



DOB SUBMISSION	
SHEET NUMBER	SHEET NAME
T SERIES	
T-000	COVER SHEET & DOCUMENT INDEX
1	
A0 SERIES - GENERAL SITE, CODE INFORMATION, & BUILDING GEOMETRY	
A-001	EXISTING SITE PLAN AERIAL PHOTO AND LOCATION PLAN
A-003	SYMBOLS & ABBREVIATIONS
A-004	GENERAL NOTES
A-005	FEMA FLOOD MAPS
A-006	LIFE SAFETY PLANS GENERAL NOTES
A-007	FIRE PROOFING SCHEDULE AND DETAILS
A-008	FIREPROOFING DETAILS
A-049	SITE PLAN AND OVERALL AXON VIEW
A-050	LIFE SAFETY AMPHITHEATER AXON VIEWS
A-051	LIFE SAFETY PLAN - LEVEL 1
A-052	LIFE SAFETY PLAN - LEVEL 2
A-053	LIFE SAFETY PLAN - LEVEL 3
A-054	ICC DISCHARGE DIAGRAM - LEVEL 1
A-055	AMPHITHEATER EXIT DISCHARGE DIAGRAM - LEVEL 2
A-056	AMPHITHEATER EXIT DISCHARGE DIAGRAM - LEVEL 3
A-057	NORTH PAVILION EXIT DISCHARGE DIAGRAM - LEVEL 3
A-058	SOUTH PAVILION EXIT DISCHARGE DIAGRAM - LEVEL 3
A-059	EXIT DISCHARGE THROUGH GASSER HALL - LEVEL 2
A-060	SITE PLAN
A-061	STE PLAN - NORTH TERRACE
A-062	AMPHITHEATER - ENLARGED PLAN
A-063	SITE PLANS GRAND ACCESS AND RAMPS
A-064	ENLARGED SITE PLAN - LEVEL 2
A-065	SITE DETAILS
A-070	SITE PLAN - SOUTH TERRACE
A-073	SITE STAIR -1- SOUTH TERRACE
A-076	ACCESSIBILITY GUIDELINES SITE
A-077	ACCESSIBILITY GUIDELINES BUILDING
A-078	ACCESSIBILITY GUIDELINES BUILDING
A-079	ACCESSIBILITY GUIDELINES BUILDING
30	
Z SERIES - ZONING INFORMATION	
Z-001	ZONING COMPUTATIONS
Z-002	FLOOR ZONING NOTES
Z-101	ZONING PLAN - SITE PLAN
Z-102	ZONING PLAN - LEVEL 1, 2 & 3
Z-103	REAR YARD DIAGRAM
5	
A1 SERIES - BUILDING PLANS	
A-100	OVERALL FLOOR PLAN - LEVEL D
A-102	OVERALL FLOOR PLAN - LEVEL 1
A-103	OVERALL FLOOR PLAN - LEVEL 2
A-105	OVERALL FLOOR PLAN - LEVEL 3
A-106	OVERALL FLOOR PLAN - ROOF
A-110	SECTOR A - FLOOR PLAN - LEVEL D
A-111	SECTOR B - FLOOR PLAN - LEVEL D
A-112	SECTOR C - FLOOR PLAN - LEVEL D

DOB SUBMISSION	
SHEET NUMBER	SHEET NAME
A-113	SECTOR D - FLOOR PLAN - LEVEL D
A-114	SECTOR E - FLOOR PLAN - LEVEL D
A-115	SECTOR A - FLOOR PLAN - LEVEL 1 (ICC)
A-116	SECTOR B - FLOOR PLAN - LEVEL 1
A-117	SECTOR C - FLOOR PLAN - LEVEL 1
A-118	SECTOR D - FLOOR PLAN - LEVEL 1
A-119	SECTOR E - FLOOR PLAN - LEVEL 1
A-121	SECTOR B - FLOOR PLAN - LEVEL 2
A-122	SECTOR C - FLOOR PLAN - LEVEL 2
A-123	SECTOR D - FLOOR PLAN - LEVEL 2
A-124	SECTOR E - FLOOR PLAN - LEVEL 2
A-125	SECTOR A - FLOOR PLAN - LEVEL 3 (ICC ROOF)
A-126	NORTH PAVILION - PLAN - LEVEL 3
A-127	SOUTH PAVILION - PLAN LEVEL 3
A-128	NORTH PAVILION - PLAN - ROOF
A-129	SOUTH PAVILION - PLAN - ROOF
A-130	OVERALL - REFLECTED CEILING PLAN - LEVEL D
A-131	OVERALL - REFLECTED CEILING PLAN - LEVEL 1
A-132	OVERALL - REFLECTED CEILING PLAN - LEVEL 2
A-133	OVERALL - REFLECTED CEILING PLAN - LEVEL 3
A-134	SECTOR A - RCP - LEVEL D
A-135	SECTOR B - RCP - LEVEL D
A-136	SECTOR C - RCP - LEVEL D
A-137	SECTOR D - RCP - LEVEL D
A-138	SECTOR E - RCP - LEVEL D
A-139	SECTOR A - RCP - LEVEL 1 (ICC)
A-140	SECTOR B - RCP - LEVEL 1
A-141	SECTOR C - RCP - LEVEL 1
A-142	SECTOR D - RCP - LEVEL 1
A-143	SECTOR E - RCP - LEVEL 1
A-145	SECTOR B - RCP - LEVEL 2
A-146	SECTOR C - RCP - LEVEL 2
A-147	SECTOR D - RCP - LEVEL 2
A-148	SECTOR E - RCP - LEVEL 2
A-149	NORTH PAVILION - RCP - LEVEL 3
A-150	SOUTH PAVILION - RCP - LEVEL 3
A-151	OVERALL - FINISH FLOOR PLAN - LEVEL 1
A-152	OVERALL - FINISH FLOOR PLAN - LEVEL 2
A-153	OVERALL - FINISH FLOOR PLAN - LEVEL 3
A-154	SECTOR A - FINISH FLOOR PLAN - LEVEL 1 (ICC)
A-155	SECTOR B - FINISH FLOOR PLAN - LEVEL 1
A-156	SECTOR C - FINISH FLOOR PLAN - LEVEL 1
A-157	SECTOR D - FINISH FLOOR PLAN - LEVEL 1
A-158	SECTOR E - FINISH FLOOR PLAN - LEVEL 1
A-160	SECTOR B - FINISH FLOOR PLAN - LEVEL 2
A-161	SECTOR C - FINISH FLOOR PLAN - LEVEL 2
A-162	SECTOR D - FINISH FLOOR PLAN - LEVEL 2
A-163	SECTOR E - FINISH FLOOR PLAN - LEVEL 2
A-164	SECTOR F - FINISH FLOOR PLAN - LEVEL 3
A-165	SECTOR G - FINISH FLOOR PLAN - LEVEL 3
58	

DOB SUBMISSION	
SHEET NUMBER	SHEET NAME
A2 SERIES - ELEVATIONS	
A-200	OVERALL BUILDING ELEVATIONS
A-201	OVERALL BUILDING ELEVATIONS
A-210	BUILDING ELEVATIONS - EAST
A-211	BUILDING ELEVATIONS - NORTH & SOUTH
A-212	BUILDING ELEVATION - WEST
A-213	BUILDING ELEVATION - WEST
A-216	BUILDING ELEVATIONS- INTERACTIVE CONFERENCE CENTER CURTAIN WALL PANEL
A-220	BUILDING PLAN & ELEVATIONS - NORTH PAVILION CURTAIN WALL PANEL
A-221	BUILDING PLAN AND ELEVATIONS - NORTH PAVILION CURTAIN WALL PANEL
A-222	BUILDING PLAN & ELEVATIONS - SOUTH PAVILION CURTAIN WALL PANEL
A-223	BUILDING PLAN & ELEVATIONS - SOUTH PAVILION CURTAIN WALL PANEL
A-224	BUILDING PLAN & ELEVATIONS - AMPHITHEATER CURTAIN WALL PANEL
A-225	BUILDING PLAN & ELEVATION - ENTRANCE VESTIBULE & SITE ELEVATOR CURTAIN WALL PANEL
A-230	ELEVATION - HALF BLOCKED WINDOW LOCATIONS
A-241	REVOLVING DOOR DETAILS
A-242	REVOLVING DOOR PLAN DETAILS
A-260	LEVEL 1 & 2 BRACING CONDITION - KEY PLAN
A-261	BRACING CONDITION @ COLUMN LINE 5.75
A-262	BRACING CONDITION @ COLUMN LINE 6.25
A-263	BRACING CONDITION @ COLUMN LINE 6.75
A-264	BRACING CONDITION @ COLUMN LINE 7.25
A-265	BRACING CONDITION @ COLUMN LINE 7.75
A-266	BRACING CONDITION @ COLUMN LINE 8.25
A-267	BRACING CONDITION @ COLUMN LINE 8.75
A-268	BRACING CONDITION @ COLUMN LINE 9.25
A-269	BRACING CONDITION @ COLUMN LINE 9.75
26	
A3 SERIES - BUILDING SECTIONS	
A-307	BUILDING SECTION -B- GRID LINE 3-75
A-308	BUILDING SECTION -C- GRIDLINE 5-25
A-309	BUILDING SECTION -D- GRIDLINE 6-25
A-310	BUILDING SECTION -E- GRID LINE 7
A-311	BUILDING SECTION -G- GRID LINE 8
A-312	BUILDING SECTION -H- GRID LINE 9-5
A-313	BUILDING SECTION -I- LONGITUDINAL SOUTH
A-314	BUILDING SECTION -K- GRID LINE 1
A-321	AMPHITHEATER SECTION
A-322	SECTION NORTH TERRACE
A-323	SECTION COLUMN LINE 3-50
A-324	SECTION KITCHEN
A-325	SECTION NORTH SOUTH AT MECHANICAL -B-
A-326	SECTION EAST WEST AT MECHANICAL -B-
A-327	SECTION MECHANICAL ROOM -C-
A-329	SECTION AT SOUTH TERRACE
A-330	SECTIONS AT NORTH TERRACE

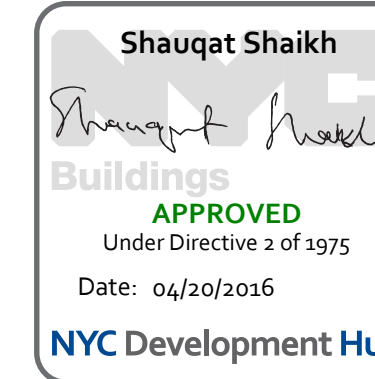
DOB SUBMISSION	
SHEET NUMBER	SHEET NAME
A-331	SECTIONS AT NORTH TERRACE
A-332	ICC BUILDING SECTIONS
A-334	SECTION NORTH SOUTH 02 - AT MECHANICAL ROOM -A-
A3 SERIES - COMPONENT SYSTEMS	
A-401	EXTERIOR WALL TYPE DETAILS
A-402	SEAL WALL DETAILS
A-411	EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - RIVER CAMPUS PLAN, ELEV & SECTION
A-412	EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - PERSPECTIVE VIEW
A-413	EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - RIVER CAMPUS PLAN, ELEV & SECTION
A-414	EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - PERSPECTIVE VIEW
A-415	EXTERIOR WALL SYSTEM TYPE 1 - SECTIONS

DOB SUBMISSION	
SHEET NUMBER	SHEET NAME
A-416	EXTERIOR WALL SYSTEM TYPE 1 - DETAILS
A-417	EXTERIOR WALL SYSTEM TYPE 1 - DETAILS
A-418	EXTERIOR WALL SYSTEM TYPE 1 - DETAIL @ Y CONNECTION
A-419	EXTERIOR WALL SYSTEM TYPE 1 - PLAN DETAILS
A-421	EXTERIOR WALL SYSTEM TYPE 2 AT LEVEL 2 - RIVER CAMPUS PLAN, ELEV & SECTION
A-422	EXTERIOR WALL SYSTEM TYPE 2 - PERSPECTIVE VIEW
A-423	EXTERIOR WALL SYSTEM TYPE 2 - SECTIONS
A-425	EXTERIOR WALL SYSTEM TYPE 2 - DETAILS
A-426	EXTERIOR WALL SYSTEM TYPE 2 - DETAILS
A-427	EXTERIOR WALL SYSTEM TYPE 2 - PLAN DETAILS
A-428	EXTERIOR WALL SYSTEM TYPE 2 - PLAN DETAILS
A-431	EXTERIOR WALL SYSTEM TYPE 3 - RIVER CAMPUS PLAN, ELEV & SECTION
A-432	EXTERIOR WALL SYSTEM TYPE 3 - PERSPECTIVE VIEW
A-433	EXTERIOR WALL SYSTEM TYPE 3 - ALT - RIVER CAMPUS PLAN, ELEV & SECTION
A-435	EXTERIOR WALL SYSTEM TYPE 3 - DETAILS
A-441	EXTERIOR WALL SYSTEM TYPE 4 - AMPHITHEATER PLAN, ELEV & SECTION
A-442	EXTERIOR WALL SYSTEM TYPE 4 - PERSPECTIVE VIEW
A-443	EXTERIOR WALL SYSTEM TYPE 4 - SECTIONS
A-445	EXTERIOR WALL SYSTEM TYPE 4 - DETAILS
A-446	EXTERIOR WALL SYSTEM TYPE 4 - PLAN DETAILS
A-451	EXTERIOR WALL SYSTEM TYPE 5 - NORTH PAVILION PLAN, ELEV & SECTION
A-452	EXTERIOR WALL SYSTEM TYPE 5 - PERSPECTIVE VIEW
A-453	EXTERIOR WALL SYSTEM TYPE 5 - SECTIONS
A-455	EXTERIOR WALL SYSTEM TYPE 5 - DETAILS
A-456	EXTERIOR WALL SYSTEM TYPE 5 - DETAILS
A-457	EXTERIOR WALL SYSTEM TYPE 5 - PLAN DETAILS
A-461	EXTERIOR WALL SYSTEM TYPE 6 - SOUTH PAVILION PLAN, ELEV & SECTION
A-462	EXTERIOR WALL SYSTEM TYPE 6 - PERSPECTIVE VIEW
A-463	EXTERIOR WALL SYSTEM TYPE 6 - SECTIONS
A-465	EXTERIOR WALL SYSTEM TYPE 6 - DETAILS
A-466	EXTERIOR WALL SYSTEM TYPE 6 - PLAN DETAILS
A-471	EXTERIOR WALL SYSTEM TYPE 7 - ICC- PLAN, ELEV & SECTION
A-472	EXTERIOR WALL SYSTEM TYPE 7 - PERSPECTIVE VIEW
A-473	EXTERIOR WALL SYSTEM TYPE 7 - SECTIONS
A-475	EXTERIOR WALL SYSTEM TYPE 7 - DETAILS
A-477	EXTERIOR WALL SYSTEM TYPE 7 - PLAN DETAILS
A-481	EXTERIOR WALL SYSTEM TYPE 8 - PLAN, ELEV & SECTION
A-482	EXTERIOR WALL SYSTEM TYPE 8 - PERSPECTIVE VIEW

DOB SUBMISSION	
SHEET NUMBER	SHEET NAME
A-491	EXTERIOR WALL SYSTEM TYPE 9 - SITE ELEVATOR PLAN, ELEV & SECTION
A-492	EXTERIOR WALL SYSTEM TYPE 9 - SITE ELEVATOR PERSPECTIVE VIEW
47	
A5 SERIES - CORE AND BUILDING COMPONENTS	
A-500	VERTICAL TRANSPORTATION SCHEDULE AND NOTES
A-511	SITE ELEVATOR A1
A-512	FLOOR PLANS AND SECTIONS ELEVATOR B1
A-513	FLOOR PLANS AND SECTIONS ELEVATOR C1 & C2
A-515	FLOOR PLANS AND SECTIONS ELEVATOR D1
A-516	INTERIOR DETAILS ELEVATOR CAB A1
A-517	INTERIOR DETAILS ELEVATOR CAB B1
A-518	INTERIOR DETAILS ELEVATOR CAB C1 & C2
A-520	INTERIOR DETAILS ELEVATOR CAB D1
A-522	INTERIOR DETAILS ELEVATOR CAB B1 BID ALTERNATE
A-523	INTERIOR DETAILS ELEVATOR CAB C1 & C2 BID ALTERNATE
A-524	INTERIOR DETAILS ELEVATOR CAB D1 BID ALTERNATE
A-525	ELEVATOR CAB DETAILS
A-526	HATCH AND PUMP ROOM PLAN, SECTION - SITE ELEVATOR
A-527	HATCH AND PUMP ROOM PLAN SECTION ELEVATOR B1
A-528	HATCH AND PUMP ROOM PLAN SECTION ELEVATOR C1 & C2
A-529	HATCH AND PUMP ROOM PLAN SECTION ELEVATOR D1
A-530	METAL STAIR LOCATION PLAN
A-531	PLANS AND SECTIONS STAIR A
A-532	SECTIONS STAIR A
A-533	PLANS AND SECTIONS STAIR B
A-535	PLANS AND SECTIONS STAIR C
A-536	SECTIONS STAIR C
A-538	ENLARGED MECHANICAL ROOMS STAIR PLAN & DETAILS
A-539	ENLARGED DETAILS AT STAIR LOCATIONS
A-540	TYPICAL STAIR DETAILS
A-541	TYPICAL STAIR DETAILS
27	
A6 SERIES - ENLARGED PLANS, INTERIOR ELEVATIONS & COMPONENT SETS	
A-600	TYP - MOUNTING HEIGHTS
A-601	MECHANICAL ROOM -A- ENLARGED PLAN AND RCP
A-602	MECHANICAL ROOM -B- ENLARGED PLAN AND RCP
A-603	MECHANICAL ROOM -C- ENLARGED PLAN AND RCP
A-607	LEVEL 1 OFFICE TYPICAL - PLANS , RCP AND ELEVATIONS
A-608	LEVEL 2 OFFICE- PLANS, RCP, AND ELEVATIONS
A-613	COMMON AREA - ELEVATIONS
A-614	COMMON AREA - ELEVATIONS

DOB SUBMISSION	
SHEET NUMBER	SHEET NAME
A-617	LEVEL 1 KITCHENETTE
A-618	LEVEL 2 KITCHENETTE
A-620	COPY-SUPPLYROOM-PLANS AND ELEVATIONS
A-621	COPY-SUPPLY SPACE - ELEVATIONS
A-622	GRADE CONNECTION AT LEVEL 2 VESTIBULE- ELEVATIONS
A-625	LEVEL 1 CORRIDOR ELEVATION 01
A-626	LEVEL 1 CORRIDOR ELEVATION 02
A-627	LEVEL 2 CORRIDOR ELEVATION 01
A-628	LEVEL 2 CORRIDOR ELEVATION 02
A-630	SECTOR B LEVEL 1& 2 TOILET ROOM PLANS & ELEVATIONS
A-631	SECTOR D & E LEVEL 1&2 TOILET ROOM PLAN & ELEVATIONS
A-632	LEVEL 1&2 ENLARGED PLANS & ELEVATIONS
A-634	LEVEL 3 NORTH PAVILION TOILET ROOM PLANS & ELEVATIONS
A-635	LEVEL 3 SOUTH PAVILION TOILET ROOM PLANS & ELEVATIONS
A-660	NORTH PAVILION - SECTIONS - LEVEL 3
A-665	SOUTH PAVILION - SECTIONS - LEVEL 3
A-670	ICC TOILET ROOMS- ENLARGED PLANS, RCP AND ELEVATIONS
A-671	ICC - KITCHEN, STORAGE & ELEC- ROOM PLANS, RCP & ELEVATIONS
A-672	ICC - INTERIOR ELEVATIONS
A-673	ICC - INTERIOR ELEVATIONS
A-674	ICC - SECTIONS
A-675	ICC - DETAILS
30	
A7 SERIES - INTERIOR DETAILS	
A-700	PARTITION TYPES
A-701	PARTITION TYPES
A-702	FIREPROOFING AND PENETRATION DETAILS
A-703	FIREPROOFING AND PENETRATION DETAILS
A-710	ENLARGED DETAILS
A-720	WRITE UP GROUP A1 DESK, PLAN, ELEVATIONS, SECTIONS & QUANTITIES
A-721	BENCH A, B & C PLAN, ELEVATION AND SECTIONS
A-722	ENLARGED LAB SUPPORT, PLAN & SECTIONS (BASE BID)
A-724	COLD ROOM ENLARGED PLANS
A-725	VSM -OPEN LAB AREA- ALTERNATES
A-730	ENLARGED VSM PLANS- ELEVATIONS
A-731	CASEWORK COMPONENT SHEET
A-732	ENLARGED CASEWORK DETAILS
A-733	ENLARGED DIAGRAMMATIC-PARTIAL POWER, DATA & GASES DISTRIBUTION PLAN
A-734	VSM BLADES, P-D 1, P-D 2, G1, G2, L B1, B2, AND POWER DISTRIBUTION ELEVATIONS
A-735	VSM BLADES, P-D 1, P-D 2, G1, G2, L B1, B2, AND VSM SPINES PERSPECTIVE VIEW

DOB SUBMISSION	
SHEET NUMBER	SHEET NAME
A-736	VSM CASEWORK QUANTITIES
A-737	ALTERNATE VSM MOUNTING DETAILS
A-738	ALTERNATE VSM MOUNTING DETAILS
A-740	FLOORING & TRANSITION DETAILS
A-743	ACCESS FLOORING VSM CUTOFF OPTIONS A & B
A-744	ACCESS FLOORING DETAILS
A-745	ACCESS FLOORING DETAILS
A-751	MILLWORK STANDARDS
A-752	MILLWORK DETAILS
A-753	MILLWORK DETAILS
A-771	CEILING SYSTEMS & DETAILS
A-772	CEILING SYSTEMS & DETAILS
A-780	WALL PROTECTION DETAILS
29	
A8 SERIES - LEGENDS AND SCHEDULES	
A-810	EXTERIOR ENCLOSURE SYSTEMS AND MATERIAL SCHEDULE
A-811	ROOF TYPES
A-815	LOUVER TYPES AND SCHEDULE
A-820	INTERIOR FINISH SCHEDULES
A-830	DOOR TYPES
A-831	DOOR FRAME TYPES
A-832	DOOR SCHEDULE
A-833	DOOR SCHEDULE
A-834	DOOR SCHEDULE
A-835	HEAD DETAILS
A-836	JAMB DETAILS
A-850	FURNITURE SCHEDULE
12	



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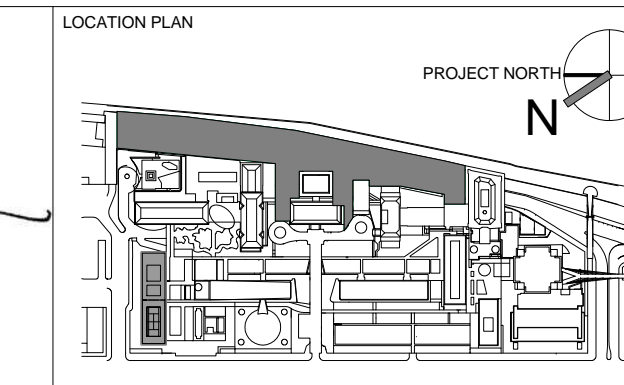
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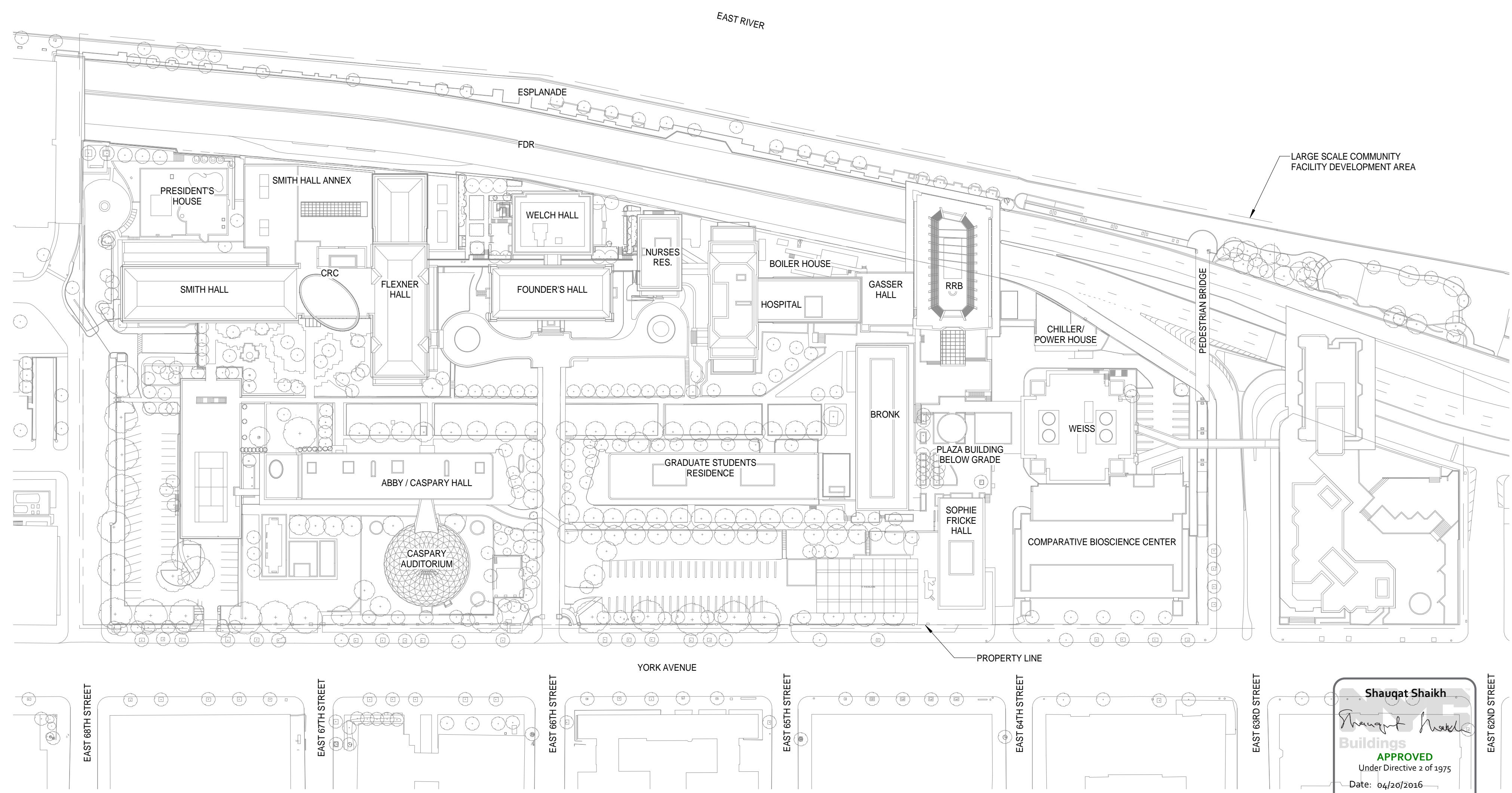
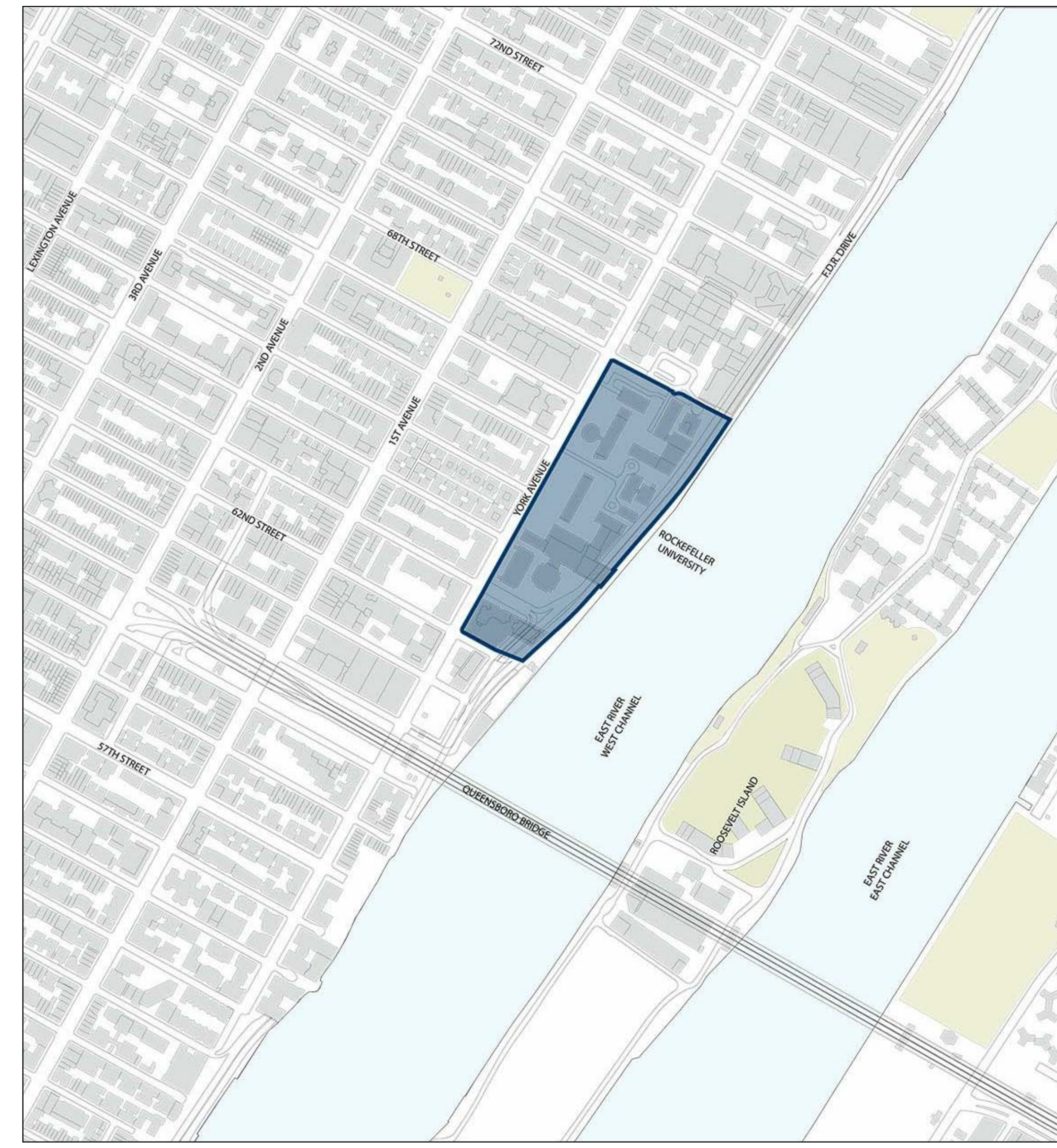
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 STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	DOB SUBMISSION	12-MAR-15
2	DOB SUBMISSION	31-JULY-15
3	E&F ADDENDUM	31-JULY-15
4	DOB SUBMISSION	20-AUG-15
5	DOB SUBMISSION - RB	01-OCT-15
6	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	DRAWING TITLE
664.100	COVER SHEET & DOCUMENT INDEX
	DRAWING SIZE
	24" x 36"
	DRAWING SCALE
	NOT TO SCALE
	PROJECT PHASE
	CONSTRUCTION DOCUMENTS

T-000.00
 Sheet 1 of 315



Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 06/30/2016
 NYC Development Hub

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 1901
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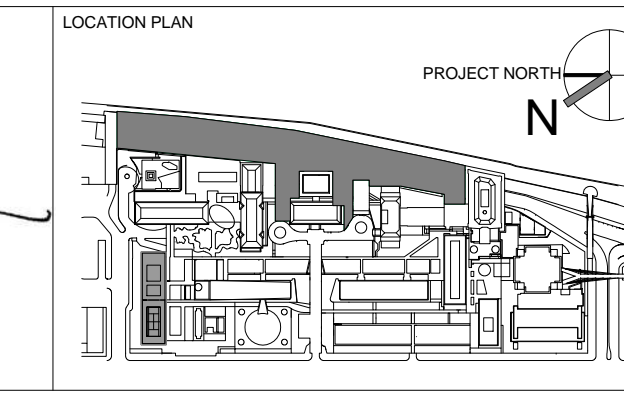
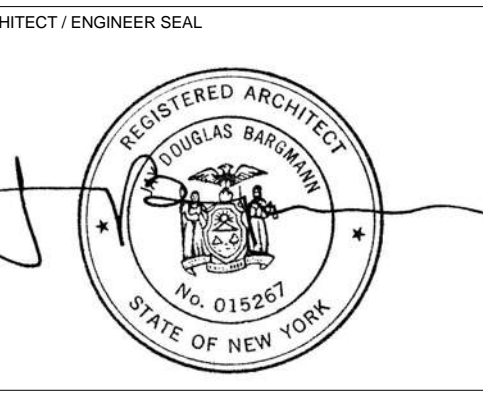
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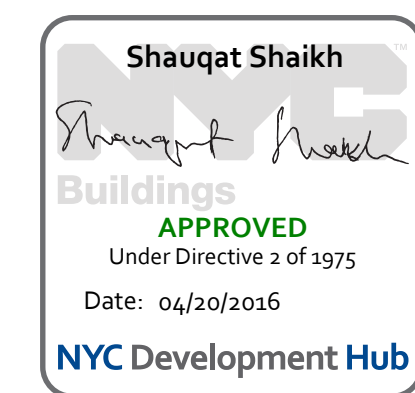


REV	DESCRIPTION	DATE
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	DOB SUBMISSION	12-MAR-15
4	DOB SUBMISSION	31-JULY-15
5	E&F ADDENDUM	31-JULY-15
6	DOB SUBMISSION	20-AUG-15
7	DOB SUBMISSION - RB	01-OCT-15
8	PROGRESS SET	30-OCT-15
9	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100
 DRAWING SIZE
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 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 EXISTING SITE PLAN AERIAL PHOTO AND LOCATION PLAN
 DRAWING NUMBER
A-001.00
 SHEET 2 OF 315

1	2	3	4	5	6
<p>GENERAL NOTES</p> <p>1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE NEW YORK CITY BUILDING CODE 2014.</p> <p>2. THE OWNER SHALL BE RESPONSIBLE FOR THE SAFE MAINTENANCE OF THE BUILDING AND ITS FACILITIES (ARTICLE 301 THROUGH ARTICLE 304)</p> <p>3. ALL MATERIALS, ASSEMBLIES, FORMS AND METHODS OF CONSTRUCTION AND SERVICE EQUIPMENT SHALL MEET THE FOLLOWING REQUIREMENTS: A. IT SHALL HAVE BEEN ACCEPTABLE PRIOR TO THE EFFECTIVE DATE OF THE CODE BY THE BOARD OR B. SHALL HAVE BEEN ACCEPTED FOR USE UNDER THE PRESCRIBED CODE TEST METHODS BY THE COMMISSIONER C. PREVIOUSLY APPROVED BY THE BOARD OF STANDARDS AND APPEALS, AND NOT AMENDED OR REPEALED BY THIS COMMISSIONER (BC §28 - 113.2.6)</p> <p>4. AT LEAST 24, BUT NO MORE THAN 48 HOURS, WRITTEN NOTICE SHALL BE GIVEN TO THE COMMISSIONER BEFORE COMMENCEMENT OF WORK. (BC 3304.3.1)</p> <p>5. WITHIN TEN DAYS PRIOR TO THE START OF WORK A WRITTEN NOTICE SHALL BE GIVEN TO ADJOINING LOT OWNERS AFFECTED BY FOUNDATION, EARTHWORK OR DEMOLITION WORK. (BC 3304.3.2)</p> <p>6. NO WORK TO BE DONE BEYOND THE BUILDING LINES WITHOUT APPROVAL OF THE DEPARTMENT OF HIGHWAYS.</p> <p>7. SIDEWALKS TO BE LAID IN ACCORDANCE WITH RULES OF THE DEPARTMENT OF HIGHWAYS.</p> <p>8. BORING DIAGRAM WILL BE FILED BEFORE CONSTRUCTION IS STARTED AS PER BC 1802.</p> <p>9. AN ACCURATE AND COMPLETE FINAL SURVEY, MADE BY A LICENSED SURVEYOR SHALL BE SUBMITTED AFTER COMPLETION OF WORK SHOWING THE LOCATION OF NEW BUILDING ELEVATION OF FIRST FLOOR, FINISHED GRADES OF OPEN SPACES, ESTABLISHED CURB LEVEL, LOCATION AND BOUNDARIES OF LOT. (BC §28 – 118.4)</p> <p>10. ALL ELEVATIONS SHALL REFER TO THE DATUM IN USE BY THE DEPARTMENT OF HIGHWAYS BOROUGH PRESIDENT OF MANHATTAN WHICH IS 2.75FT ABOVE THE US COAST AND GEODETIC SURVEY DATUM OF MEAN SEA LEVEL AT SANDY HOOK. (BC §28 – 118.4)</p> <p>11. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.</p> <p>12. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND ARCHITECT'S OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS SHOWN BY THESE DRAWINGS.</p> <p>13. ALL CONSTRUCTION, DIMENSIONS AND DETAILS SHALL CONCUR WITH AND BE DETERMINED FROM THESE DRAWINGS ONLY.</p> <p>14. ALL MATERIALS AND CONSTRUCTION TO BE INCORPORATED IN THE WORK SHALL BE INSTRUCT ACCORDANCE WITH THE LATEST EDITION OF THE ASTM SPECIFICATIONS APPLICABLE, AND TO CONFORM TO THE STANDARDS AND RECOMMENDATIONS OF THE VARIOUS TRADE INSTITUTES (A. C. I., A.I.S.C.ETC.) WHERE APPLICABLE. ALL MATERIALS INCORPORATED INTO THE WORK SHALL BE NEW.</p> <p>15. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGES, COLLAPSE, DISTORTIONS AND OFF – ALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS AND GOOD PRACTICE.</p> <p>16. CONSTRUCTION SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES, ORDINANCES, RULES AND REGULATIONS PERTAINING TO LABOR AND MATERIALS.</p> <p>17. THE CONSTRUCTION SITE MAY NOT BE OCCUPIED UNTIL THE REQUIRED APPROVALS FROM THE NYCDOB AND OTHER REGULATORY AGENCIES HAVE BEEN OBTAINED.</p> <p>18. ALL NOTES HEREIN MENTIONED WITH THOSE ON THE VARIOUS DRAWINGS, SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT.</p> <p>19. EACH CONTRACTOR WILL BE HELD STRICTLY RESPONSIBLE FOR HIS WORK. ANY DISCREPANCIES IN THE PLANS OR DETAILS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.</p> <p>20. POSTED OCCUPANCY AND USE, ALL BUILDING SHALL BE POSTED WITH A SIGN IN A FORM PRESCRIBED BY THE DEPARTMENT, PERMANENTLY AFFIXED, PLACED IN A CONSPICUOUS LOCATION IN PUBLIC HALL OR CORRIDOR, STATING LIVE LOADS AND OCCUPANT LOADS IN THE BUILDING AND ALL PARTS THEREOF. (BC §28 – 118.19)</p>	<p>21. THE FOLLOWING ITEMS OF WORK SHALL BE SUBJECT TO SPECIAL INSPECTIONS, MADE AND WITNESSED BY OR UNDER THE DIRECT SUPERVISION OF AN ARCHITECT OR ENGINEER RETAINED BY THE OWNER AND ACCEPTABLE TO ARCHITECT OF RECORD, TEST REPORTS AND CERTIFICATE OF INSPECTION SHALL BE FILED WITH THE BUILDING.</p> <ul style="list-style-type: none"> -STRUCTURAL STEEL - WELDING -STRUCTURAL STEEL - HIGH STRENGTH BOLTING -CONCRETE - CAST IN PLACE -SUBGRADE INSPECTION -SUBSURFACE CONDITIONS - FILL PLACEMENT AND IN-PLACE DENSITY -SUBSURFACE INVESTIGATIONS (BORING/TEST PITS) -DEEP FOUNDATION ELEMENTS -WALL PANELS, CURTAIN WALLS AND VENEERS -MECHANICAL SYSTEMS -EXCAVATION - SHEETING, SHORING, AND BRACING PRIVATE ON-SITE STORM WATER DRAINAGE DISPOSAL SYSTEMS, AND DETENTION SYSTEM INSTALLATION -FIRE RESISTANT PENETRATIONS AND JOINTS -FLOOD ZONE COMPLIANCE -EMERGENCY AND STANDBY POWER SYSTEMS (GENERATORS) -CONCRETE DESIGN MIX -CONCRETE SAMPLING AND TESTING <p>22. PROGRESS INSPECTIONS SHALL BE MADE ON BEHALF OF THE OWNER BY APPROVED AGENCIES, SPECIAL INSPECTORS, OR BY THE NYCDOB, AS DIRECTED BY THE COMMISSIONER, AT THE COST OF THE OWNER. CONTRACTOR SHALL COORDINATE WITH THE APPLICABLE INSPECTION AGENCY, PROVIDING ADEQUATE NOTICE WHEN CONSTRUCTION WILL BE READY FOR A REQUIRED INSPECTION. WHEN ADEQUATE NOTICE HAS NOT BEEN GIVEN, CONTRACTOR WILL OPEN UP CONSTRUCTION TO PERMIT INSPECTION, AND REPAIR AT NO ADDITIONAL COST TO OWNER.</p> <ul style="list-style-type: none"> -FOOTING AND FOUNDATION -ENERGY CODE COMPLIANCE INSPECTIONS -FIRE-RESISTANCE RATED CONSTRUCTION -PUBLIC ASSEMBLY EMERGENCY LIGHTING <p>23. ALL MATERIALS, ASSEMBLIES AND METHODS OF CONSTRUCTION REGULATED BY THE CODE AND NOT LISTED ABOVE SHALL BE SUBJECT TO SEMI-CONTROLLED INSPECTION AND INSPECTION REPORTS SHALL BE FILED THROUGH THE ARCHITECT WITH THE DEPARTMENT OF BUILDINGS.</p> <p>24. ALL MATERIALS AND ASSEMBLIES REQUIRED TO HAVE A FIRE RESISTANCE RATING SHALL COMPLY WITH ONE OF THE FOLLOWING: A. IT SHALL CONFORM WITH NFPA 251 "FIRE RESISTANCE RATINGS", OR B. IT SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ASTM E-119-2000, "STANDARD METHODS OF FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS" AND ACCEPTED BY THE COMMISSIONER. OR C. IT SHALL HAVE BEEN ACCEPTABLE PRIOR TO THE EFFECTIVE DATE OF THE CODE.</p> <p>25. WHERE PIPES, WIRES, CONDUITS, DUCTS, ETC., PIERCE FIRE PROTECTION OF INDIVIDUALLY ENCASED STRUCTURAL MEMBERS, SUCH PENETRATION SHALL NOT EXCEED 2 PERCENT OF ANY ONE FACE OF SUCH PROTECTION, AND SHALL BE CLOSED OFF WITH CLOSE FITTING METAL ESCUTCHEONS, OR PLATES. (BC 714.3)</p> <p>26. CEILINGS THAT CONTRIBUTE TO THE REQUIRED FIRE RESISTANCE RATING OF A FLOOR OR ROOF ASSEMBLY SHALL BE CONTINUOUS BETWEEN FIRE DIVISION, FIRE SEPARATIONS OR VERTICAL PARTITIONS HAVING THE SAME FIRE RESISTANCE RATING AS THE CEILING. CONCEALED SPACE ABOVE SUCH CEILING, UNLESS SPRINKLERED, SHALL BE FIRESTOPPED AS PER SECTION BC 717 "CONCEALED SPACES".</p> <p>27. OPENING PROTECTIVES INCLUDING FRAMES, SELF-CLOSING DEVICES AND HARDWARE SHALL COMPLY WITH NFPA 252-99 "STANDARD METHODS OF FIRE TEST OF DOOR ASSEMBLIES" AND NFPA 257-00 "STANDARD METHODS OF FIRE TEST OF WINDOW AND GLASS BLOCK ASSEMBLIES" AND SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH NFPA 257-00 "INSTALLATION OF FIRE DOORS AND WINDOW". OPENING PROTECTIVES SHALL BE LABELED CERTIFYING PERFORMANCE RATING, AND SHALL HAVE BEEN ACCEPTED BY THE COMMISSIONER.</p> <p>28. ROOF SHALL BE COVERED WITH CLASS "B" ROOF COVERING MEETING THE REQUIREMENTS OF ASTM – E108 "STANDARD METHODS OF FIRE TESTS OF ROOF COVERINGS" – 2000, OR "FIRE CLASSIFICATIONS". (BC 1505)</p> <p>29. FIRESTOPPING: CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS, FURRING PIPE SPACES, COLUMN ENCLOSURES, ETC. SHALL BE FIRESTOPPED EXCEPT WHERE CONCEALED SPACE IS SPRINKLERED OR IS CONSTRUCTED AS A SHAFT AS PER BC 717 "CONCEALED SPACES."</p> <p>30. INTERIORS FINISHES: MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH THE SURFACE FLAME-SPREAD RATING OBTAINED AS DESCRIBED IN ASTM E-84-2001 "STANDARD METHOD OF TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS" AS PER BC802.</p>	<p>31. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.</p> <p>32. STAIRS SHALL HAVE HANDRAILS ON EACH SIDE (EXCEPT THAT STAIRS LESS THAN 44 INCHES IN WIDTH), HAVING FINGER CLEARANCE OF 1 ½ INCHES, PROJECTING NOT MORE THAN 3 ½ INCHES INTO THE REQUIRED STAIR WIDTH. HEIGHT OF HANDRAIL SHALL BE BETWEEN 28" AND 34" ABOVE THE TREAD NOISING. HANDRAILS SHALL BE RETURNED TO WALLS AND POSTS AT THEIR TERMINATION. MATERIALS OF HANDRAILS SHALL HAVE A FLAME SPREAD RATING NOT EXCEEDING 150. HANDRAILS SHALL BE DESIGNED TO RESISTS A SIMULTANEOUS APPLICATION OF A LATERAL FORCE OF 40 PLF AND A VERTICAL LOAD OF 50 PLF. LANDINGS AND PLATFORMS SHALL BE ENCLOSED ON SIDES BY WALL OR RAILINGS AT LEAST 3'-0" HIGH. RISERS SHALL BE MAXIMUM 7 ½" HIGH. TREADS MINIMUM 9 ½" MINIMUM WIDE EXCLUSIVE OF NOSING AND THE SUM OF 2 RISERS PLUS ON TREAD EXCLUSIVE OF NOSING SHALL BE NO LESS THAN 24 OR MORE THAN 25 ½".</p> <p>33. TREAD STRINGERS AND LANDINGS SHALL BE BUILT OF/OR SURFACED WITH NONSKID MATERIALS.</p> <p>34. ILLUMINATION OF AT LEAST 1 FOOT CANDLE MEASURED AT THE FLOOR LEVEL SHALL BE MAINTAINED CONTINUOUSLY IN EXITS, EXIT DISCHARGES, AND IN PUBLIC CORRIDORS AT ALL TIME BY EITHER DAYLIGHT OR ELECTRIC LIGHTING FIXTURES. (BC 1006.1 AND BC 1006.2)</p> <p>35. EXIT LIGHTING SHALL CONFORM TO SECTION BC 1006 "MEANS OF EGRESS ILLUMINATION".</p> <p>36. LOCATION OF EVERY EXIT ON EVERY FLOOR SHALL BE CLEARLY INDICATED BY EXIT SIGNS READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. INSTALL DIRECTIONAL SIGNS TO SERVE AS GUIDE FROM ALL PORTIONS OF THE CORRIDOR OR FLOOR, SIGNS SHALL BE ON SEPARATE CIRCUITS, TAKEN OFF AHEAD OF THE MAIN SWITCH. (BC 1011)</p> <p>37. EXIT SIGNS SHALL BE INTERNALLY LIGHTED AT ALL TIMES AND SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LETTERS SHALL BE RED NOT LESS THAN 6" HIGH. (BC 1011.4)</p> <p>38. ALL BATHROOMS SHALL HAVE TILE FLOOR AND CEILING HUNG PARTITIONS, WHERE DOORS TO HAVE 9" CLEARANCE FROM FLOOR TO BOTTOM OF DOOR. (FOR FINISH MATERIALS SEE FINISH SCHEDULE).</p> <p>39. ALL DOORS SHALL BE NO LESS THAN 80 INCHES HIGH. (BC 1008.1.1.3)</p> <p>40. ALL ELEVATOR DOORS SHALL HAVE ELECTRIC INTERLOCKS IN ACCORDANCE WITH BC 3002.1.2</p> <p>41. SUSPENDED CEILINGS SHALL COMPLY WITH SECTION BC 803 WITH METAL HANGERS, PURLINS AND RUNNERS AS REQUIRED.</p> <p>42. ALL DOORS TO REQUIRED EXIT STAIRS IN B SHALL COMPLY WITH BC 1008.1.1</p> <p>43. DOOR ASSEMBLIES SHALL HAVE FIRE –RESISTIVE RATINGS IN CONFORMANCE WITH BC TABLE 715.4. DOORS TO STAIRS AND ELEVATOR SHAFTS SHALL BE RATED FOR 1.5 HOURS, EXCEPT WHERE INDICATED OTHERWISE.</p> <p>44. CORRIDORS AND EXIT PASSAGEWAYS SHALL HAVE A MIN. CLEAR HEIGHT OF 7'-6". PROJECTION BELOW THE CEILING SHALL NOT OBSTRUCT FULL VIEW OF EXIT SIGNS. (BC 1003)</p> <p>45. ELEVATOR SHAFTS SHALL BE ENCLOSED WITH 1 HOUR FIRE RATING IN ACCORDANCE WITH BC 703.2 AND BC 708.4</p> <p>46. INTERIOR REQUIRED STAIR SHALL BE ENCLOSED WITH 1 HOUR FIRE RATING IN ACCORDANCE WITH BC 708.4</p> <p>47. ALL VENT DUCT SHAFTS SHALL BE ENCLOSED WITH 1 HOUR ENCLOSURE, NO DUCT VENTS TO PASS THROUGH STAIR ENCLOSURES.</p> <p>48. 1 HOUR FIRE RATING REQUIRED FOR EXTERIOR WALLS WITHIN 30 FEET OF EXISTING BUILDING. (BC TABLE 602)</p> <p>49. MASONRY MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF BC 2103 AND TO COMPLY WITH BC 1704.5 FOR CERTIFICATION.</p> <p>50. ALL MASONRY NON-LOAD BEARING WALLS SHALL BE BONDED IN ACCORDANCE WITH BC 2109.6</p> <p>51. EXTERIOR MASONRY WALLS SHALL COMPLY WITH BC 2109</p> <p>52. CONCRETE BLOCK SHALL COMPLY WITH BC 2103</p> <p>53. ALL CORNERS OF PARAPET WALLS SHALL CONFORM WITH BC 2109.5.5</p> <p>54. WHERE GLASS FACING IS USED, THICKNESS AND AREA COMPLIES WITH BC 2401.</p>	<p>55. INTERIOR WALLS, PARTITIONS, FLOOR AND CEILING CONSTRUCTION AND MECHANICAL EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH BC 1207 TO PROVIDE MIN. PROTECTION FROM EXTRANEOUS NOISES EMANATING.</p> <p>56. FIRE RATED PARTITIONS SHALL REST DIRECTLY UPON THE CONCRETE FLOOR CONSTRUCTION AND SHALL EXTEND TO THE CONCRETE CONSTRUCTION OF THE FLOOR OR ROOF ABOVE.</p> <p>57. A MINIMUM CEILING HEIGHT OF 10' SHALL BE MAINTAINED IN ALL LAB SPACES.</p> <p>58. EQUIPMENT USE PERMITS, INSPECTIONS AND TESTS PERMITS SHALL BE OBTAINED FOR USE OF THE FOLLOWING EQUIPMENT A. AIR CONDITIONING AND VENTILATION SYSTEMS (BC 1705.15) B. ELEVATORS C. PLUMBING PIPING D. STANDPIPE SYSTEMS (BC 1704.22) E. SPRINKLER SYSTEMS (BC 1704.21)</p> <p>EQUIPMENT REQUIRING USE PERMITS SHALL BE INSPECTED AND TESTED TO DETERMINE PROPER FUNCTIONING AND COMPLIANCE WITH THE BUILDING CODE AND OTHER APPLICABLE LAWS AND REGULATIONS. ALL INSPECTIONS AND TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIRED INSPECTION AND TEST PROCEDURES; AND SIGNED COPIES OF REQUIRED INSPECTIONS AND TEST REPORTS SHALL BE FILED WITH THE DEPARTMENT OF BUILDINGS AND FORM PART OF THE PAPERS ACCOMPANYING THE PERMIT APPLICATION. IN THE CASE OF HEATING SYSTEMS, A SIGNED STATEMENT BY ARCHITECT OR ENGINEER SHALL BE SUBMITTED WITH THE PERMIT APPLICATION, STATING THAT THE SYSTEM HAS BEEN OPERATED AND FUNCTIONS SATISFACTORY, AND THAT TO THE BEST OF KNOWLEDGE AND BELIEF, THE SYSTEM WILL MEET THE CODE TEMPERATURE REQUIREMENT.</p> <p>59. SPRINKLER SYSTEM SHALL COMPLY WITH BC 1704.21 SEPARATE SPRINKLER APPLICATION SHALL BE FILED AND APPROVAL OBTAINED.</p> <p>60. STANDPIPE WILL BE INSTALLED IN ACCORDANCE WITH BC 1704.22. SEPARATE STANDPIPE APPLICATION WILL BE FILED.</p> <p>61. SEPARATE ELEVATOR APPLICATION WILL BE FILED.</p> <p>62. BUILDING TO BE PROVIDED WITH RODENT-PROOFING AS PER BC SECTION F101.</p> <p>63. ALL CLEANING OF WINDOWS WILL BE IN CONFORMITY WITH THE WINDOW CLEANING CODE.</p> <p>64. FIREPROOFING A. THE OCCUPANCY CLASSIFICATION OF THE LAB AREA IS OCCUPANCY GROUP B, PER BC 304.1 B. THE OCCUPANCY CLASSIFICATION OF THE DINING PAVILION ON LEVEL 3 RIVER BUILDING IS OCCUPANCY GROUP A2, PER BC 303.1 C. THE OCCUPANCY CLASSIFICATION OF THE INTERACTIVE CONFERENCE CENTER MAIN FLOOR I OCCUPANCY GROUP A3, PER BC 303.1 D. THE VARIOUS OCCUPANCIES REQUIRED TO BE SEPARATED FROM EACH OTHER BY FIRE SEPARATING OR DIVISIONS AS PER BC 302.1 SHALL BE SO SEPARATED BY PARTITIONS HAVING THE REQUIRED FIRE RATING IN ACCORDANCE WITH BC 508.4.4 E. THE CONSTRUCTION CLASSIFICATION OF THE BUILDING IS CONSTRUCTION GROUP B NON-COMBUSTIBLE TYPE IB AND BC 602 IN ACCORDANCE WITH AREA AND HEIGHT LIMITATIONS AS SPECIFIED IN TABLE 503 AND BC 503. THE CONSTRUCTION ELEMENTS SHALL BE OF THE REQUIRED MINIMUM FIRE RESISTANCE RATING AS OUTLINED IN TABLE 601 AND DEFINED IN BC 602. F. PROVIDE SPRINKLERS FOR ENTIRE BUILDING.</p> <p>65. EXIT DOORS SHALL BE READILY OPENABLE AT ALL TIME FROM THE SIDE WHICH EGRESS IS TO BE MADE. DOORS OPENING INTO INTERIOR ENCLOSED STAIR SHALL NOT BE LOCKED FROM EITHER SIDE EXCEPT THAT DOOR MAY BE LOCKED TO PREVENT ACCESS TO THE STAIR FROM THE OUTDOORS AT THE CAMPUS LEVEL.</p> <p>66. FIRE DIVISION SHALL COMPLY WITH PROVISIONS OF TABLE 508.3.3 AND SHALL BE CONTINUOUS THROUGH ANY CONCEALED SPACE IN FLOOR OR ROOF CONSTRUCTION.</p> <p>67. NO CONDUIT, PIPES, CABINETS, ETC. SHALL ENCR OACH ON PARTITIONS ENCLOSING STAIRS OR ELEVATOR SHAFTS OR OTHER RATED PARTITIONS.</p> <p>68. PENETRATION OF OPENINGS IN WALLS, PARTITIONS, OR FLOORS FOR PIPE SLEEVES, MEDICINE CABINETS, HAMPER'S ELECTRIC DEVICES, ETC., SHALL BE PACKED AND SEALED.</p> <p>69. FIRE PREVENTION APPLICATIONS WILL BE FILED IF REQUIRED FOR ALL INSTALLATIONS.</p> <p>70. WOOD REQUIRED TO BE FIRE-RETARDANT-TREATED SHALL BE TESTED IN ACCORDANCE WITH ASTM E84-2001.</p>	<p>71. INTERIOR DEMOUNTABLE PARTITIONS ENCLOSING OFFICE AND SUPPORT SPACES ARE REQUIRED TO HAVE CLASS B FLAME SPREAD INDEX IN ACCORDANCE WITH BC TABLE 803.5 AND ASTM E84.</p> <p>72. ALL COMBUSTIBLE FLOORING SHALL CONFORM WITH THE REQUIREMENTS OF BC 804.4.1 THRU BC 804.4.4</p> <p>73. FINISH FLOORING IN ALL EXITS SHALL BE OF NON-COMBUSTIBLE MATERIALS (BC 804.4)</p> <p>74. THE BUILDING SITE IS IN A FLOOD ZONE.</p> <p>75. THE DESIGN, DETAILS AND NOTES INCLUDED HEREBY ARE IN COMPLIANCE WITH LOCAL LAW 17-94 EARTHQUAKE LAW.</p>	



<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>EXCAVATION AND FOUNDATION PERMIT</td> <td>5-JAN-15</td> </tr> <tr> <td>2</td> <td>DESIGN DEVELOPMENT</td> <td>27-FEB-15</td> </tr> <tr> <td>3</td> <td>DOB SUBMISSION</td> <td>12-MAR-15</td> </tr> <tr> <td>4</td> <td>DOB SUBMISSION</td> <td>31-JULY-15</td> </tr> <tr> <td>5</td> <td>E&F ADDENDUM</td> <td>31-JULY-15</td> </tr> <tr> <td>6</td> <td>DOB SUBMISSION</td> <td>20-AUG-15</td> </tr> <tr> <td>7</td> <td>DOB SUBMISSION - RB</td> <td>01-OCT-15</td> </tr> <tr> <td>8</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> </tr> <tr> <td>9</td> <td>DOB SUBMISSION - RB</td> <td>16-DEC-15</td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15	2	DESIGN DEVELOPMENT	27-FEB-15	3	DOB SUBMISSION	12-MAR-15	4	DOB SUBMISSION	31-JULY-15	5	E&F ADDENDUM	31-JULY-15	6	DOB SUBMISSION	20-AUG-15	7	DOB SUBMISSION - RB	01-OCT-15	8	PROGRESS SET	30-OCT-15	9	DOB SUBMISSION - RB	16-DEC-15	<p>ARCHITECTS PROJECT NUMBER 664.100</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE N.T.S.</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING TITLE GENERAL NOTES</p> <p>DRAWING NUMBER A-004.00</p> <p>SHEET REV. Sheet 4 of 315</p>
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BUILDING INFORMATION

OWNER:
ROCKEFELLER UNIVERSITY

ADDRESS:
1228 YORK AVENUE
NEW YORK, NY 10065

BLOCK:
1480

LOT:
9010

OCCUPANCY CLASSIFICATION:
B

OCCUPANCY GROUPS:
B NON PRODUCTION LAB
A-2 ASSEMBLY
A-3 ASSEMBLY

WORK UNDER:
2014 NYC BUILDING CODE

CONSTRUCTION CLASSIFICATION:
TYPE IB - NON COMBUSTIBLE FULLY SPRINKLERED

STRUCTURAL CATEGORY:
2

BUILDING HEIGHT:
64 FEET

BUILDING STORIES:
3

FIRE DISTRICT:
YES

FIRE DEPARTMENT ACCESS:
LEVEL 2 AND LEVEL 3

FIRE RATINGS:
FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (PER BC TABLE 601):

BUILDING ELEMENT	TYPE I B	PROPOSED
STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS AND TRUSSES	2 HOUR	2 HOUR
BEARING WALLS, EXTERIOR	2 HOUR	2 HOUR
BEARING WALLS, INTERIOR	2 HOUR	2 HOUR
FLOOR CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS	2 HOUR	2 HOUR
ROOF CONSTRUCTION, INCLUDING SUPPORTIN GBEAMS AND JOISTS	1 HOUR	1 HOUR

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (PER BC TABLE 602):

FIRE SEPARATION DISTANCE (FEET)	TYPE IB CONSTRUCTION, COOUPANCY GROUP A, B	PROPOSED
X<5	1 HOUR	1 HOUR
5<X<10	1 HOUR	1 HOUR
10<X<30	1 HOUR	1 HOUR
X>30	0 HOUR	0 HOUR

FIRE-RESISTANCE RATING FOR FIRE BARRIER ASSEMBLIES BETWEEN FIRE AREAS (PER BC TABLE 707.3.9):

OCCUPANCY GROUP	FIRE-RESISTANCE RATING	PROPOSED
A, B	2 HOUR	2 HOUR

BUILDING GROSS AREA:
RIVER BUILDING 154,028 GSF
ICC 5,296GSF

AREA AND HEIGHT RESTRICTIONS (PER BC TABLE 503):

	PERMITTED	PROPOSED
HEIGHT (B, A-3)	UL	64 FEET
AREA PER FLOOR (B, A-3)	UL	69,941 MAX

MEANS OF EGRESS:
*BUILDING FULLY SPRINKLERED

MAXIMUM TRAVEL DISTANCE:

OCCUPANCY GROUP	MAXIMUM TRAVEL DISTANCE (PER BC 1018.1)		PROPOSED	
B	300 FEET		<300 FEET	
A-2, A-3 (PER BC 1028.7)	PRIMARY	SECONDARY	PRIMARY	SECONDARY
	150 FEET	250 FEET	<150 FEET	< 250 FEET

MAXIMUM DEAD END:

OCCUPANCY GROUP	MAXIMUM DEAD END (PER BC 1018.4.2)	PROPOSED
B	50 FEET	<50 FEET

SPECIAL INSPECTION ITEMS:

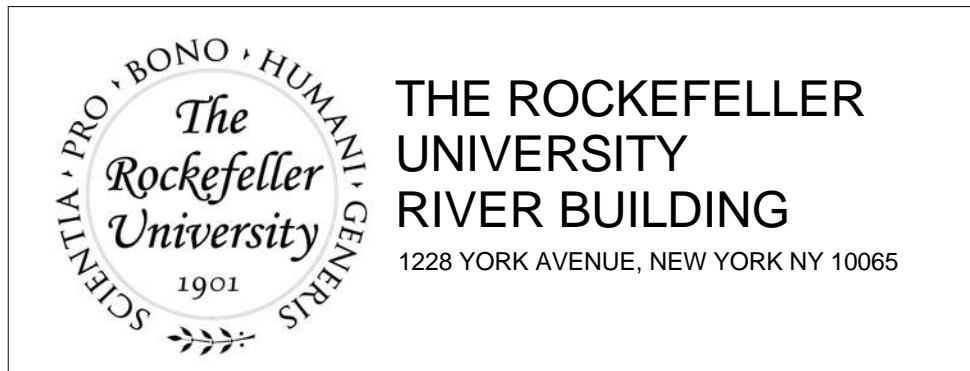
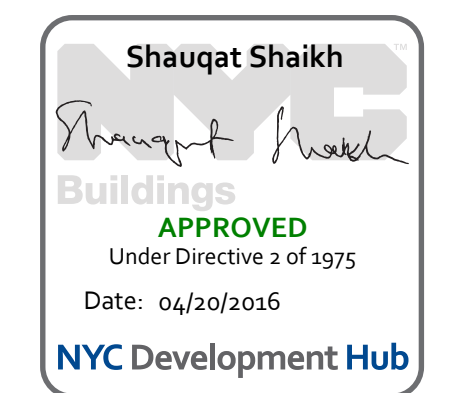
STRUCTURAL STEEL - WELDING	BC 1704.3.1
STRUCTURAL STEEL - HIGH STRENGTH BOLTING	BC 1704.3.3
CONCRETE - CAST IN PLACE	BC 1704.4
SUBGRADE INSPECTION	BC 1704.7.1
SUBSURFACE CONDITIONS - FILL PLACEMENT AND IN-PLACE DENSITY	BC 1704.7.2, BC 1704.7.3
SUBSURFACE INVESTIGATIONS (BORING/TEST PITS)	BC 1704.7.4
DEEP FOUNDATION ELEMENTS	BC 1704.8
WALL PANELS, CURTAIN WALLS AND VENEERS	BC 1704.10
MECHANICAL SYSTEMS	BC 1704.16
EXCAVATION - SHEETING, SHORING, AND BRACING	BC 1704.20.2
PRIVATE ON-SITE STORM WATER DRAINAGE DISPOSAL SYSTEMS, AND DETENTION SYSTEM INSTALLATION	BC 1704.21.2
FIRE RESISTANT PENETRATIONS AND JOINTS	BC 1704.27
FLOOD ZONE COMPLIANCE	BC 1704.29, G105
EMERGENCY AND STANDBY POWER SYSTEMS (GENERATORS)	BC 1904.31
CONCRETE DESIGN MIX	BC 1905.3, 1913.5
CONCRETE SAMPLING AND TESTING	1905.6, 1913.10

PROGRESS INSPECTION ITEMS:

FOOTING AND FOUNDATION	BC 110.3.1
ENERGY CODE COMPLIANCE INSPECTIONS	BC 110.3.5
FIRE-RESISTANCE RATED CONSTRUCTION	BC 110.3.4
PUBLIC ASSEMBLY EMERGENCY LIGHTING	28-116.2.2

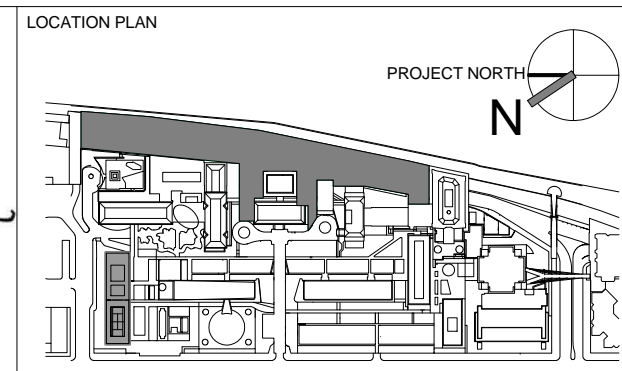
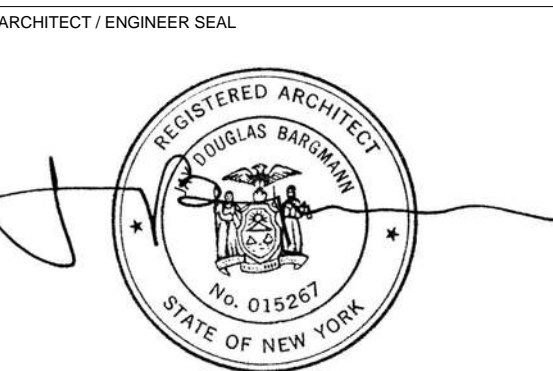
FLOOD ZONE:

THE BUILDING SITE IS IN FLOOD ZONE AE (REFER TO FIRM 2007 AND PFRM 2013)



ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060
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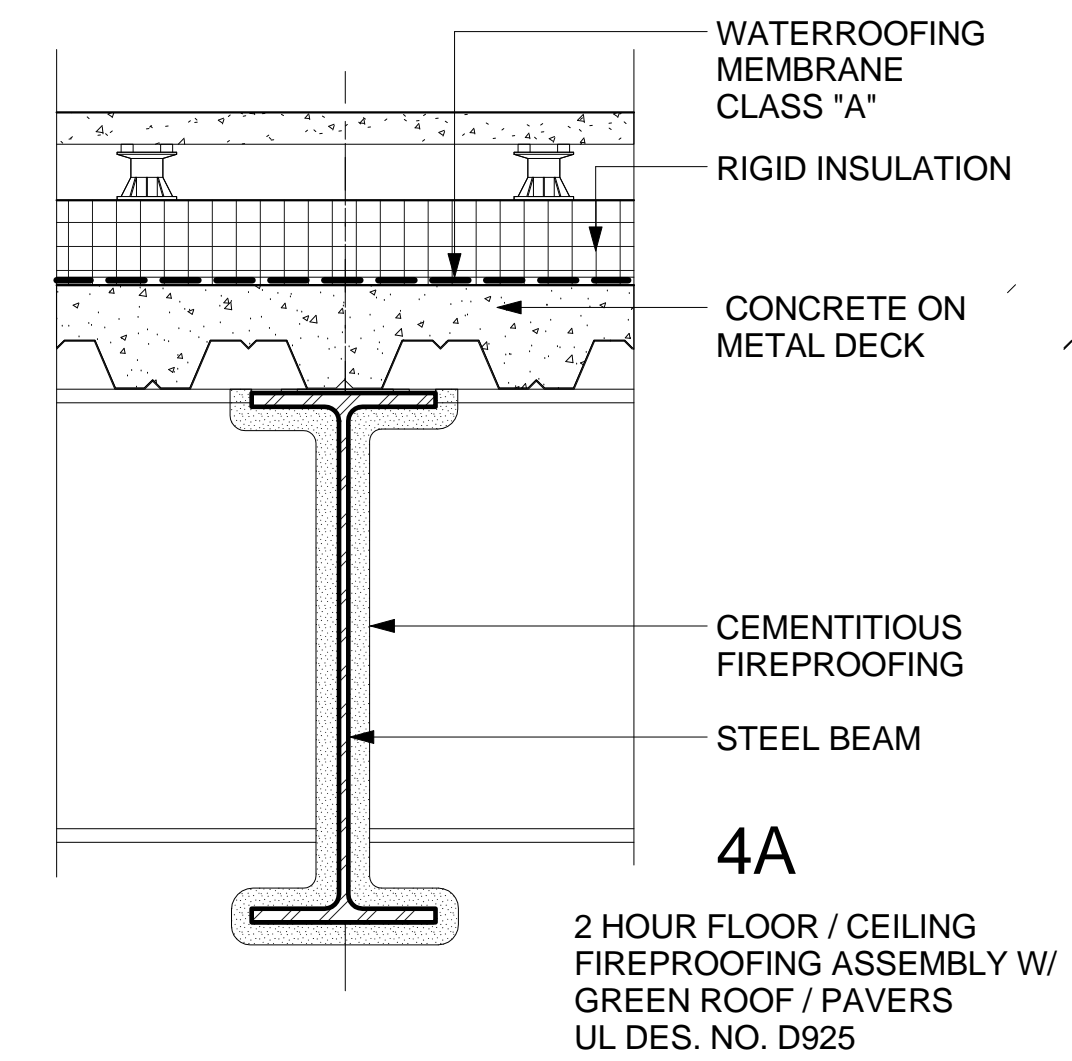


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1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15	664.100	LIFE SAFETY PLANS GENERAL NOTES
2	DESIGN DEVELOPMENT	27-FEB-15		
3	DOB SUBMISSION	12-MAR-15		
4	DOB SUBMISSION	31-JULY-15		
5	E&F ADDEMDUM	31-JULY-15		
6	DOB SUBMISSION	20-AUG-15		
7	DOB SUBMISSION - RB	01-OCT-15		
8	DOB SUBMISSION - RB	16-DEC-15		

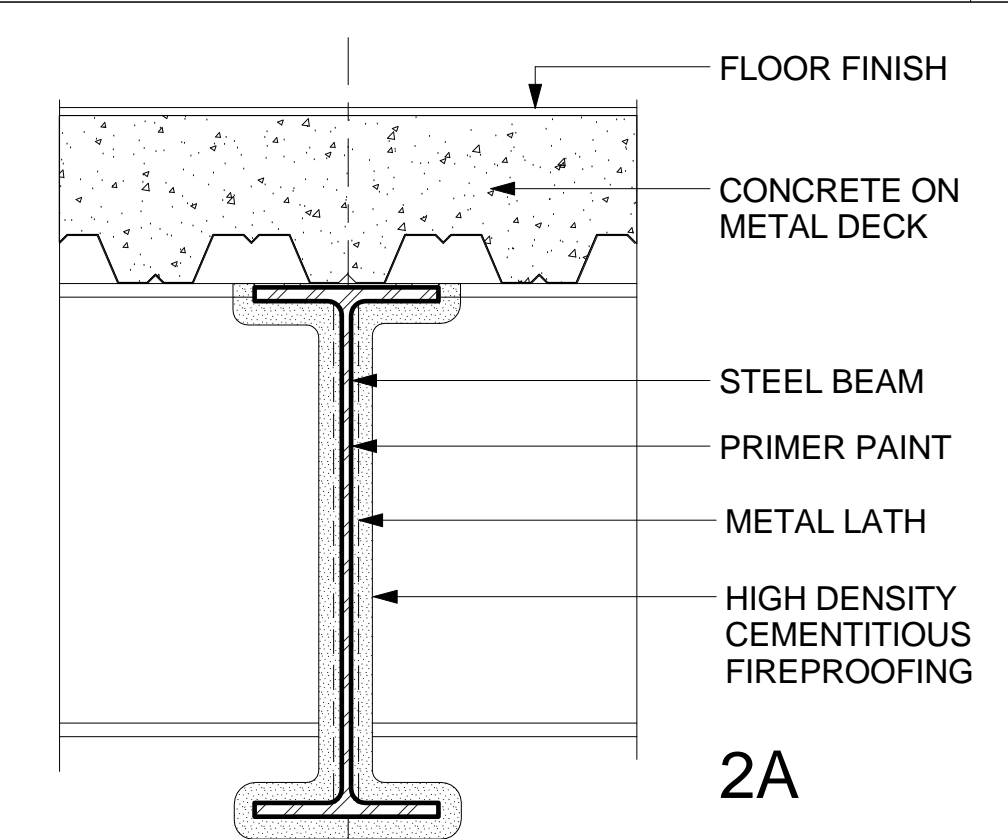
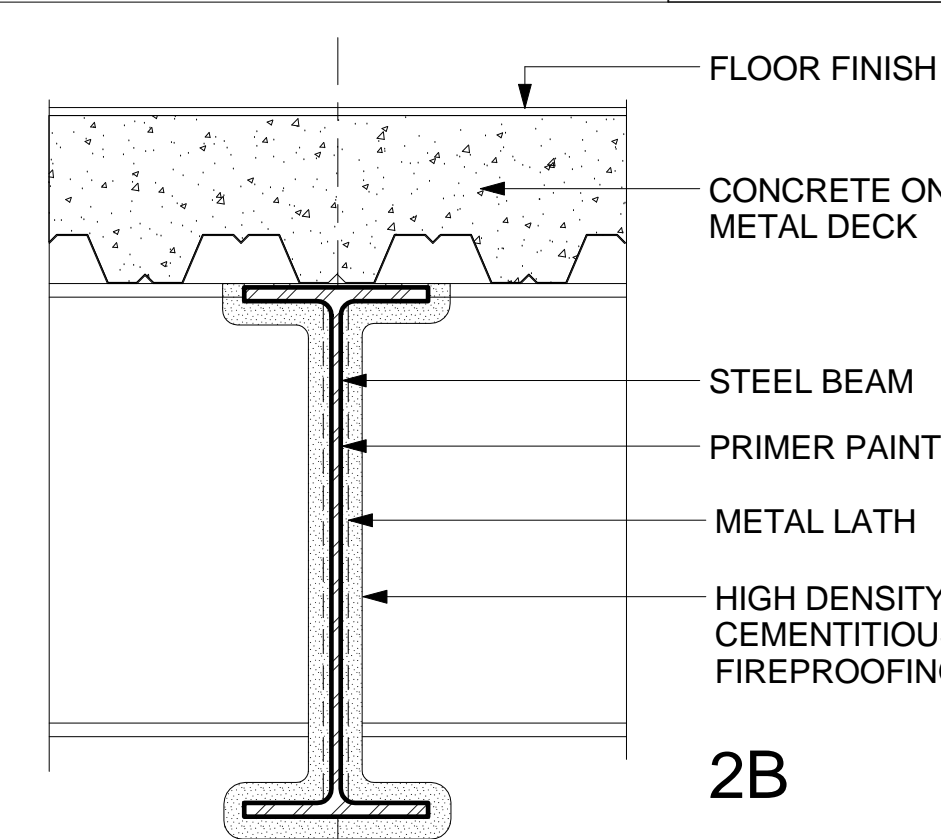
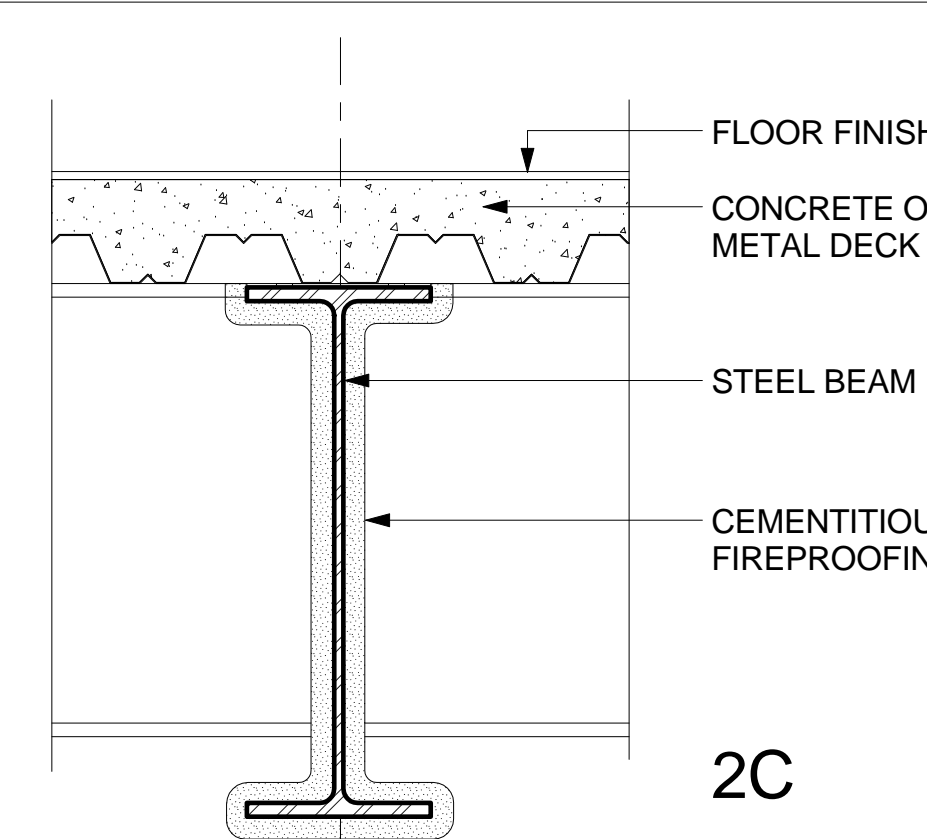
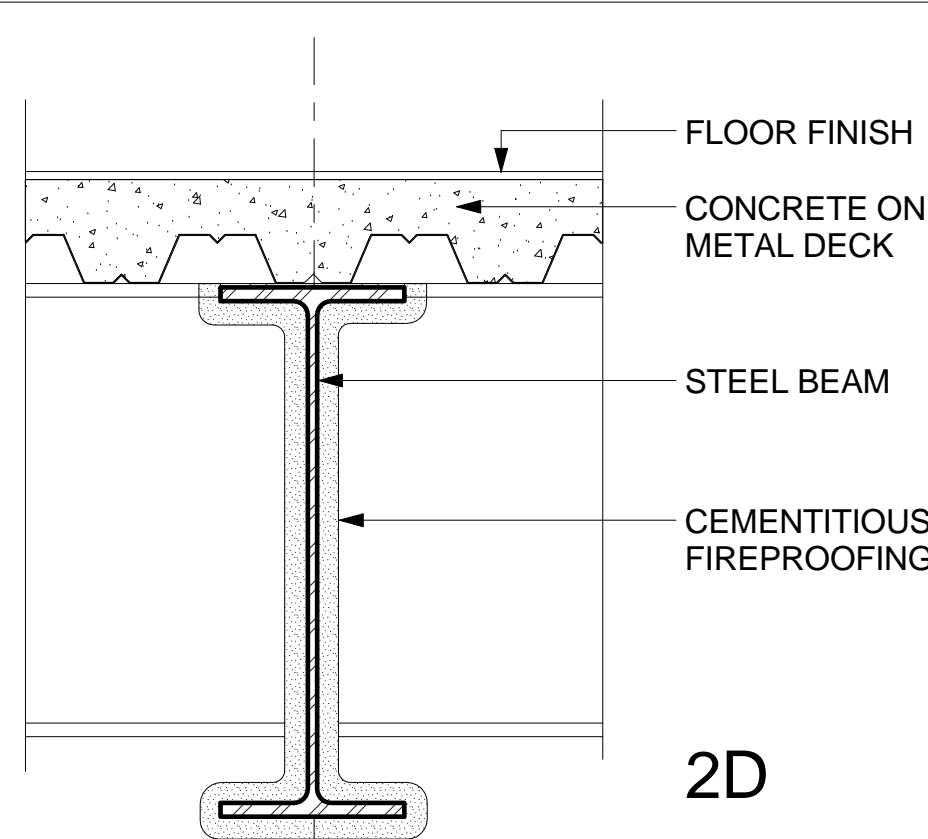
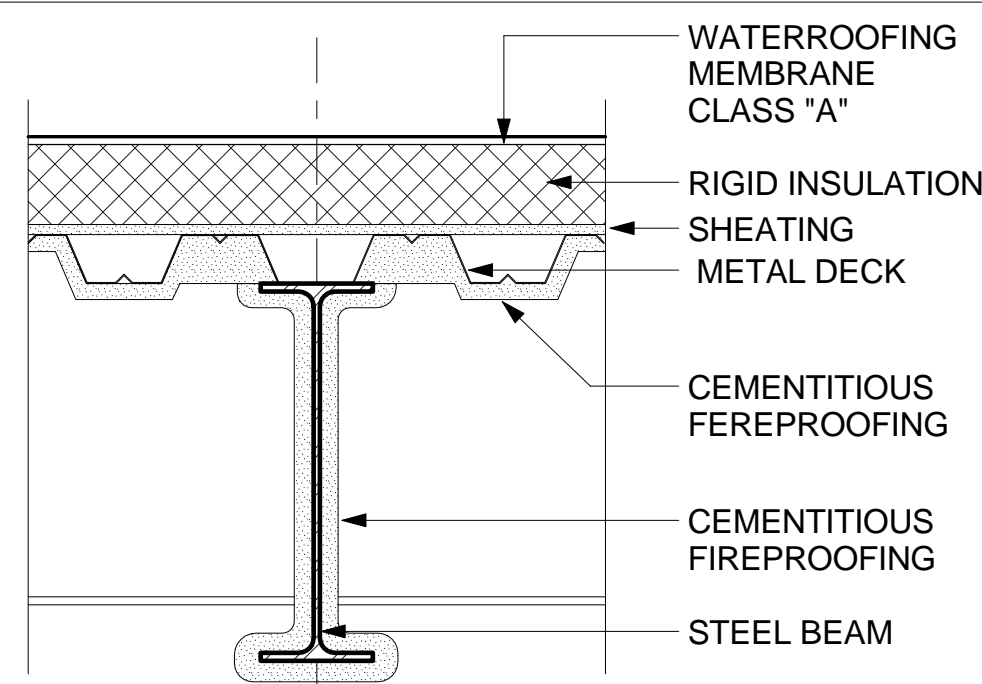
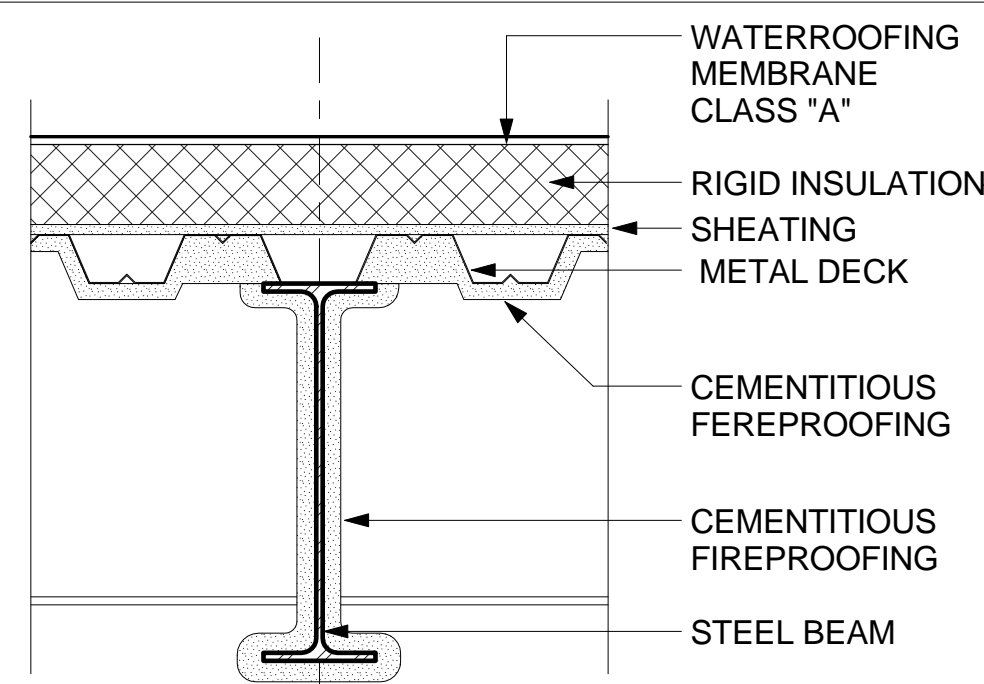
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DRAWING SIZE 24" x 36"	DRAWING SCALE N.T.S.
PROJECT PHASE CONSTRUCTION DOCUMENTS	DRAWING NUMBER A-006.00
	Sheet 6 of 315

FIREPROOFING SCHEDULE

STRUCTURAL ELEMENT	MATERIAL DESCRIPTION	CONDITION	FLOOR LEVEL	LOCATION/COLUMN MARKS	FIRE RATING	DESIGN ASSEMBLY	TYPE OF FIREPROOFING/REMARKS	DETAIL
COLUMNS	STEEL WF SECTION	EXTERIOR	LEVEL D	Y COLUMNS	3 HOUR	UL DES. NO. XR609	INTUMESCENT PAINT	1G
		EXTERIOR	LEVEL D	WEST SIDE COLUMNS AT FDR	3 HOUR	UL DES. NO. X854	ULTRA HIGH DENSITY CEMENTITIOUS FIREPROOFING	1A
		EXTERIOR - W/ FINISH	LEVEL D	OVAL PRECAST COLUMNS	3 HOUR	UL DES. NO. X854	ULTRA HIGH DENSITY CEMENTITIOUS FIREPROOFING	
		INTERIOR	LEVEL 1, 2, 3	(NEW DESIGN)	2 HOUR	UL DES. NO. X645	INTUMESCENT PAINT	1C
		INTERIOR	LEVEL 1	MECHANICAL ROOMS	2 HOUR	UL DES. NO. X854	MEDIUM DENSITY CEMENTITIOUS FIREPROOFING	1D
		INTERIOR - W/ FINISH	LEVEL 1, 2, 3	TYPICAL	2 HOUR	UL DES. NO. X854	CEMENTITIOUS FIREPROOFING	1B
		INTERIOR W/ FINISH	LEVEL 1, 2, 3	BRACING	2 HOUR	UL DES. NO. Y710	CEMENTITIOUS FIREPROOFING	1E
	STEEL PIPE SECTION	INTERIOR	LEVEL 3	NORTH AND SOUTH PAVILLION	2 HOUR	UL DES. NO. X645	INTUMESCENT PAINT	1F
FLOOR/CEILING ASSEMBLIES	STEEL BEAMS/CONC. SLAB ON METAL DECK	EXTERIOR ASSEMBLY	LEVEL 1	ABOVE FDR	3 HOUR	UL DES. D925 (RESTRAINED)	ULTRA HIGH DENSITY CEMENTITIOUS FIREPROOFING	2A
		EXTERIOR BEAM	LEVEL 1	ABOVE FDR	3 HOUR	UL DES. N782 (RESTRAINED)	ULTRA HIGH DENSITY CEMENTITIOUS FIREPROOFING	2B
		INTERIOR ASSEMBLY - W/ CEILING	LEVEL 2	TYPICAL	2 HOUR	UL DES. D925 (RESTRAINED)	CEMENTITIOUS FIREPROOFING	2C
		INTERIOR BEAM	LEVEL 2	TYPICAL	2 HOUR	UL DES. N782 (RESTRAINED)	CEMENTITIOUS FIREPROOFING	2D
ROOF/CEILING ASSEMBLIES	STEEL BEAMS/CONC. SLAB ON METAL DECK	ASSEMBLY - W/ FINISHED CEILING	LEVEL 2,3	GREEN ROOF, PAVED ROOF	2 HOUR	UL DES. D925 (RESTRAINED)	CEMENTITIOUS FIREPROOFING	4A
		BEAM - W/ FINISHED CEILING	LEVEL 2,3	GREEN ROOF, PAVED ROOF	2 HOUR	UL DES. N782 (RESTRAINED)	CEMENTITIOUS FIREPROOFING	2D
	STEEL BEAMS/ROOFING MAT'S ON METAL DECK	ASSEMBLY - W/ FINISHED CEILING	LEVEL 1,3	ICC, PAVILIONS	1 HOUR	UL DES. P725	CEMENTITIOUS FIREPROOFING	3A
		BEAM - W/ FINISHED CEILING	LEVEL 1,3	ICC, PAVILIONS	1 HOUR	UL DES. S734	CEMENTITIOUS FIREPROOFING	3B



FOR DETAILS AND FIRE RESISTIVE MATERIAL THICKNESS REFER TO UL DESIGN
ROOF CEILING ASSEMBLIES - GREEN ROOF
1" = 1'-0" **4**

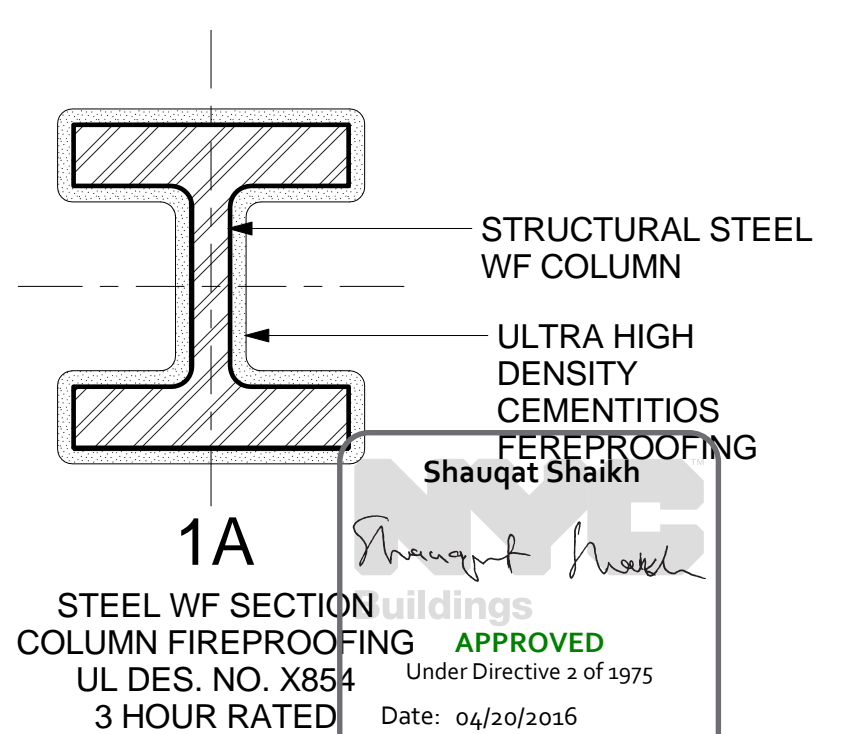
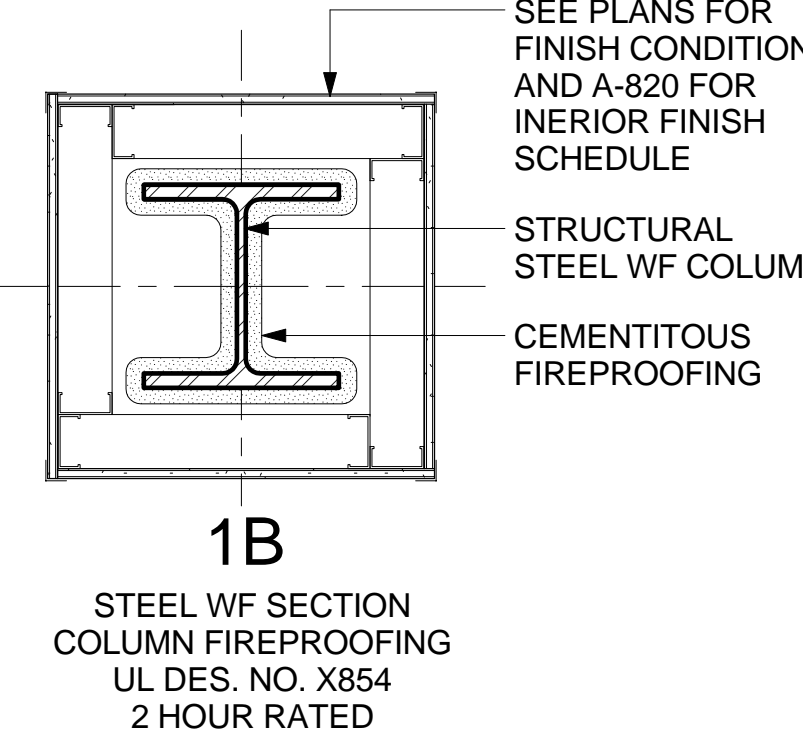
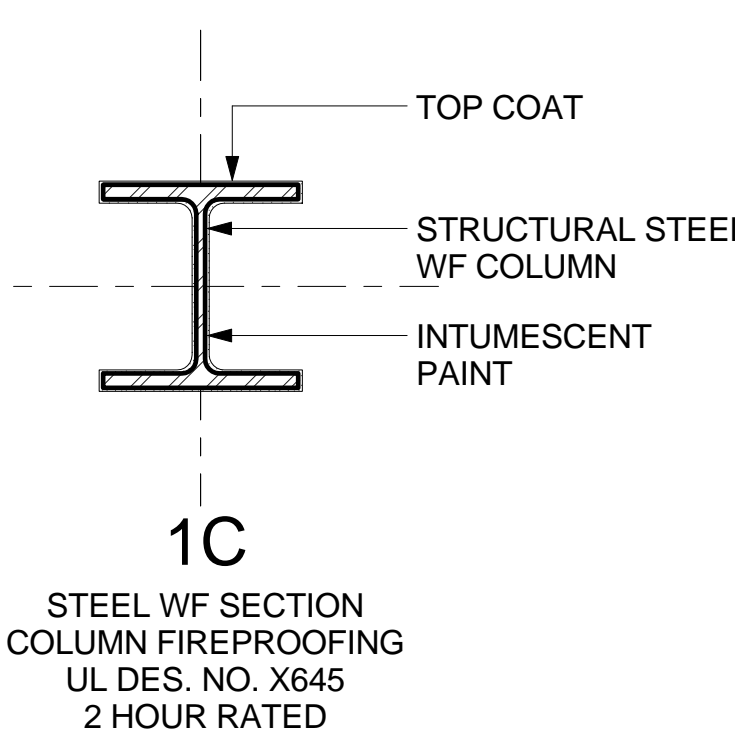
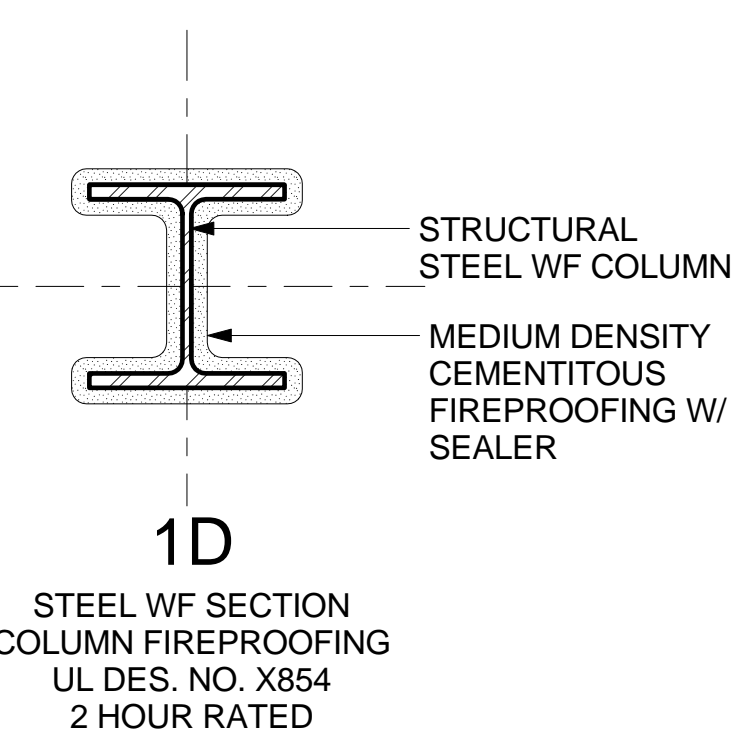
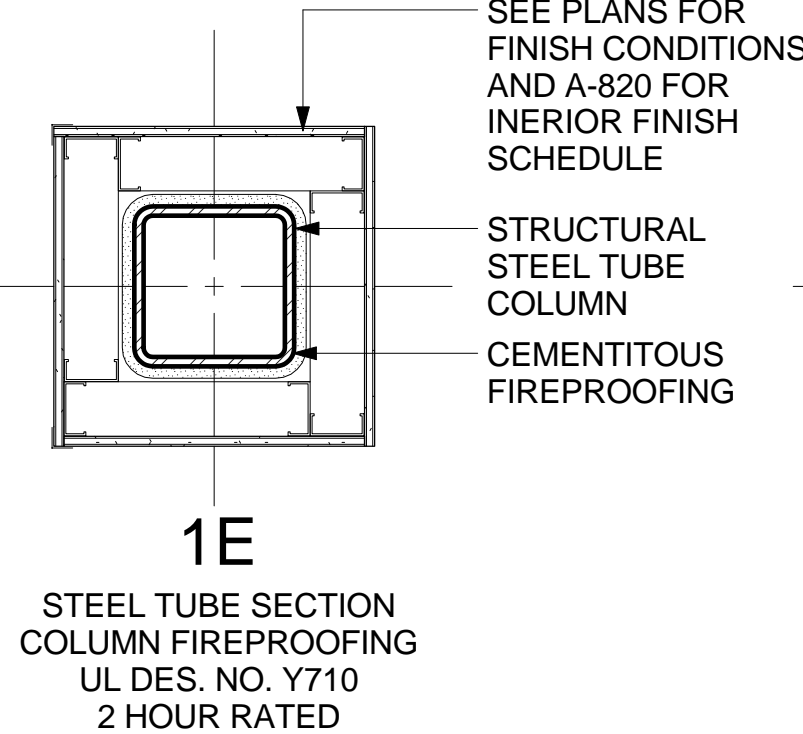
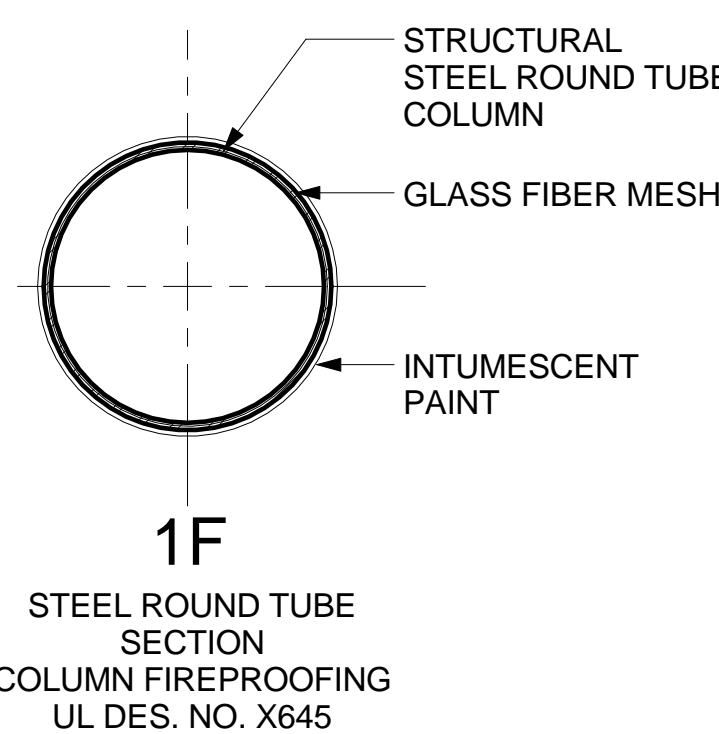
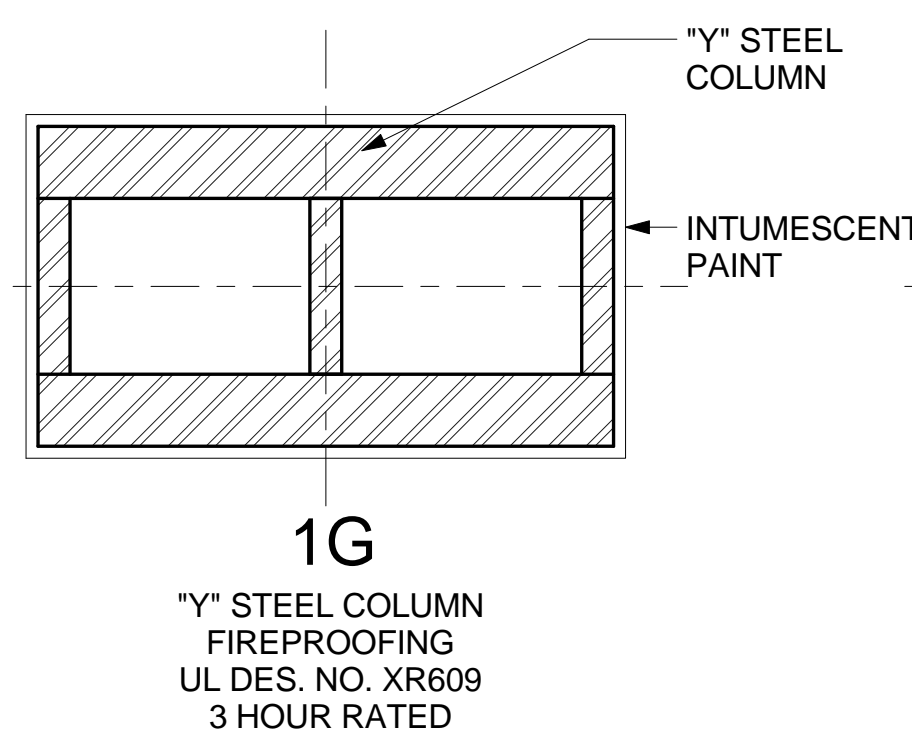


FOR DETAILS AND FIRE RESISTIVE MATERIAL THICKNESS REFER TO UL DESIGN

FOR DETAILS AND FIRE RESISTIVE MATERIAL THICKNESS REFER TO UL DESIGN

ROOF CEILING ASSEMBLIES
1" = 1'-0" **3**

FLOOR CEILING ASSEMBLIES
SCALE: 1" = 1'-0" **2**



FOR DETAILS AND FIRE RESISTIVE MATERIAL THICKNESS REFER TO UL DESIGN

COLUMN FIREPROOFING DETAILS
SCALE: 1" = 1'-0" **1**

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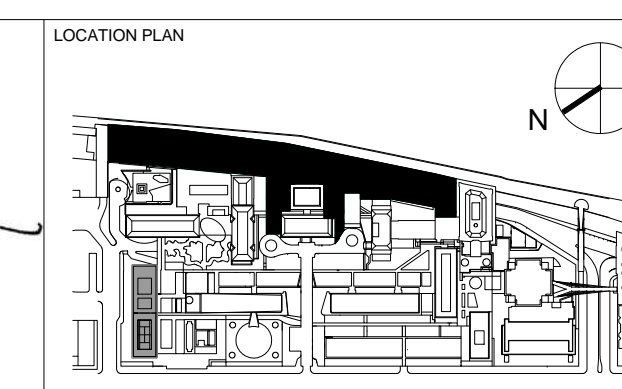
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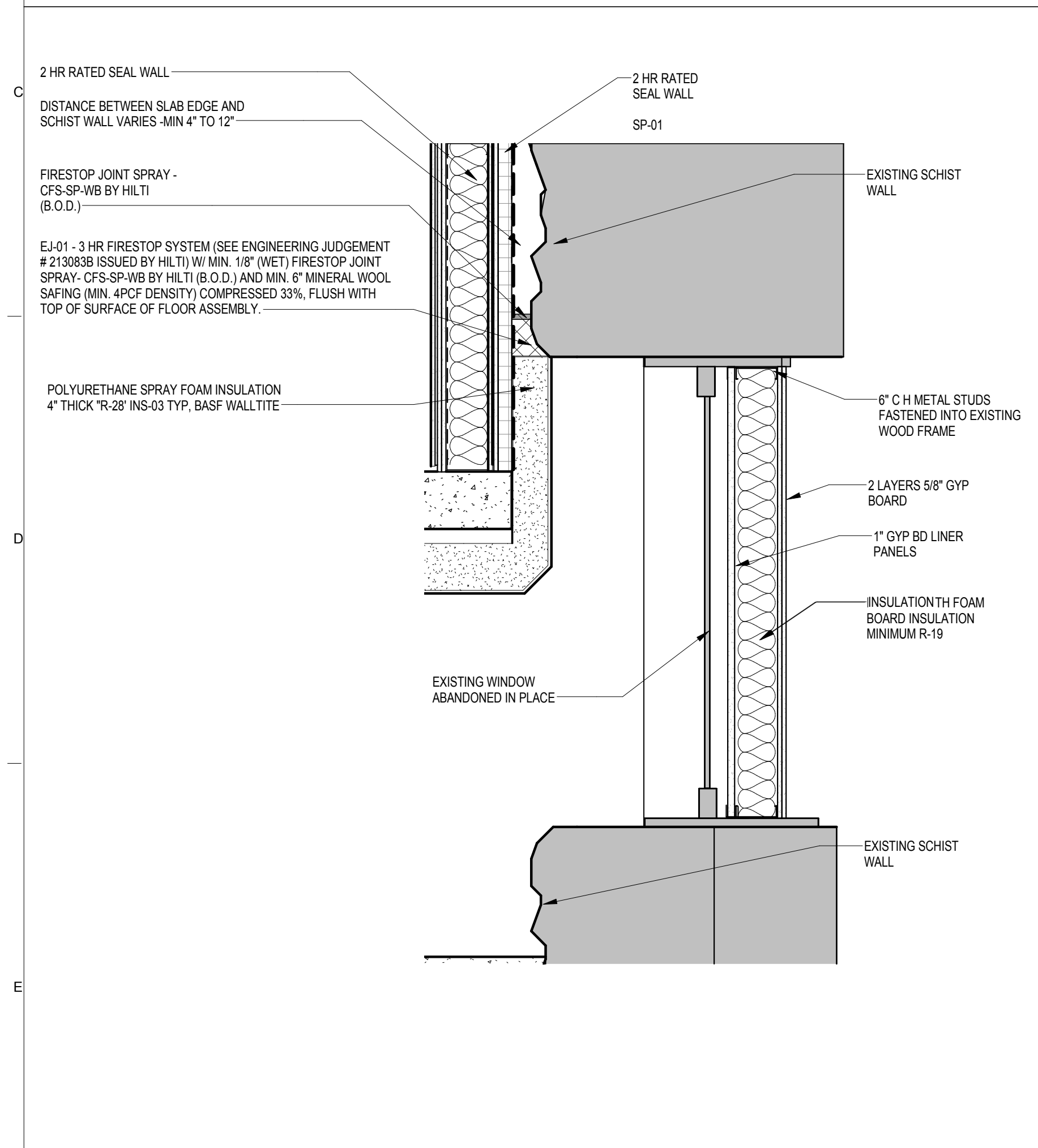
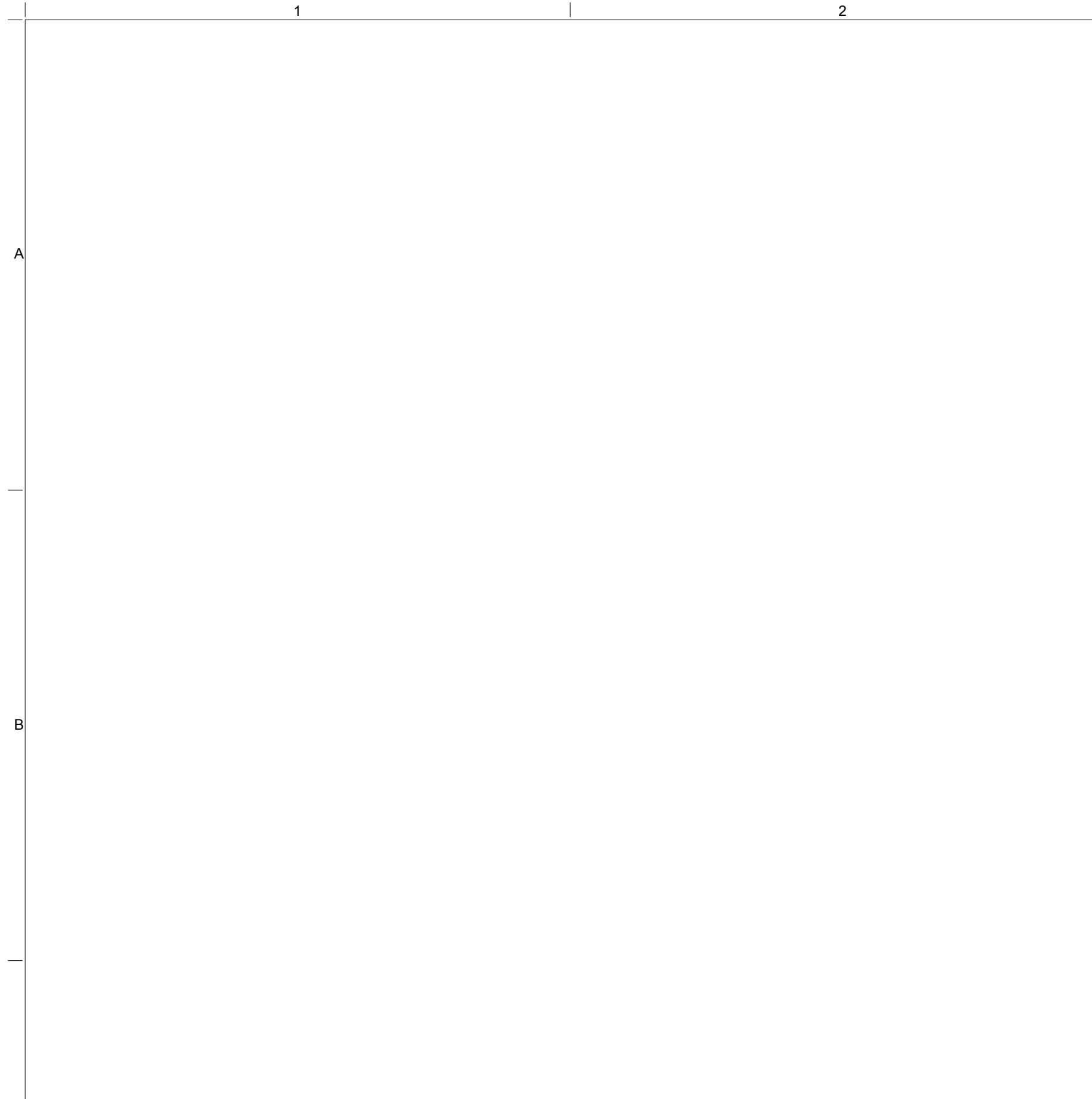


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F	DOB SUBMISSION - RB	17-DEC-15

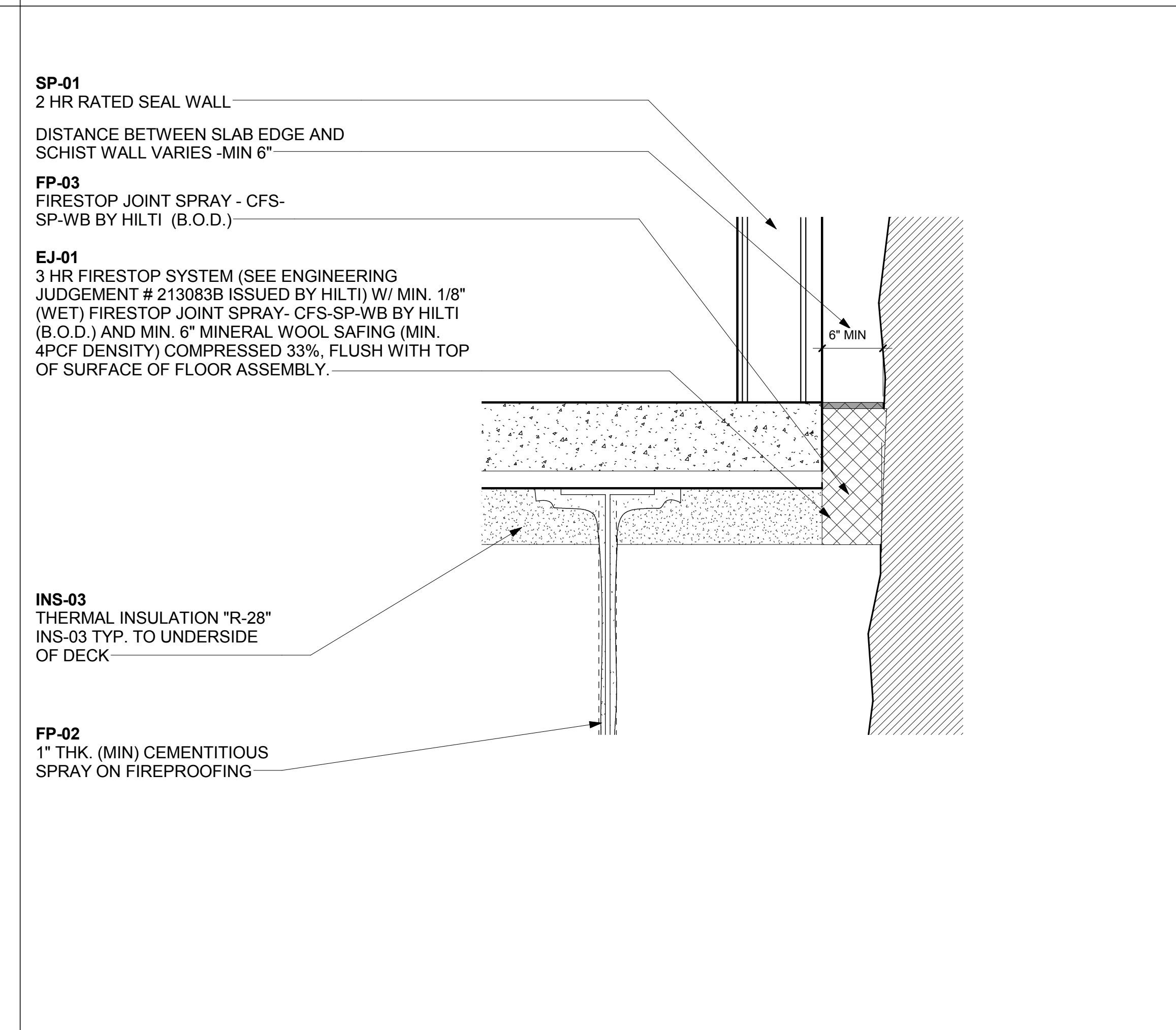
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DRAWING SCALE	1" = 1'-0"
PROJECT PHASE	CONSTRUCTION DOCUMENTS

FIREPROOFING SCHEDULE AND DETAILS

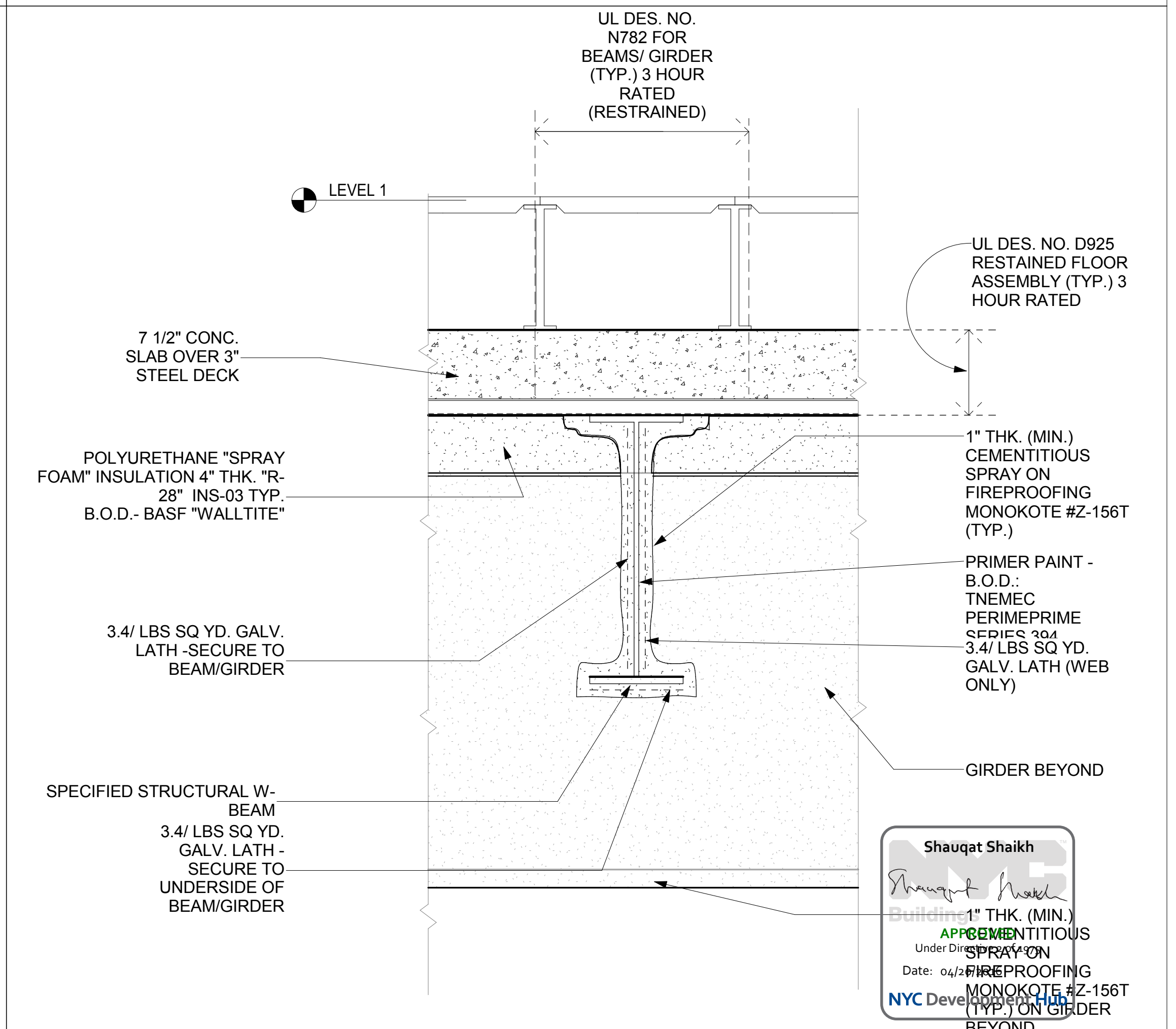
DRAWING NUMBER: **A-007.00**
Sheet 7 of 315



TYPICAL SECTION THRU HALF BLOCKED WINDOW
SCALE: 3/4" = 1'-0"



TYPICAL SECTION DETAIL AT WEST SIDE SLAB EDGE ABOVE FDR
SCALE: 1" = 1'-0"



BEAM SECTION / TYPICAL FIREPROOFING BASF
SCALE: 1" = 1'-0"

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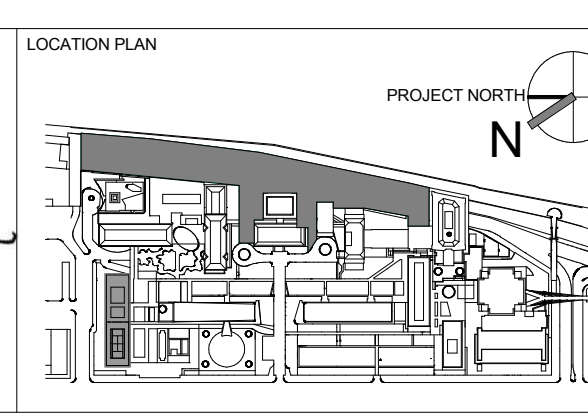
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ARCHITECT / ENGINEER SEAL
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REGISTERED ARCHITECT
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	17-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

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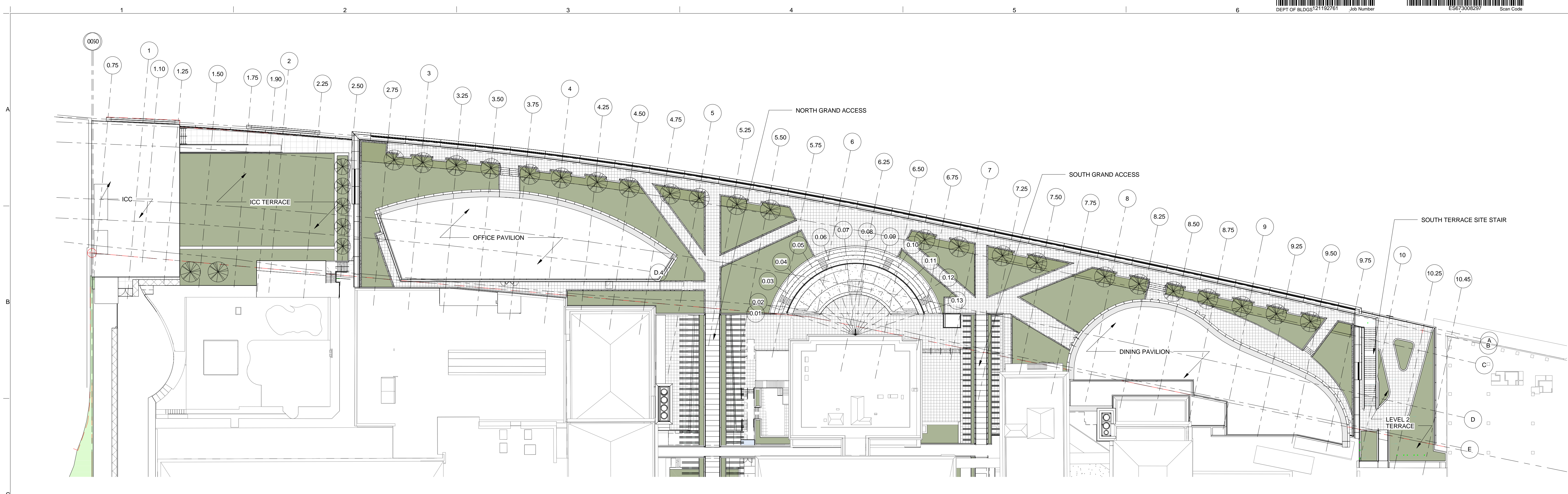
DRAWING SCALE
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PROJECT PHASE
CONSTRUCTION DOCUMENTS

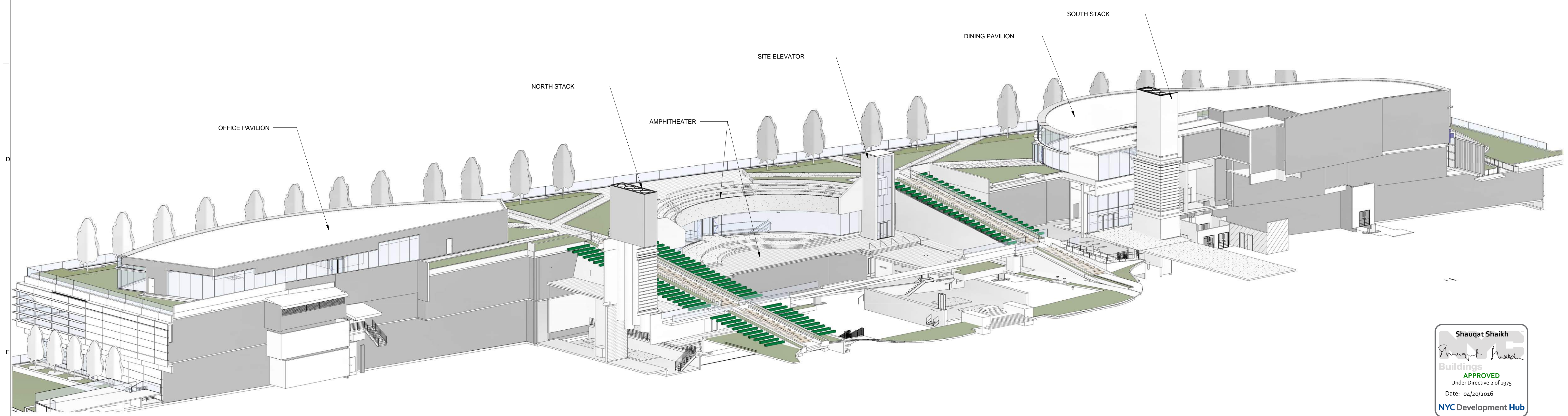
DRAWING TITLE
FIREPROOFING DETAILS

DRAWING NUMBER
A-008.00

Sheet 8 of 315



OVERALL PLAN
SCALE: 1/32" = 1'-0" 2



OVERALL AXONOMETRIC VIEW
SCALE: 1 1

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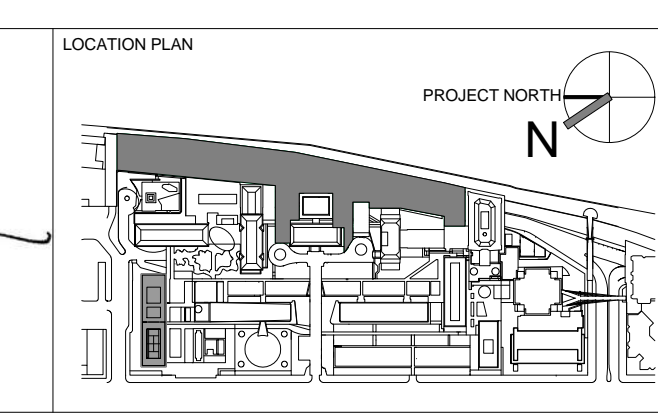
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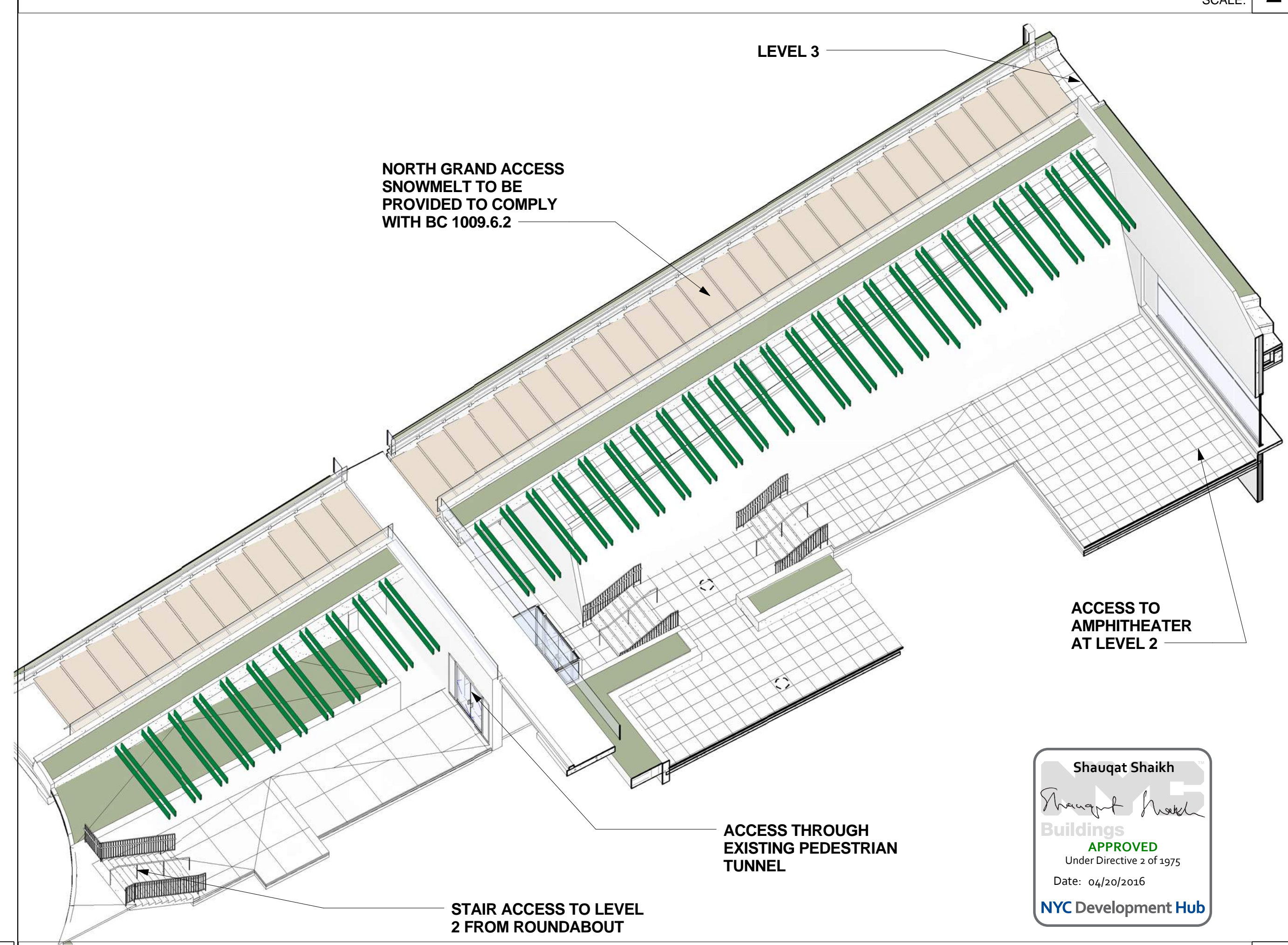
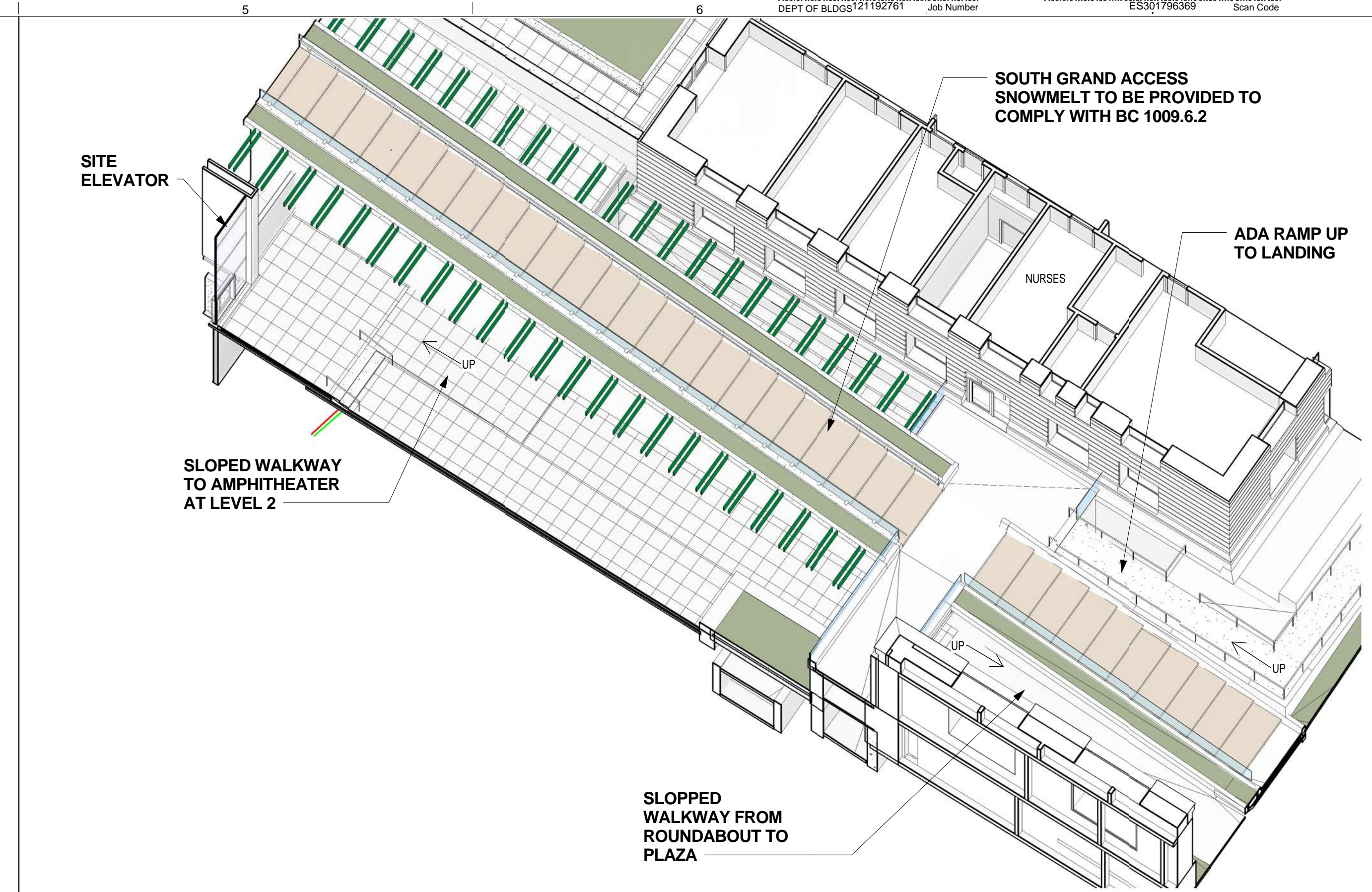
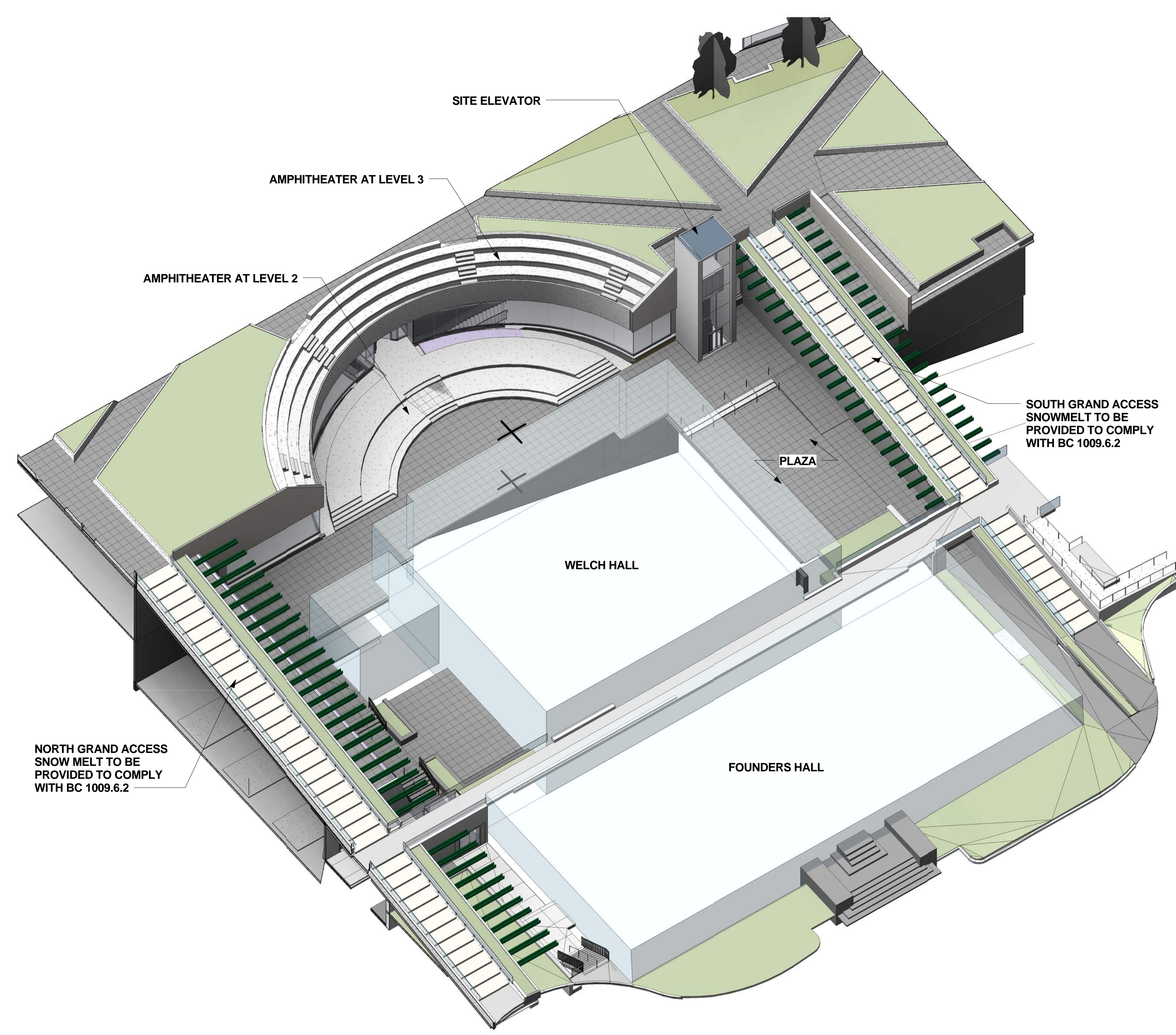


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
1	DOB SUBMISSION -RB	16-DEC-15	664.100	SITE PLAN AND OVERALL AXON VIEW

SHAUQAT SHAIKH Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub

DRAWING NUMBER
A-049.00
Sheet 9 of 315

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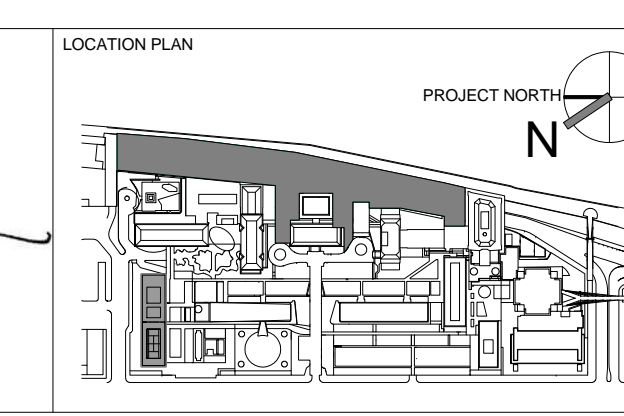


Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

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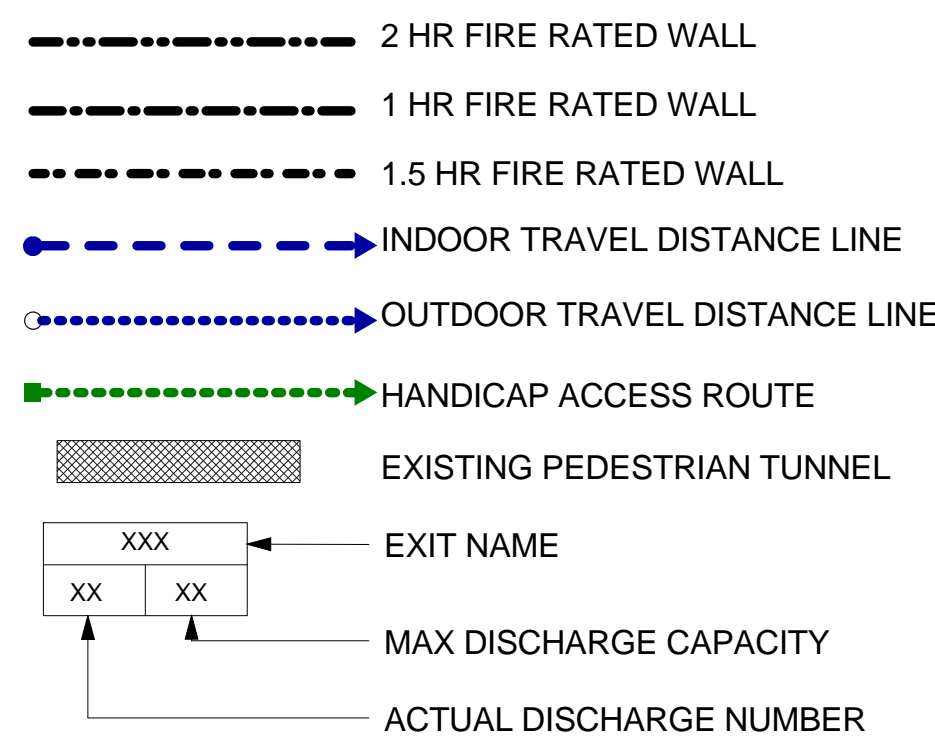


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1	DOB SUBMISSION	01-OCT-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER: 664.100
 DRAWING TITLE: LIFE SAFETY - AMPHITHEATER AXON VIEWS
 DRAWING SIZE: 24" x 36"
 DRAWING SCALE: NOT TO SCALE
 PROJECT PHASE: CONSTRUCTION DOCUMENTS

DRAWING NUMBER: A-050.00
 SHEET 10 OF 315
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LIFE SAFETY LEGEND



ICC MAIN LEVEL OCCUPANCY

SPACE	OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
CONFERENCE ROOM	A-3	2,359 NSF	7 NET	337
SUPPORT AREA	B	2,241 GSF	100 GROSS	23
TOTAL				360

EXTERIOR

SPACE	OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
ICC TERRACE	A-2	14,206 GSF	-	-

LABORATORY OCCUPANCY

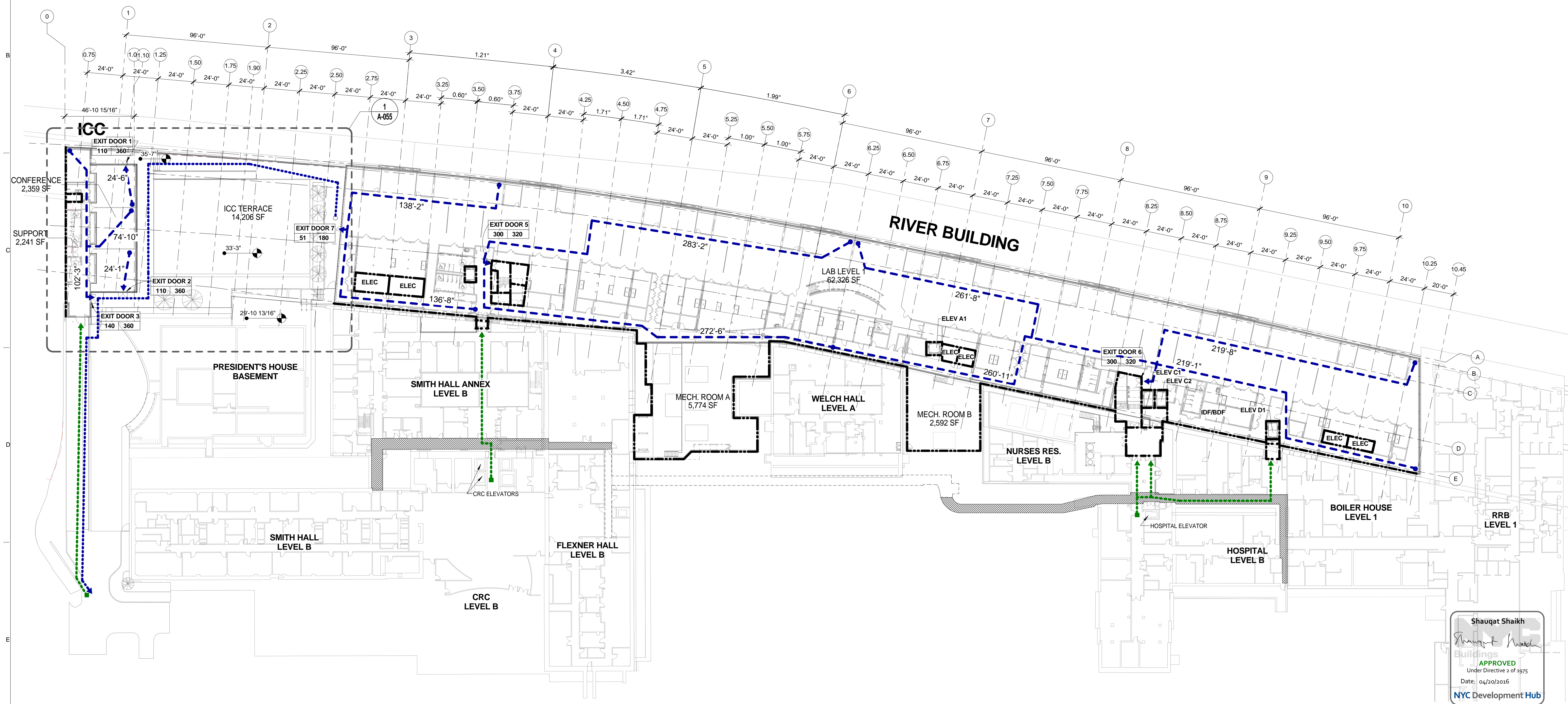
SPACE	OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
LABORATORY	B	62,326 GSF	100 GROSS	623
MECHANICAL RM A	B	5,774 GSF	300 GROSS	19
MECHANICAL RM B	B	2,592 GSF	300 GROSS	9
TOTAL				651

ICC MAIN LEVEL EGRESS CAPACITY

DOOR	NAME	WIDTH	MULTIPLIED BY	MAX CAPACITY
DOOR 1	72"	0.2	360	
DOOR 2	72"	0.2	360	
DOOR 3	72"	0.2	360	
TOTAL				1080 > 360 OK

LABORATORY EGRESS CAPACITY

STAIR	NAME	WIDTH	MULTIPLIED BY	MAX CAPACITY	DOOR	NAME	WIDTH	MULTIPLIED BY	MAX CAPACITY
STAIR A	96"	0.3	320		DOOR 5	64"	0.2	320	
STAIR C	96"	0.3	320		DOOR 6	64"	0.2	320	
TOTAL				640	TOTAL				820 > 651 OK



Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub

LEVEL 1 - LIFE SAFETY OVERALL PLAN
 SCALE: 1/32" = 1'-0" **2**

THE ROCKEFELLER UNIVERSITY
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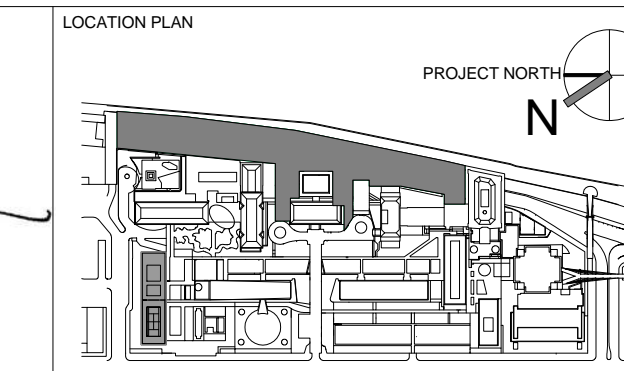
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
1	DOB SUBMISSION - RB	01-OCT-15
2	PROGRESS SET	30-OCT-15
3	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100
 DRAWING SIZE
 24" x 36"
 DRAWING SCALE
 1/32" = 1'-0"

DRAWING TITLE
LIFE SAFETY PLAN - LEVEL 1
 DRAWING NUMBER
A-051.00
 SHEET 11 OF 315
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LIFE SAFETY LEGEND

- 2 HR FIRE RATED WALL
- 1 HR FIRE RATED WALL
- 1.5 HR FIRE RATED WALL
- INDOOR TRAVEL DISTANCE LINE
- OUTDOOR TRAVEL DISTANCE LINE
- HANDICAP ACCESS ROUTE
- EXISTING PEDESTRIAN TUNNEL
- XXX EXIT NAME
- XX MAX DISCHARGE CAPACITY
- XX ACTUAL DISCHARGE NUMBER

EXTERIOR

SPACE	OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
LEVEL 2 TERRACE	A-2	5,310 GSF	-	-
AMPHITHEATER LEVEL 2	A-3	2,962 NSF	15 NET	198
TOTAL				198

LABORATORY OCCUPANCY

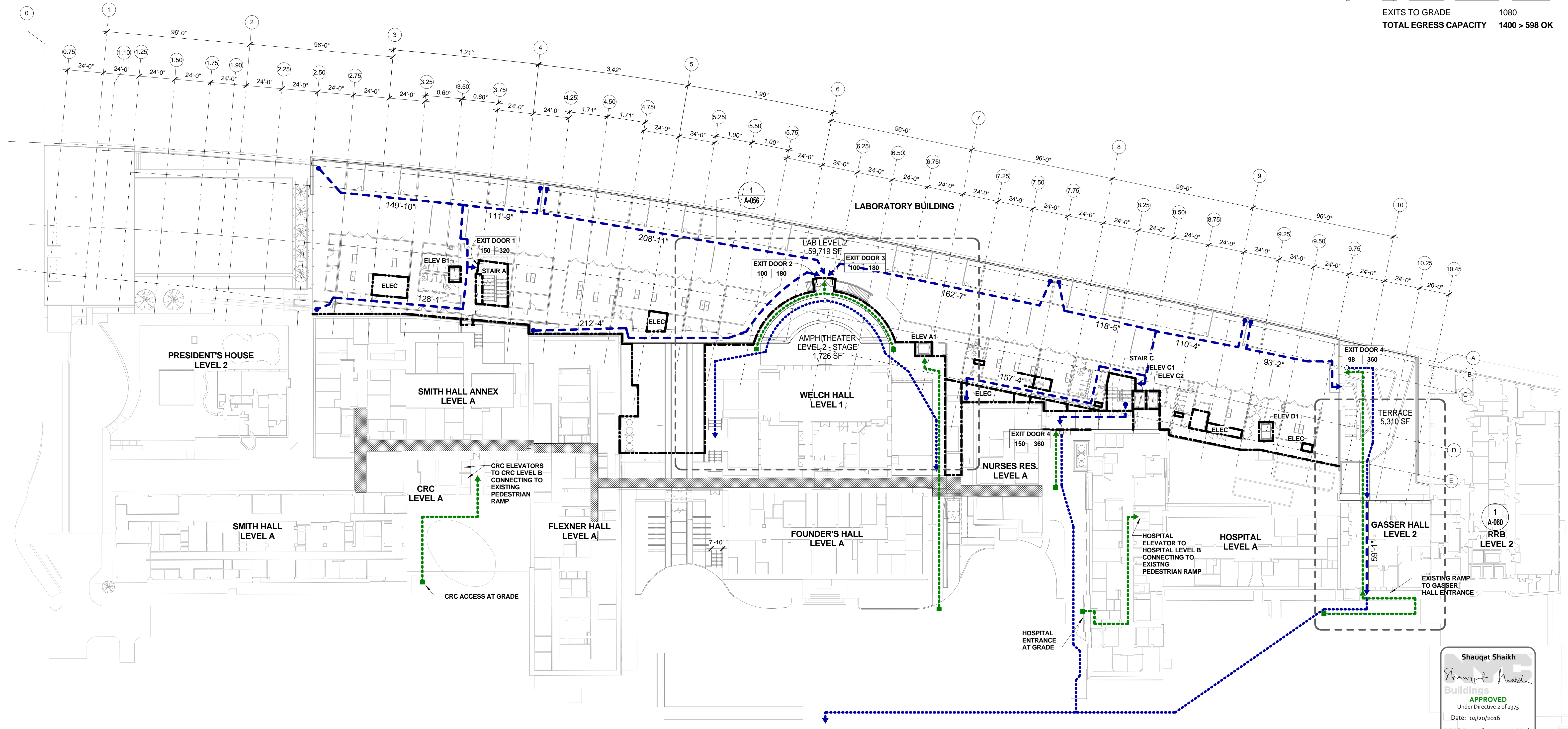
SPACE	OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
LABORATORY	B	59,719 GSF	100 GROSS	598
TOTAL				598

LABORATORY EGRESS CAPACITY

STAIR	WIDTH	MULTIPLIED BY	MAX CAPACITY	DOOR	WIDTH	MULTIPLIED BY	MAX CAPACITY
STAIR A	96"	0.3	320	DOOR 1	64"	0.2	320
TOTAL			320	TOTAL		320	

DOOR 2	36"	0.2	180
DOOR 3	36"	0.2	180
DOOR 3	72"	0.2	360
DOOR 4	72"	0.2	360

EXITS TO GRADE 1080
TOTAL EGRESS CAPACITY 1400 > 598 OK



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Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
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LEVEL 2 - LIFE SAFETY OVERALL PLAN
 SCALE: 1/32" = 1'-0" 2

The Rockefeller University
 RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
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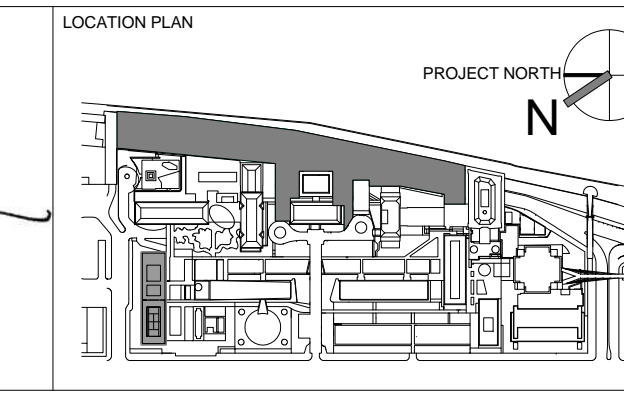
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
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 ONE LUX STUDIO
 589 8TH AVENUE, 17TH FLOOR
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SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	DOB SUBMISSION	12-MAR-15
4	DOB SUBMISSION	31-JULY-15
5	E&F ADDENDUM	31-JULY-15
6	DOB SUBMISSION	20-AUG-15
7	DOB SUBMISSION - RB	01-OCT-15
8	PROGRESS SET	30-OCT-15
9	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100
 DRAWING SIZE
 24" x 36"
 DRAWING SCALE
 1/32" = 1'-0"
 PROJECT PHASE
 CONSTRUCTION DOCUMENTS

LIFE SAFETY PLAN - LEVEL 2
 DRAWING NUMBER
A-052.00
 SHEET 12 OF 315
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LIFE SAFETY LEGEND

- 2 HR FIRE RATED WALL
- 1 HR FIRE RATED WALL
- 1.5 HR FIRE RATED WALL
- INDOOR TRAVEL DISTANCE LINE
- OUTDOOR TRAVEL DISTANCE LINE
- HANDICAP ACCESS ROUTE
- EXISTING PEDESTRIAN TUNNEL
- EXIT NAME
- MAX DISCHARGE CAPACITY
- ACTUAL DISCHARGE NUMBER

OFFICE PAVILION OCCUPANCY

SPACE	OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
OFFICE PAV.	B	9,874 GSF	100 GROSS	99
TOTAL				99

OFFICE PAVILION EGRESS CAPACITY

STAIR NAME	WIDTH	MULTIPLIED BY	MAX CAPACITY	DOOR NAME	WIDTH	MULTIPLIED BY	MAX CAPACITY
STAIR A	96"	0.3	320	DOOR 1	39"	0.2	195
TOTAL				DOOR 2	39"	0.2	195
				DOOR 3	36"	0.2	180
				DOOR 4	36"	0.2	180

EXITS TO GRADE 750
TOTAL EGRESS CAPACITY 750 > 99 OK

EXTERIOR

SPACE	OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
OUTDOOR DINING AREA	A-2	1,187 NSF	15 NET	80
AMPHITHEATER LEVEL 3	A-3	1,571 NSF	7 NET	225
LEVEL 3 TERRACE	A-2	34,960 GSF	-	-
TOTAL				305

CAMPUS DINING OCCUPANCY

SPACE	OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
CAFETERIA	A-2	4,178 NSF	15 NET	279
KITCHEN		3,369 GSF	200 GROSS	17
SERVERY		2,508 NSF	15 NET	168
TOTAL				465

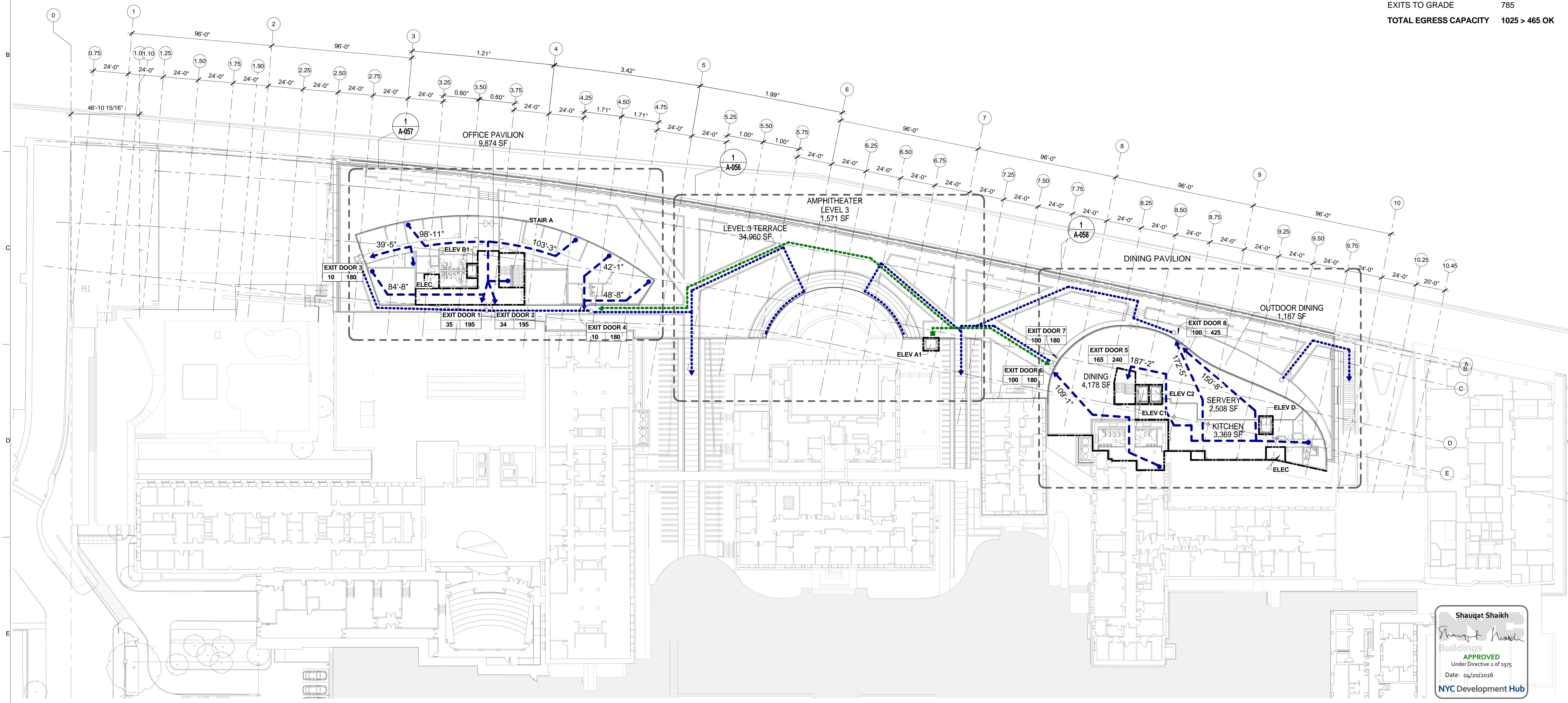
CAMPUS DINING EGRESS CAPACITY

STAIR NAME	WIDTH	MULTIPLIED BY	MAX CAPACITY	DOOR NAME	WIDTH	MULTIPLIED BY	MAX CAPACITY
STAIR B	72"	0.3	240	DOOR 5	48"	0.2	240
TOTAL				TOTAL			
				240			

DOORS

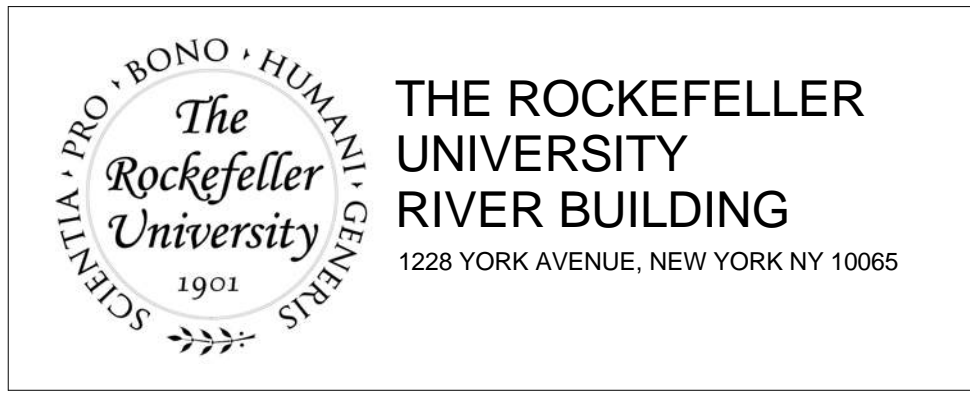
NAME	WIDTH	MULTIPLIED BY	MAX CAPACITY
DOOR 6	36"	0.2	180
DOOR 7	36"	0.2	180
DOOR 8	85"	0.2	425

EXITS TO GRADE 785
TOTAL EGRESS CAPACITY 1025 > 465 OK



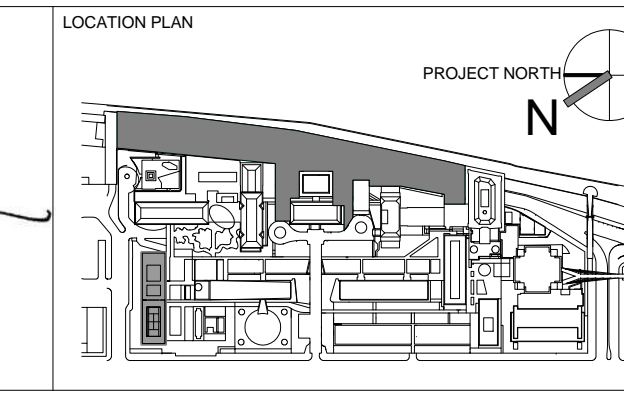
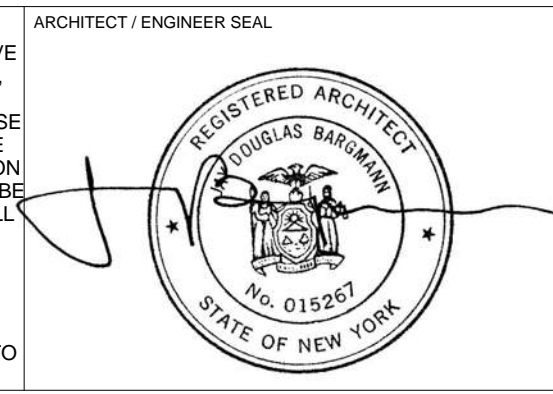
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 Buildings APPROVED
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LEVEL 3 - LIFE SAFETY OVERALL PLAN
 SCALE: 1/32" = 1'-0" 1



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CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790
SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248		

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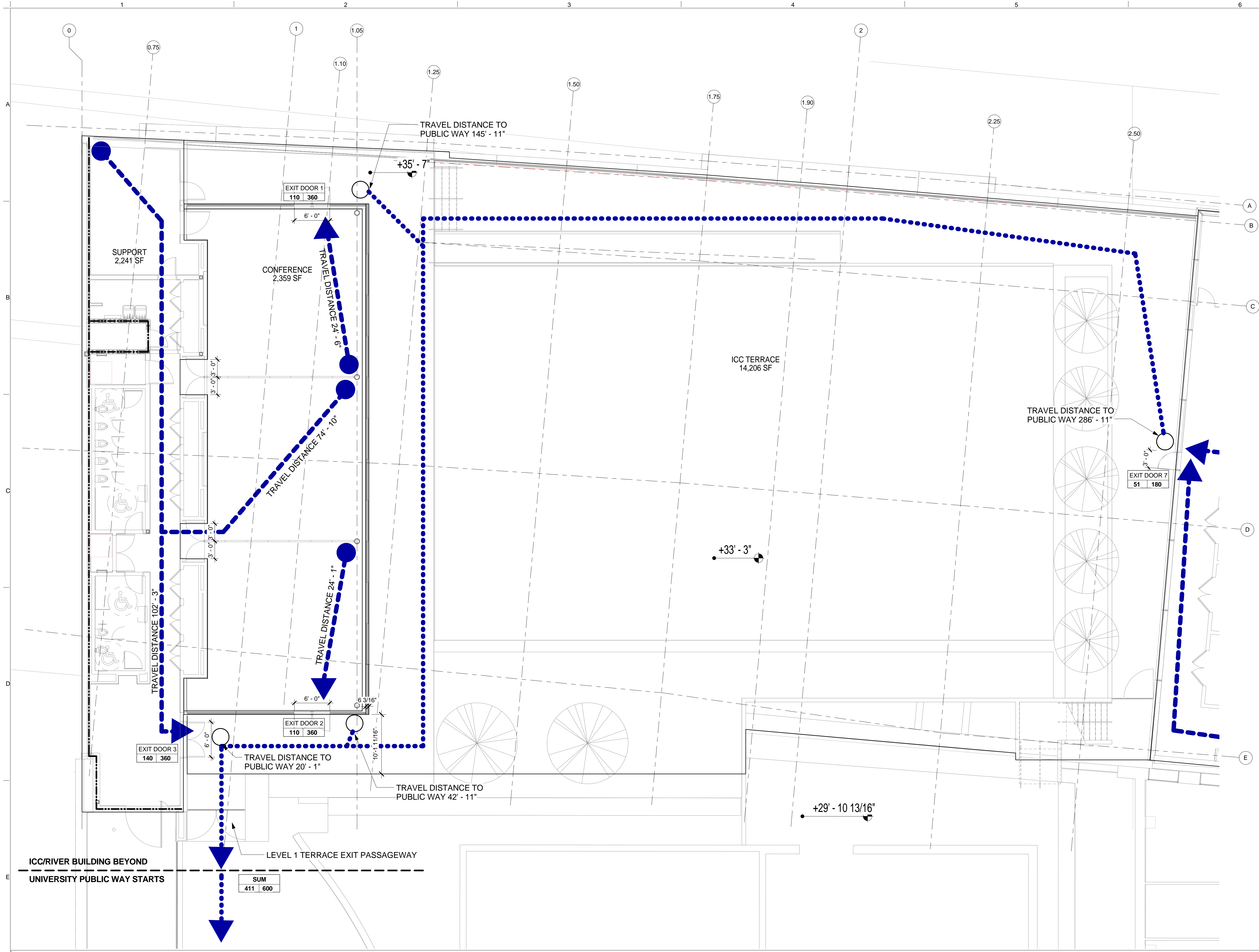


REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	DOB SUBMISSION	12-MAR-15	DRAWING SCALE 1/32" = 1'-0"
4	DOB SUBMISSION	31-JULY-15	
5	E&F ADDENDUM	31-JULY-15	
6	DOB SUBMISSION	20-AUG-15	
7	DOB SUBMISSION - RB	01-OCT-15	
8	PROGRESS SET	30-OCT-15	
9	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
 LIFE SAFETY PLAN - LEVEL 3

DRAWING NUMBER
A-053.00

Sheet 13 of 315



LIFE SAFETY LEGEND

- 2 HR FIRE RATED WALL
- 1 HR FIRE RATED WALL
- 1.5 HR FIRE RATED WALL
- INDOOR TRAVEL DISTANCE LINE
- OUTDOOR TRAVEL DISTANCE LINE
- HANDICAP ACCESS ROUTE
- EXISTING PEDESTRIAN TUNNEL
- xxx EXIT NAME
- xx xx MAX DISCHARGE CAPACITY
- xx xx ACTUAL DISCHARGE NUMBER

ICC:

OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
CONFERENCE ROOM /A-3	2,359 NSF	7 NET	337
SUPPORT /B	2,241 GSF	100 GROSS	23
TOTAL OCCUPANCY			360

* AS PER BC 1004, TALBE 1004.1.1

ICC DISCHARGE BREAK DOWN:

	ACTUAL DISCHARGE	MAX CAPACITY
EXIT DOOR 1	110	72" / 0.2 = 360
EXIT DOOR 2	110	72" / 0.2 = 360
EXIT DOOR 3	140	72" / 0.2 = 360
TOTAL	360	1080

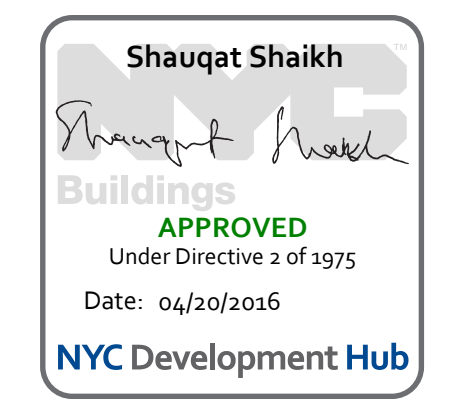
RIVER BUILDING DISCHARGE TO LEVEL 1 TERRACE:

	ACTUAL DISCHARGE	MAX CAPACITY
EXIT DOOR 7	51	35" / 0.2 = 180
TOTAL	51	180

SUM:

	ACTUAL DISCHARGE	MAX CAPACITY
ICC	360	-
RIVER BUILDING	51	-
LEVEL 1 TERRACE EXIT PASSAGEWAY DISCHARGE SUM	411	120" / 0.2 = 600

* EGRESS DOOR MAX DISCHARGE CAPACITY = DOOR WIDTH / 0.2
 * EGRESS PATH MAX DISCHARGE CAPACITY = PATH WIDTH / 0.2
 * AS PER BC 1005.1



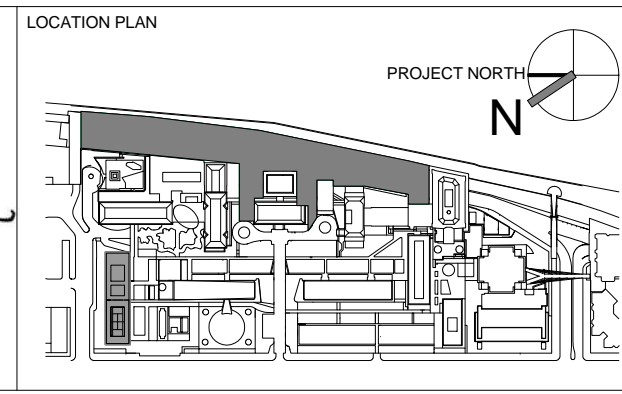
LEVEL 1 - ICC DISCHARGE DIAGRAM SCALE: 1/8" = 1'-0" **1**

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060
CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790
SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248		

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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK

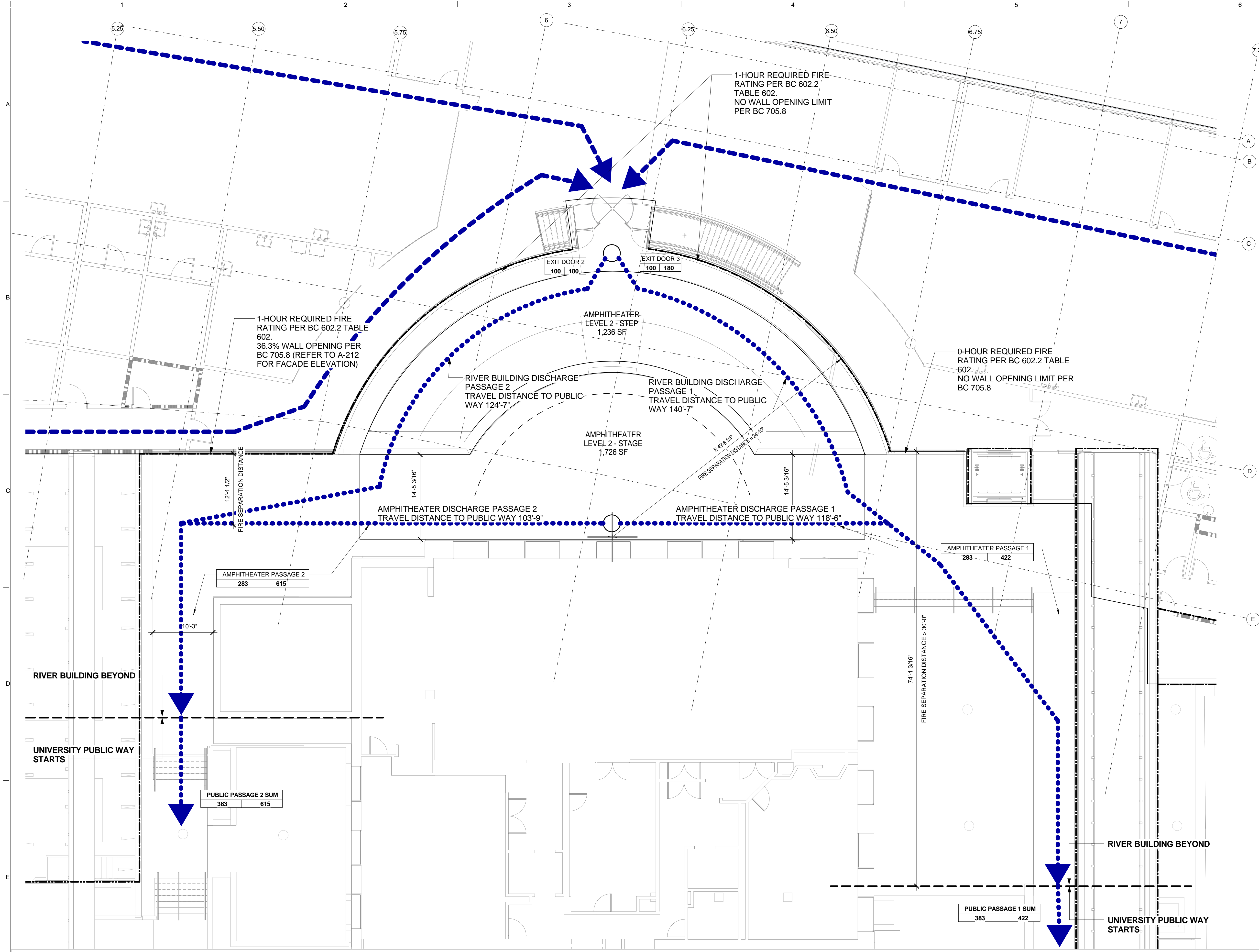


REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DOB SUBMISSION	04-JULY-15	664.100
E	DOB SUBMISSION	20-AUG-15	
F	DOB SUBMISSION - RB	01-OCT-15	
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
 ICC DISCHARGE DIAGRAM - LEVEL 1

DRAWING NUMBER
 A-054.00

Sheet 14 of 315



LIFE SAFETY LEGEND

- 2 HR FIRE RATED WALL
- 1 HR FIRE RATED WALL
- 1.5 HR FIRE RATED WALL
- > INDOOR TRAVEL DISTANCE LINE
- > OUTDOOR TRAVEL DISTANCE LINE
- > HANDICAP ACCESS ROUTE
- > EXISTING PEDESTRIAN TUNNEL
- XXX
XX XX
EXIT NAME
MAX DISCHARGE CAPACITY
ACTUAL DISCHARGE NUMBER

AMPHITHEATER LEVEL 2:

SPACE	OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
STEP	A-3	1236 NSF	15 NET	83
STAGE	A-3	1726 NSF	15 NET	115
TOTAL	A-3	2962 NSF	15 NET	198

TOTAL OCCUPANCY 198

AMPHITHEATER LEVEL 2 DISCHARGE BREAK DOWN:

	ACTUAL DISCHARGE	MAX CAPACITY
AMPHITHEATER PASSAGE 1 DISCHARGE CAPACITY	283	84 1/2" / 0.2 = 422
AMPHITHEATER PASSAGE 2 DISCHARGE CAPACITY	283	123" / 0.2 = 615
TOTAL	566	1037

RIVER BUILDING EXIT DOOR 2 AND 3 DISCHARGE BREAK DOWN:

	ACTUAL DISCHARGE	MAX CAPACITY
RIVER BUILDING PASSAGE 1 DISCHARGE CAPACITY	100	-
RIVER BUILDING PASSAGE 2 DISCHARGE CAPACITY	100	-
TOTAL EXIT DOOR 2 CAPACITY	200	72" / 0.2 = 360

SUM:

	ACTUAL DISCHARGE	MAX CAPACITY
AMPHITHEATER PASSAGE 1 DISCHARGE CAPACITY	283	-
RIVER BUILDING PASSAGE 1 DISCHARGE CAPACITY	100	-
PUBLIC PASSAGE 1 DISCHARGE SUM	383	84 1/2" / 0.2 = 422
AMPHITHEATER PASSAGE 2 DISCHARGE CAPACITY	283	-
RIVER BUILDING PASSAGE 2 DISCHARGE CAPACITY	100	-
PUBLIC PASSAGE 2 DISCHARGE SUM	383	123" / 0.2 = 615
SUM	766	1037

* EGRESS DOOR MAX DISCHARGE CAPACITY = DOOR WIDTH / 0.2
 * EGRESS PATH MAX DISCHARGE CAPACITY = PATH WIDTH / 0.2
 * AS PER BC 1005.1

Shauqat Shaikh
 Under Directive 2 of 1975
 Date: 04/30/2016
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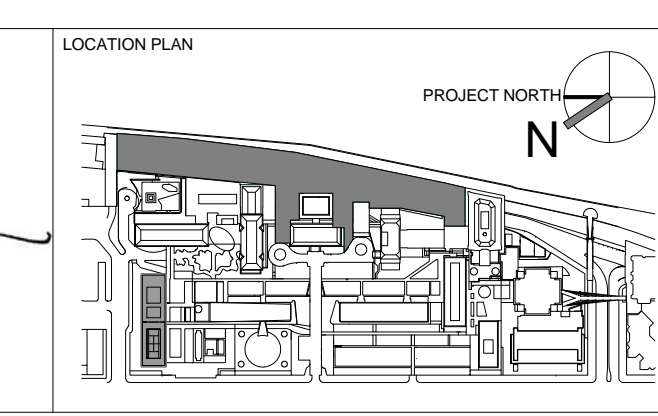
LEVEL 2 - AMPHITHEATER EXIT DISCHARGE DIAGRAM
 SCALE: 1/8" = 1'-0"

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060
CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10011 T. 212.201.5790
SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248		

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 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK

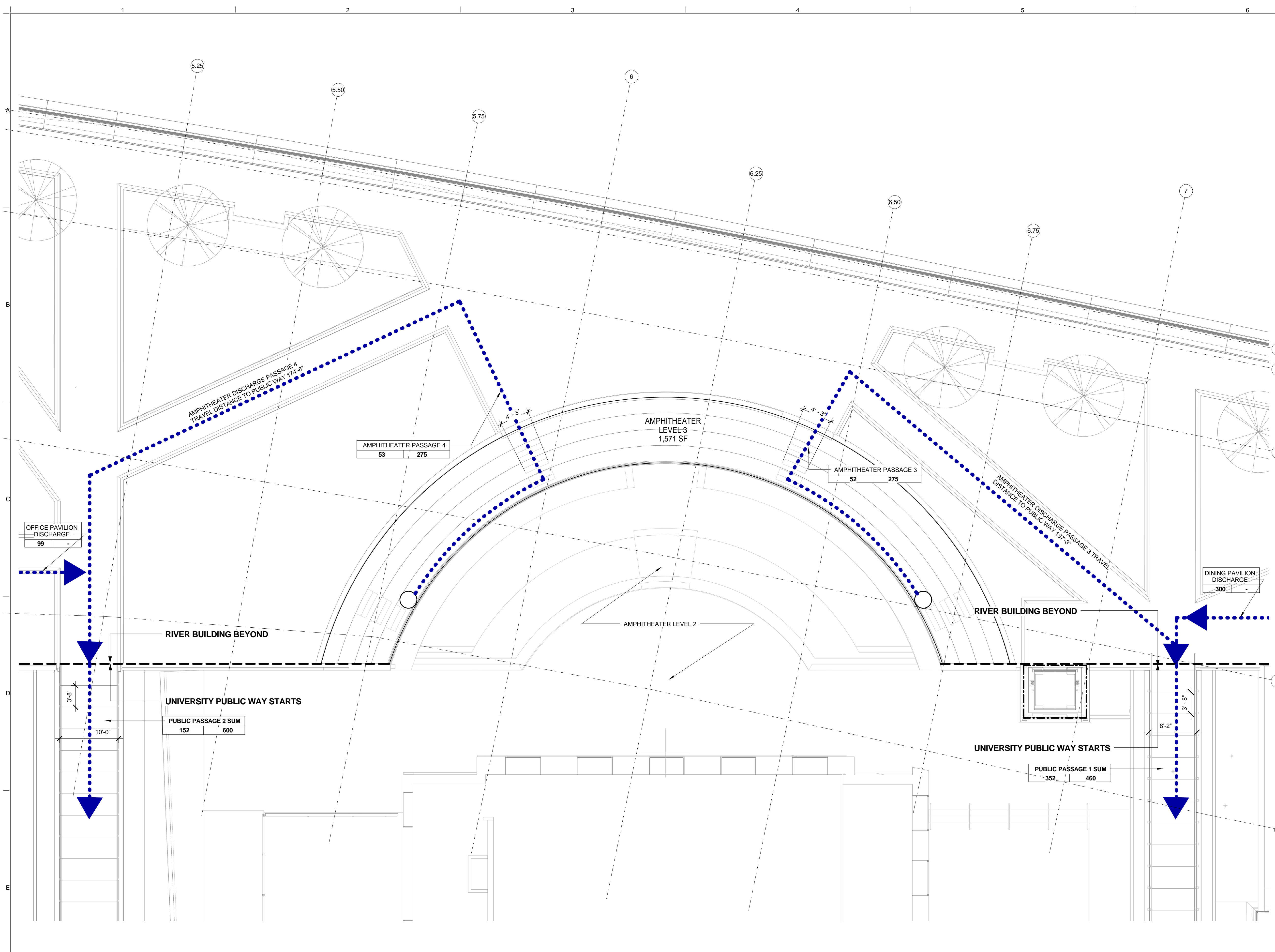


REV	DESCRIPTION	DATE
0	DOB SUBMISSION	01-JULY-15
1	DOB SUBMISSION	20-AUG-15
2	DOB SUBMISSION - RB	01-OCT-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

AMPHITHEATER EXIT DISCHARGE DIAGRAM - LEVEL 2

ARCHITECT'S PROJECT NUMBER: 664.100
 DRAWING SIZE: 24" x 36"
 DRAWING SCALE: As indicated

DRAWING NUMBER: A-055.00
 SHEET 15 OF 315



LIFE SAFETY LEGEND

- 2 HR FIRE RATED WALL
- 1 HR FIRE RATED WALL
- 1.5 HR FIRE RATED WALL
- > INDOOR TRAVEL DISTANCE LINE
- > OUTDOOR TRAVEL DISTANCE LINE
- > HANDICAP ACCESS ROUTE
- EXISTING PEDESTRIAN TUNNEL
- xxx EXIT NAME
- xx MAX DISCHARGE CAPACITY
- xx ACTUAL DISCHARGE NUMBER

AMPHITHEATER LEVEL 3:

OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
A-3	1,571 NSF	15 NET	105
TOTAL OCCUPANCY			105

* AS PER BC 1004, TALBE 1004.1.1

AMPHITHEATER LEVEL 3 DISCHARGE BREAK DOWN:

	ACTUAL DISCHARGE	MAX CAPACITY
AMPHITHEATER PASSAGE 3 DISCHARGE CAPACITY	52	55" / 0.2 = 275
AMPHITHEATER PASSAGE 4 DISCHARGE CAPACITY	53	55" / 0.2 = 275
TOTAL	105	550

RIVER BUILDING DISCHARGE BREAK DOWN:

	ACTUAL DISCHARGE	MAX CAPACITY
OFFICE PAVILION DISCHARGE	99	-
DINING PAVILION DISCHARGE	300	-
TOTAL	399	-

SUM:

	ACTUAL DISCHARGE	MAX CAPACITY
AMPHITHEATER PASSAGE 3 DISCHARGE CAPACITY	52	-
DINING PAVILION DISCHARGE CAPACITY	300	-
PUBLIC PASSAGE 1 DISCHARGE SUM	352	92" / 0.2 = 460
AMPHITHEATER PASSAGE 4 DISCHARGE CAPACITY	53	-
OFFICE PAVILION DISCHARGE CAPACITY	99	-
PUBLIC PASSAGE 2 DISCHARGE SUM	152	120" / 0.2 = 600
SUM	504	1060

* EGRESS DOOR MAX DISCHARGE CAPACITY = DOOR WIDTH / 0.2
 Under Directive 2 of 1975
 Date: 07/25/2016
 * EGRESS PATH MAX DISCHARGE CAPACITY = PATH WIDTH / 0.2
 * AS PER BC 1005.1

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 504
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LEVEL 3 - AMPHITHEATER DISCHARGE DIAGRAM
 SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

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CIVIL ENGINEER
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 No. 015267
 STATE OF NEW YORK

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

LOCATION PLAN

REV | **DESCRIPTION** | **DATE**

D	DOB SUBMISSION	01-JULY-15
E	DOB SUBMISSION	20-AUG-15
F	DOB SUBMISSION - RB	01-OCT-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

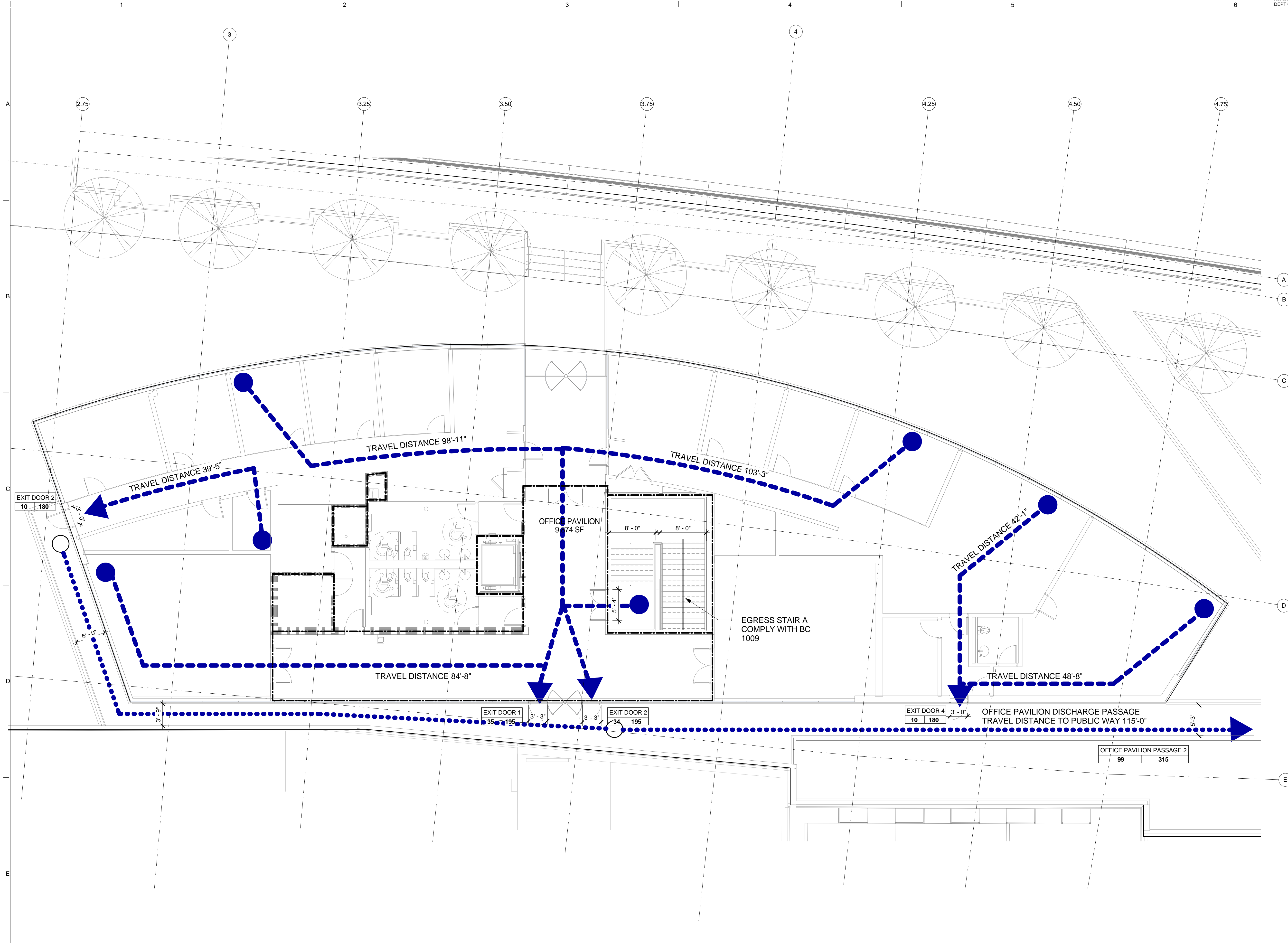
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
 AMPHITHEATER EXIT DISCHARGE DIAGRAM - LEVEL 3

DRAWING NUMBER
 A-056.00

Sheet 16 of 315

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LIFE SAFETY LEGEND

- 2 HR FIRE RATED WALL
- 1 HR FIRE RATED WALL
- 1.5 HR FIRE RATED WALL
- > INDOOR TRAVEL DISTANCE LINE
- > OUTDOOR TRAVEL DISTANCE LINE
- > HANDICAP ACCESS ROUTE
- EXISTING PEDESTRIAN TUNNEL
- xxx EXIT NAME
- xx xx MAX DISCHARGE CAPACITY
- ACTUAL DISCHARGE NUMBER

OFFICE PAVILION:

OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
B	9,874 GSF	100 GROSS	99
TOTAL OCCUPANCY			99

* AS PER BC 1004, TALBE 1004.1.1

OFFICE PAVILION DISCHARGE BREAK DOWN:

	ACTUAL DISCHARGE	MAX CAPACITY
EXIT DOOR 1	34	39' / 0.2 = 195
EXIT DOOR 2	35	39' / 0.2 = 195
EXIT DOOR 2	10	36' / 0.2 = 180
EXIT DOOR 2	10	36' / 0.2 = 180
TOTAL	99	750

	ACTUAL DISCHARGE	MAX CAPACITY
OFFICE PAVILION PASSAGE	99	63' / 0.2 = 315

* EGRESS DOOR MAX DISCHARGE CAPACITY = DOOR WIDTH / 0.2

* EGRESS PATH MAX DISCHARGE CAPACITY = PATH WIDTH / 0.2

* AS PER BC 1005.1

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LEVEL 3 - NORTH PAVILION LIFE SAFETY
 SCALE: 1/8" = 1'-0" **1**

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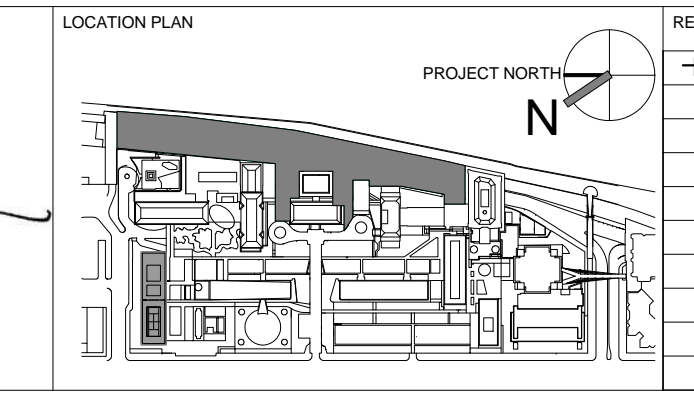
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REGISTERED ARCHITECT
 STATE OF NEW YORK
 No. 015267



REV	DESCRIPTION	DATE
D	DOB SUBMISSION	04-JULY-15
E	DOB SUBMISSION	20-AUG-15
F	DOB SUBMISSION - RB	01-OCT-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
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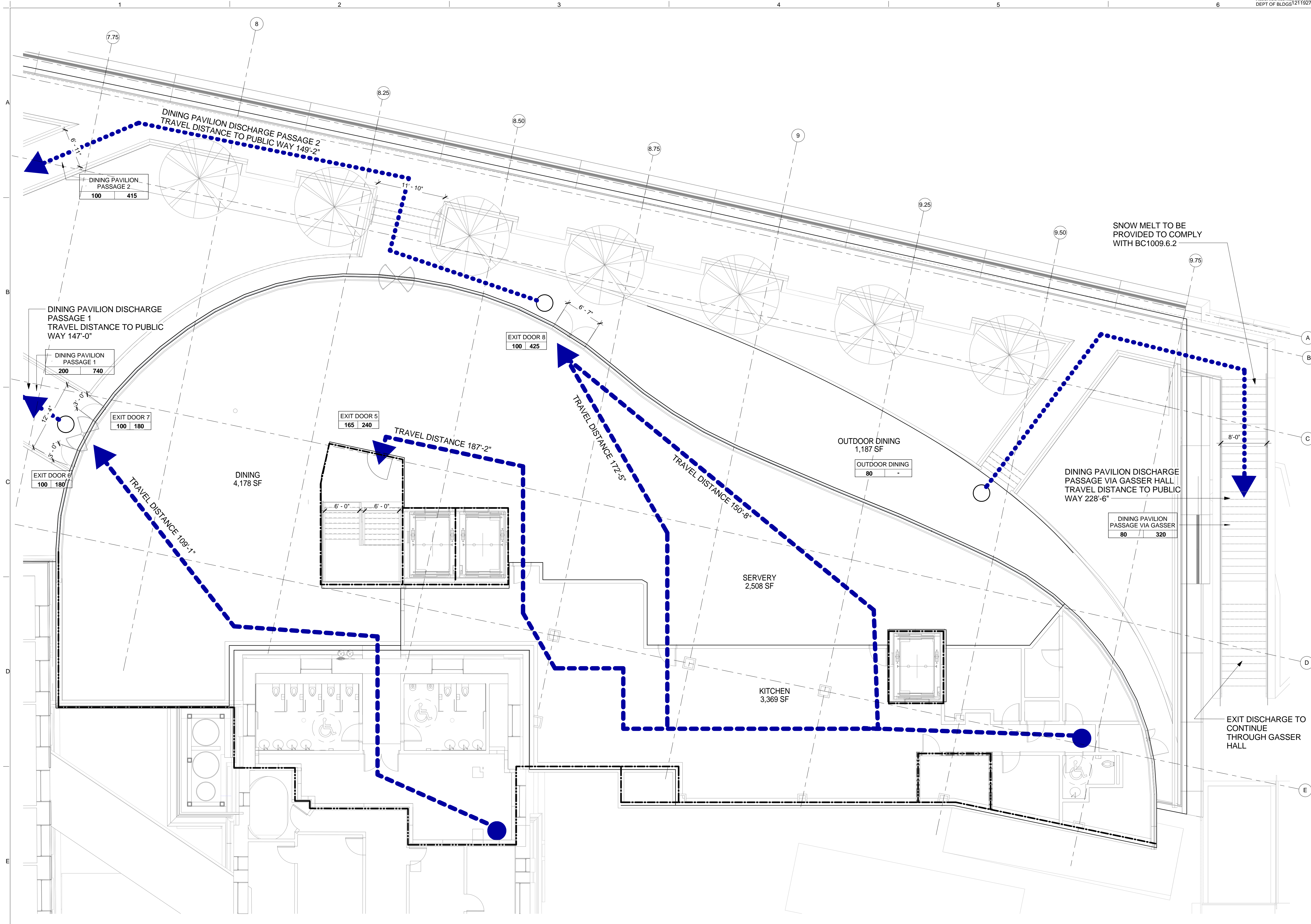
DRAWING SCALE
 As indicated

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

NORTH PAVILION EXIT DISCHARGE DIAGRAM - LEVEL 3

DRAWING NUMBER
A-057.00

Sheet 17 of 315
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LIFE SAFETY LEGEND

- 2 HR FIRE RATED WALL
- 1 HR FIRE RATED WALL
- 1.5 HR FIRE RATED WALL
- INDOOR TRAVEL DISTANCE LINE
- OUTDOOR TRAVEL DISTANCE LINE
- HANDICAP ACCESS ROUTE
- EXISTING PEDESTRIAN TUNNEL
- XXX EXIT NAME
- XX XX MAX DISCHARGE CAPACITY
- XX ACTUAL DISCHARGE NUMBER

DINING PAVILION:

OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
CAFETERIA /A-2	4,178 NSF	15 NET	279
KITCHEN	3,369 GSF	200 GROSS	17
SERVERY	2,508 NSF	15 NET	168
TOTAL CAPACITY			465

OUT DOOR DINING:

OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
A-2	1,187 NSF	15 NET	80
TOTAL CAPACITY			80

DINING PAVILION DISCHARGE BREAK DOWN:

	ACTUAL DISCHARGE	MAX CAPACITY
EXIT DOOR 5	165	48" /0.2 =240
EXIT DOOR 6	100	36" /0.2 =180
EXIT DOOR 7	100	36" /0.2 =180
EXIT DOOR 8	100	85" /0.2 =425
TOTAL	465	1025

	ACTUAL DISCHARGE	MAX CAPACITY
DINING PAVILION PASSAGE 1	200	148" /0.2 =740
DINING PAVILION PASSAGE 2	100	83" /0.2 =415
DISCHARGE VIA GRAND STAIR	300	1155
EXIT DOOR 5	165	48" /0.2 =240
SUM	265	1395

OUTDOOR DINING	80	-
DISCHARGE VIA GASSER HALL	80	96" /0.3 =320

Shauqat Shaikh
 * EGRESS DOOR MAX DISCHARGE CAPACITY = DOOR WIDTH / 0.2
 * EGRESS PATH MAX DISCHARGE CAPACITY = PATH WIDTH / 0.2
 * EGRESS STAIR MAX DISCHARGE CAPACITY = STAIR WIDTH / 0.3
 * AS PER BC 1005.1

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LEVEL 3 - DINING PAVILION LIFE SAFETY SCALE: 1/8" = 1'-0" **1**

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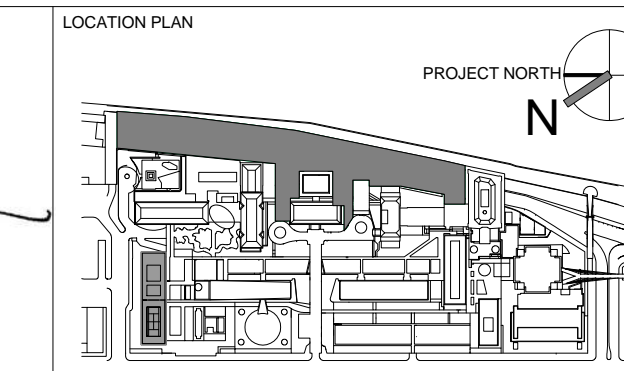
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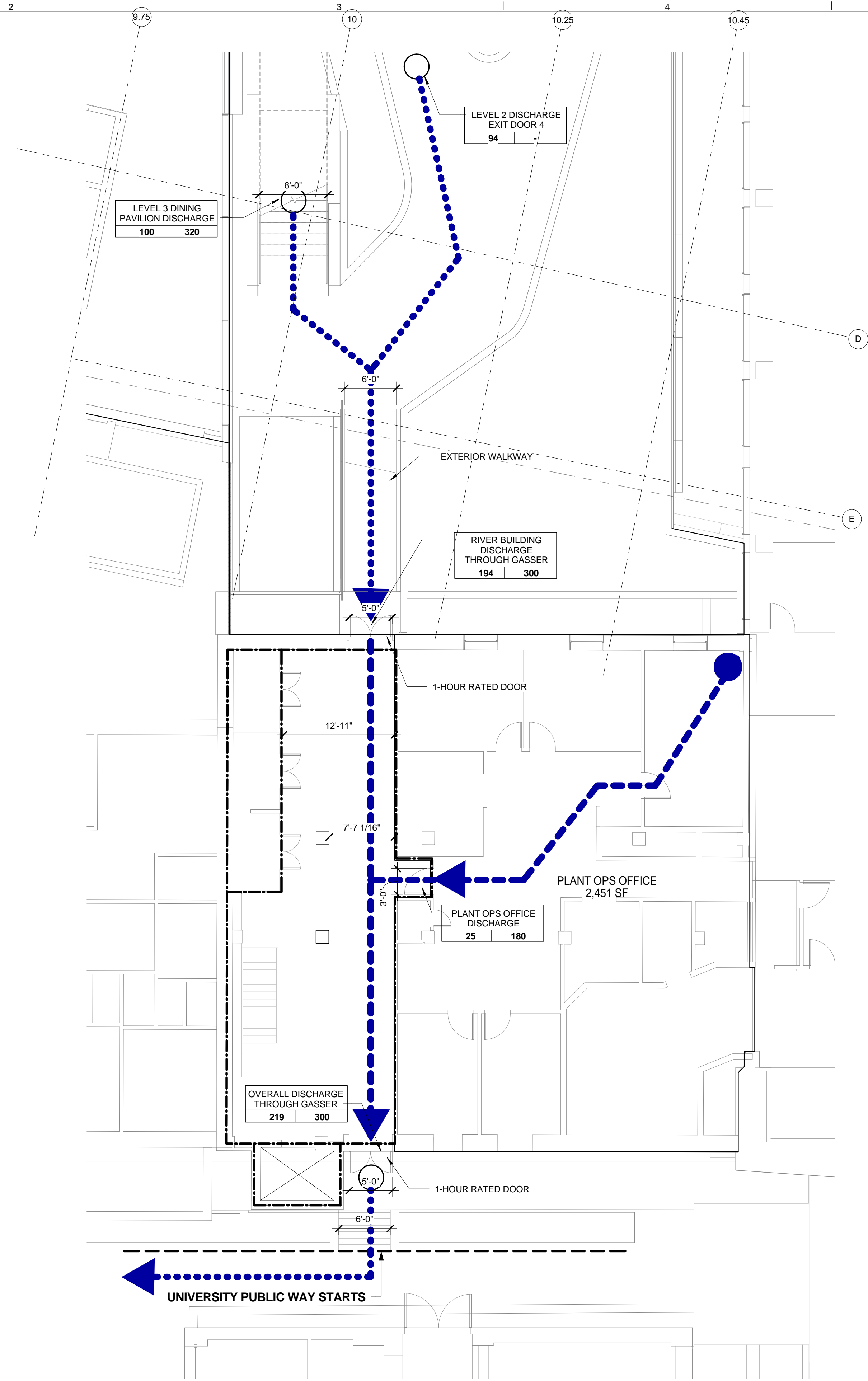
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 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DOB SUBMISSION	01-JULY-15	664.100
E	DOB SUBMISSION	20-AUG-15	
F	DOB SUBMISSION - RB	01-OCT-15	
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

SOUTH PAVILION EXIT DISCHARGE DIAGRAM - LEVEL 3

DRAWING NUMBER: **A-058.00**
 SHEET 18 OF 315



LIFE SAFETY LEGEND

- 2 HR FIRE RATED WALL
- 1 HR FIRE RATED WALL
- 1.5 HR FIRE RATED WALL
- > INDOOR TRAVEL DISTANCE LINE
- > OUTDOOR TRAVEL DISTANCE LINE
- > HANDICAP ACCESS ROUTE
- EXISTING PEDESTRIAN TUNNEL
- XXX EXIT NAME
- XX XX MAX DISCHARGE CAPACITY
- ACTUAL DISCHARGE NUMBER

GASSER HALL PLANT OPS OFFICE:

OCCUPANCY CLASS	AREA	FLOOR AREA IN SF PER OCCUPANT	# OF OCCUPANT
B	2451 GSF	100 GROSS	25
TOTAL OCCUPANCY			25

* AS PER BC 1004, TALBE 1004.1.1

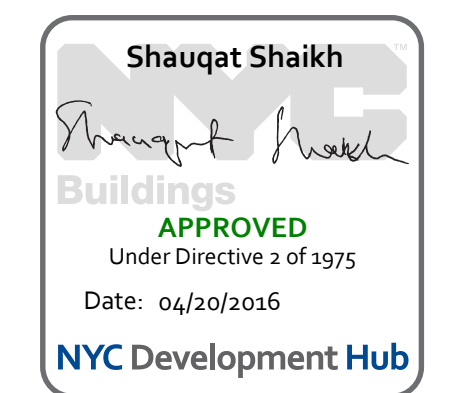
RIVER BUILDING DISCHARGE THROUGH GASSER HALL:

	ACTUAL DISCHARGE	MAX CAPACITY
LEVEL 2	94	-
LEVEL 3	100	96" / 0.2 = 480
TOTAL	194	60" / 0.2 = 300

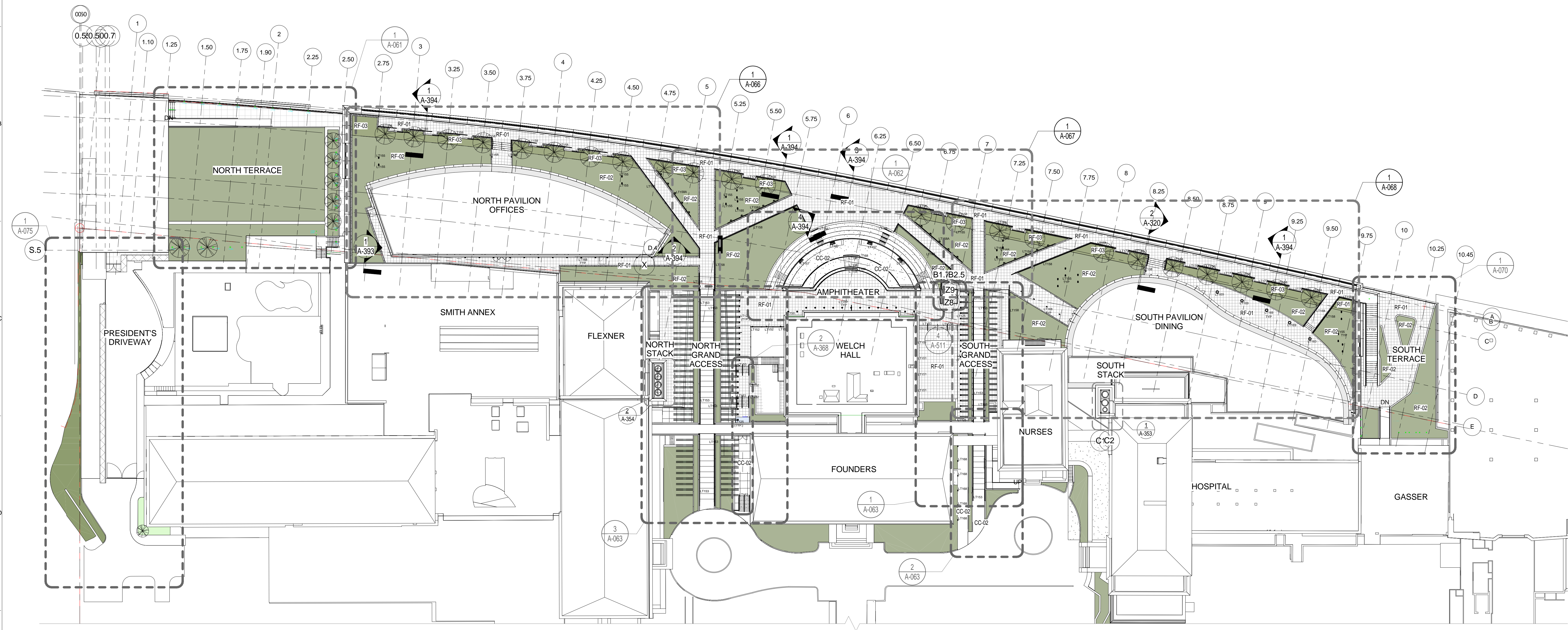
OVERALL DISCHARGE THROUGH GASSER HALL:

	ACTUAL DISCHARGE	MAX CAPACITY
RIVER BUILDING	194	-
PLANT OPS OFFICE	25	36" / 0.2 = 180
TOTAL	219	60" / 0.2 = 300

* EGRESS DOOR MAX DISCHARGE CAPACITY = DOOR WIDTH / 0.2
 * EGRESS PATH MAX DISCHARGE CAPACITY = PATH WIDTH / 0.2
 * EGRESS STAIR MAX DISCHARGE CAPACITY = STAIR WIDTH / 0.3
 * AS PER BC 1005.1



<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>DOB SUBMISSION - RB</td> <td>01-OCT-15</td> </tr> <tr> <td>1</td> <td>DOB SUBMISSION - RB</td> <td>16-DEC-15</td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	D	DOB SUBMISSION - RB	01-OCT-15	1	DOB SUBMISSION - RB	16-DEC-15	<p>ARCHITECTS PROJECT NUMBER 664.100</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE As indicated</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING TITLE EXIT DISCHARGE THROUGH GASSER HALL - LEVEL 2</p> <p>DRAWING NUMBER A-059.00</p> <p>Sheet 19 of 315</p>
	REV	DESCRIPTION	DATE															
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SITE PLAN
 SCALE: 1/32" = 1'-0" 1

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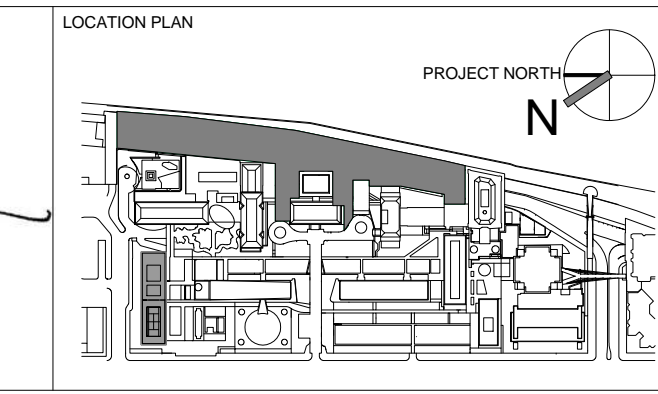
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 No. 015267
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REV	DESCRIPTION	DATE
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ARCHITECTS PROJECT NUMBER
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DRAWING SIZE
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DRAWING SCALE
 1/32" = 1'-0"

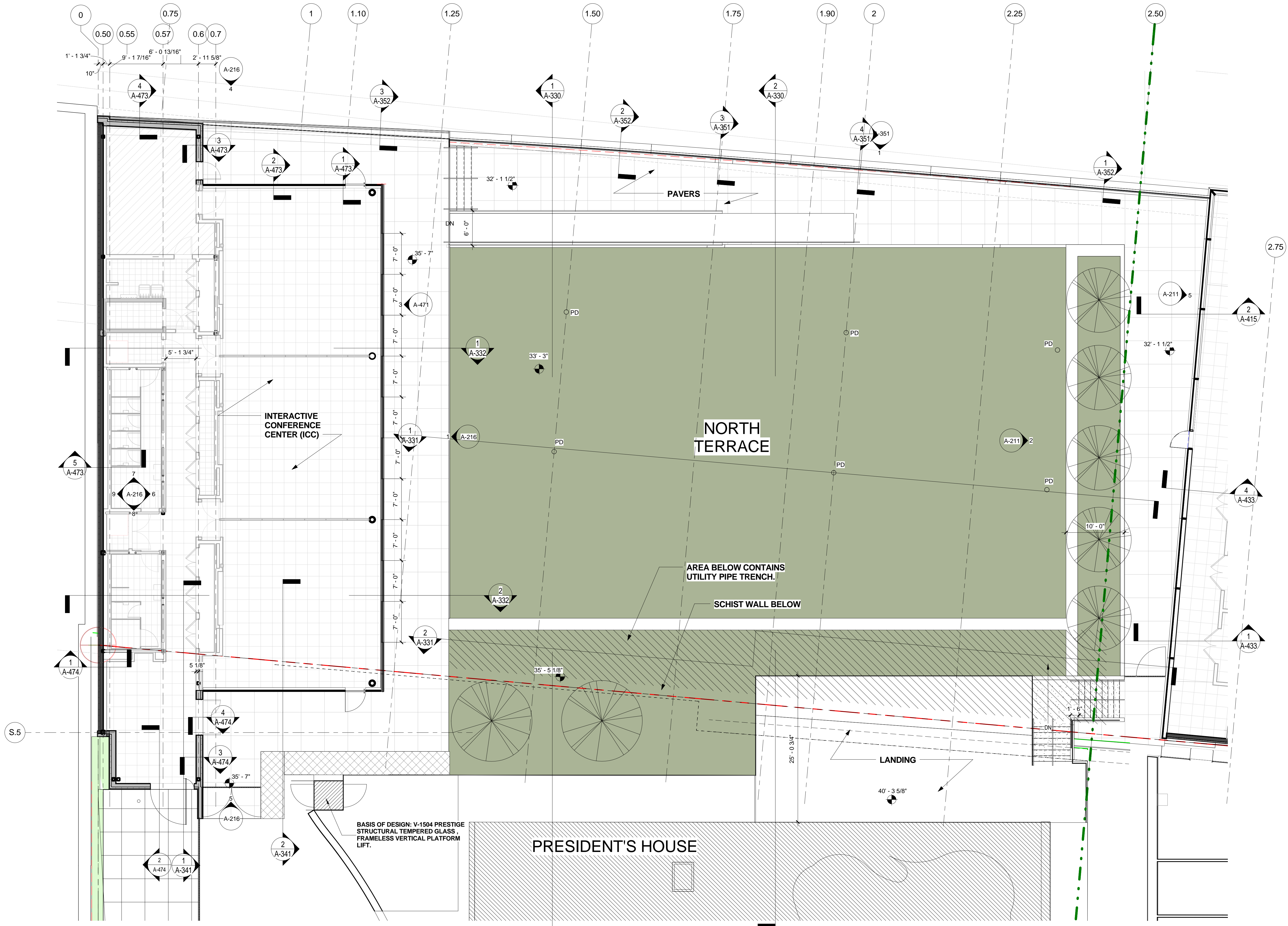
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SITE PLAN

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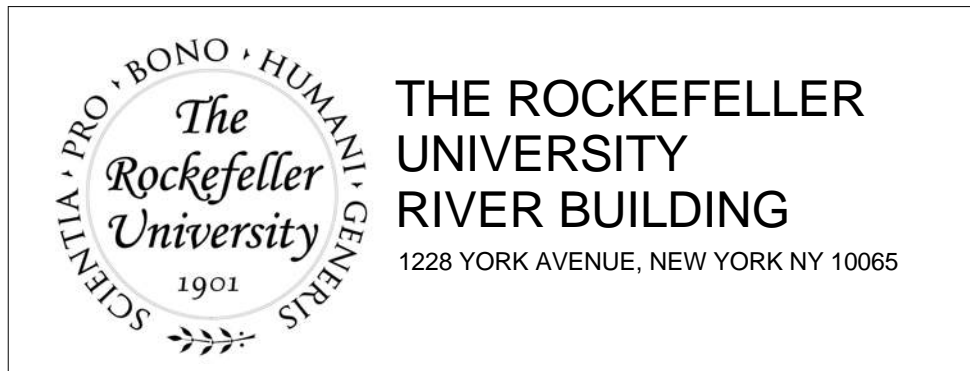
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SITE PLAN - NORTH TERRACE
 SCALE: 1/8" = 1'-0" 1



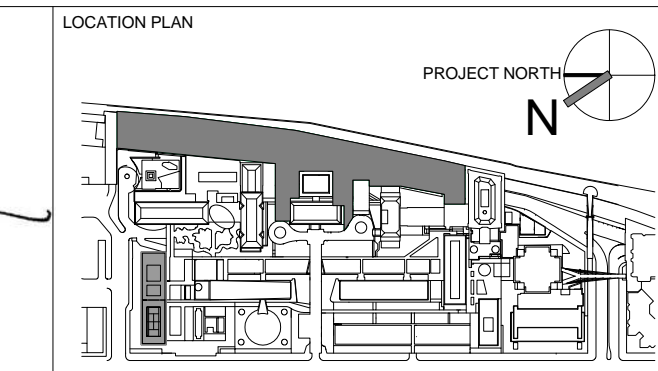
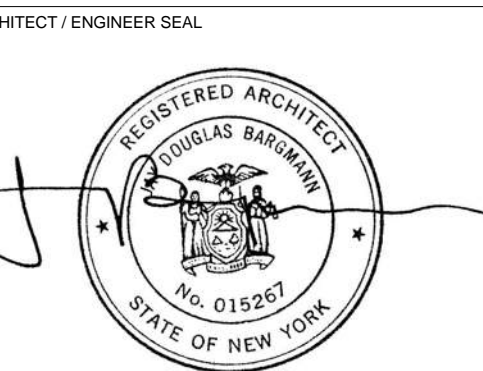
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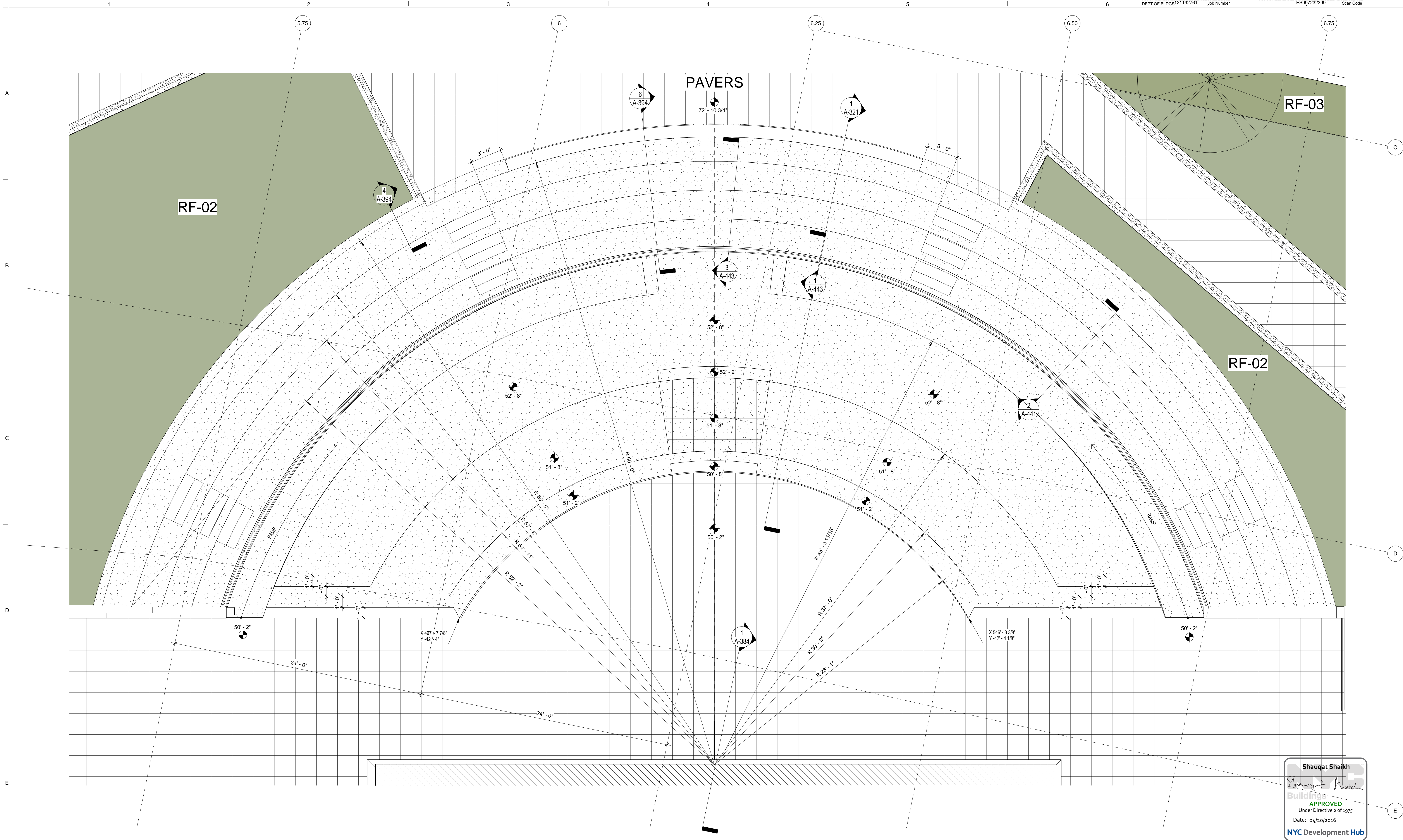
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REV	DESCRIPTION	DATE
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 DRAWING SIZE
 24" x 36"
 DRAWING SCALE
 1/8" = 1'-0"
 PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 STE PLAN - NORTH TERRACE
 DRAWING NUMBER
 A-061.00
 SHEET 21 OF 315



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AMPHITHEATER- ENLARGED PLAN
 SCALE: 1/4" = 1'-0" 1

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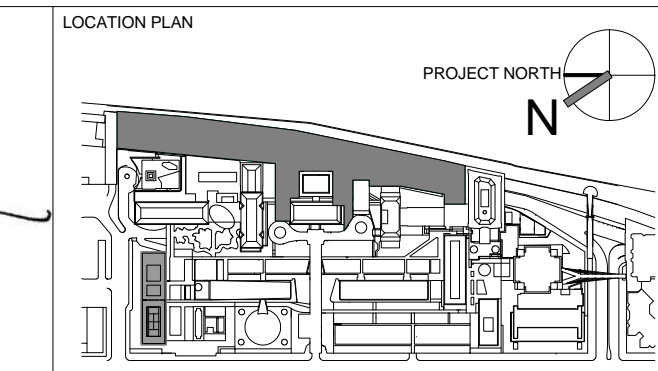
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1	PROGRESS SET	30-OCT-15	664.100
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DRAWING TITLE
 AMPHITHEATER- ENLARGED PLAN

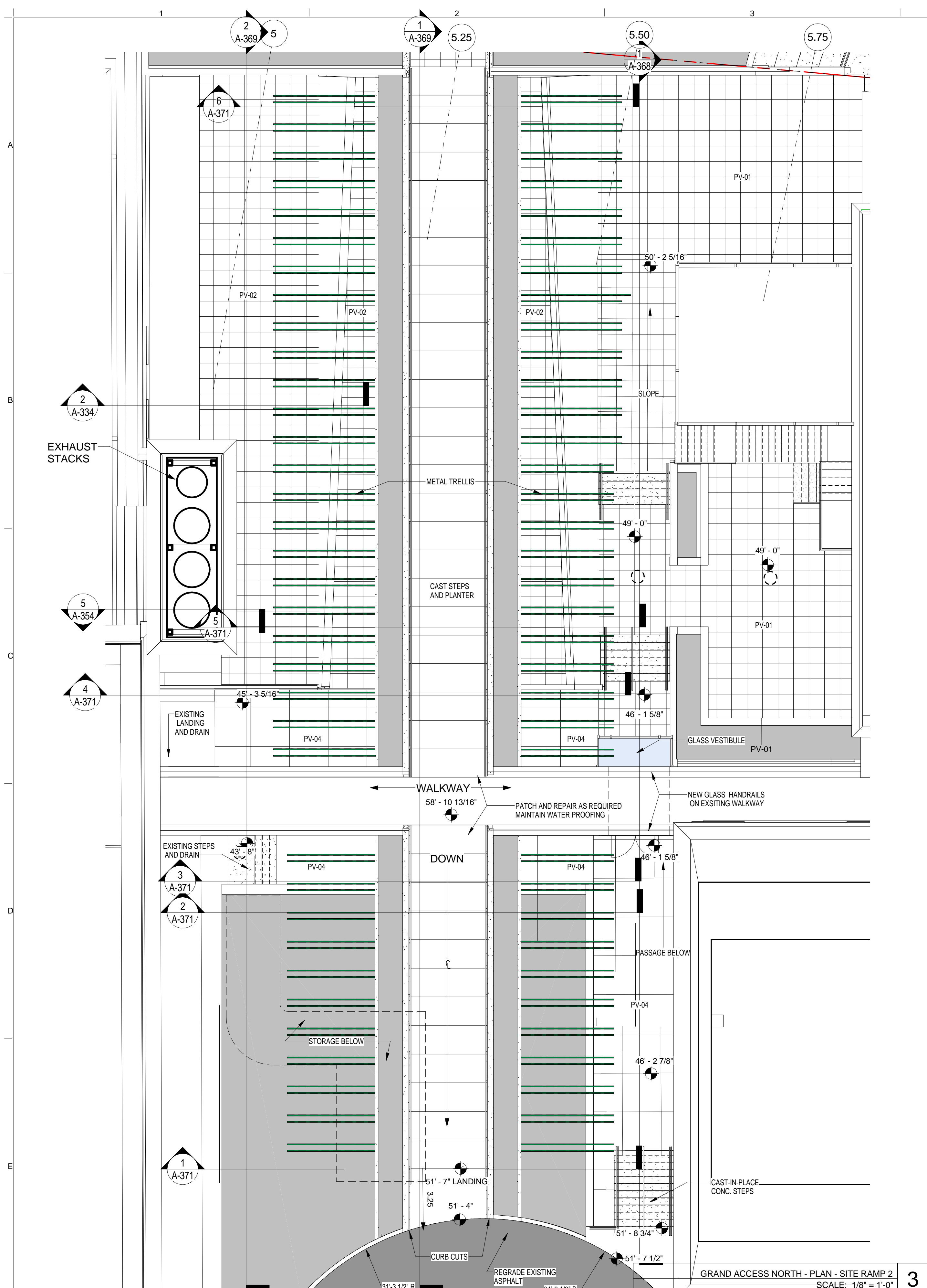
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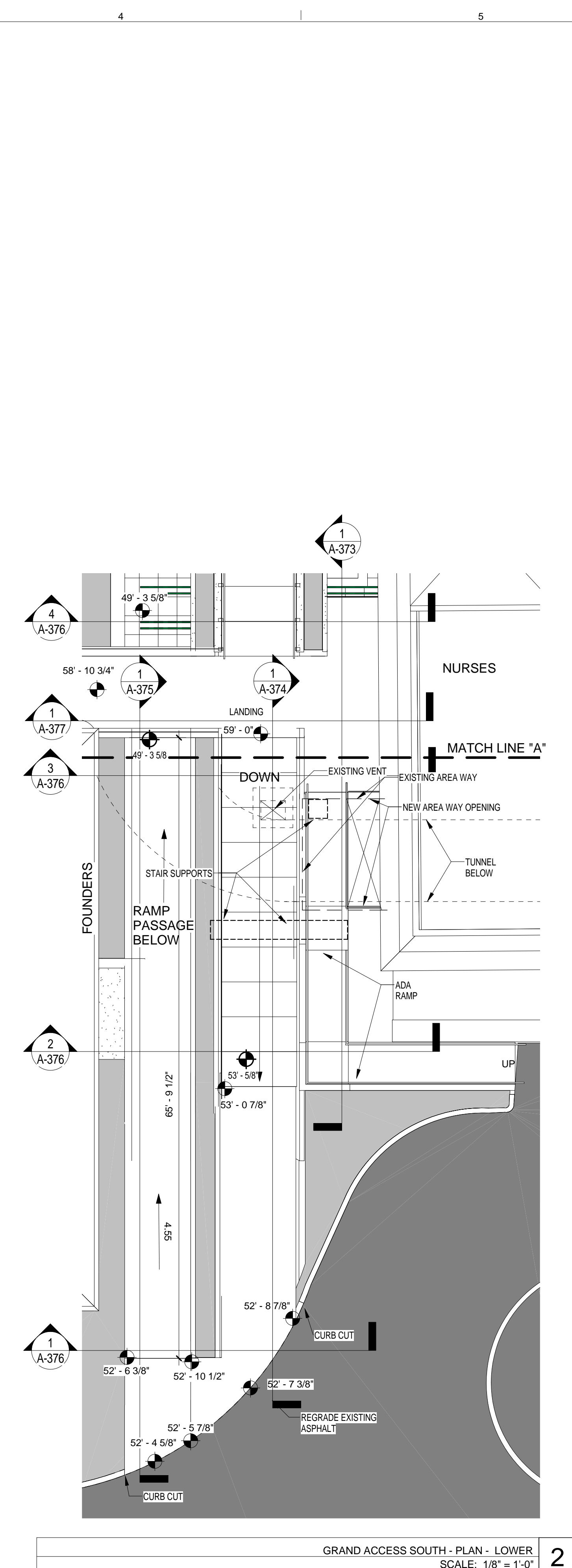
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PROJECT PHASE
 CONSTRUCTION DOCUMENTS

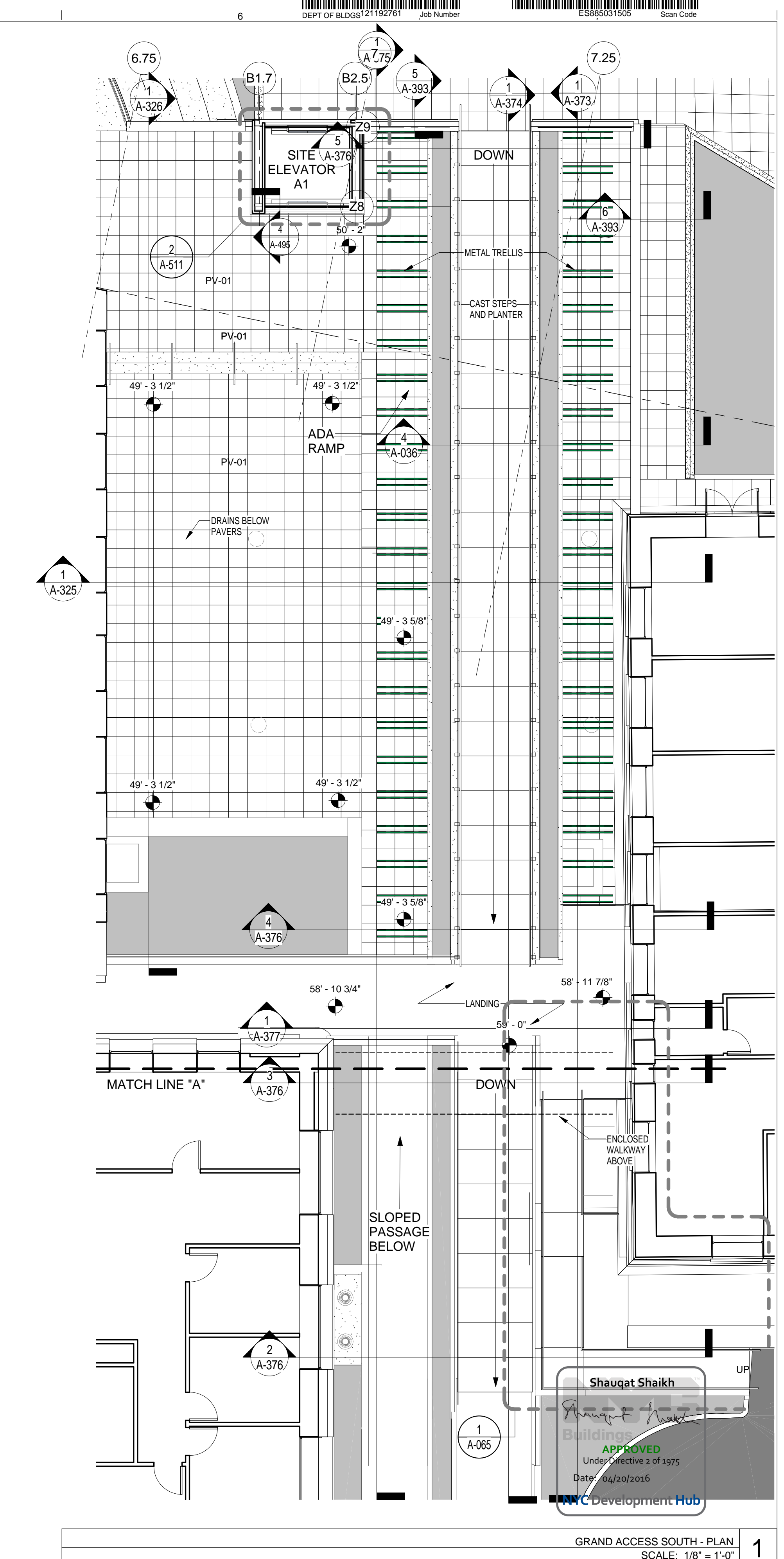
Sheet 22 of 315



GRAND ACCESS NORTH - PLAN - SITE RAMP 2
SCALE: 1/8" = 1'-0" 3



GRAND ACCESS SOUTH - PLAN - LOWER
SCALE: 1/8" = 1'-0" 2



GRAND ACCESS SOUTH - PLAN
SCALE: 1/8" = 1'-0" 1

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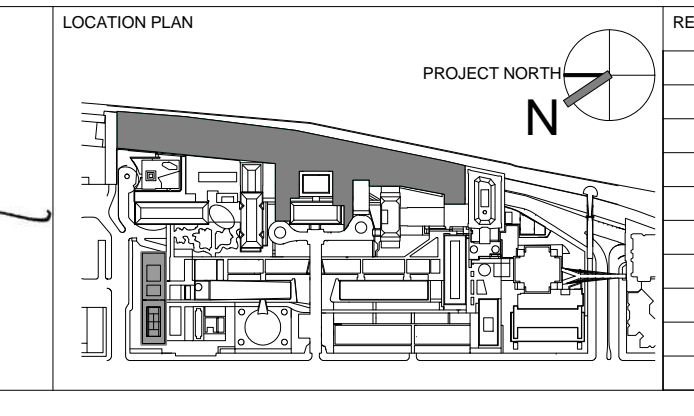
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24" x 36"

DRAWING SCALE
1/8" = 1'-0"

PROJECT PHASE
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SITE PLANS GRAND ACCESS AND RAMPS

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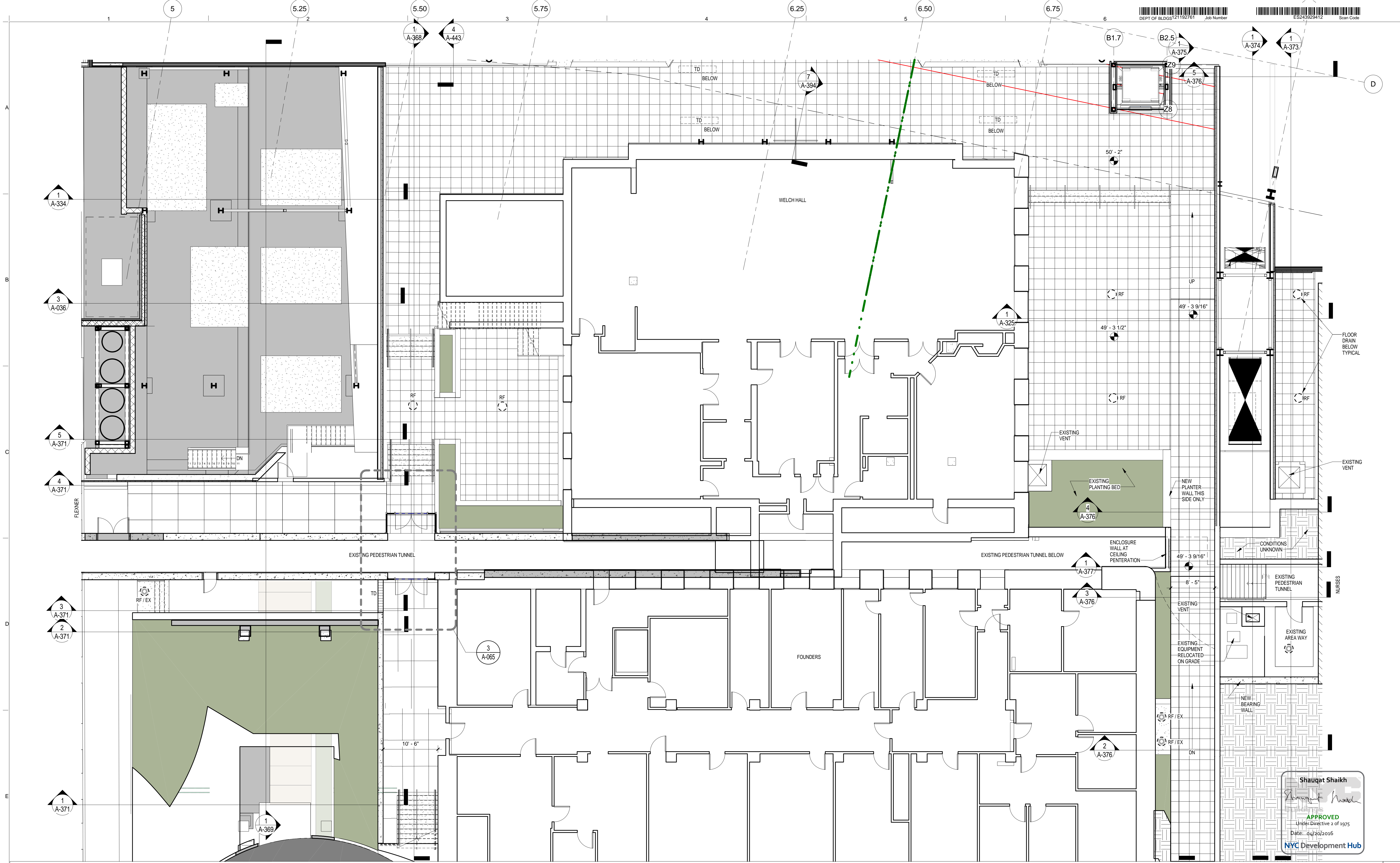
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DATE
06/20/2016

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Under Directive 2 of 1375

DATE
06/20/2016

SHAUGHAT SHAIKH
Building APPROVED Under Directive 2 of 1375 Date 06/20/2016



Shauqat Shaikh
Shauqat Shaikh
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ENLARGED SITE PLAN LEVEL 2
 SCALE: 1/8" = 1'-0" 1

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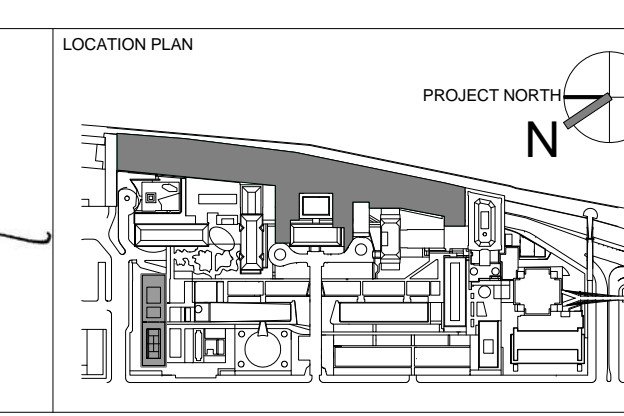
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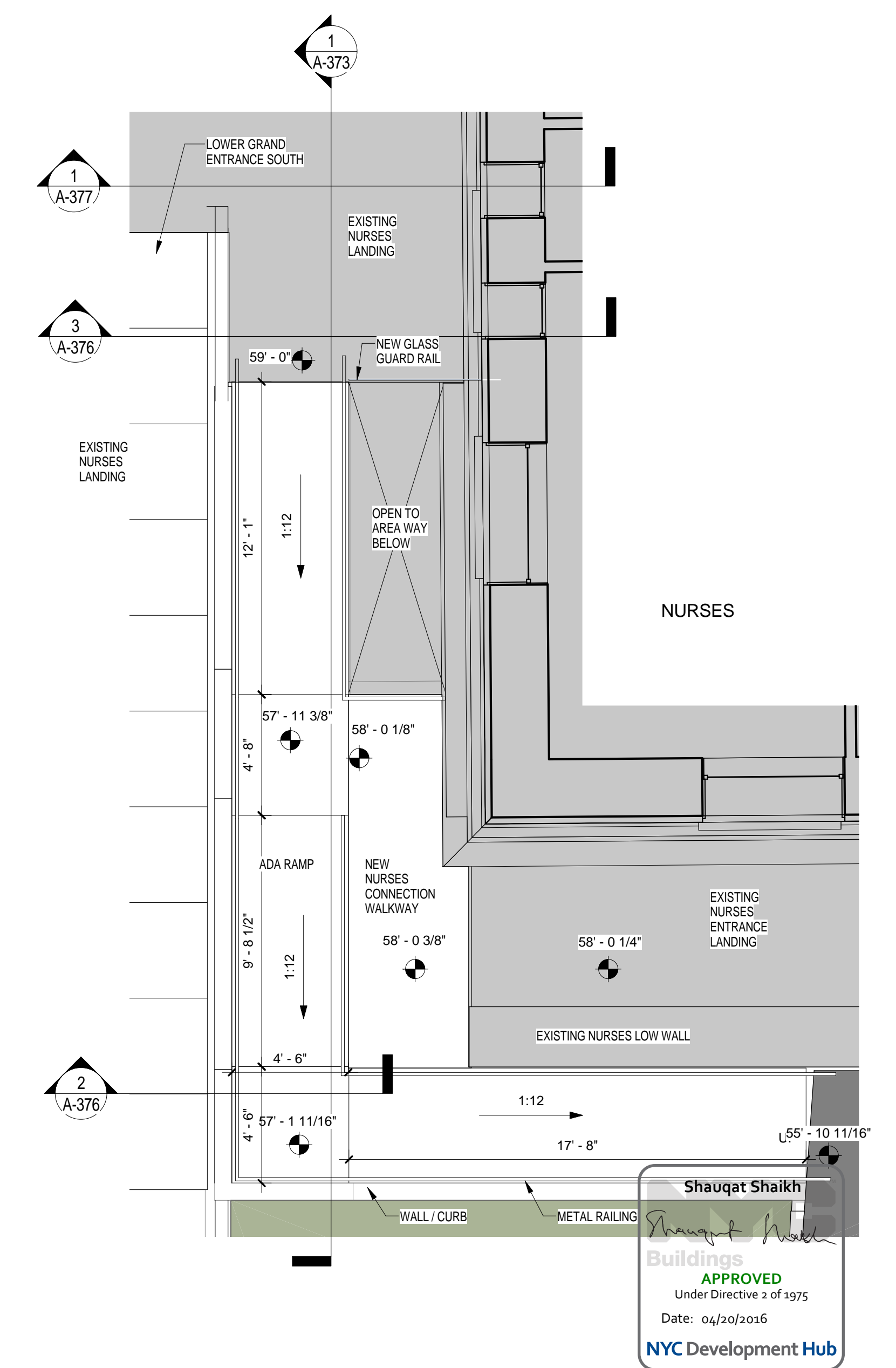
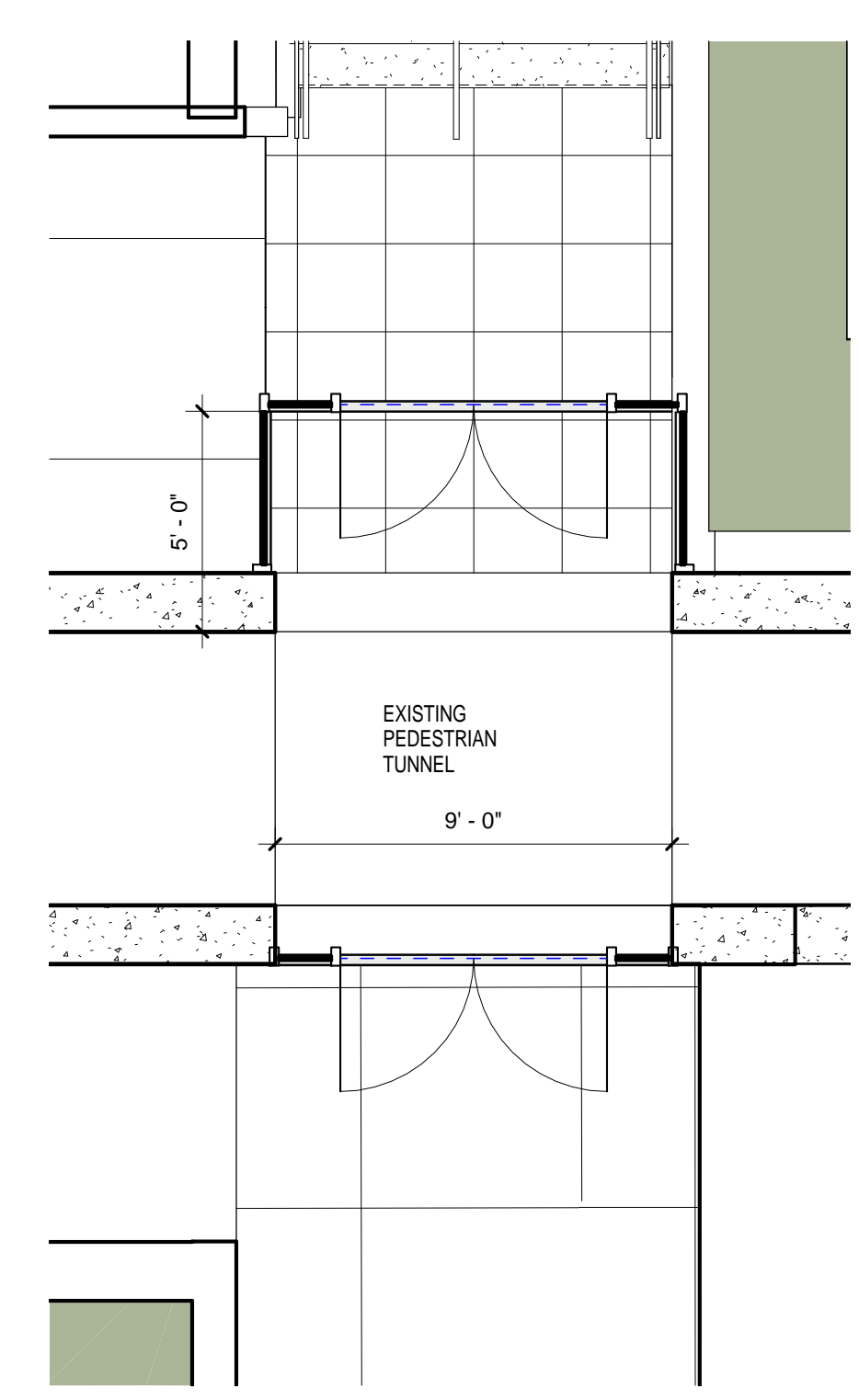
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 ENLARGED SITE PLAN LEVEL 2

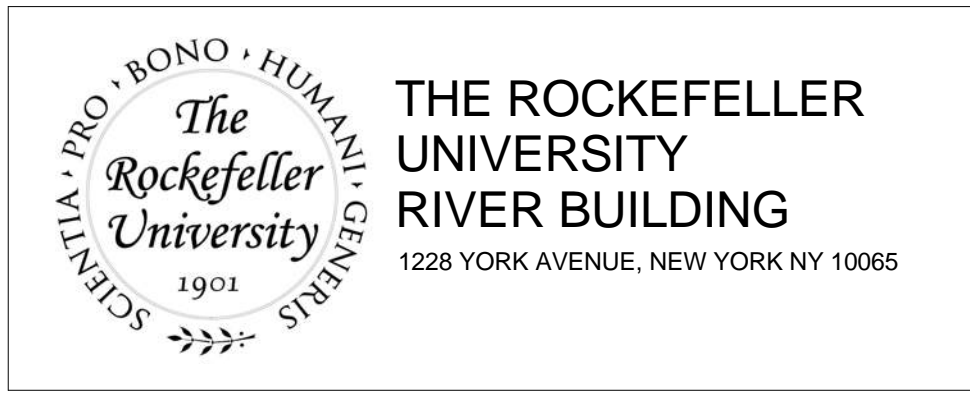
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DRAWING REVISION
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ENLARGED SITE PLAN TUNNEL PENETRATION SCALE: 1/4" = 1'-0" **3** GRAND ACCESS SOUTH - ENLARGED PLAN - ADA RAMP SCALE: 1/4" = 1'-0" **1**



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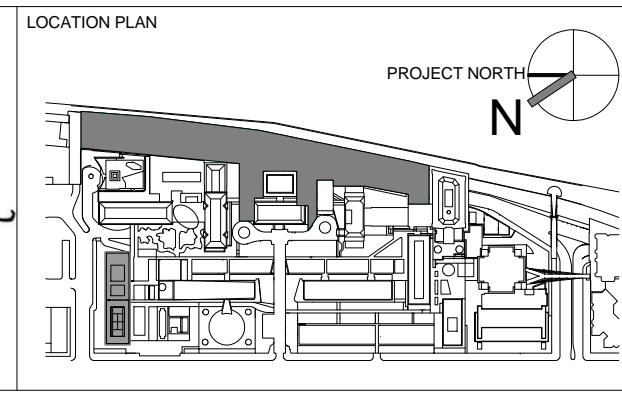
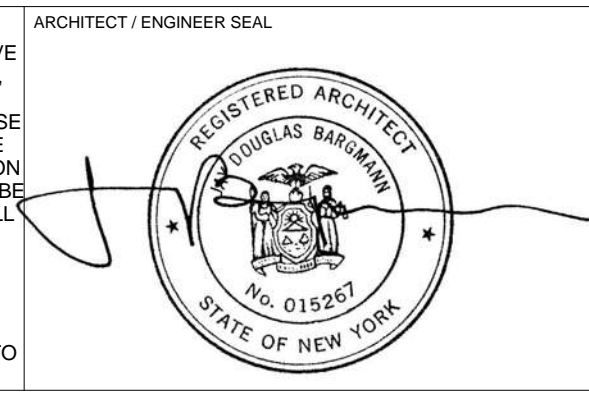
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158 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

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ROBERT SCHWARTZ ASSOCIATES
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NEW YORK, NY 10018
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
1	DOB SUBMISSION -RB	16-DEC-15	664.100	SITE DETAILS

DRIVING TITLE
SITE DETAILS

PROJECT PHASE
CONSTRUCTION DOCUMENTS

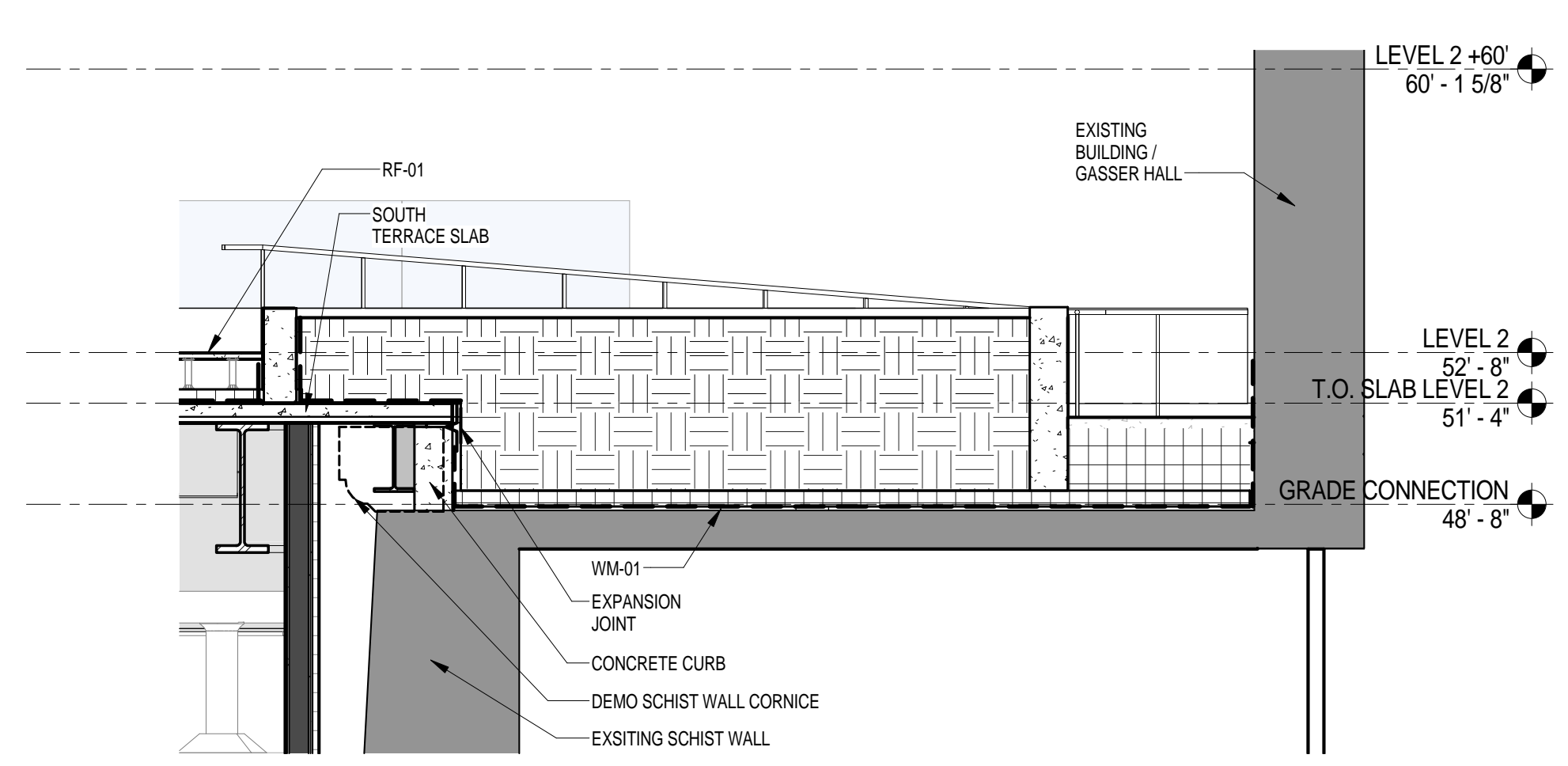
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DATE
04/20/2016

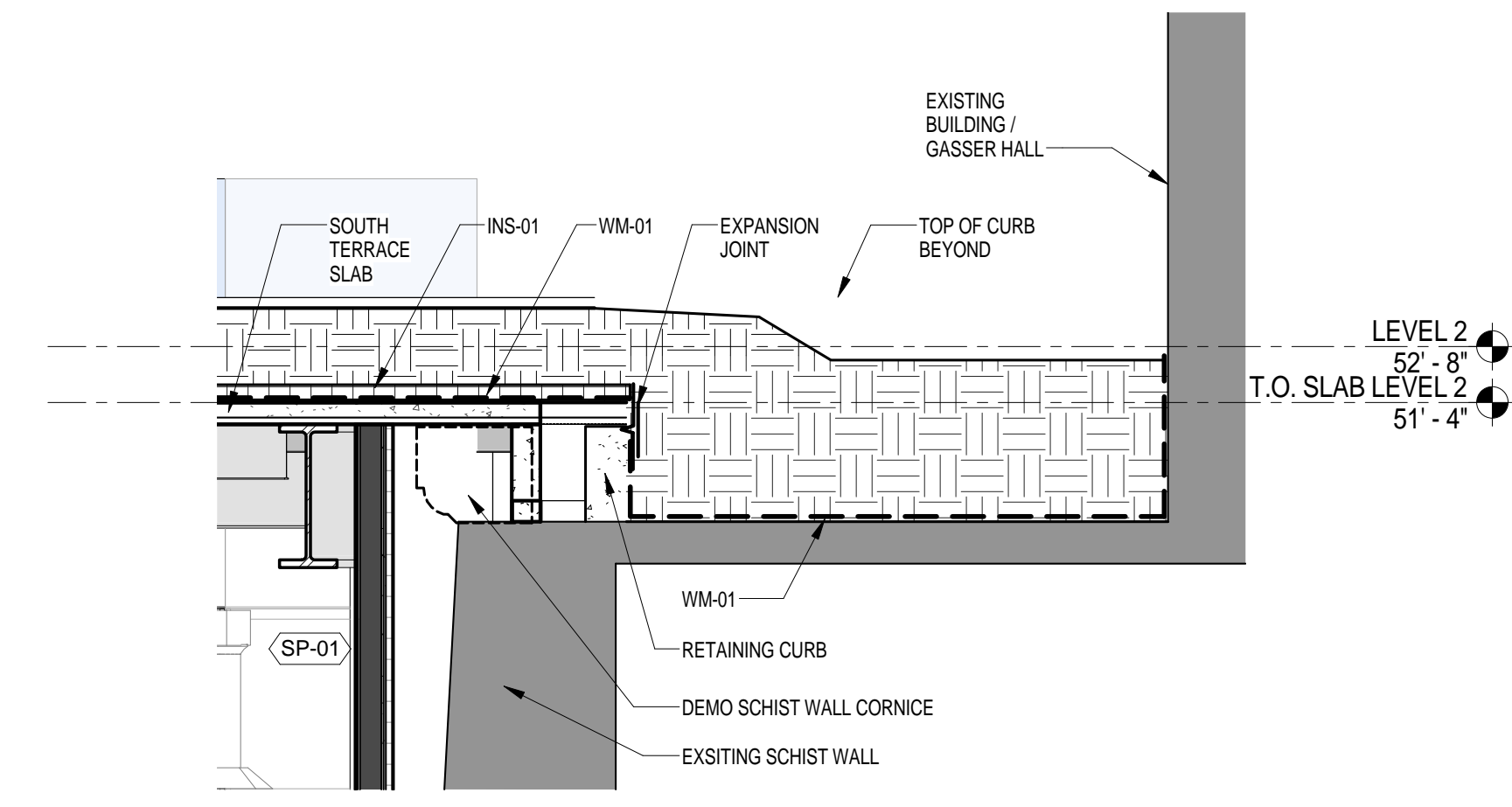
APPROVED
Under Directive 2 of 1975

NYC Development Hub

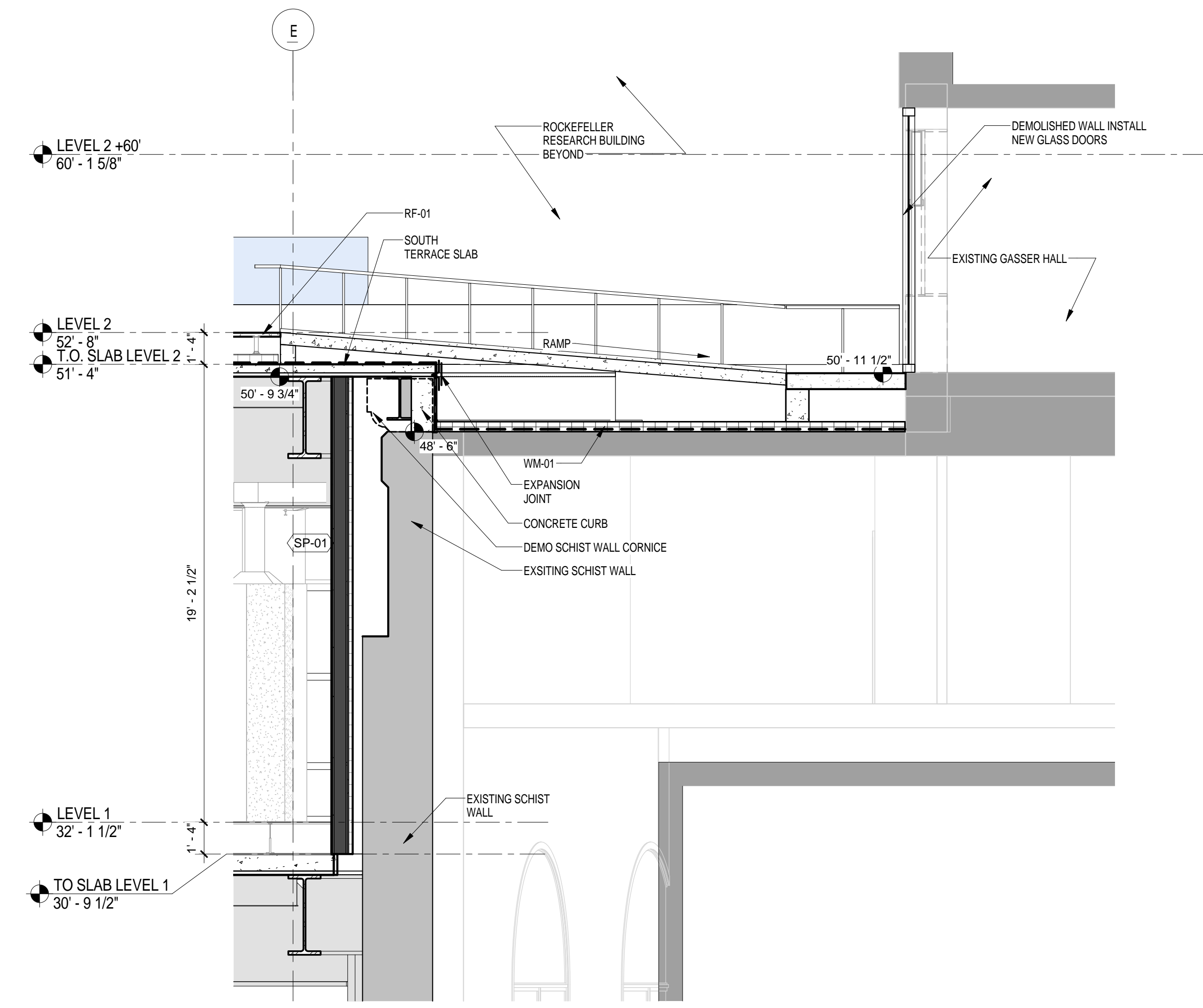
Sheet 25 of 315



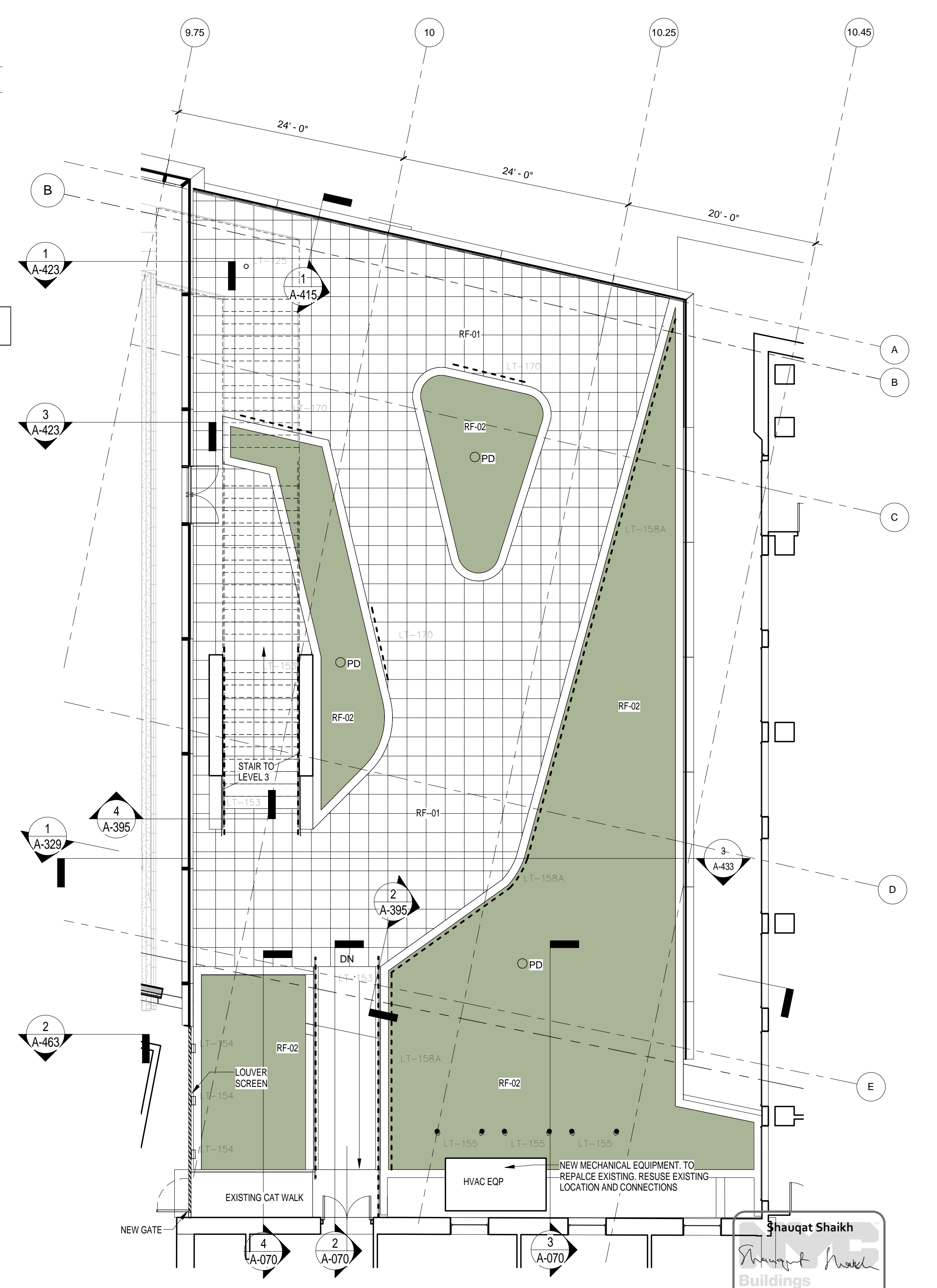
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SCALE: 1/4" = 1'-0" 4



SECTION THRU SOUTH TERRACE 2
SCALE: 1/4" = 1'-0" 3



SECTION THRU SOUTH TERRACE 2
SCALE: 1/4" = 1'-0" 2



SITE PLAN - SOUTH TERRACE
SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

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NEW YORK, NY 10013
T. 212.924.5060 F. 212.924.5858

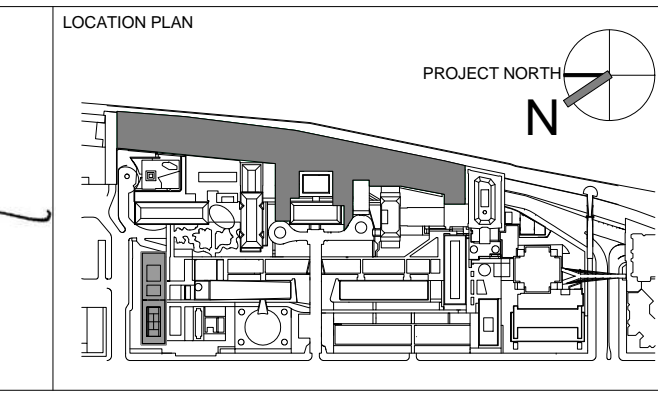
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL.
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
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NEW YORK, NY 10018
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
NICHOLAS BARDIMIR
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DEMOLITION PACKAGE	7-DEC-15
3	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

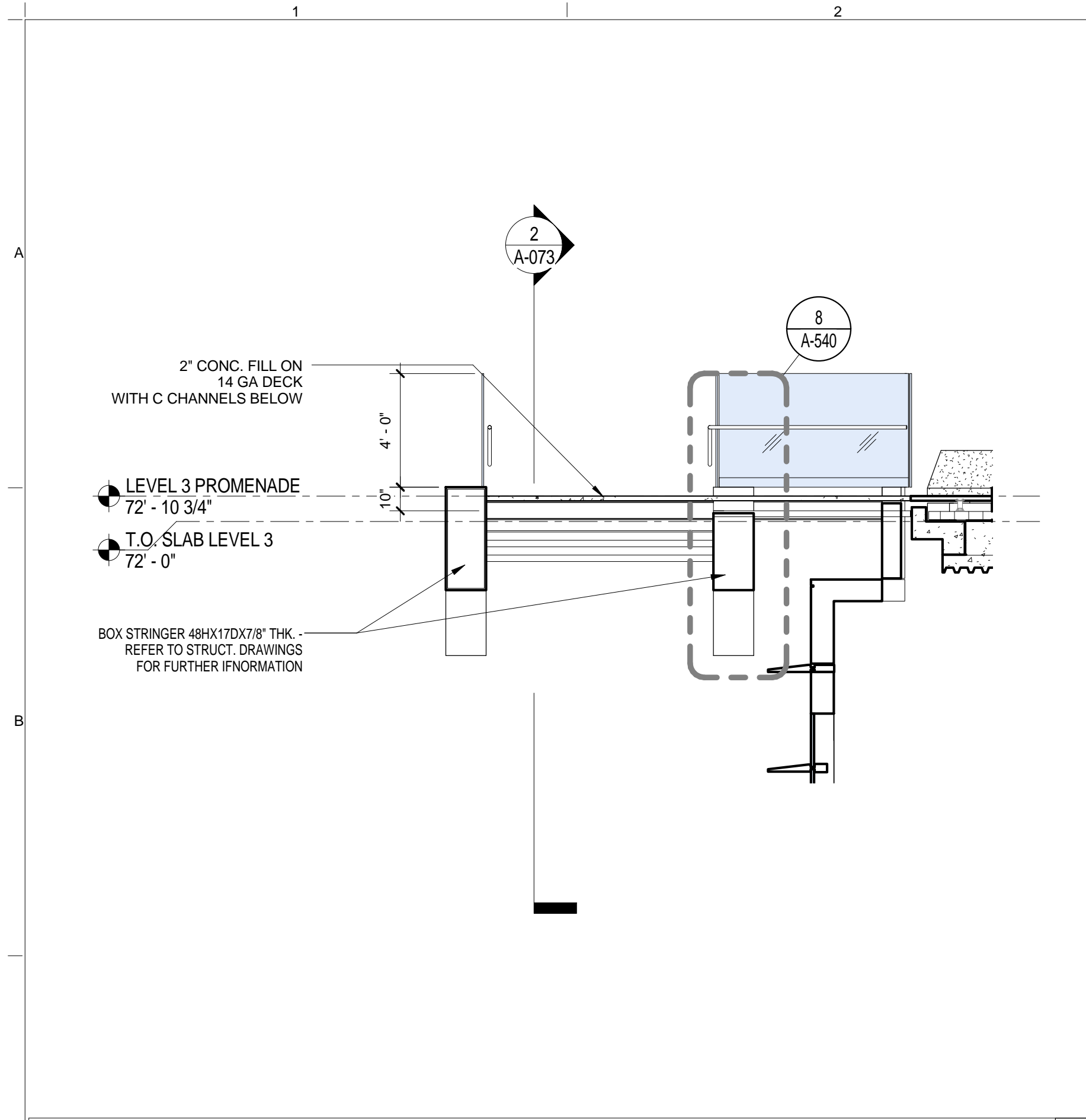
SITE PLAN - SOUTH TERRACE

DRAWING NUMBER
A-070.00

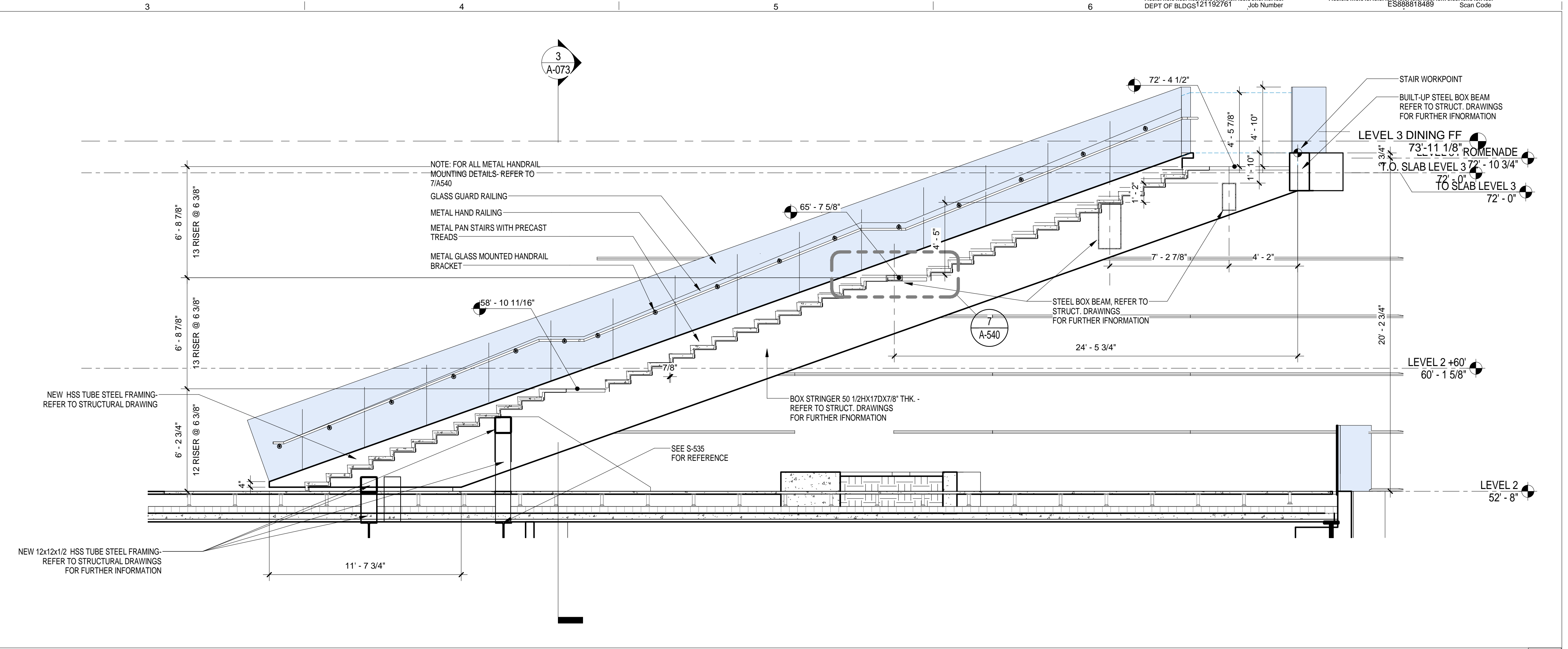
Sheet 26 of 315

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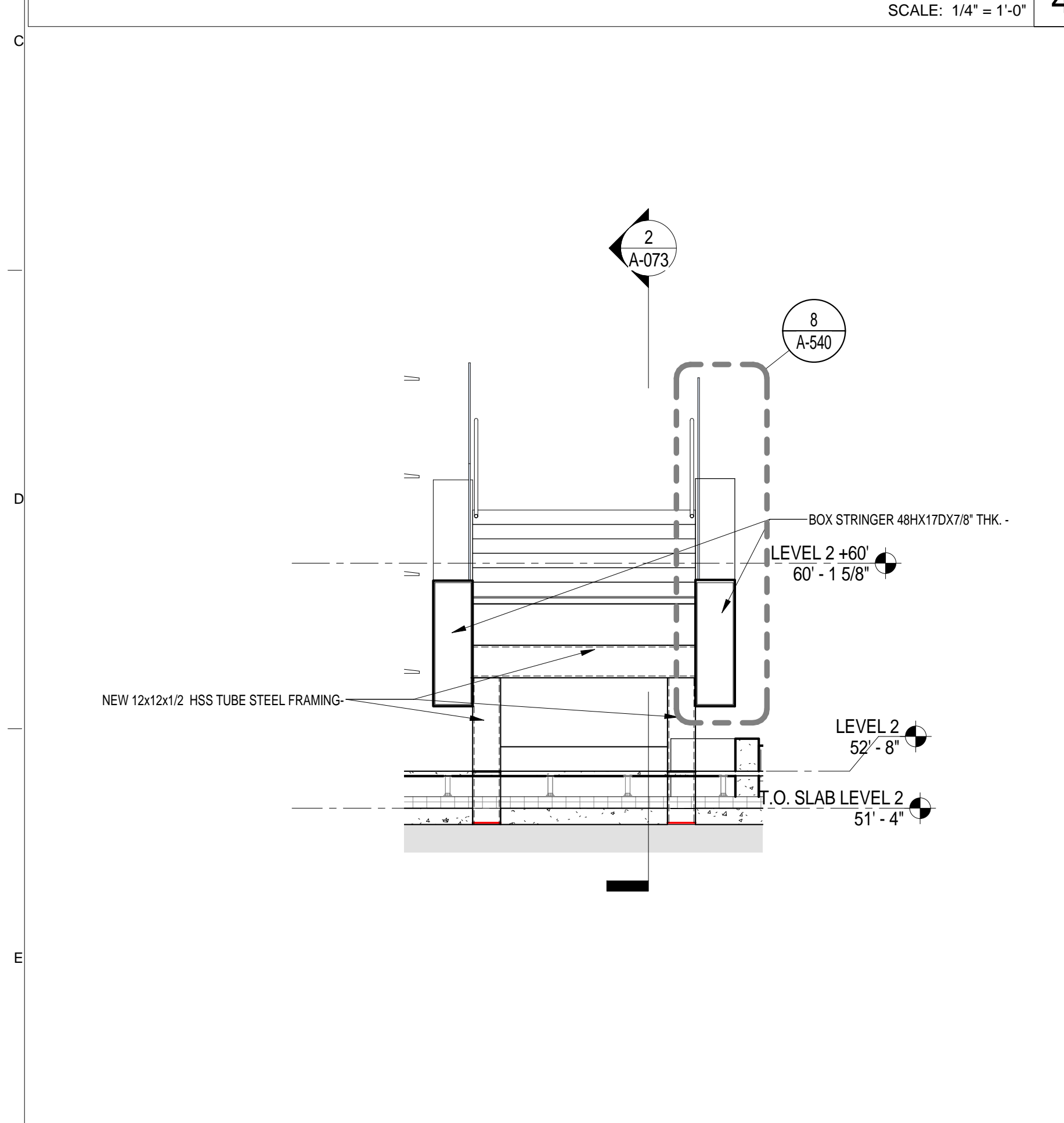
Shauqat Shaikh
APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
NYC Development Hub



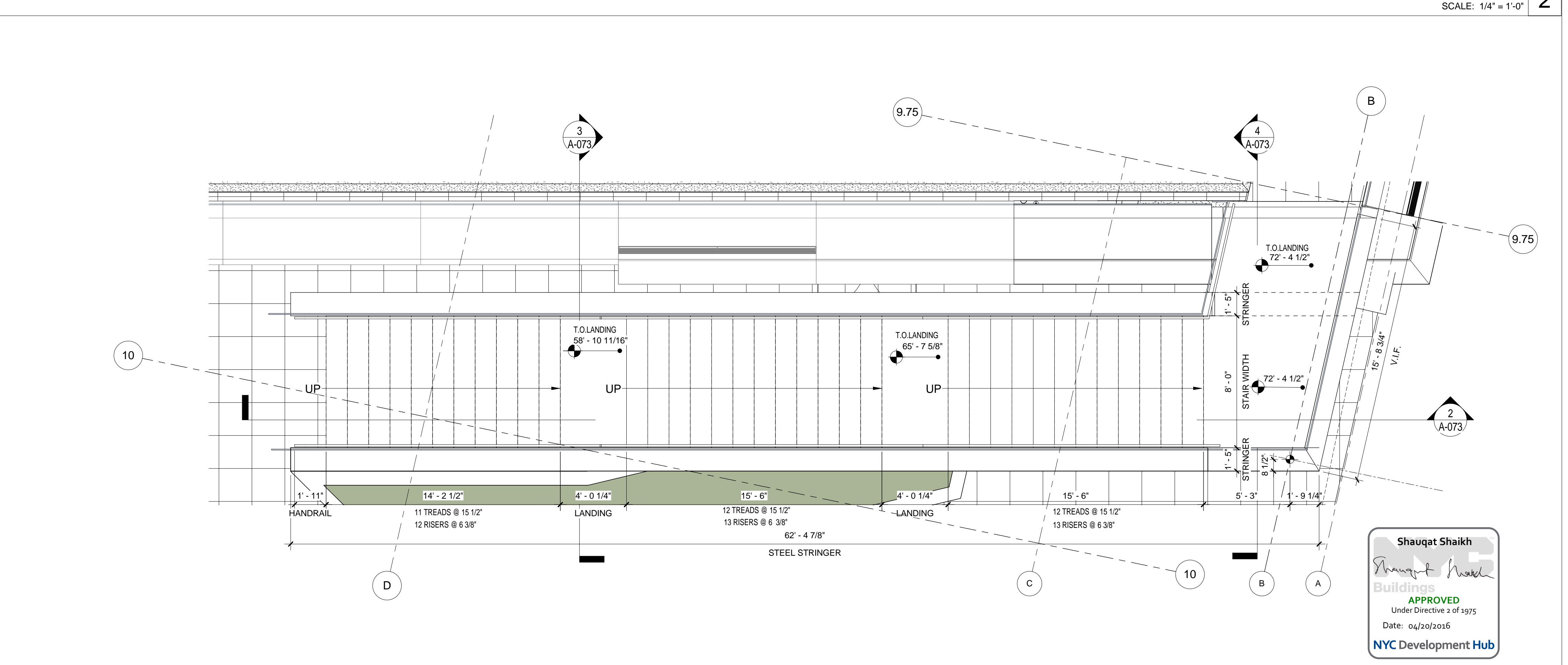
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SCALE: 1/4" = 1'-0" 4



SITE STAIR '1' SOUTH SECTION
SCALE: 1/4" = 1'-0" 2



SECTION @ BOX STRINGER
SCALE: 1/4" = 1'-0" 3



SITE STAIR '1' PLAN - LEVEL 3
SCALE: 1/4" = 1'-0" 1

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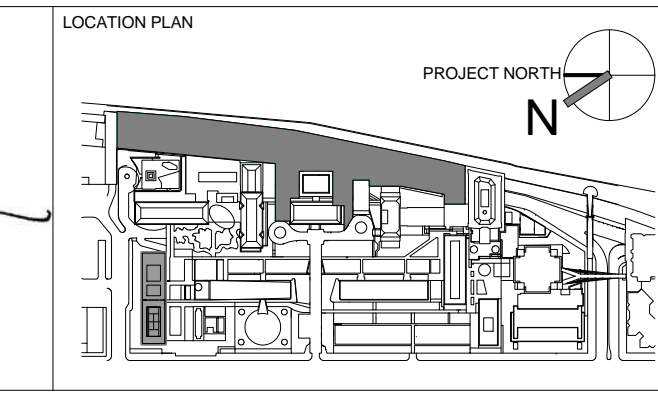
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
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MEP / FP ENGINEER
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ROBERT SCHWARTZ ASSOCIATES
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
DOMINGUS BAMBINO
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	METAL STAIR PACKAGE	14-SEPT-15
2	PROGRESS SET	30-OCT-15
3	DOB SUBMISSION -RB	16-DEC-15

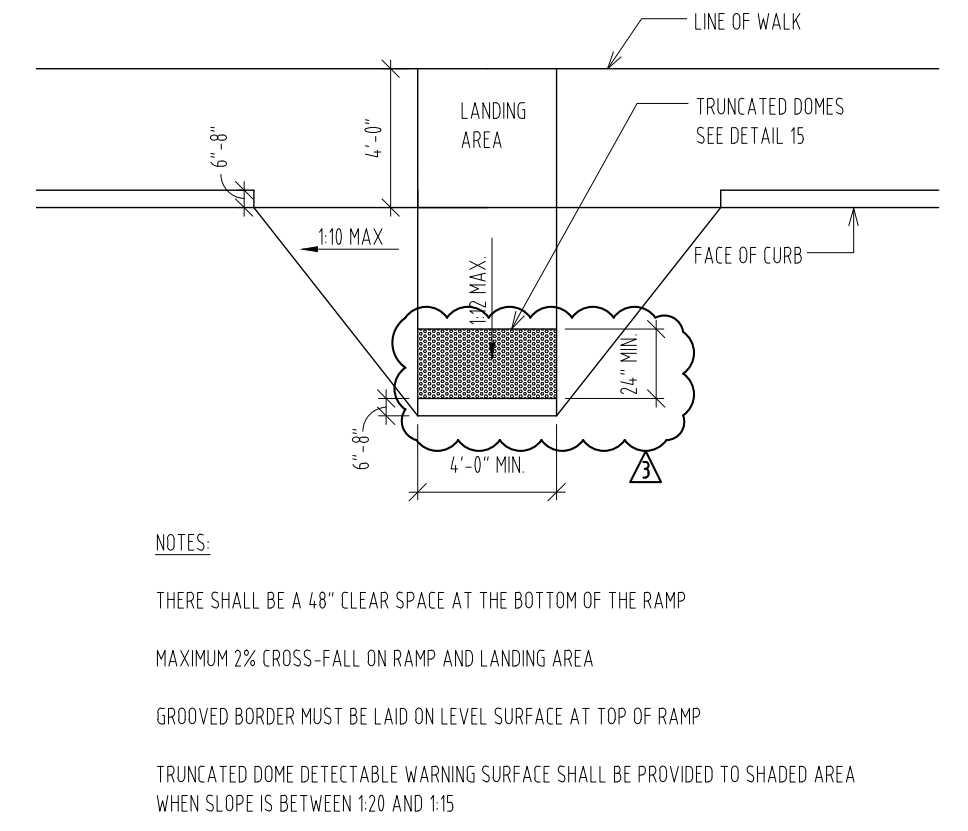
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DRAWING SIZE	24" x 36"
DRAWING SCALE	1/4" = 1'-0"
PROJECT PHASE	CONSTRUCTION DOCUMENTS

SITE STAIR '1' SOUTH TERRACE

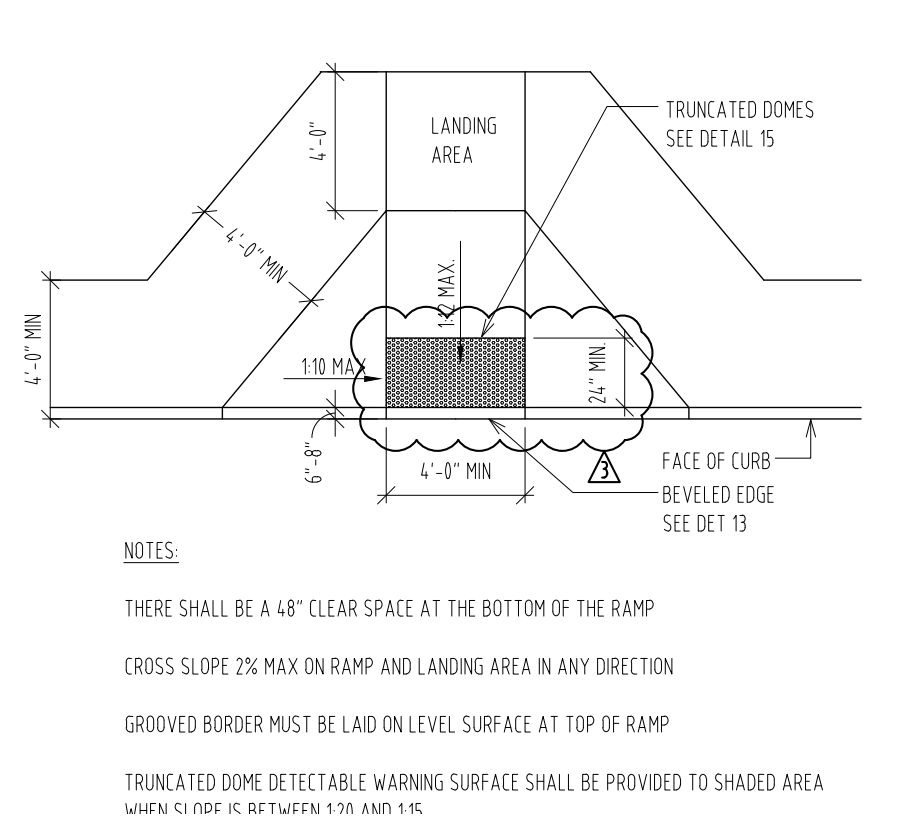
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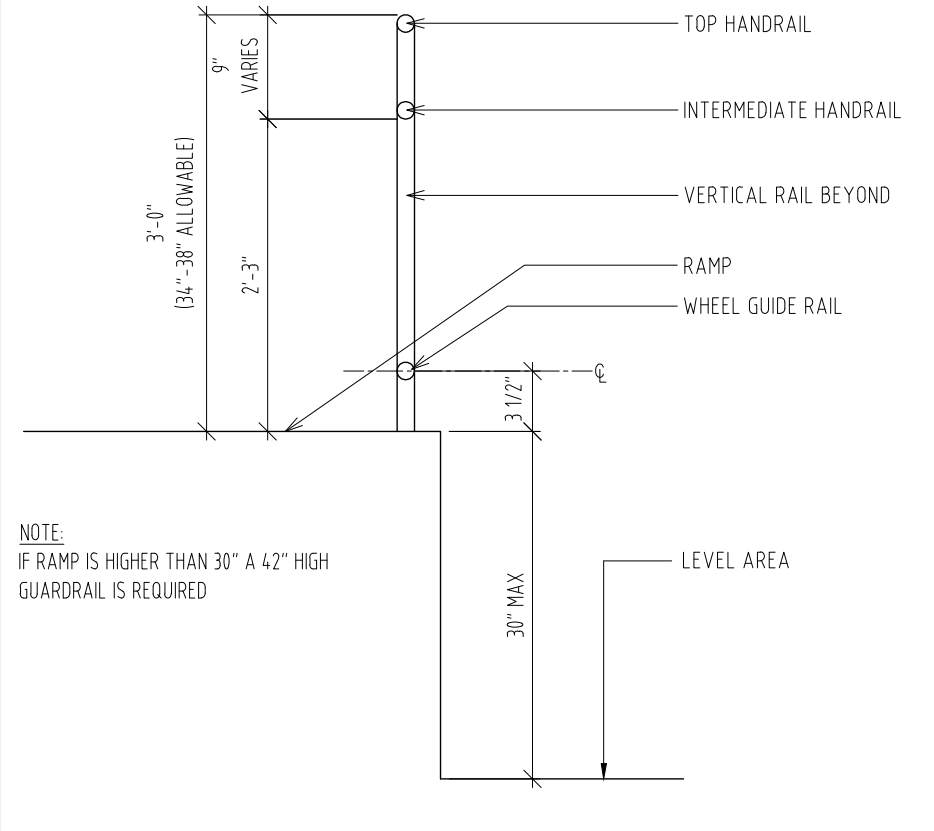
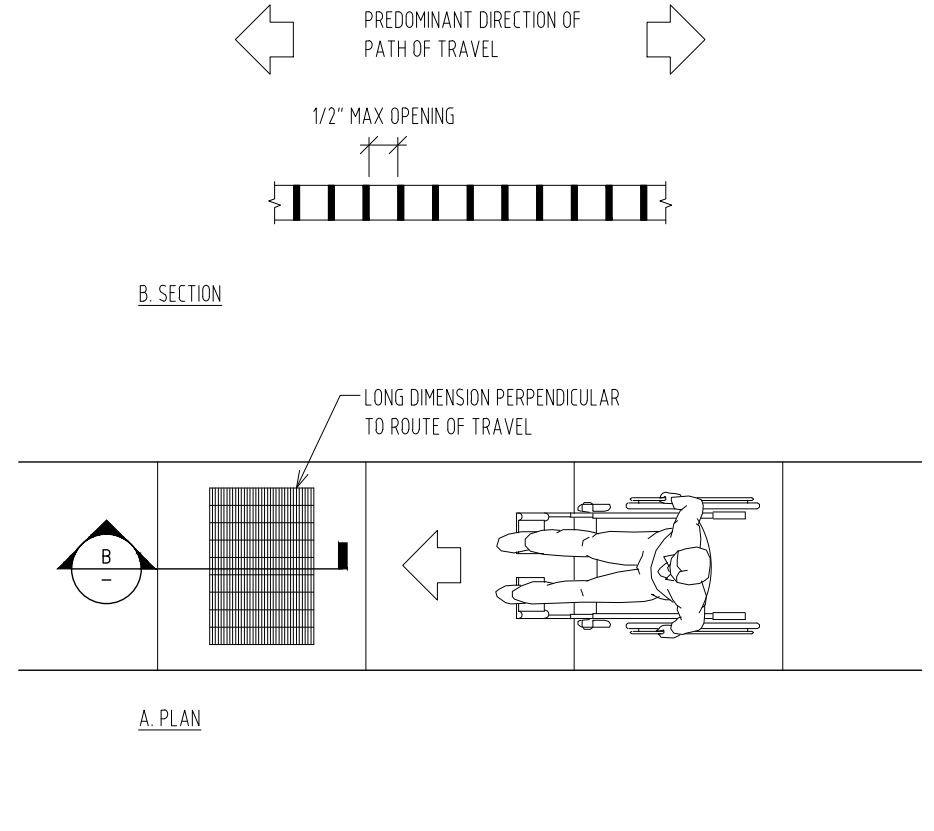
Shauqat Shaikh
Shauqat Shaikh Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub



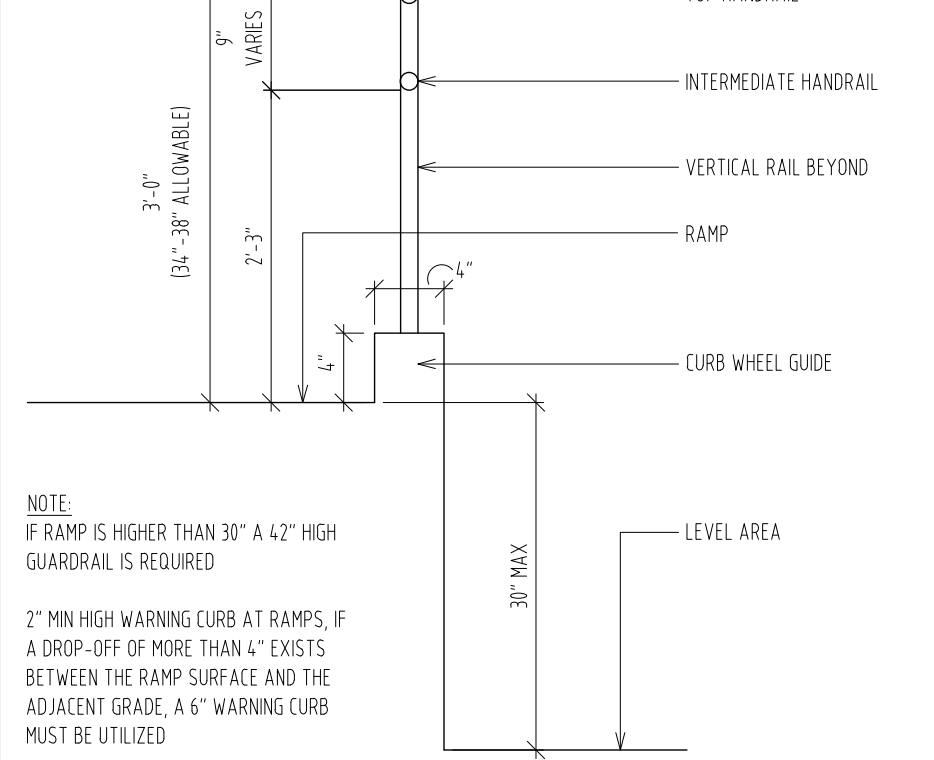
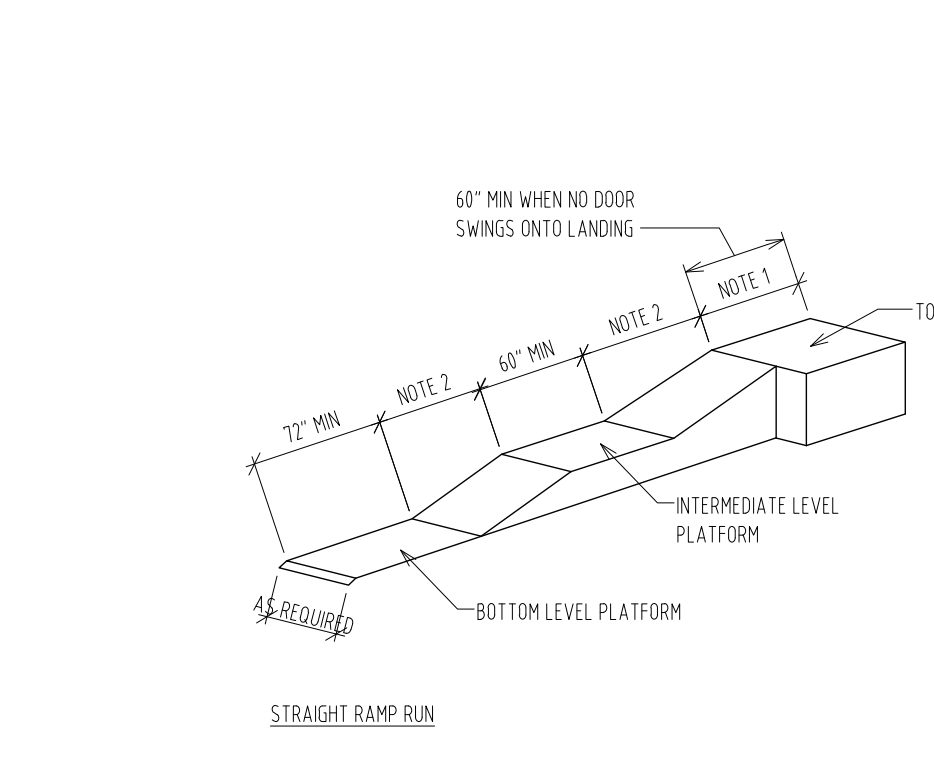
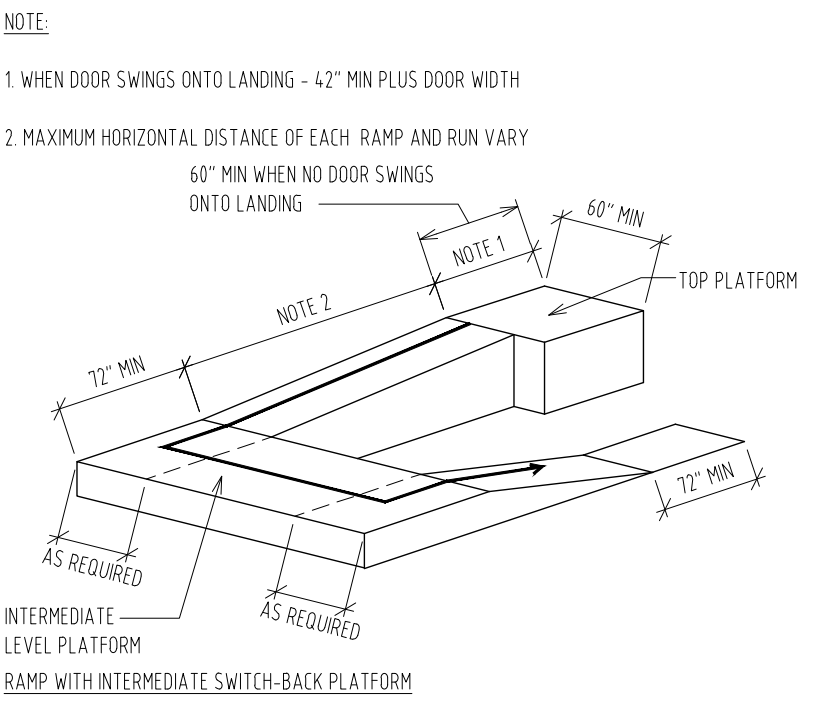
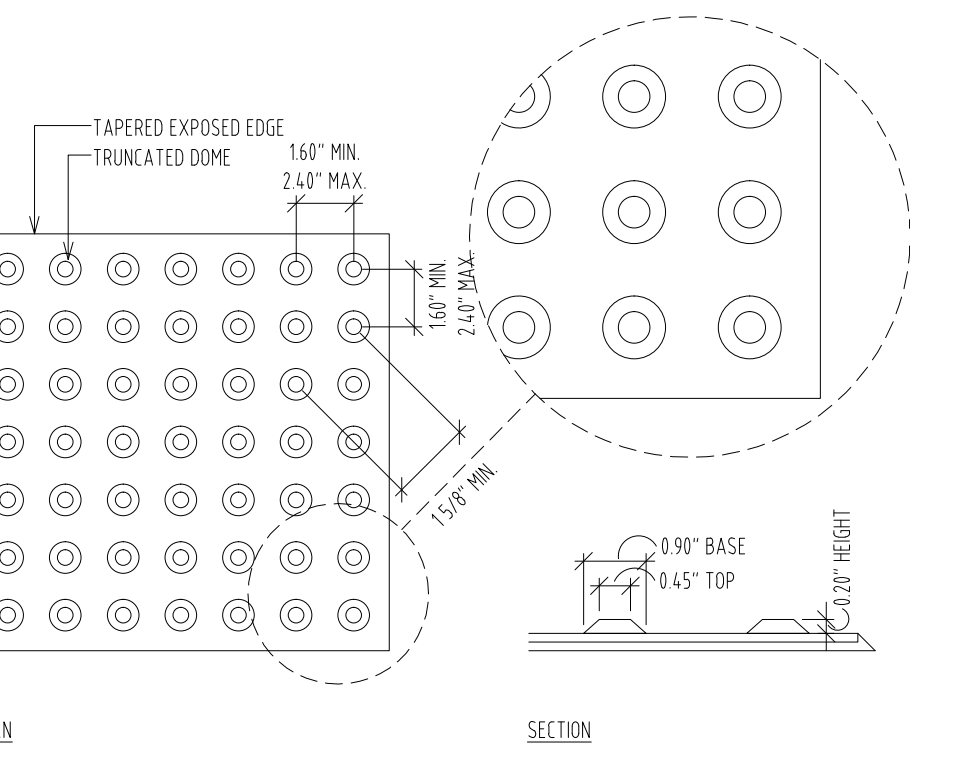
NOTES:
 THERE SHALL BE A 48" CLEAR SPACE AT THE BOTTOM OF THE RAMP
 MAXIMUM 2% CROSS-FALL ON RAMP AND LANDING AREA
 GROOVED BORDER MUST BE LAID ON LEVEL SURFACE AT TOP OF RAMP
 TRUNCATED DOME DETECTABLE WARNING SURFACE SHALL BE PROVIDED TO SHADED AREA WHEN SLOPE IS BETWEEN 1:20 AND 1:15



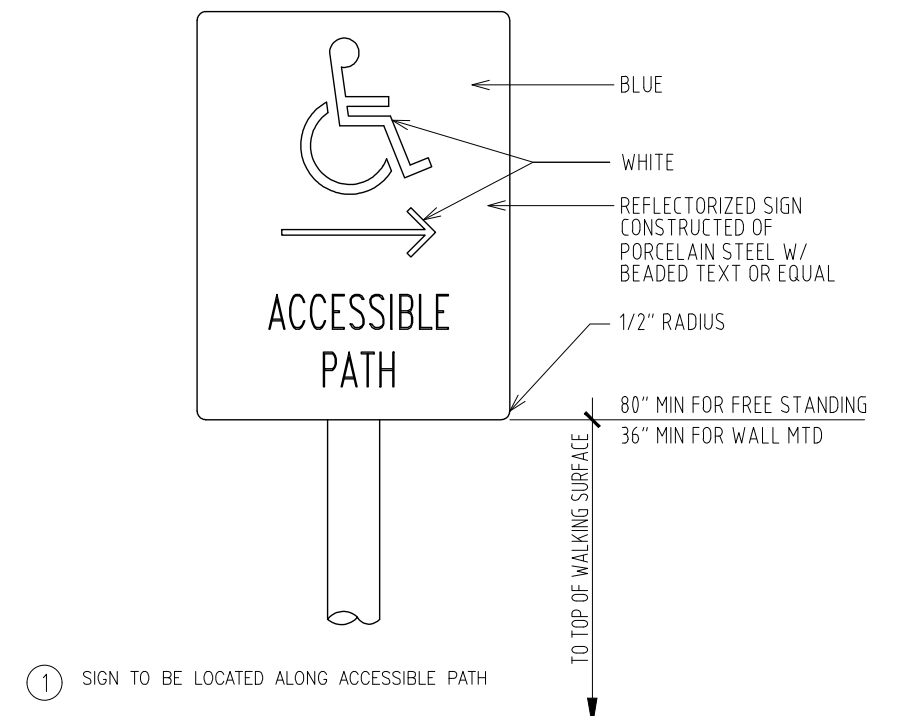
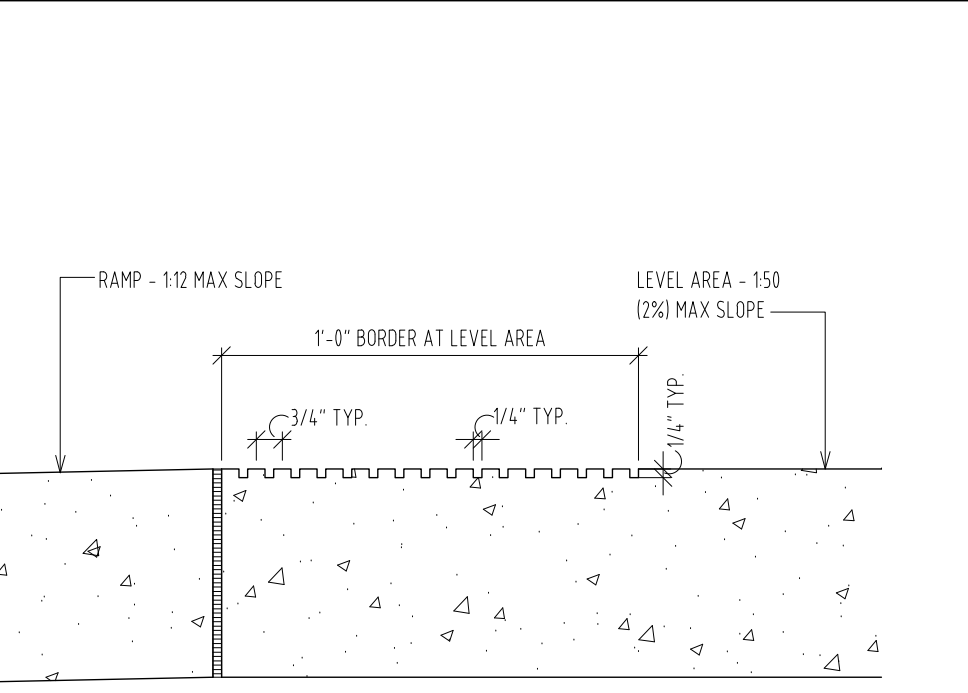
NOTES:
 THERE SHALL BE A 48" CLEAR SPACE AT THE BOTTOM OF THE RAMP
 CROSS SLOPE 2% MAX ON RAMP AND LANDING AREA IN ANY DIRECTION
 GROOVED BORDER MUST BE LAID ON LEVEL SURFACE AT TOP OF RAMP
 TRUNCATED DOME DETECTABLE WARNING SURFACE SHALL BE PROVIDED TO SHADED AREA WHEN SLOPE IS BETWEEN 1:20 AND 1:15



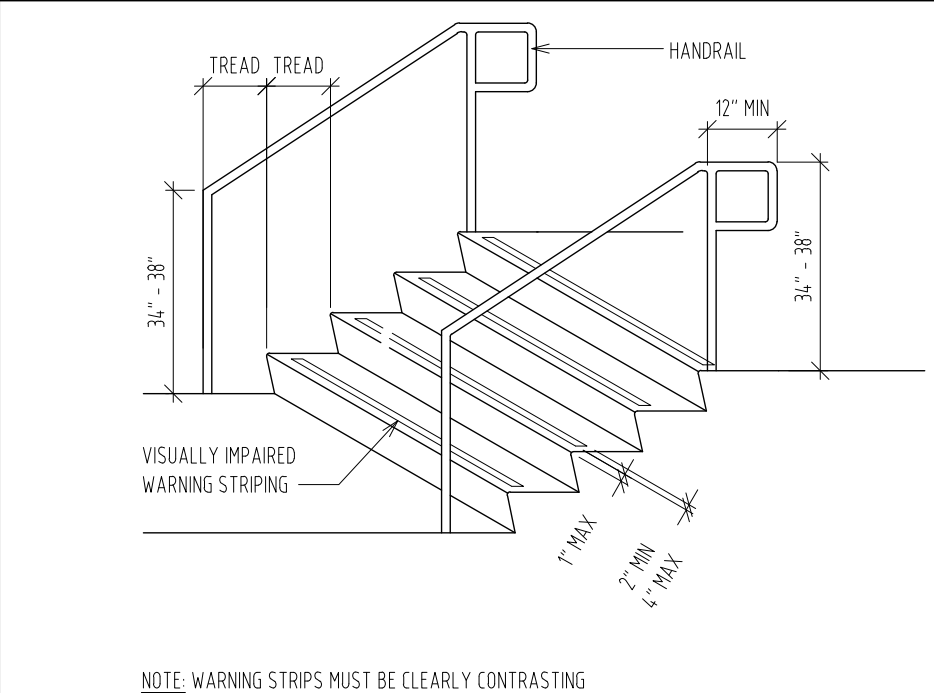
NOTE:
 IF RAMP IS HIGHER THAN 30" A 42" HIGH GUARDRAIL IS REQUIRED



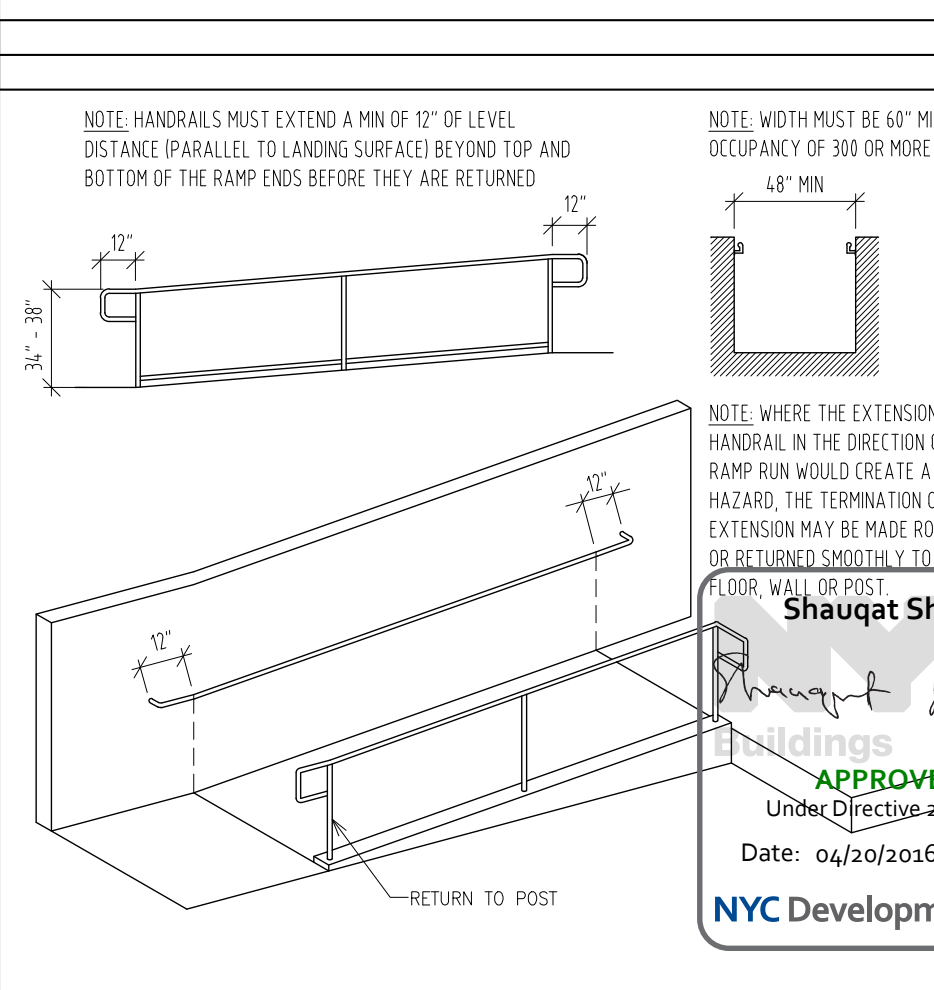
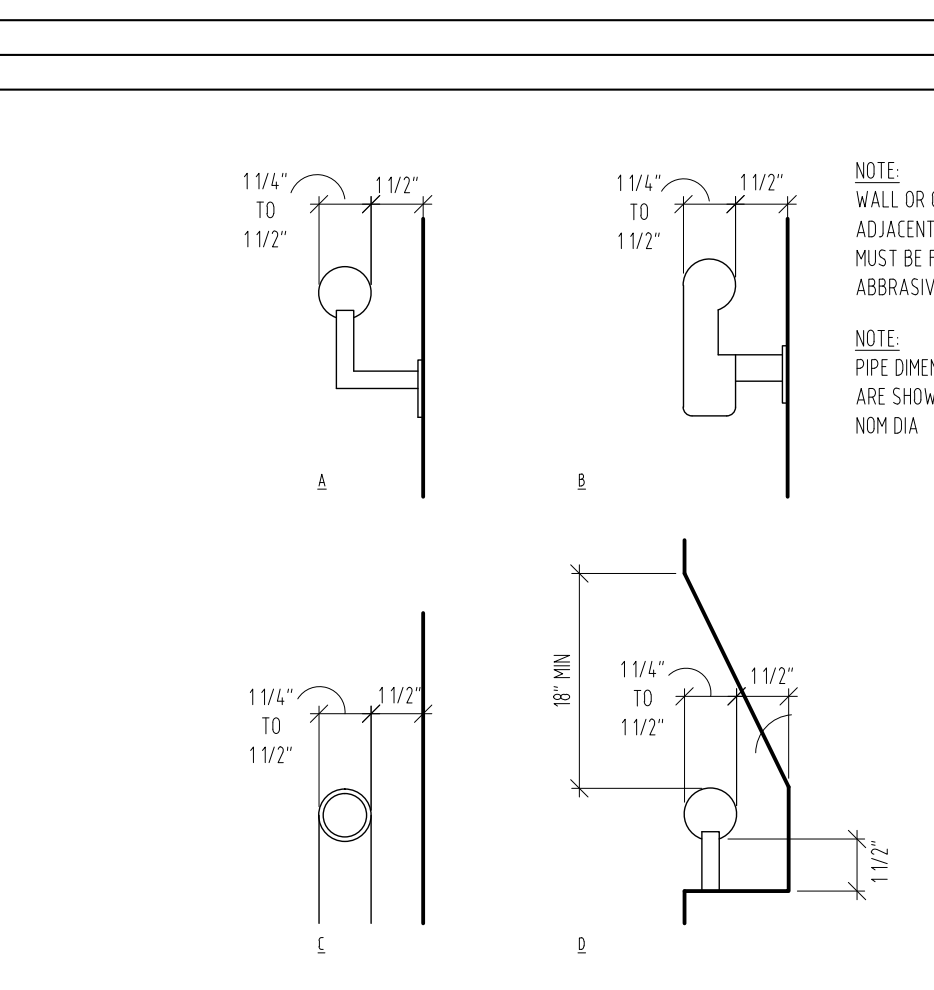
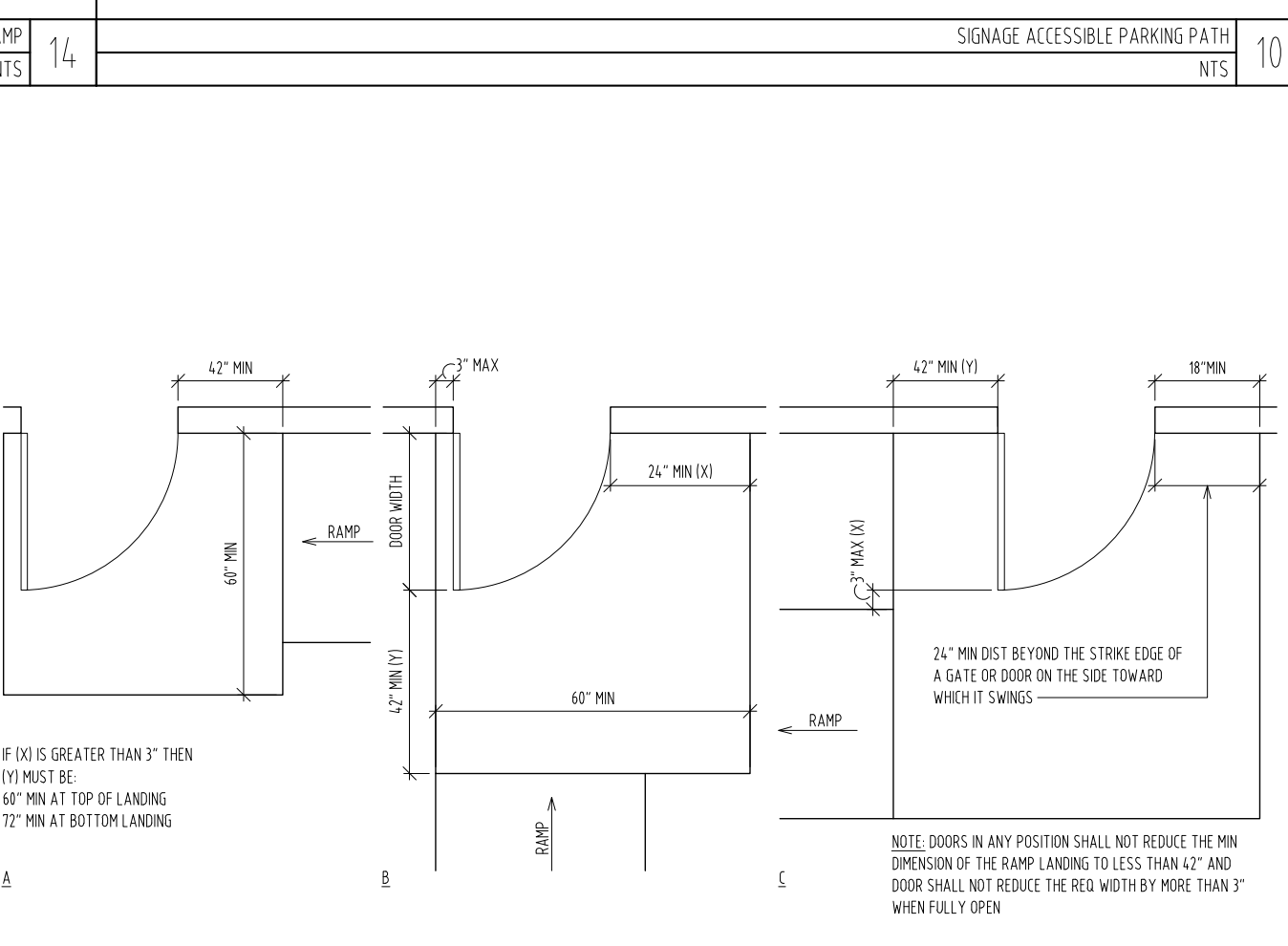
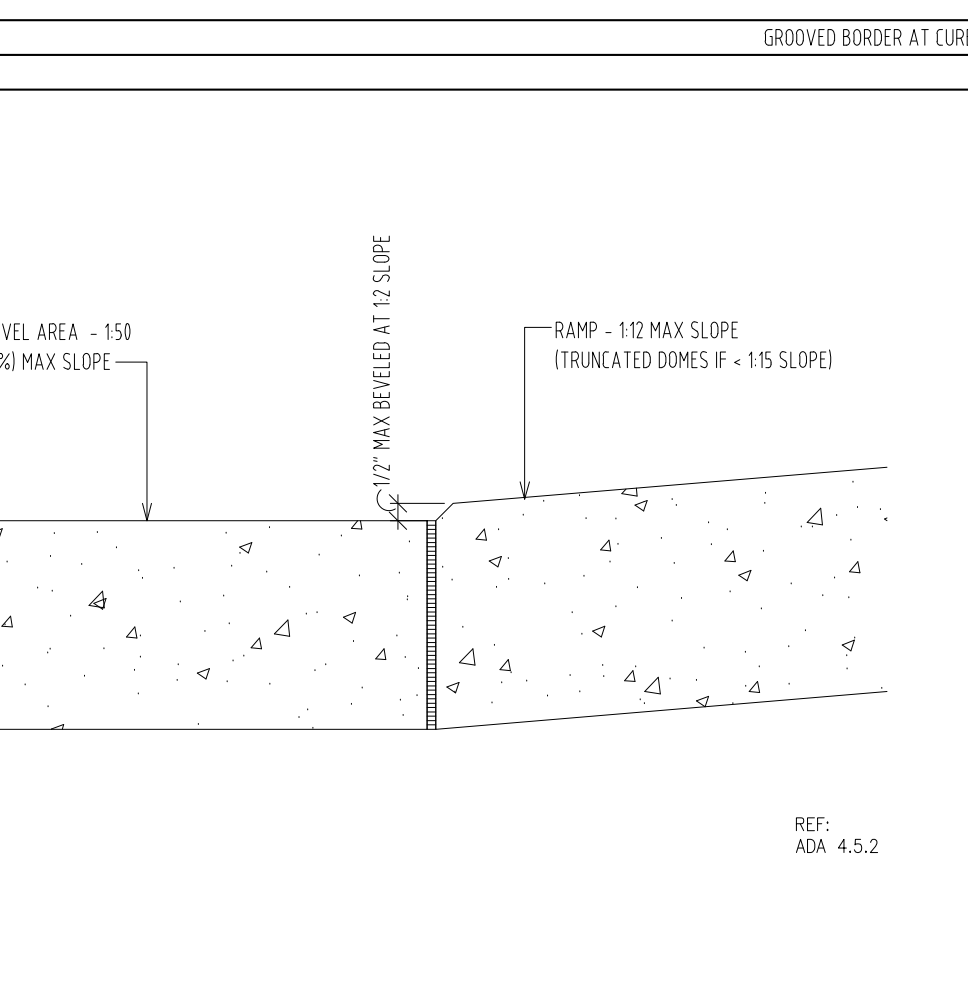
NOTE:
 IF RAMP IS HIGHER THAN 30" A 42" HIGH GUARDRAIL IS REQUIRED
 2" MIN HIGH WARNING CURB AT RAMP, IF A DROP-OFF OF MORE THAN 4" EXISTS BETWEEN THE RAMP SURFACE AND THE ADJACENT GRADE, A 6" WARNING CURB MUST BE UTILIZED



SLOPE	%	MAXIMUM RISE (IN/CHES)	MAX. HORIZ. PROJECTION (FEET)
1:12	8.33%	30 IN	30.0 FT
1:15	6.67%	30 IN	37.5 FT
1:16	6.25%	30 IN	48.0 FT
1:20	5.00%	30 IN	50.0 FT



NOTE: WARNING STRIPS MUST BE CLEARLY CONTRASTING COLOR FROM ADJACING SURFACES. THE STRIP MUST BE MADE OF A MATERIAL THAT IS AT LEAST AS SLIP-RESISTANT AS THE OTHER TREADS OF THE STAIR (PAINTED STRIPS ARE ACCEPTABLE)



NOTE: HANDRAILS MUST EXTEND A MIN OF 12" OF LEVEL DISTANCE (PARALLEL TO LANDING SURFACE) BEYOND TOP AND BOTTOM OF THE RAMP ENDS BEFORE THEY ARE RETURNED
NOTE: WIDTH MUST BE 60" MIN WITH OCCUPANCY OF 300 OR MORE
NOTE: WHERE THE EXTENSION OF THE HANDRAIL IN THE DIRECTION OF THE RAMP RUN WOULD CREATE A HAZARD, THE TERMINATION OF THE EXTENSION MAY BE MADE ROUNDED OR BEHIND A SHORTLY TO A CURB WALL OR POST
 Shauqat Shaikh
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

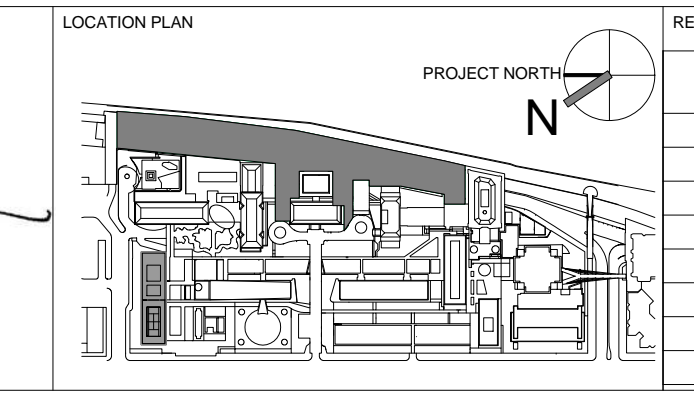
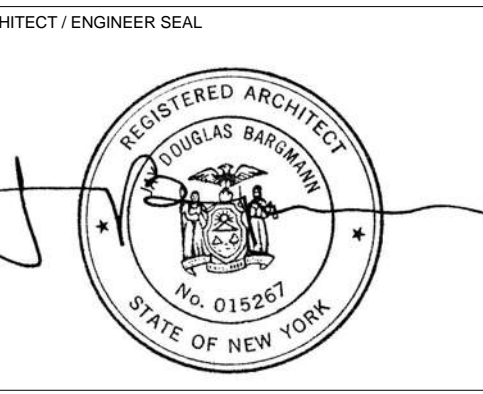
ARCHITECT
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STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
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INTERIOR LIGHTING DESIGNER
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 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
 T. 212.691.3248



REV	DESCRIPTION	DATE
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	DOB SUBMISSION	12-MAR-15
4	DOB SUBMISSION	31-JULY-15
5	E&F ADDENDUM	31-JULY-15
6	DOB SUBMISSION	20-AUG-15
7	DOB SUBMISSION - RB	01-OCT-15
8	PROGRESS SET	30-OCT-15
9	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING TITLE
 ACCESSIBILITY GUIDELINES SITE

DRAWING NUMBER
 A-076.00

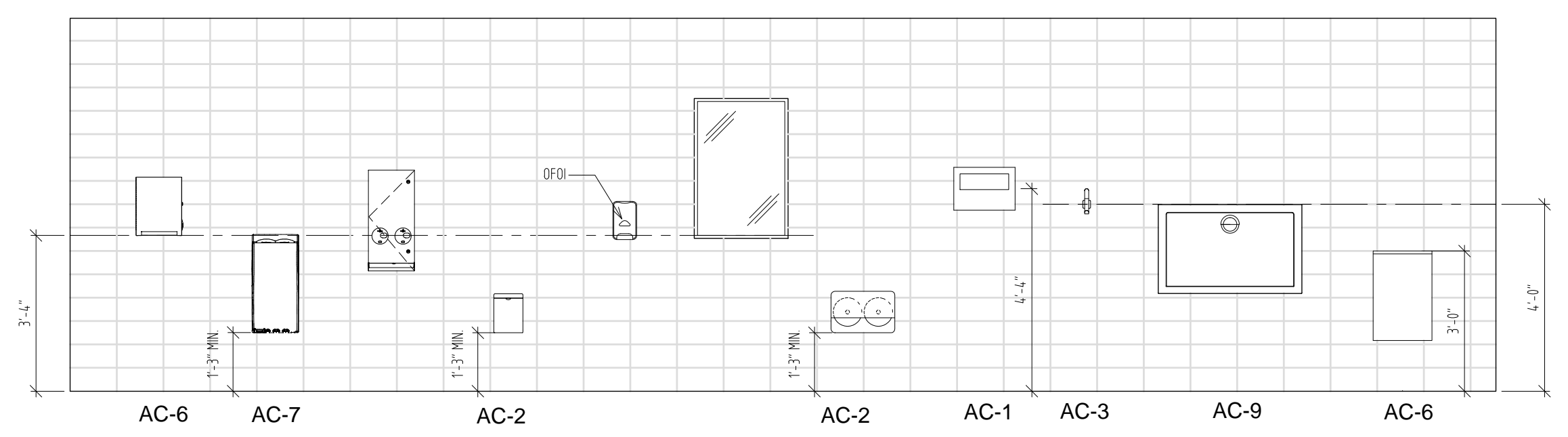
DATE
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PROJECT PHASE
 CONSTRUCTION DOCUMENTS

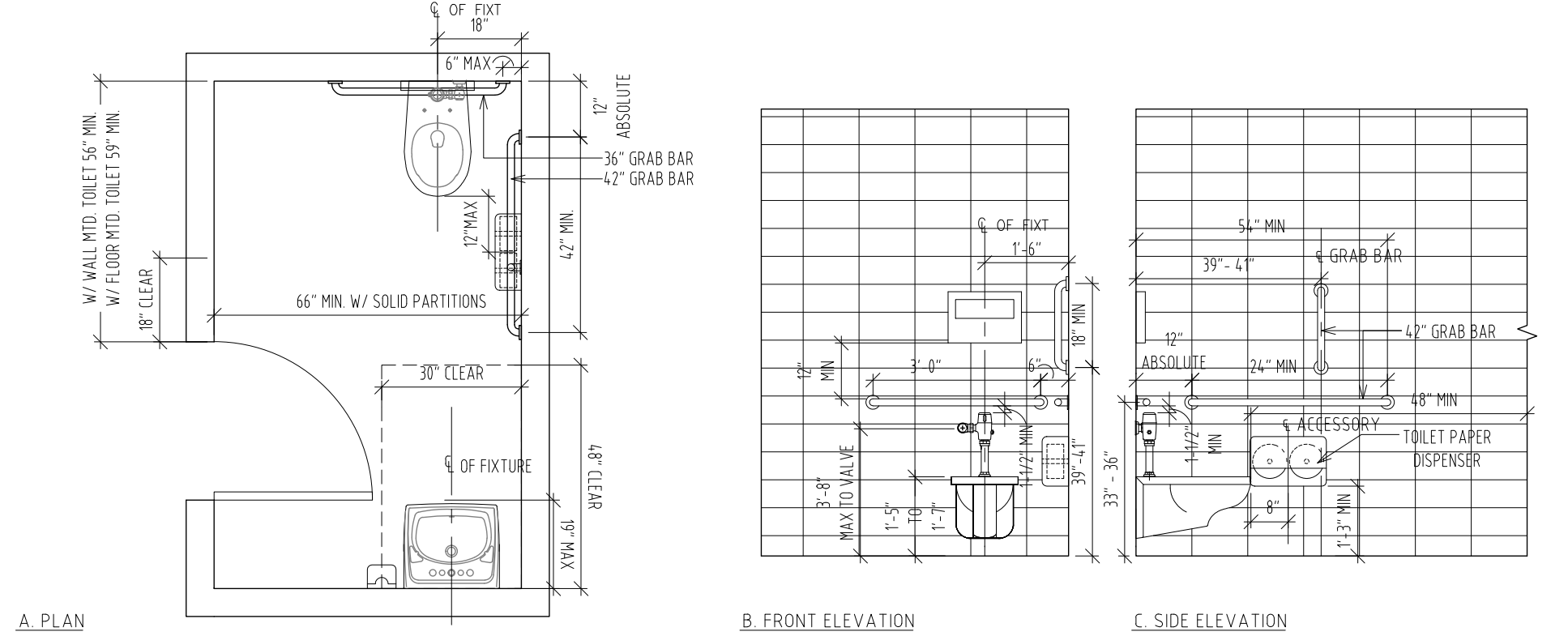
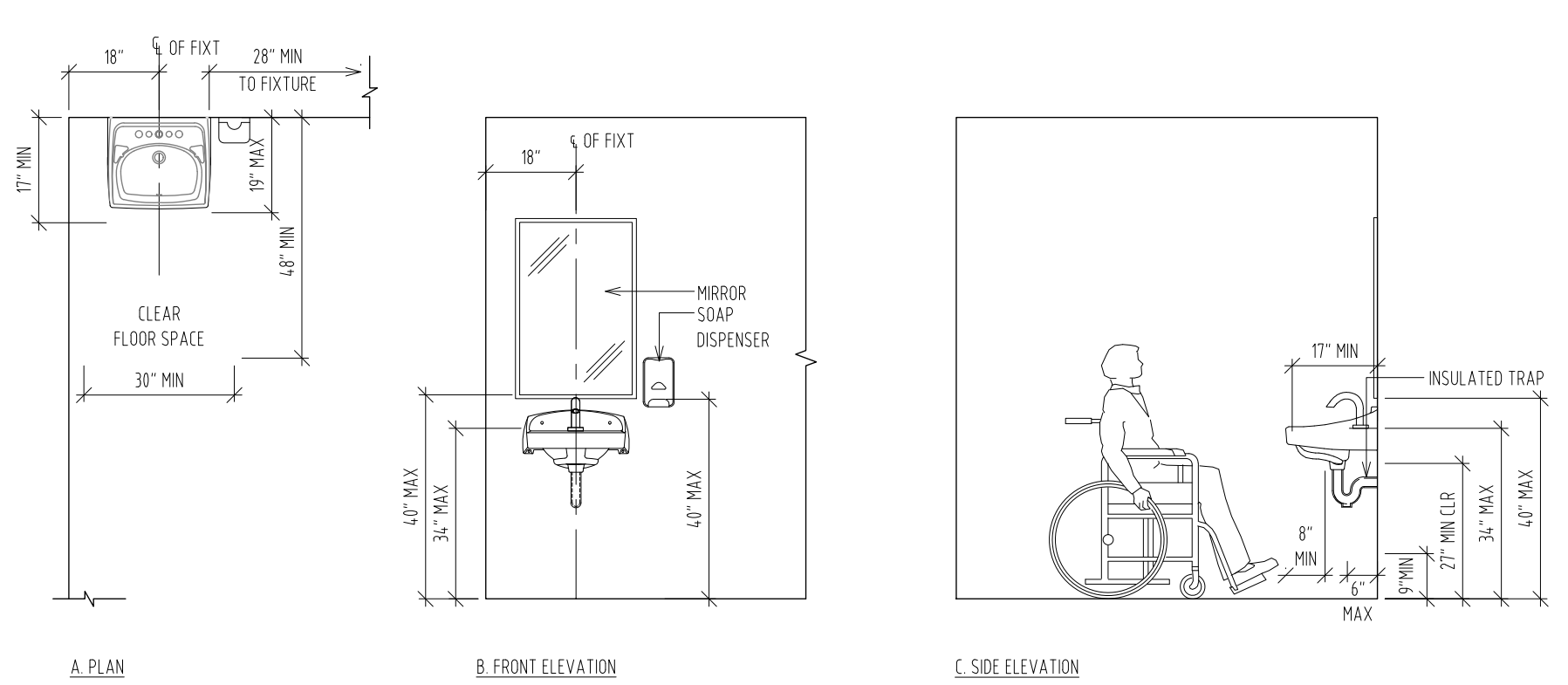
SHEET 28 OF 315

NOTE:
SEE A-820 FOR FULL ACCESSORY SCHEDULE

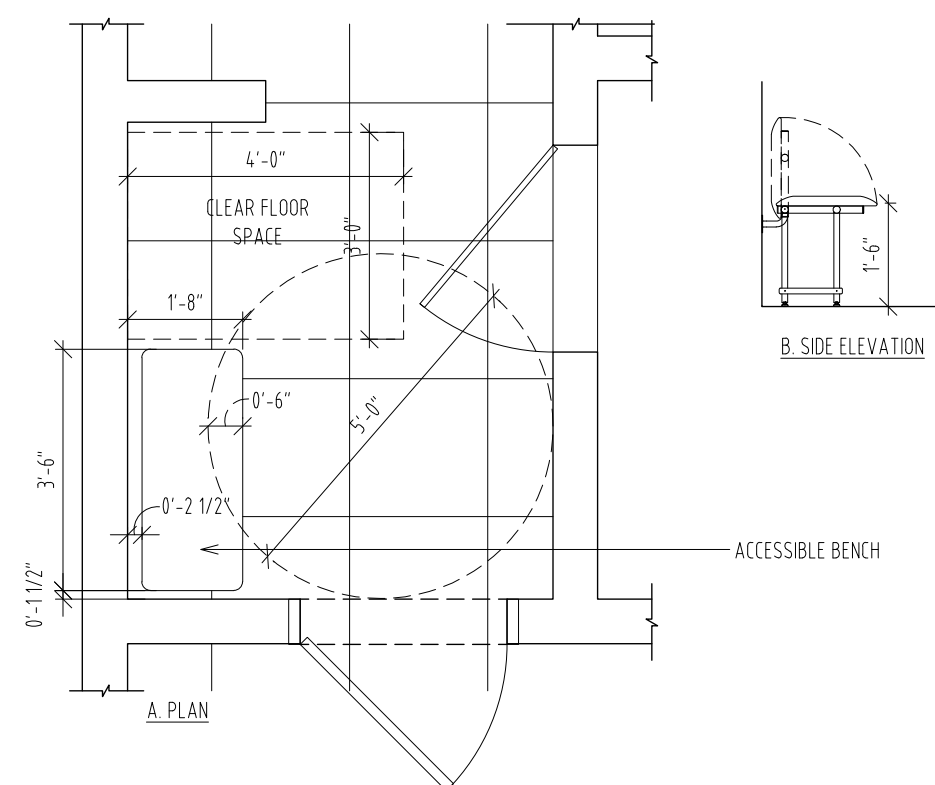
AC-1	PARTITION MOUNTED INSULATED TOILET SEAT COVER & TOILET PAPER DISPENSER	AC-6	PAPER TOWEL DISPENSER & RECEPTACLE
AC-2	ADA TOILET SEAT COVER / TOILET PAPER DISPENSER / SANITARY NAPKIN DISPOSAL HOOKS AT BACK OF PARTITION DOOR	AC-7	HAND DRYERS
AC-3	60" ADA GRAB BAR	AC-8	LAVATORY MOUNTED SOAP DISPENSER
AC-4	42" ADA GRAB BAR	AC-9	RECESSED BABY CHANGING STATION



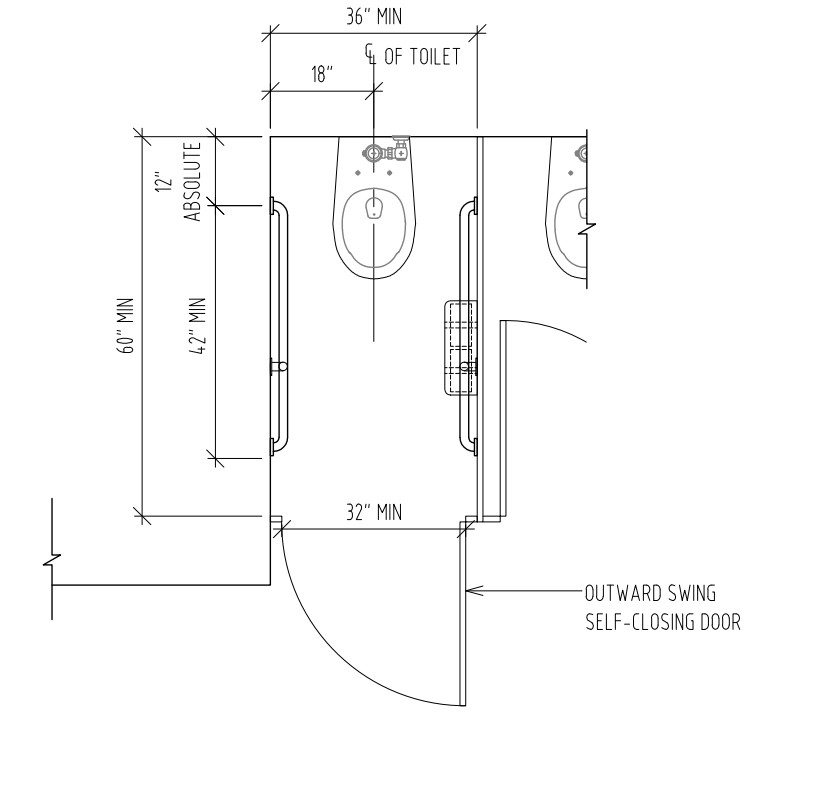
04 MOUNTING HEIGHTS SANITARY ACCESSORIES NTS



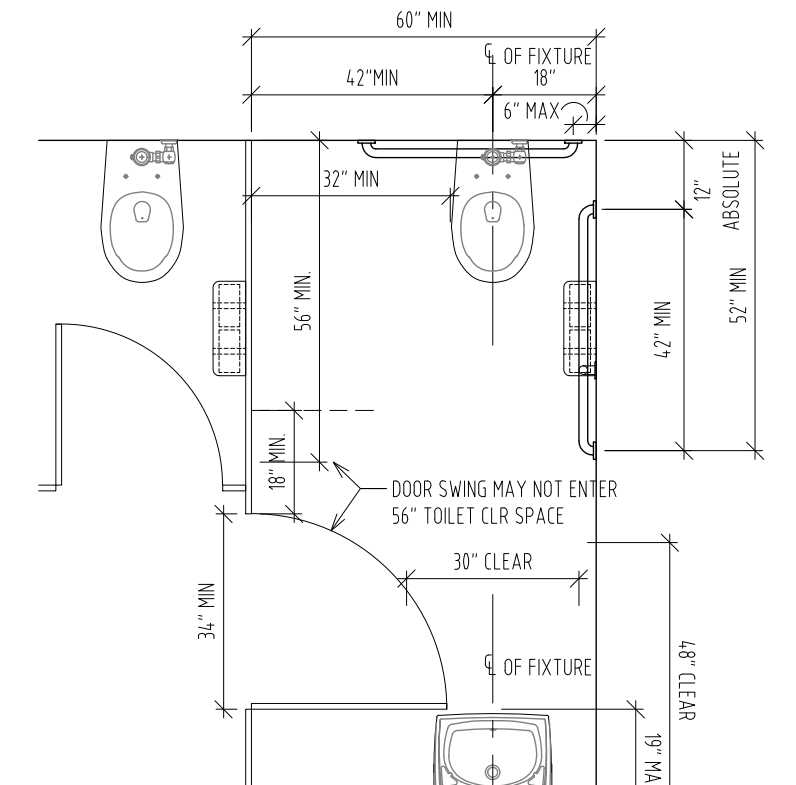
07 ACCESSIBLE LAVATORY NTS



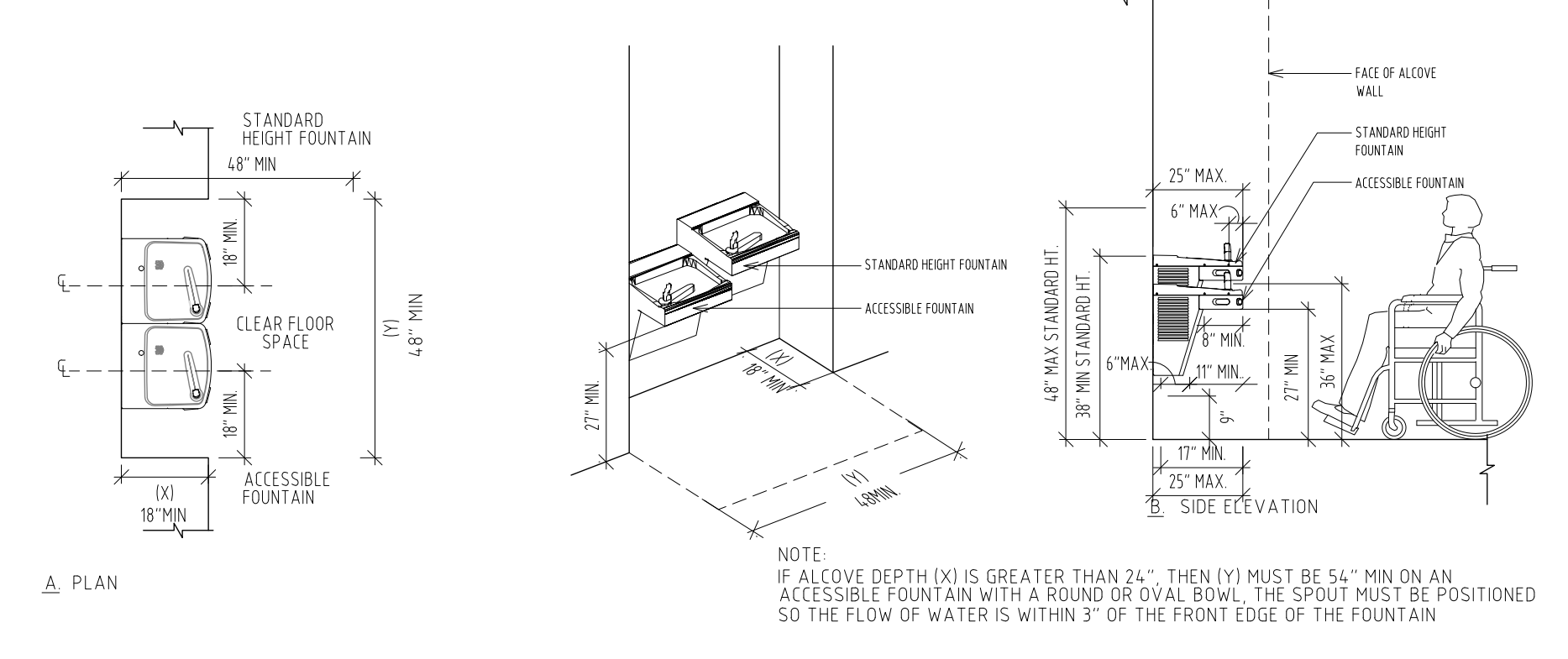
11 ACCESSIBLE BENCH IN LOCKER/ SHOWER ROOM NTS



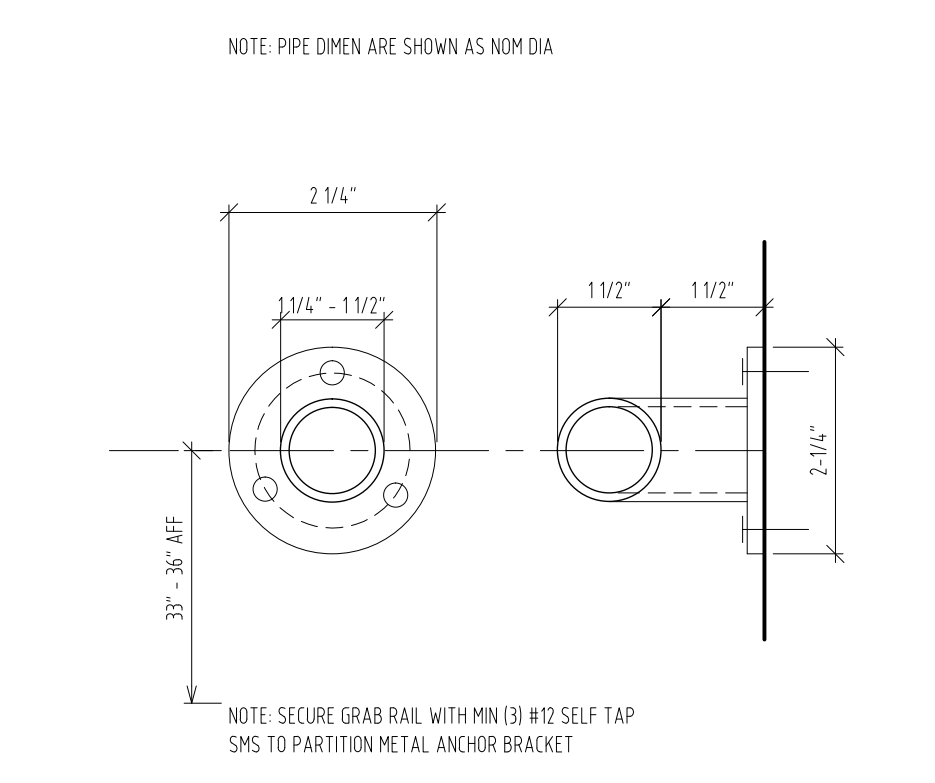
09 MULTI ACCOMMODATION TOILET ROOM AMBULATORY ACCESSIBLE TOILET STALL NTS



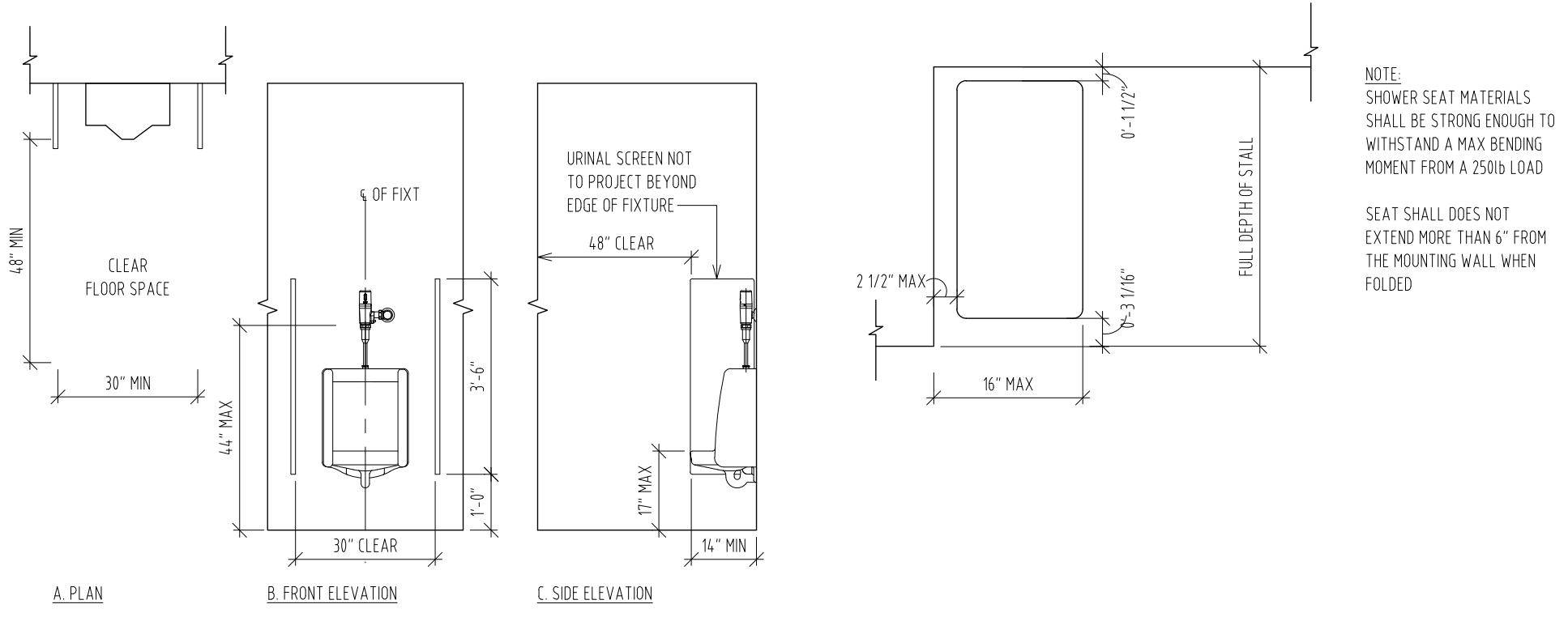
06 MULTI ACCOMMODATION TOILET ROOM ACCESSIBLE TOILET STALL NTS



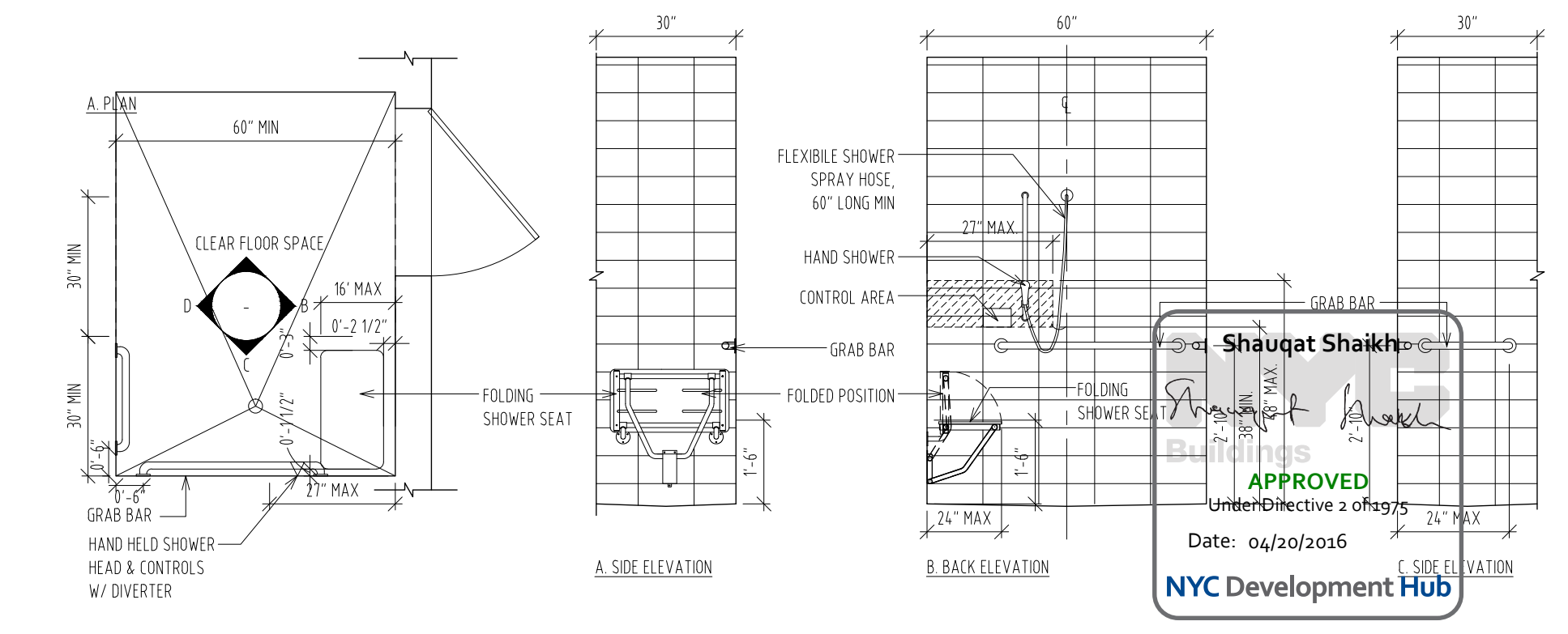
02 DRINKING FOUNTAIN - ALCOVE (HIGH-LOW) NTS



10 GRAB BAR NTS



08 ACCESSIBLE URINAL NTS



05 FOLDING SHOWER SEAT (ROLL-IN SHOWER) NTS

01 ACCESSIBLE SHOWER - ROLL-IN SHOWER NTS

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10015

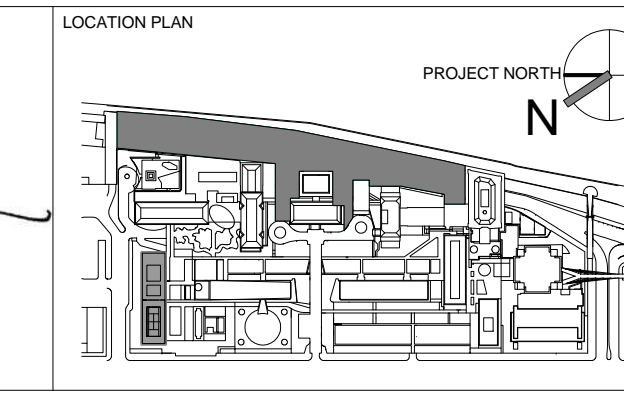
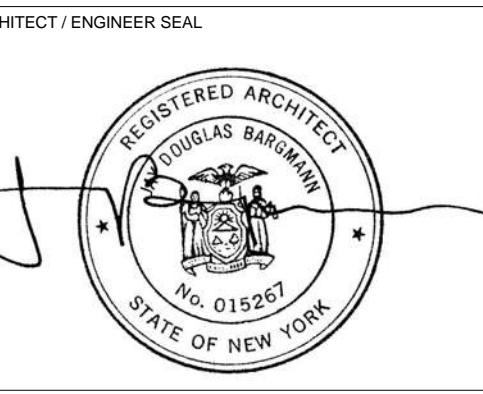
ARCHITECT
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SPECIFICATION CONSULTANT
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REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE

ARCHITECTS PROJECT NUMBER
664.100

DRAWING TITLE
ACCESSIBILITY GUIDELINES BUILDING

DRAWING NUMBER
A-077.00

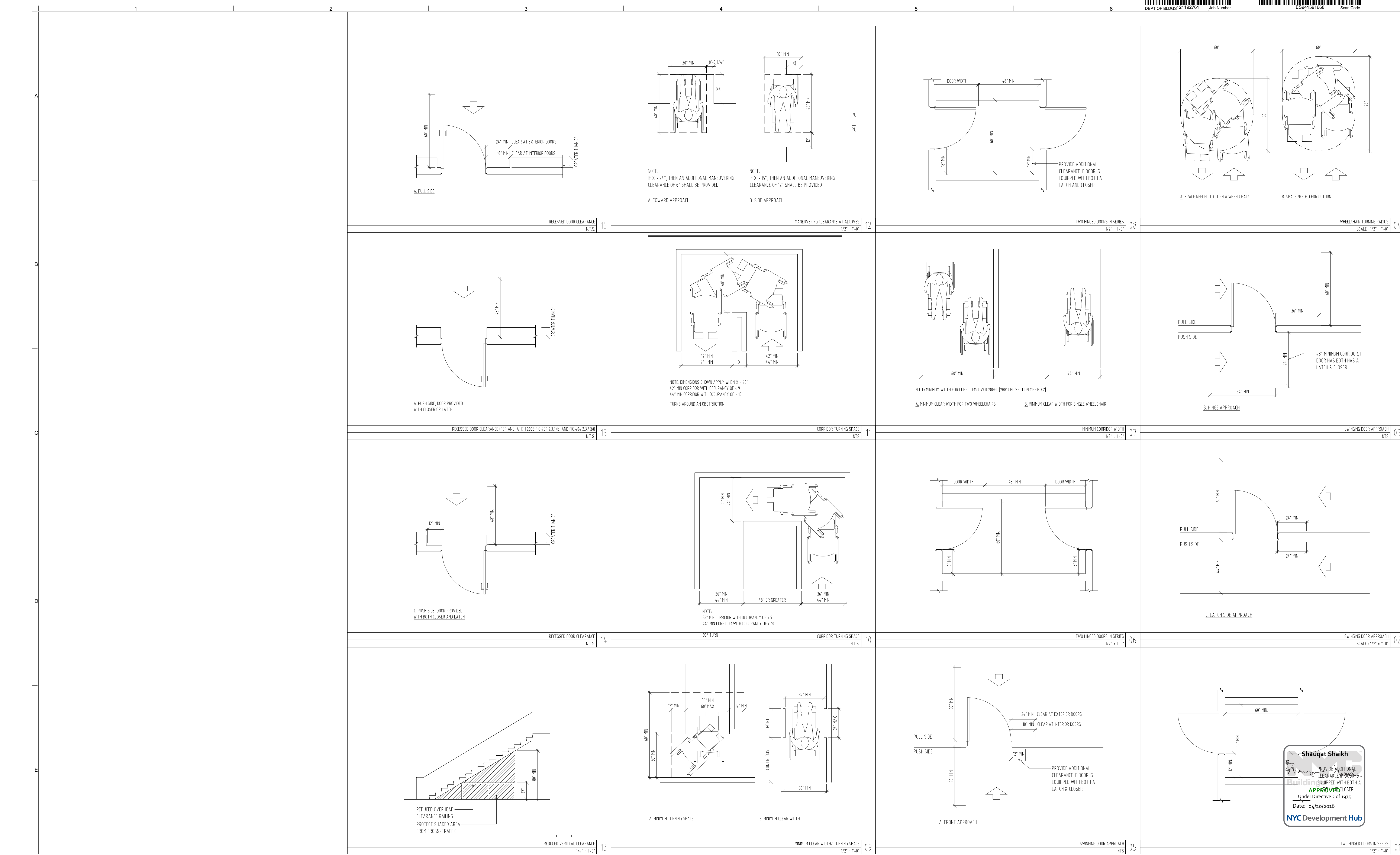
DRAWING SCALE

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DATE: 04/30/2016

APPROVED
Under Directive 2 of 8/9/15

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The Rockefeller University
 1901

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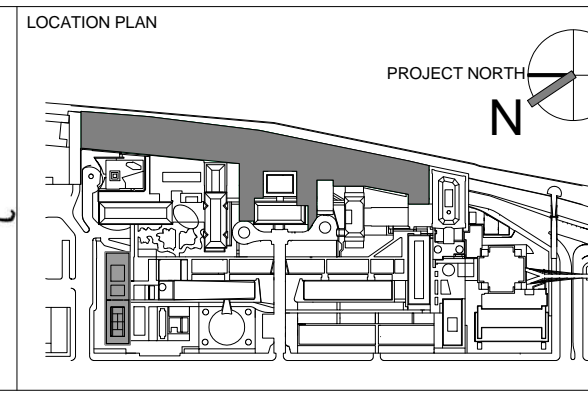
MEP / FP ENGINEER
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INTERIOR LIGHTING DESIGNER
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SPECIFICATION CONSULTANT
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REGISTERED ARCHITECT
 DONALD BAUMANN
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE

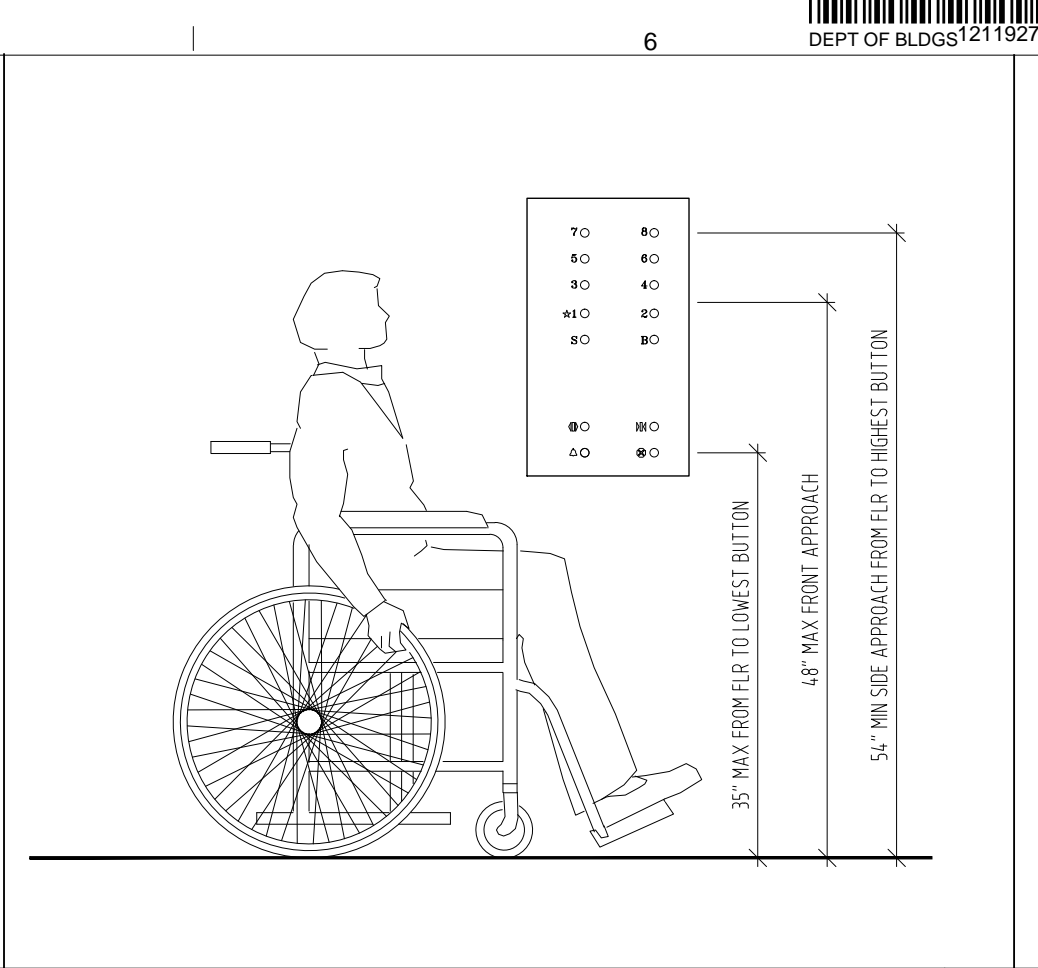
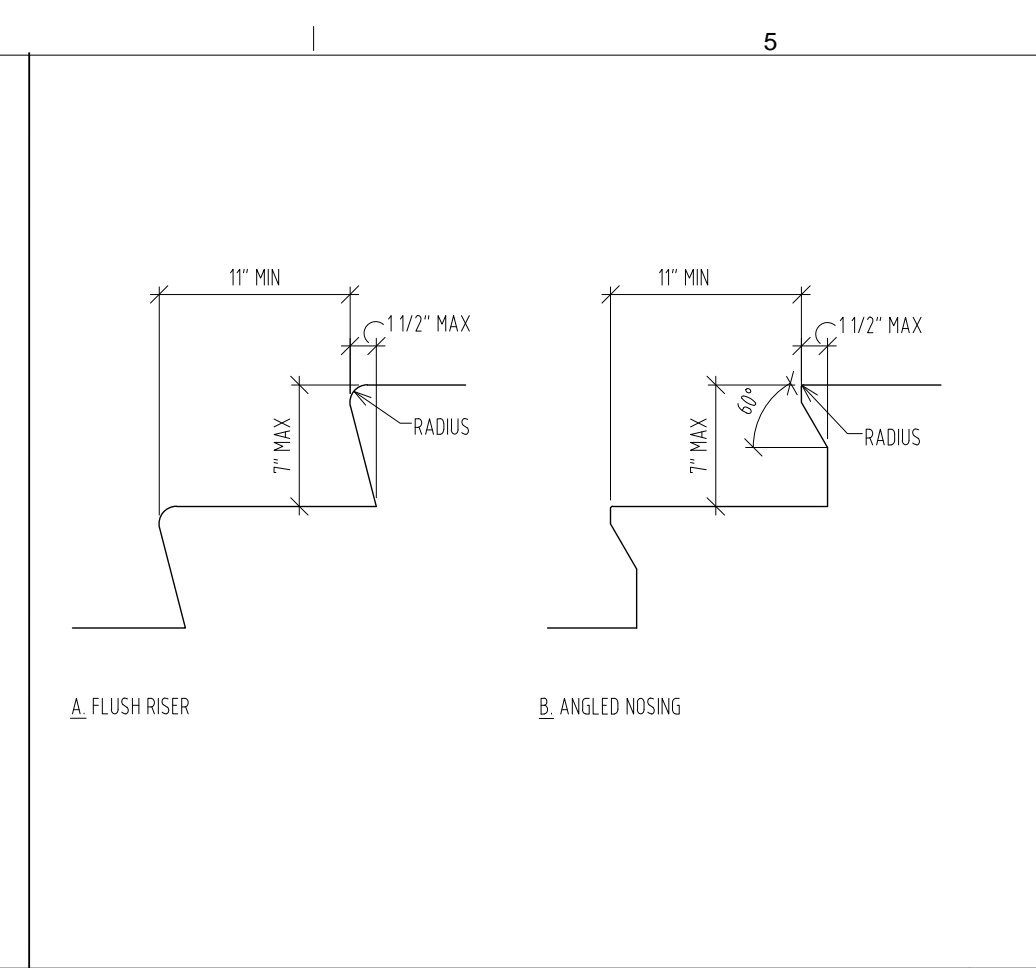
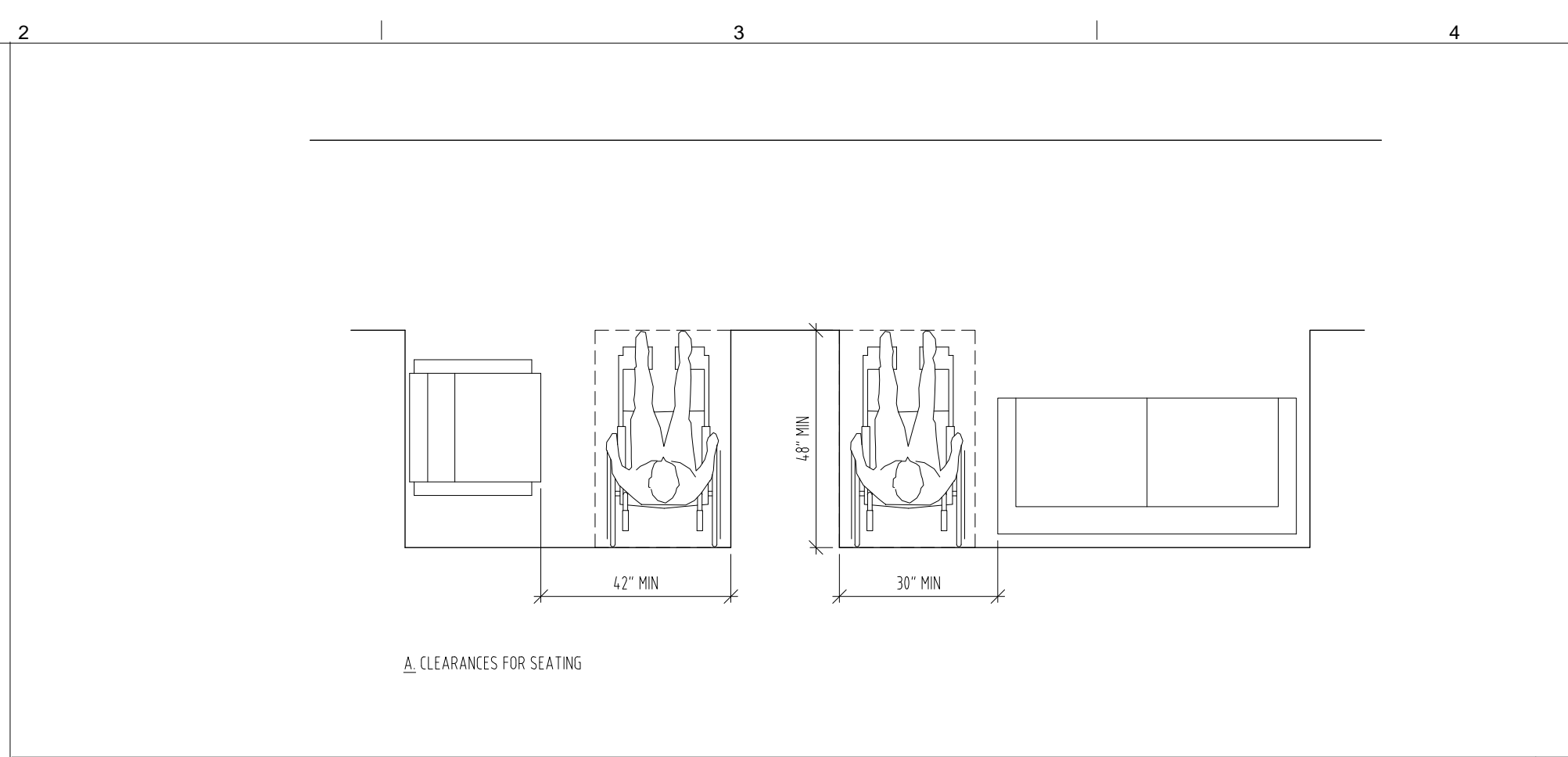
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DRAWING NUMBER
 A-078.00

Sheet 30 of 315

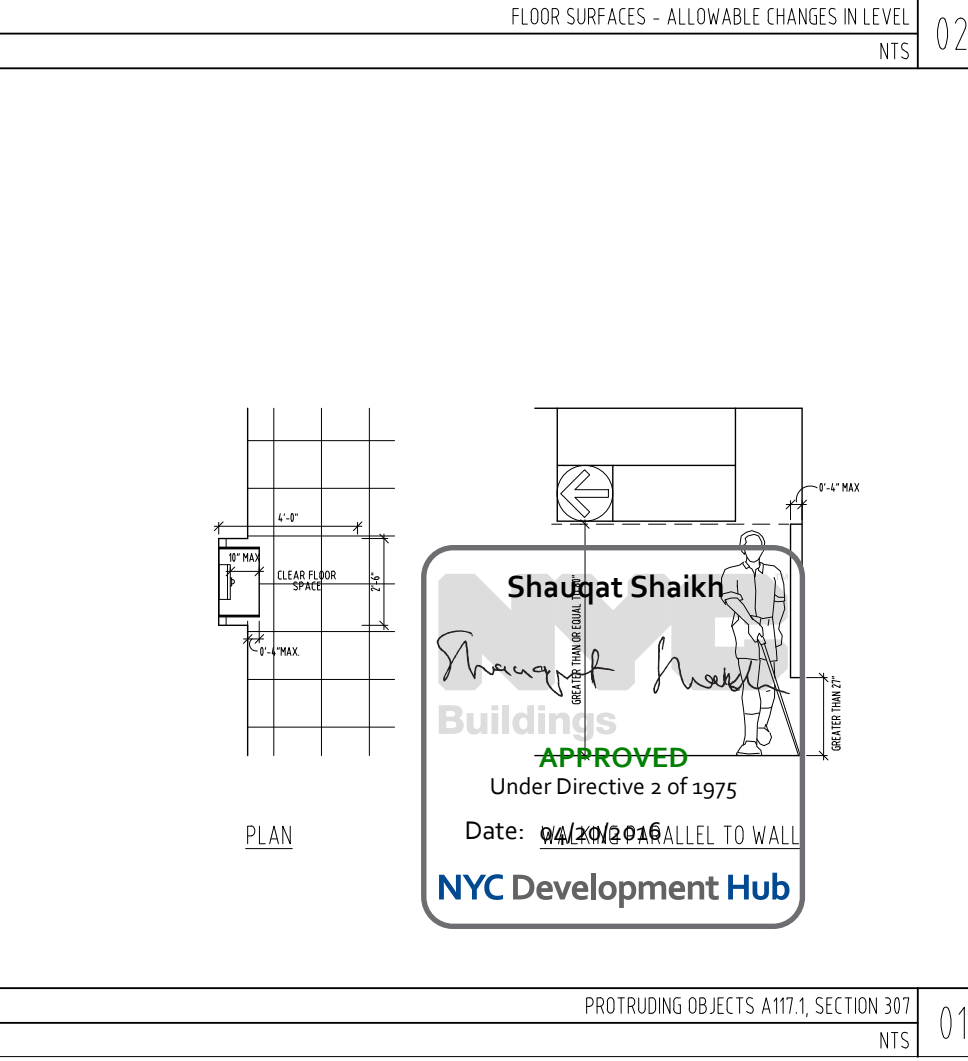
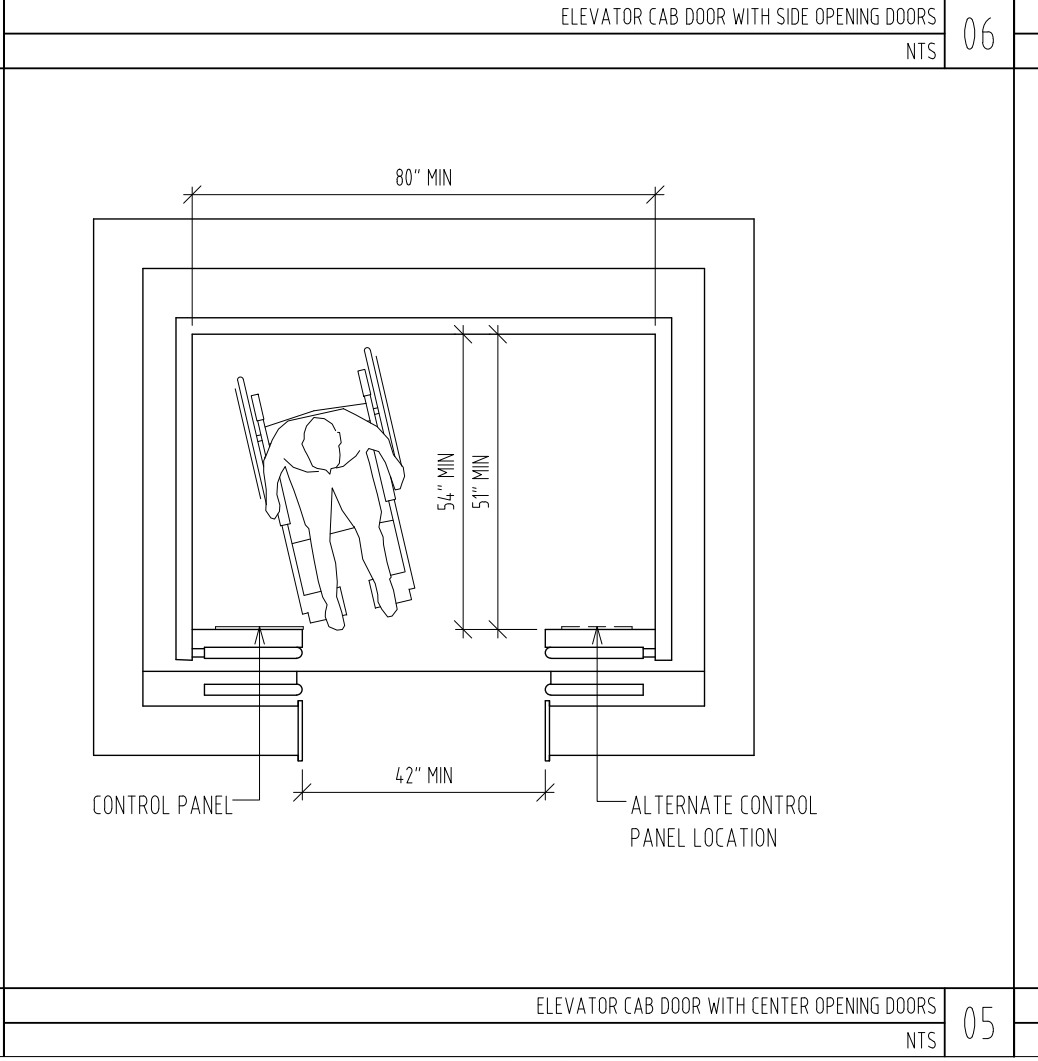
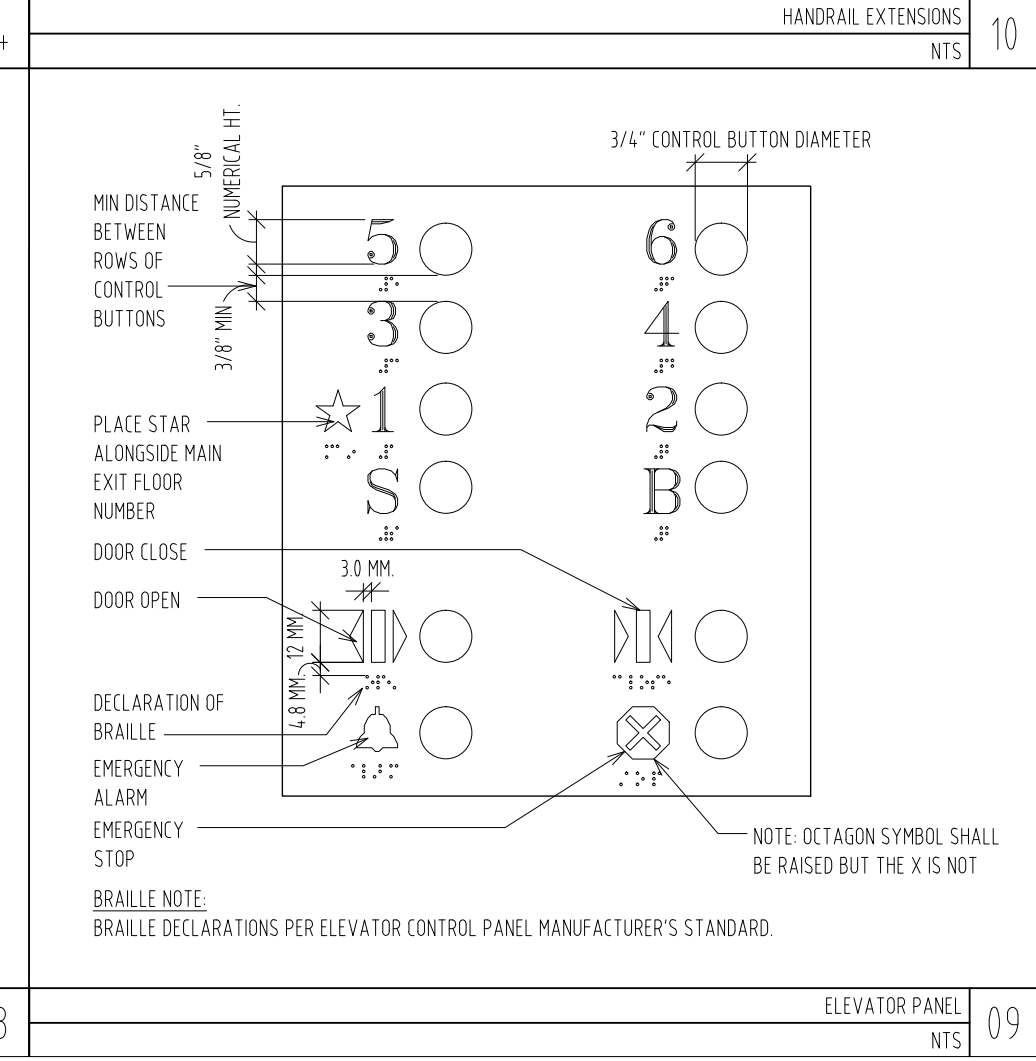
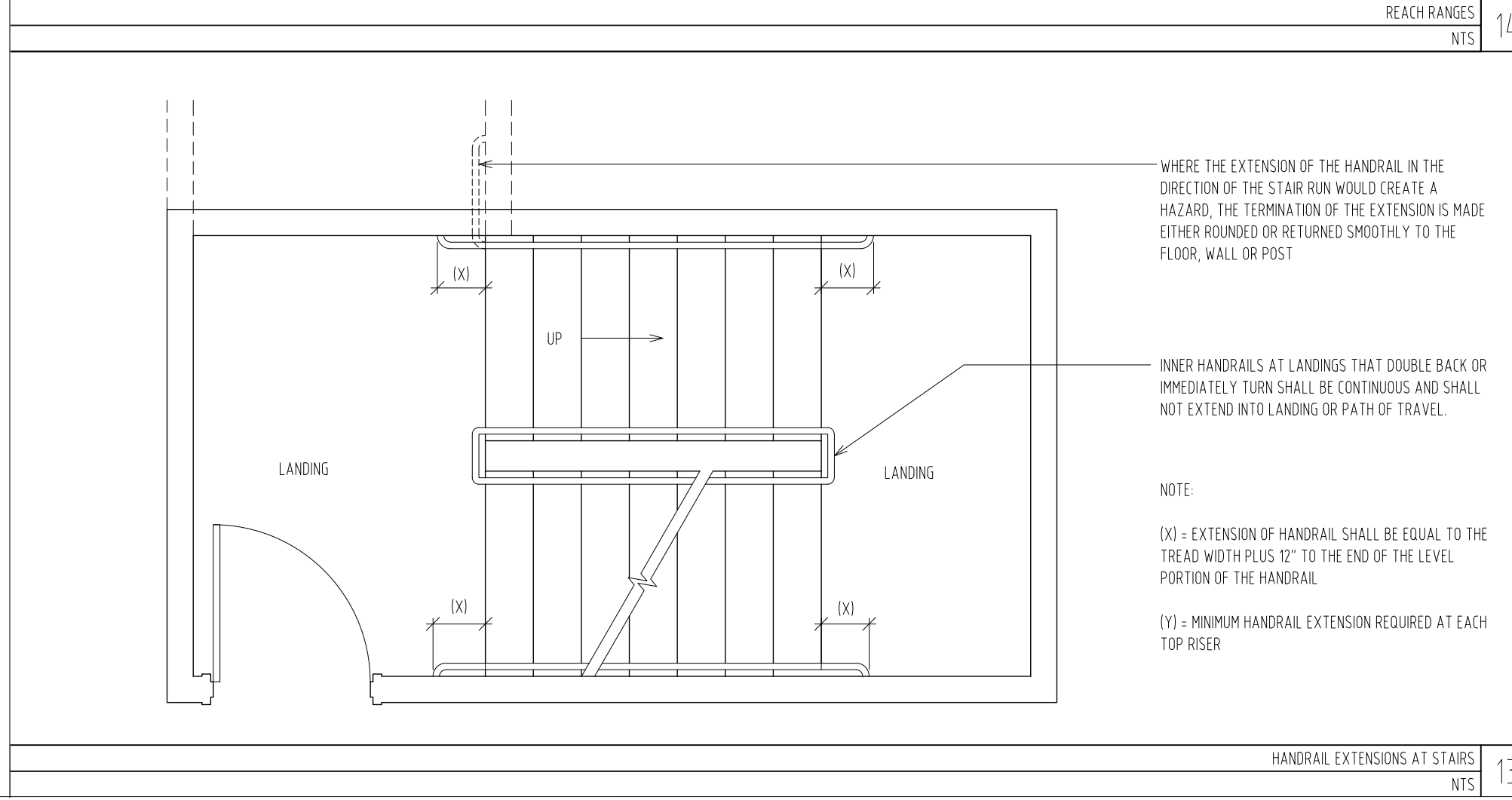
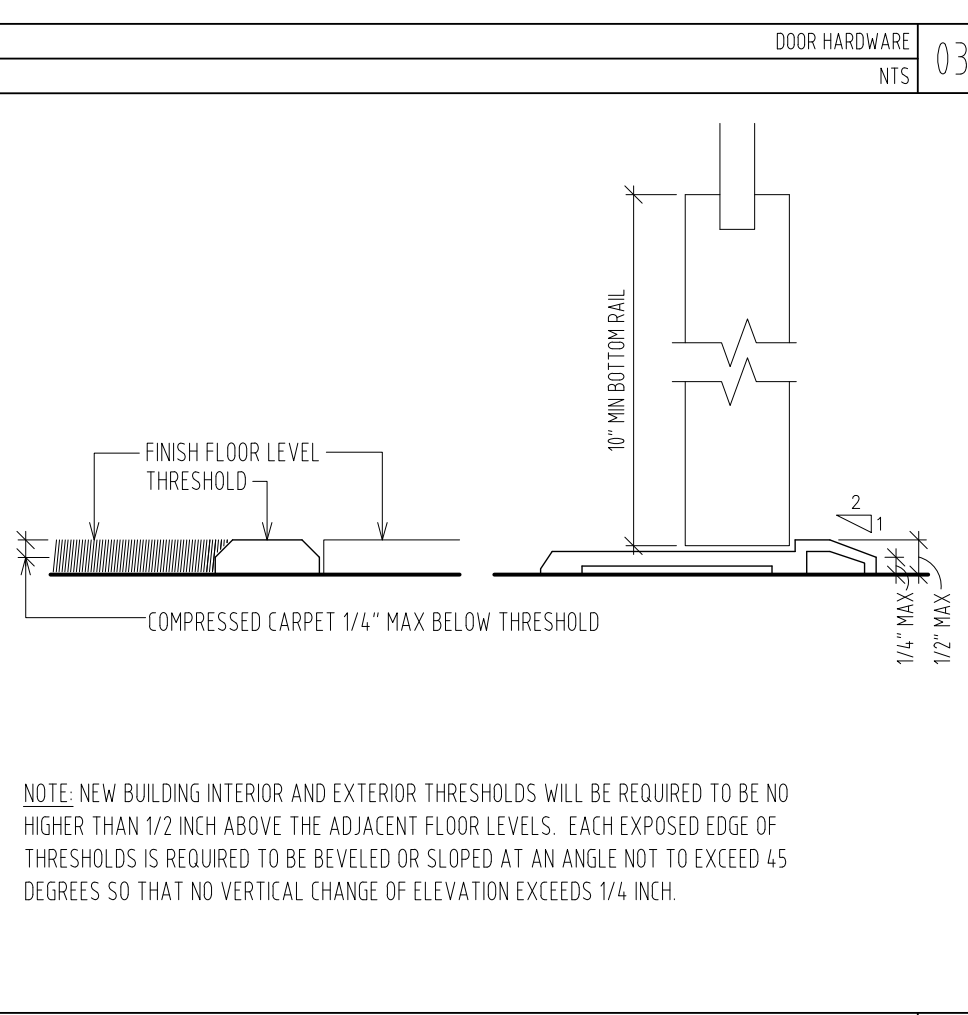
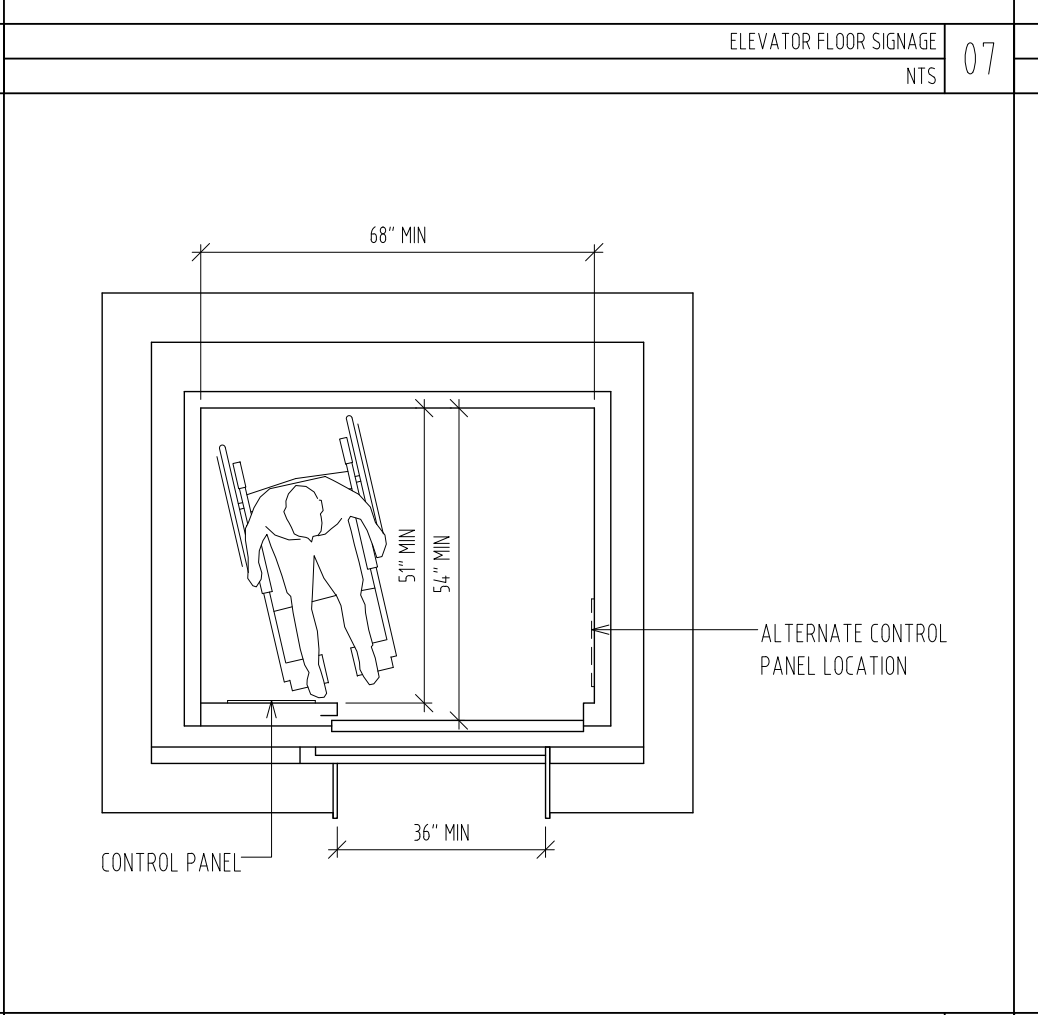
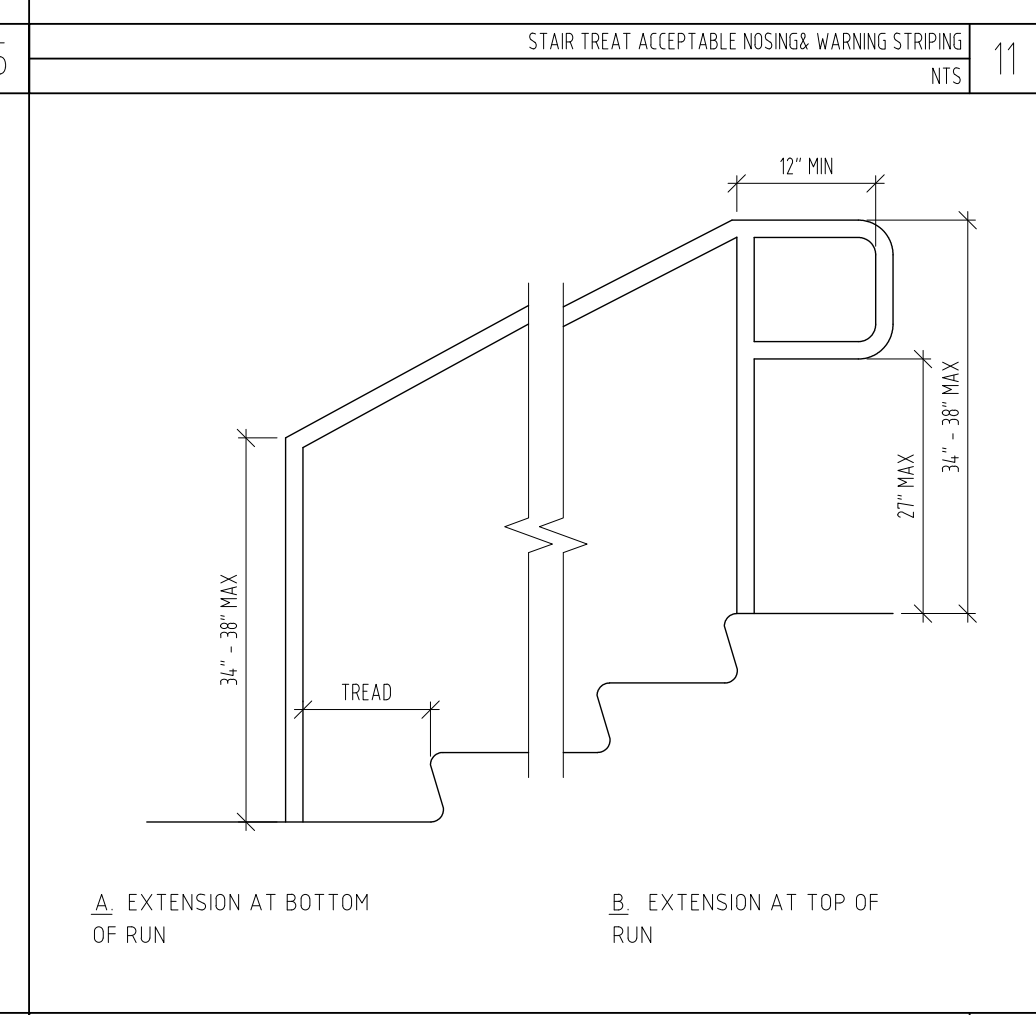
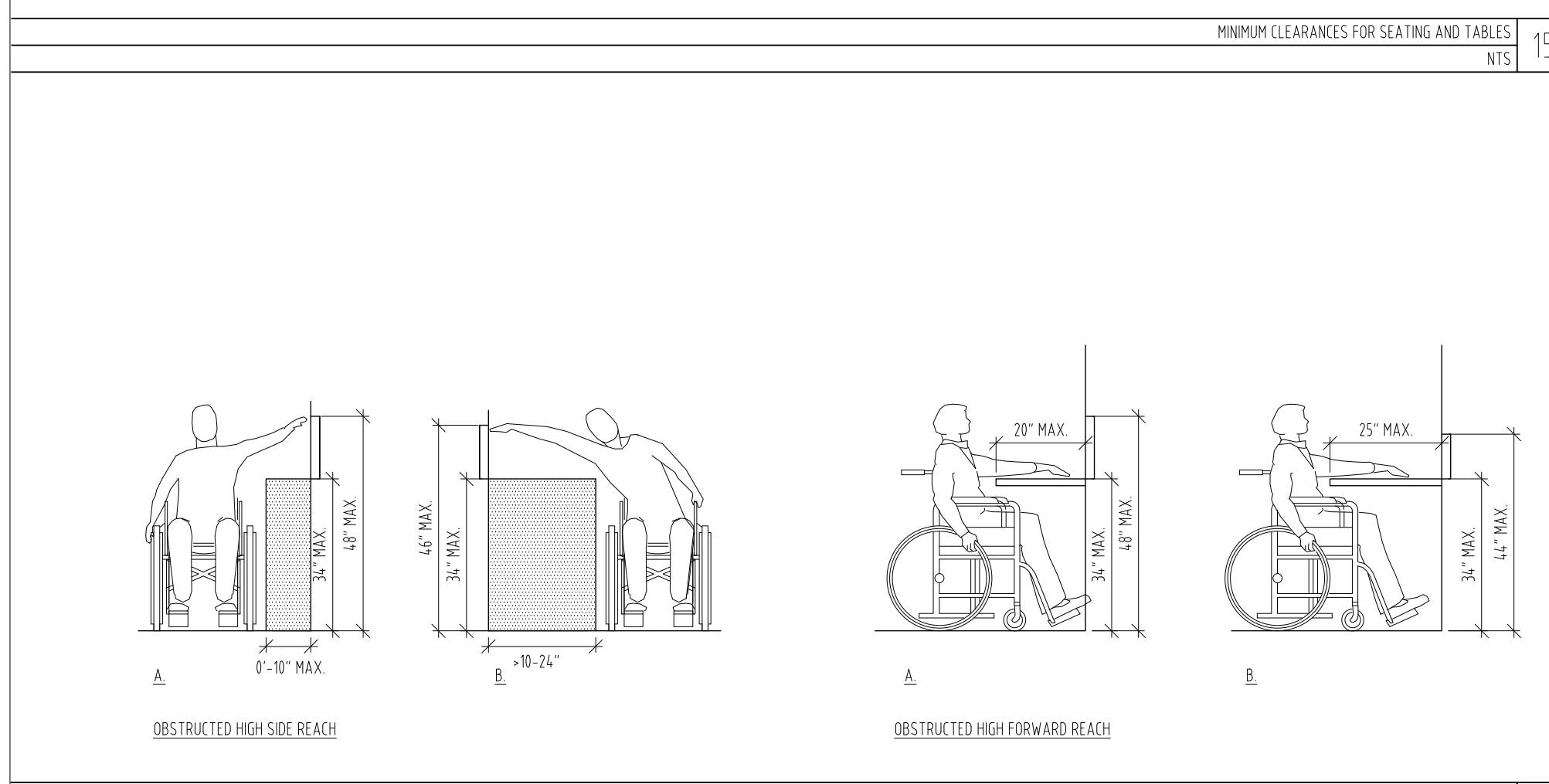
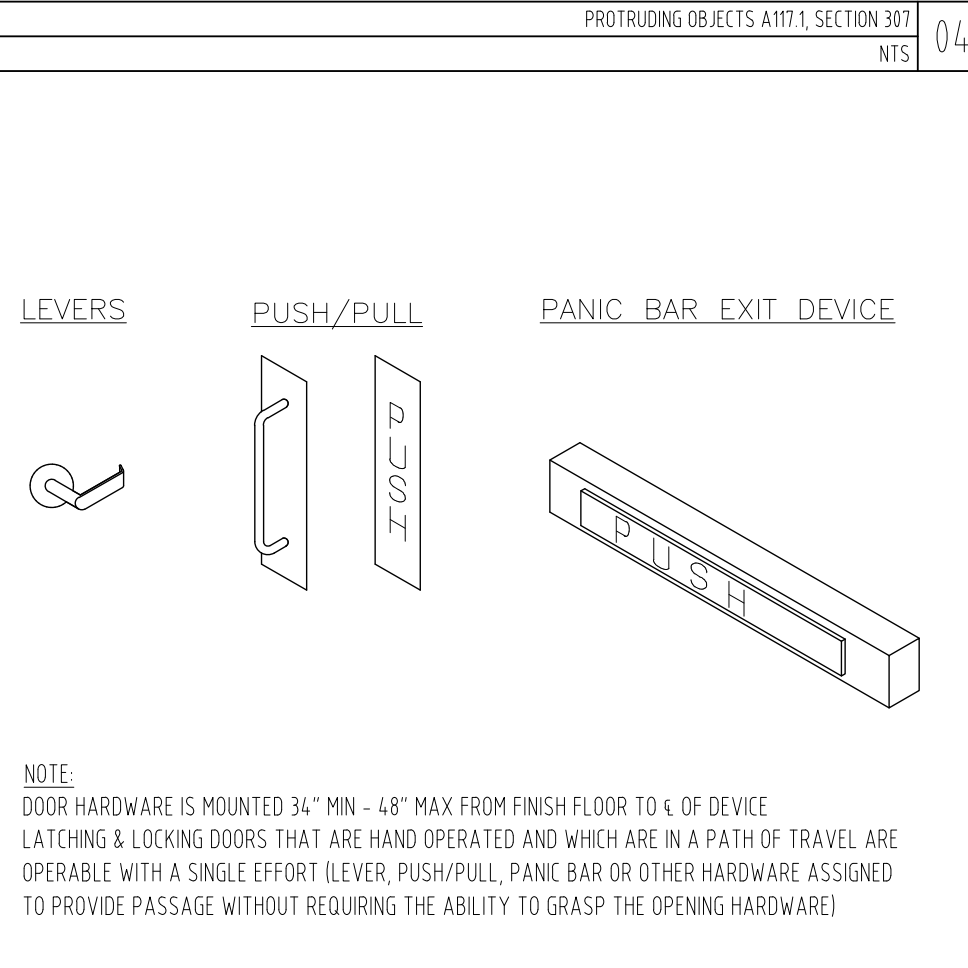
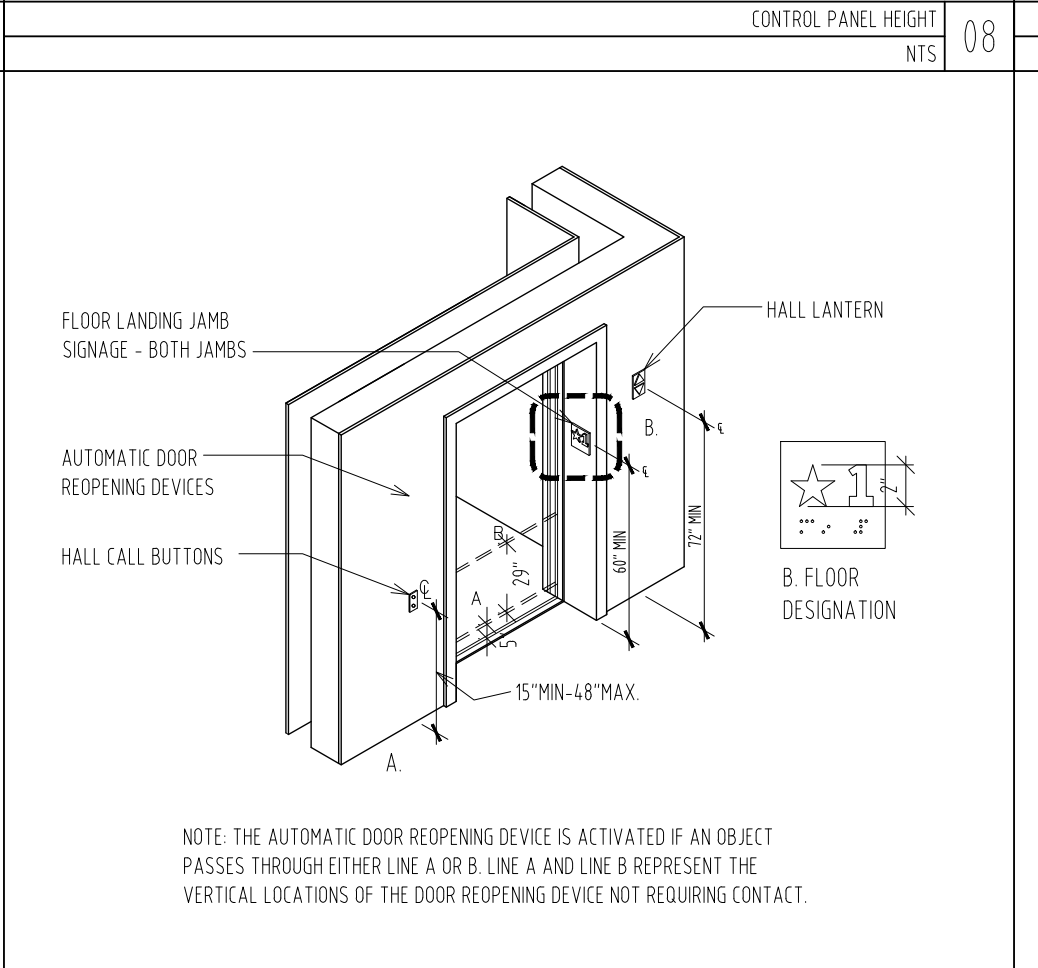
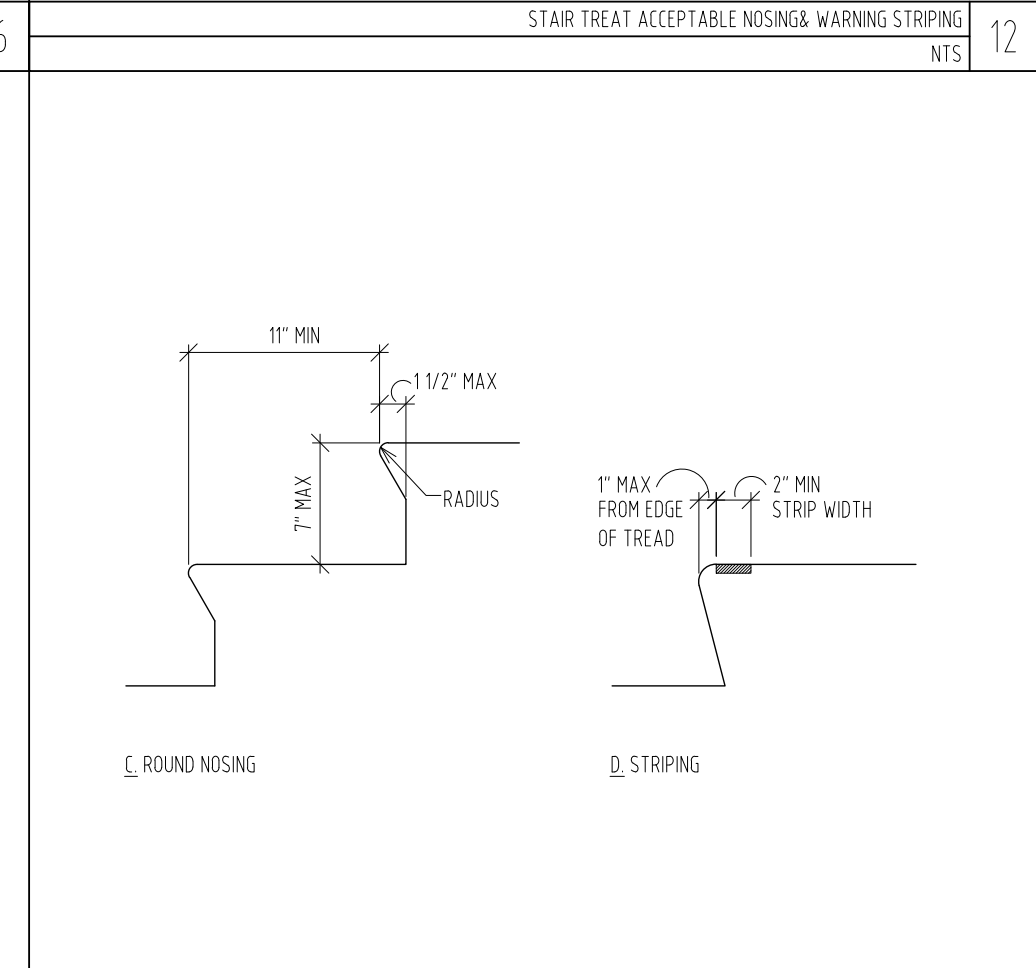
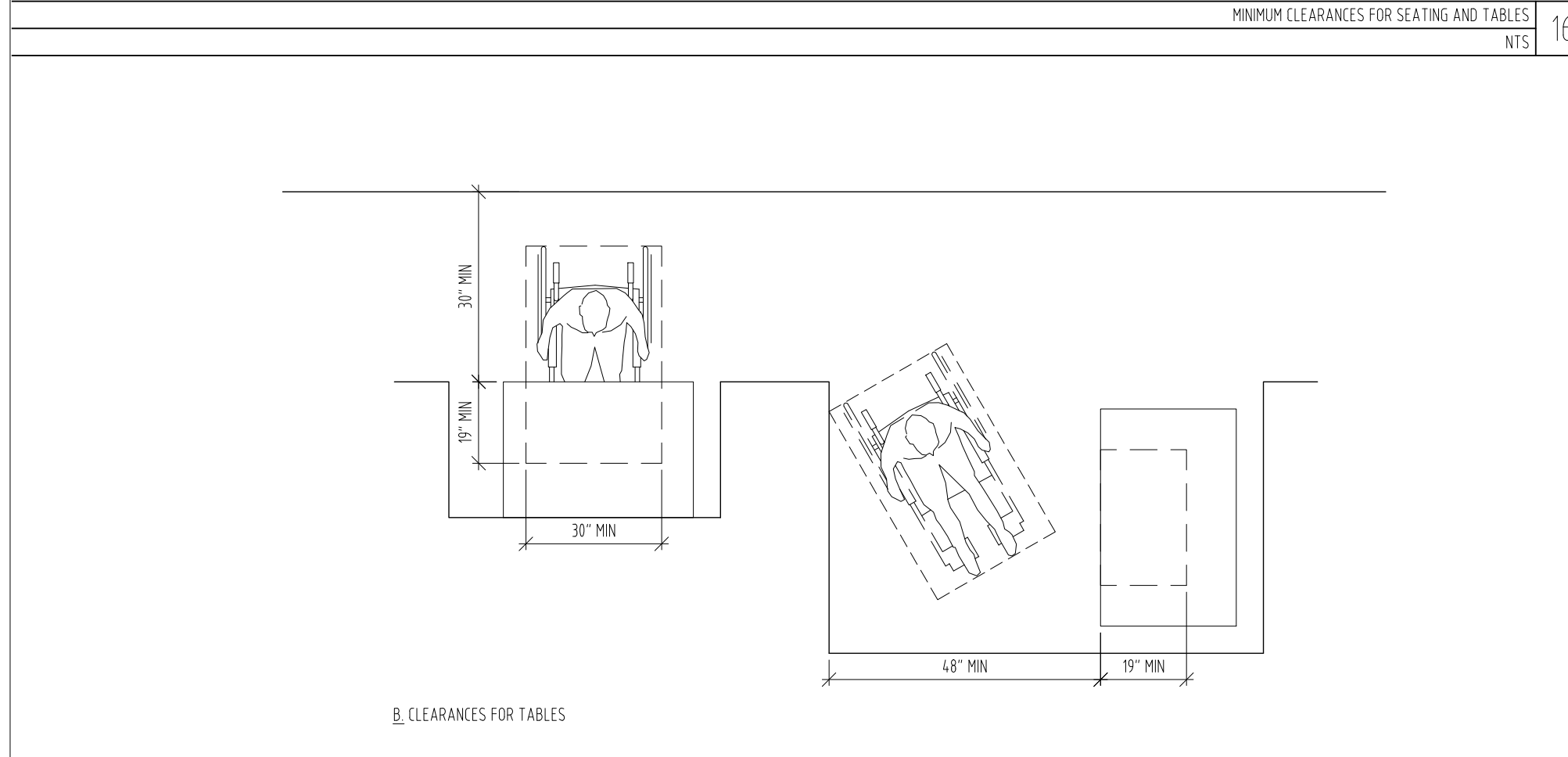
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 Date: 04/30/2016
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DELETED

PROTRUDING OBJECTS A117.1, SECTION 307
NTS 04



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>
<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>

ARCHITECT / ENGINEER SEAL

LOCATION PLAN

REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
ACCESSIBILITY GUIDELINES BUILDING

DRAWING NUMBER
A-079.00

DRAWING SIZE
24" x 36"

DRAWING SCALE

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DATE: 06/20/2016

APPROVED
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Sheet 31 of 315

PROJECT NAME THE ROCKEFELLER UNIVERSITY RIVER CAMPUS
ADDRESS 1228 YORK AVENUE, NEW YORK NY 10065
MAIN USE NON-PRODUCTION LABORATORIES
USE GROUP 2 COMMUNITY FACILITY, COLLEGES OR UNIVERSITIES, NON-PROFIT INSTITUTION
ZONING DISTRICT R-9, R-10
SPECIAL PURPOSE DISTRICT NO
BLOCK 1480 / 1475
LOT 9010 / 5

REQUIRED ACCESSORY OFF-STREET PARKING SPACES FOR PERMITTED NON-RESIDENTIAL USES
 (Z.R. 13-41) NONE REQUIRED 108 EXISTING 108 PROPOSED

REQUIRED OFF STREET LOADING BERTHS
 (Z.R. 25-72) NONE REQUIRED 6 EXISTING 6 PROPOSED

ENCLOSED BICYCLE PARKING SPACES
 (Z.R. 25-81) 1 PER 5,000 SQUARE FEET OF FLOOR AREA

	RIVER CAMPUS	HEALTH & WELLNESS
FLOOR AREA	143,829	14,874
SPACES REQUIRED	29	3
SPACES PROVIDED	32	

MINIMUM REQUIRED REAR YARD
 (Z.R. 24-36) 30 FEET
 LAB BUILDING ENCROACHES - WAIVER REQUIRED PER 74-682ZR

* SECTION 74-682 WAIVER GRANTED FOR REAR YARD SETBACK (Z.R. 24-552) FOR ROCKEFELLER RESEARCH BUILDING C880671ZSM

ZONING ROOMS BLOCK 1475 (NOT APPLICABLE TO BLOCK 1480)
 (Z.R. 23-223)

1,939	=	TOTAL ZONING ROOMS ON LOT 5
41,208 SF	=	LOT AREA
30 SF	=	LOT AREA REQUIRED PER ZONING ROOM
41,208 SF / 30 SF	=	1,374 ZONING ROOMS PERMITTED
1,939		
1,374		
565	=	EXCESS ZONING ROOMS

*EXCESS ZONING ROOMS ARE ALLOCATED TO BLOCK 1480, LOT 10 PER N 821257 ZAM. (AUTHORIZATION PURSUANT TO LARGE SCALE COMMUNITY FACILITY DEVELOPMENT PROVISIONS TO DISTRIBUTE ZONING ROOMS WITHOUT REGARD TO LOT LINES).

MEAN CURB ELEVATION, BLOCK 1480

YORK AVENUE (29.1 + 18.25) / 2 = 23.67
 E. 63RD SREET (18.25 + 9.425) / 2 = 13.86
 37.53 / 2 = 18.76 FT

MEAN CURB ELEVATION, BLOCK 1475

YORK AVENUE (17.235 + 11) / 2 = 14.1625
 E. 62ND SREET (11 + 5.85) / 2 = 8.4250
 FDR DRIVE (5.85 + 12.1) / 2 = 8.9750
 (21.1 + 17.325) / 2 = 14.7125
 46.2750 / 4 = 11.57 FT

NEW BLOCK CONSTRUCTION 1480

	GROSS	MECHANICAL	ZFA
RIVER BUILDING			
3 FLOOR	20,778	390	20,388
2 FLOOR	59,784	1,494	58,290
1 FLOOR	70,692	10,134	60,558
LEVEL C + D	0	0	0
SUBTOTAL	151,254	12,018	139,236

INTERACTIVE CONFERENCE CENTER			
1 FLOOR	4,684	91	4,593
SUBTOTAL	4,684	91	4,593

RIVER CAMPUS SUBTOTAL 155,938 12,109 143,829

HEALTH AND WELLNESS CENTER			
1 FLOOR	14,874	0	14,874
LEVEL A	1,190	1,190	0
CONVERED PARKING	4,434	0	0
SUBTOTAL	20,498	1,190	14,874

TOTAL 176,498 13,299 158,703

TOTAL FLOOR AREA AND FLOOR AREA RATIO BY USE

	BLOCK 1480 LOT 9010	BLOCK 1475 LOT 5	COMBINED
LOT AREA*	563,901	41,208	605,109

EXISTING FLOOR AREA

FLOOR AREA - COMMUNITY FACILITY	1,250,350	0	1,250,350
FLOOR AREA - RESIDENTIAL	0	602,703	602,703
TOTAL	1,250,350	602,703	1,853,053
TOTAL FAR	2.05	14.63*	3.06

EXISTING PROPOSED FLOOR AREA

EXISTING COMMUNITY FACILITY	1,250,350	0	1,250,350
EXISTING RESIDENTIAL FACILITY	0	602,703	602,703
PROPOSED COMMUNITY FACILITY	158,703	0	158,703
TOTAL	1,409,035	602,703	2,011,738
TOTAL FAR	2.50	14.63*	3.32

PERMITTED FLOOR AREA (563,901 x 10) (41,208 x 10) (605,109 x 10)

TOTAL	5,639,010	412,080	6,051,090
TOTAL FAR	10	10	10

*PERMITTED BY CPC AUTHORIZATION PURSUANT TO SECTION Z.R.79-21. M821257 (A) ZAM

FLOOR AREA CALCULATIONS, BLOCK 1480 AND BLOCK 1475*
 (Z.R. 23-15 24-11)

	BLOCK 1480, LOT 9010	BLOCK 1475, LOT 5	COMBINED
LOT AREA**	563,901	41,208	605,109
PERMITTED FAR	10	10	10
PERMITTED FLOOR AREA	5,639,010	412,080	6,051,090
EXISTING FLOOR AREA	1,250,350	602,703	1,853,053
EXISTING FAR	2.22	14.63	3.06
PROPOSED FLOOR AREA	158,703	0	158,703
EXISTING AND PROPOSED FLOOR AREA	1,409,035	602,703	2,011,736
EXISTING AND PROPOSED FAR	2.50	14.63	3.32
REMAINING FLOOR AREA	4,229,957	-190,623***	4,039,334

** LOT AREA DOES NOT INCLUDE AIR RIGHTS OVER FDR DRIVE
 ***PERMITTED BY CPC AUTHORIZATION

PARKING CALCULATIONS, BLOCK 1480

	BLOCK 1480, LOT 9010	BLOCK 1475, LOT 5	COMBINED
REQUIRED PARKING	0	0	0
EXISTING PARKING	108	0	108
PROPOSED PARKING	108	0	108

LOT COVERAGE
 (Z.R. 24-11)

BLOCK 1480 LOT 9010	563,901
BLOCK 1475 LOT 5	41,208
DEMAPPED AREA OVER STREETS	219,922
TOTAL LOT AREA*	825,031
PERMITTED LOT COVERAGE %	65.00%
PERMITTED LOT COVERAGE	536,270
EXISTING LOT COVERAGE	252,722
EXISTING LOT COVERAGE %	30.63%
NEW CONSTRUCTION LOT COVERAGE	93,989
EXISTING AND PROPOSED LOT COVERAGE	346,711
EXISTING AND PROPOSED LOT COVERAGE	42.03%

*INCLUDING DEMAPPED AREA OVER STREETS

EXISTING BUILDING BLOCK 1480 FLOOR AREA AND LOT COVERAGE CALCULATIONS

BUILDING	GROSS	MECHANICAL	NETZFA	LOT COVERAGE
1. FOUNDER'S HALL	55,952	2,573	53,379	8,420
2. NURSES RESIDENCE	22,146	1,215	20,931	4,549
3. HOSPITAL (incl. ADDITION)	123,930	11,224	112,706	14,781
4. POWER HOUSE	32,735	12,748	19,987	5,238
5. FLEXNER HALL (incl. EXTENSION)	101,054	18,651	82,403	13,857
6. WELCH HALL (incl. ADDITION)	41,224	3,081	38,143	7,720
7. SMITH HALL ANNEX	38,572	735	37,837	13,869
8. SMITH HALL	105,292	12,692	92,600	12,146
9. ABBY ALDRICH / CASPARY HALL	34,862	3,506	31,356	12,367
10. CASPARY AUDITORIUM	14,280	2,601	11,679	7,614
11. PRESIDENT'S HOUSE	10,658	1,071	9,587	6,678
12. GRADUATE STUDENTS RESIDENCE	53,585	3,671	49,914	12,182
13. BRONK LABORATORY	102,939	8,409	94,530	10,858
14. SOPHIE FRICKE HALL	32,771	1,975	30,796	6,457
15. GASSER HALL	7,599	411	7,188	3,869
16. WEISS RESEARCH BUILDING	246,634	28,709	217,925	13,961
17. PLAZA BUILDING	9,912	264	9,648	0
18. COVERED PARKING ("ESPLANADE")	13,104	0	0***	0
19. COMPARATIVE BIOSCIENCE CENTER (LARC incl. ANNEX)	121,899	15,482	106,417	26,664
20. ROCKEFELLER RESEARCH BUILDING	182,068	24,359	157,709	16,435
21. CRC GREENBERG BUILDING	64,744	1,329	63,415	7,369
22. ENCLOSED WAKLKWAYS	2,200	0	2,200	2,200
SUBTOTAL	1,418,160	154,706	1,250,350	207,234

PROPOSED NEW CONSTRUCTION BLOCK 1480 FLOOR AREA CALCULATIONS

22. NEW LABORATORY BUILDING	151,254	12,018	139,236	75,762
23. INTERACTIVE CONFERENCE CENTER	4,684	91	4,593	3,353
24. HEALTH & WELLNESS CENTER	20,498	1,190	14,874	14,874
25. COVERED PARKING ("ESPLANADE")	-13,104	0	0	0
SUBTOTAL	163,332	13,299	158,703	93,989
TOTAL EXISTING AND PROPOSED	1,581,492	168,005	1,409,053	301,223

EXISTING BUILDING BLOCK 1475 FLOOR AREA CALCULATIONS

BUILDING	GROSS	MECHANICAL	ZFA	LOT COVERAGE
24. FACULTY HOUSE	299,494	4,536	294,958	31,461
25. SCHOLARS RESIDENCE	321,560	13,815	307,745	14,027
TOTAL	621,054	18,351	602,703	45,488

* BASED ON 2006 APPROVED CALCULATIONS

*** FLOOR LESS THAN 23' ABOVE MEAN CURB ELEVATION NOT COUNTED AS FLOOR AREA

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 Buildings
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 Under Directive 2 of 1975
 Date: 04/30/2016
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<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.	ARCHITECT / ENGINEER SEAL 	LOCATION PLAN 	REV DESCRIPTION DATE ARCHITECTS PROJECT NUMBER DRAWING TITLE 2 DESIGN DEVELOPMENT 27-FEB-15 664.100 ZONING COMPUTATIONS 3 DOB SUBMISSION 12-MAR-15 4 DOB SUBMISSION 31-JULY-15 5 E&F ADDENDUM 31-JULY-15 6 DOB SUBMISSION 20-AUG-15 7 DOB SUBMISSION - RB 01-OCT-15 8 PROGRESS SET 30-OCT-15 9 DOB SUBMISSION - RB 16-DEC-15	DRAWING NUMBER Z-001.00 SHEET 32 OF 315 © 2015 RAFAEL VINOLY ARCHITECTS PC
	CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 589 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790	SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248	ARCHITECTS PROJECT NUMBER DRAWING SCALE NOT TO SCALE PROJECT PHASE CONSTRUCTION DOCUMENTS			

FLOOD ZONING NOTES:

64-131 MEASUREMENT OF HEIGHT

ALL MEASUREMENTS OF HEIGHT ABOVE #CURB LEVEL#, #BASE PLANE#, #BASE FLOOD ELEVATION#, GRADE, OR OTHER SIMILAR GROUND RELATED DATUM, SHALL BE FROM THE #FLOOD-RESISTANT CONSTRUCTION ELEVATION#.

MEAN CURB LEVEL IS ESTABLISHED FOR THIS PROJECT UNDER THE MODIFICATION OF THE PREVIOUSLY-APPROVED LARGE SCALE COMMUNITY FACILITY DEVELOPMENT PLAN, AMENDED UNDER N 140159 CMM (SEE Z-001.00), PLAN PAGE A-308.00 INDICATES THE LOCATION OF THE PROPOSED BUILDING ABOVE THE FLOOD RESISTANT CONSTRUCTION ELEVATION.

64-21 GROUND FLOOR USE

(A) IN ALL DISTRICTS, WHERE COMPLIANCE WITH THE ELEVATION AND WET FLOOD-PROOFING REQUIREMENTS OF APPENDIX G OF THE NEW YORK CITY BUILDING CODE WOULD RESULT IN A #LOWEST OCCUPIABLE FLOOR# THAT IS ABOVE A LEVEL REQUIRED BY THE ZONING RESOLUTION WITHOUT THE RELIEF PROVIDED BY THIS SECTION, SUCH REQUIREMENTS SHALL BE MODIFIED SO THAT THE LEVEL OF SUCH GROUND FLOOR SHALL BE THE LOWEST LEVEL PERMITTED FOR #USES# OTHER THAN PARKING, STORAGE AND BUILDING ACCESS AS IF IT WERE "POST-FIRM CONSTRUCTION," AS DEFINED BY APPENDIX G OF THE BUILDING CODE, USING ELEVATION AND WET FLOOD-PROOFING TECHNIQUES.

THE LOWEST OCCUPIABLE FLOOR REQUIRES NO RELIEF PROVIDED BY THIS SECTION.

64-312 ENTRYWAYS IN ALL OTHER BUILDINGS

FOR ALL #BUILDINGS# OTHER THAN #SINGLE-# AND #TWO-FAMILY RESIDENCES#, WITH ENCLOSED PUBLICLY ACCESSIBLE ENTRYWAYS BELOW #FLOOD-RESISTANT CONSTRUCTION ELEVATION#, UP TO 100 SQUARE FEET OF SUCH ENTRYWAYS MAY BE EXCLUDED FROM THE DEFINITION OF #FLOOR AREA# FOR EACH FOOT OF DIFFERENCE BETWEEN THE #LOWEST OCCUPIABLE FLOOR# AND #CURB LEVEL#. THIS AREA MAY BE EXCLUDED FROM THE DEFINITION OF #FLOOR AREA# PROVIDED IT IS NOT GREATER THAN THE TOTAL AREA AT EACH PUBLICLY ACCESSIBLE ENTRYWAY OF RAMPS, STAIRS, LIFTS AND ELEVATORS PLUS AN INITIAL ENTRY AREA OF NO MORE THAN 100 SQUARE FEET FOR EACH ENTRYWAY.

THE PROPOSED BUILDING HAS NO PUBLICLY ACCESSIBLE ENTRYWAYS BELOW THE FLOOD-RESISTANT CONSTRUCTION ELEVATION.

64-321 LEVEL OF REQUIRED YARDS / 64-322 PERMITTED OBSTRUCTIONS IN REQUIRED YARDS, COURTS AND OPEN SPACE

UNDER THIS PROJECT, YARDS ARE PROVIDED WITH RELIEF FROM ZONING REQUIREMENTS PURSUANT TO DCP APPROVAL C880671ZSM. SEE PLAN Z-001.00.

64-335 ALTERNATIVE HEIGHT MEASUREMENT FOR OTHER BUILDINGS IN RESIDENCE DISTRICTS R1 R2 R3 R4 R5 R6 R7 R8 R9 R10

IN THE DISTRICTS INDICATED, AS AN ALTERNATIVE TO SECTION 64-131 (MEASUREMENT OF HEIGHT), FOR ALL #BUILDINGS# OTHER THAN #SINGLE-# AND #TWO-FAMILY RESIDENCES#, WHERE #FLOOD-RESISTANT CONSTRUCTION ELEVATION# IS BETWEEN FIVE AND 10 FEET ABOVE #CURB LEVEL#, #BUILDING# HEIGHT MAY BE MEASURED FROM A REFERENCE PLANE 10 FEET ABOVE #CURB LEVEL#, AND ANY MINIMUM BASE HEIGHT REQUIREMENTS MAY BE MEASURED FROM #CURB LEVEL#. WHERE THE PROVISIONS OF THIS SECTION ARE UTILIZED, THE STANDARDS OF SECTION 64-622 (LOBBY OR NON-RESIDENTIAL USE) SHALL BE MET.

THIS ALTERNATIVE IS NOT REQUIRED WITH REGARD TO A COMMUNITY FACILITY BUILDING. ALSO, MEAN CURB LEVEL IS ESTABLISHED FOR THIS PROJECT UNDER THE MODIFICATION OF THE PREVIOUSLY-APPROVED LARGE SCALE COMMUNITY FACILITY DEVELOPMENT PLAN UNDER N 140159 CMM (SEE Z-001.00).

64-50 SPECIAL PARKING REGULATIONS

NO PARKING IS PROPOSED OR REQUIRED UNDER THIS APPLICATION.

64-62 DESIGN REQUIREMENTS FOR OTHER BUILDINGS IN RESIDENCE DISTRICTS R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 IN THE DISTRICTS INDICATED, FOR ALL #BUILDINGS#, EXCEPT #SINGLE-# AND #TWO-FAMILY RESIDENCES#, WHERE #STREET WALLS# ARE WITHIN 50 FEET OF THE #STREET LINE#, THE PROVISIONS OF THIS SECTION, INCLUSIVE, SHALL APPLY.

64-621 PLANTING REQUIREMENT

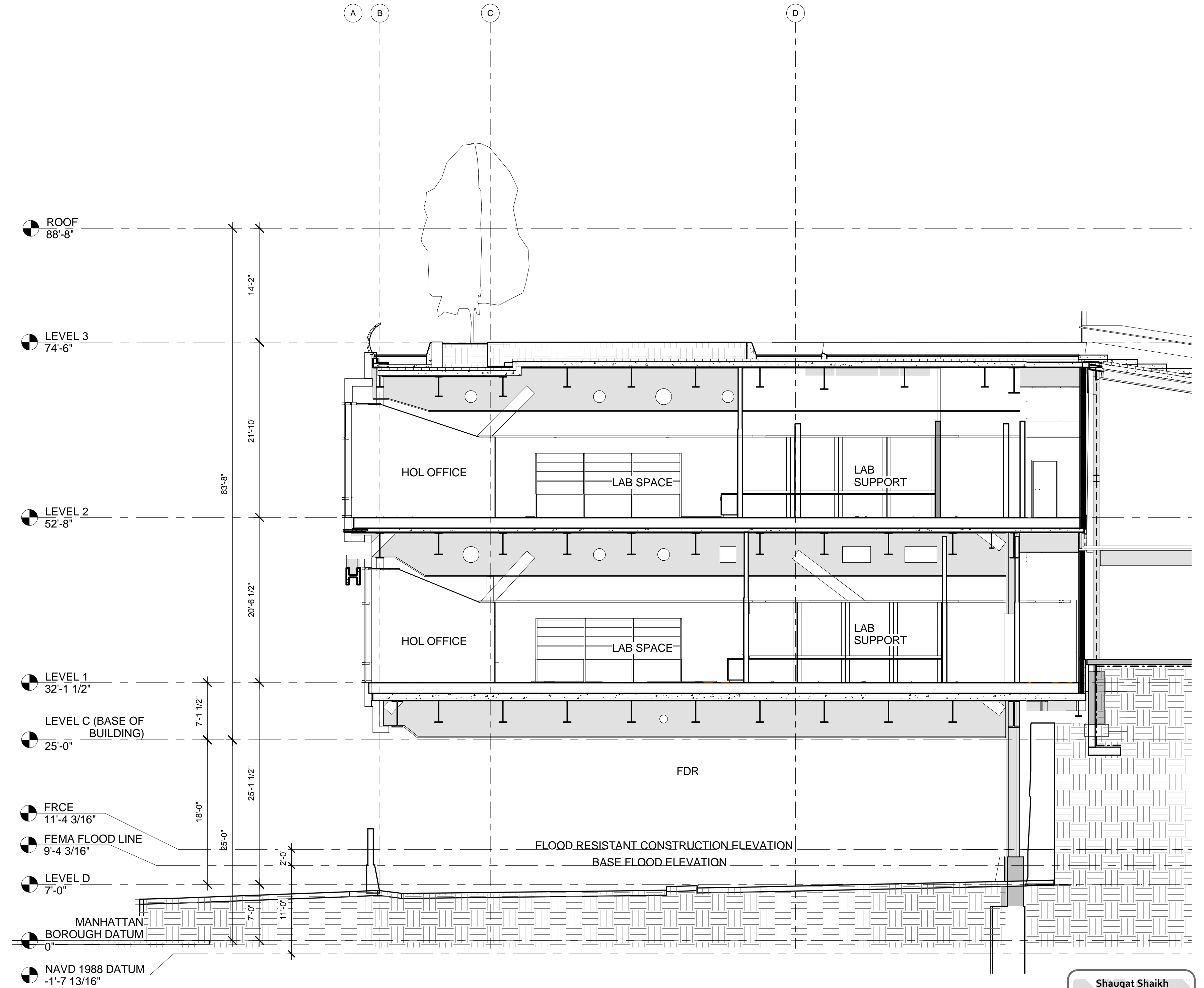
WHERE THE LEVEL OF THE #LOWEST OCCUPIABLE FLOOR# IS FIVE OR MORE FEET ABOVE #CURB LEVEL#, THE AREA BETWEEN THE #STREET LINE# AND ALL #STREET WALLS# OF THE #BUILDING# SHALL BE PLANTED AT GROUND LEVEL, OR IN RAISED PLANTING BEDS THAT ARE PERMANENTLY AFFIXED TO THE GROUND. SUCH PLANTING SHALL CONSIST OF TREES OR SHRUBS WITHIN SIX FEET OF THE #STREET WALL# THAT ATTAIN A HEIGHT OF AT LEAST THREE FEET. SUCH PLANTING SHALL NOT BE REQUIRED AT THE ENTRANCES TO AND EXITS FROM THE #BUILDING#, WITHIN DRIVEWAYS ACCESSING OFF-STREET PARKING SPACES LOCATED WITHIN, TO THE SIDE, OR REAR OF SUCH #BUILDING#, OR BETWEEN #COMMERCIAL USES# AND THE #STREET LINE#. ANY SUCH PLANTED AREA SHALL HAVE A DEPTH OF AT LEAST THREE FEET. WHERE RAMPS OR STAIRS ARE LOCATED PARALLEL TO A #STREET WALL# AND WITHIN SIX FEET OF SUCH #STREET WALL#, MINIMUM PLANTING BEDS SHALL BE PROVIDED BETWEEN SUCH RAMPS OR STAIRS AND THE #STREET LINE#, HOWEVER, WHERE #STREET WALL# LOCATION RULES WOULD REQUIRE A #STREET WALL# TO BE LOCATED SUCH THAT PLANTING BEDS WOULD BE LESS THAN THREE FEET IN WIDTH, THE PROVISIONS OF THIS SECTION SHALL NOT APPLY.

FOR THIS BUILDING, THE AREA BETWEEN THE STREETLINE (YORK AVENUE) AND THE WEST STREET WALL OF THE NEW BUILDING IS COMPRISED OF THE ENTIRE EXISTING ROCKEFELLER UNIVERSITY CAMPUS. THE EXISTING CAMPUS IS OCCUPIED BY 18 BUILDINGS AND BY ROADWAYS AND WALKWAYS, BUT THOSE PORTIONS THAT ARE NOT OCCUPIED BY SUCH STRUCTURES ARE HEAVILY PLANTED. THE EAST STREET WAS OF THE BUILDING ALIGNS WITH THE EAST LOTLINE (STREETLINE), ALTHOUGH PART OF THE PROJECT IS TO RESTRUCTURE THE PARKS DEPARTMENT ESPLANADE BEYOND THE LOTLINE.

64-622 LOBBY OR NON-RESIDENTIAL USE

WHERE THE #FLOOD-RESISTANT CONSTRUCTION ELEVATION# IS TEN OR MORE FEET ABOVE #CURB LEVEL#, A LOBBY WITH A MINIMUM WIDTH OF 20 FEET SHALL BE PROVIDED ALONG THE #STREET WALL# AT THE LEVEL OF THE ADJOINING SIDEWALK OR OTHER PUBLICLY ACCESSIBLE OPEN AREA, WITH A DEPTH OF AT LEAST 20 FEET. FOR #BUILDINGS# WITH AN #AGGREGATE WIDTH OF STREET WALL# OF MORE THAN 65 FEET, SUCH LOBBY WIDTH SHALL BE AT LEAST 30 PERCENT OF THE #AGGREGATE WIDTH OF STREET WALL#, BUT NEED NOT BE WIDER THAN 35 FEET. FOR #ZONING LOTS# WITH LESS THAN 25 FEET OF FRONTAGE ALONG A #STREET#, A FIVE-FOOT WIDE SERVICE CORRIDOR MAY BE EXEMPTED FROM THE REQUIREMENTS OF THIS SECTION. TRANSPARENT GLAZING MATERIALS SHALL OCCUPY AT LEAST 40 PERCENT OF THE SURFACE AREA OF THE #STREET WALL# OF THE LOBBY, MEASURED BETWEEN A HEIGHT OF TWO FEET ABOVE THE LEVEL OF THE ADJOINING SIDEWALK OR OTHER PUBLICLY ACCESSIBLE OPEN AREA AND A HEIGHT TEN FEET ABOVE THE LEVEL OF THE FIRST FINISHED FLOOR ABOVE #CURB LEVEL#. ANY PERMITTED #NON-RESIDENTIAL USE#, OTHER THAN #ACCESSORY# OFFSTREET PARKING OR STORAGE, MAY BE SUBSTITUTED FOR LOBBY AREA REQUIRED PURSUANT TO THIS SECTION, PROVIDED THAT THE REQUIRED WIDTH, DEPTH AND TRANSPARENCY SHALL APPLY TO SUCH #USE#. HOWEVER, WHERE #FLOOD-RESISTANT CONSTRUCTION STANDARDS# PROHIBIT GLAZING DUE TO THE LOCATION OF THE #BUILDING# IN A ZONE SUBJECT TO WAVE ACTION AS INDICATED ON #FLOOD MAPS#, THE GLAZING REQUIREMENTS OF THIS SECTION SHALL NOT APPLY.

THIS BUILDING IS ENTIRELY NON-RESIDENTIAL AND NO SUCH LOBBY IS THEREFORE REQUIRED. FURTHER, BECAUSE OF THE INDIVIDUAL NATURE OF THIS PROJECT, NO ENTRANCE TO THE BUILDING IS LOCATED AT CURB LEVEL, AND ALL OF THE BUILDING INCLUDING ALL ENTRANCES IS LOCATED ABOVE THE FLOOD-RESISTANT CONSTRUCTION LEVEL. THEREFORE NO TRANSPARENCY REQUIREMENT IS REQUIRED. NOTE THAT THE PROPOSED ACCESS POINTS TO THE BUILDING PROVIDE SUBSTANTIAL TRANSPARENCY.



Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub

SECTION C 1
 SCALE: 1/8" = 1'-0"

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060
CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10071 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790

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LOCATION PLAN	REV	DESCRIPTION	DATE
	1	DOB SUBMISSION - RB	04-JULY-16
	2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	DRAWING TITLE
664.100	FLOOD ZONING NOTES
DRAWING SIZE	DRAWING NUMBER
24" x 36"	Z-002.00
DRAWING SCALE	SHEET REV
N.T.S.	Sheet 33 of 315

PROJECT PHASE	DOCUMENTS
CONSTRUCTION	

ARCHITECTS PROJECT NUMBER	DRAWING TITLE
664.100	FLOOD ZONING NOTES
DRAWING SIZE	DRAWING NUMBER
24" x 36"	Z-002.00
DRAWING SCALE	SHEET REV
N.T.S.	Sheet 33 of 315

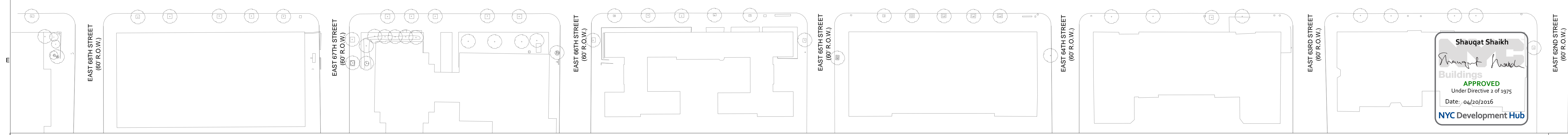
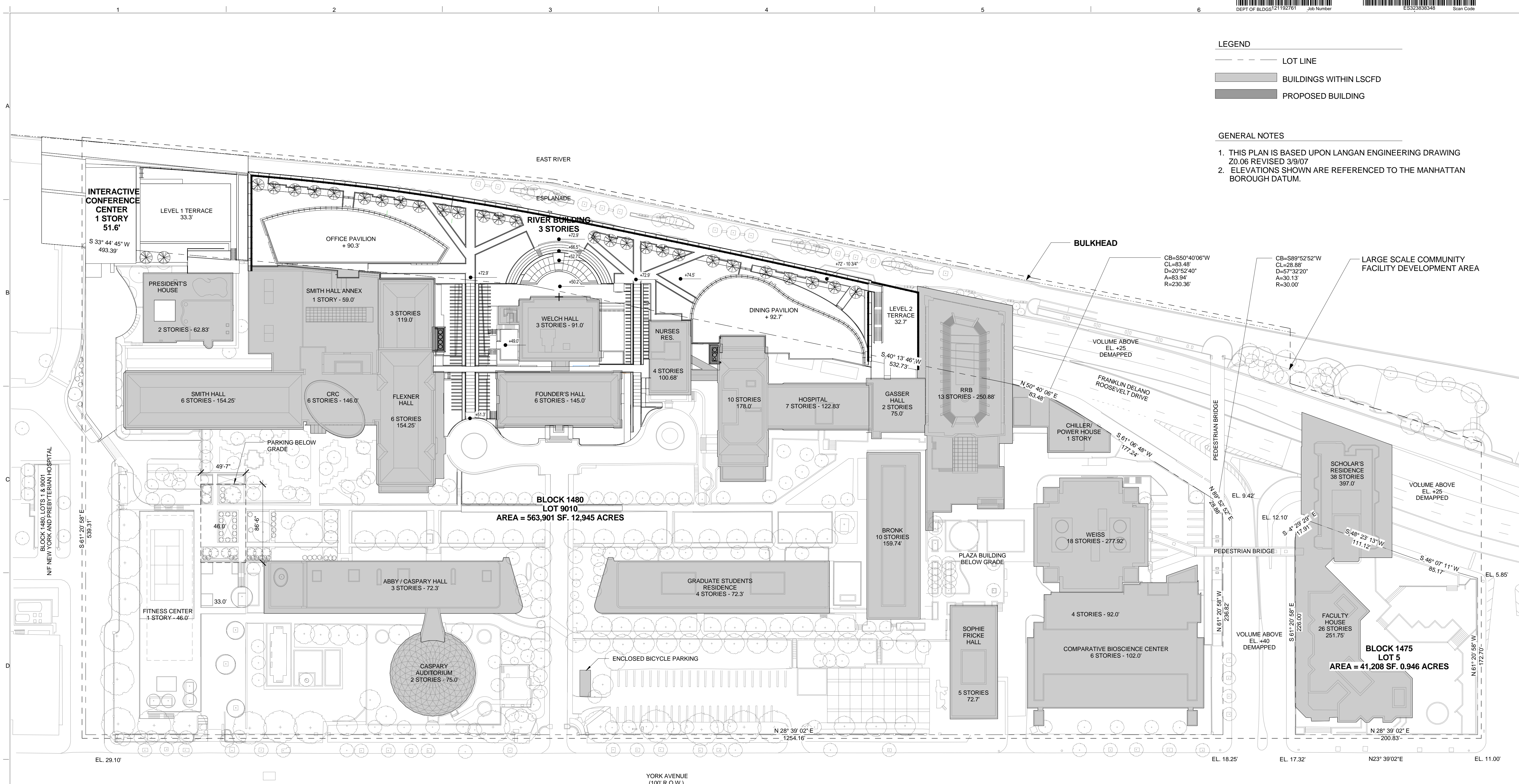
PROJECT PHASE	DOCUMENTS
CONSTRUCTION	

LEGEND

- LOT LINE
- ▭ BUILDINGS WITHIN LSCFD
- ▭ PROPOSED BUILDING

GENERAL NOTES

1. THIS PLAN IS BASED UPON LANGAN ENGINEERING DRAWING Z0.06 REVISED 3/9/07
2. ELEVATIONS SHOWN ARE REFERENCED TO THE MANHATTAN BOROUGH DATUM.



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ZONING PLAN - SITE PLAN
 SCALE: 1" = 50'-0" 1

The Rockefeller University
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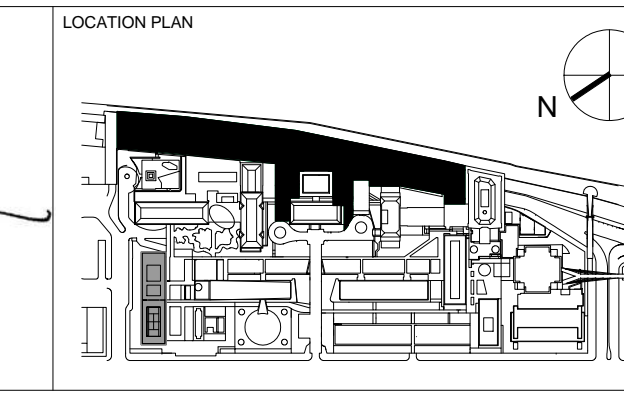
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 DONALD S. BARNUM
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
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7	DOB SUBMISSION - RB	01-OCT-15
8	PROGRESS SET	30-OCT-15
9	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING TITLE
 ZONING PLAN - SITE PLAN

DRAWING NUMBER
Z-101.00

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DATE
 04/20/2016

SCALE
 1" = 50'-0"

SHEET
 Sheet 34 of 315

GROSS AREA - LAB LEVEL 3		
20,778 SF		

ZONING LEVEL 3 ZONE A		
NUM.	TYPE OF AREA	AREA

LAB - ZONE 3A - DEDUCTIONS		
39	ELECTRICAL ROOM	104 SF
40	SHAFT	39 SF
41	SHAFT	17 SF
42	CHASE	28 SF
43	CHASE	8 SF
SUBTOTAL:		195 SF

LAB - ZONE 3A - FLOOR AREA		
LEVEL 3A ZONING FLOOR AREA	9,679 SF	
SUBTOTAL:	9,679 SF	

ZONING LEVEL 3 ZONE B		
NUM.	TYPE OF AREA	AREA

LAB - ZONE 3B - DEDUCTIONS		
44	SHAFT	72 SF
45	ELECTRICAL ROOM	114 SF
46	CHASE	9 SF
SUBTOTAL:		195 SF

LAB - ZONE 3B - FLOOR AREA		
SUBTOTAL ZONING FLOOR AREA	10,709 SF	
SUBTOTAL:	10,709 SF	

GROSS AREA - LAB LEVEL 2		
59,784 SF		

ZONING LEVEL 2 - LAB		
NUM.	TYPE OF AREA	AREA

LAB - DEDUCTIONS		
20	ELECTRICAL ROOM	345 SF
21	SHAFT	20 SF
22	CHASE	40 SF
23	ELECTRICAL ROOM	157 SF
24	ELECTRICAL ROOM	330 SF
25	SHAFT	21 SF
26	CHASE	23 SF
27	SHAFT	50 SF
28	SHAFT	87 SF
29	SHAFT	85 SF
30	SHAFT	40 SF
31	SHAFT	47 SF
32	CHASE	22 SF
33	SHAFT	10 SF
34	SHAFT	27 SF
35	CHASE	23 SF
36	SHAFT	13 SF
37	ELECTRICAL ROOM	117 SF
38	ELECTRICAL ROOM	38 SF
SUBTOTAL:		1,494 SF

LAB - FLOOR AREA		
LEVEL 2 ZONING FLOOR AREA	58,290 SF	
SUBTOTAL:	58,290 SF	

GROSS AREA - ICC		
4,684 SF		

ZONING LEVEL 1 - ICC		
NUM.	TYPE OF AREA	AREA

ICC - DEDUCTIONS		
17	ELECTRICAL ROOM	54 SF
18	CHASE	18 SF
19	CHASE	19 SF
SUBTOTAL:		91 SF

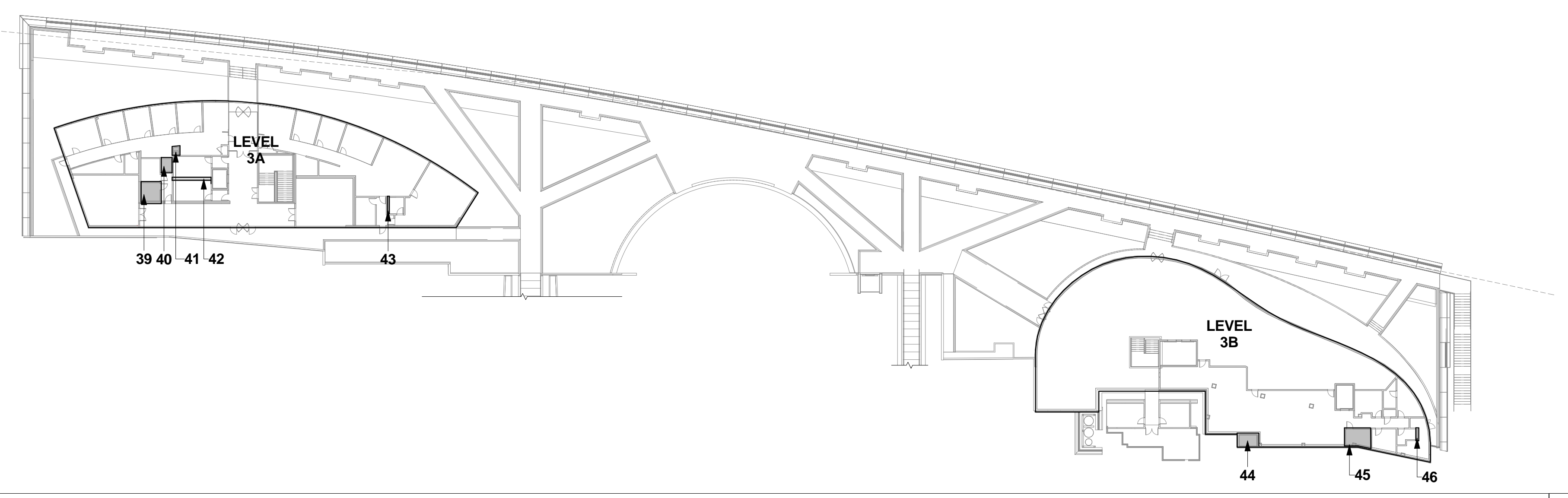
ICC - FLOOR AREA		
ICC 1 ZONING FLOOR AREA	4,593 SF	
SUBTOTAL:	4,593 SF	

GROSS AREA - LAB LEVEL 1		
70,692 SF		

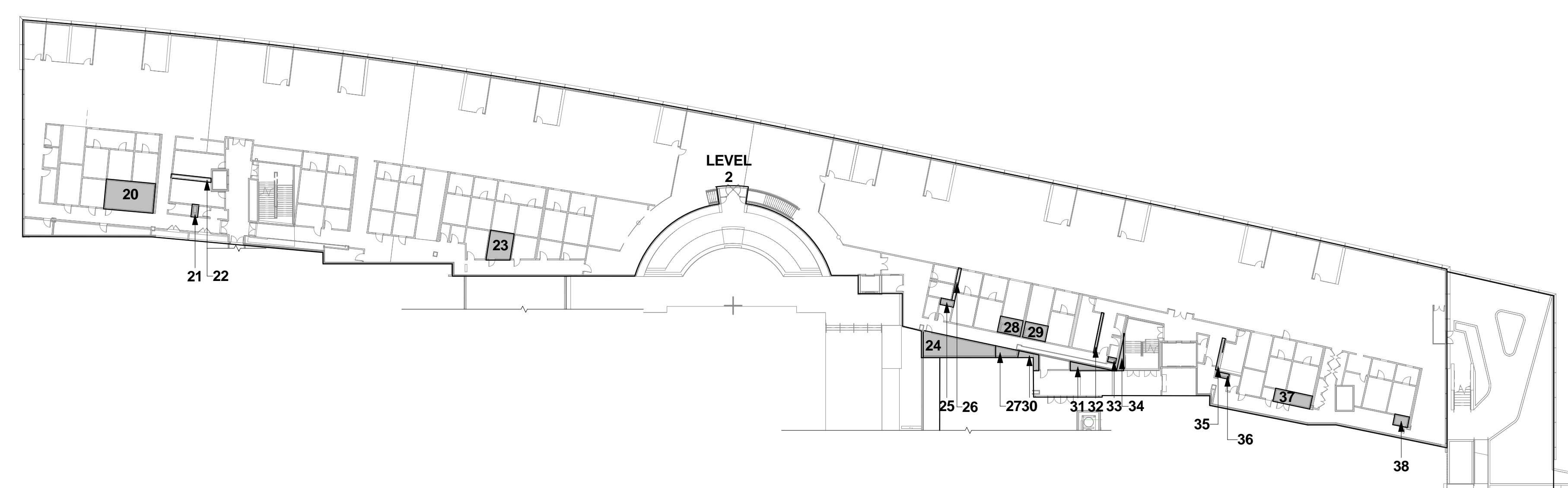
ZONING LEVEL 1 - LAB		
NUM.	TYPE OF AREA	AREA

LAB - DEDUCTIONS		
1	ELECTRICAL ROOM	287 SF
2	ELECTRICAL ROOM	293 SF
3	CHASE	38 SF
4	ELEV. MACHINE RM	133 SF
5	CHASE	16 SF
6	ELEV. MACHINE RM	157 SF
7	ELECTRICAL ROOM	115 SF
8	ELECTRICAL ROOM	107 SF
9	CHASE	14 SF
10	CHASE	22 SF
11	ELEV. MACHINE RM	214 SF
12	ELEV. MACHINE RM	103 SF
13	ELECTRICAL ROOM	131 SF
14	ELECTRICAL ROOM	139 SF
15	MECHANICAL ROOM A	5,774 SF
16	MECHANICAL ROOM B	2,592 SF
SUBTOTAL:		10,134 SF

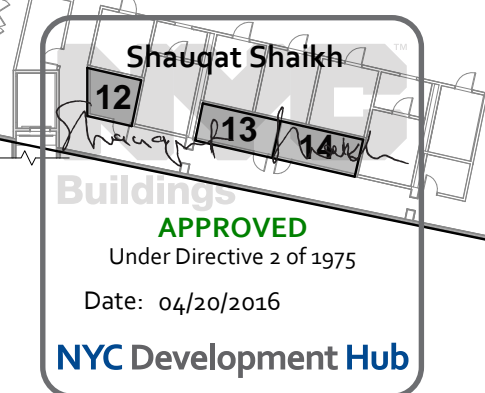
LAB - FLOOR AREA		
LEVEL 1 ZONING FLOOR AREA	60,558 SF	
SUBTOTAL:	60,558 SF	



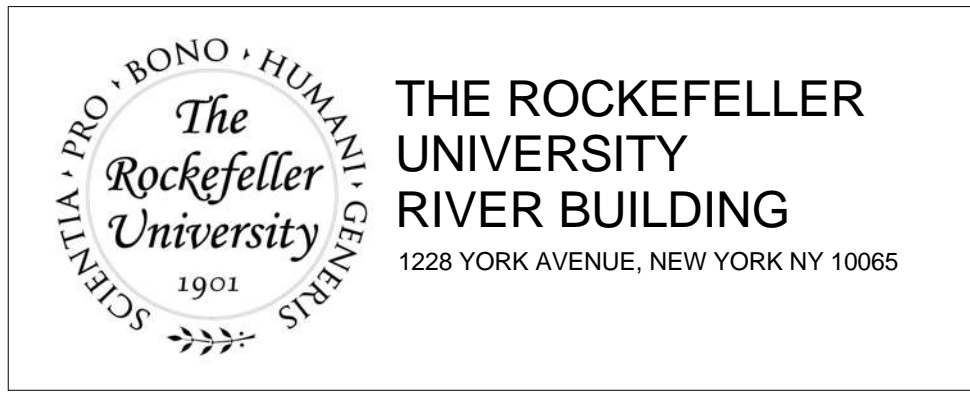
ZONING PLAN - LEVEL 3
SCALE: 1" = 40'-0" 3



ZONING PLAN - LEVEL 2
SCALE: 1" = 40'-0" 2



ZONING PLAN - LEVEL 1
SCALE: 1" = 40'-0" 1



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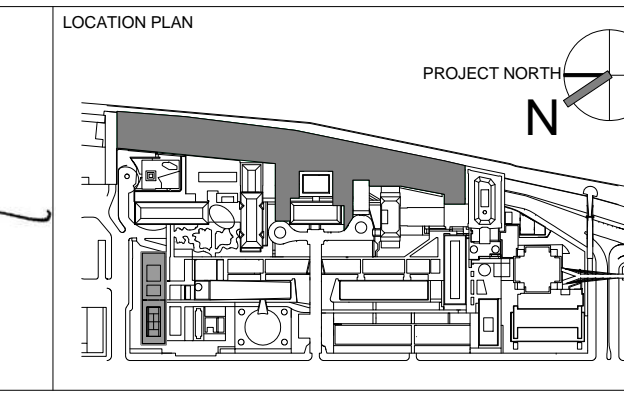
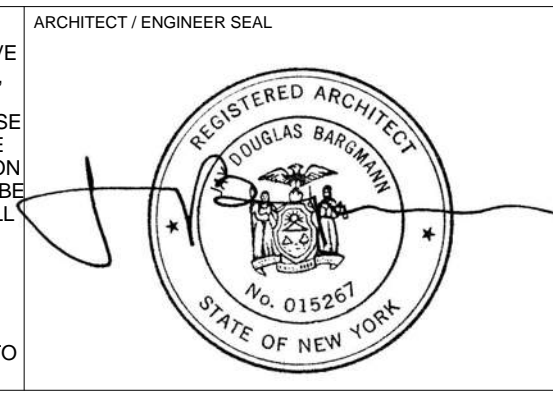
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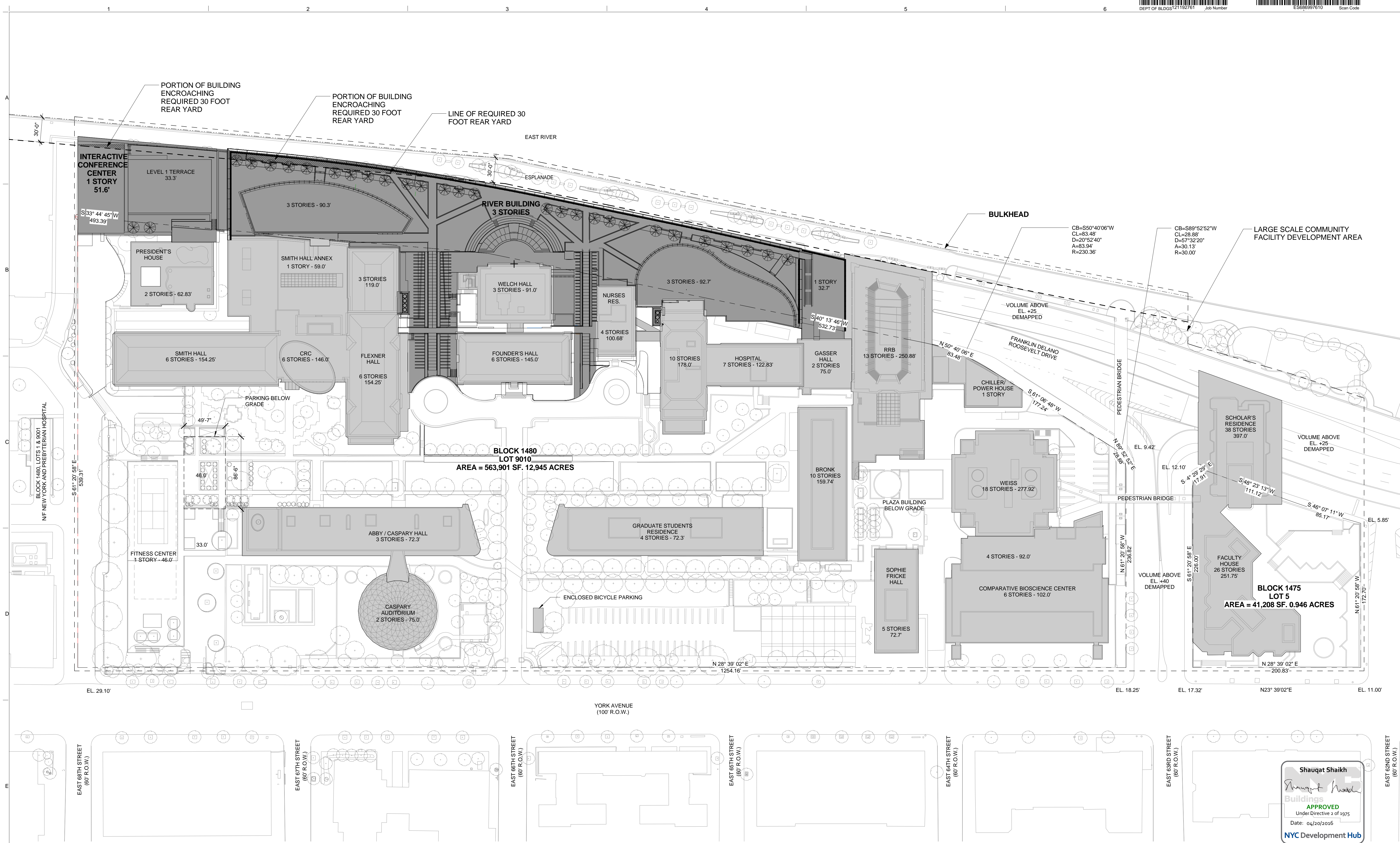
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
2	DESIGN DEVELOPMENT	27-FEB-15	664.100
3	DOB SUBMISSION	12-MAR-15	
4	DOB SUBMISSION	31-JULY-15	
5	E&F ADDENDUM	31-JULY-15	
6	DOB SUBMISSION	20-AUG-15	
7	DOB SUBMISSION - RB	01-OCT-15	
8	PROGRESS SET	30-OCT-15	
9	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE	
ZONING PLAN - LEVEL 1, 2 & 3	
DRAWING NUMBER	
Z-102.00	
DRAWING SCALE	
1" = 40'-0"	
PROJECT PHASE	
CONSTRUCTION DOCUMENTS	
DATE	
16-DEC-15	
DRAWING REVISION	
Sheet 35 of 315	



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ZONING PLAN - REAR YARD DIAGRAM
 SCALE: 1" = 50'-0"

THE ROCKEFELLER UNIVERSITY
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 RAFAEL VINOLY ARCHITECTS
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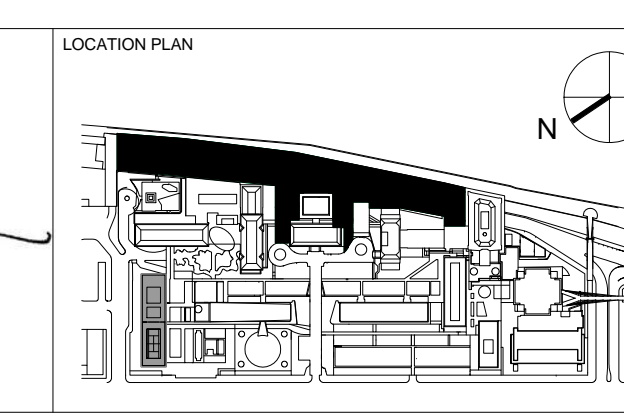
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHOUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DOB SUBMISSION	12-MAR-15
E	DOB SUBMISSION	31-JULY-15
1	E&F ADDENDUM	31-JULY-15
2	DOB SUBMISSION	20-AUG-15
3	DOB SUBMISSION - RB	01-OCT-15
4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1" = 50'-0"

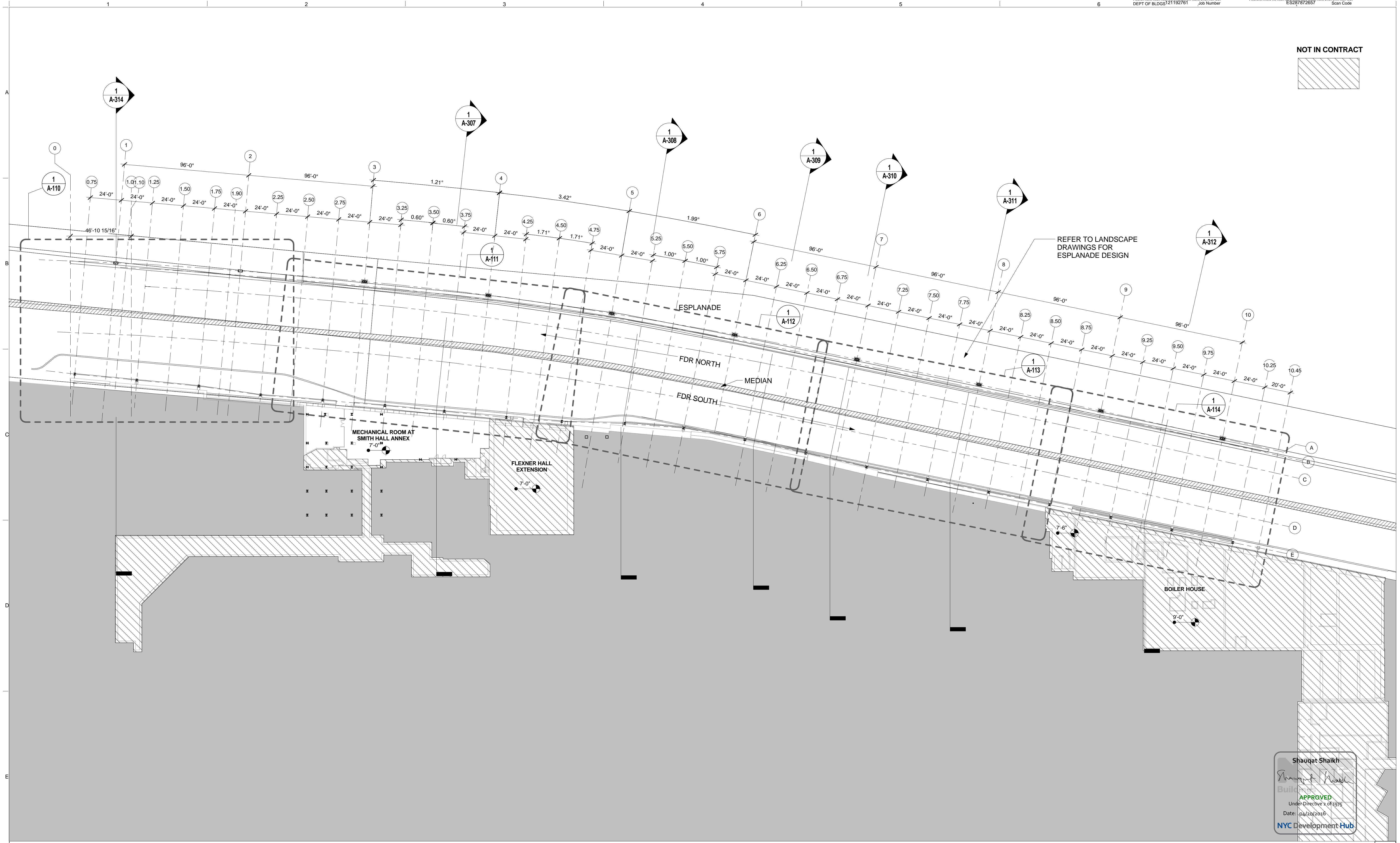
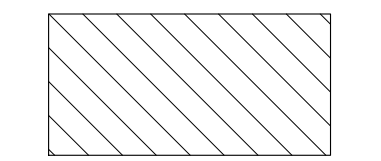
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
REAR YARD DIAGRAM

DRAWING NUMBER
Z-103.00

SHEET 36 OF 315

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OVERALL FLOOR PLAN - LEVEL D
 SCALE: 1/32" = 1'-0" 1

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ARCHITECT
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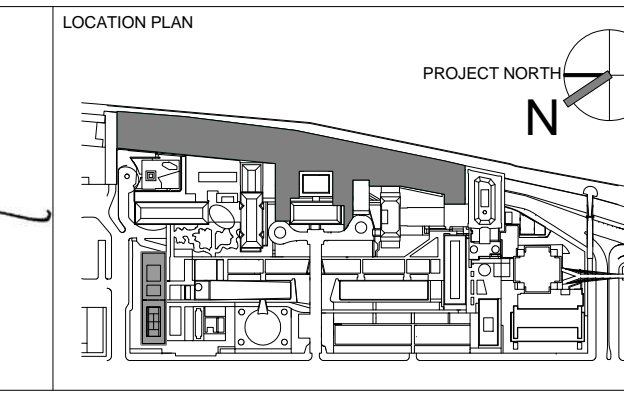
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ARCHITECT / ENGINEER SEAL
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 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



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7	DOB SUBMISSION - RB	01-OCT-15
8	PROGRESS SET	30-OCT-15
9	FIREPROOFING PACKAGE	7-DEC-15
10	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1/32" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

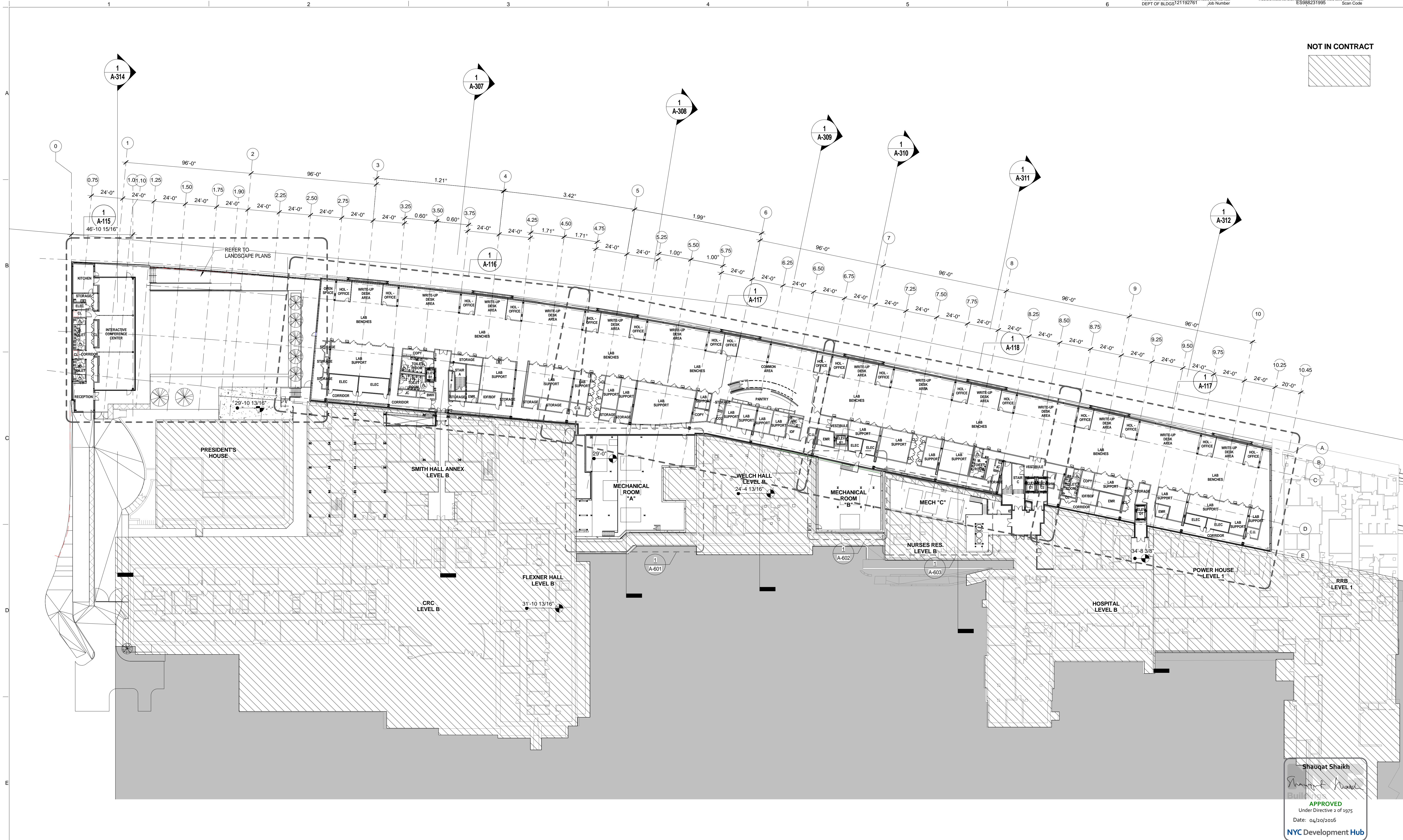
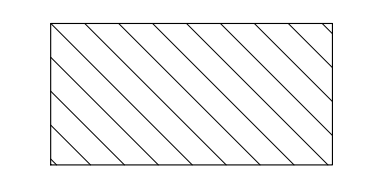
OVERALL FLOOR PLAN - LEVEL D

DRAWING NUMBER
A-100.00

Sheet 37 of 315

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OVERALL FLOOR PLAN - LEVEL 1
 SCALE: 1/32" = 1'-0" 1

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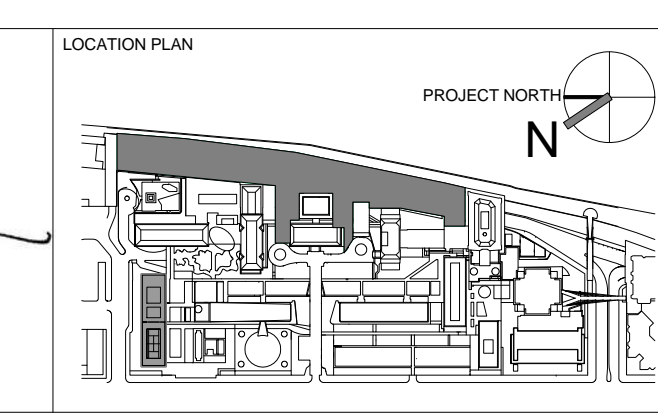
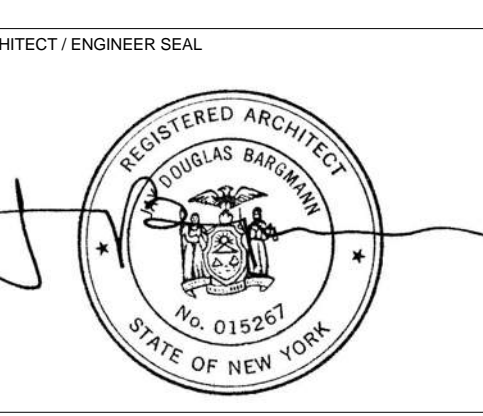
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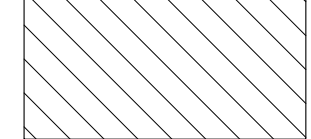
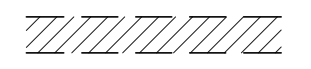
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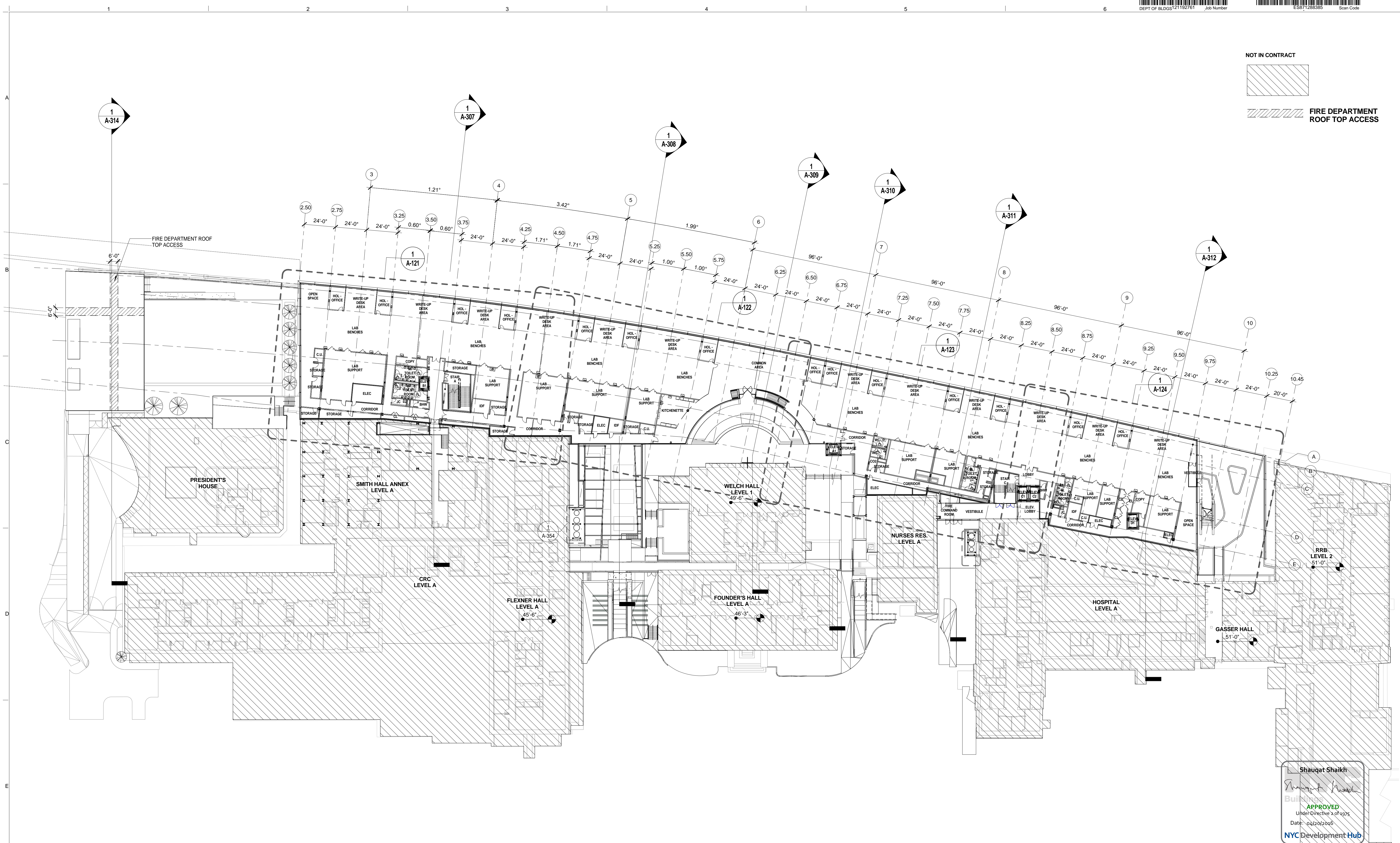


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 DRAWING SIZE
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 DRAWING SCALE
 1/32" = 1'-0"
 PROJECT PHASE
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OVERALL FLOOR PLAN - LEVEL 1
 DRAWING NUMBER
A-102.00
 SHEET 38 OF 315

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Shauqat Shaikh
 APPROVED
 Under Directive 20 of 2015
 Date: 06/20/2016
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OVERALL FLOOR PLAN - LEVEL 2
 SCALE: 1/32" = 1'-0" 1

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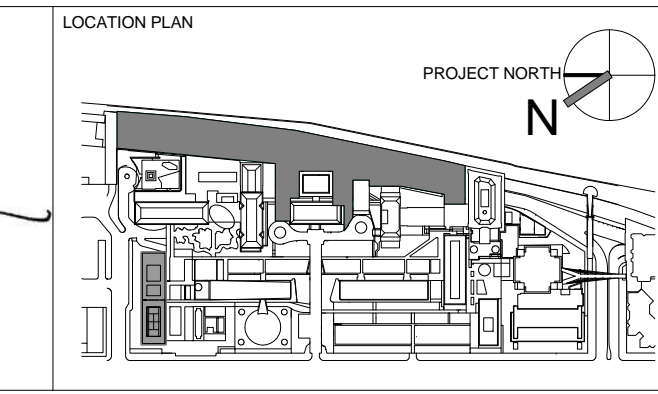
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ARCHITECT / ENGINEER SEAL


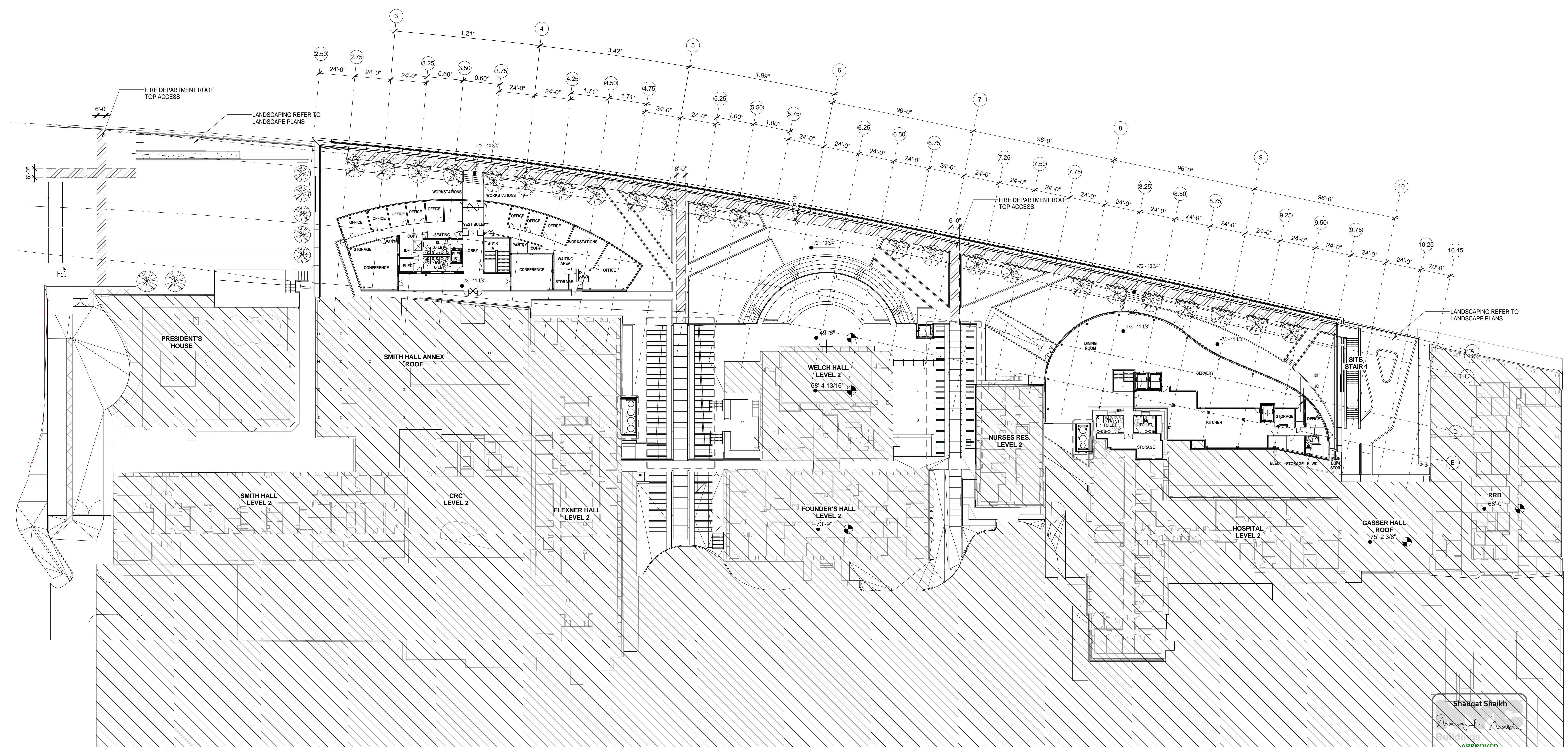


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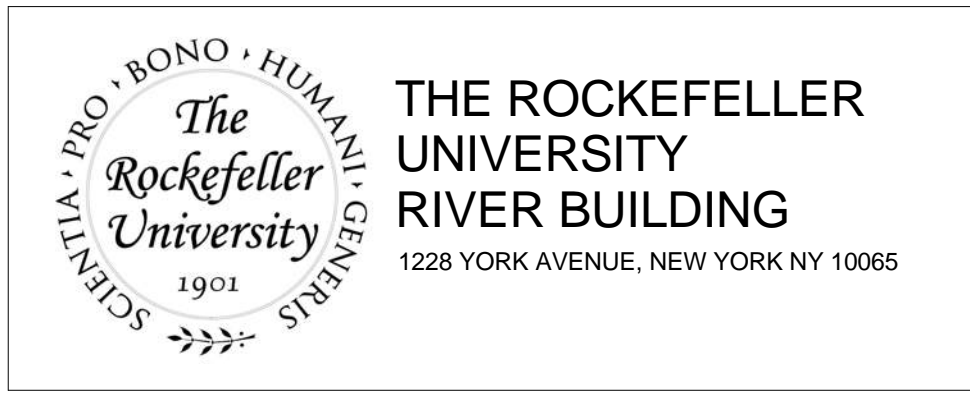
OVERALL FLOOR PLAN - LEVEL 2
 DRAWING NUMBER
A-103.00
 SHEET 39 OF 315
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 Date: 04/30/2016
 NYC Development Hub

OVERALL FLOOR PLAN - LEVEL 3
 SCALE: 1/32" = 1'-0" 1



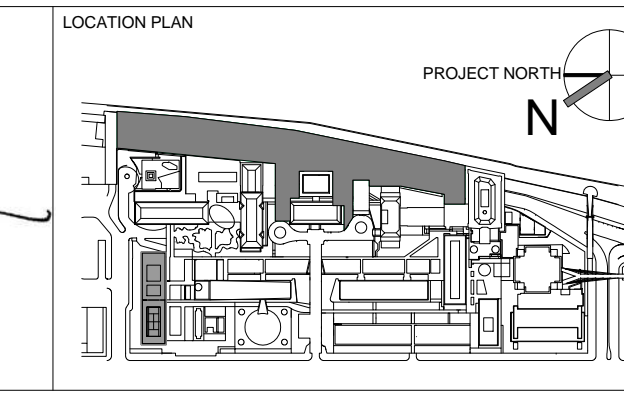
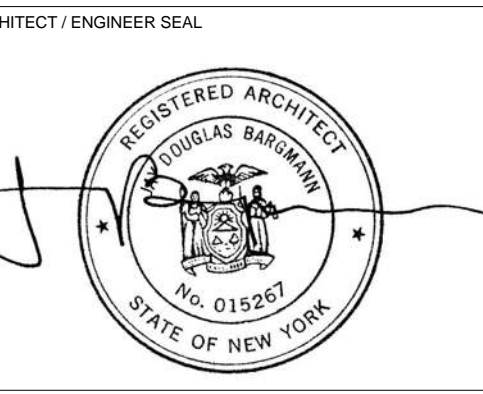
ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
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 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

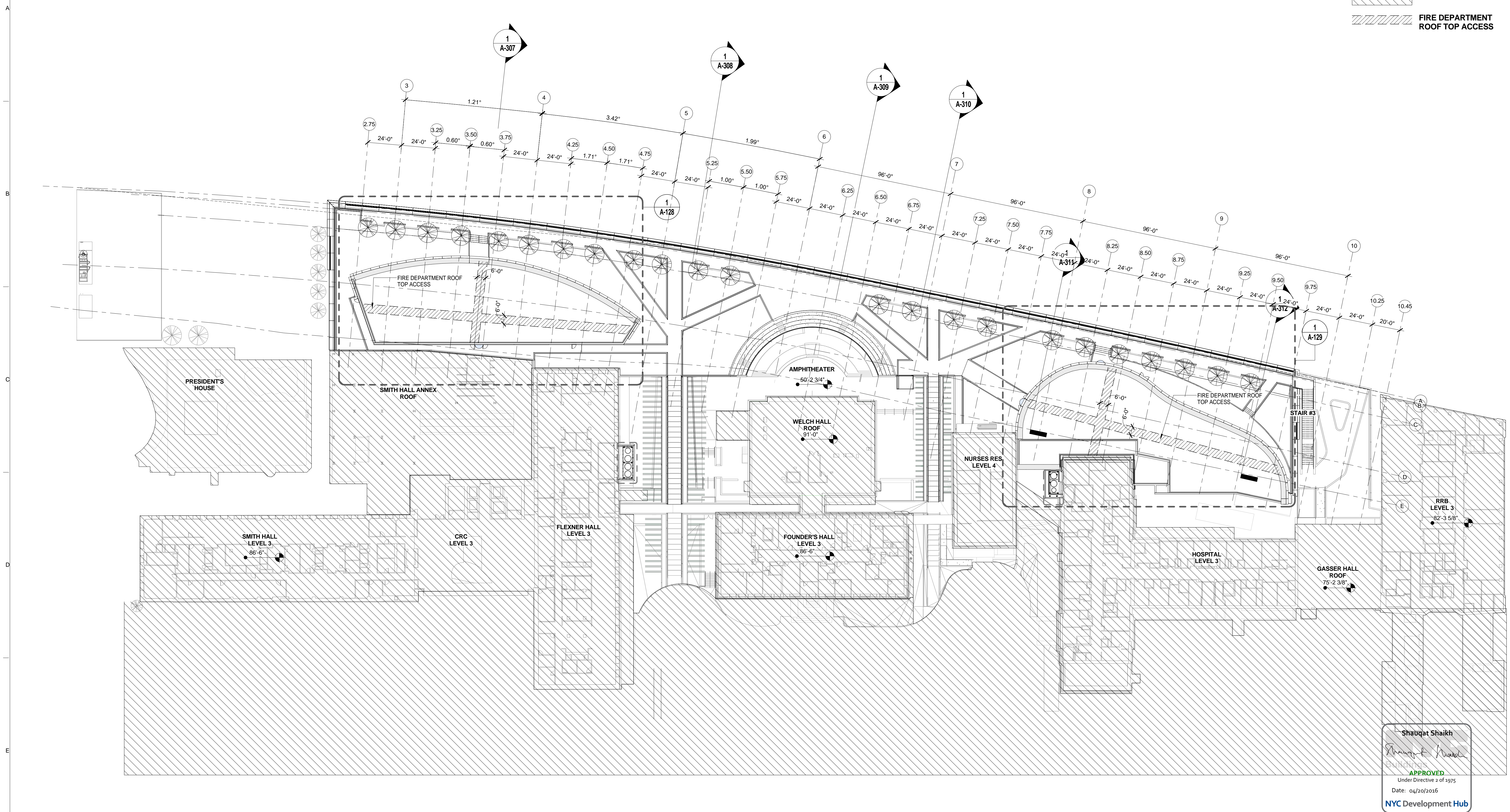


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1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	DOB SUBMISSION	12-MAR-15
4	DOB SUBMISSION	31-JULY-15
5	E&F ADDENDUM	31-JULY-15
6	DOB SUBMISSION	20-AUG-15
7	DOB SUBMISSION - RB	01-OCT-15
8	PROGRESS SET	30-OCT-15
9	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100
 DRAWING SIZE
 24" x 36"
 DRAWING SCALE
 1/32" = 1'-0"
 PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
OVERALL FLOOR PLAN - LEVEL 3
 DRAWING NUMBER
A-105.00
 SHEET 40 OF 315

NOT IN CONTRACT
 FIRE DEPARTMENT ROOF TOP ACCESS



Shauqat Shaikh
 Under Directive 2 of 1975
 Date: 04/30/2016
 APPROVED
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OVERALL FLOOR PLAN - ROOF
 SCALE: 1/32" = 1'-0" 1

The Rockefeller University
 1901
 1228 YORK AVENUE, NEW YORK NY 10065

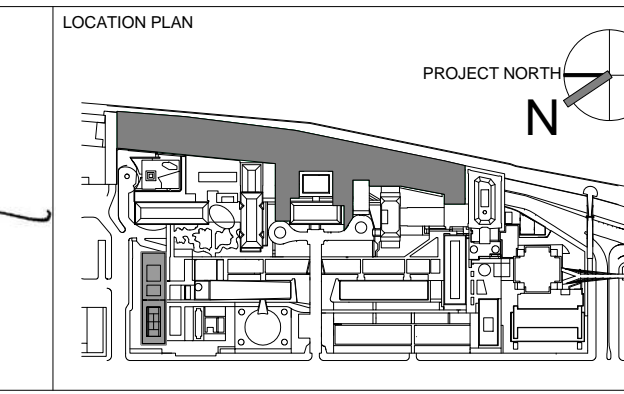
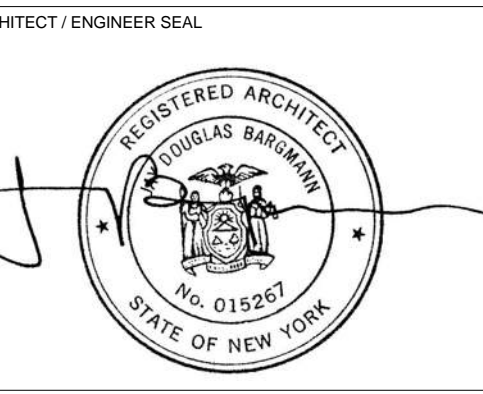
ARCHITECT
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INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 158 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

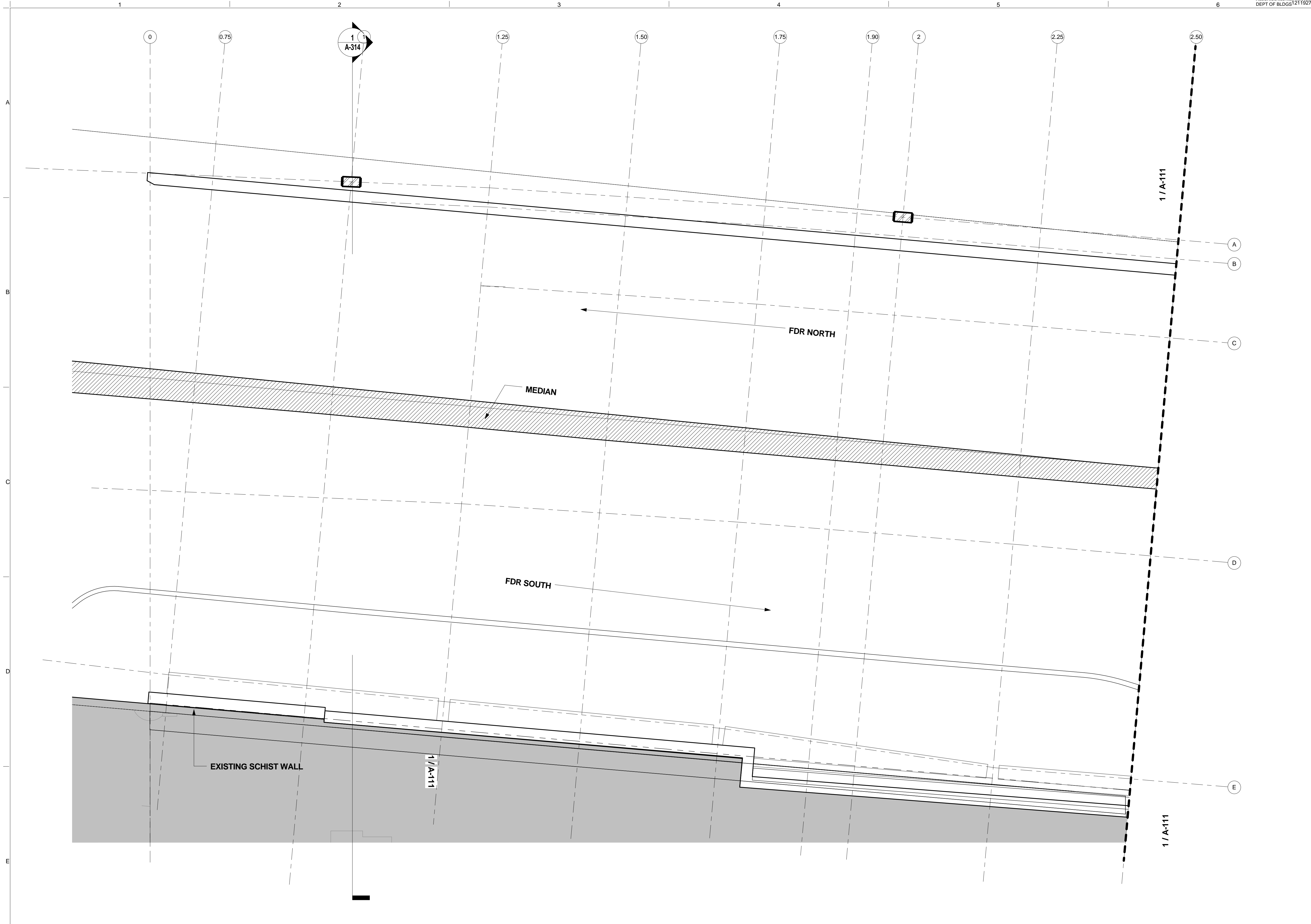
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REV	DESCRIPTION	DATE
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	DOB SUBMISSION	12-MAR-15
4	DOB SUBMISSION	31-JULY-15
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6	DOB SUBMISSION	20-AUG-15
7	DOB SUBMISSION - RB	01-OCT-15
8	PROGRESS SET	30-OCT-15
9	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100
 DRAWING SIZE
 24" x 36"
 DRAWING SCALE
 1/32" = 1'-0"

DRAWING TITLE
OVERALL FLOOR PLAN - ROOF
 DRAWING NUMBER
A-106.00
 SHEET 41 OF 315



LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
- MATCH LINE

- GENERAL PLAN NOTES:**
1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
 2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
 3. REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
 4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION

Shauqat Shaikh
Shauqat Shaikh
 Buildings
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 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

SECTOR A - FLOOR PLAN - LEVEL D
 SCALE: 1/8" = 1'-0" **1**

The Rockefeller University
 1901
 SCIENTIA • PRO • BONO • HUMANI • GENIUS

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
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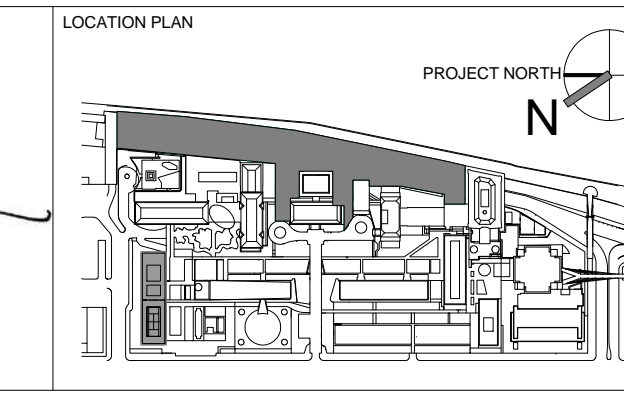
STRUCTURAL ENGINEER
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 744 BROAD STREET
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INTERIOR LIGHTING DESIGNER
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 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
E	DOB SUBMISSION	12-MAR-15
F	DOB SUBMISSION	31-JULY-15
1	E&F ADDENDUM	31-JULY-15
2	DOB SUBMISSION	20-AUG-15
3	DOB SUBMISSION - RB	01-OCT-15
4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1/8" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

SECTOR A - FLOOR PLAN - LEVEL D

A-110.00
 Sheet 42 of 315



LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
- MATCH LINE

- GENERAL PLAN NOTES:**
1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
 2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
 3. REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
 4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION

Shauqat Shaikh
Shauqat Shaikh
 Buildings
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 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub

SECTOR B - FLOOR PLAN - LEVEL D
 SCALE: 1/8" = 1'-0" 1

The Rockefeller University
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 1228 YORK AVENUE, NEW YORK NY 10065

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 NEW YORK, NY 10013
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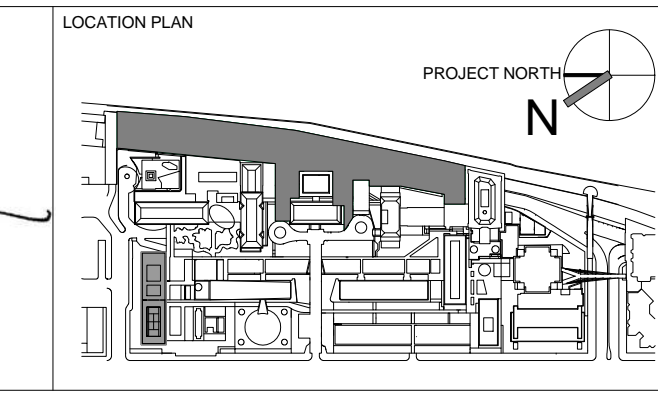
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
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INTERIOR LIGHTING DESIGNER
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 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
E	DOB SUBMISSION	12-MAR-15	
F	DOB SUBMISSION	31-JULY-15	
1	E&F ADDENDUM	31-JULY-15	
2	DOB SUBMISSION	20-AUG-15	
3	DOB SUBMISSION - RB	01-OCT-15	
4	PROGRESS SET	30-OCT-15	
5	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
 SECTOR B - FLOOR PLAN - LEVEL D

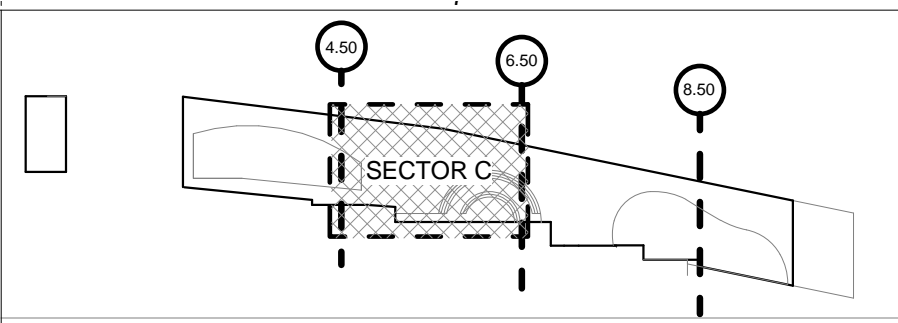
DRAWING NUMBER
 A-111.00

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1/8" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

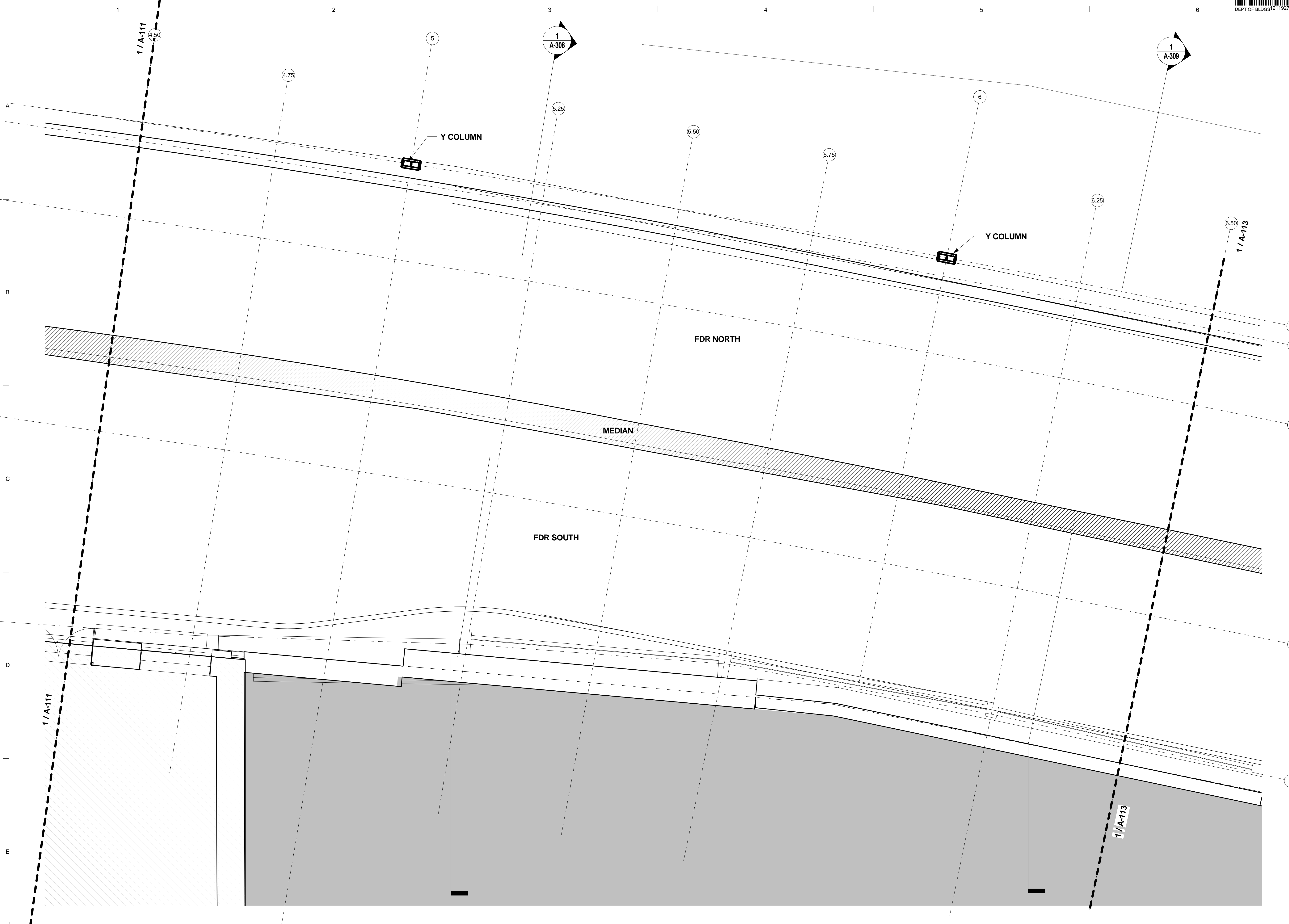
Sheet 43 of 315



LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
- MATCH LINE

- GENERAL PLAN NOTES:**
1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
 2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
 3. REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
 4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION



SECTOR C - FLOOR PLAN - LEVEL D
SCALE: 1/8" = 1'-0" 1



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

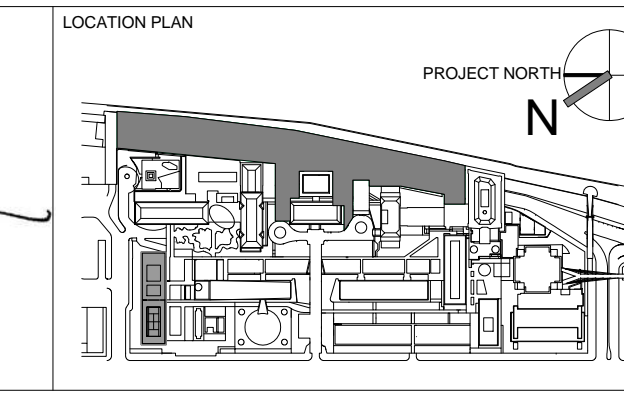
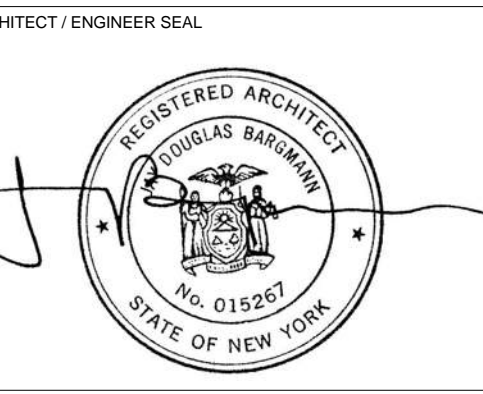
ARCHITECT
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INTERIOR LIGHTING DESIGNER
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
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NEW YORK, NY 10018
T. 212.691.3248



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
E	DOB SUBMISSION	12-MAR-15	
F	DOB SUBMISSION	31-JULY-15	
1	E&F ADDENDUM	31-JULY-15	
2	DOB SUBMISSION	20-AUG-15	
3	DOB SUBMISSION - RB	01-OCT-15	
4	PROGRESS SET	30-OCT-15	
5	DOB SUBMISSION - RB	16-DEC-15	

SECTOR C - FLOOR PLAN - LEVEL D

DRAWING NUMBER: **A-112.00**

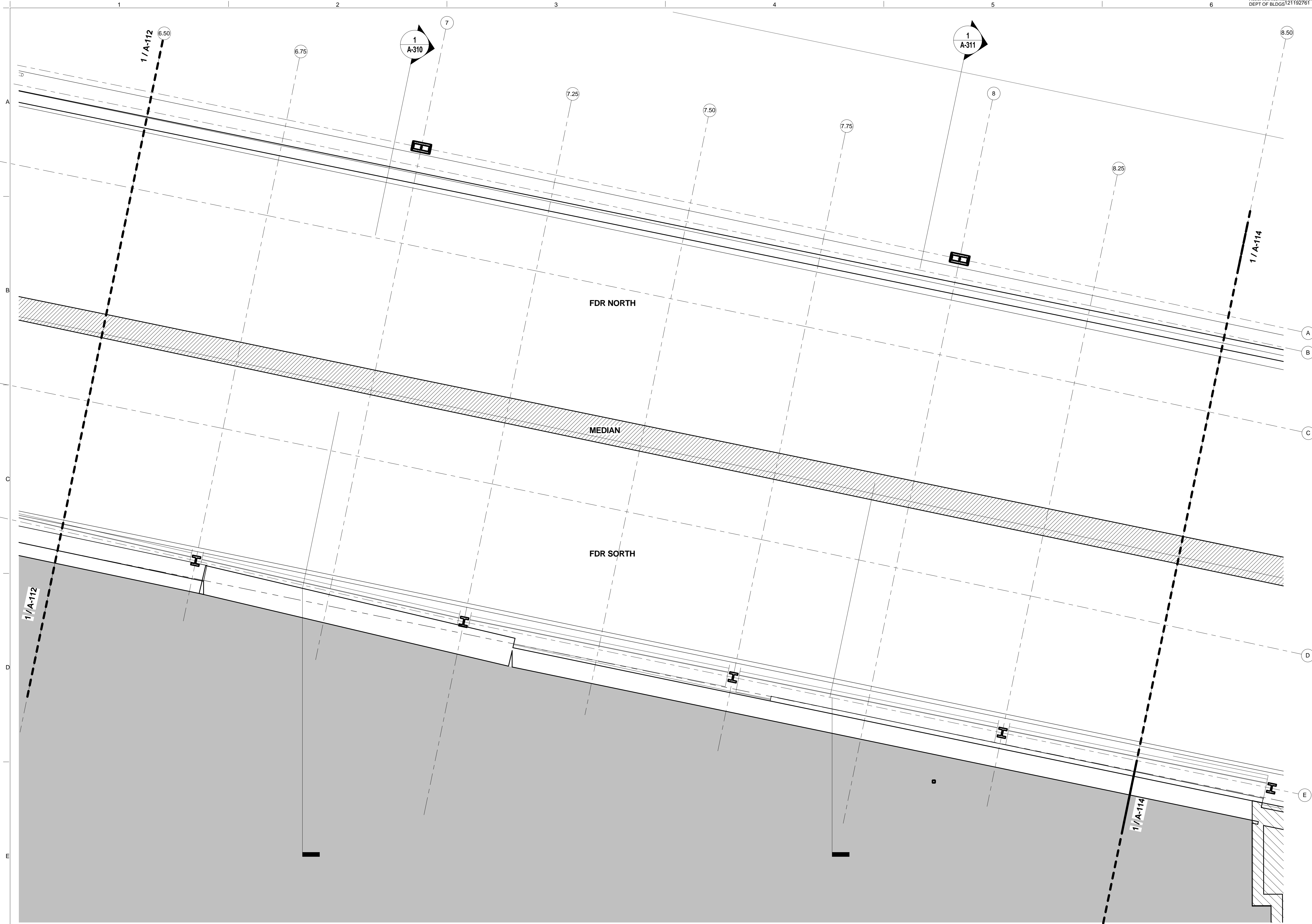
Sheet 44 of 315

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LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
- MATCH LINE

- GENERAL PLAN NOTES:**
1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
 2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
 3. REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
 4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION



SECTOR D - FLOOR PLAN - LEVEL D
SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

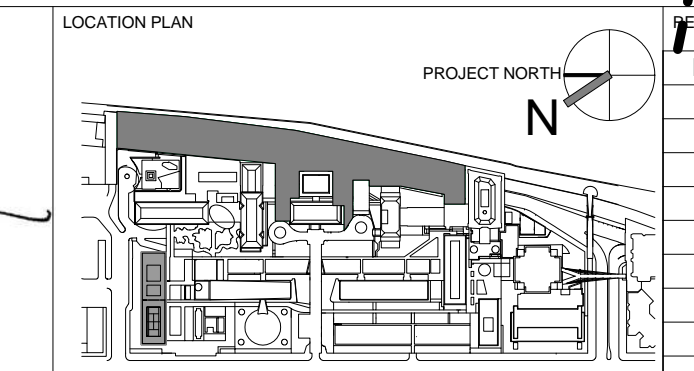
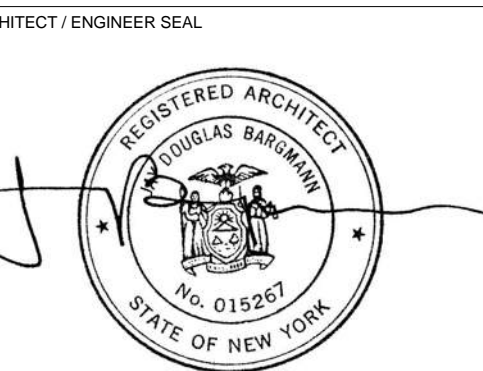
ARCHITECT
RAFAEL VINOLY ARCHITECTS
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INTERIOR LIGHTING DESIGNER
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T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248



REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
E	DOB SUBMISSION	12-MAR-15	
F	DOB SUBMISSION	31-JULY-15	
1	E&F ADDENDUM	31-JULY-15	
2	DOB SUBMISSION	20-AUG-15	
3	DOB SUBMISSION - RB	01-OCT-15	
4	PROGRESS SET	30-OCT-15	
5	DOB SUBMISSION - RB	16-DEC-15	

SECTOR D - FLOOR PLAN - LEVEL D

DRAWING NUMBER: **A-113.00**
Sheet 45 of 315



LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
- MATCH LINE

- GENERAL PLAN NOTES:**
- REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
 - REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
 - REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
 - REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 - REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION



SECTOR E - FLOOR PLAN - LEVEL D
 SCALE: 1/8" = 1'-0" 1

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 1228 YORK AVENUE, NEW YORK NY 10065

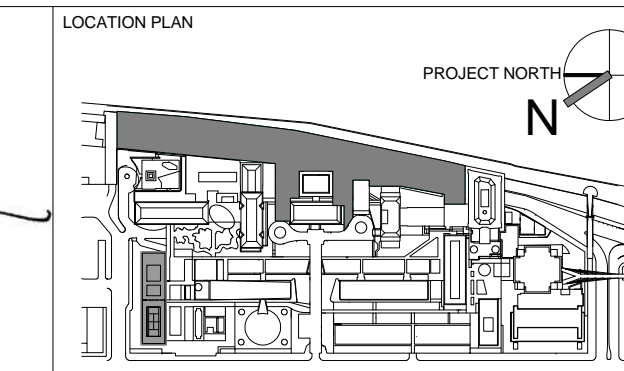
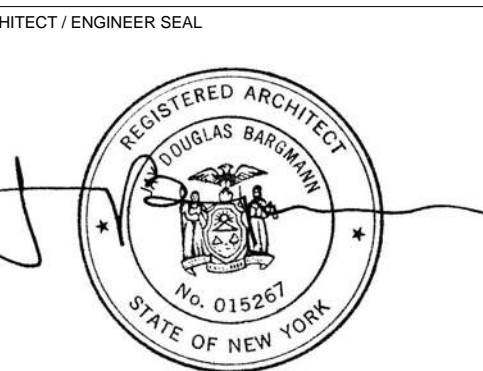
ARCHITECT
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STRUCTURAL ENGINEER
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SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

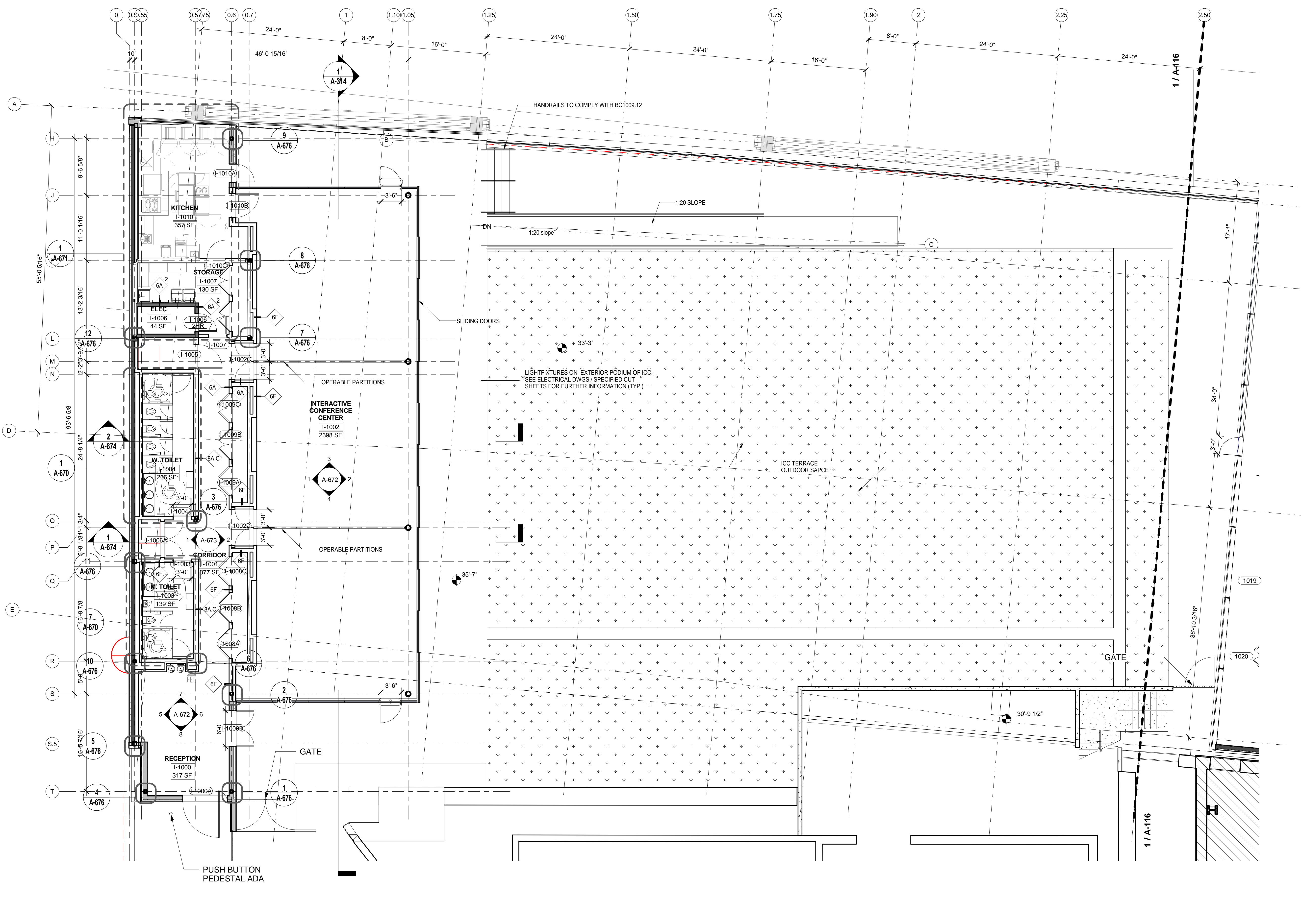


REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
E	DOB SUBMISSION	12-MAR-15
F	DOB SUBMISSION	31-JULY-15
1	E&F ADDENDUM	31-JULY-15
2	DOB SUBMISSION	20-AUG-15
3	DOB SUBMISSION - RB	01-OCT-15
4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100
 DRAWING SIZE
 24" x 36"
 DRAWING SCALE
 1/8" = 1'-0"

SECTOR E - FLOOR PLAN - LEVEL D

DRAWING NUMBER: **A-114.00**
 SHEET 46 OF 315



LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
- MATCH LINE

- GENERAL PLAN NOTES:**
- REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
 - REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
 - REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
 - REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 - REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION

ICC PLUMBING FIXTURE COUNTS IN COMPLIANCE WITH NYC PC 403.1

	MEN		WOMEN	
	REQUIRED	PROPOSED	REQUIRED	PROPOSED
TOILETS	1	2	4	5
URINAL	1	1	-	-
LAVATORIES	1	2	1	3

	REQUIRED	PROPOSED
DRINKING FOUNTAINS	1	2



SECTOR A - FLOOR PLAN - LEVEL 1
SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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ARCHITECT
RAFAEL VINOLY ARCHITECTS
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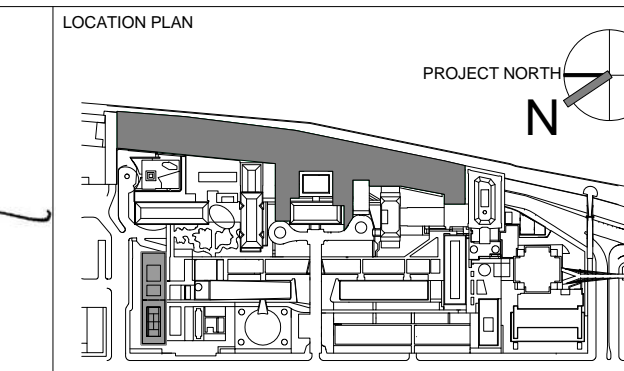
STRUCTURAL ENGINEER
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SPECIFICATION CONSULTANT
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ARCHITECT / ENGINEER SEAL
SHAUQAT SHAIKH
REGISTERED ARCHITECT
STATE OF NEW YORK
No. 015267



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
E	DOB SUBMISSION	12-MAR-15
F	DOB SUBMISSION	31-JULY-15
1	E&F ADDENDUM	31-JULY-15
2	DOB SUBMISSION	20-AUG-15
3	DOB SUBMISSION - RB	01-OCT-15
4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/8" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

SECTOR A - FLOOR PLAN - LEVEL 1 (ICC)

A-115.00
Sheet 47 of 315



- LEGEND**
- NOT IN CONTRACT
 - NON RATED PARTITION
 - 1 HOUR RATED
 - 2 HOUR RATED
 - 2 HOUR RATED EXTERIOR BUILDING WALLS BETWEEN NEW AND EXISTING BUILDINGS
 - 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
 - MATCH LINE

- GENERAL PLAN NOTES:**
1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
 2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT, BENCH AND WRITE-UP DESK DESIGNATION.
 3. REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
 4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION

LEVEL 1 PLUMBING FIXTURE COUNTS IN COMPLIANCE WITH NYC PC 403.1

	MEN		WOMEN	
	REQUIRED	PROPOSED	REQUIRED	PROPOSED
TOILETS	5	5	9	9
URINAL	4	4	-	-
LAVATORIES	8	8	8	8

	REQUIRED	PROPOSED
	DRINKING FOUNTAINS	7

*ADDITIONAL 1 UNI-SEX BATHROOM PROVIDED IN COMMON AREA



SECTOR B - FLOOR PLAN - LEVEL 1
SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

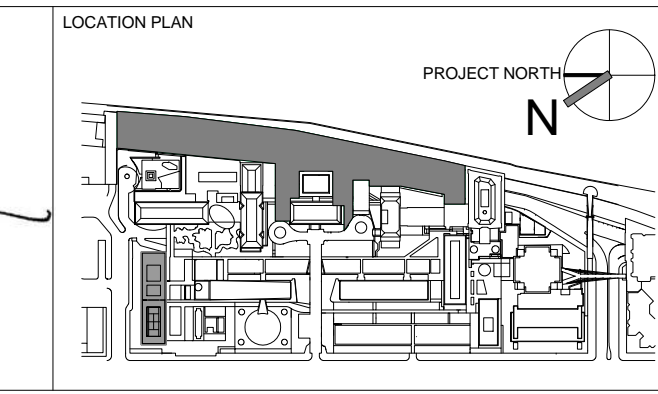
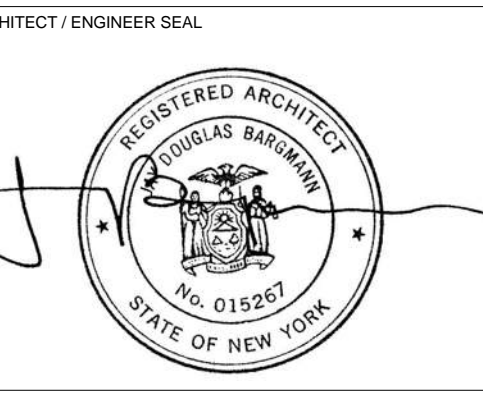
ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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T. 212.924.5060 F. 212.924.5858

STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
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T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL.
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
150 WEST 29TH STREET
NEW YORK, NY 10018
T. 212.691.3248



REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
E	DOB SUBMISSION	12-MAR-15	
F	DOB SUBMISSION	31-JULY-15	
1	E&F ADDENDUM	31-JULY-15	
2	DOB SUBMISSION	20-AUG-15	
3	DOB SUBMISSION - RB	01-OCT-15	
4	PROGRESS SET	30-OCT-15	
5	DOB SUBMISSION - RB	16-DEC-15	

ARCHITECT'S PROJECT NUMBER
664.100

DRAWING NUMBER
A-116.00

CONSTRUCTION DOCUMENTS

SECTOR B - FLOOR PLAN - LEVEL 1

Sheet 48 of 315

LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 2 HOUR RATED EXTERIOR BUILDING WALLS BETWEEN NEW AND EXISTING BUILDINGS
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
- MATCH LINE

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 - REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT, BENCH AND WRITE-UP DESK DESIGNATION.
 - REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
 - REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 - REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION



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 Buildings
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 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

SECTOR C - FLOOR PLAN - LEVEL 1
 SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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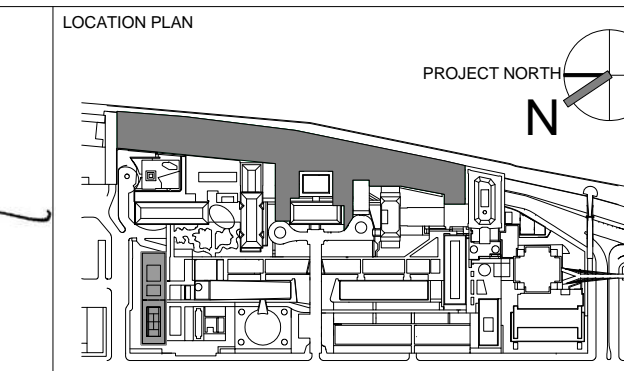
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROADWAY
 NEWARK, NJ 07102
 T. 973.286.6100

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SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
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4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

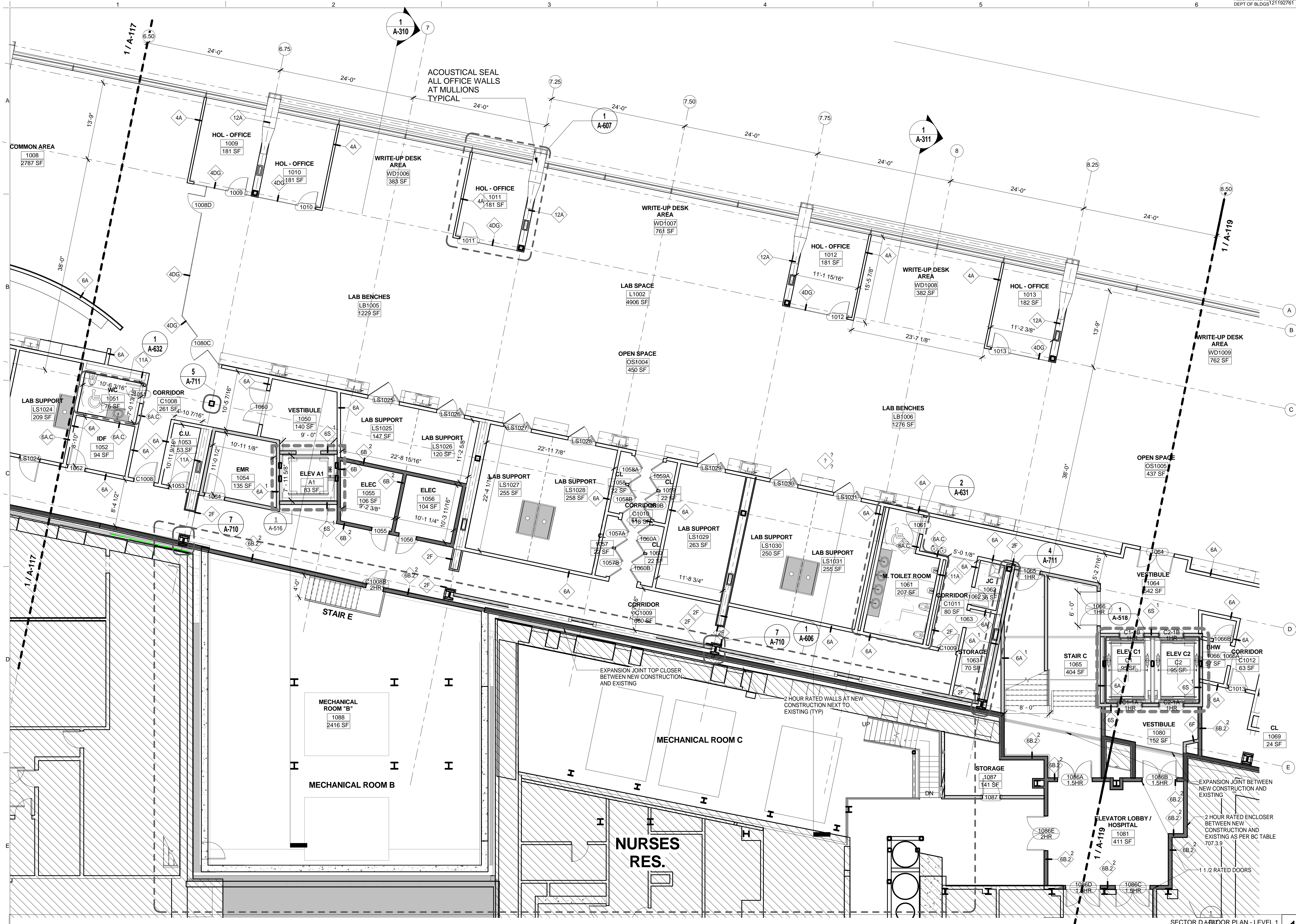
ARCHITECT'S PROJECT NUMBER
 664.100

DRAWING NUMBER
 A-117.00

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

SECTOR C - FLOOR PLAN - LEVEL 1

Sheet 49 of 315



LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 2 HOUR RATED EXTERIOR BUILDING WALLS BETWEEN NEW AND EXISTING BUILDINGS
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 - REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 - REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION



SECTOR D ABDOOR PLAN - LEVEL 1
SCALE: 1/8" = 1'-0"

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

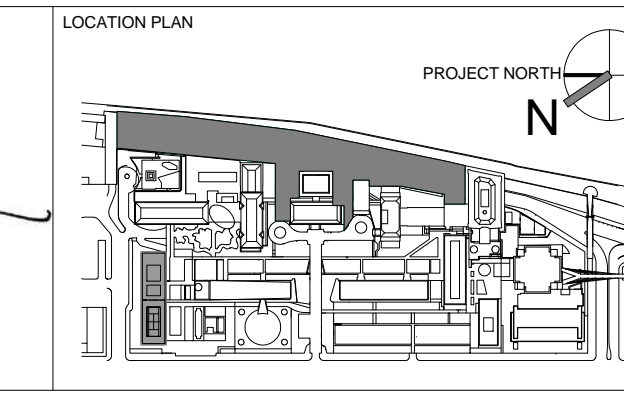
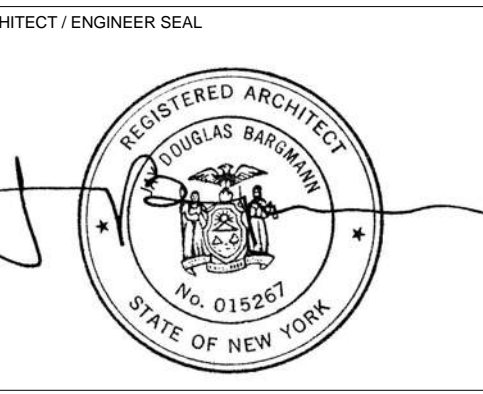
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
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T. 212.691.3248

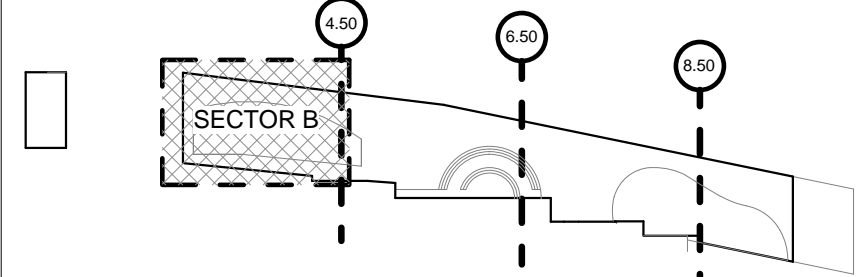


REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
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E	DOB SUBMISSION	12-MAR-15	
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4	PROGRESS SET	30-OCT-15	
5	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
SECTOR D - FLOOR PLAN - LEVEL 1

DRAWING NUMBER
A-118.00

Sheet 50 of 315



LEGEND

	NOT IN CONTRACT
	NON RATED PARTITION
	1 HOUR RATED
	2 HOUR RATED
	2 HOUR RATED EXTERIOR BUILDING WALLS BETWEEN NEW AND EXISTING BUILDINGS
	1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
	MATCH LINE

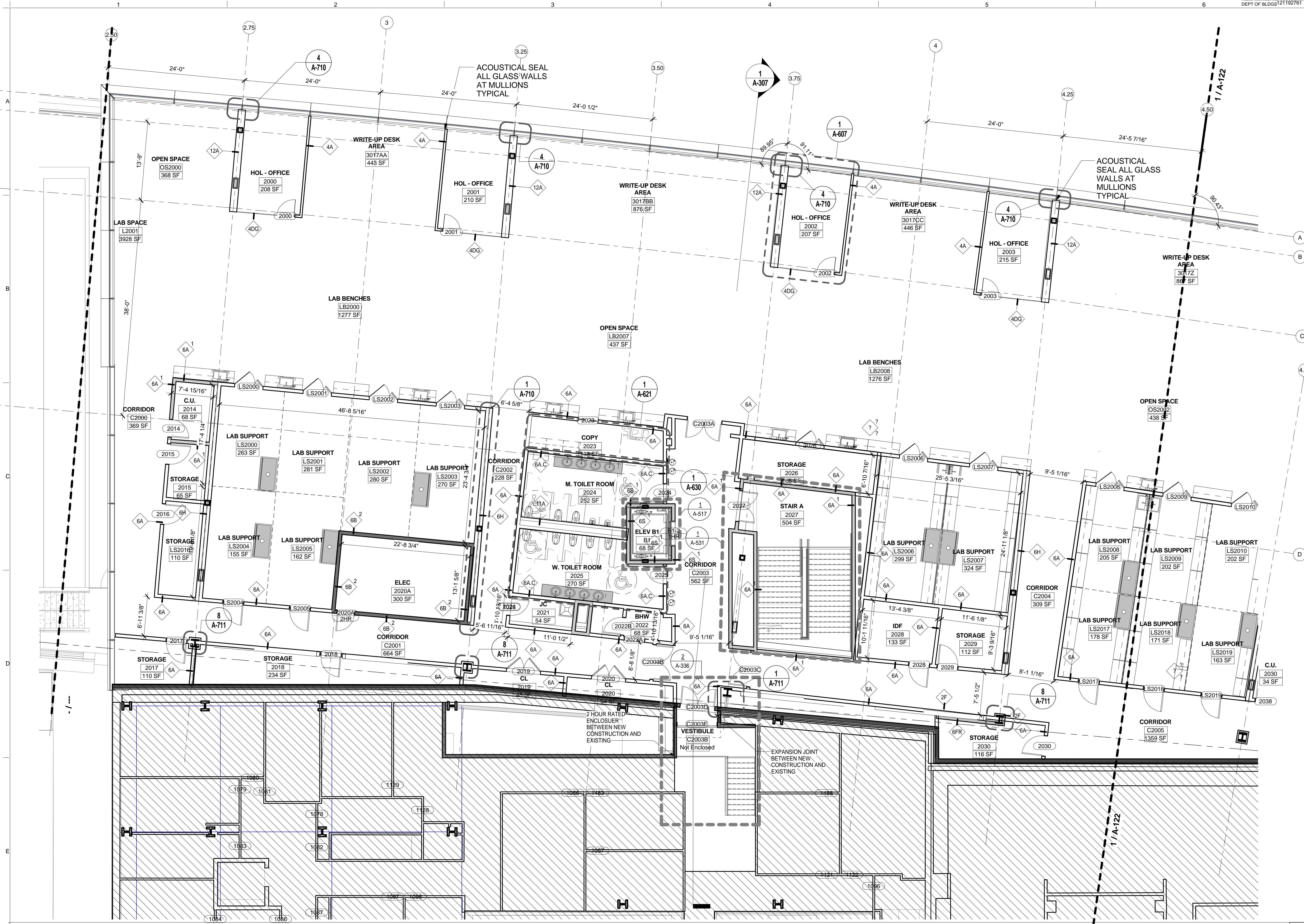
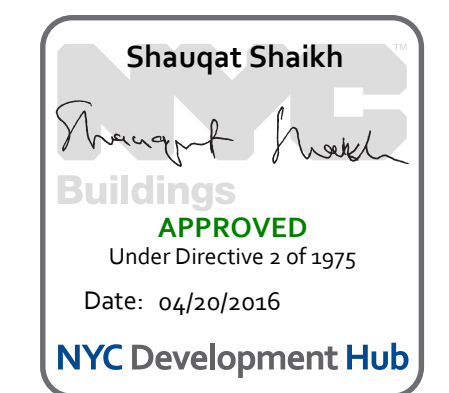
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LEVEL 1 PLUMBING FIXTURE COUNTS IN COMPLIANCE WITH NYC PC 403.1

	MEN		WOMEN	
	REQUIRED	PROPOSED	REQUIRED	PROPOSED
TOILETS	5	5	9	9
URINAL	4	4	-	-
LAVATORIES	8	8	8	8

	REQUIRED	PROPOSED
DRINKING FOUNTAINS	6	8

*ADDITIONAL 2 UNI-SEX BATHROOM PROVIDED IN COMMON AREA



SECTOR B - FLOOR PLAN - LEVEL 2
SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

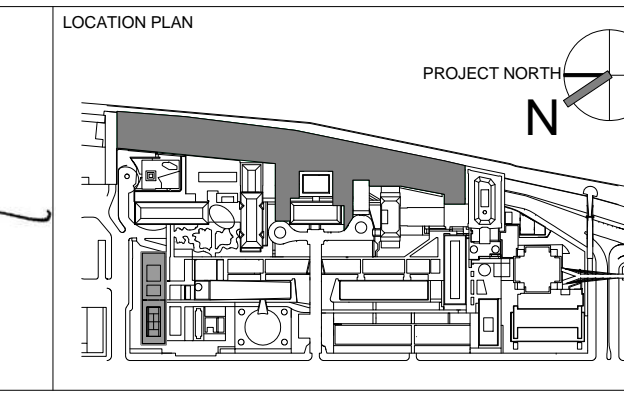
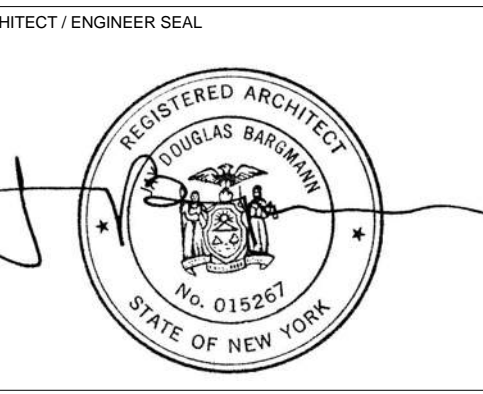
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REV

REV	DESCRIPTION	DATE
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4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECT'S PROJECT NUMBER
664.100

DRAWING TITLE
SECTOR B - FLOOR PLAN- LEVEL 2

DRAWING NUMBER
A-121.00

PROJECT PHASE
CONSTRUCTION DOCUMENTS

SECTOR B - FLOOR PLAN- LEVEL 2

A-121.00
Sheet 52 of 315

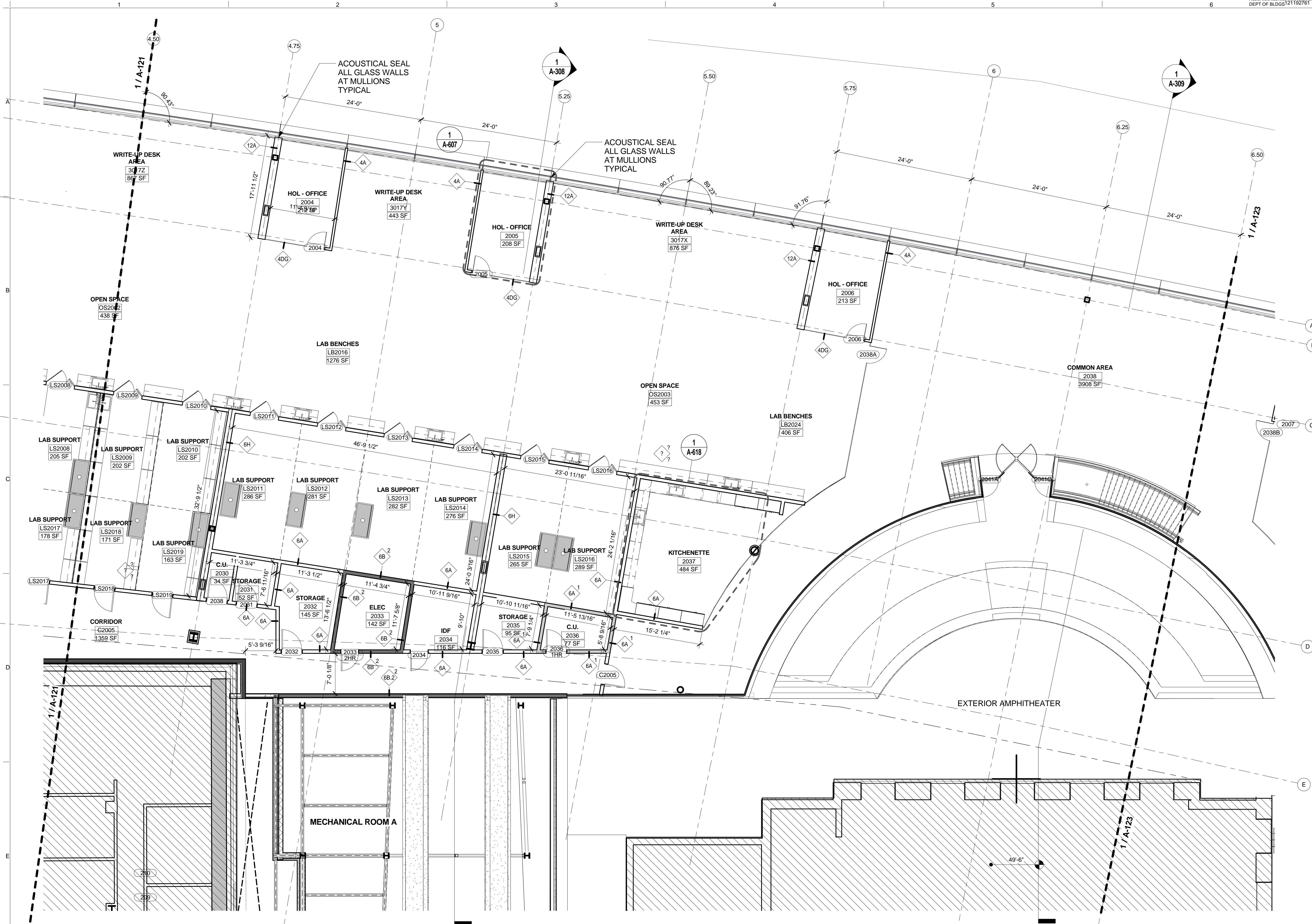
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LEGEND

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Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub



SECTOR C - FLOOR PLAN - LEVEL 2
 SCALE: 1/8" = 1'-0" 1

The Rockefeller University
 RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

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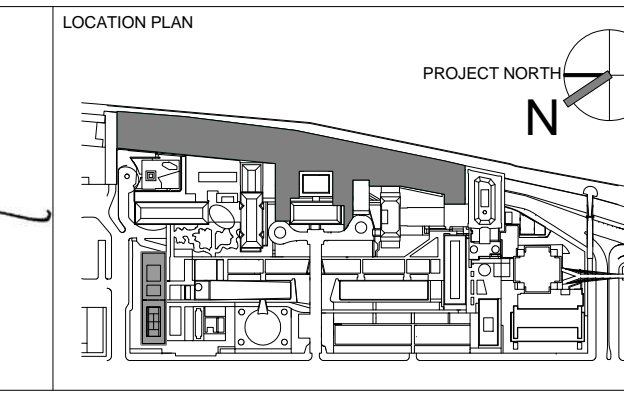
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
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ARCHITECT / ENGINEER SEAL



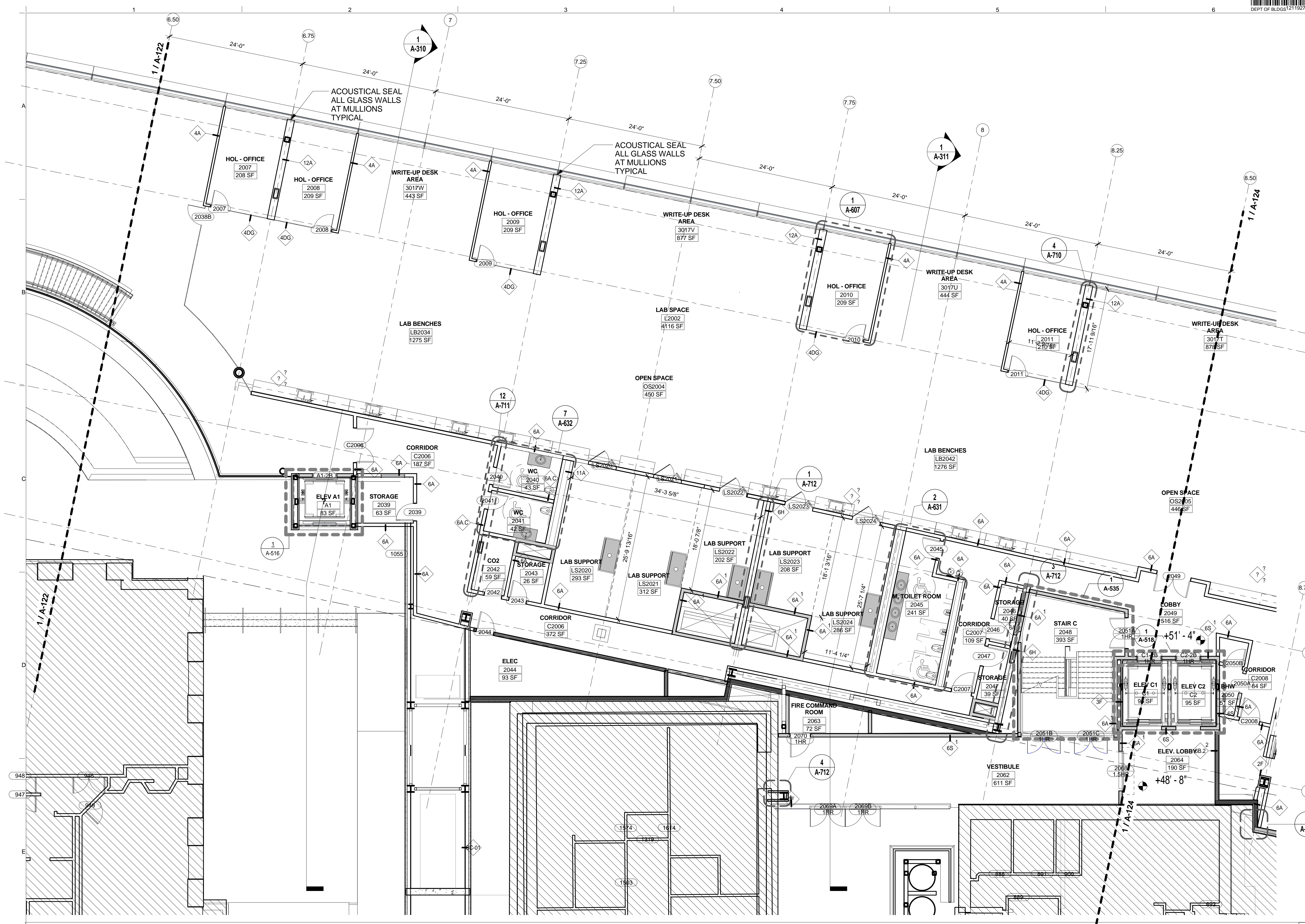
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4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	664.100
DRAWING SIZE	24" x 36"
DRAWING SCALE	1/8" = 1'-0"
PROJECT PHASE	CONSTRUCTION DOCUMENTS

DRAWING TITLE
 SECTOR C - FLOOR PLAN - LEVEL 2

DRAWING NUMBER
 A-122.00

Sheet 53 of 315



LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
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SECTOR D - FLOOR PLAN - LEVEL 2
SCALE: 1/8" = 1'-0" 1

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Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 06/30/2016
 NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
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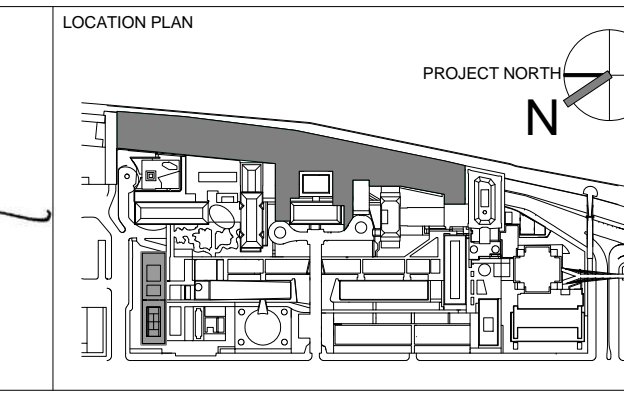
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
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MEP / FP ENGINEER
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SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
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ARCHITECT'S PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

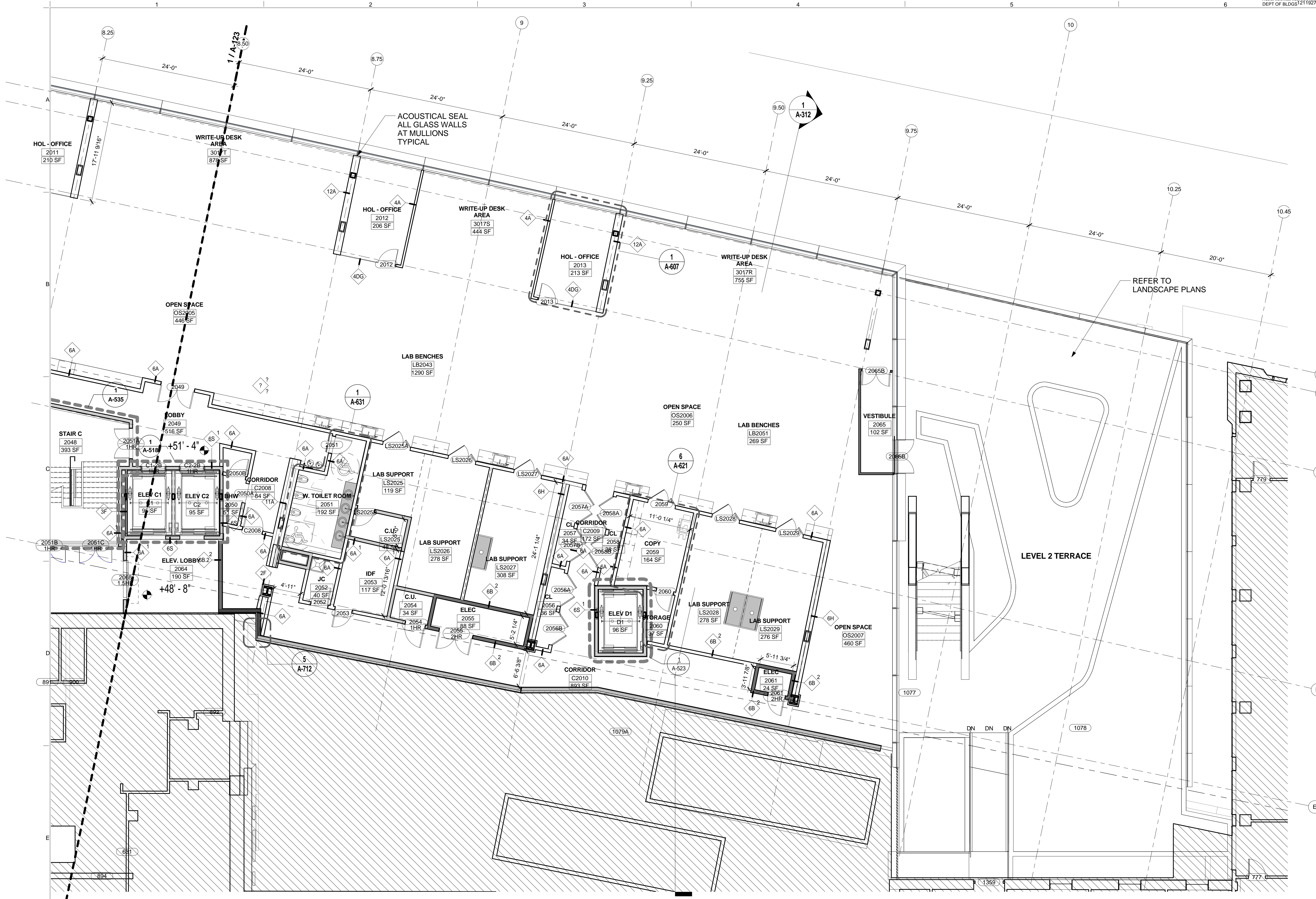
DRAWING SCALE
 1/8" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 SECTOR D - FLOOR PLAN - LEVEL 2

DRAWING NUMBER
A-123.00

Sheet 54 of 315



LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
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SECTOR E - FLOOR PLAN - LEVEL 2
SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

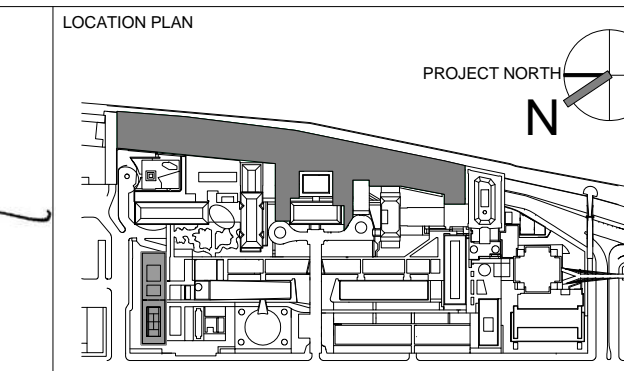
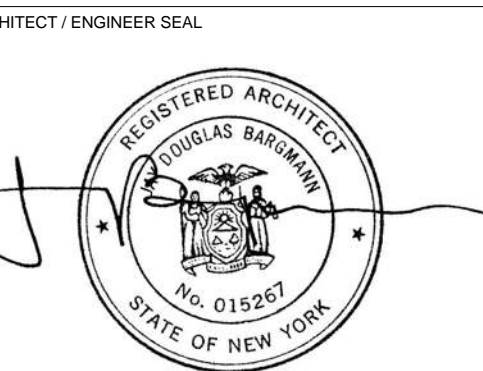
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T. 212.691.3248



REV	DESCRIPTION	DATE
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3	DOB SUBMISSION - RB	01-OCT-15
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5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING TITLE
SECTOR E - FLOOR PLAN - LEVEL 2

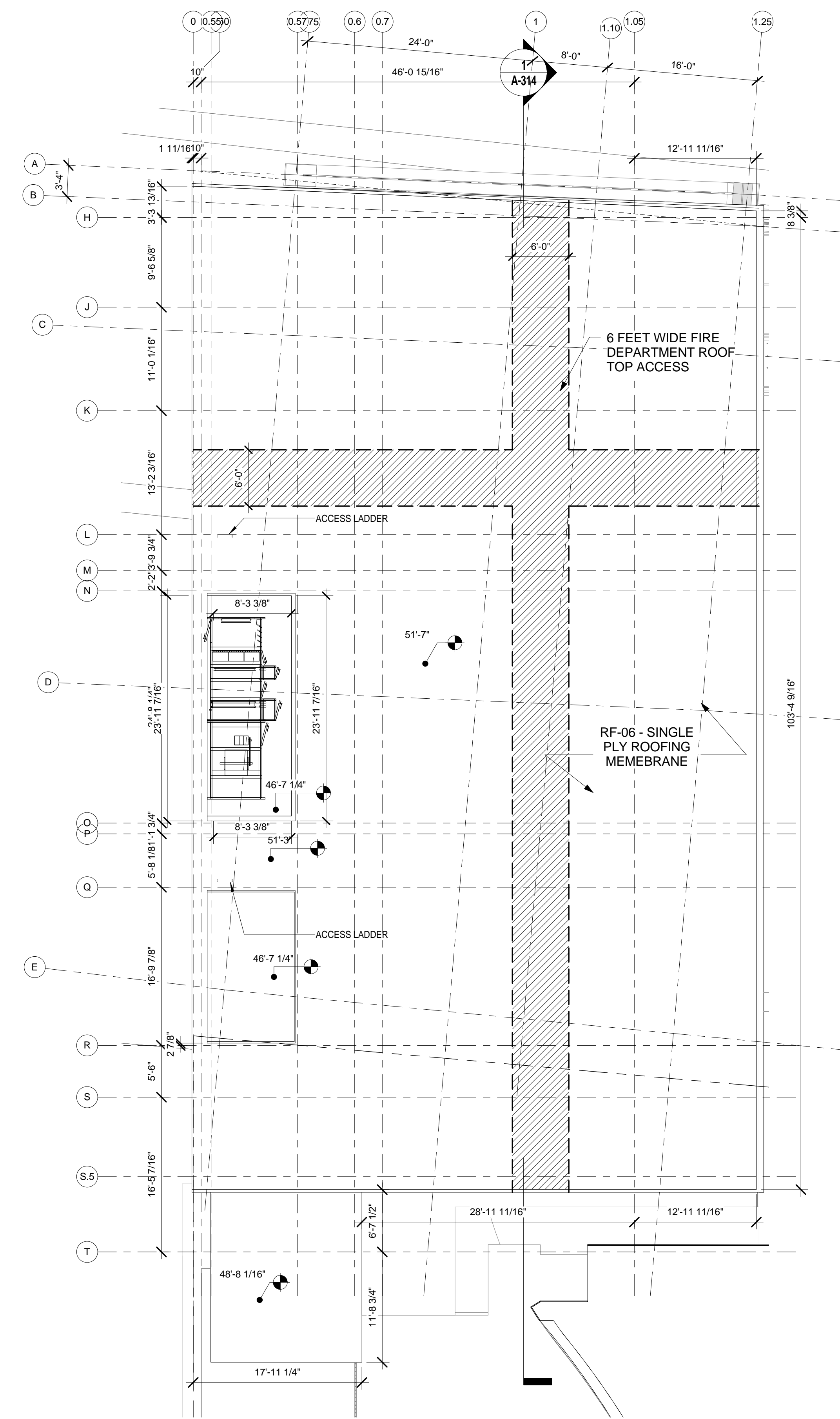
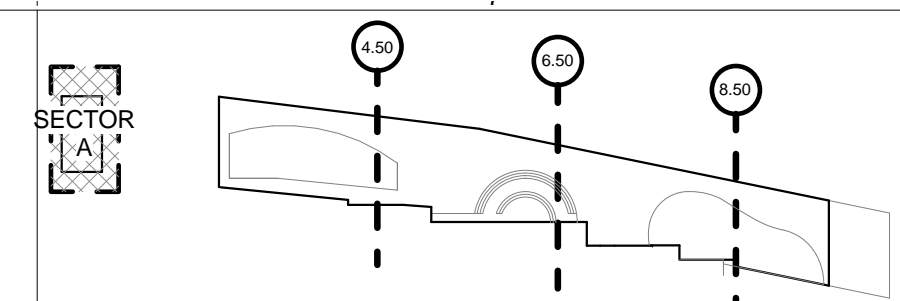
DRAWING NUMBER
A-124.00

PROJECT PHASE
CONSTRUCTION DOCUMENTS

SECTOR E - FLOOR PLAN - LEVEL 2

Sheet 55 of 315

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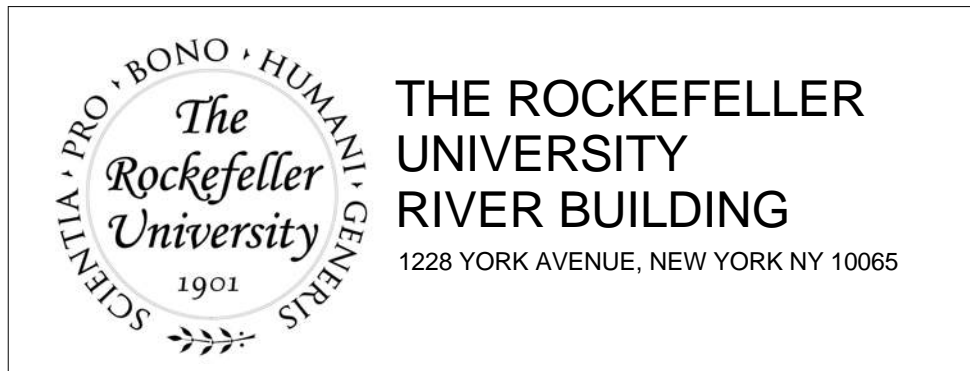


LEGEND

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- 2 HOUR RATED
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SECTOR A - FLOOR PLAN - LEVEL 3 (ICC ROOF)
SCALE: 1/8" = 1'-0" 1



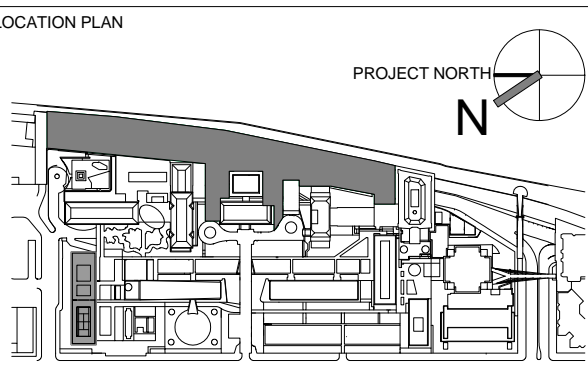
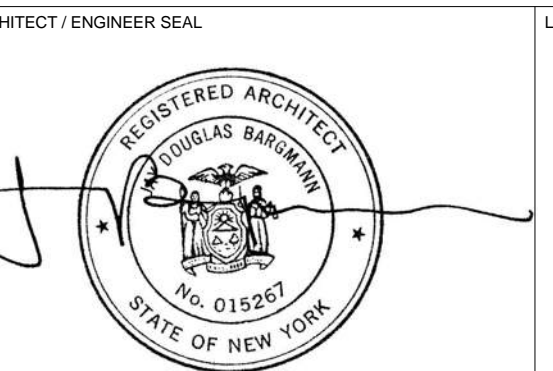
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ONE LUX STUDIO
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NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

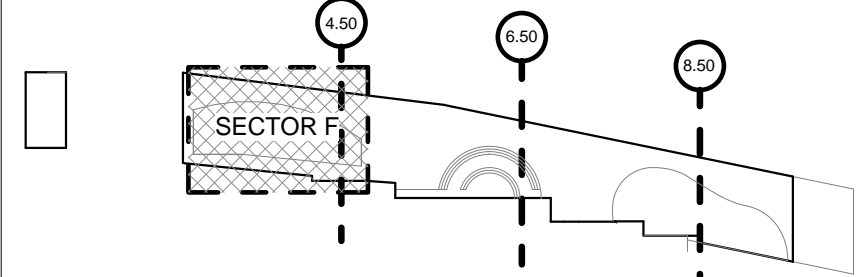


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
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E	DOB SUBMISSION	12-MAR-15	
F	DOB SUBMISSION	31-JULY-15	
1	E&F ADDENDUM	31-JULY-15	
2	DOB SUBMISSION	20-AUG-15	
3	DOB SUBMISSION - RB	01-OCT-15	
4	PROGRESS SET	30-OCT-15	
5	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
SECTOR A - FLOOR PLAN - LEVEL 3 (ICC ROOF)

DRAWING NUMBER
A-125.00

Sheet 56 of 315



LEGEND

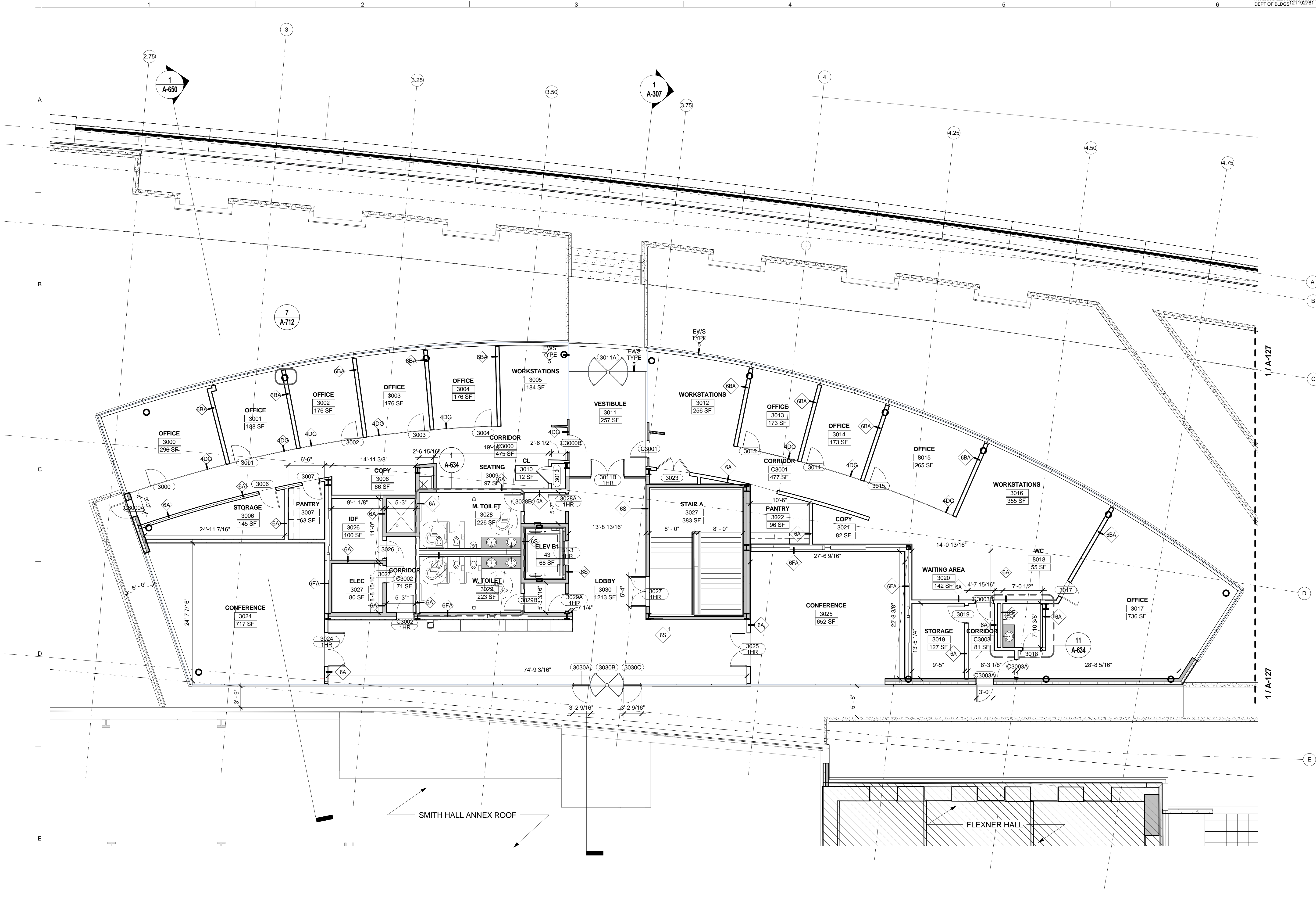
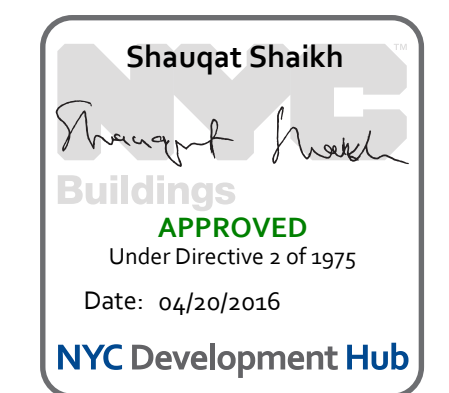
- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
- MATCH LINE

- GENERAL PLAN NOTES:**
- REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
 - REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
 - REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
 - REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
 - REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION

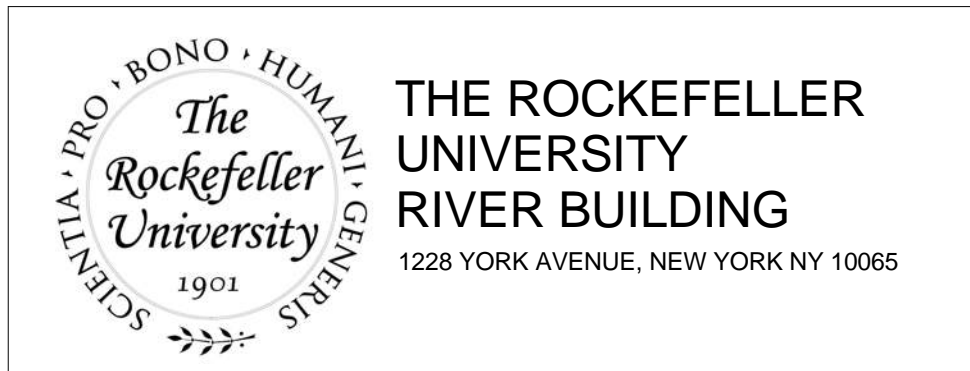
SOUTH PAVILION DINING PLUMBING FIXTURE COUNTS IN COMPLIANCE WITH NYC PC 403.1

	MEN		WOMEN	
	REQUIRED	PROPOSED	REQUIRED	PROPOSED
TOILETS	2	2	3	3
URINAL	1	1	-	-
LAVATORIES	2	2	2	2

	REQUIRED	PROPOSED
DRINKING FOUNTAINS	1	2

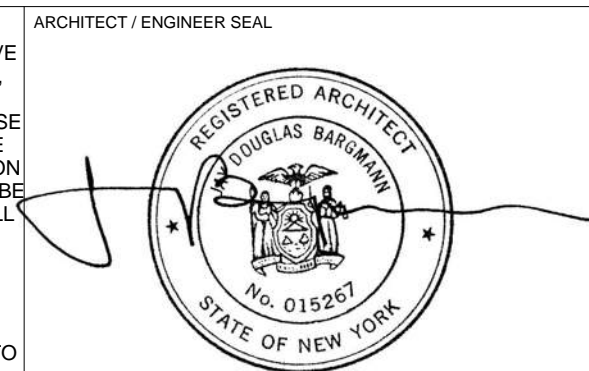


SECTOR F - FLOOR PLAN - LEVEL 3
SCALE: 1/8" = 1'-0" 1



ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUGAT SHAIKH
No. 015267
STATE OF NEW YORK



REV

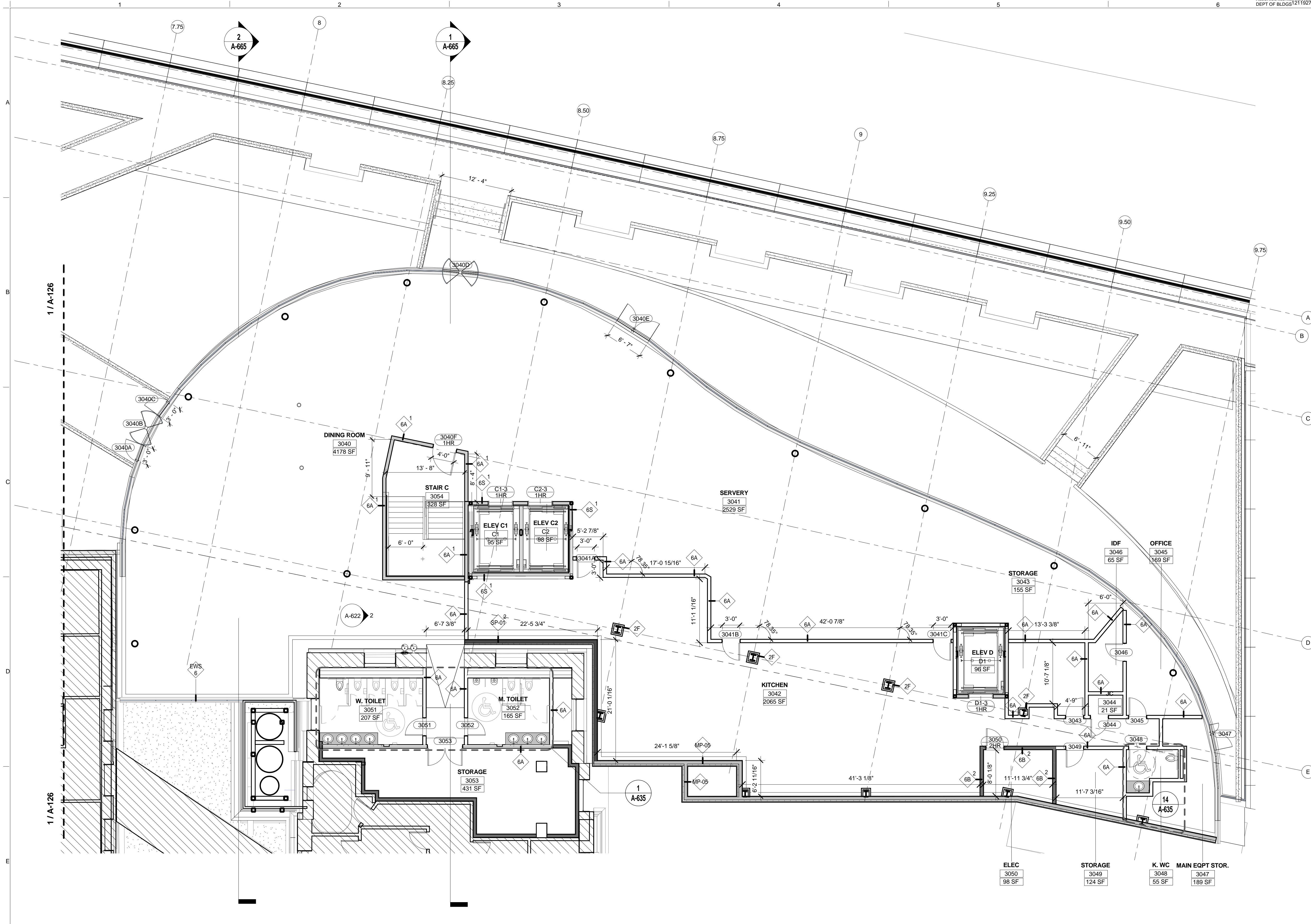
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E	DOB SUBMISSION	12-MAR-15
F	DOB SUBMISSION	31-JULY-15
1	E&F ADDENDUM	31-JULY-15
2	DOB SUBMISSION	20-AUG-15
3	DOB SUBMISSION - RB	01-OCT-15
4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING TITLE
NORTH PAVILION - PLAN- LEVEL 3

DRAWING NUMBER
A-126.00

PROJECT PHASE
CONSTRUCTION DOCUMENTS



LEGEND

- NOT IN CONTRACT
- NON RATED PARTITION
- 1 HOUR RATED
- 2 HOUR RATED
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
- MATCH LINE

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SOUTH PAVILION DINING PLUMBING FIXTURE COUNTS IN COMPLIANCE WITH NYC PC 403.1

	MEN		WOMEN	
	REQUIRED	PROPOSED	REQUIRED	PROPOSED
TOILETS	2	2	3	5
URINAL	1	2	-	-
LAVATORIES	2	3	2	4

	REQUIRED	PROPOSED
DRINKING FOUNTAINS	1	2

* ADDITIONAL 1 UNI-SEX BATHROOM PROVIDED IN KITCHEN AREA

Shauqat Shaikh
Shauqat Shaikh
Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

SECTOR G - FLOOR PLAN - LEVEL 3
 SCALE: 1/8" = 1'-0" 1

The Rockefeller University
 RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

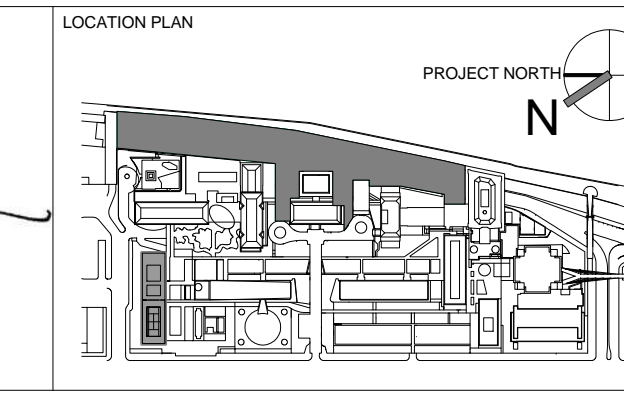
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
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 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL



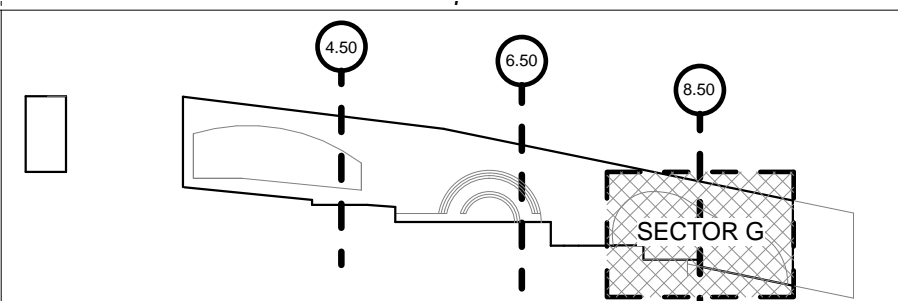
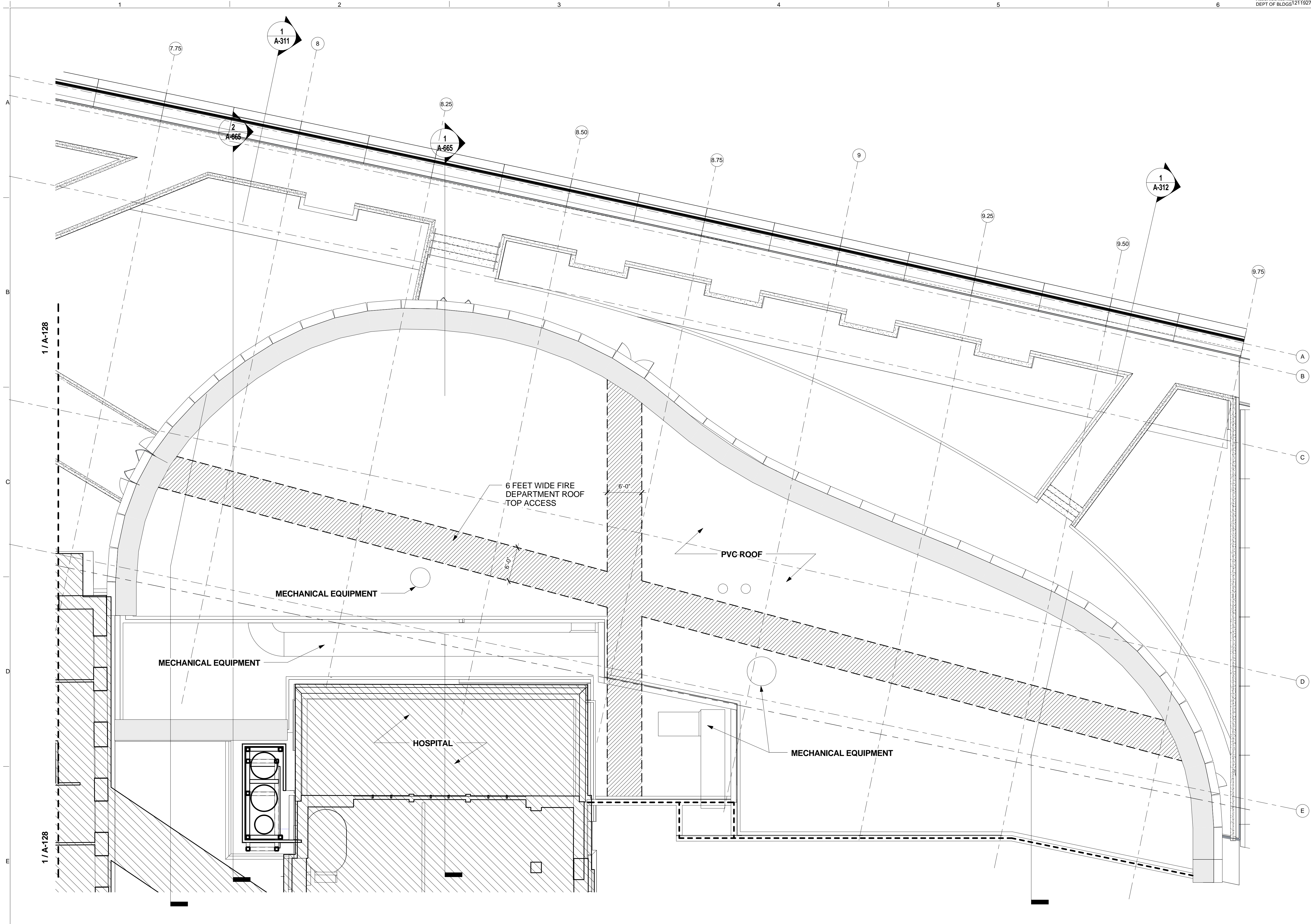
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E	DOB SUBMISSION	12-MAR-15
F	DOB SUBMISSION	31-JULY-15
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3	DOB SUBMISSION - RB	01-OCT-15
4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING TITLE
 SOUTH PAVILION - PLAN - LEVEL 3

DRAWING NUMBER
A-127.00

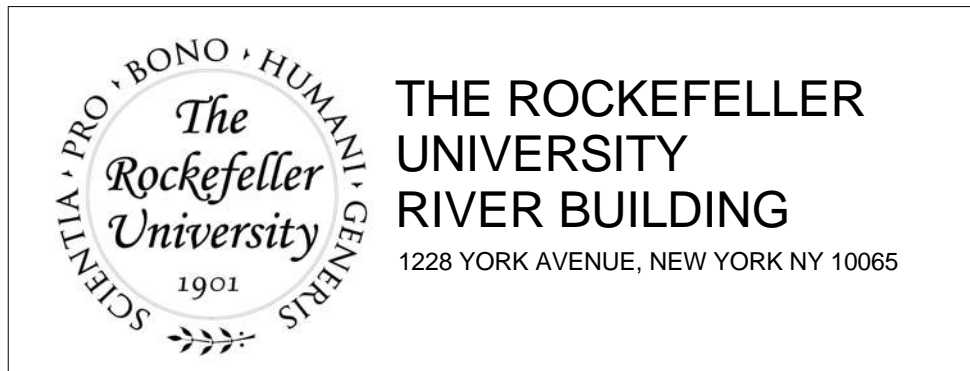
Sheet 58 of 315



- LEGEND**
- NOT IN CONTRACT
 - NON RATED PARTITION
 - 1 HOUR RATED
 - 2 HOUR RATED
 - 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
 - MATCH LINE

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 5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION

SOUTH PAVILION ROOF PLAN
SCALE: 1/8" = 1'-0" 1



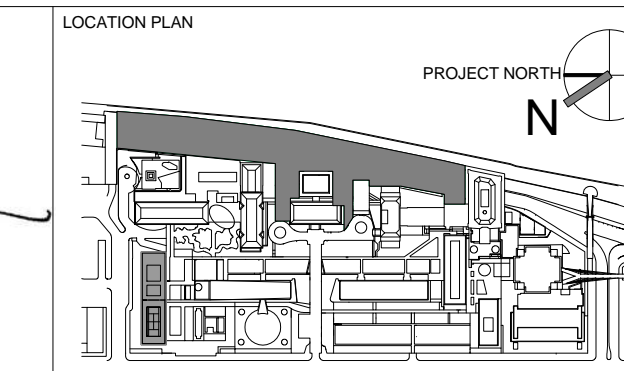
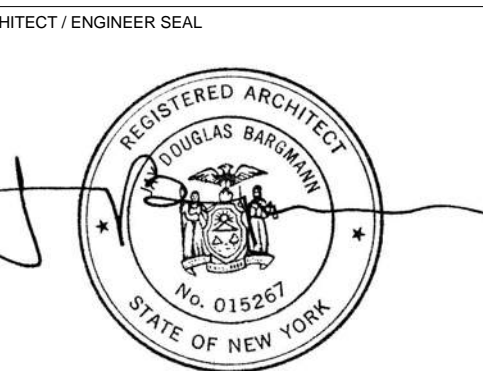
ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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NEWARK, NJ 07102
T. 973.286.6100

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NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248



REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
E	DOB SUBMISSION	12-MAR-15	
F	DOB SUBMISSION	31-JULY-15	
1	E&F ADDENDUM	31-JULY-15	
2	DOB SUBMISSION	20-AUG-15	
3	DOB SUBMISSION - RB	01-OCT-15	
4	PROGRESS SET	30-OCT-15	
5	DOB SUBMISSION - RB	16-DEC-15	

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/8" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

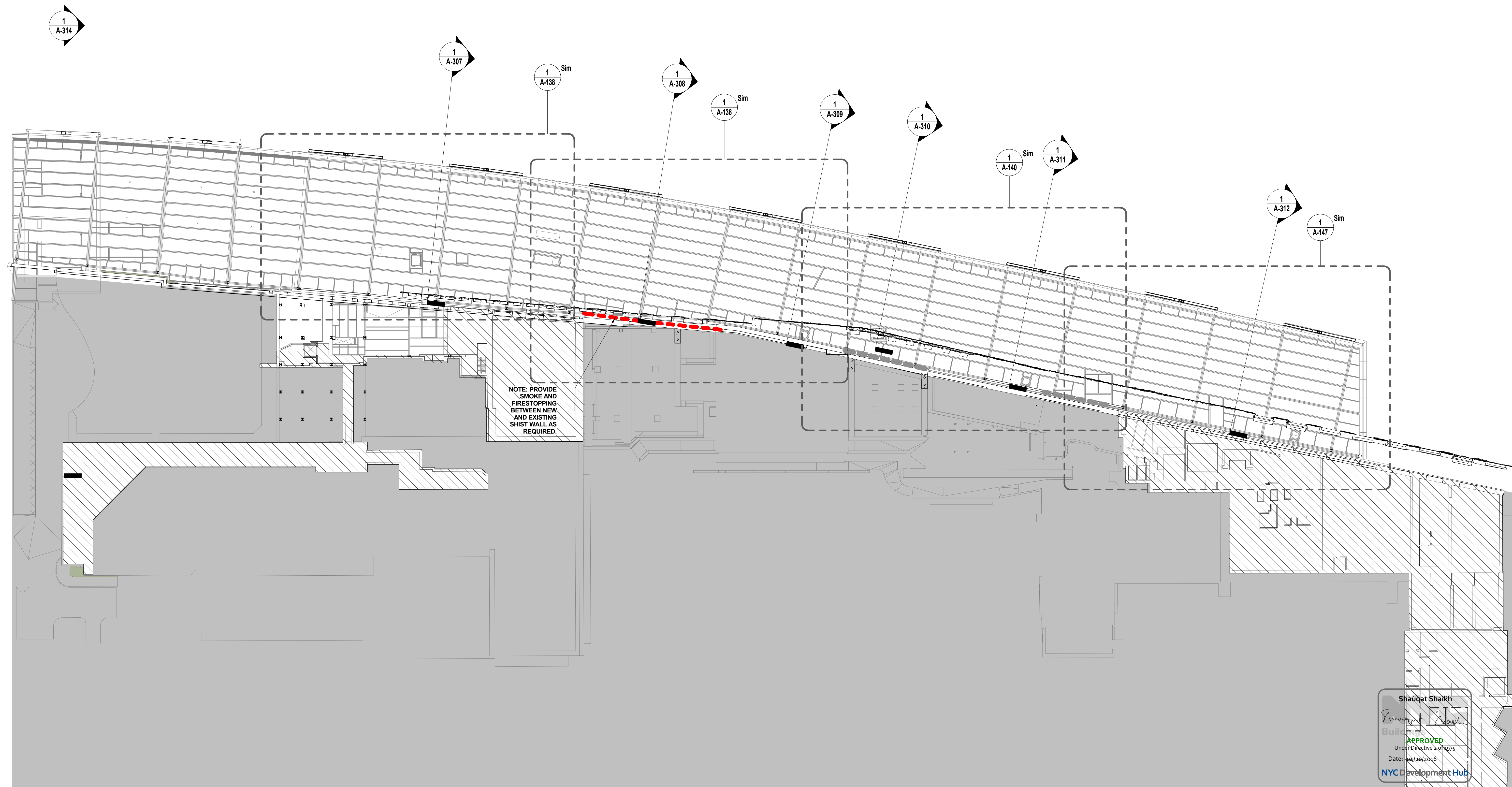
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SOUTH PAVILION - PLAN - ROOF

DRAWING NUMBER
A-129.00

Sheet 60 of 315

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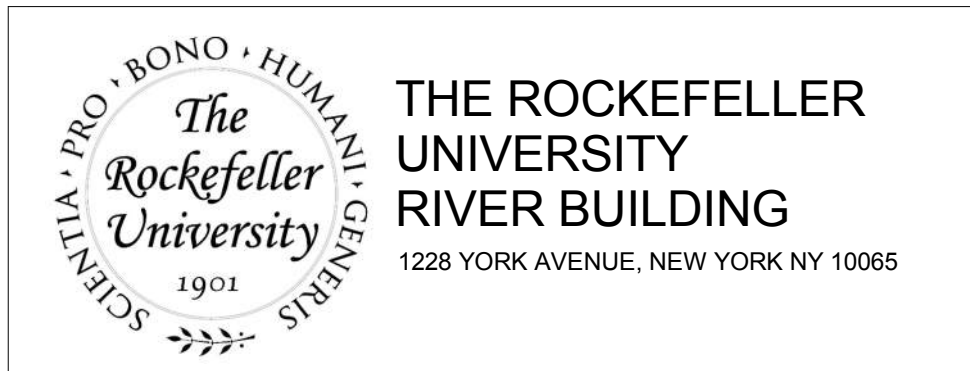
DENOTES: NOT IN CONTRACT



NOTE: PROVIDE SMOKE AND FIRESTOPPING BETWEEN NEW AND EXISTING SHIST WALL AS REQUIRED.

Shauqat Shaikh
Shauqat Shaikh
 Building
APPROVED
 Under Directive 2 of 2015
 Date: 02/20/2016
 NYC Development Hub

OVERALL - RCP - LEVEL D
 SCALE: 1/32" = 1'-0" 1



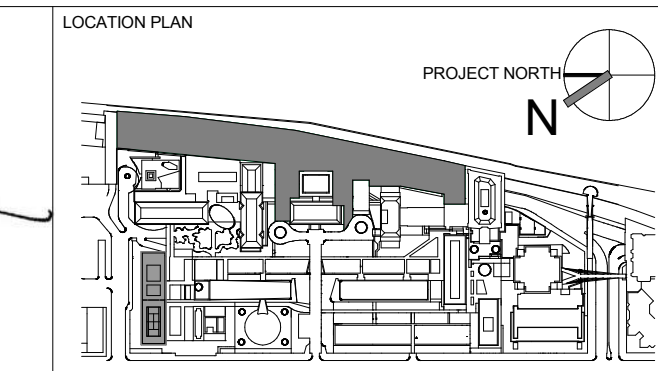
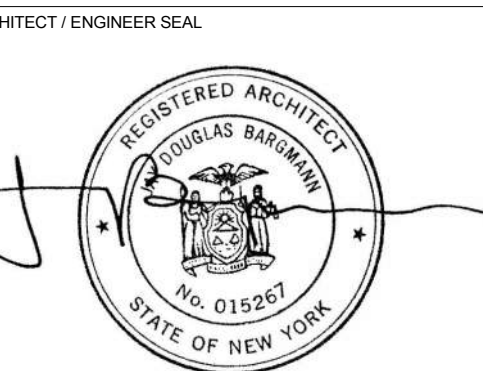
ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

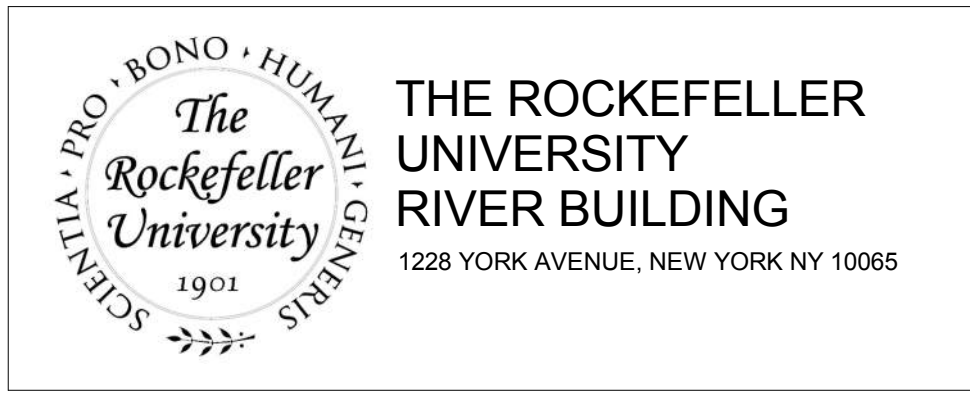
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 DRAWING SIZE
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 DRAWING SCALE
 1/32" = 1'-0"

DRAWING TITLE
**OVERALL - REFLECTED CEILING
 PLAN - LEVEL D**
 DRAWING NUMBER
A-130.00
 Sheet 61 of 315
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Shaughat Shaikh
Shaughat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub

OVERALL - RCP - LEVEL 1
 SCALE: 1/32" = 1'-0" 1



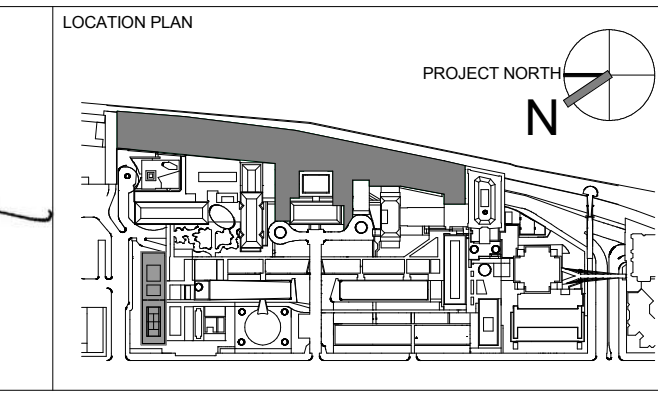
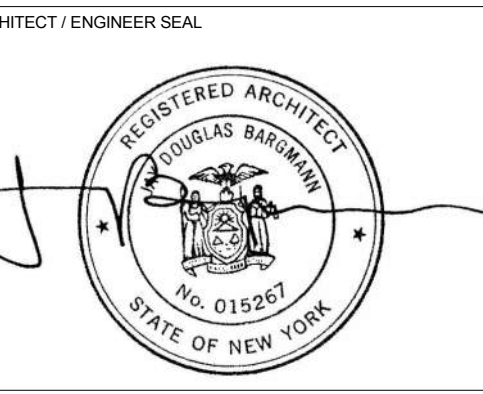
ARCHITECT
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 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
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 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
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INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

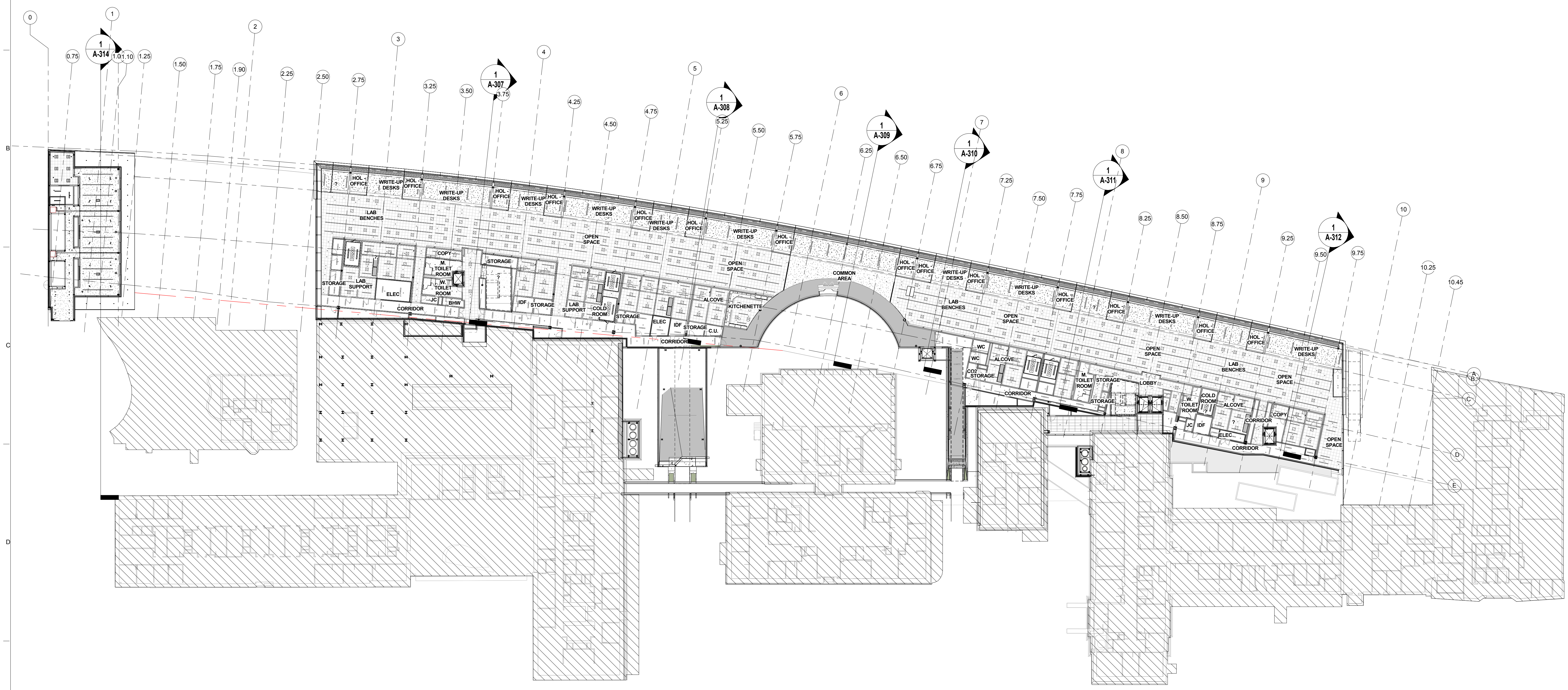


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D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/32" = 1'-0"

DRAWING TITLE
**OVERALL - REFLECTED CEILING
 PLAN - LEVEL 1**

DRAWING NUMBER
A-131.00
 Sheet 62 of 315

PROJECT PHASE
 CONSTRUCTION DOCUMENTS



Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

OVERALL - RCP - LEVEL 2
 SCALE: 1/32" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

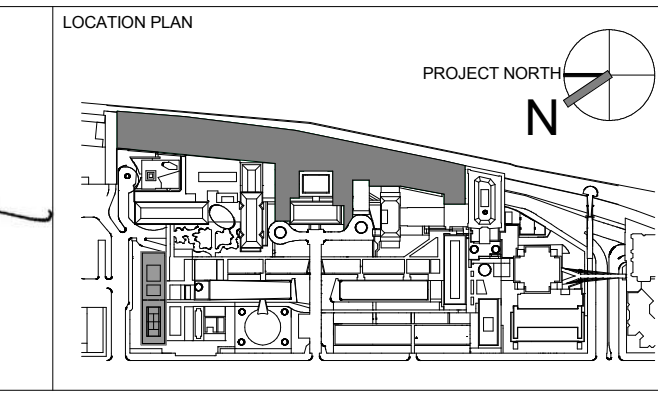
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

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 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL

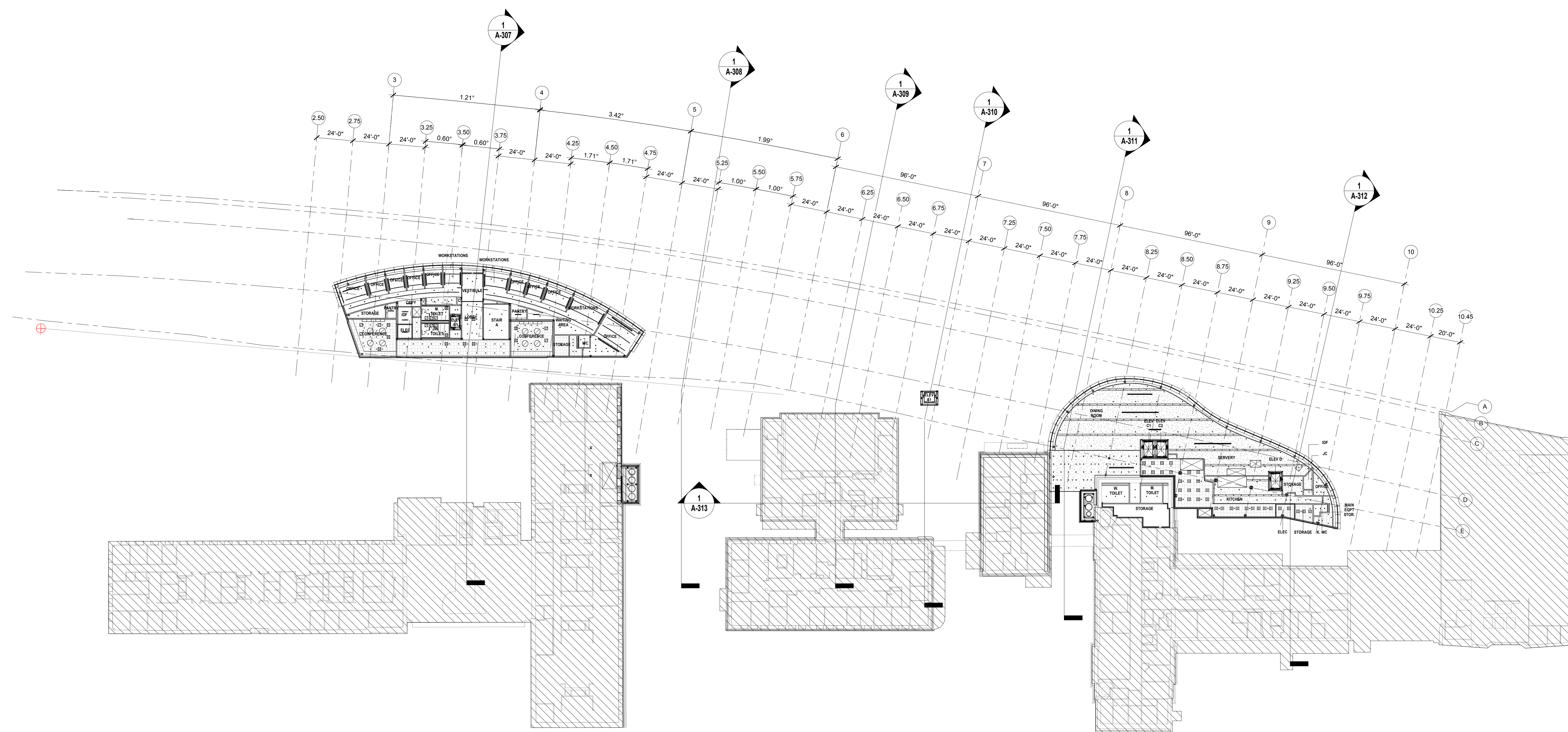


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/32" = 1'-0"

DRAWING TITLE
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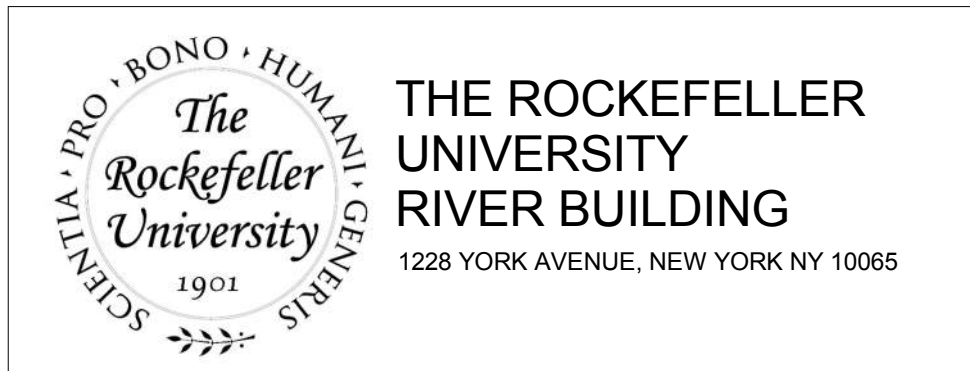
DRAWING NUMBER
A-132.00

Sheet 63 of 315



Shauqat Shaikh
Shauqat Shaikh
Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
NYC Development Hub

OVERALL - RCP - LEVEL 3
 SCALE: 1/32" = 1'-0" **1**



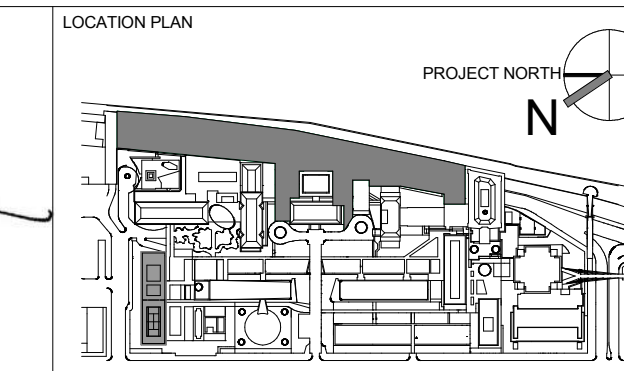
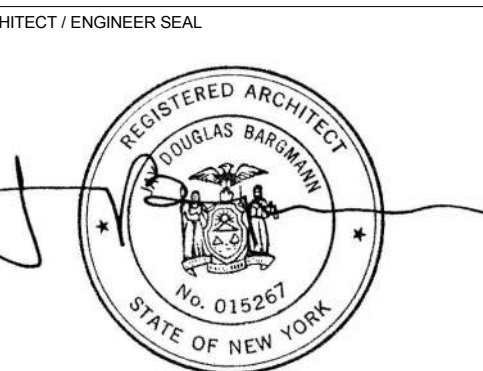
ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

STRUCTURAL ENGINEER
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 744 BROAD STREET
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INTERIOR LIGHTING DESIGNER
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 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
 T. 212.691.3248



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
0	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/32" = 1'-0"

DRAWING TITLE
 OVERALL - REFLECTED CEILING
 PLAN - LEVEL 3

DRAWING NUMBER
A-133.00
 Sheet 64 of 315
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NOTE:
REFER TO FDR SYSTEMS PACKAGE FOR FIRE PROTECTION,
LIGHTING, PLUMBING, AND MECHANICAL SYSTEMS TO BE
INSTALLED AT THIS LEVEL.



SECTOR A - RCP - LEVEL D
SCALE: 1/8" = 1'-0" 1

The Rockefeller University
1901
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THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
T. 212.924.5060 F. 212.924.5858

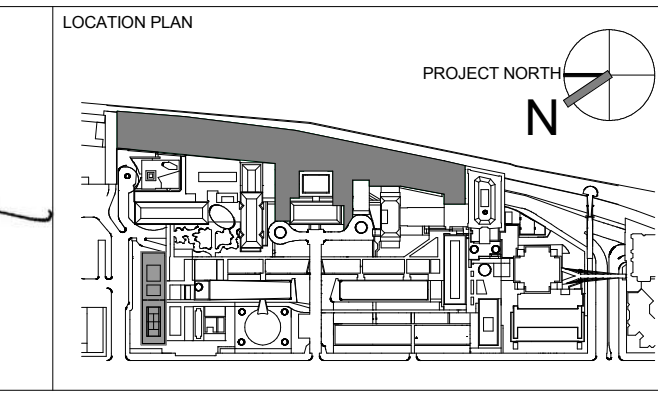
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
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INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
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ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
No. 015267
STATE OF NEW YORK



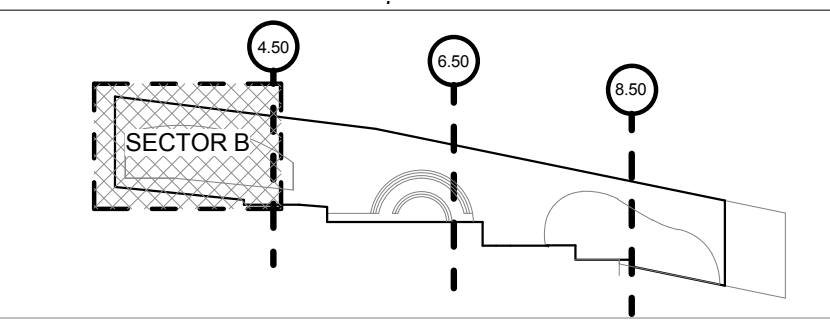
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D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
SECTOR A - RCP - LEVEL D

DRAWING NUMBER
A-134.00

Sheet 65 of 315

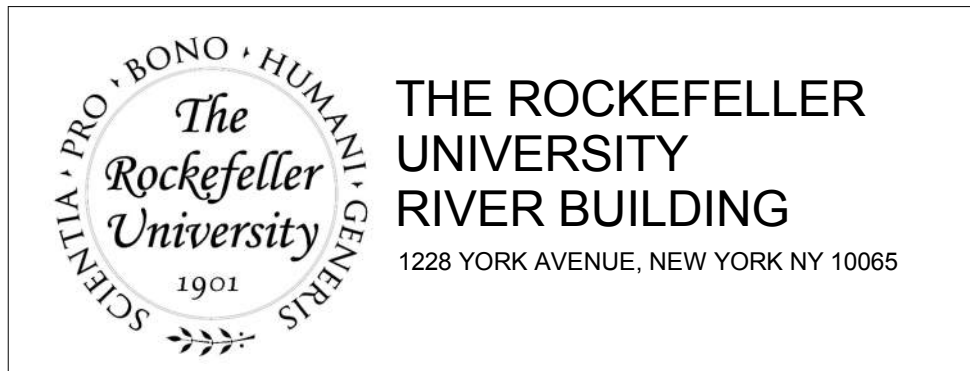
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NOTE:
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SECTOR B - RCP - LEVEL D
SCALE: 1/8" = 1'-0" 1



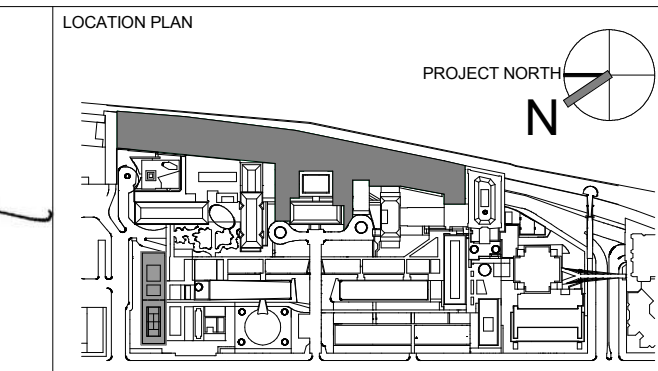
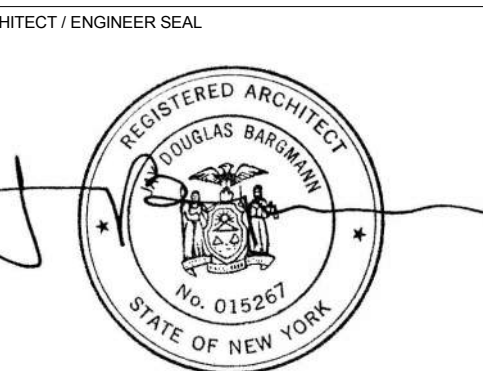
ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
T. 212.924.5060 F. 212.924.5858

STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
156 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

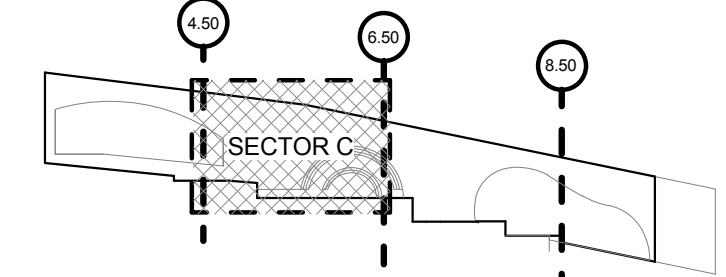
SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
SECTOR B - RCP - LEVEL D

DRAWING NUMBER
A-135.00
Sheet 66 of 315



NOTE:
REFER TO FDR SYSTEMS PACKAGE FOR FIRE PROTECTION,
LIGHTING, PLUMBING, AND MECHANICAL SYSTEMS TO BE
INSTALLED AT THIS LEVEL.



SECTOR C - RCP - LEVEL D
SCALE: 1/8" = 1'-0" 1

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Shauqat Shaikh
Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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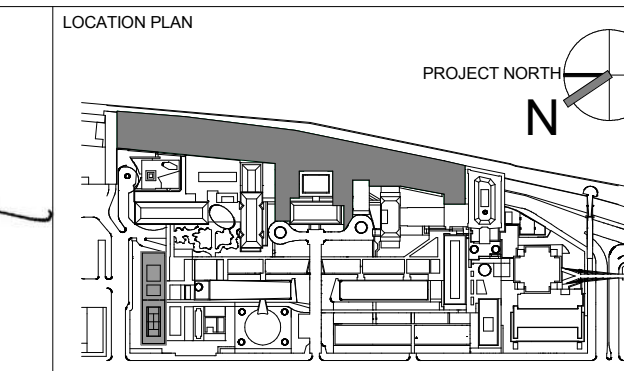
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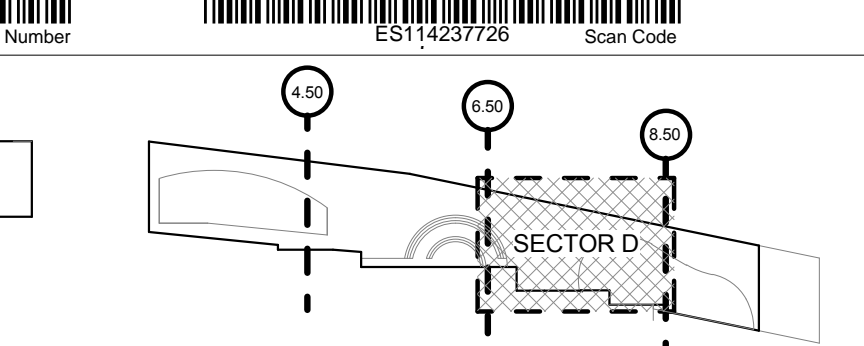
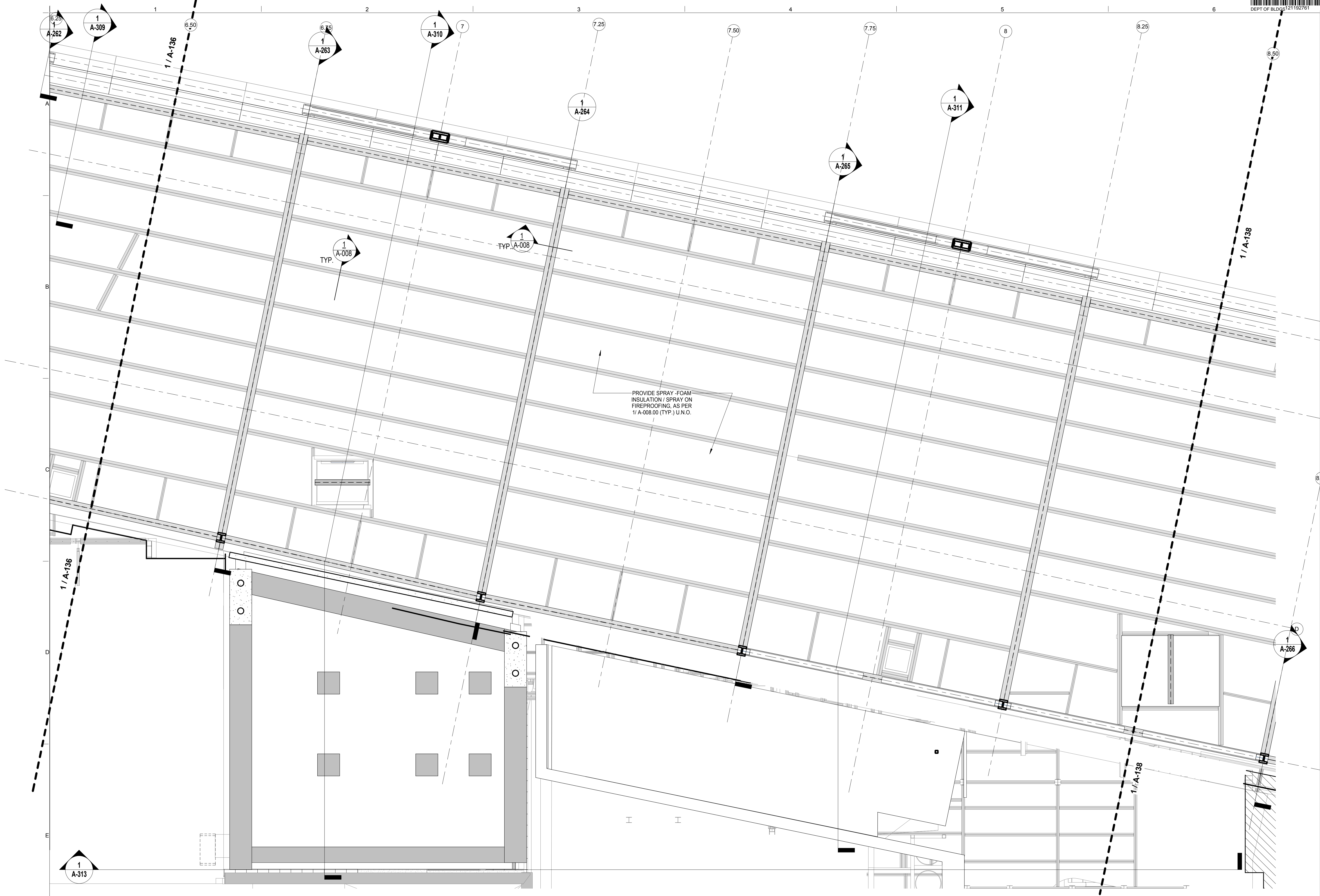
ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
RODOLPHUS BARDIMON
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
24" x 36"
DRAWING SCALE
1/8" = 1'-0"
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
SECTOR C - RCP - LEVEL D
DRAWING NUMBER
A-136.00
Sheet 67 of 315
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NOTE:
REFER TO FDR SYSTEMS PACKAGE FOR FIRE PROTECTION,
LIGHTING, PLUMBING, AND MECHANICAL SYSTEMS TO BE
INSTALLED AT THIS LEVEL.

SECTOR D - RCP - LEVEL D
SCALE: 1/8" = 1'-0"

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Shauqat Shaikh
 Buildings
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 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
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 50 VANDAM STREET
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 T. 212.924.5060 F. 212.924.5858

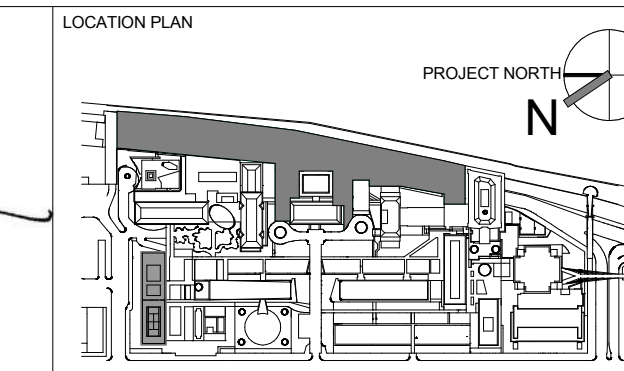
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 744 BROAD STREET
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 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL



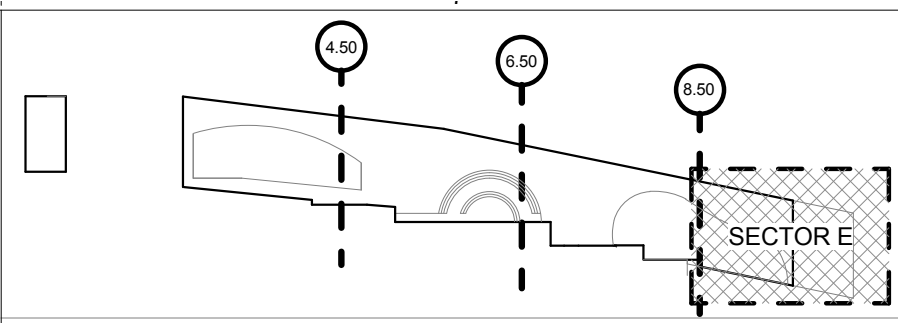
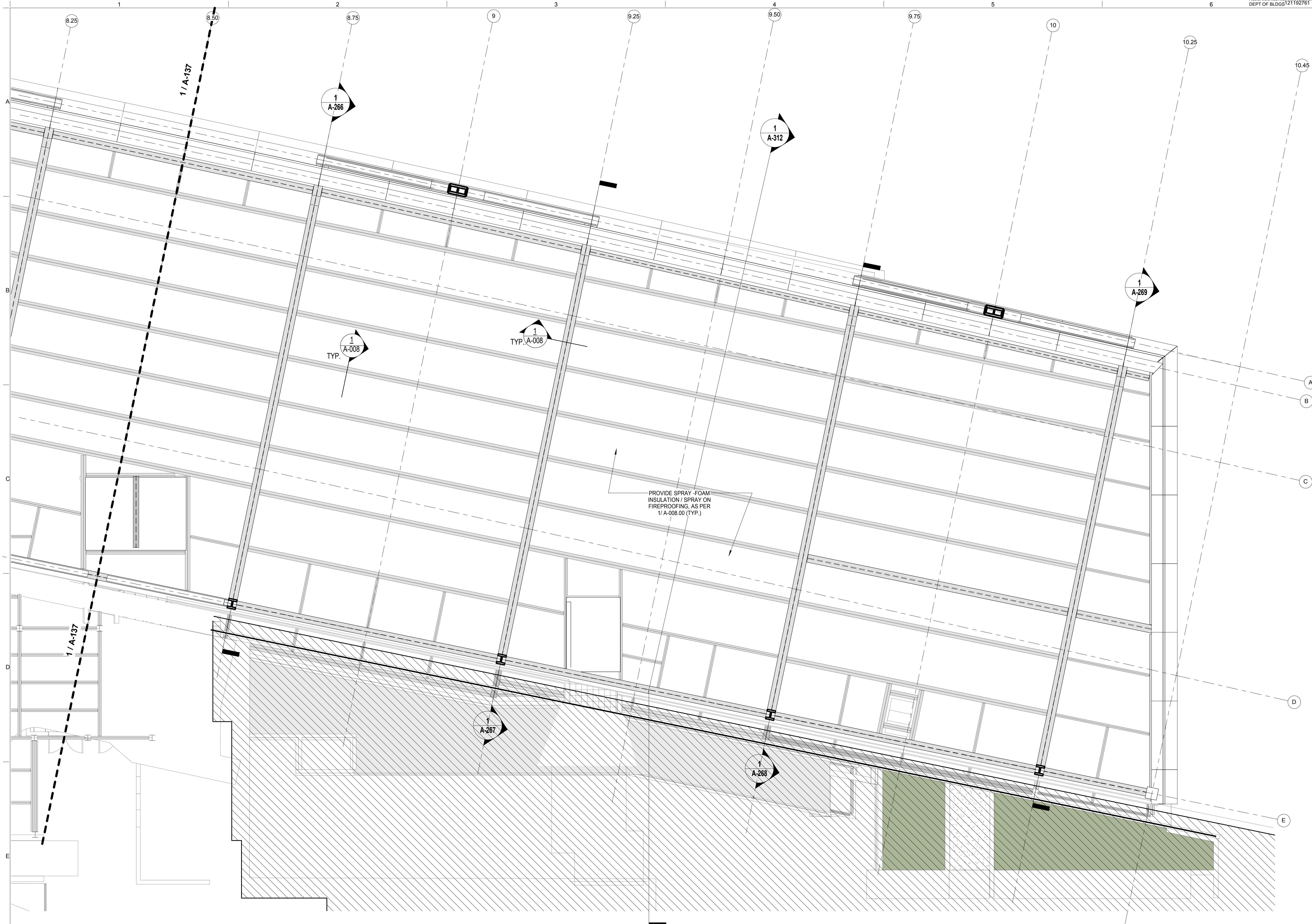
REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/8" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
SECTOR D - RCP - LEVEL D

DRAWING NUMBER
A-137.00

Sheet 68 of 315



SECTOR E - RCP - LEVEL D
SCALE: 1/8" = 1'-0" 1

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 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

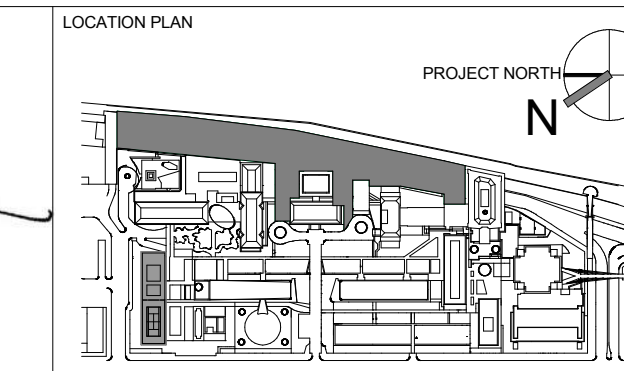
STRUCTURAL ENGINEER
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MEP / FP ENGINEER
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INTERIOR LIGHTING DESIGNER
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SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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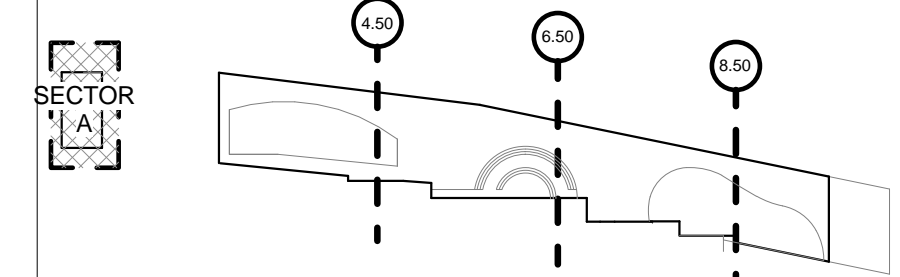
ARCHITECT / ENGINEER SEAL



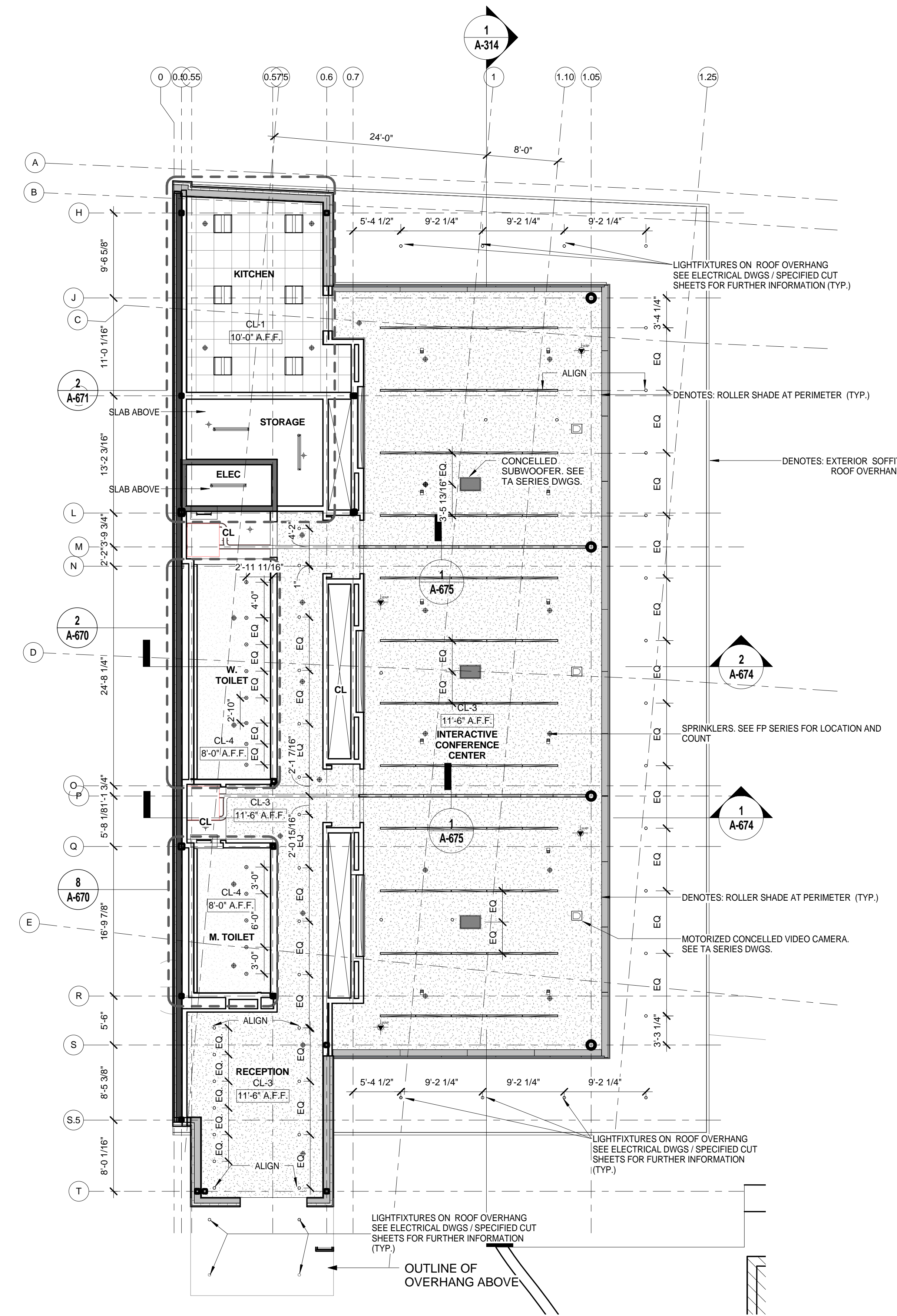
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D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
SECTOR E - RCP - LEVEL D

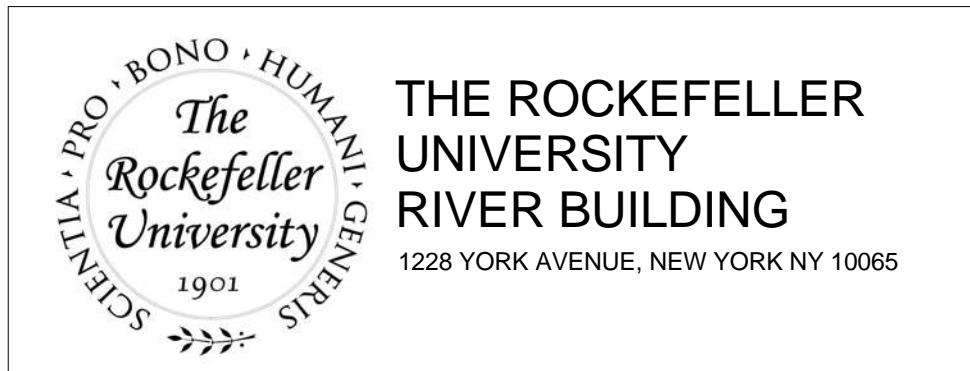
DRAWING NUMBER
A-138.00
 Sheet 69 of 315



NOTES:
 1. FOR LIGHT FIXTURE LEGEND REFER TO ELECTRICAL DRAWINGS/ SPECIFIED CUT SHEETS FOR FURTHER INFORMATION
 2. FOR SITE LIGHTS SEE CIVIL AND ELECTRICAL DWGS.
 3. PROVIDE ROLLER WINDOW SHADE AT PERIMETER CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS.
 BASIS OF DESIGN:
 MECHOSHADE SYSTEMS INC.
 "SINGLE SHADE" AT LEVEL 1 & LEVEL 2.
 "DOUBLE SHADE" ICC
 "SINGLE/DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION
 4. PROVIDE RADIANT PANELS 24"X6"W AT PERIMETER OF EXTERIOR CURTAIN WALL LOCATION (TYP.) ICC NOT TO RECEIVE RADIANT PANELING.
 BASIS OF DESIGN:
 PRICE RADIANT PANEL RP SERIES

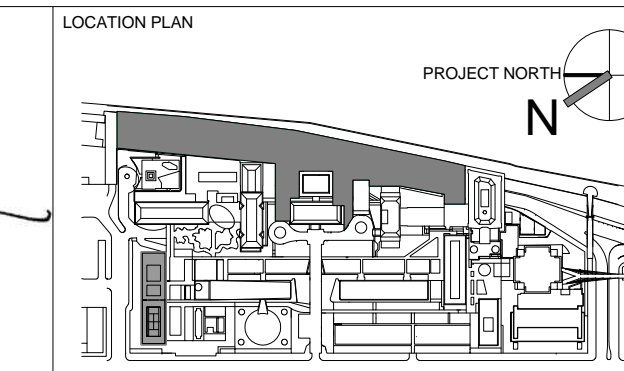
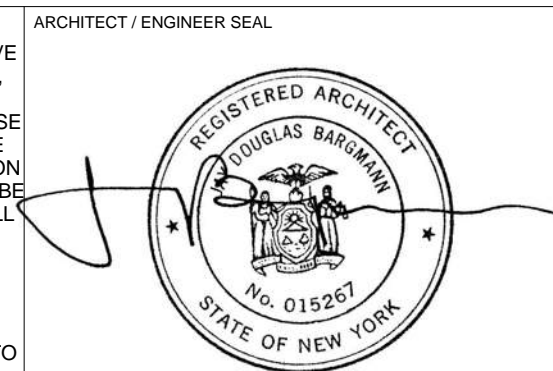


SECTOR A - RCP - LEVEL 1
 SCALE: 1/8" = 1'-0" 1



ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060
CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL. NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.201.5790

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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE	
SECTOR A - RCP - LEVEL 1 (ICC)	
DRAWING NUMBER	DOB REV.
A-139.00	
Sheet 70 of 315	



Legend

- 2'-0" X 2'-0" ACT. CL-1: "ARMSTRONG" - OPTIMA LAY IN TILE W/ SILOUETTE XL 9/16" BOLT SLOT- 1/8" REVEAL
- CL-2: "ARMSTRONG" CLEAN ROOM FL. SQUARE LAY-IN 15/16" 24"x24"
- CL-3 SEAMLESS ACUSTICAL PLASTER CEILING
- CL-4 GYPSUM BOARD CEILING (PAINTED)
- CL-5 ACOUSTICAL METAL TILE
- EXPOSED CEILING PAINTED
- 2x2 FLUSH GYPSUM ACCESS PANEL
- SPRINKLER HEAD
- SLOPE UP: DENOTES: SLOPED GYP. CEILING- COORDINATE WITH SECTIONS FOR SLOPE
- EXIT SIGN WITH BATTERY BACKUP SHADING INDICATES ILLUMINATED FACE. ARROW INDICATES DIRECTION OF EGRESS.
- DENOTES: FUME HOOD. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION

NOTES:

- REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPTACLE SYMBOL LIST
- REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
- PROVIDE ROLLER WINDOW SHADE AT PERIMETER CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS. REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.

BASIS OF DESIGN:

- MECHOSHADE SYSTEMS INC. "SINGLE SHADE" AT LEVEL 1 & LEVEL 2. "DOUBLE SHADE" ICC
- "SINGLE/DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION-
- PROVIDE RADIANT PANELS 24"X8"W FULL LENGTH AT "EAST CURTAINWALL LOCATION (TYP.) RCP PLANS SHOW DIAGRAMMATIC LAYOUT FOR INTENT.

BASIS OF DESIGN:

- PRICE RADIANT PANEL RP SERIES
- WHERE ACT CEILING INTERSECTS AN OPEN CEILING AS SHOWN ON PLAN, CONTRACTOR TO PROVIDE GYP. BD SOFFIT AS DEPICTED ON 14/A-772.

RCP LEGEND SCALE: 1/8" = 1'-0"

SECTOR B - RCP - LEVEL 1 SCALE: 1/8" = 1'-0"



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

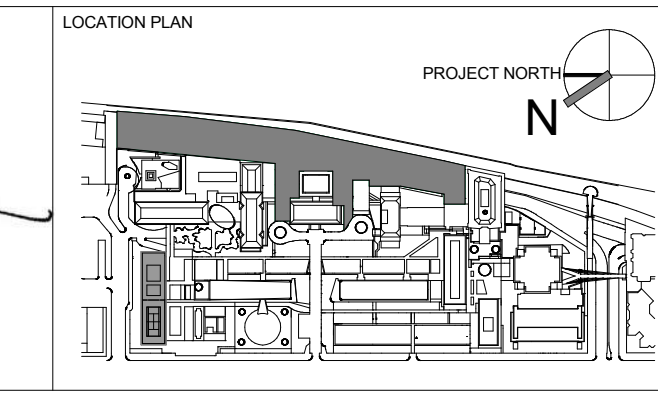
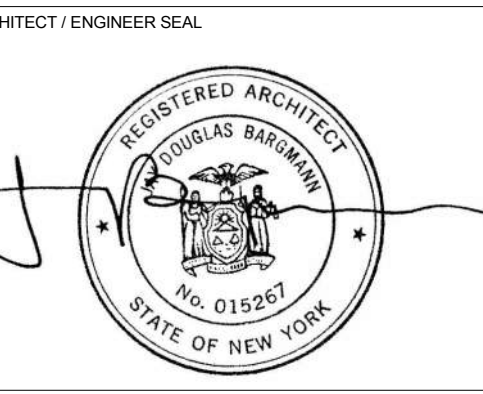
ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
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STRUCTURAL ENGINEER
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MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
 T. 212.201.5790

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
 SECTOR B - RCP - LEVEL 1

DRAWING NUMBER
 A-140.00

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1/8" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS



CL-1 "ARMSTRONG" - OPTIMA LAY IN TILE W/ SILOHETTE XL 9/16" BOLT SLOT- 1/8" REVEAL
 CL-2 "ARMSTRONG" CLEAN ROOM FL. SQUARE LAY-IN 15/16" 24"x24"
 CL-3 SEAMLESS ACUSTICAL PLASTER CEILING
 CL-4 GYPSUM BOARD CEILING (PAINTED)
 CL-5 ACOUSTICAL METAL TILE
 EXPOSED CEILING PAINTED
 2x2 FLUSH GYPSUM ACCESS PANEL
 SPRINKLER HEAD
 SLOPE UP
 DENOTES: SLOPED GYP. CEILING. COORDINATE WITH SECTIONS FOR SLOPE
 EXIT SIGN WITH BATTERY BACKUP. SHADING INDICATES ILLUMINATED FACE. ARROW INDICATES DIRECTION OF EGRESS.
 DENOTES: FUME HOOD. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION

NOTES:
 1. REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPTACLE SYMBOL LIST
 2. REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
 3. PROVIDE ROLLER WINDOW SHADE AT PERIMETER CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS. REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.
 BASIS OF DESIGN:
 MECHOSHADE SYSTEMS INC.
 "SINGLE SHADE" AT LEVEL 1 & LEVEL 2.
 "DOUBLE SHADE" ICC
 "SINGLE DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION.
 4. PROVIDE RADIANT PANELS 24"X24" W/ "FULL LENGTH AT EAST CURTAINWALL LOCATION (TYP.) RCP PLANS SHOW DIAGRAMMATIC LAYOUT FOR INTENT.
 BASIS OF DESIGN:
 PRICE RADIANT PANEL RP SERIES
 5. WHERE ACT CEILING INTERSECTS AN OPEN CEILING AS SHOWN ON PLAN, CONTRACTOR TO PROVIDE GYP. BD SOFFIT AS DEPICTED ON 14/A-772.

RCP LEGEND
SCALE: 1/8" = 1'-0"

SECTOR C - RCP - LEVEL 1
SCALE: 1/8" = 1'-0" 1



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

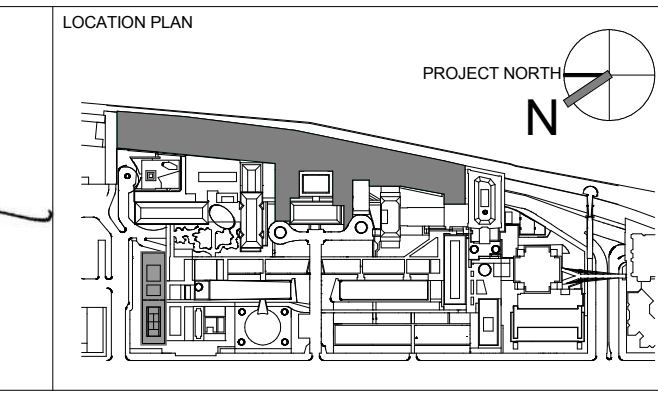
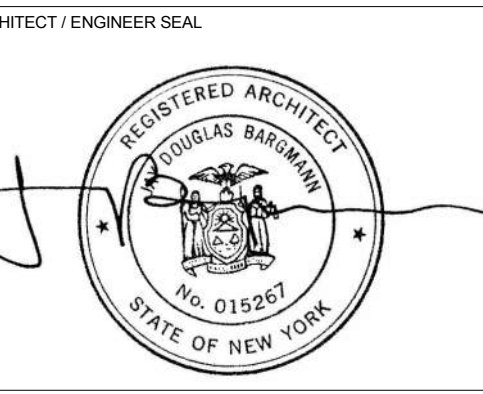
ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
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MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
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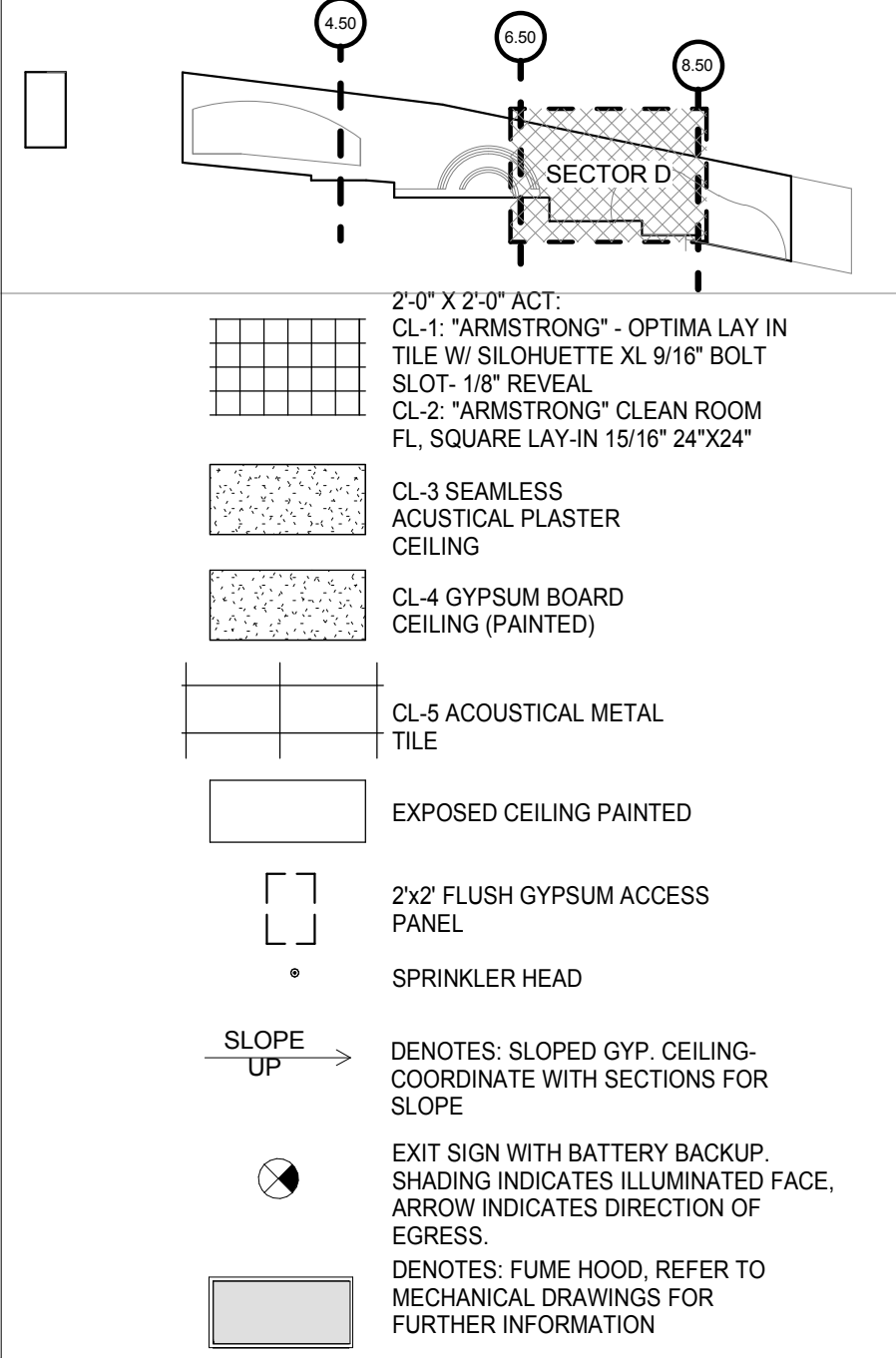
INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
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SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, SUITE 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248



REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/8" = 1'-0"

ARCHITECTS PROJECT NUMBER
 664.100
DRAWING TITLE
 SECTOR C - RCP - LEVEL 1
DRAWING NUMBER
 A-141.00
 SHEET 72 OF 315



FOR MECHANICAL ROOM LIGHTING-REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION

FOR MECHANICAL ROOM LIGHTING-REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION

SECTOR D - RCP - LEVEL 1
SCALE: 1/8" = 1'-0" 1

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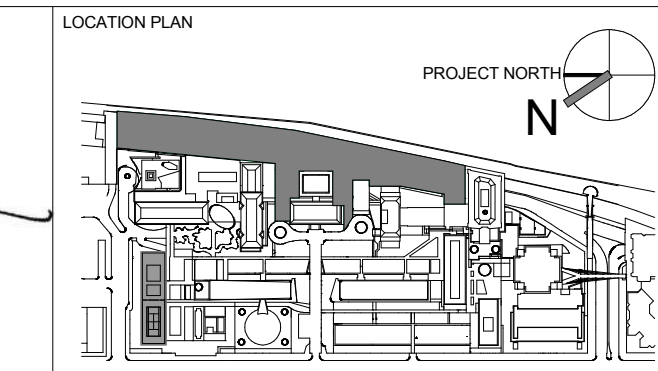
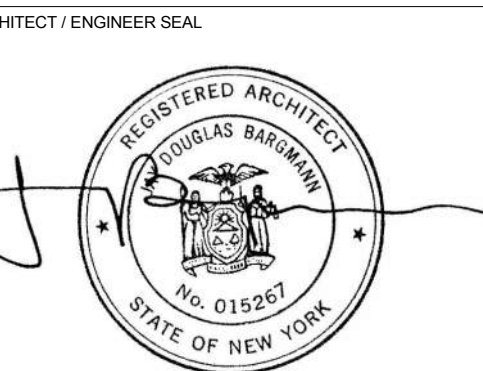
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ROBERT SCHWARTZ ASSOCIATES
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NEW YORK, NY 10018
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REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECT'S PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/8" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
SECTOR D - RCP - LEVEL 1

DRAWING NUMBER
A-142.00

Sheet 73 of 315

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2'-0" X 2'-0" ACT:
 CL-1: "ARMSTRONG" - OPTIMA LAY IN TILE W/ SILOHETTE XL 9"16" BOLT SLOT - 1/8" REVEAL
 CL-2: "ARMSTRONG" CLEAN ROOM FL. SQUARE LAY-IN 15"16" 24"X24"

CL-3 SEAMLESS ACOUSTICAL PLASTER CEILING
 CL-4 GYPSUM BOARD CEILING (PAINTED)
 CL-5 ACOUSTICAL METAL TILE

EXPOSED CEILING PAINTED

2x2' FLUSH GYPSUM ACCESS PANEL

SPRINKLER HEAD

SLOPE UP DENOTES: SLOPED GYP. CEILING COORDINATE WITH SECTIONS FOR SLOPE

EXIT SIGN WITH BATTERY BACKUP. SHADING INDICATES ILLUMINATED FACE. ARROW INDICATES DIRECTION OF EGRESS.

DENOTES: FUME HOOD. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION

- NOTES:**
- REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPTACLE SYMBOL LIST
 - REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
 - PROVIDE ROLLER WINDOW SHADE AT PERIMETER CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS. REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.
- BASIS OF DESIGN:**
 MECHOSHADE SYSTEMS INC.
 "SINGLE SHADE" AT LEVEL 1 & LEVEL 2.
 "DOUBLE SHADE" ICC
 "SINGLE/DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION.
 4. PROVIDE RADIANT PANELS 24"X36"W "FULL LENGTH AT "EAST CURTAINWALL LOCATION (TYP.) RCP PLANS SHOW DIAGRAMMATIC LAYOUT FOR INTENT.
- BASIS OF DESIGN:**
 PRICE RADIANT PANEL RP SERIES
 5. WHERE ACT CEILING INTERSECTS AN OPEN CEILING AS SHOWN ON PLAN, CONTRACTOR TO PROVIDE GYP. BD SOFFIT AS DEPICTED ON 14A-772.

RCP LEGEND
 SCALE: 1/8" = 1'-0"

Shauqat Shaikh
Shauqat Shaikh
 Buildings APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub

SECTOR E - RCP - LEVEL 1
 SCALE: 1/8" = 1'-0" 1

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 NEW YORK, NY 10013
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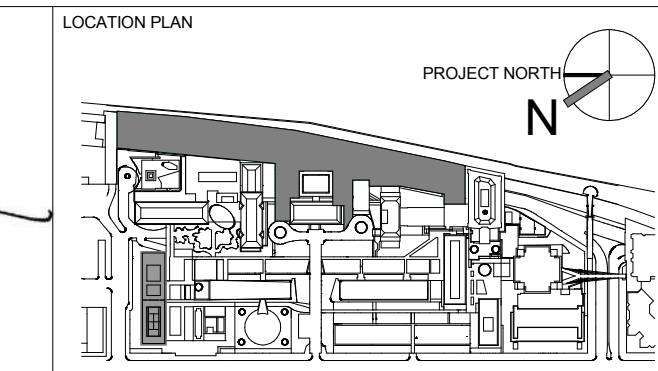
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
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INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECT'S PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1/8" = 1'-0"

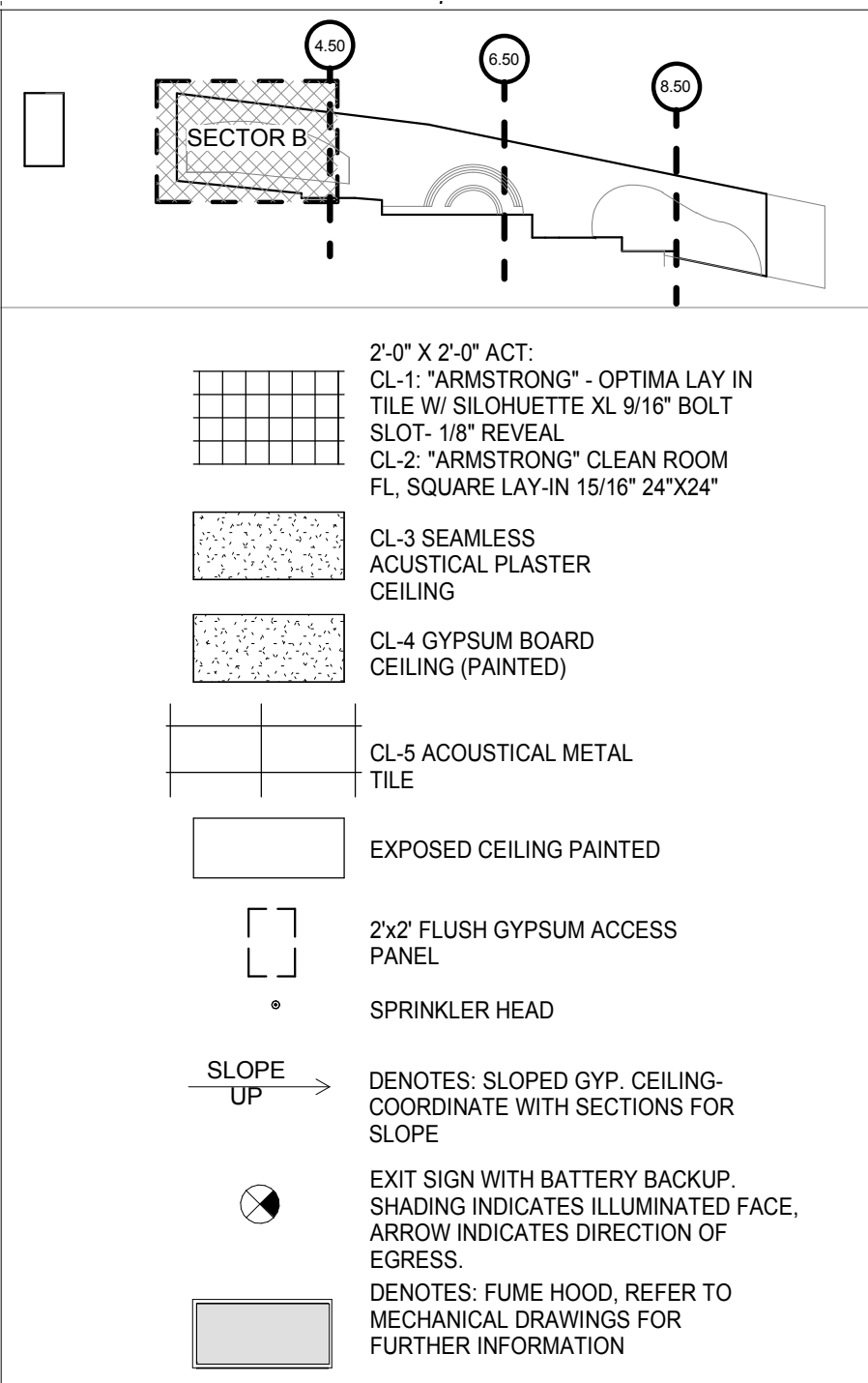
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 SECTOR E - RCP - LEVEL 1

DRAWING NUMBER
 A-143.00

Sheet 74 of 315

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NOTES:
 1. REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPTACLE SYMBOL LIST
 2. REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
 3. PROVIDE ROLLER WINDOW SHADE AT PERIMETER CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS. REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.
 BASIS OF DESIGN:
 MECHOSHADE SYSTEMS INC.
 "SINGLE SHADE" AT LEVEL 1 & LEVEL 2.
 "DOUBLE SHADE" ICC
 "SINGLE/DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION.
 4. PROVIDE RADIANT PANELS 24"X6"W "FULL LENGTH" AT EAST CURTAINWALL LOCATION (TYP.) RCP PLANS SHOW DIAGRAMMATIC LAYOUT FOR INTENT.
 BASIS OF DESIGN:
 PRICE RADIANT PANEL RP SERIES
 5. WHERE ACT CEILING INTERSECTS AN OPEN CEILING AS SHOWN ON PLAN, CONTRACTOR TO PROVIDE GYP. BD SOFFIT AS DEPICTED ON 14A-772.

RCP LEGEND
 SCALE: 1/8" = 1'-0"

SECTOR B - RCP - LEVEL 2
 SCALE: 1/8" = 1'-0" 1



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

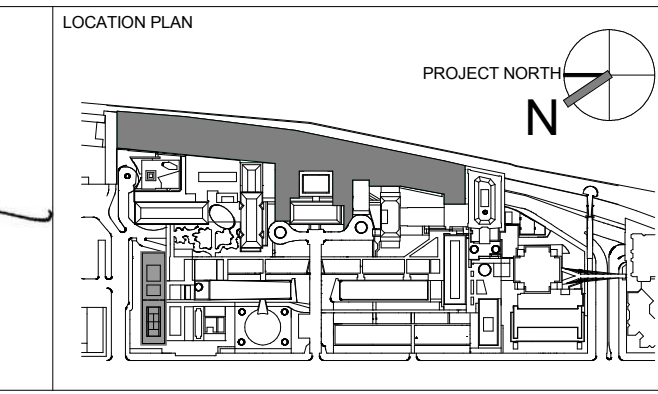
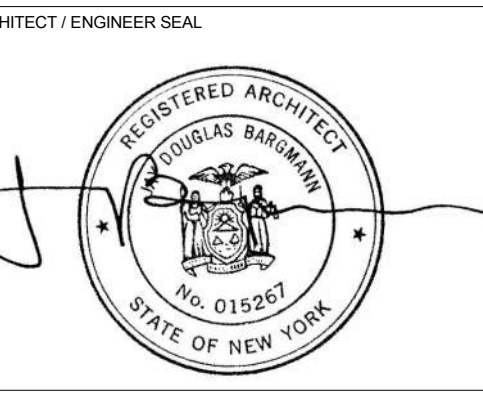
ARCHITECT
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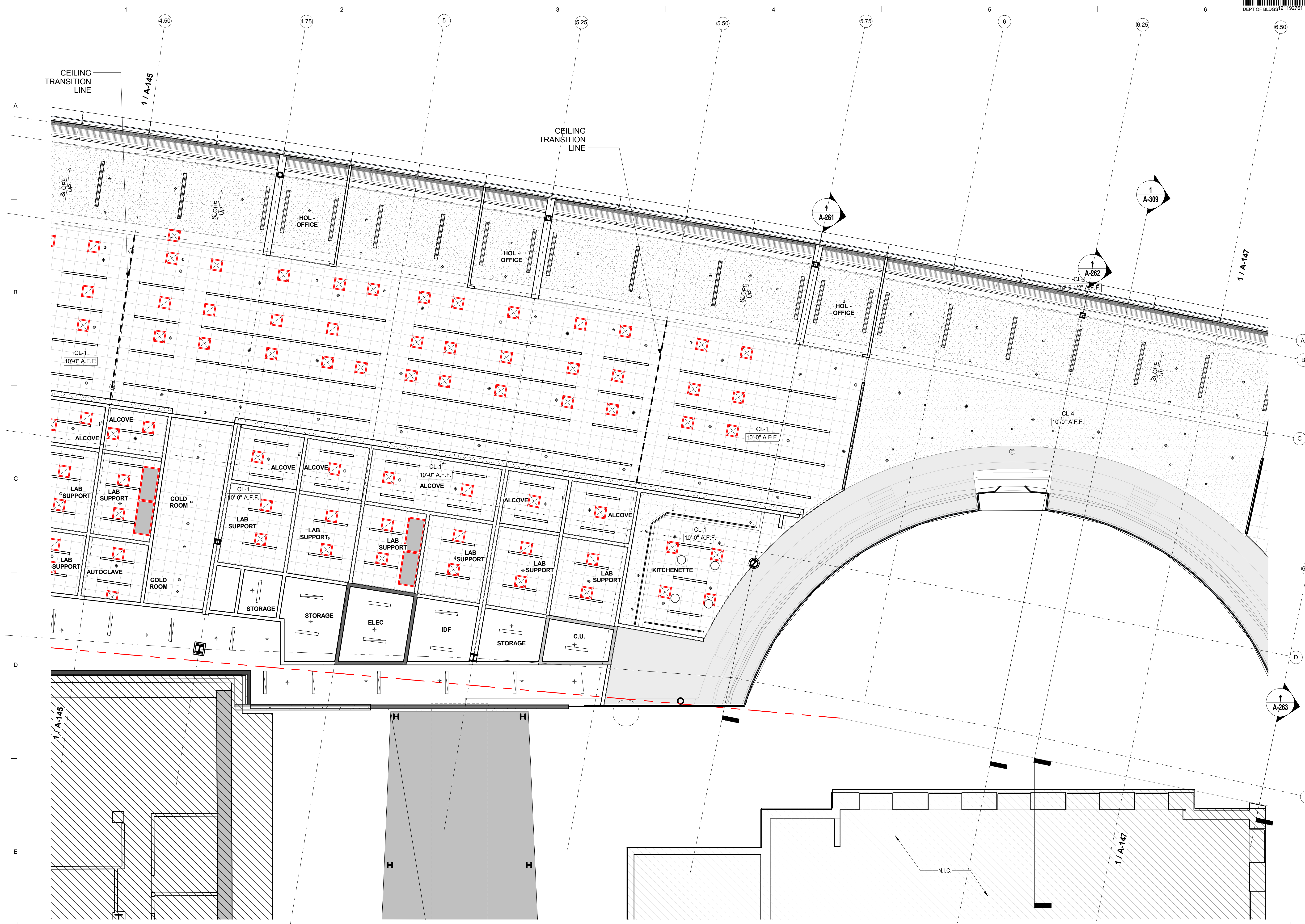
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REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	DRAWING TITLE
664.100	SECTOR B - RCP - LEVEL 2
DRAWING SIZE	24" x 36"
DRAWING SCALE	1/8" = 1'-0"
PROJECT PHASE	CONSTRUCTION DOCUMENTS

DRAWING NUMBER: **A-145.00**
 SHEET 75 OF 315
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2'-0" X 2'-0" ACT:
 CL-1 "ARMSTRONG" - OPTIMA LAY IN TILE W/ SILOHETTE XL 9/16" BOLT SLOT; 1/8" REVEAL
 CL-2 "ARMSTRONG" CLEAN ROOM FL. SQUARE LAY-IN 15/16" 24"x24"
 CL-3 SEAMLESS ACUSTICAL PLASTER CEILING
 CL-4 GYPSUM BOARD CEILING (PAINTED)
 CL-5 ACOUSTICAL METAL TILE

EXPOSED CEILING PAINTED

2x2 FLUSH GYPSUM ACCESS PANEL

SPRINKLER HEAD

SLOPE UP → DENOTES: SLOPED GYP. CEILING-COORDINATE WITH SECTIONS FOR SLOPE

EXIT SIGN WITH BATTERY BACKUP SHADING INDICATES ILLUMINATED FACE. ARROW INDICATES DIRECTION OF EGRESS.

DENOTES: FUME HOOD, REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION

NOTES:
 1. REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPTACLE SYMBOL LIST
 2. REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
 3. PROVIDE ROLLER WINDOW SHADE AT PERIMETER CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS. REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.
 BASIS OF DESIGN: MECHOSHADE SYSTEMS INC. "SINGLE SHADE" AT LEVEL 1 & LEVEL 2. "DOUBLE SHADE" ICC "SINGLE/DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION.
 4. PROVIDE RADIANT PANELS 24"X6" W/ FULL LENGTH AT "EAST CURTAINWALL LOCATION (TYP.) RCP PLANS SHOW DIAGRAMMATIC LAYOUT FOR INTENT.
 BASIS OF DESIGN: PRICE RADIANT PANEL RP SERIES
 5. WHERE ACT CEILING INTERSECTS AN OPEN CEILING AS SHOWN ON PLAN, CONTRACTOR TO PROVIDE GYP. BD SOFFIT AS DEPICTED ON 14/A-772.

RCP LEGEND
SCALE: 1/8" = 1'-0"

SECTOR C - RCP - LEVEL 2
SCALE: 1/8" = 1'-0" 1

Shauqat Shaikh

Shauqat Shaikh

Buildings

APPROVED

Under Directive 2 of 1975

Date: 04/20/2016

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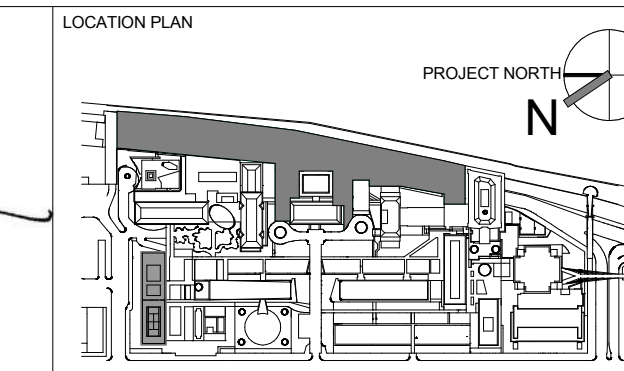
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECT'S PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/8" = 1'-0"

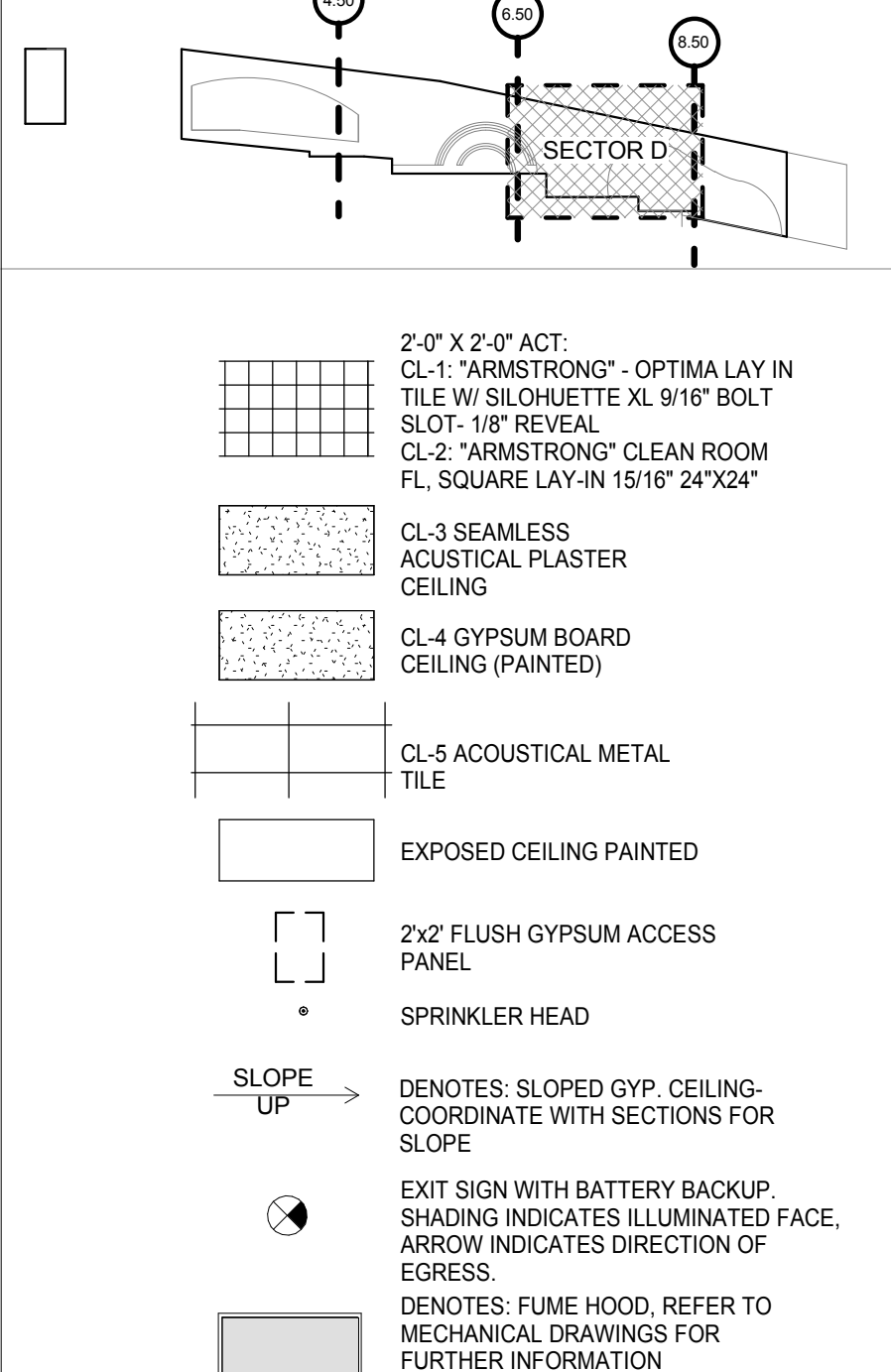
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
SECTOR C - RCP - LEVEL 2

DRAWING NUMBER
A-146.00

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NOTES:
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 2. REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
 3. PROVIDE ROLLER WINDOW SHADE AT PERIMETER CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS. REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.
 BASIS OF DESIGN:
 MECHOSHADE SYSTEMS INC.
 SINGLE SHADE AT LEVEL 1 & LEVEL 2.
 DOUBLE SHADE ICC
 SINGLE/DOUBLE SHADE AT NORTH & AND SOUTH PAVILION.
 4. PROVIDE RADIANT PANELS 24'x16'x6\"/>

RCP LEGEND
 SCALE: 1/8" = 1'-0"

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 Buildings
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SECTOR D - RCP - LEVEL 2
 SCALE: 1/8" = 1'-0" 1

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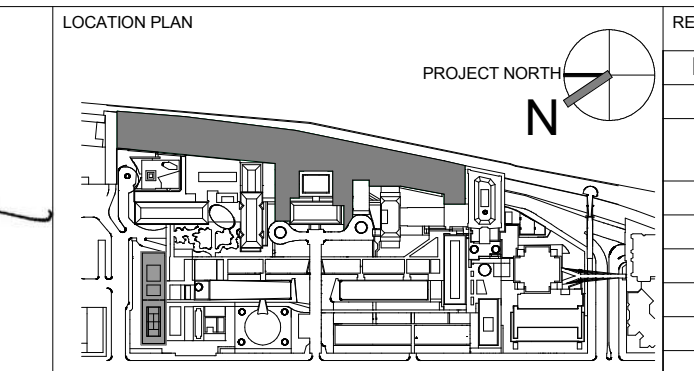
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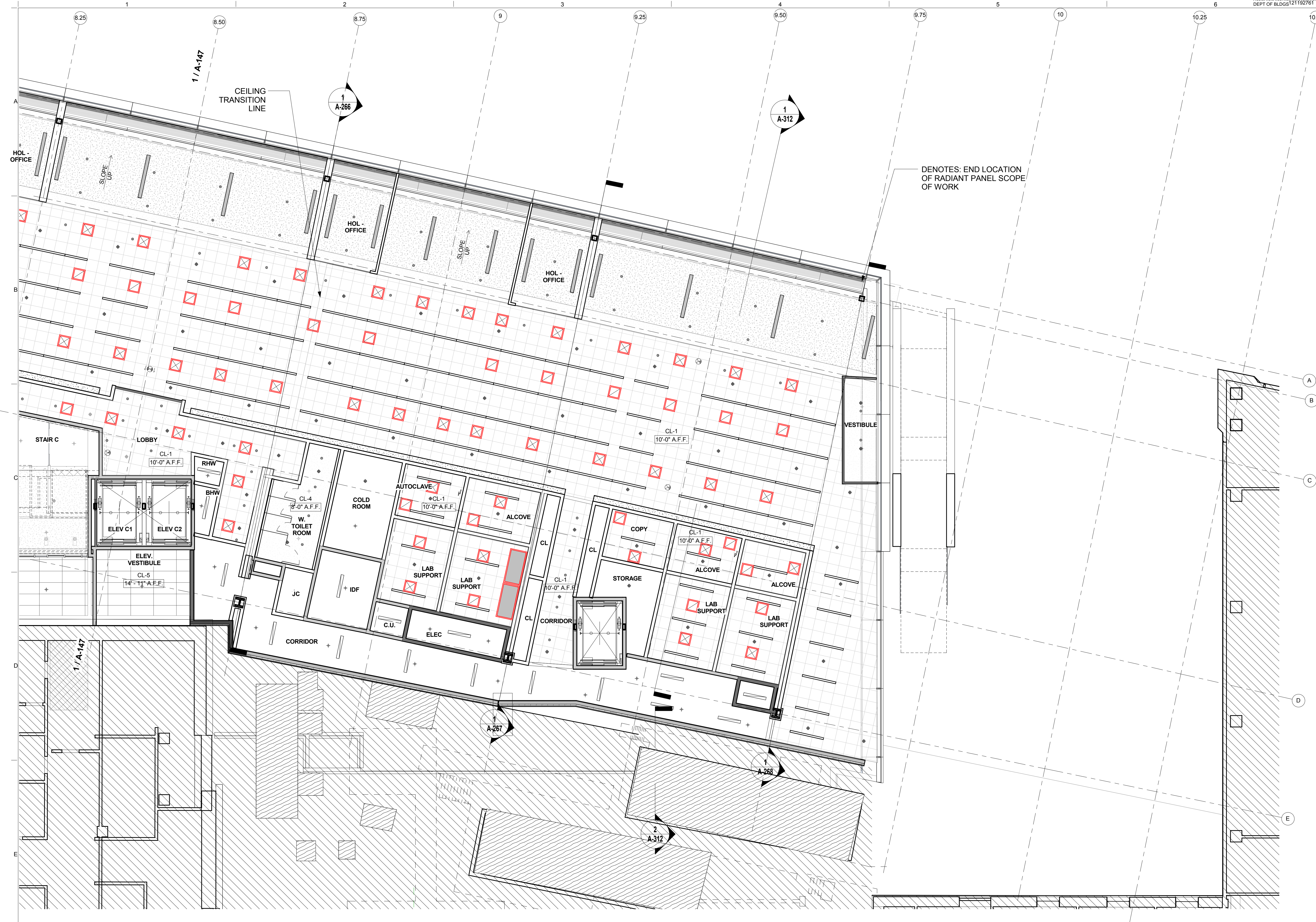
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REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECT'S PROJECT NUMBER
 664.100
 DRAWING SIZE
 24" x 36"
 DRAWING SCALE
 1/8" = 1'-0"

DRAWING TITLE
 SECTOR D - RCP - LEVEL 2
 DRAWING NUMBER
 A-147.00
 SHEET 77 OF 315



- 2'-0" X 2'-0" ACT.**
 CL-1: "ARMSTRONG" - OPTIMA LAY IN TILE W/ SILOHETTE XL 9/16" BOLT SLOT-1/8" REVEAL
 CL-2: "ARMSTRONG" CLEAN ROOM FL. SQUARE LAY-IN 15/16" 24"x24"
 CL-3 SEAMLESS ACUSTICAL PLASTER CEILING
 CL-4 GYPSUM BOARD CEILING (PAINTED)
 CL-5 ACOUSTICAL METAL TILE
 EXPOSED CEILING PAINTED
 2x2 FLUSH GYPSUM ACCESS PANEL
 SPRINKLER HEAD
 SLOPE UP → DENOTES: SLOPED GYP. CEILING COORDINATE WITH SECTIONS FOR SLOPE
 EXIT SIGN WITH BATTERY BACKUP. SHADING INDICATES ILLUMINATED FACE. ARROW INDICATES DIRECTION OF EGRESS.
 DENOTES: FUME HOOD, REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION

NOTES:
 1. REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPTACLE SYMBOL LIST
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BASIS OF DESIGN:
 MECHOSHADE SYSTEMS INC.
 "SINGLE SHADE" AT LEVEL 1 & LEVEL 2.
 "DOUBLE SHADE" ICC
 "SINGLE/DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION.
 4. PROVIDE RADIANT PANELS 24"X24" FULL LENGTH AT "EAST CURTAINWALL LOCATION (TYP.)" RCP PLANS SHOW DIAGRAMMATIC LAYOUT FOR INTENT.
BASIS OF DESIGN:
 PRICE RADIANT PANEL RP SERIES
 5. WHERE ACT CEILING INTERSECTS AN OPEN CEILING AS SHOWN ON PLAN, CONTRACTOR TO PROVIDE GYP. BD SOFFIT AS DEPICTED ON 14A-772.

RCP LEGEND
 SCALE: 1/8" = 1'-0"

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SECTOR E - RCP - LEVEL 2
 SCALE: 1/8" = 1'-0" 1

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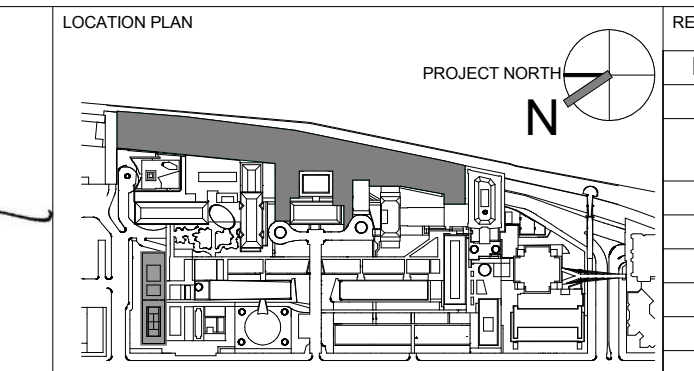
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 569 8TH AVENUE, 17TH FLOOR
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK

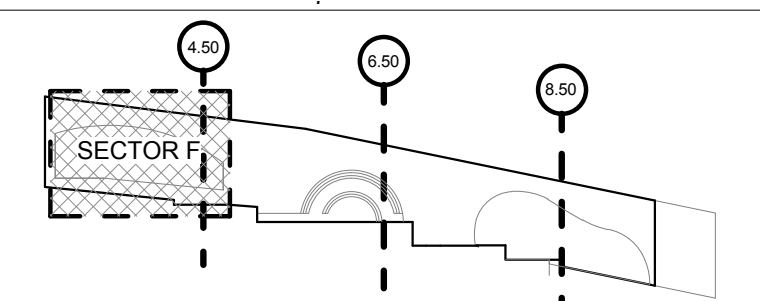


REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
 SECTOR E - RCP - LEVEL 2

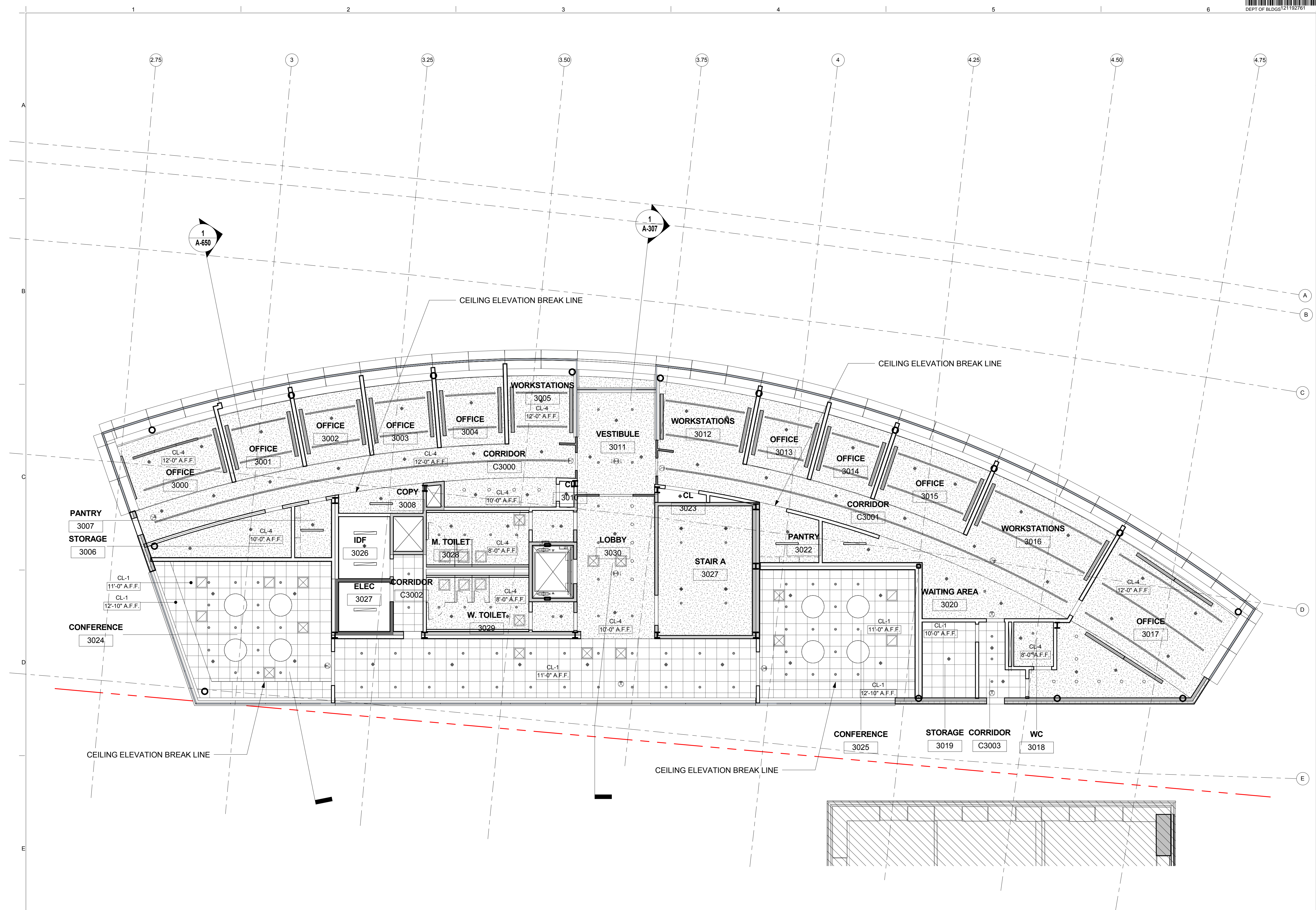
DRAWING NUMBER
 A-148.00

Sheet 78 of 315



- 2'-0" X 2'-0" ACT:
CL-1: "ARMSTRONG" - OPTIMA LAY IN TILE W/ SLOHJETTE XL 9/16" BOLT SLO-T-118" REVEAL
CL-2: "ARMSTRONG" CLEAN ROOM FL. SQUARE LAY-IN 15/16" 24"X24"
- CL-3 SEAMLESS ACUSTICAL PLASTER CEILING
- CL-4 GYPSUM BOARD CEILING (PAINTED)
- CL-5 ACUSTICAL METAL TILE
- EXPOSED CEILING PAINTED
- 2x2 FLUSH GYPSUM ACCESS PANEL
- SPRINKLER HEAD
- SLOPE UP → DENOTES: SLOPED GYP. CEILING. COORDINATE WITH SECTIONS FOR SLOPE
- EXIT SIGN WITH BATTERY BACKUP. SHADING INDICATES ILLUMINATED FACE. ARROW INDICATES DIRECTION OF EGRESS.
- DENOTES: FUME HOOD, REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION

NOTES:
 1. REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPTACLE SYMBOL LIST
 2. REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
 3. PROVIDE ROLLER WINDOW SHADE AT PERIMETER CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS. REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.
 BASIS OF DESIGN:
 MECHOSHADE SYSTEMS INC.
 "SINGLE SHADE" AT LEVEL 1 & LEVEL 2,
 "DOUBLE SHADE" ICC
 "SINGLE/DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION.
 4. PROVIDE RADIANT PANELS 24"X6"W "FULL LENGTH AT "EAST CURTAINWALL LOCATION (TYP.) RCP PLANS SHOW DIAGRAMMATIC LAYOUT FOR INTENT.
 BASIS OF DESIGN:
 PRICE RADIANT PANEL RP SERIES
 5. WHERE ACT CEILING INTERSECTS AN OPEN CEILING AS SHOWN ON PLAN, CONTRACTOR TO PROVIDE GYP. BD SOFFIT AS DEPICTED ON 14/A-772.



SECTOR F - RCP - LEVEL 3
 SCALE: 1/8" = 1'-0" 1

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Shauqat Shaikh
 Buildings
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 Under Directive 2 of 1975
 Date: 04/20/2016
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THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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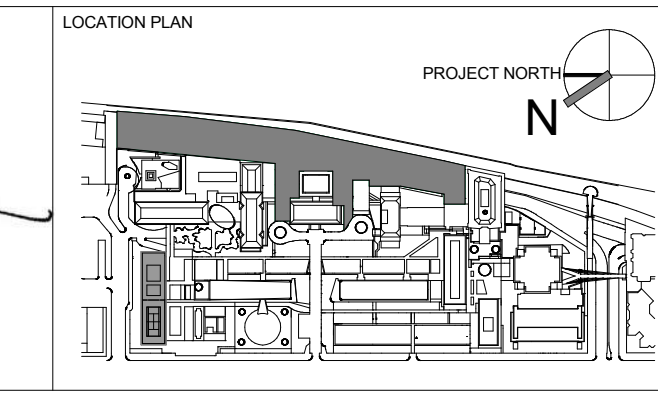
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ARCHITECT / ENGINEER SEAL

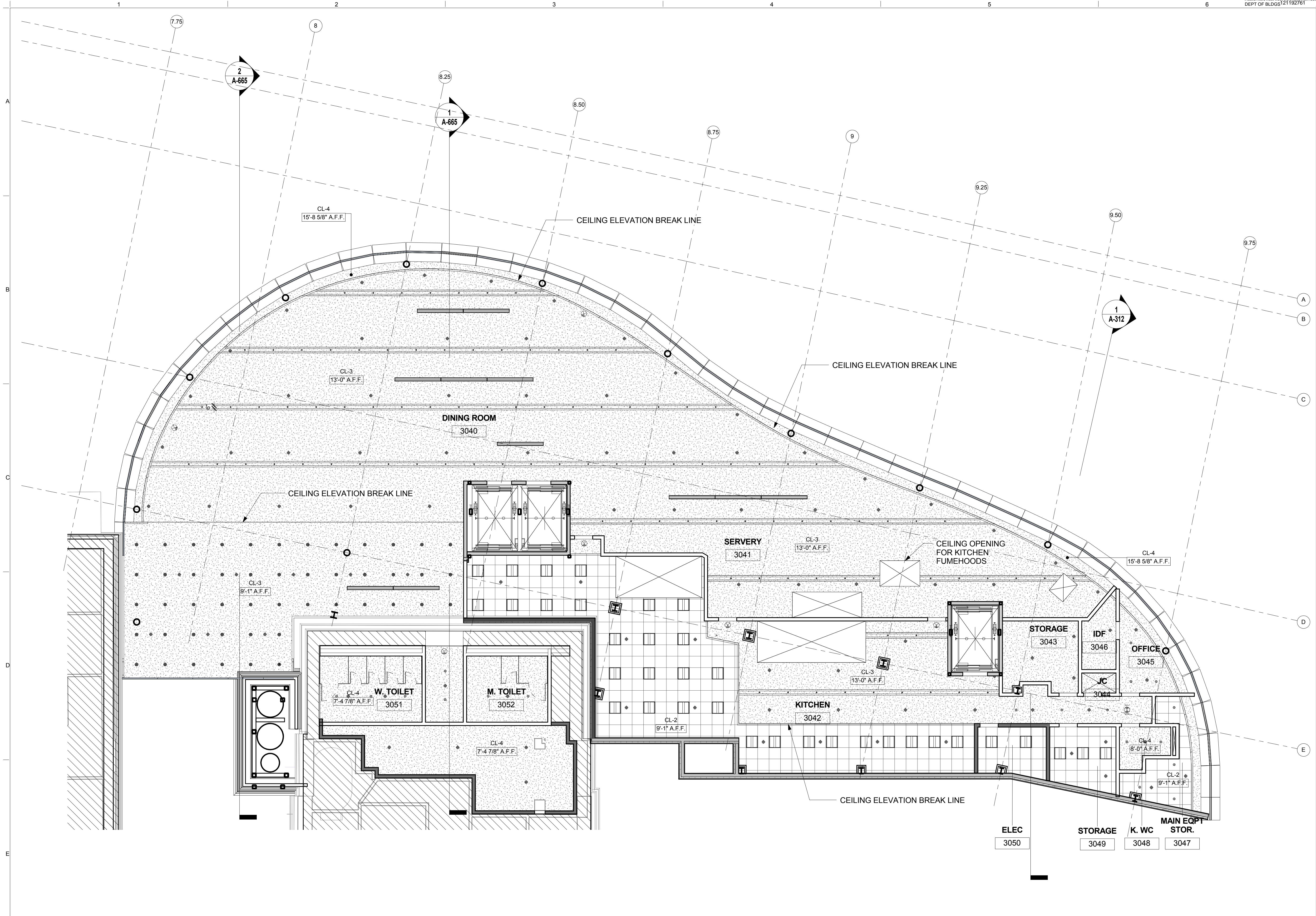


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
NORTH PAVILION - RCP - LEVEL 3

DRAWING NUMBER
A-149.00

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2'-0" X 2'-0" ACT. SYMBOL LIST

- CL-1 "ARMSTRONG" - OPTIMA LAY IN TILE W SILOHETTE XL 9/16" BOLT SLOT - 1/8" REVEAL
- CL-2 "ARMSTRONG" CLEAN ROOM FL. SQUARE LAY-IN 15/16" 24"X24"
- CL-3 SEAMLESS ACUSTICAL PLASTER CEILING
- CL-4 GYPSUM BOARD CEILING (PAINTED)
- CL-5 ACoustICAL METAL TILE
- EXPOSED CEILING PAINTED
- 2x2' FLUSH GYPSUM ACCESS PANEL
- SPRINKLER HEAD
- SLOPE UP: DENOTES: SLOPED GYP. CEILING-COORDINATE WITH SECTIONS FOR SLOPE
- EXIT SIGN WITH BATTERY BACKUP. SHADING INDICATES ILLUMINATED FACE. ARROW INDICATES DIRECTION OF EGRESS
- DENOTES: FUME HOOD. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION

NOTES:

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- PROVIDE ROLLER WINDOW SHADE AT PERIMETER CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS. REFER TO SPEC SECTION 122413 FOR REQUIREMENTS. BASIS OF DESIGN: MECHOSHADE SYSTEMS INC. "SINGLE SHADE" AT LEVEL 1 & LEVEL 2. "DOUBLE SHADE" ICC
- "SINGLE/DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION- PROVIDE RADIANT PANELS 24"X6"W FULL LENGTH AT "EAST CURTAINWALL LOCATION (TYP.) RCP PLANS SHOW DIAGRAMMATIC LAYOUT FOR INTENT. BASIS OF DESIGN: PRICE RADIANT PANEL RP SERIES
- WHERE ACT CEILING INTERSECTS AN OPEN CEILING AS SHOWN ON PLAN, CONTRACTOR TO PROVIDE GYP. BD SOFFIT AS DEPICTED ON 14/A-772.

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SECTOR G - RCP - LEVEL 3
 SCALE: 1/8" = 1'-0" 1

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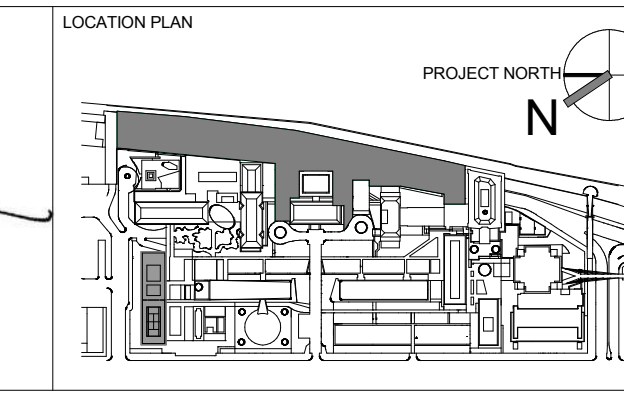
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHOUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1/8" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 SOUTH PAVILION - RCP - LEVEL 3

DRAWING NUMBER
A-150.00

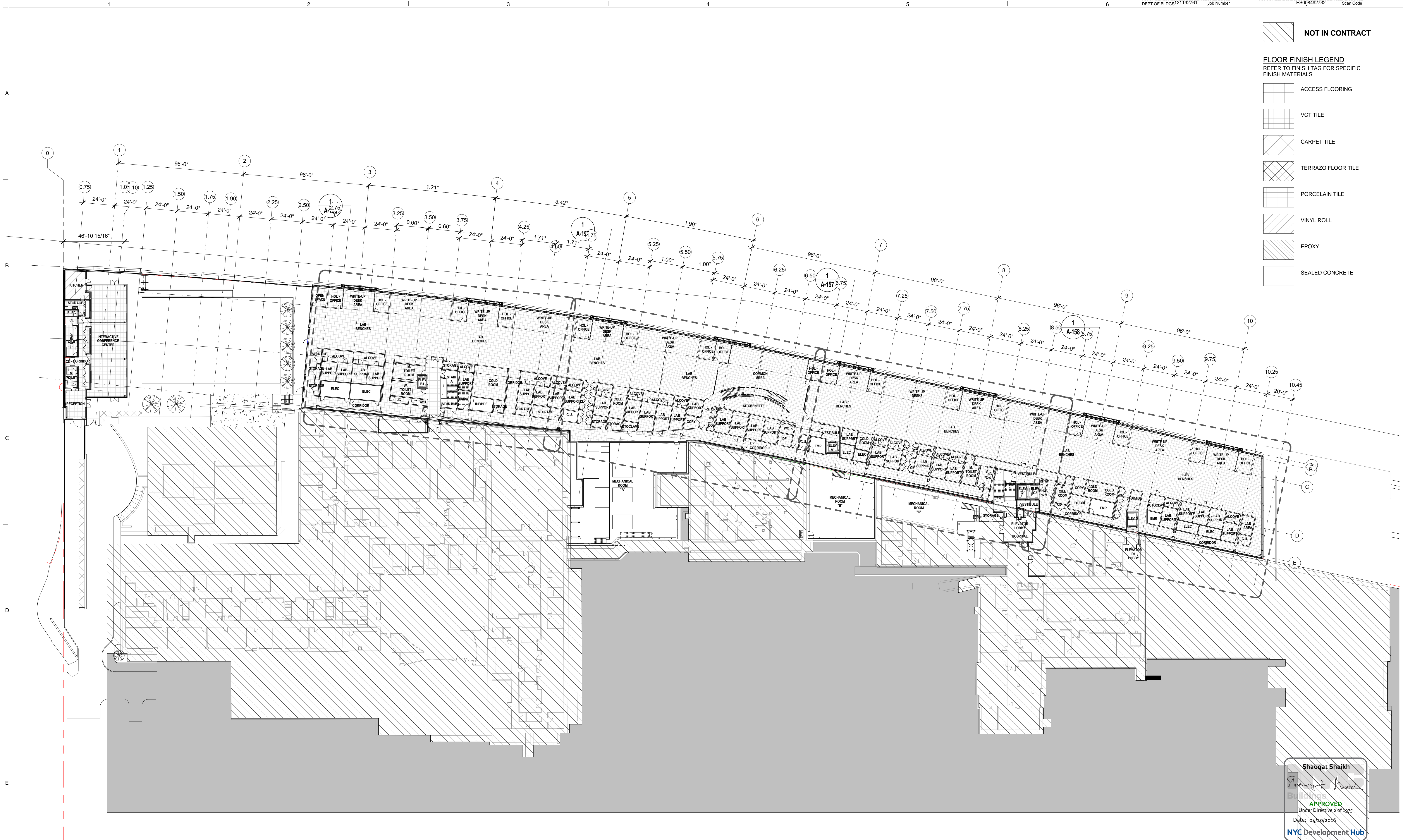
Sheet 80 of 315

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NOT IN CONTRACT

FLOOR FINISH LEGEND
REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

- ACCESS FLOORING
- VCT TILE
- CARPET TILE
- TERRAZO FLOOR TILE
- PORCELAIN TILE
- VINYL ROLL
- EPOXY
- SEALED CONCRETE



Shauqat Shaikh

 APPROVED
 Under Directive 2 of 13/75
 Date: 06/20/2016
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OVERALL FINISH PLAN - LEVEL 1
 SCALE: 1/32" = 1'-0" 1

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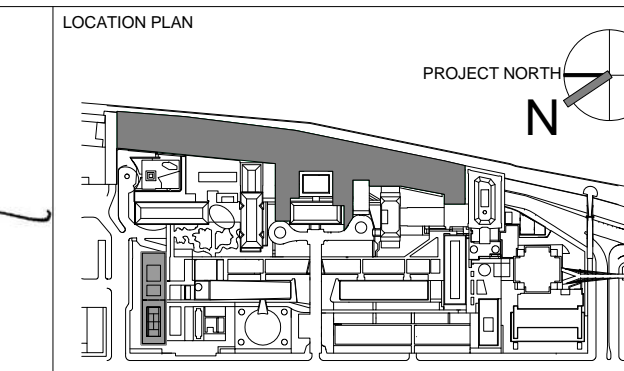
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 THORNTON TOMASETTI, INC.
 744 BROAD STREET
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 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
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 NEW YORK, NY 10018
 T. 212.691.3248

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 As indicated

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 OVERALL - FINISH FLOOR PLAN - LEVEL 1

DRAWING NUMBER
 A-151.00


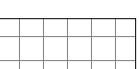



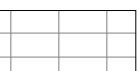


DATE
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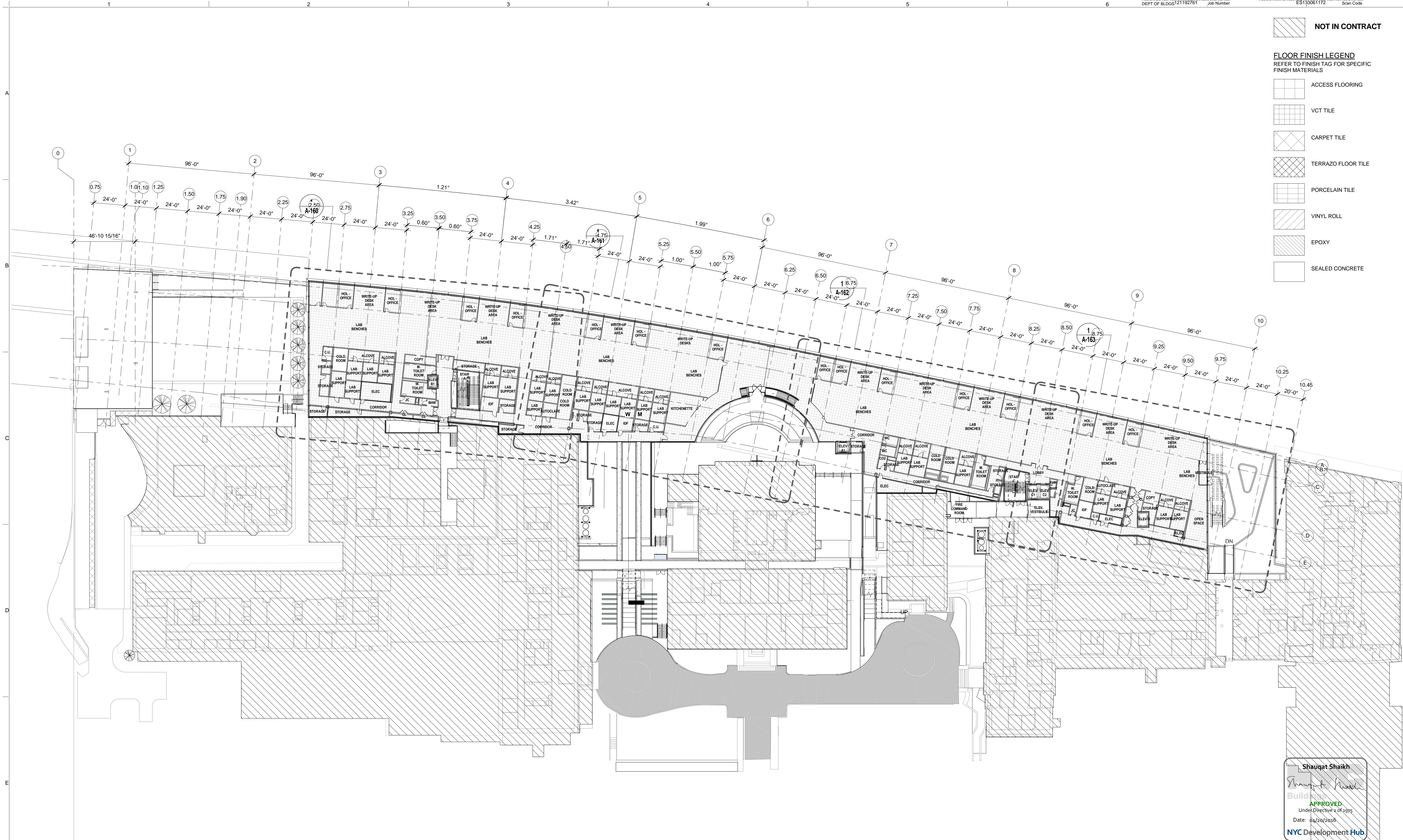
SCALE
 1/32" = 1'-0"

Sheet 81 of 315

NOT IN CONTRACT

FLOOR FINISH LEGEND
REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

-  ACCESS FLOORING
-  VCT TILE
-  CARPET TILE
-  TERRAZZO FLOOR TILE
-  PORCELAIN TILE
-  VINYL ROLL
-  EPOXY
-  SEALED CONCRETE



Shauqat Shaikh
Shauqat Shaikh
 Build **APPROVED**
 Under Directive 2 of 2015
 Date: 06/20/2016
 NYC Development Hub

OVERALL FINISH PLAN - LEVEL 2
 SCALE: 1/32" = 1'-0" **1**

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065


ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
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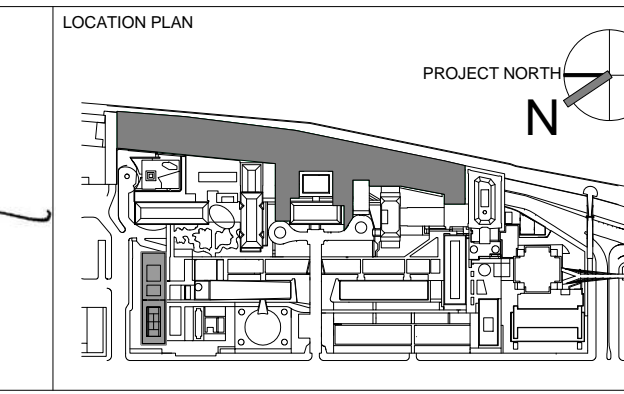
STRUCTURAL ENGINEER
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 744 BROAD STREET
 NEWARK, NJ 07102
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MEP / FP ENGINEER
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 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL




REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 As indicated

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

OVERALL - FINISH FLOOR PLAN - LEVEL 2

DRAWING NUMBER
A-152.00

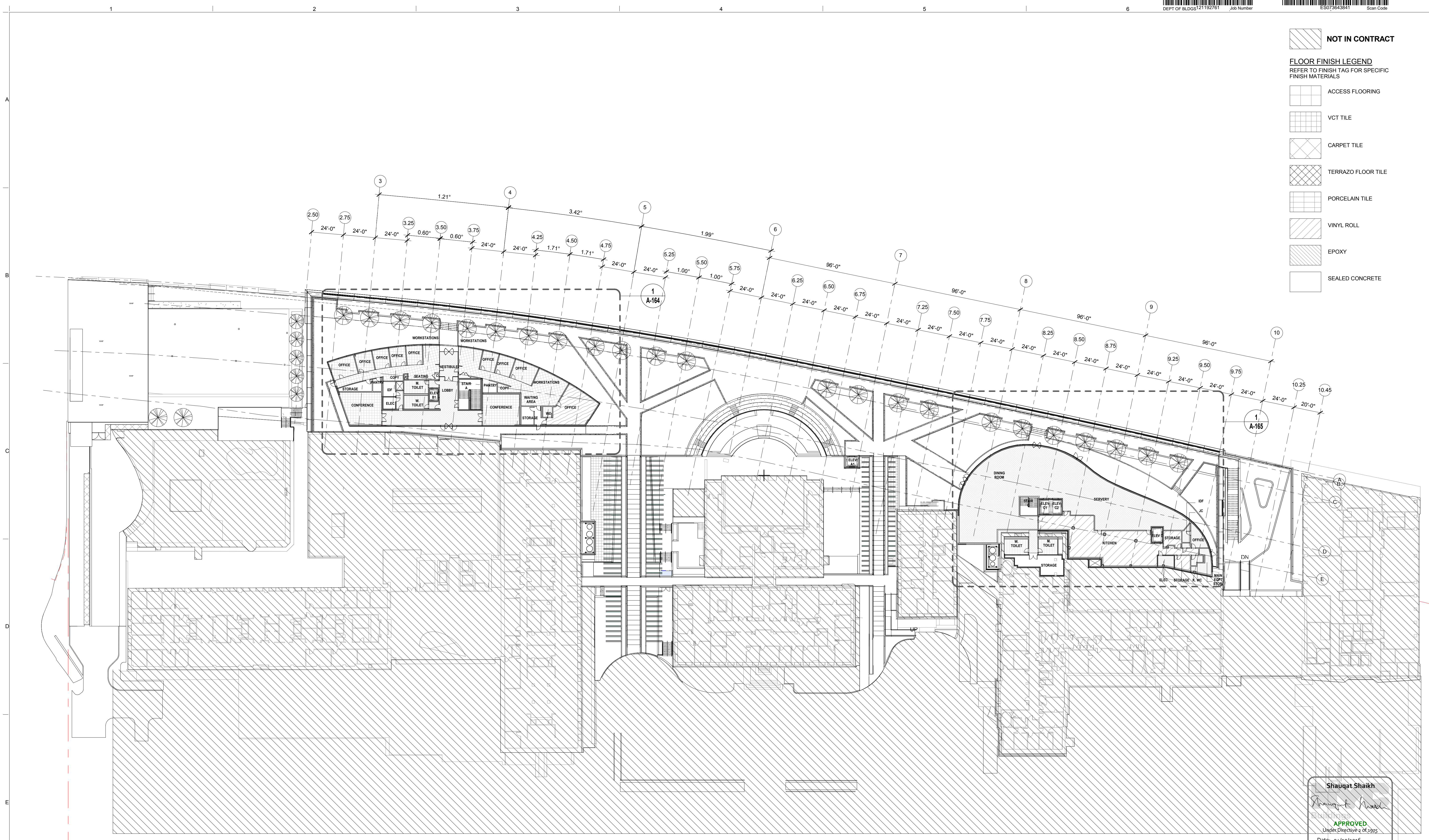
Sheet 82 of 315

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NOT IN CONTRACT

FLOOR FINISH LEGEND
REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

- ACCESS FLOORING
- VCT TILE
- CARPET TILE
- TERRAZO FLOOR TILE
- PORCELAIN TILE
- VINYL ROLL
- EPOXY
- SEALED CONCRETE



Shauqat Shaikh
Shauqat Shaikh
APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
NYC Development Hub
OVERALL FINISH PLAN - LEVEL 3
SCALE: 1/32" = 1'-0"

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

The Rockefeller University
1901

ARCHITECT
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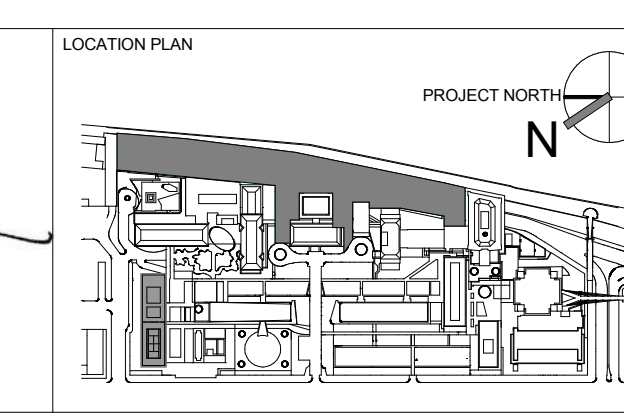
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NEW YORK, NY 10018
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

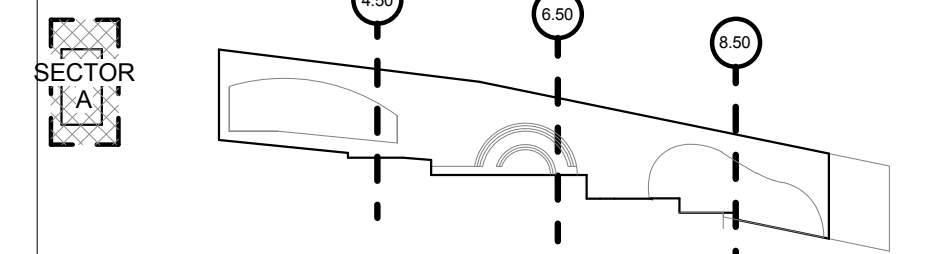
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
OVERALL - FINISH FLOOR PLAN - LEVEL 3

DRAWING NUMBER
A-153.00

Sheet 83 of 315

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GENERAL NOTES FOR FINISHES:

1. FINISH ABBREVIATIONS TO BE USED AS A GUIDE TO FINISH PLANS. SEE SPECIFICATIONS AND FINISH SCHEDULE ON A-820.
2. ALL WALL AND FLOOR FINISHES TO MEET CODE REQUIRED FLAME SPREAD RATINGS
3. PAINT ALL GYPSUM BOARD CEILING AND UNDERSIDE OF SOFFITS P-X UNLESS OTHERWISE NOTED
4. ALL INTERIORS OF DUCTS BEHIND EXPOSED GRILLS, REGISTERS, DIFFUSERS AND AIR INTAKES TO RECEIVE FLAT PAINT BLACK UNLESS CALLED OUT AS ADJACENT ACCENT PAINT
5. ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTERLINE OF DOOR LEAF UNLESS OTHERWISE NOTED
6. PRIOR TO INSTALLATION OF WALL FINISH, ALL WALLS SHALL HAVE HOLES AND CRACKS FILLED, BE SANDED SMOOTH, CLEANED AND FREE OF ANY IMPERFECTIONS IN PREPARATION TO ACCEPT FINISH SCHEDULE THROUGHOUT UNLESS OTHERWISE NOTED.
7. ALL INTERIOR ACCESS DOORS, VENTS, GRILLS, FIN TUBE COVERS, FIRE HOSE CABINETS AND SIMILAR TO BE PAINTED COLOR OF ADJACENT SURFACE UNLESS OTHERWISE NOTED.
8. ALL INTERIOR COLUMNS TO BE PAINTED COLOR OF ADJACENT SURFACE UNLESS OTHERWISE NOTED.
9. WHERE CARPET OCCURS, USE STRAIGHT COVE BASE UNLESS OTHERWISE NOTED.
10. INSIDE OF ELEVATOR HOSTWAYS TO RECEIVE 1 COAT OF LATEX PRIMER.
11. DOOR FINISH TO MATCH ARCHITECT'S SAMPLE. ALL HOLLOW METAL DOOR FRAMES TO RECEIVE PAINTABLE CAULKING AROUND FRAME AND DRYWALL JOINT.
12. ALL HOLLOW METAL DOORS, DOOR FRAMES, WINDOW FRAMES AND MISCELLANEOUS MILLWORK SCHEDULED TO BE PAINTED. PAINT TO MATCH ADJACENT WALL COLOR UNLESS OTHERWISE NOTED. PAINT BOTH SIDES OF HOLLOW METAL DOORS AND FRAMES. WHERE DOOR FRAME HAS TWO COLORS, THE COLOR TO TERMINATE AT INSIDE EDGE OF DOOR JAMB ON ROOM SIDE AS TYPICAL.
13. ALL EXPOSED COMPONENTS OF OVERHEAD DOORS, COILS, AND GRILLS TO HAVE ARCHITECT'S APPROVED FINISH OF MANUFACTURER'S SELECTION OR TO RECEIVE P-X AS NECESSARY UNLESS OTHERWISE NOTED.
14. PAINT ALL EXPOSED NON STAINLESS STEEL FERROUS METAL SURFACES EXPOSED AT STAIRS, STRINGERS, RISERS, BALUSTRADES, HANDRAILS, AND GRAUDRAILS TO BE PAINTED.
15. PAINT COLOR THROUGHOUT ENTIRE PROJECT TO BE FINALIZED BY OWNER AND ARCHITECT.

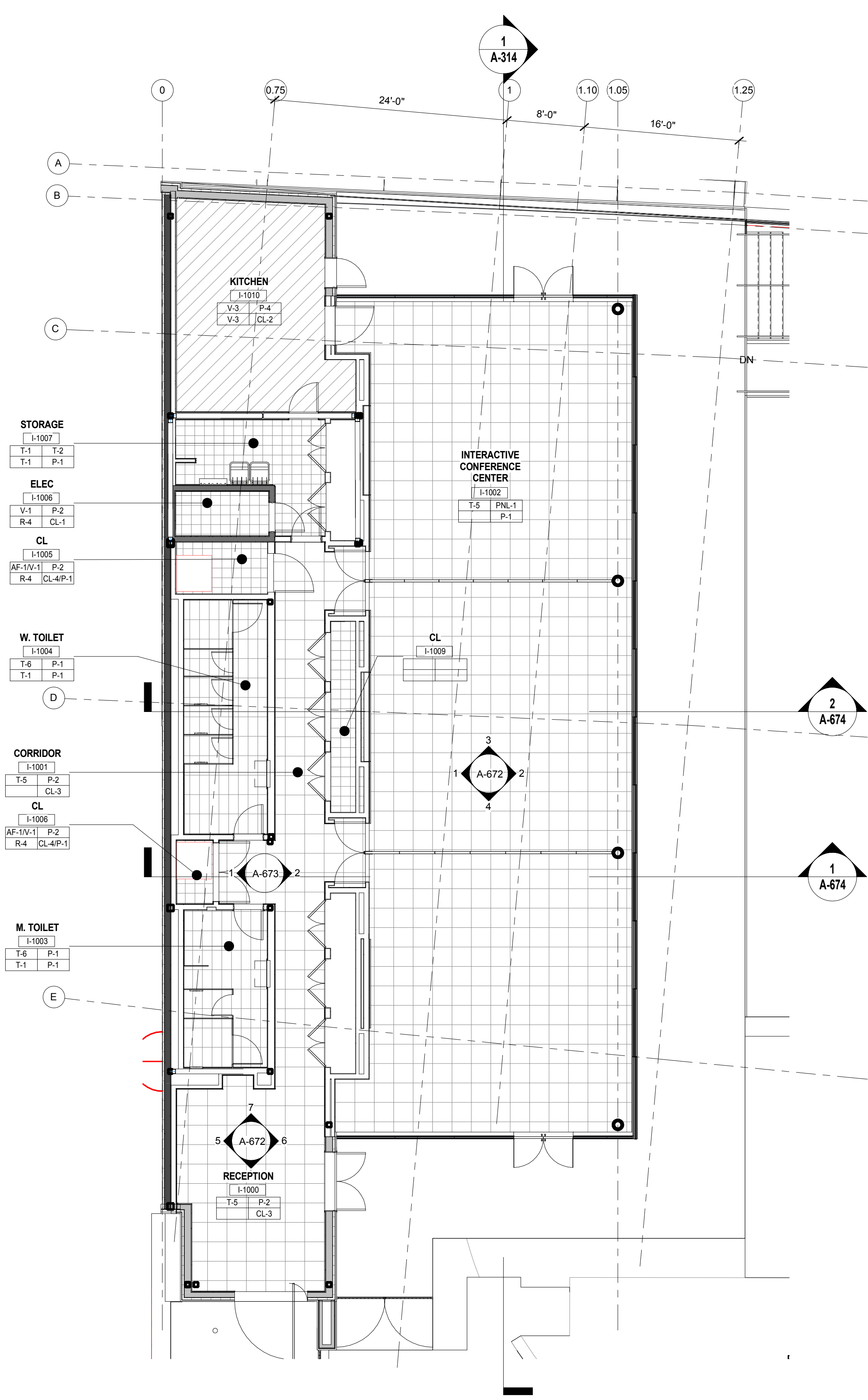
FINISH DESIGNATION:

FLOOR FINISH	WALL FINISH
BASE FINISH	CEILING FINISH

FLOOR FINISH LEGEND
REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

- ACCESS FLOORING
- VCT TILE
- CARPET TILE
- TERRAZZO FLOOR TILE
- PORCELAIN TILE
- VINYL ROLL
- EPOXY
- SEALED CONCRETE

Shauqat Shaikh
Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
NYC Development Hub



SECTOR A - FINISH FLOOR PLAN - LEVEL 1
SCALE: 1/8" = 1'-0"

The Rockefeller University
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LANDSCAPE ARCHITECT
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NEW YORK, NY 10271
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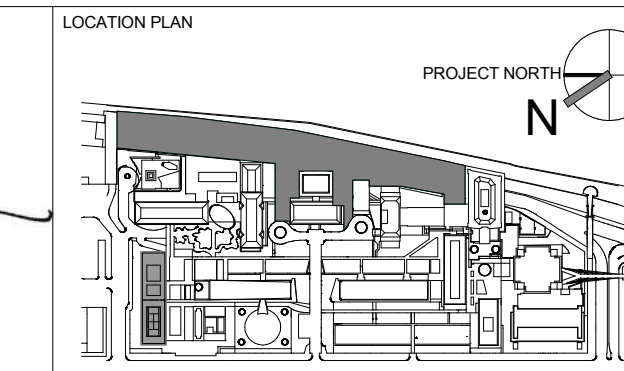
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INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
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SPECIFICATION CONSULTANT
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



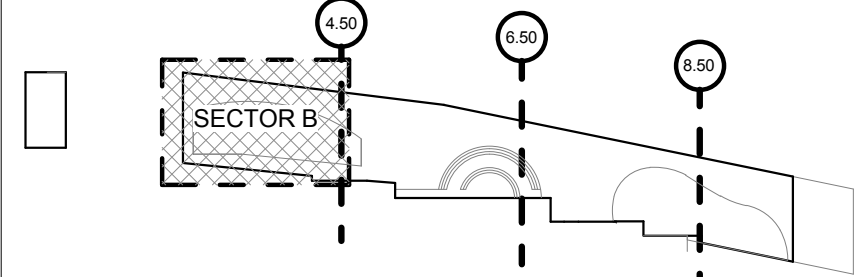
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1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/8" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

SECTOR A - FINISH FLOOR PLAN - LEVEL 1 (ICC)

DRAWING NUMBER
A-154.00

DRAWING TITLE
Sheet 84 of 315



- GENERAL NOTES FOR FINISHES:**
1. FINISH ABBREVIATIONS TO BE USED AS A GUIDE TO FINISH PLANS. SEE SPECIFICATIONS AND FINISH SCHEDULE ON A-820.
 2. ALL WALL AND FLOOR FINISHES TO MEET CODE REQUIRED FLAME SPREAD RATINGS
 3. PAINT ALL GYPSUM BOARD CEILING AND UNDERSIDE OF SOFFITS P-X UNLESS OTHERWISE NOTED
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 14. PAINT ALL EXPOSED NON STAINLESS STEEL FERROUS METAL SURFACES EXPOSED AT STAIRS, STRINGERS, RISERS, BALUSTRADES, HANDRAILS, AND GRAUDRAILS TO BE PAINTED.
 15. PAINT COLOR THROUGHOUT ENTIRE PROJECT TO BE FINALIZED BY OWNER AND ARCHITECT.

FINISH DESIGNATION:

FLOOR FINISH	WALL FINISH
BASE FINISH	CEILING FINISH

FLOOR FINISH LEGEND
REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

	ACCESS FLOORING
	VCT TILE
	CARPET TILE
	TERRAZZO FLOOR TILE
	PORCELAIN TILE
	VINYL ROLL
	EPOXY
	SEALED CONCRETE

Shauqat Shaikh
REGISTERED ARCHITECT
No. 015267
STATE OF NEW YORK

Buildings APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub



SECTOR B - FINISH FLOOR PLAN - LEVEL 1
SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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LANDSCAPE ARCHITECT
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NEW YORK, NY 10021
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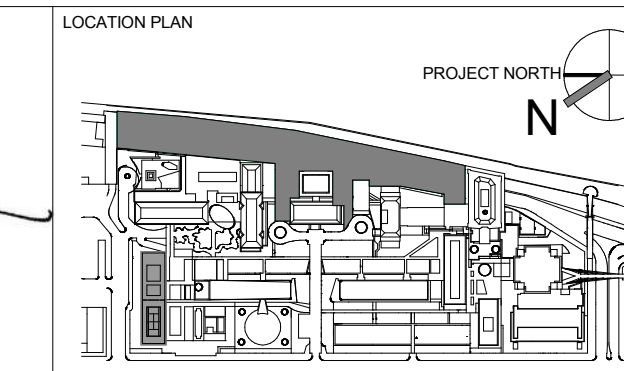
MEP / FP ENGINEER
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SPECIFICATION CONSULTANT
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T. 212.691.3248

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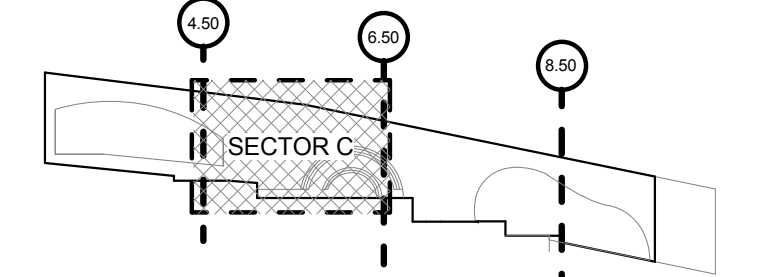
REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECT'S PROJECT NUMBER	664.100
DRAWING SIZE	24" x 36"
DRAWING SCALE	1/8" = 1'-0"
PROJECT PHASE	CONSTRUCTION DOCUMENTS

SECTOR B - FINISH FLOOR PLAN - LEVEL 1

DRAWING NUMBER: **A-155.00**
Sheet 85 of 315

DATE: 04/30/2016



GENERAL NOTES FOR FINISHES:

1. FINISH ABBREVIATIONS TO BE USED AS A GUIDE TO FINISH PLANS. SEE SPECIFICATIONS AND FINISH SCHEDULE ON A-820.
2. ALL WALL AND FLOOR FINISHES TO MEET CODE REQUIRED FLAME SPREAD RATINGS
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15. PAINT COLOR THROUGHOUT ENTIRE PROJECT TO BE FINALIZED BY OWNER AND ARCHITECT.

FINISH DESIGNATION:

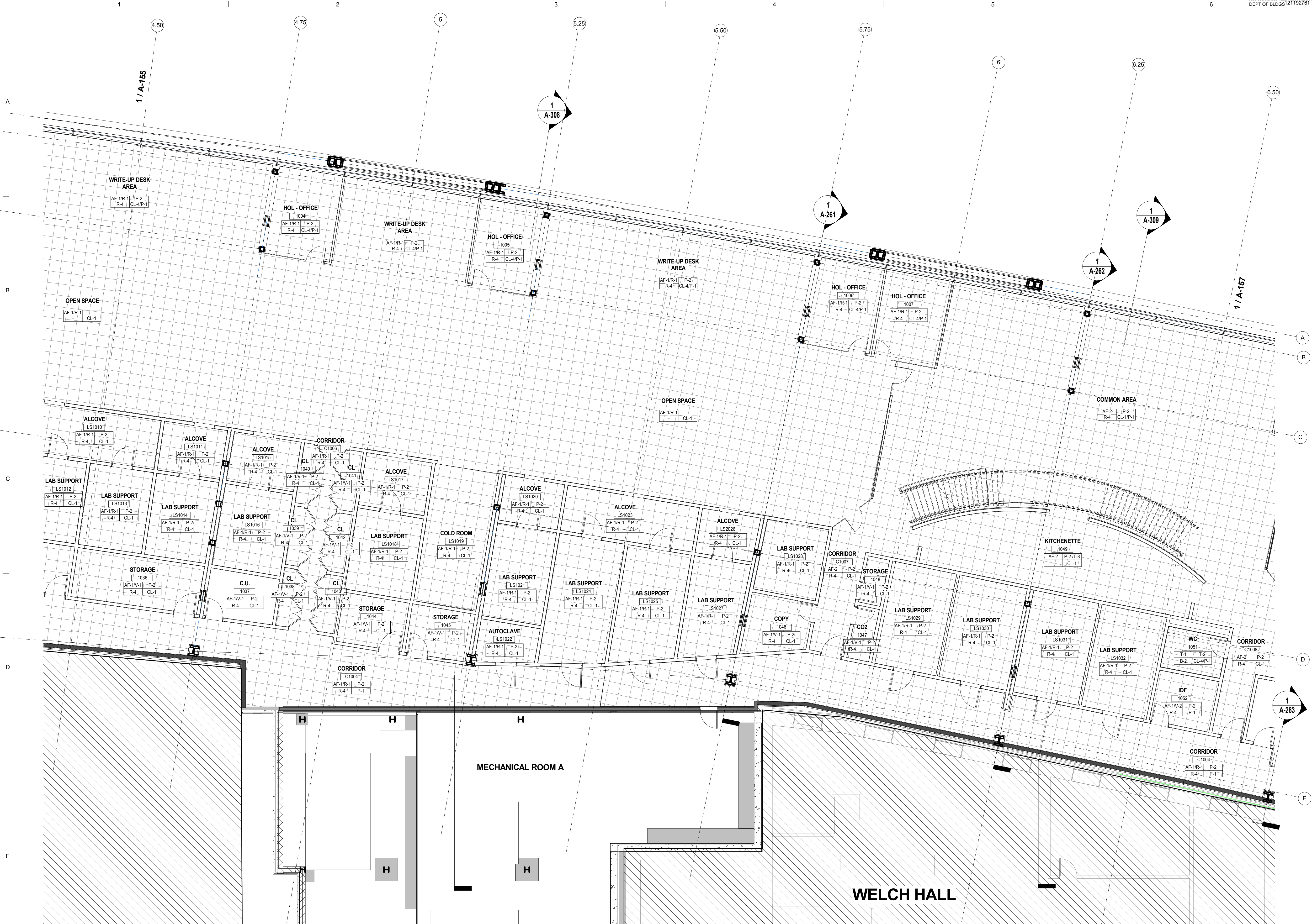
FLOOR FINISH	WALL FINISH
BASE FINISH	CEILING FINISH

FLOOR FINISH LEGEND

REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

- ACCESS FLOORING
- VCT TILE
- CARPET TILE
- TERRAZZO FLOOR TILE
- PORCELAIN TILE
- VINYL ROLL
- EPOXY
- SEALED CONCRETE

Shauqat Shaikh
Shauqat Shaikh
Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
NYC Development Hub



SECTOR C - FINISH FLOOR PLAN - LEVEL 1
 SCALE: 1/8" = 1'-0"

The Rockefeller University
 RIVER BUILDING
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ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

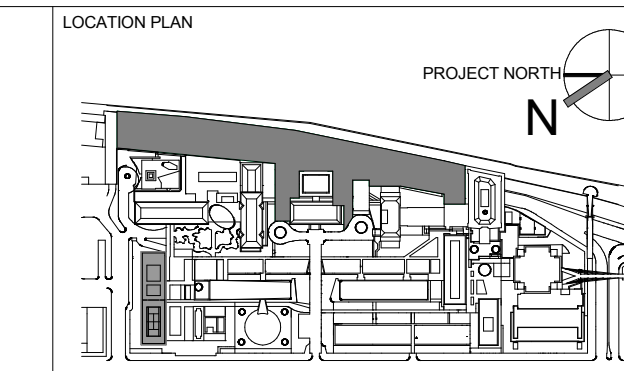
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
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INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
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 NEW YORK, NY 10018
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SPECIFICATION CONSULTANT
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 NEW YORK, NY 10018
 T. 212.691.3248

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ARCHITECT'S PROJECT NUMBER
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DRAWING SIZE
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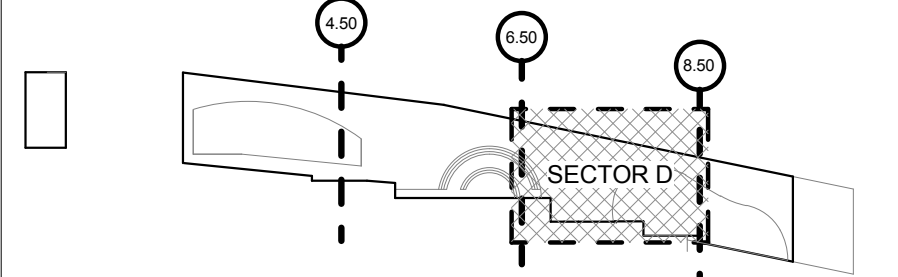
DRAWING SCALE
 1/8" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

SECTOR C - FINISH FLOOR PLAN - LEVEL 1

DRAWING NUMBER
A-156.00

Sheet 86 of 315



GENERAL NOTES FOR FINISHES:

1. FINISH ABBREVIATIONS TO BE USED AS A GUIDE TO FINISH PLANS. SEE SPECIFICATIONS AND FINISH SCHEDULE ON A-820.
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5. ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTERLINE OF DOOR LEAF UNLESS OTHERWISE NOTED
6. PRIOR TO INSTALLATION OF WALL FINISH, ALL WALLS SHALL HAVE HOLES AND CRACKS FILLED, BE SANDED SMOOTH, CLEANED AND FREE OF ANY IMPERFECTIONS IN PREPARATION TO ACCEPT FINISH SCHEDULE THROUGHOUT UNLESS OTHERWISE NOTED.
7. ALL INTERIOR ACCESS DOORS, VENTS, GRILLS, FIN TUBE COVERS, FIRE HOSE CABINETS AND SIMILAR TO BE PAINTED COLOR OF ADJACENT SURFACE UNLESS OTHERWISE NOTED.
8. ALL INTERIOR COLUMNS TO BE PAINTED COLOR OF ADJACENT SURFACE UNLESS OTHERWISE NOTED.
9. WHERE CARPET OCCURS, USE STRAIGHT COVE BASE UNLESS OTHERWISE NOTED.
10. INSIDE OF ELEVATOR HOSTWAYS TO RECEIVE 1 COAT OF LATEX PRIMER.
11. DOOR FINISH TO MATCH ARCHITECT'S SAMPLE. ALL HOLLOW METAL DOOR FRAMES TO RECEIVE PAINTABLE CAULKING AROUND FRAME AND DRYWALL JOINT.
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14. PAINT ALL EXPOSED NON STAINLESS STEEL FERROUS METAL SURFACES EXPOSED AT STAIRS, STRINGERS, RISERS, BALUSTRADES, HANDRAILS, AND GRAUDRAILS TO BE PAINTED.
15. PAINT COLOR THROUGHOUT ENTIRE PROJECT TO BE FINALIZED BY OWNER AND ARCHITECT.

FINISH DESIGNATION:

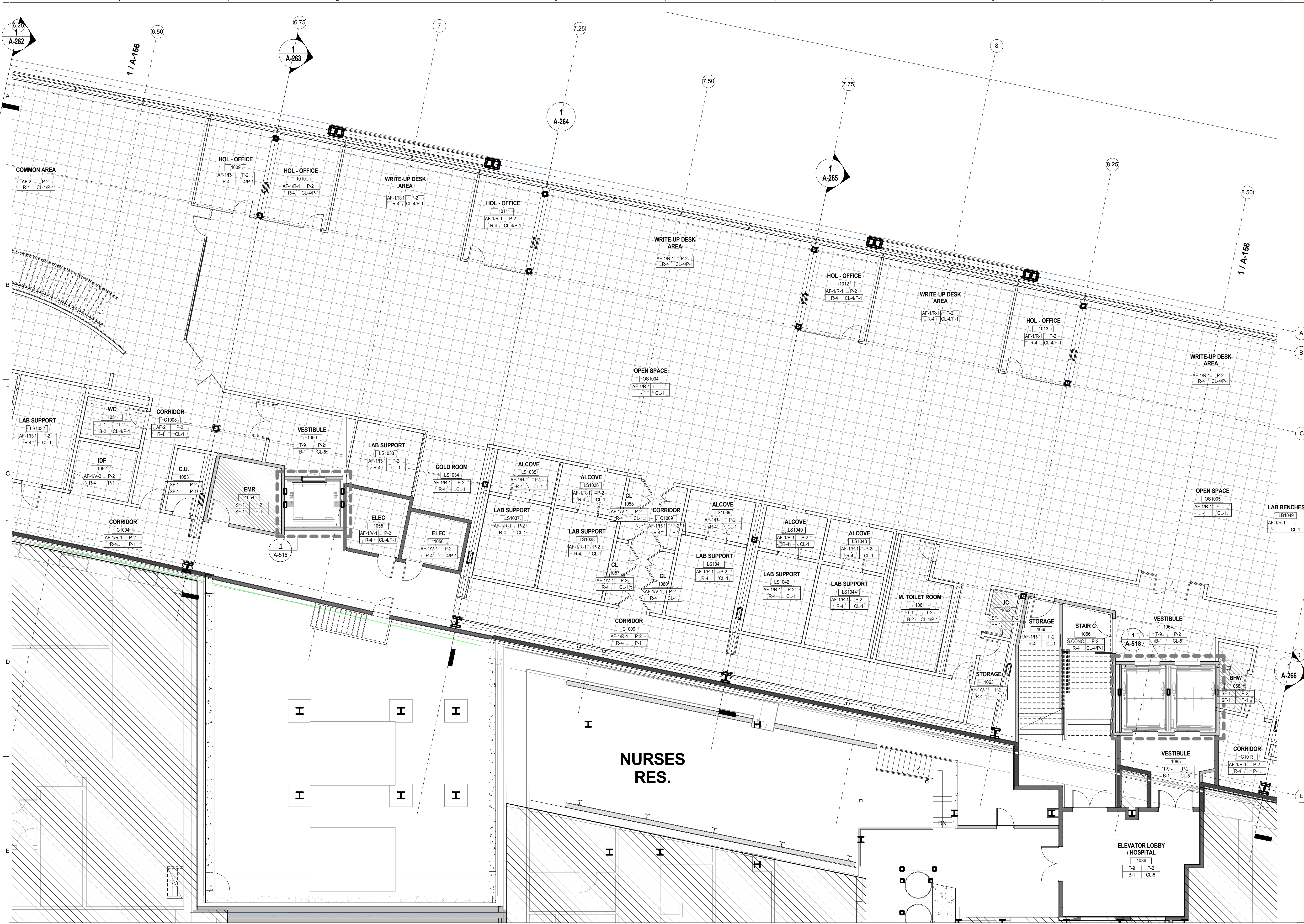
FLOOR FINISH	WALL FINISH
BASE FINISH	CEILING FINISH

FLOOR FINISH LEGEND

REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

- ACCESS FLOORING
- VCT TILE
- CARPET TILE
- TERRAZZO FLOOR TILE
- PORCELAIN TILE
- VINYL ROLL
- EPOXY
- SEALED CONCRETE

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SECTOR D - FINISH FLOOR PLAN - LEVEL 1
 SCALE: 1/8" = 1'-0"

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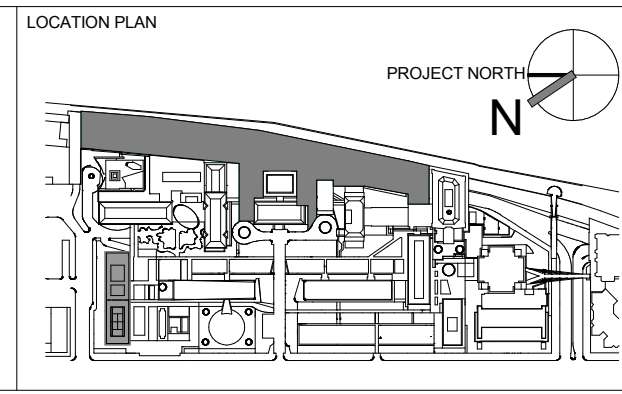
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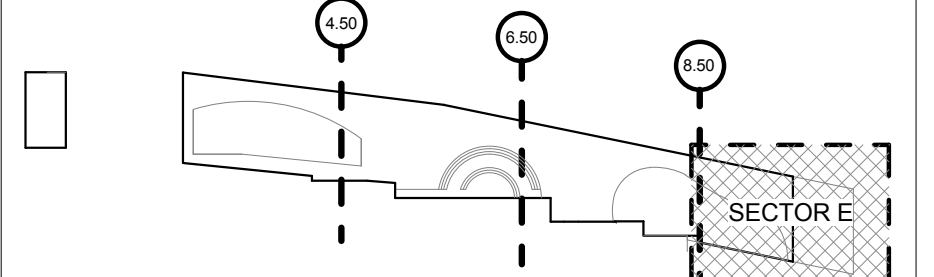
ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/8" = 1'-0"

SECTOR D - FINISH FLOOR PLAN - LEVEL 1

DRAWING NUMBER: **A-157.00**
 Sheet 87 of 135



- GENERAL NOTES FOR FINISHES:**
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BASE FINISH	CEILING FINISH

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	CARPET TILE
	TERRAZZO FLOOR TILE
	PORCELAIN TILE
	VINYL ROLL
	EPOXY
	SEALED CONCRETE

SECTOR E - FINISH FLOOR PLAN - LEVEL 1
SCALE: 1/8" = 1'-0" 1

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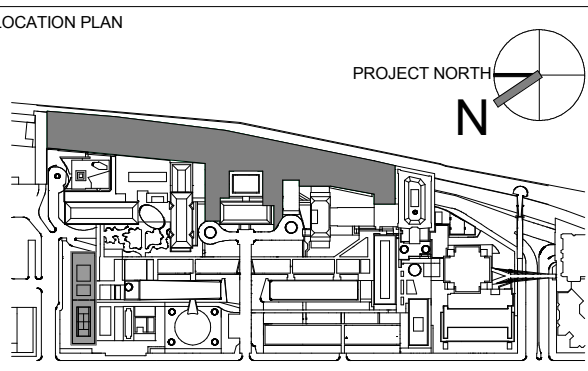
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1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

SECTOR E - FINISH FLOOR PLAN - LEVEL 1

DRAWING NUMBER: **A-158.00**

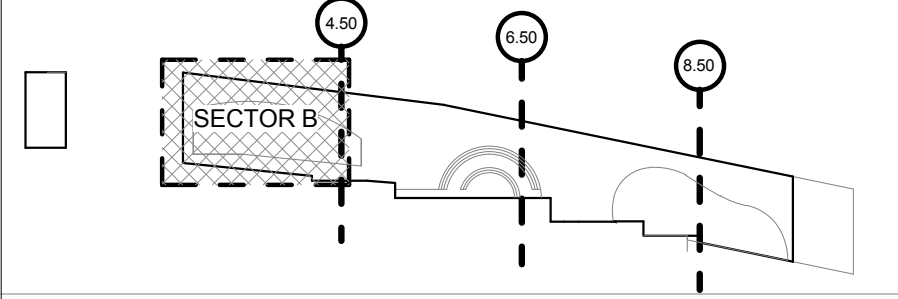
DATE: 04/30/2016

APPROVED BY: *Shauqat Shaikh*

BY: *Shauqat Shaikh*

DATE: 04/30/2016

NYC Development Hub



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BASE FINISH	CEILING FINISH

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	TERRAZZO FLOOR TILE
	PORCELAIN TILE
	VINYL ROLL
	EPOXY
	SEALED CONCRETE

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SECTOR B - FINISH FLOOR PLAN - LEVEL 2
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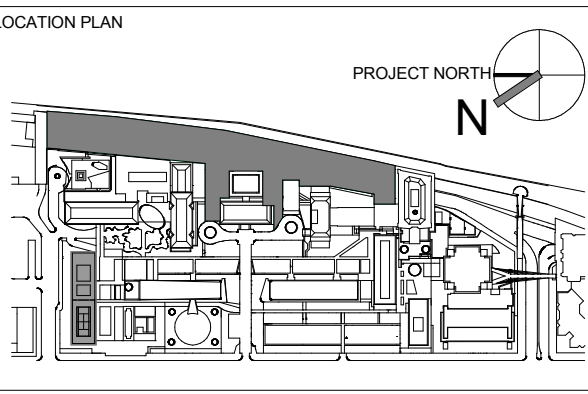
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NEW YORK, NY 10018
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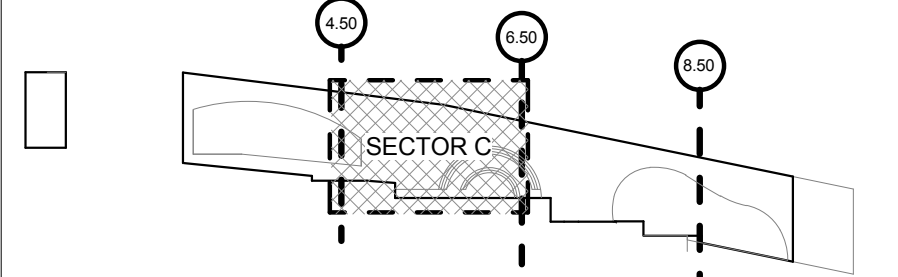
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D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

SECTOR B - FINISH FLOOR PLAN - LEVEL 2

DRAWING NUMBER: **A-160.00**
Sheet 89 of 315



GENERAL NOTES FOR FINISHES:

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FINISH DESIGNATION:

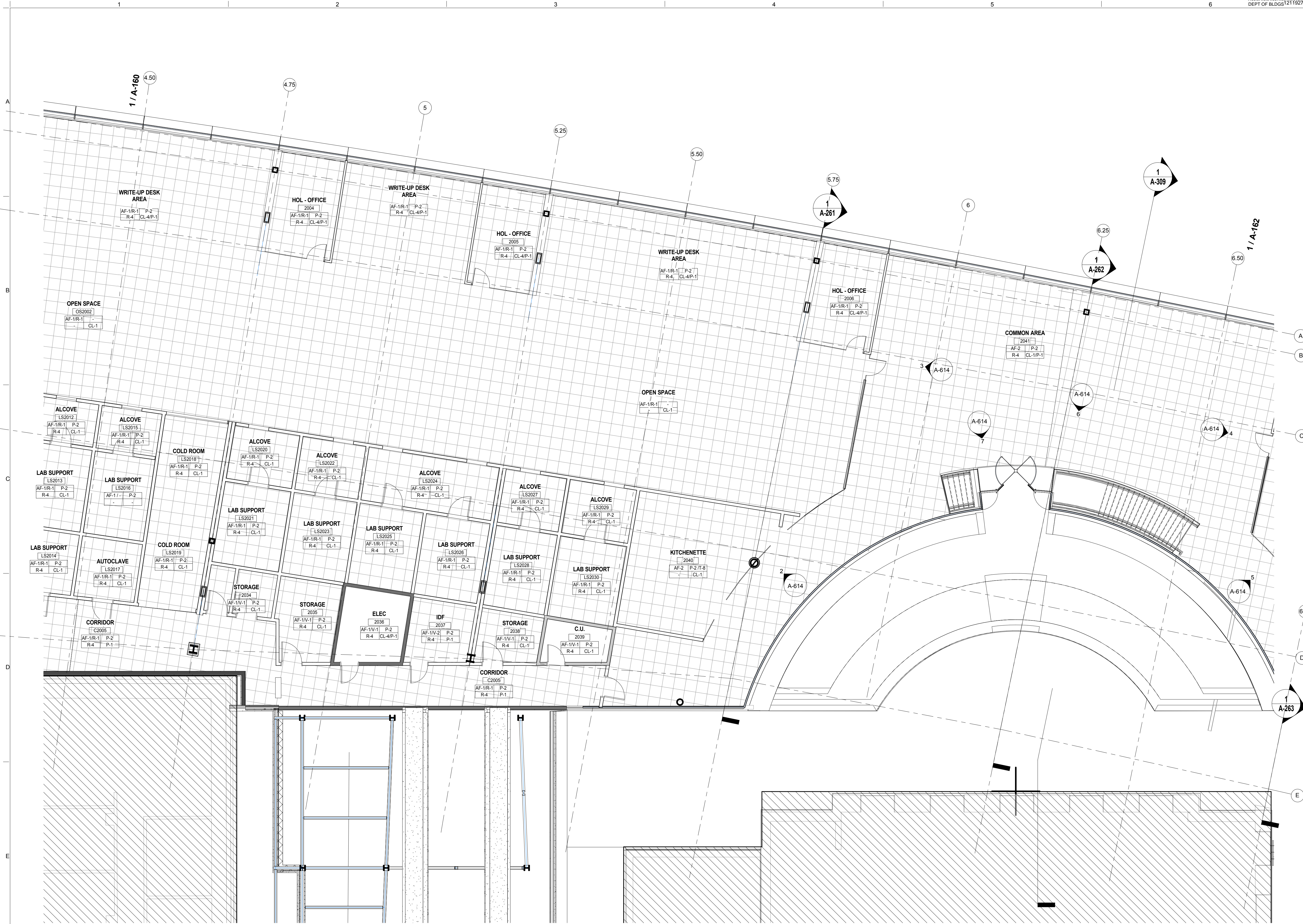
FLOOR FINISH	WALL FINISH
BASE FINISH	CEILING FINISH

FLOOR FINISH LEGEND

REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

- ACCESS FLOORING
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SECTOR C - FINISH FLOOR PLAN - LEVEL 2
 SCALE: 1/8" = 1'-0" 1

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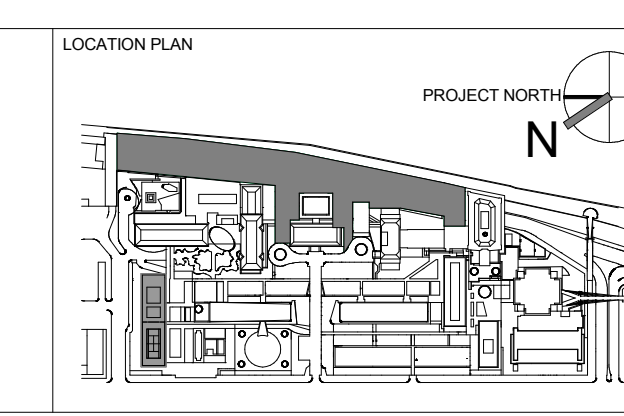
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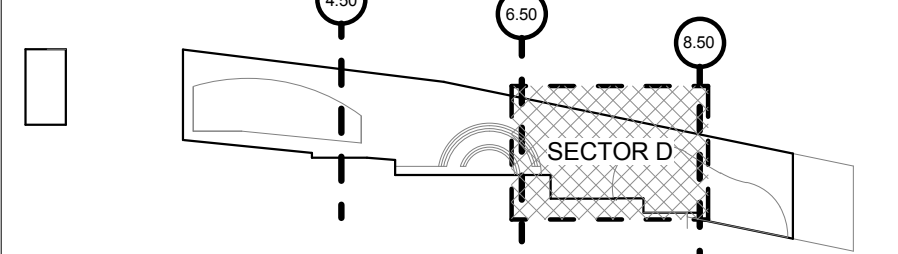
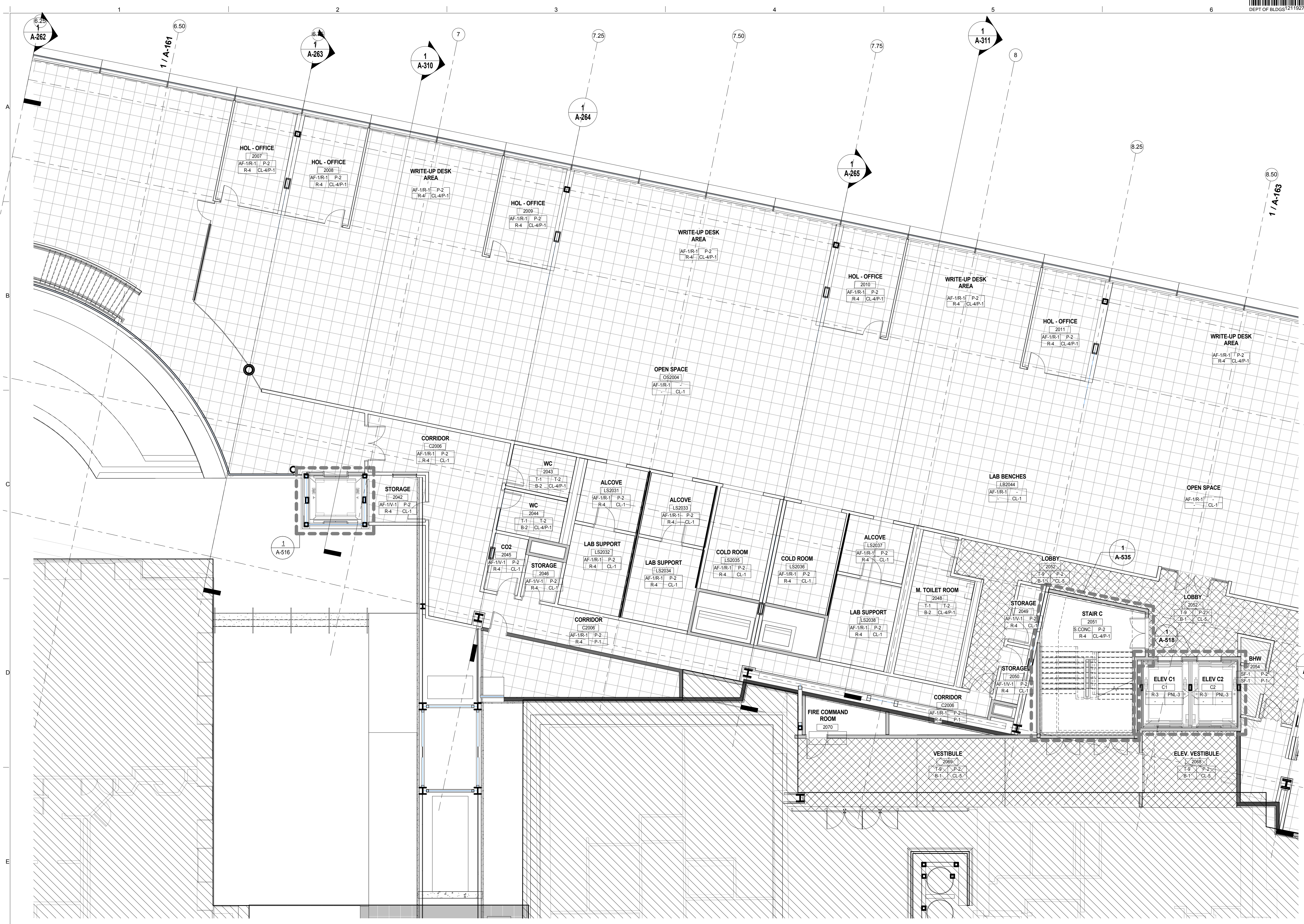
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REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
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ARCHITECT'S PROJECT NUMBER
 664.100
DRAWING SIZE
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DRAWING SCALE
 1/8" = 1'-0"
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

SECTOR C - FINISH FLOOR PLAN - LEVEL 2
 DRAWING NUMBER
A-161.00
 SHEET 90 OF 315
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SECTOR D - FINISH FLOOR PLAN - LEVEL 2
SCALE: 1/8" = 1'-0"

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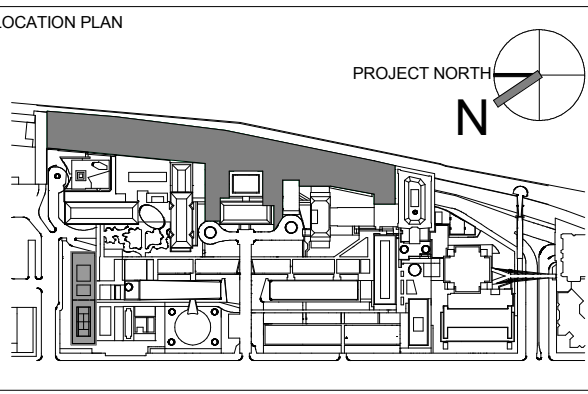
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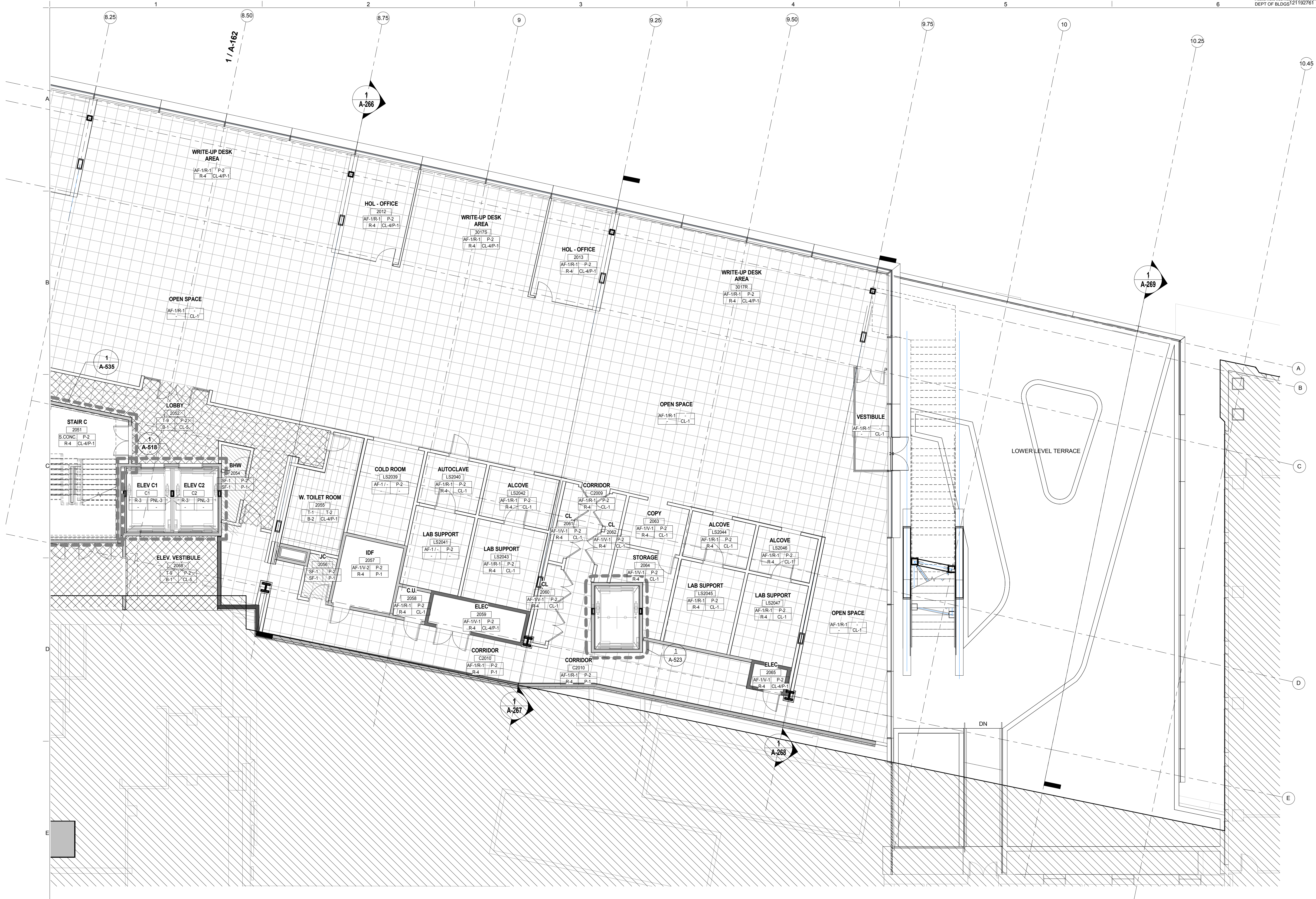
REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/8" = 1'-0"

SECTOR D - FINISH FLOOR PLAN - LEVEL 2

DRAWING NUMBER: **A-162.00**

Sheet 91 of 315

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- GENERAL NOTES FOR FINISHES:**
1. FINISH ABBREVIATIONS TO BE USED AS A GUIDE TO FINISH PLANS. SEE SPECIFICATIONS AND FINISH SCHEDULE ON A-820.
 2. ALL WALL AND FLOOR FINISHES TO MEET CODE REQUIRED FLAME SPREAD RATINGS
 3. PAINT ALL GYPSUM BOARD CEILING AND UNDERSIDE OF SOFFITS P-X UNLESS OTHERWISE NOTED
 4. ALL INTERIORS OF DUCTS BEHIND EXPOSED GRILLS, REGISTERS, DIFFUSERS AND AIR INTAKES TO RECEIVE FLAT PAINT BLACK UNLESS CALLED OUT AS ADJACENT ACCENT PAINT
 5. ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTERLINE OF DOOR LEAF UNLESS OTHERWISE NOTED
 6. PRIOR TO INSTALLATION OF WALL FINISH, ALL WALLS SHALL HAVE HOLES AND CRACKS FILLED, BE SANDED SMOOTH, CLEANED AND FREE OF ANY IMPERFECTIONS IN PREPARATION TO ACCEPT FINISH SCHEDULE THROUGHOUT UNLESS OTHERWISE NOTED.
 7. ALL INTERIOR ACCESS DOORS, VENTS, GRILLS, FIN TUBE COVERS, FIRE HOSE CABINETS AND SIMILAR TO BE PAINTED COLOR OF ADJACENT SURFACE UNLESS OTHERWISE NOTED.
 8. ALL INTERIOR COLUMNS TO BE PAINTED COLOR OF ADJACENT SURFACE UNLESS OTHERWISE NOTED.
 9. WHERE CARPET OCCURS, USE STRAIGHT COVE BASE UNLESS OTHERWISE NOTED.
 10. INSIDE OF ELEVATOR HOSTWAYS TO RECEIVE 1 COAT OF LATEX PRIMER.
 11. DOOR FINISH TO MATCH ARCHITECT'S SAMPLE. ALL HOLLOW METAL DOOR FRAMES TO RECEIVE PAINTABLE CAULKING AROUND FRAME AND DRYWALL JOINT.
 12. ALL HOLLOW METAL DOORS, DOOR FRAMES, WINDOW FRAMES AND MISCELLANEOUS MILLWORK SCHEDULED TO BE PAINTED. PAINT TO MATCH ADJACENT WALL COLOR UNLESS OTHERWISE NOTED. PAINT BOTH SIDES OF HOLLOW METAL DOORS AND FRAMES. WHERE DOOR FRAME HAS TWO COLORS, THE COLOR TO TERMINATE AT INSIDE EDGE OF DOOR JAMB ON ROOM SIDE AS TYPICAL.
 13. ALL EXPOSED COMPONENTS OF OVERHEAD DOORS, COILS, AND GRILLS TO HAVE ARCHITECT'S APPROVED FINISH OF MANUFACTURER'S SELECTION OR TO RECEIVE P-X AS NECESSARY UNLESS OTHERWISE NOTED.
 14. PAINT ALL EXPOSED NON STAINLESS STEEL FERROUS METAL SURFACES EXPOSED AT STAIRS, STRINGERS, RISERS, BALUSTRADES, HANDRAILS, AND GRAUDRAILS TO BE PAINTED.
 15. PAINT COLOR THROUGHOUT ENTIRE PROJECT TO BE FINALIZED BY OWNER AND ARCHITECT.

FINISH DESIGNATION:

FLOOR FINISH	WALL FINISH
BASE FINISH	CEILING FINISH

FLOOR FINISH LEGEND
REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

	ACCESS FLOORING
	VCT TILE
	CARPET TILE
	TERRAZZO FLOOR TILE
	PORCELAIN TILE
	VINYL ROLL
	EPOXY
	SEALED CONCRETE

Shauqat Shaikh

Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
NYC Development Hub

SECTOR E - FINISH FLOOR PLAN - LEVEL 2
SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

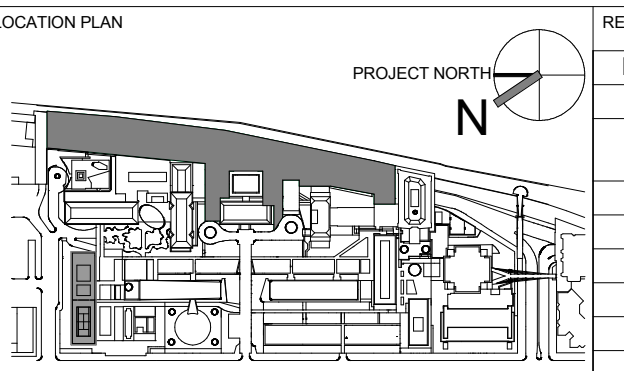
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 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

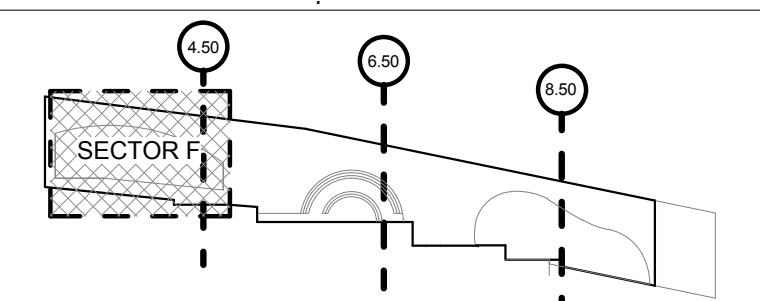
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1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/8" = 1'-0"

SECTOR E - FINISH FLOOR PLAN - LEVEL 2

DRAWING NUMBER: **A-163.00**
 SHEET 92 OF 315



- GENERAL NOTES FOR FINISHES:**
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FINISH DESIGNATION:

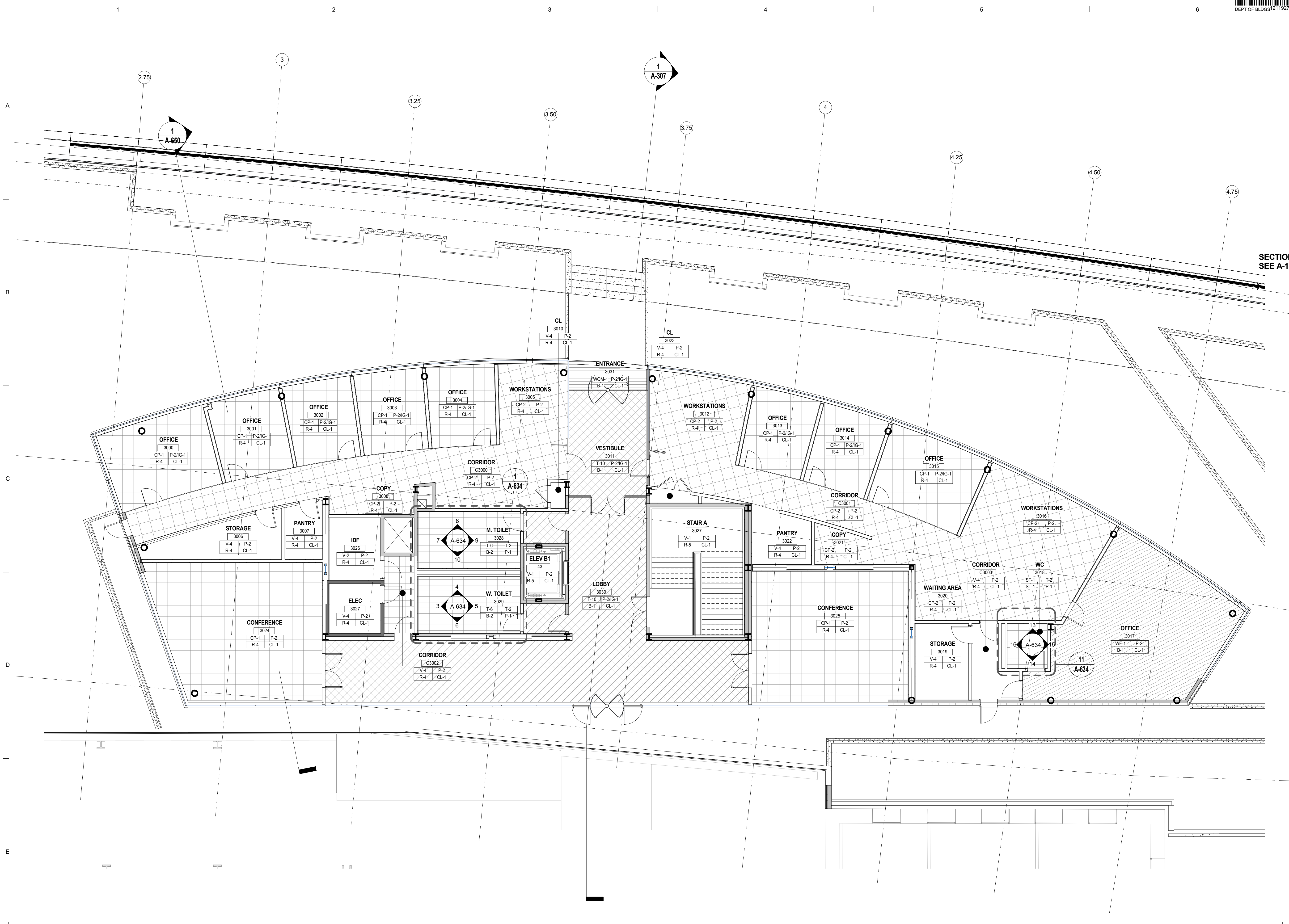
FLOOR FINISH	WALL FINISH
BASE FINISH	CEILING FINISH

FLOOR FINISH LEGEND
REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

- ACCESS FLOORING
- VCT TILE
- CARPET TILE
- TERRAZO FLOOR TILE
- PORCELAIN TILE
- VINYL ROLL
- EPOXY
- SEALED CONCRETE

Shauqat Shaikh
REGISTERED ARCHITECT
No. 015267
STATE OF NEW YORK

Buildings APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub



SECTOR F - FINISH PLAN - LEVEL 3
SCALE: 1/8" = 1'-0" 1

The Rockefeller University
1901
SCIENTIA • PRO • BONO • HUMANI • GENIUS

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

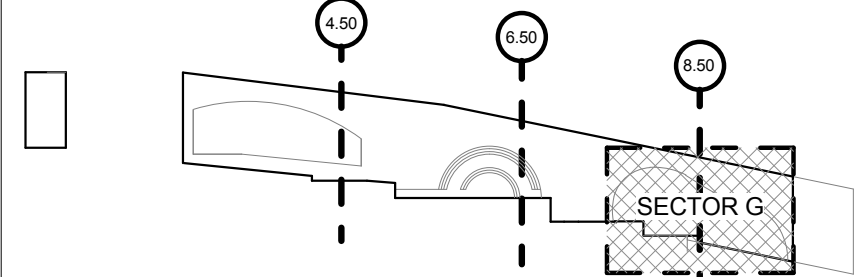
ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.
CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 156 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790	SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
No. 015267
STATE OF NEW YORK

LOCATION PLAN

REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE	SECTOR F - FINISH FLOOR PLAN - LEVEL 3
DRAWING NUMBER	A-164.00
PROJECT PHASE	CONSTRUCTION DOCUMENTS



- GENERAL NOTES FOR FINISHES:**
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 15. PAINT COLOR THROUGHOUT ENTIRE PROJECT TO BE FINALIZED BY OWNER AND ARCHITECT.

FINISH DESIGNATION:

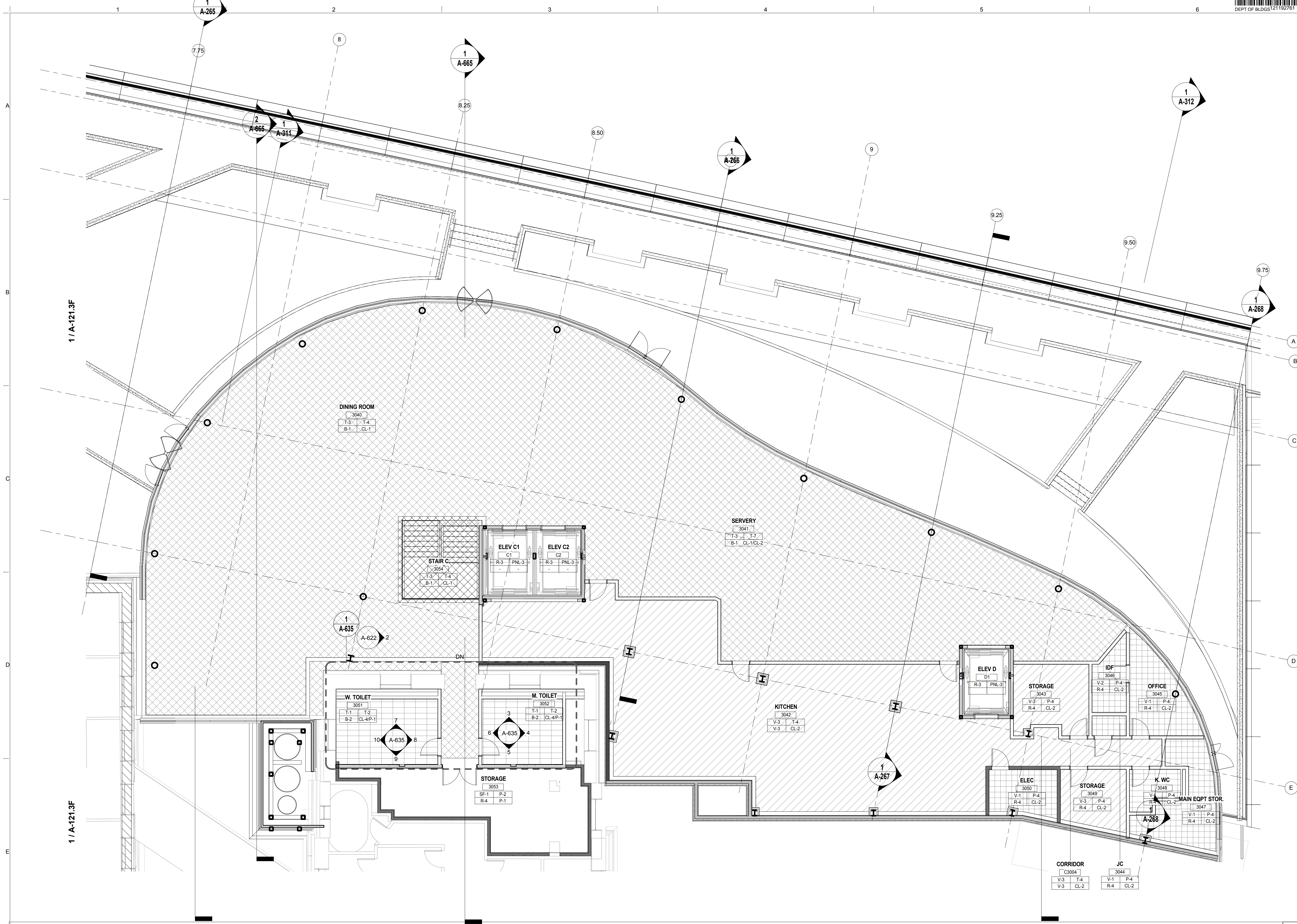
FLOOR FINISH	WALL FINISH
BASE FINISH	CEILING FINISH

FLOOR FINISH LEGEND

REFER TO FINISH TAG FOR SPECIFIC FINISH MATERIALS

- ACCESS FLOORING
- VCT TILE
- CARPET TILE
- TERRAZZO FLOOR TILE
- PORCELAIN TILE
- VINYL ROLL
- EPOXY
- SEALED CONCRETE

Shauqat Shaikh
Shauqat Shaikh
Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
NYC Development Hub



SECTOR G - FINISH PLAN - LEVEL 3
 SCALE: 1/8" = 1'-0" 1

The Rockefeller University
 RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

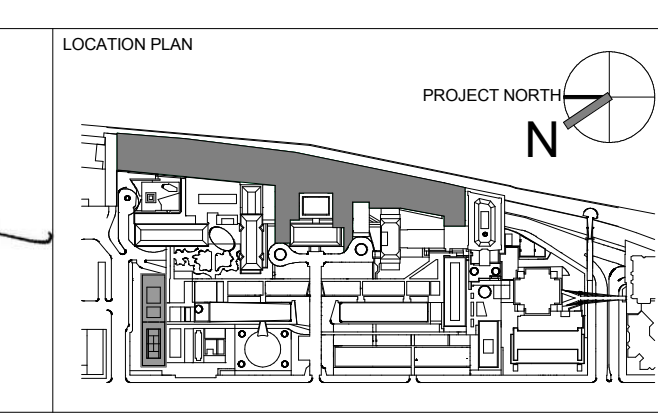
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROADWAY
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECT'S PROJECT NUMBER
 664.100

DRAWING SIZE
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DRAWING SCALE
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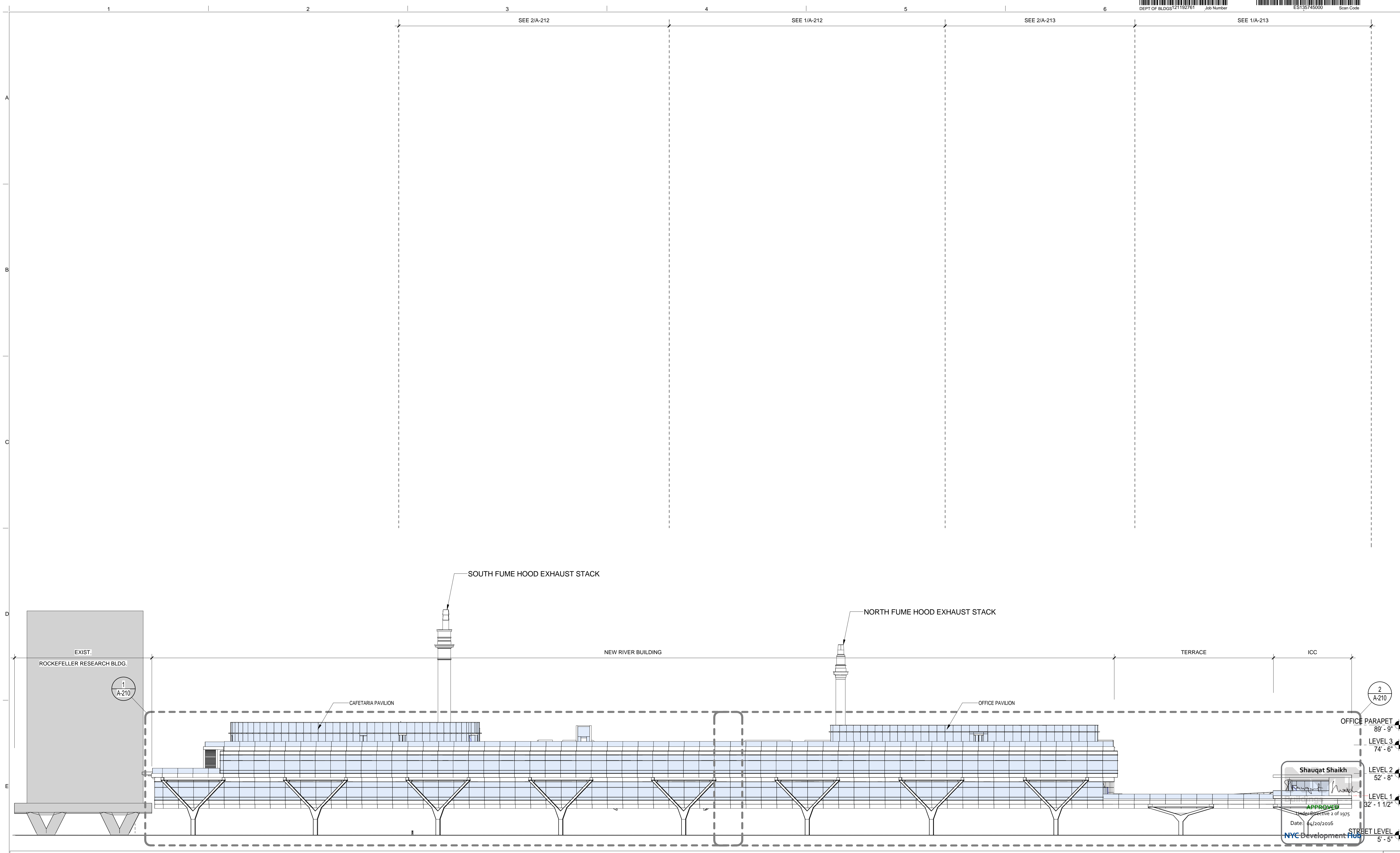
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

SECTOR G- FINISH FLOOR PLAN - LEVEL 3

DRAWING NUMBER
A-165.00

Sheet 94 of 315

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Shauqat Shaikh
Shauqat Shaikh
 APPROVED
 Under Directive 2 of 1975
 Date: 6/30/2016
 NYC Development Corp

BUILDING ELEVATION EAST
 SCALE: 1/32" = 1'-0"

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

The Rockefeller University
 1901
 SCIENTIA • PRO • BONO • HUMANI • GENIUS

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

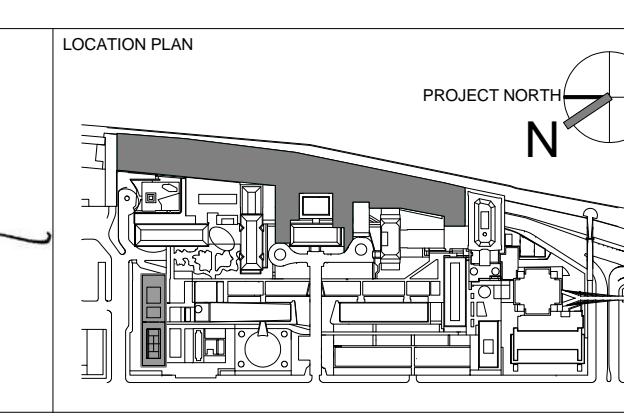
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 THORNTON TOMASETTI, INC.
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 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
 NEW YORK, NY 10016
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INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 158 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	FIREPROOFING PACKAGE	19-NOV-15
5	OER SUBMISSION	01-DEC-15
6	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
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DRAWING SCALE
 1/32" = 1'-0"

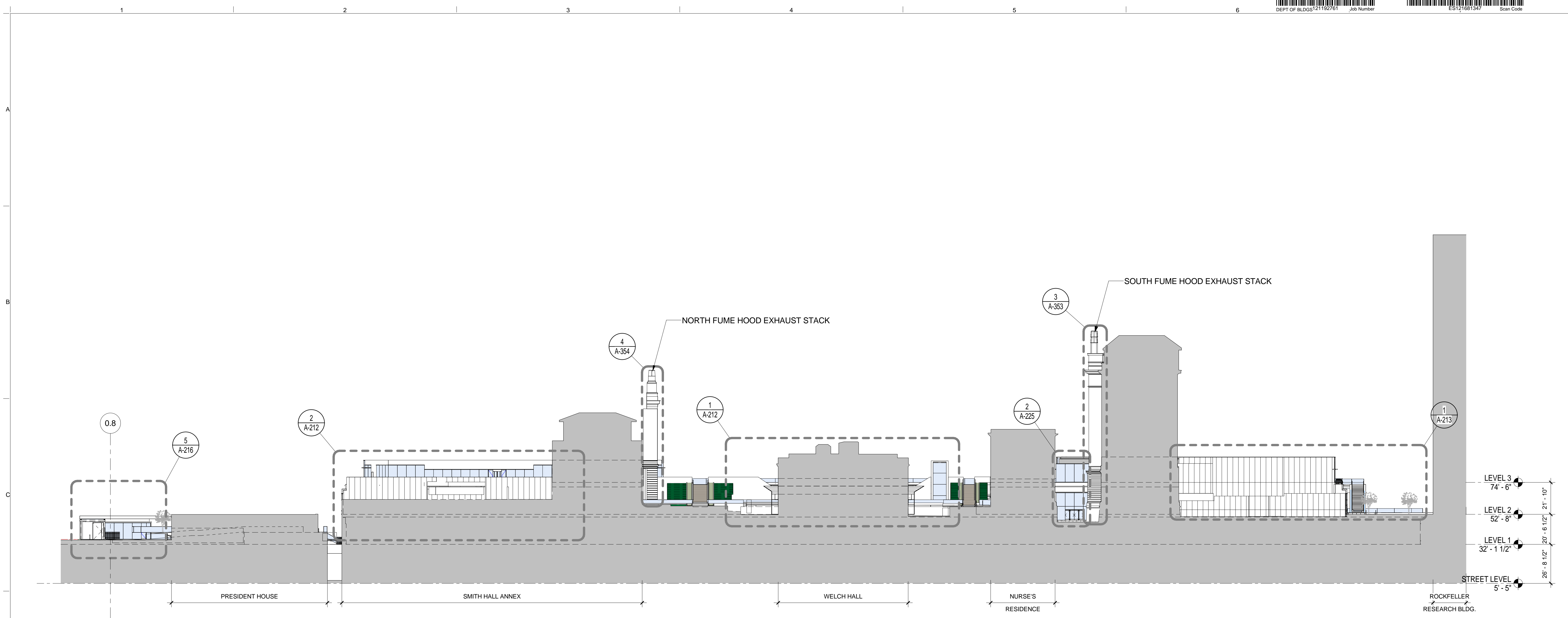
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

OVERALL BUILDING ELEVATIONS

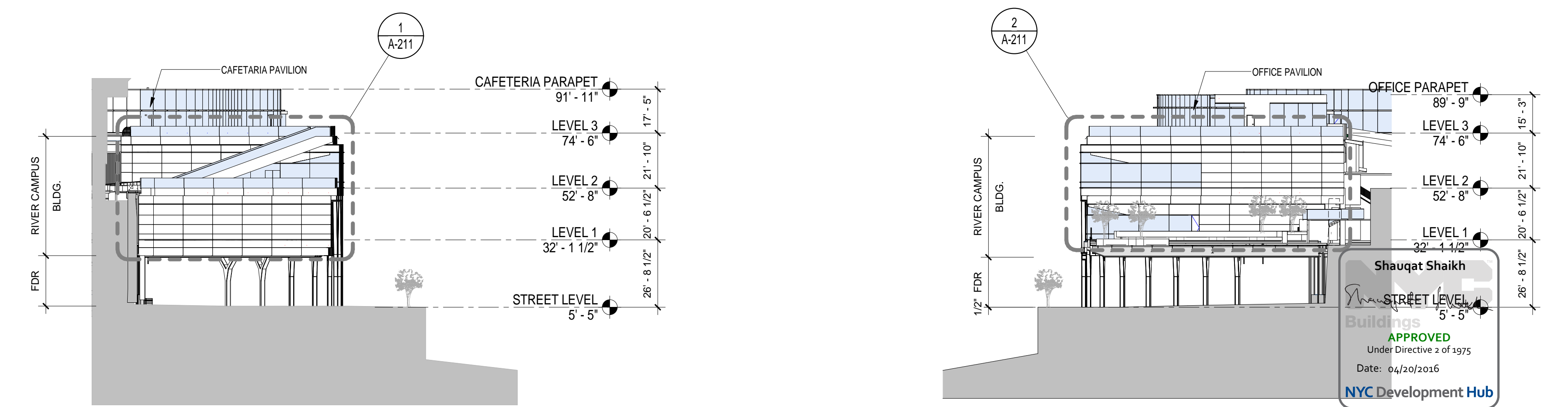
DRAWING NUMBER: **A-200.00** | DOB REV: **1**

Sheet 95 of 315

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WEST ELEVATION
SCALE: 1/32" = 1'-0" **3**



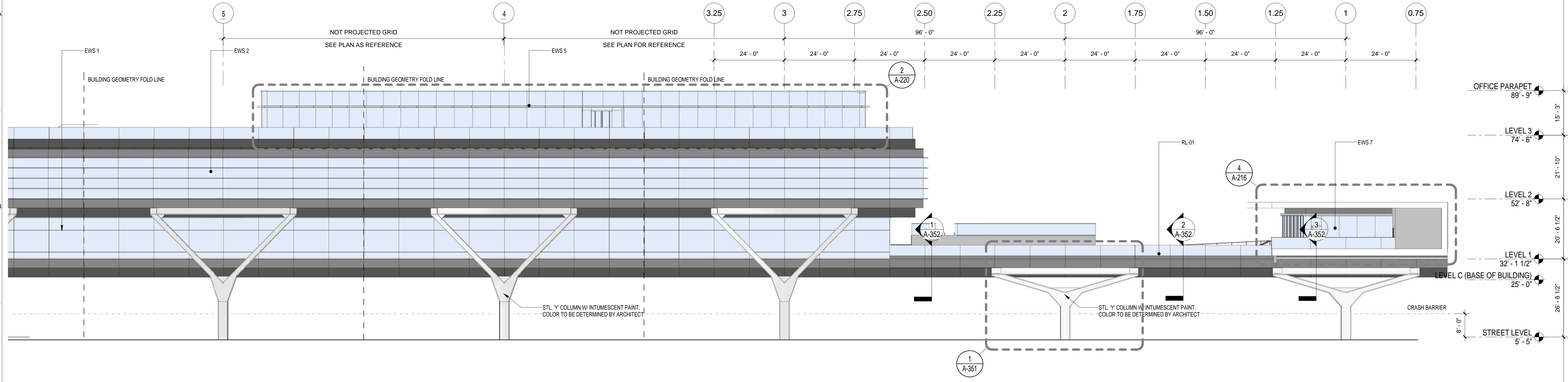
SOUTH ELEVATION
SCALE: 1/32" = 1'-0" **2**

NORTH ELEVATION
SCALE: 1/32" = 1'-0" **1**

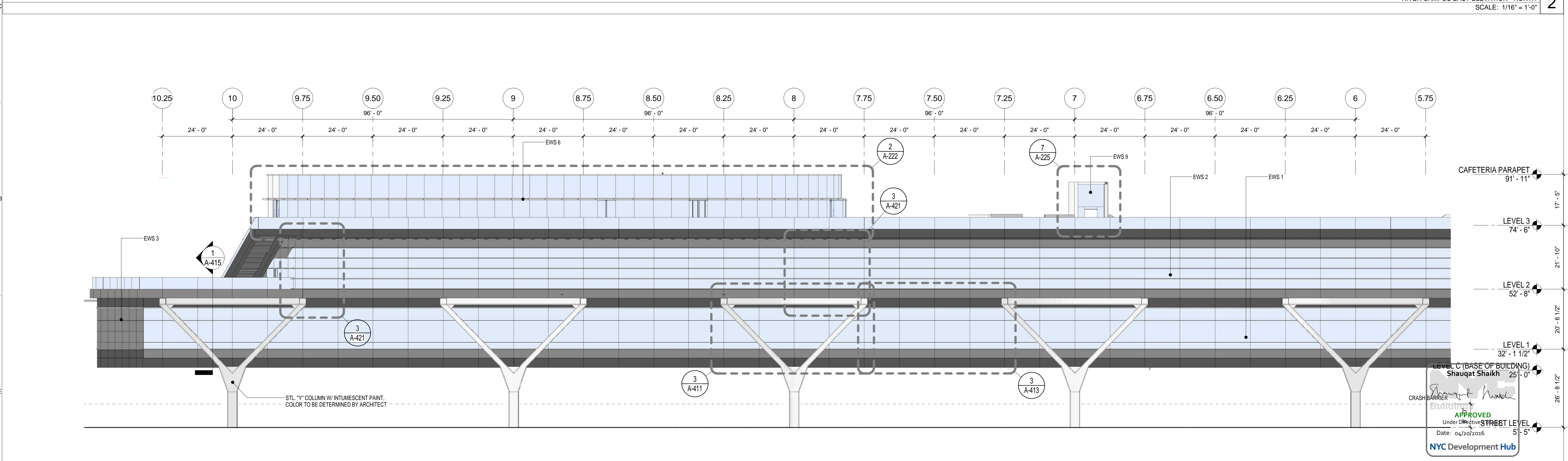
<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL</p>	<p>LOCATION PLAN</p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>ARCHITECTS PROJECT NUMBER</th> <th>DRAWING TITLE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PRELIMINARY BUILDING ENCLOSURE PACKAGE</td> <td>19-JAN-15</td> <td>664.100</td> <td>OVERALL BUILDING ELEVATIONS</td> </tr> <tr> <td>2</td> <td>DESIGN DEVELOPMENT</td> <td>27-FEB-15</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>OER SUBMISSION</td> <td>01-DEC-15</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>DOB SUBMISSION - RB</td> <td>16-DEC-15</td> <td></td> <td></td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE	1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	664.100	OVERALL BUILDING ELEVATIONS	2	DESIGN DEVELOPMENT	27-FEB-15			3	PROGRESS SET	30-OCT-15			4	OER SUBMISSION	01-DEC-15			5	DOB SUBMISSION - RB	16-DEC-15			<p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING NUMBER A-201.00</p> <p>Sheet 96 of 315</p>
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BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



RIVER CAMPUS EAST ELEVATION - NORTH
SCALE: 1/16" = 1'-0" **2**



RIVER CAMPUS EAST ELEVATION - SOUTH
SCALE: 1/16" = 1'-0" **1**

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
T. 212.924.5060 F. 212.924.5858

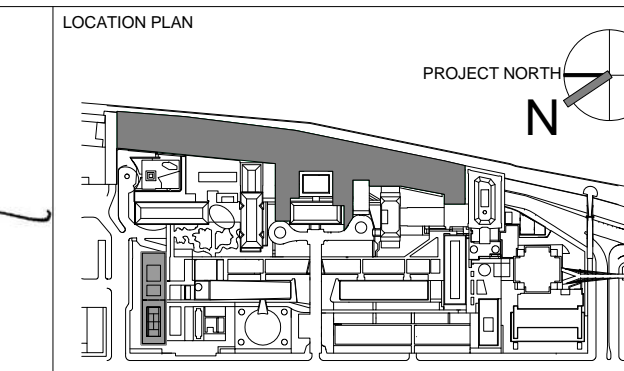
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

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BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
158 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
NICHOLAS BAMBINO
No. 015267
STATE OF NEW YORK

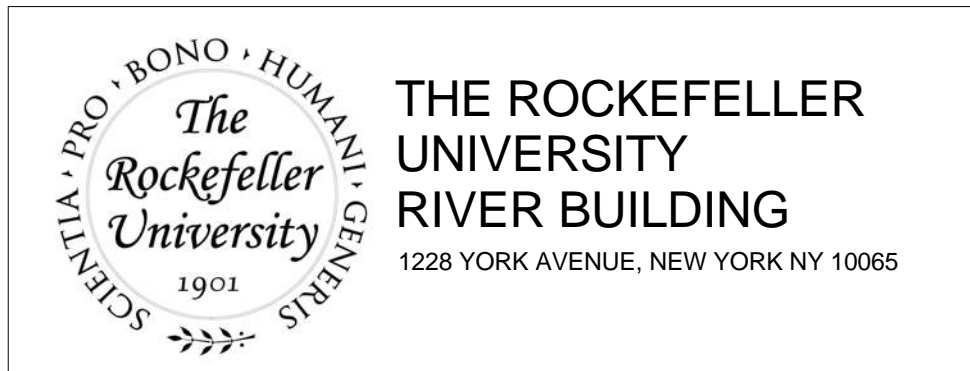


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	24' x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE
4	PROGRESS SET ADD1	XX-NOV-15	As indicated
4	DOB SUBMISSION -RB	16-DEC-15	

BUILDING ELEVATIONS - EAST

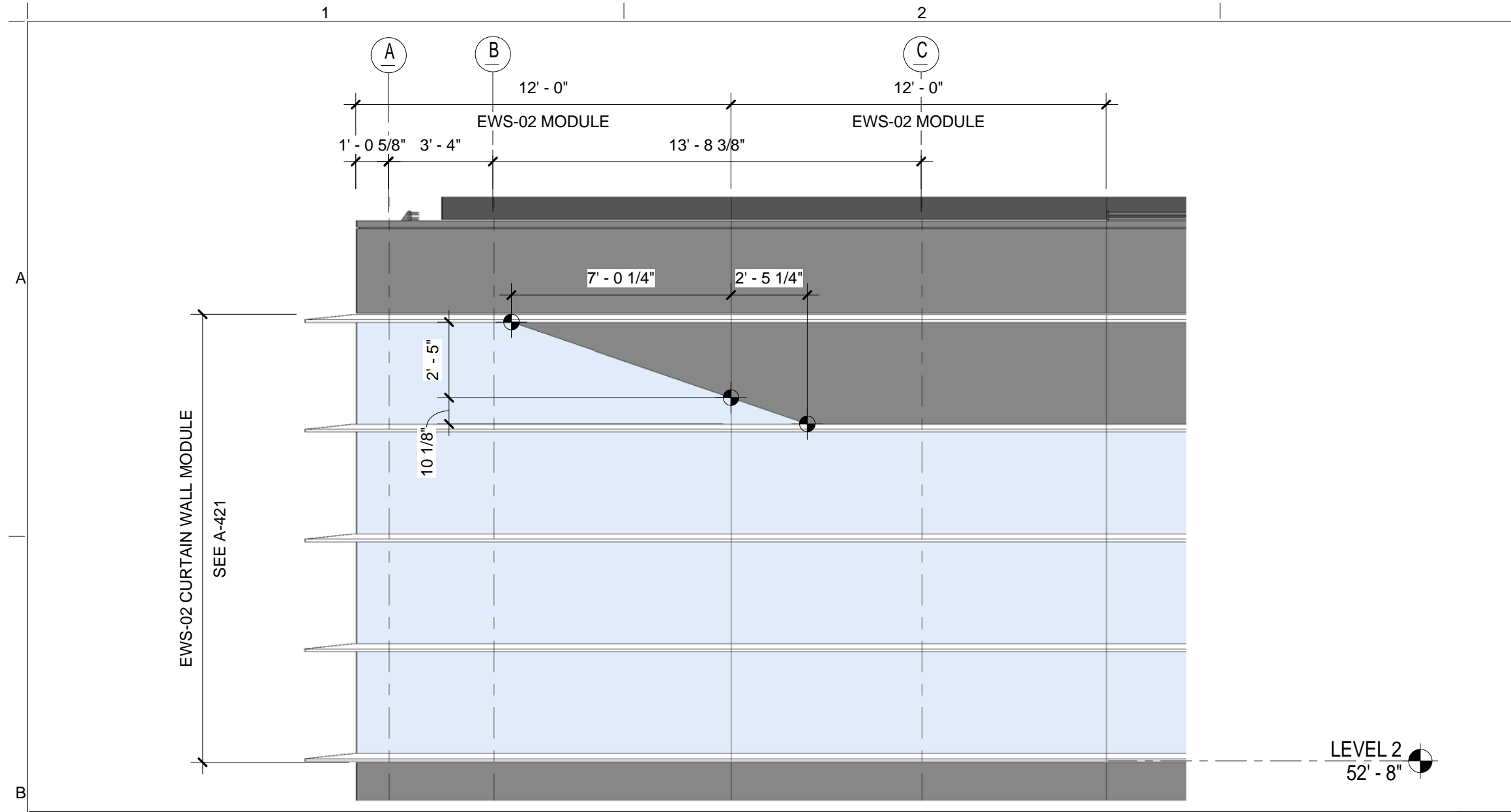
DRAWING NUMBER: **A-210.00**
Sheet 97 of 315

DATE: 04/30/2016
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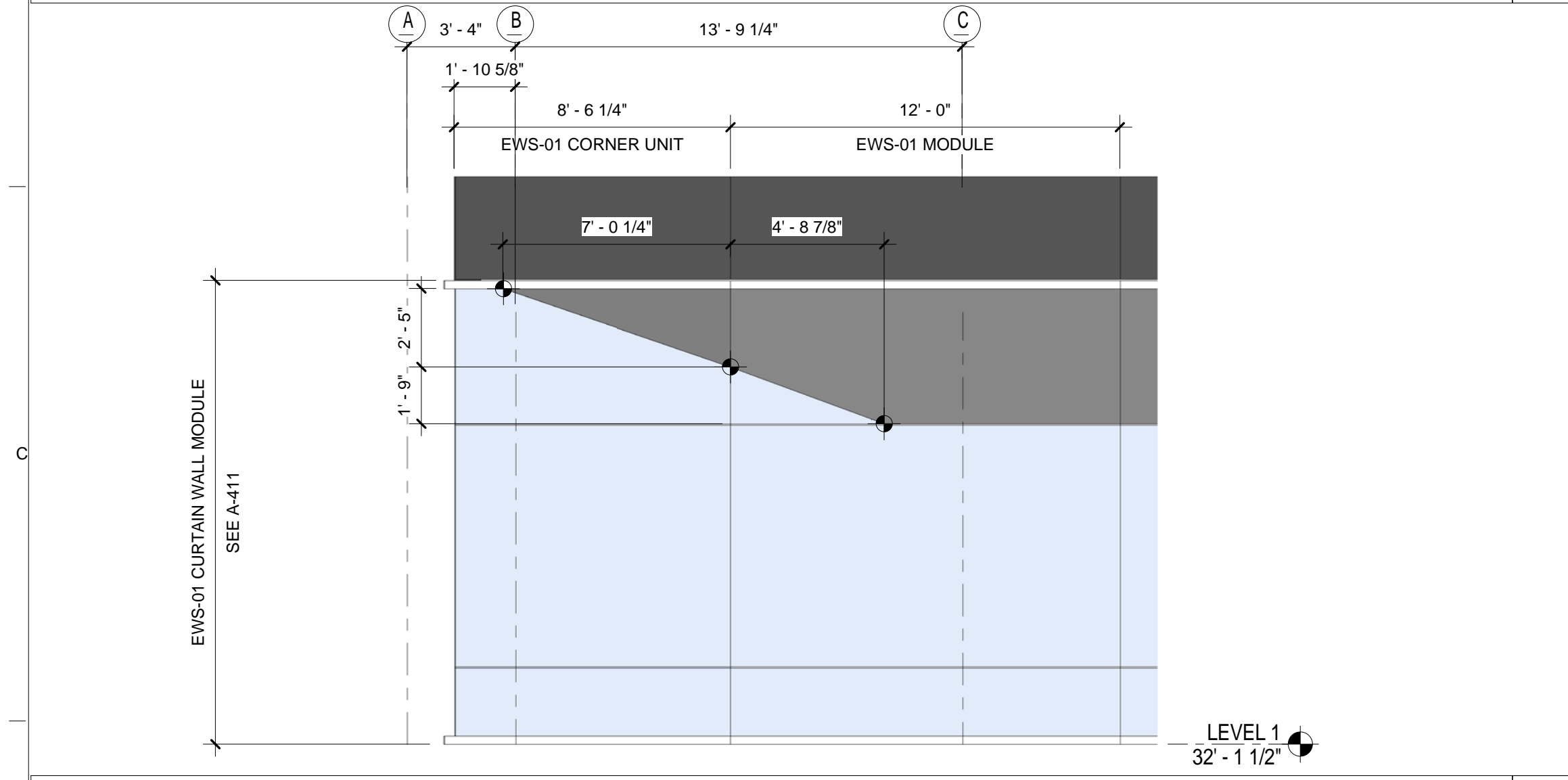


BUILDING ENCLOSURE GENERAL NOTES

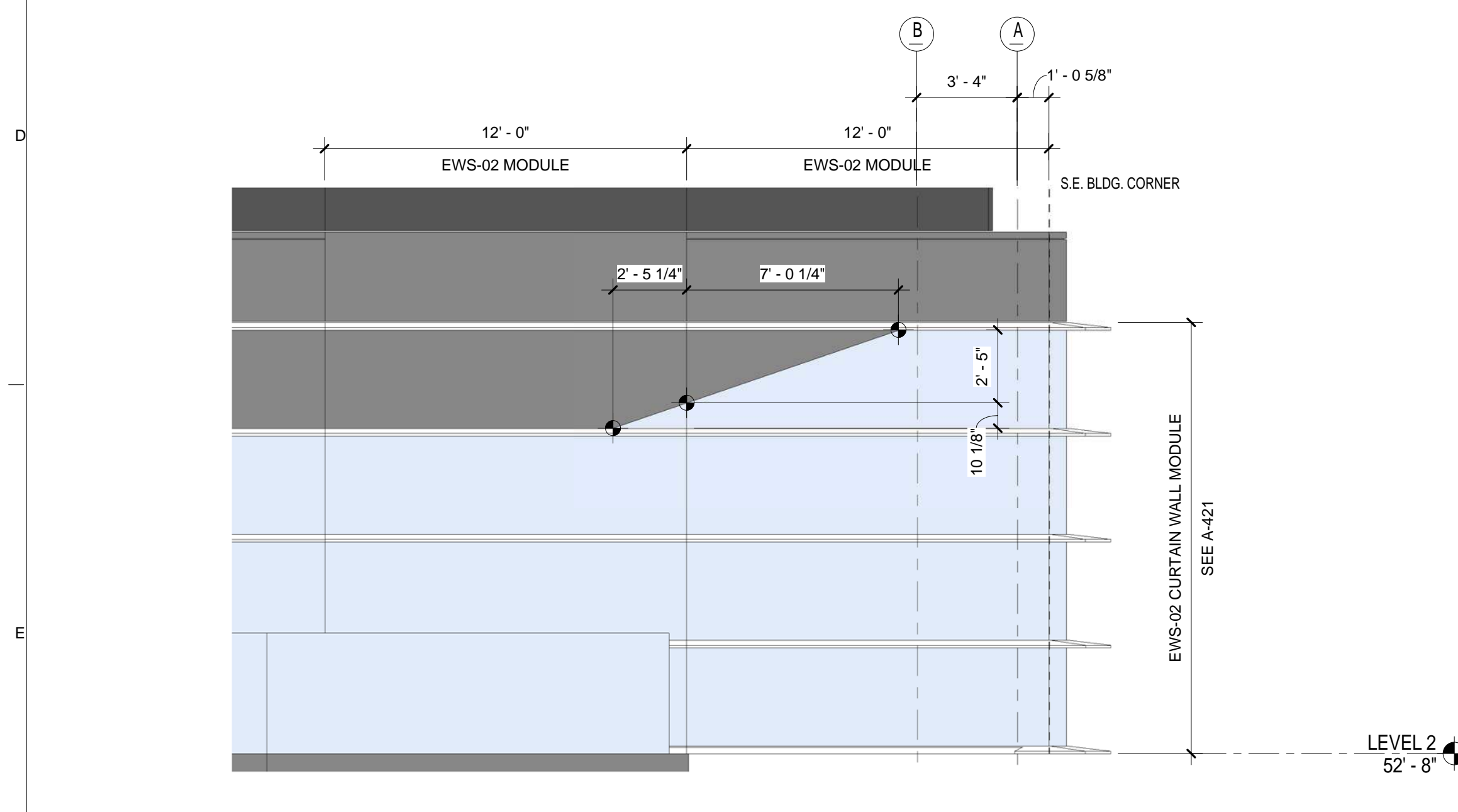
1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



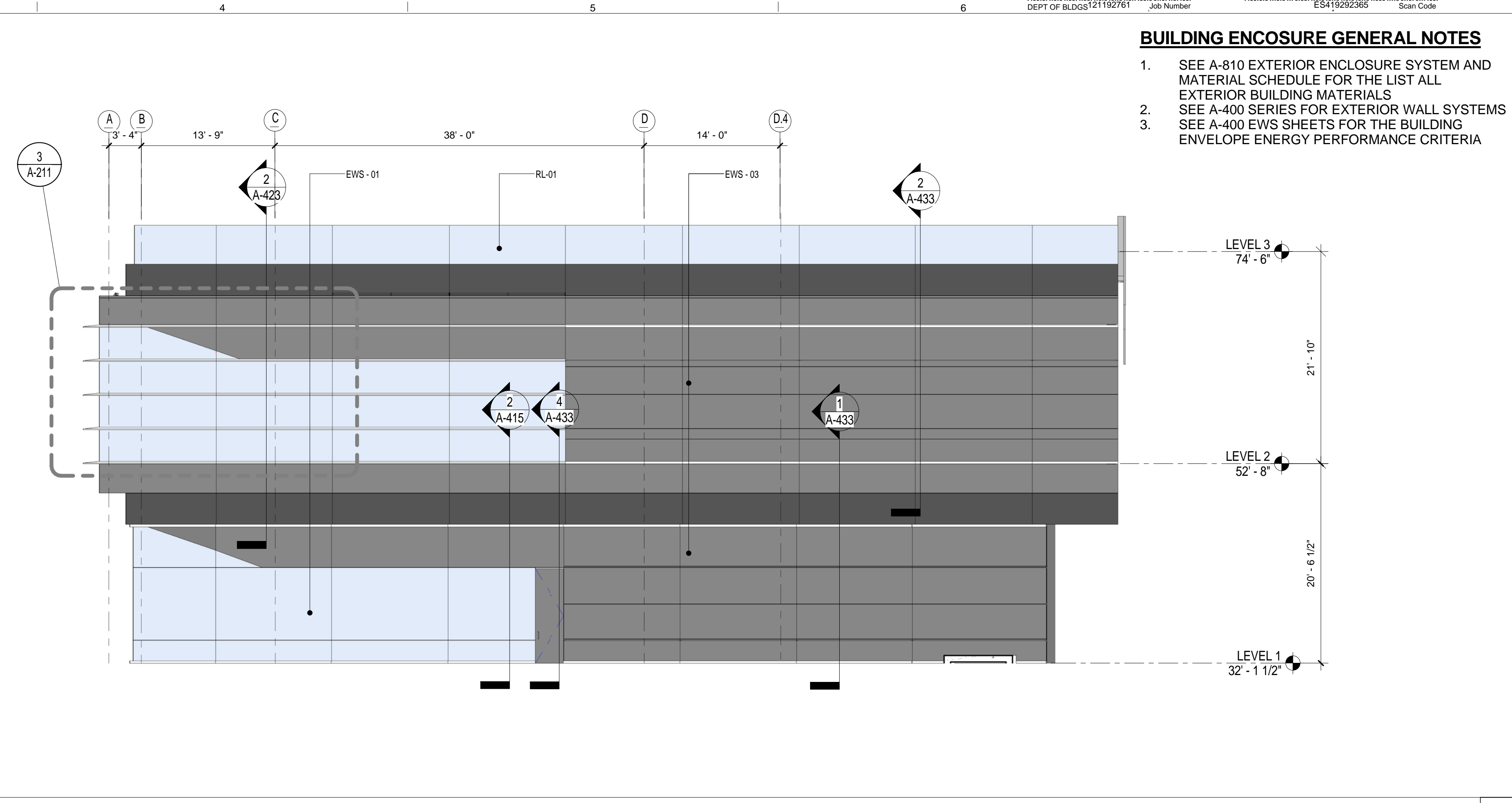
RIVER CAMPUS ELEVATION - NORTH DETAIL
SCALE: 1/4" = 1'-0"



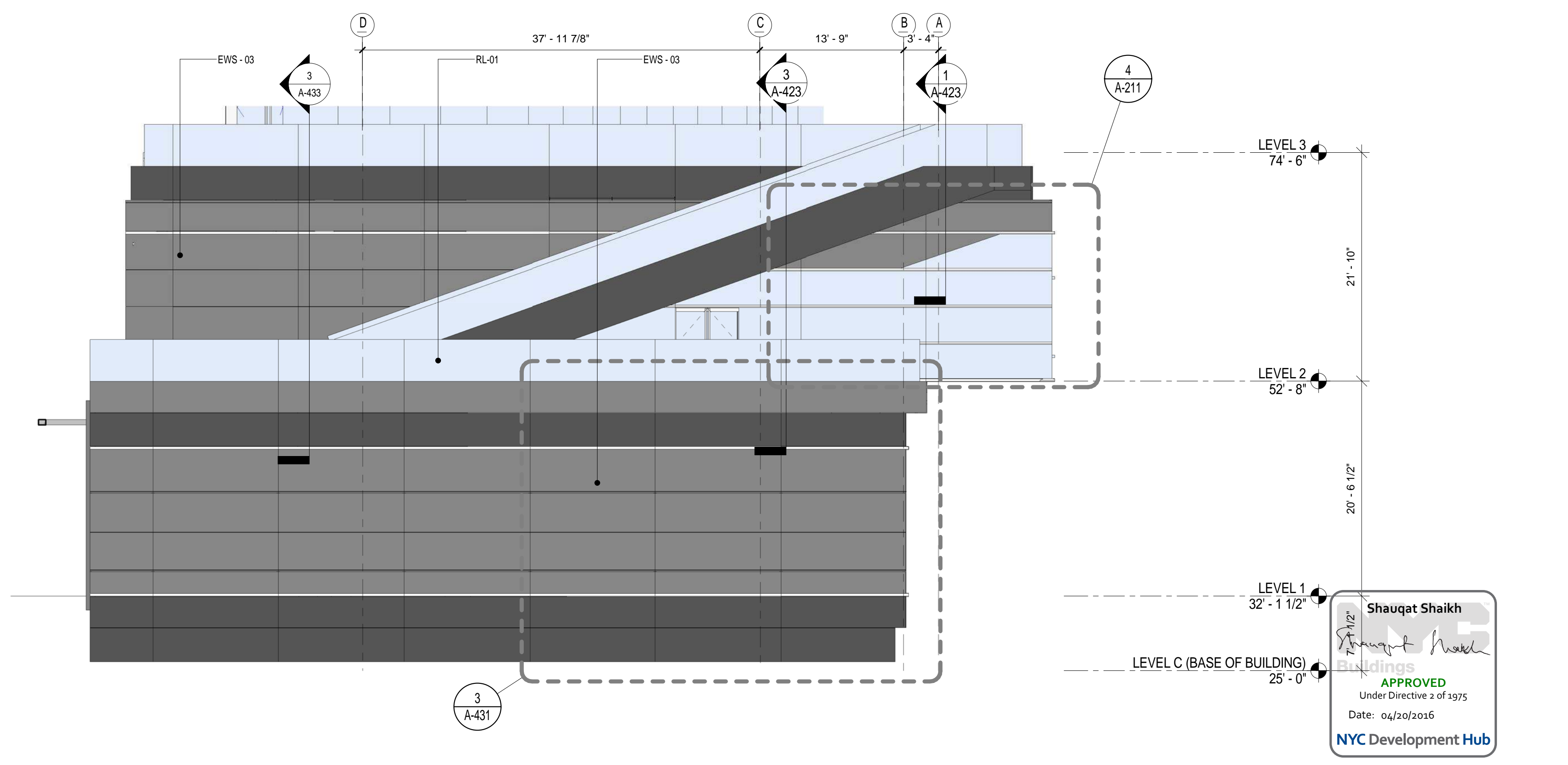
RIVER CAMPUS ELEVATION - NORTH EWS TYPE 1 DETAIL
SCALE: 1/4" = 1'-0"



RIVER CAMPUS ELEVATION - SOUTH DETAIL
SCALE: 1/4" = 1'-0"



RIVER CAMPUS ELEVATION - NORTH
SCALE: 1/8" = 1'-0"



RIVER CAMPUS ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"

Shauqat Shaikh
APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
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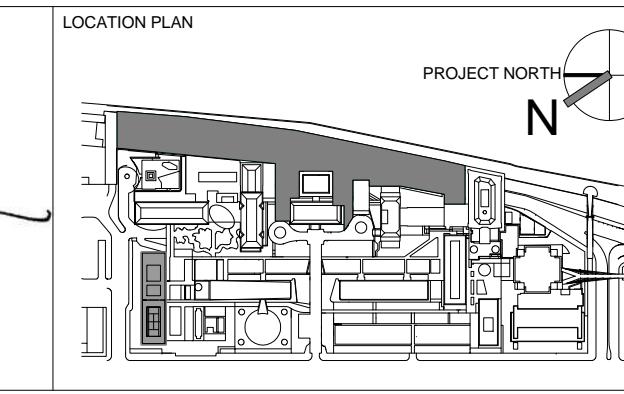
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL.
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T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
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SPECIFICATION CONSULTANT
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NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
NICHOLAS BARONIA
No. 015267
STATE OF NEW YORK

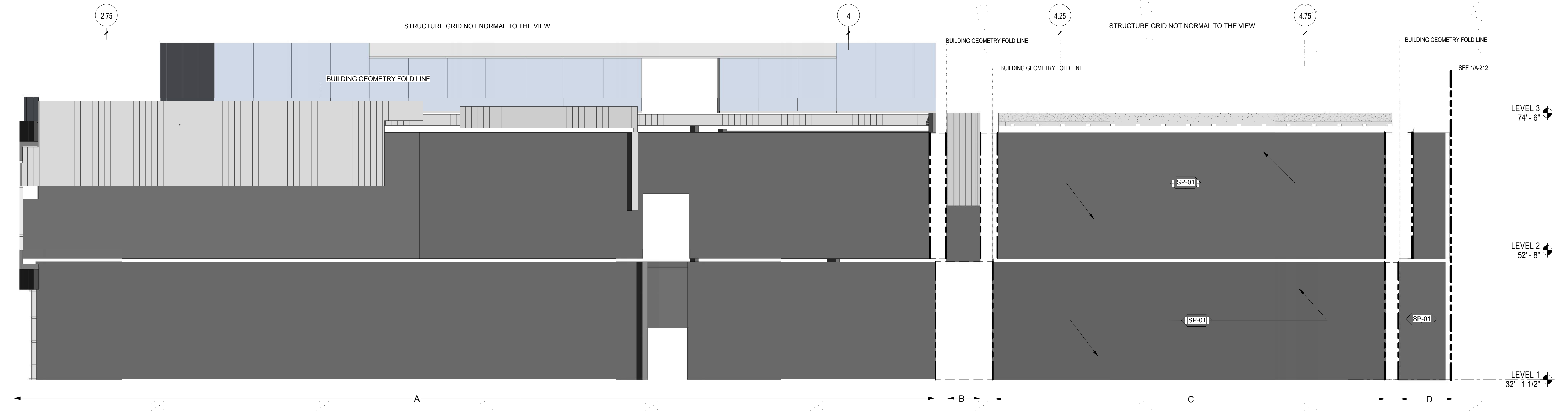


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
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4	DOB SUBMISSION - RB	16-DEC-15	

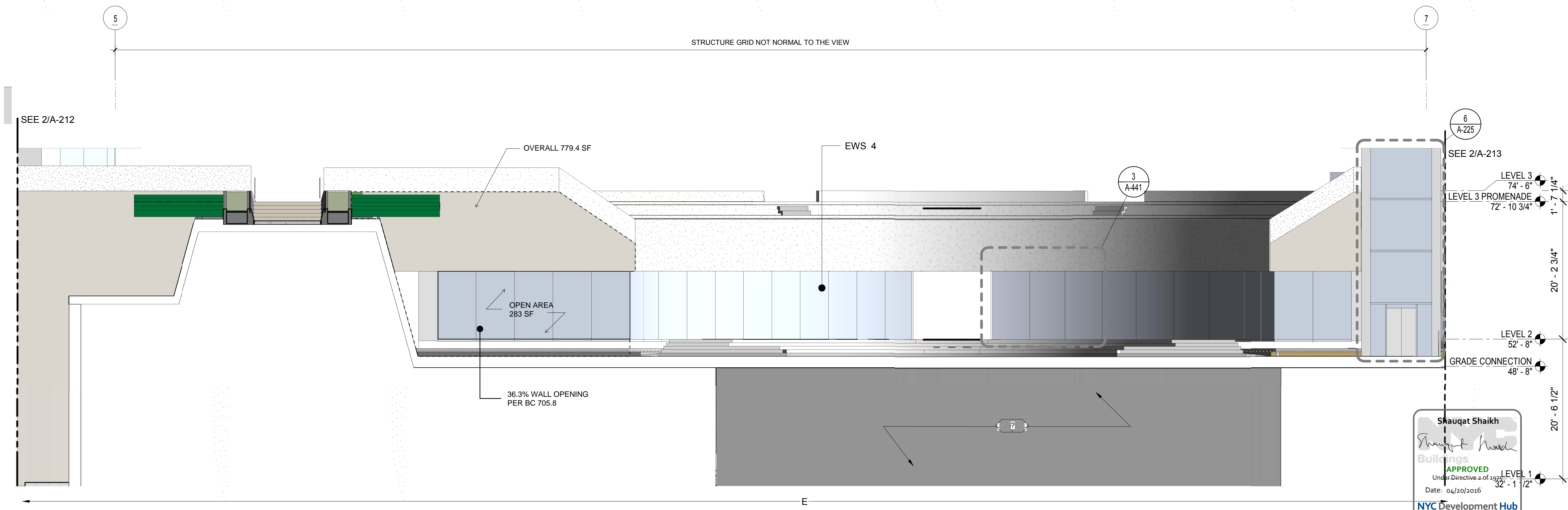
CONSTRUCTION DOCUMENTS

BUILDING ELEVATIONS - NORTH & SOUTH

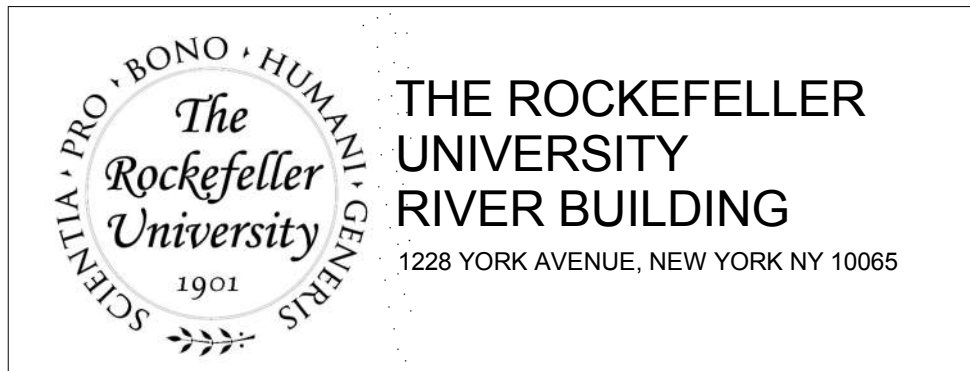
DRAWING NUMBER: **A-211.00**
Sheet 98 of 315



WEST ELEVATION
SCALE: 1/8" = 1'-0" 2



RIVER CAMPUS WEST ELEVATION - SECTOR 2
SCALE: 1/8" = 1'-0" 1



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1228 YORK AVENUE, NEW YORK NY 10065

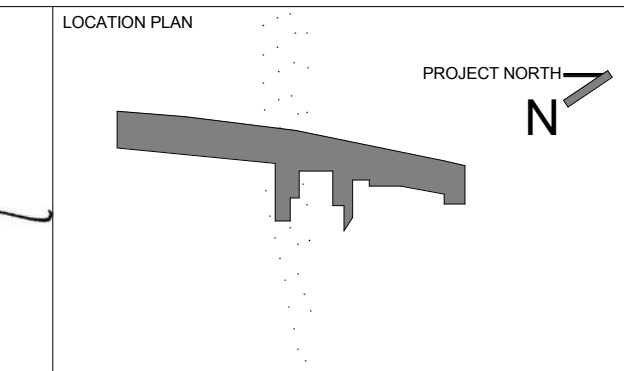
ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUGAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	DESIGN DEVELOPMENT	27-FEB-15	664.100
2	PROGRESS SET	30-OCT-15	
3	PROGRESS SET ADD1	30-NOV-15	
3	DOB SUBMISSION - RB	16-DEC-15	

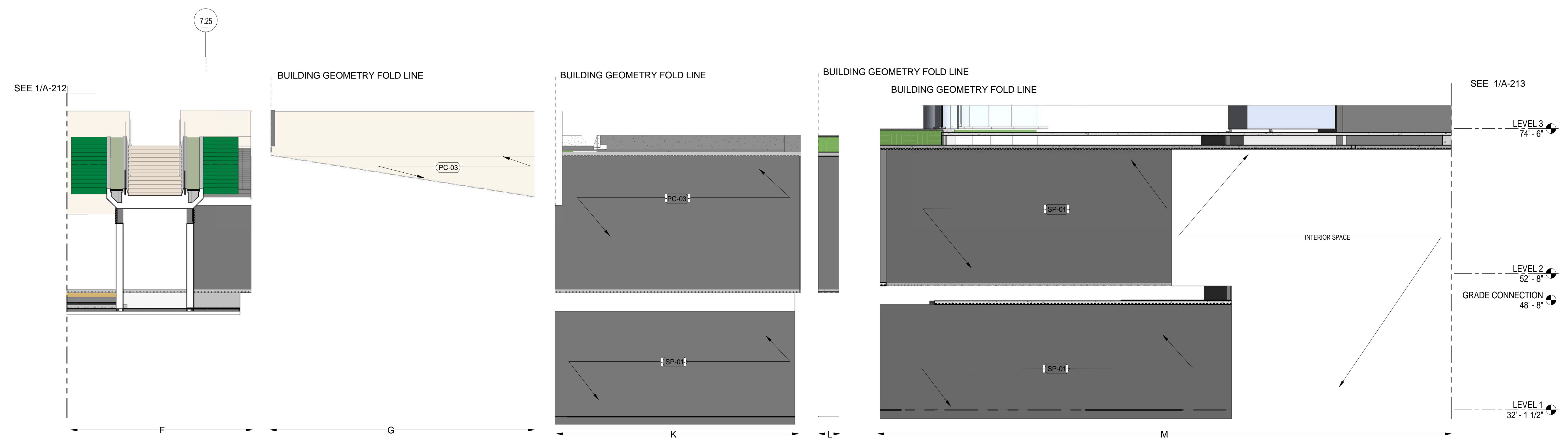
DRAWING TITLE
BUILDING ELEVATION - WEST

DRAWING NUMBER
A-212.00

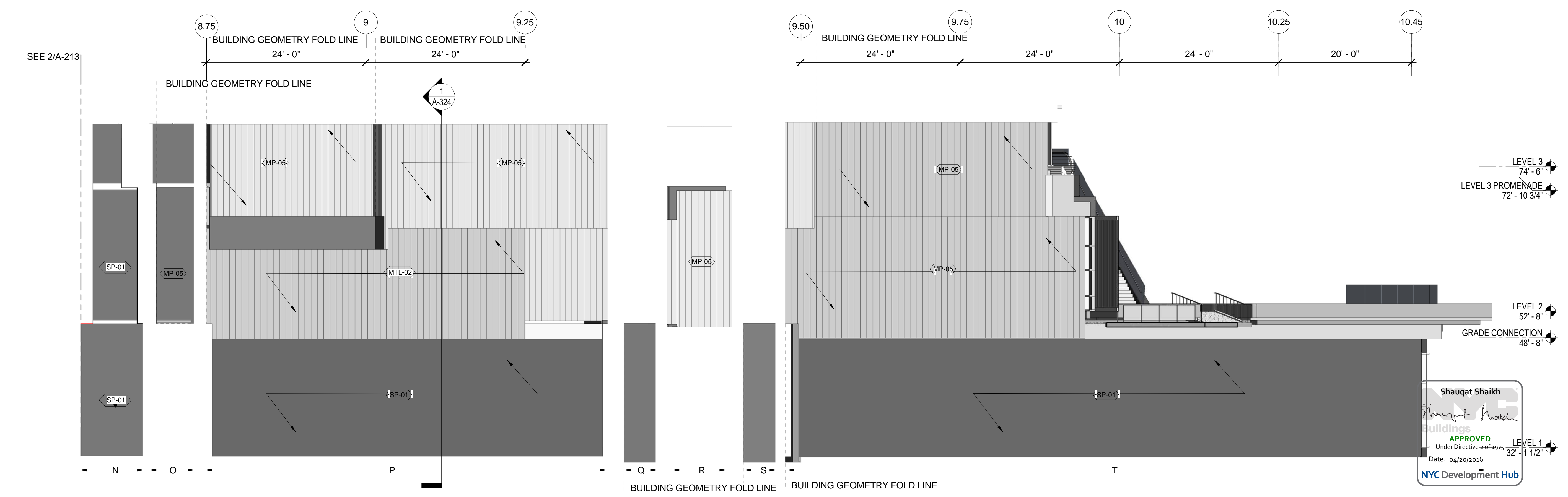
Sheet 99 of 315

BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS



RIVER CAMPUS WEST ELEVATION - SECTOR 3
SCALE: 1/8" = 1'-0" **2**



RIVER CAMPUS WEST ELEVATION - SECTOR 4
SCALE: 1/8" = 1'-0" **1**

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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ARCHITECT
RAFAEL VINOLY ARCHITECTS
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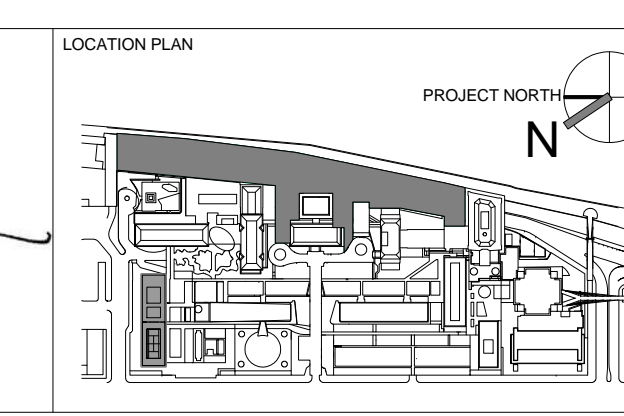
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	PROGRESS SET ADD1	XX-NOV-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/8" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

BUILDING ELEVATION - WEST

DRAWING NUMBER
A-213.00

SHEET
Sheet 100 of 315

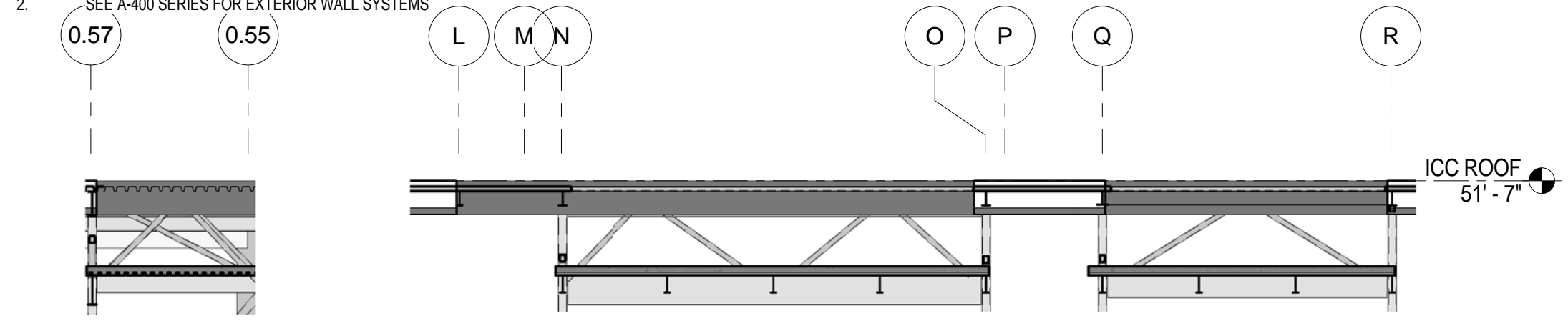
DATE
04/30/2016

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Under Directive 2 of 4975

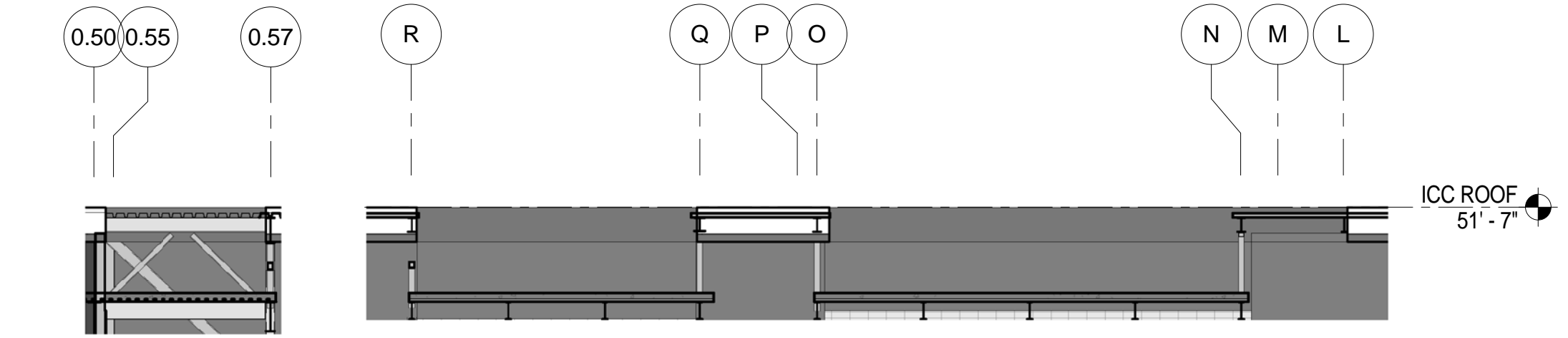
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BUILDING ENCLOSURE GENERAL NOTES

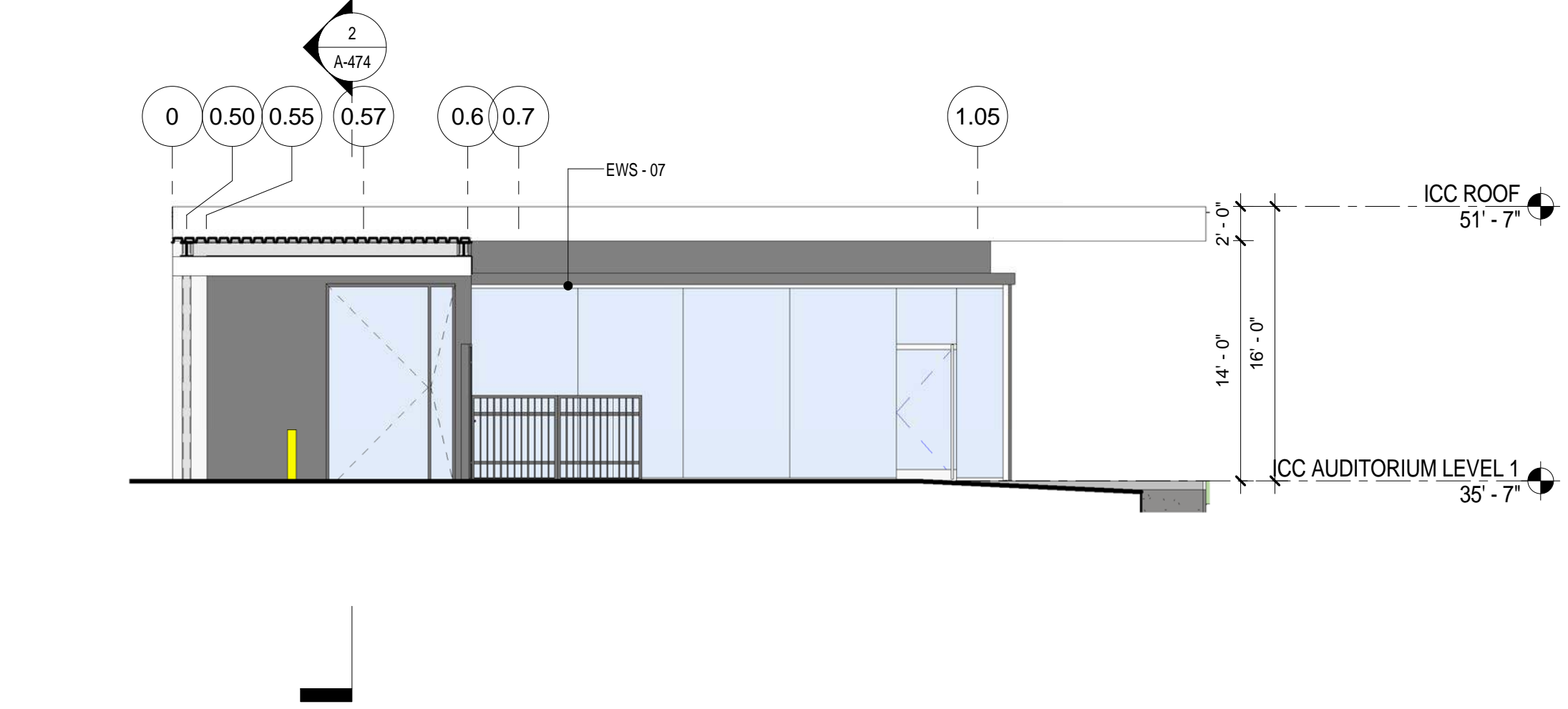
- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS



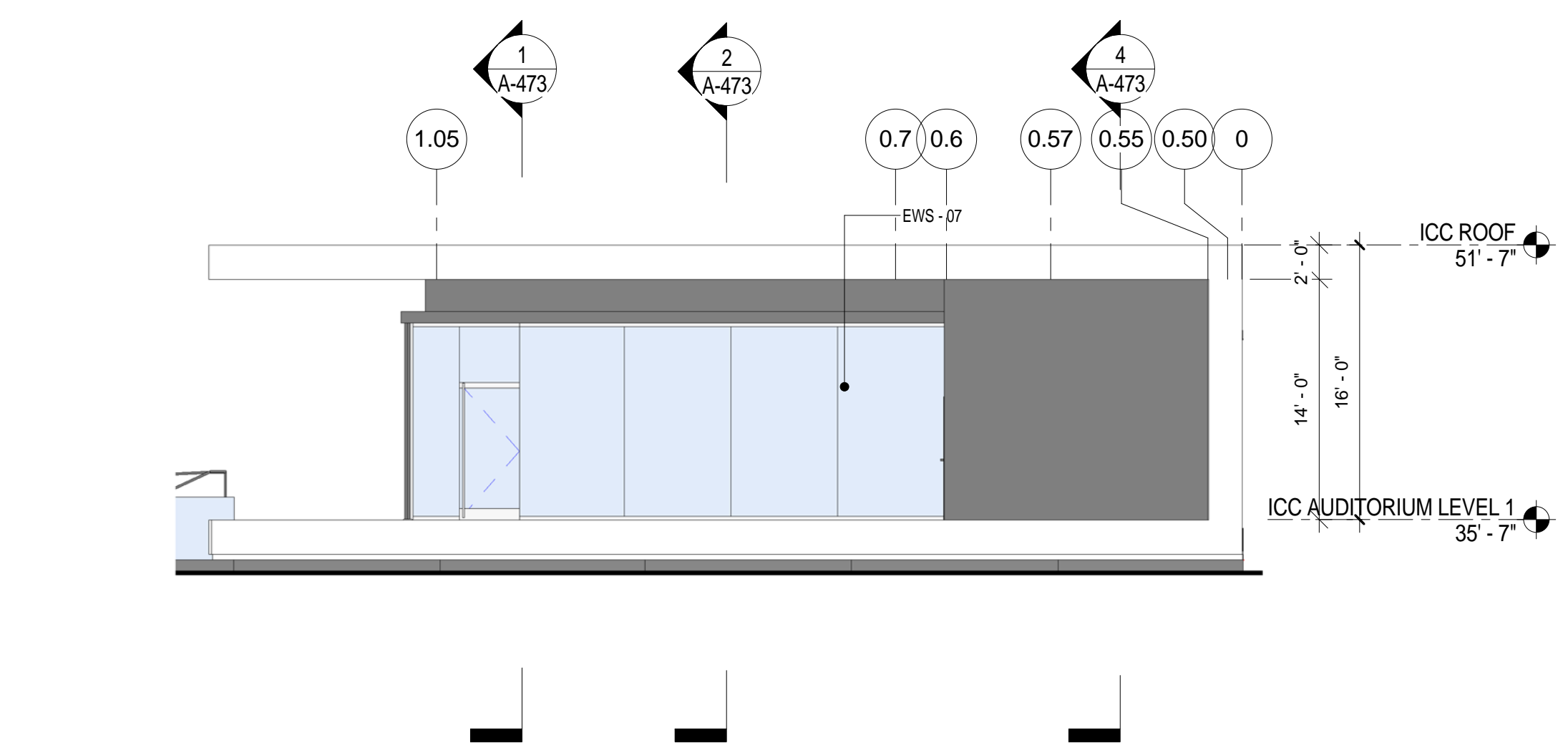
ICC MECH. PIT - NORTH ELEVATION - METAL PANEL WALL
SCALE: 1/8" = 1'-0"



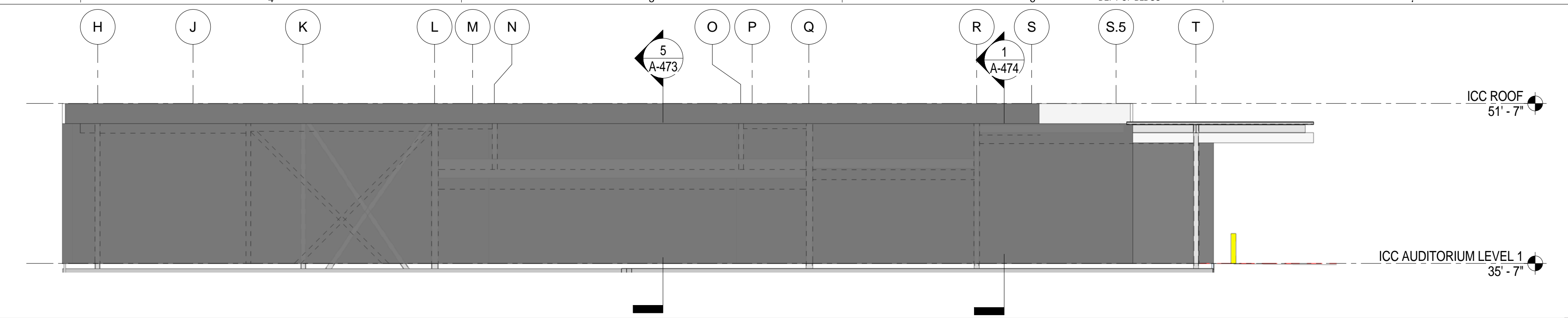
ICC MECH. PIT - SOUTH ELEVATION - METAL PANEL WALL
SCALE: 1/8" = 1'-0"



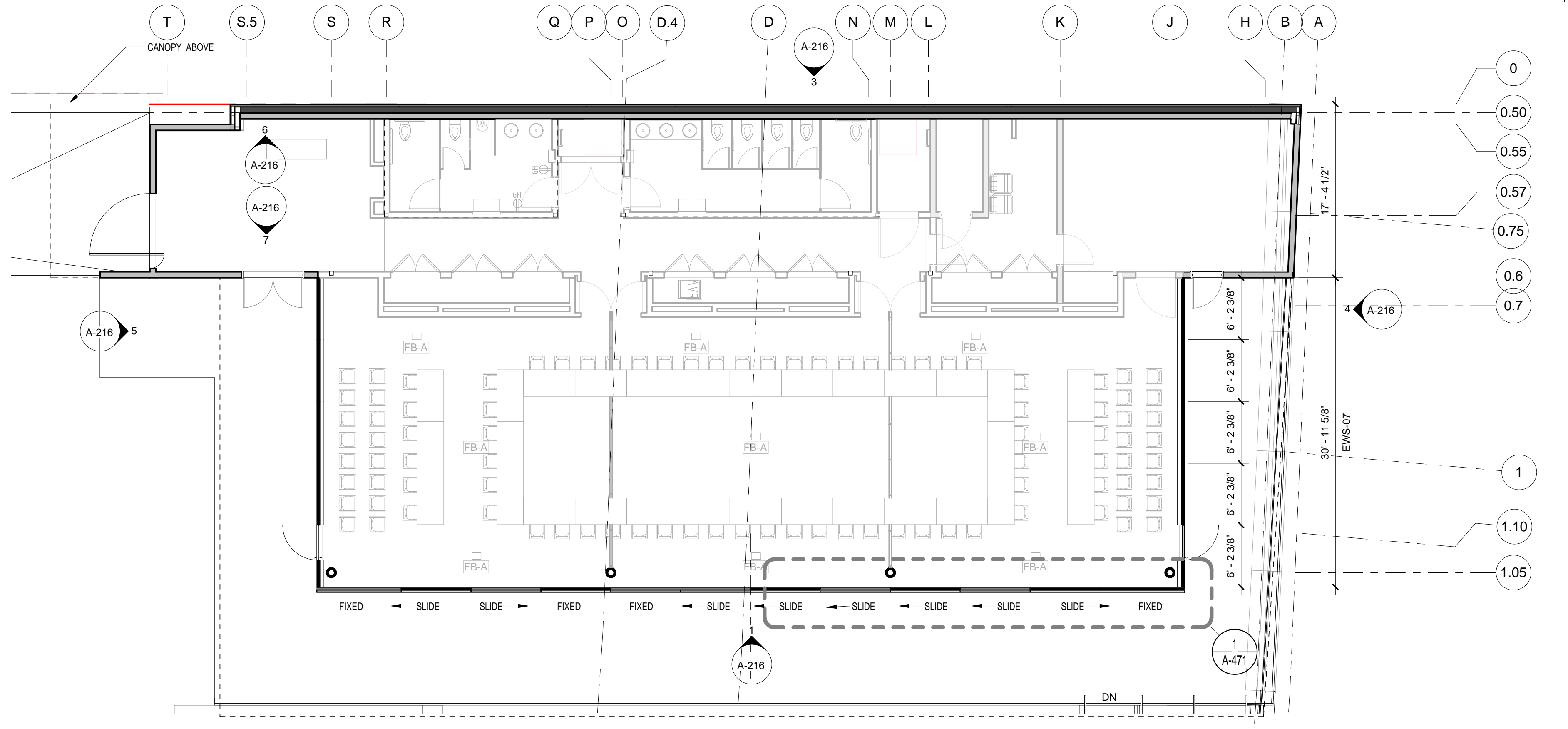
ICC ELEVATION - WEST
SCALE: 1/8" = 1'-0"



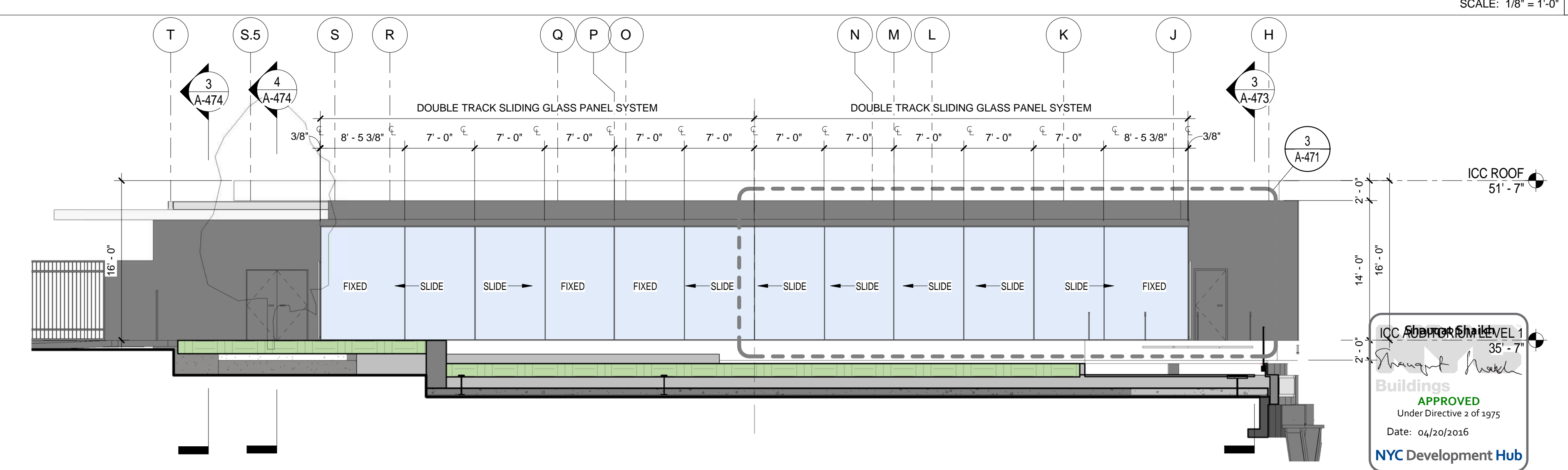
ICC ELEVATION - EAST
SCALE: 1/8" = 1'-0"



ICC - NORTH ELEVATION - METAL PANEL WALL
SCALE: 1/8" = 1'-0"



EWS-07 ICC
SCALE: 1/8" = 1'-0"



ICC ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"

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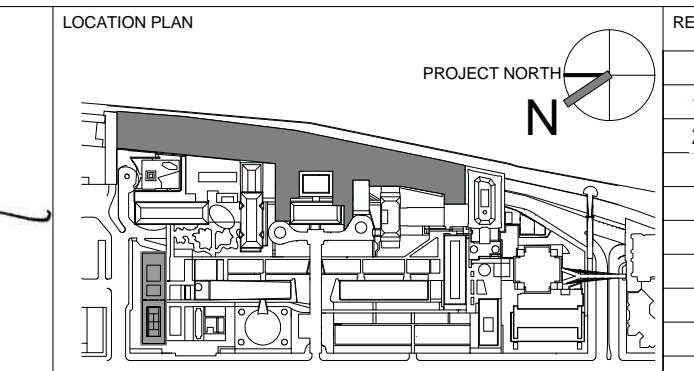
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
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T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
RODOLPHO BAMBINO
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	PROGRESS SET ADD1	XX-NOV-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/8" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

BUILDING ELEVATIONS- INTERACTIVE CONFERENCE CENTER CURTAIN WALL PANEL

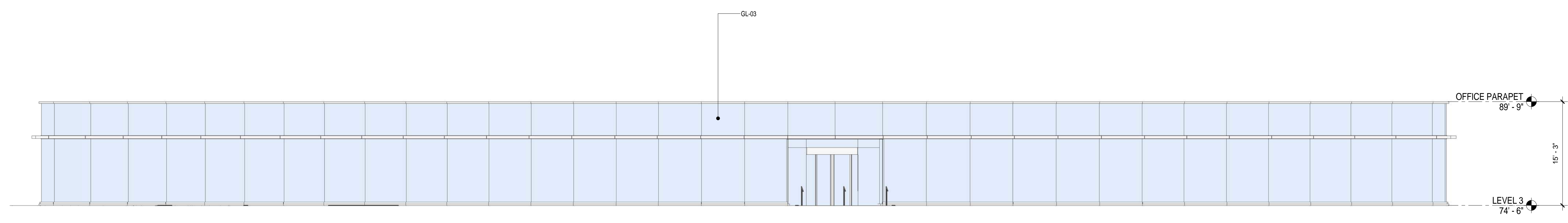
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Sheet 101 of 315

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Under Directive 2 of 1975
Date: 04/30/2016
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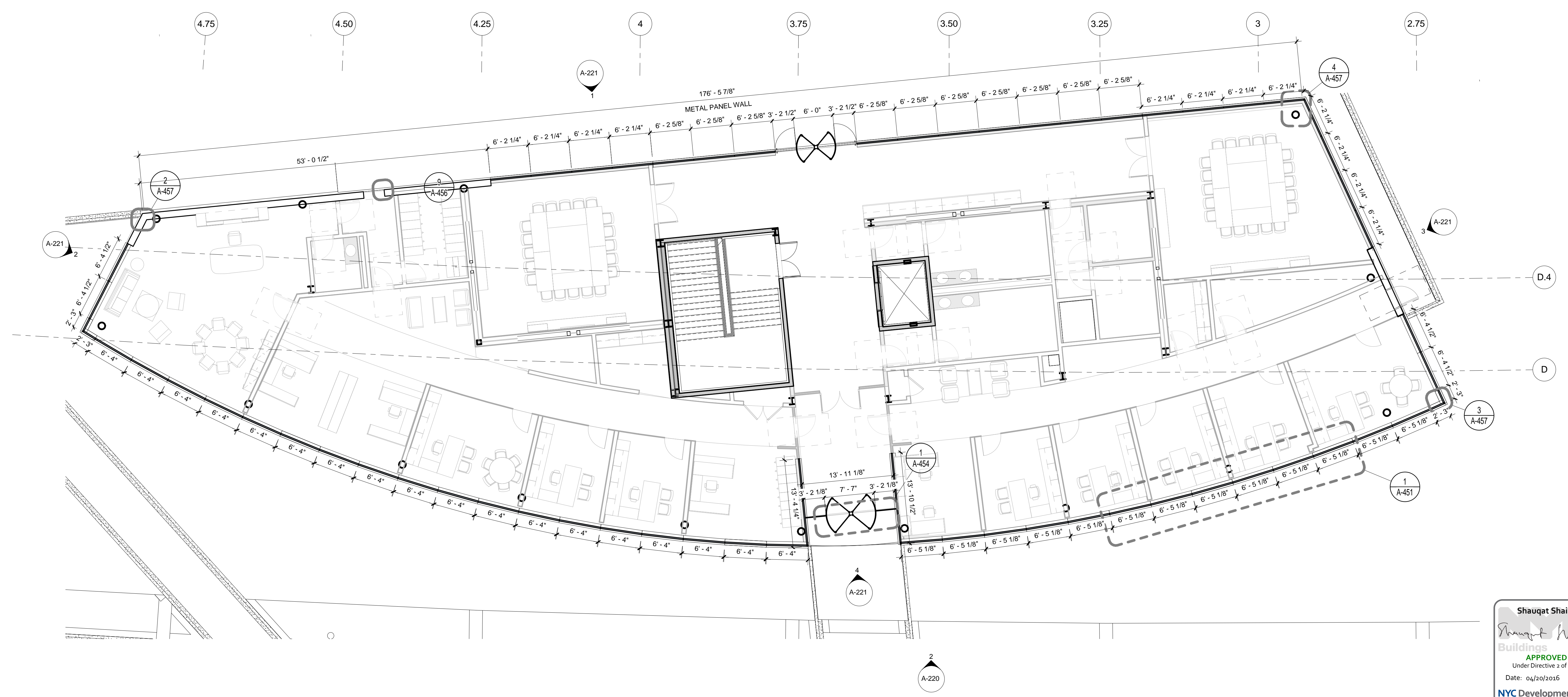
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BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS.
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS



N PAVILLION ELEV - EAST
SCALE: 1/8" = 1'-0"



BUILDING ENVELOPE REFERENCE PLAN - NORTH PAVILLION
SCALE: 1/8" = 1'-0"

Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
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THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

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STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

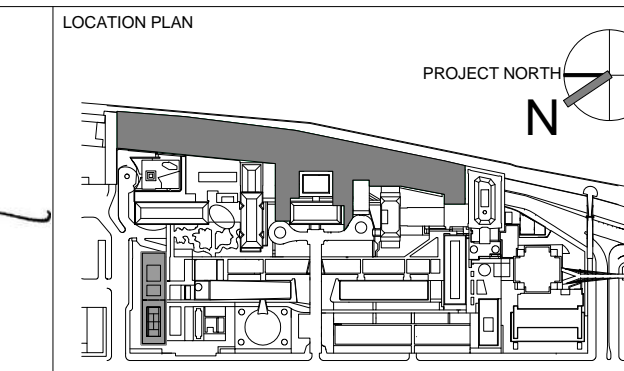
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 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	664.100
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3	PROGRESS SET	30-OCT-15	DRAWING SCALE 1/8" = 1'-0"
4	PROGRESS SET ADD1	XX-NOV-15	
4	DOB SUBMISSION - RB	16-DEC-15	

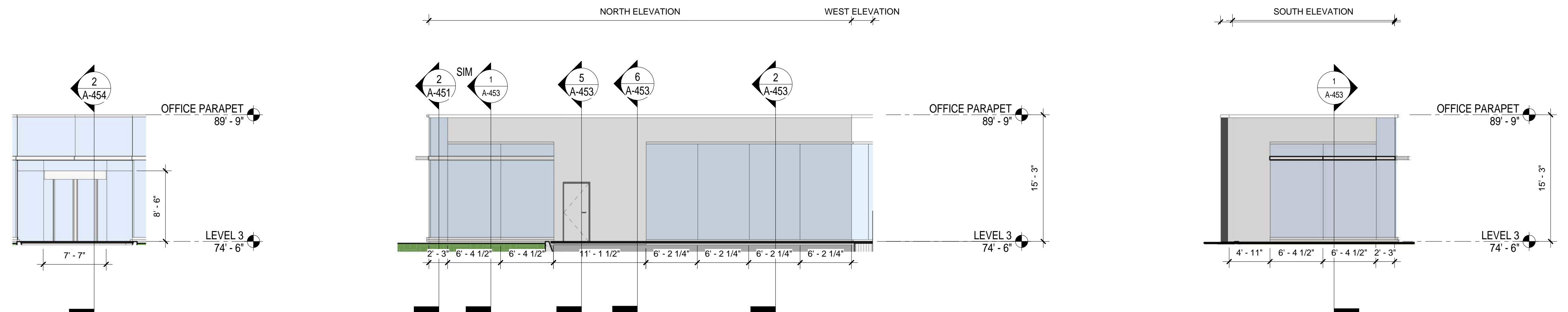
DRAWING TITLE
 BUILDING PLAN & ELEVATIONS - NORTH PAVILLION CURTAIN WALL PANEL

DRAWING NUMBER
 A-220.00
 Sheet 102 of 315

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

BUILDING ENCLOSURE GENERAL NOTES

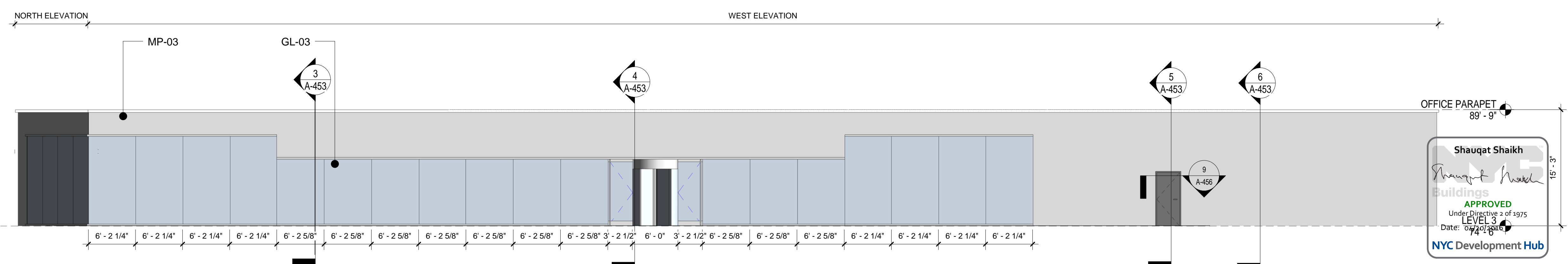
- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS



N PAVILLION ELEV - VESTIBULE
SCALE: 1/8" = 1'-0" **4**

N PAVILLION ELEV - NORTH
SCALE: 1/8" = 1'-0" **3**

N PAVILLION ELEV - SOUTH
SCALE: 1/8" = 1'-0" **2**



N PAVILLION ELEV - WEST
SCALE: 1/8" = 1'-0" **1**

Shauqat Shaikh
Shauqat Shaikh
Buildings
APPROVED
Under Directive 2 of 1975
LEVEL 3
Date: 07/20/2016
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THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

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RAFAEL VINOLY ARCHITECTS
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NEW YORK, NY 10013
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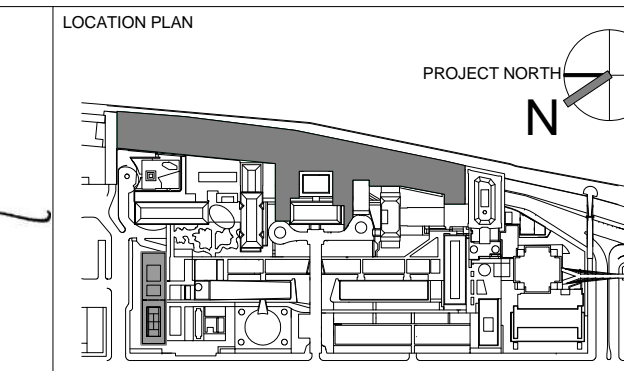
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744 BROAD STREET
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BARD, RAO + ATHANAS
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
DOUGLAS BARDWIN
No. 015267
STATE OF NEW YORK



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ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/8" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

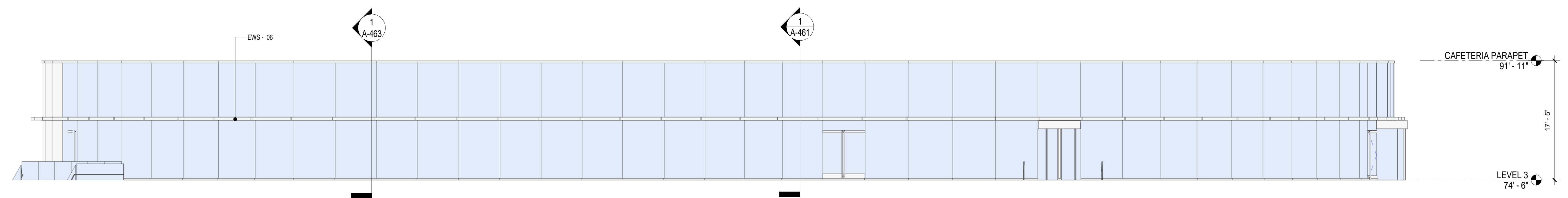
BUILDING PLAN AND ELEVATIONS - NORTH PAVILION CURTAIN WALL PANEL

DRAWING NUMBER
A-221.00

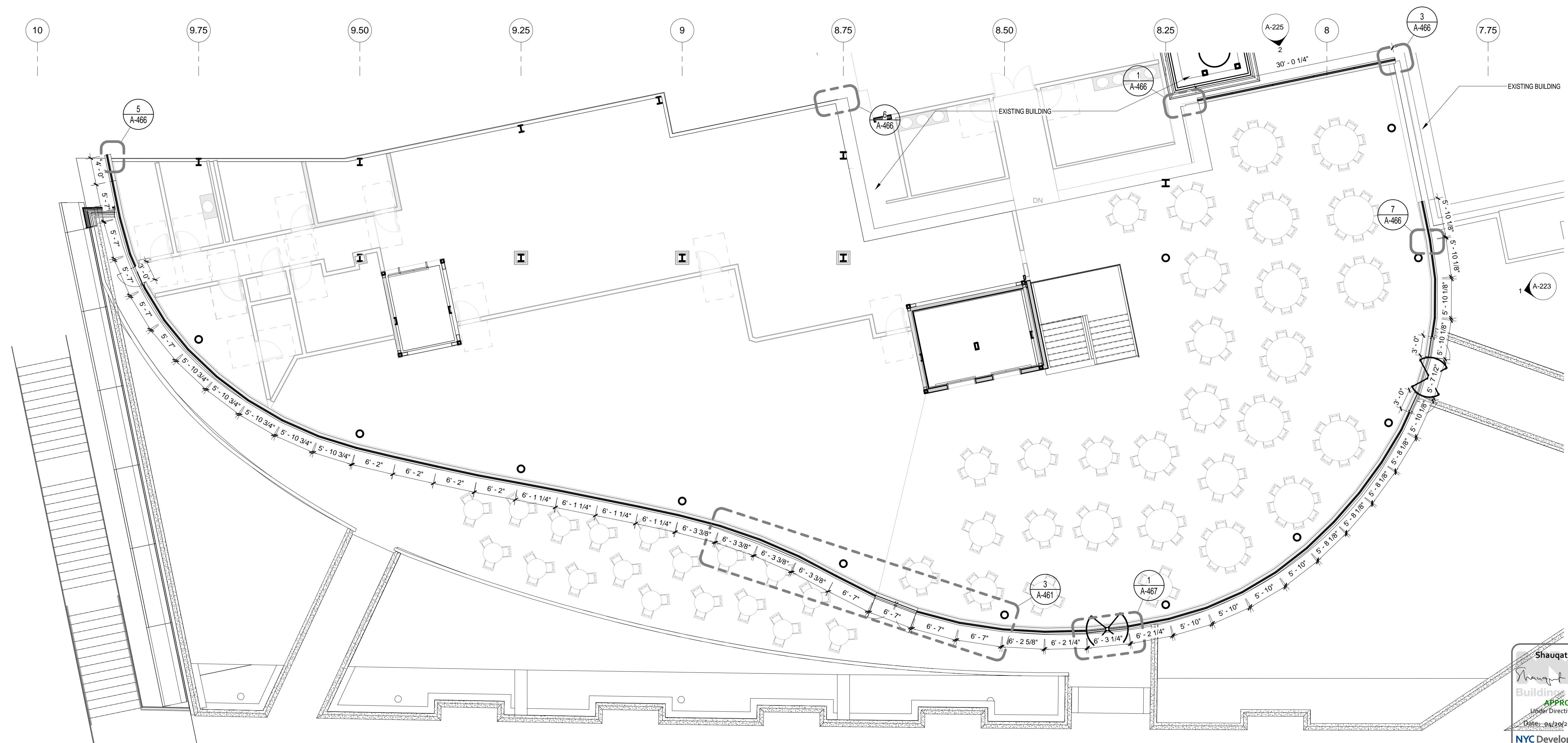
Sheet 103 of 315

BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS



S PAVILLION ELEV - EAST
SCALE: 1/8" = 1'-0" **2**



Shauqat Shaikh
Shauqat Shaikh
Building
APPROVED
Under Directive 2 of 1975
Date: 06/30/2016
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BUILDING ENVELOPE REFERENCE PLAN - SOUTH PAVILLION
SCALE: 1/8" = 1'-0" **1**

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
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NEW YORK, NY 10013
T. 212.924.5060 F. 212.924.5858

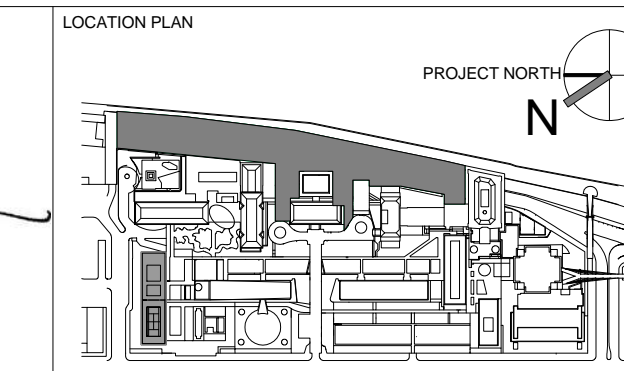
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
RODOLPHUS BARRINO
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
24" x 36"
DRAWING SCALE
1/8" = 1'-0"
PROJECT PHASE
CONSTRUCTION DOCUMENTS

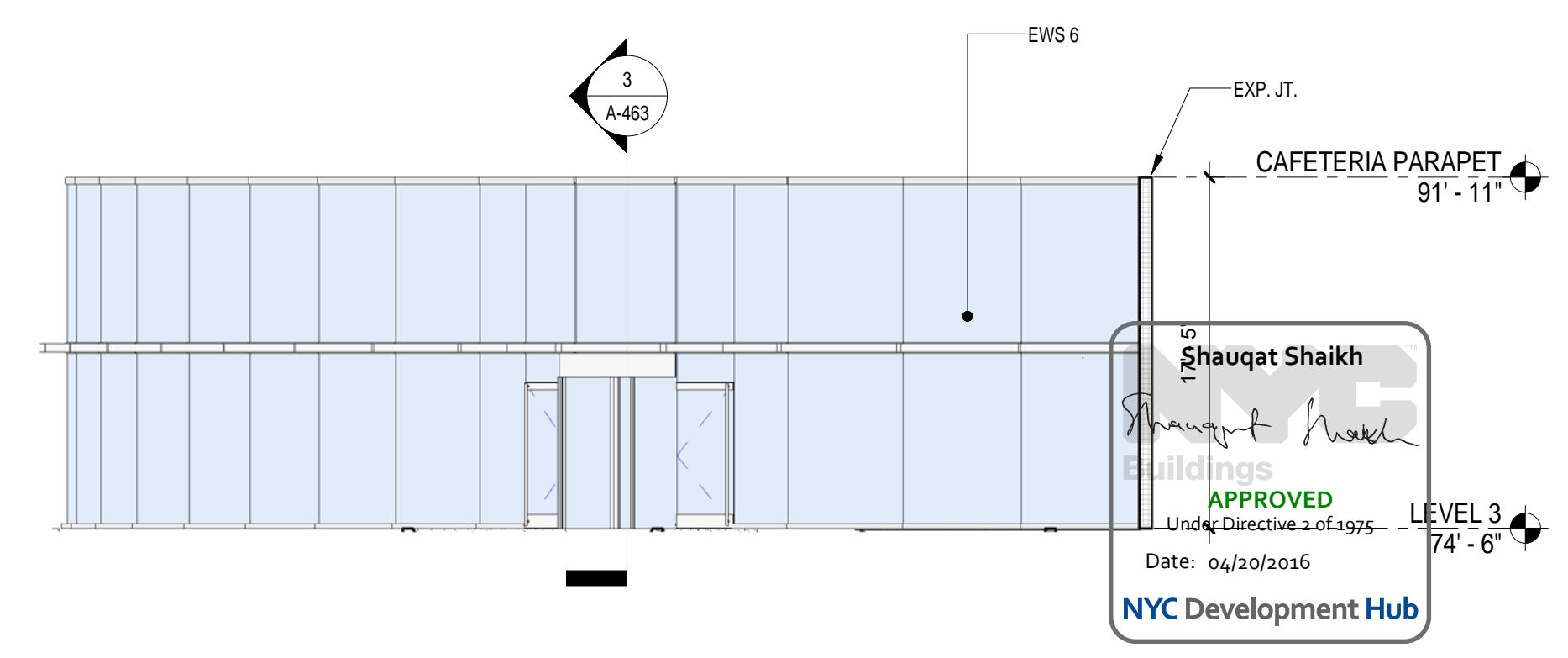
BUILDING PLAN & ELEVATIONS - SOUTH PAVILLION CURTAIN WALL PANEL

DRAWING NUMBER
A-222.00
Sheet 104 of 315


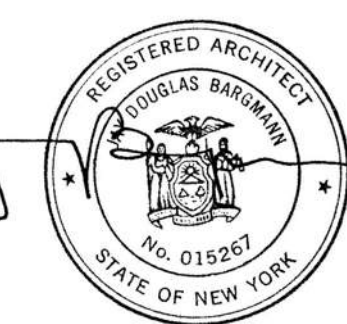
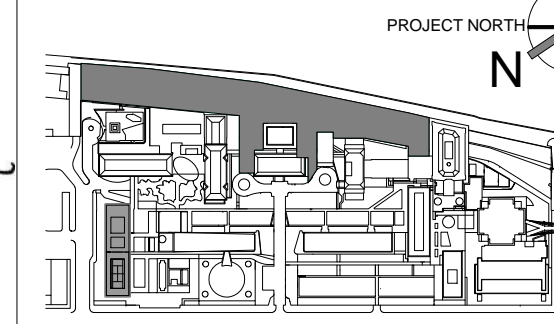
BUILDING ENCLOSURE GENERAL NOTES

- SEE A-910 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS

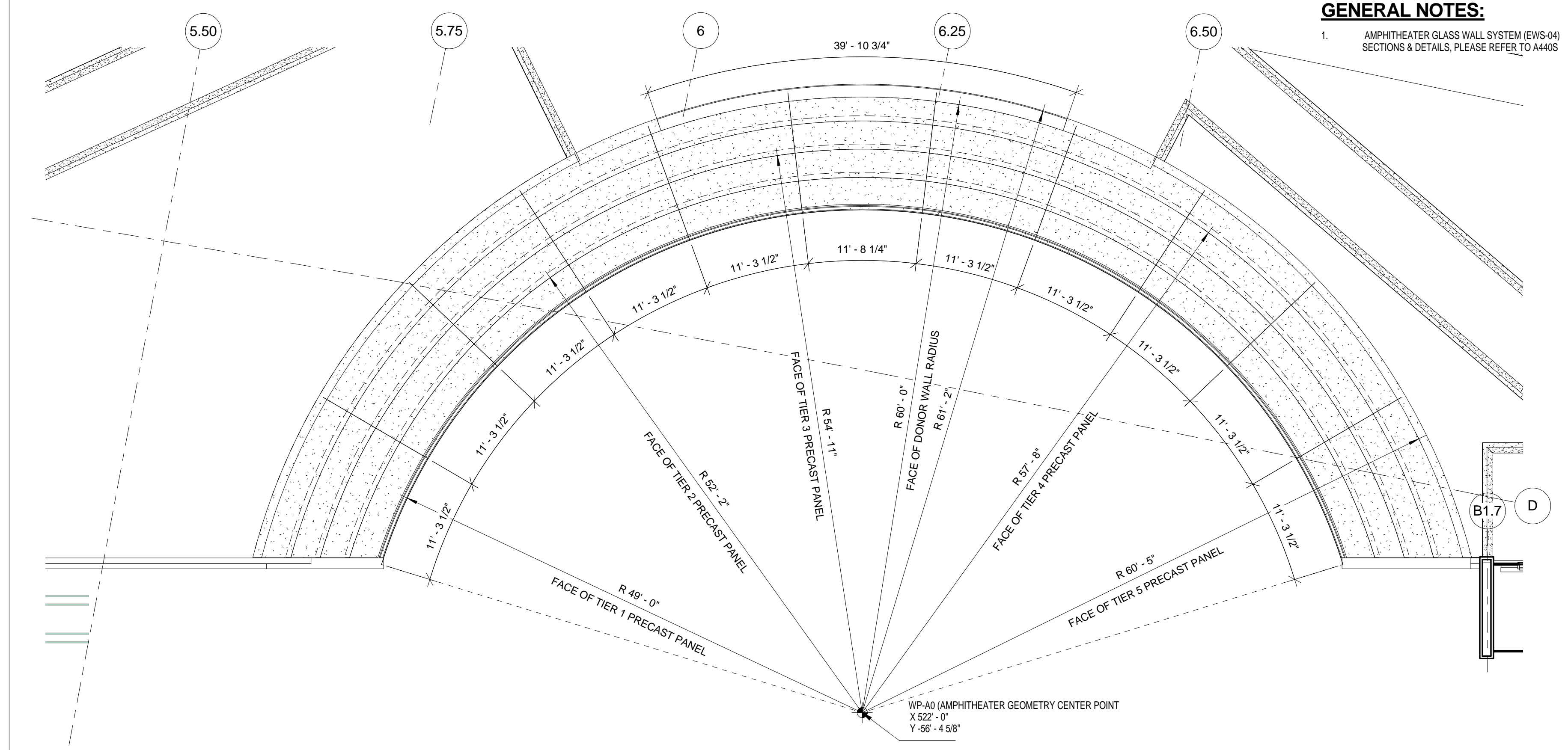
A
B
C
D
E



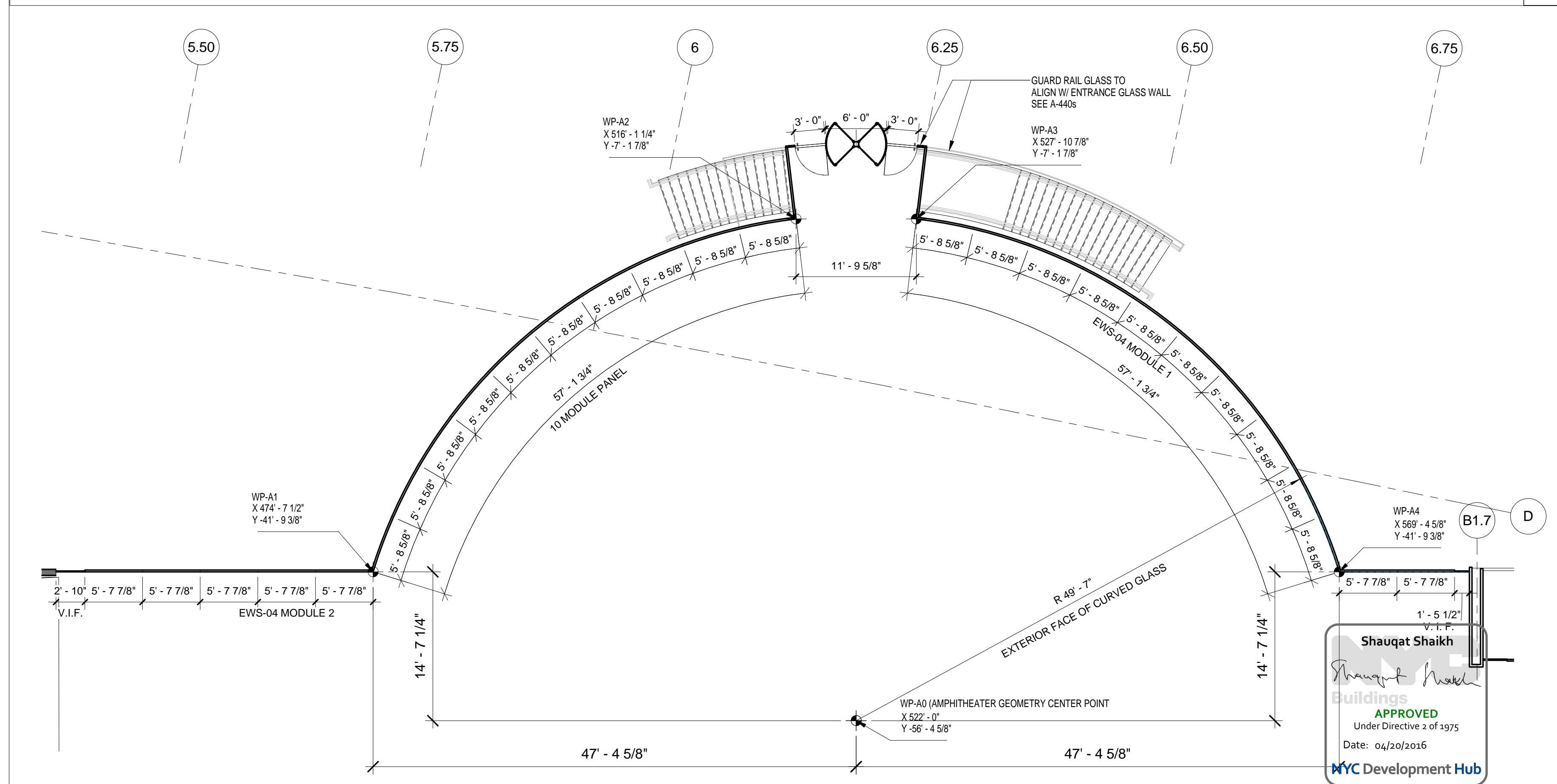
SOUTH PAVILION ELEV - SOUTH
SCALE: 1/8" = 1'-0" 1

 <p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PRELIMINARY BUILDING ENCLOSURE PACKAGE</td> <td>19-JAN-15</td> </tr> <tr> <td>2</td> <td>DESIGN DEVELOPMENT</td> <td>27-FEB-15</td> </tr> <tr> <td>3</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> </tr> <tr> <td>4</td> <td>PROGRESS SET ADD1</td> <td>XX-NOV-15</td> </tr> <tr> <td>4</td> <td>DOB SUBMISSION - RB</td> <td>16-DEC-15</td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	2	DESIGN DEVELOPMENT	27-FEB-15	3	PROGRESS SET	30-OCT-15	4	PROGRESS SET ADD1	XX-NOV-15	4	DOB SUBMISSION - RB	16-DEC-15	<p>ARCHITECTS PROJECT NUMBER 664.100</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE 1/8" = 1'-0"</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING TITLE BUILDING PLAN & ELEVATIONS - SOUTH PAVILION CURTAIN WALL PANEL</p> <p>DRAWING NUMBER A-223.00</p> <p>Sheet 105 of 315</p>
	REV	DESCRIPTION	DATE																								
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15																									
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<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>																								

GENERAL NOTES:
 1. AMPHITHEATER GLASS WALL SYSTEM (EWS-04) SECTIONS & DETAILS, PLEASE REFER TO 4440S

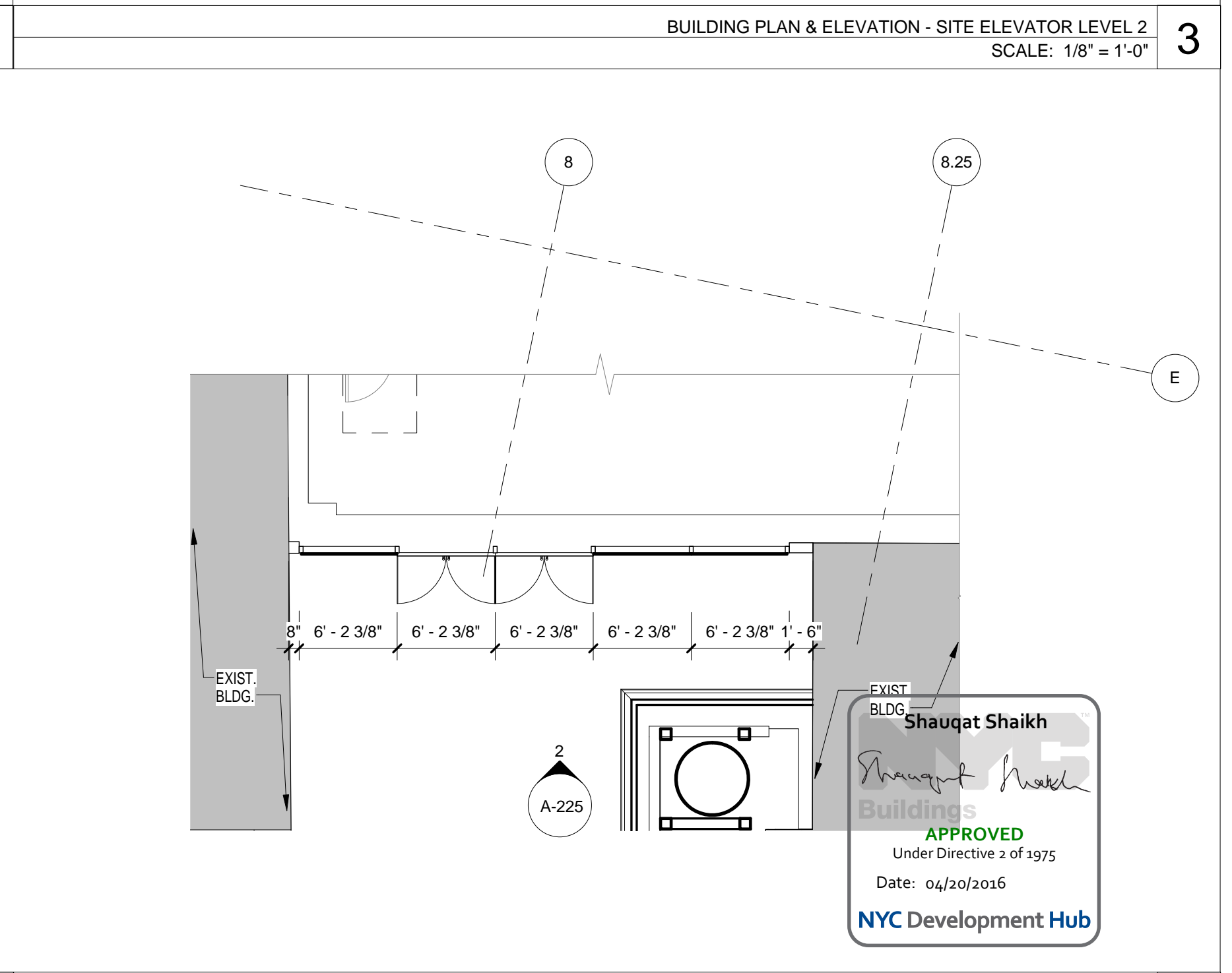
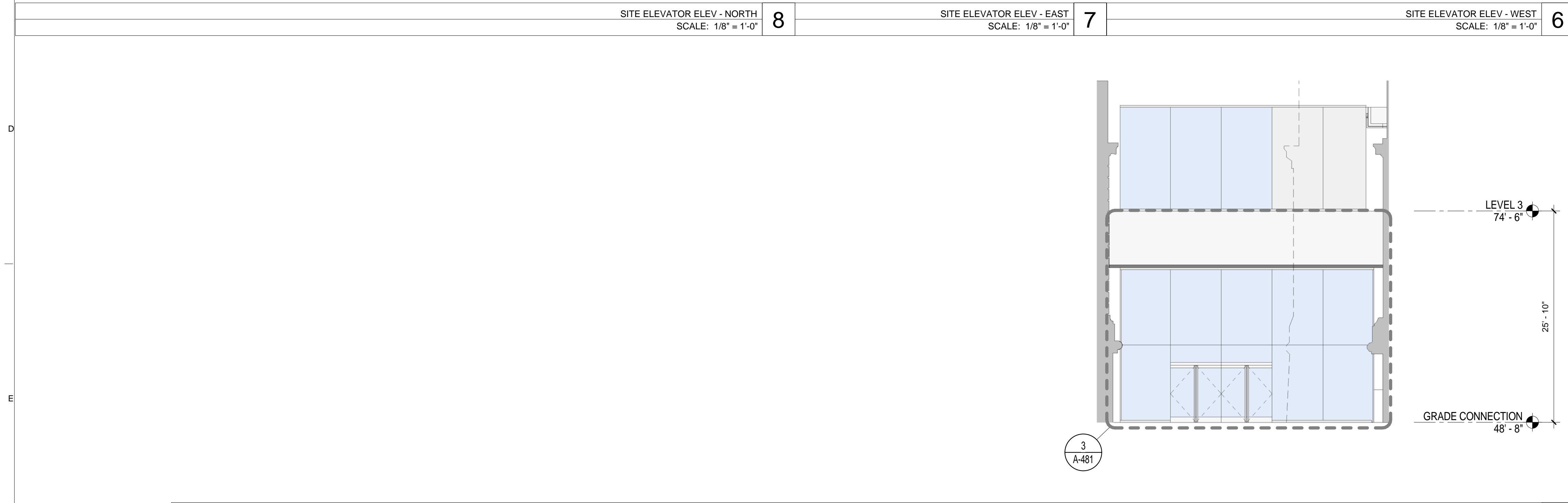
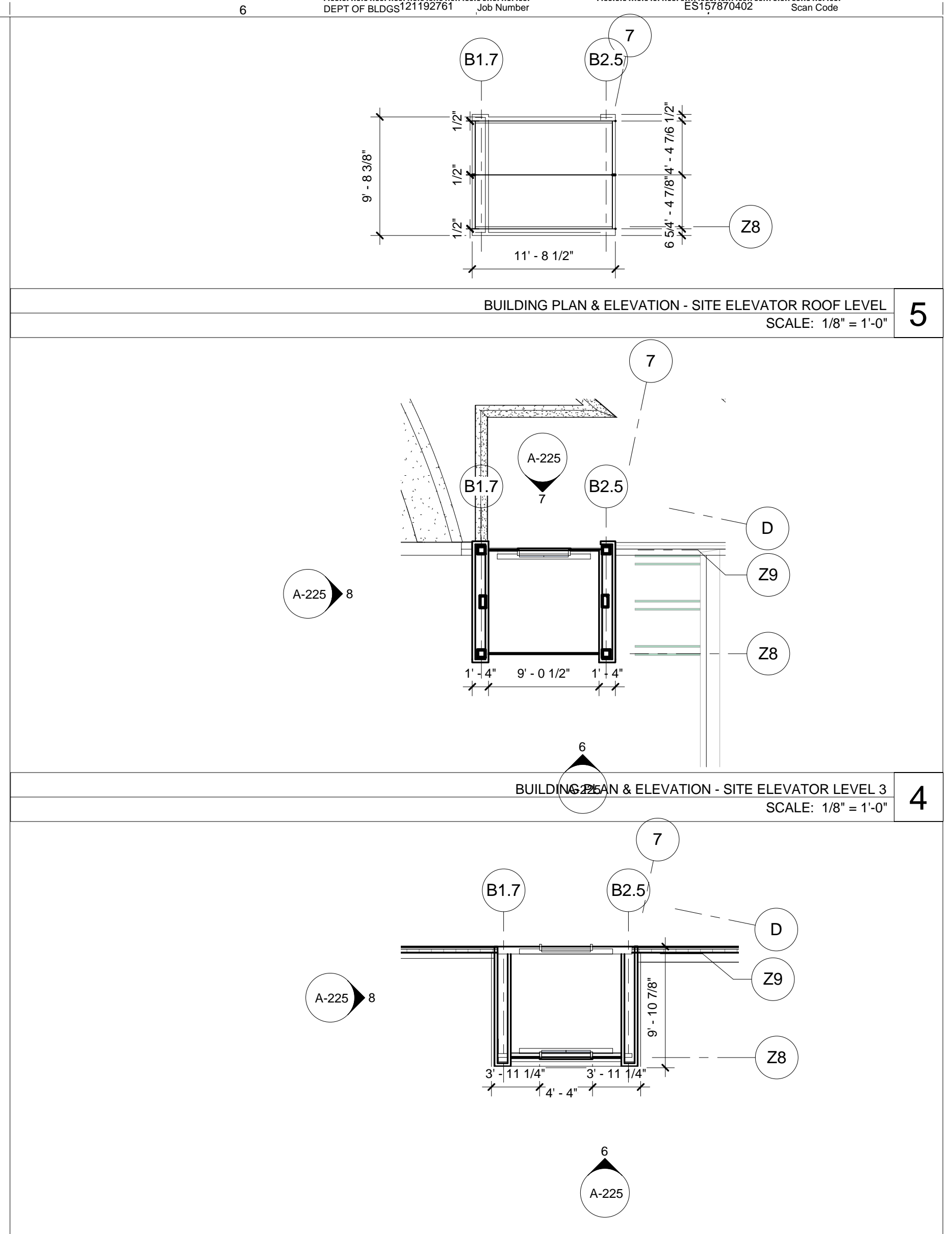
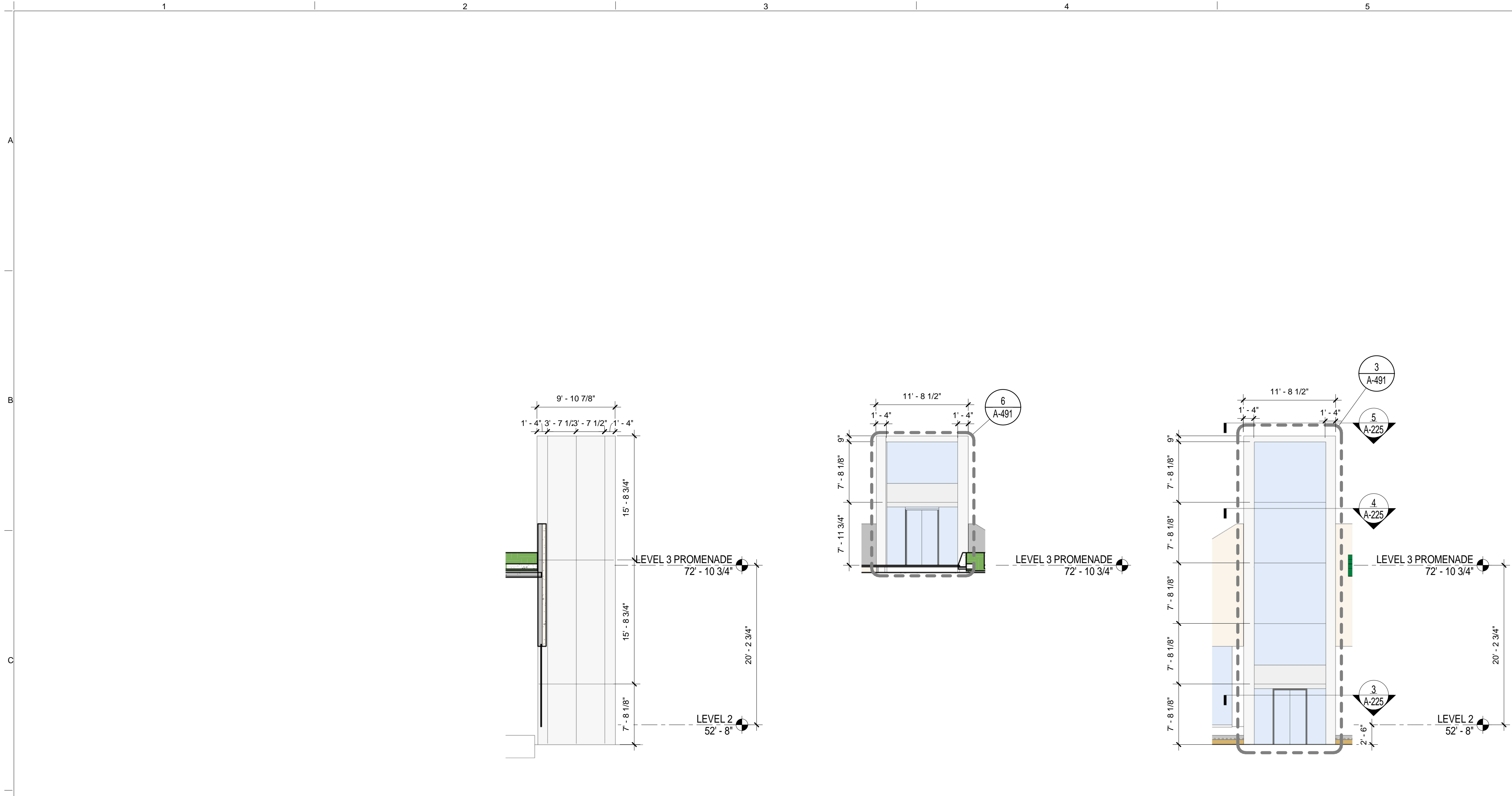


AMPHITHEATER PRECAST SET OUT PLAN
 SCALE: 1/8" = 1'-0" 2



AMPHITHEATER EWS-04 SET OUT PLAN
 SCALE: 1/8" = 1'-0" 1

<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> </tr> <tr> <td>2</td> <td>DOB SUBMISSION - RB</td> <td>16-DEC-15</td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	1	PROGRESS SET	30-OCT-15	2	DOB SUBMISSION - RB	16-DEC-15	<p>ARCHITECTS PROJECT NUMBER 664.100</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE 1/8" = 1'-0"</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING TITLE BUILDING PLAN & ELEVATIONS - AMPHITHEATER CURTAIN WALL PANEL</p> <p>DRAWING NUMBER A-224.00</p> <p>Sheet 106 of 315</p>
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<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 156 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 6TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>	<p>SHAUQAT SHAIKH Buildings APPROVED Under Directive 2 of 1975 Date: 04/30/2016 MYC Development Hub</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>PROJECT NORTH </p>	<p>ARCHITECTS PROJECT NUMBER 664.100</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE 1/8" = 1'-0"</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING TITLE BUILDING PLAN & ELEVATIONS - AMPHITHEATER CURTAIN WALL PANEL</p> <p>DRAWING NUMBER A-224.00</p> <p>Sheet 106 of 315</p>										



SITE ELEVATOR ELEV - NORTH SCALE: 1/8" = 1'-0" 8

SITE ELEVATOR ELEV - EAST SCALE: 1/8" = 1'-0" 7

SITE ELEVATOR ELEV - WEST SCALE: 1/8" = 1'-0" 6

BUILDING PLAN & ELEVATION - SITE ELEVATOR LEVEL 2 SCALE: 1/8" = 1'-0" 3

BUILDING PLAN & ELEVATION - SITE ELEVATOR LEVEL 3 SCALE: 1/8" = 1'-0" 4

BUILDING PLAN & ELEVATION - SITE ELEVATOR ROOF LEVEL SCALE: 1/8" = 1'-0" 5

EWS-08 ELEVATION - WEST SCALE: 1/8" = 1'-0" 2

BUILDING PLAN & ELEVATION - ENTRANCE VESTIBULE SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

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CIVIL ENGINEER
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LOCATION PLAN
PROJECT NORTH

REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	PROGRESS SET ADD1	XX-NOV-15	
2	DOB SUBMISSION - RB	16-DEC-15	

BUILDING PLAN & ELEVATION - ENTRANCE VESTIBULE & SITE ELEVATOR CURTAIN WALL PANEL

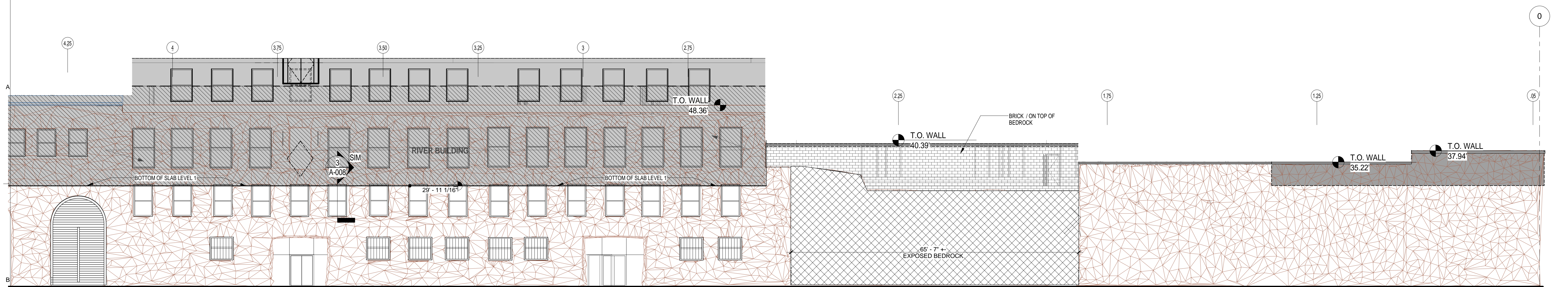
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DRAWING SCALE: 1/8" = 1'-0"

PROJECT PHASE: CONSTRUCTION DOCUMENTS

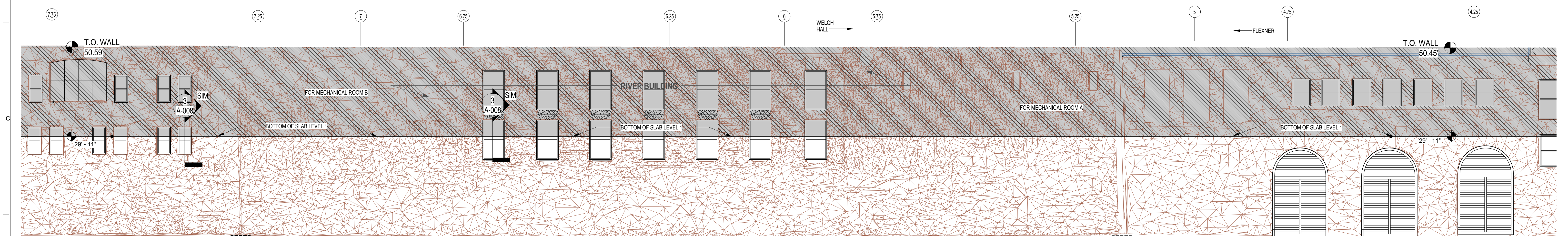
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub

SHAUQAT SHAIKH
SHAUQAT SHAIKH
Building

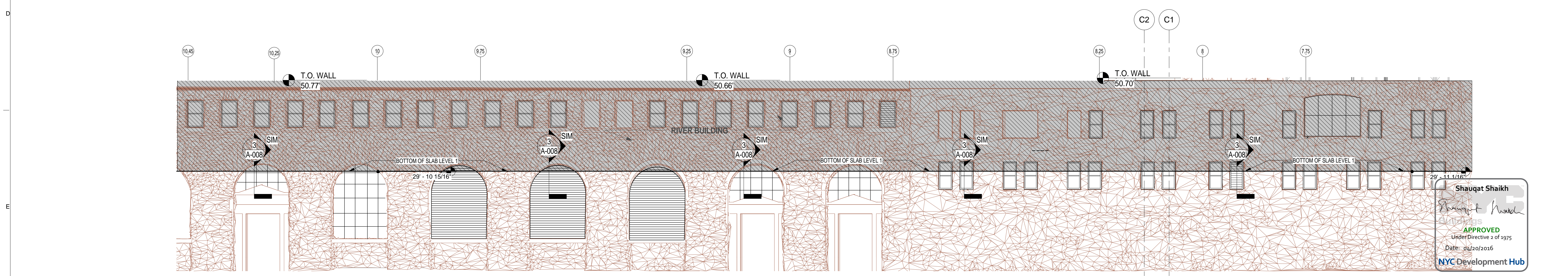
A-225.00
Sheet 107 of 315



ELEVATION AT SCHIST WALL SMITH HALL SHOWING BLOCKED WINDOWS
SCALE: 3/32" = 1'-0"



ELEVATION AT SCHIST WALL MECHANICAL ROOMS SHOWING BLOCKED WINDOWS
SCALE: 3/32" = 1'-0"



ELEVATION AT SCHIST WALL SOUTH SHOWING BLOCKED WINDOWS
SCALE: 3/32" = 1'-0"

Shauqat Shaikh

 APPROVED
 Under Directive 2 of 1975
 Date: 06/20/2016
 NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

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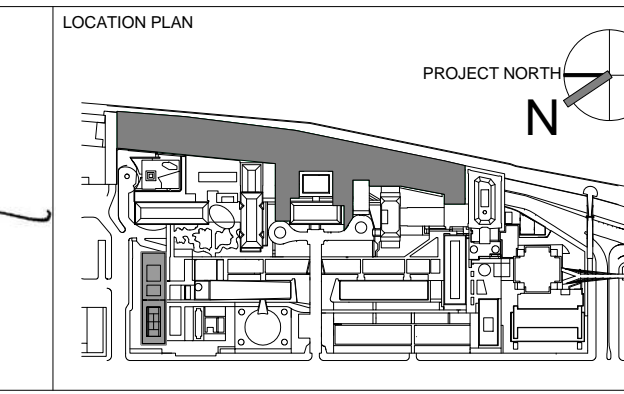
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 T. 973.286.6100

MEP / FP ENGINEER
BAR, RAO + ATHANAS
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 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
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ARCHITECT / ENGINEER SEAL

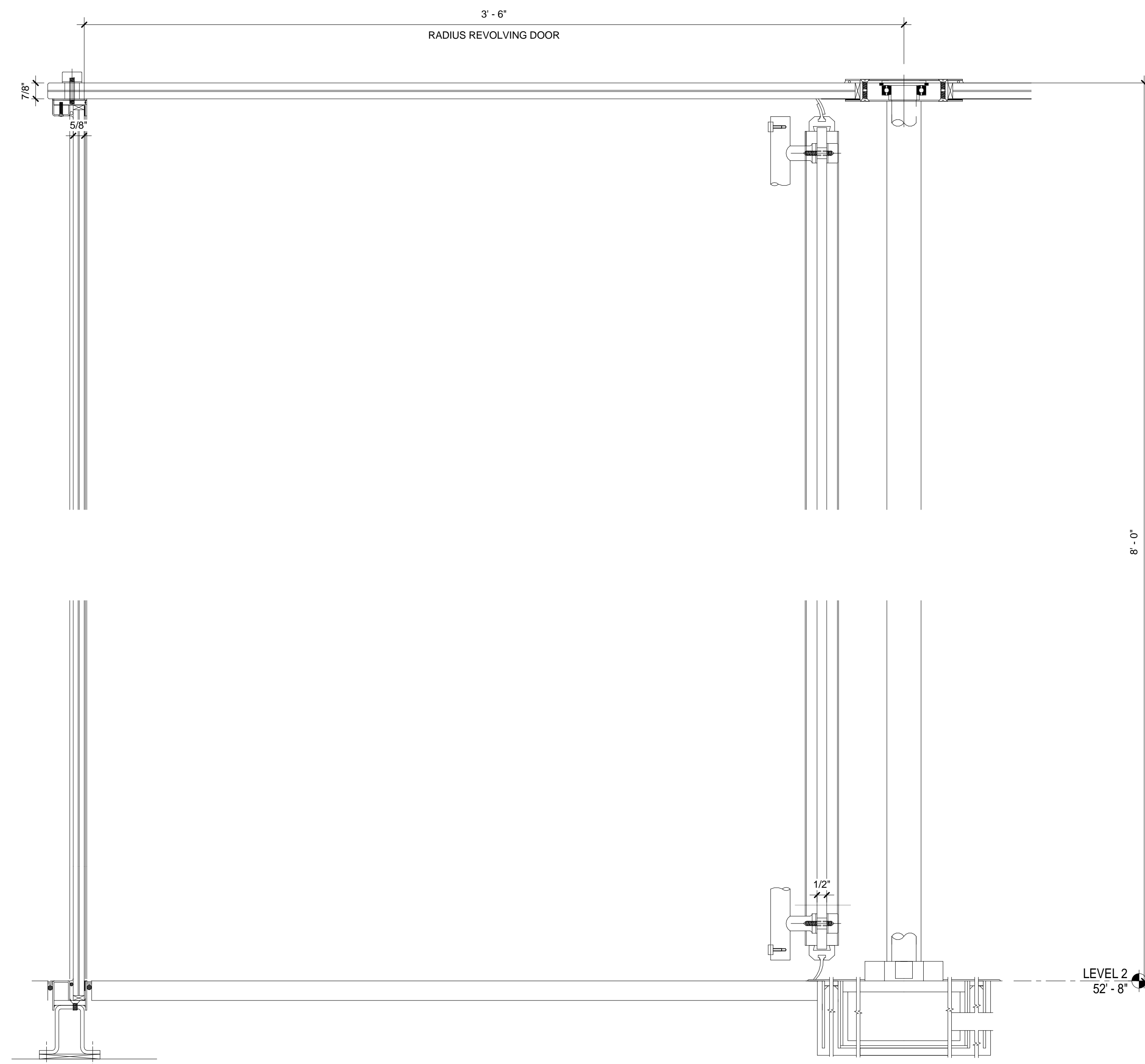


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
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3	DOB SUBMISSION -RB	16-DEC-15	DRAWING SCALE 3/32" = 1'-0"

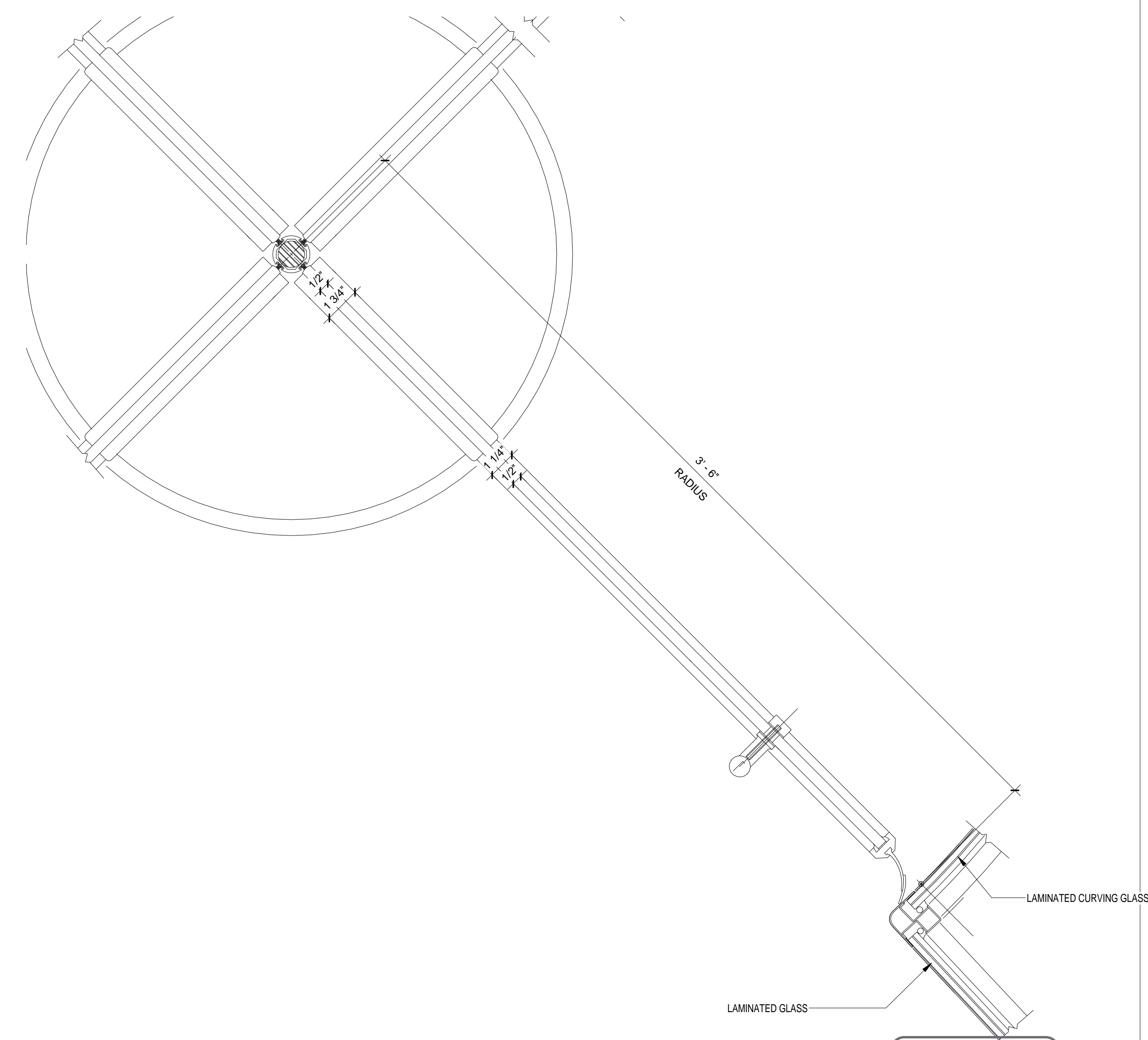
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ELEVATION / HALF BLOCKED WINDOW LOCATIONS

DRAWING NUMBER
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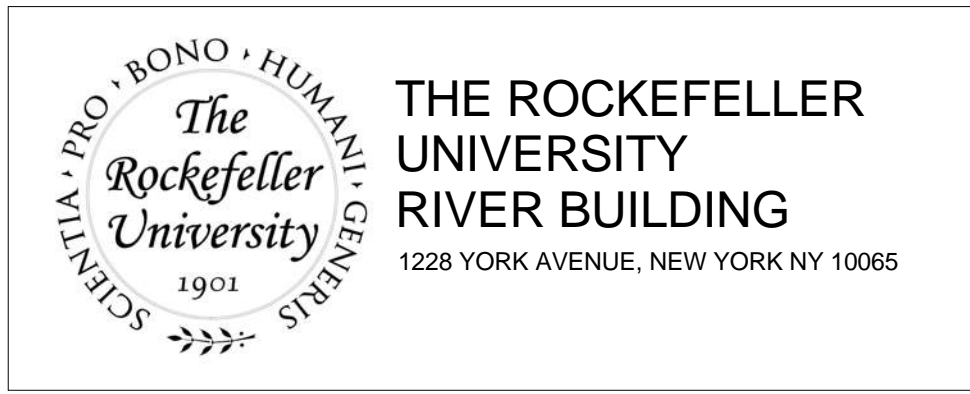
Sheet 108 of 315



EWS TYPE 4 - REVOLVING DOOR SECTION DETAIL
SCALE: 3" = 1'-0" 2



EWS TYPE 4 - REVOLVING DOOR DETAIL
SCALE: 3" = 1'-0" 1



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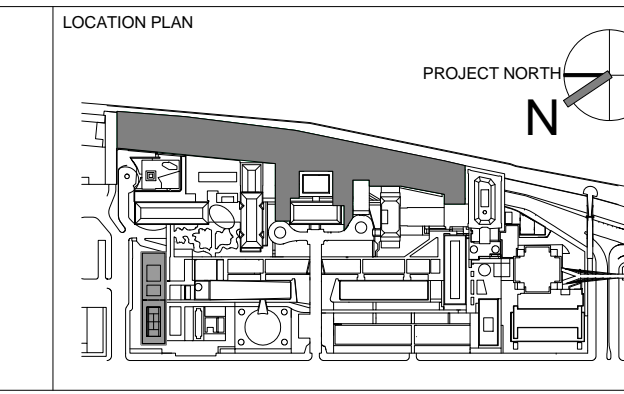
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
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MEP / FP ENGINEER
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INTERIOR LIGHTING DESIGNER
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	DOB SUBMISSION -RB	16-DEC-15	684.100

DRAWING TITLE
REVOLVING DOOR PLAN DETAILS

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 3" = 1'-0"

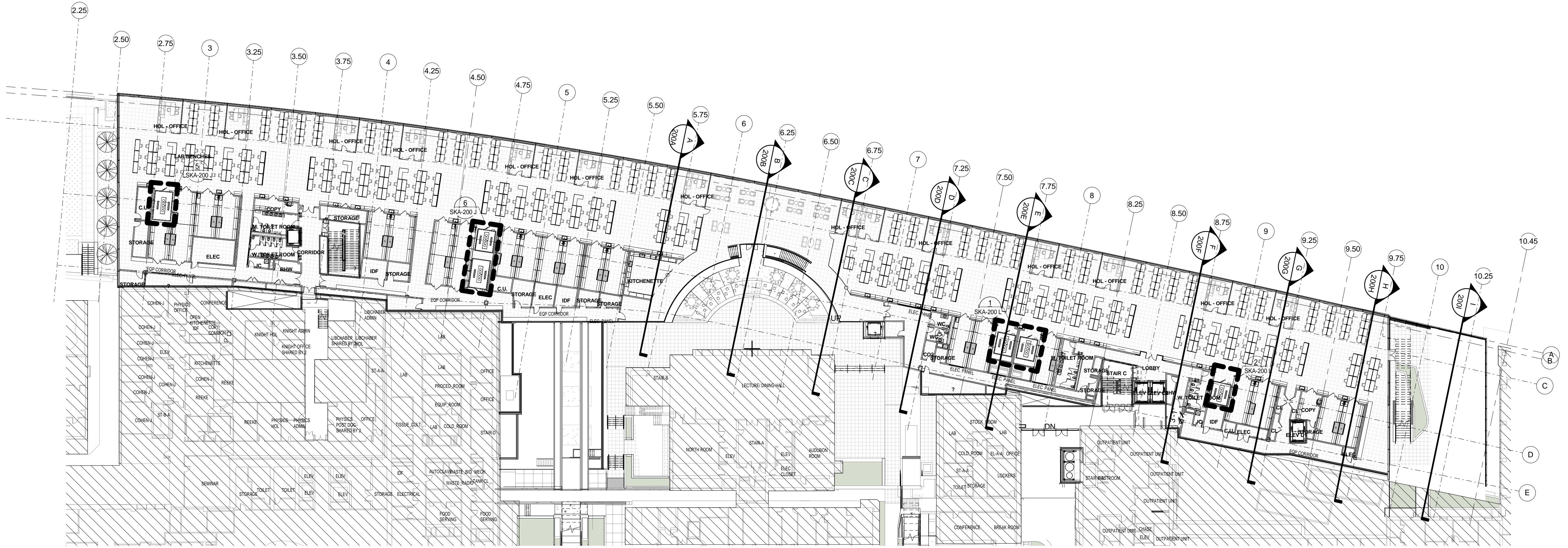
PROJECT PHASE
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DRAWING NUMBER
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DOB REV.
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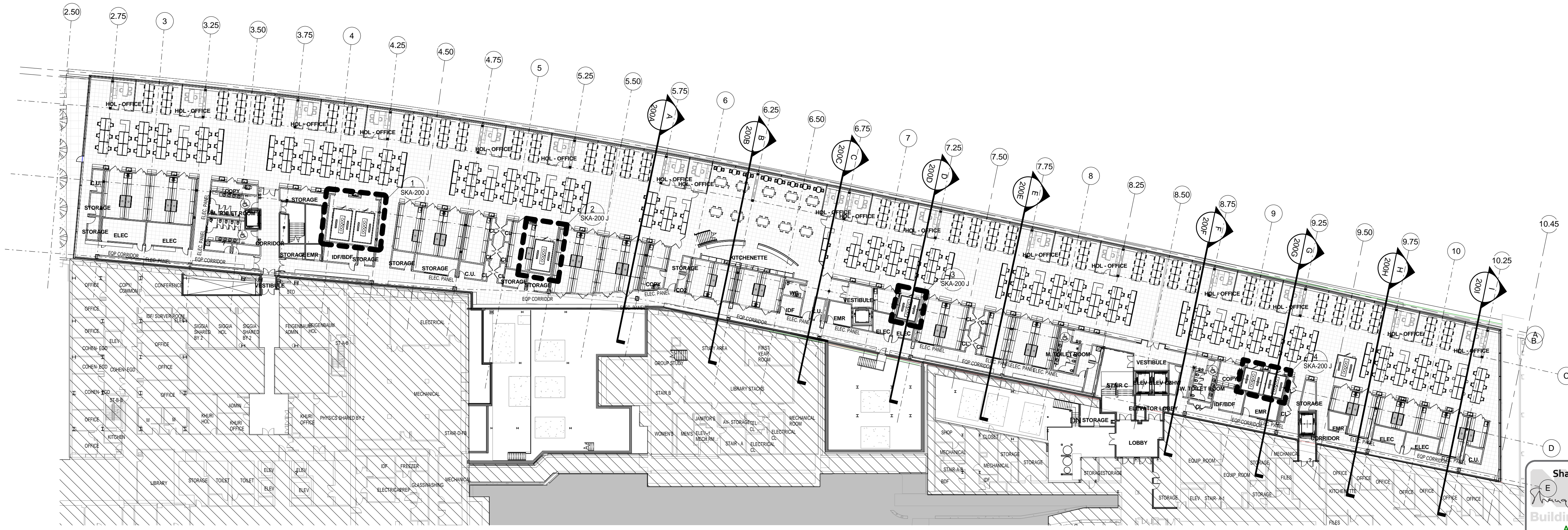
Sheet 110 of 315

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OVERALL LEVEL 2
SCALE: 1/32" = 1'-0"

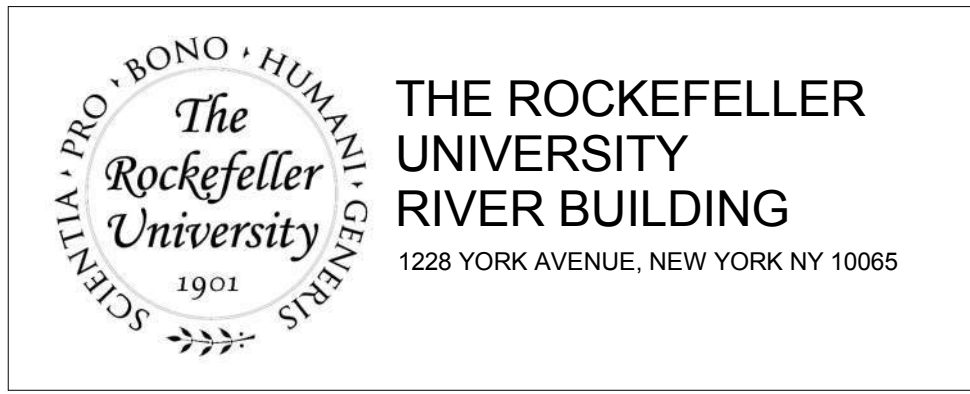
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OVERALL LEVEL 1
SCALE: 1/32" = 1'-0"

1

Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub



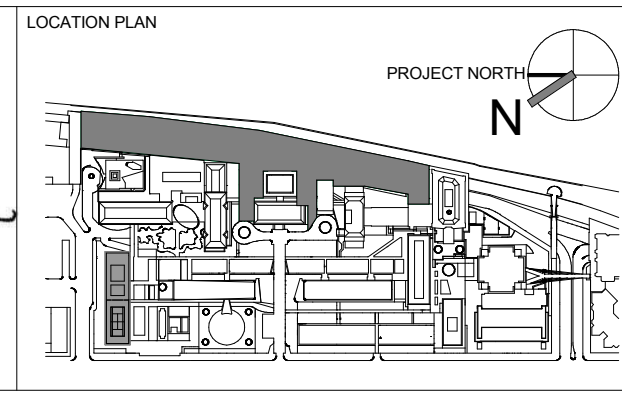
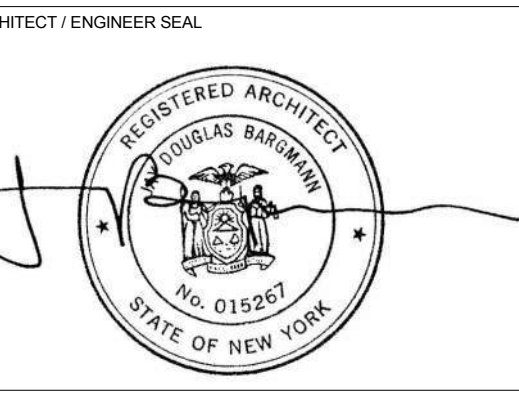
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REV	DESCRIPTION	DATE
1	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100
 DRAWING SIZE
 24" x 36"
 DRAWING SCALE

DRAWING TITLE
LEVEL 1 & 2 BRACING CONDITION - KEY PLAN

DRAWING NUMBER
A-260.00
 Sheet 111 of 315

1

2

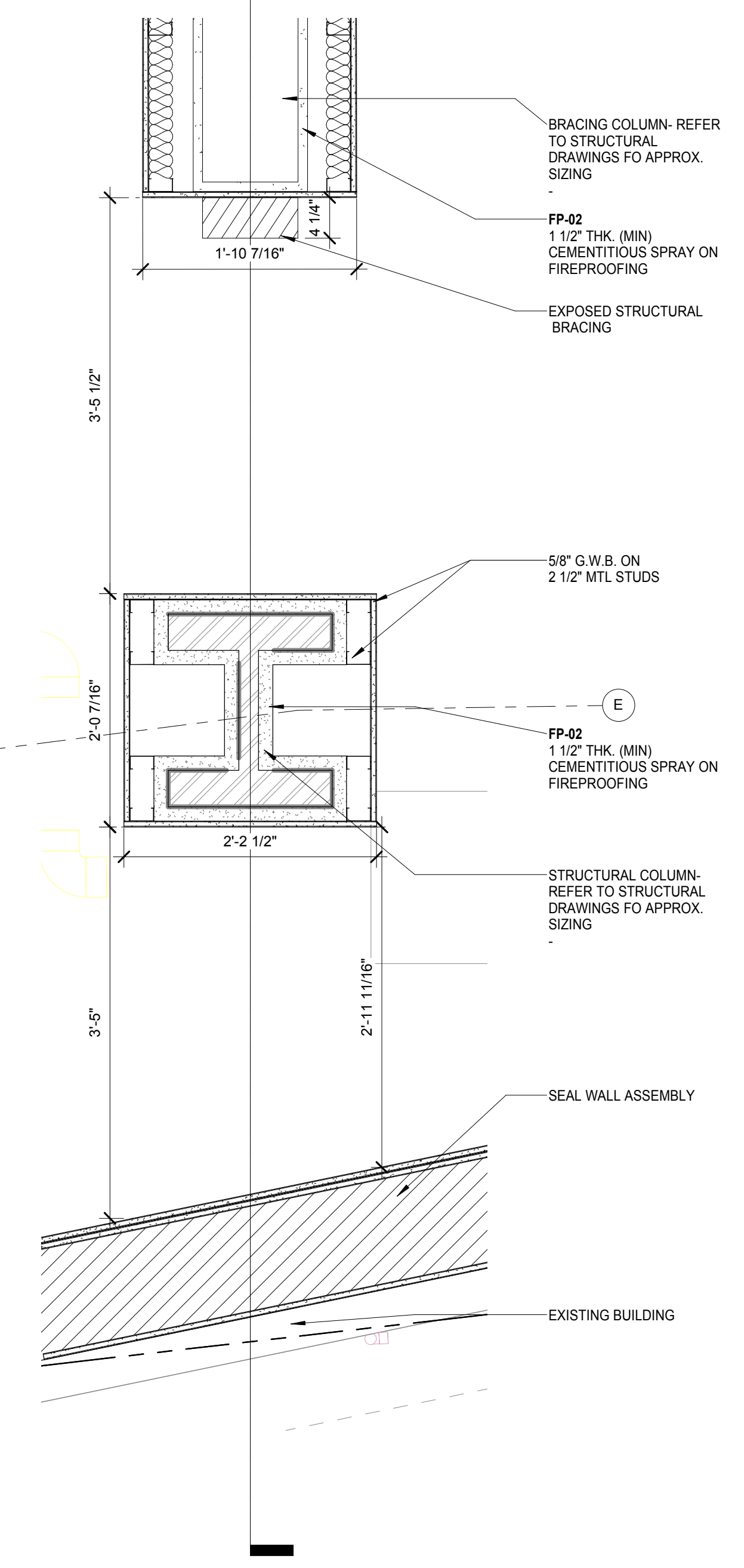
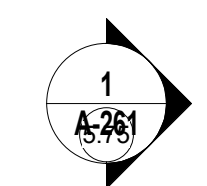
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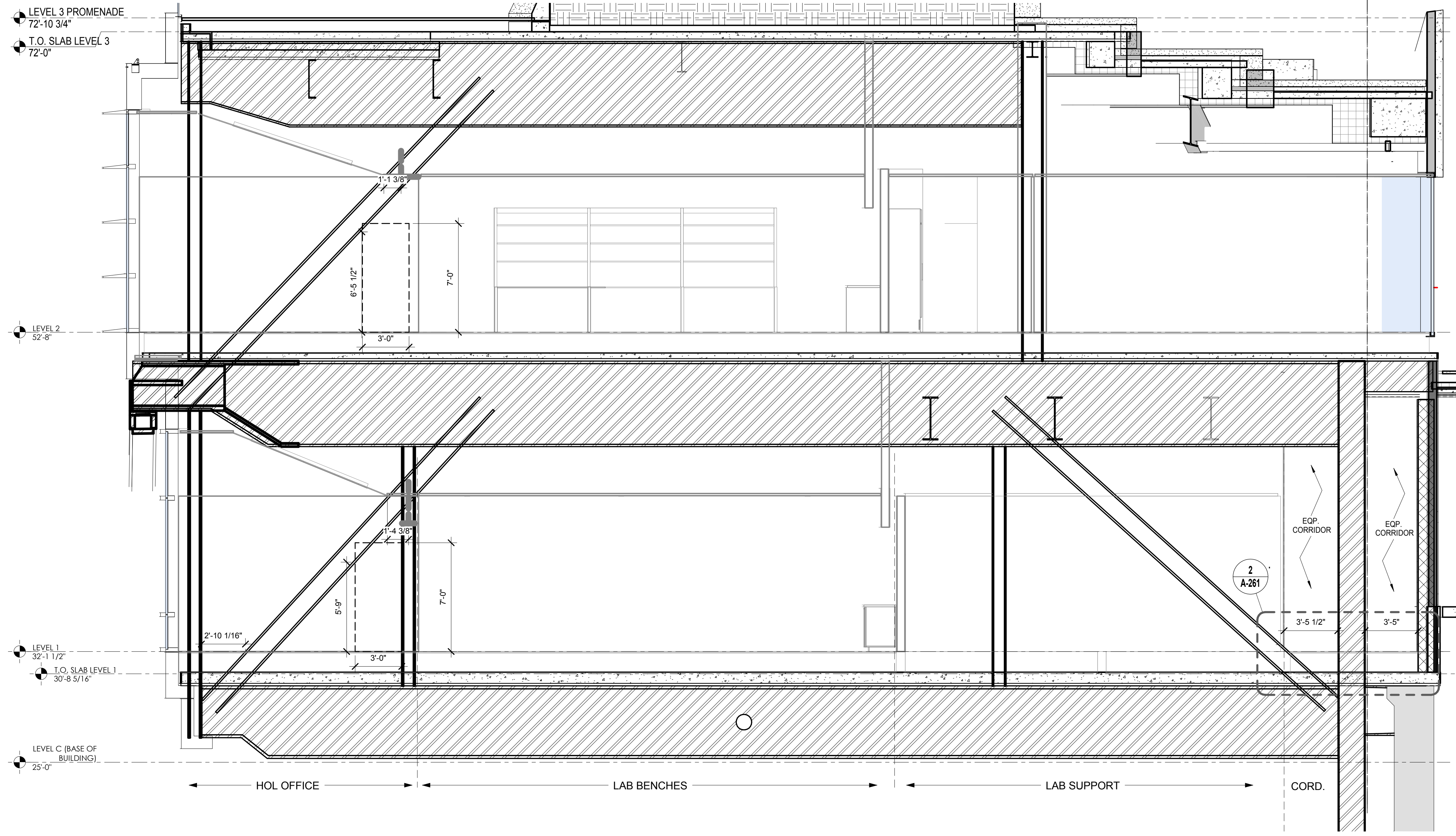
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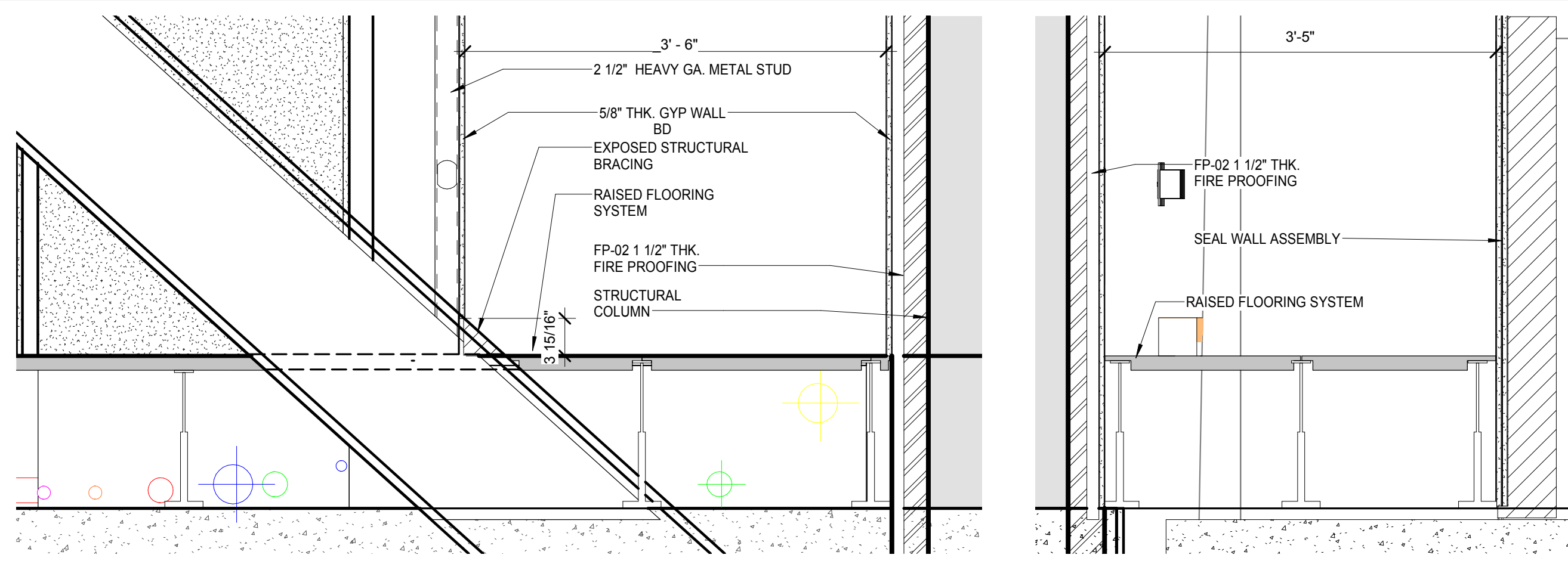
A
B
C
D
E



MASTER SECTOR - FLOOR PLAN / LEVEL 1 WEST CORRIDOR @ COLUMN LINE 5.75
SCALE: 1" = 1'-0"



BUILDING SECTION @ COLUMN LINE 5.75
SCALE: 1/4" = 1'-0"



SECTION - LEVEL 1 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 5.75
SCALE: 1" = 1'-0"

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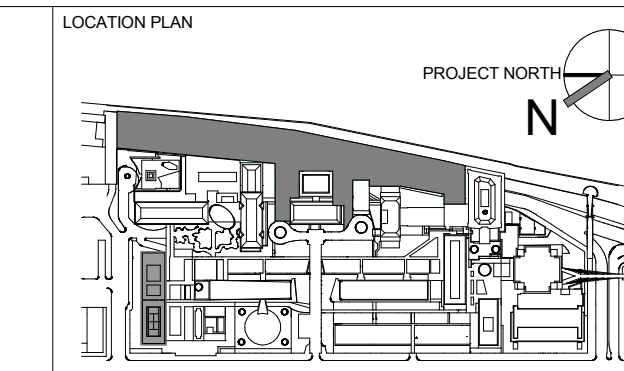
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SPECIFICATION CONSULTANT
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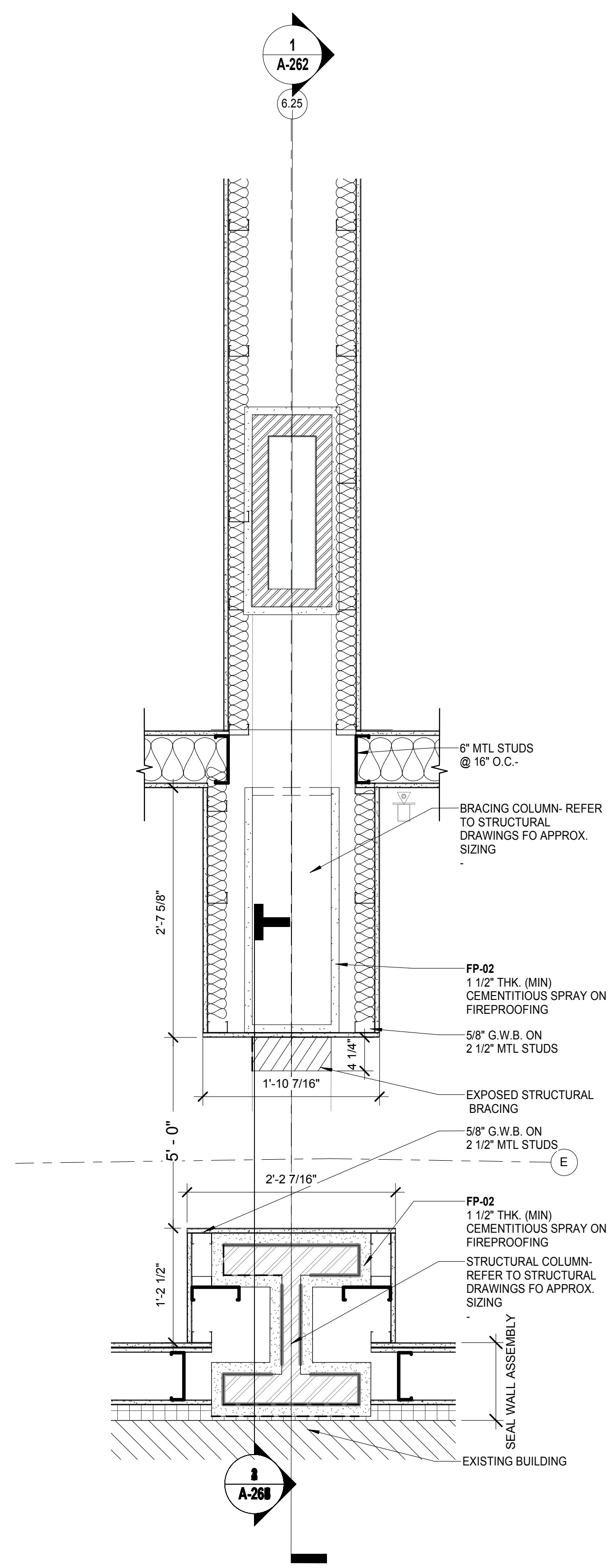
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1	DOB SUBMISSION -RB	16-DEC-15

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DRAWING SCALE: As indicated
PROJECT PHASE: CONSTRUCTION DOCUMENTS

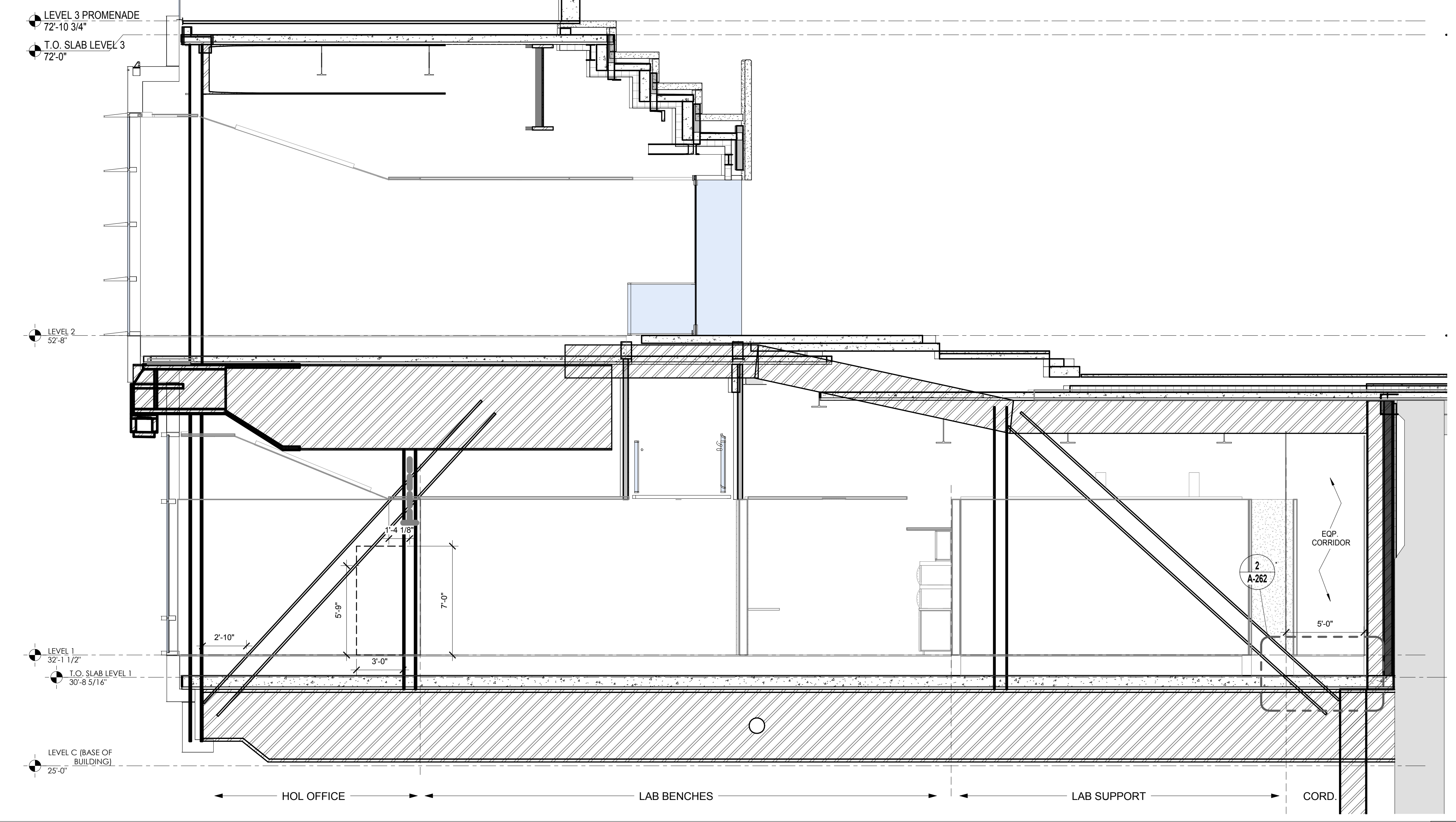
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Sheet 112 of 315

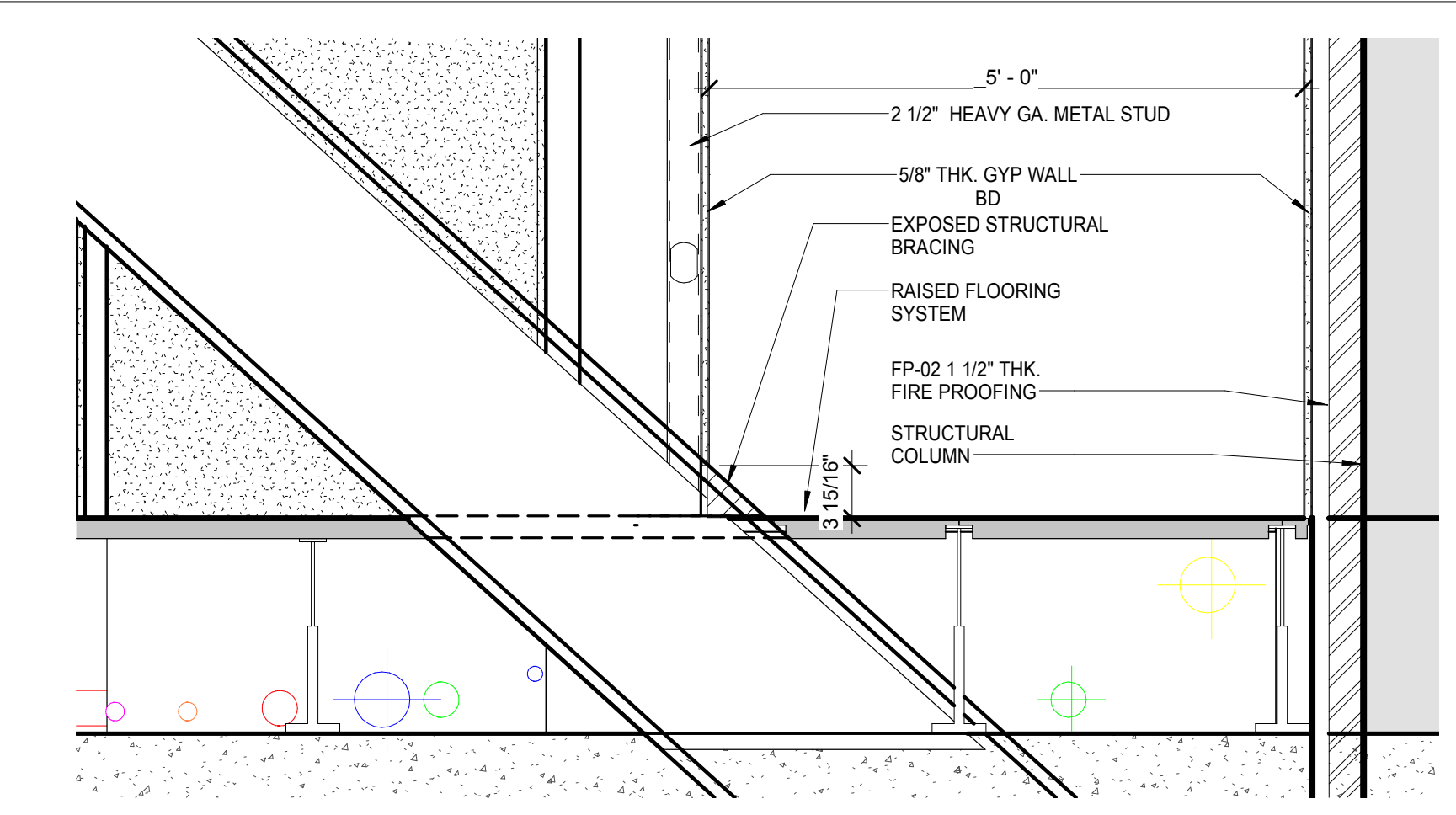




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SCALE: 1" = 1'-0"

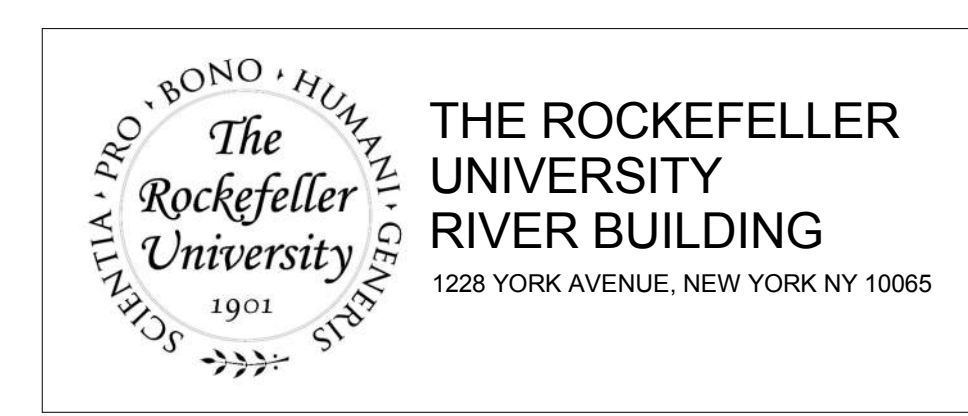


BUILDING SECTION @ COLUMN LINE 6.25
SCALE: 1/4" = 1'-0"



SECTION - LEVEL 1 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 6.25
SCALE: 1" = 1'-0"

Shauqat Shaikh
Shauqat Shaikh
Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub



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1228 YORK AVENUE, NEW YORK NY 10065

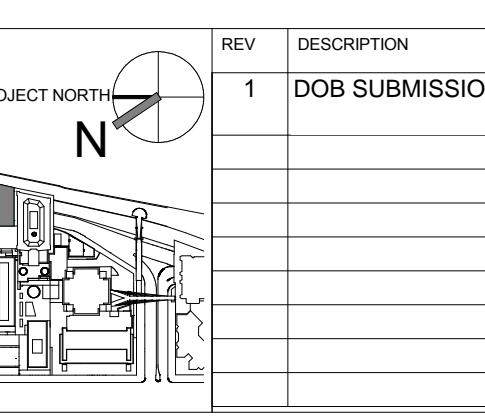
ARCHITECT
RAFAEL VINOLY ARCHITECTS
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STRUCTURAL ENGINEER
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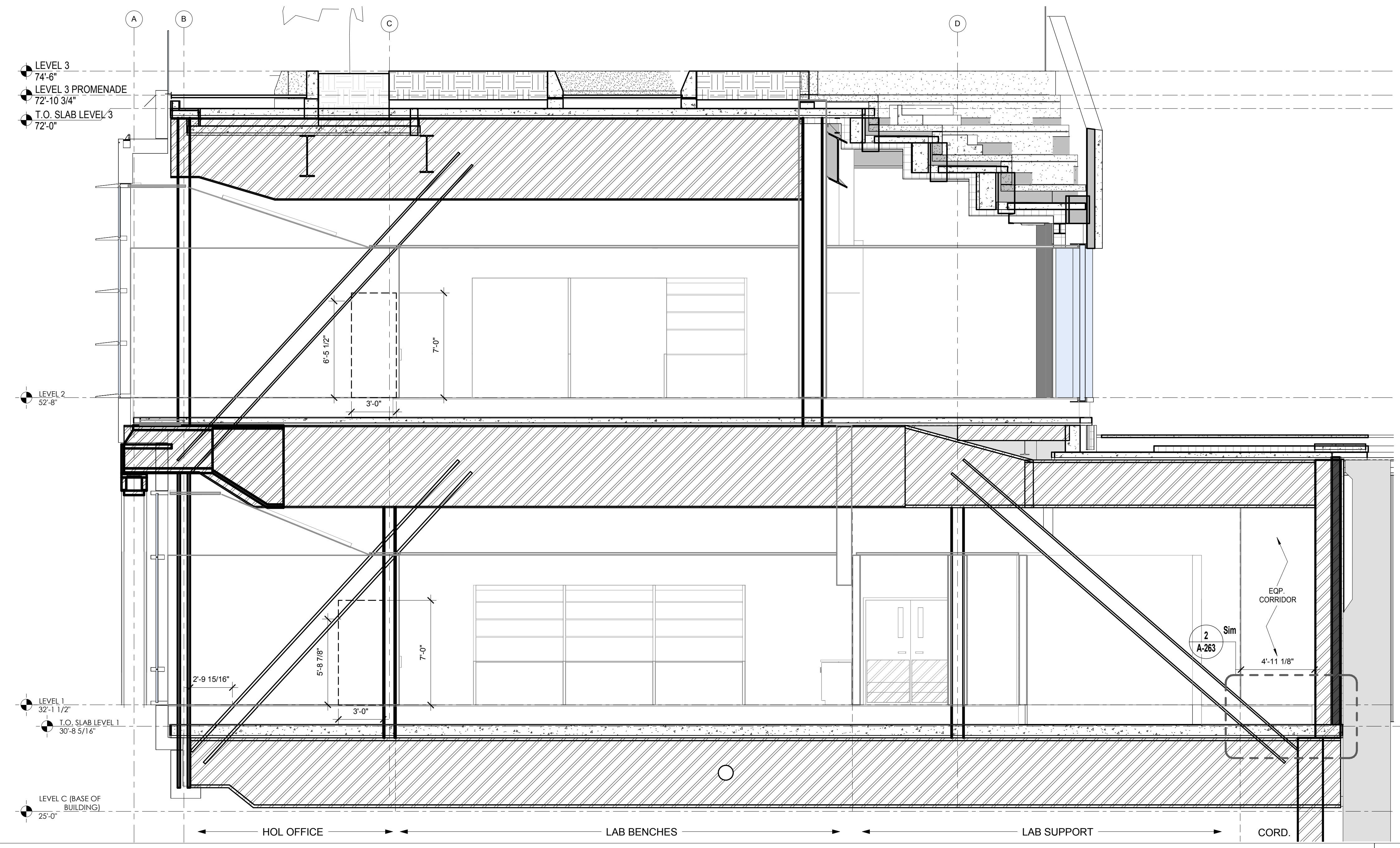
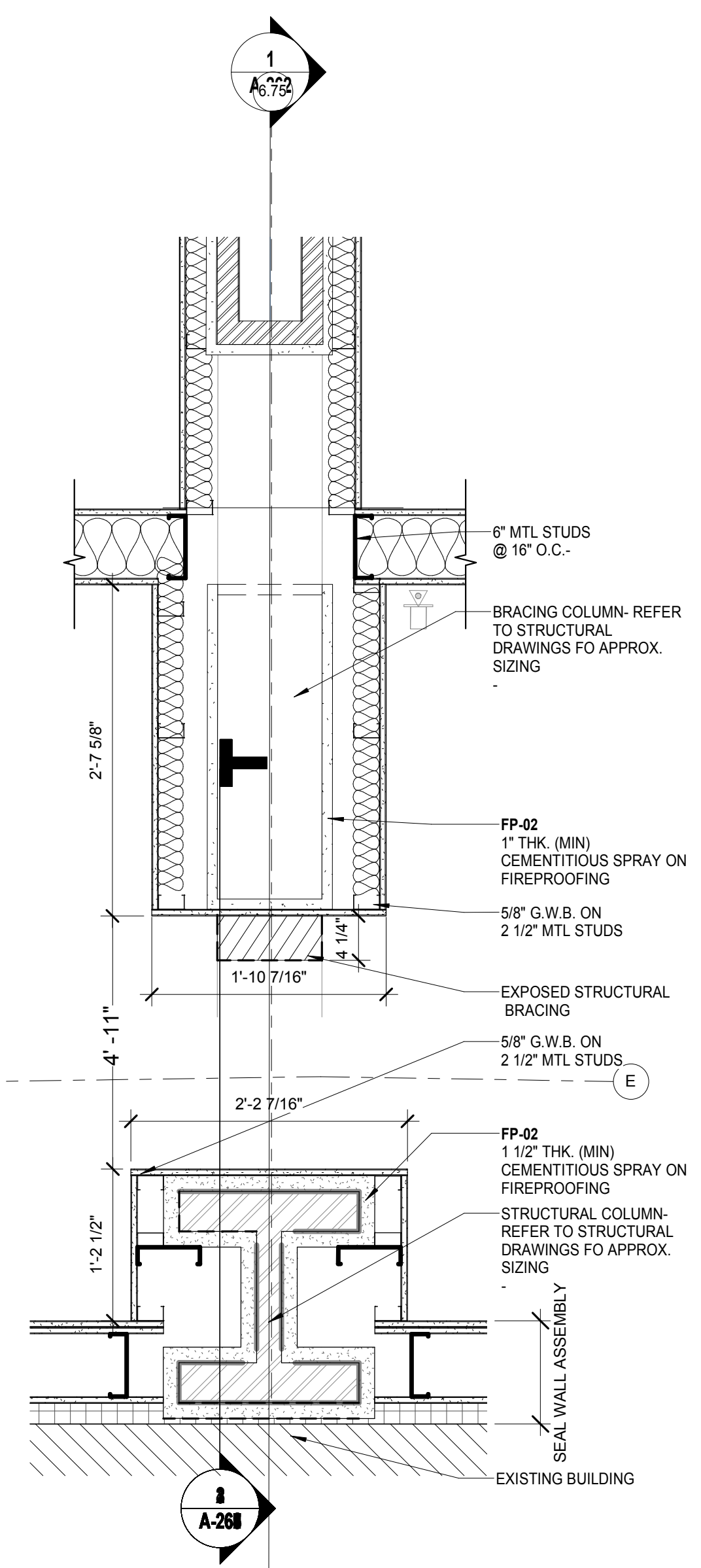
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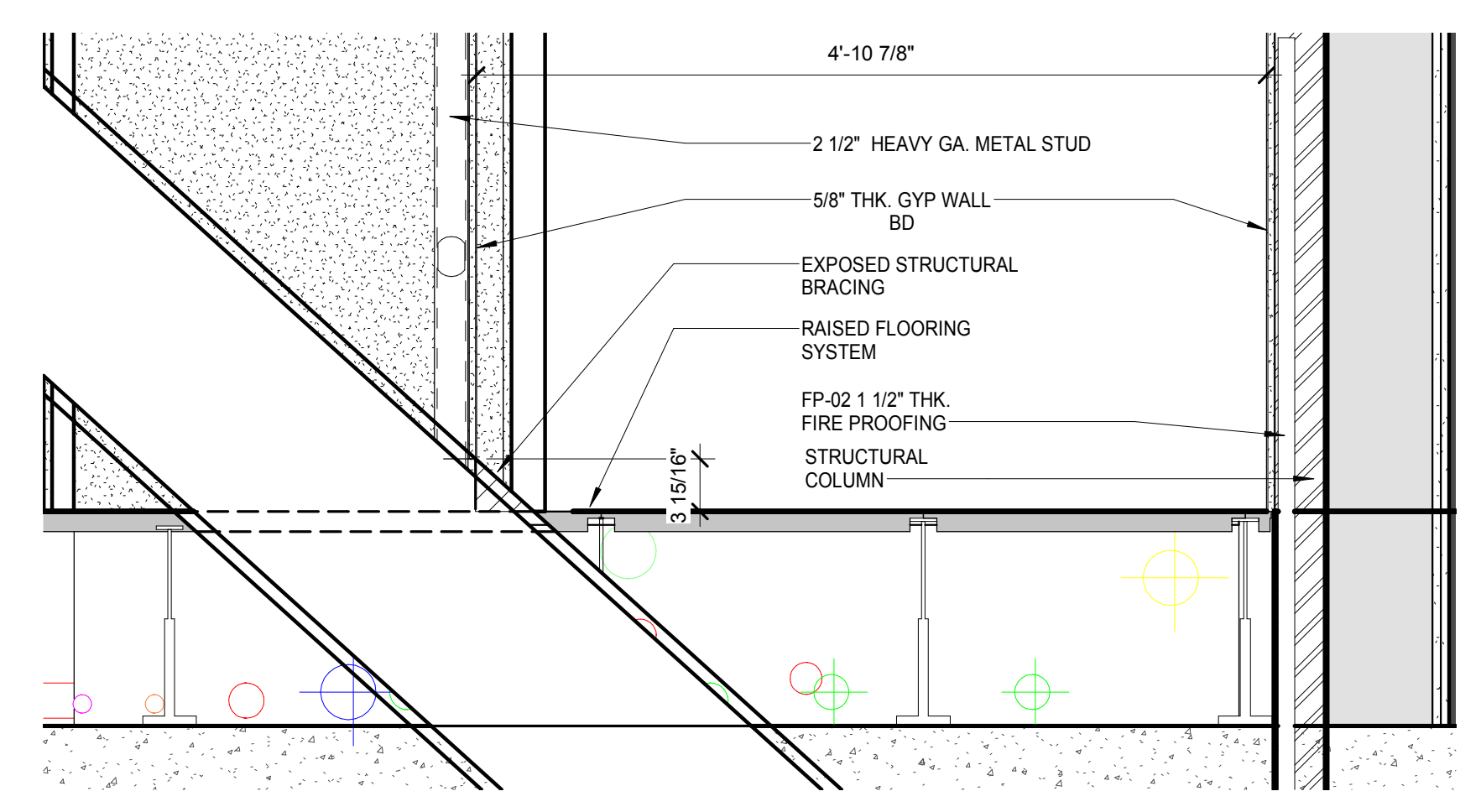
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1	DOB SUBMISSION -RB	16-DEC-15	664.100	BRACING CONDITION @ COLUMN LINE 6.25

DRAWING NUMBER
A-262.00
DRAWING SCALE
As Indicated
PROJECT PHASE
CONSTRUCTION DOCUMENTS

Sheet 113 of 315



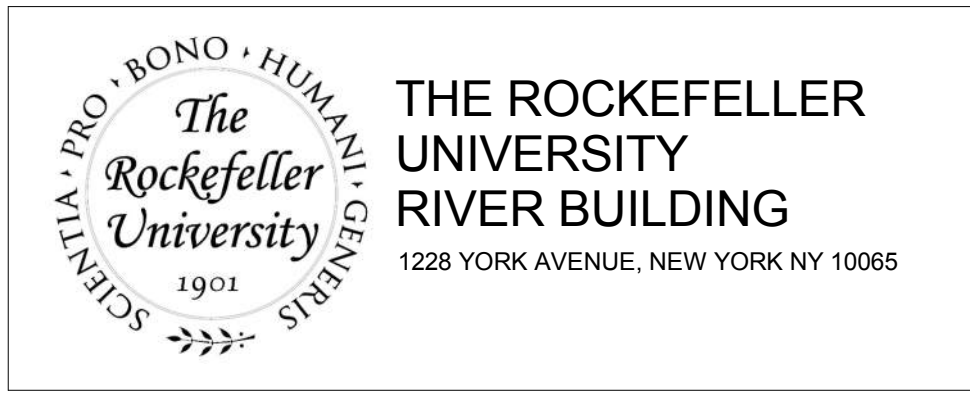
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SCALE: 1/4" = 1'-0"



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Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

MASTER SECTOR - FLOOR PLAN / LEVEL 1 WEST CORRIDOR DETAIL @ COLUMN LINE 6.75
SCALE: 1" = 1'-0"

SECTION - LEVEL 1 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 6.75
SCALE: 1" = 1'-0"



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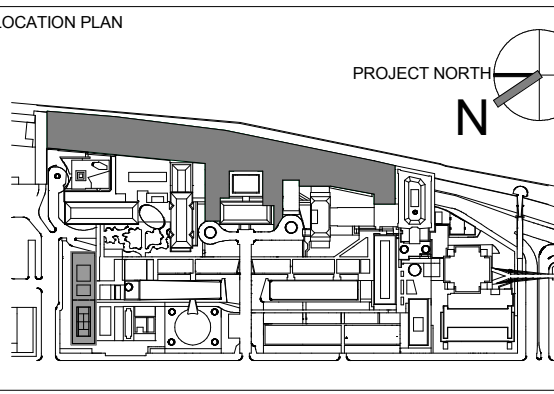
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 BARD, RAO + ATHANAS
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ARCHITECT / ENGINEER SEAL



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1	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING TITLE
BRACING CONDITION @ COLUMN LINE 6.75

DRAWING SIZE
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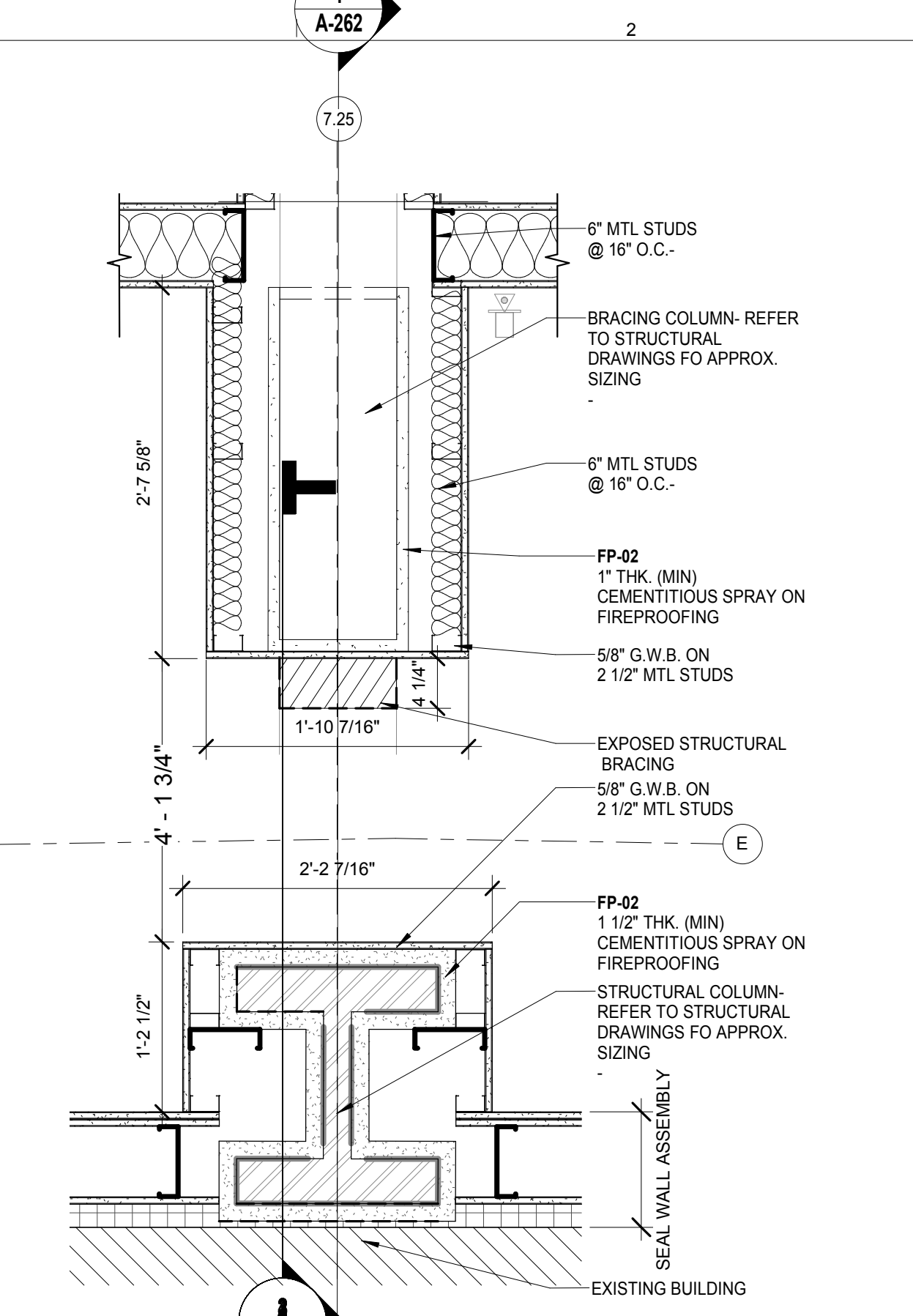
DRAWING SCALE
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PROJECT PHASE
 CONSTRUCTION DOCUMENTS

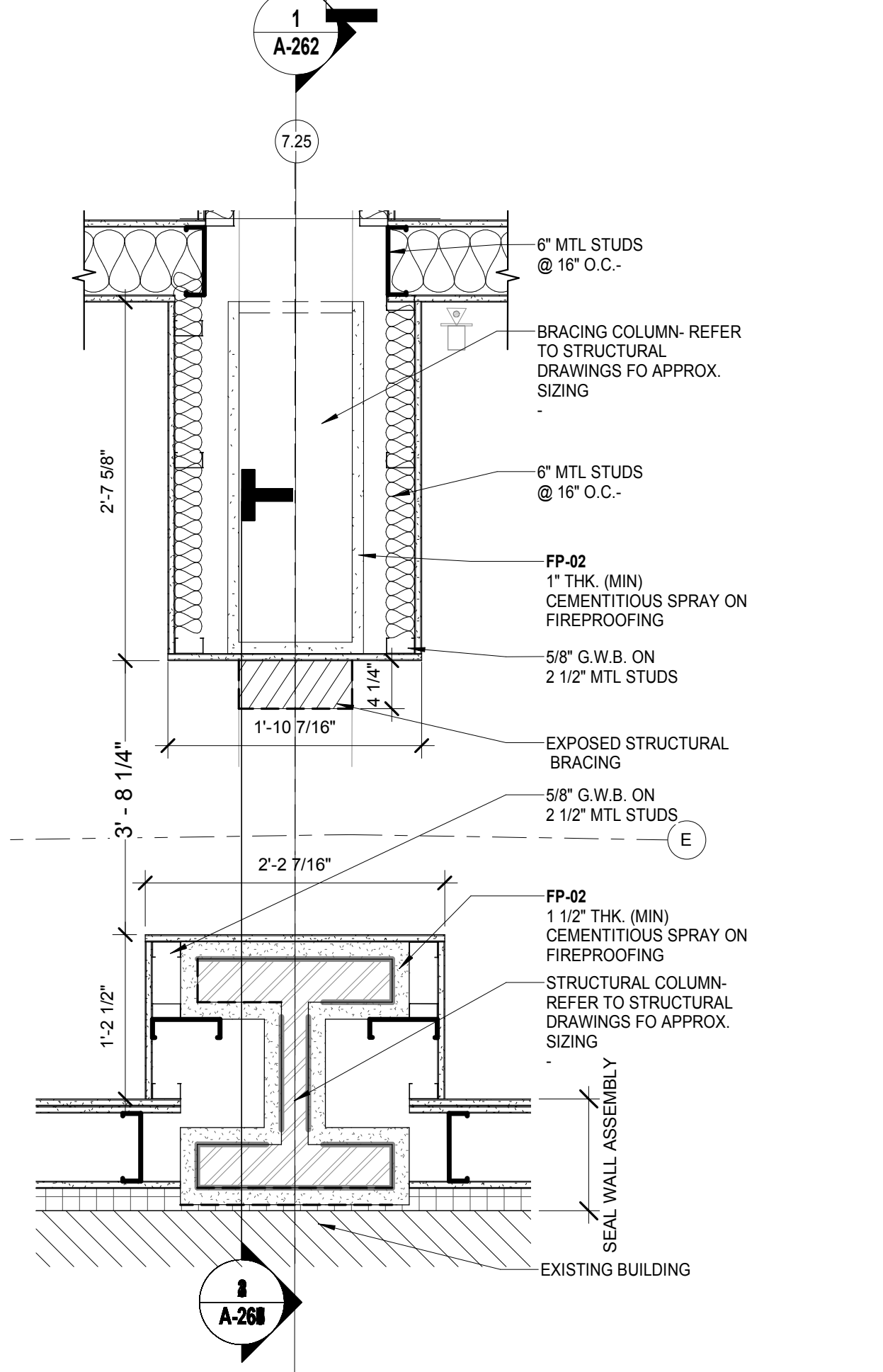
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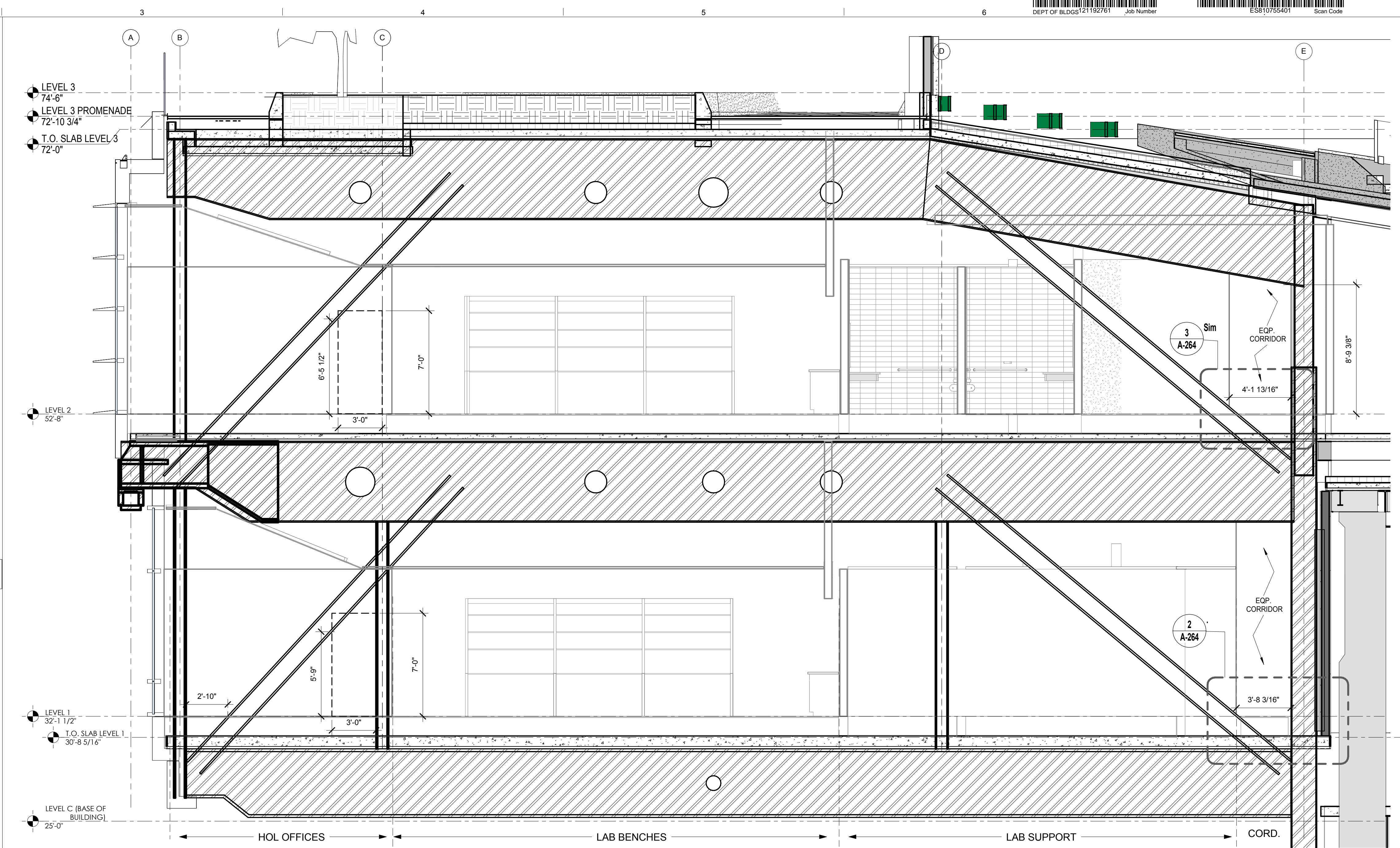
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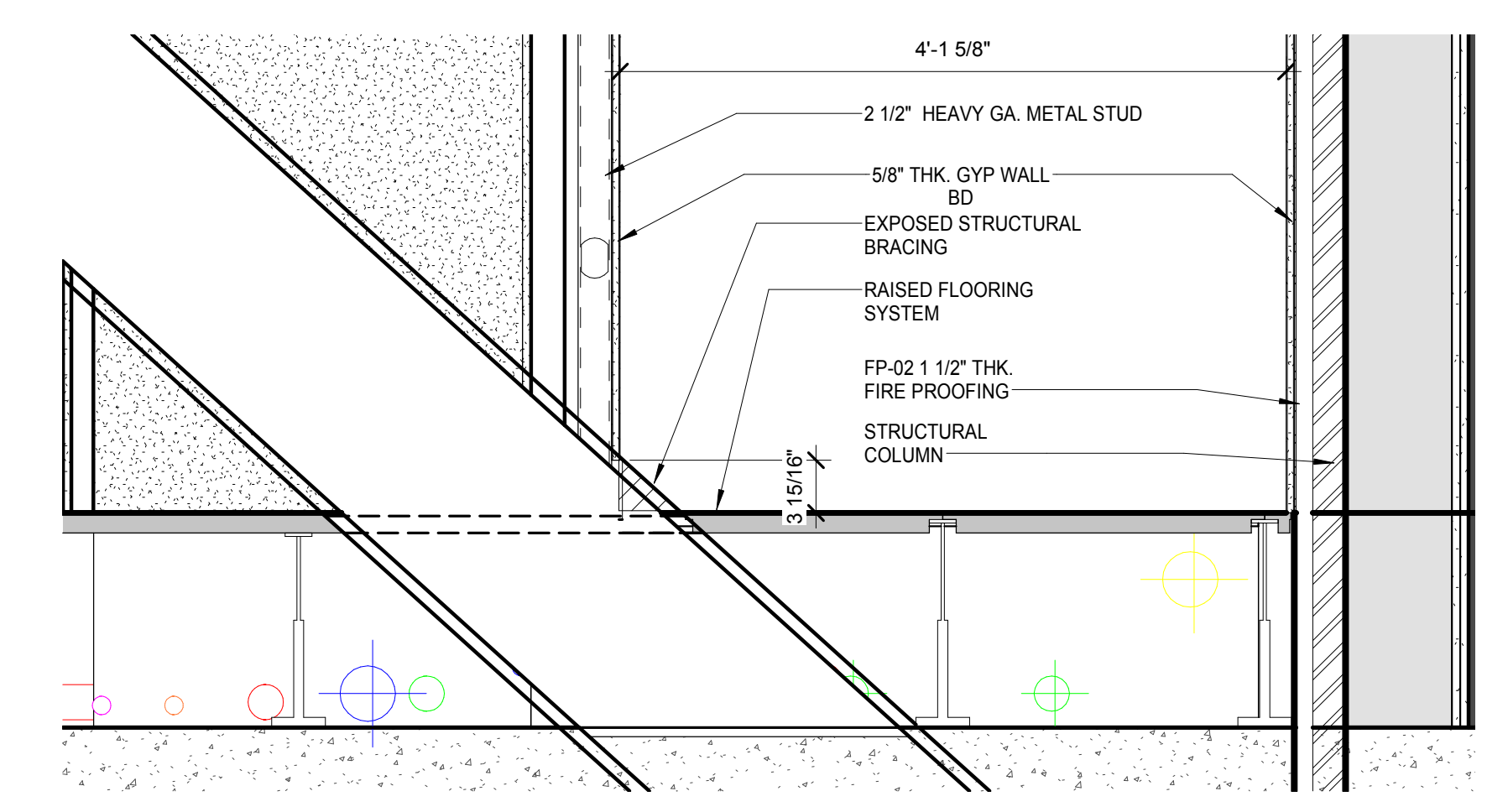
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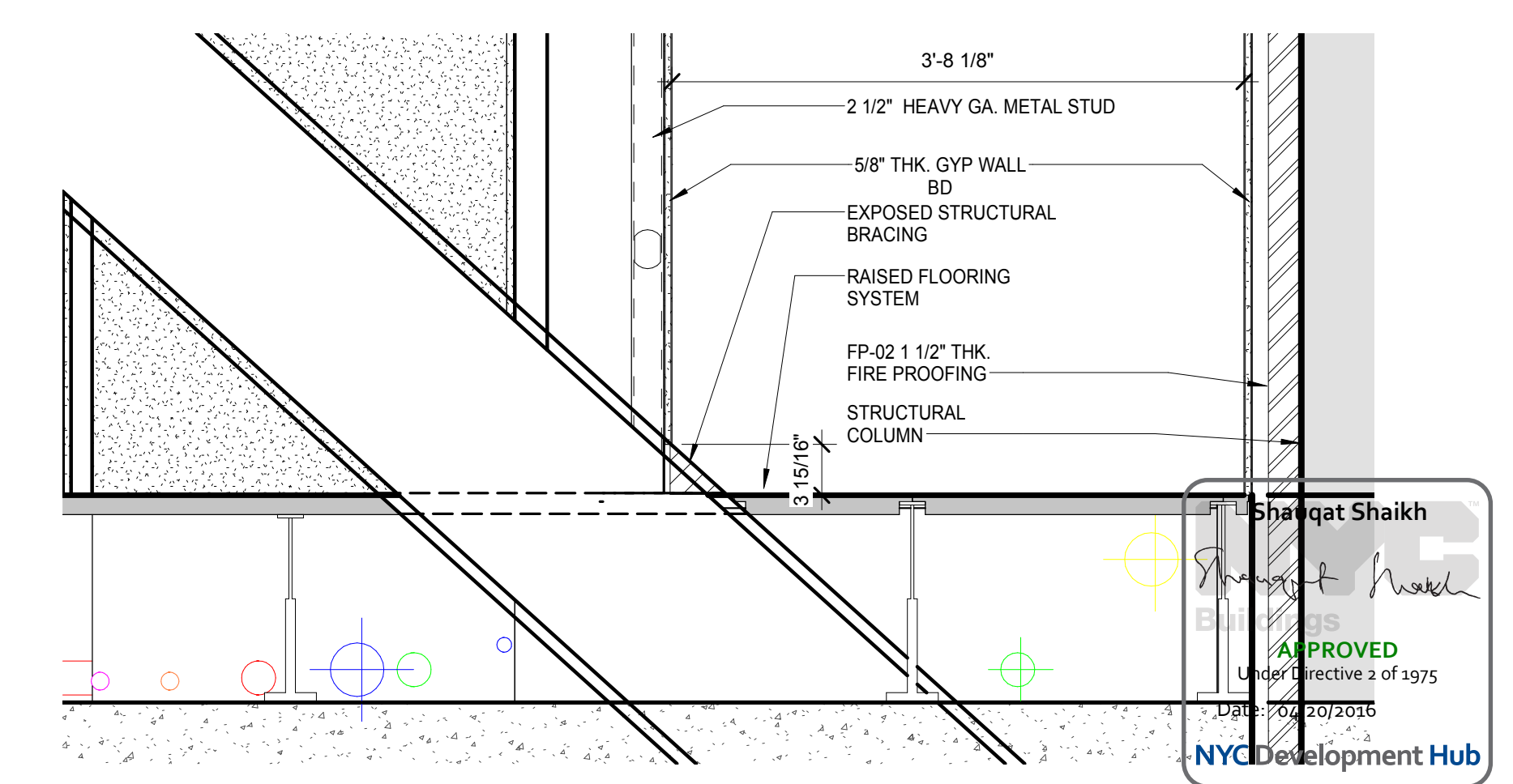
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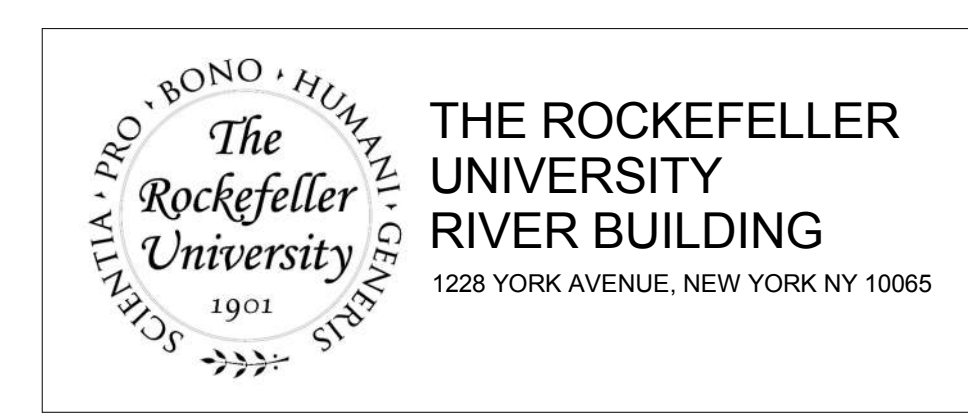
BUILDING SECTION @ COLUMN LINE 7.25 SCALE: 1/4" = 1'-0" 1



SECTION - LEVEL 2 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 7.25 SCALE: 1" = 1'-0" 3



SECTION - LEVEL 1 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 7.25 SCALE: 1" = 1'-0" 2



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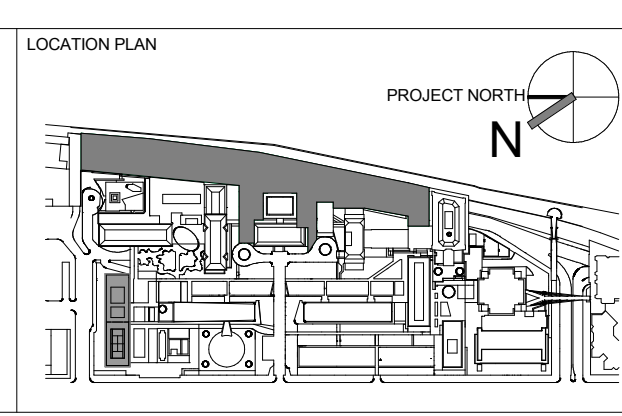
LANDSCAPE ARCHITECT
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 120 BROADWAY, SUITE 1040
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
1	DOB SUBMISSION -RB	16-DEC-15	664.100	BRACING CONDITION @ COLUMN LINE 7.25

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

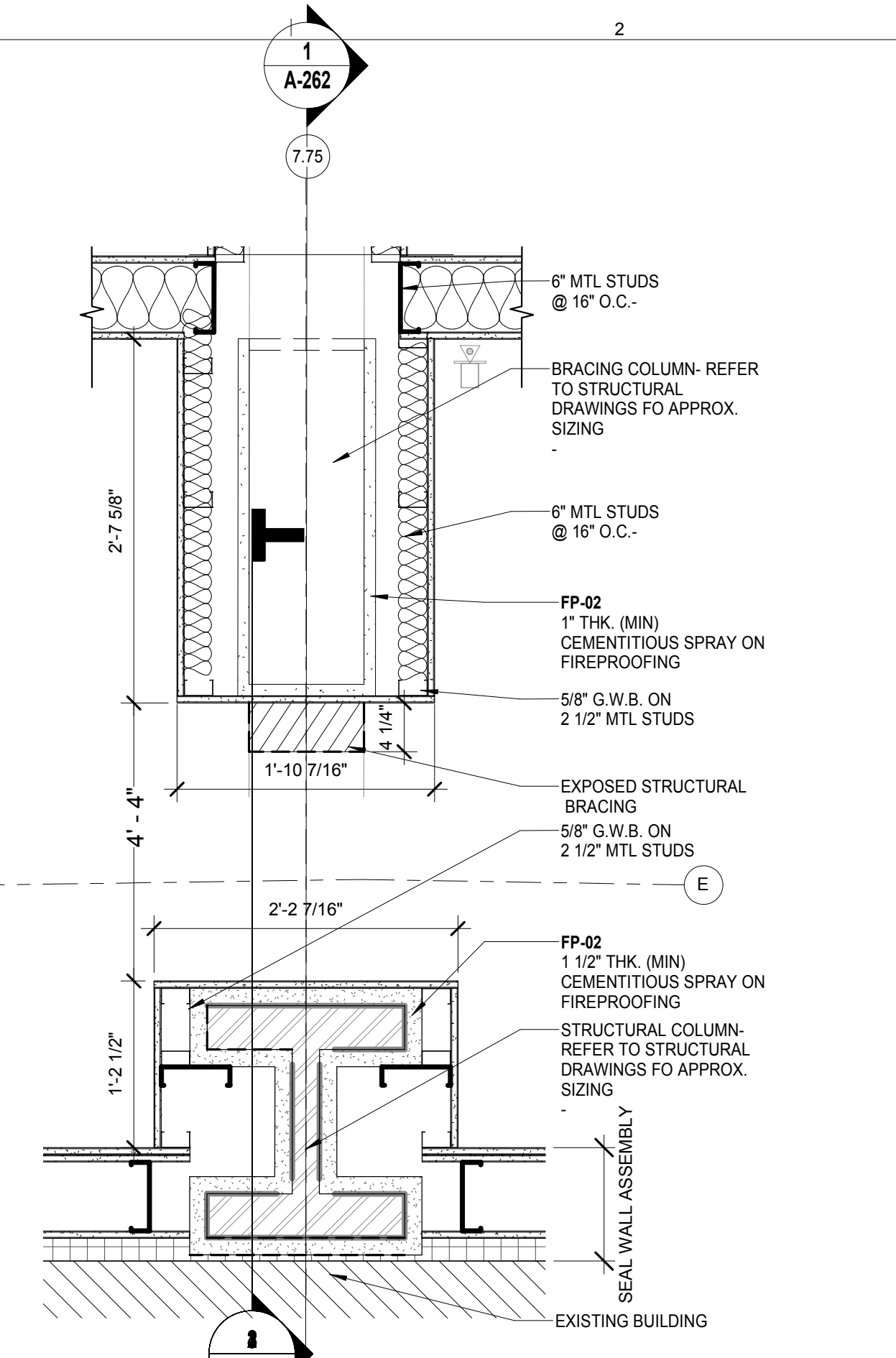
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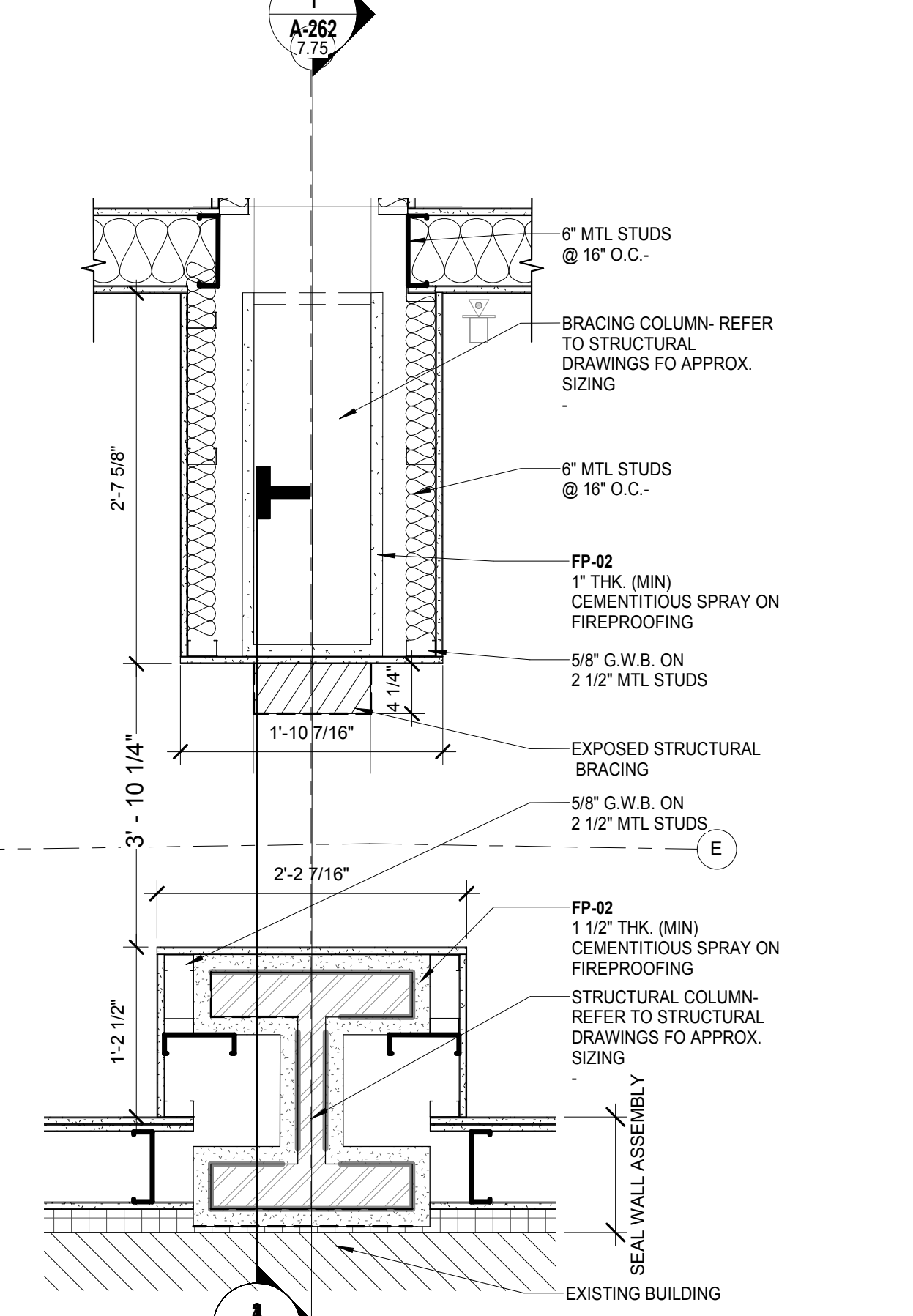
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APPROVED
Under Executive 2 of 1975
DOB 16-DEC-2016

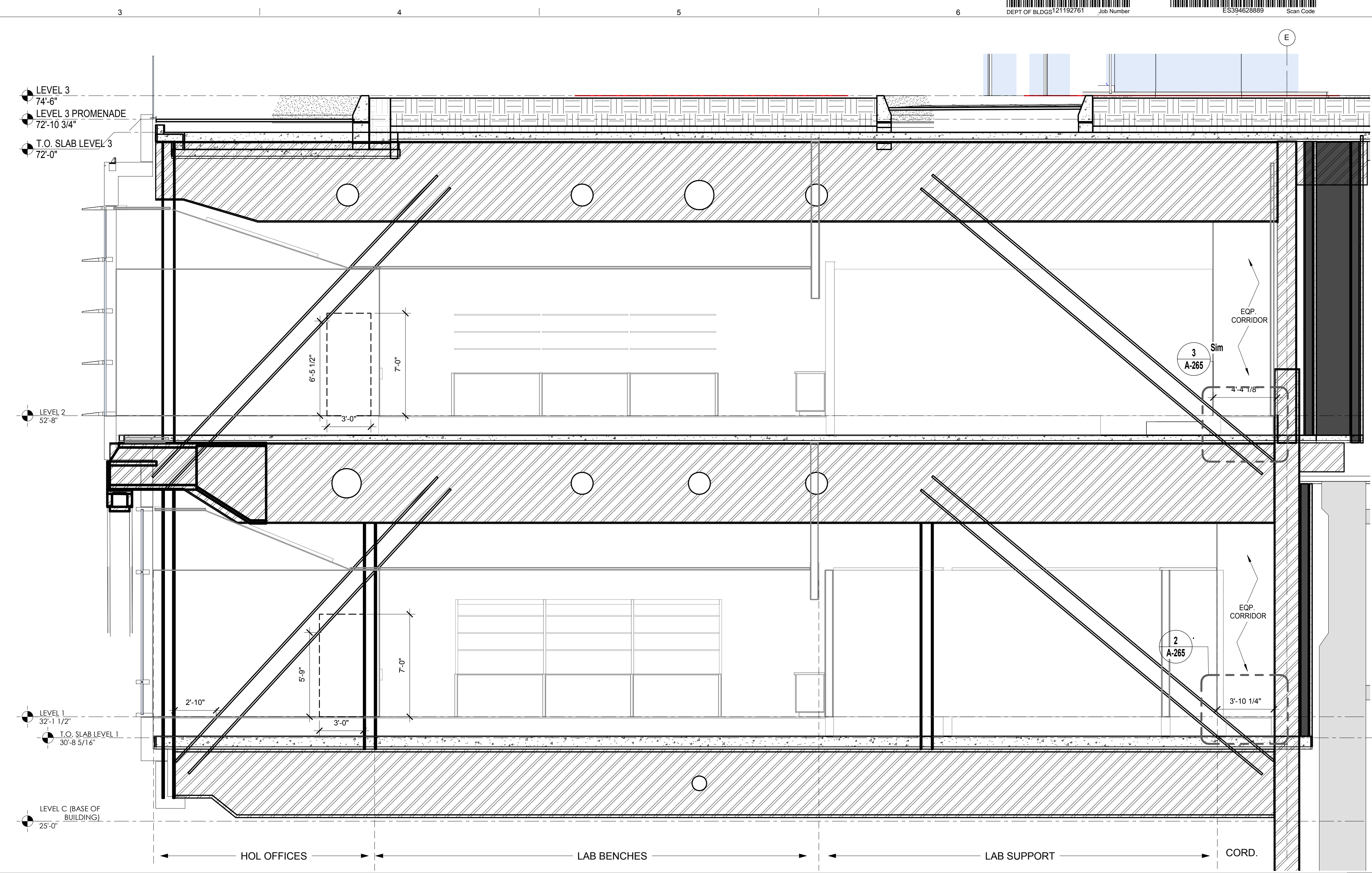
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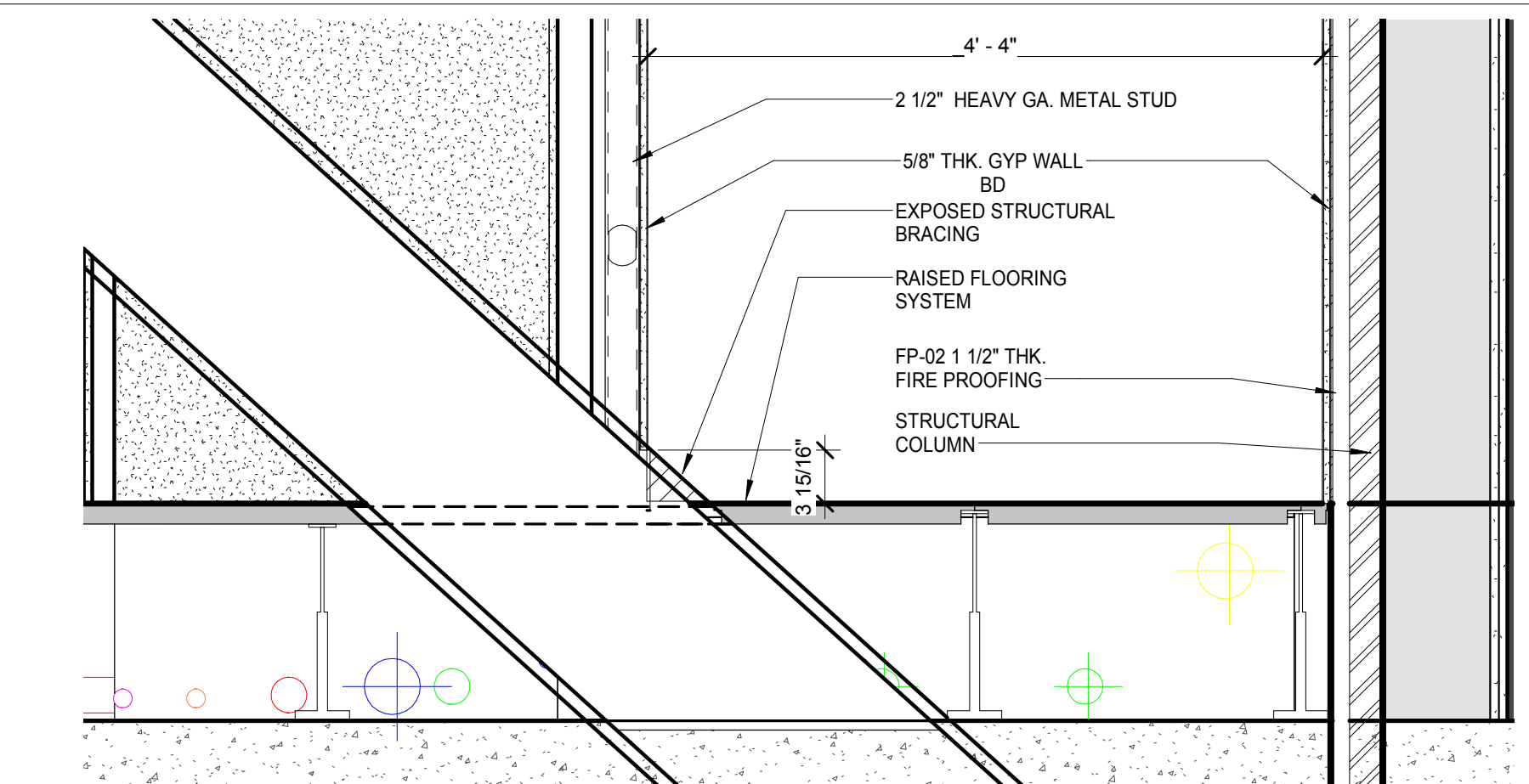
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SCALE: 1" = 1'-0" 5



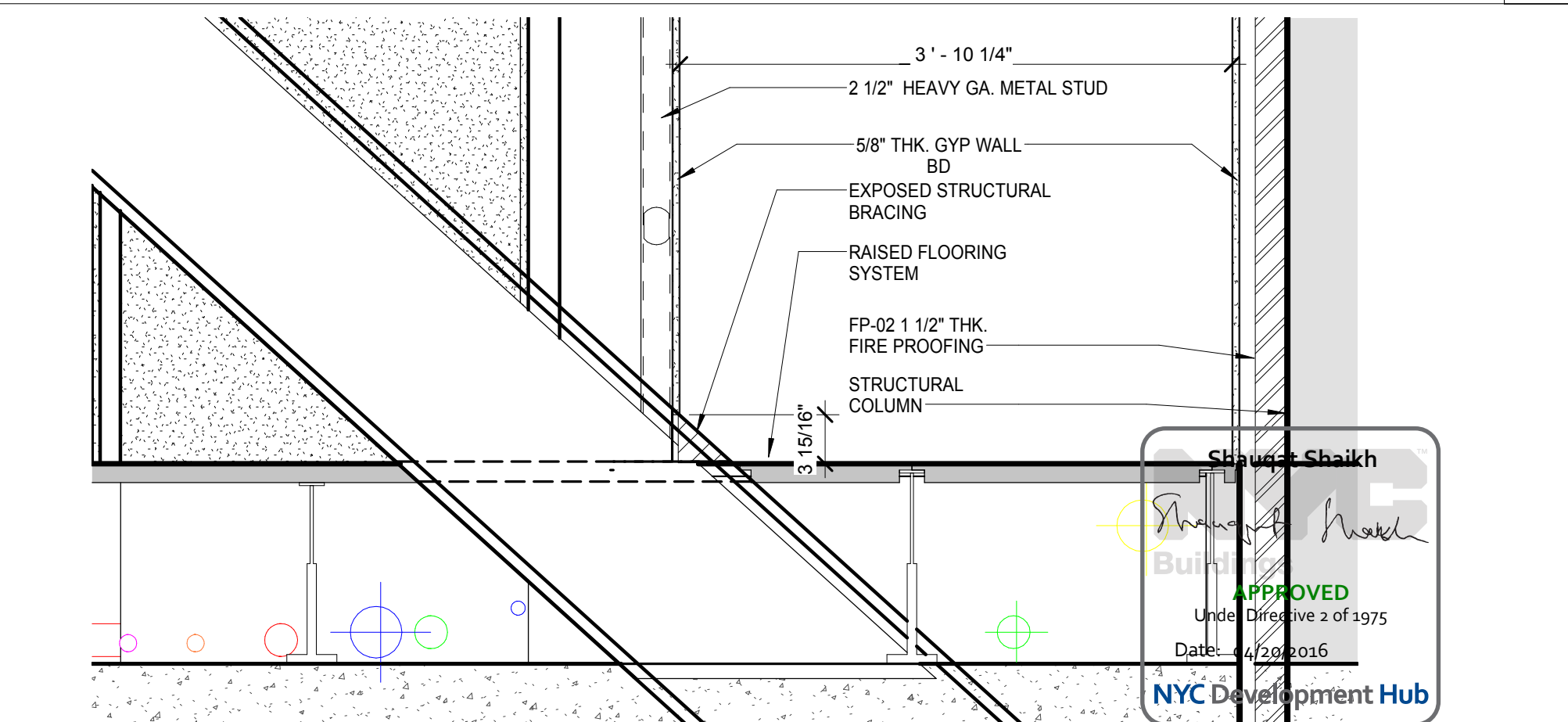
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SCALE: 1" = 1'-0" 4



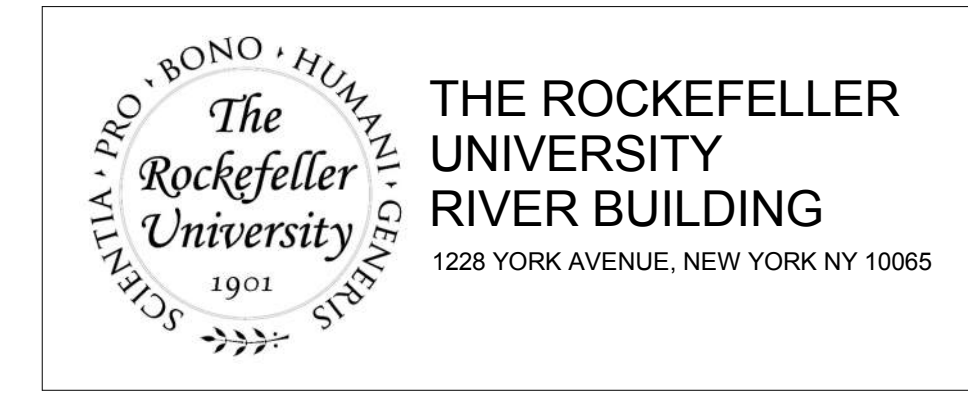
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SCALE: 1/4" = 1'-0" 1



SECTION - LEVEL 2 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 7.75
SCALE: 1" = 1'-0" 3



SECTION - LEVEL 1 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 7.75
SCALE: 1" = 1'-0" 2



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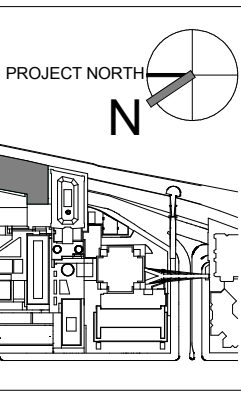
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THORNTON TOMASETTI, INC.
744 BROAD STREET
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ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

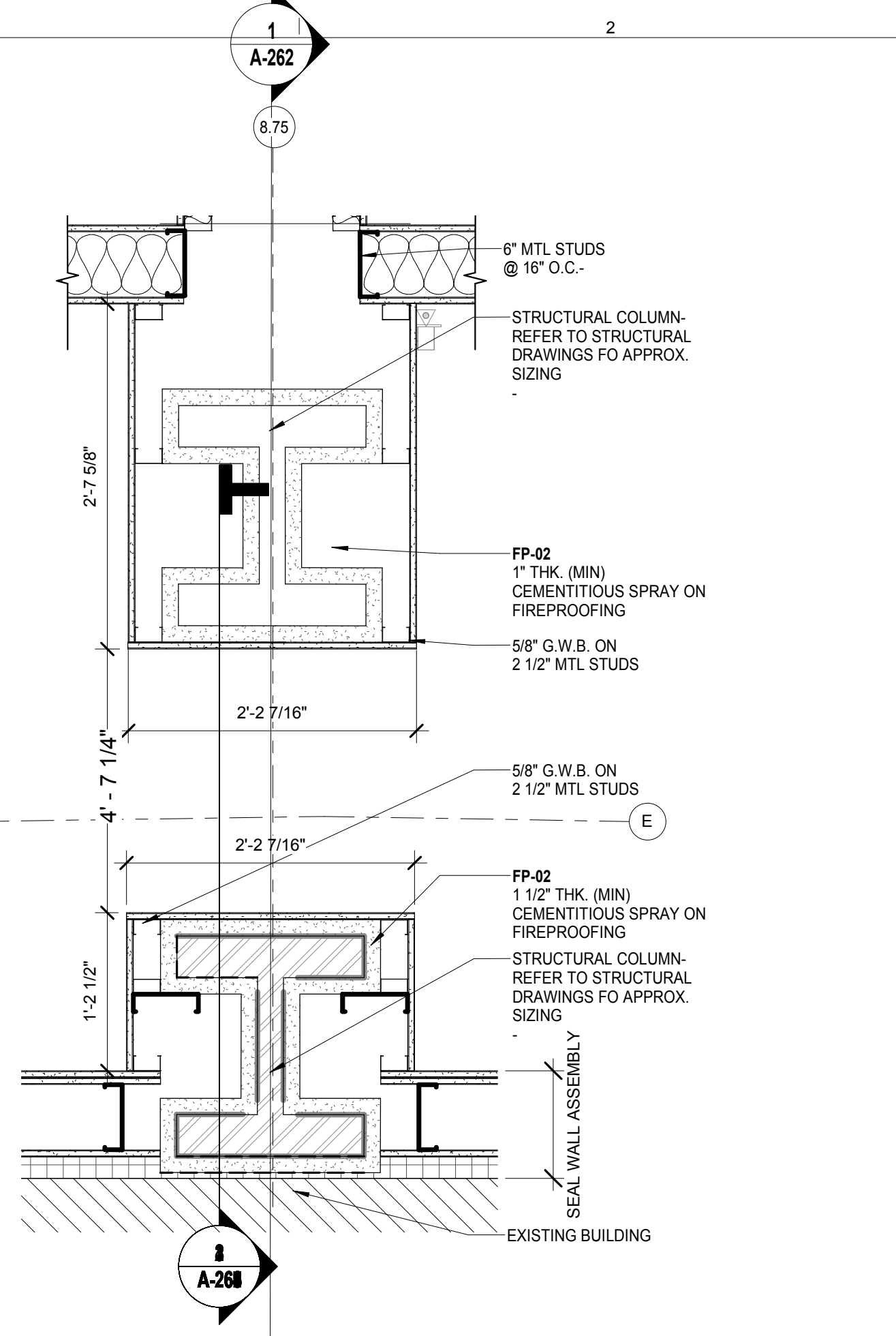
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BRACING CONDITION @ COLUMN LINE 7.75

DRAWING NUMBER
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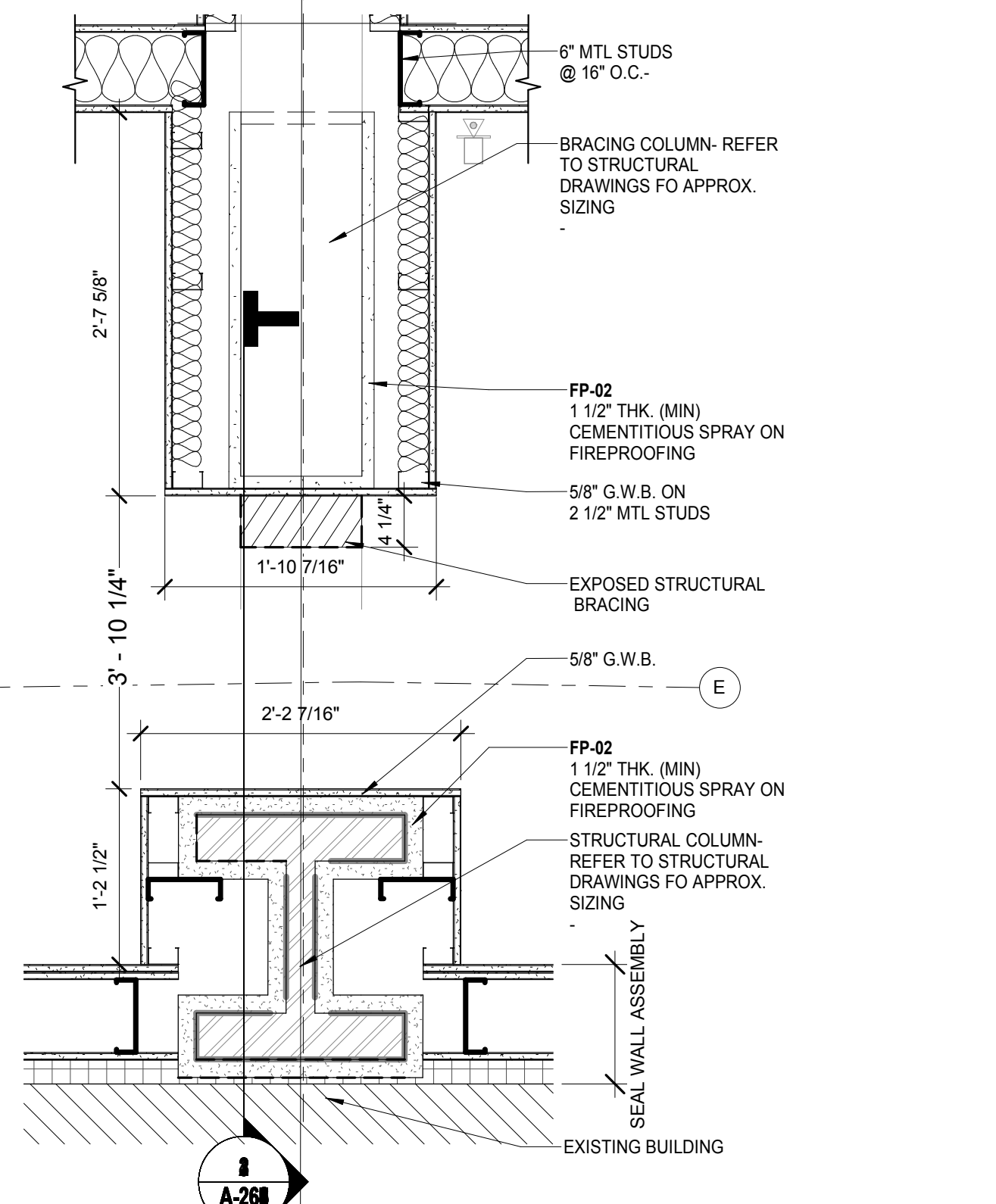
DATE
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APPROVED
Under Directive 2 of 1975

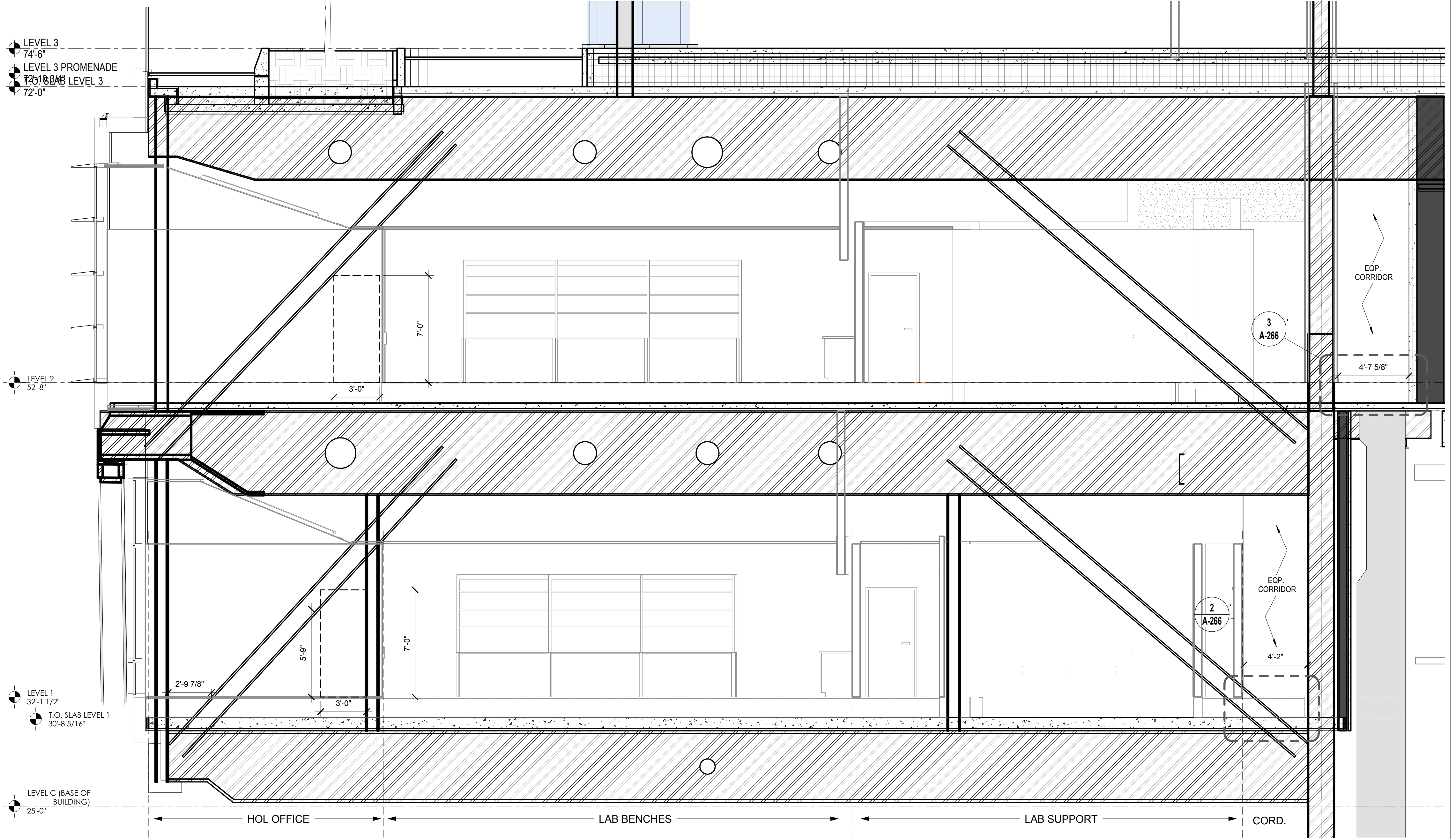
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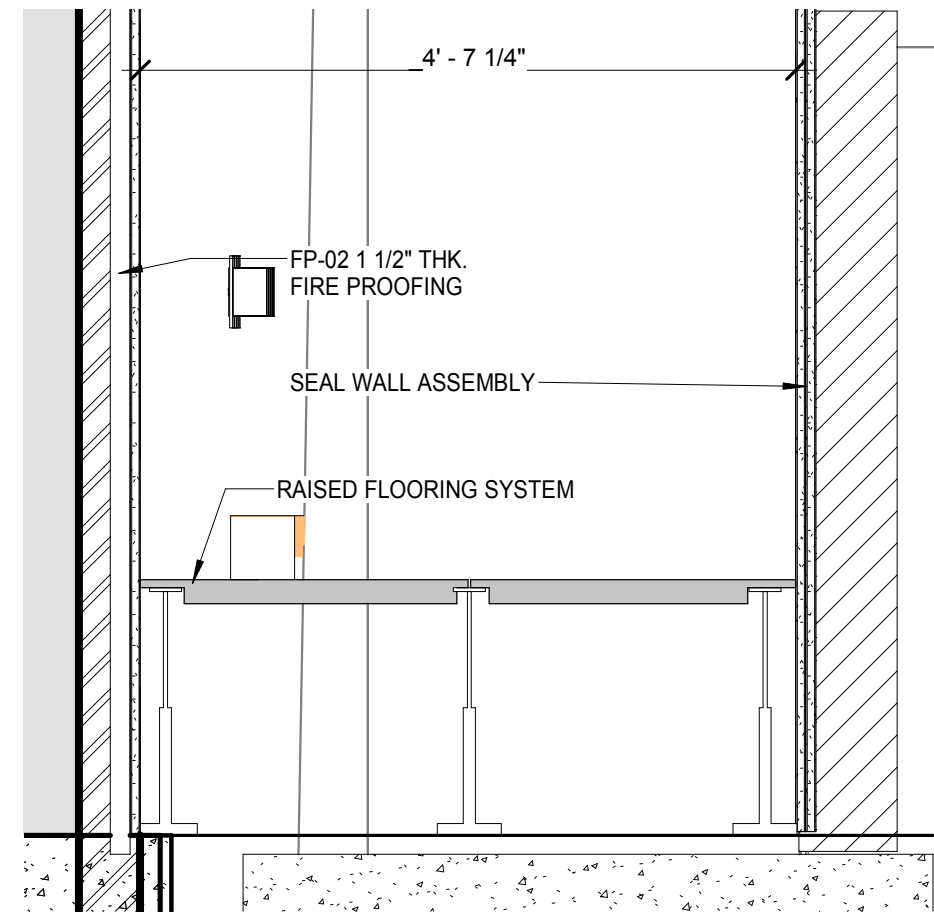
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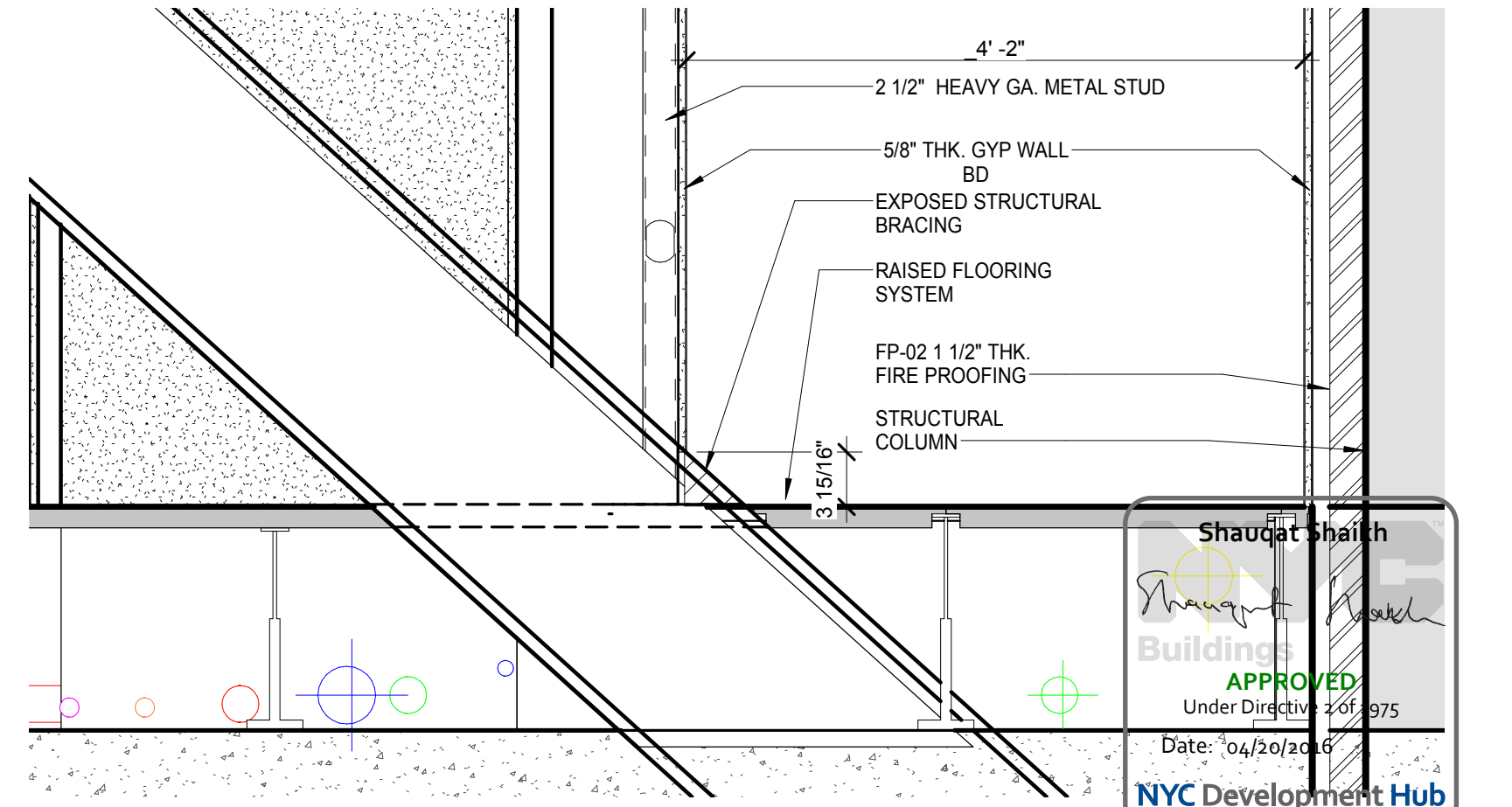
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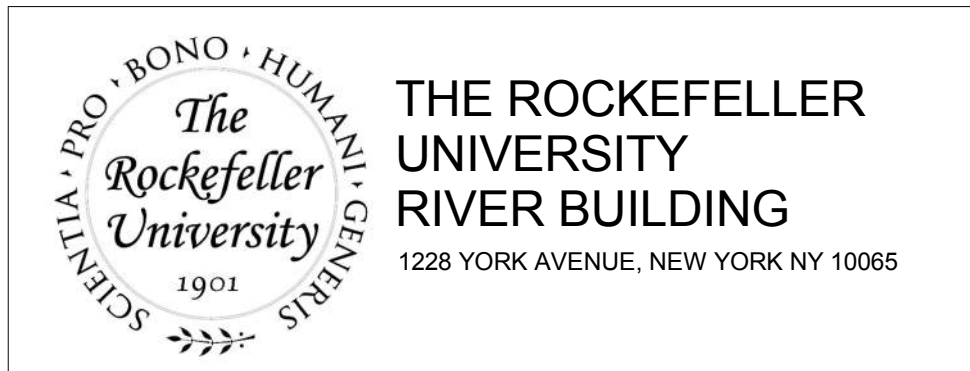
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SECTION - LEVEL 2 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 8.75 SCALE: 1" = 1'-0" 3



SECTION - LEVEL 1 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 8.75 SCALE: 1" = 1'-0" 2



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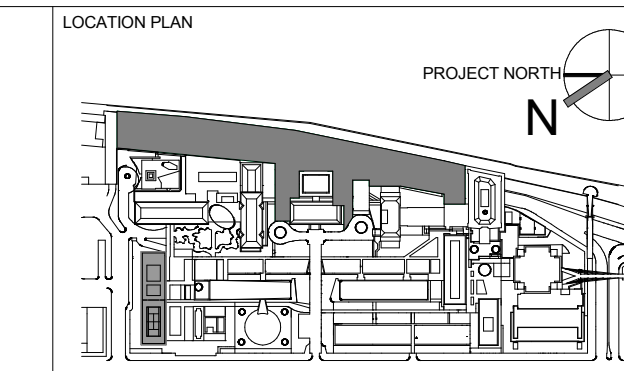
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 664.100

DRAWING SIZE
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DRAWING SCALE
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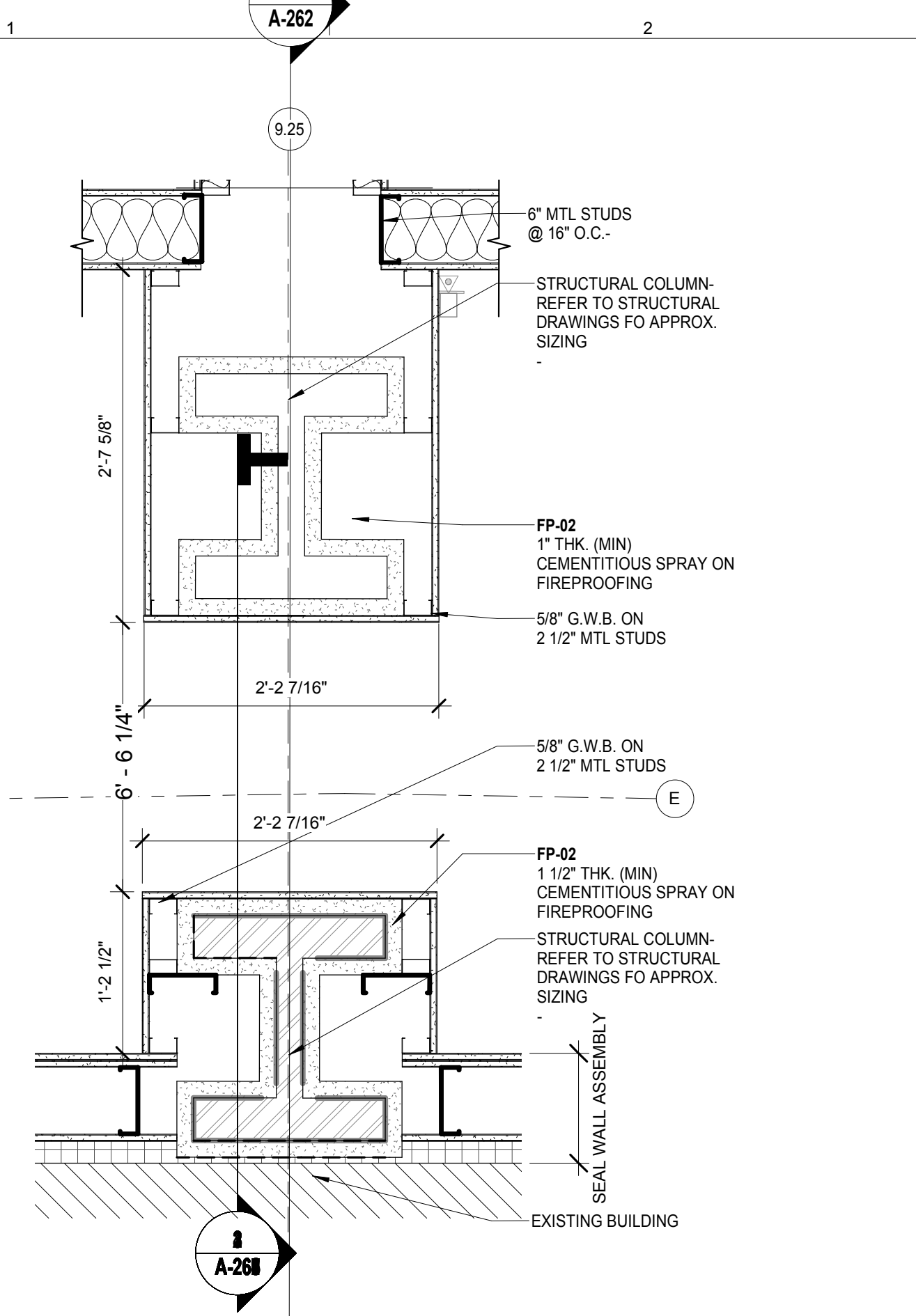
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
BRACING CONDITION @ COLUMN LINE 8.75

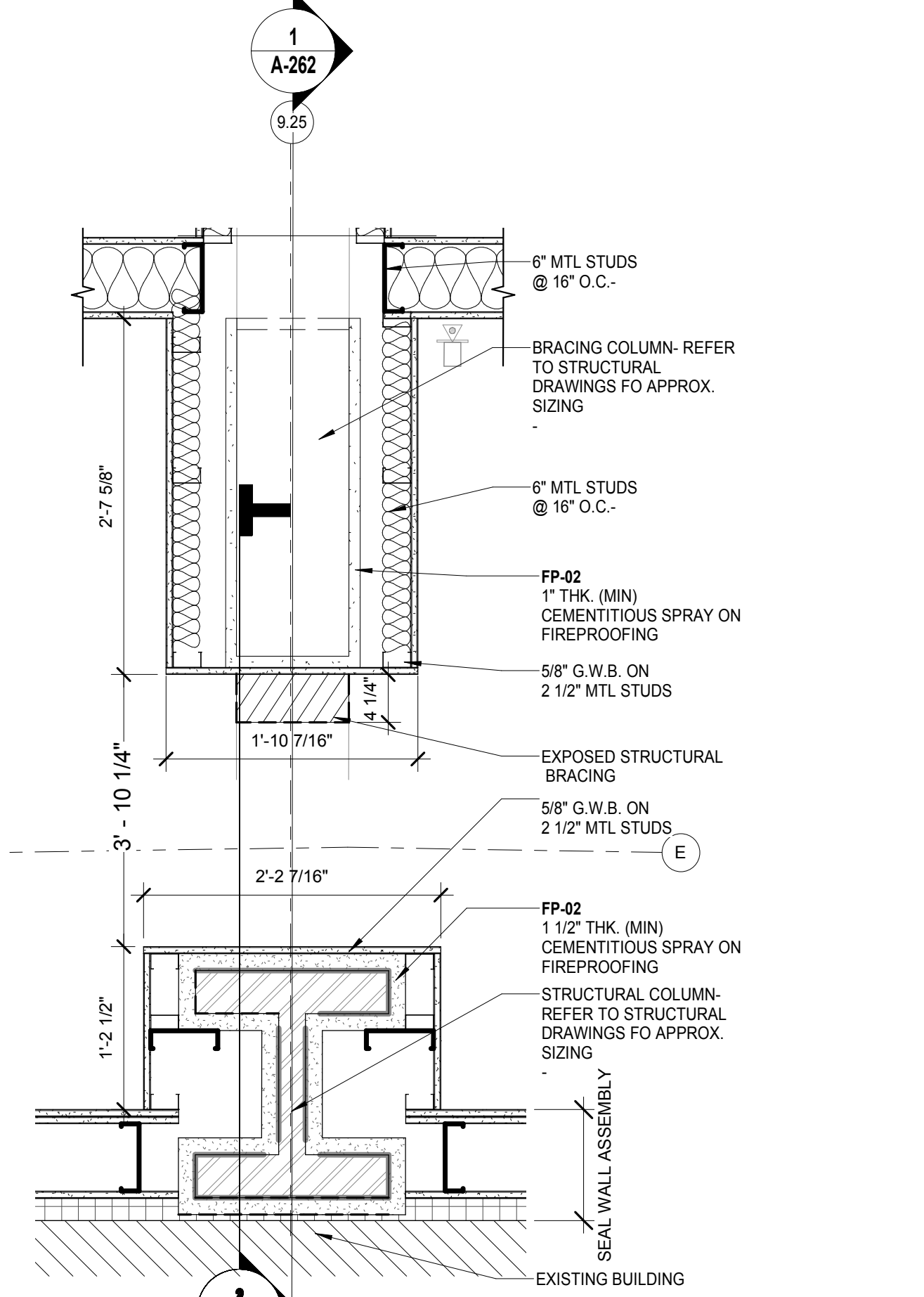
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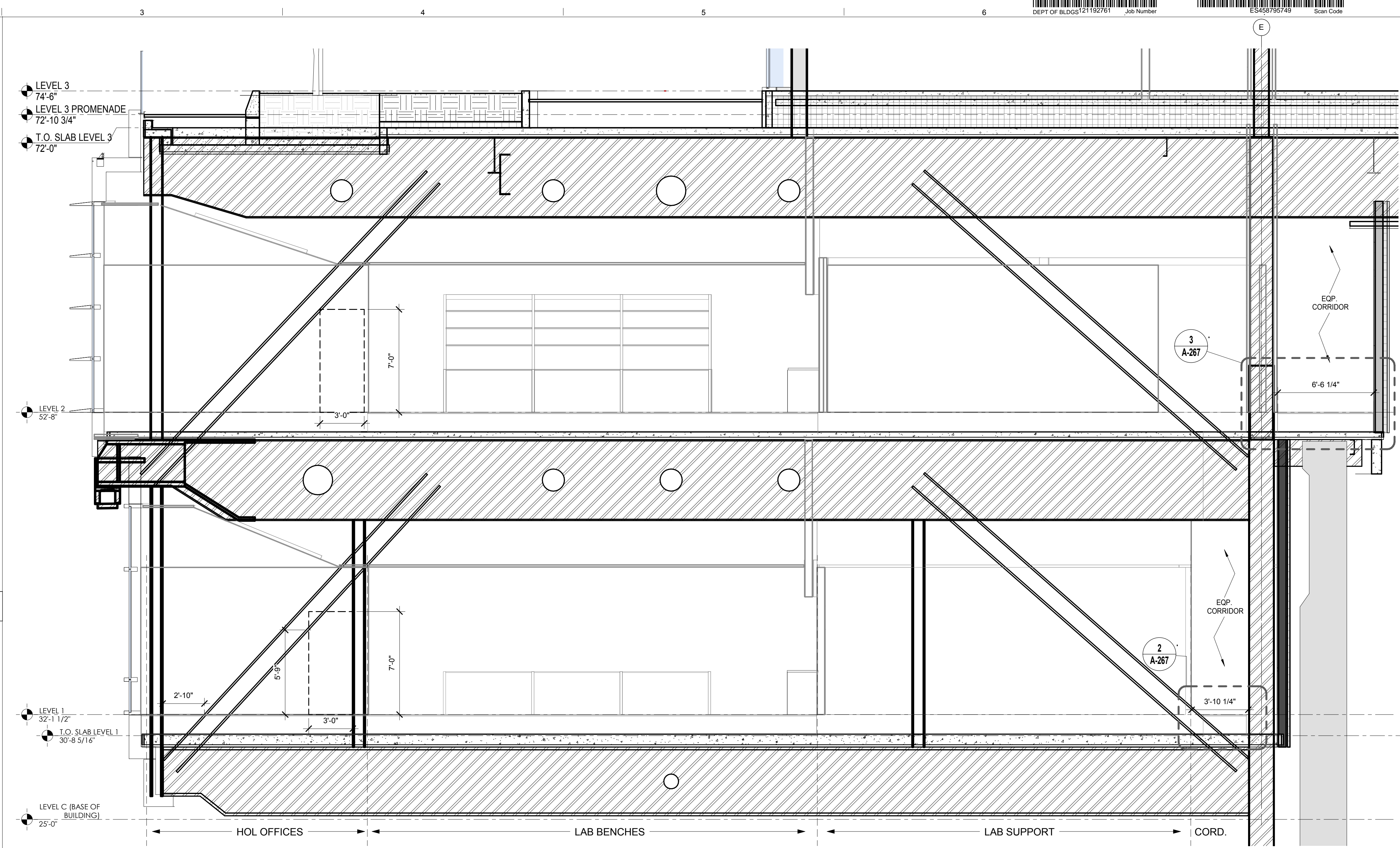
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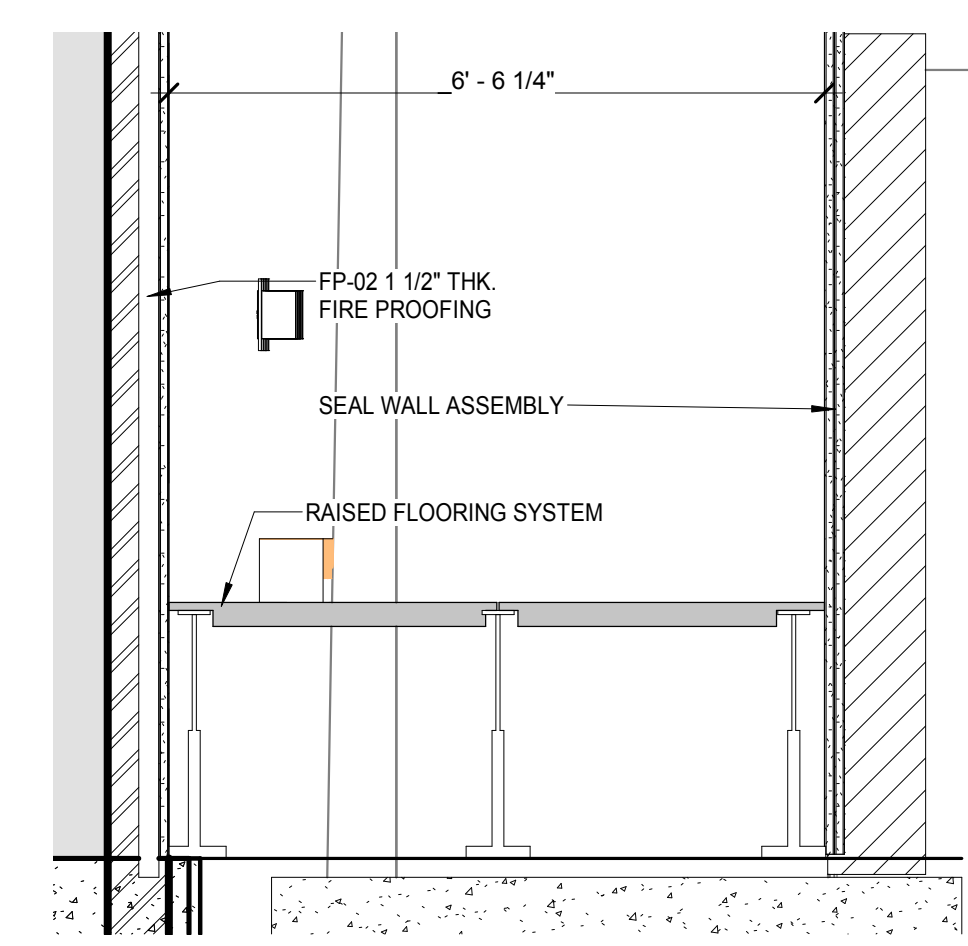
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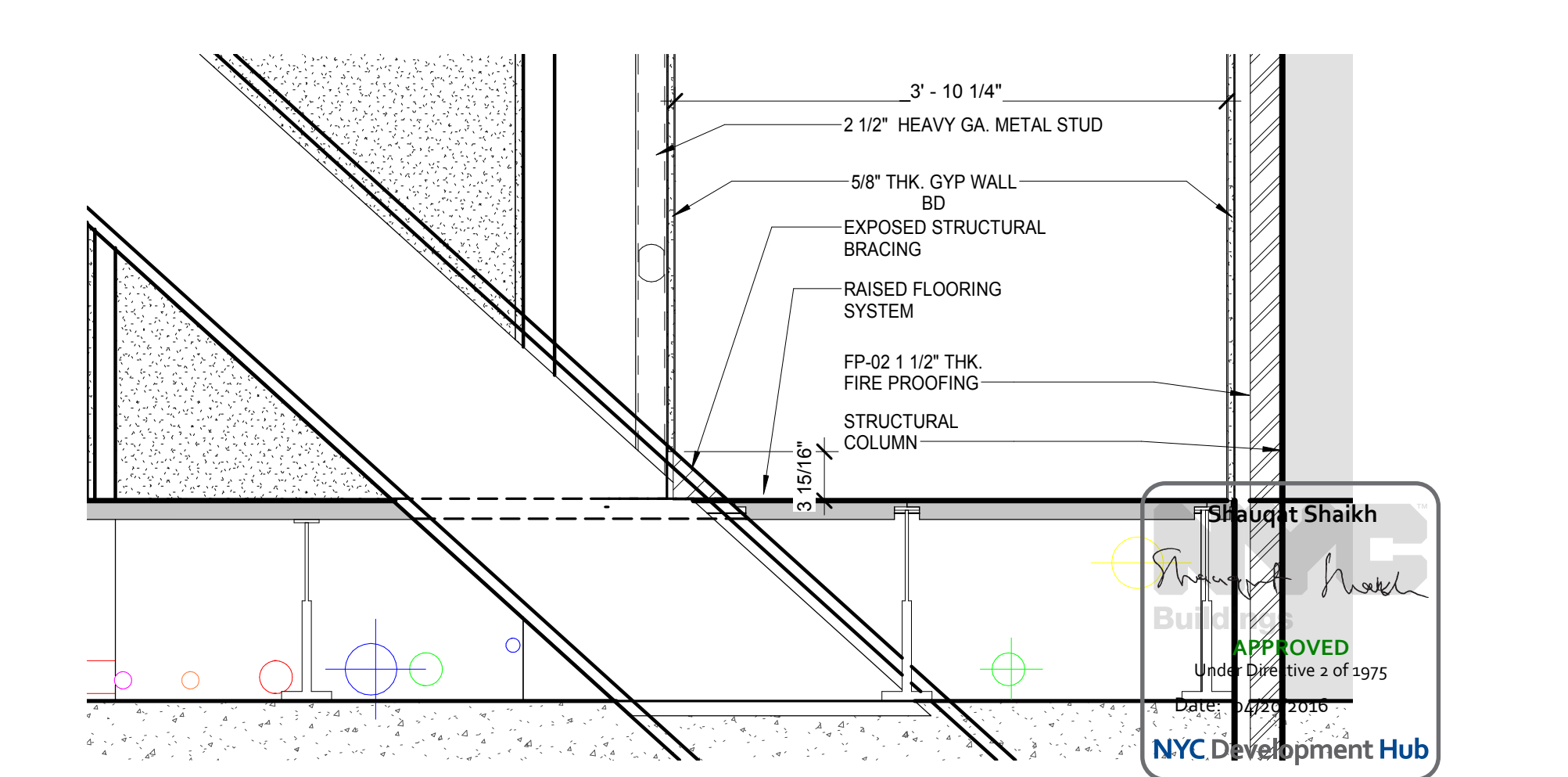
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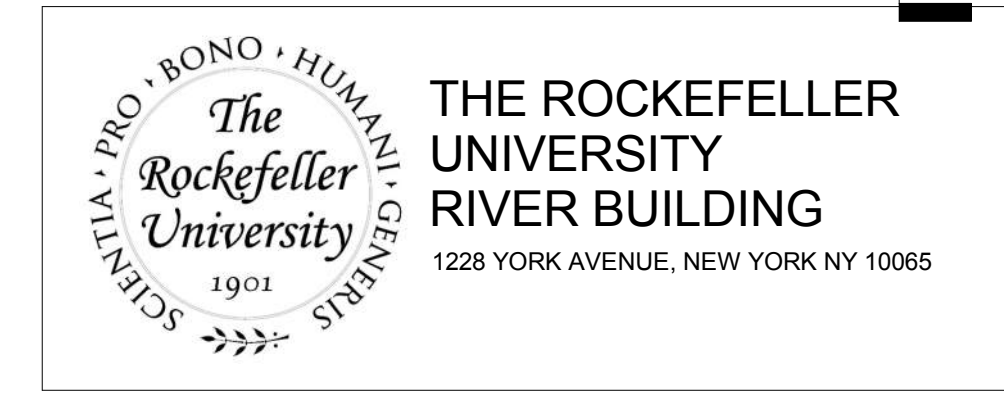
BUILDING SECTION @ COLUMN LINE 9.25 SCALE: 1/4" = 1'-0" 1



SECTION - LEVEL 2 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 9.25 SCALE: 1" = 1'-0" 3



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ARCHITECT / ENGINEER SEAL

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NEW YORK, NY 10018
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LOCATION PLAN

PROJECT NORTH

REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
1	DOB SUBMISSION -RB	16-DEC-15	664.100	BRACING CONDITION @ COLUMN LINE 9.25

DRAWING SIZE
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DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING NUMBER
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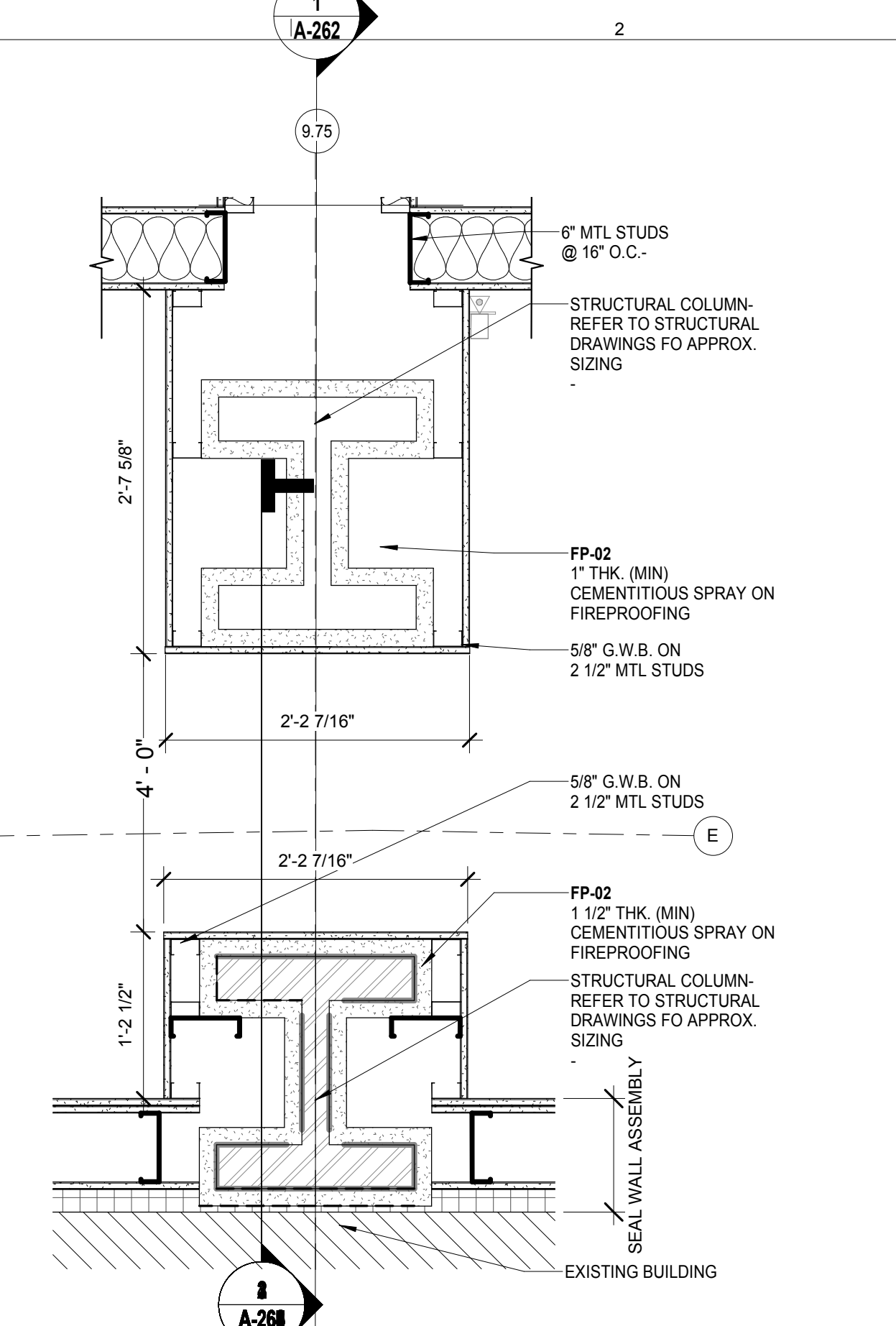
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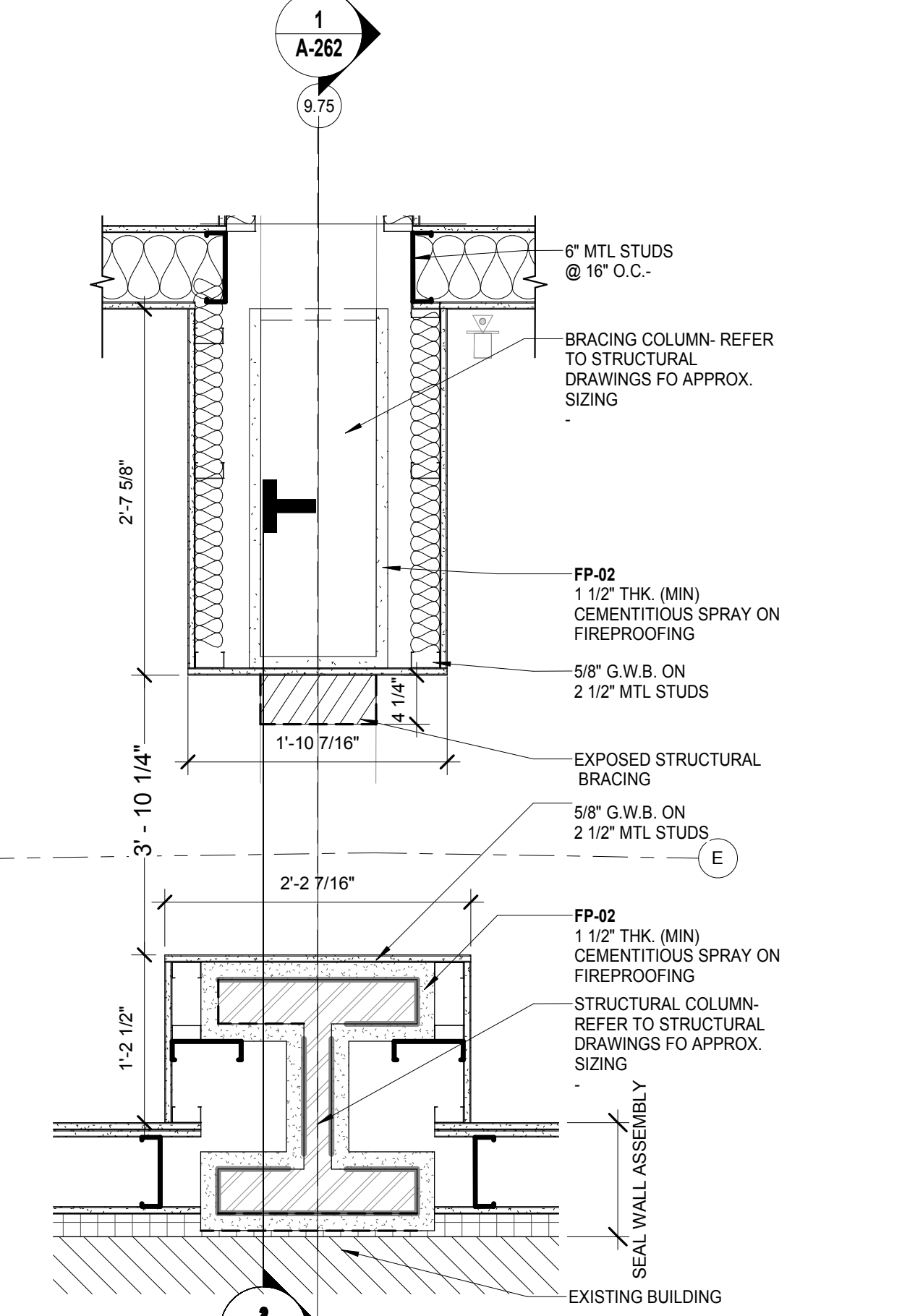
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Sheet 118 of 315

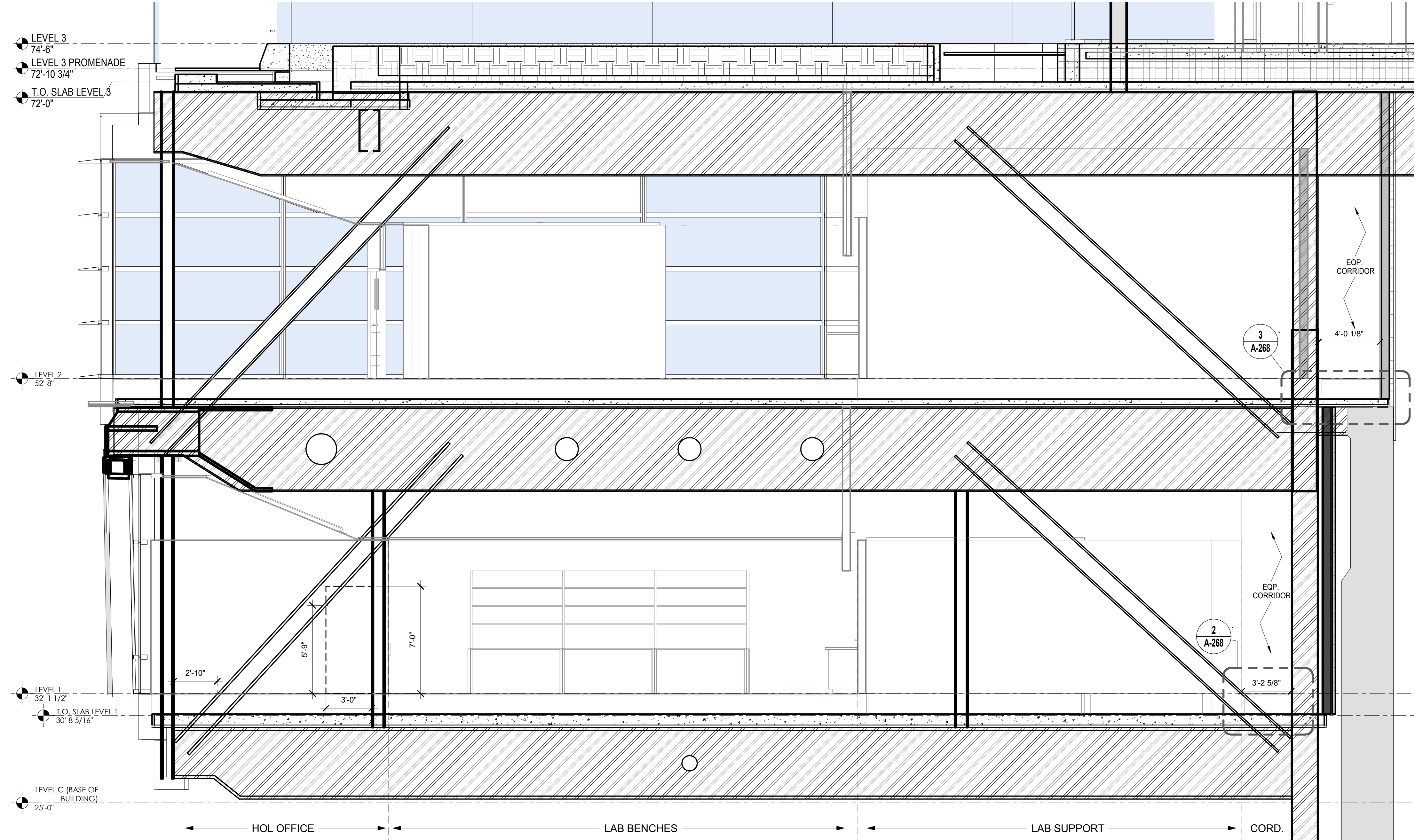
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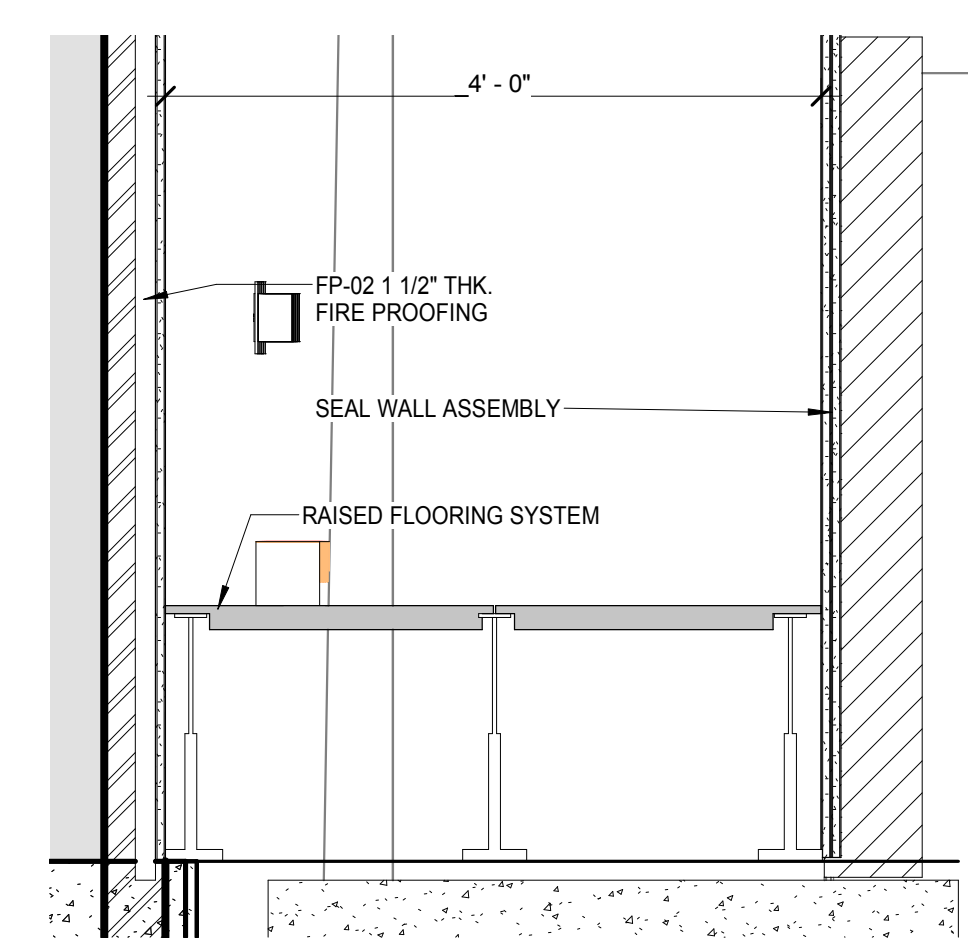
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SCALE: 1" = 1'-0" 5



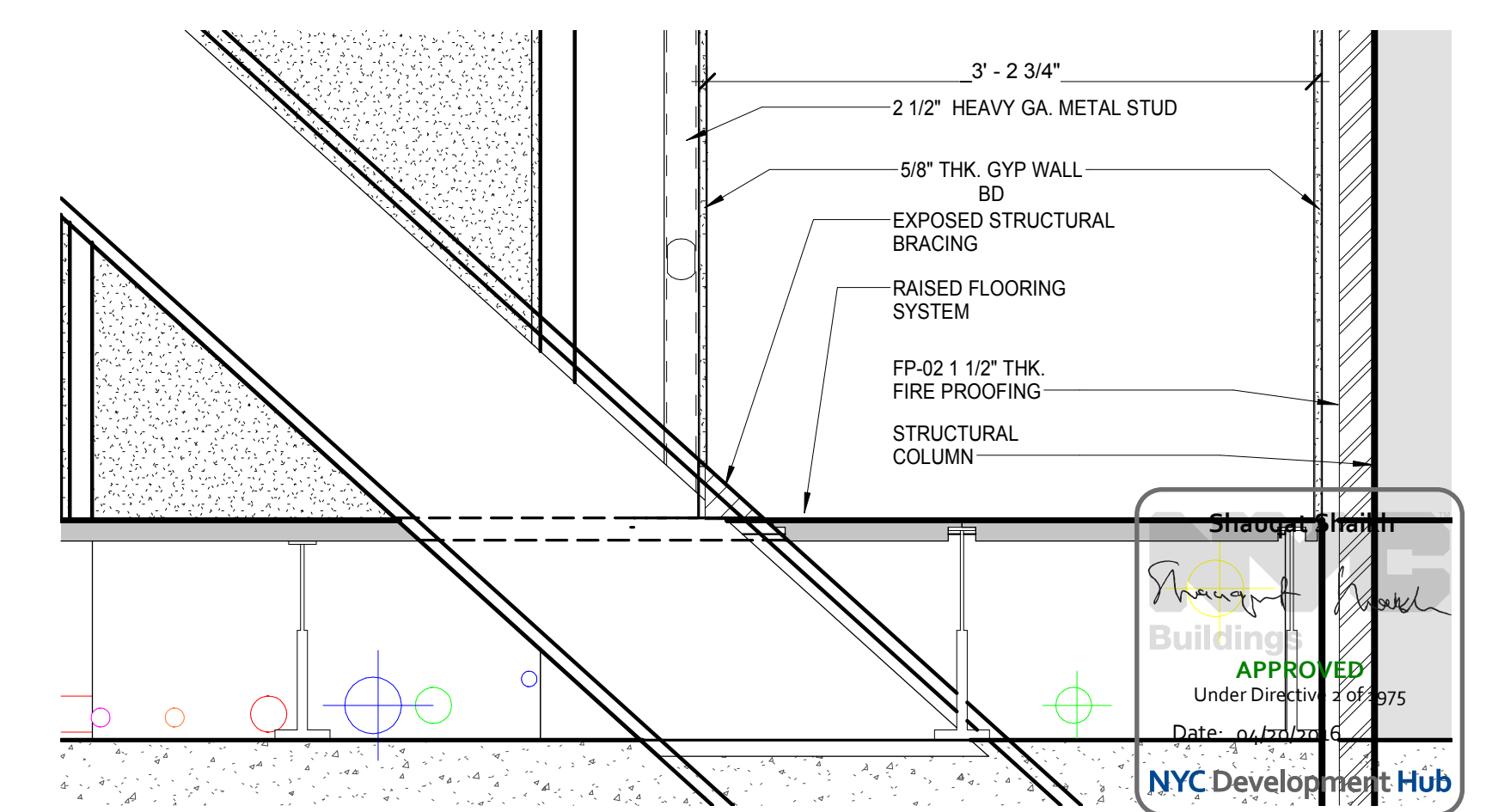
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SCALE: 1" = 1'-0" 4



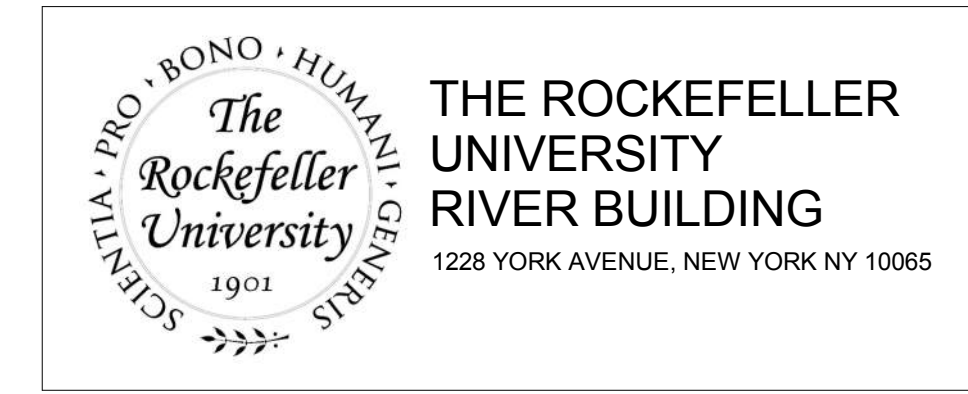
BUILDING SECTION @ COLUMN LINE 9.75
SCALE: 1/4" = 1'-0" 1



SECTION - LEVEL 2 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 9.75
SCALE: 1" = 1'-0" 3



SECTION - LEVEL 1 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 9.75
SCALE: 1" = 1'-0" 2



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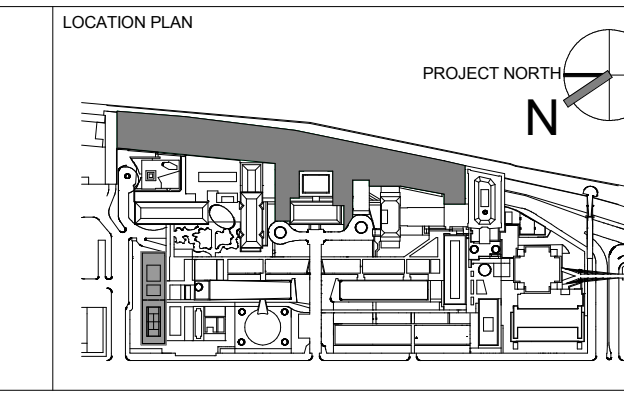
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
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ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

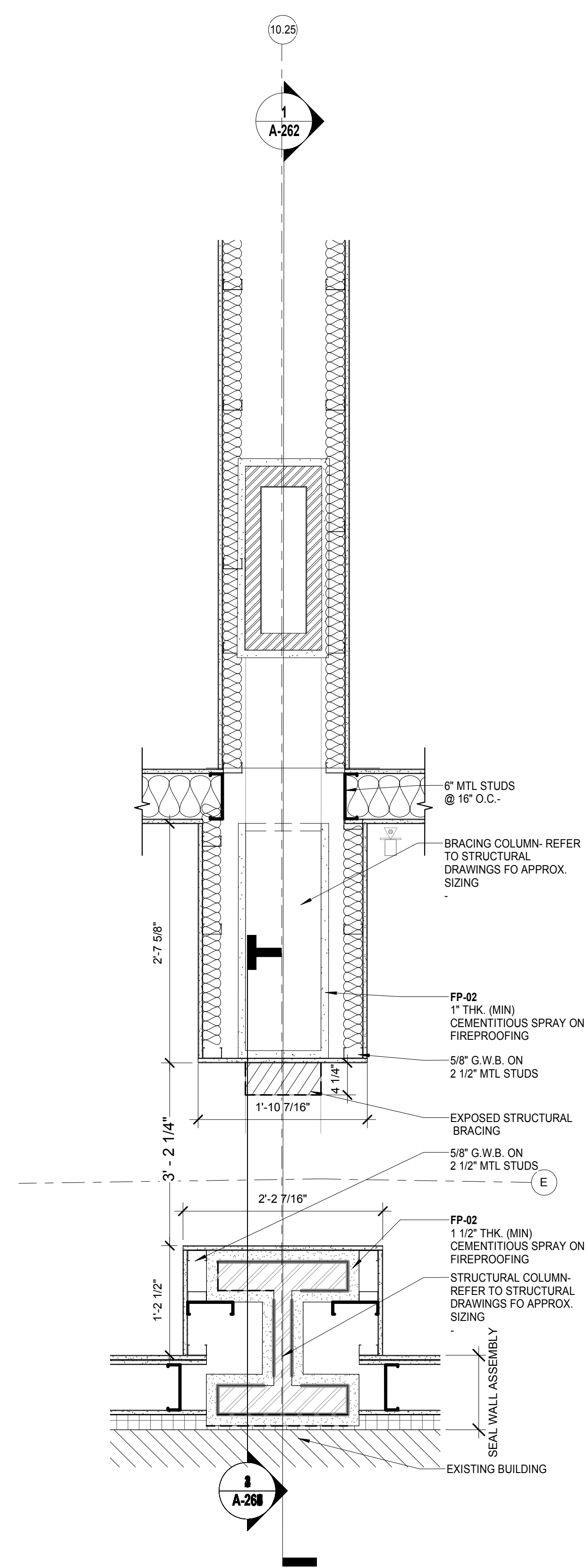
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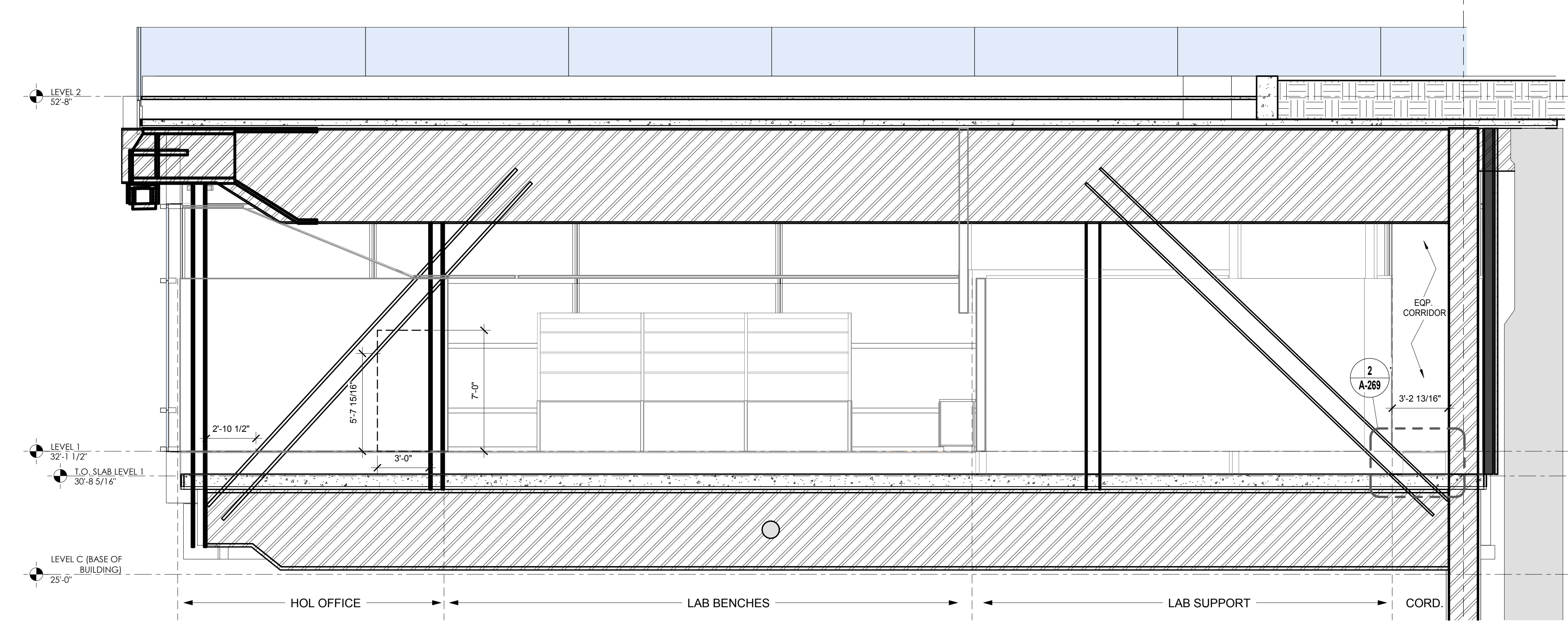
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1	DOB SUBMISSION -RB	16-DEC-15	664.100	BRACING CONDITION @ COLUMN LINE 9.75

ARCHITECTS PROJECT NUMBER: 664.100
 DRAWING SIZE: 24" x 36"
 DRAWING SCALE: As indicated
 PROJECT PHASE: CONSTRUCTION DOCUMENTS

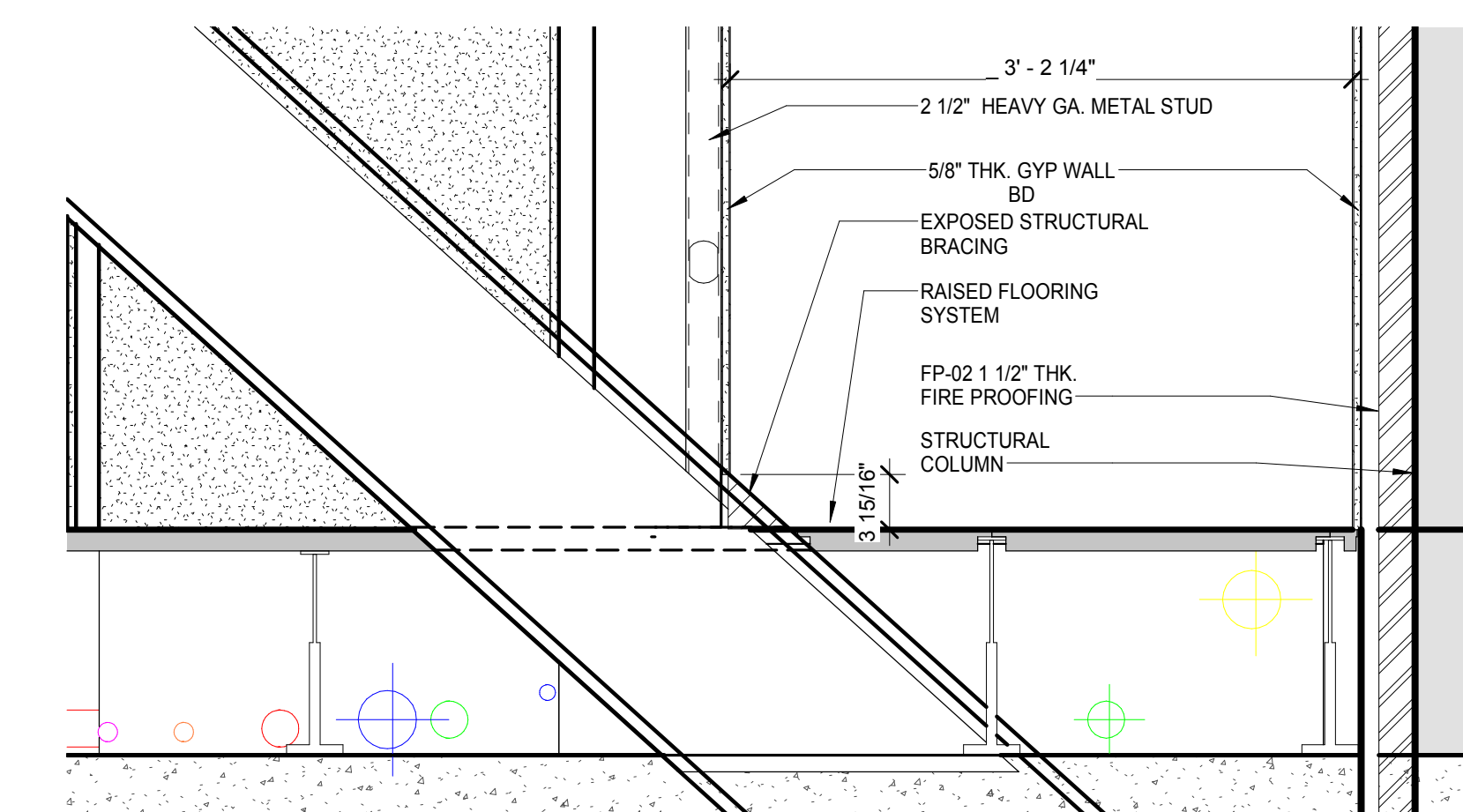
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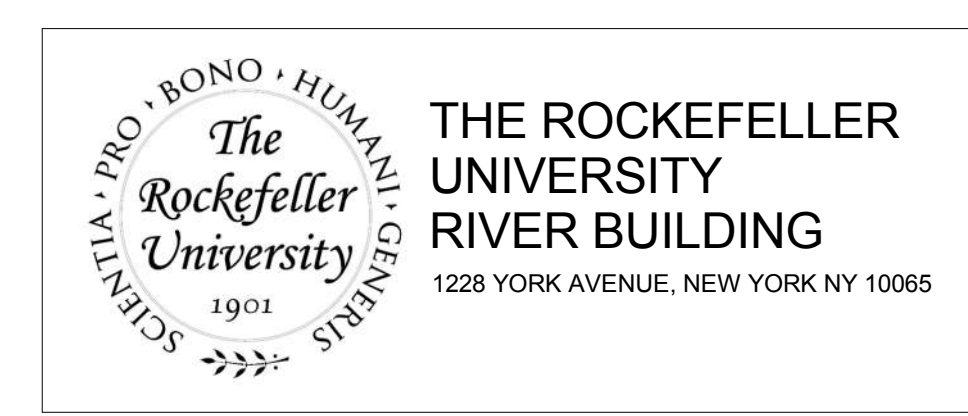
MASTER SECTOR - FLOOR PLAN / LEVEL 1 WEST CORRIDOR DETAIL @ COLUMN LINE 10.25
SCALE: 1" = 1'-0" 3



BUILDING SECTION @ COLUMN LINE 10.25
SCALE: 1/4" = 1'-0" 1



SECTION - LEVEL 1 / WEST SERVICE CORRIDOR DETAIL @ COLUMN LINE 10.25
SCALE: 1" = 1'-0" 2



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LANGAN
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NEW YORK, NY 10001
T. 212.479.5400

LANDSCAPE ARCHITECT
MATHEWS NIELSEN
120 BROADWAY, SUITE 1040
NEW YORK, NY 10271
T. 212.431.3609

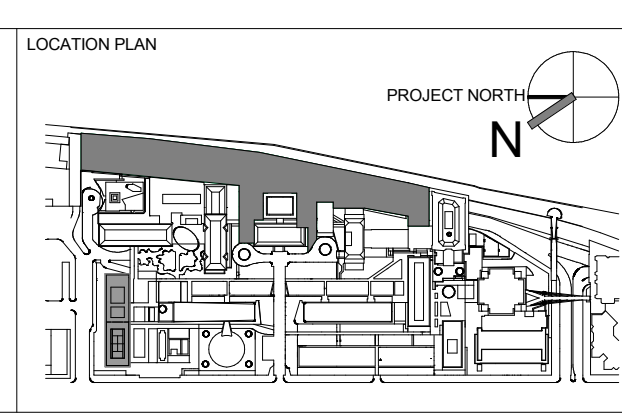
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
1	DOB SUBMISSION -RB	16-DEC-15	664.100	BRACING CONDITION @ COLUMN LINE 10.25

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-269.00

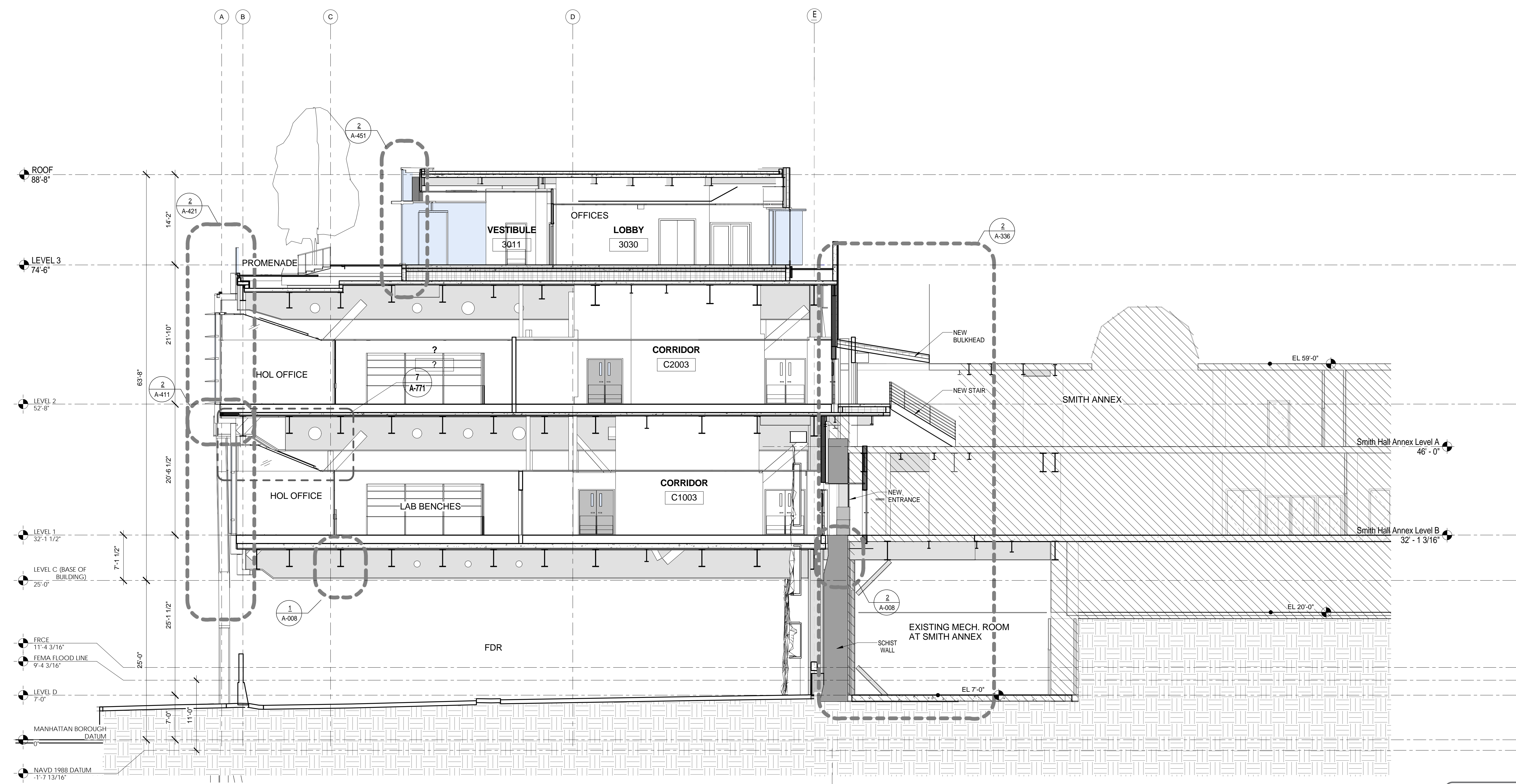
SHEET
120 of 315

DATE
16-DEC-15

DATE
04/20/2016

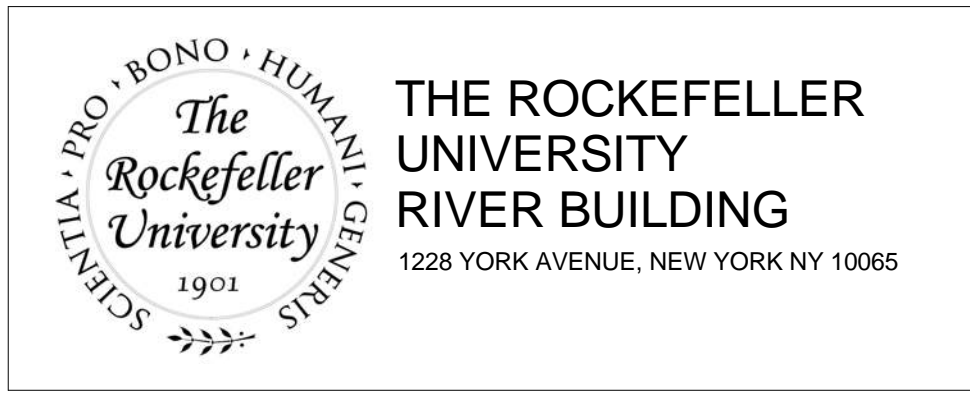
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Shauqat Shaikh
 Buildings
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 Date: 04/20/2016
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SECTION B
 SCALE: 1/8" = 1'-0" 1



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

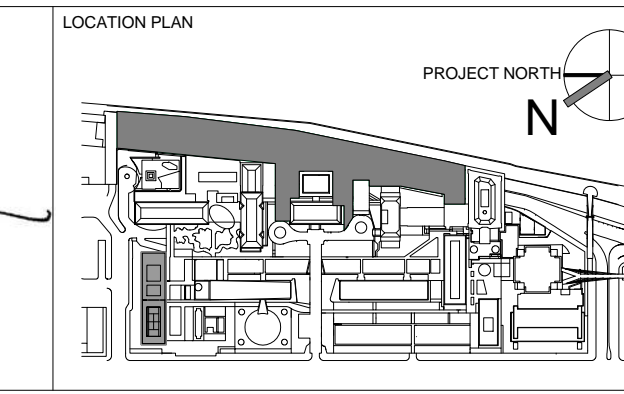
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 50 VANDAM STREET
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



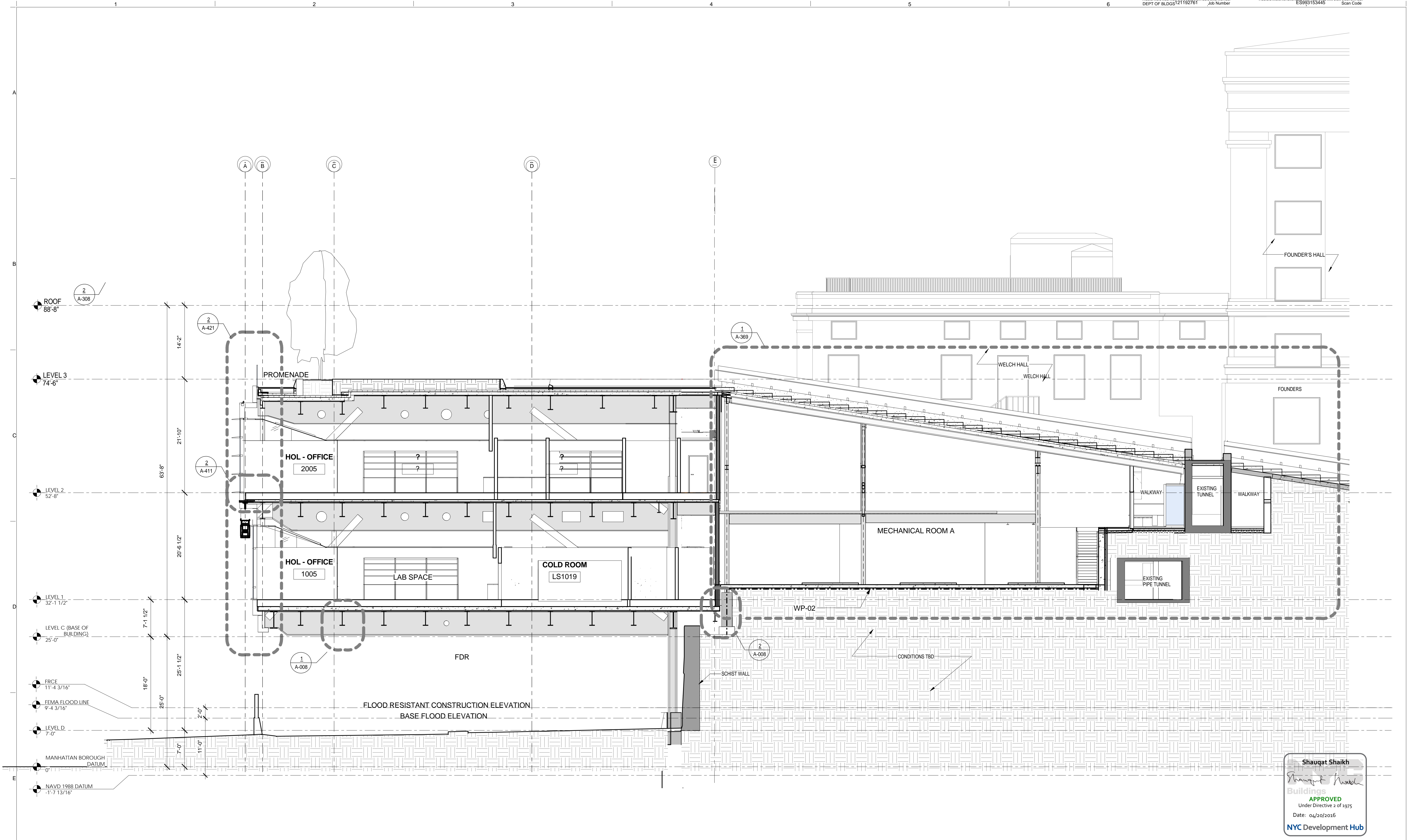
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1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	DOB SUBMISSION	12-MAR-15	DRAWING SCALE 1/8" = 1'-0"
4	DOB SUBMISSION	31-JULY-15	
5	E&F ADDEMDUM	31-JULY-15	
6	DOB SUBMISSION	20-AUG-15	
7	DOB SUBMISSION - RB	01-OCT-15	
8	PROGRESS SET	30-OCT-15	
9	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
 BUILDING SECTION "B" / GRID LINE 3.75

DRAWING NUMBER
 A-307.00

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SECTION C
 SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

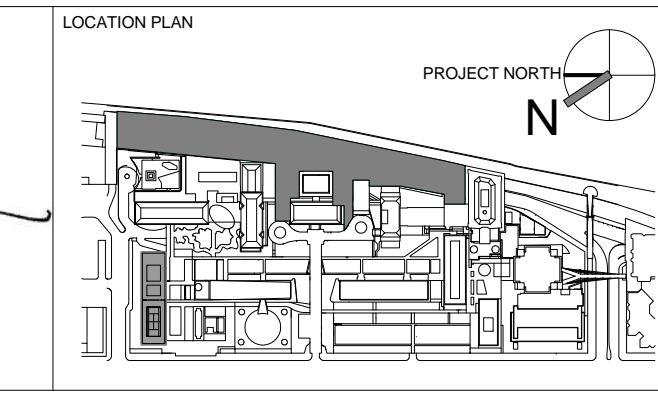
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 744 BROAD STREET
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INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
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 NEW YORK, NY 10018
 T. 212.691.3248

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 T. 212.691.3248

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 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK

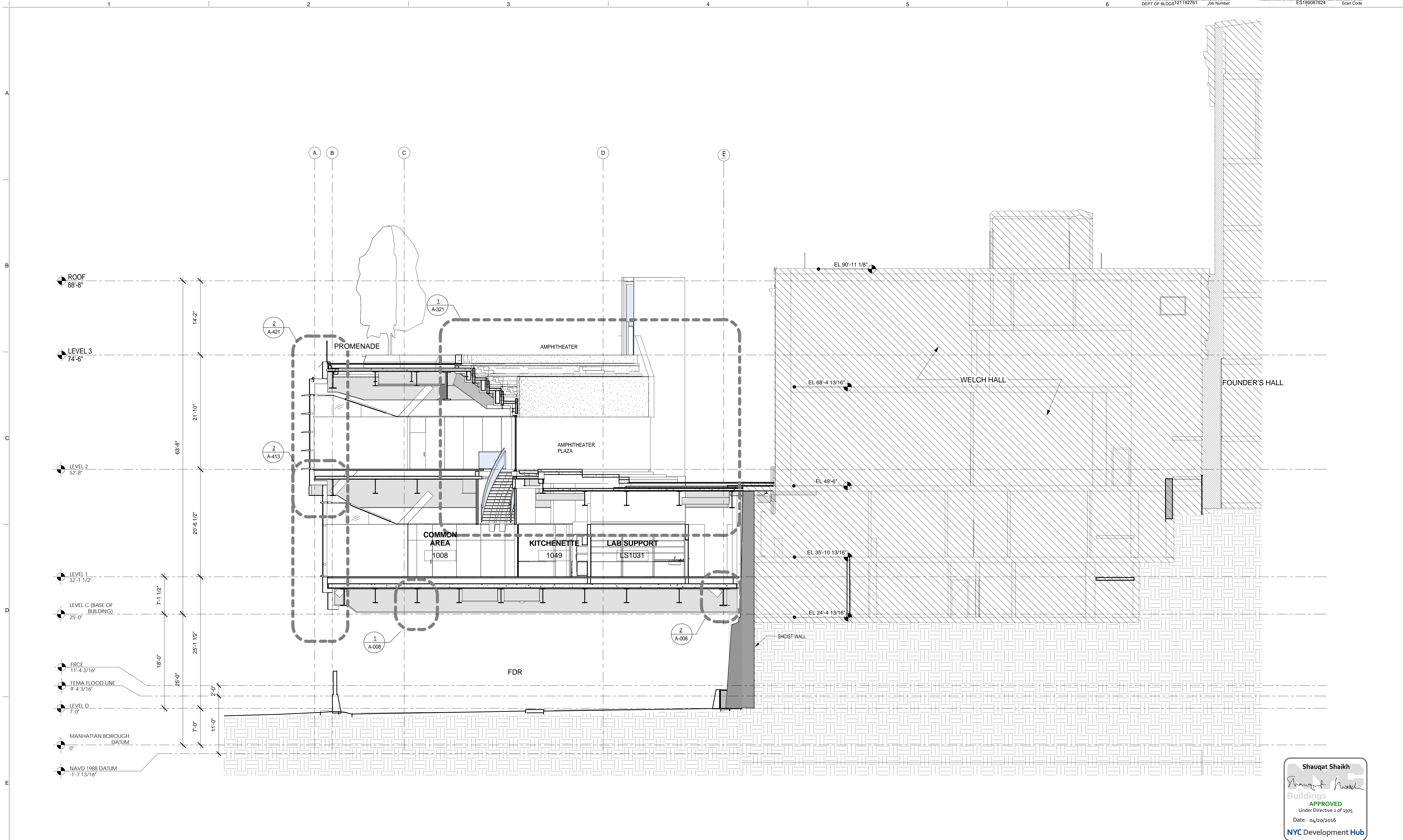


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2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	DOB SUBMISSION	12-MAR-15	DRAWING SCALE As indicated
4	DOB SUBMISSION	31-JULY-15	
5	E&F ADDENDUM	31-JULY-15	
6	DOB SUBMISSION	20-AUG-15	
7	DOB SUBMISSION - RB	01-OCT-15	
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9	DOB SUBMISSION - RB	16-DEC-15	

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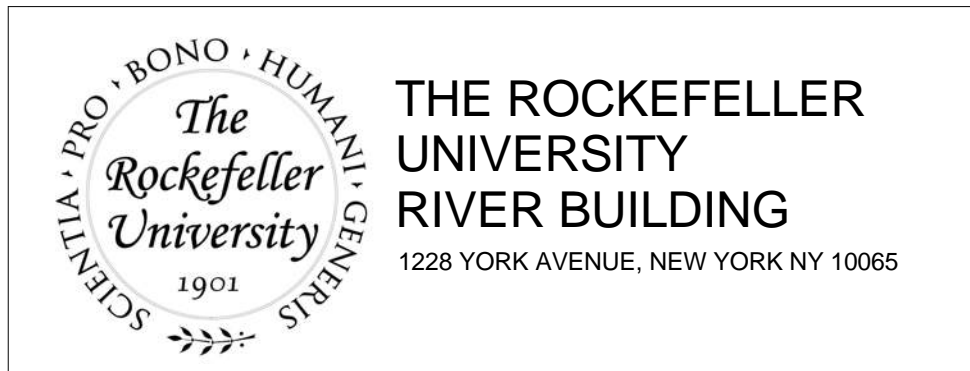
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Sheet 122 of 315



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 Buildings
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SECTION D
 SCALE: 1/8" = 1'-0" 1



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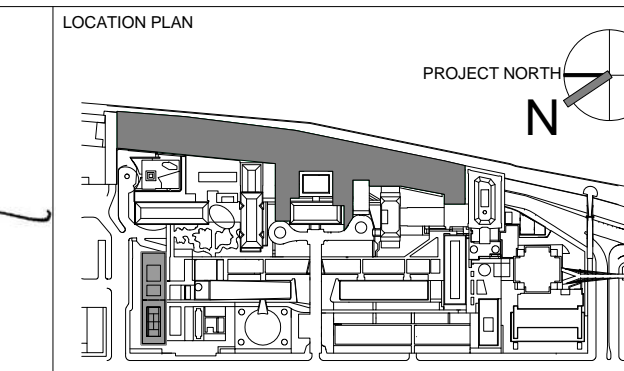
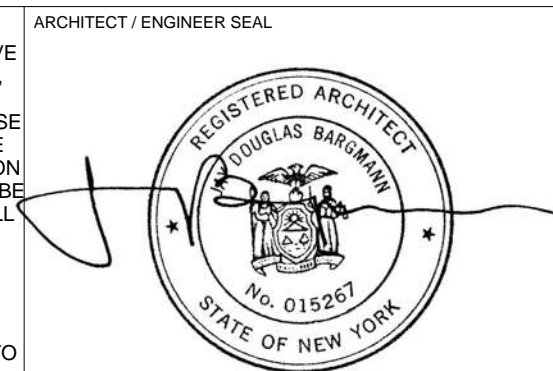
CIVIL ENGINEER
 LANGAN
 21 PENN PLAZA 8TH FL.
 NEW YORK, NY 10001
 T. 212.479.5400

LANDSCAPE ARCHITECT
 MATHEWS NIELSEN
 120 BROADWAY, SUITE 1040
 NEW YORK, NY 10271
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24' x 36"
3	DOB SUBMISSION	12-MAR-15	DRAWING SCALE 1/8" = 1'-0"
4	DOB SUBMISSION	31-JULY-15	
5	E&F ADDENDUM	31-JULY-15	
6	DOB SUBMISSION	20-AUG-15	
7	DOB SUBMISSION - RB	01-OCT-15	
8	PROGRESS SET	30-OCT-15	
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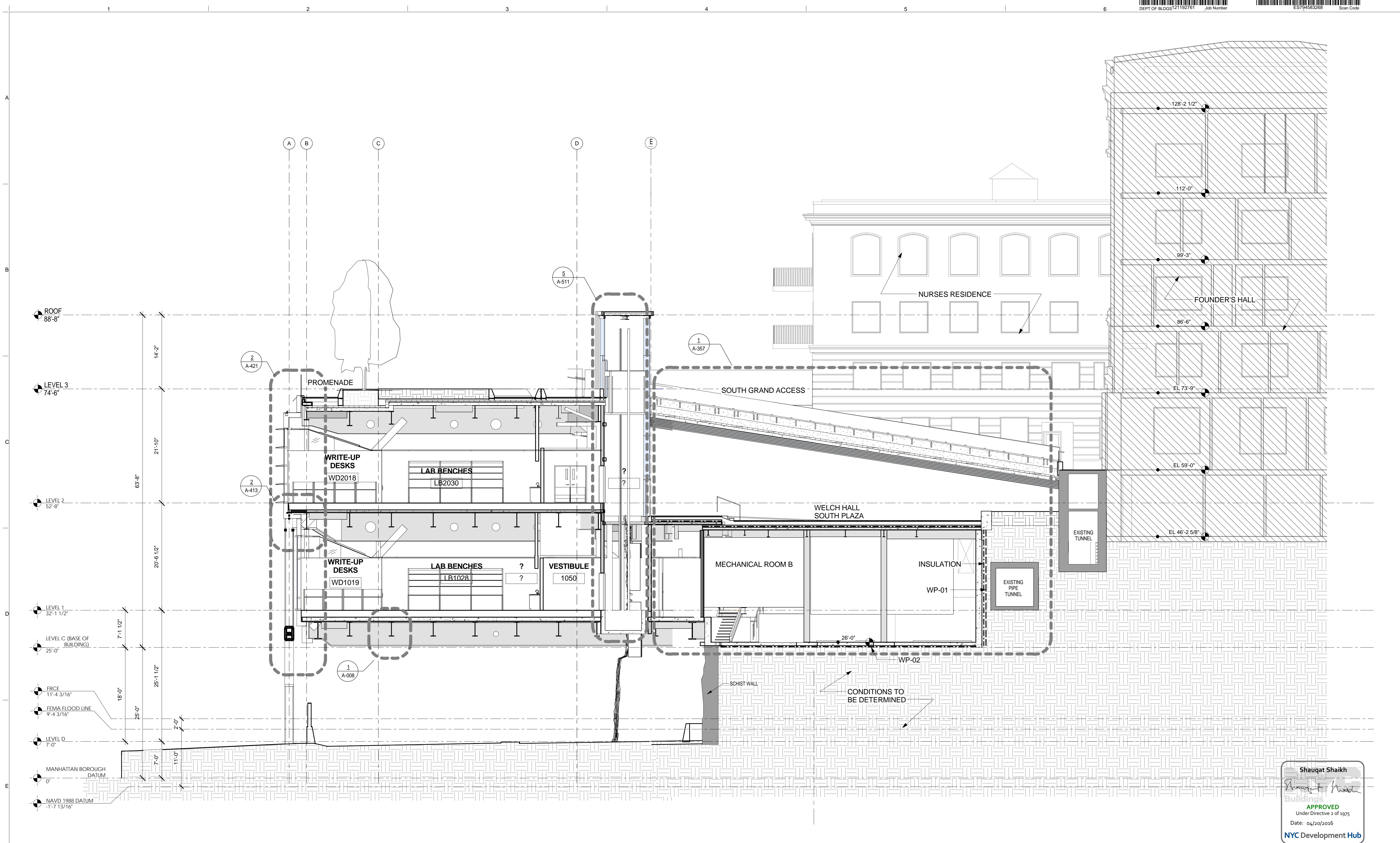
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DRAWING NUMBER
 A-309.00

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DATE
 16-DEC-15

SCALE
 1/8" = 1'-0"



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SECTION E
 SCALE: 1/8" = 1'-0" 1

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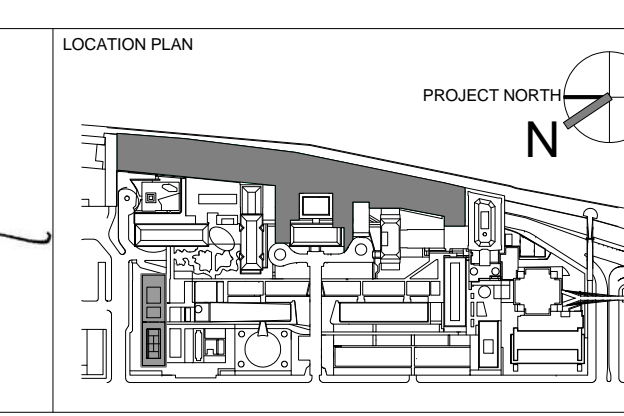
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHOUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK

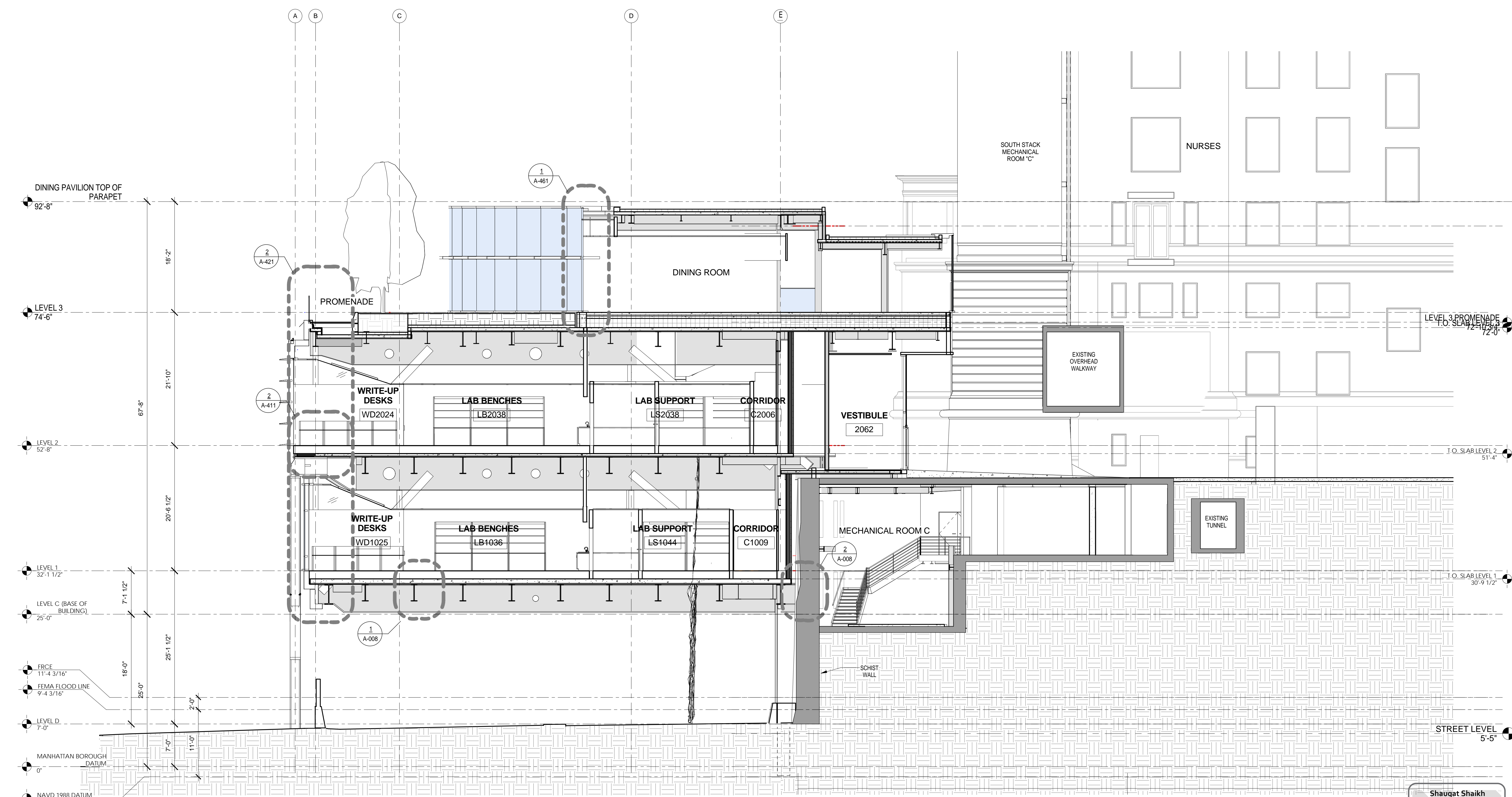


REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE
3	DOB SUBMISSION	12-MAR-15	24' x 36"
4	DOB SUBMISSION	31-JULY-15	DRAWING SCALE
5	E&F ADDEMDUM	31-JULY-15	As indicated
6	DOB SUBMISSION	20-AUG-15	
7	DOB SUBMISSION - RB	01-OCT-15	
8	PROGRESS SET	30-OCT-15	
9	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
BUILDING SECTION "E" / GRID LINE 7

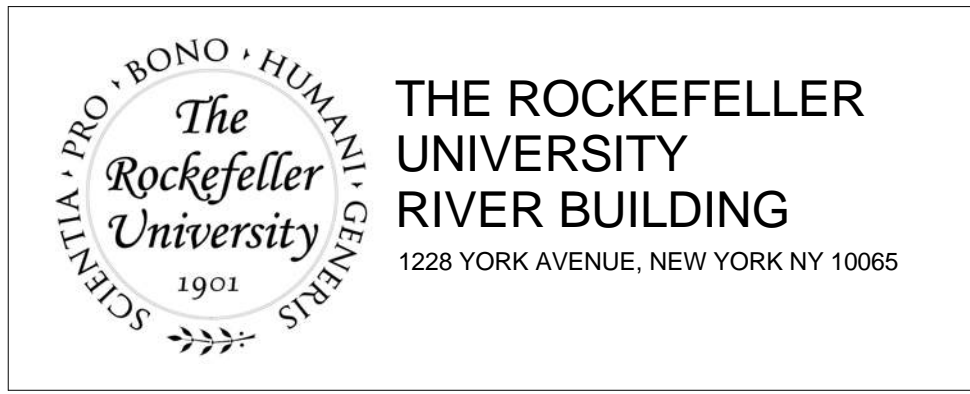
DRAWING NUMBER
A-310.00

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 Buildings
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SECTION G
 SCALE: 1/8" = 1'-0" 1



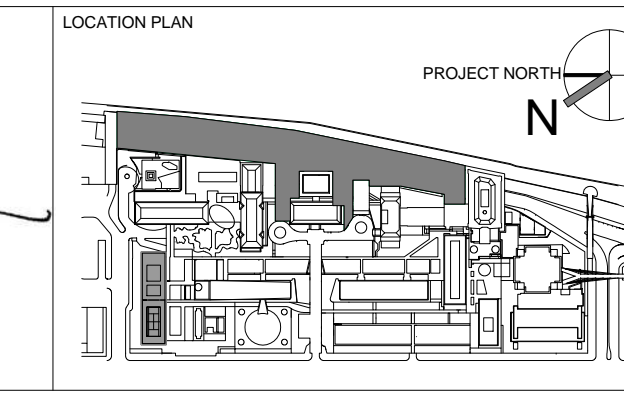
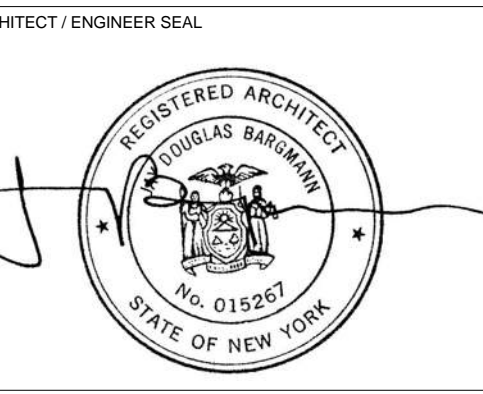
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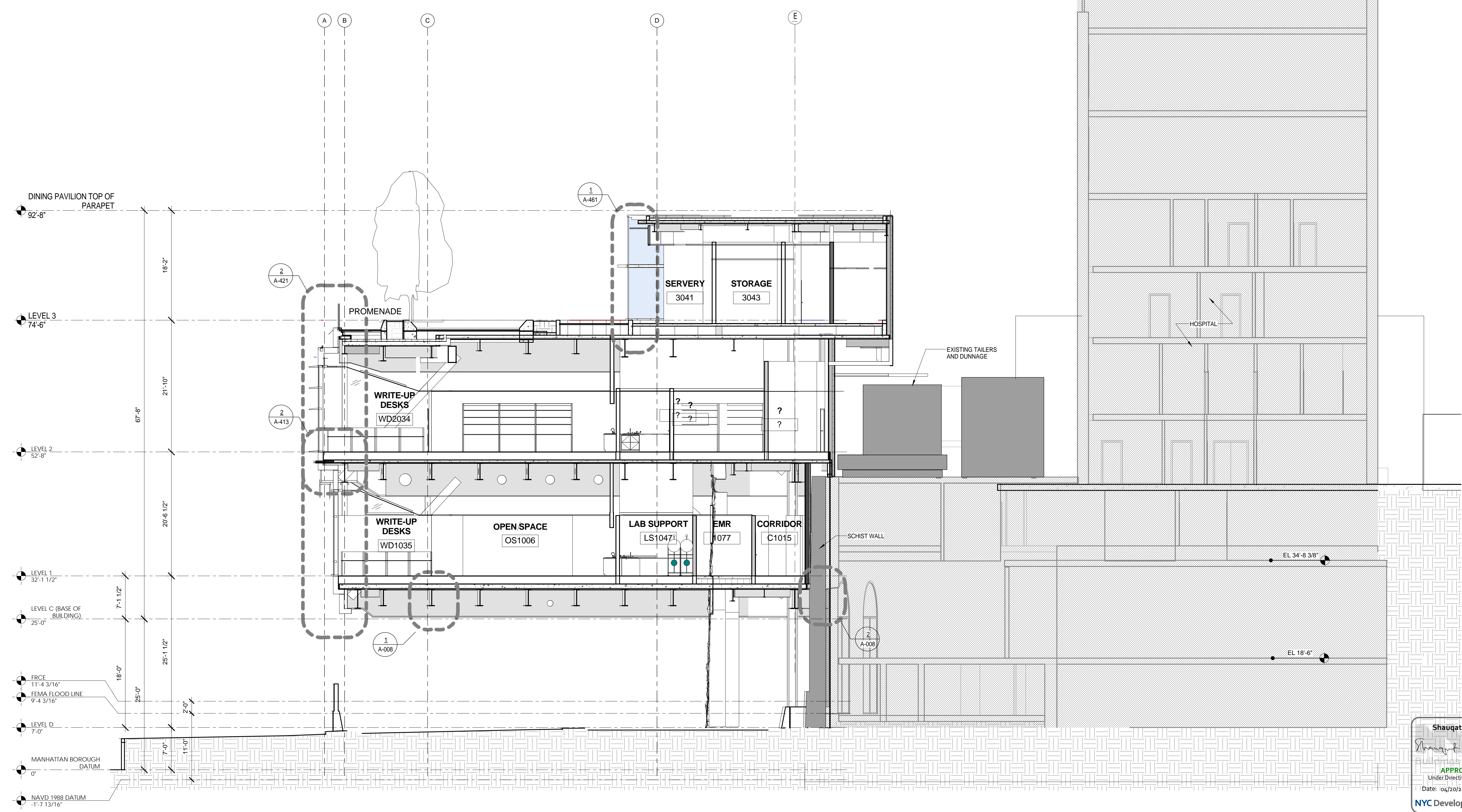
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1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	DOB SUBMISSION	12-MAR-15	DRAWING SCALE 1/8" = 1'-0"
4	DOB SUBMISSION	31-JULY-15	
5	E&F ADDENDUM	31-JULY-15	
6	DOB SUBMISSION	20-AUG-15	
7	DOB SUBMISSION - RB	01-OCT-15	
8	PROGRESS SET	30-OCT-15	
9	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
 BUILDING SECTION "G" / GRID LINE 8

DRAWING NUMBER
 A-311.00

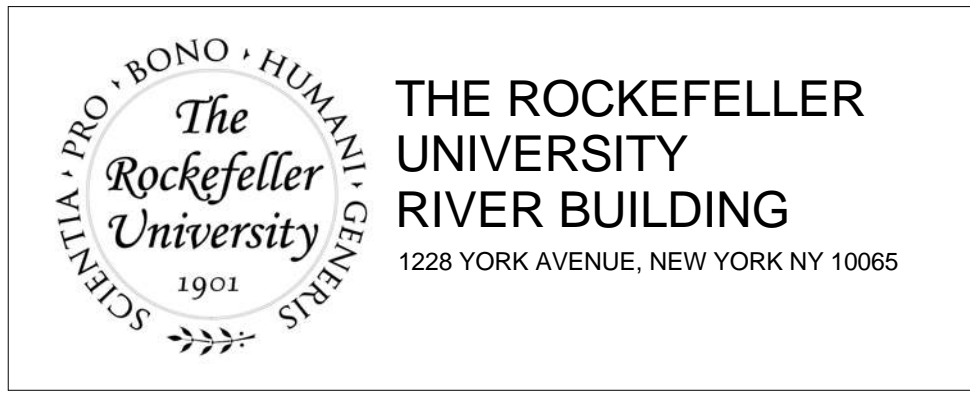
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SECTION H
 SCALE: 1/8" = 1'-0" 1



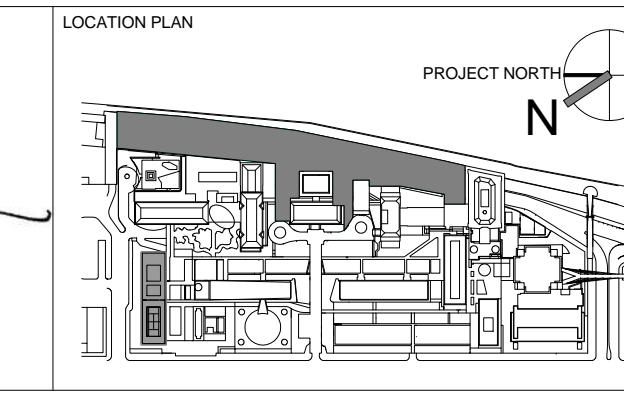
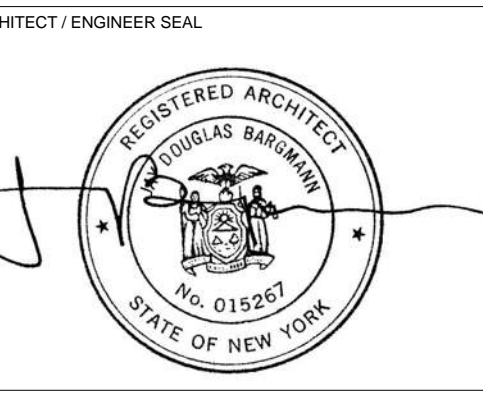
ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
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INTERIOR LIGHTING DESIGNER
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SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248



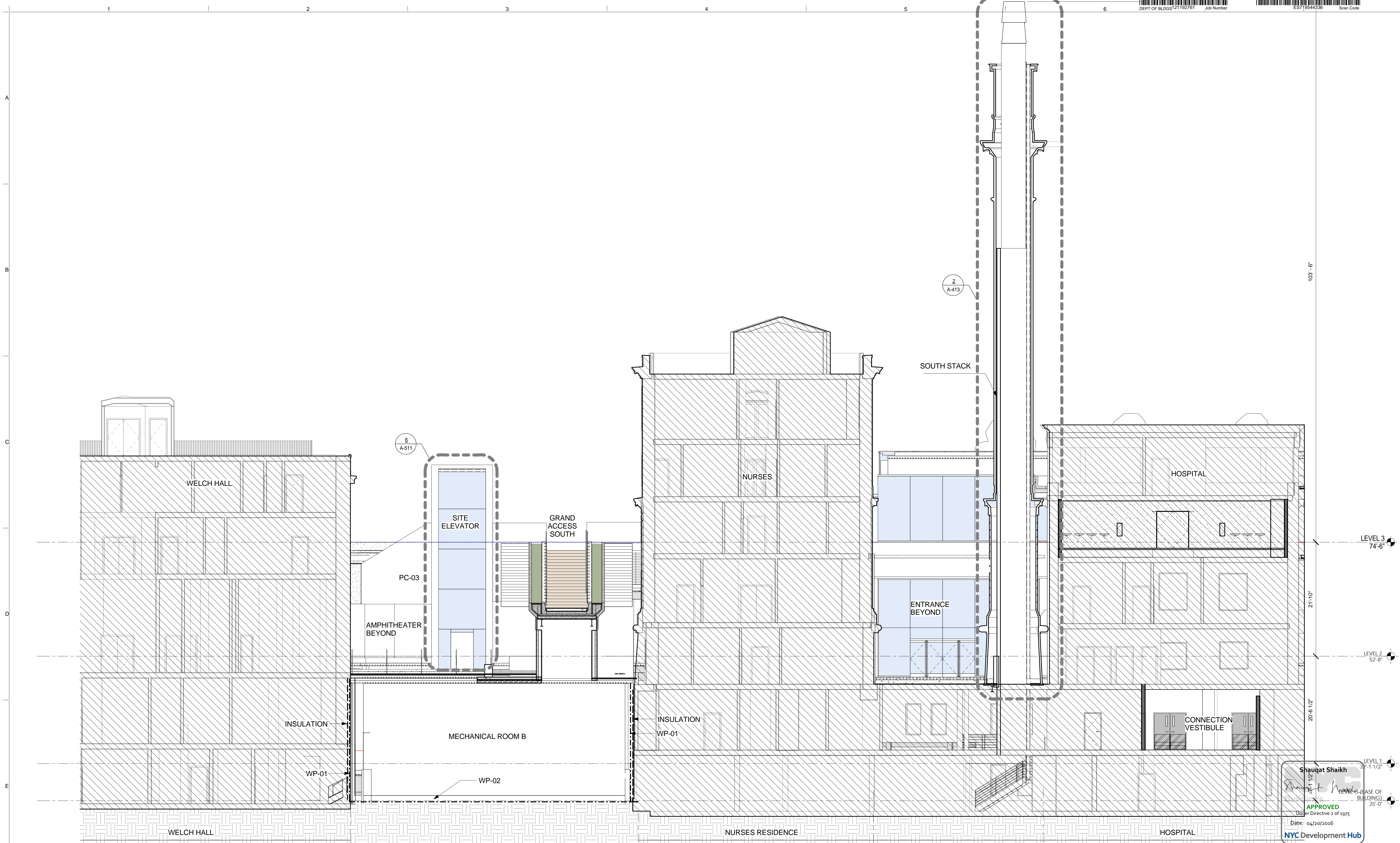
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1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15	664.100	BUILDING SECTION "H" / GRID LINE 9.5
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"	
3	DOB SUBMISSION	12-MAR-15	DRAWING SCALE 1/8" = 1'-0"	
4	DOB SUBMISSION	31-JULY-15		
5	E&F ADDENDUM	31-JULY-15		
6	DOB SUBMISSION	20-AUG-15		
7	DOB SUBMISSION - RB	01-OCT-15		
8	PROGRESS SET	30-OCT-15		
9	DOB SUBMISSION - RB	16-DEC-15		

PROJECT PHASE CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-312.00

DOCS REV.

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SECTION I-3
 SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

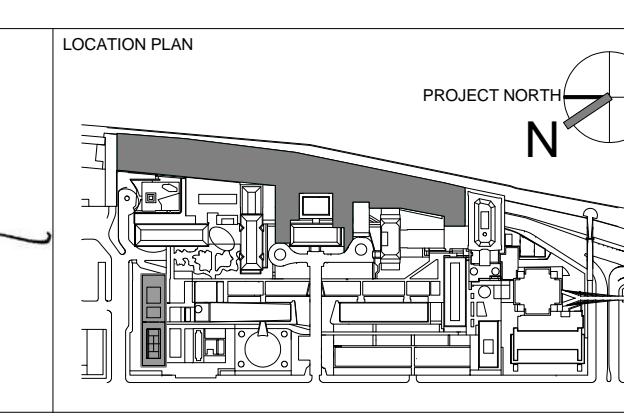
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 158 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 6TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHOUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	DOB SUBMISSION	12-MAR-15
4	DOB SUBMISSION	31-JULY-15
5	E&F ADDEMDUM	31-JULY-15
6	DOB SUBMISSION	20-AUG-15
7	DOB SUBMISSION - RB	01-OCT-15
8	PROGRESS SET	30-OCT-15
9	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

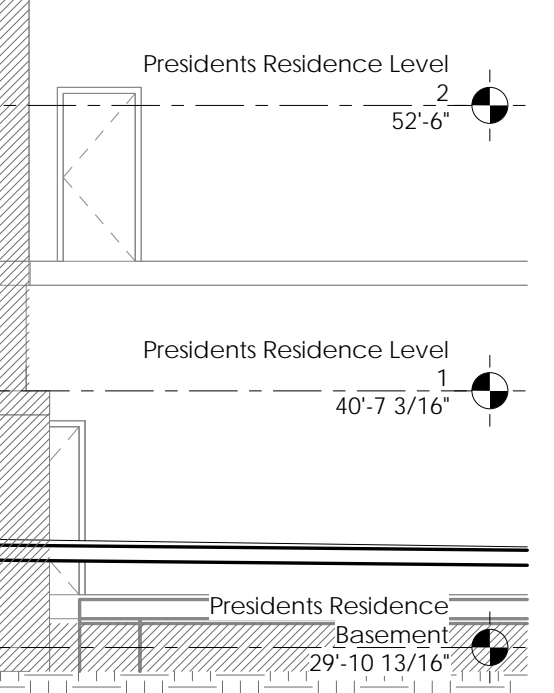
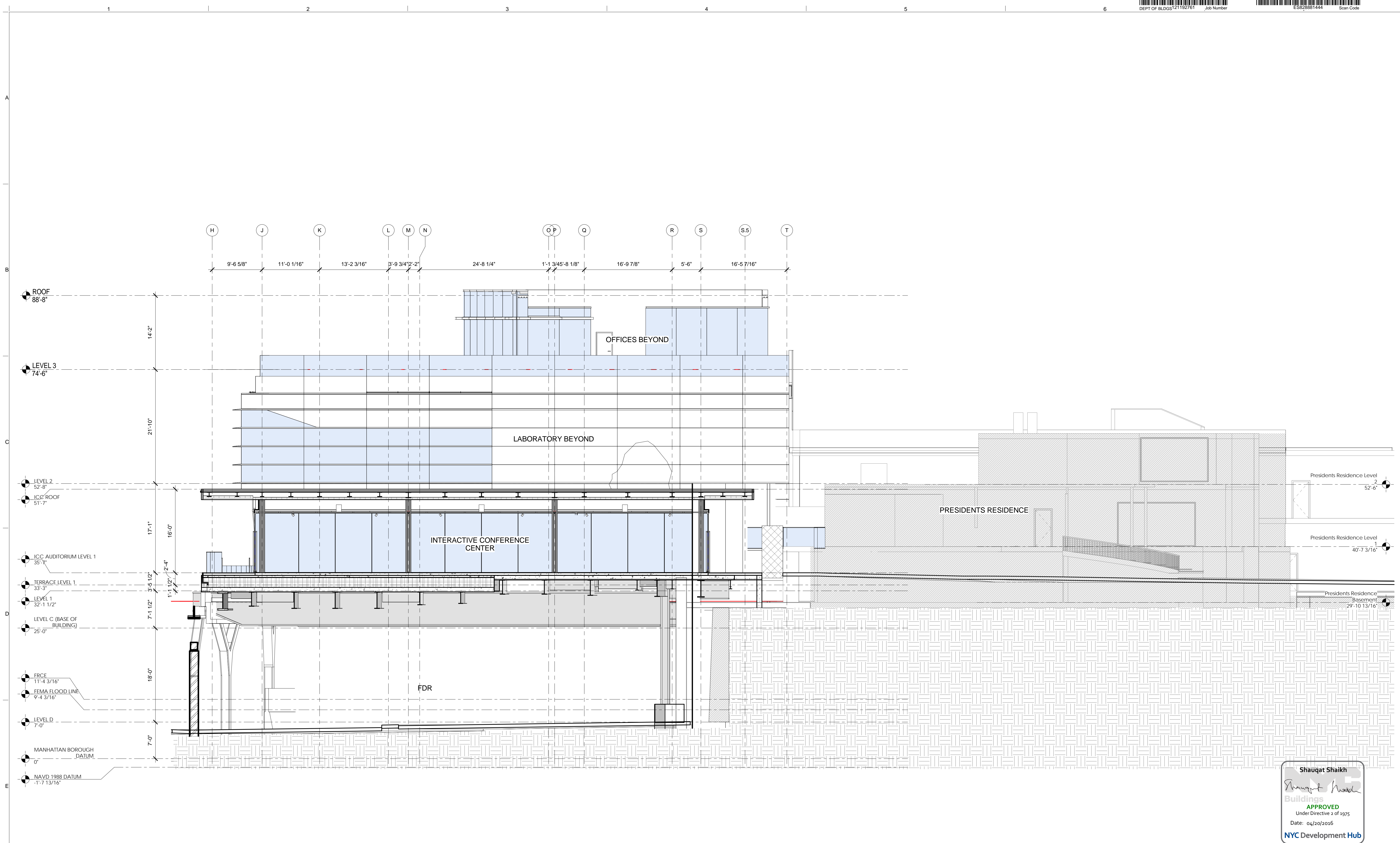
DRAWING SCALE
 As indicated

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

BUILDING SECTION "I" LONGITUDINAL SOUTH

DRAWING NUMBER
 A-313.00

Sheet 127 of 315



Shauqat Shaikh
 Buildings
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 Date: 04/20/2016
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SECTION K
 SCALE: 1/8" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

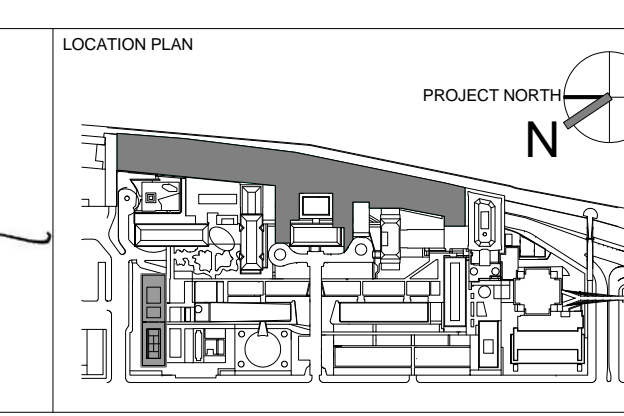
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
BARO, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
 158 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
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ARCHITECT / ENGINEER SEAL
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 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	EXCAVATION AND FOUNDATION PERMIT	5-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	DOB SUBMISSION	12-MAR-15	DRAWING SCALE 1/8" = 1'-0"
4	DOB SUBMISSION	31-JULY-15	
5	E&F ADDENDUM	31-JULY-15	
6	DOB SUBMISSION	20-AUG-15	
7	DOB SUBMISSION - RB	01-OCT-15	
8	PROGRESS SET	30-OCT-15	
9	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
BUILDING SECTION "K" / GRID LINE 1

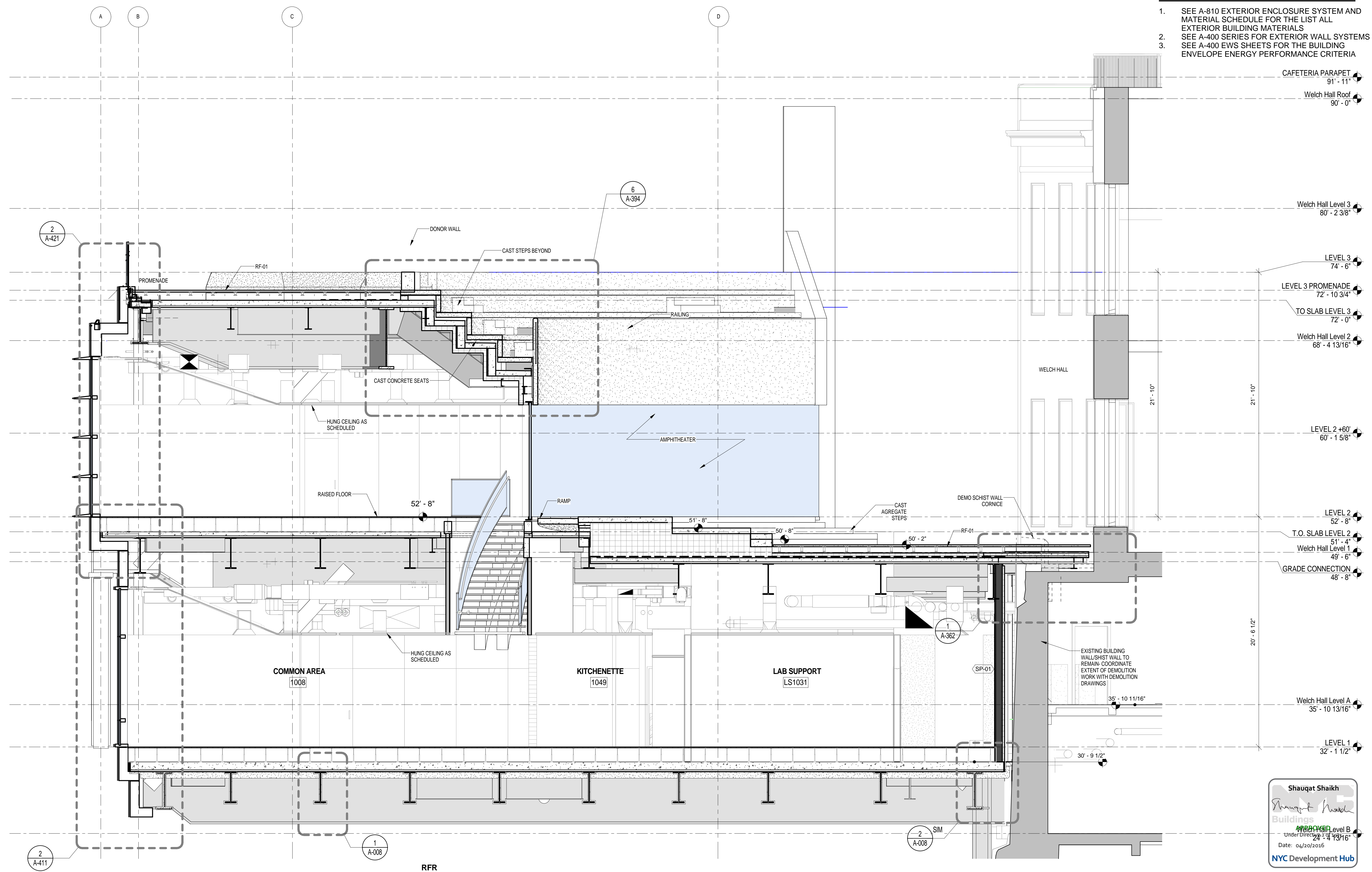
DRAWING NUMBER
A-314.00

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

Sheet 128 of 315

BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



Shauqat Shaikh
Shauqat Shaikh
 Buildings
 Under Direction
 Date: 06/30/2016
 NYC Development Hub

WALL SECTION - EAST 2
 SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

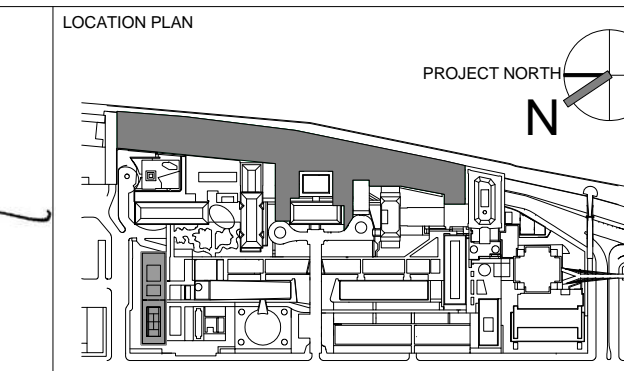
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 6TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
1	DESIGN DEVELOPMENT	27-FEB-15
2	SUPER CONIC ADDENDUM 1	25-AUG-15
3	PROGRESS SET	30-OCT-15
4	DEMOLITION PACKAGE	7-DEC-15
5	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 As indicated

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 AMPHITHEATER SECTION

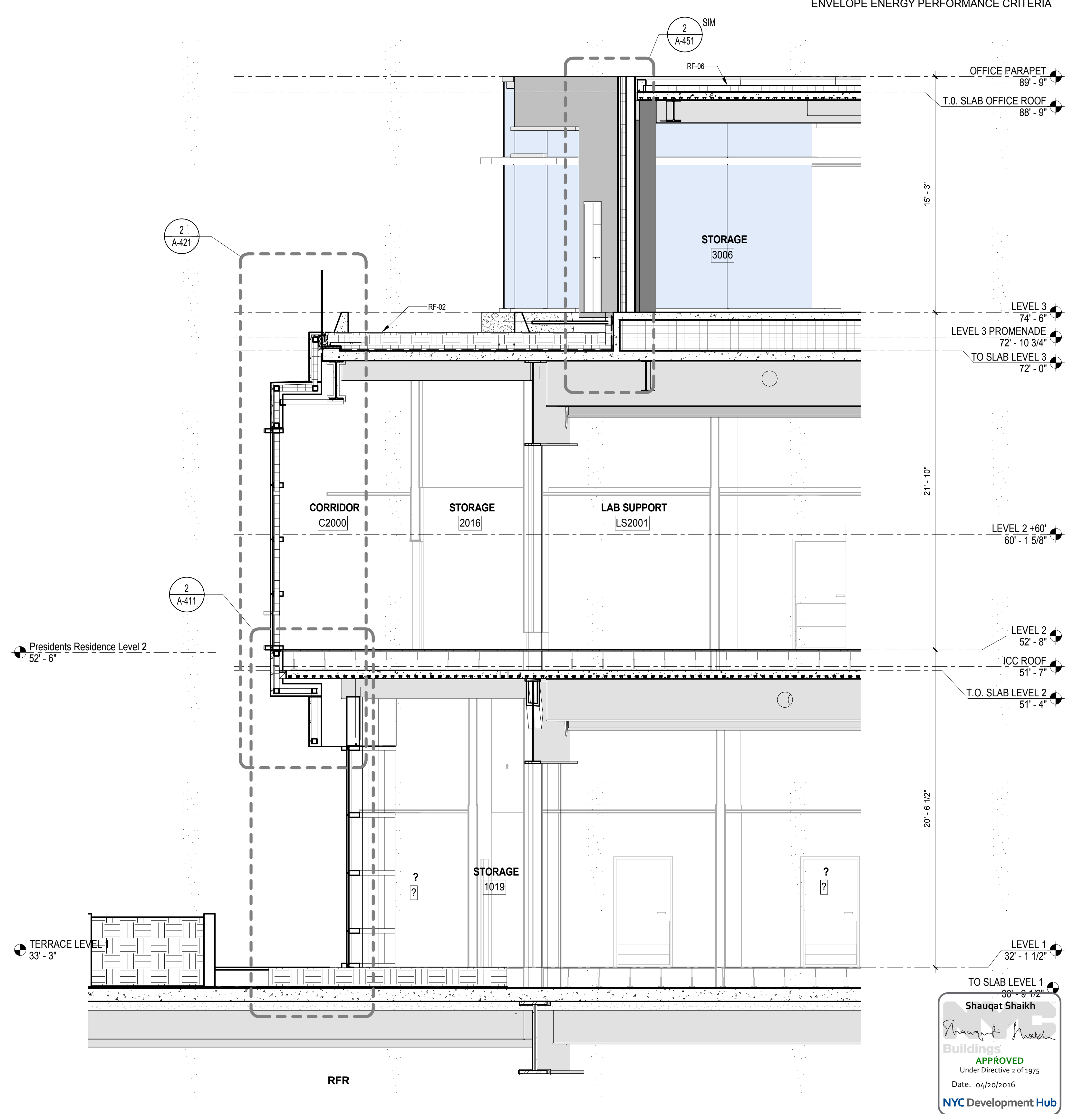
DRAWING NUMBER
 A-321.00

Sheet 129 of 315

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BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



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 Buildings
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WALL SECTION NORTH
 SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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1901

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
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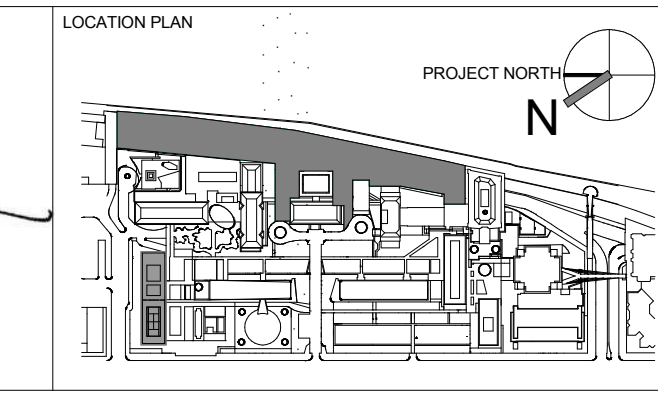
STRUCTURAL ENGINEER
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 744 BROAD STREET
 NEWARK, NJ 07102
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INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



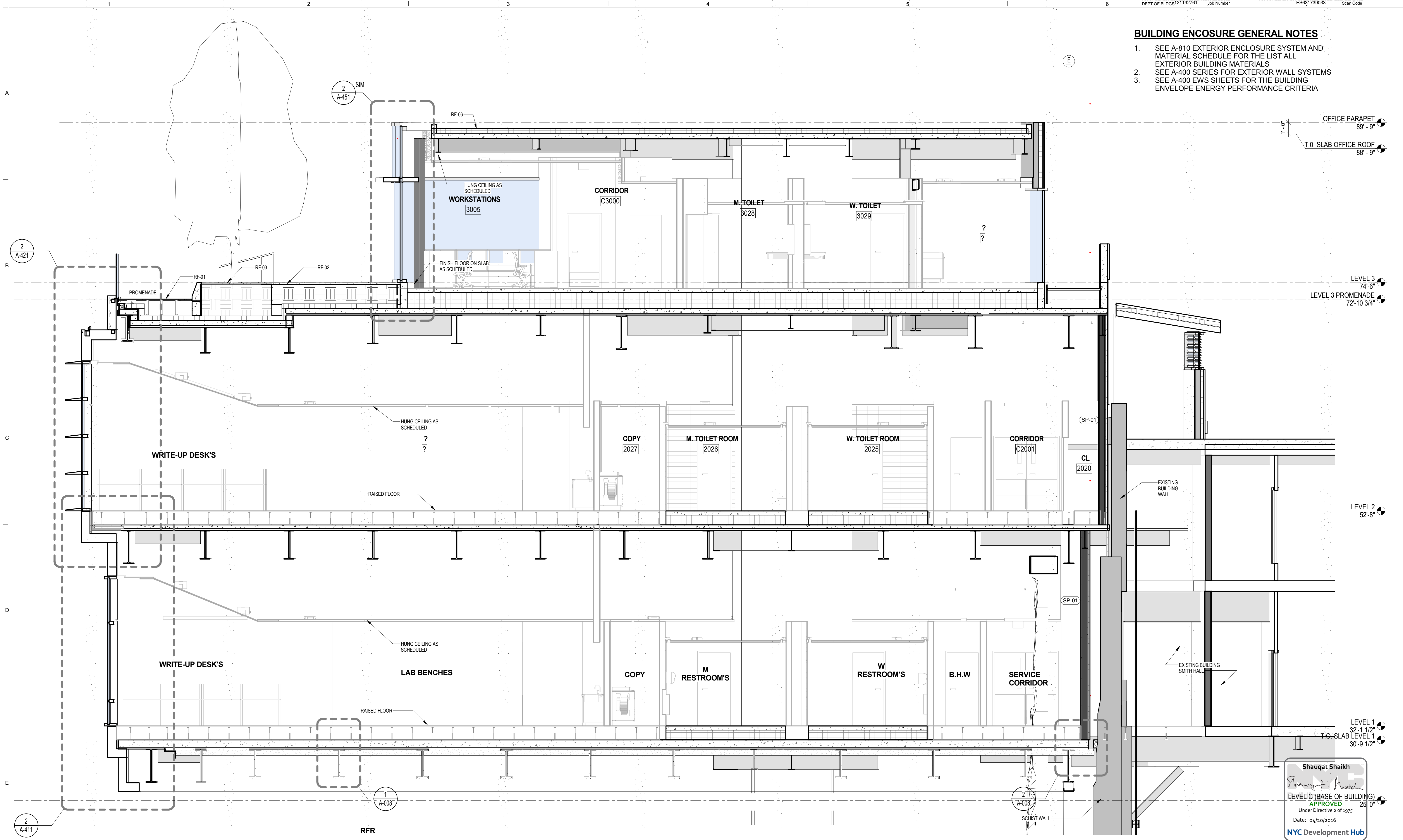
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1	PROGRESS SET	30-OCT-15	664.100	SECTION NORTH TERRACE
2	FIREPROOFING PACKAGE	7-DEC-15		
3	DOB SUBMISSION -RB	16-DEC-15		

DRAWING SIZE: 24" x 36"
 DRAWING SCALE: As indicated
 PROJECT PHASE: CONSTRUCTION DOCUMENTS

DRAWING NUMBER: A-322.00
 SHEET 130 OF 315

BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



Shauqat Shaikh
Shauqat Shaikh
 LEVEL C (BASE OF BUILDING)
 APPROVED
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WALL SECTION EAST 3
 SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
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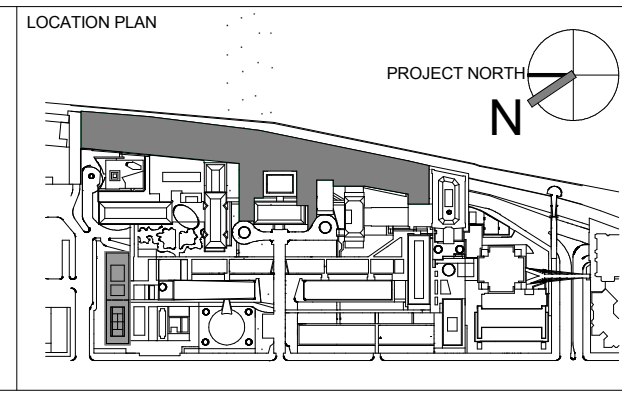
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
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REV	DESCRIPTION	DATE
1	DESIGN DEVELOPMENT	27-FEB-15
2	SUPER CONC ADDENDUM 1	25-AUG-15
3	PROGRESS SET	30-OCT-15
4	FIREPROOFING PACKAGE	7-DEC-15
5	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
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DRAWING SCALE
 As indicated

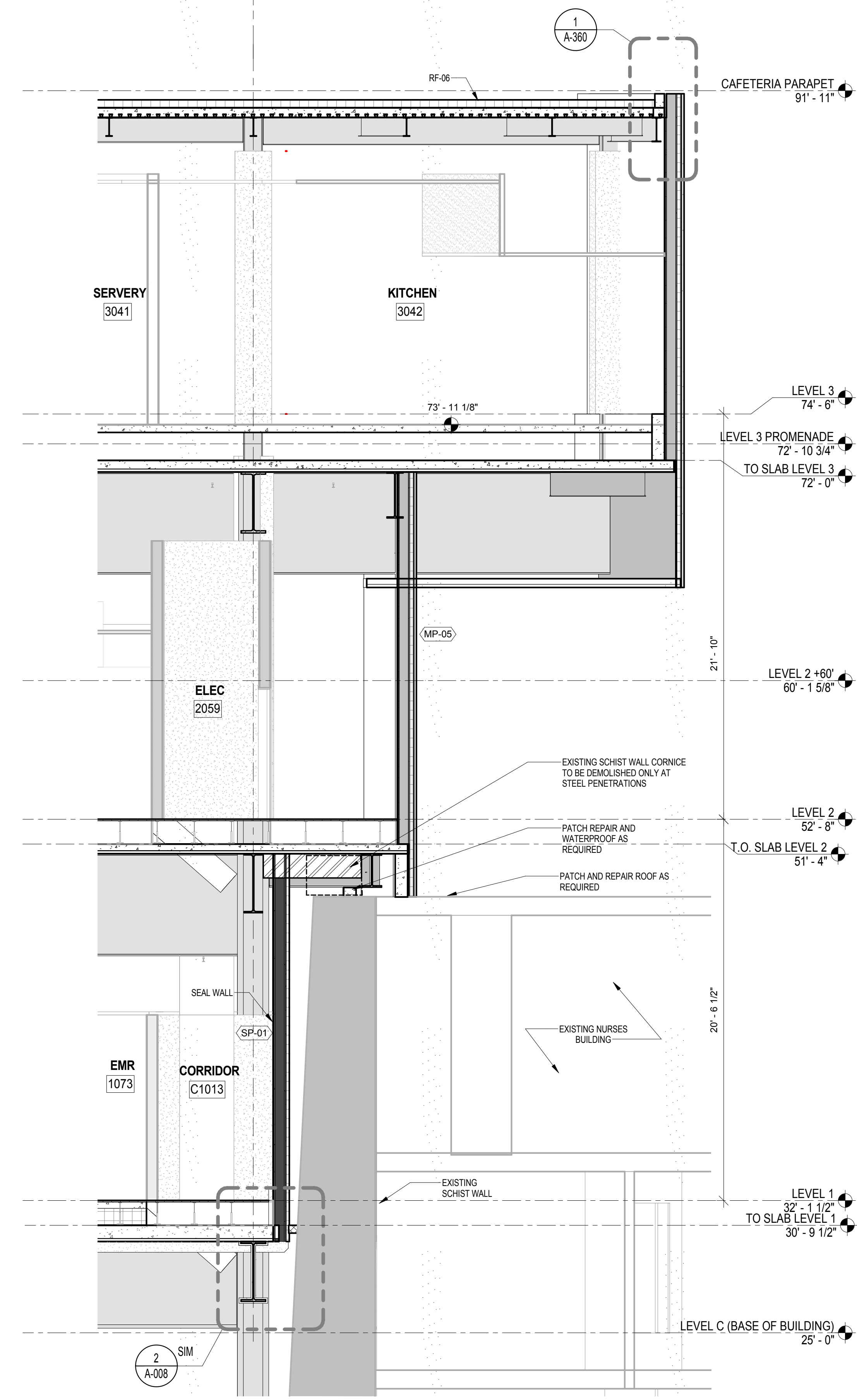
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 SECTION COLUMN LINE 3.50

DRAWING NUMBER
A-323.00

Sheet 131 of 315

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BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

WALL SECTION WEST 6
 SCALE: 1/4" = 1'-0" 1

The Rockefeller University
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

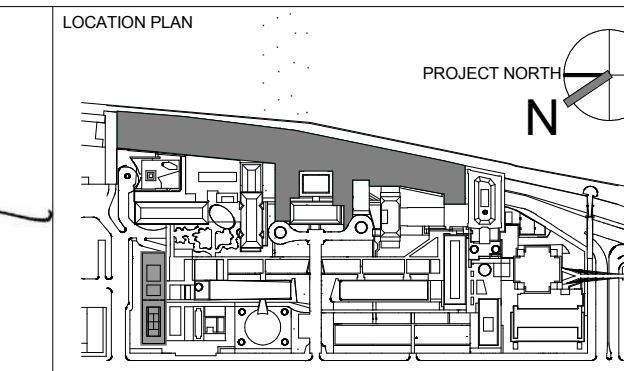
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

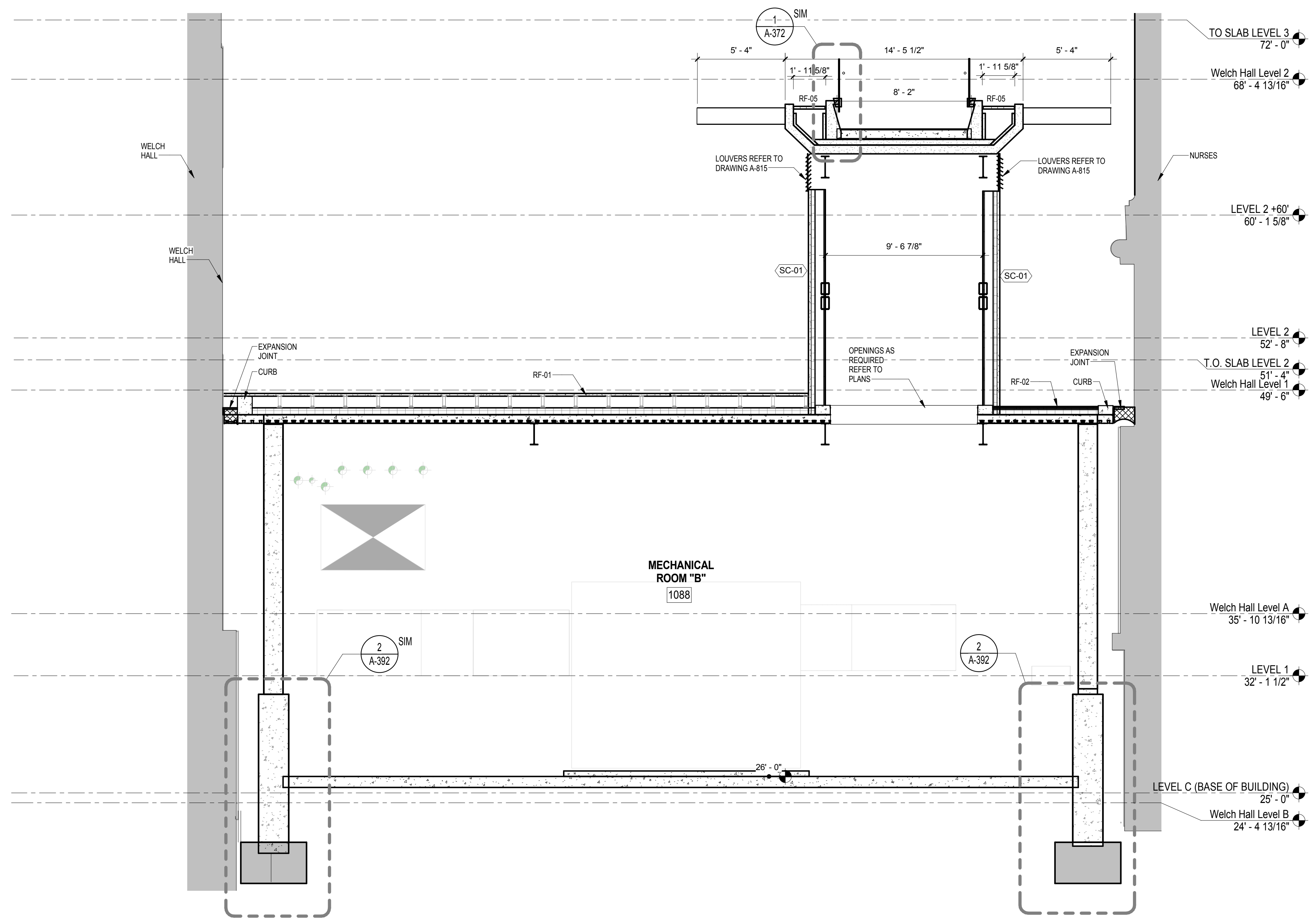
ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	DESIGN DEVELOPMENT	27-FEB-15	664.100
2	PROGRESS SET	30-OCT-15	
3	DEMOLITION PACKAGE	7-DEC-15	
4	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
SECTION KITCHEN

DRAWING NUMBER
A-324.00
 Sheet 132 of 315



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 Buildings
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 Date: 04/20/2016
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SECTION MECHANICAL ROOM "B"
 SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

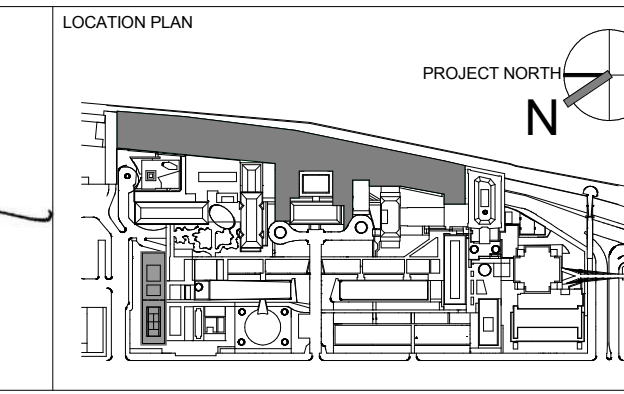
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
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ARCHITECT / ENGINEER SEAL



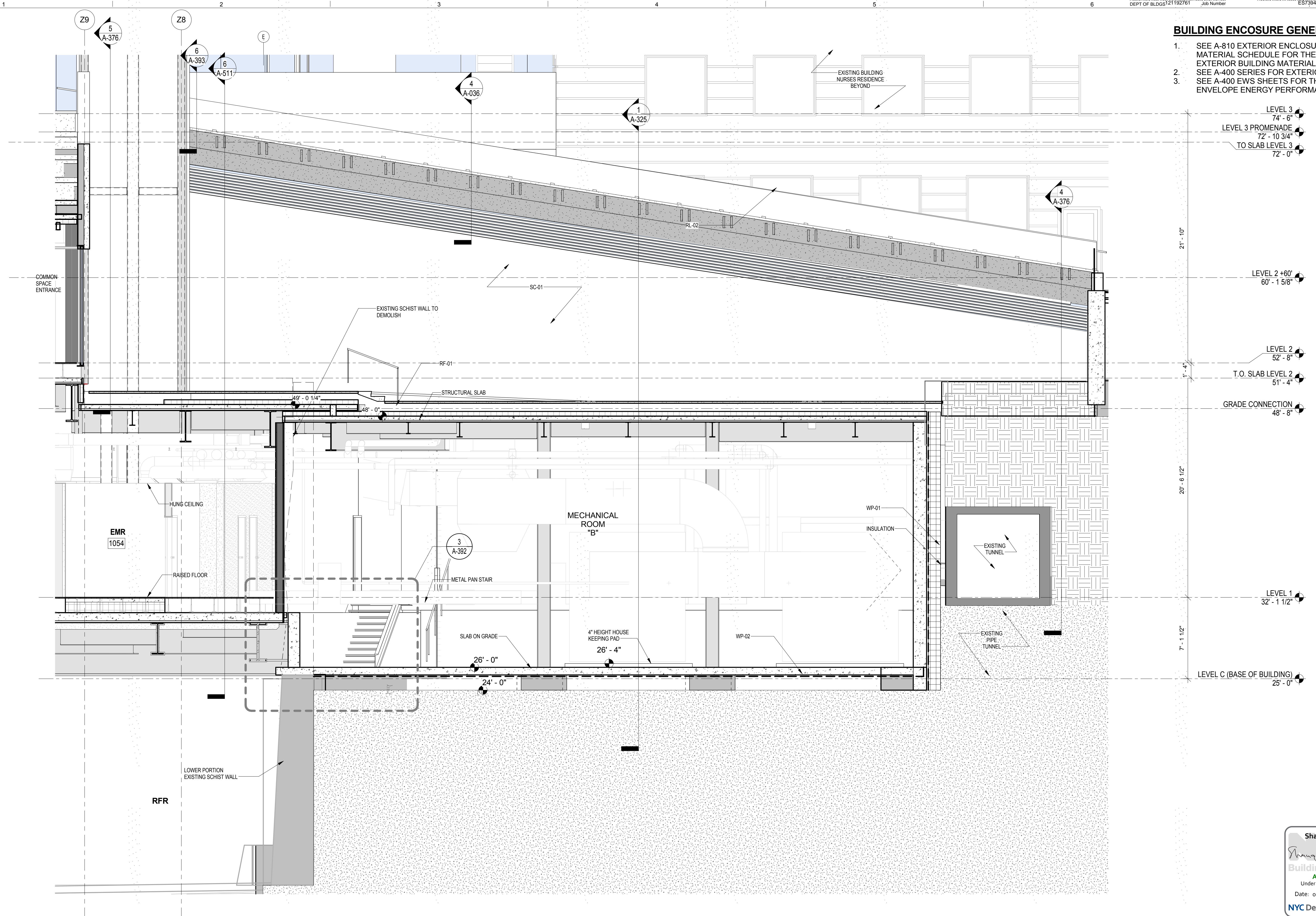
REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
SECTION NORTH SOUTH AT MECHANICAL "B"

DRAWING NUMBER
A-325.00
 Sheet 133 of 315

BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



LEVEL 3
74' - 6"

LEVEL 3 PROMENADE
72' - 10 3/4"

TO SLAB LEVEL 3
72' - 0"

21' - 10"

LEVEL 2 +60'
60' - 1 5/8"

LEVEL 2
52' - 8"

T.O. SLAB LEVEL 2
51' - 4"

GRADE CONNECTION
48' - 8"

20' - 6 1/2"

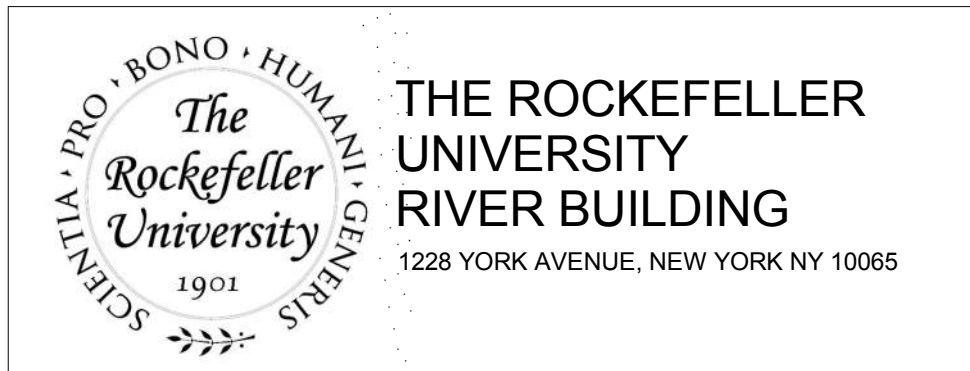
LEVEL 1
32' - 1 1/2"

7' - 1 1/2"

LEVEL C (BASE OF BUILDING)
25' - 0"

Shauqat Shaikh
Shauqat Shaikh
Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
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WALL SECTION WEST 3
SCALE: 1/4" = 1'-0" 1



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
T. 212.924.5060 F. 212.924.5858

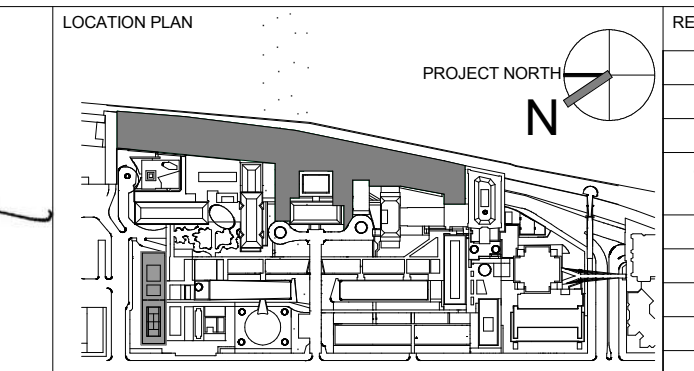
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
156 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
THOMAS BARON
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	DESIGN DEVELOPMENT	27-FEB-15	664.100
2	PROGRESS SET	30-OCT-15	
3	DEMOLITION PACKAGE	7-DEC-15	
4	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
SECTION EAST WEST AT MECHANICAL "B"

DRAWING NUMBER
A-326.00

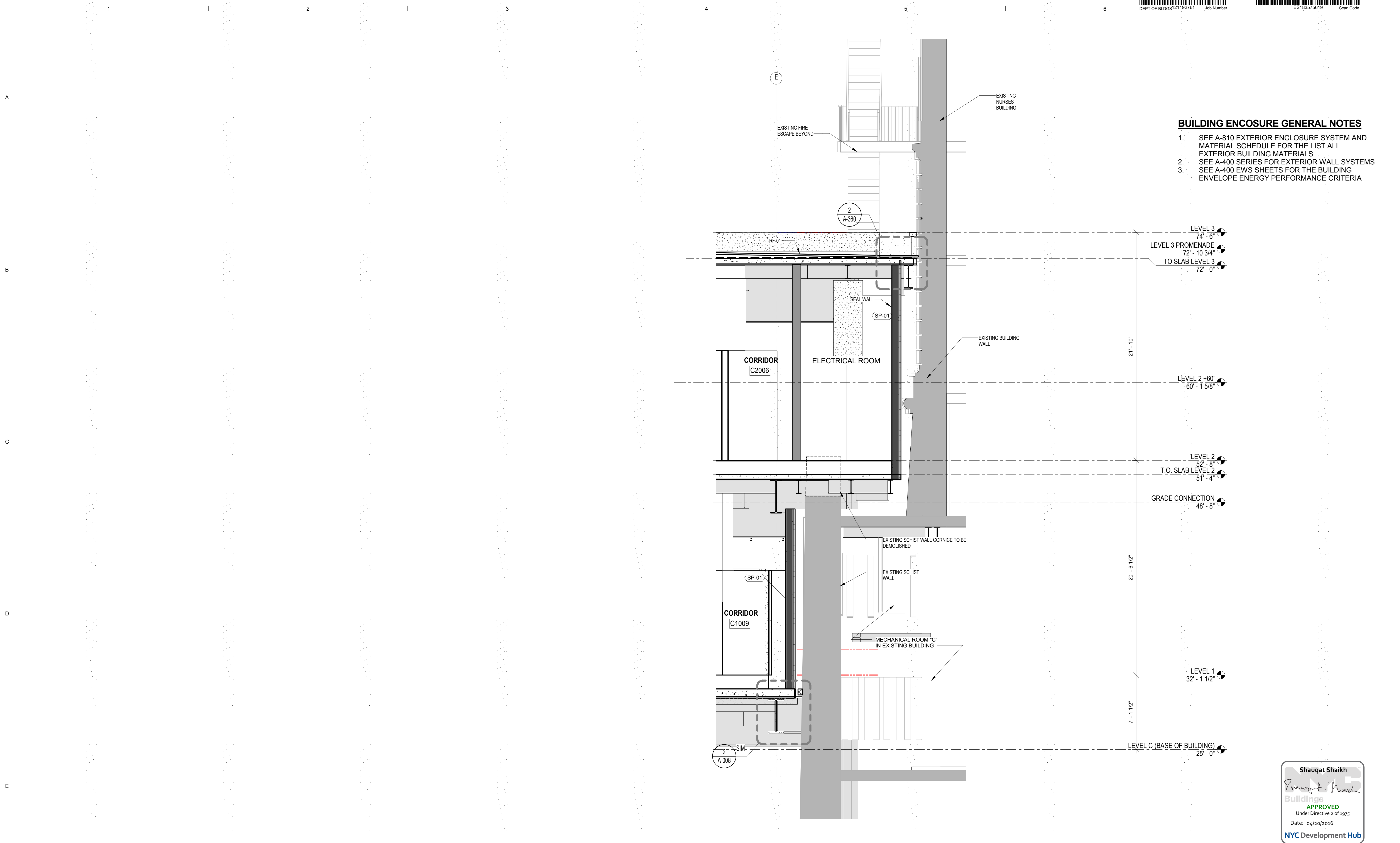
DRAWING SIZE
24" x 36"

DRAWING SCALE
As Indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-326.00

DRAWING REV
Sheet 134 of 315



BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

LEVEL 3 74' - 6"

LEVEL 3 PROMENADE 72' - 10 3/4"

TO SLAB LEVEL 3 72' - 0"

21' - 10"

LEVEL 2 +60' 60' - 1 5/8"

LEVEL 2 52' - 8"

T.O. SLAB LEVEL 2 51' - 4"

GRADE CONNECTION 48' - 8"

20' - 6 1/2"

LEVEL 1 32' - 1 1/2"

7' - 1 1/2"

LEVEL C (BASE OF BUILDING) 25' - 0"

Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
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WALL SECTION WEST 4
 SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

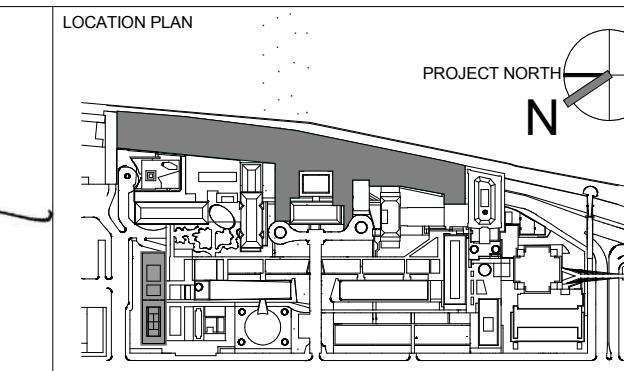
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
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 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
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SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
1	DESIGN DEVELOPMENT	27-FEB-15
2	PROGRESS SET	30-OCT-15
3	DEMOLITION PACKAGE	7-DEC-15
4	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

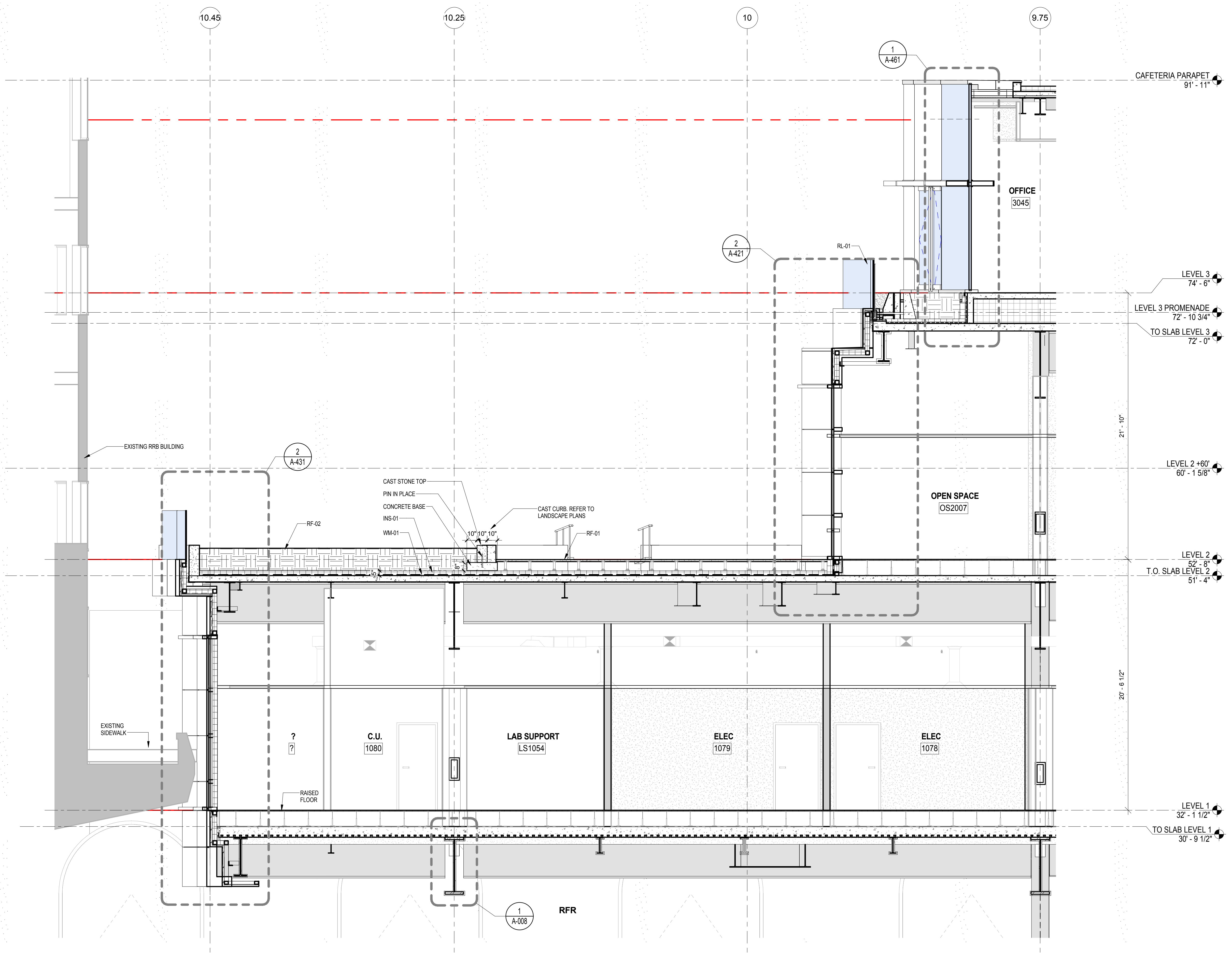
DRAWING SCALE
 As indicated

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
SECTION MECHANICAL ROOM "C"

DRAWING NUMBER
A-327.00

Sheet 135 of 315



BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
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WALL SECTION SOUTH
 SCALE: 1/4" = 1'-0" 1

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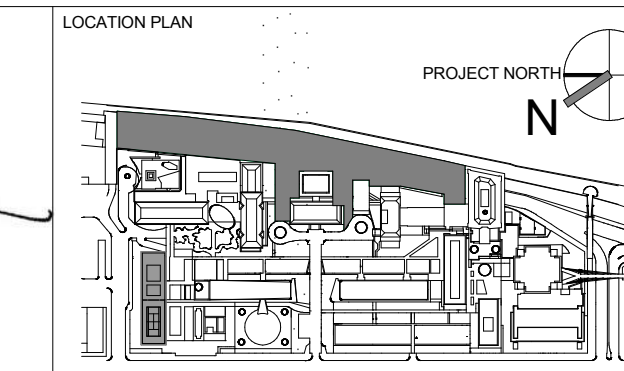
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	DESIGN DEVELOPMENT	27-FEB-15	664.100
2	PROGRESS SET	30-OCT-15	
3	FIREPROOFING PACKAGE	7-DEC-15	
4	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
SECTION AT SOUTH TERRACE

DRAWING SCALE
 As indicated

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

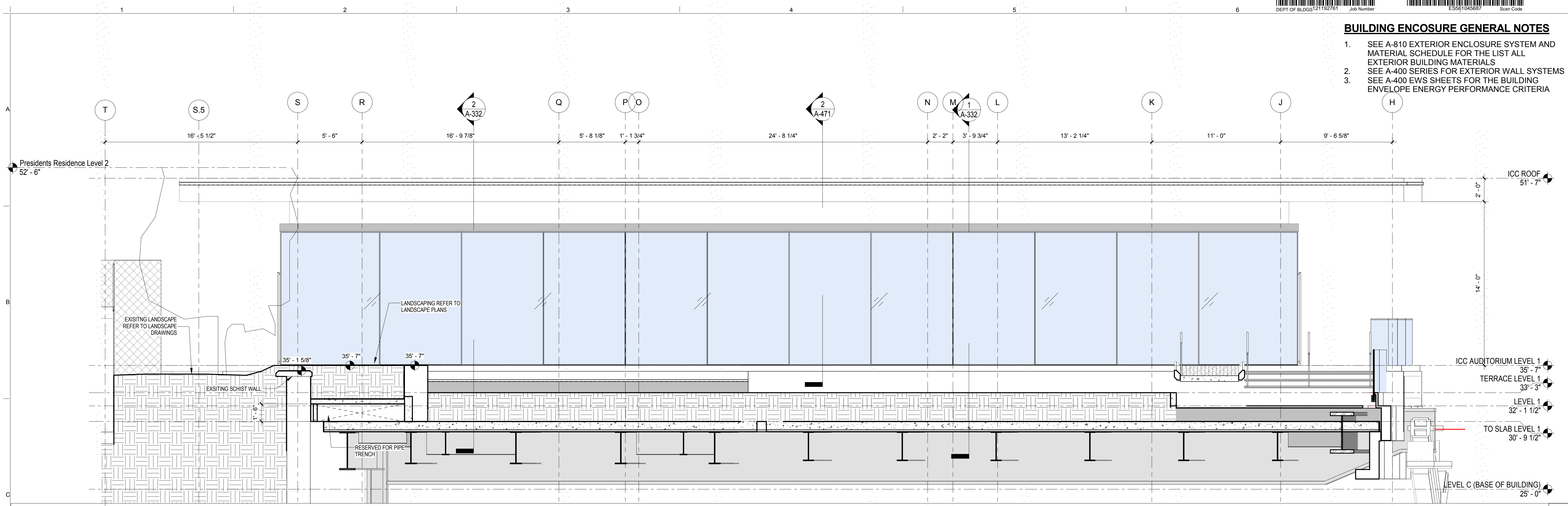
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Sheet 136 of 315

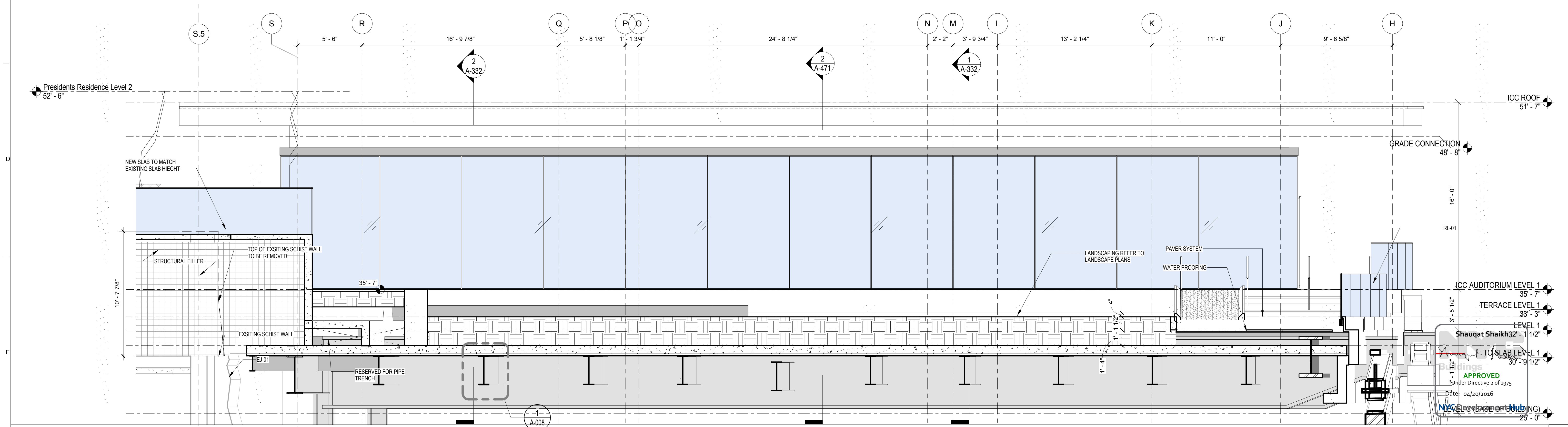
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BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



EAST - WEST SECTION 1
SCALE: 1/4" = 1'-0"



EAST - WEST SECTION 2
SCALE: 1/4" = 1'-0"

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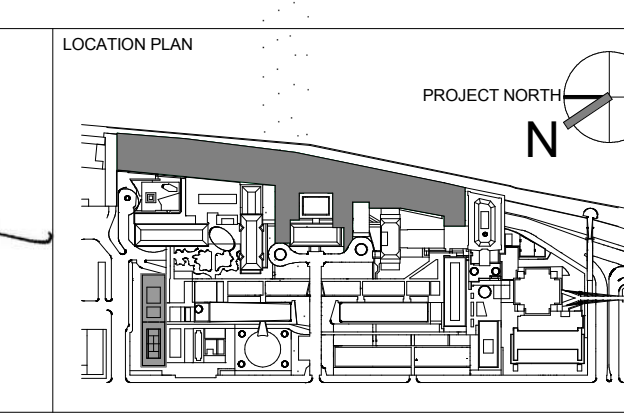
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	DESIGN DEVELOPMENT	27-FEB-15	664.100
2	PROGRESS SET	30-OCT-15	
3	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
SECTIONS AT NORTH TERRACE

DRAWING NUMBER
A-330.00

DRAWING SCALE
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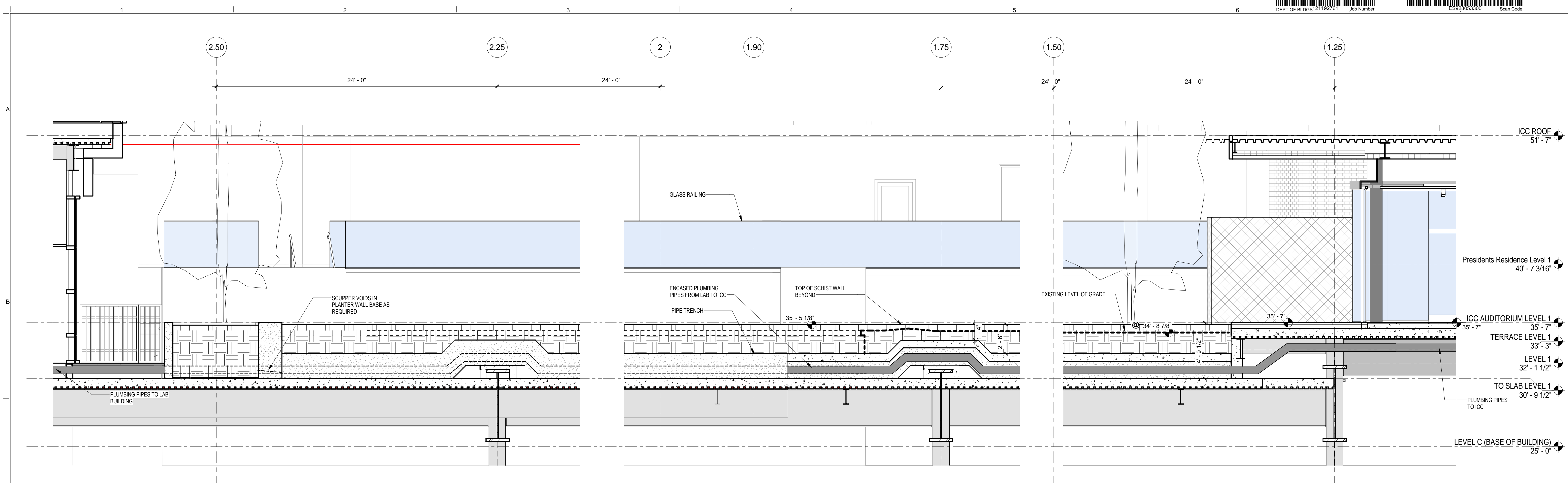
PROJECT PHASE
CONSTRUCTION DOCUMENTS

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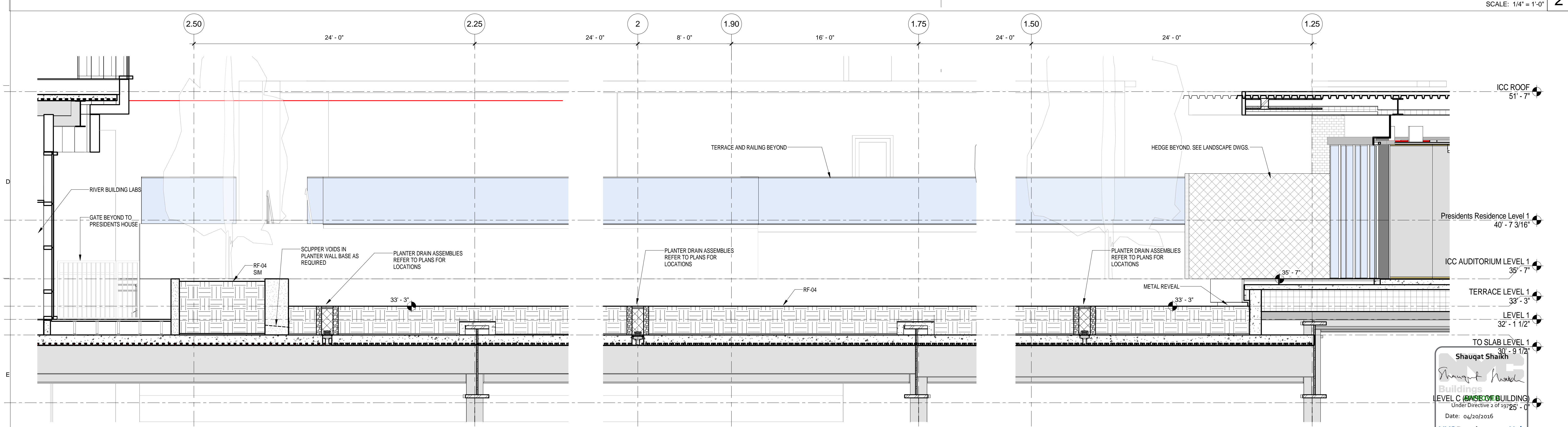
DATE
16-DEC-15

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Shauqat Shaikh
Under Directive 2 of 1975
Date: 04/30/2016

DOCS REV
Sheet 137 of 315



SECTION / NORTH TERRACE 02
SCALE: 1/4" = 1'-0" 2



SECTION / NORTH TERRACE 01
SCALE: 1/4" = 1'-0" 1

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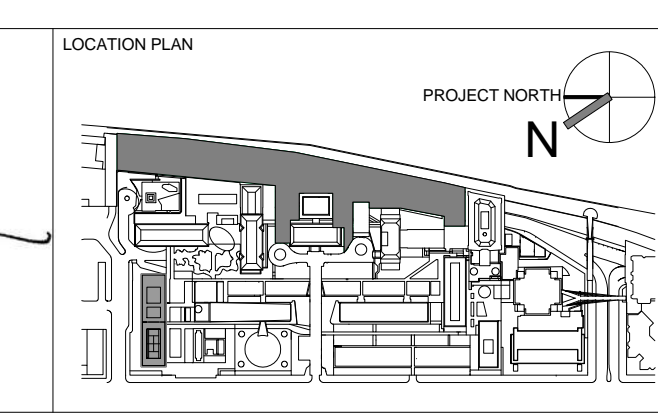
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
DOUGLAS BARNUM
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	DESIGN DEVELOPMENT	27-FEB-15
2	PROGRESS SET	30-OCT-15
3	FIREPROOFING PACKAGE	7-DEC-15
4	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/4" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

SECTIONS AT NORTH TERRACE

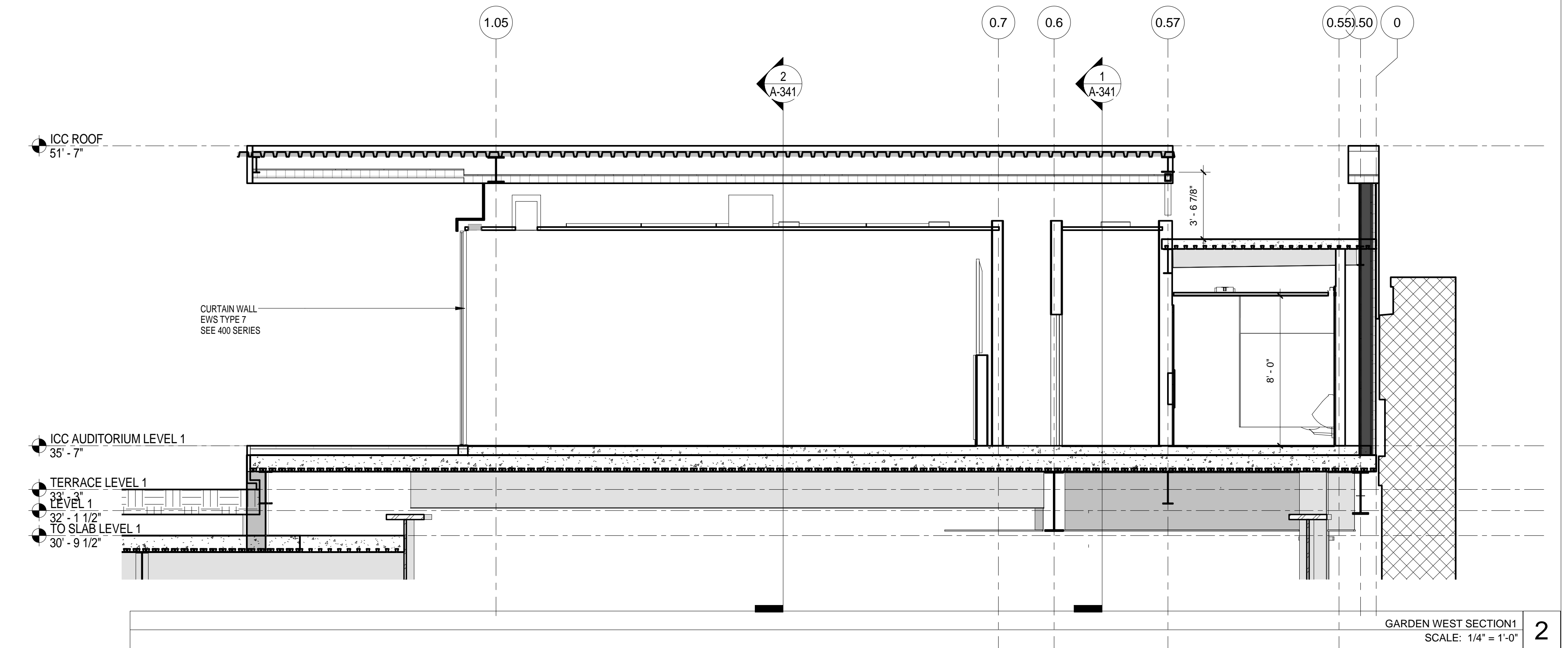
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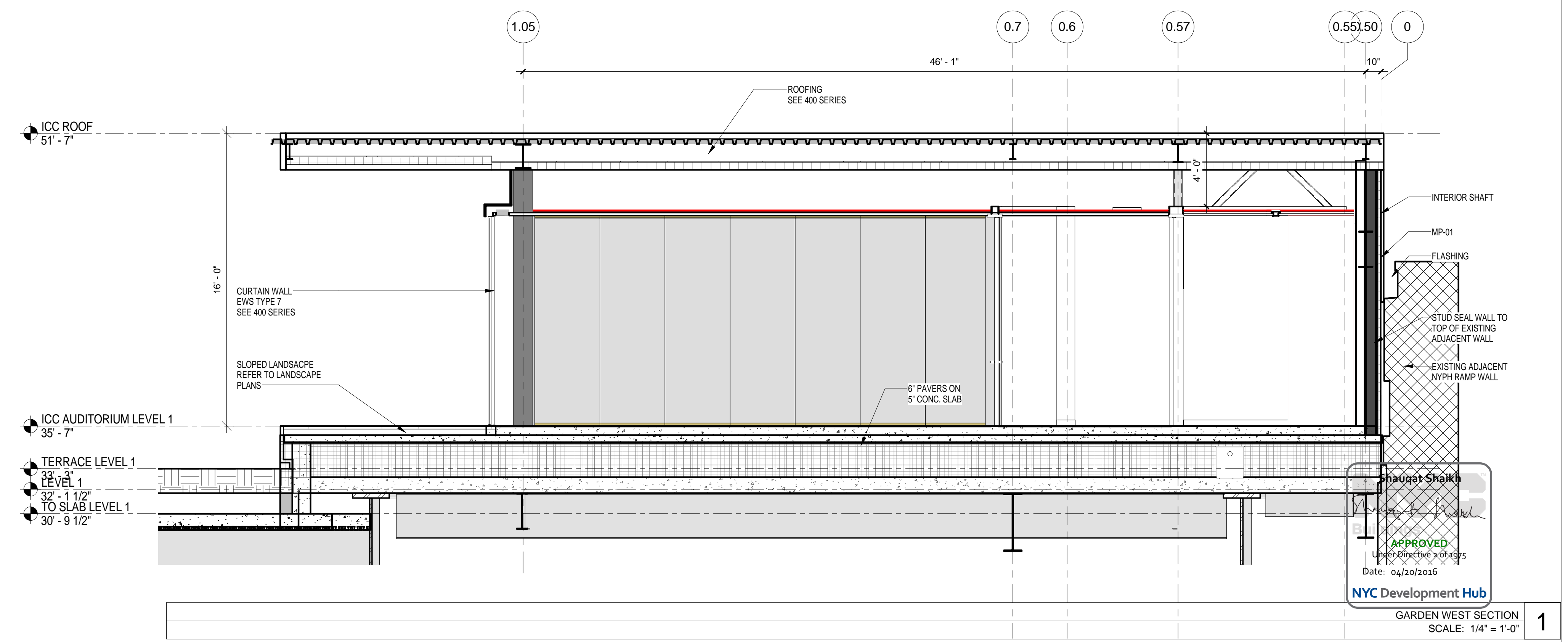
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BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 AND A-811 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



GARDEN WEST SECTION 2
SCALE: 1/4" = 1'-0"



GARDEN WEST SECTION 1
SCALE: 1/4" = 1'-0"

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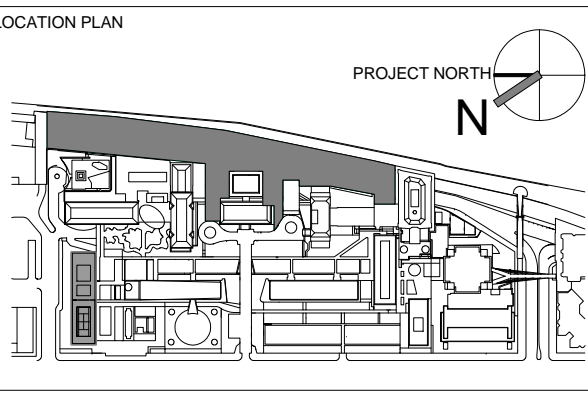
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No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
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2	PROGRESS SET	30-OCT-15
3	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

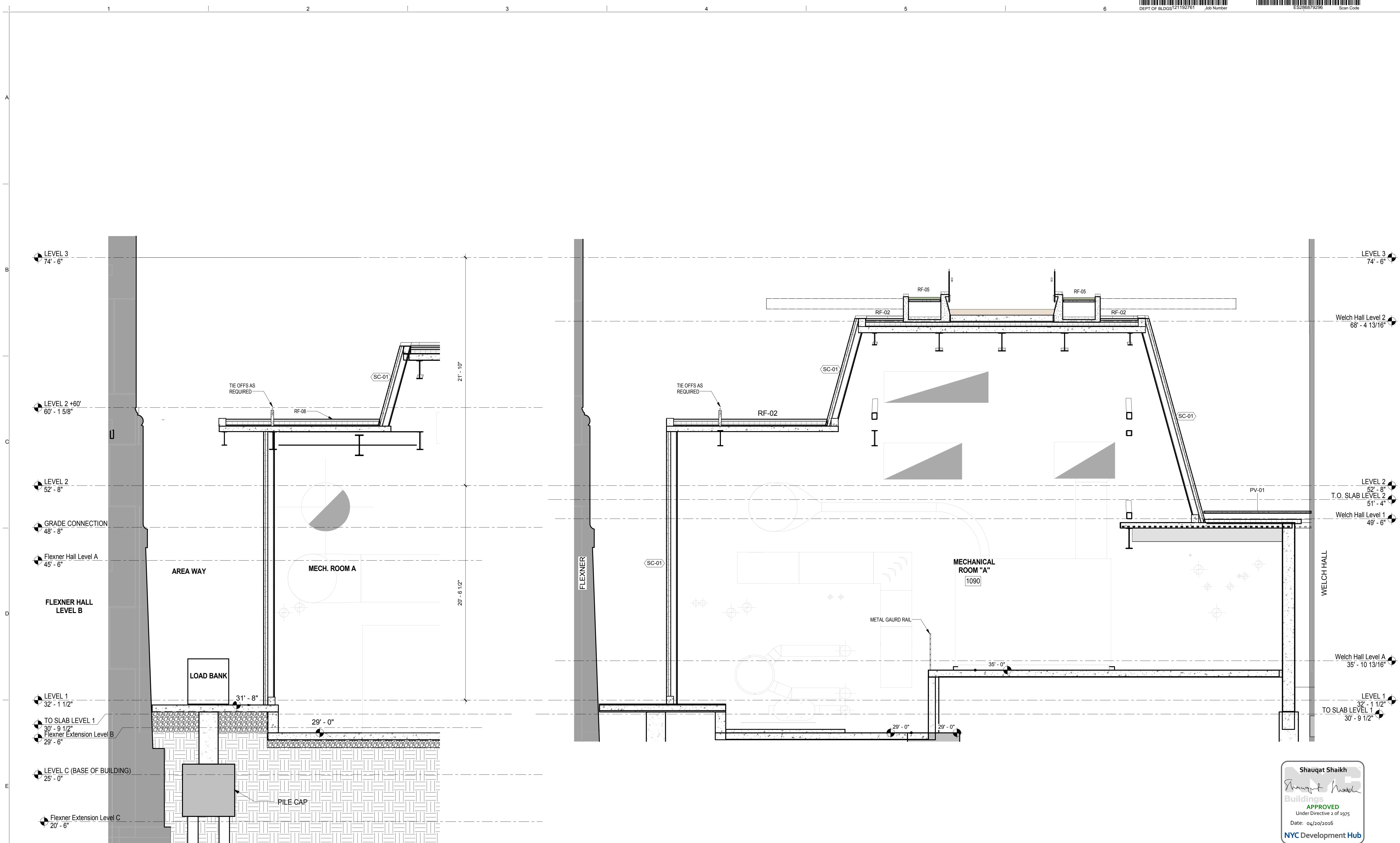
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
ICC BUILDING SECTIONS

DRAWING NUMBER
A-332.00

Sheet 139 of 315

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SECTION AT MECH. A - LOAD BANK
SCALE: 1/4" = 1'-0" **2**

SECTION NORTH SOUTH - AT MECHANICAL ROOM "A"
SCALE: 1/4" = 1'-0" **1**

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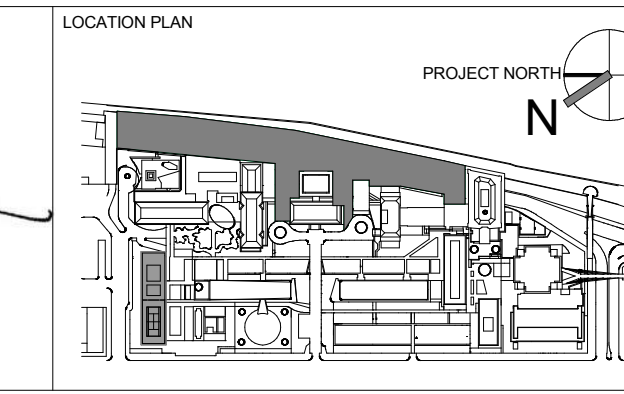
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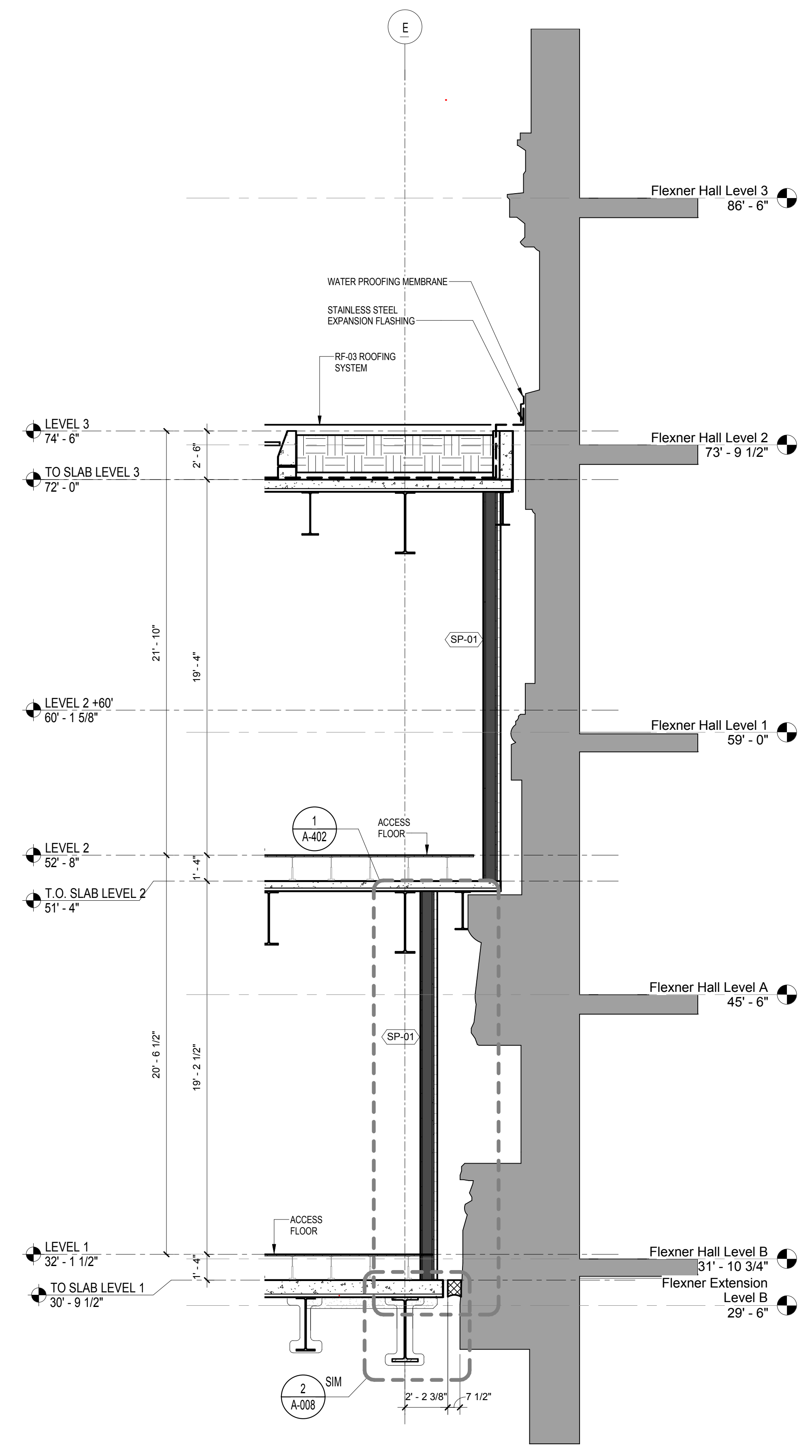
ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



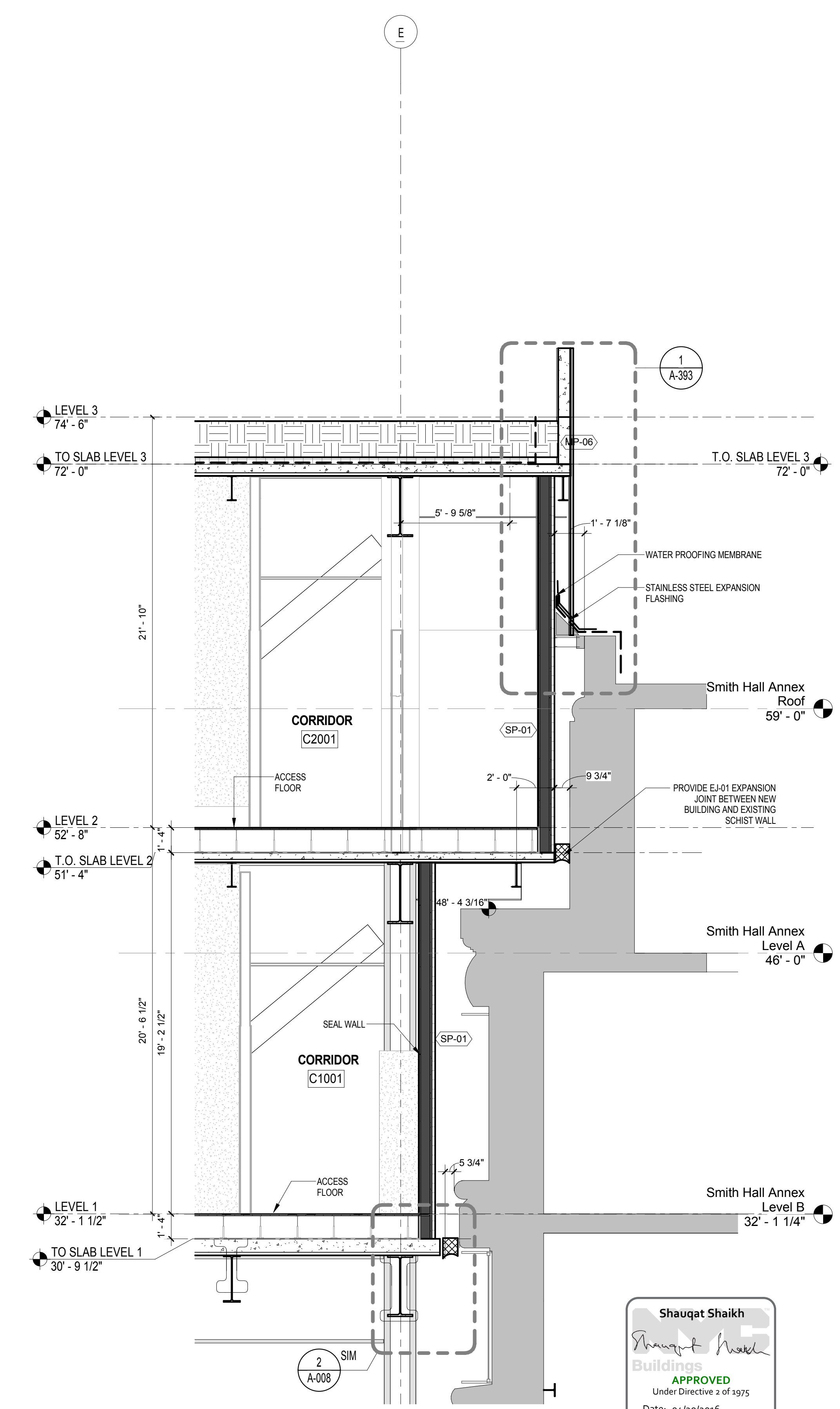
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1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
SECTION NORTH SOUTH 02 - AT
MECHANICAL ROOM "A"

DRAWING NUMBER
A-334.00
Sheet 140 of 315



SECTION AT FLEXNER HALL COL. LINE 4.75
SCALE: 1/4" = 1'-0" 2



SECTION AT SMITH HALL ANNEX COL. LINE 2.75
SCALE: 1/4" = 1'-0" 1

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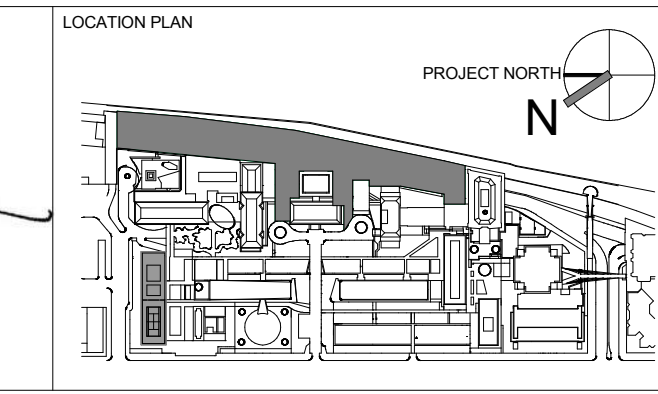
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SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	FIREPROOFING PACKAGE	7-DEC-15	
3	DOB SUBMISSION -RB	16-DEC-15	

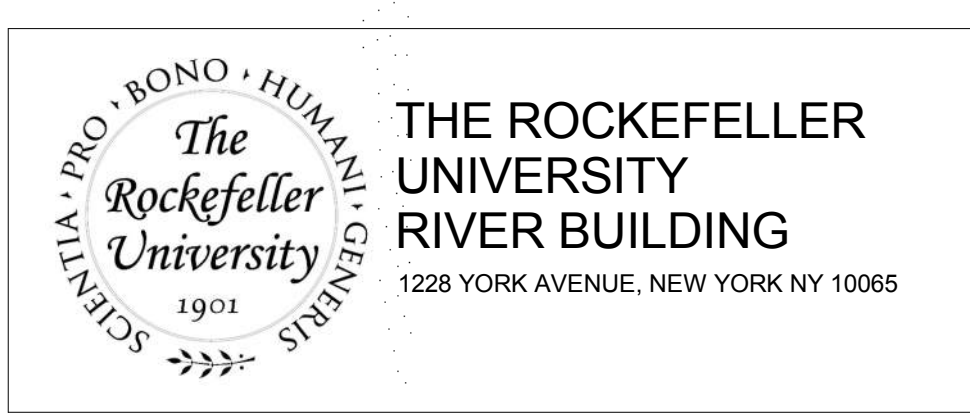
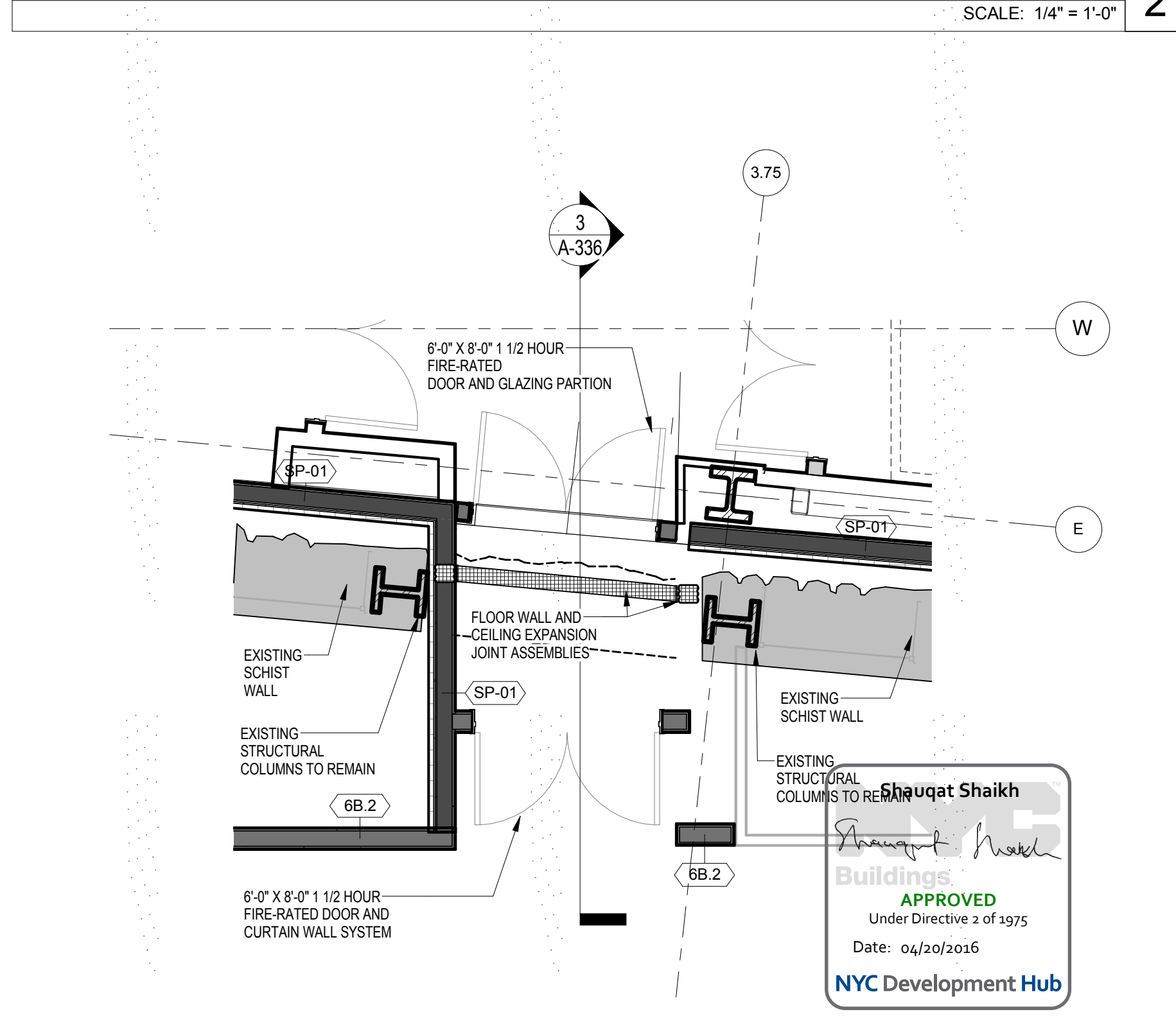
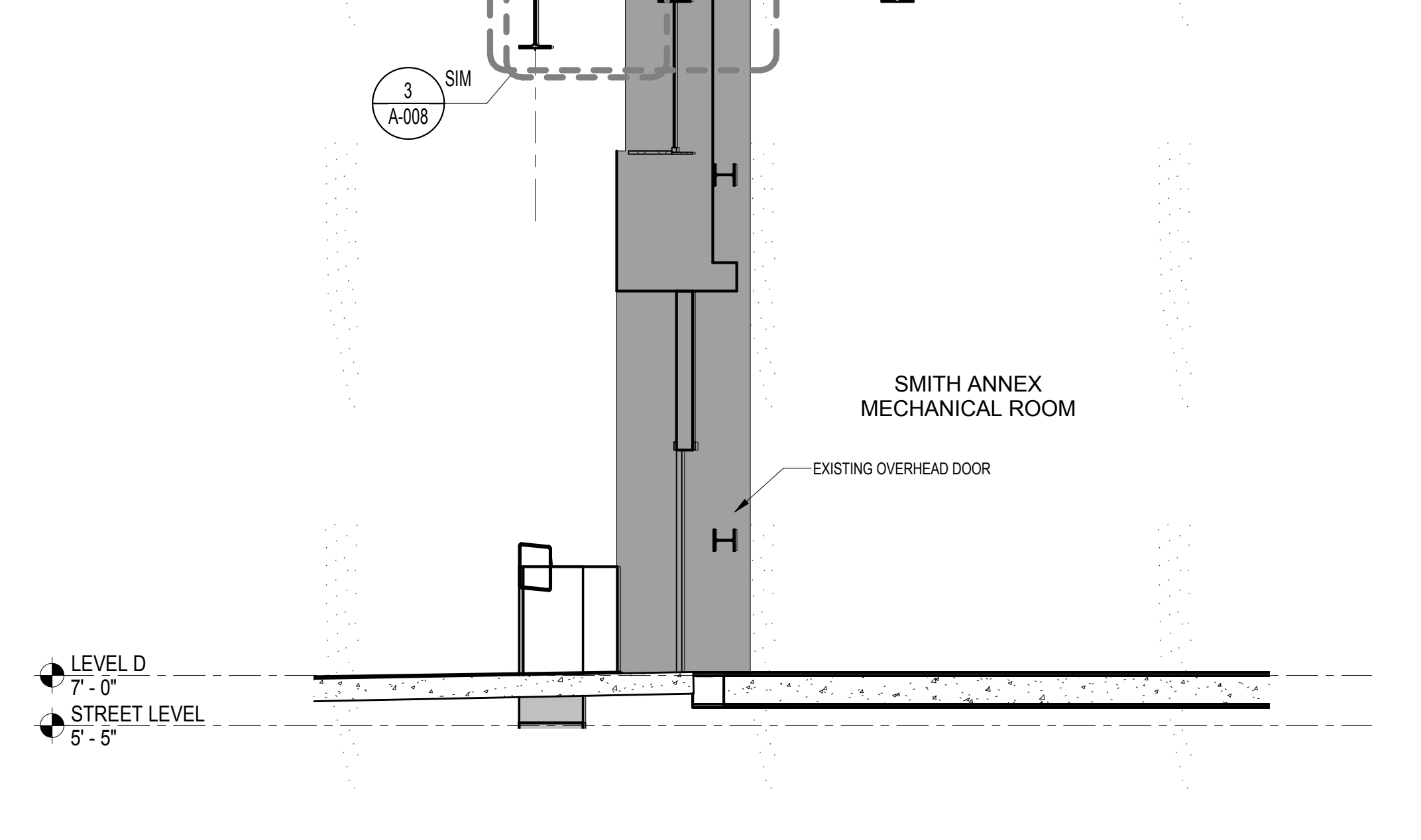
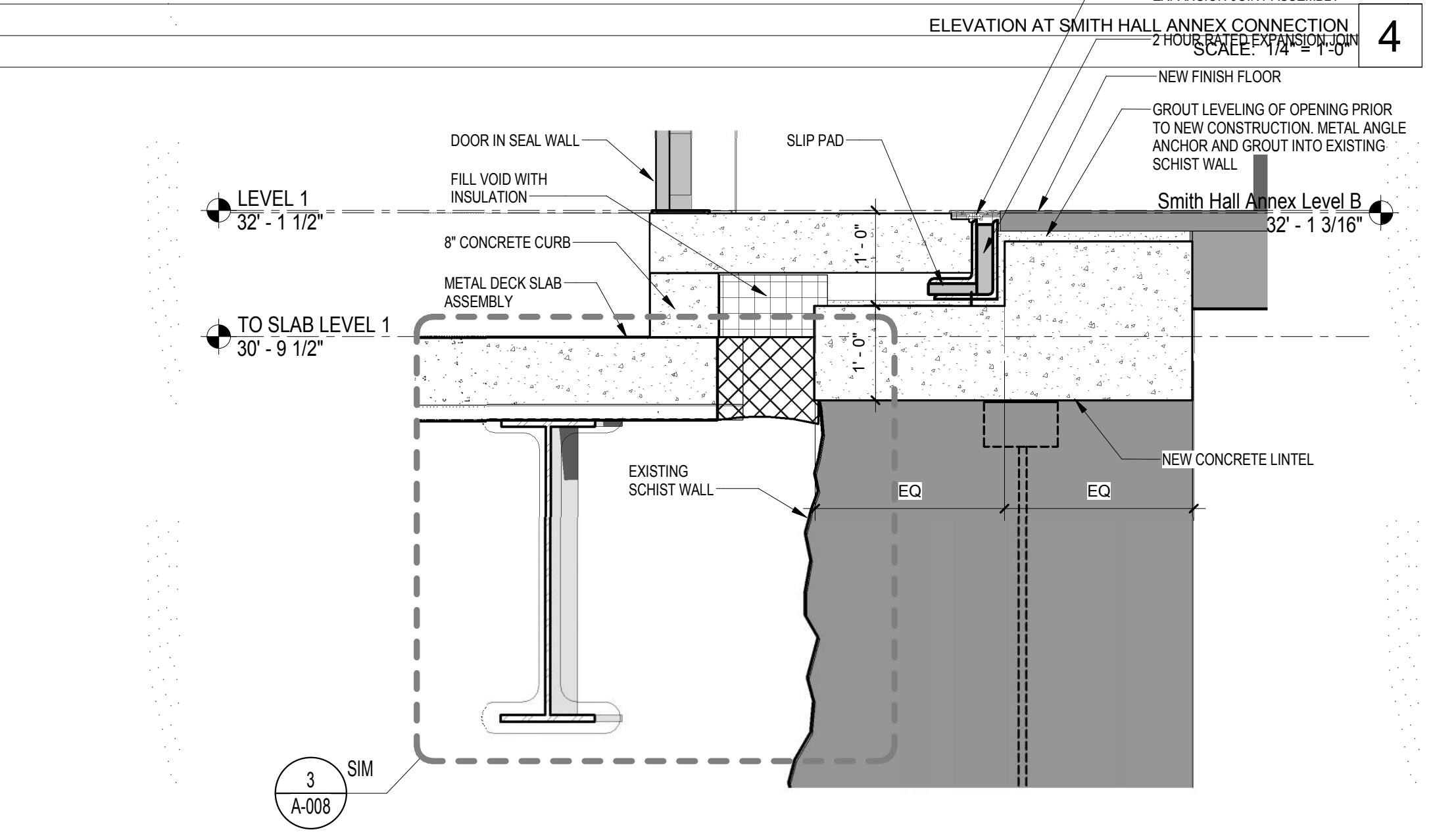
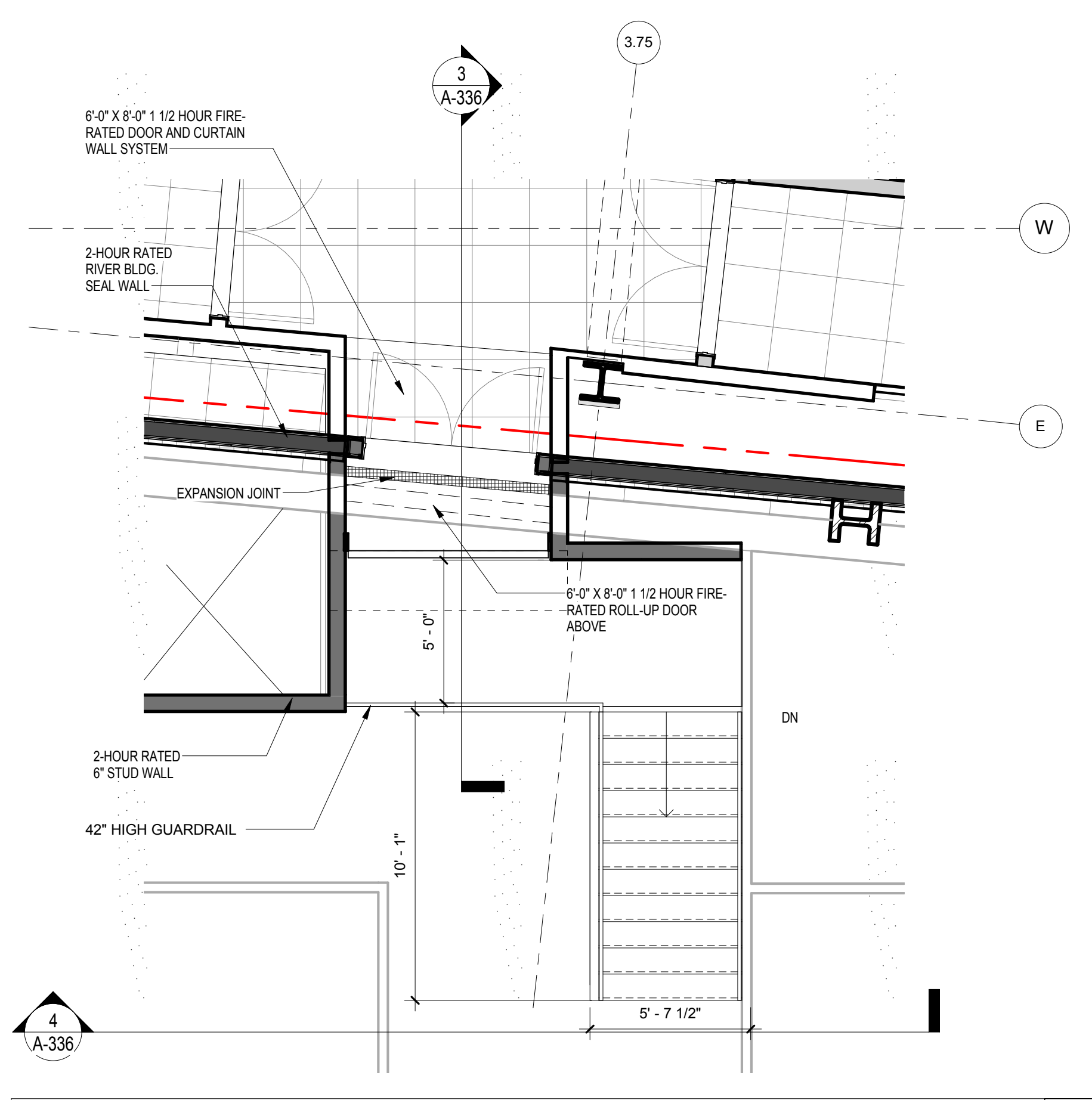
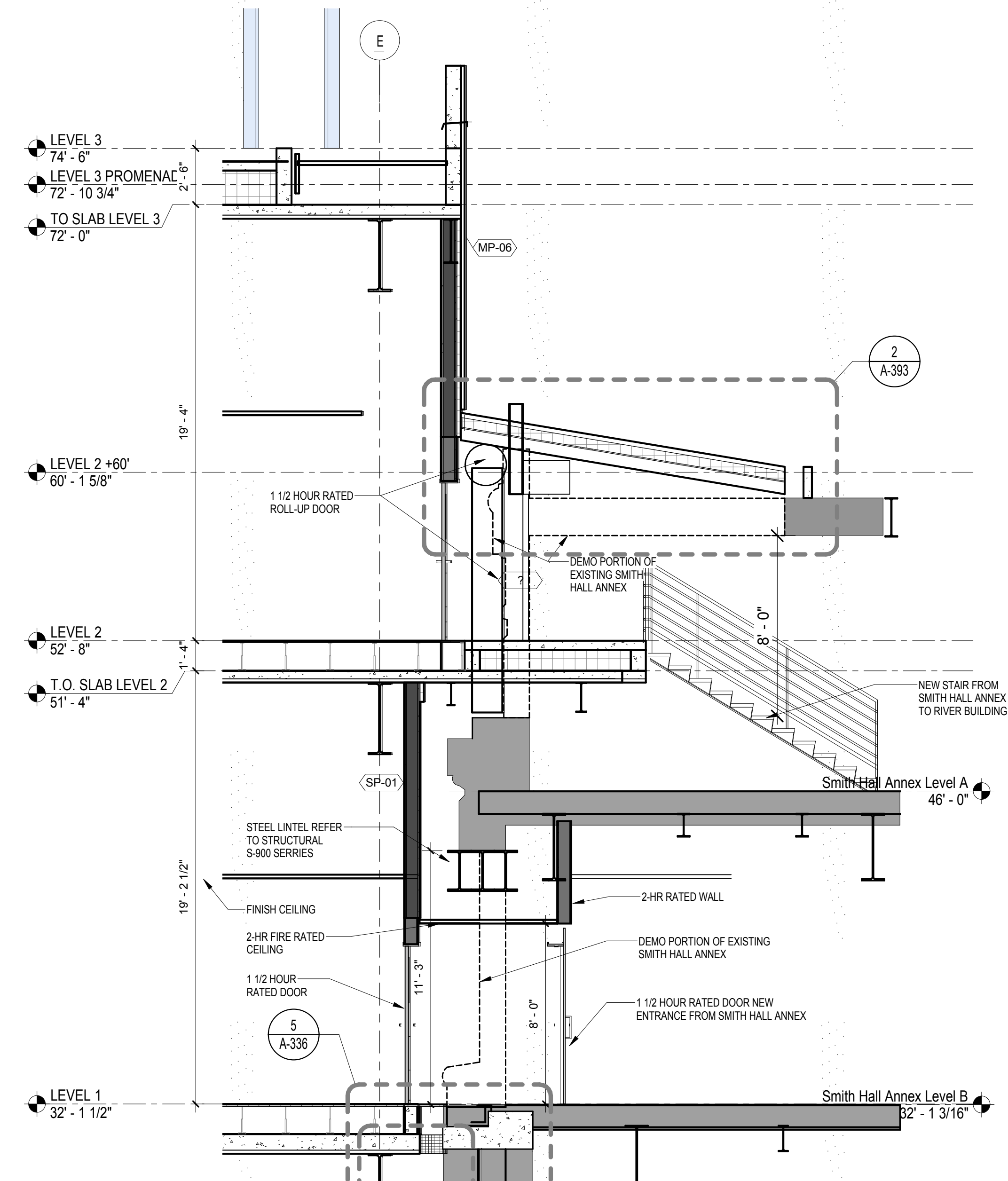
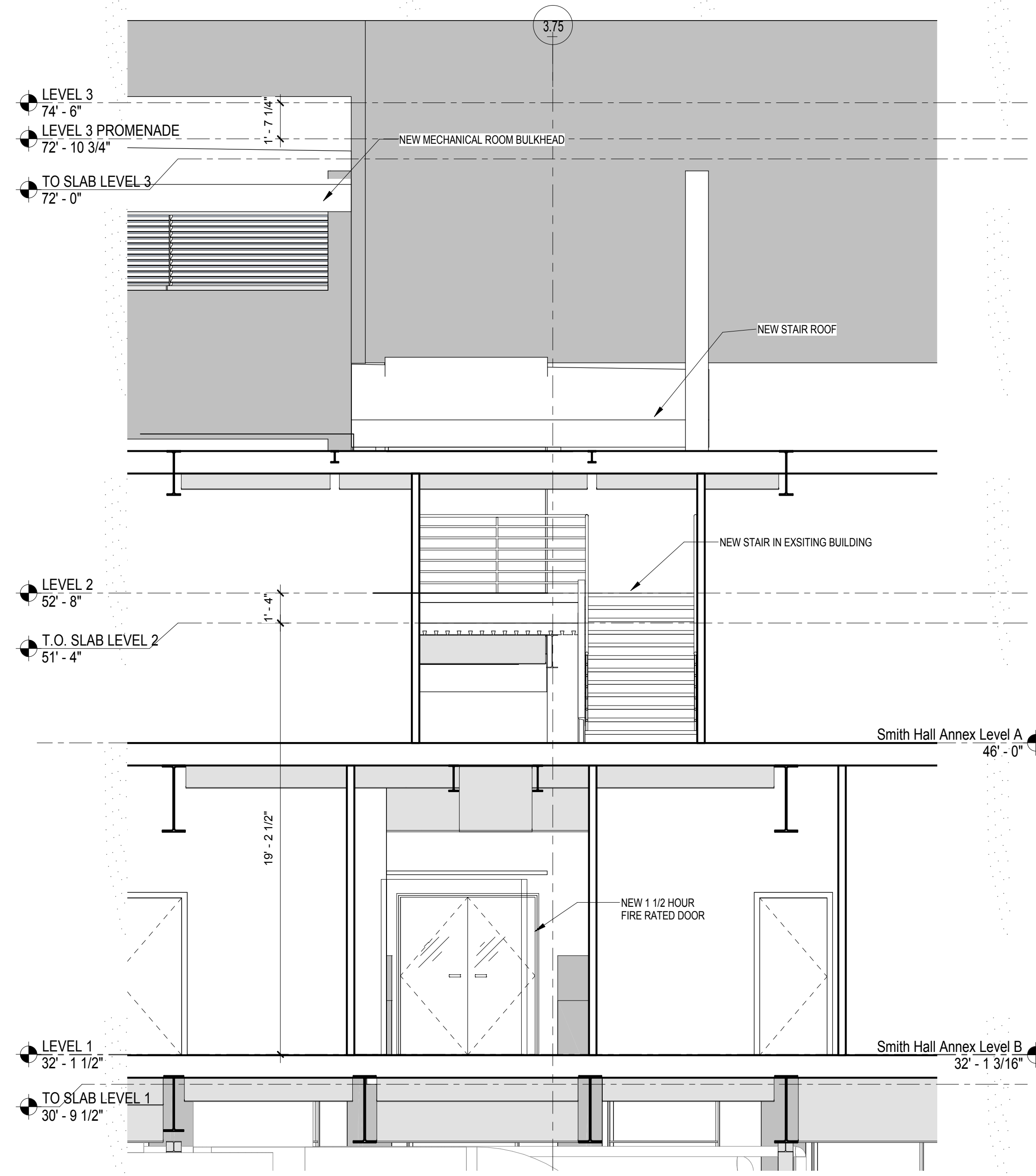
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DRAWING SCALE: 1/4" = 1'-0"
PROJECT PHASE: CONSTRUCTION DOCUMENTS

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Sheet 141 of 315

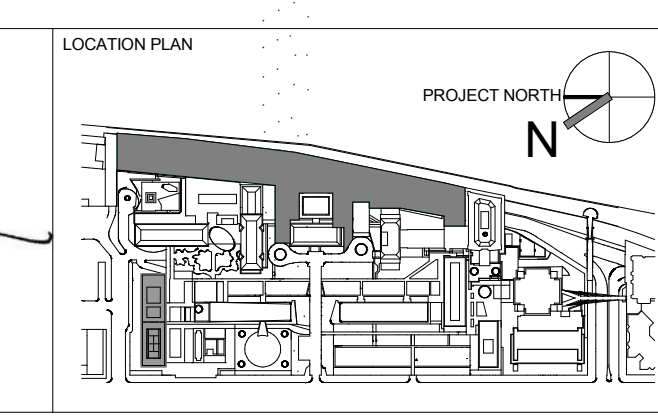
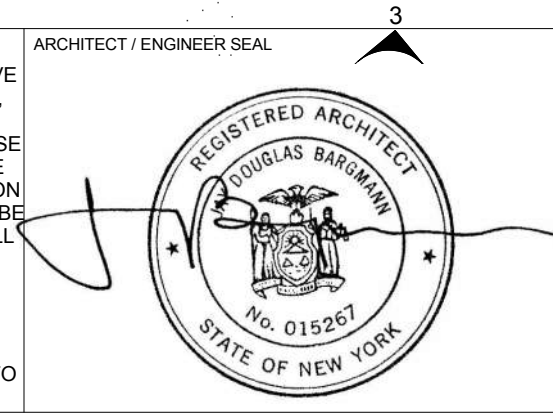
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ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060
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1	PROGRESS SET	30-OCT-15	664.100	SECTION SMITH HALL ANNEX CONNECTION
2	DEMOLITION PACKAGE	7-DEC-15		
3	DOB SUBMISSION -RB	16-DEC-15		

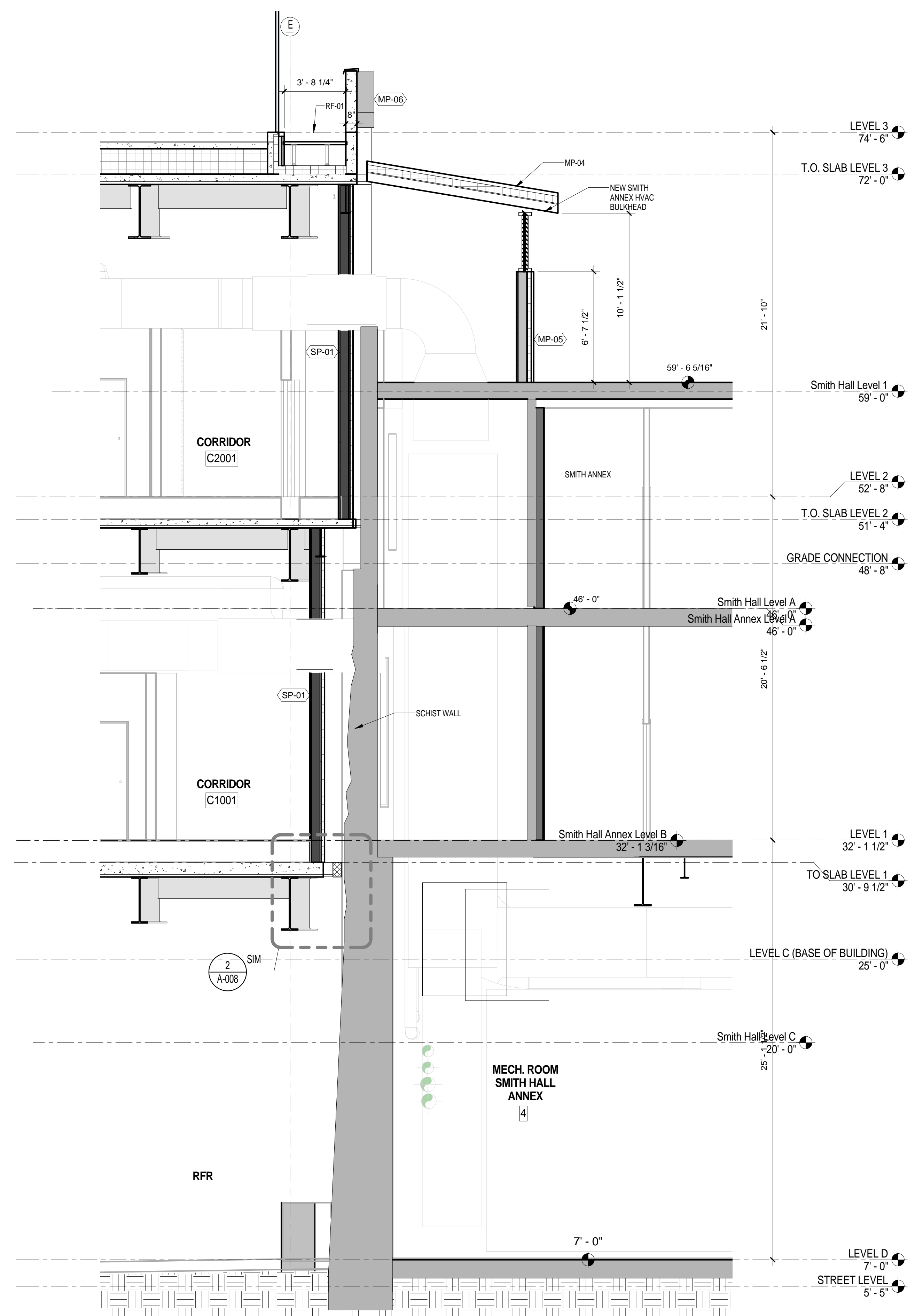
SECTION SMITH HALL ANNEX CONNECTION

DRAWING NUMBER: **A-336.00**

DATE: 04/30/2016

NYC Development Hub

Sheet 142 of 315



Shauqat Shaikh
Shauqat Shaikh
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NYC Development Hub

SECTION AT SMITH HALL ANNEX MECHANICAL ROOM
 SCALE: 1/4" = 1'-0" **1**

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 NEW YORK, NY 10013
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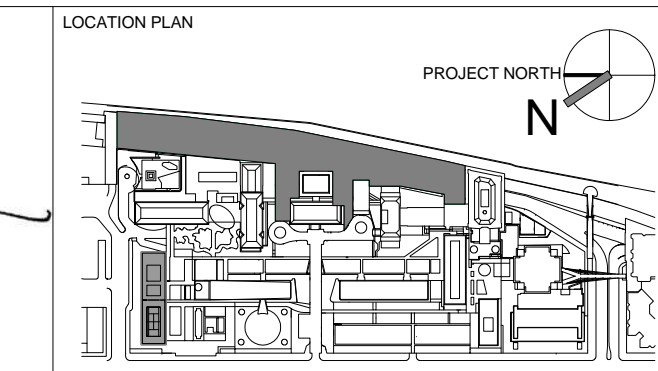
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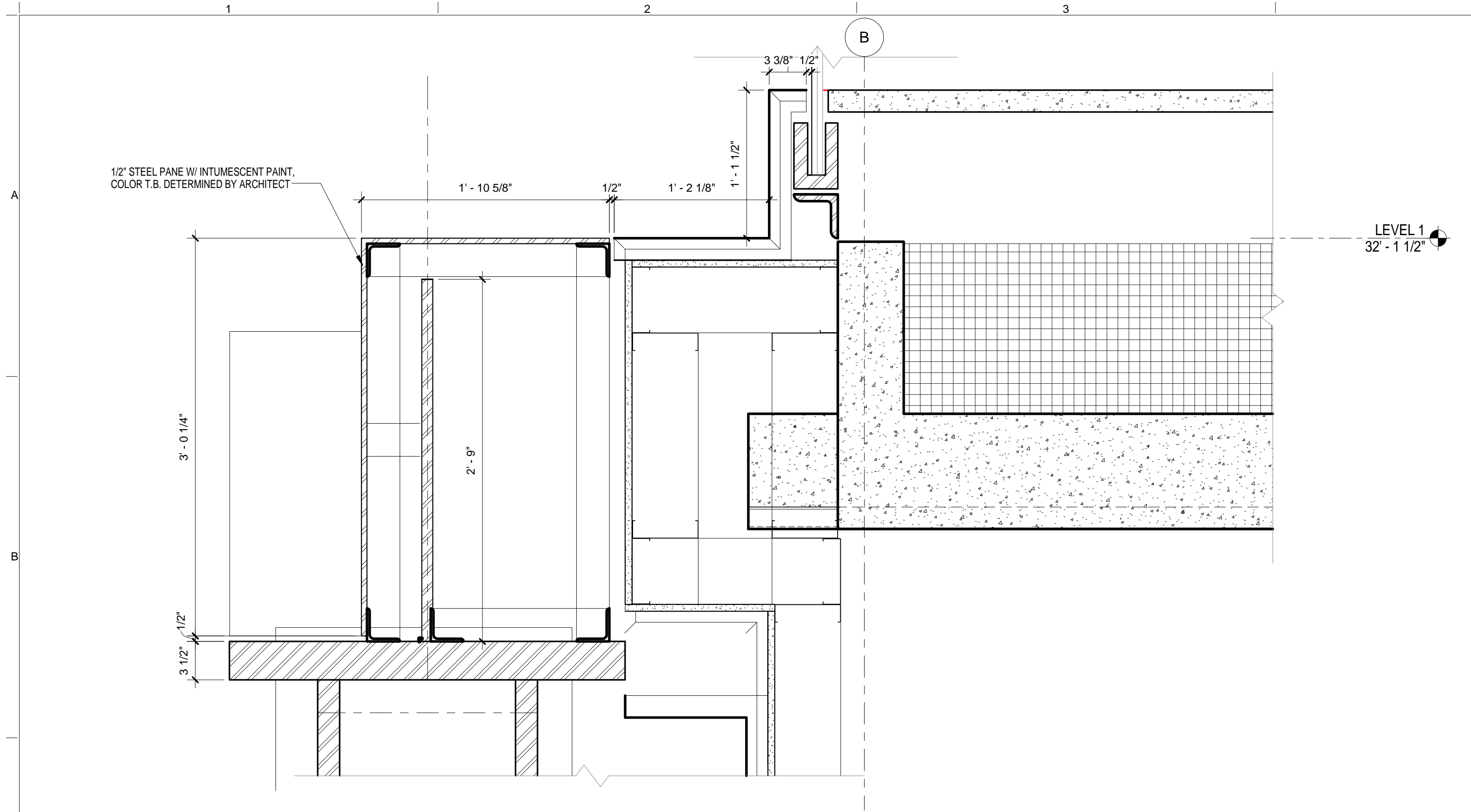


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2	DOB SUBMISSION -RB	16-DEC-15	

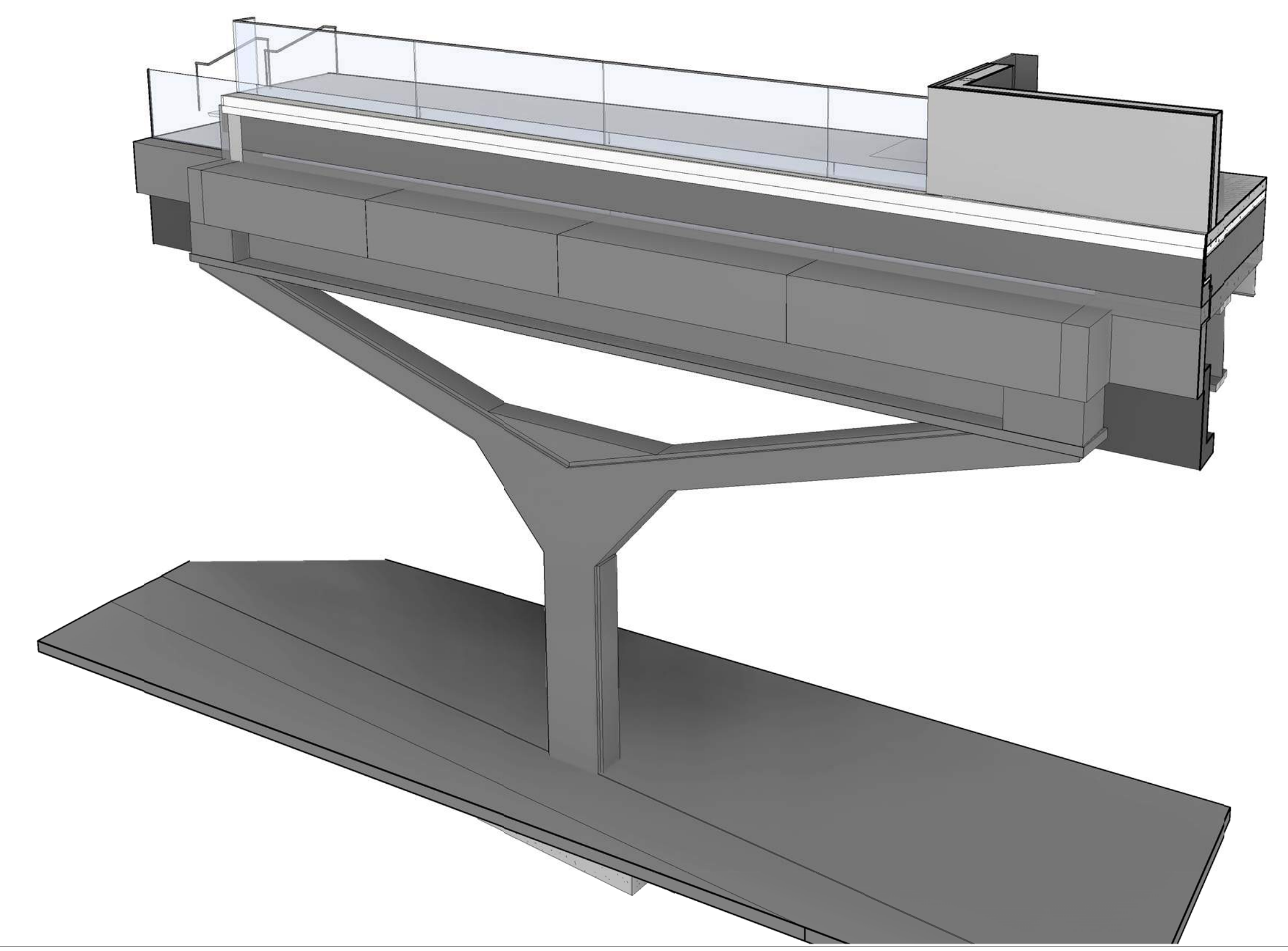
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 SECTION AT SMITH HALL ANNEX MECHANICAL SHAFT

DRAWING NUMBER
A-337.00
 Sheet 143 of 315

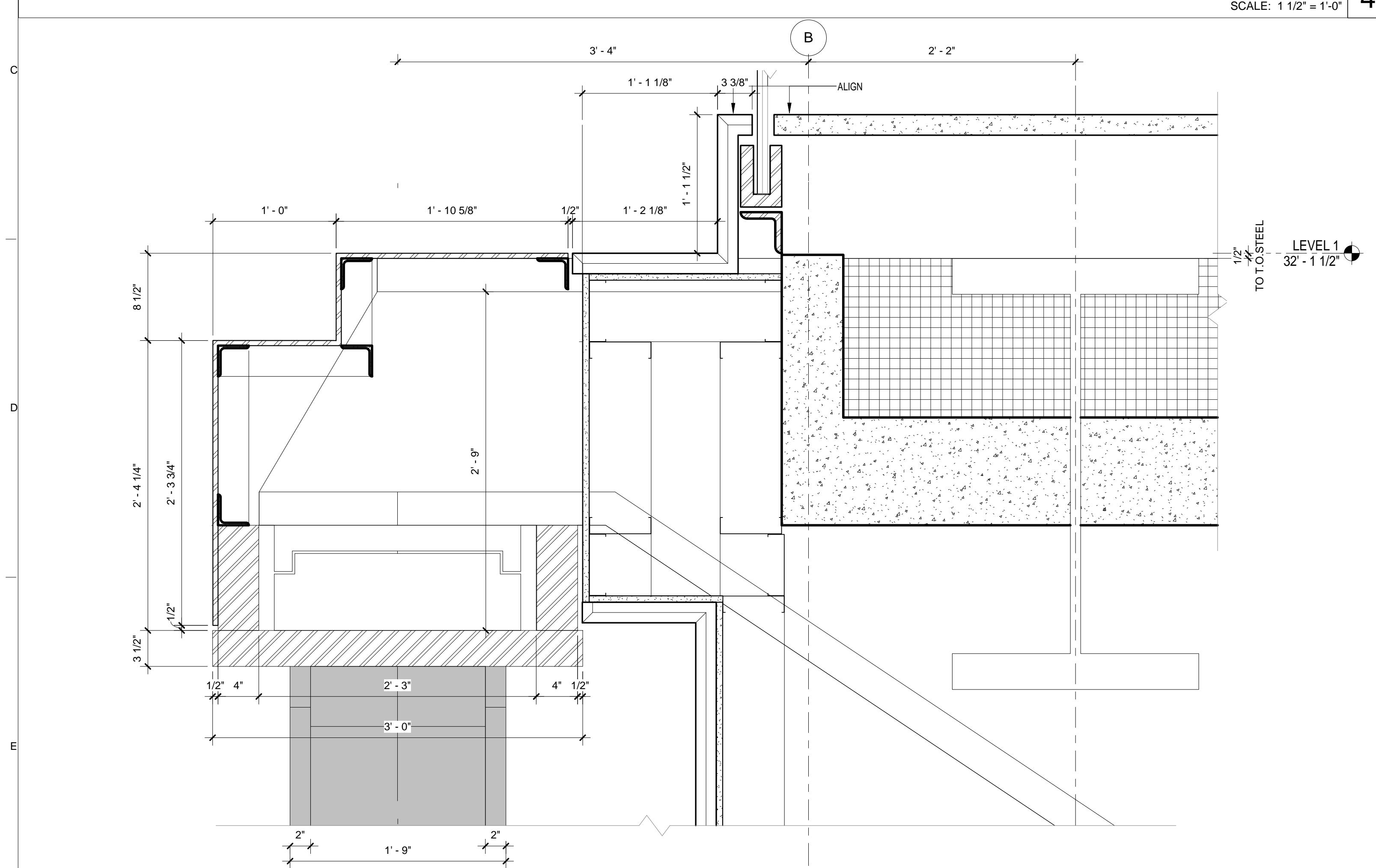
DOB REV
 CONSTRUCTION DOCUMENTS



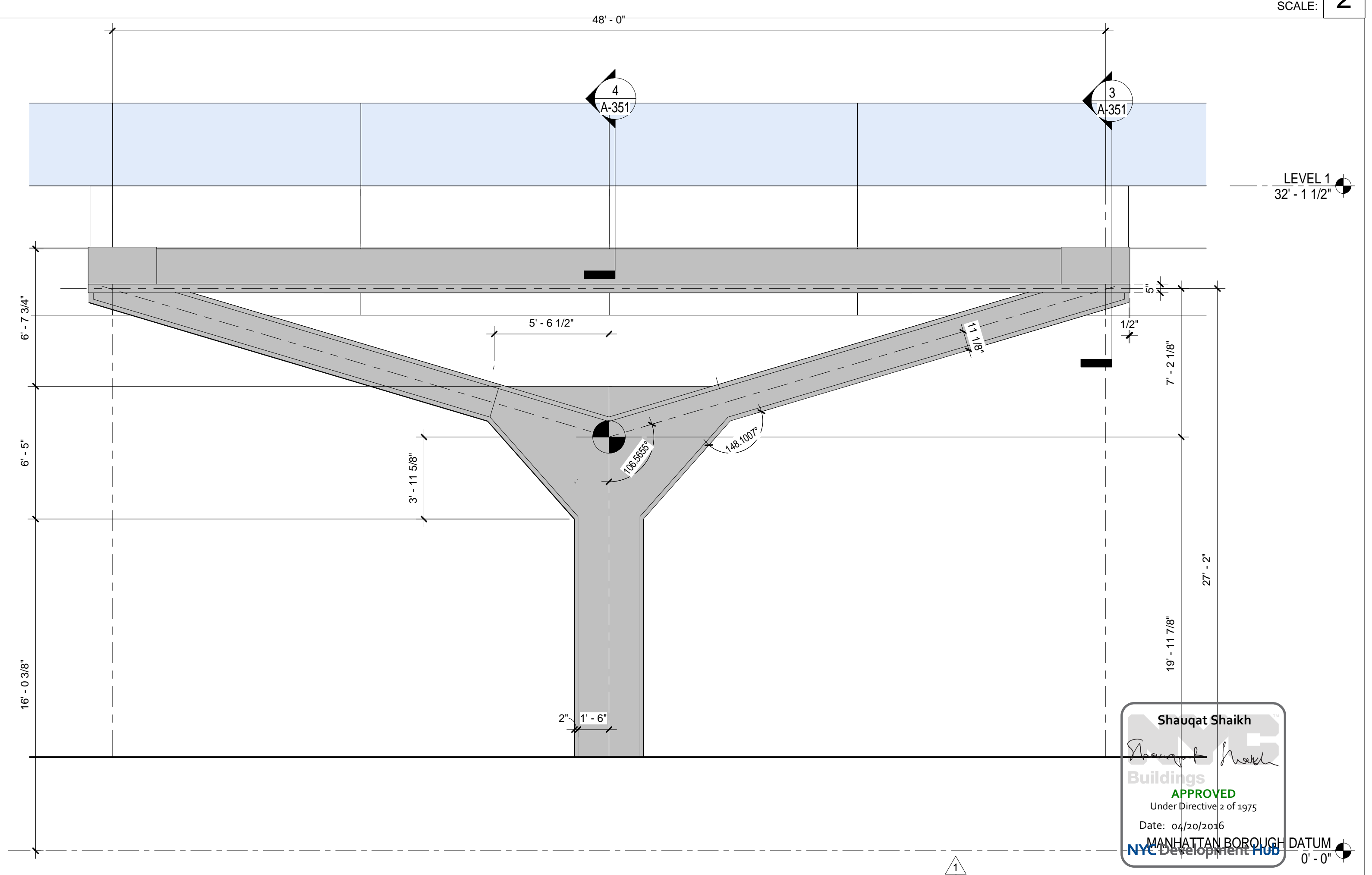
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SCALE: 1 1/2" = 1'-0" 4



'Y' COLUMN PERSPECTIVE
SCALE: 1/4" = 1'-0" 2



SECTION BEAM 'Y' COLUMN TYPE 1
SCALE: 1 1/2" = 1'-0" 3



EXTERIOR PANEL SYSTEM - 'Y' COLUMN ELEVATION
SCALE: 1/4" = 1'-0" 1

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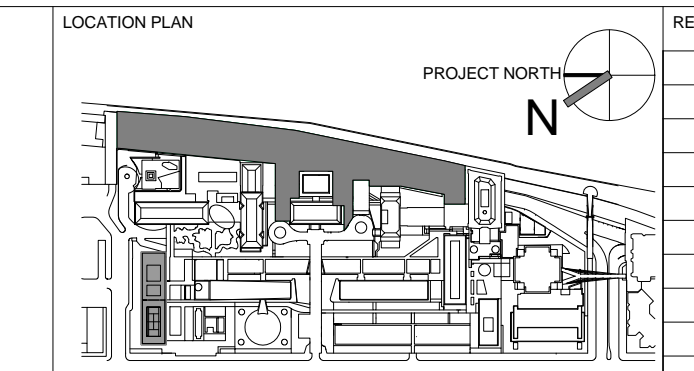
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
1	DESIGN DEVELOPMENT	27-FEB-15	664.100
2	PROGRESS SET	30-OCT-15	
3	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
Y COLUMN @ COL 1&2

DRAWING NUMBER
A-351.00

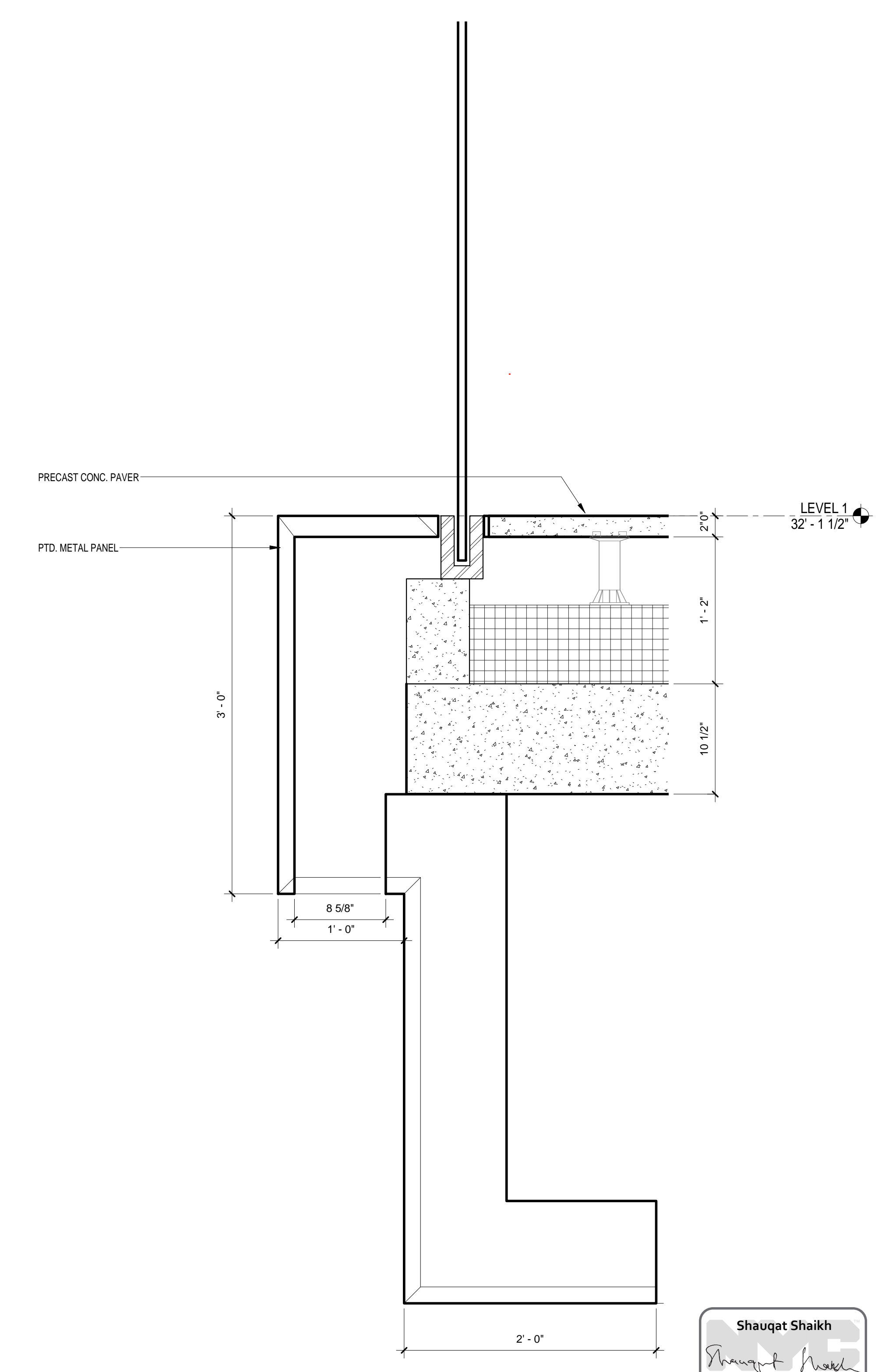
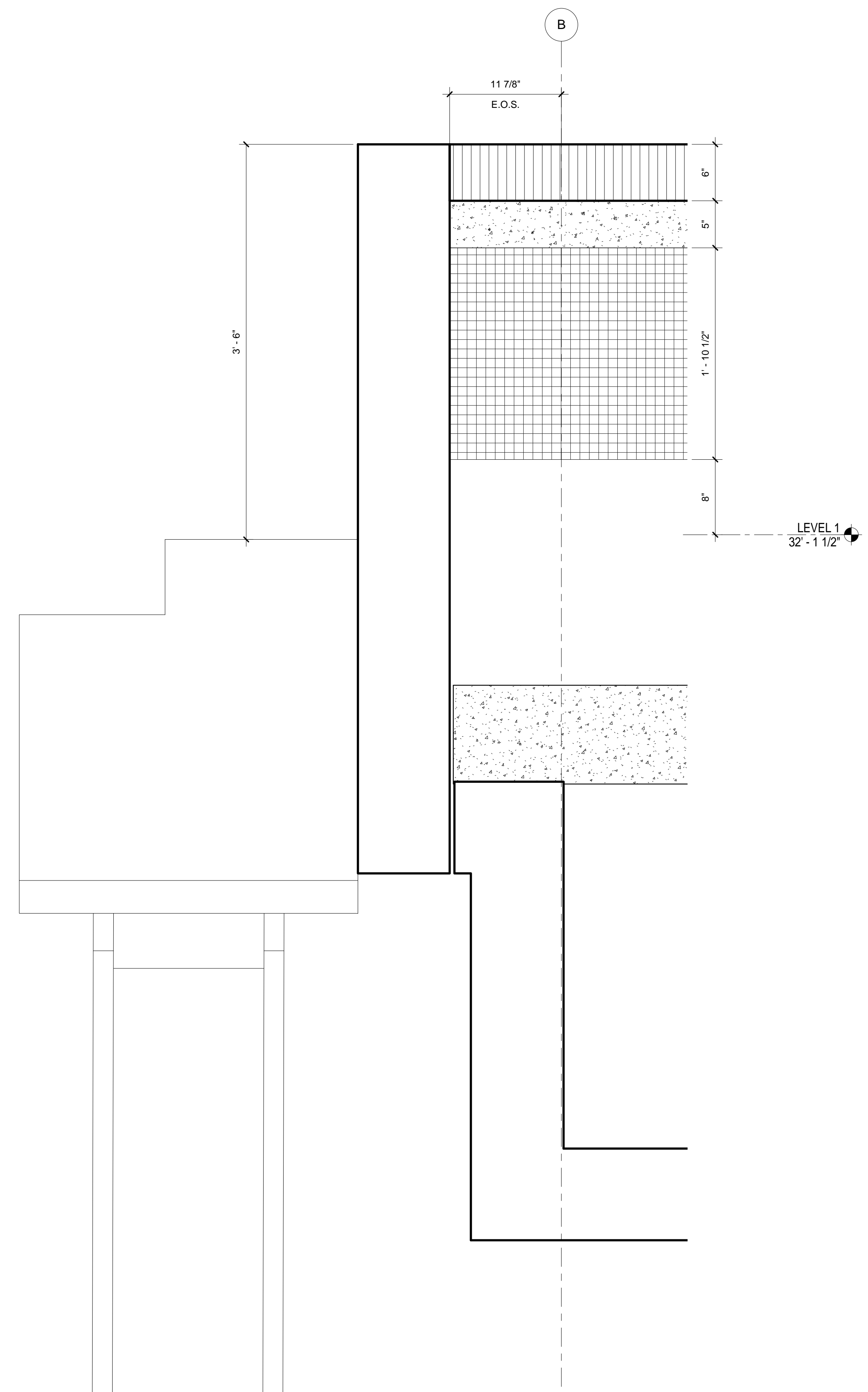
DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DATE
04/20/2016

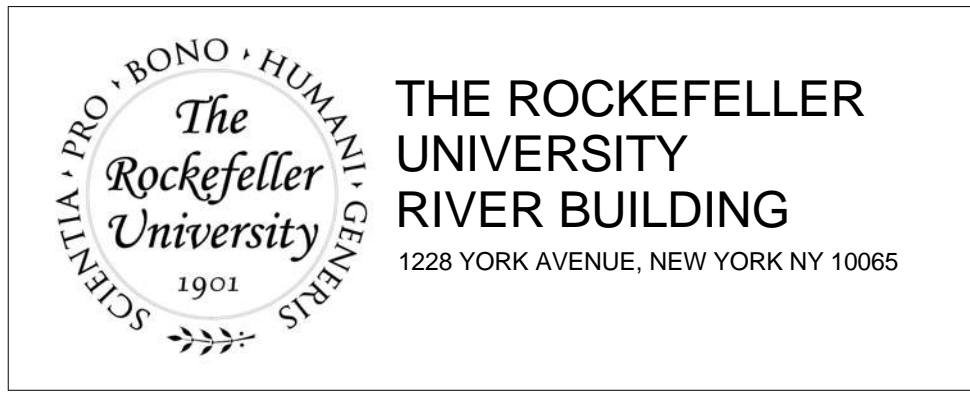
MANHATTAN BOROUGH DATUM
0'-0"



SECTION GUARD RAIL @ ICC
SCALE: 1 1/2" = 1'-0" 3

SECTION GUARD RAIL PANEL
SCALE: 1 1/2" = 1'-0" 1

Shauqat Shaikh
Shauqat Shaikh
Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub



ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
T. 212.924.5060 F. 212.924.5858

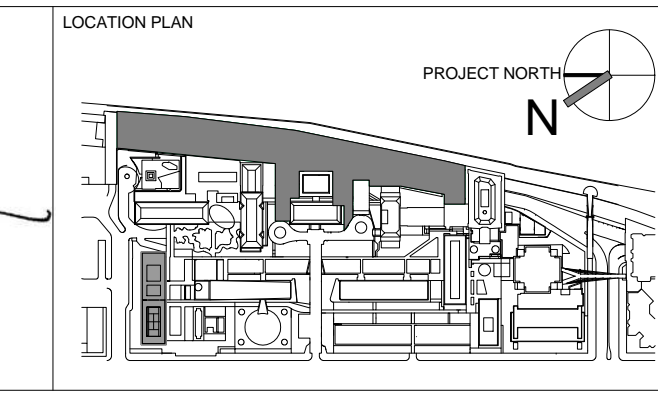
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL.
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
158 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



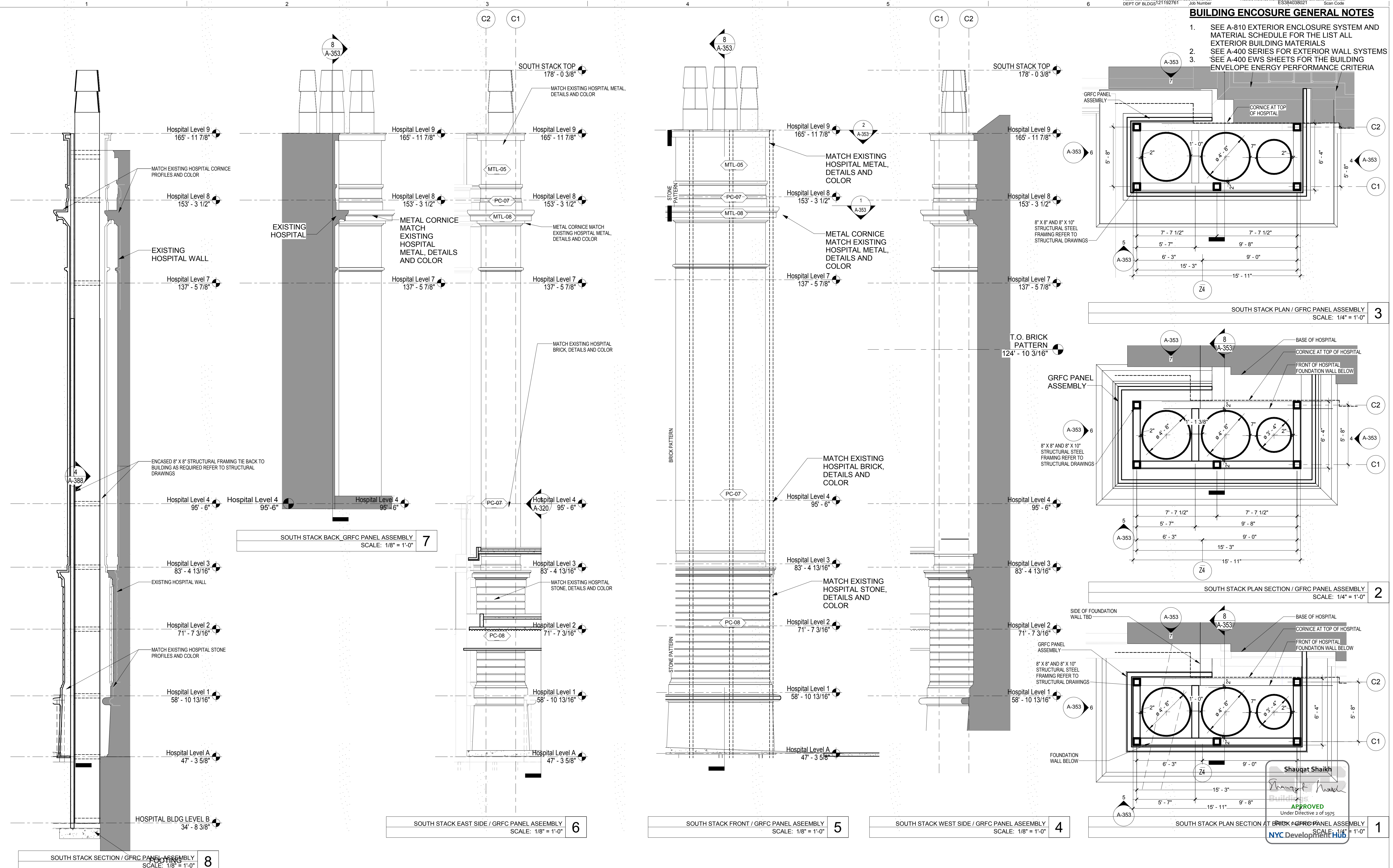
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1	PROGRESS SET	30-OCT-15	664.100	ICC TERRACE GUARDRAIL
2	DOB SUBMISSION -RB	16-DEC-15		

DRAWING SIZE: 24" x 36"
DRAWING SCALE: 1 1/2" = 1'-0"
PROJECT PHASE: CONSTRUCTION DOCUMENTS

DRAWING NUMBER: A-352.00
Sheet 145 of 315
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BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060
CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10021 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.201.5790
SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248		DISCLAIMER / ENGINEER SEAL THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.

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--

LOCATION PLAN PROJECT NORTH

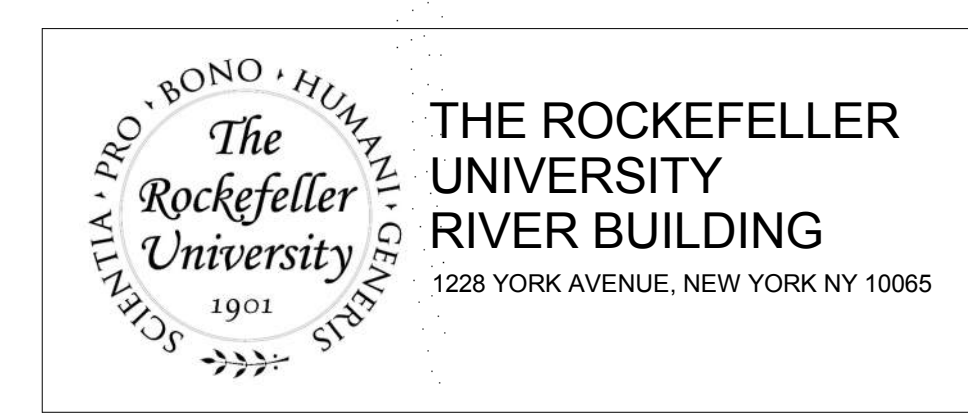
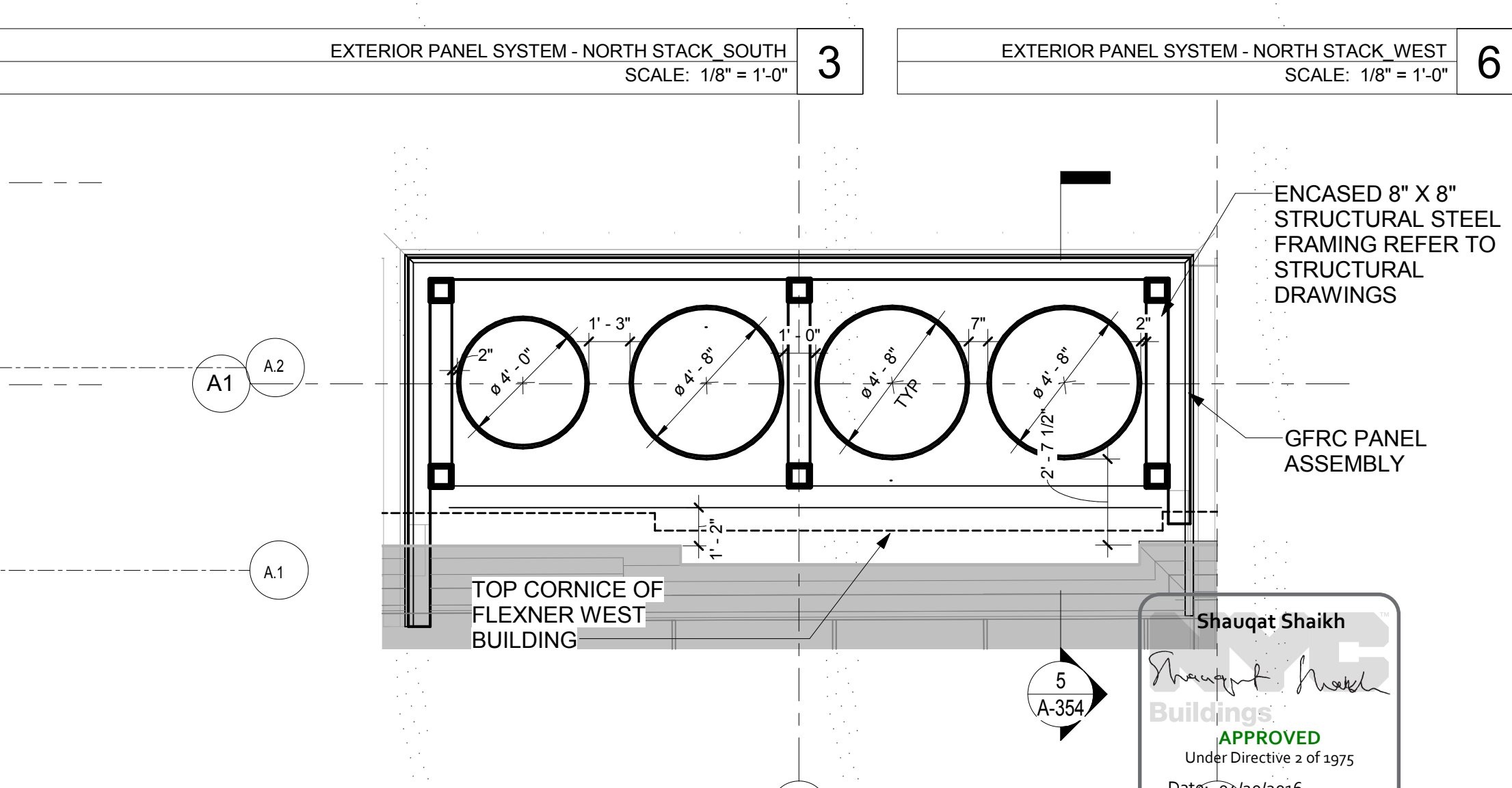
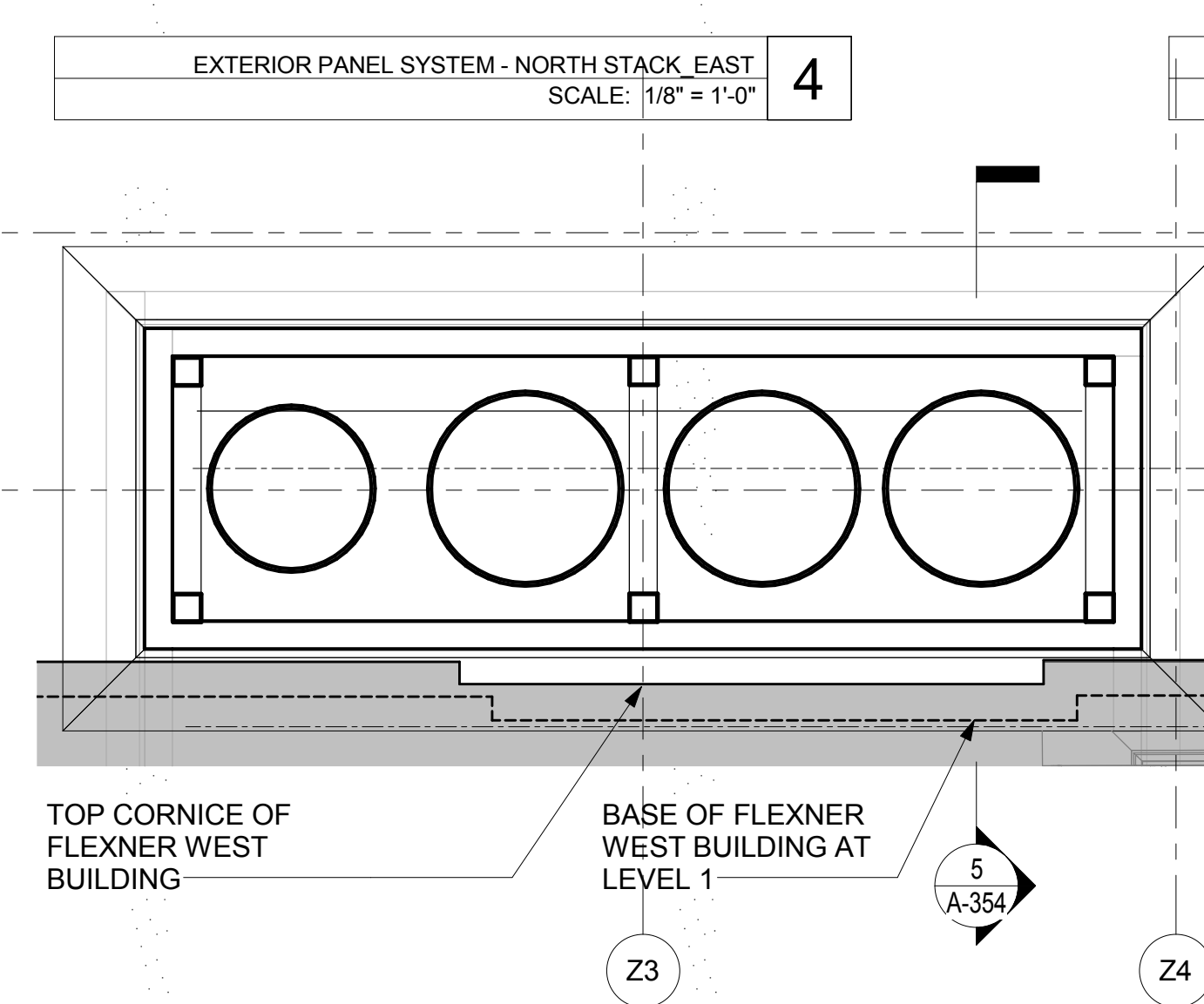
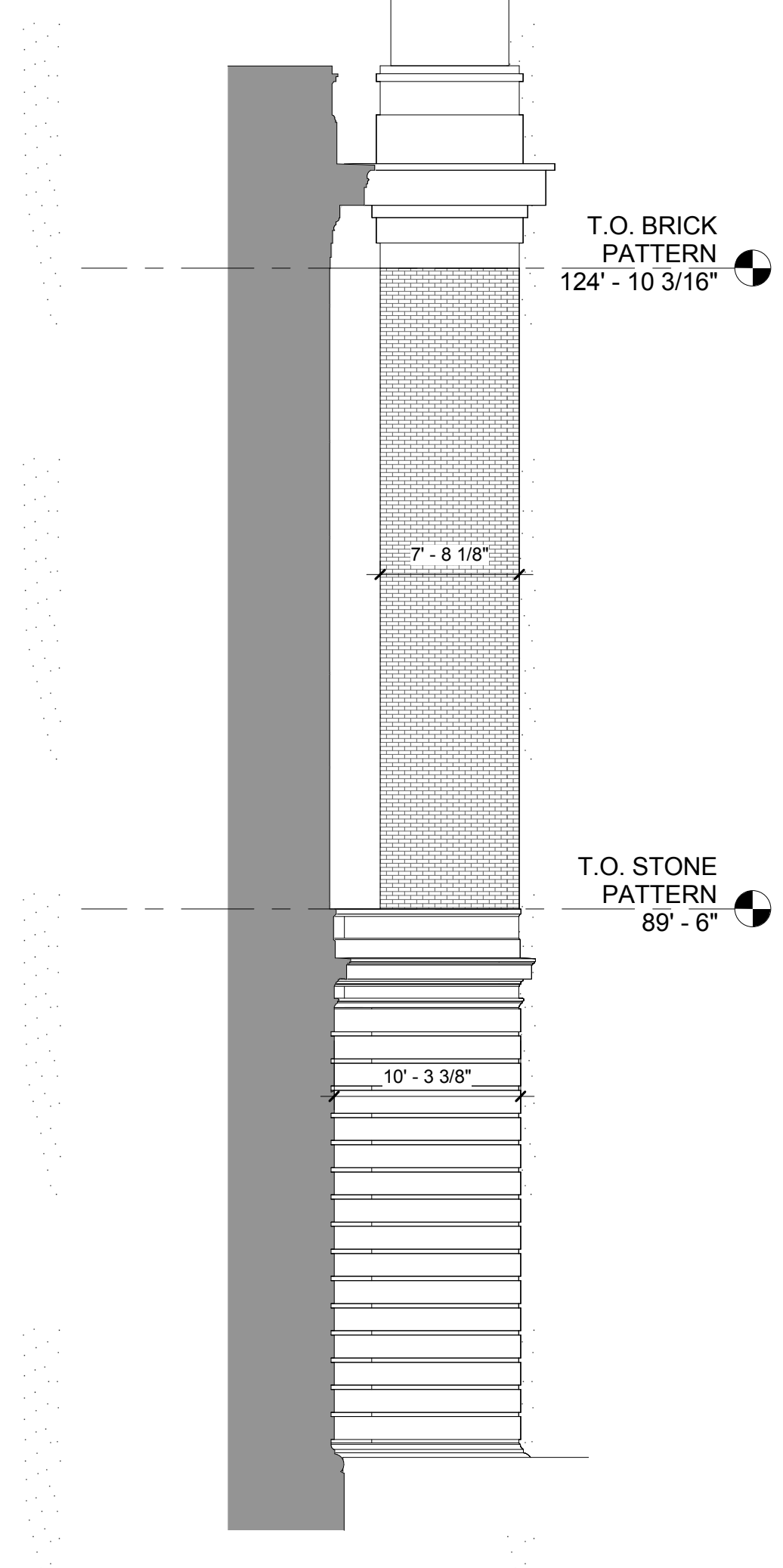
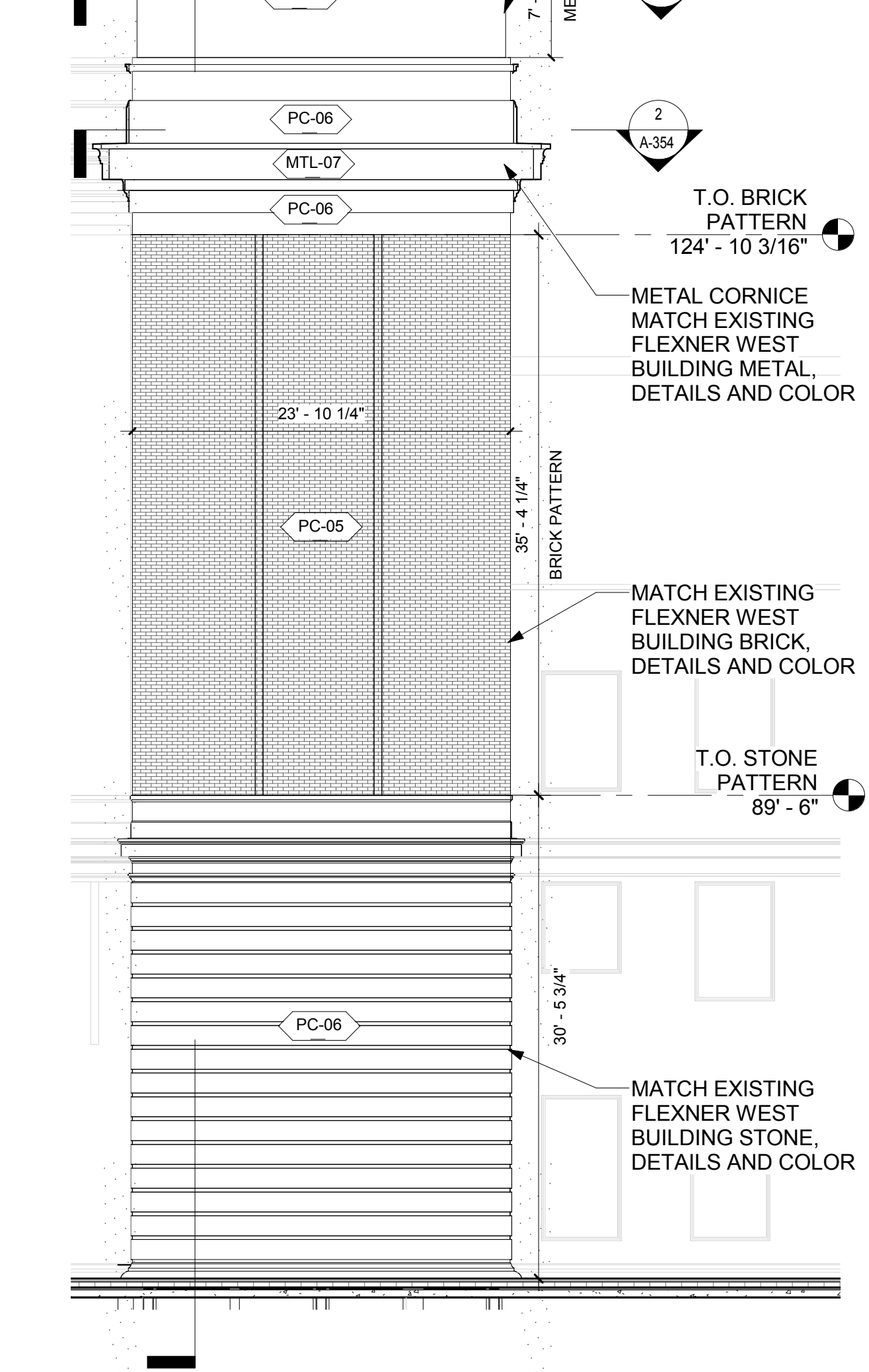
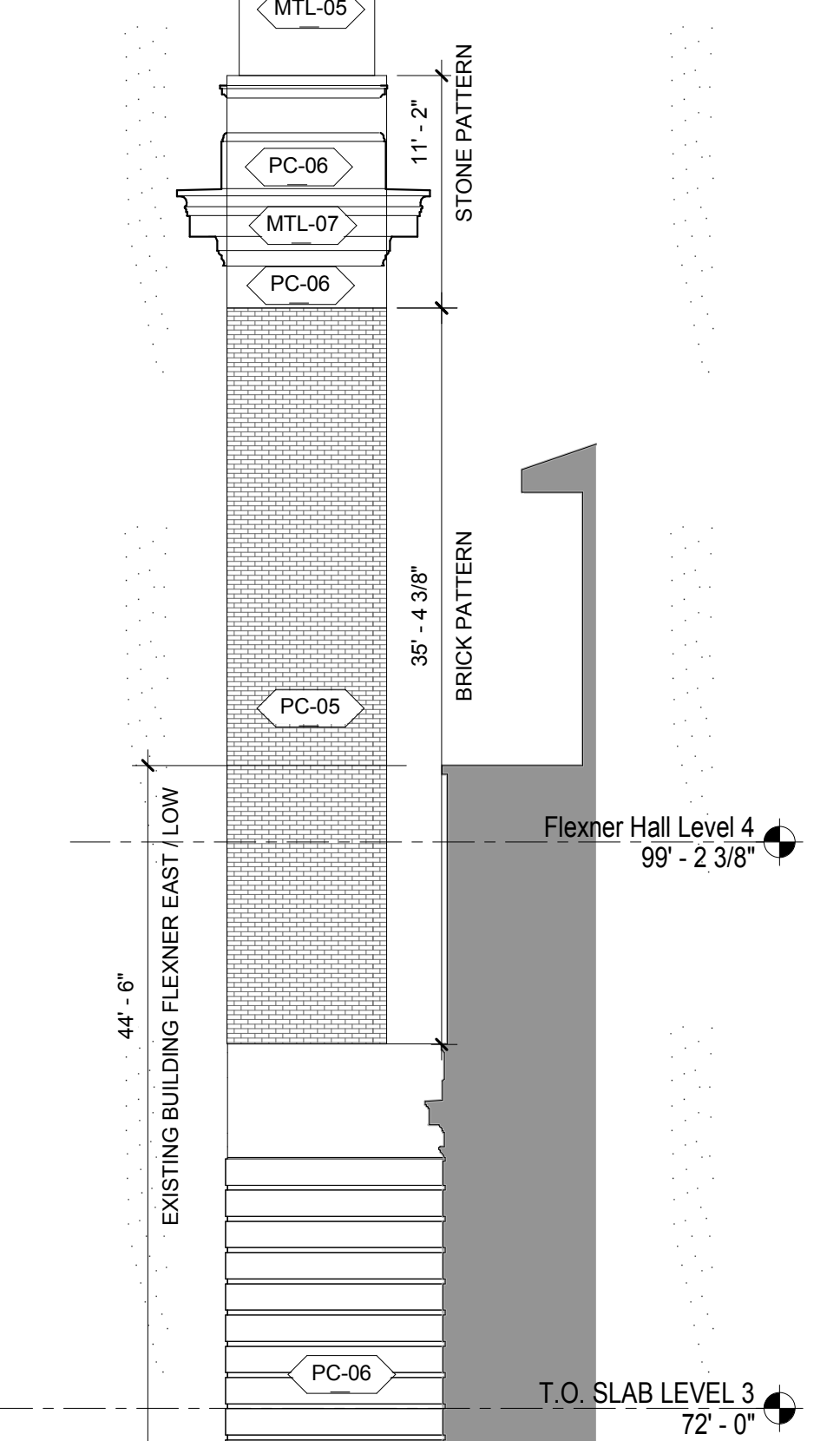
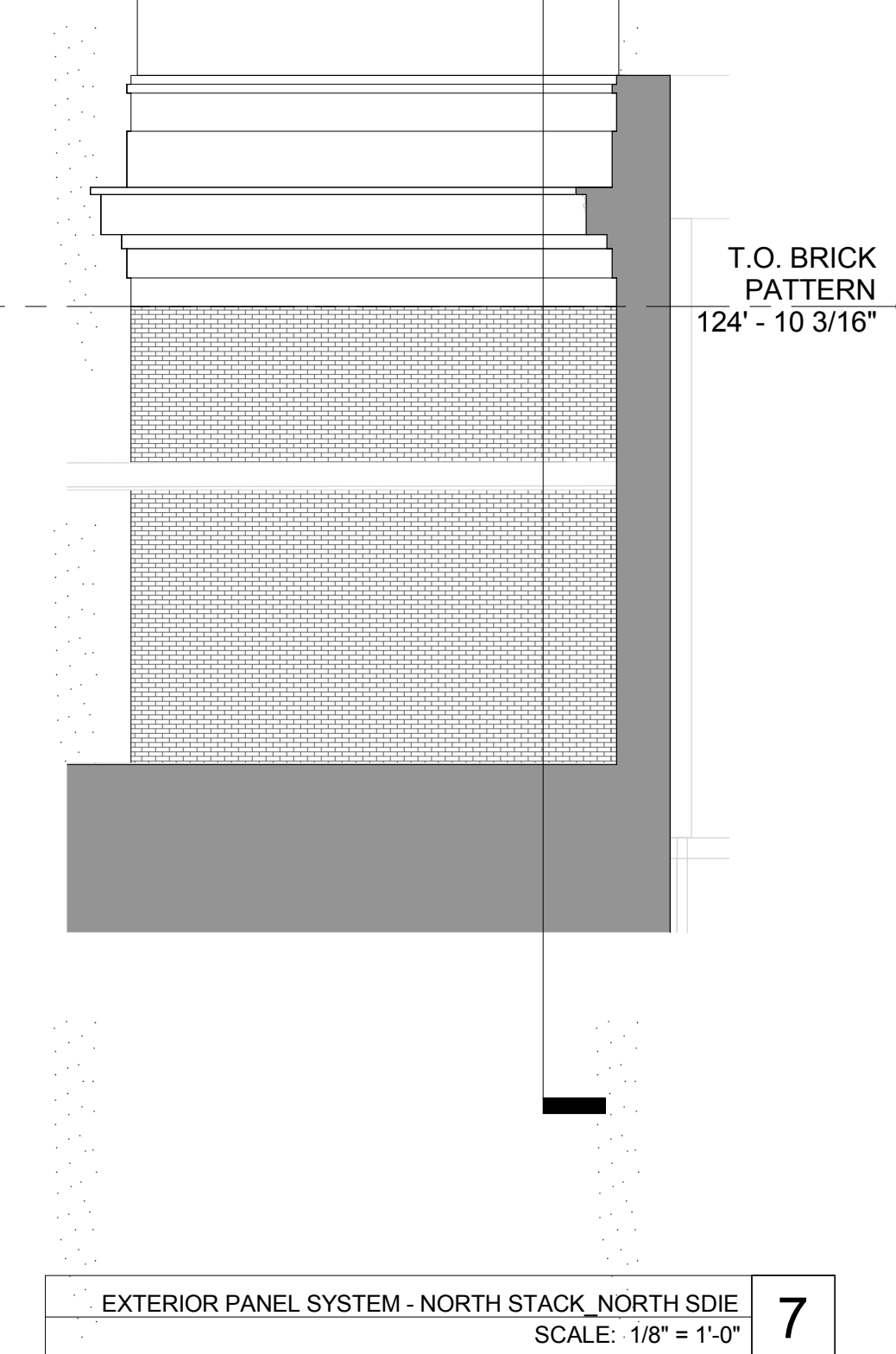
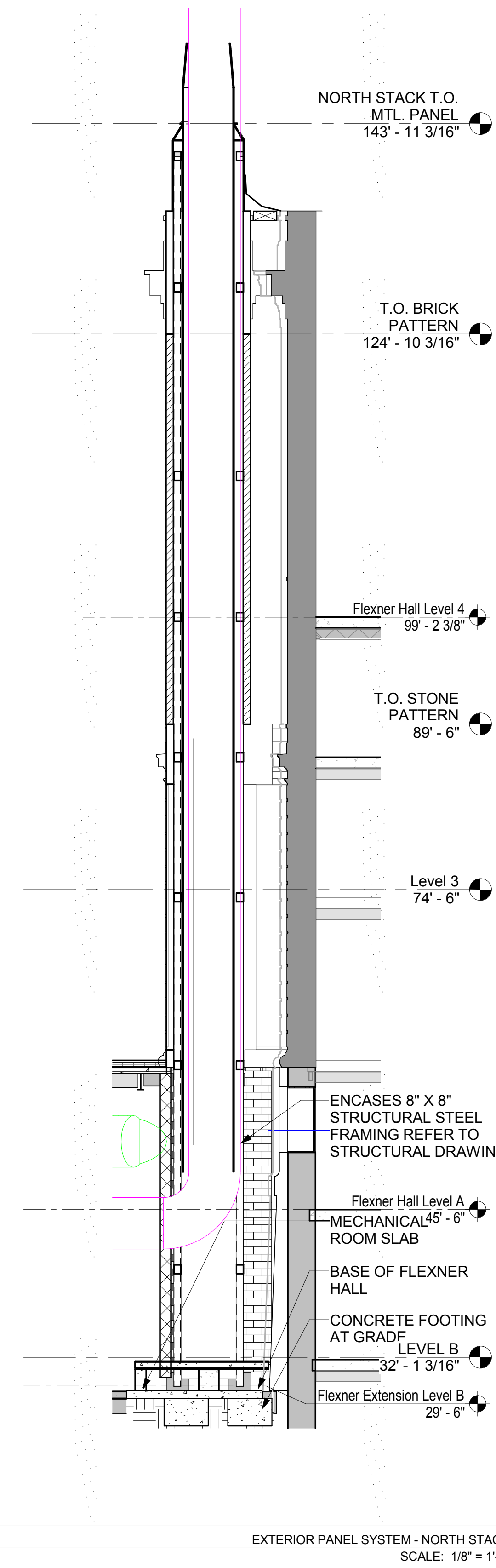
REV	DESCRIPTION	DATE
1	DESIGN DEVELOPMENT	27-FEB-15
2	PROGRESS SET	30-OCT-15
3	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER 664.100	DRAWING TITLE EXTERIOR PRECAST PANEL - SOUTH STACK
DRAWING SIZE 24" x 36"	DRAWING NUMBER A-353.00
DRAWING SCALE As Indicated	PROJECT PHASE CONSTRUCTION DOCUMENTS

Shaugat Shaikh
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 Under Directive 2 of 1975
 NYC Development Hub
 Sheet 146 of 315
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BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.
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ARCHITECT / ENGINEER SEAL [Seal Area]	LOCATION PLAN PROJECT NORTH
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	DESIGN DEVELOPMENT	27-FEB-15	664.100
2	PROGRESS SET	30-OCT-15	
3	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
 EXTERIOR PRECAST PANEL - NORTH STACK

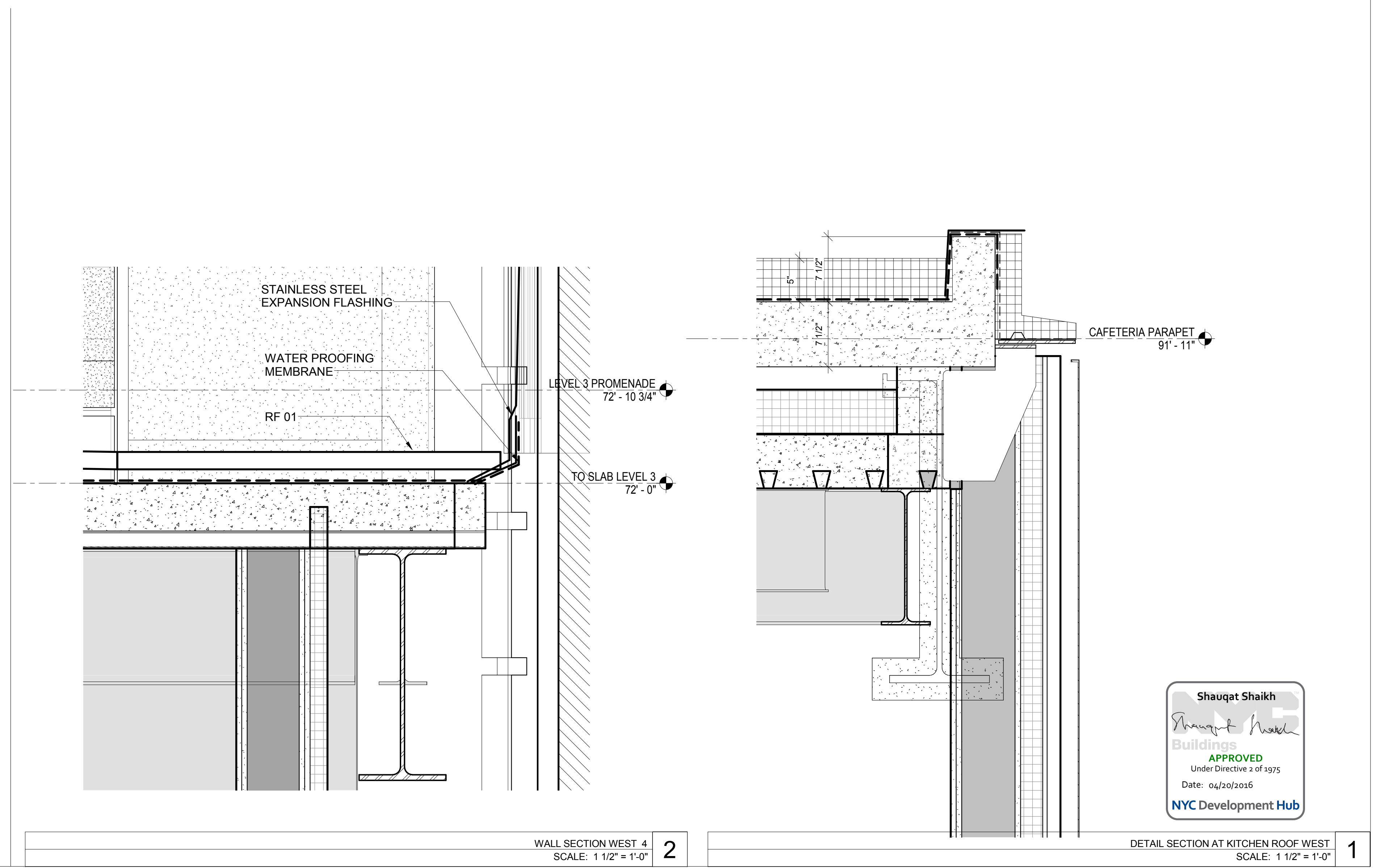
DRAWING NUMBER
 A-354.00

DRAWING SIZE
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DRAWING SCALE
 As indicated

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

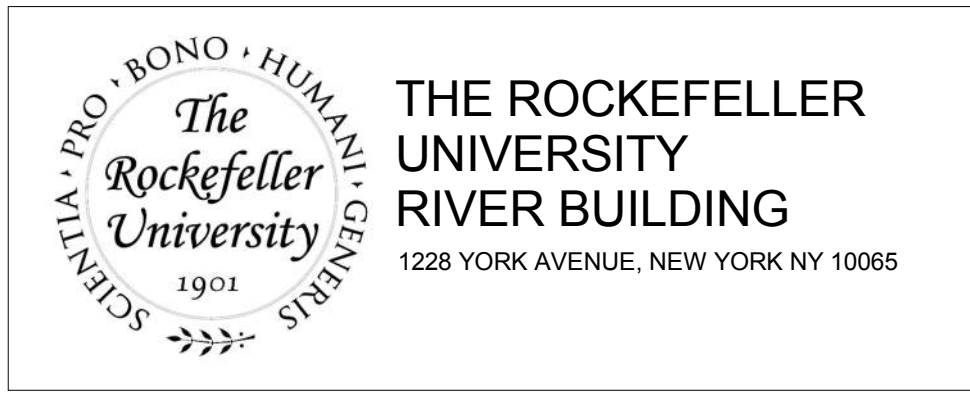
Sheet 147 of 315



WALL SECTION WEST 4
SCALE: 1 1/2" = 1'-0" 2

DETAIL SECTION AT KITCHEN ROOF WEST
SCALE: 1 1/2" = 1'-0" 1

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NEW YORK, NY 10013
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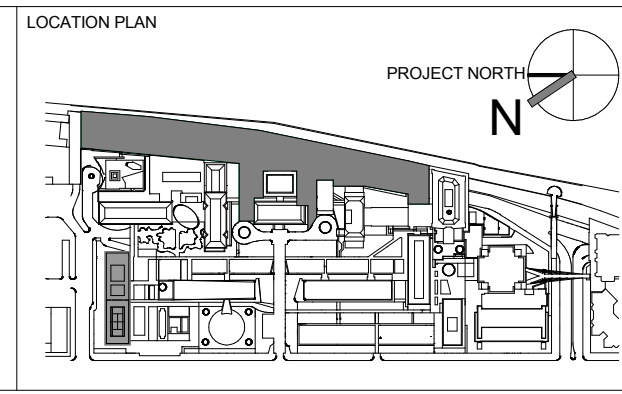
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
156 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

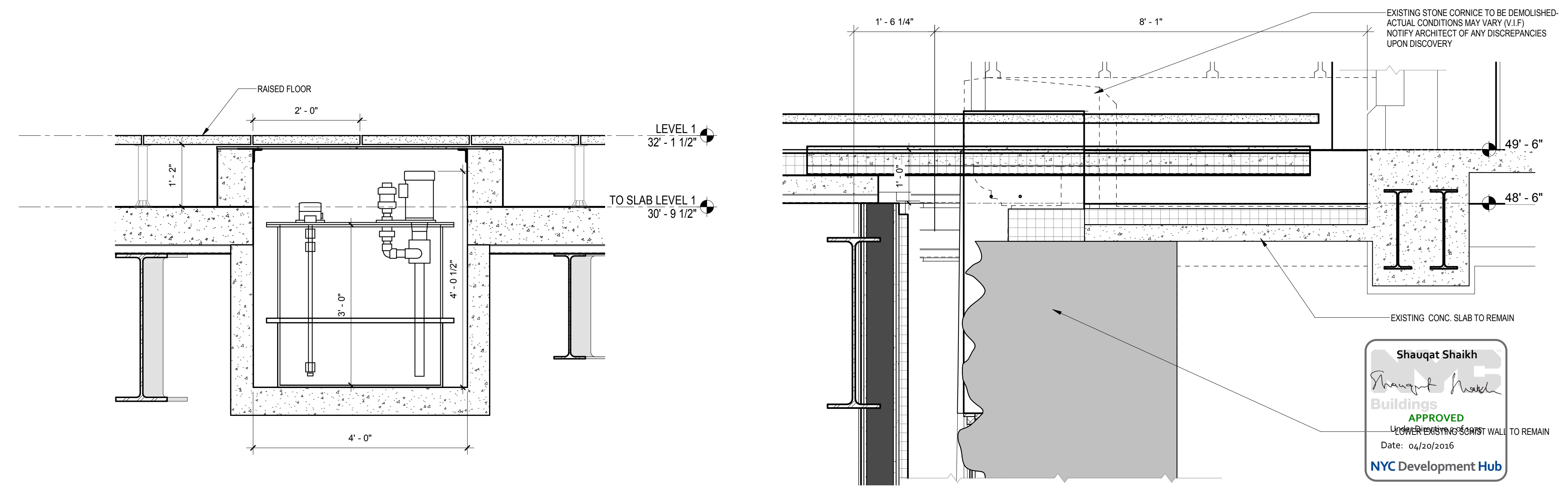
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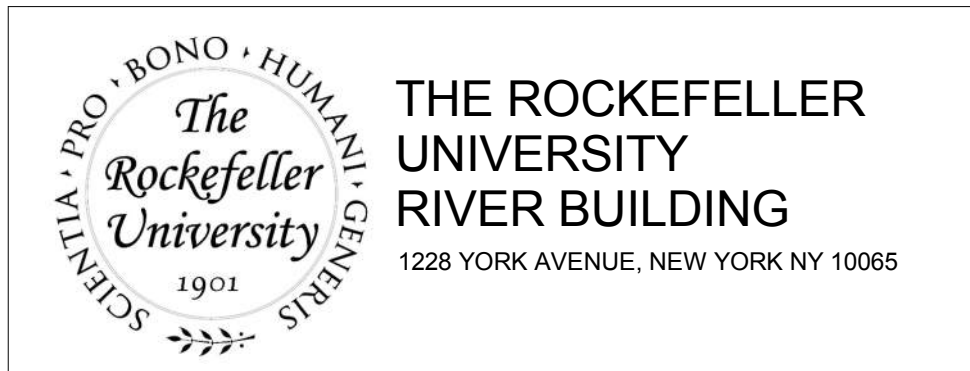
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2	PROGRESS SET	30-OCT-15	
3	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE	DRAWING NUMBER	DOB REV
EXTERIOR DETAILS	A-360.00	
	Sheet 148 of 315	



SECTION AT EJECTOR PIT
SCALE: 3/4" = 1'-0" 2

DETAIL SECTION AT WELCH HALL CONNECTION
SCALE: 3/4" = 1'-0" 1



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 RAFAEL VINOLY ARCHITECTS
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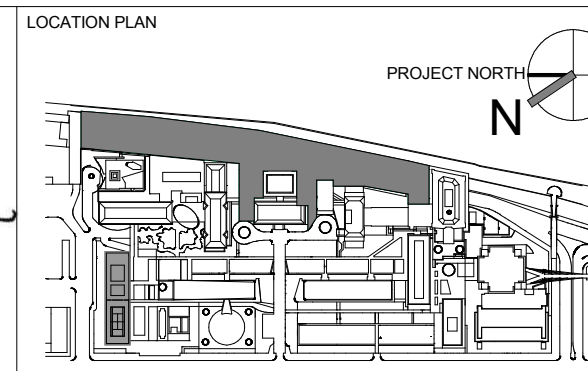
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 744 BROAD STREET
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 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL
 SHAUQAT SHAIKH
 REGISTERED ARCHITECT
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DEMOLITION PACKAGE	7-DEC-15	
3	DOB SUBMISSION -RB	16-DEC-15	

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DRAWING NUMBER
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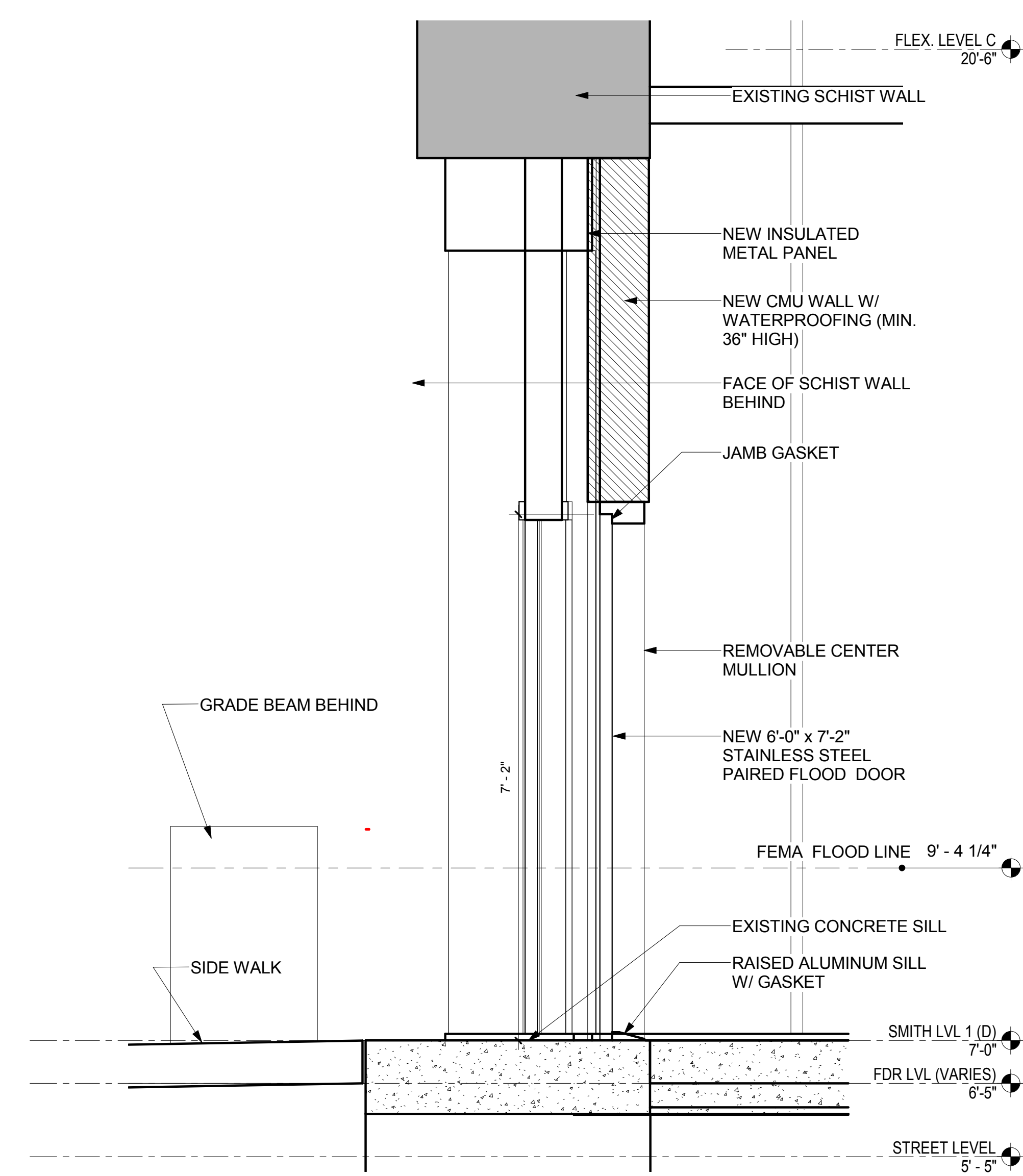
DRAWING SCALE
 3/4" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DATE
 04/30/2016

APPROVED
 Shauqat Shaikh
 Buildings
 NYC Development Hub

A
B
C
D
E



Shauqat Shaikh
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 Buildings
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SECTION AT FLOOD GATE
 SCALE: 3/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

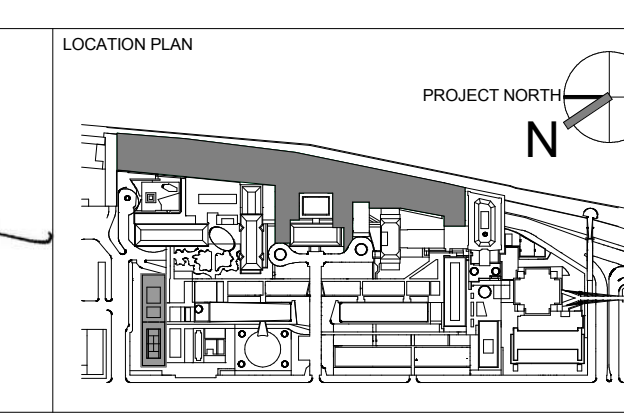
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 BARD, RAO + ATHANAS
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 T. 212.840.0060

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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
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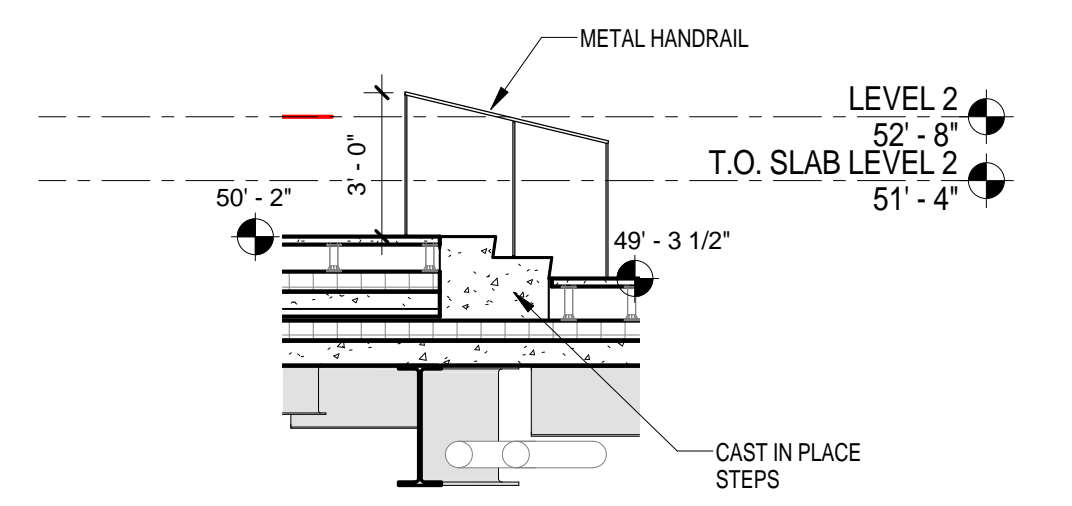
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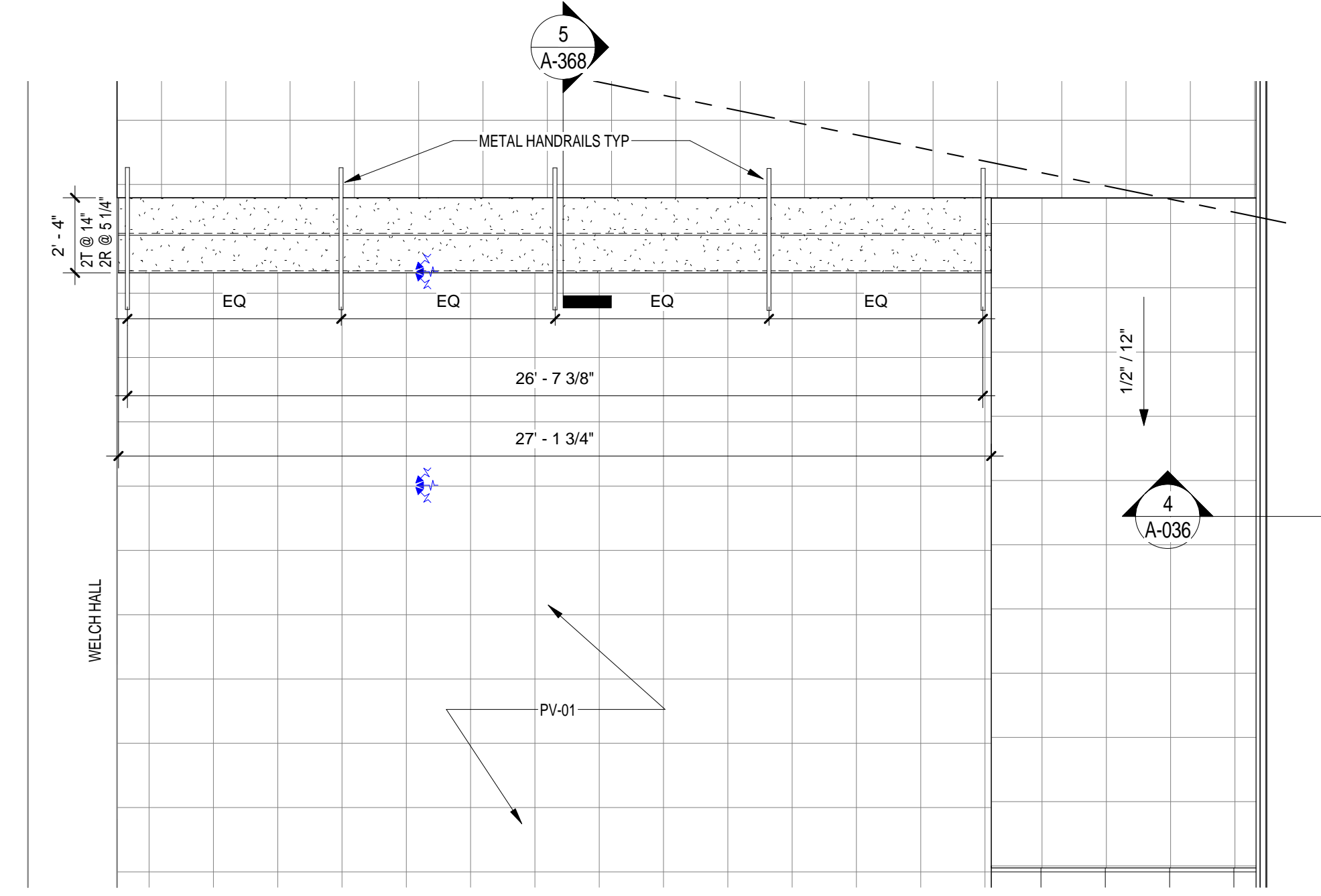
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Sheet 150 of 315

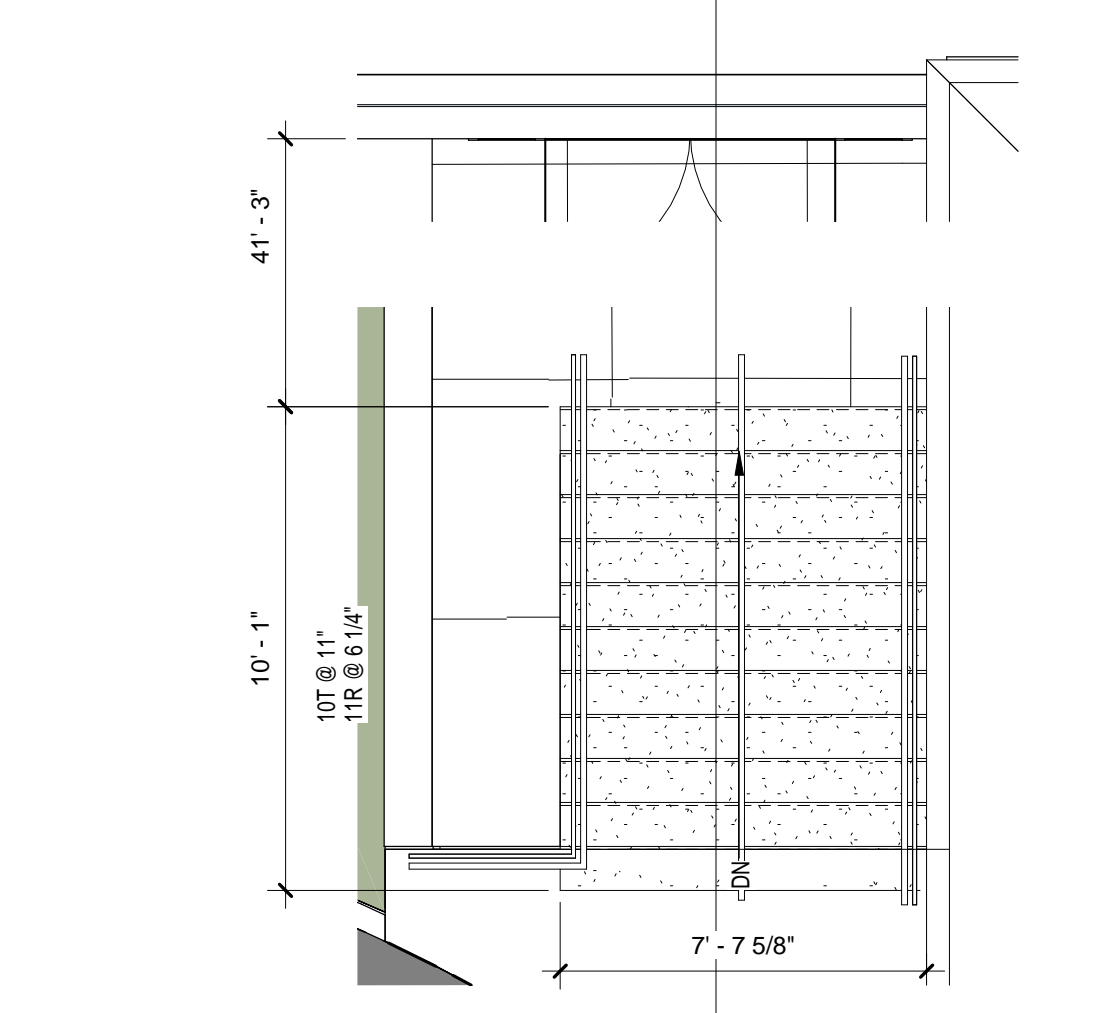
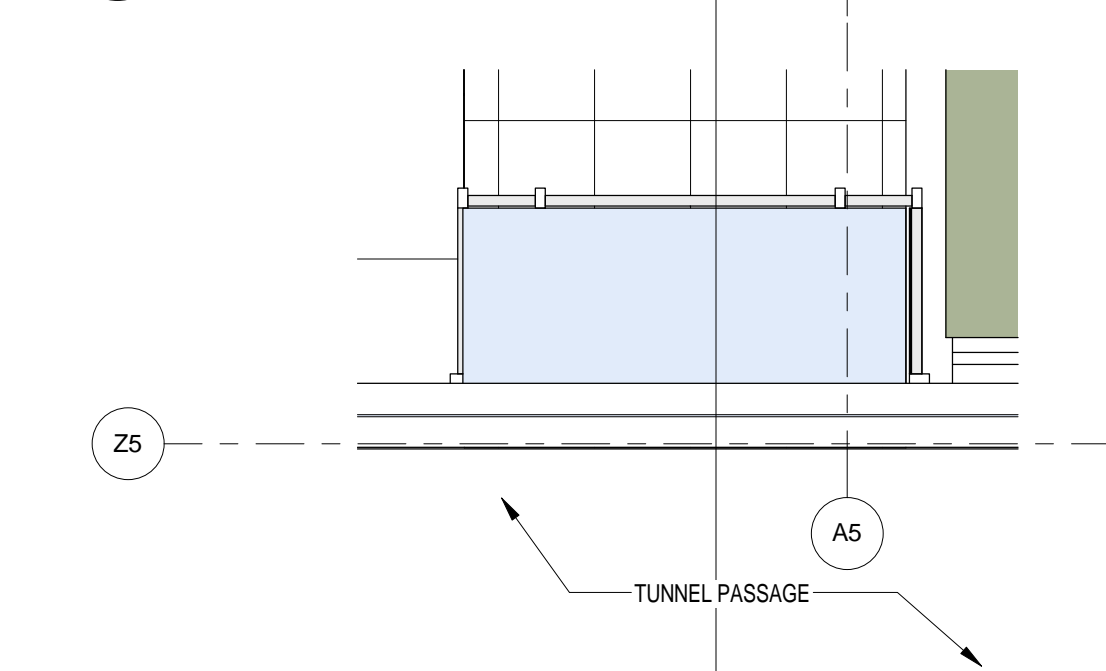
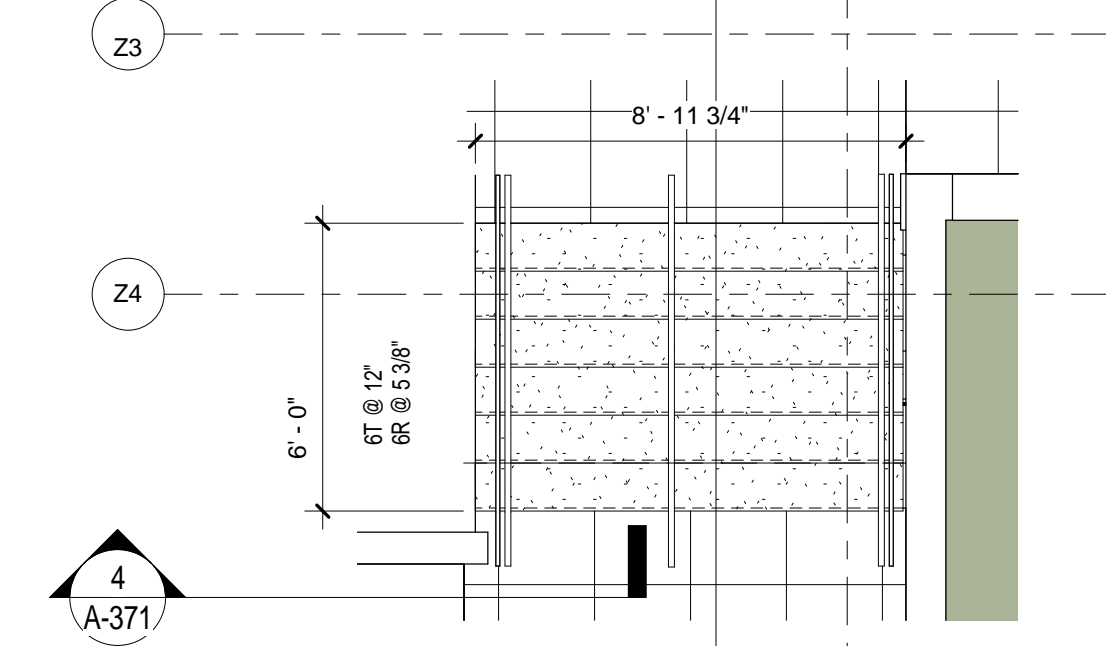
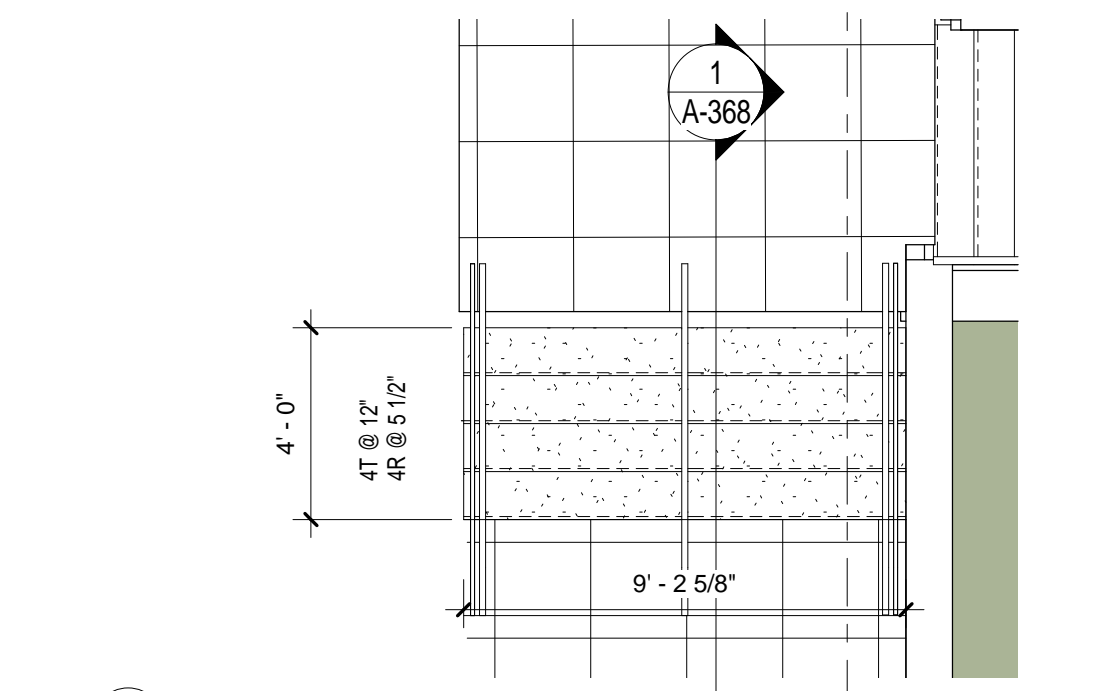
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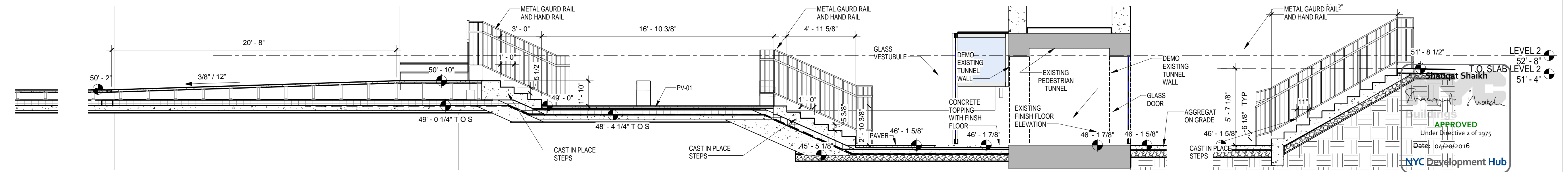
SECTION SOUTH STAIR WELCH PLAZA
SCALE: 1/4" = 1'-0" 5



SITE STAIR- SOUTH WELCH PLAZA
SCALE: 1/4" = 1'-0" 3



PLAN AT SITE STAIR NORTH
SCALE: 1/4" = 1'-0" 2



SECTION AT NORTH SITE LEVELS
SCALE: 1/4" = 1'-0" 1

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ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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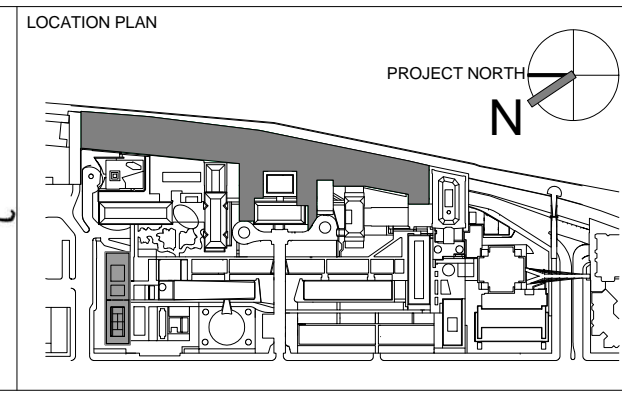
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
DORIS B. SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
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DRAWING SCALE
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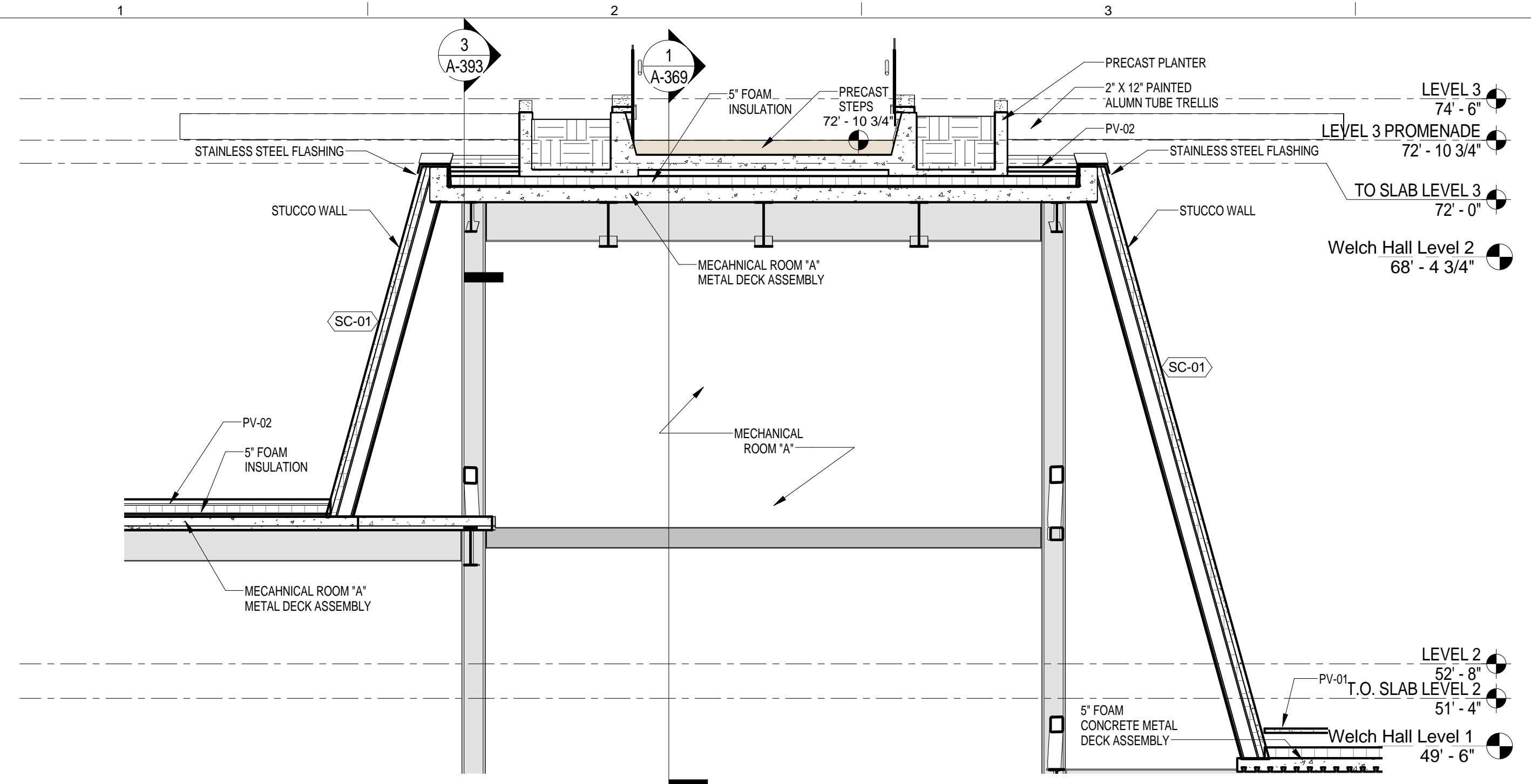
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
SITE ENTRANCE NORTH DETAILS

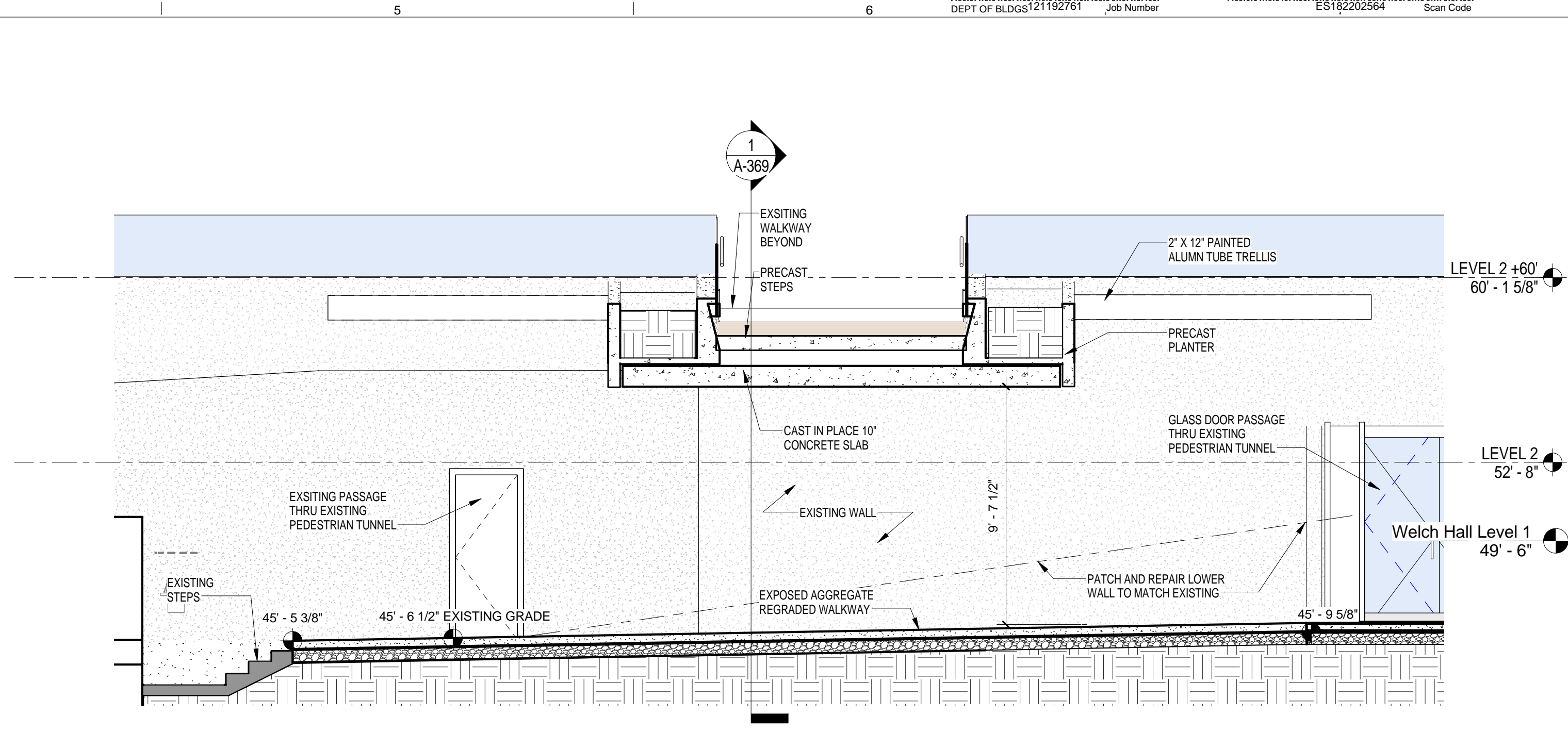
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DATE
06/30/2016

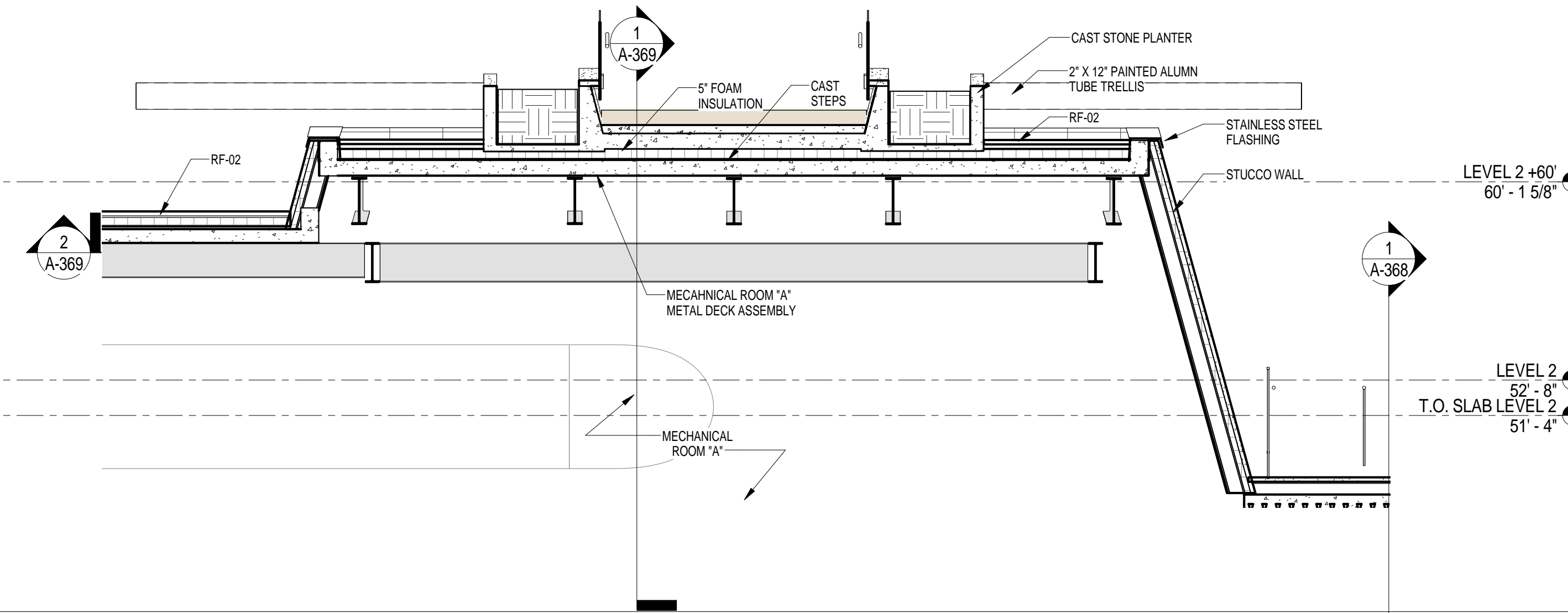
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Under Contractive 2 of 1975
Date: 06/30/2016
NYC Development Hub



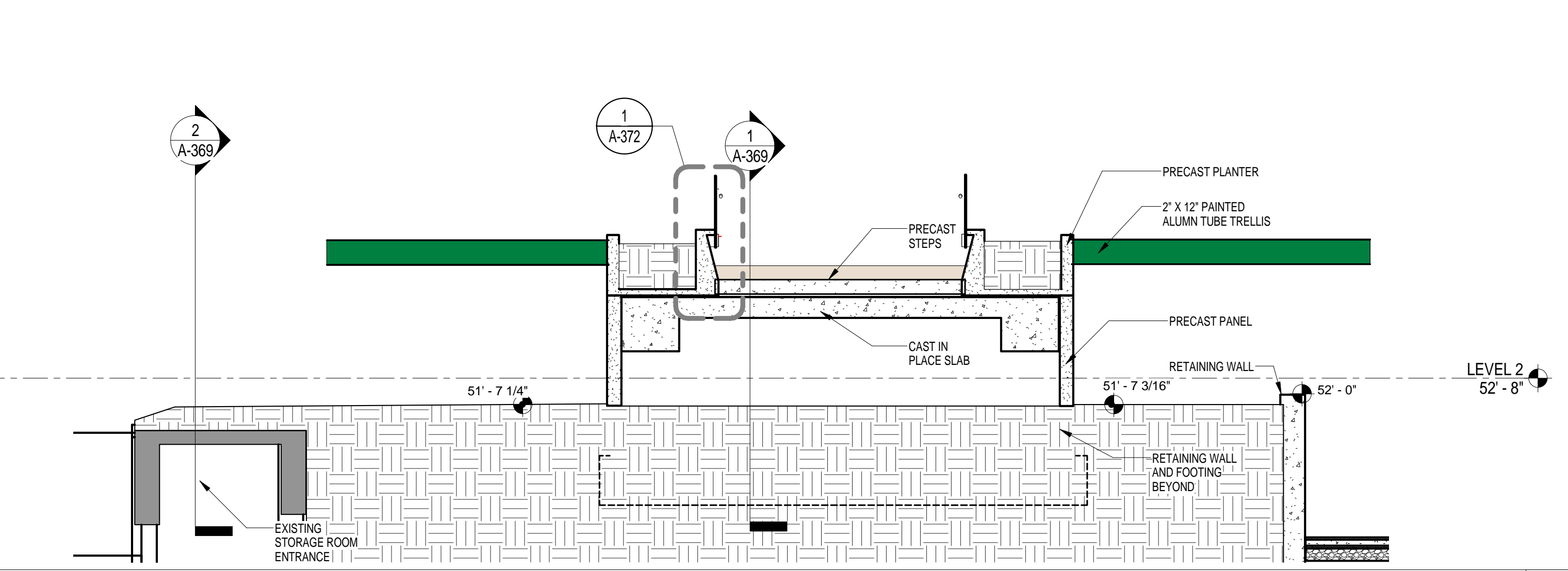
GRAND ACCESS NORTH UPPER SECTION LEVEL 3
SCALE: 1/4" = 1'-0" 6



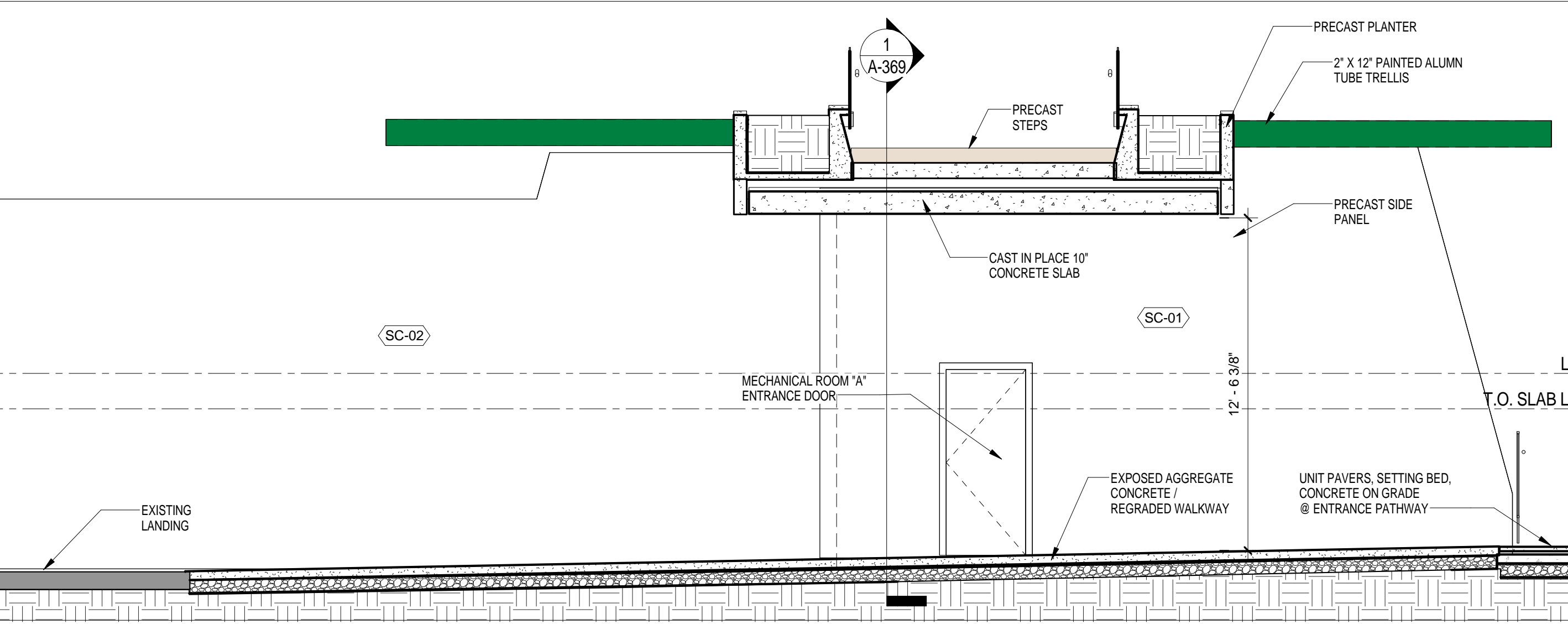
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SCALE: 1/4" = 1'-0" 3



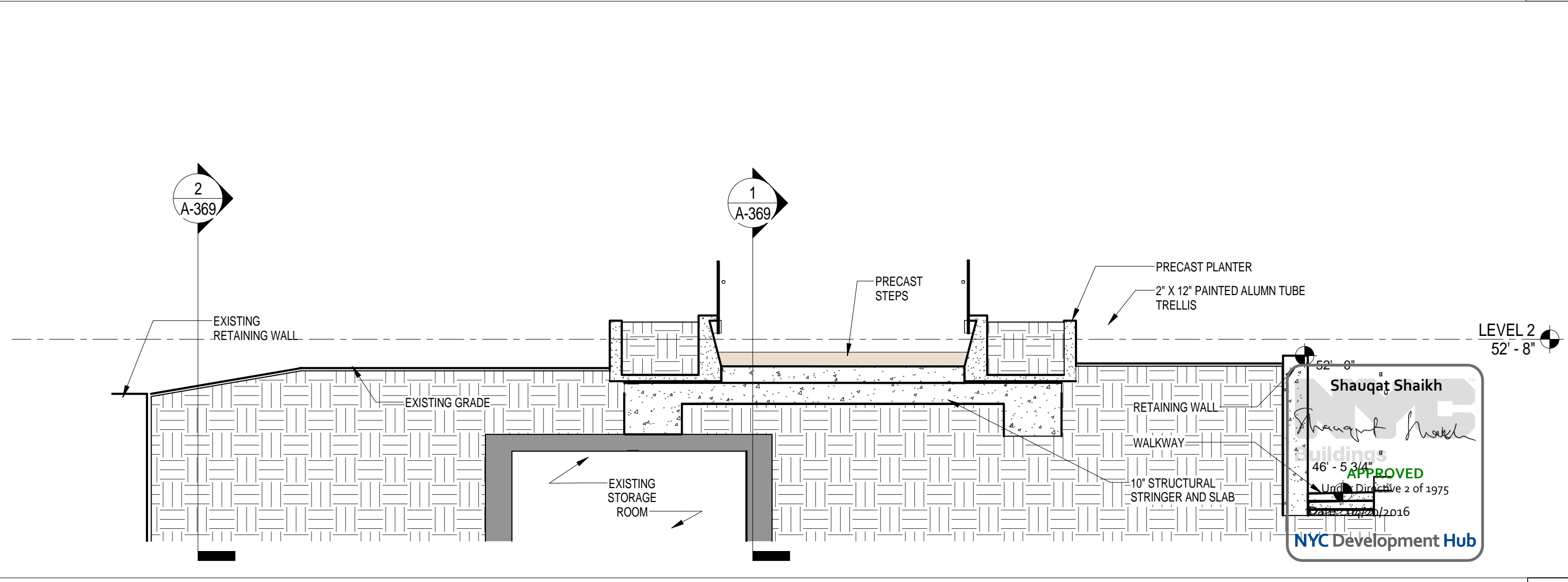
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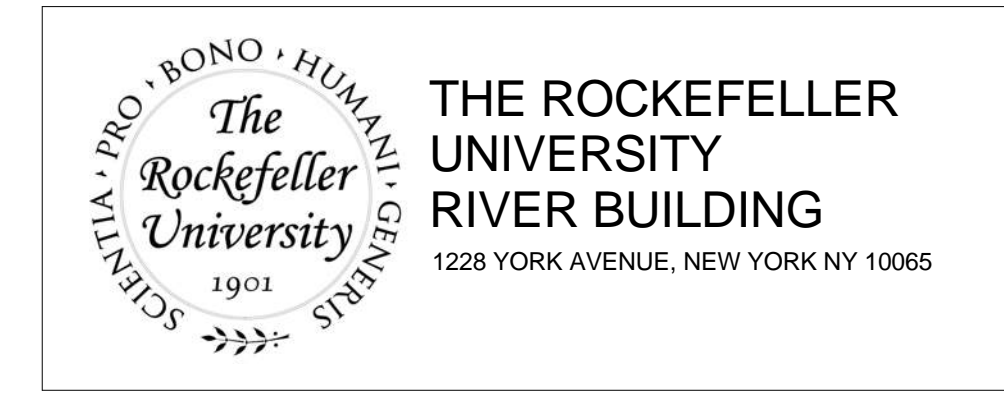
GRAND ACCESS NORTH LOWER SECTION 02
SCALE: 1/4" = 1'-0" 2



GRAND ACCESS NORTH UPPER SECTION 01 AT EAST WALKWAY
SCALE: 1/4" = 1'-0" 4



GRAND ACCESS NORTH LOWER SECTION 01
SCALE: 1/4" = 1'-0" 1



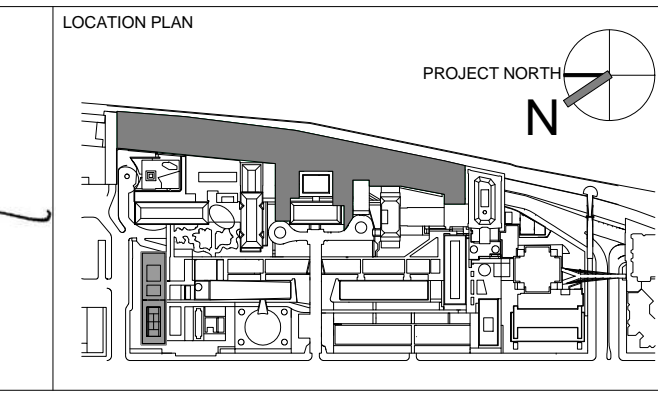
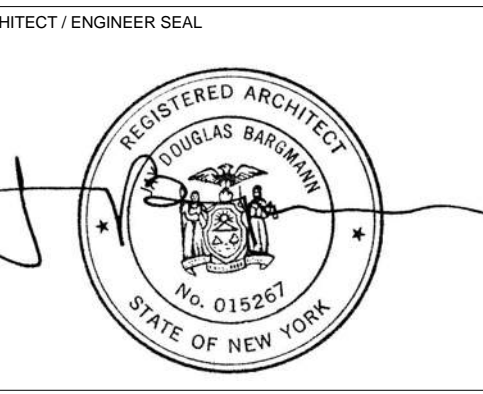
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SPECIFICATION CONSULTANT
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NEW YORK, NY 10018
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REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
24" x 36"
DRAWING SCALE
1/4" = 1'-0"

DRAWING TITLE
GRAND ACCESS NORTH SHORT SECTIONS
DRAWING NUMBER
A-371.00
Sheet 153 of 315

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2" DIA. METAL HANDRAIL WITH INTEGRATED LIGHT

1 1/2"

CUSTOM RECTILINEAR STAINLESS STEEL MOUNTING BRACKETS

ELECTRICAL RUN IN GLASS SEPARATIONS EVERY 88"

GLASS GAURD RAIL

CAST STONE PLANTER

CONDUIT RUN

METAL FASTENING STAND OFF

METAL FASTENING STAND OFF

CAST STEPS

NEOPRENE GASKETS BOTH SIDES

METAL FASTENING CAP

LEVEL 2 +60' - 1 5/8"

5 1/4"

4"

3/4"

9 1/4"

11"

2'-10"

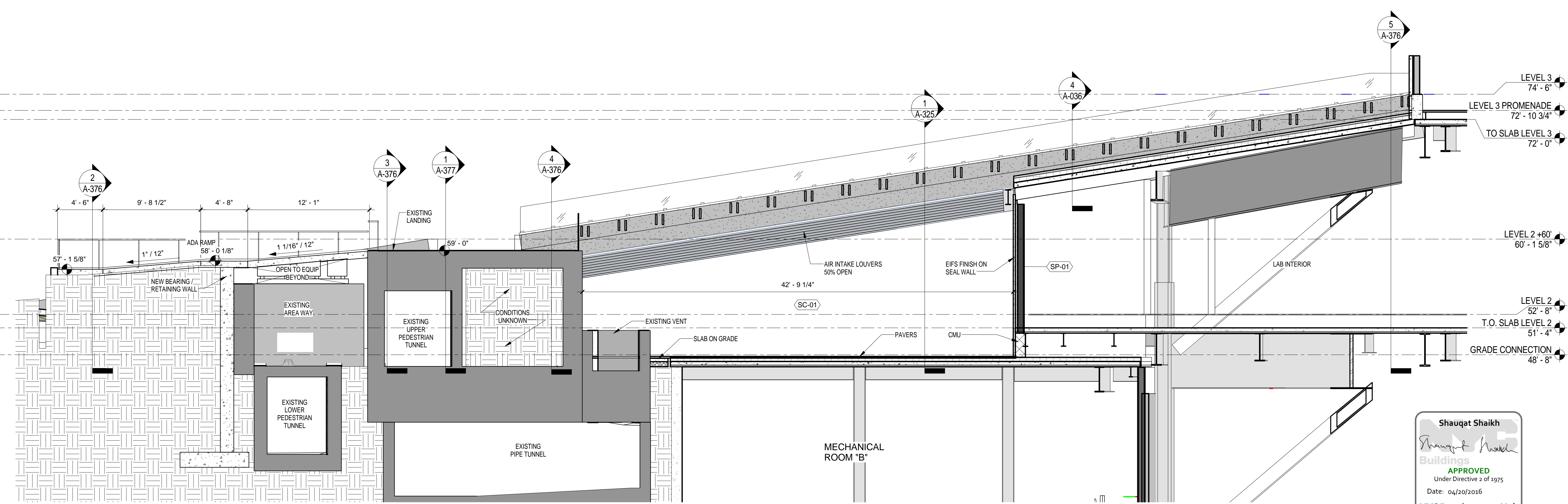
3'-5"

CONCRETE BASE CONDITIONS VARY REFER TO INDIVIDUAL SECTIONS

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 Under Directive 2 of 2015
 Date: 04/30/2016
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GRAND ACCESS NORTH LOWER SECTION RAILS DETAIL
 SCALE: 1 1/2" = 1'-0" 1

<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>DOB SUBMISSION -RB</td> <td>16-DEC-15</td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	1	DOB SUBMISSION -RB	16-DEC-15	<p>ARCHITECTS PROJECT NUMBER 664.100</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE 1 1/2" = 1'-0"</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING TITLE GRAND ACCESS NORTH DETAILS</p> <p>DRAWING NUMBER A-372.00</p> <p>Sheet 154 of 315</p>
	REV	DESCRIPTION	DATE												
1	DOB SUBMISSION -RB	16-DEC-15													
<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>												



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GRAND ACCESS SOUTH / LONG SECTION SOUTH
 SCALE: 3/16" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

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 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
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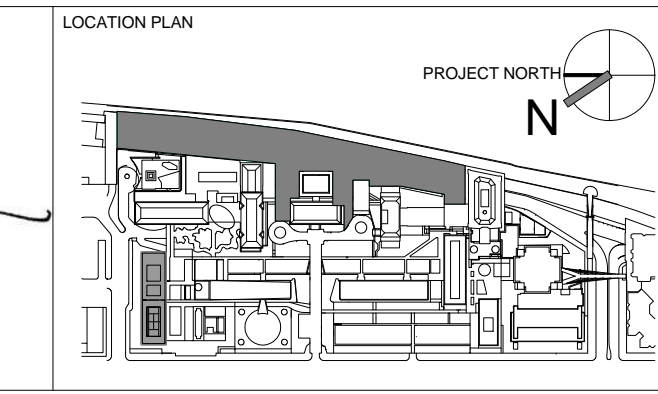
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 T. 973.286.6100

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INTERIOR LIGHTING DESIGNER
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 158 WEST 29TH STREET
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SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
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 NEW YORK, NY 10018
 T. 212.691.3248

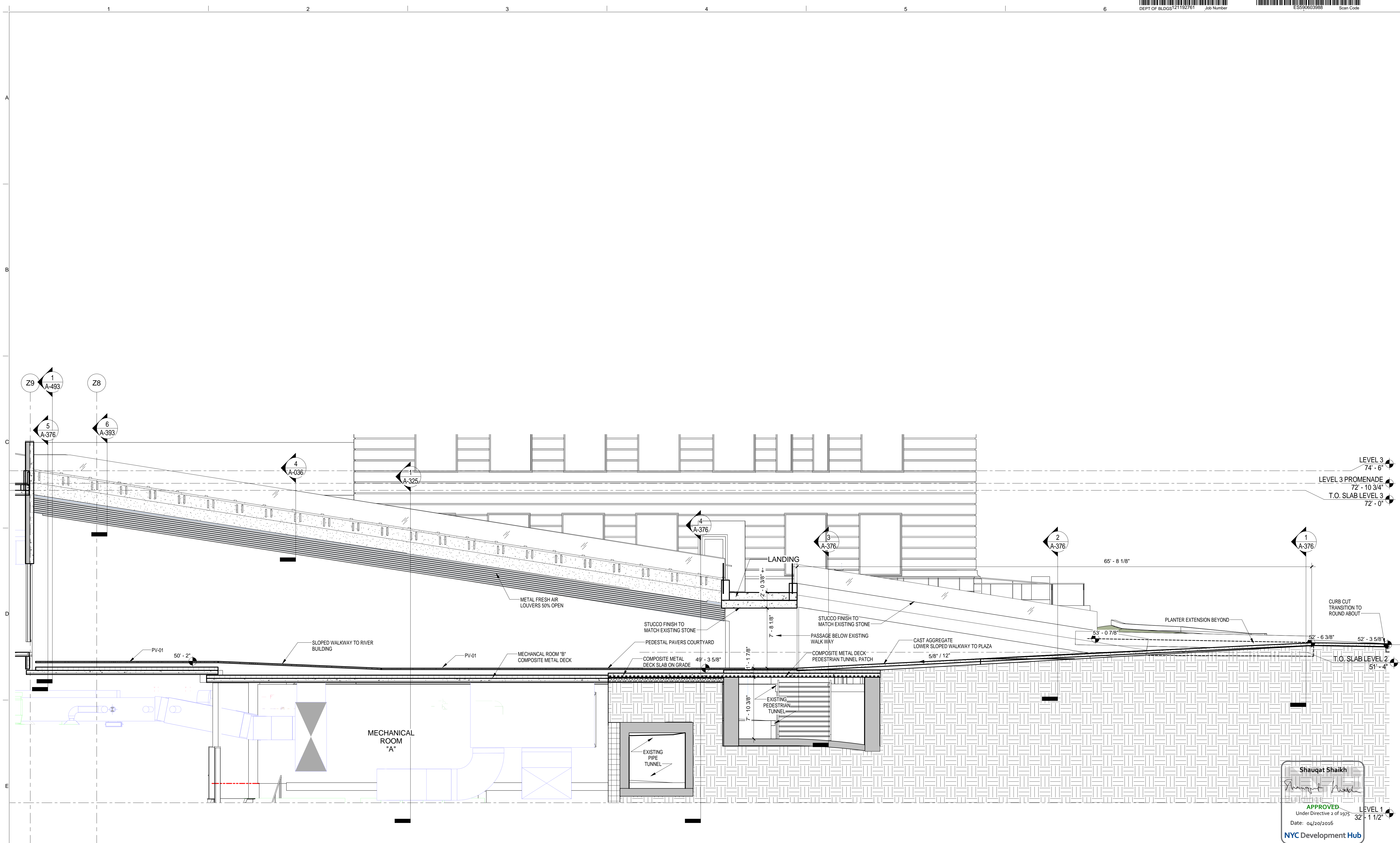
ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHOUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
 GRAND ACCESS SOUTH / LONG SECTION AREA WAY

DRAWING NUMBER
 A-373.00
 Sheet 155 of 315



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SECTION GRAND ACCESS SOUTH / LONG SECTION ELEVATION / RAMPS
 SCALE: 3/16" = 1'-0" 1

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ARCHITECT
 RAFAEL VINOLY ARCHITECTS
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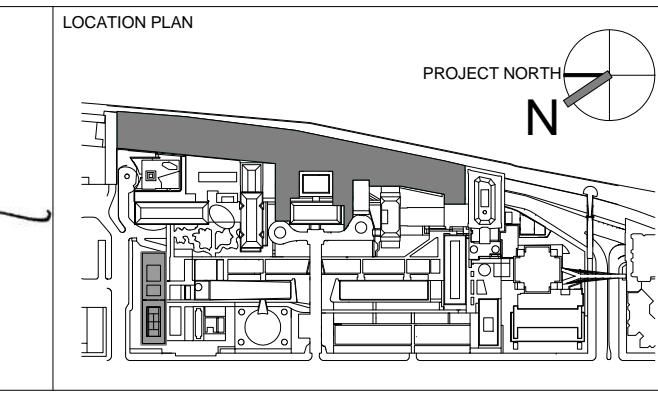
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SPECIFICATION CONSULTANT
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 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 3/16" = 1'-0"

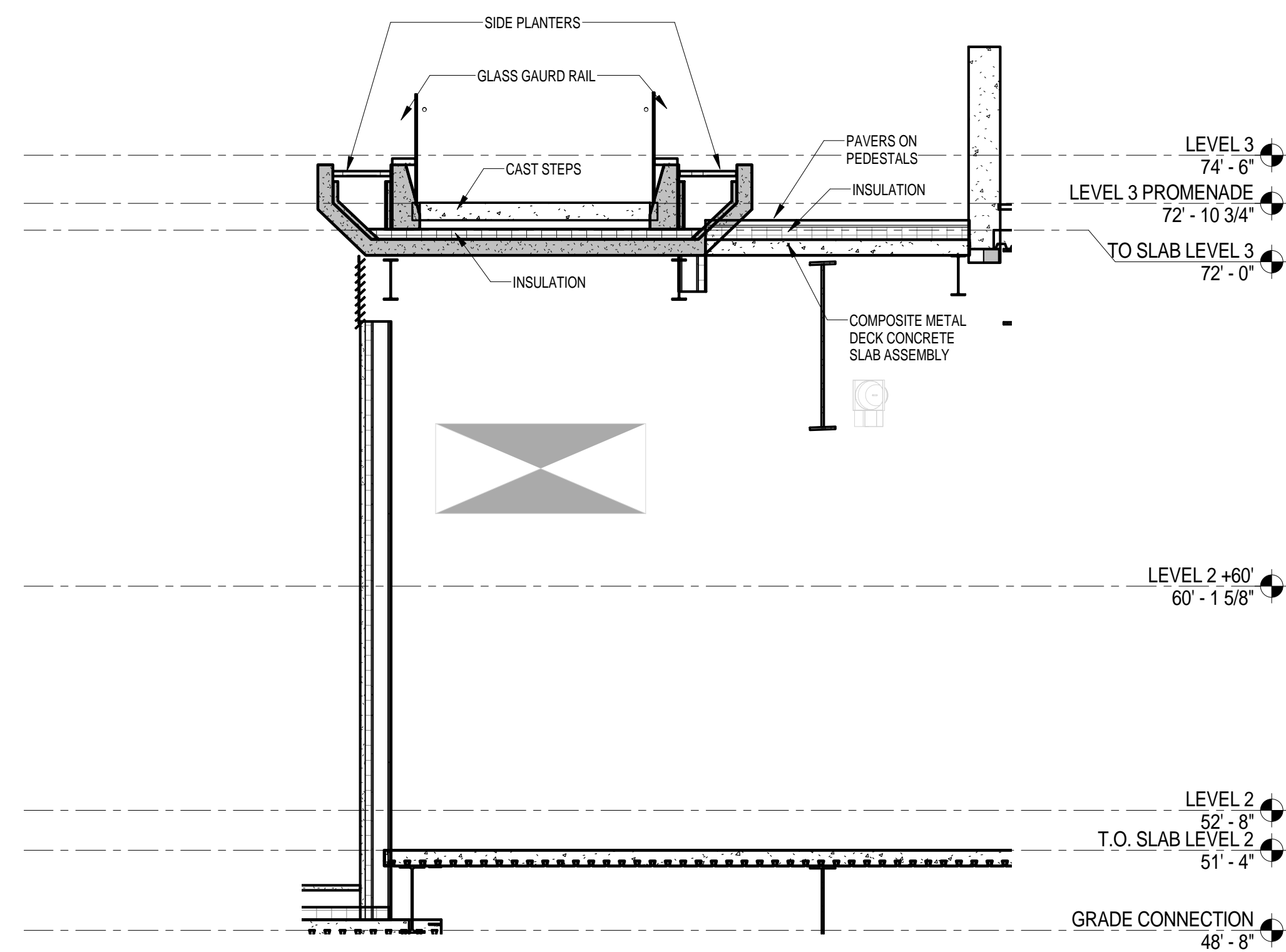
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 GRAND ACCESS SOUTH / LONG ELEVATION SECTION / SLOPES

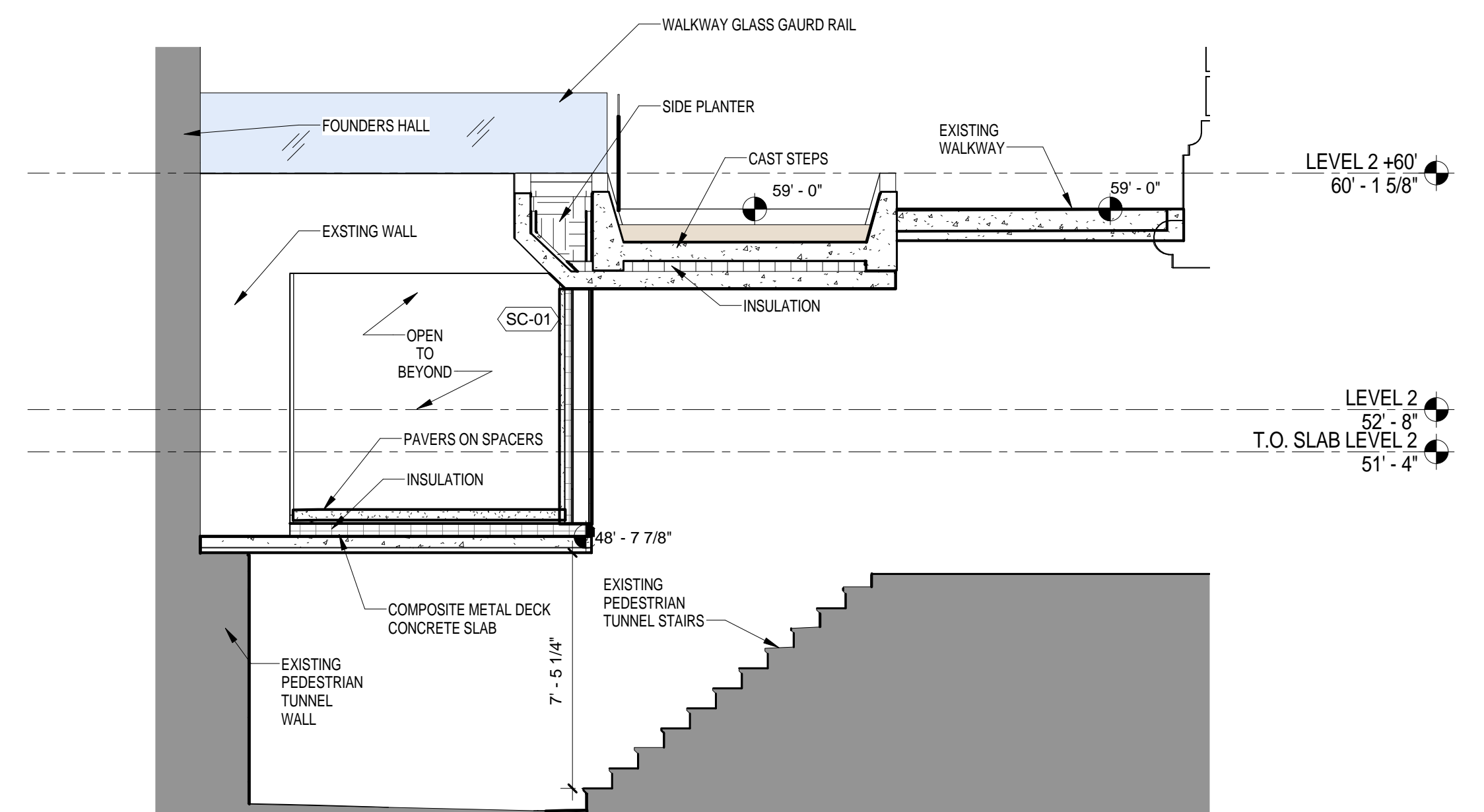
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 A-375.00

SHEET
 157 of 315

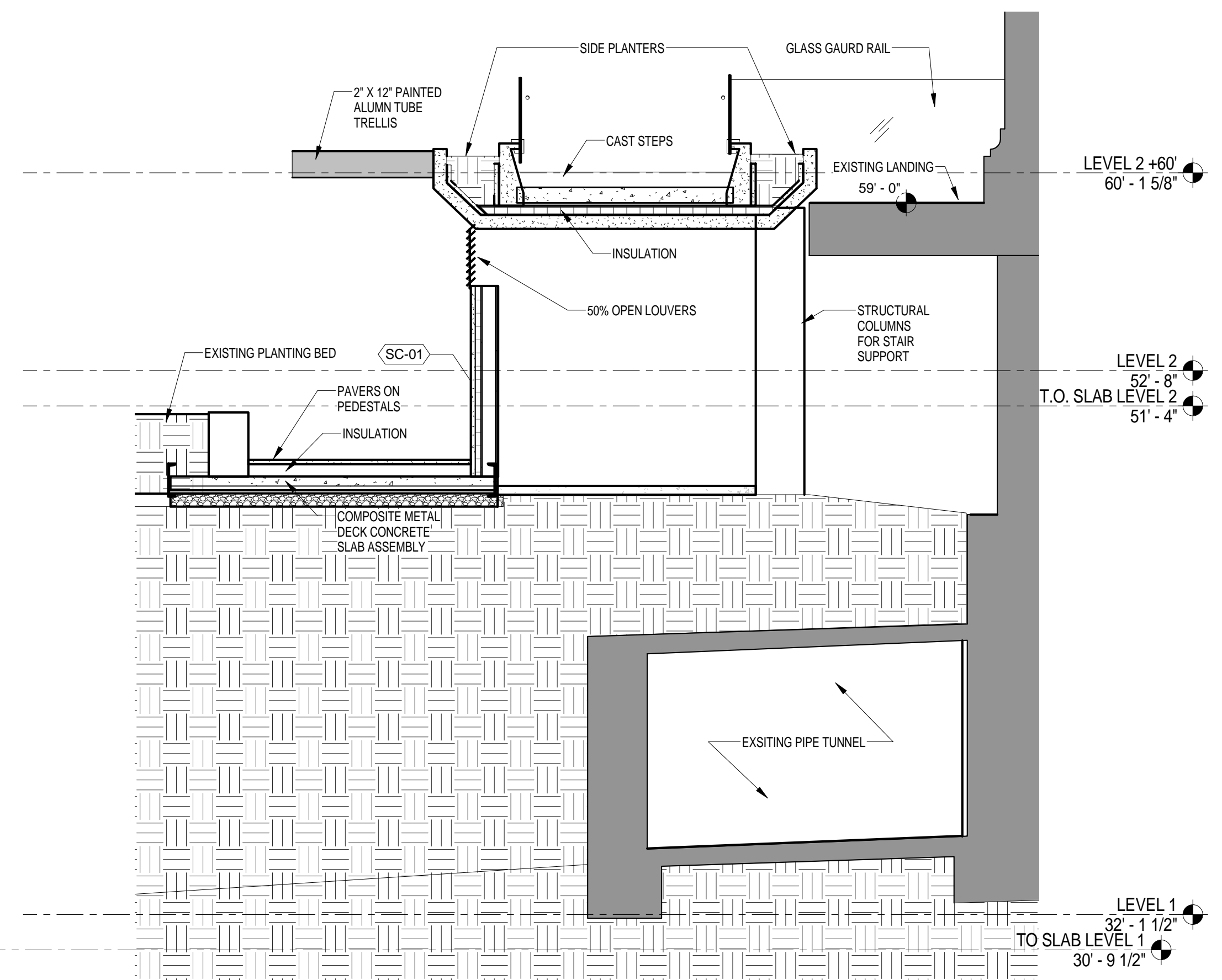
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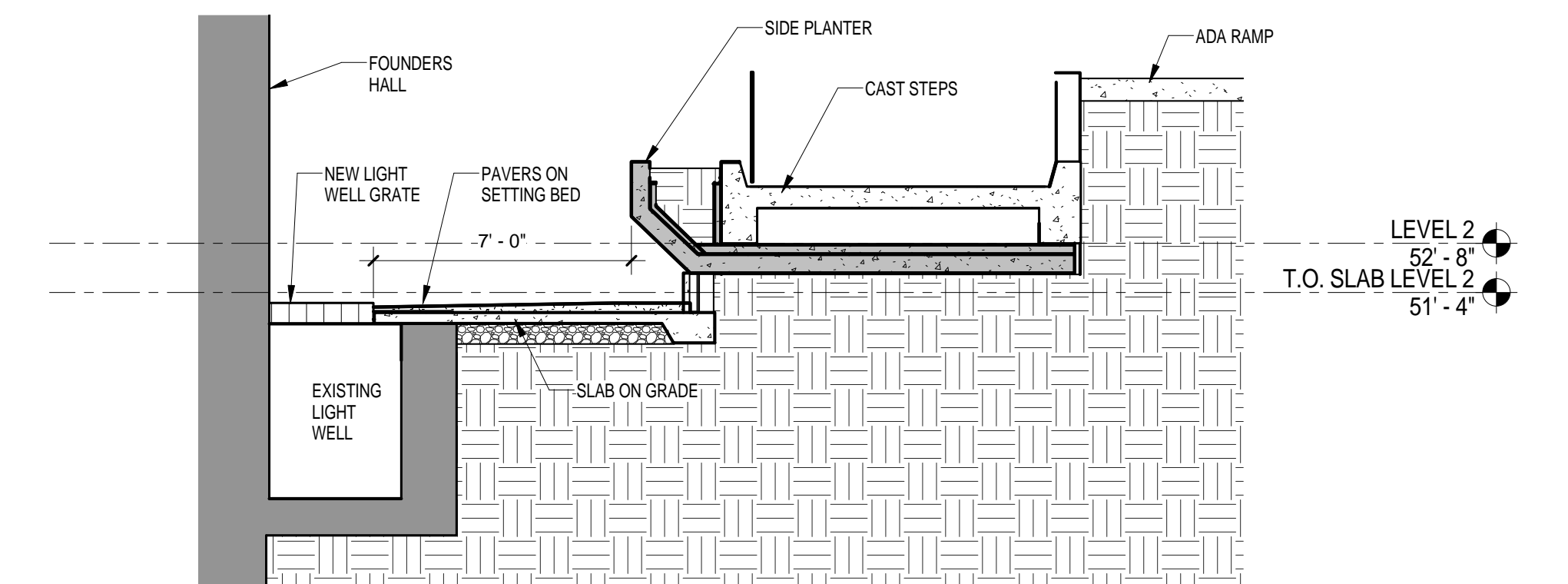
5 GRAND ACCESS SOUTH / SECTION AT TOP
SCALE: 1/4" = 1'-0"



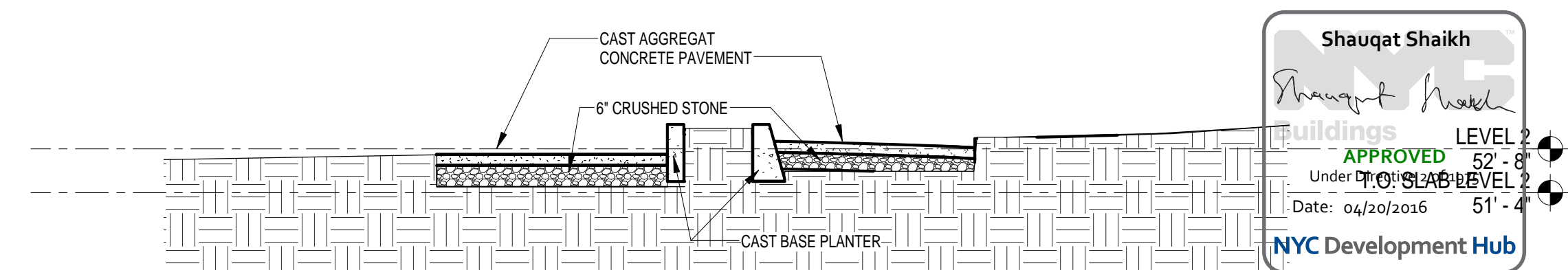
3 GRAND ACCESS SOUTH / SECTION BEFORE PEDESTRIAN WALKWAY
SCALE: 1/4" = 1'-0"



4 GRAND ACCESS SOUTH / SECTION AFTER PEDESTRIAN WALKWAY
SCALE: 1/4" = 1'-0"



2 GRAND ACCESS SOUTH / SECTION AT LOWER LANDING
SCALE: 1/4" = 1'-0"



1 GRAND ACCESS SOUTH / SECTION LOWER GRADE CONNECTION
SCALE: 1/4" = 1'-0"

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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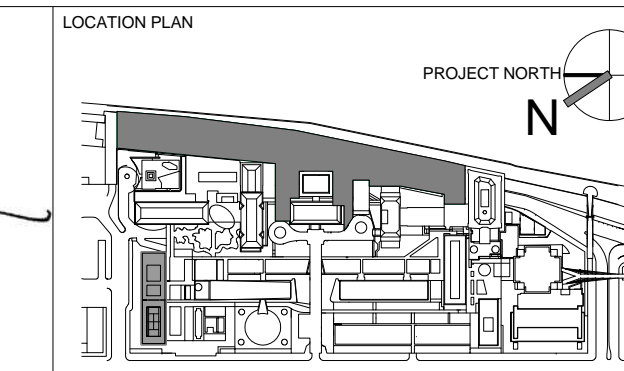
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHOUQAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/4" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

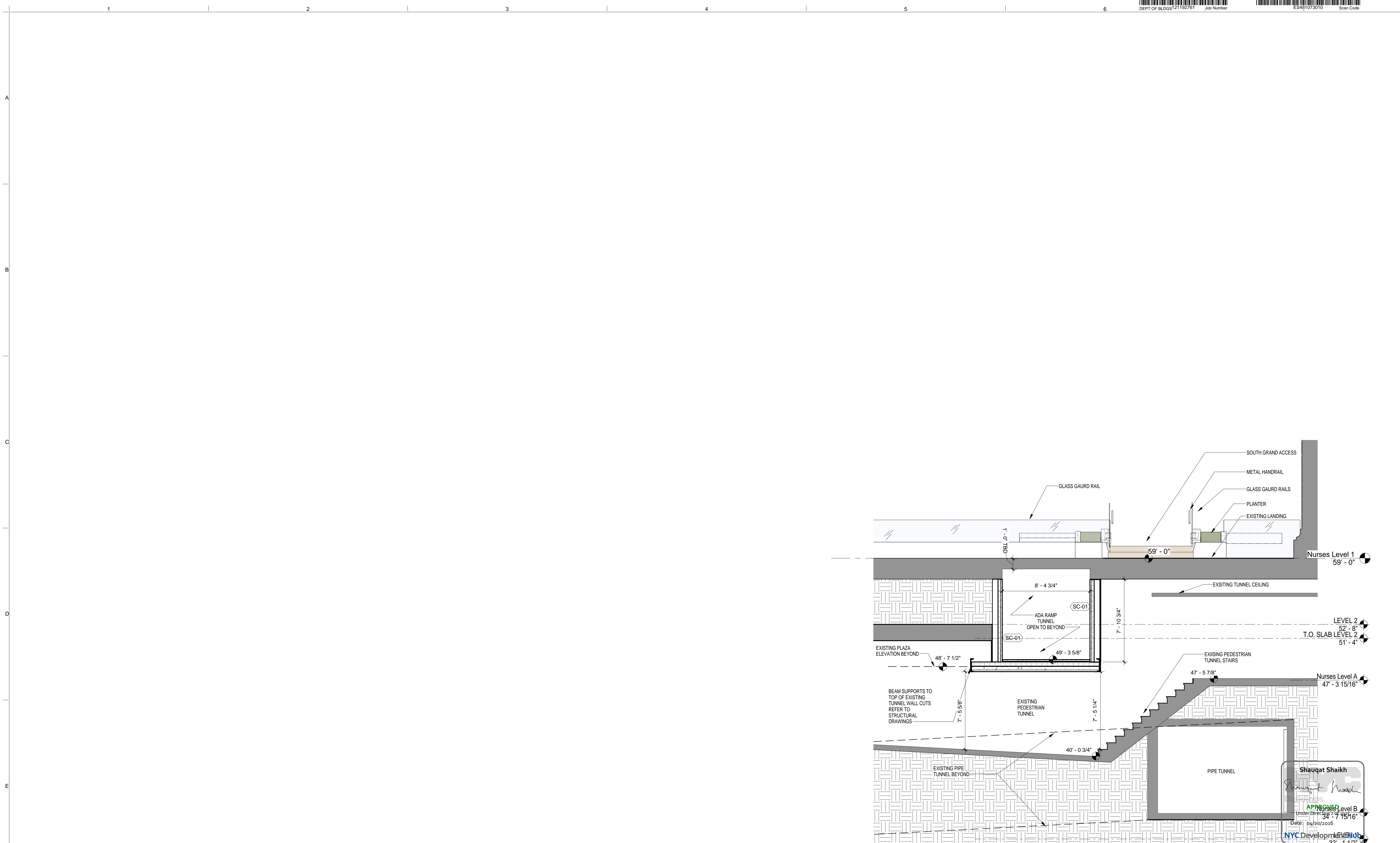
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DRAWING NUMBER
A-376.00

DATE
04/30/2016

APPROVED
Shouqat Shaikh

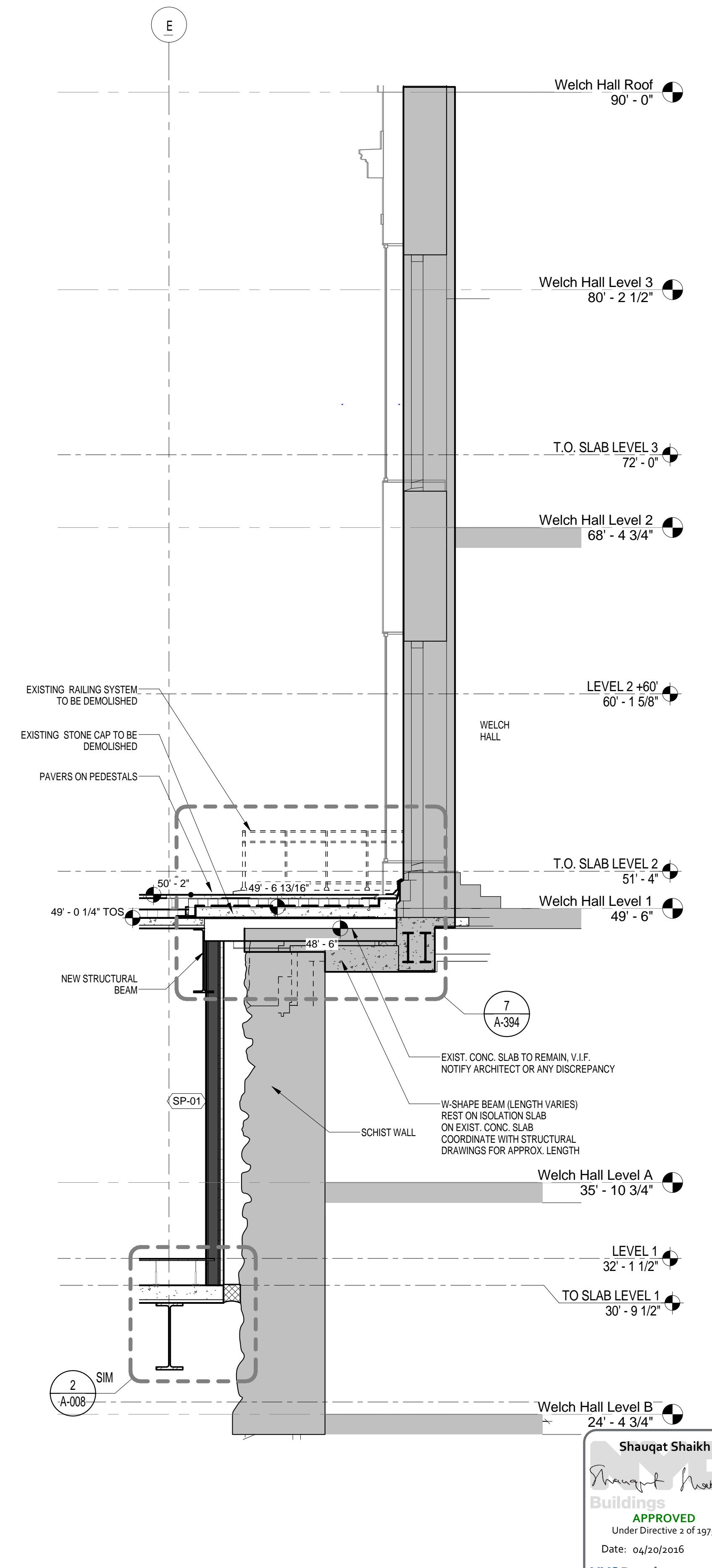
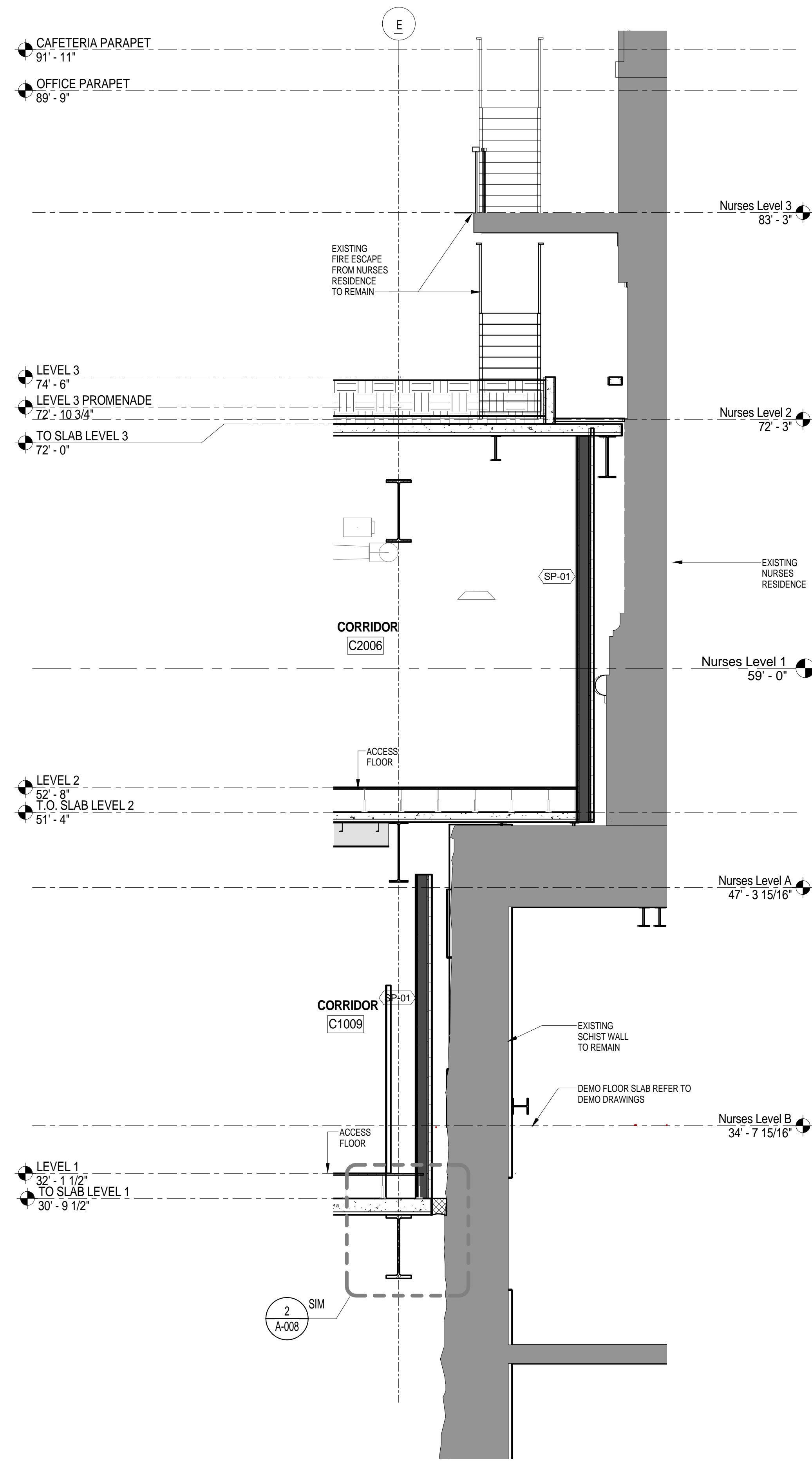
NYC Development Hub



Shaugat Shaikh
 Approved Under Direction of
 Date: 06/20/2016
 NYC Development Hub

SECTION SITE GRAND ACCESS SOUTH
 SCALE: 1/4" = 1'-0" 1

<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>ARCHITECTS PROJECT NUMBER</th> <th>DRAWING TITLE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> <td>664.100</td> <td rowspan="2">GRAND ACCESS SOUTH / SECTION DETAILS / TUNNEL CUT</td> </tr> <tr> <td>2</td> <td>DOB SUBMISSION -RB</td> <td>16-DEC-15</td> <td></td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE	1	PROGRESS SET	30-OCT-15	664.100	GRAND ACCESS SOUTH / SECTION DETAILS / TUNNEL CUT	2	DOB SUBMISSION -RB	16-DEC-15		<p>DRAWING NUMBER: A-377.00 DRAWING SIZE: 24" x 36" DRAWING SCALE: 1/4" = 1'-0" PROJECT PHASE: CONSTRUCTION DOCUMENTS</p>	<p>DATE: 06/20/2016 DRAWING NUMBER: A-377.00 SHEET 159 OF 315</p>
	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE																		
1	PROGRESS SET	30-OCT-15	664.100	GRAND ACCESS SOUTH / SECTION DETAILS / TUNNEL CUT																			
2	DOB SUBMISSION -RB	16-DEC-15																					
<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>ARCHITECTS PROJECT NUMBER</th> <th>DRAWING TITLE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> <td>664.100</td> <td rowspan="2">GRAND ACCESS SOUTH / SECTION DETAILS / TUNNEL CUT</td> </tr> <tr> <td>2</td> <td>DOB SUBMISSION -RB</td> <td>16-DEC-15</td> <td></td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE	1	PROGRESS SET	30-OCT-15	664.100	GRAND ACCESS SOUTH / SECTION DETAILS / TUNNEL CUT	2	DOB SUBMISSION -RB	16-DEC-15		<p>DRAWING NUMBER: A-377.00 DRAWING SIZE: 24" x 36" DRAWING SCALE: 1/4" = 1'-0" PROJECT PHASE: CONSTRUCTION DOCUMENTS</p>	<p>DATE: 06/20/2016 DRAWING NUMBER: A-377.00 SHEET 159 OF 315</p>	
REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE																			
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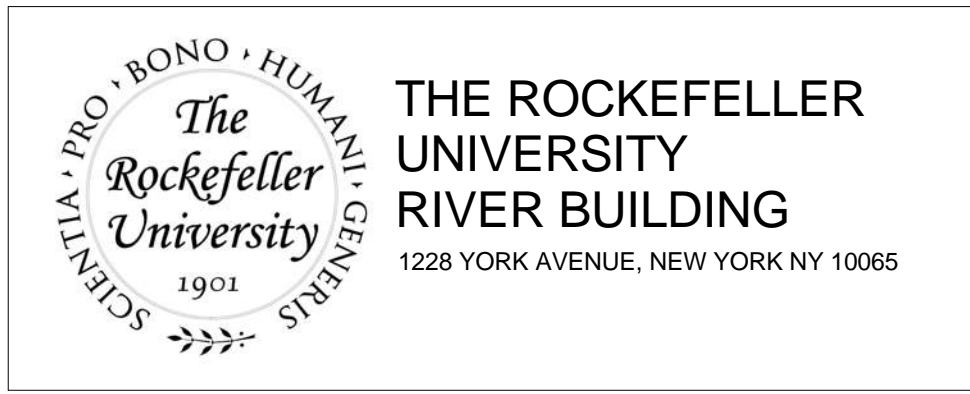


SECTION AT NURSES COL. LINE 7.50
SCALE: 1/4" = 1'-0"

2

SECTION AT COL. LINE 6.25
SCALE: 1/4" = 1'-0"

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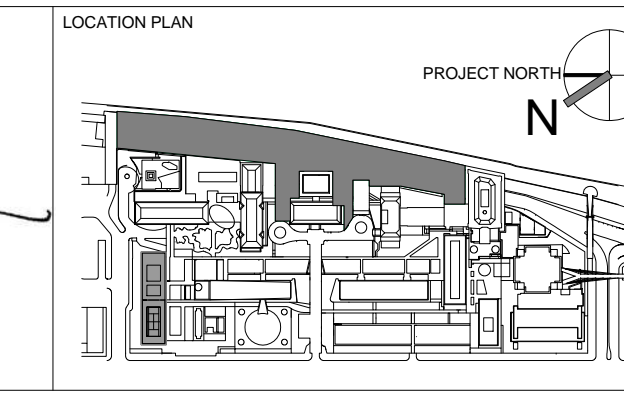
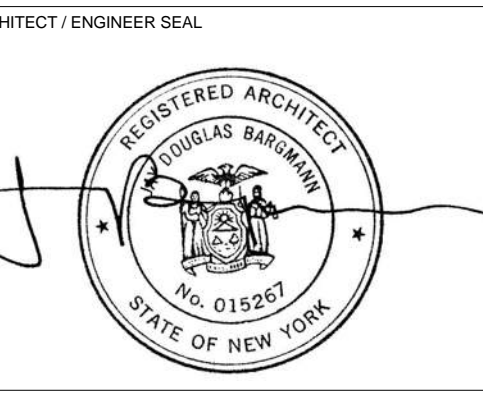
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 NEW YORK, NY 10013
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 NEW YORK, NY 10011
 T. 212.201.5790

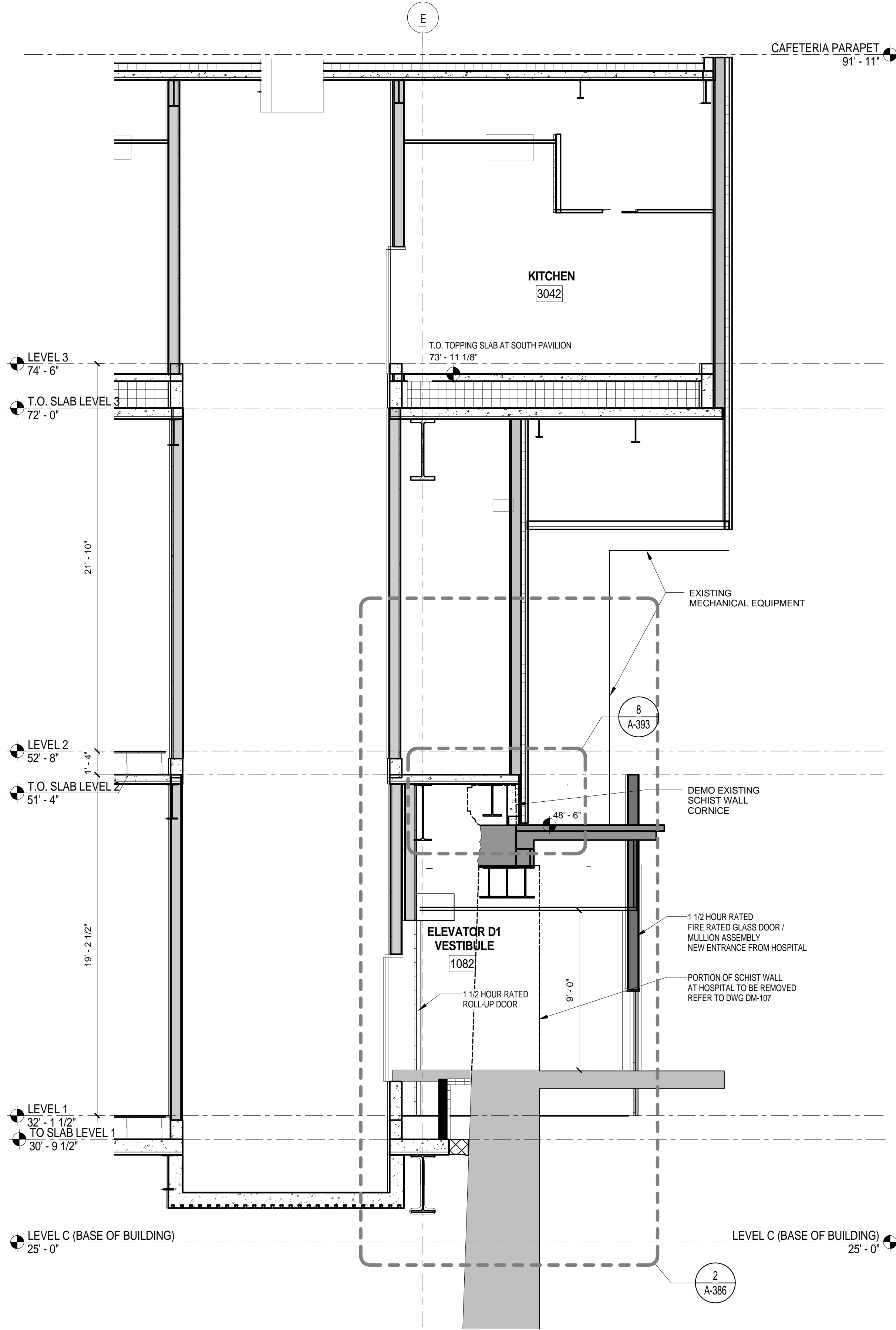
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 NEW YORK, NY 10018
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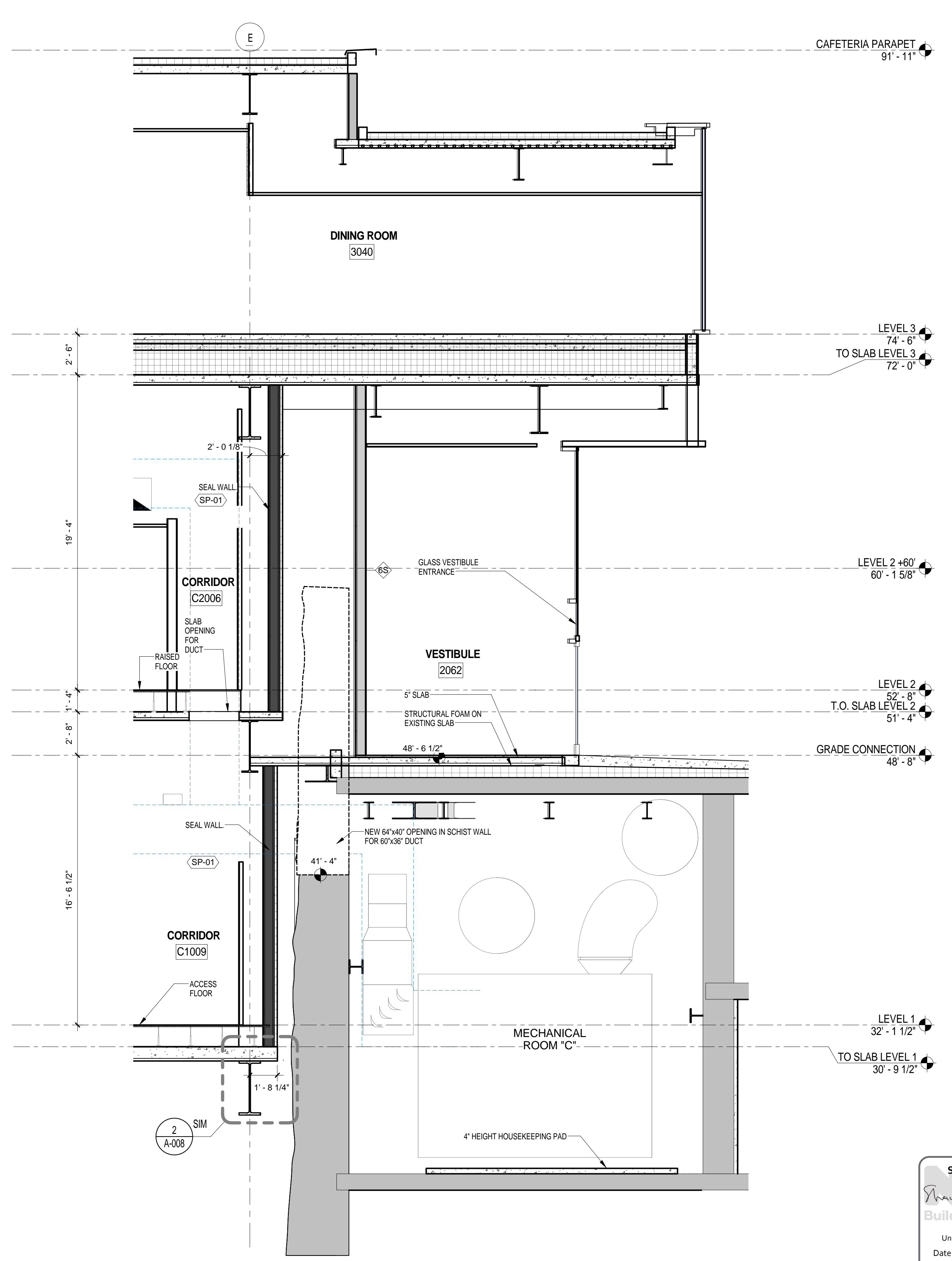
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1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"	
2	DOB SUBMISSION -RB	16-DEC-15	DRAWING SCALE 1/4" = 1'-0"	
				PROJECT PHASE CONSTRUCTION DOCUMENTS

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 Date: 04/20/2016
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DRAWING NUMBER: **A-384.00**
 SHEET 160 OF 315



SECTION AT COL. LINE 9.50
SCALE: 1/4" = 1'-0" 2



SECTION AT COL. LINE 8.00
SCALE: 1/4" = 1'-0" 1

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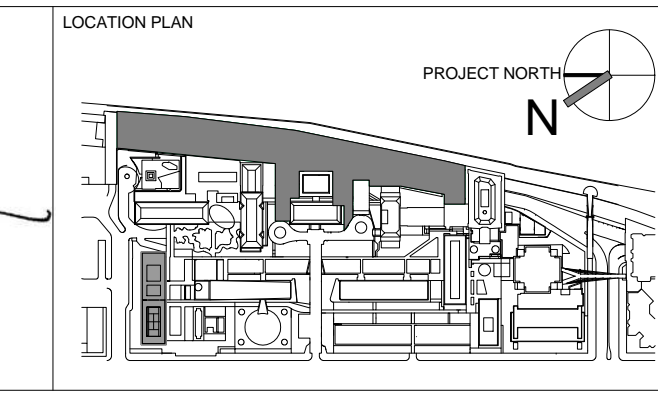
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NEW YORK, NY 10011
T. 212.201.5790

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ROBERT SCHWARTZ ASSOCIATES
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NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



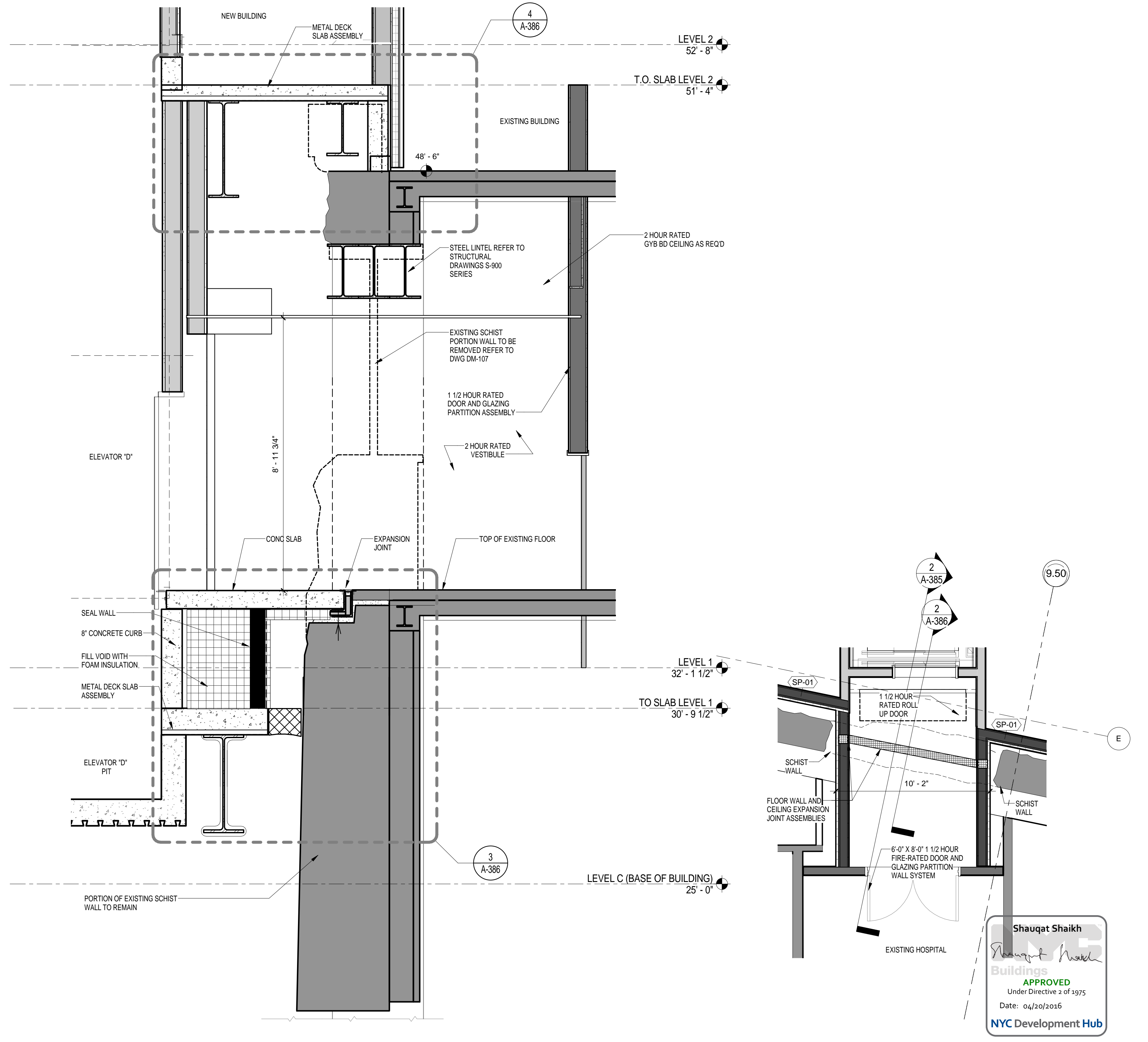
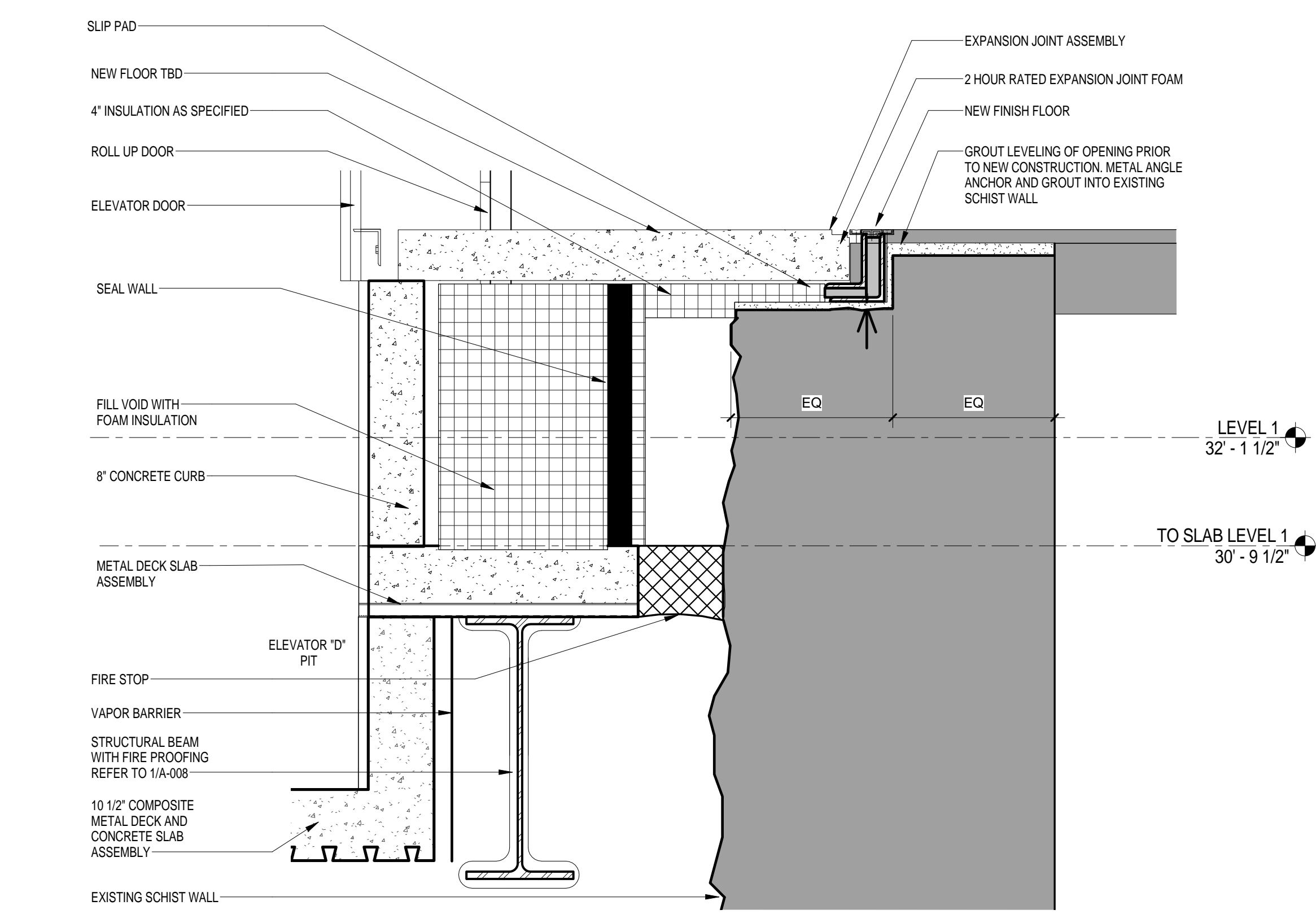
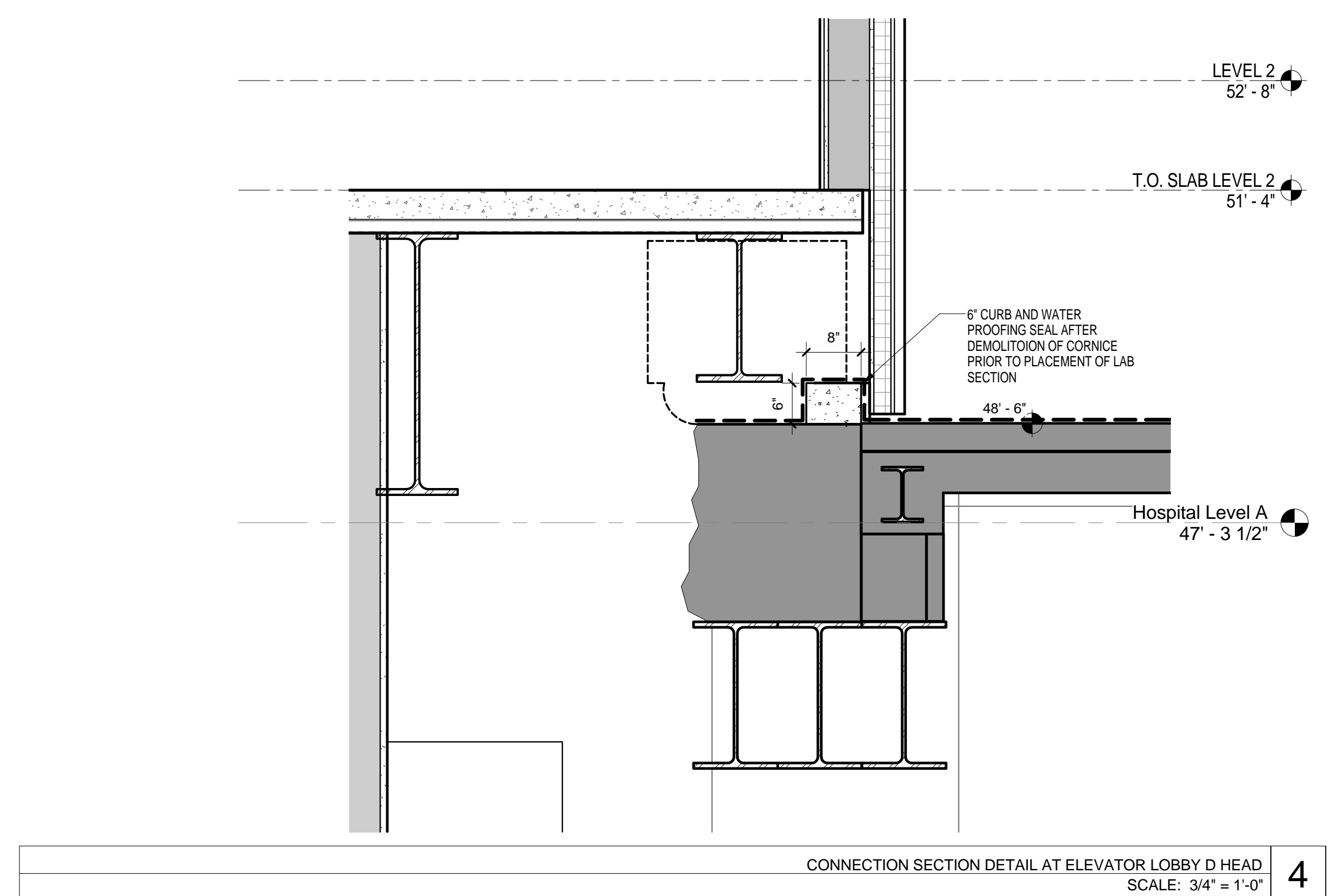
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2	DEMOLITION PACKAGE	7-DEC-15	DRAWING SCALE 1/4" = 1'-0"
3	DOB SUBMISSION -RB	16-DEC-15	PROJECT PHASE CONSTRUCTION DOCUMENTS

DRAWING TITLE
EXISTING BUILDING CONNECTION - SECTOR E

DRAWING NUMBER
A-385.00

Sheet 161 of 315

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CONNECTION SECTION DETAIL AT ELEVATOR D LOBBY SCALE: 3/4" = 1'-0" 3

CONNECTION SECTION ELEVATOR D1 SCALE: 1/2" = 1'-0" 2

CONNECTION PLAN ELEVATOR D LOBBY SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

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RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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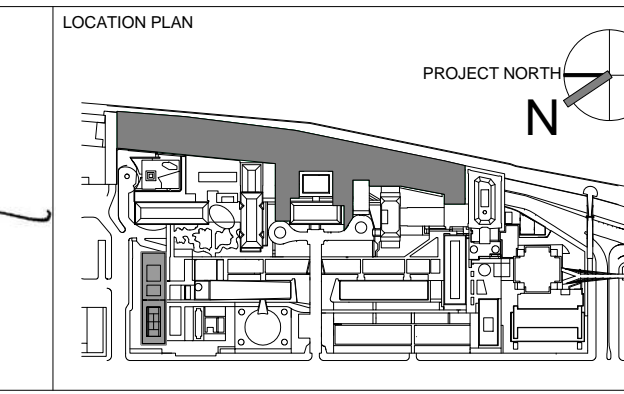
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NEWARK, NJ 07102
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ARCHITECT / ENGINEER SEAL
SHAUQAT SHAIKH
REGISTERED ARCHITECT
STATE OF NEW YORK
No. 015267



REV	DESCRIPTION	DATE
1	DEMOLITION PACKAGE	7-DEC-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

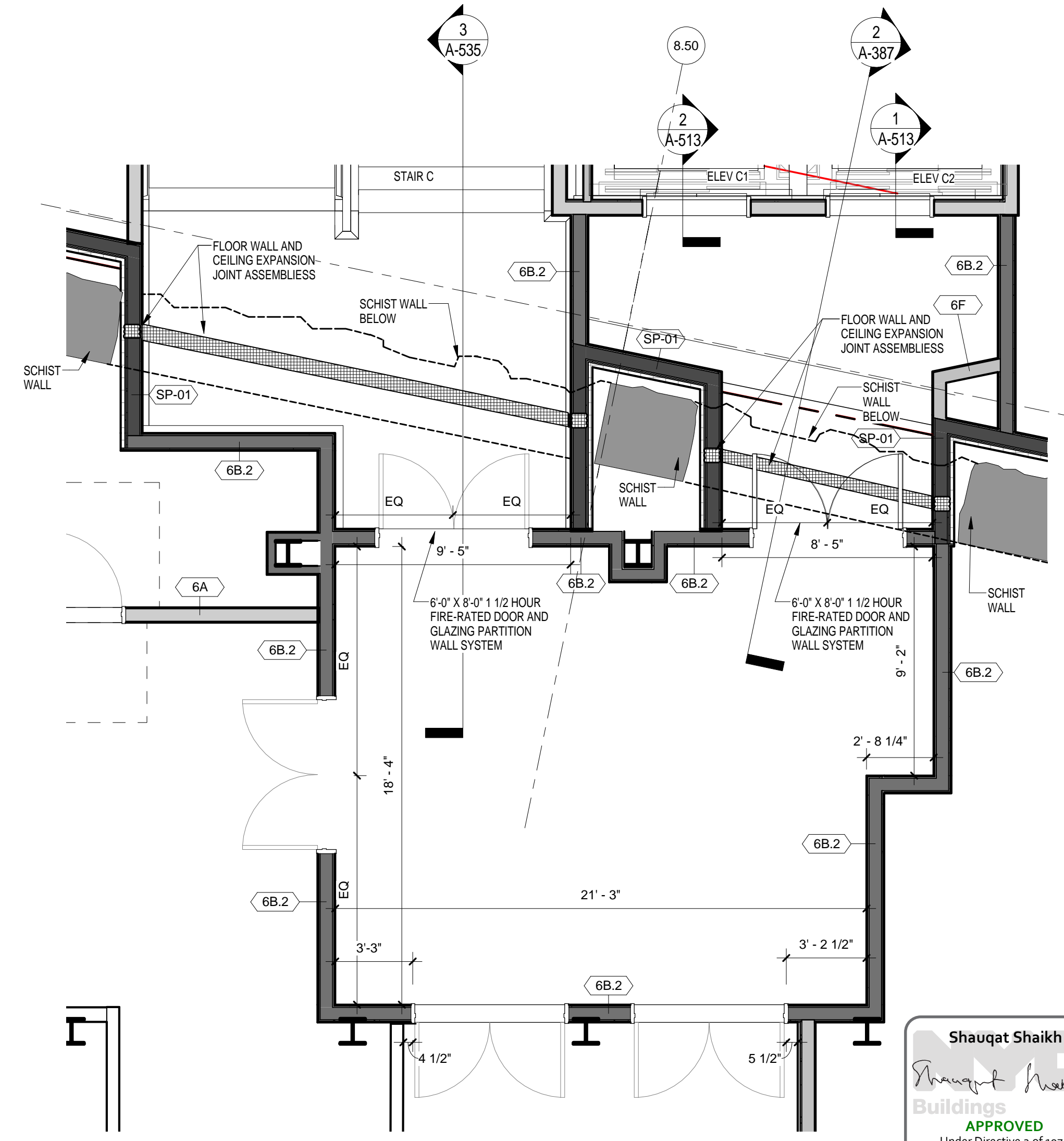
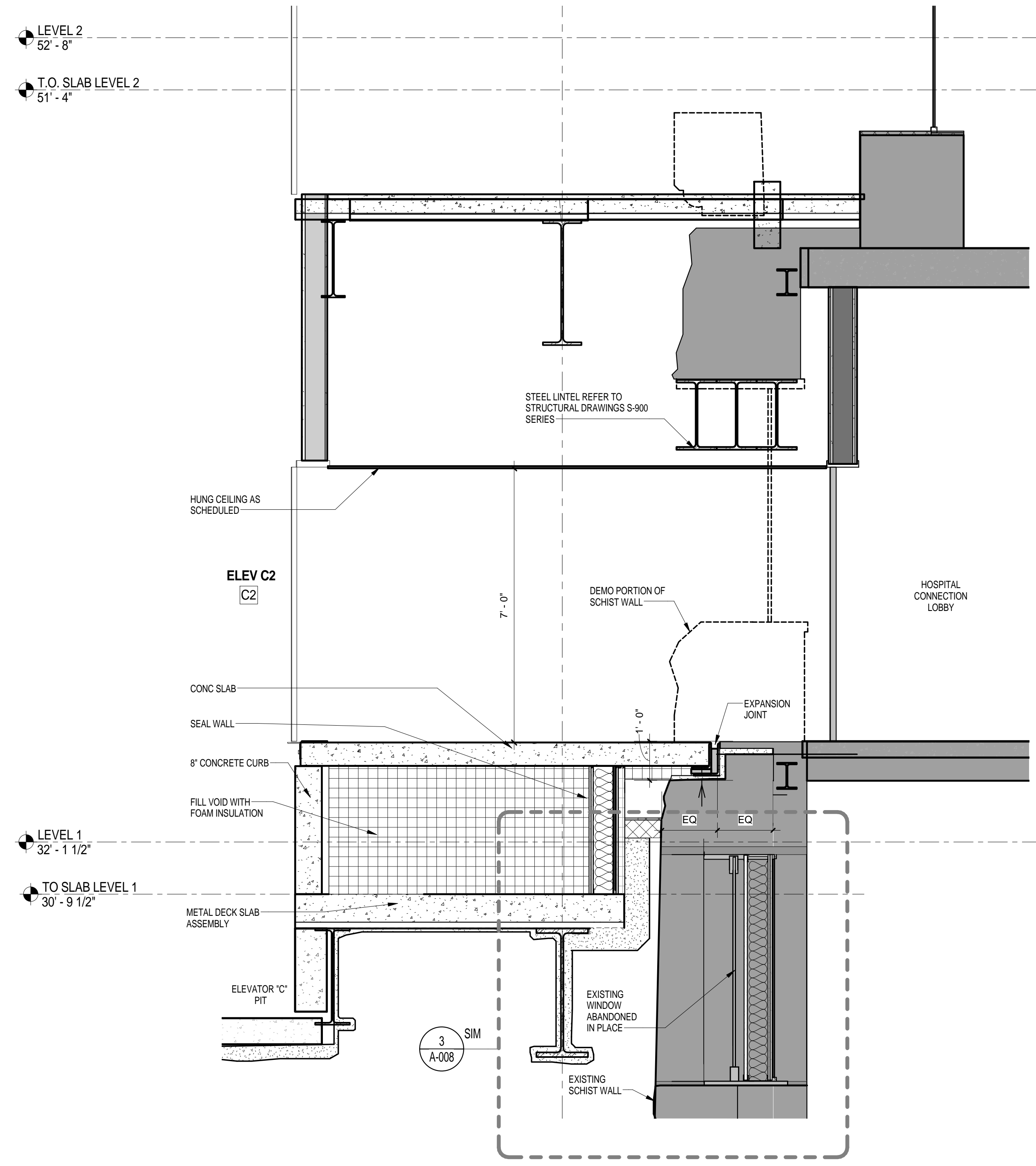
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CONNECTION LEVEL 1 @ ELEVATOR D

DRAWING NUMBER
A-386.00

Sheet 162 of 315

DOB REV
1

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EXISTING BUILDING CONNECTION STAIR C
SCALE: 1/2" = 1'-0"

2

CONNECTION PLAN / LEVEL 1 / ELEVATOR LOBBY C
SCALE: 1/4" = 1'-0"

1

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THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
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STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

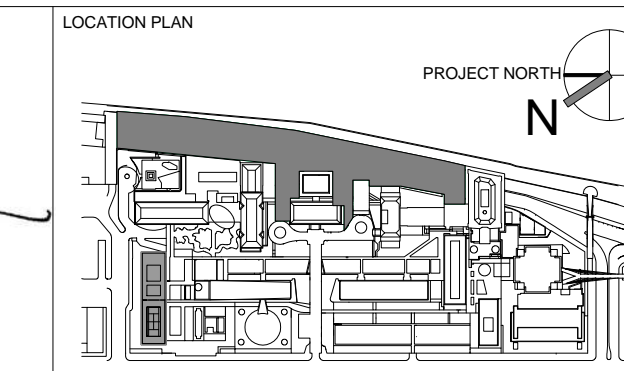
MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
158 WEST STUDIO
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL

REGISTERED ARCHITECT
NICHOLAS BARONIA
No. 015267
STATE OF NEW YORK

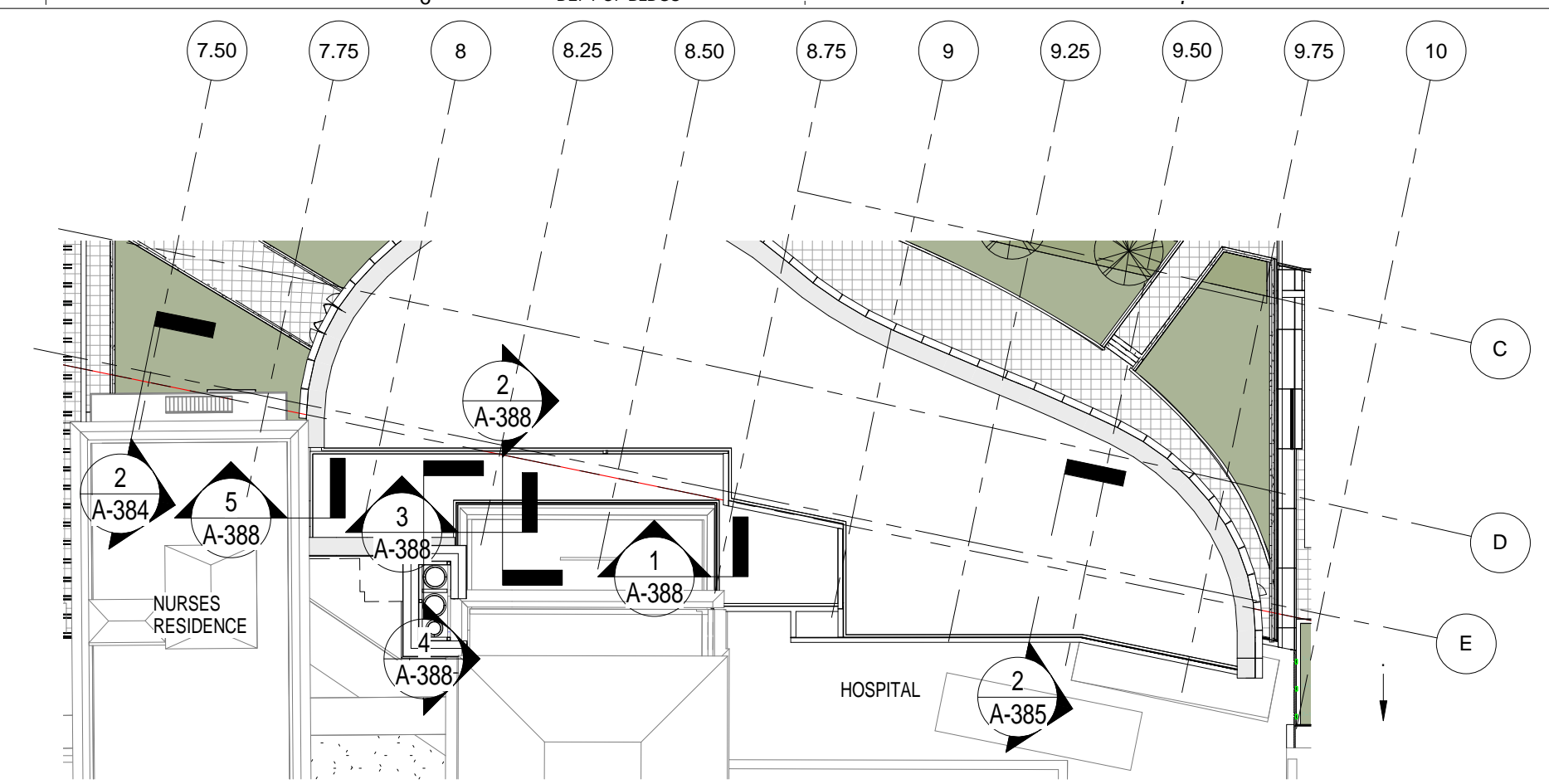


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1	DEMOLITION PACKAGE	7-DEC-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION -RB	16-DEC-15	DRAWING SCALE As indicated

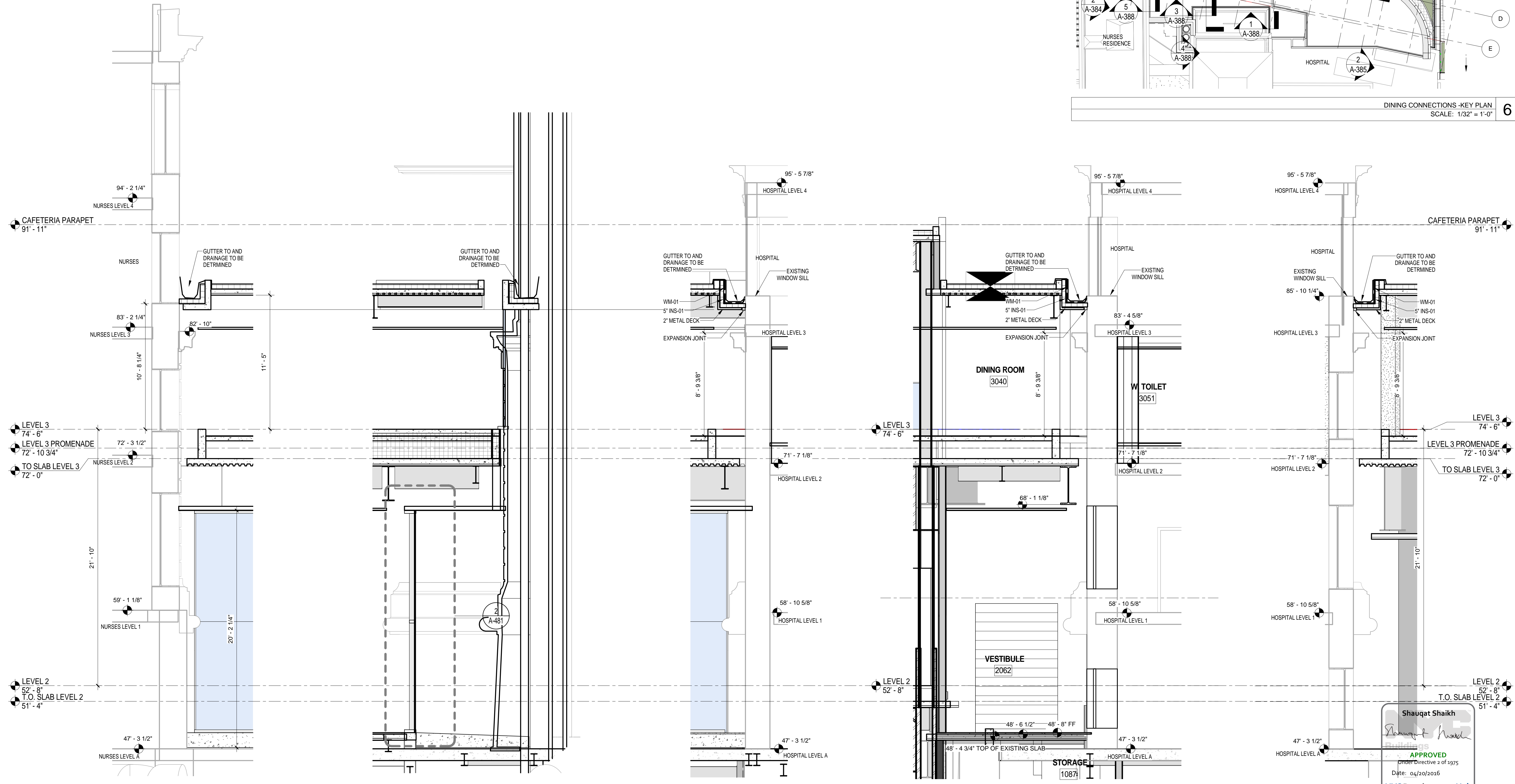
DRAWING TITLE
EXISTING BUILDINGS CONNECTION
AT ELEVATOR C1 C2

Shauqat Shaikh
Buildings APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub

DRAWING NUMBER: **A-387.00**
Sheet 163 of 315



DINING CONNECTIONS - KEY PLAN
SCALE: 1/32" = 1'-0"



SECTION AT DINING LEVEL 3 NURSES CONNECTION
SCALE: 1/4" = 1'-0" 5

SECTION AT DINING LEVEL 3 SOUTH STACK CONNECTION EAST 1
SCALE: 1/4" = 1'-0" 4

SECTION AT LEVEL 3 DINING HOSPITAL CONNECTION NORTH
SCALE: 1/4" = 1'-0" 3

SECTION AT DINING LEVEL 3 HOSPITAL CONNECTION EAST
SCALE: 1/4" = 1'-0" 2

SECTION AT LEVEL 3 DINING HOSPITAL CONNECTION SOUTH
SCALE: 1/4" = 1'-0" 1

Shauqat Shaikh
APPROVED
Order Directive 2 of 1975
Date: 06/20/2016
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THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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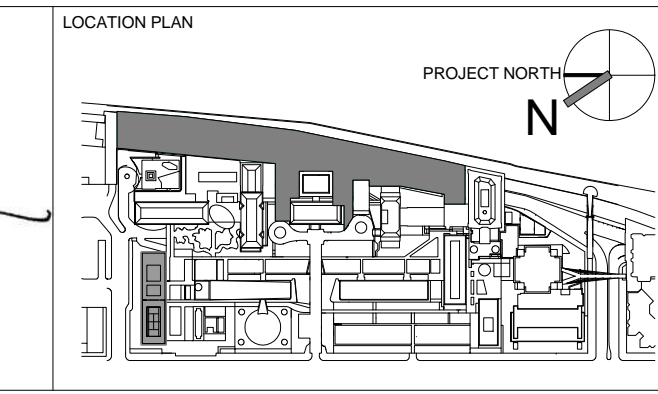
STRUCTURAL ENGINEER
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744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
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T. 212.840.0060

INTERIOR LIGHTING DESIGNER
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NEW YORK, NY 10011
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NEW YORK, NY 10018
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

SECTION AT DINING / NURSES, HOSPITAL / CONNECTIONS

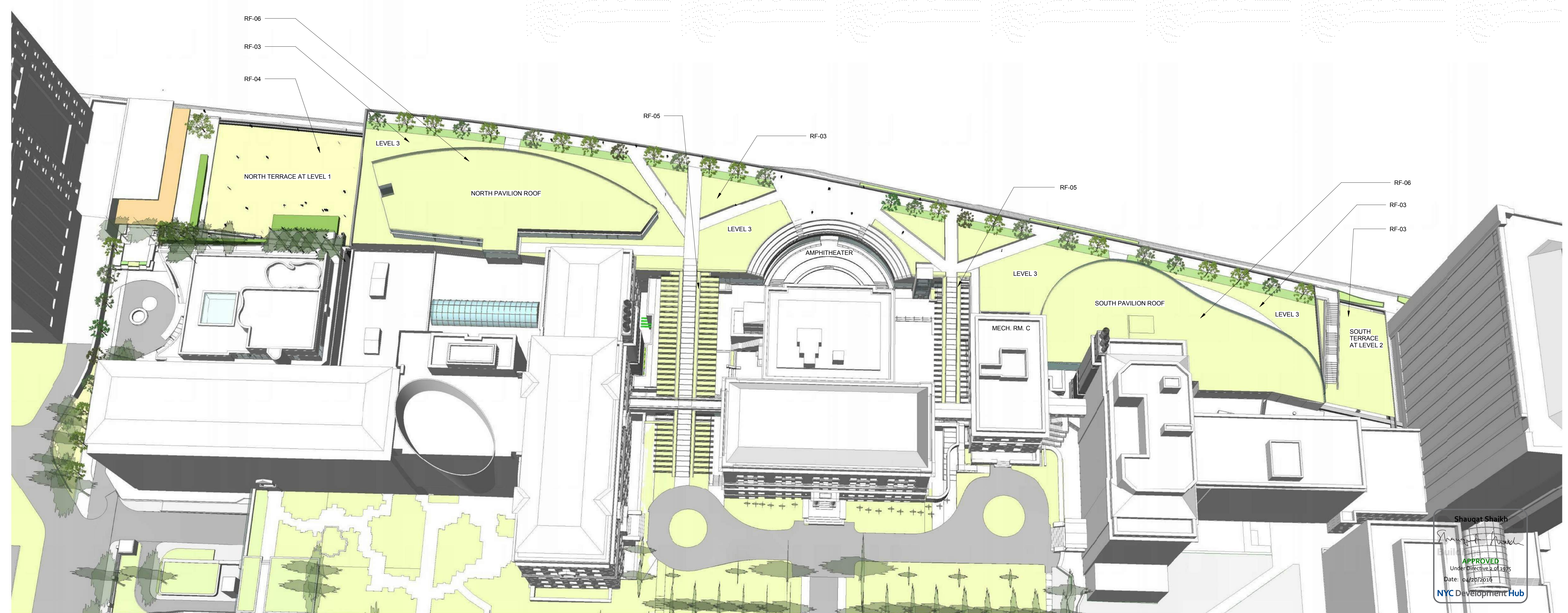
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A-388.00

DRAWING TITLE
SECTION AT DINING / NURSES, HOSPITAL / CONNECTIONS

Sheet 164 of 315

BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 AND A-811 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



Shauqat Shaikh
 APPROVED
 Under Directive 2 of 1975
 Date: 04/27/2016
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ARCHITECT
 RAFAEL VINOLY ARCHITECTS
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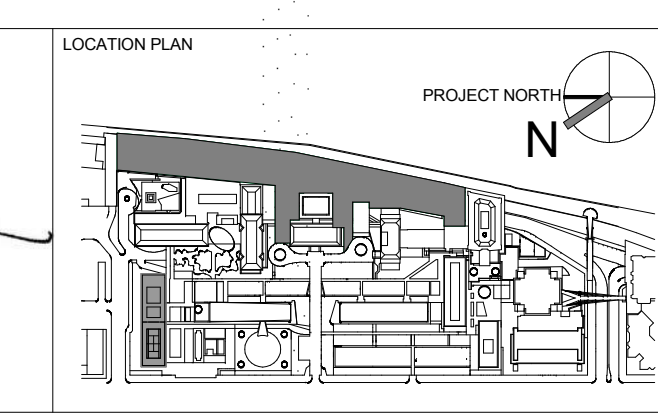
STRUCTURAL ENGINEER
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 744 BROAD STREET
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INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
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SPECIFICATION CONSULTANT
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



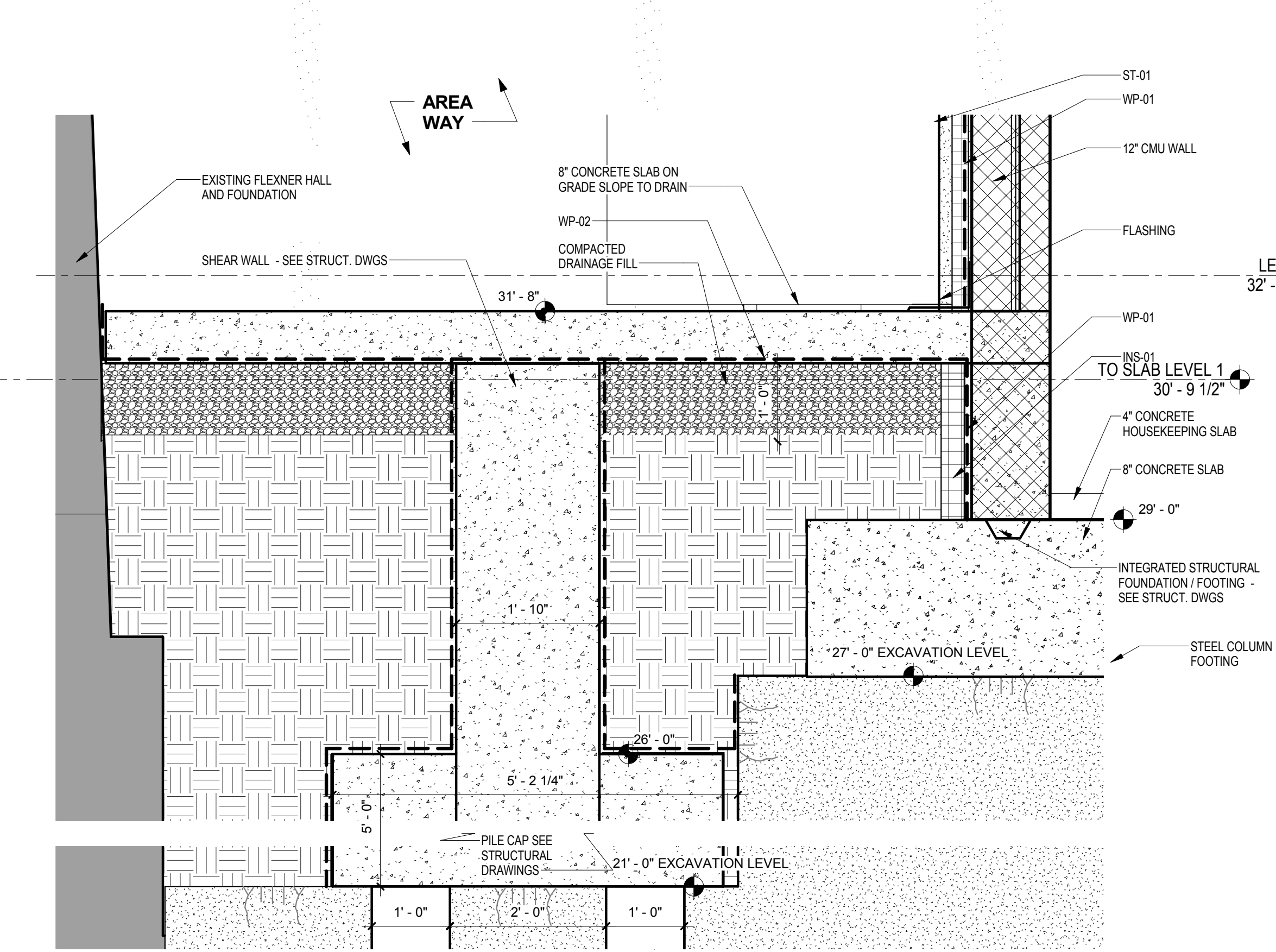
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2	DESIGN DEVELOPMENT	27-FEB-15	
3	DOB SUBMISSION	12-MAR-15	
4	DOB SUBMISSION	31-JULY-15	
5	E&F ADDENDUM 1	31-JULY-15	
6	WATERPROOFING BID PACKAGE	17-AUG-15	
7	PROGRESS SET	30-OCT-15	
8	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
 WATERPROOFING SYSTEM OVERVIEW - ROOF

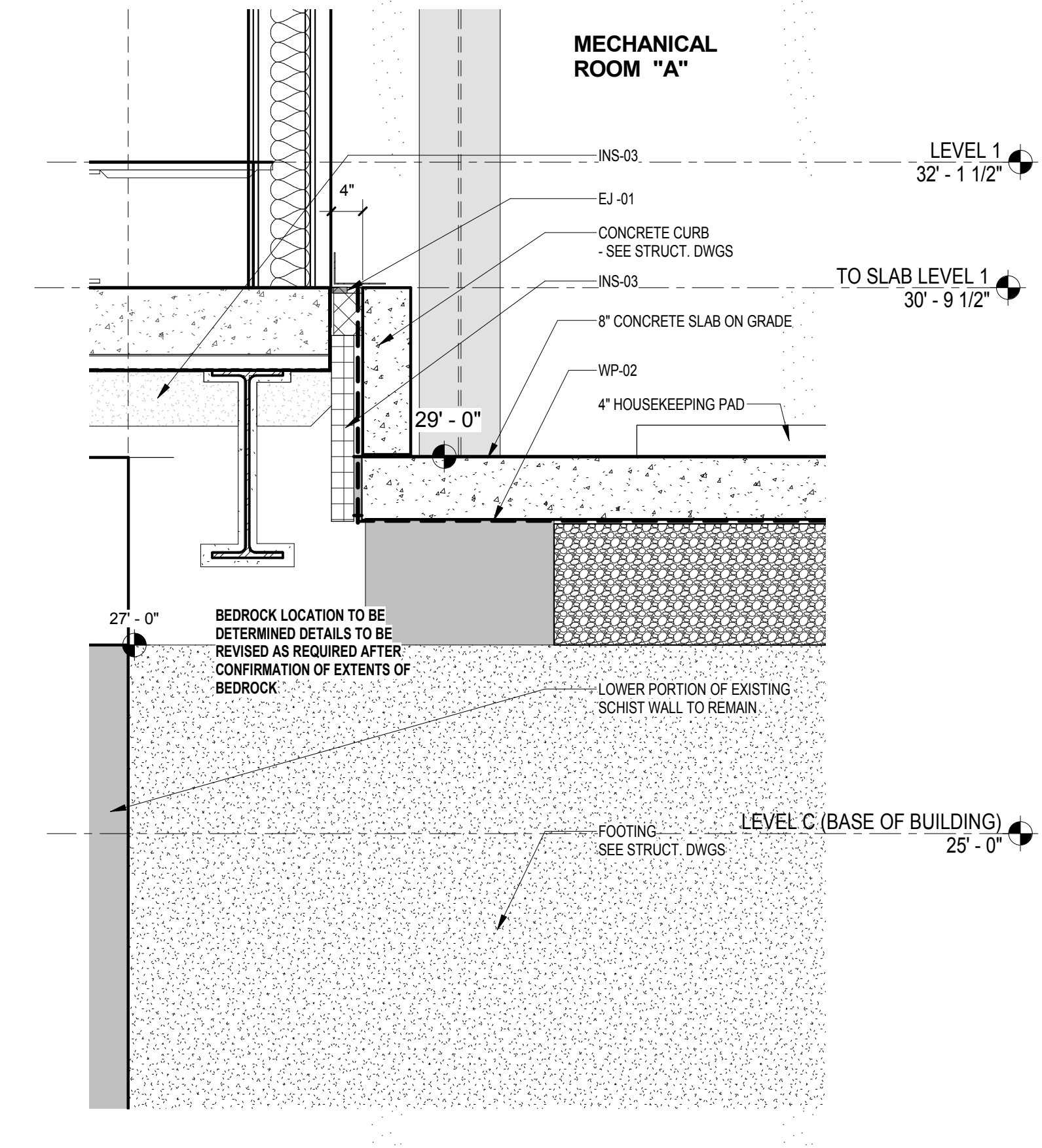
DRAWING NUMBER
 A-390.00

Sheet 165 of 315

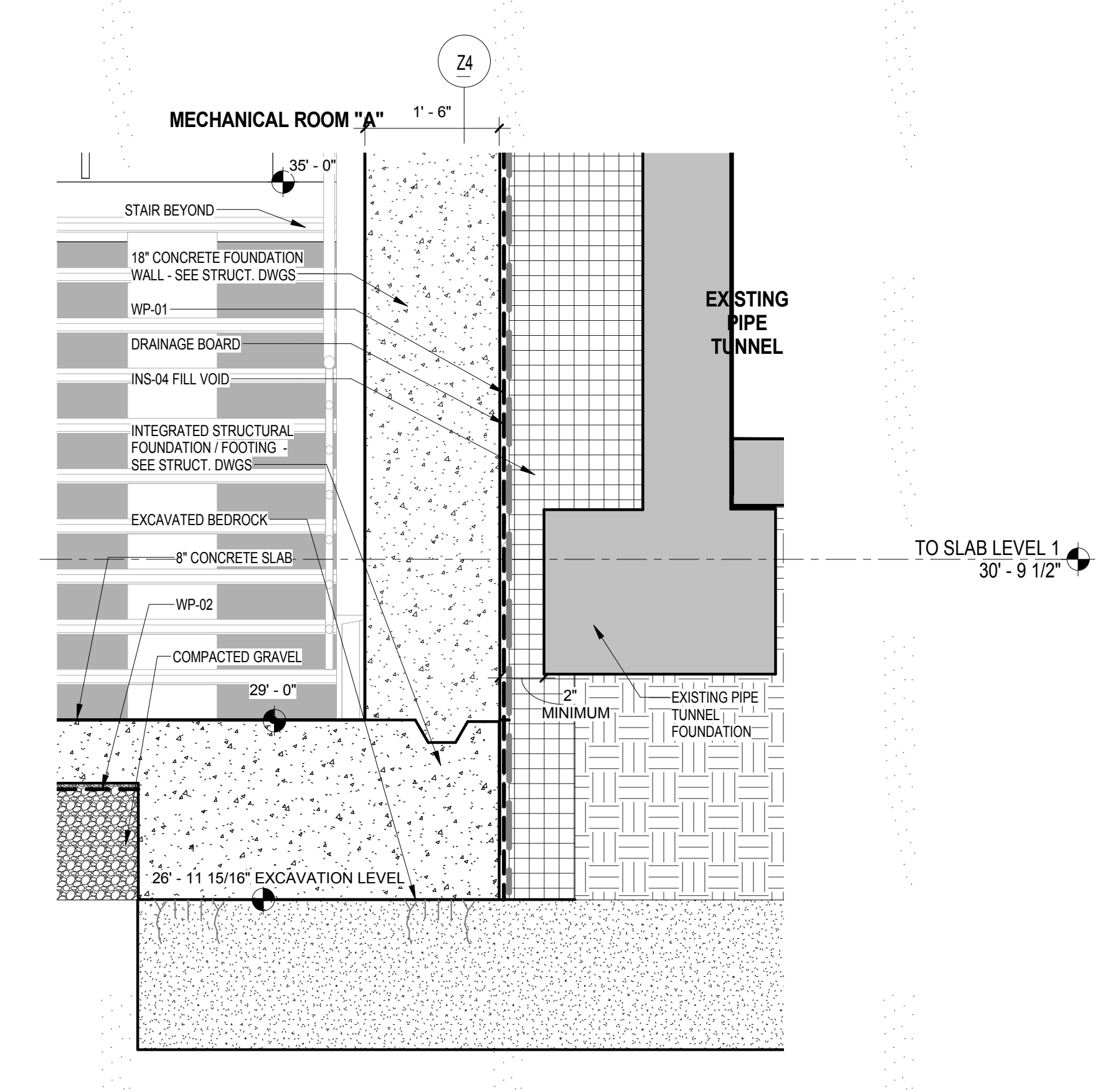
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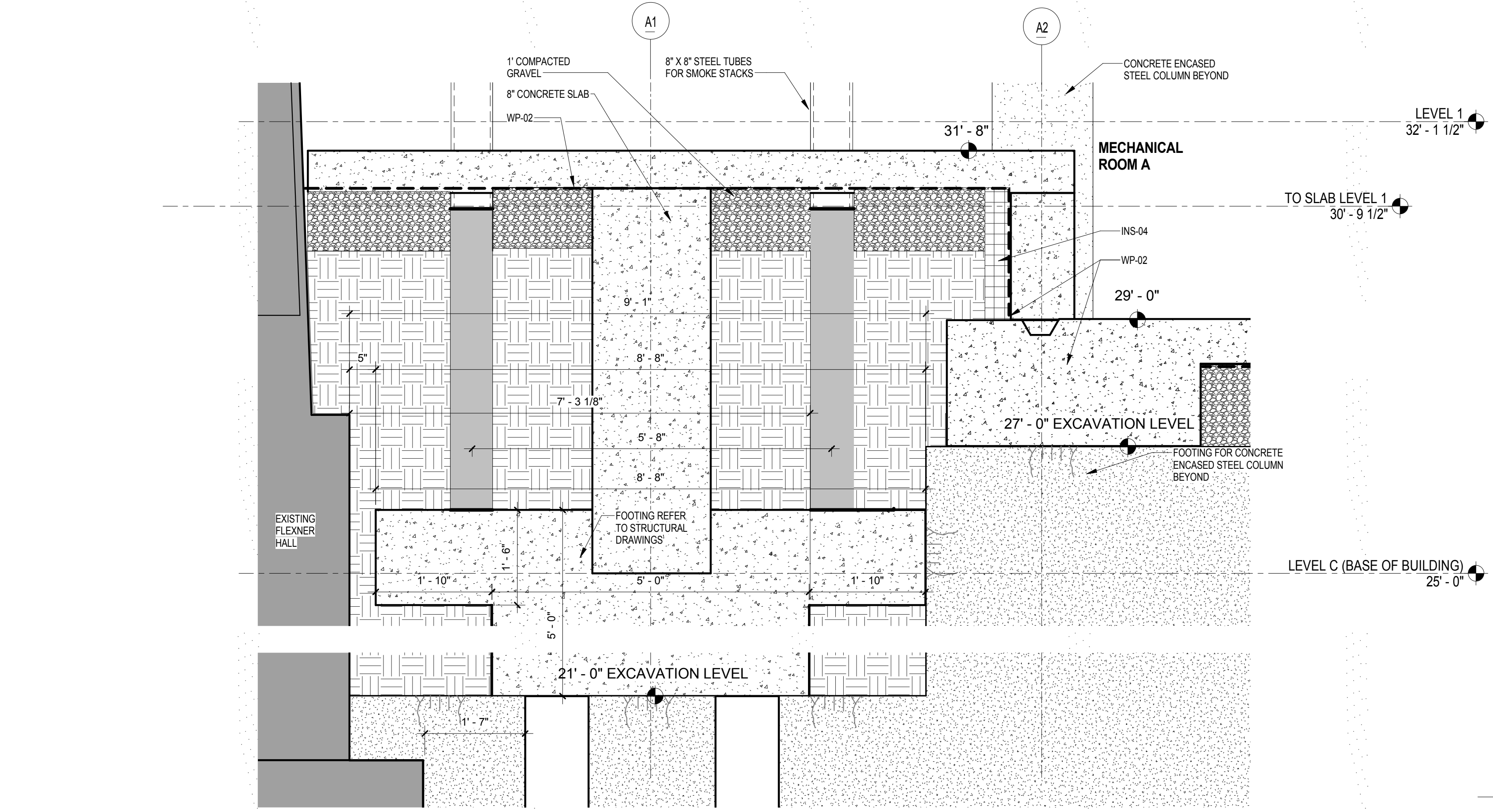
SECTION AT MECHANICAL A NORTH WALL
SCALE: 3/4" = 1'-0" 5



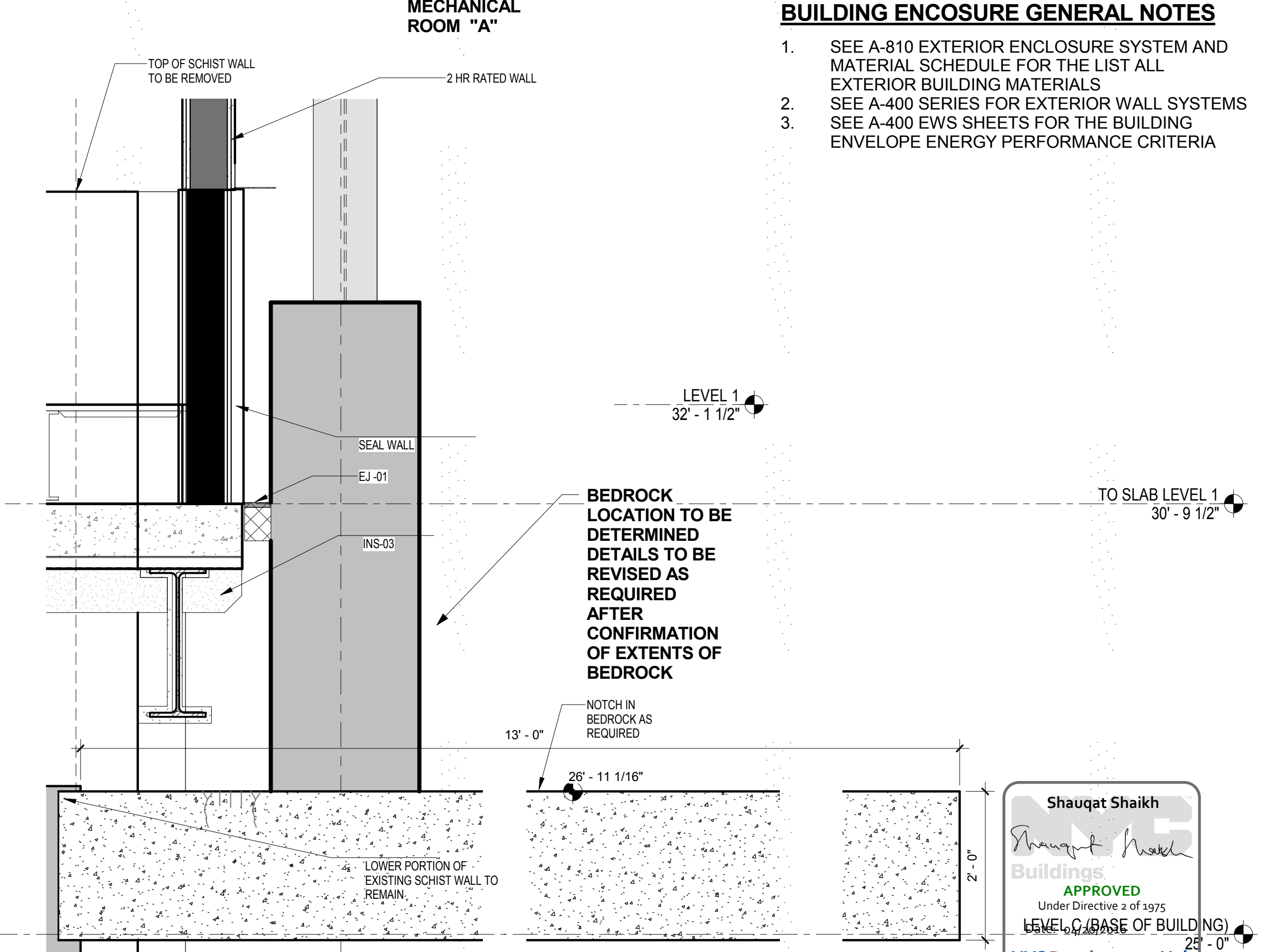
SECTION DETAIL AT MECHANICAL ROOM "A" AND RIVER BUILDING AT ELEV 29'
SCALE: 3/4" = 1'-0" 4



MECH RM A FOUNDATION SECTION
SCALE: 3/4" = 1'-0" 3



FOUNDATION AND WATERPROOFING DETAIL AT MECHANICAL A NORTH
SCALE: 3/4" = 1'-0" 2



SECTION DETAIL AT MECHANICAL ROOM "A" AND RIVER BUILDING AT ELEV. 35'
SCALE: 3/4" = 1'-0" 1

- BUILDING ENCLOSURE GENERAL NOTES**
- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
 - SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
 - SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BEDROCK LOCATION TO BE DETERMINED DETAILS TO BE REVISED AS REQUIRED AFTER CONFIRMATION OF EXTENTS OF BEDROCK

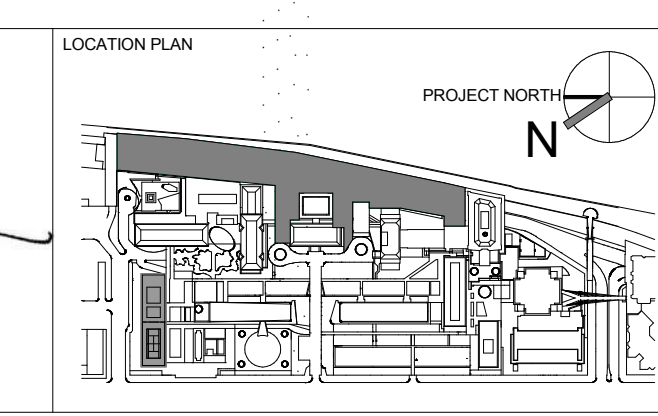
NOTCH IN BEDROCK AS REQUIRED

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Shauqat Shaikh
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 Under Directive 2 of 1975
 LEVEL C (BASE OF BUILDING)
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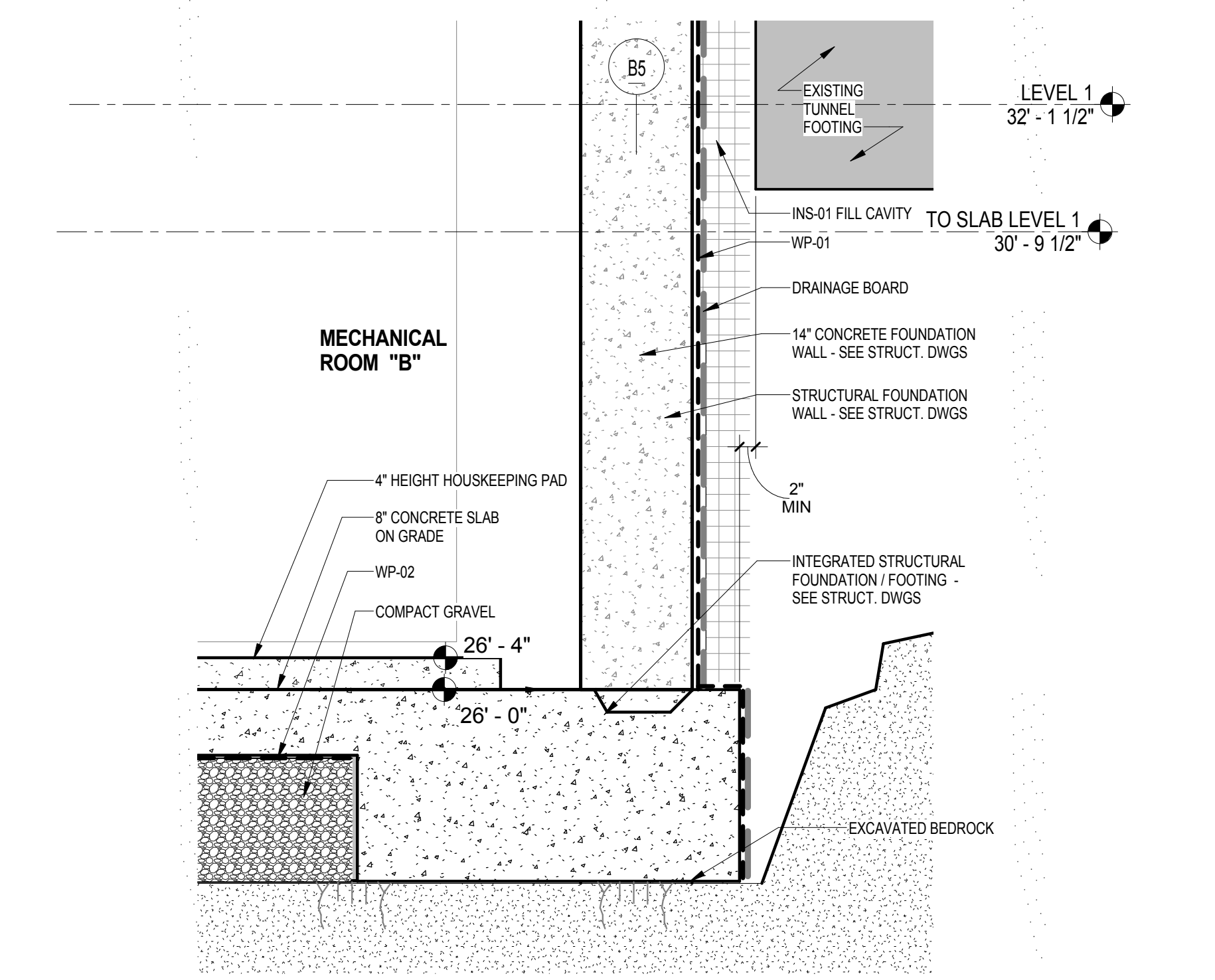
ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.
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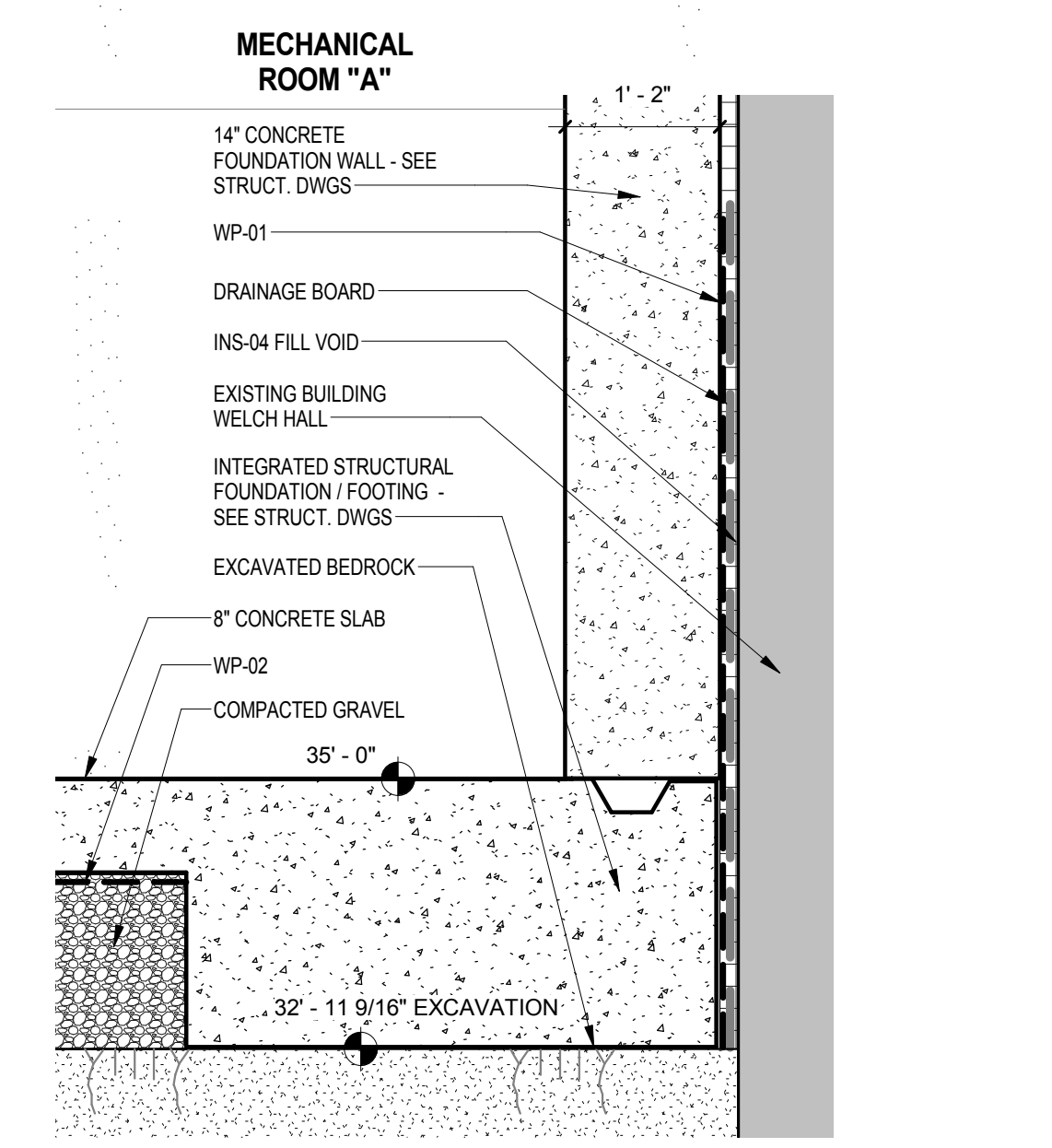


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2	PROGRESS SET	30-OCT-15		
3	DOB SUBMISSION -RB	16-DEC-15		

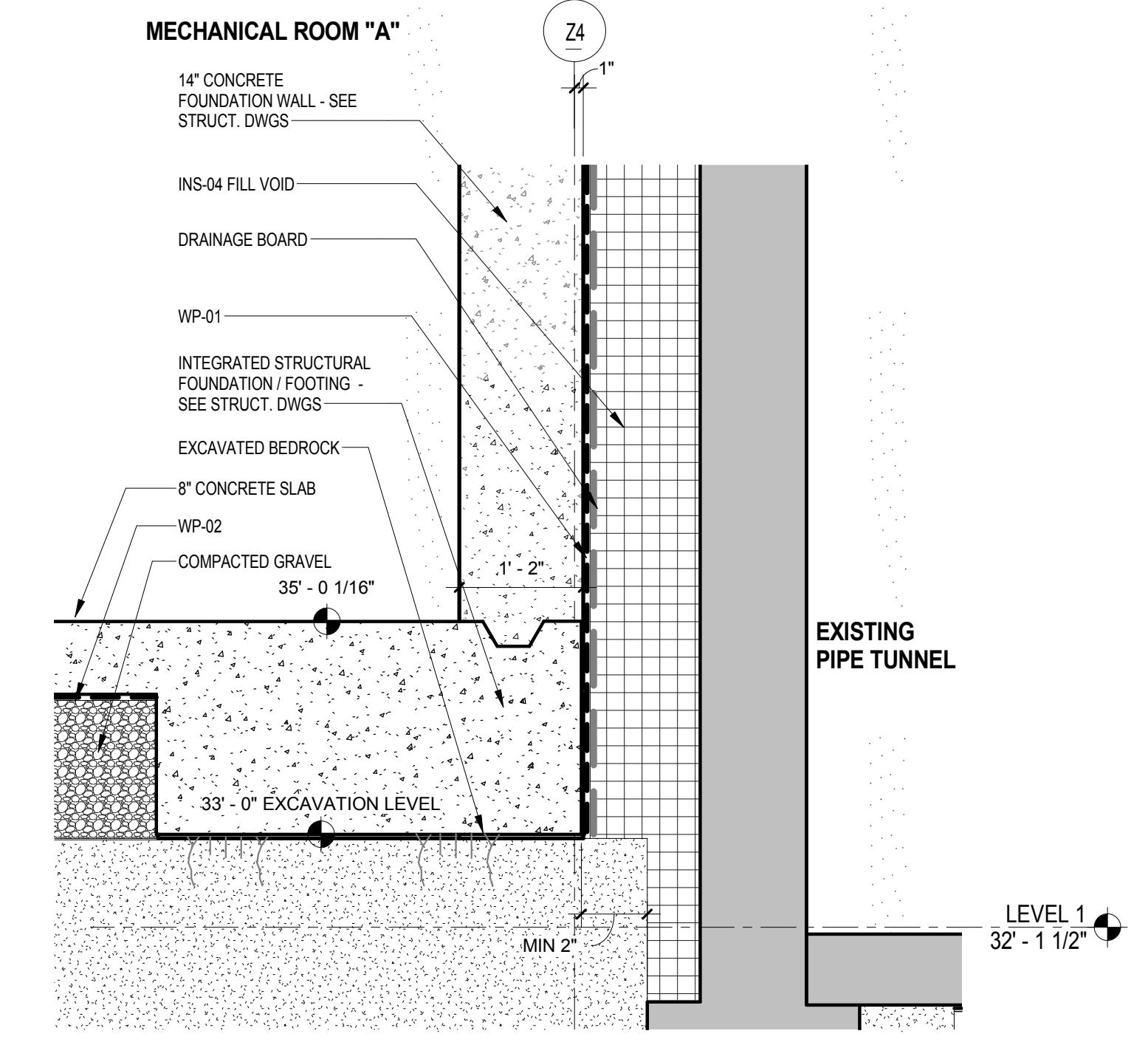
ARCHITECTS PROJECT NUMBER: 664.100
 DRAWING SIZE: 24" x 36"
 DRAWING SCALE: As indicated
 PROJECT PHASE: CONSTRUCTION DOCUMENTS
A-391.00
 Sheet 166 of 315
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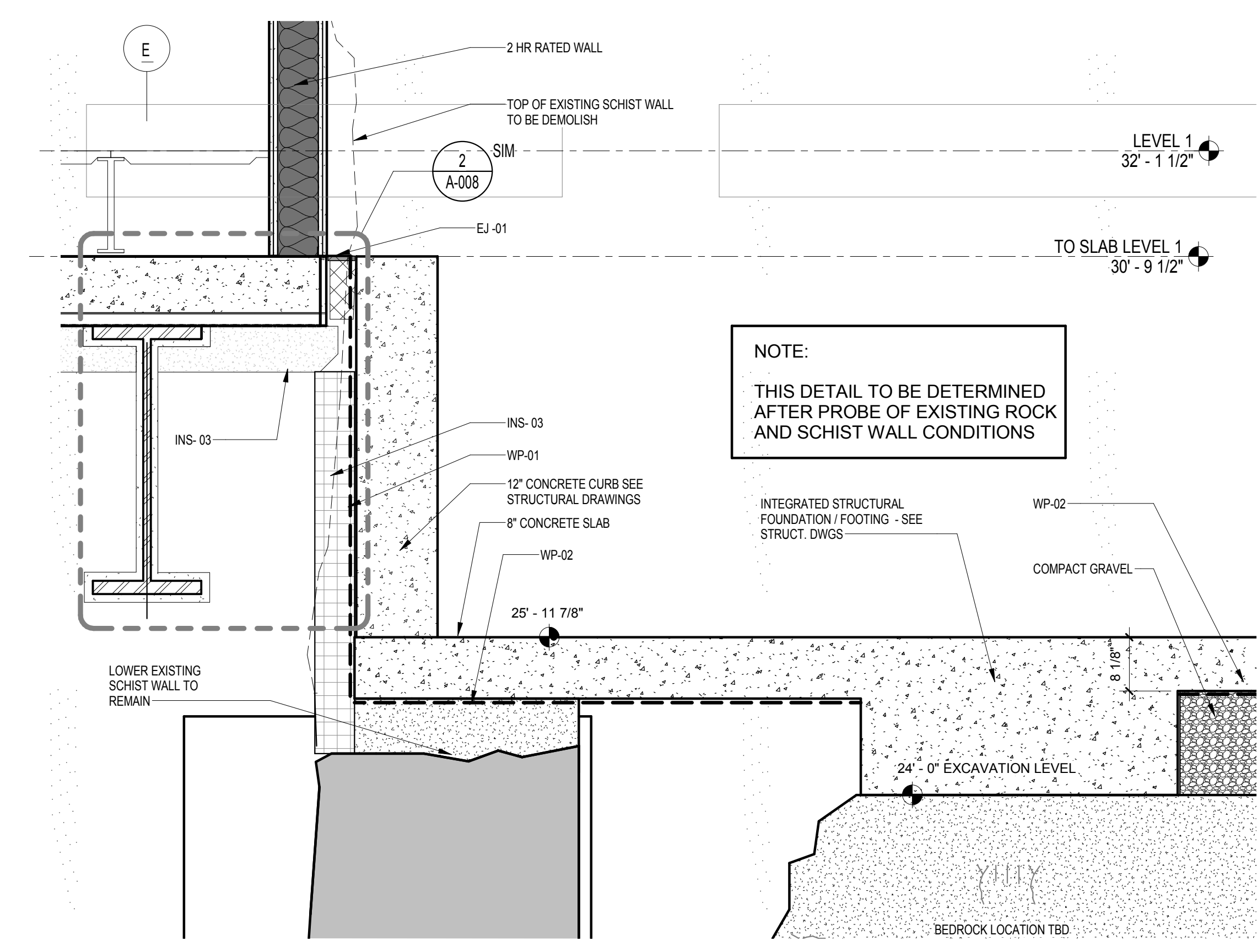
MECHANICAL ROOM "B" FOUNDATION DETAIL
SCALE: 3/4" = 1'-0" 6



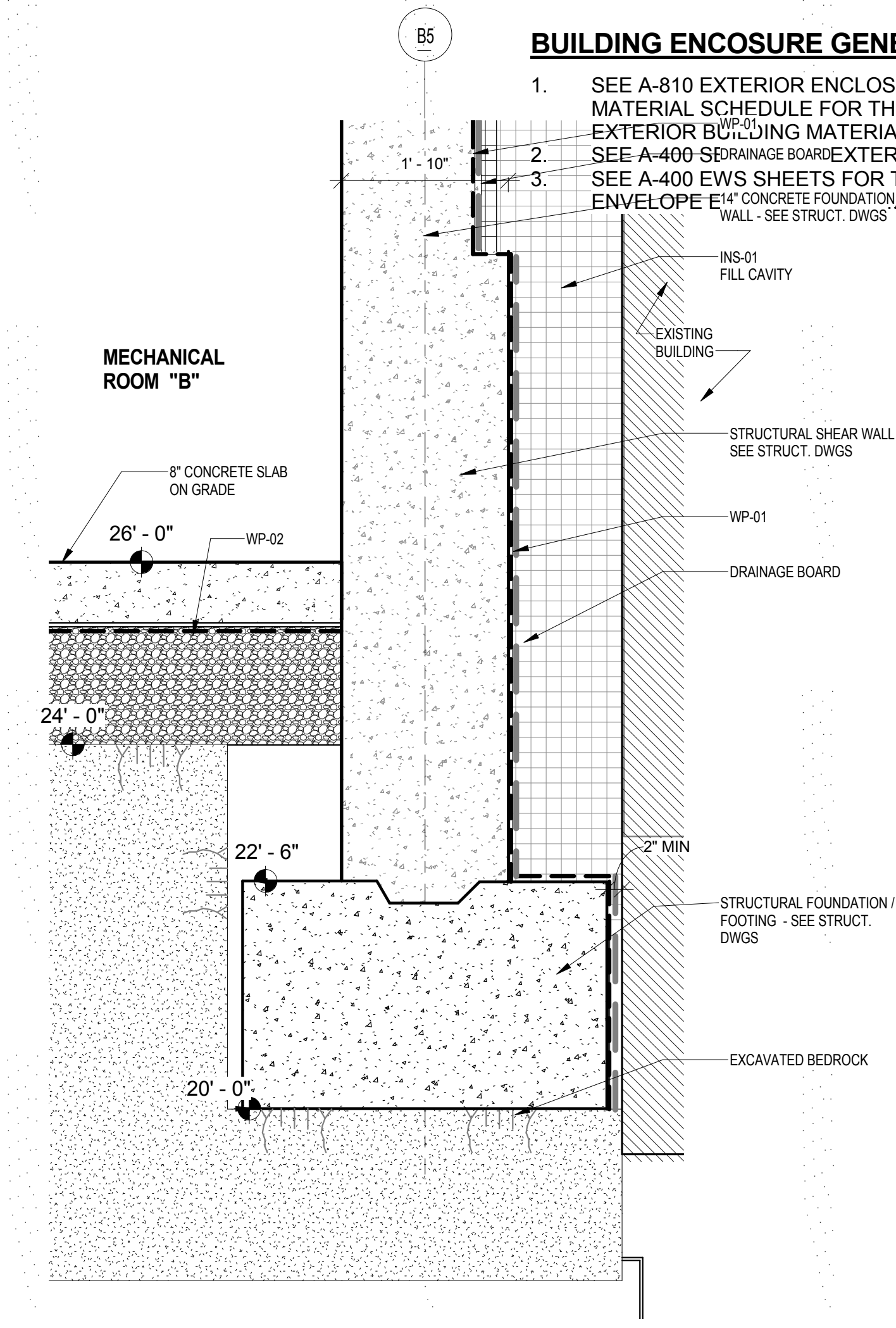
SECTION AT A6 COLUMN LINE
SCALE: 3/4" = 1'-0" 5



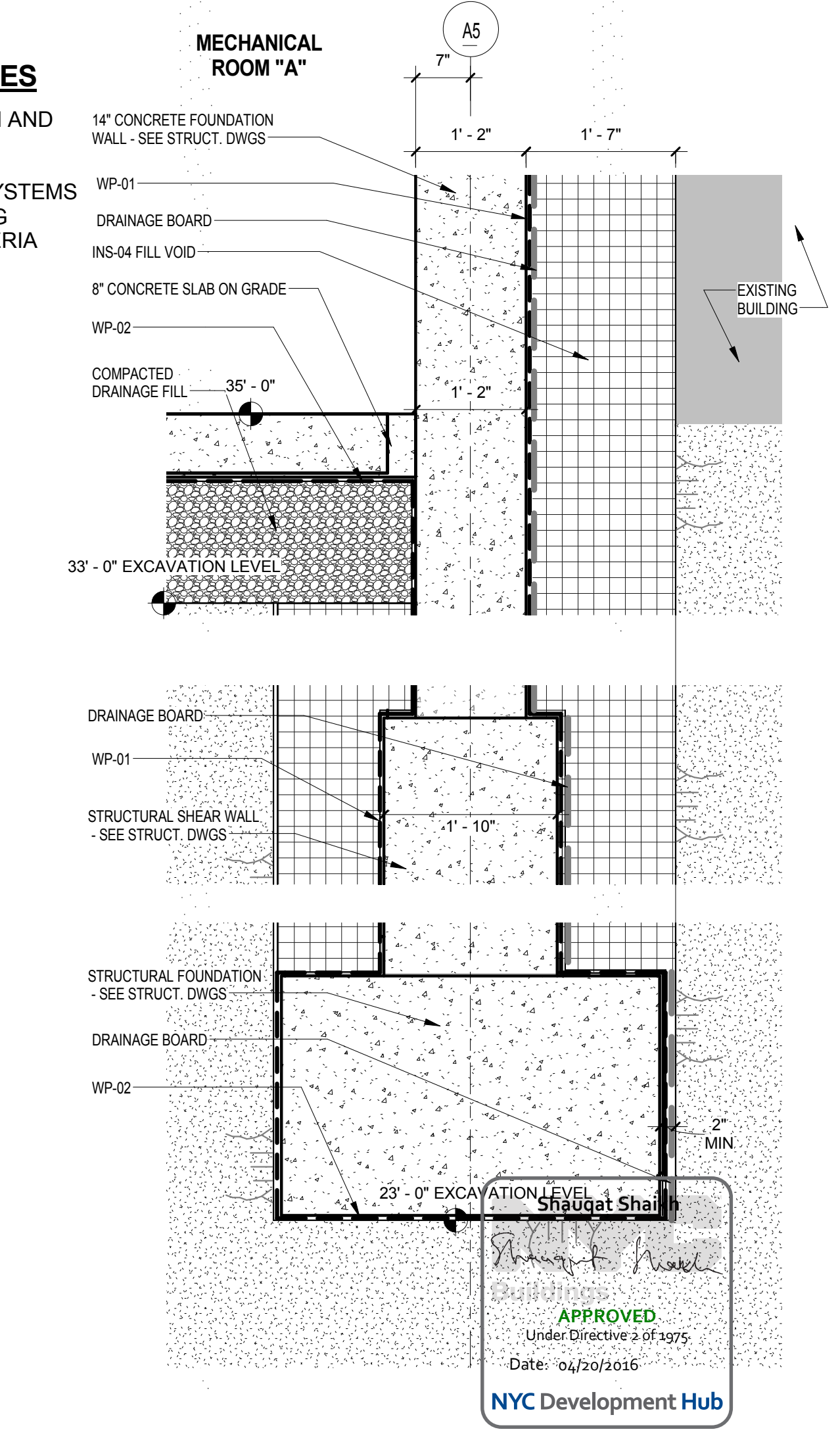
WATERPROOFING SECTION AT COL. LINE Z4
SCALE: 3/4" = 1'-0" 4



SECTION DETAIL AT MECH ROOM "B" AND RIVER BUILDING
SCALE: 3/4" = 1'-0" 3



SECTION AT B5 COLUMN LINE
SCALE: 3/4" = 1'-0" 2



SECTION AT A5 COLUMN LINE
SCALE: 3/4" = 1'-0" 1

BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE PERFORMANCE CRITERIA

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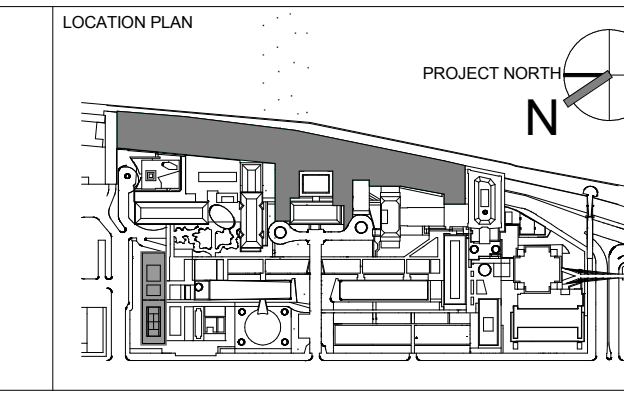
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REV	DESCRIPTION	DATE
1	WATERPROOFING BID PACKAGE	17-AUG-15
2	PROGRESS SET	30-OCT-15
3	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
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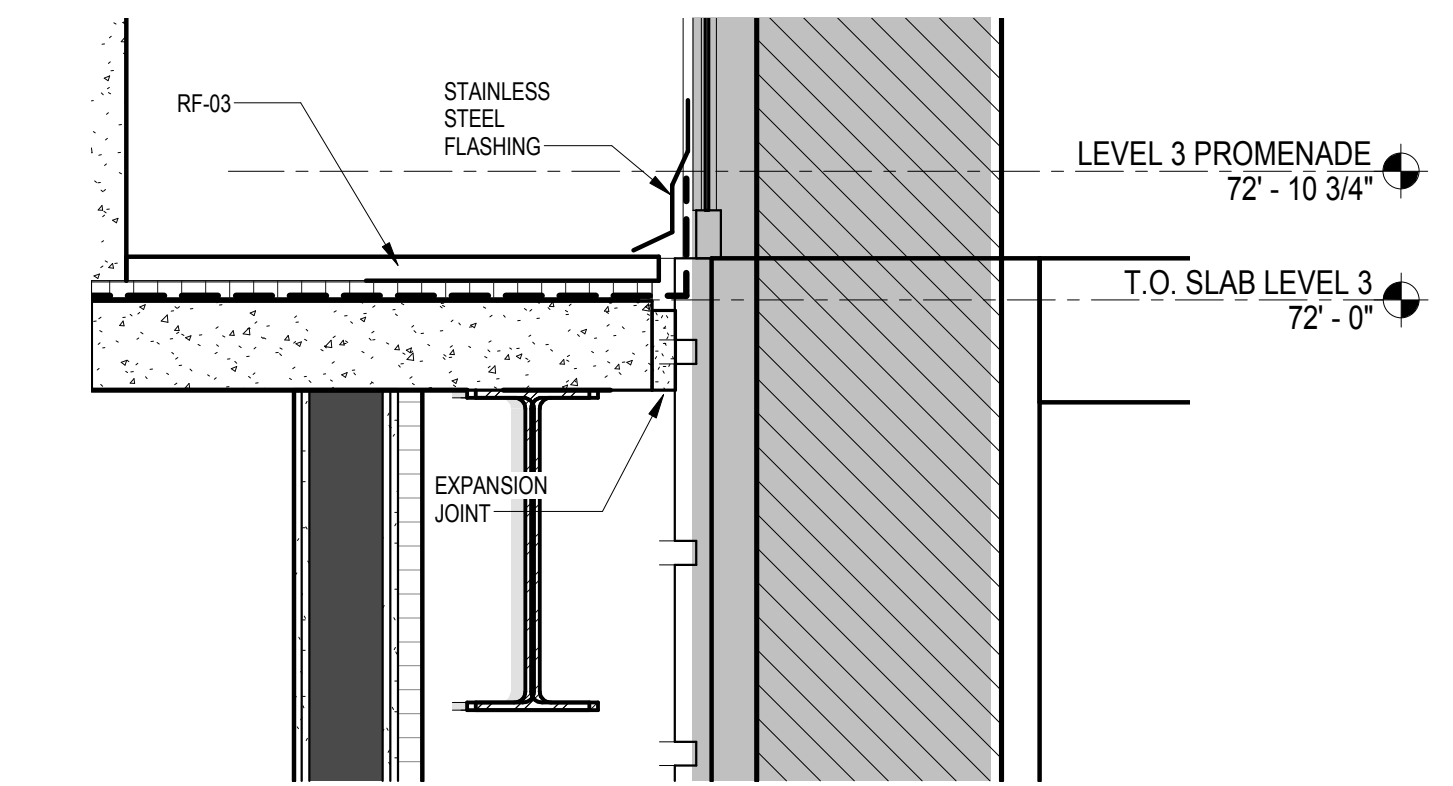
DRAWING SCALE
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PROJECT PHASE
CONSTRUCTION DOCUMENTS

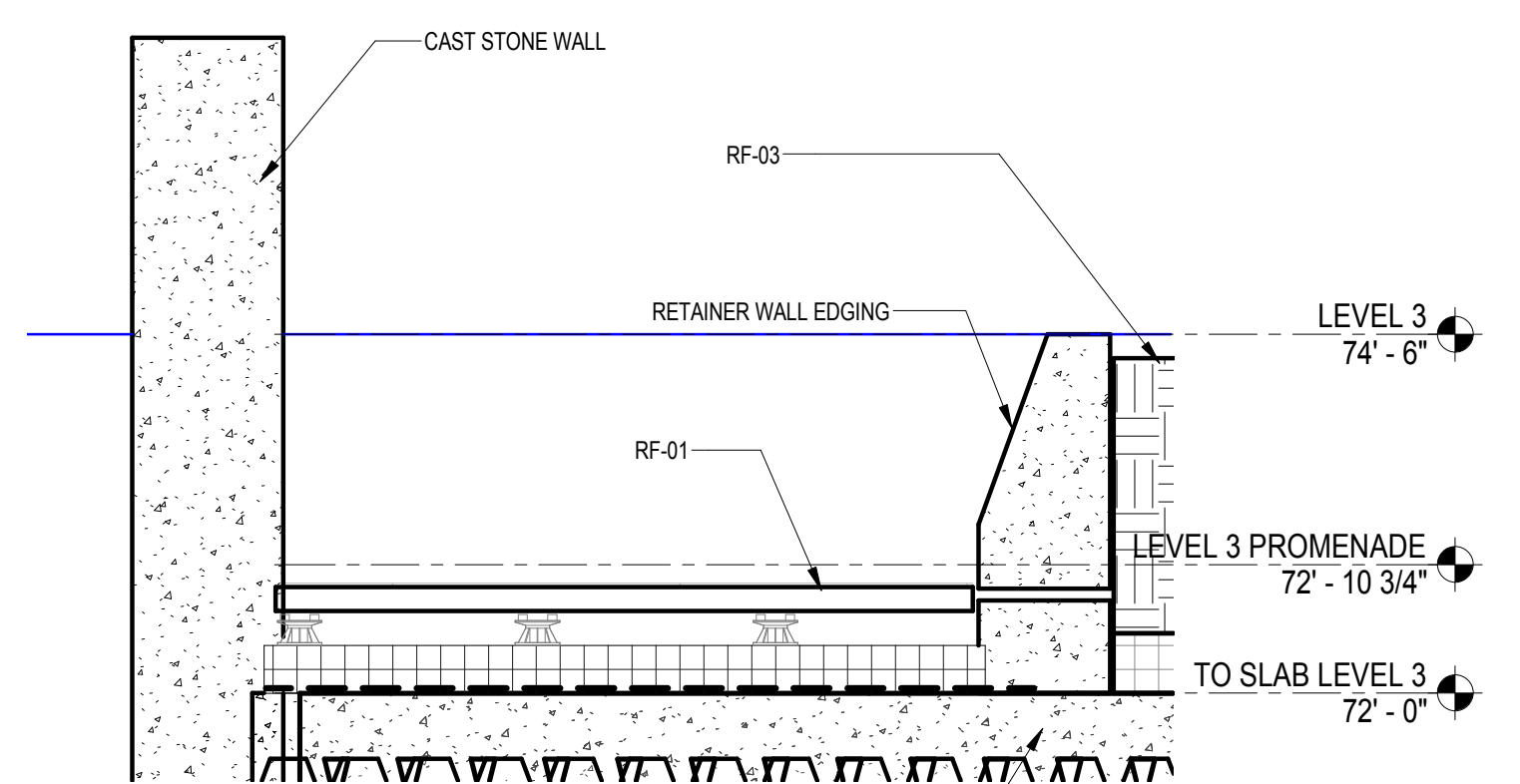
FOUNDATION AND WATERPROOFING DETAILS

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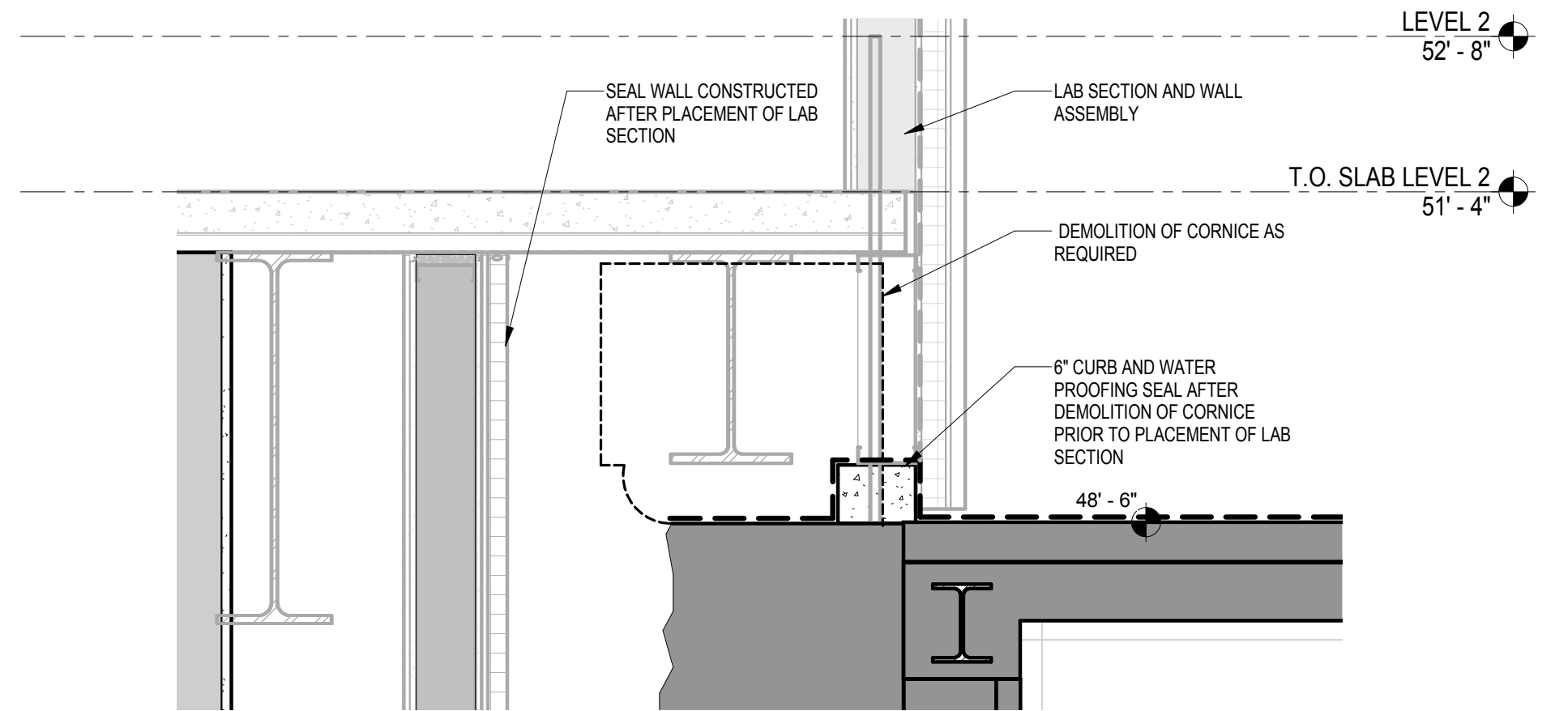
Sheet 167 of 315



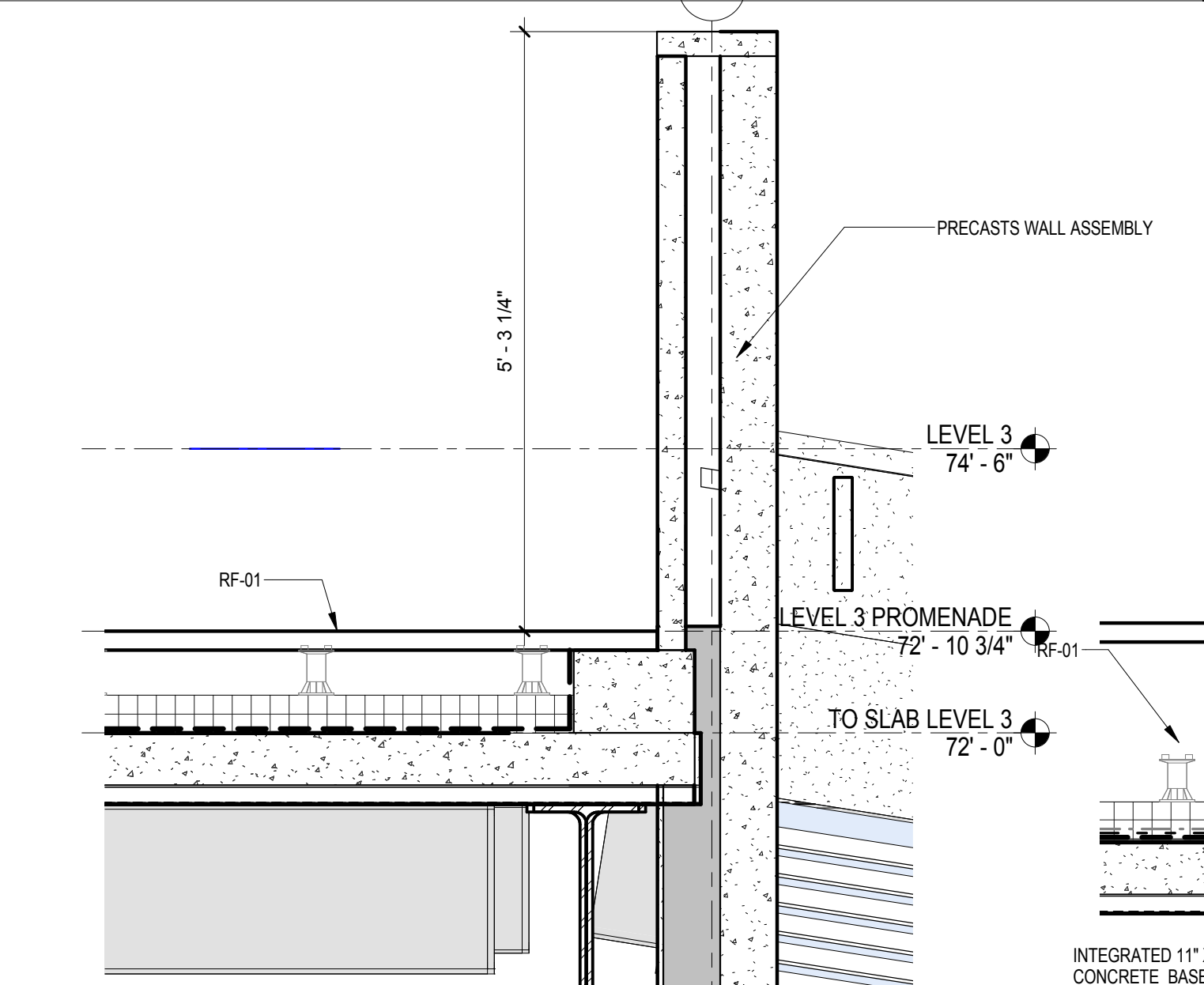
DETAIL AND WATERPROOFING SECTION AT NURSES COL. LINE 7.50
SCALE: 3/4" = 1'-0" 7



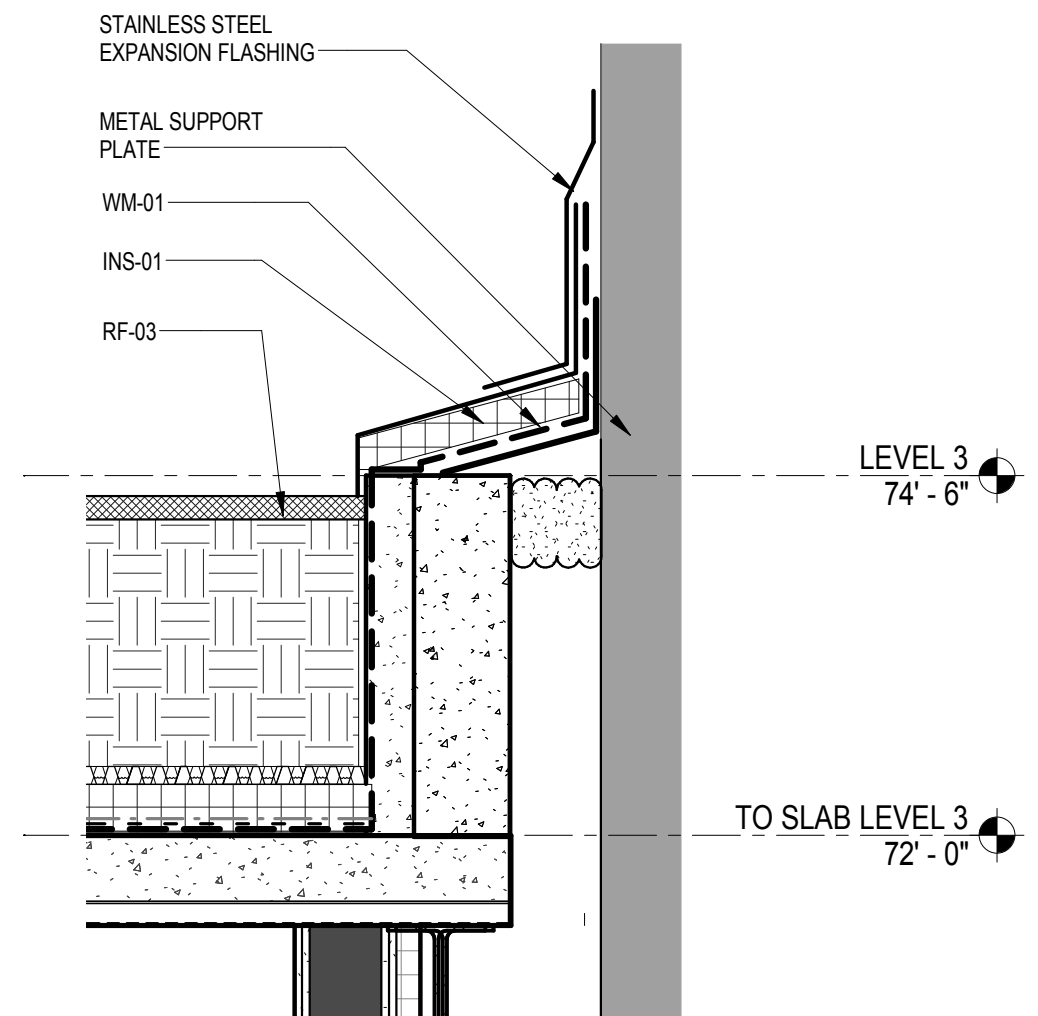
STRUCTURAL SLAB ROOF NURSES EGRESS PATH
SCALE: 3/4" = 1'-0" 6



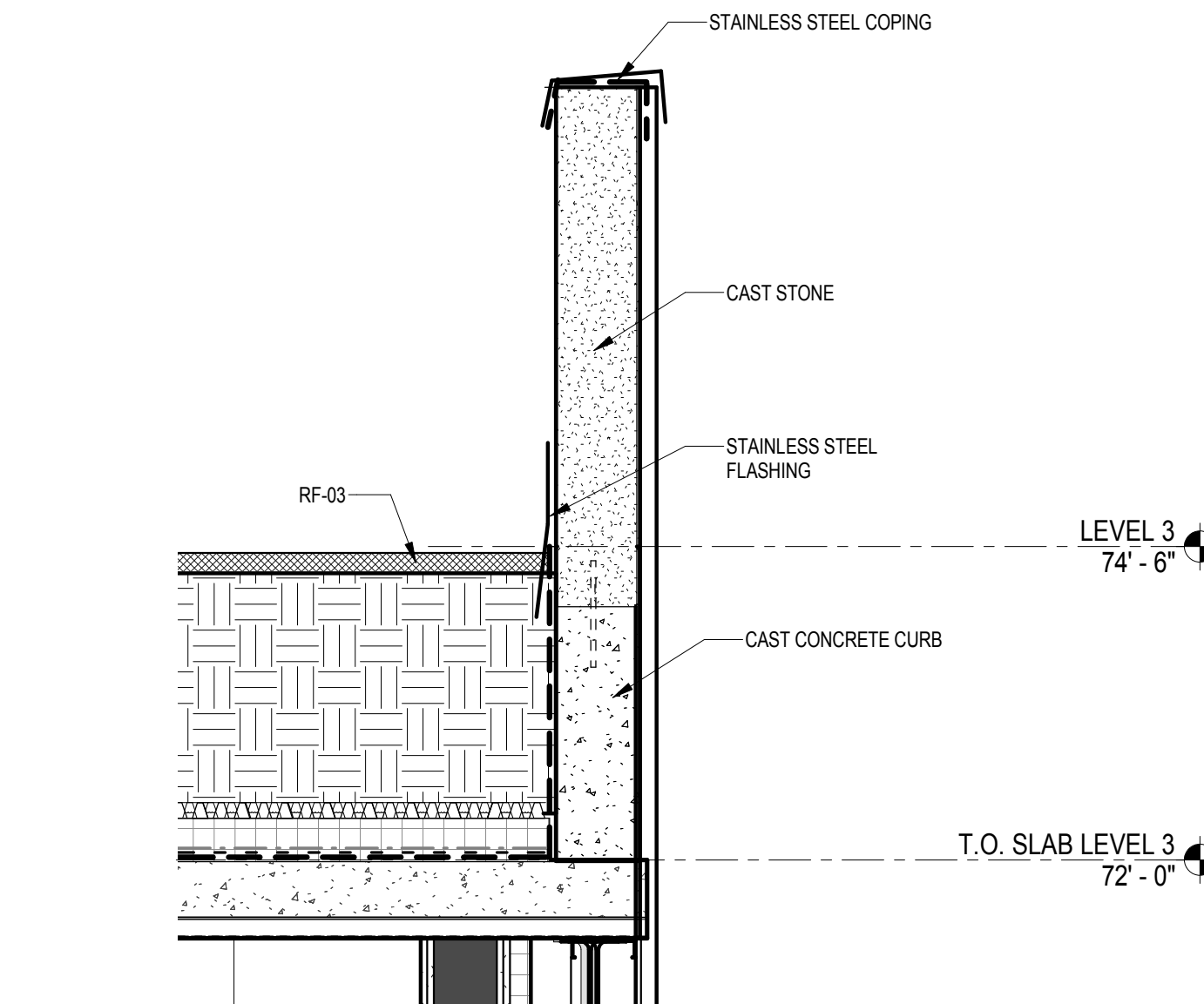
CONNECTION SECTION SCHIT WALL CURB DETAIL SKETCH SKA 204
SCALE: 3/4" = 1'-0" 8



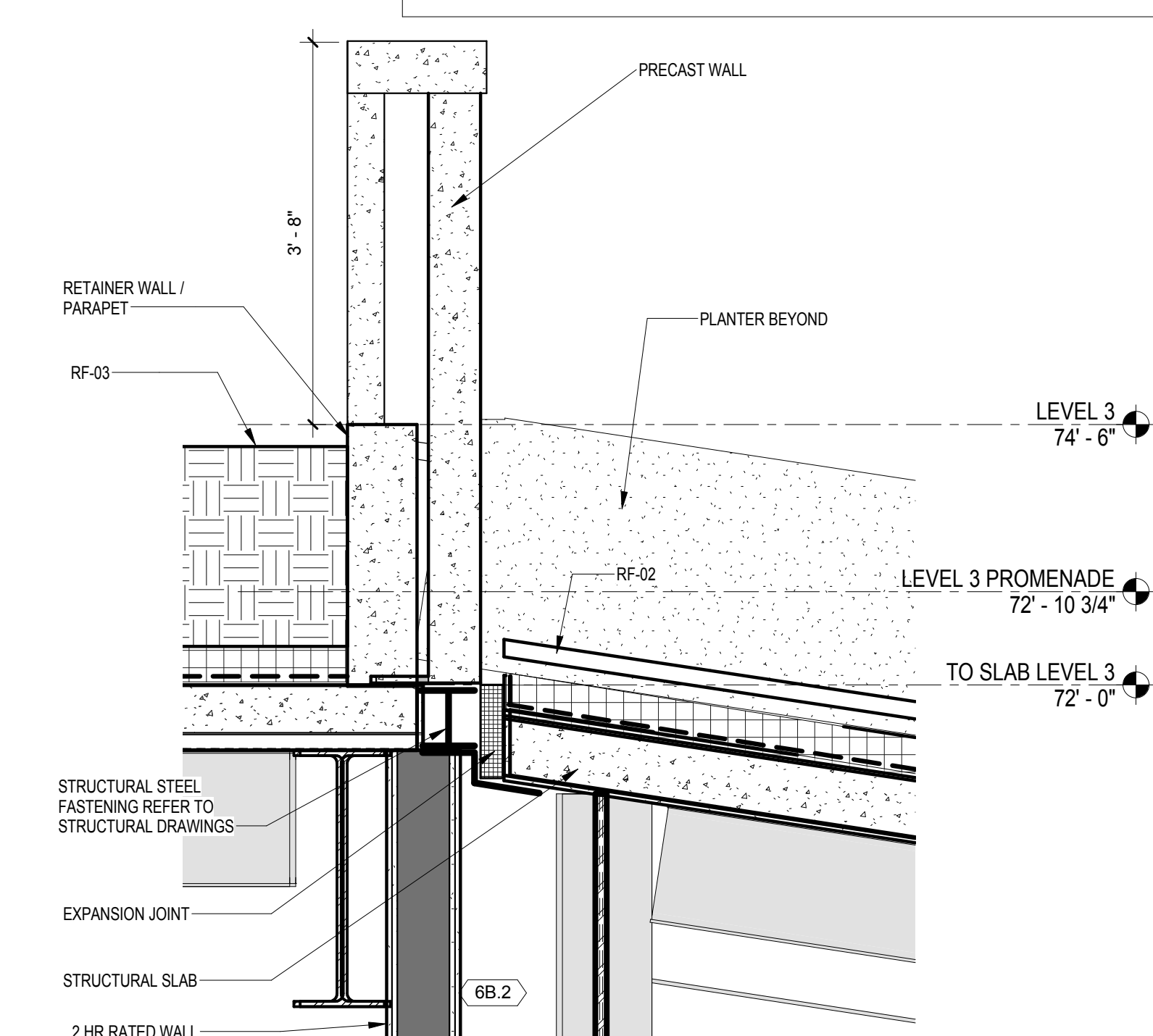
SITE STAIR 2 TOP SECTION
SCALE: 3/4" = 1'-0" 5



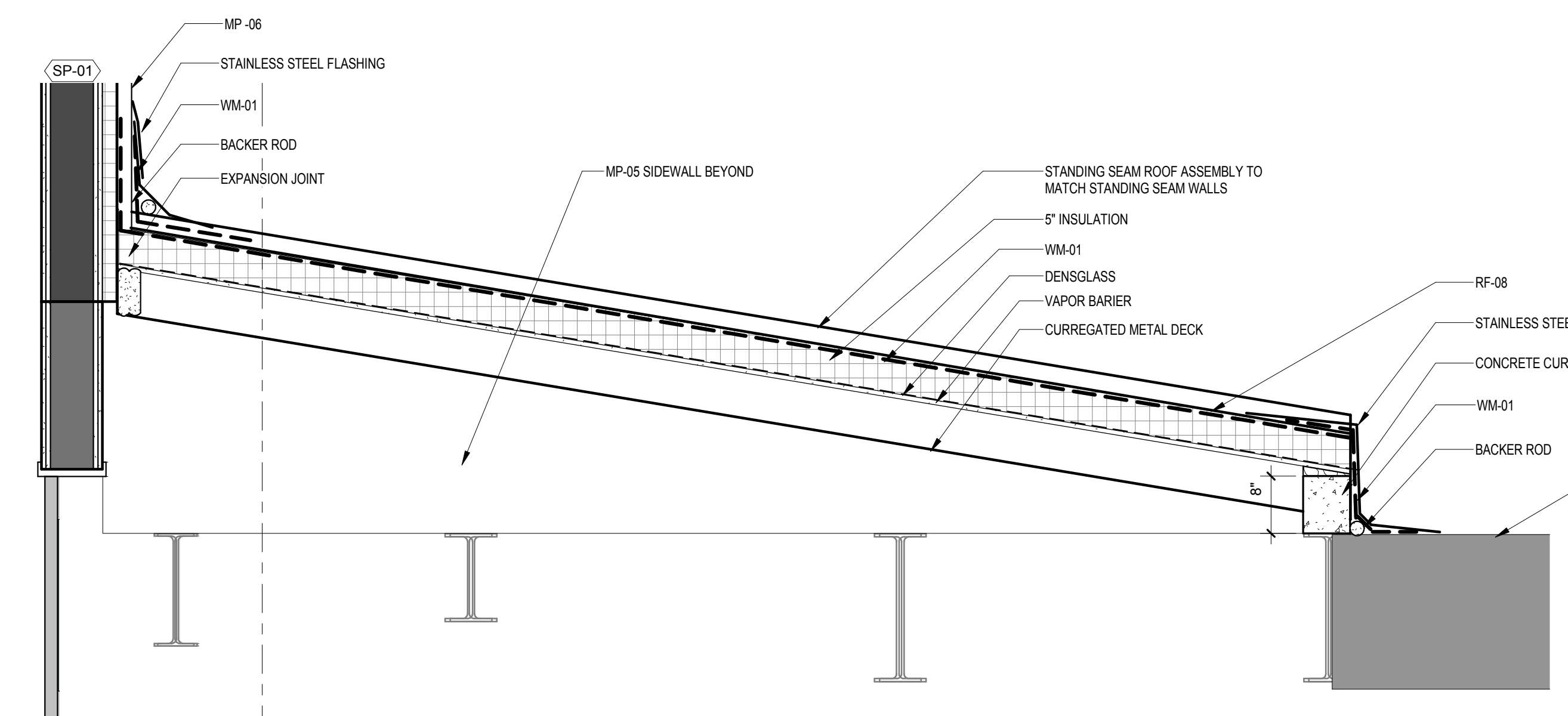
DETAIL AND WATERPROOFING AT FLEXNER HALL COL. LINE 4.75
SCALE: 3/4" = 1'-0" 4



DETAIL AND WATERPROOFING AT SMITH HALL ANNEX COL. LINE 2.75
SCALE: 3/4" = 1'-0" 1



SITE STAIR 4 TOP SECTION
SCALE: 3/4" = 1'-0" 3



DETAIL AND WATERPROOFING AT COL. LINE 3.75 SMITH HALL ANNEX ROOF
SCALE: 3/4" = 1'-0" 2

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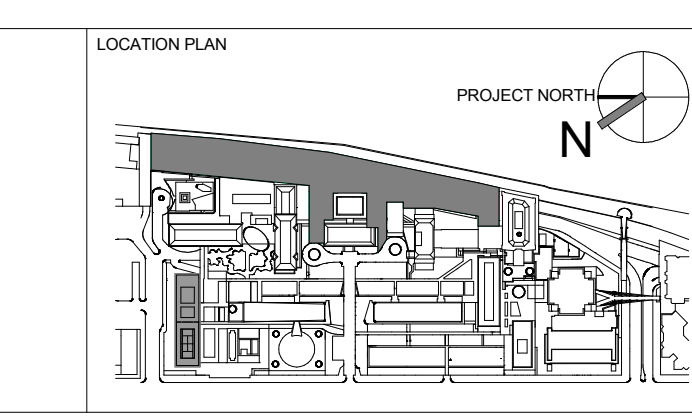
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THORNTON TOMASETTI, INC.
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REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	WATERPROOFING BID PACKAGE	17-AUG-15
2	PROGRESS SET	30-OCT-15
3	DOB SUBMISSION -RB	16-DEC-15

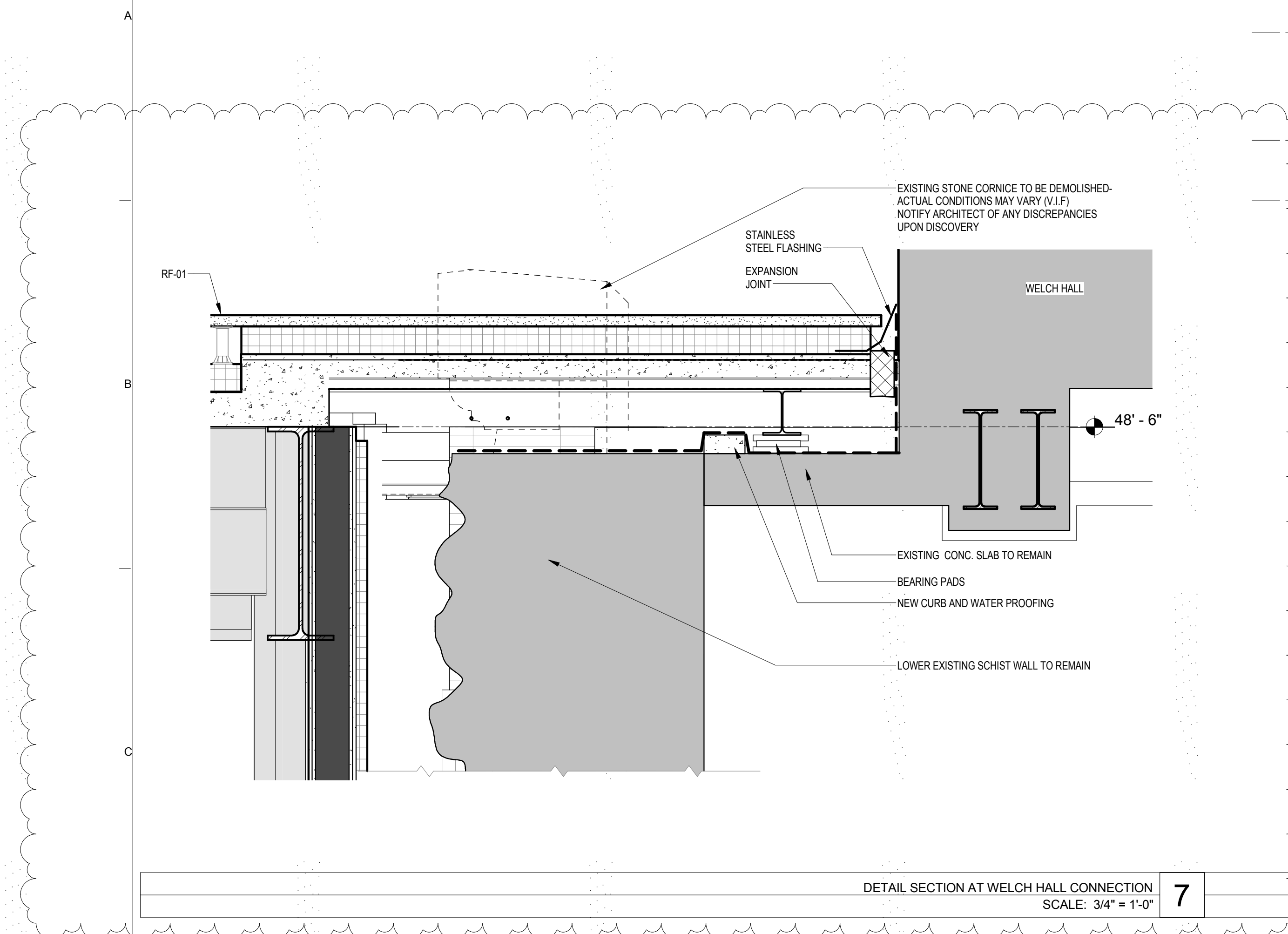
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664.100

DRAWING TITLE
ROOF DETAILS AND WATERPROOFING 01

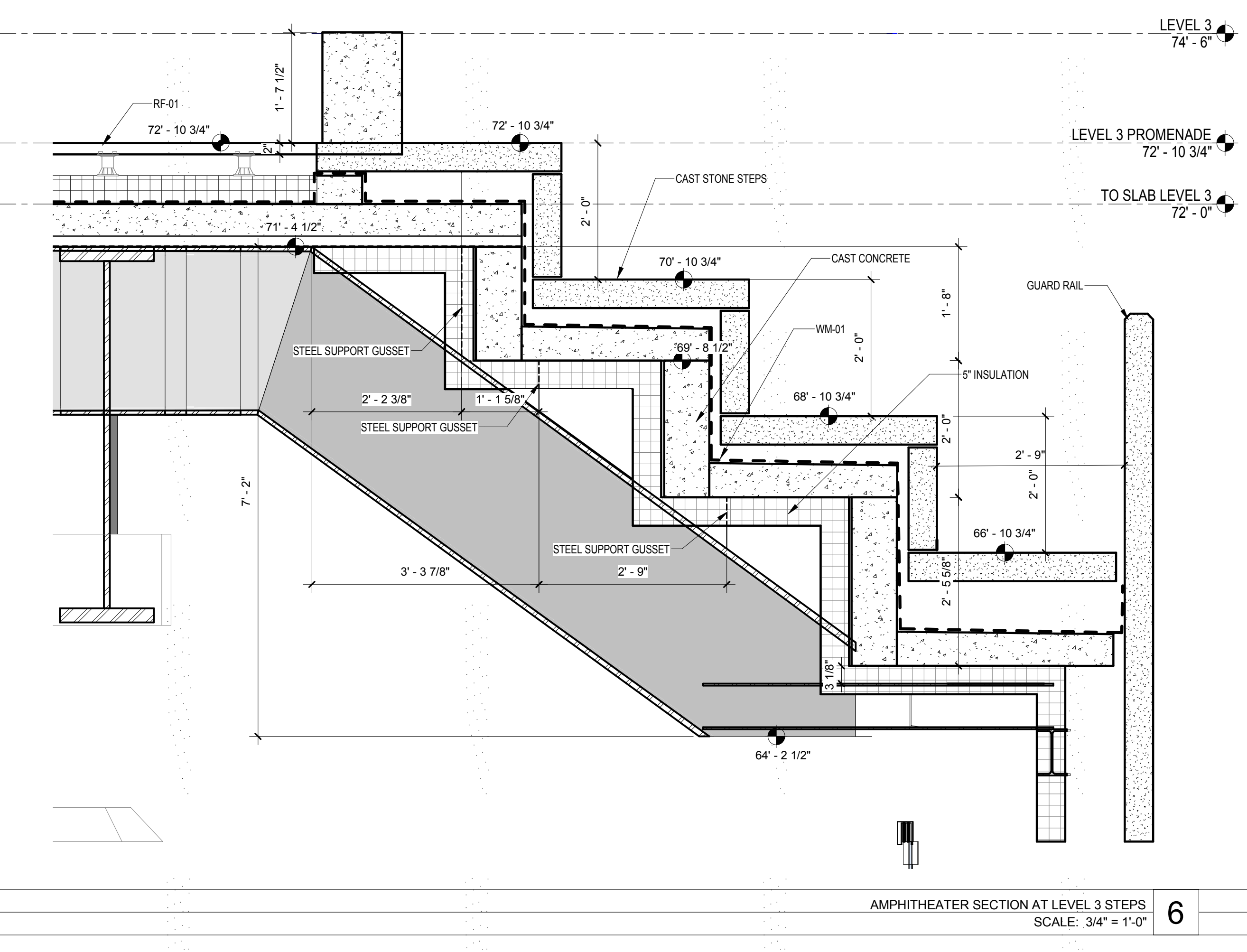
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Sheet 168 of 315

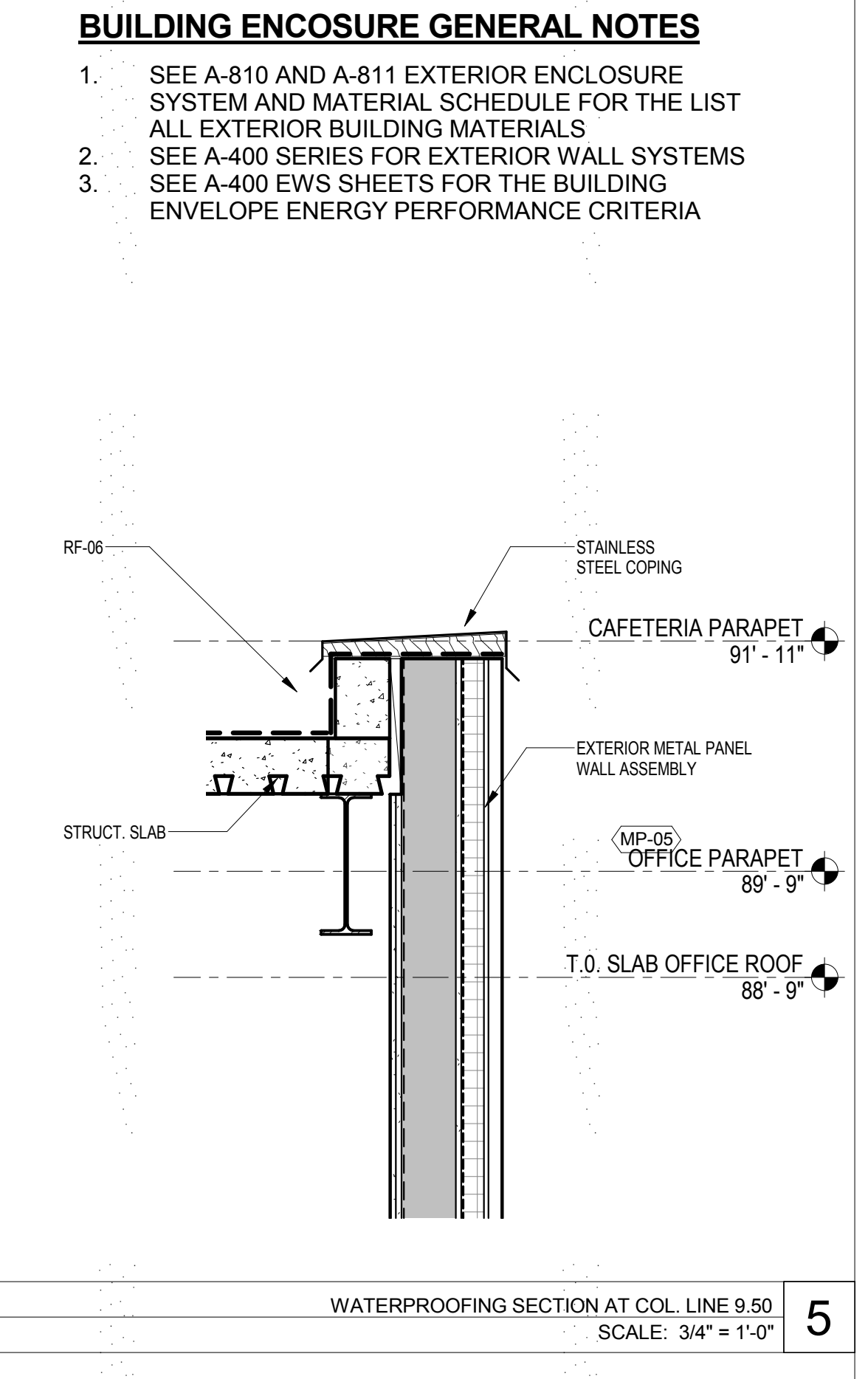
Shauqat Shaikh
Shauqat Shaikh Buildings
APPROVED
Under Directive 2014-075
Date: 04/20/2016
NYC Development Hub



DETAIL SECTION AT WELCH HALL CONNECTION
SCALE: 3/4" = 1'-0" 7

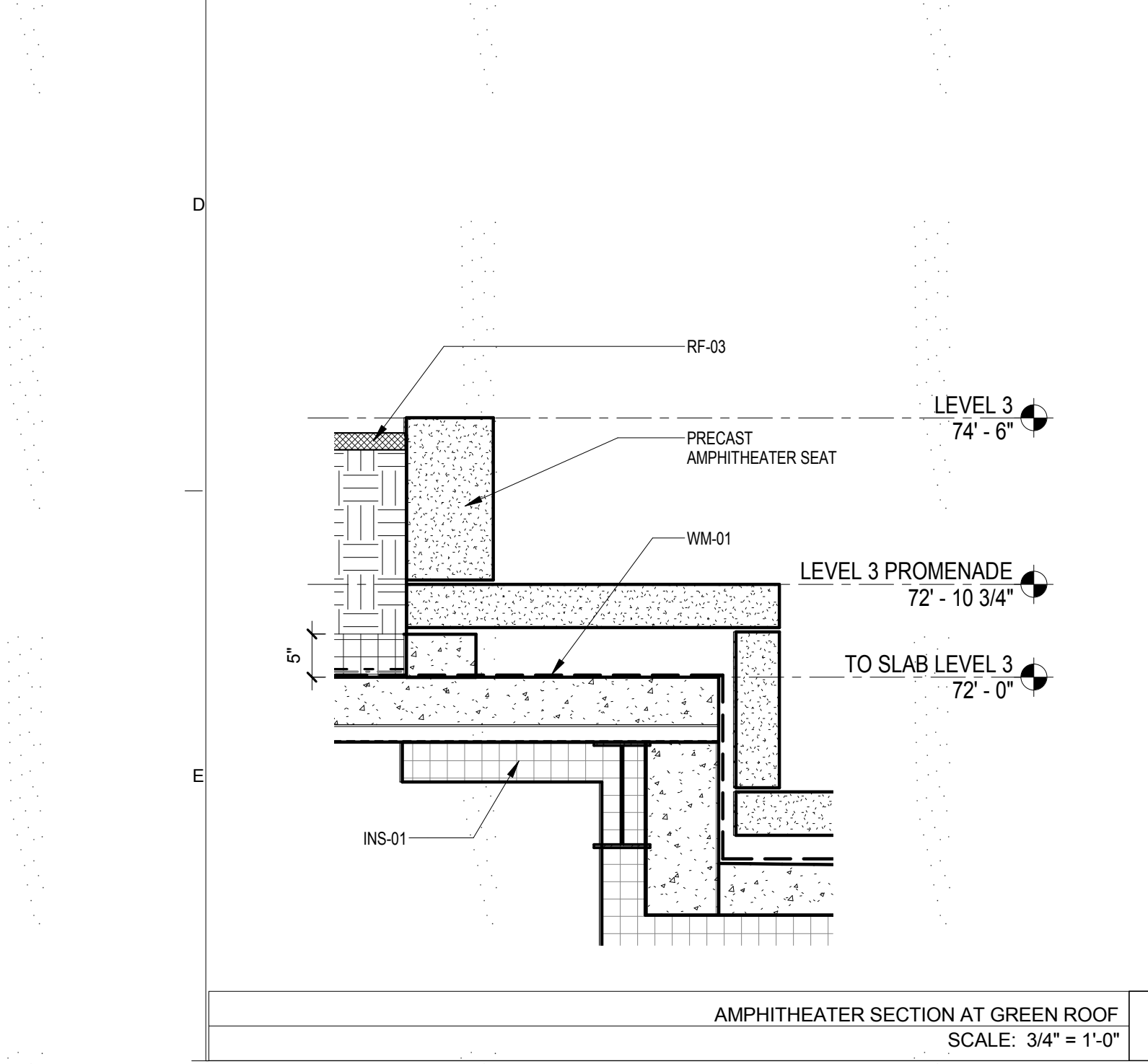


AMPHITHEATER SECTION AT LEVEL 3 STEPS
SCALE: 3/4" = 1'-0" 6

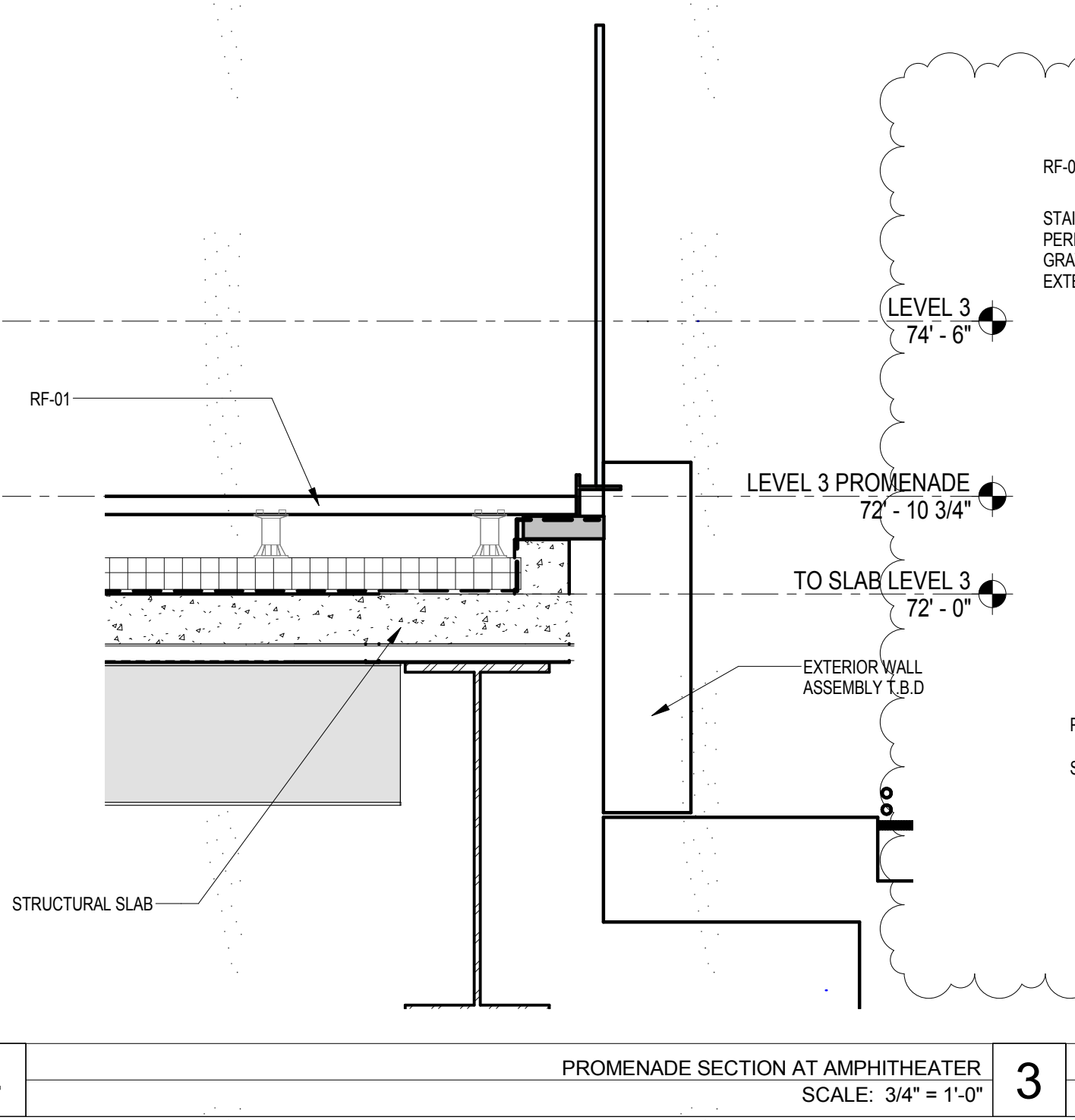


WATERPROOFING SECTION AT COL. LINE 9.50
SCALE: 3/4" = 1'-0" 5

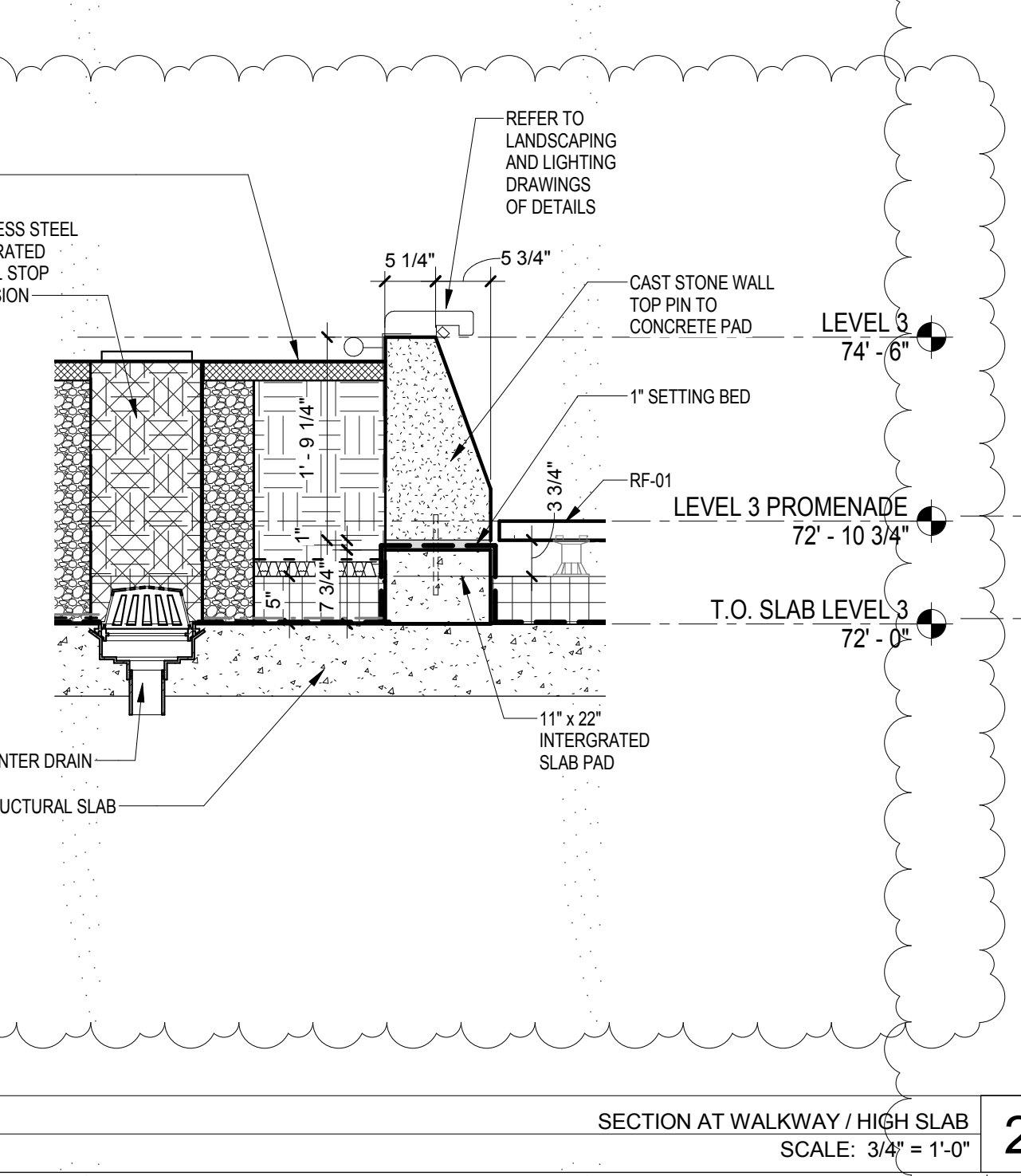
- BUILDING ENCLOSURE GENERAL NOTES**
- SEE A-810 AND A-811 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
 - SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
 - SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA



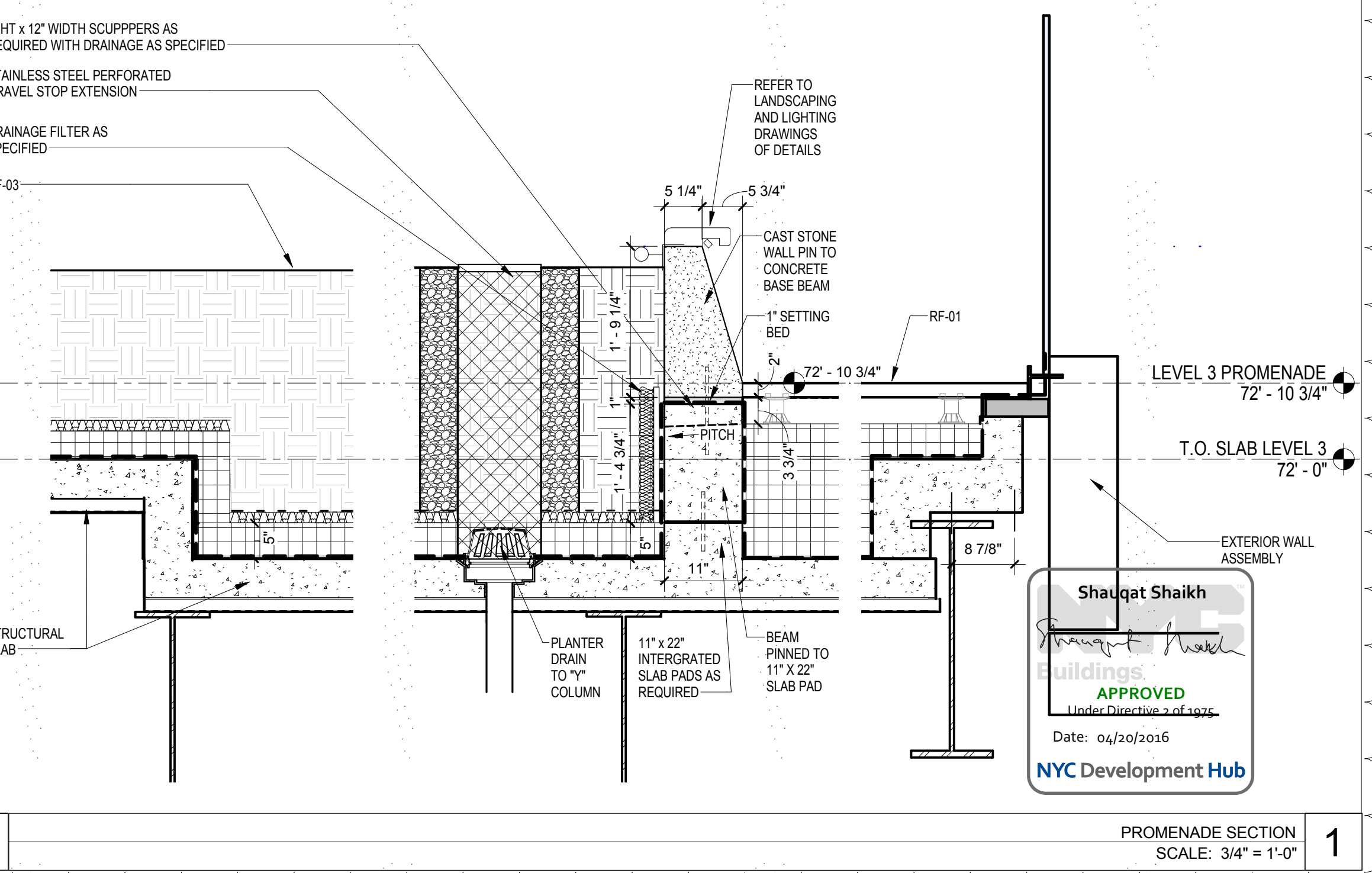
AMPHITHEATER SECTION AT GREEN ROOF
SCALE: 3/4" = 1'-0" 4



PROMENADE SECTION AT AMPHITHEATER
SCALE: 3/4" = 1'-0" 3



SECTION AT WALKWAY / HIGH SLAB
SCALE: 3/4" = 1'-0" 2



PROMENADE SECTION
SCALE: 3/4" = 1'-0" 1

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1228 YORK AVENUE, NEW YORK NY 10065

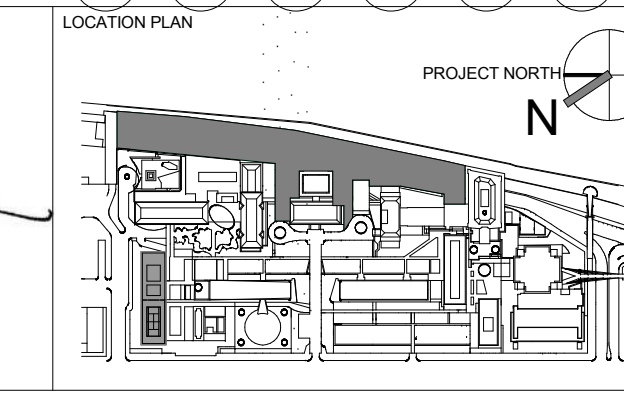
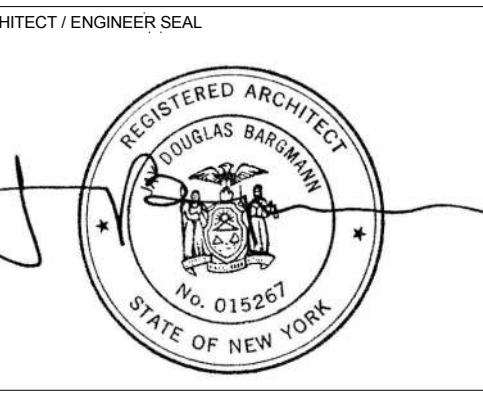
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T. 973.286.6100

MEP / FP ENGINEER
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INTERIOR LIGHTING DESIGNER
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T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
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NEW YORK, NY 10018
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REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER	DRAWING TITLE
1	WATERPROOFING BID PACKAGE	17-AUG-15	664.100	ROOF DETAILS AND WATERPROOFING 02
2	PROGRESS SET	30-OCT-15		
3	DOB SUBMISSION -RB	16-DEC-15		

PROJECT PHASE: CONSTRUCTION DOCUMENTS

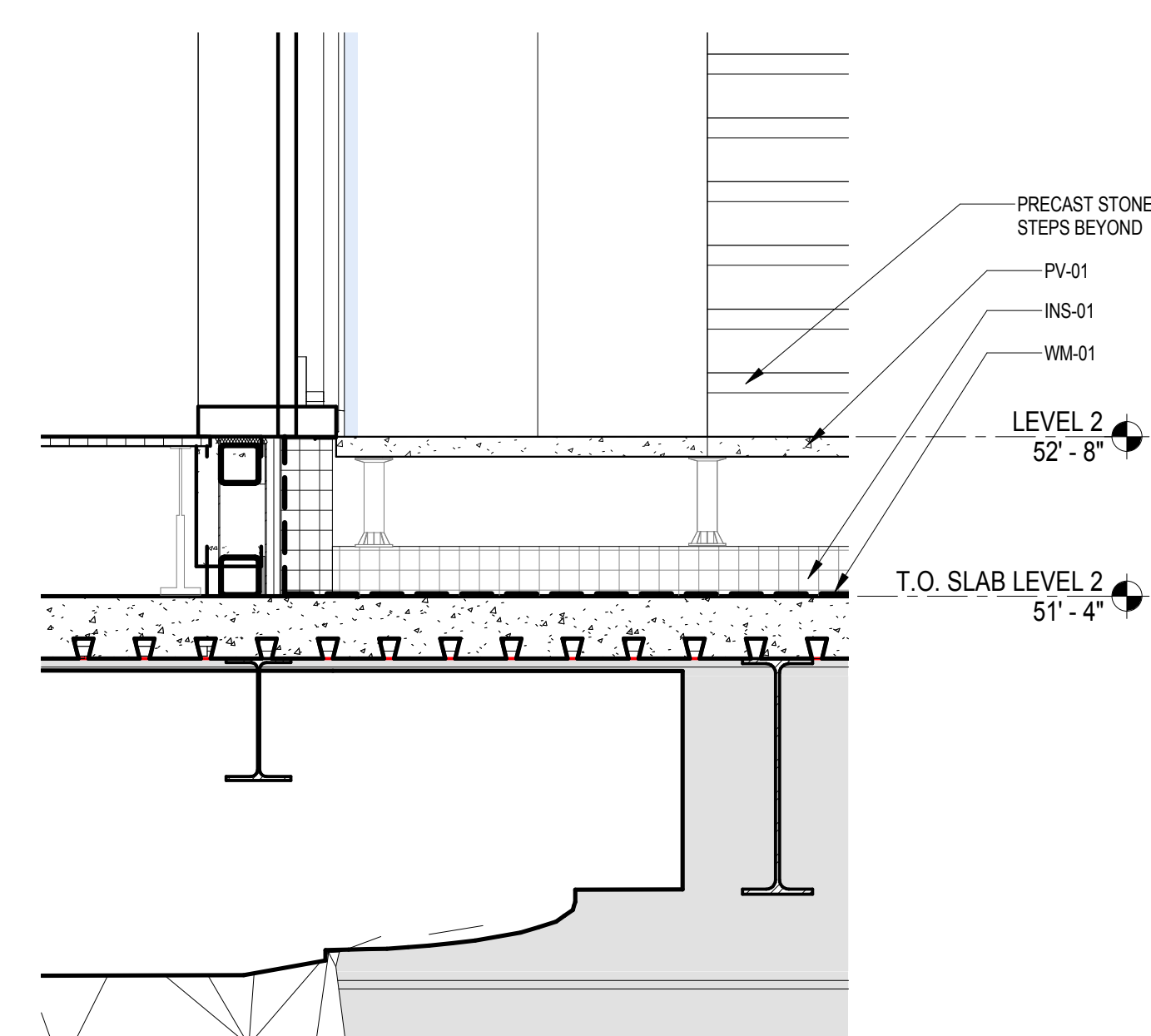
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Sheet 169 of 315

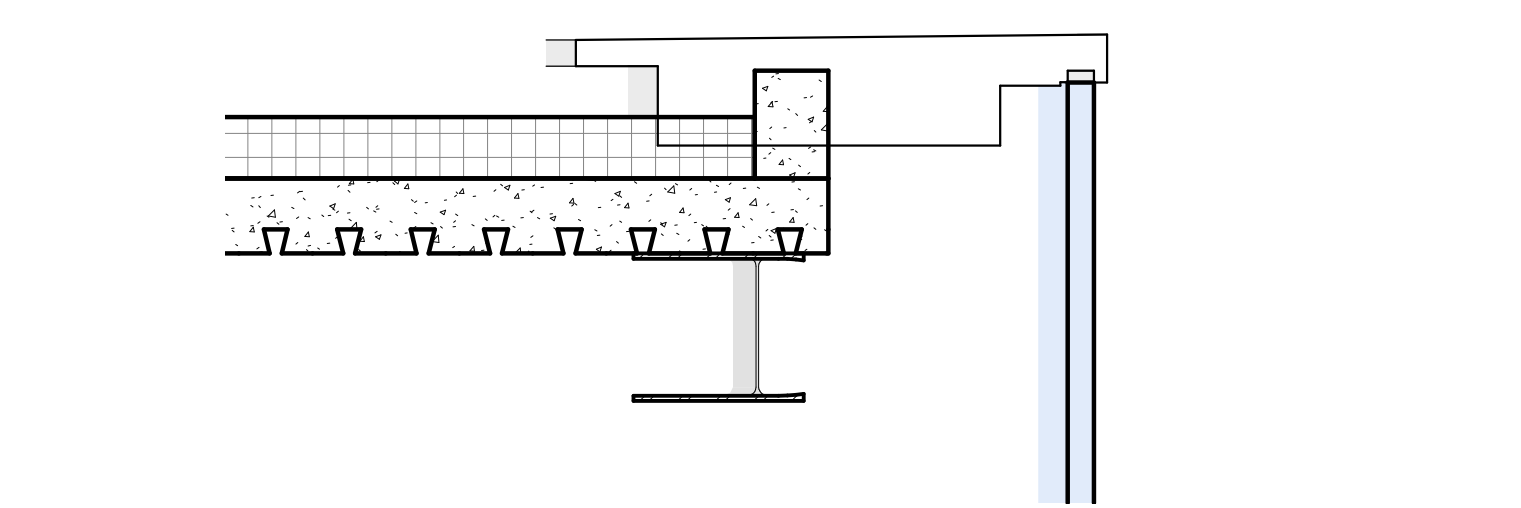
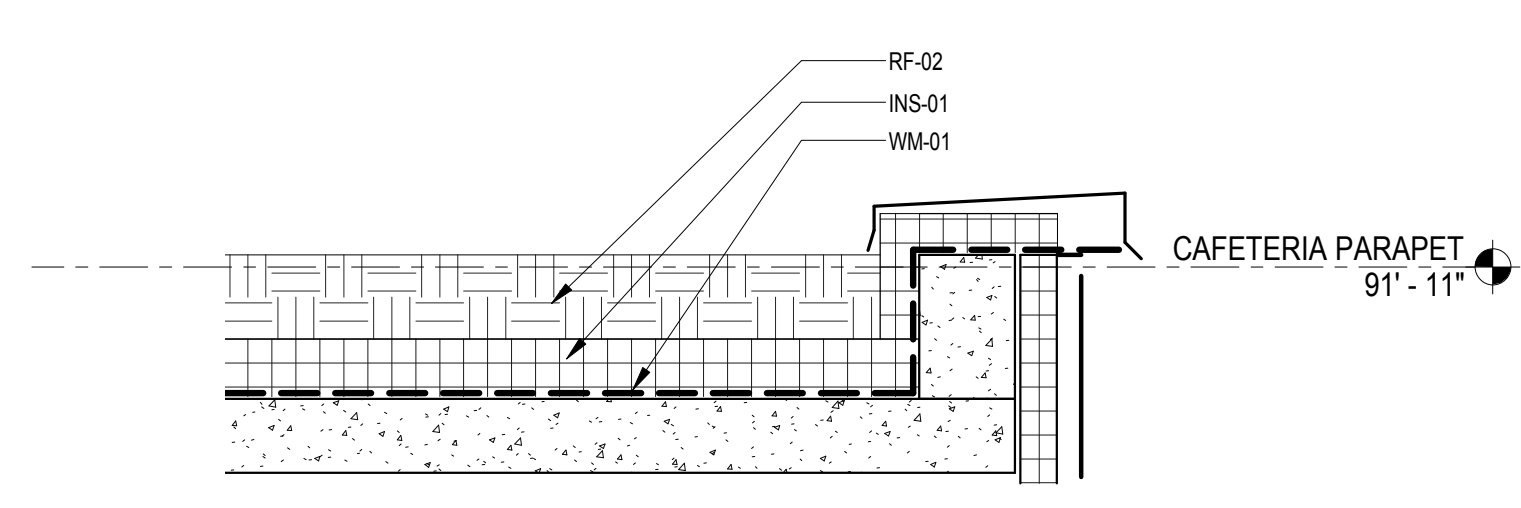
Date: 04/30/2016

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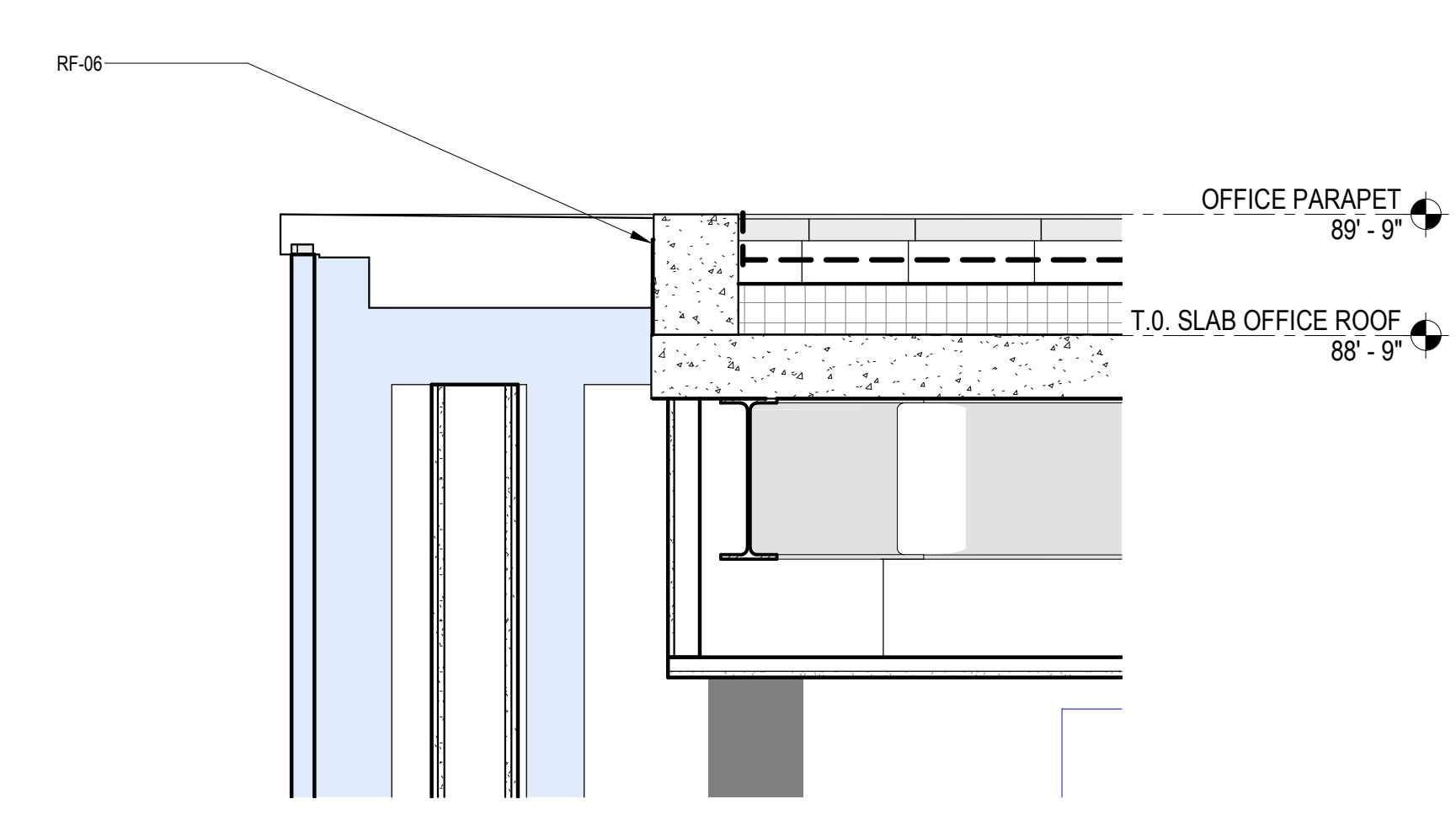
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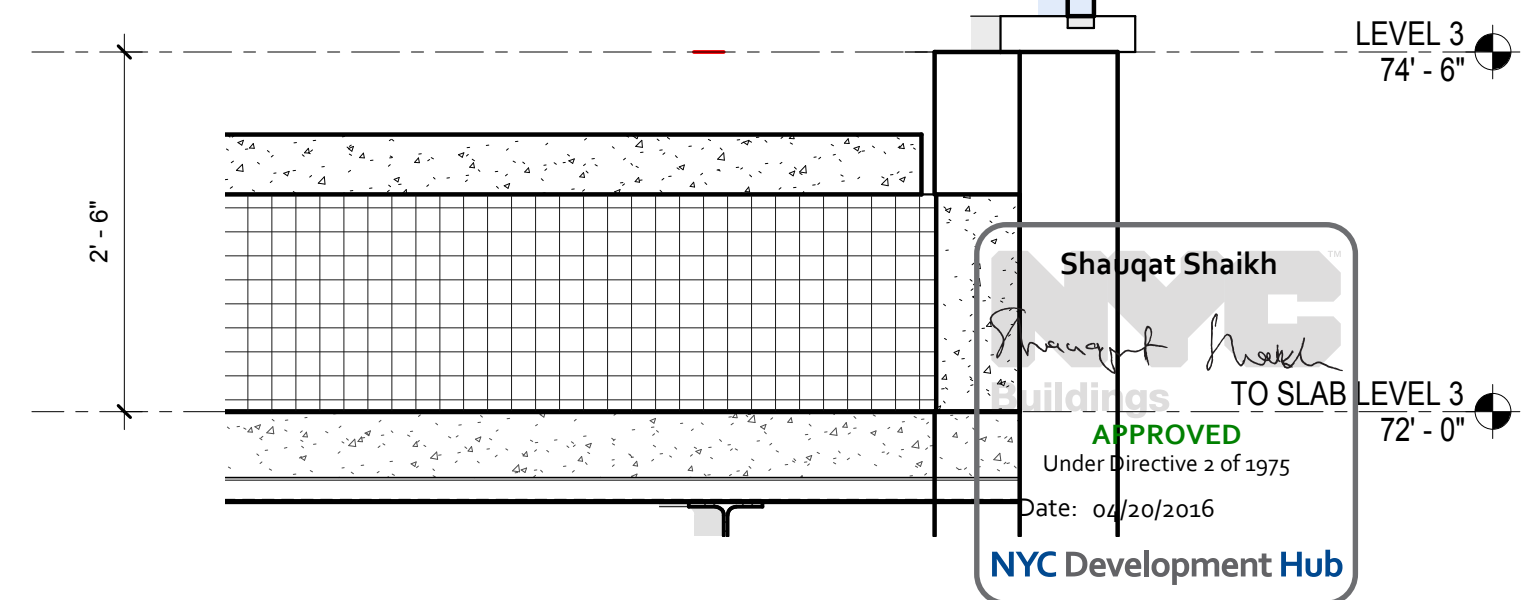
WATERPROOFING SECTION NORTH PAVILION STAIR SCALE: 3/4" = 1'-0" 4



WATERPROOFING SECTION AT SOUTH TERRACE SCALE: 3/4" = 1'-0" 2



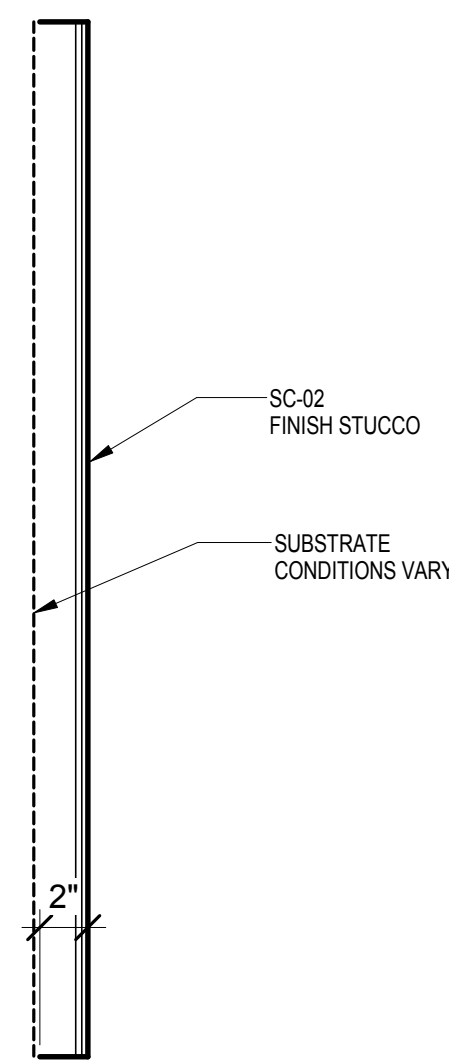
WATERPROOFING DETAIL AT NORTH PAVILION ROOF SCALE: 3/4" = 1'-0" 3



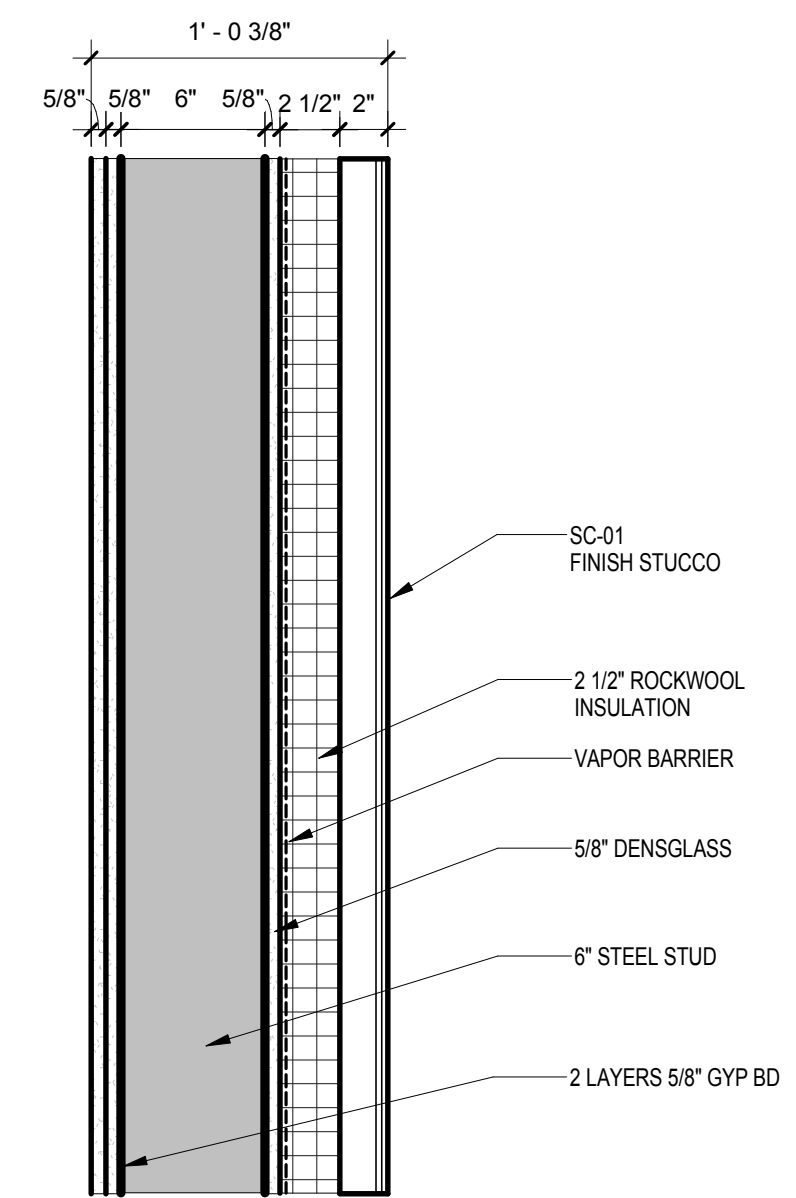
WATERPROOFING SECTION AT COL. LINE 8.00 - SOUTH PAVILION ROOF SCALE: 3/4" = 1'-0" 1

Shauqat Shaikh
Shauqat Shaikh
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 Under Directive 2 of 1975
 Date: 04/20/2016
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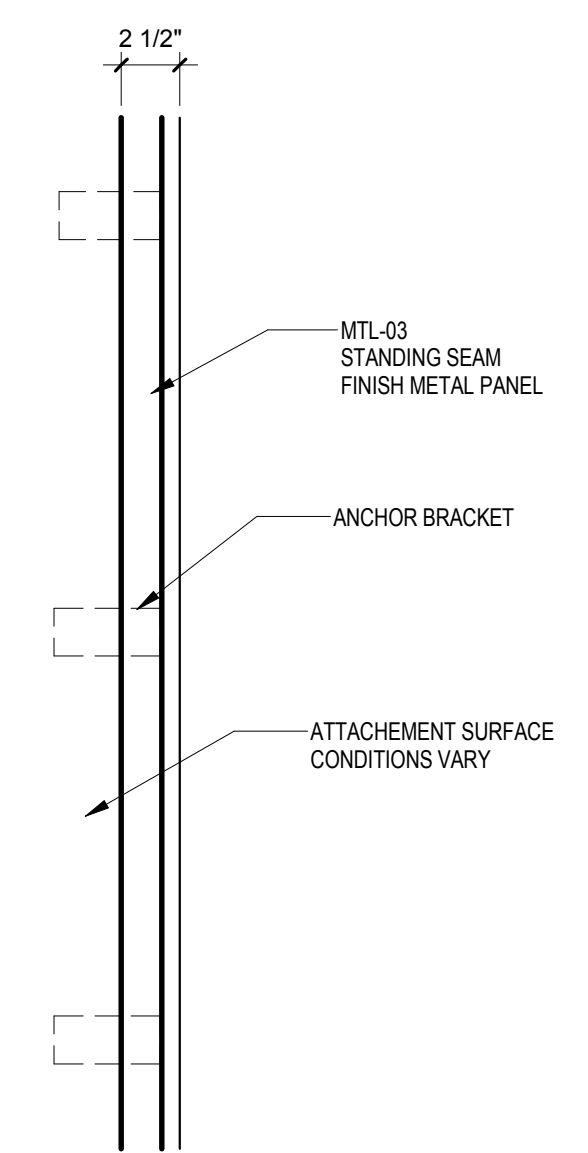
<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>WATERPROOFING BID PACKAGE</td> <td>17-AUG-15</td> </tr> <tr> <td>2</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> </tr> <tr> <td>3</td> <td>DOB SUBMISSION -RB</td> <td>16-DEC-15</td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	1	WATERPROOFING BID PACKAGE	17-AUG-15	2	PROGRESS SET	30-OCT-15	3	DOB SUBMISSION -RB	16-DEC-15	<p>ARCHITECTS PROJECT NUMBER 664.100</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE 3/4" = 1'-0"</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING TITLE ROOF DETAILS AND WATERPROOFING 03</p> <p>DRAWING NUMBER A-395.00</p> <p>Sheet 170 of 315</p>
	REV	DESCRIPTION	DATE																		
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<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 156 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>WATERPROOFING BID PACKAGE</td> <td>17-AUG-15</td> </tr> <tr> <td>2</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> </tr> <tr> <td>3</td> <td>DOB SUBMISSION -RB</td> <td>16-DEC-15</td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	1	WATERPROOFING BID PACKAGE	17-AUG-15	2	PROGRESS SET	30-OCT-15	3	DOB SUBMISSION -RB	16-DEC-15	<p>ARCHITECTS PROJECT NUMBER 664.100</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE 3/4" = 1'-0"</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING TITLE ROOF DETAILS AND WATERPROOFING 03</p> <p>DRAWING NUMBER A-395.00</p> <p>Sheet 170 of 315</p>	
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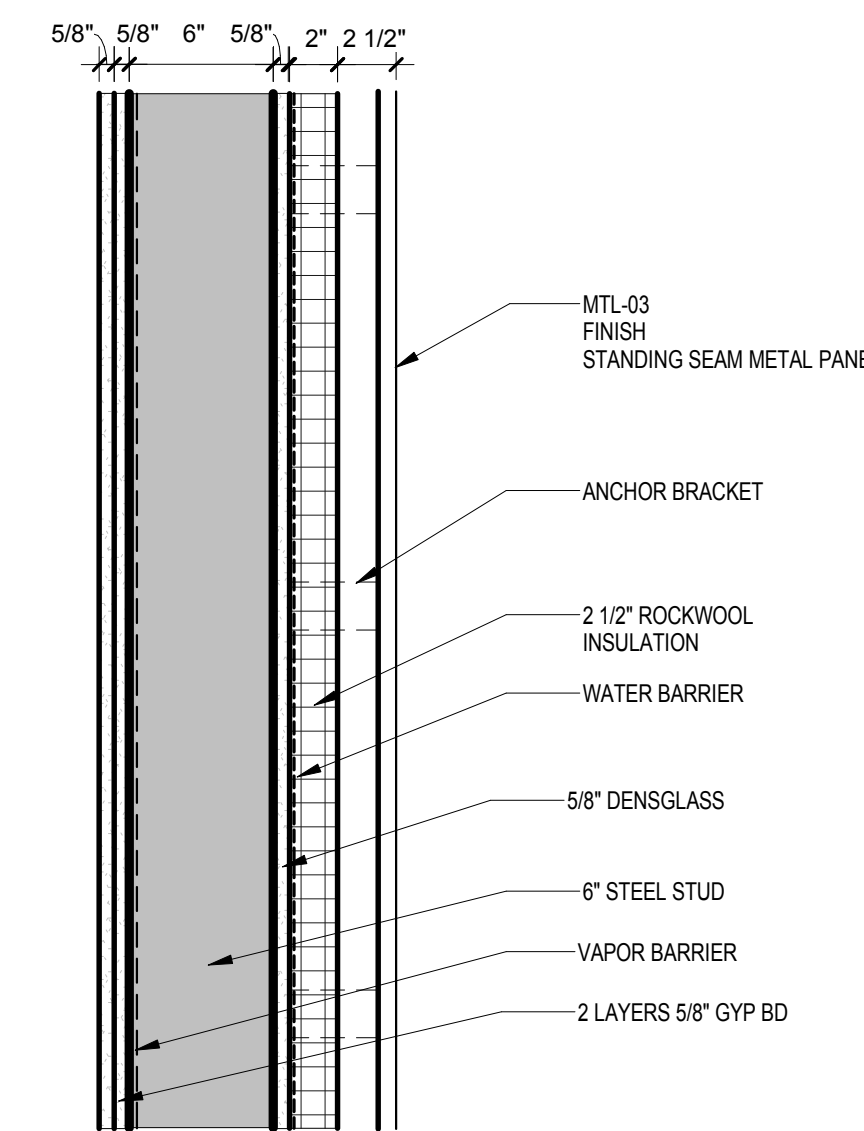
SC-02 STUCCO WALL LAMINATE
SCALE: 1 1/2" = 1'-0" 7



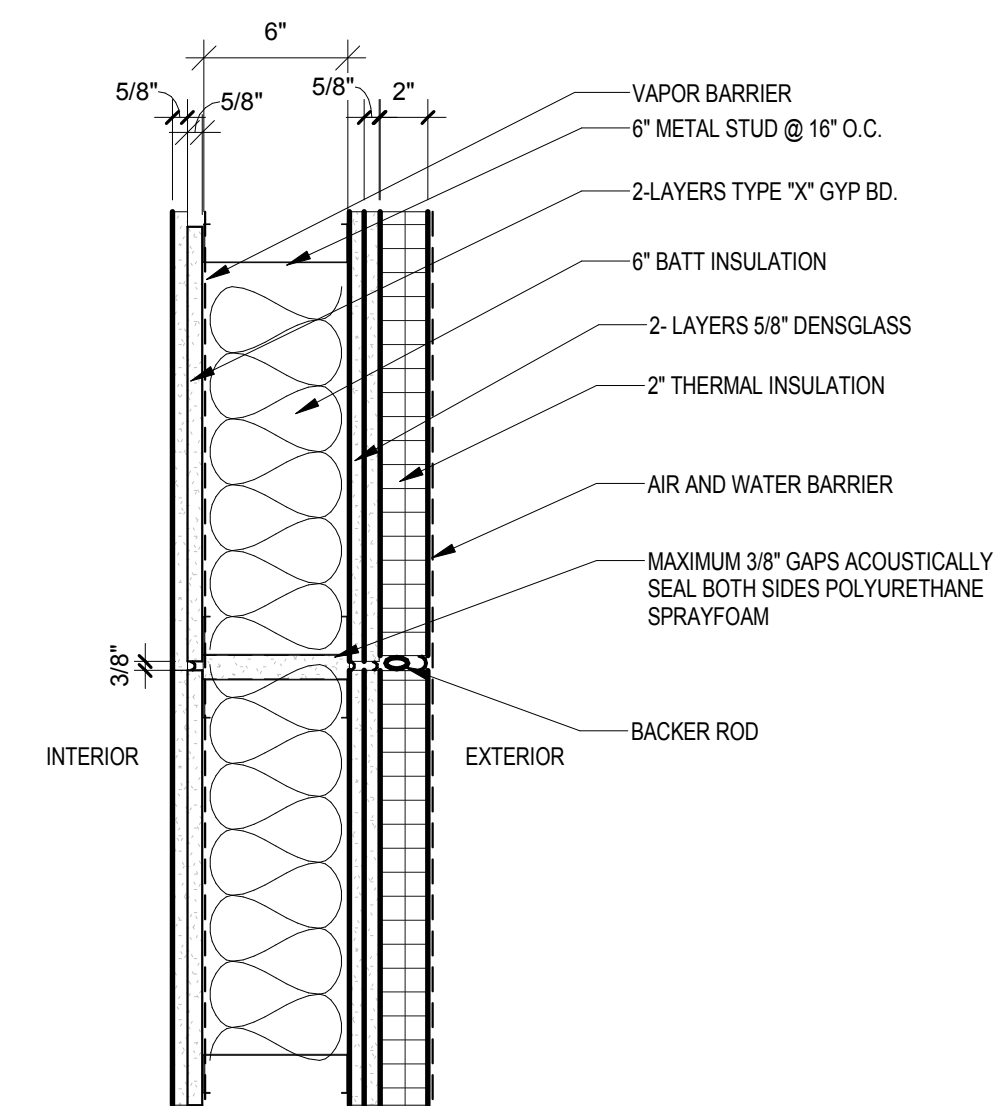
SC-01 2 HR RATED STUCCO WALL ASSEMBLY
SCALE: 1 1/2" = 1'-0" 6



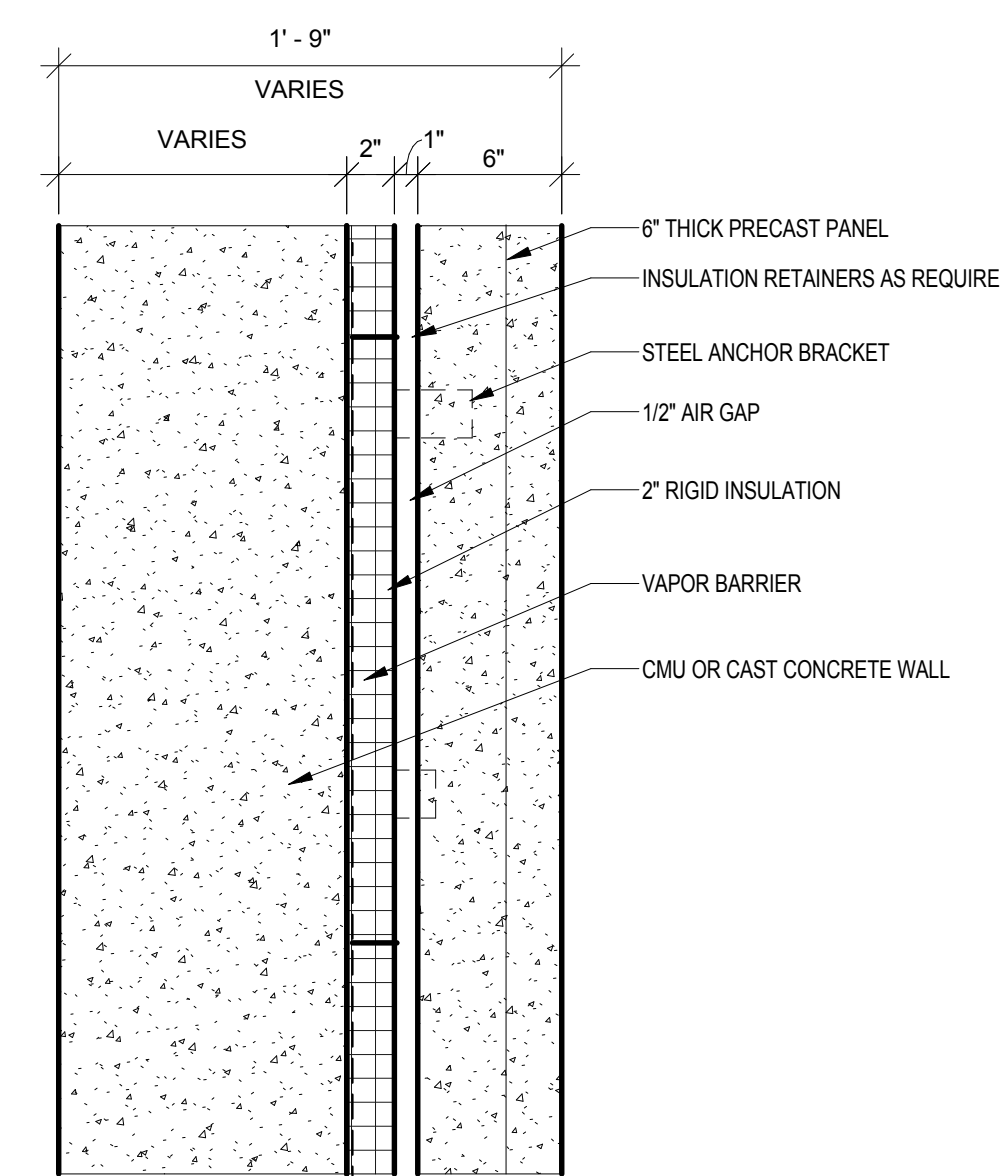
MP-06 METAL PANEL FINISH ASSEMBLY
SCALE: 1 1/2" = 1'-0" 5



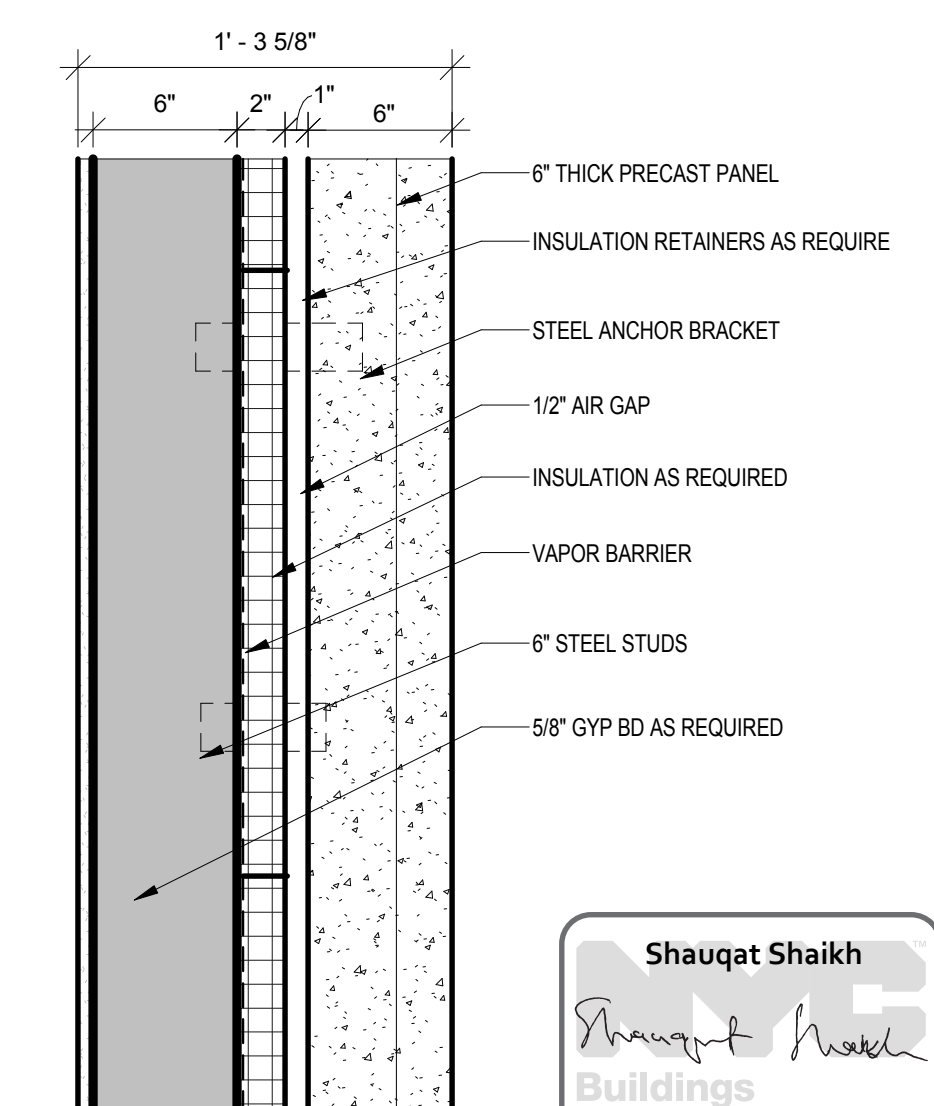
MP-05 2 HR RATED METAL PANEL WALL ASSEMBLY
SCALE: 1 1/2" = 1'-0" 4



SP-01 SEAL WALL
SCALE: 1 1/2" = 1'-0" 3



PC-04-PRECAST ON CAST CONCRETE WALL
SCALE: 1 1/2" = 1'-0" 2



PC-03 PRECAST CONCRETE PANEL ASSEMBLY
SCALE: 1 1/2" = 1'-0" 1

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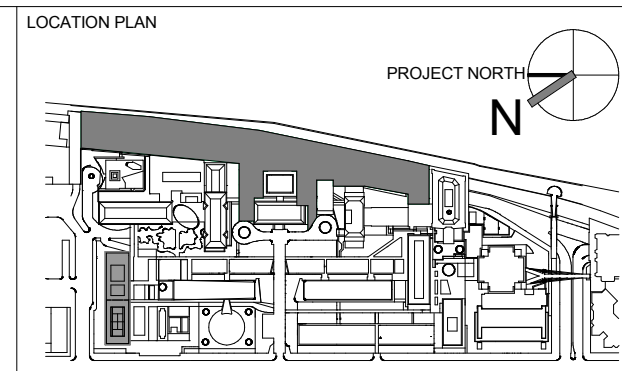
STRUCTURAL ENGINEER
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1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

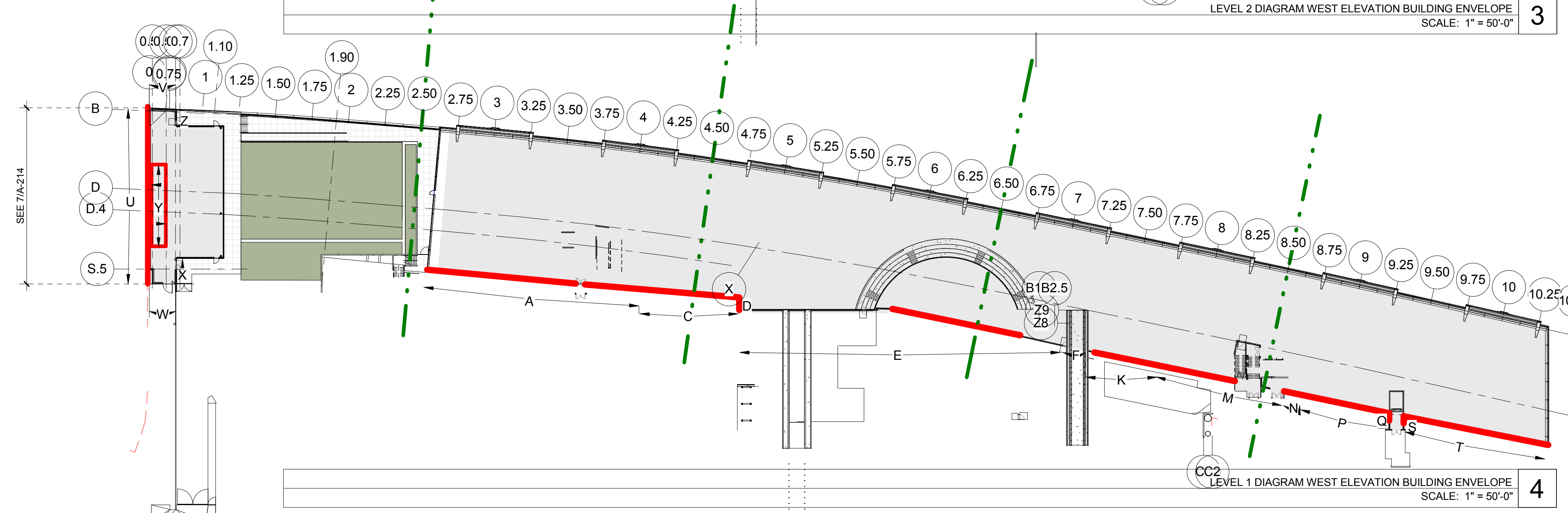
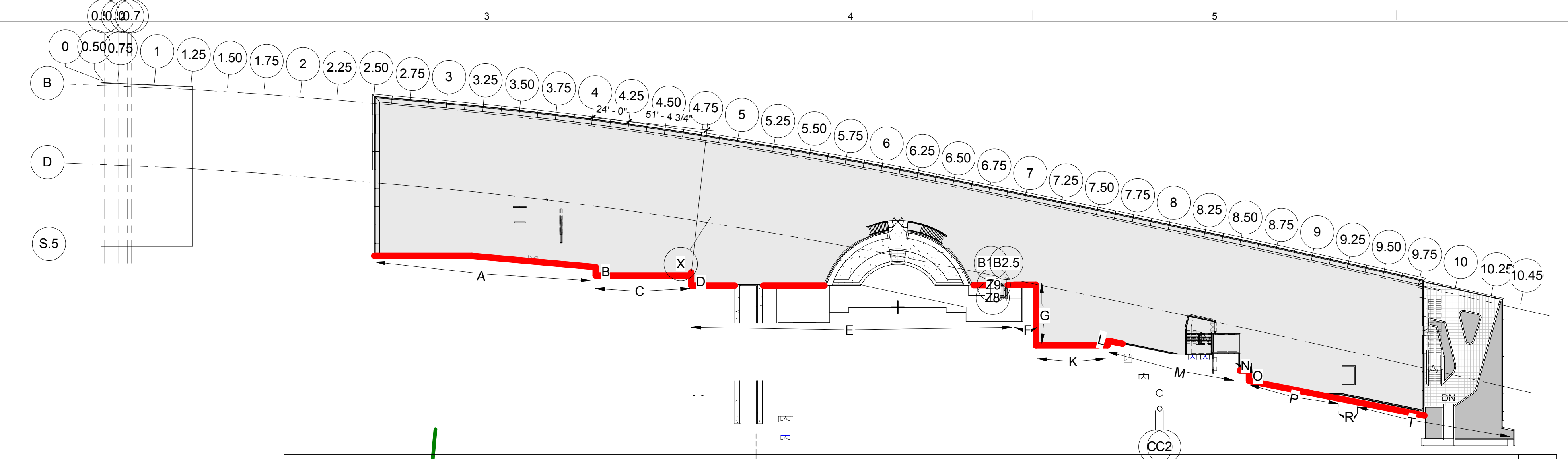
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24" x 36"

DRAWING SCALE
1 1/2" = 1'-0"

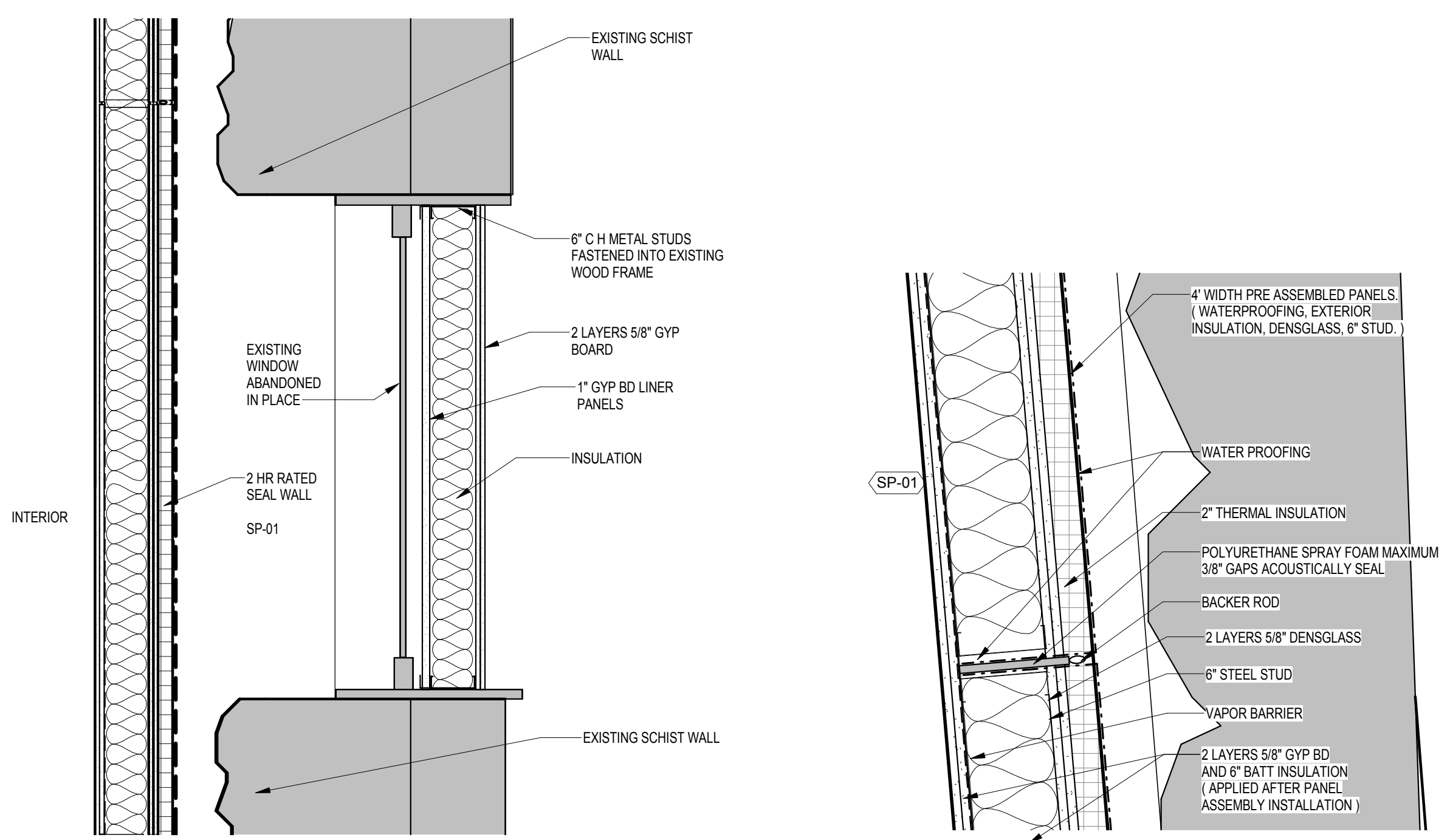
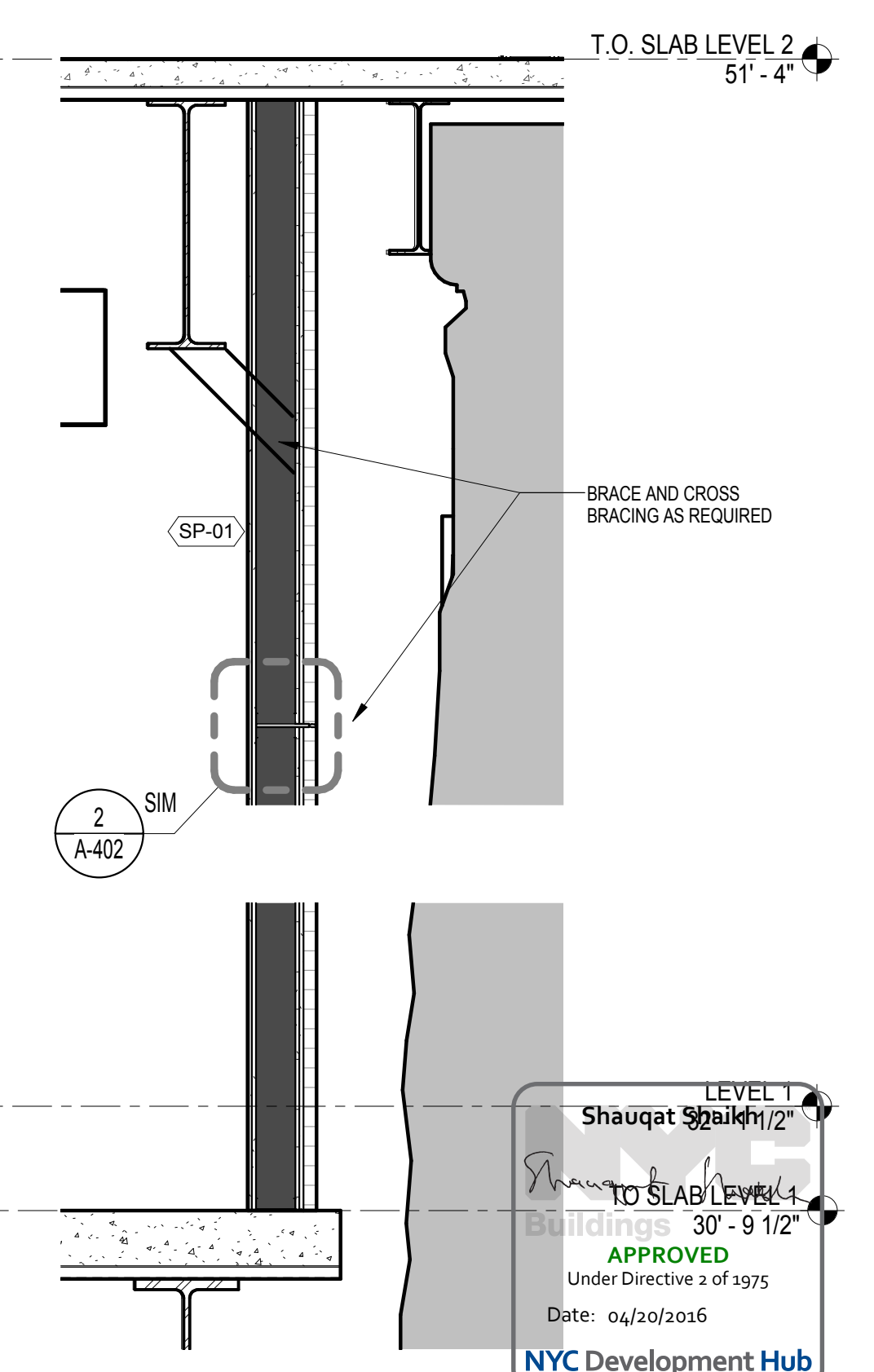
DRAWING TITLE
EXTERIOR WALL TYPE DETAILS

DRAWING NUMBER
A-401.00

Sheet 171 of 315



REFER TO SHEET A-401 FOR ADDITIONAL SP-01 SEAL WALL DETAILS



TYPICAL SECTION THRU BLOCKED WINDOW SCALE: 3/4" = 1'-0" 5

2 HOUR SEAL WALL / SECTION DETAIL SCALE: 1 1/2" = 1'-0" 2

SECTION AT FLEXNER HALL - 2 HOUR SEAL WALL SCALE: 1/2" = 1'-0" 1

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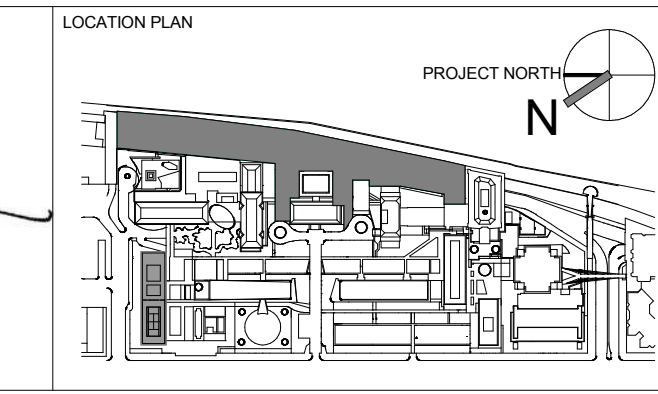
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
RODOLPHUS BARDIMON
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING TITLE
SEAL WALL DETAILS

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

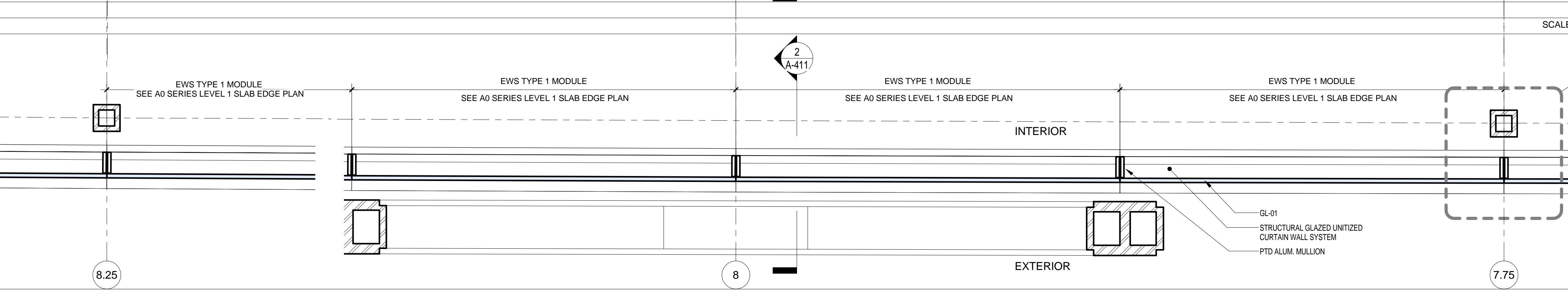
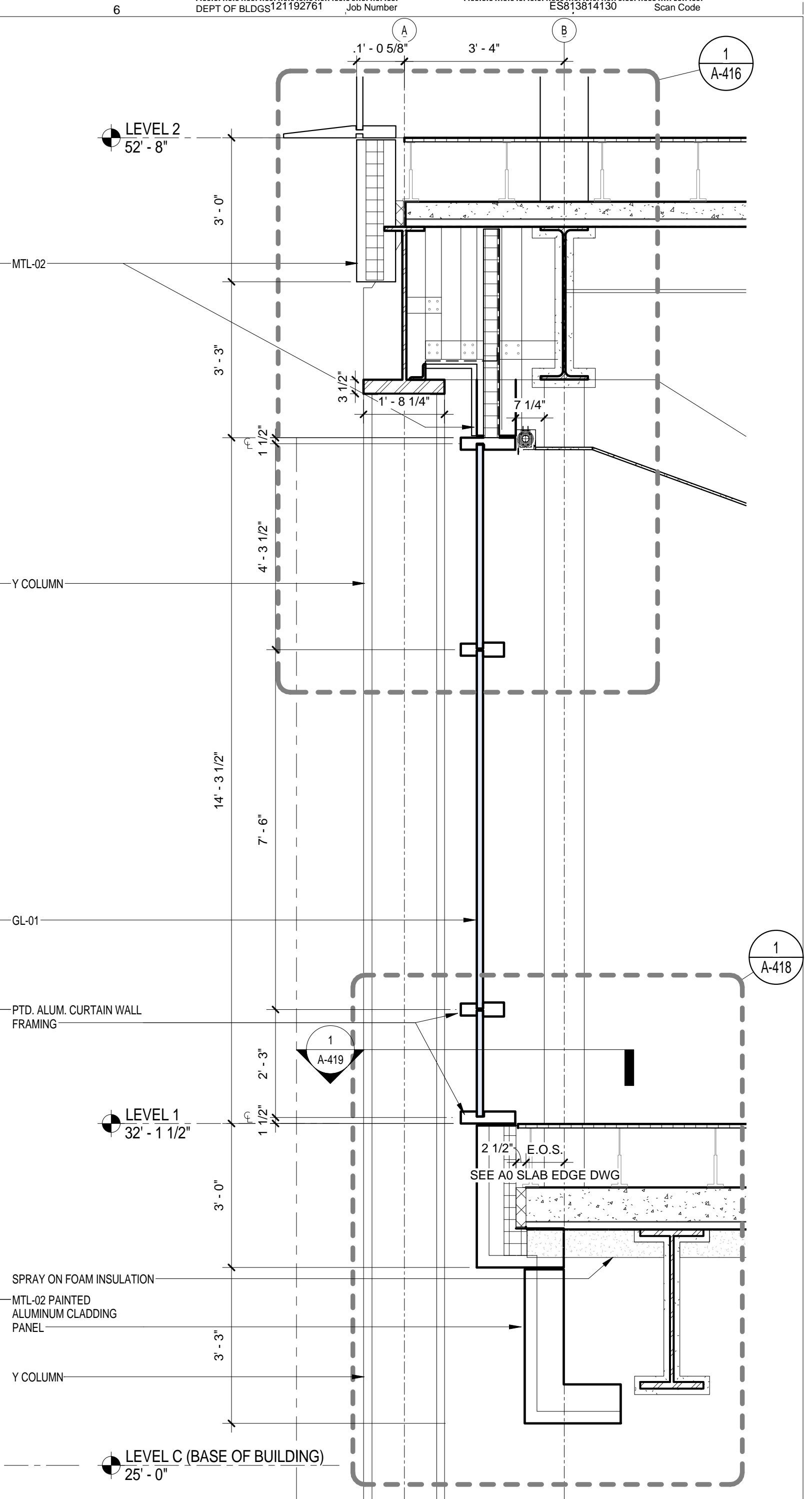
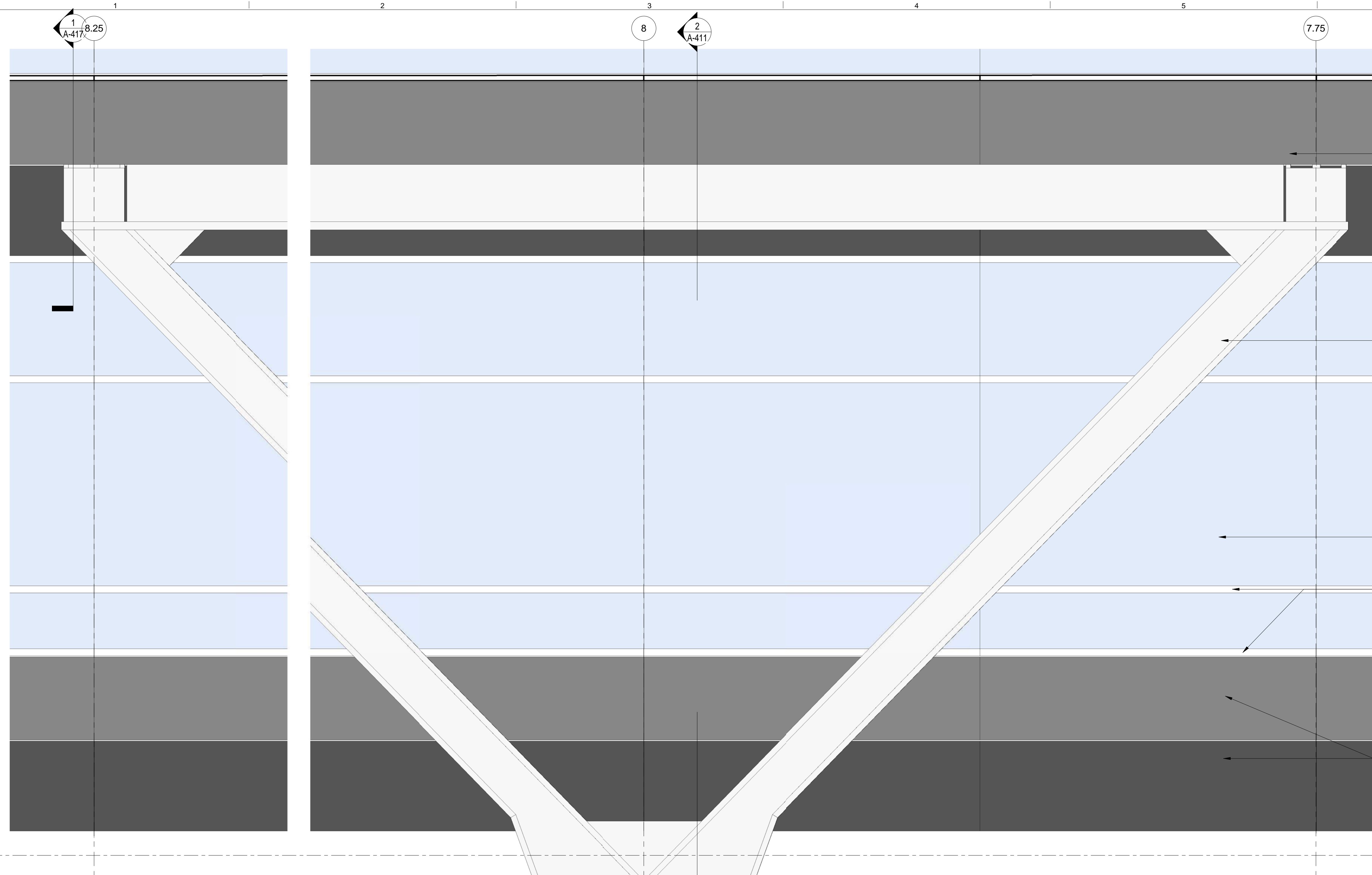
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-402.00

Sheet 172 of 315

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EWS TYPE 1
SCALE: 1/2" = 1'-0"

EWS TYPE 1
SCALE: 1/2" = 1'-0"

BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 AND A-811 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

Thermal Transmittance U Value:

- FIXED GLAZING AND FRAMING AREA NO GRATER THAN 0.4 Btu/sq. ft. x h x degree f (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
- FULL SPANDREL PANEL: NO GRATER THAN 0.2 Btu/sq. ft. x h x degree f (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.35

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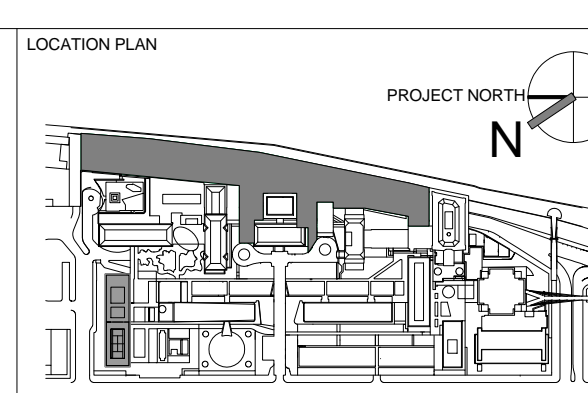
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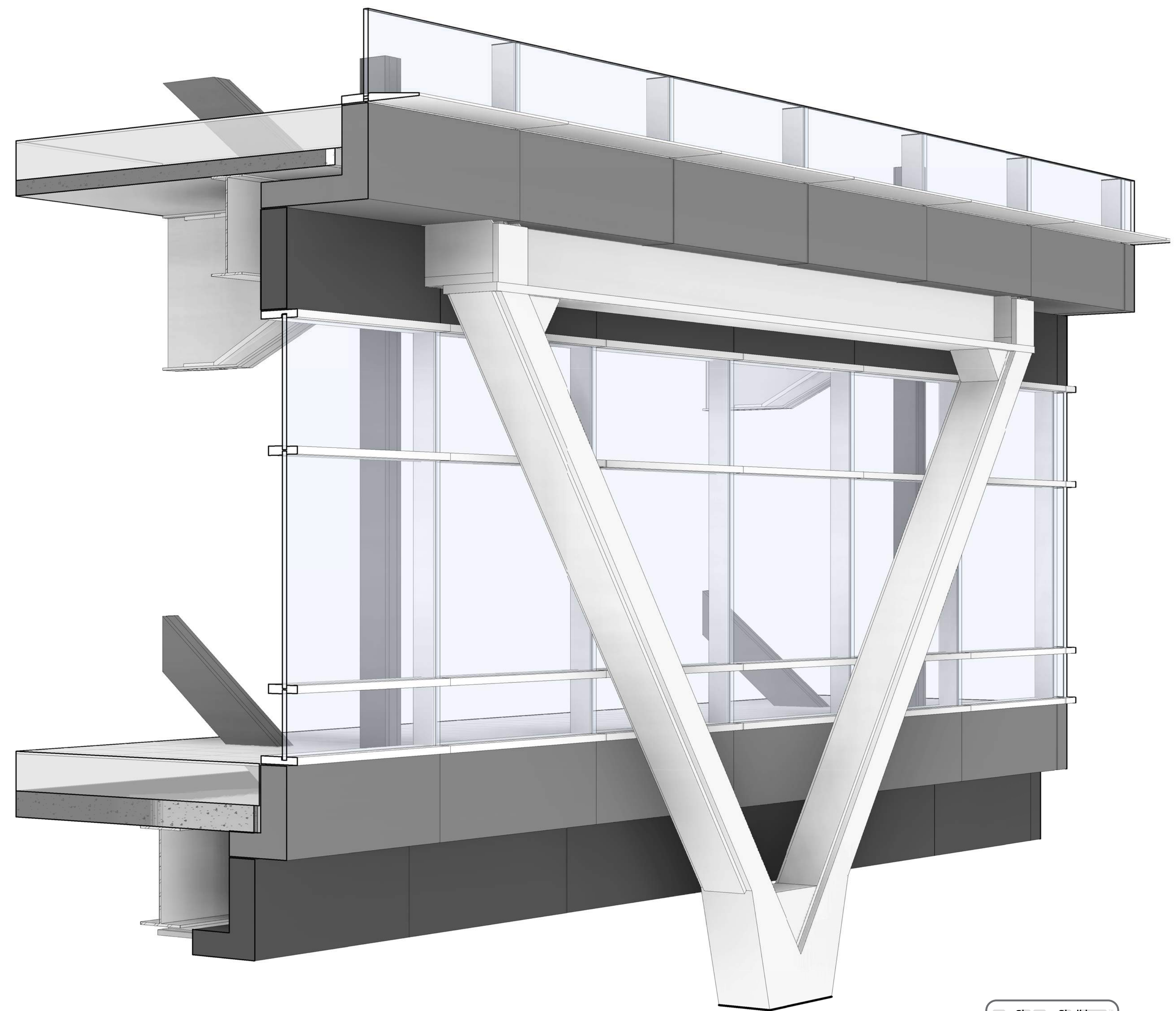
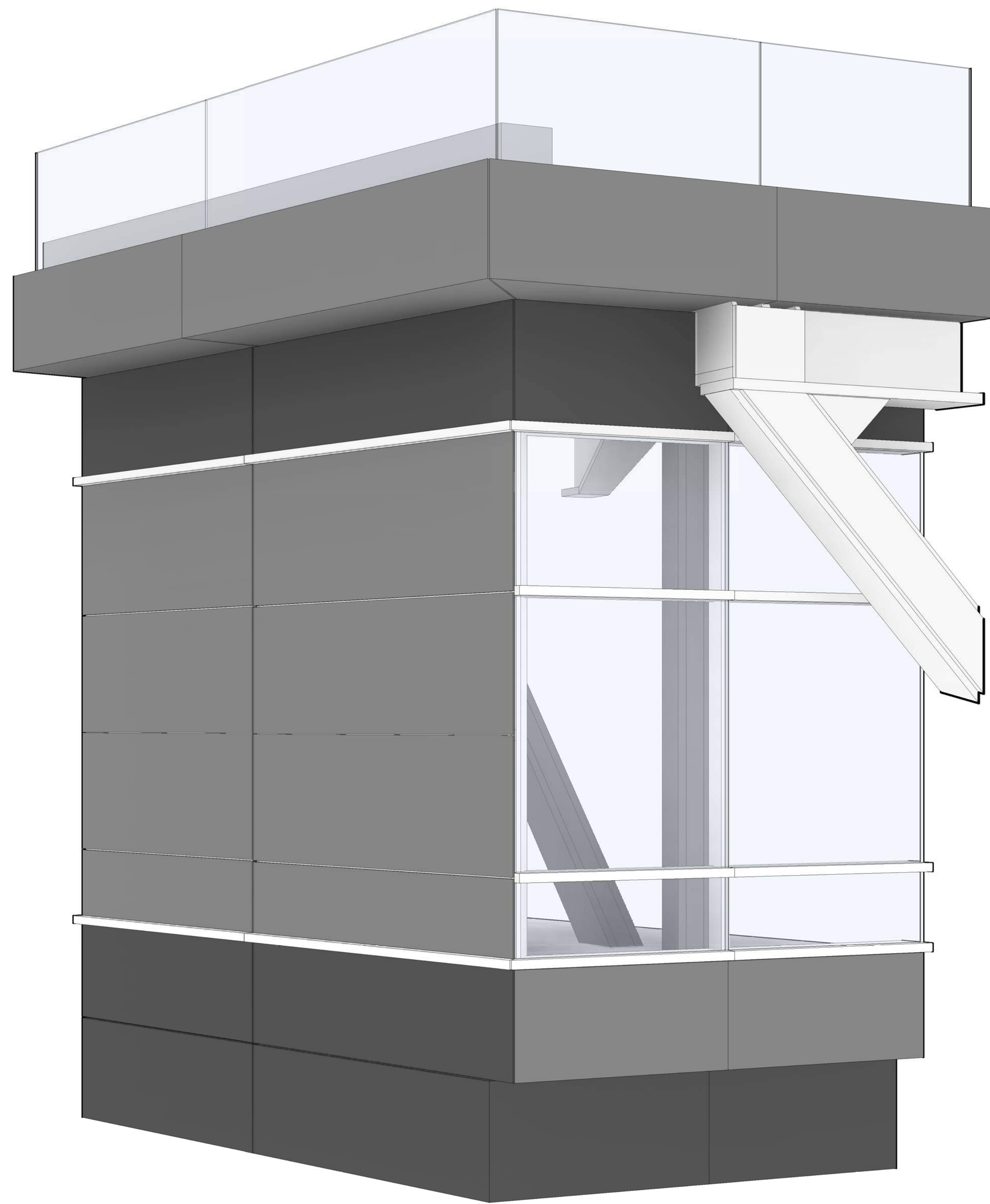
REV	DESCRIPTION	DATE
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	664.100
DRAWING SIZE	24" x 36"
DRAWING SCALE	As indicated
PROJECT PHASE	CONSTRUCTION DOCUMENTS

EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - RIVER CAMPUS PLAN, ELEV & SECTION

DRAWING NUMBER: **A-411.00**

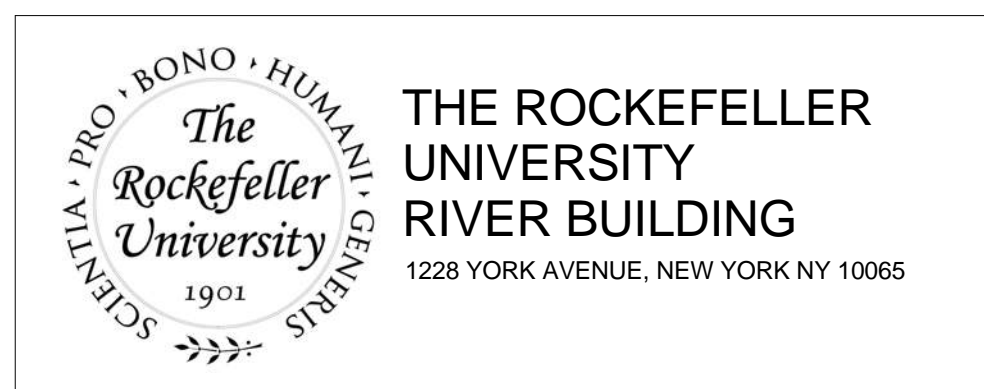
Sheet 173 of 315



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Shauqat Shaikh
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EWS TYPE 1 - SE CORNER
 SCALE: 2

EWS TYPE 1
 SCALE: 1



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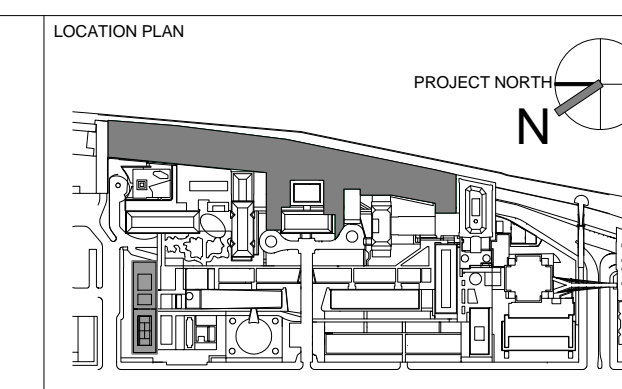
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ARCHITECT / ENGINEER SEAL

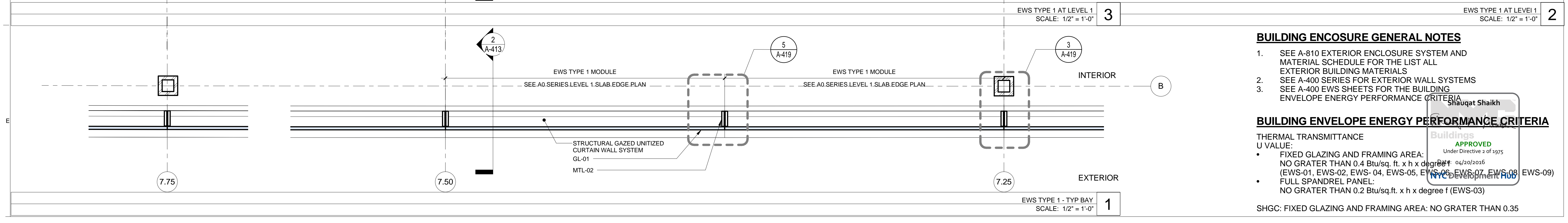
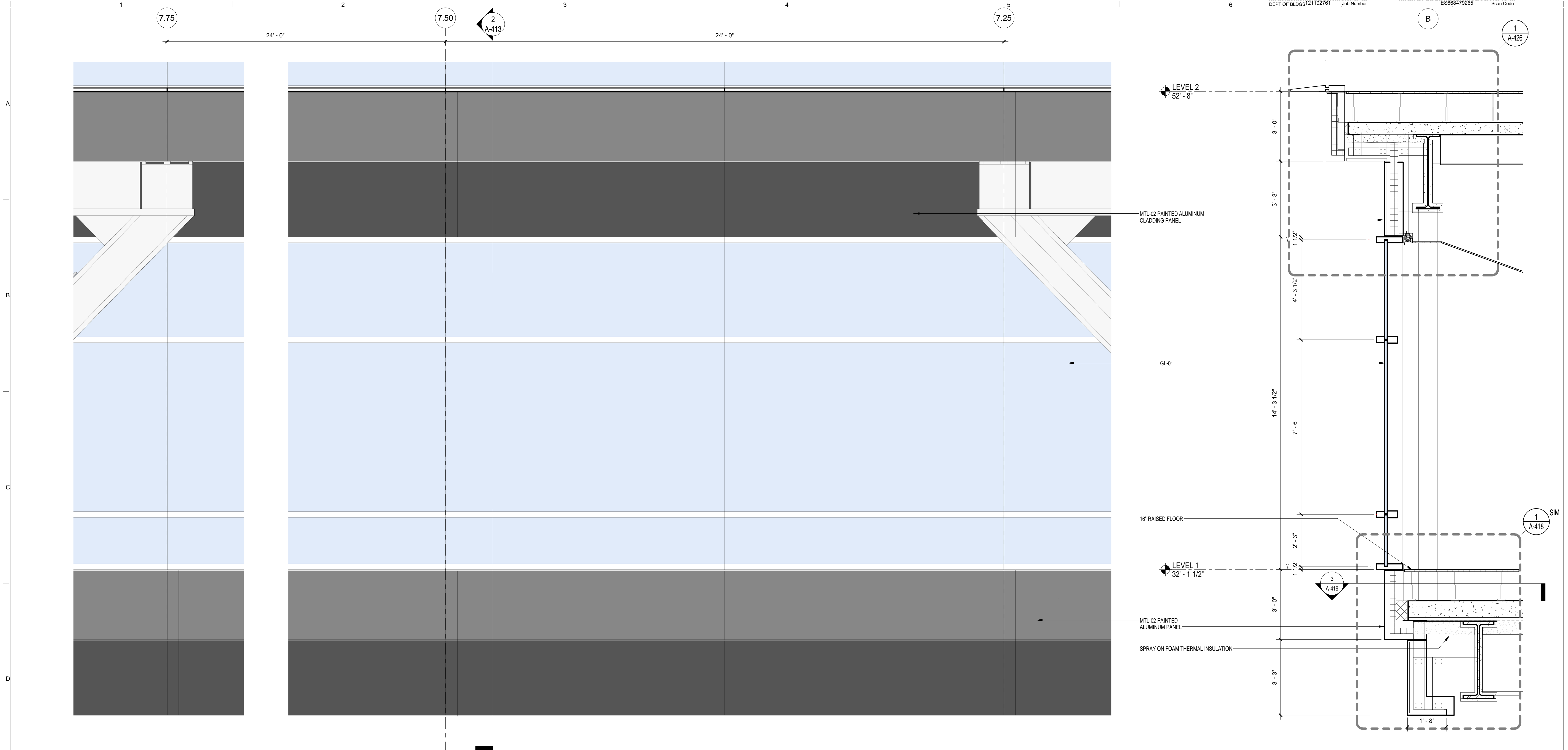


REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
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3	PROGRESS SET	30-OCT-15	DRAWING SCALE
4	DOB SUBMISSION - RB	16-DEC-15	

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - PERSPECTIVE VIEW

DRAWING NUMBER
A-412.00
 Sheet 174 of 315



BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE U VALUE:

- FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.4 Btu/sq. ft. x h x degree f (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
- FULL SPANDREL PANEL: NO GRATER THAN 0.2 Btu/sq.ft. x h x degree f (EWS-03)

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LOCATION PLAN

REV	DESCRIPTION	DATE
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

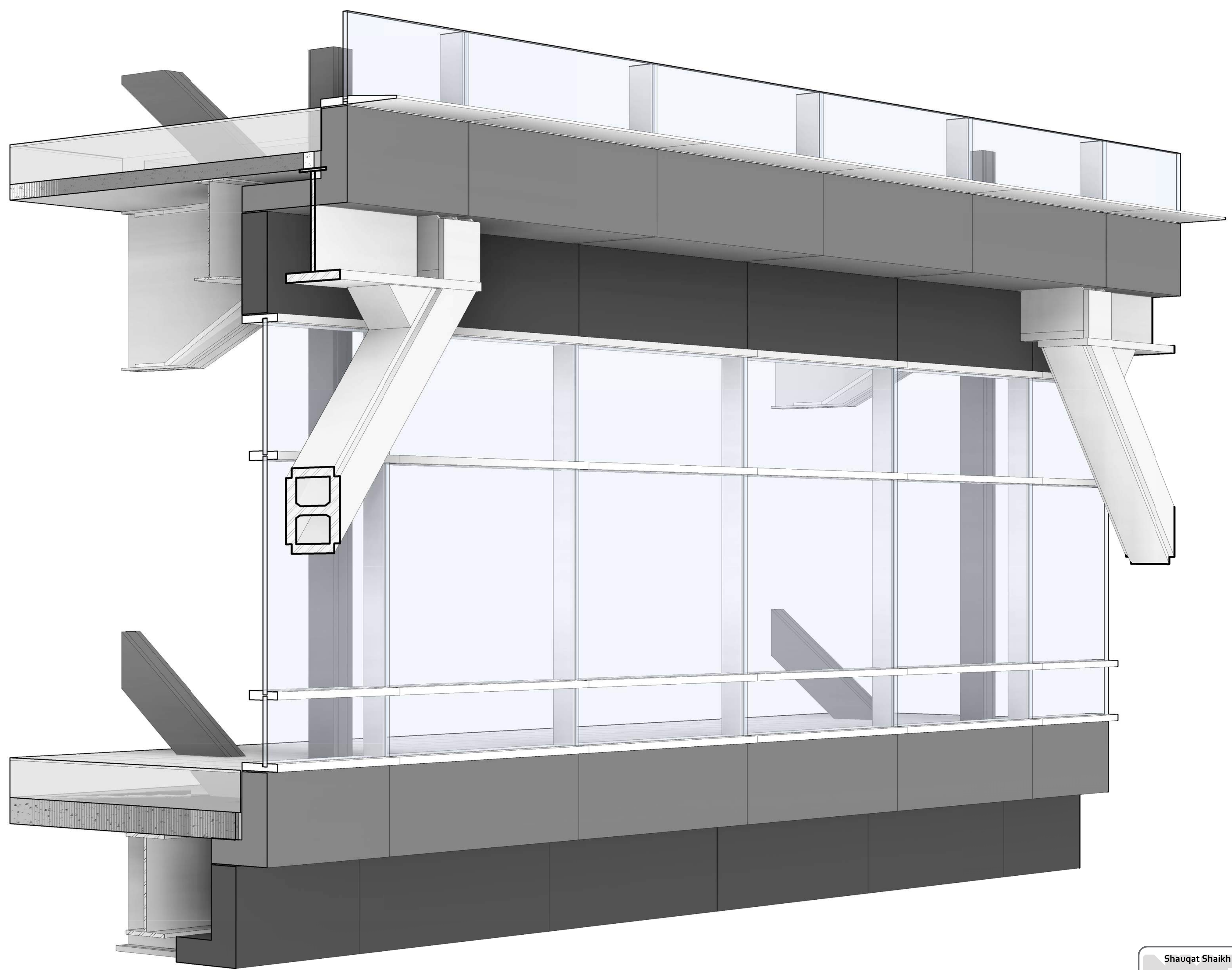
DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - RIVER CAMPUS PLAN, ELEV & SECTION

DRAWING NUMBER
A-413.00

Sheet 175 of 315



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 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
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EWS TYPE 2A
 SCALE: 1

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 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

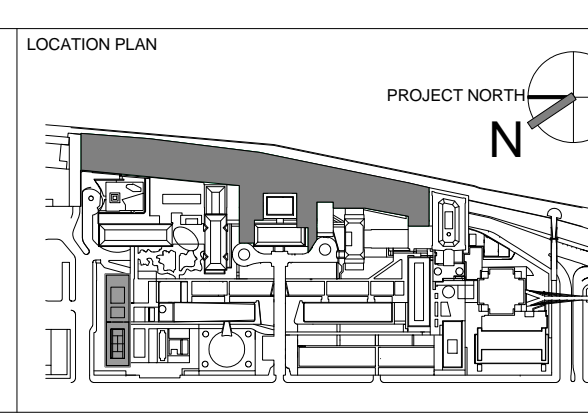
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 NEWARK, NJ 07102
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INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

SPECIFICATION CONSULTANT
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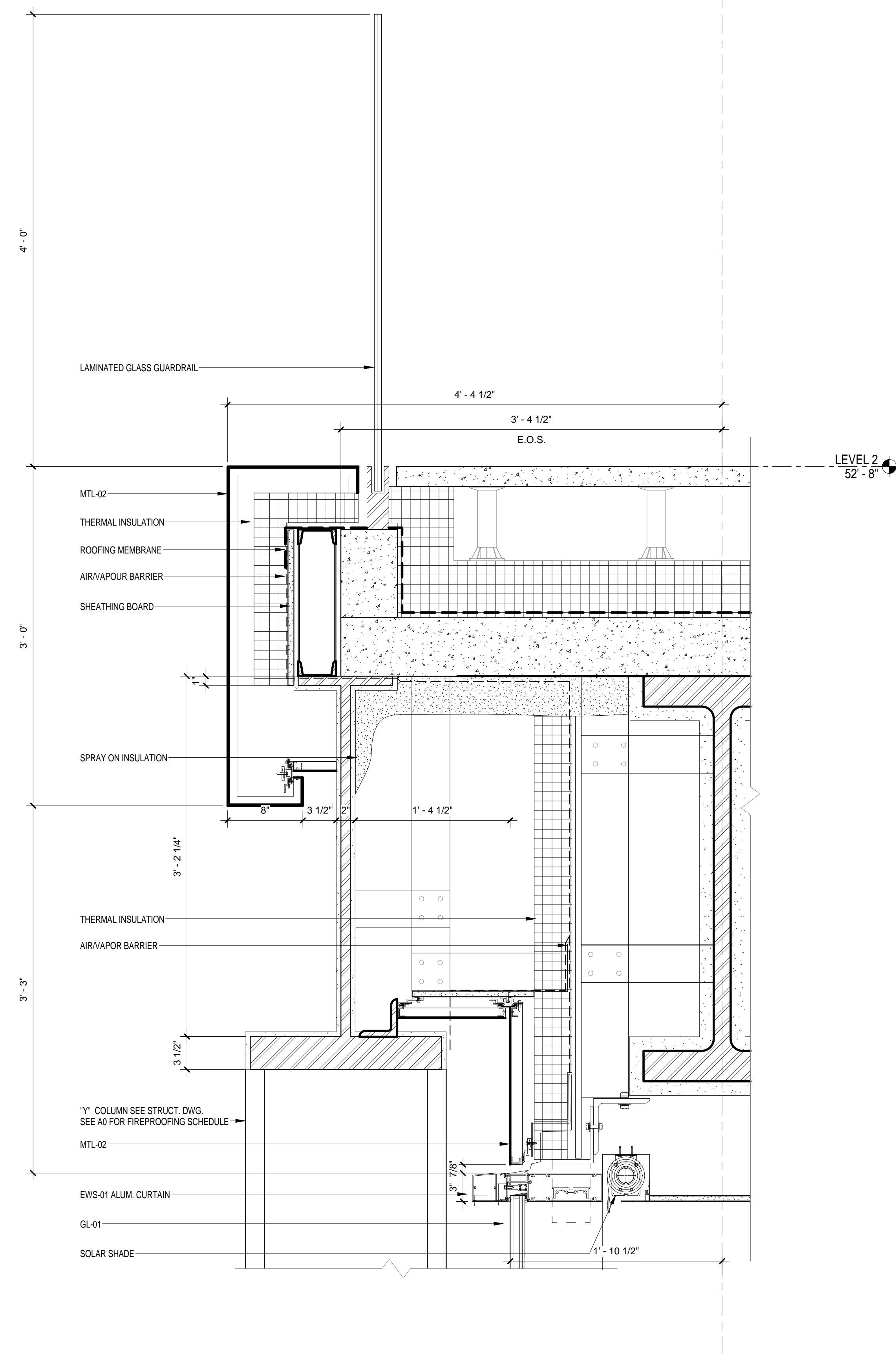
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1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE
4	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
 EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - PERSPECTIVE VIEW

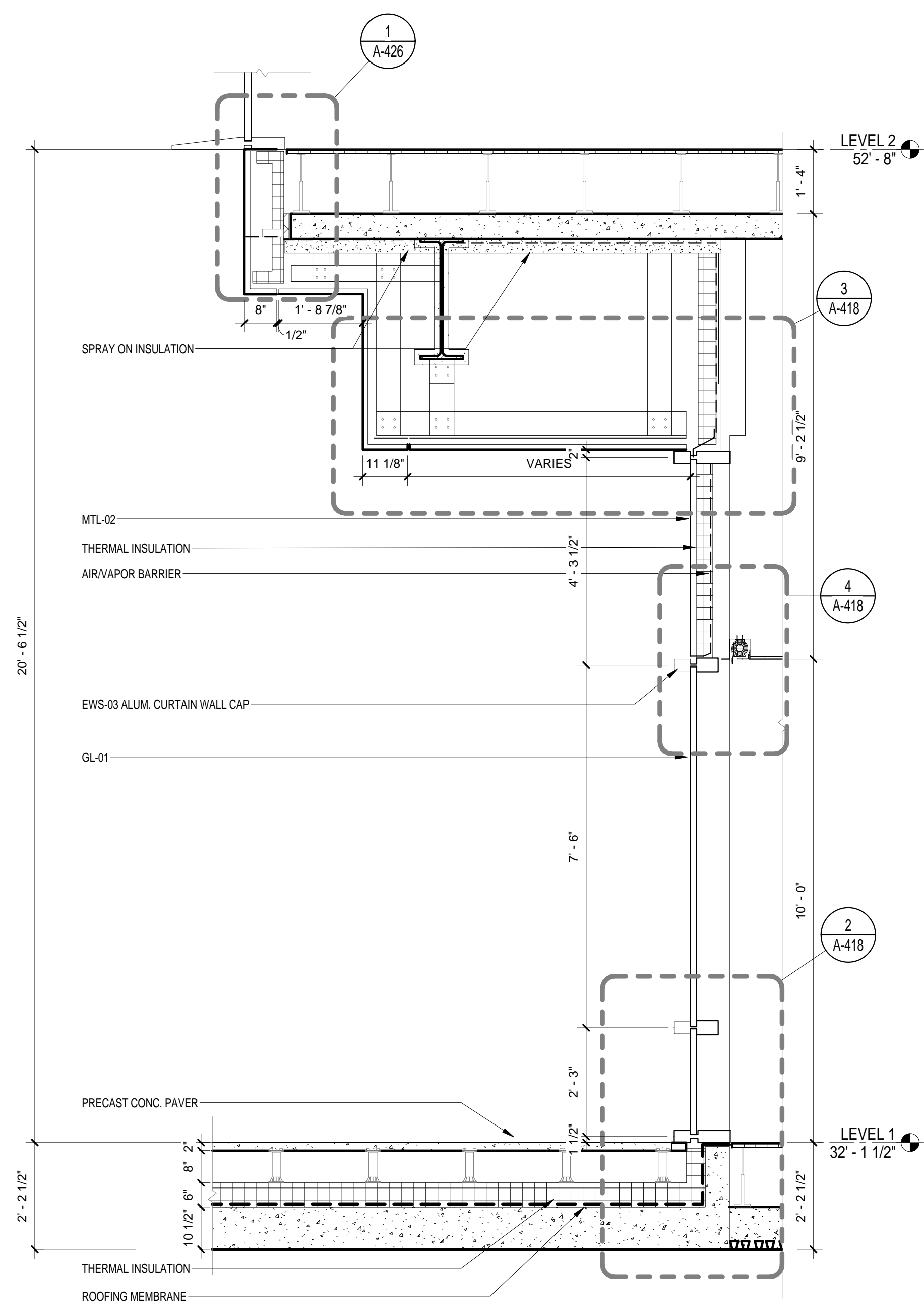
DRAWING NUMBER
 A-414.00

Sheet 176 of 315

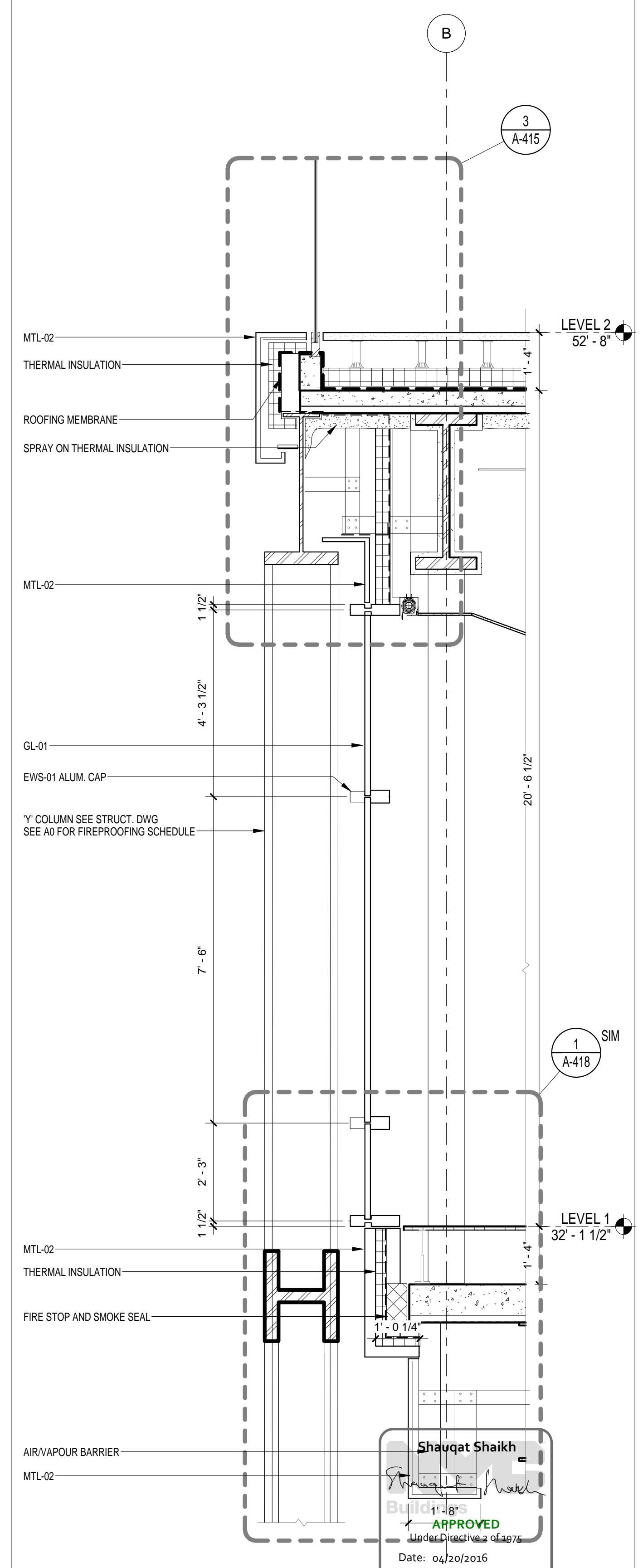
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EWS TYPE 1A @ S TERRACE - Callout 1
SCALE: 1 1/2" = 1'-0" 3



EWS TYPE 1B @ N TERRACE
SCALE: 1/2" = 1'-0" 2



EWS TYPE 1A @ S TERRACE
SCALE: 1/2" = 1'-0" 1

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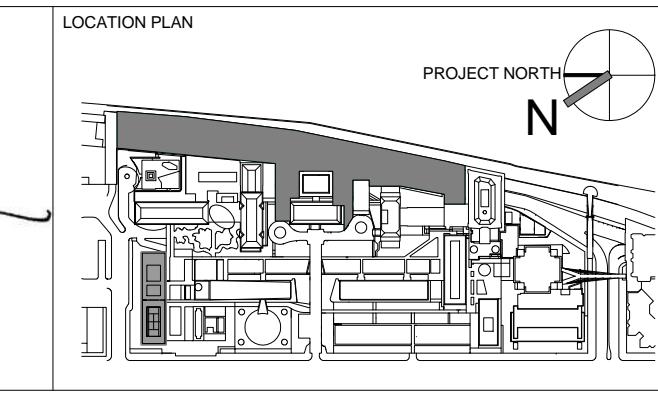
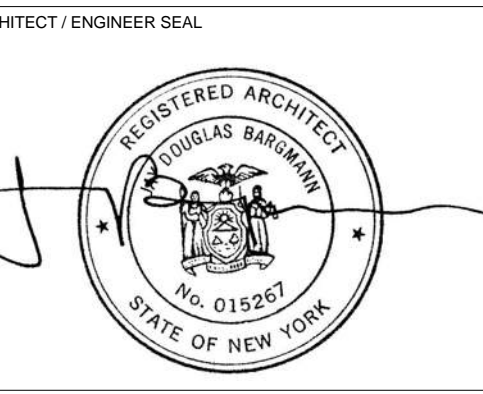
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 1 - SECTIONS

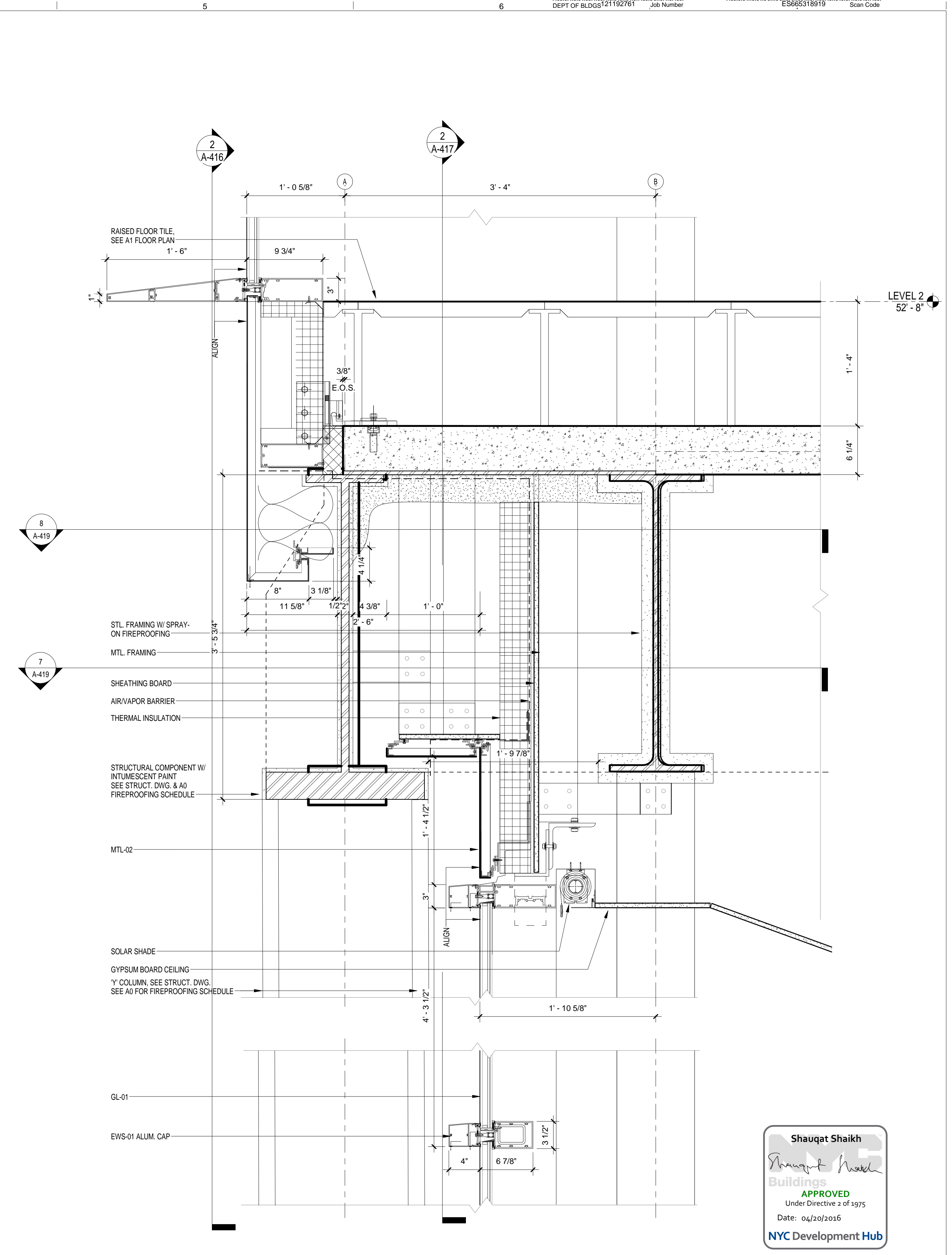
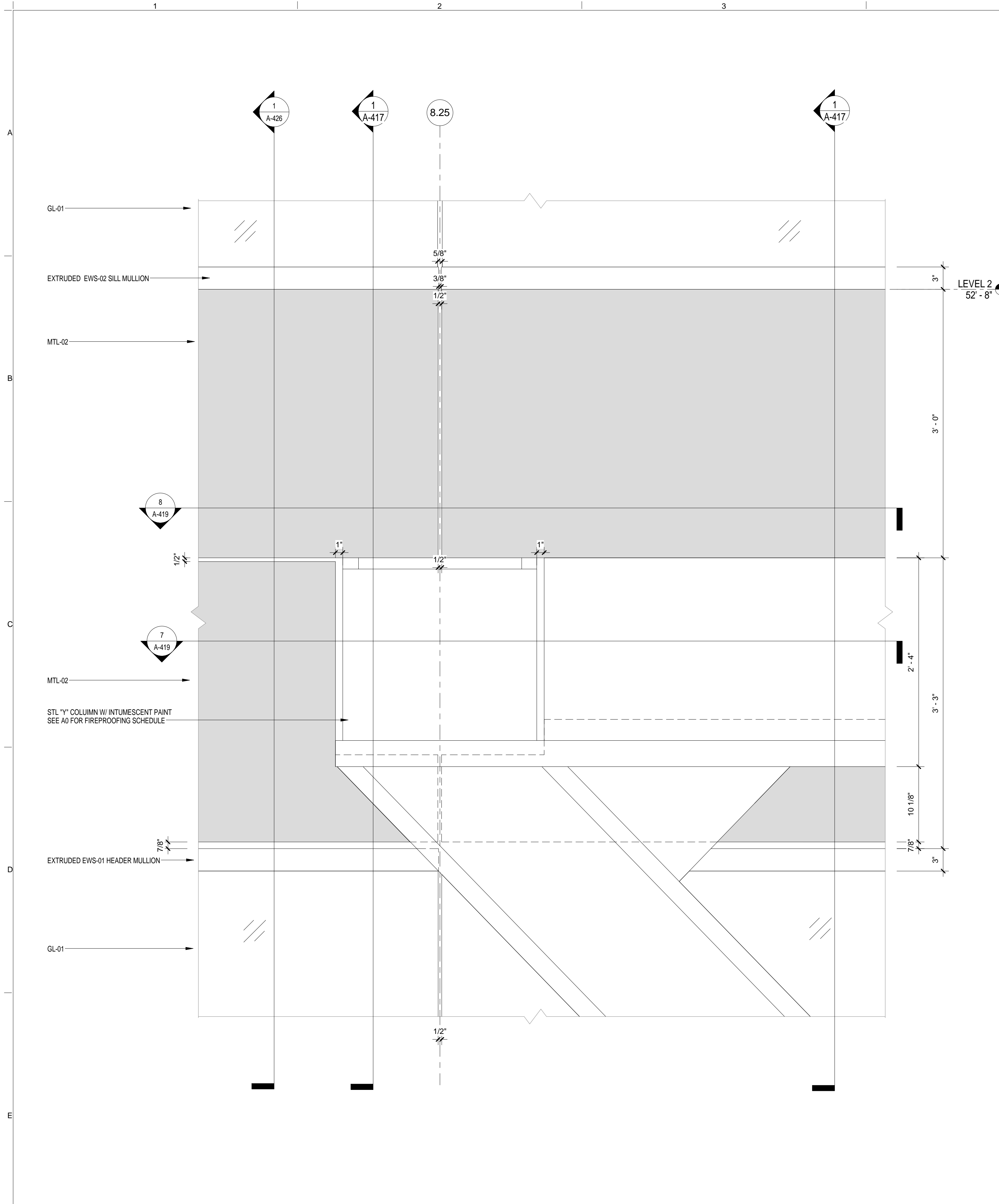
DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-415.00

Sheet 177 of 315



EWS TYPE 1 @ 'Y' COLUMN
SCALE: 1 1/2" = 1'-0" 2

EWS TYPE 1 - Callout 1
SCALE: 1 1/2" = 1'-0" 1



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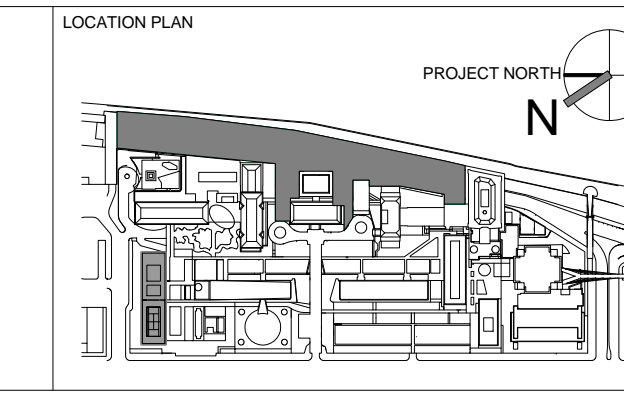
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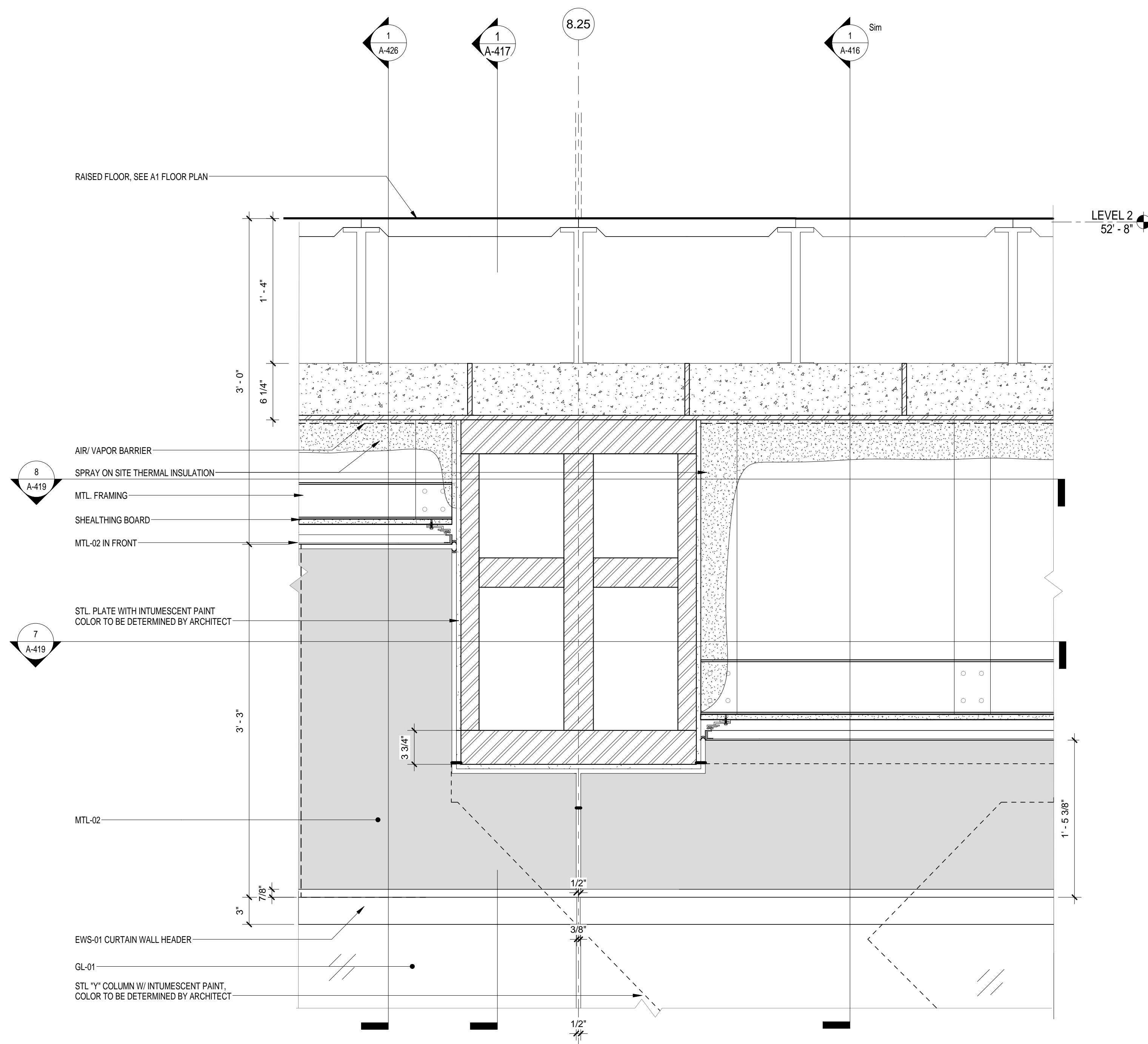
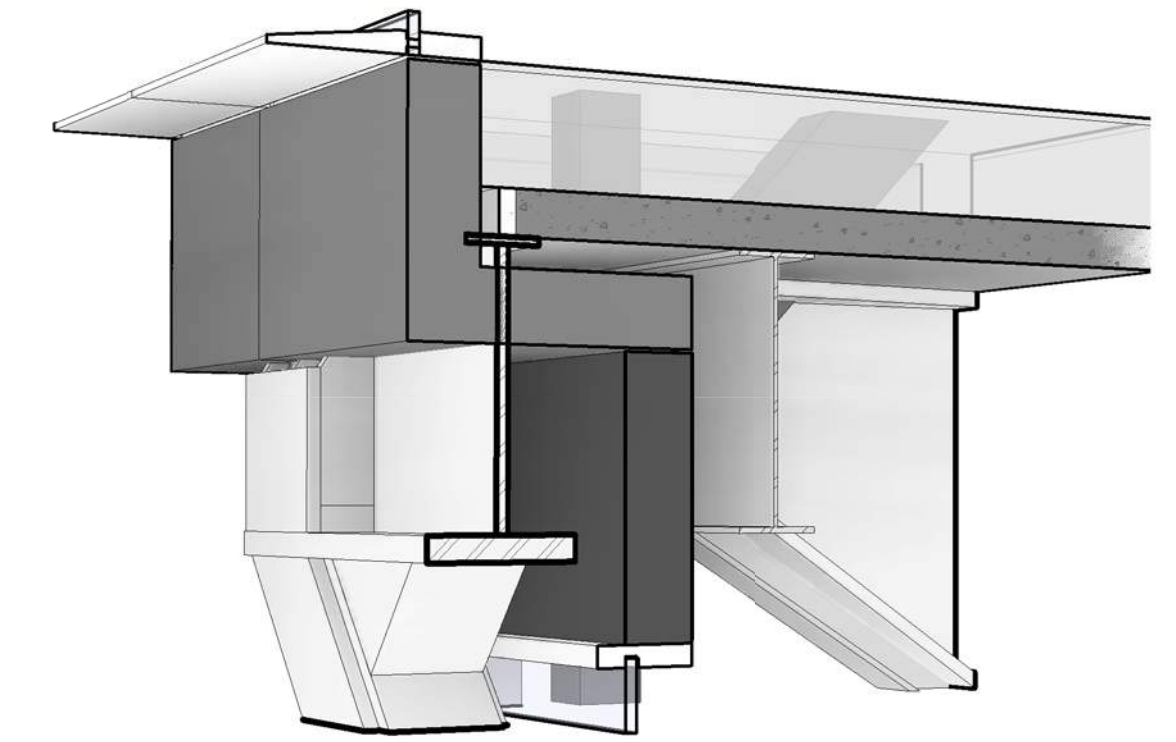
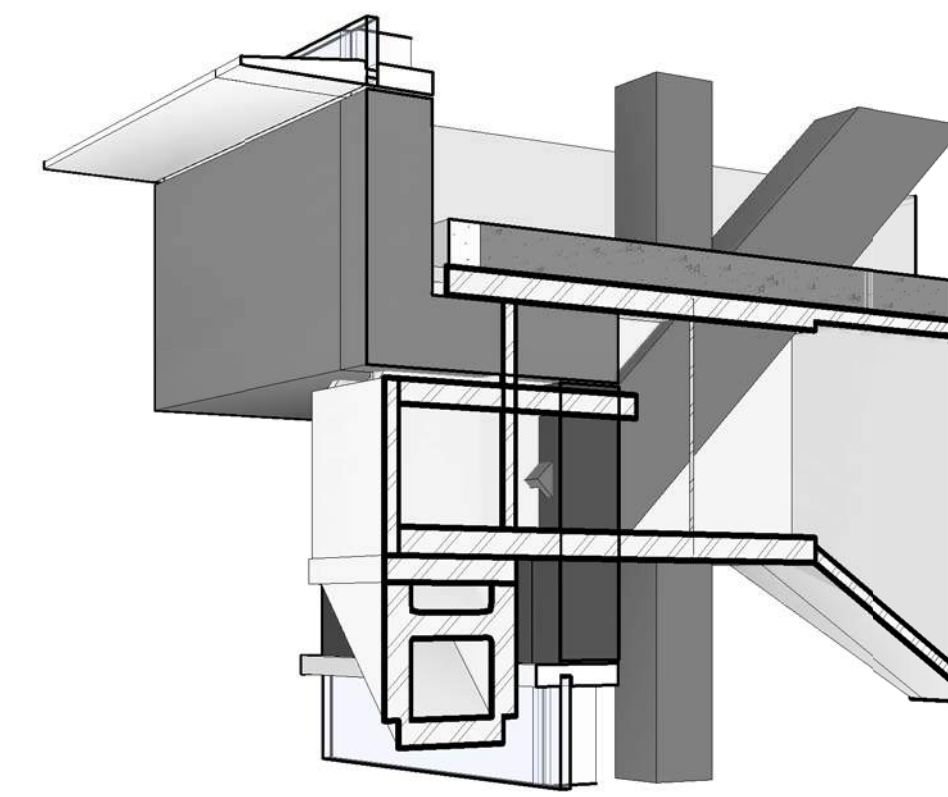
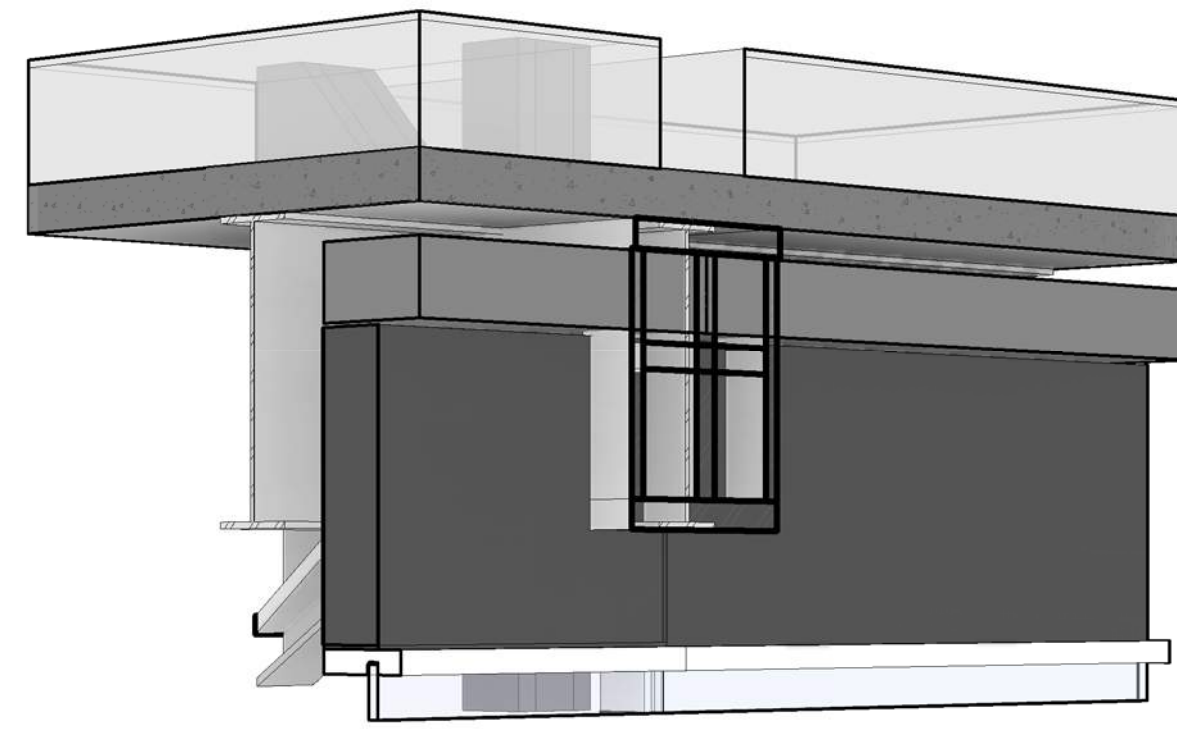
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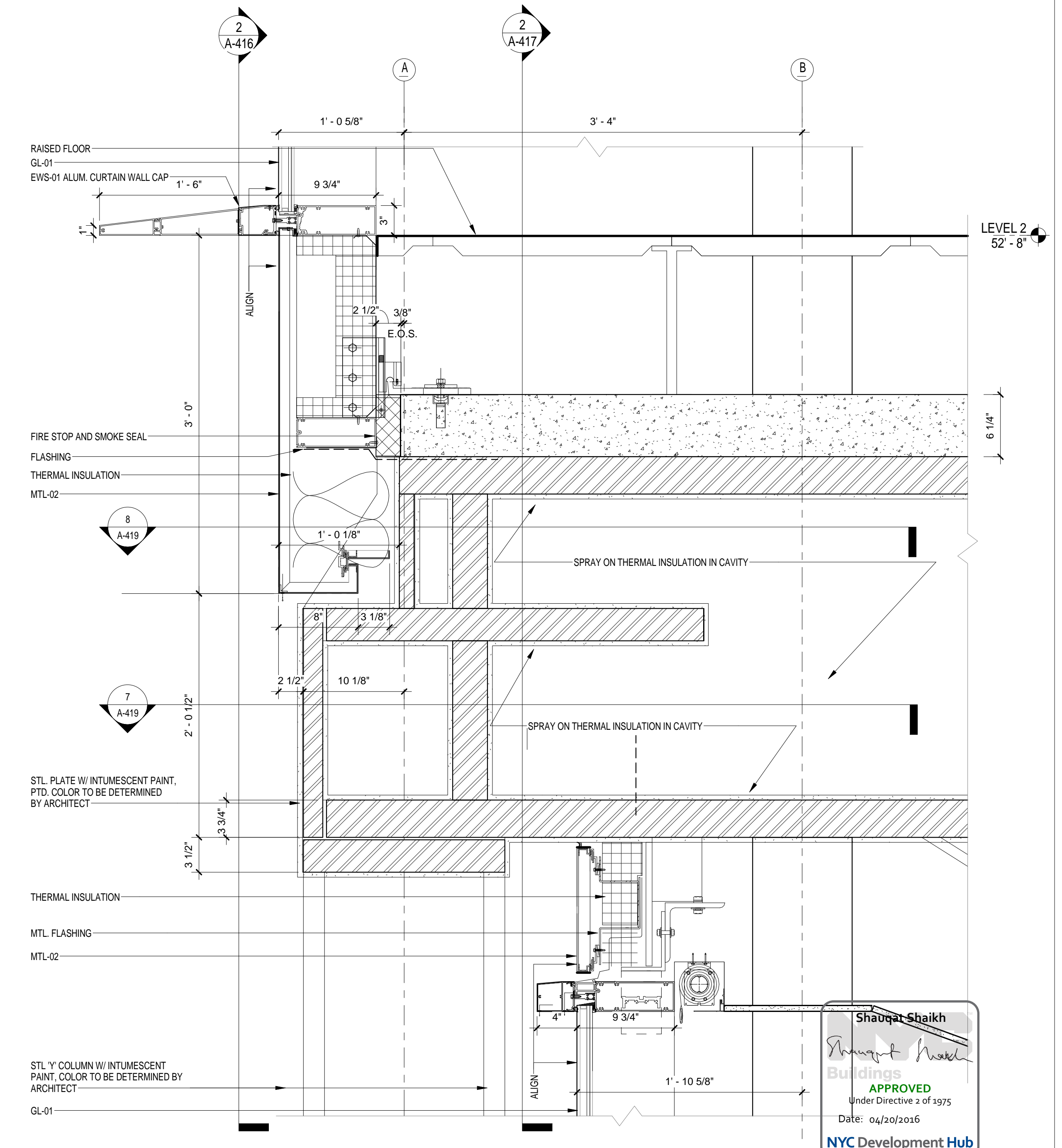
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1	PROGRESS SET	30-OCT-15	664.100
2	FIREPROOFING PACKAGE	7-DEC-15	DRAWING SIZE 24" x 36"
3	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1 1/2" = 1'-0"

EXTERIOR WALL SYSTEM TYPE 1 - DETAILS

DRAWING NUMBER: **A-416.00**
Sheet 178 of 315



EWS TYPE 1 - DETAIL 5
SCALE: 1 1/2" = 1'-0" 2



EWS TYPE 1 - Y COL CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0" 1

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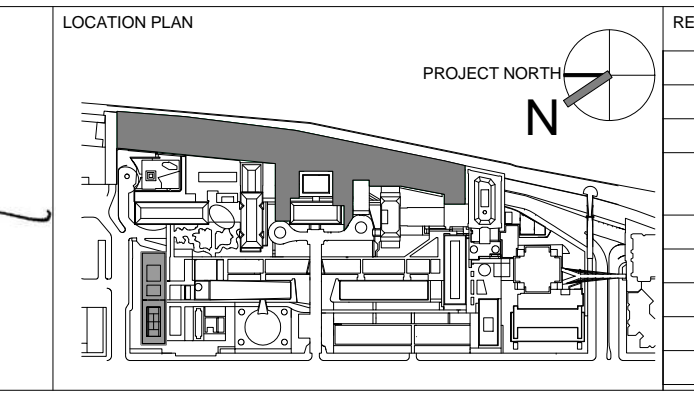
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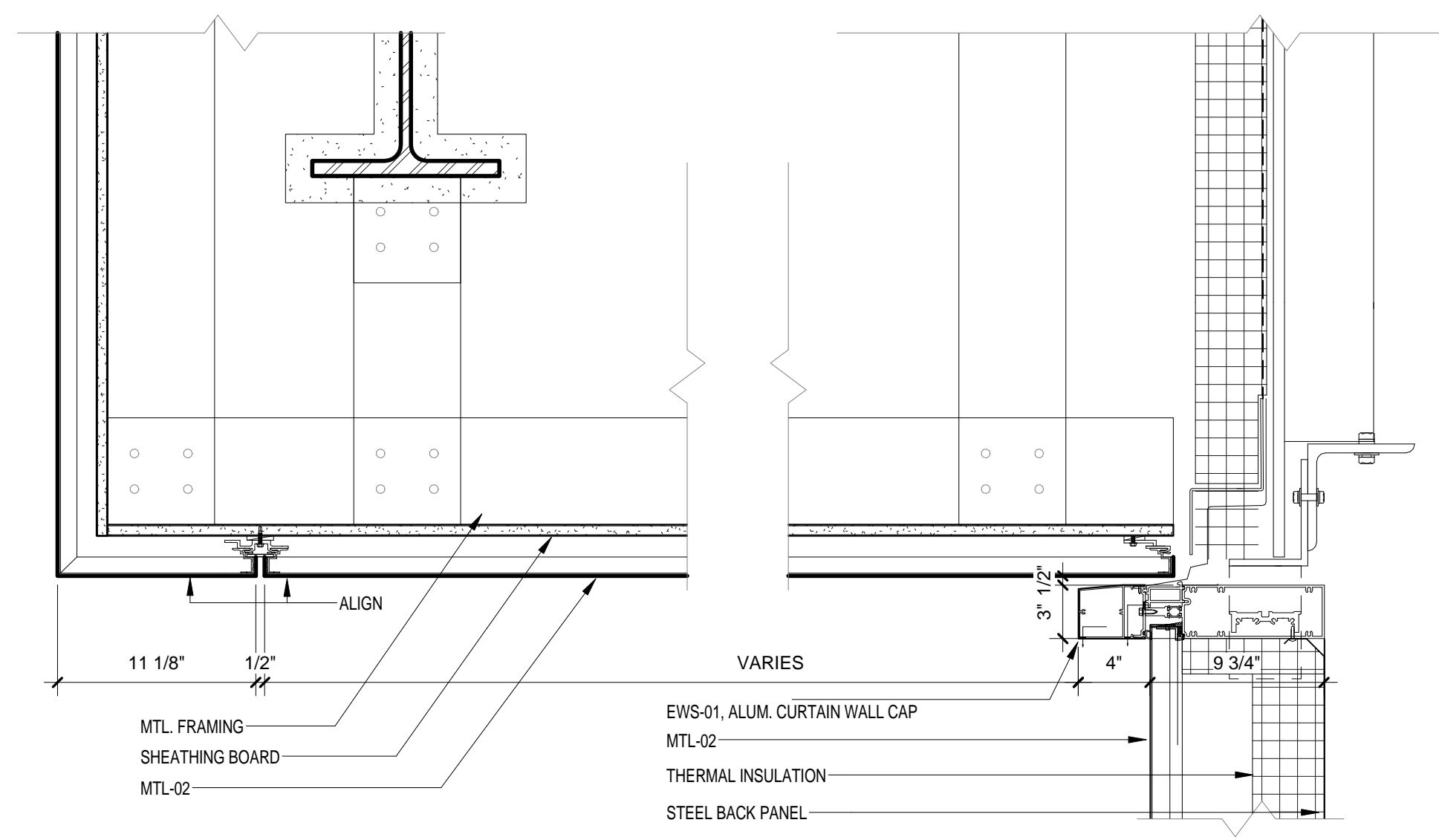
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1	PROGRESS SET	30-OCT-15	664.100
2	FIREPROOFING PACKAGE	7-DEC-15	
3	DOB SUBMISSION - RB	16-DEC-15	

DRAWING SIZE: 24" x 36"
DRAWING SCALE: 1 1/2" = 1'-0"
PROJECT PHASE: CONSTRUCTION DOCUMENTS

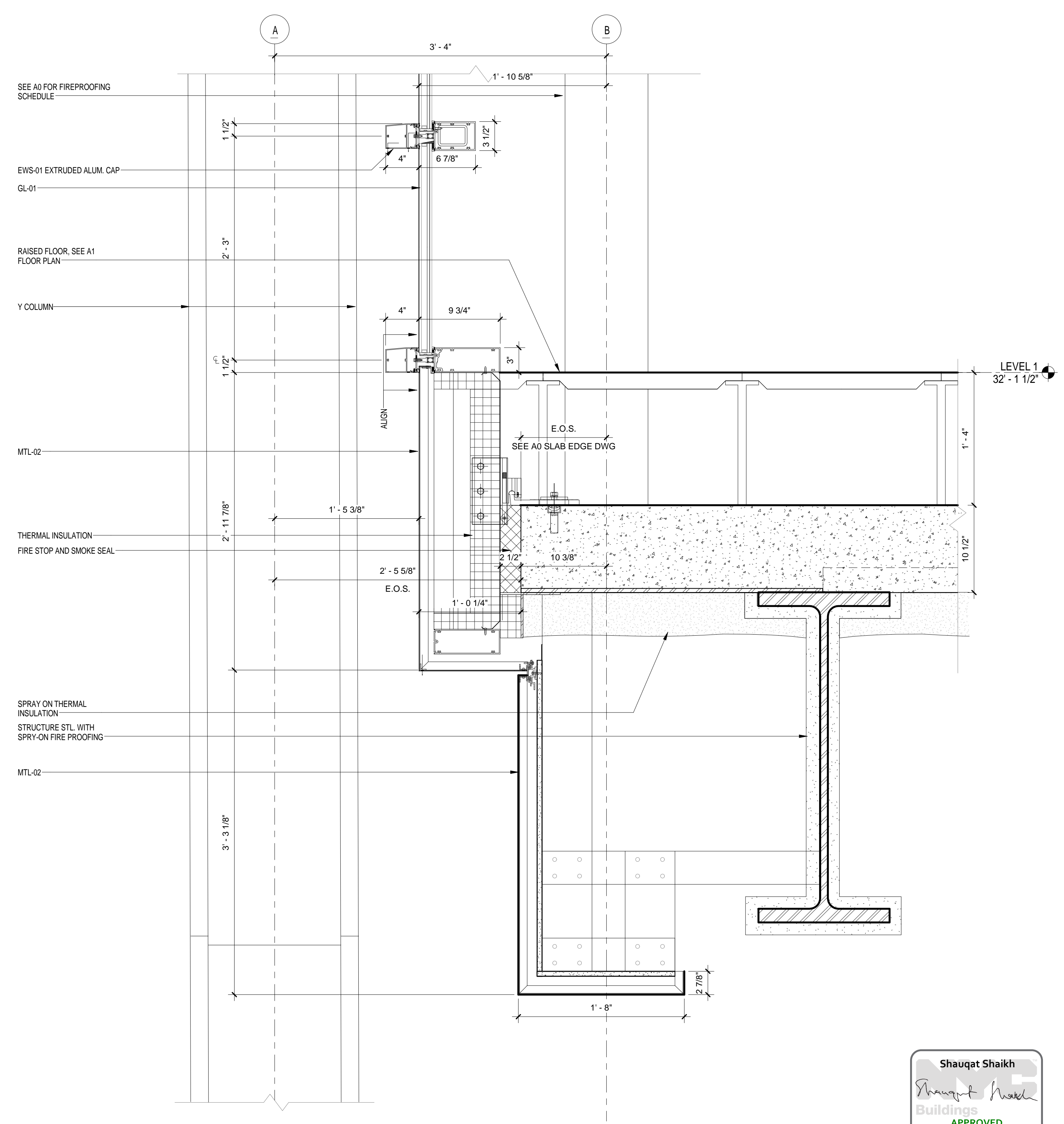
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EXTERIOR WALL SYSTEM TYPE 1 - DETAIL @ Y CONNECTION

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Sheet 179 of 315

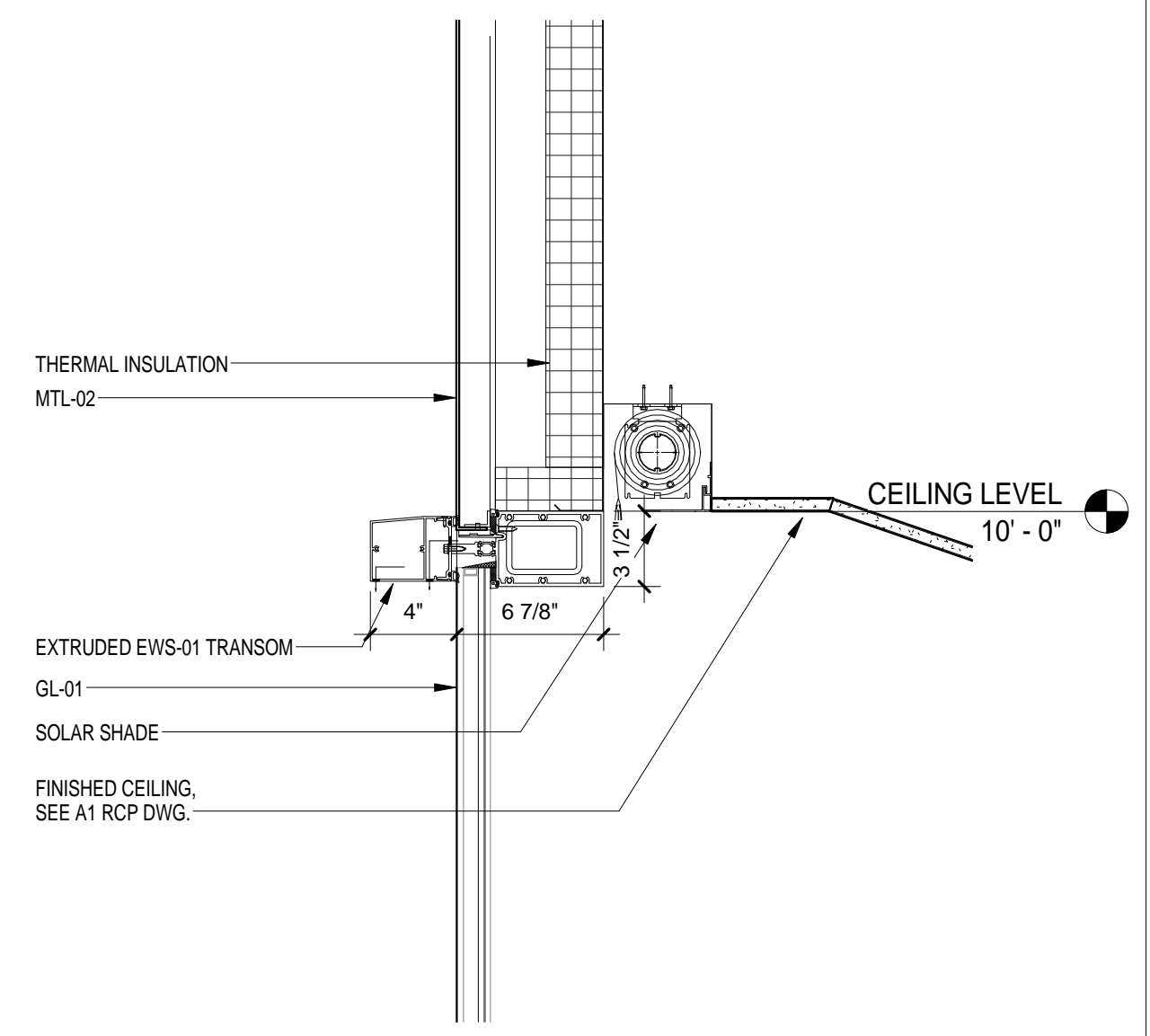
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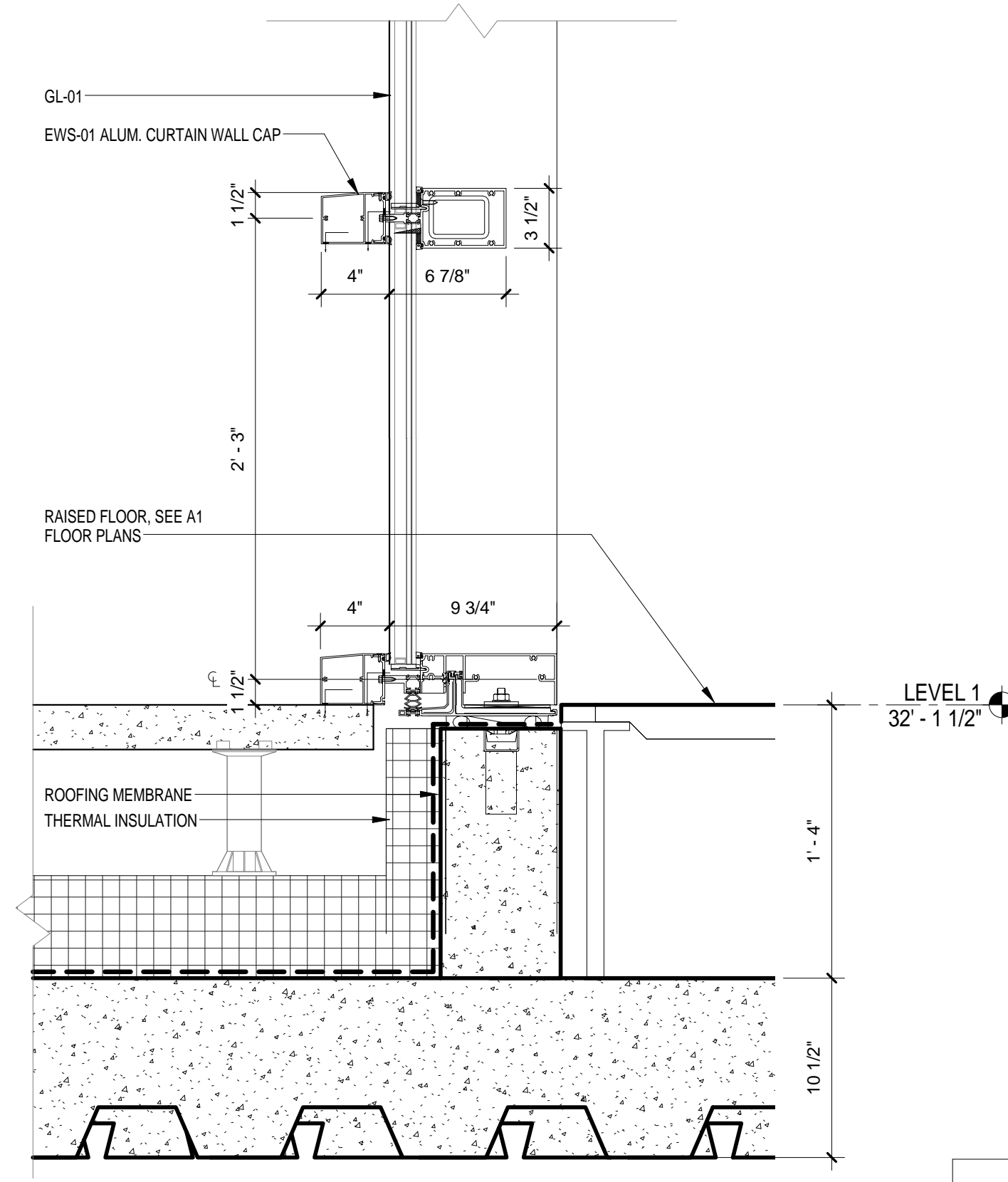
EWS TYPE 1 @ TERRACE - SOFFIT
SCALE: 1 1/2" = 1'-0" 3



EWS TYPE 1 @ TERRACE
SCALE: 1 1/2" = 1'-0" 2



EWS TYPE 1 - TRANSOM @ NORTH TERRACE
SCALE: 1 1/2" = 1'-0" 4



EWS TYPE 1 @ TERRACE
SCALE: 1 1/2" = 1'-0" 2

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EWS TYPE 1 - SECTION DETAIL
SCALE: 1 1/2" = 1'-0"
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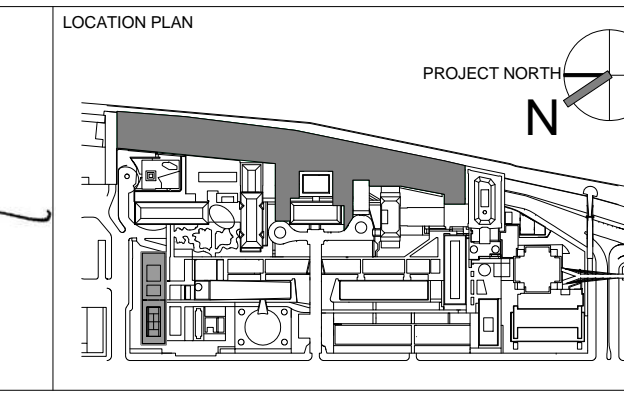
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REGISTERED ARCHITECT
NICHOLAS BARONIA
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	FIREPROOFING PACKAGE	7-DEC-15	
3	DOB SUBMISSION - RB	16-DEC-15	

DRAWING SIZE
24" x 36"

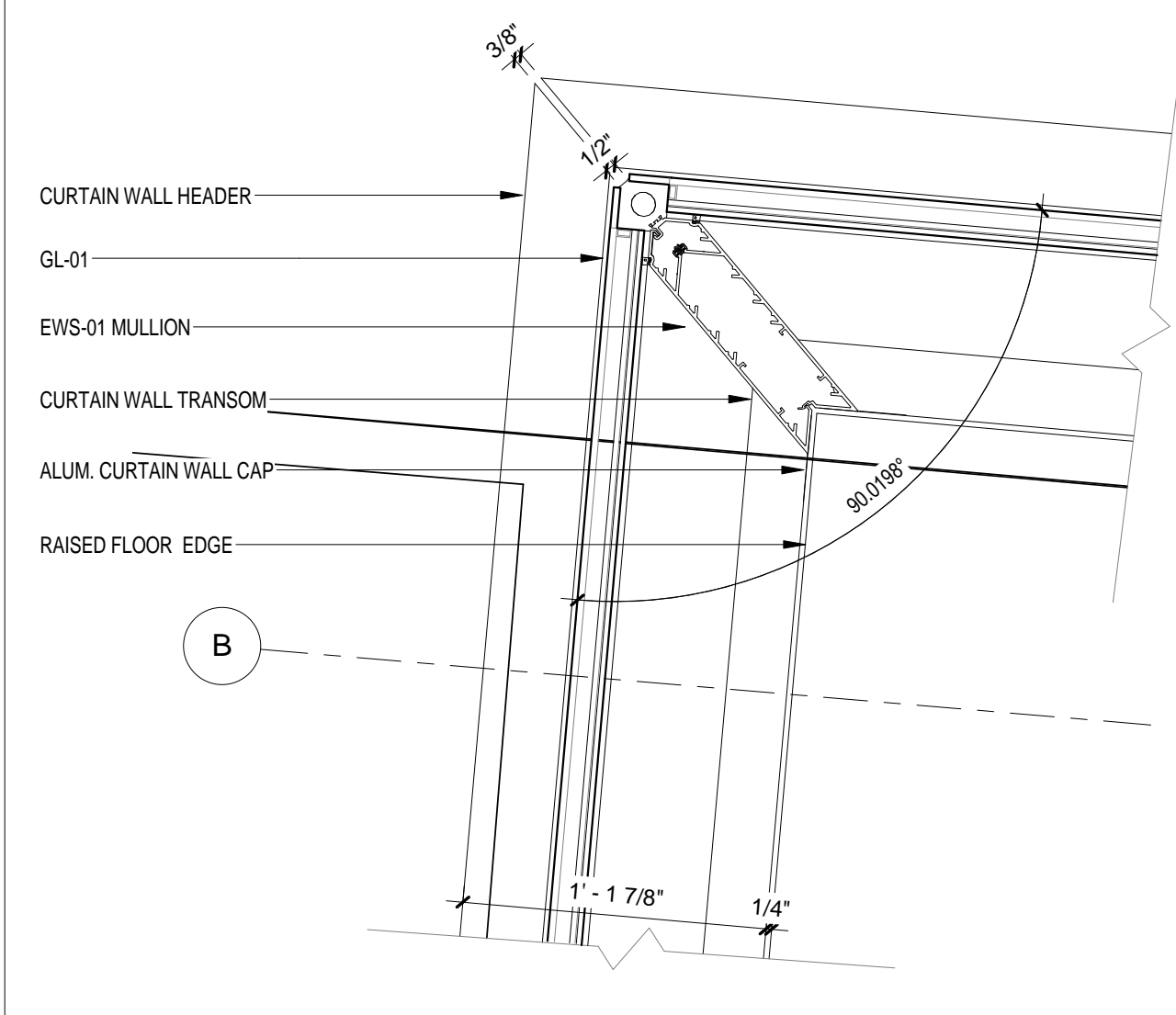
DRAWING SCALE
1 1/2" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

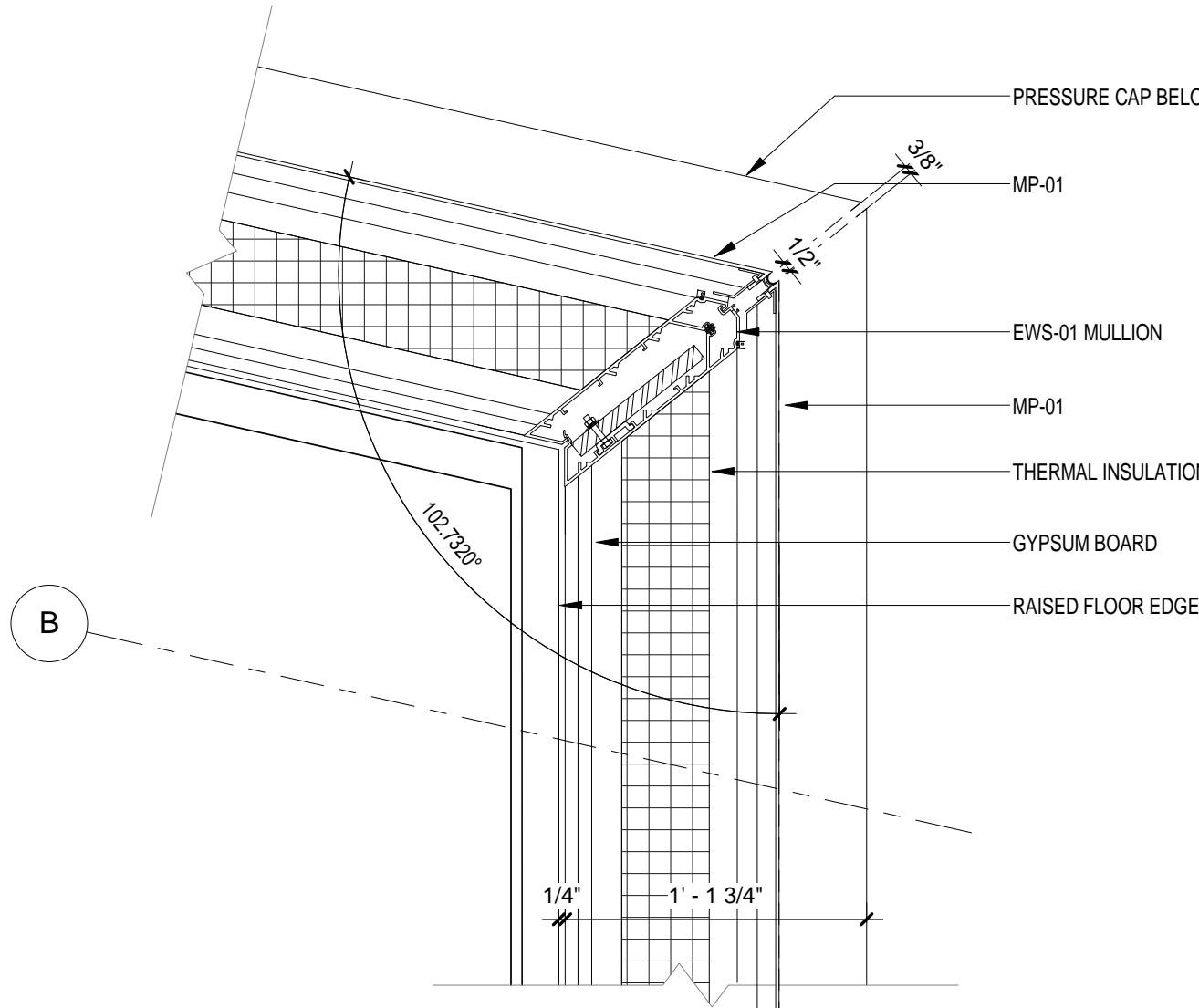
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EXTERIOR WALL SYSTEM TYPE 1 - DETAILS

DRAWING NUMBER
A-418.00

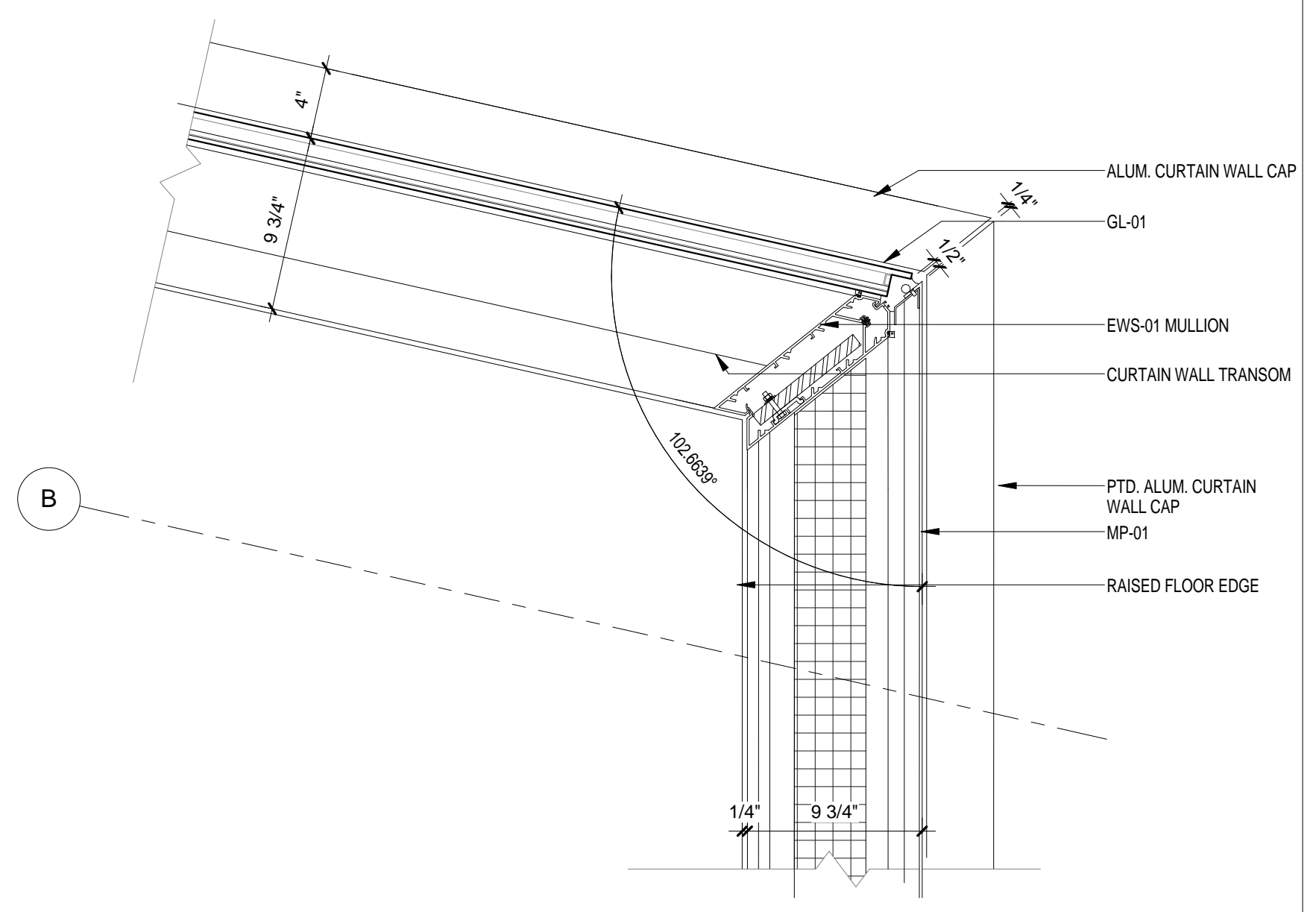
Sheet 180 of 315



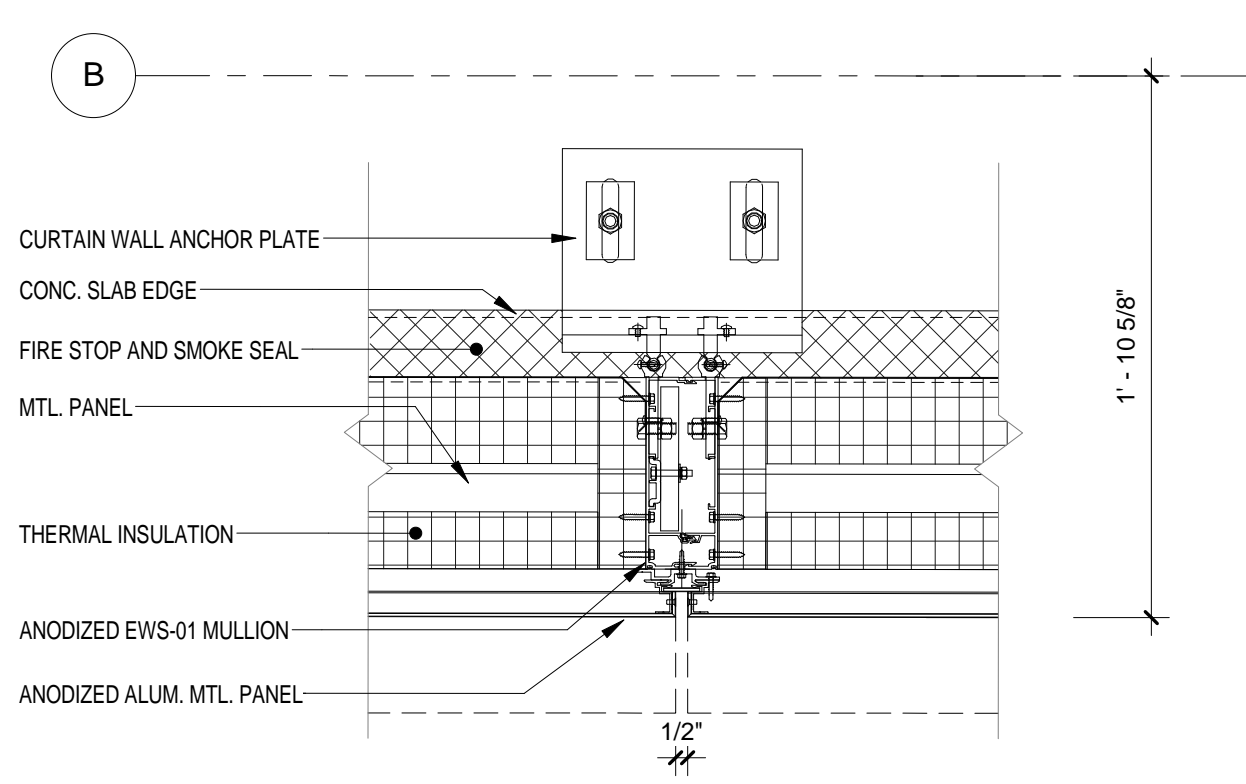
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SCALE: 1 1/2" = 1'-0" 6



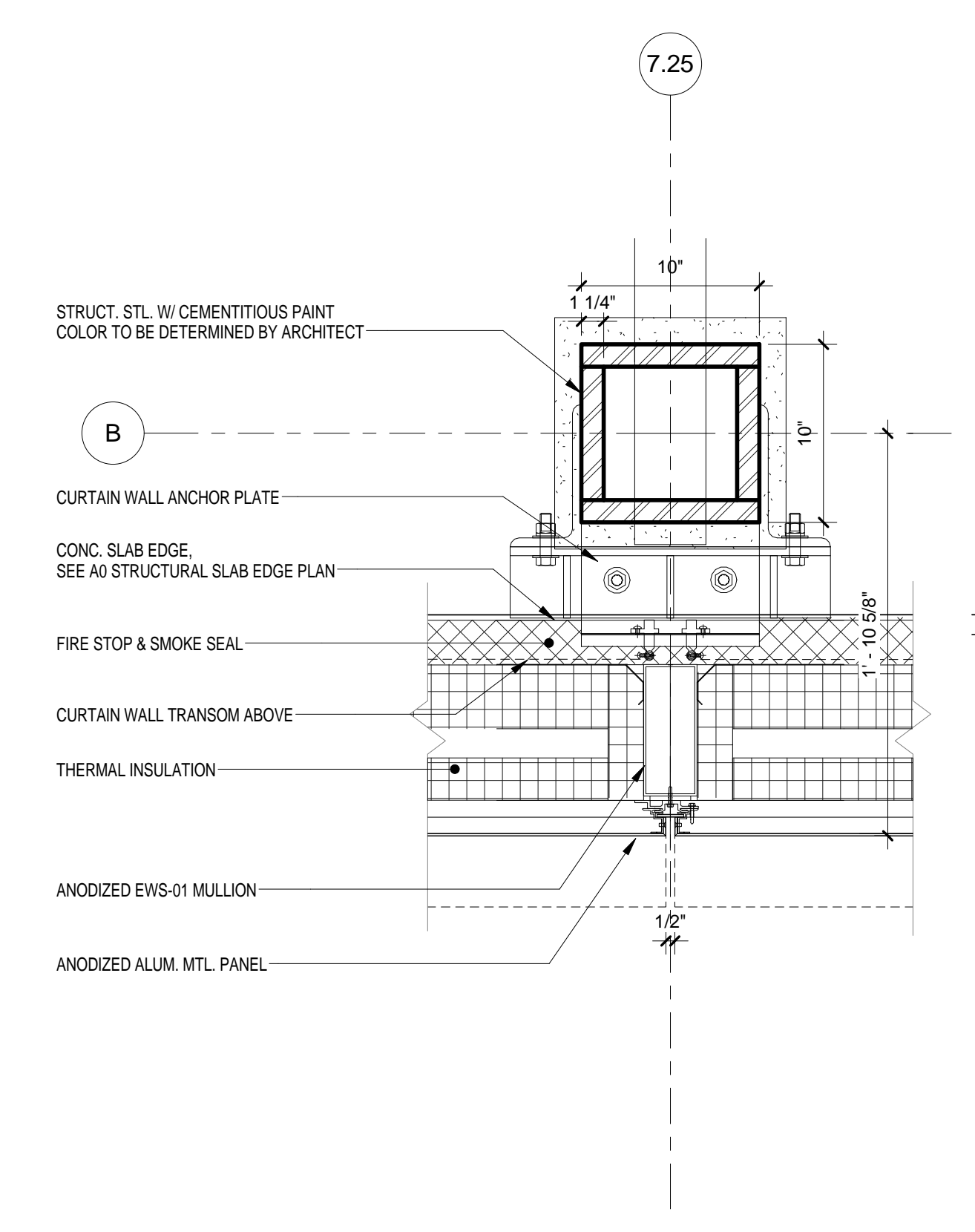
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SCALE: 1 1/2" = 1'-0" 4



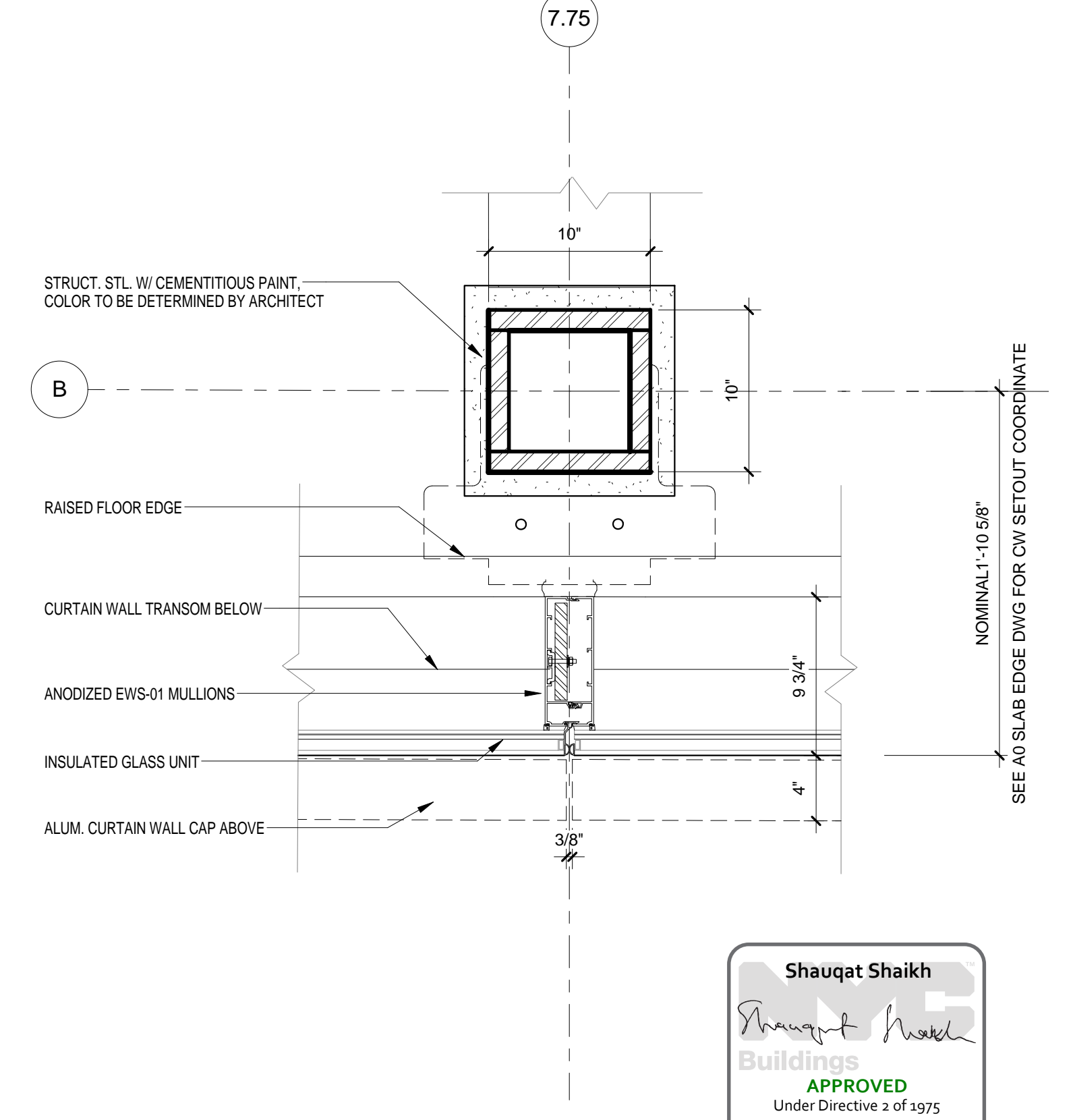
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SCALE: 1 1/2" = 1'-0" 2



EWS TYPE 1 - TYP BAY - Callout 1
SCALE: 1 1/2" = 1'-0" 5



EWS TYPE 1 - ANCHOR @ HANGER
SCALE: 1 1/2" = 1'-0" 3



EWS TYPE 1 - MULLION TYP
SCALE: 1 1/2" = 1'-0" 1

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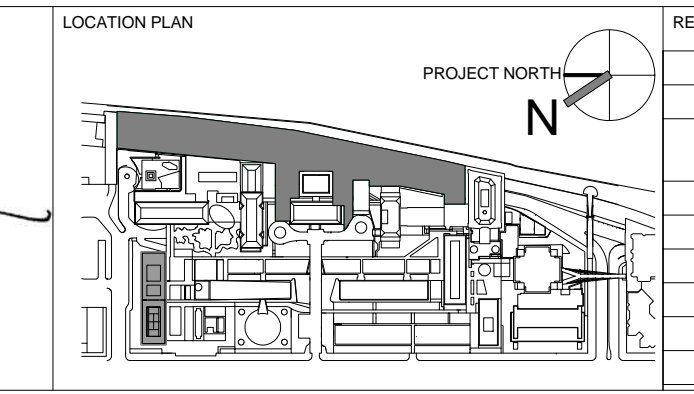
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REGISTERED ARCHITECT
No. 015267
STATE OF NEW YORK

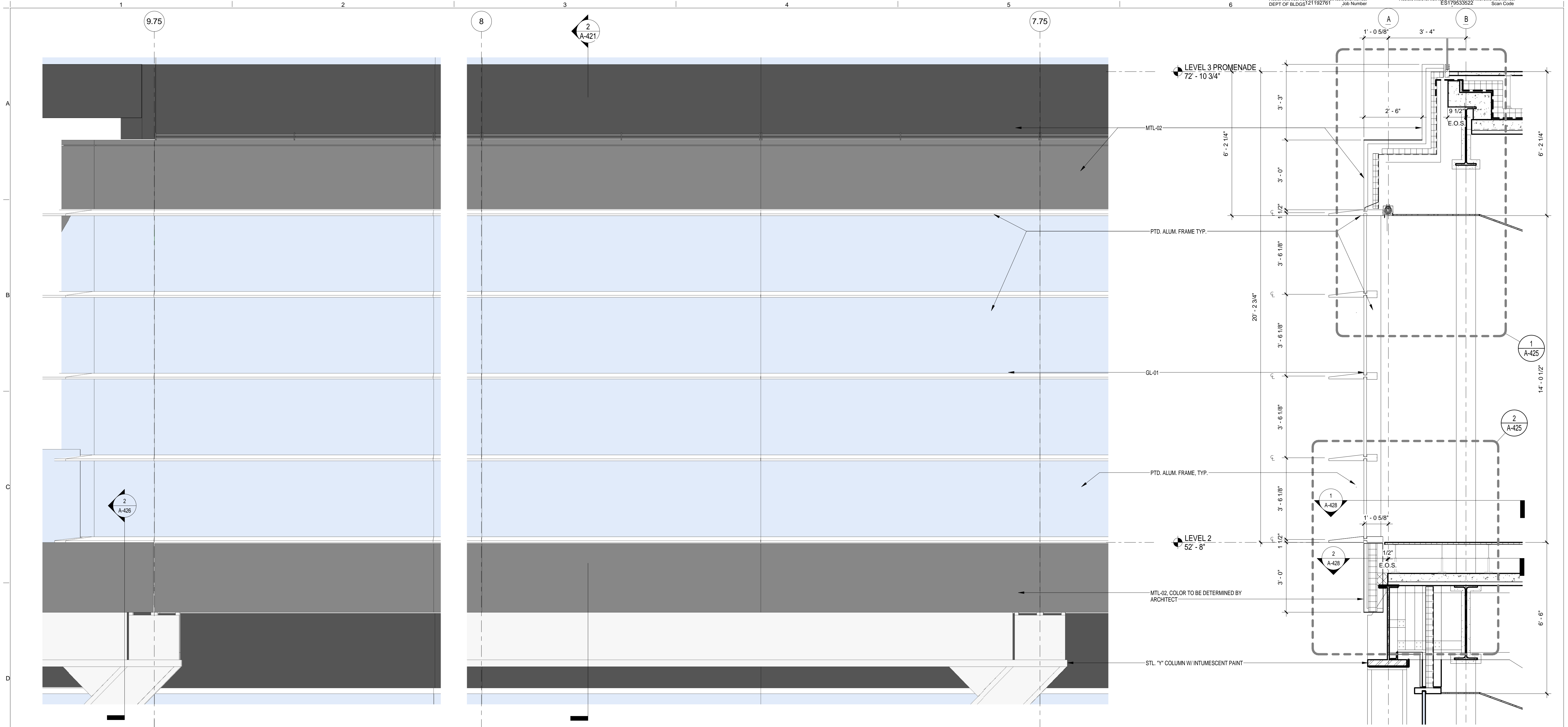


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	FIREPROOFING PACKAGE	7-DEC-15	DRAWING SIZE 24" x 36"
3	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1 1/2" = 1'-0"

EXTERIOR WALL SYSTEM TYPE 1 - PLAN DETAILS

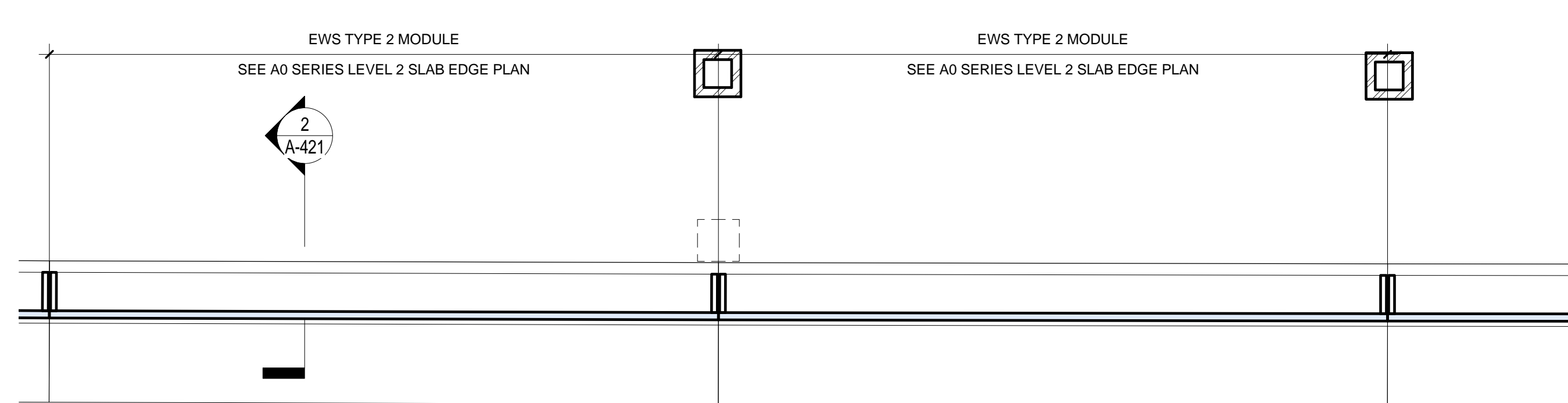
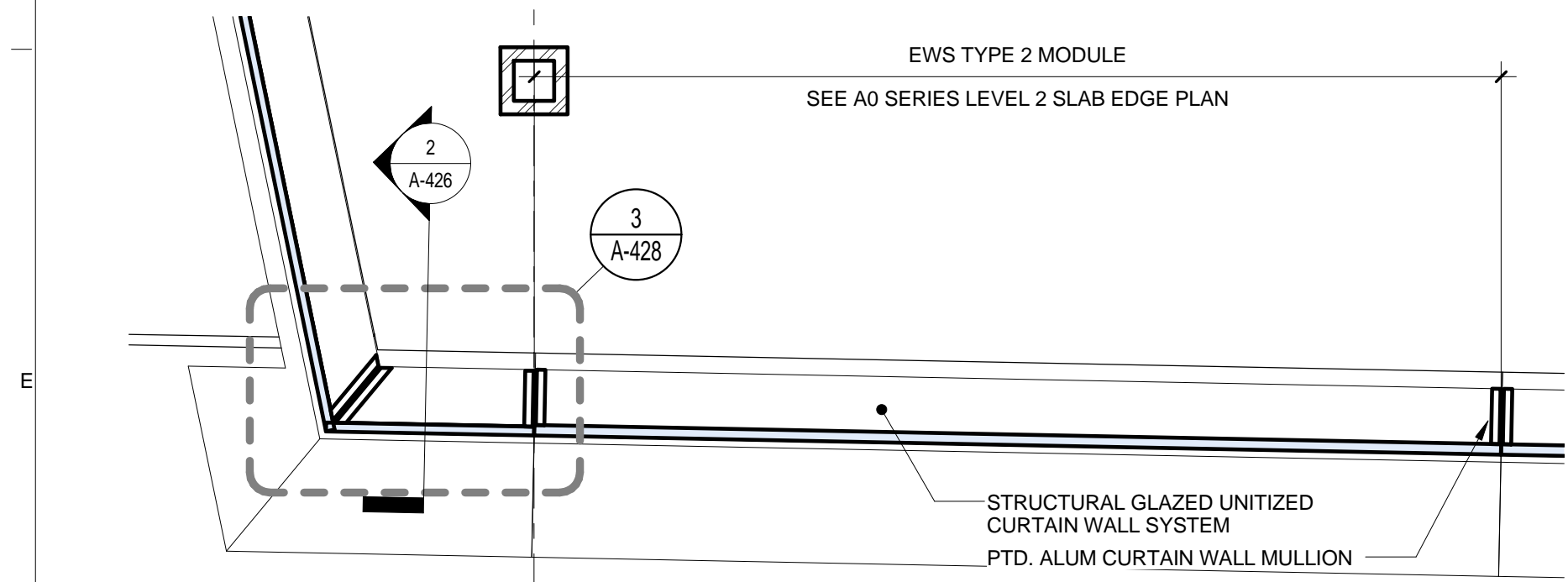
DRAWING NUMBER: **A-419.00**
Sheet 181 of 315

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EWS TYPE 2
SCALE: 1/2" = 1'-0" 3

EWS TYPE 2
SCALE: 1/2" = 1'-0" 2



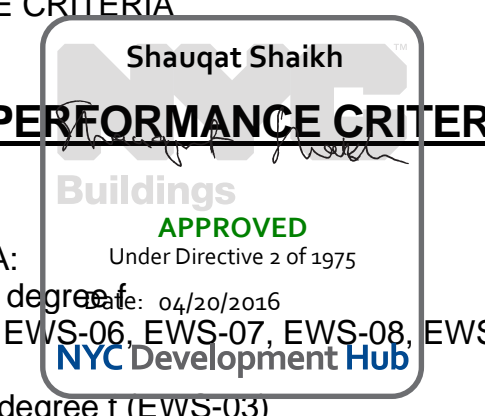
EWS TYPE 2
SCALE: 1/2" = 1'-0" 1

BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE U VALUE:
 • FIXED GLAZING AND FRAMING AREA:
 NO GRATER THAN 0.4 Btu/sq. ft. x h x degree F (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
 • FULL SPANDREL PANEL:
 NO GRATER THAN 0.2 Btu/sq.ft. x h x degree F (EWS-U3)
 SHGC: FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.35



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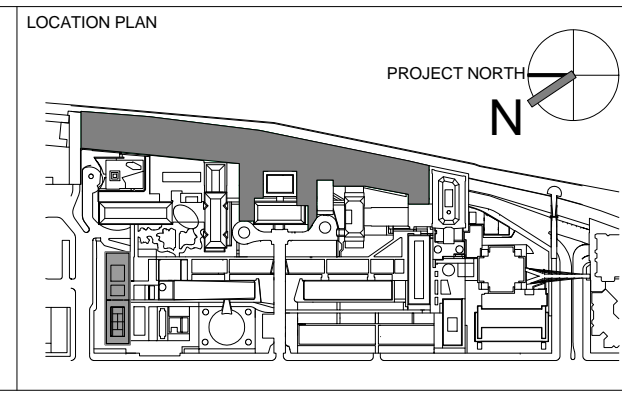
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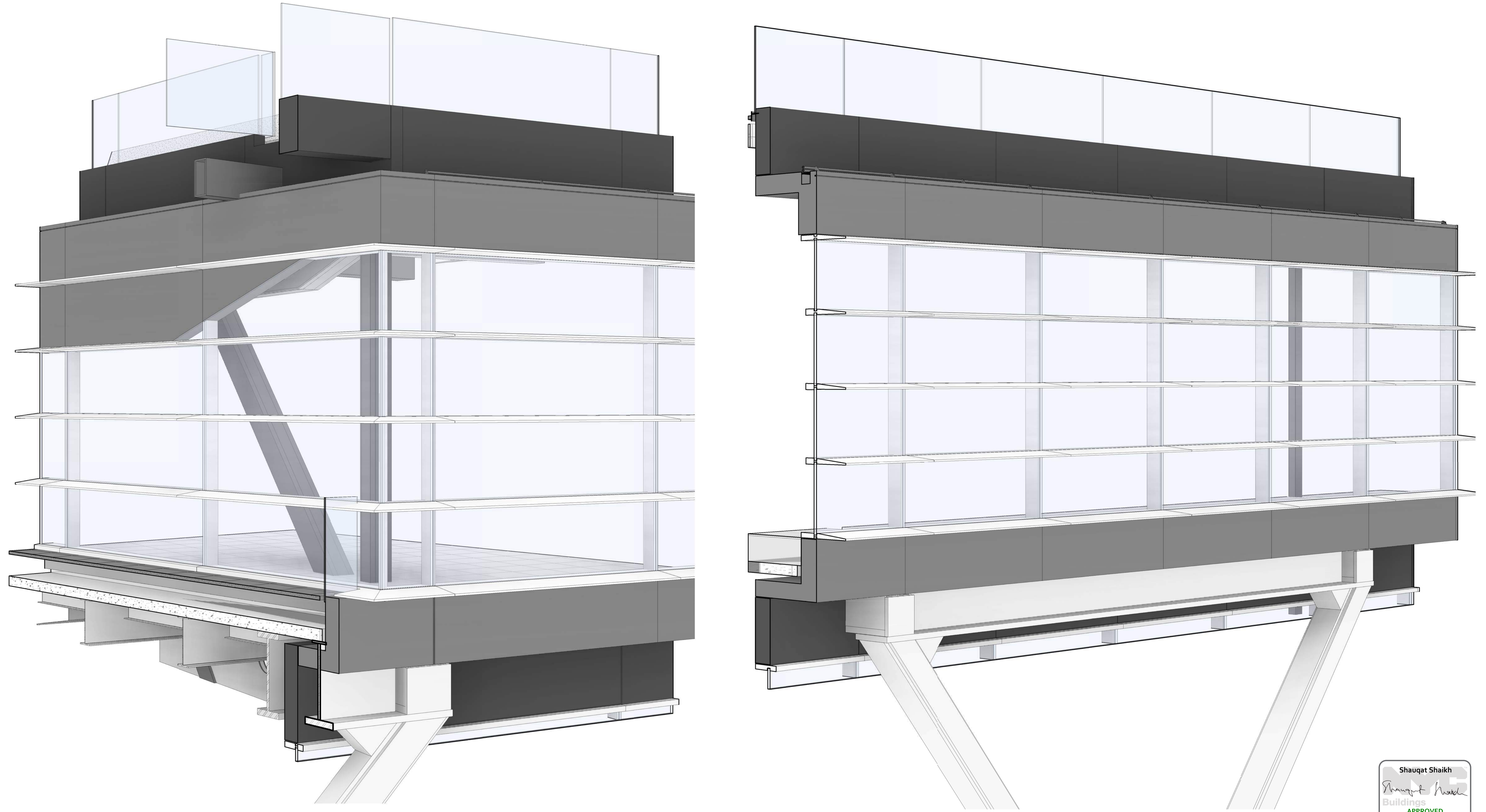
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REV	DESCRIPTION	DATE
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2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	DRAWING TITLE
664.100	EXTERIOR WALL SYSTEM TYPE 2 AT LEVEL 2 - RIVER CAMPUS PLAN, ELEV & SECTION
24' x 36"	
As indicated	
PROJECT PHASE CONSTRUCTION DOCUMENTS	

A-421.00
 Sheet 182 of 315



EWS TYPE 2 - SE CORNER
SCALE: 2

EWS TYPE 2
SCALE: 1

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Buildings
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Under Directive 2 of 1975
Date: 04/20/2016
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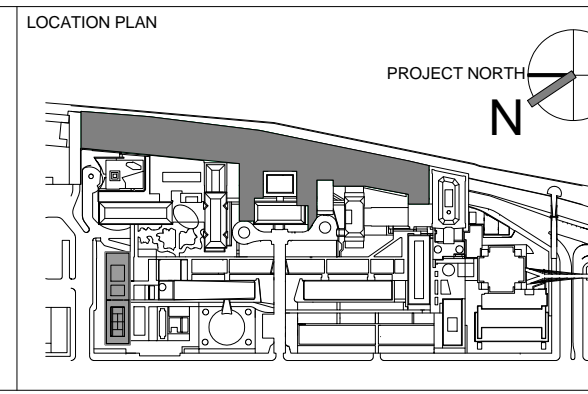
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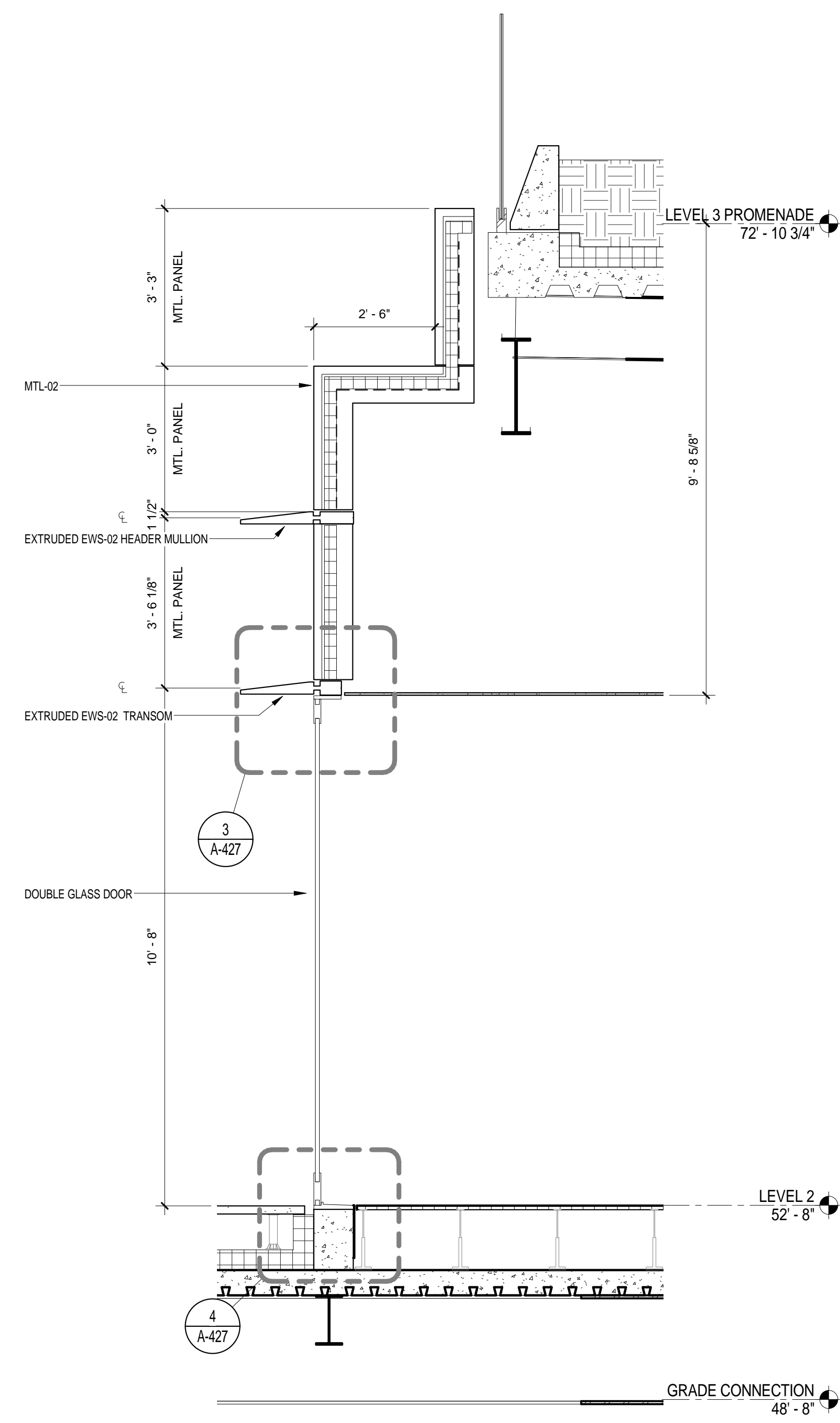


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2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE
4	DOB SUBMISSION - RB	16-DEC-15	

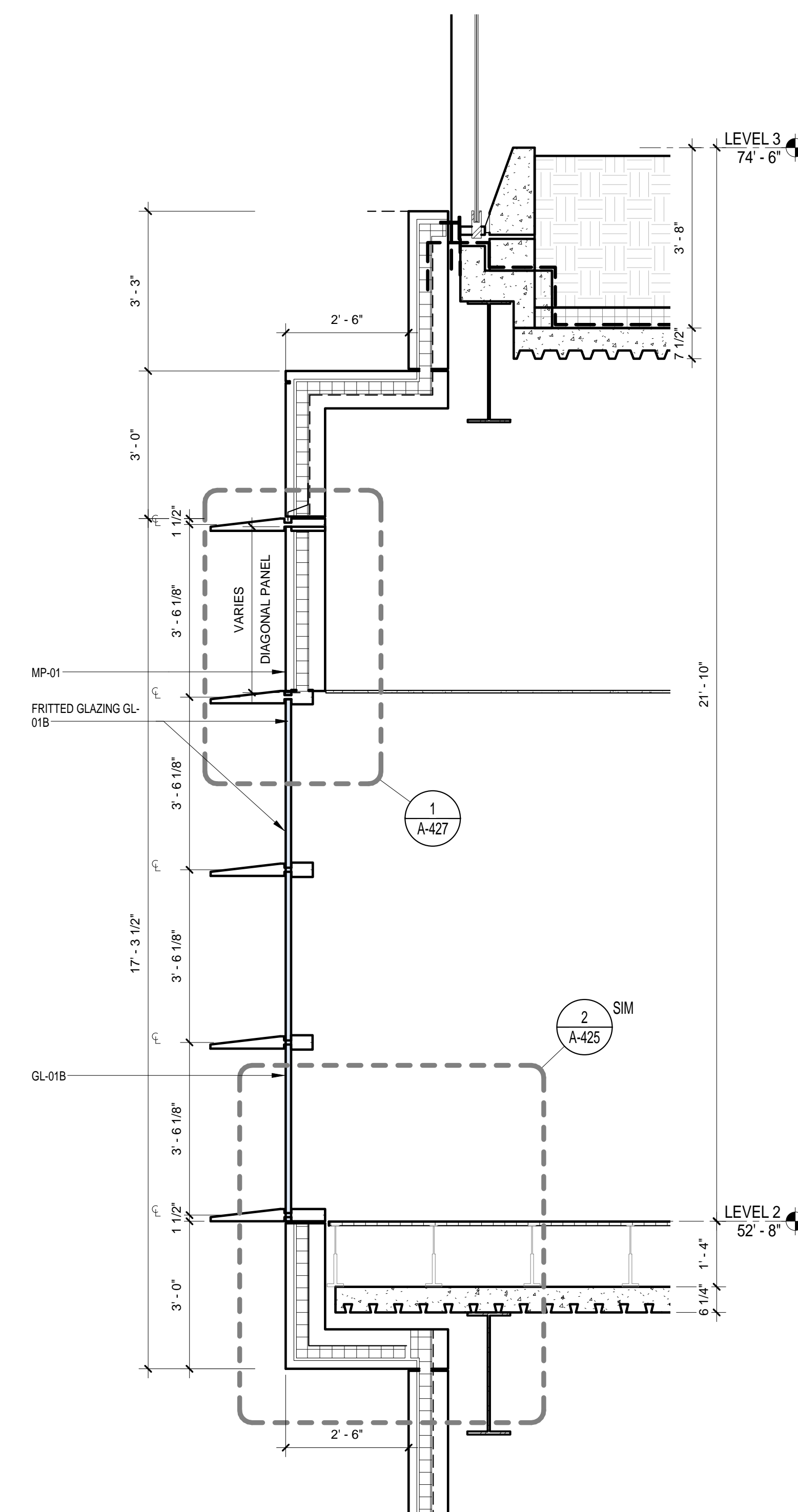
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DRAWING NUMBER
A-422.00

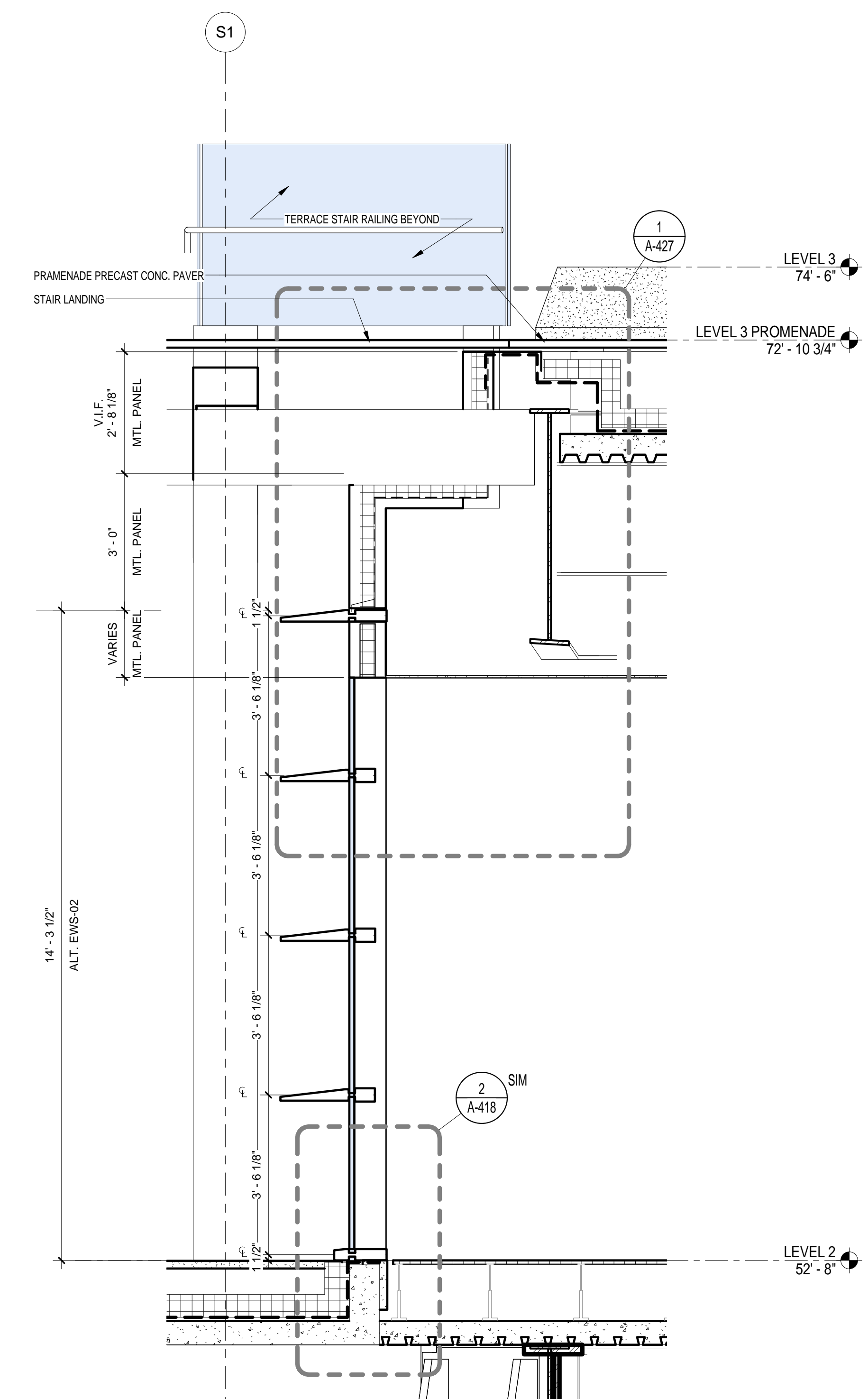
Sheet 183 of 315



EWS TYPE 2 - SECTION THROUGH DOOR @ SOUTH ELEVATION
SCALE: 1/2" = 1'-0" 3

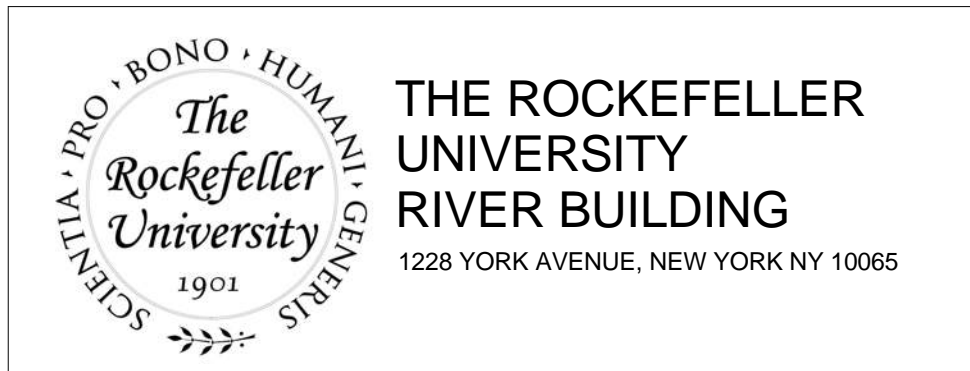


EWS TYPE 2 - SECTION DIAGONAL GLAZING
SCALE: 1/2" = 1'-0" 2



EWS TYPE 2 - SECTION AT SOUTH STAIR
SCALE: 1/2" = 1'-0" 1

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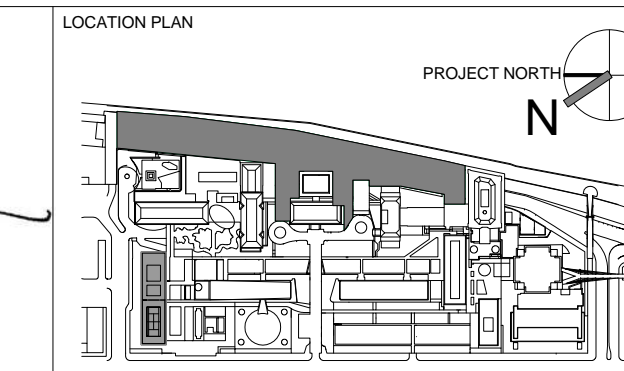
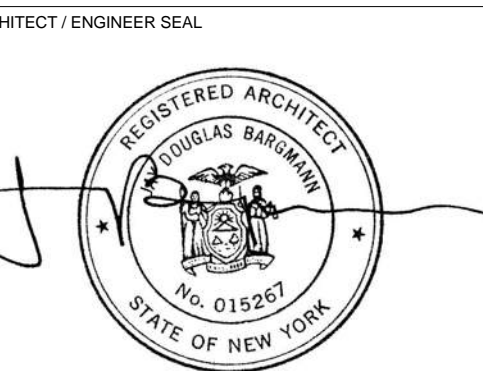
ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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STRUCTURAL ENGINEER
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NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL.
NEW YORK, NY 10016
T. 212.840.0060

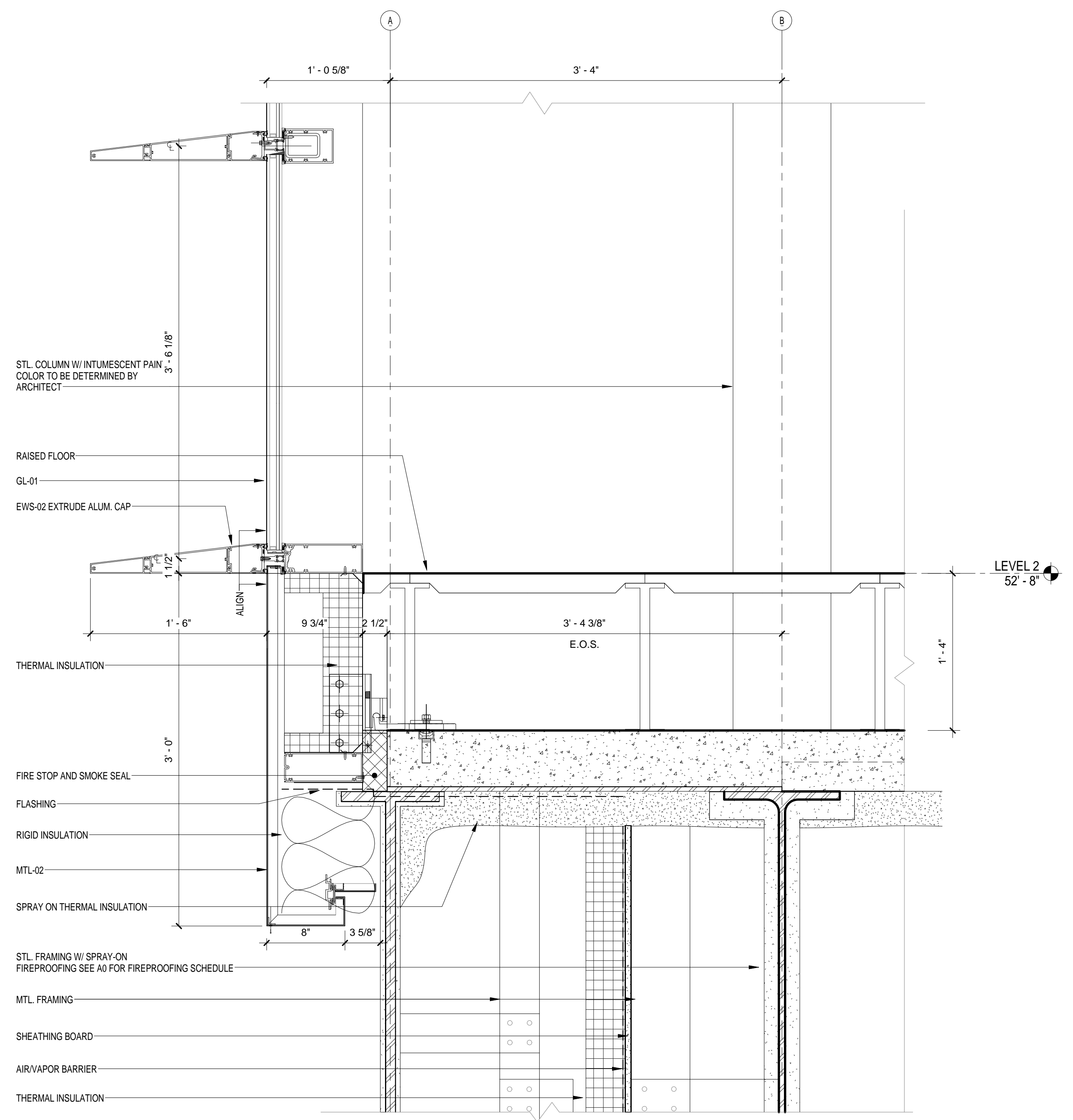
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ONE LUX STUDIO
158 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

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ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

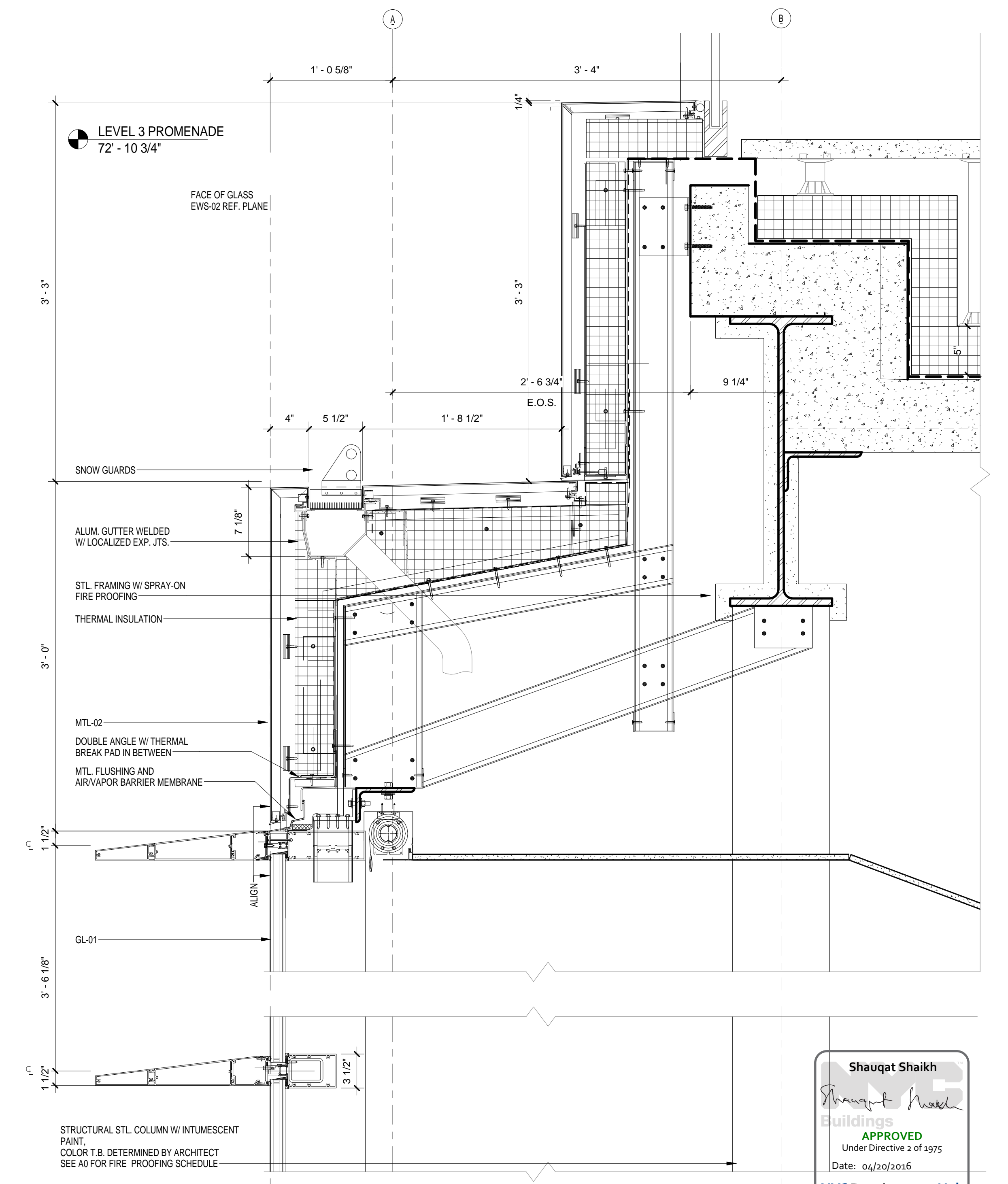


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2	DOB SUBMISSION - RB	16-DEC-15		

DRAWING NUMBER: A-423.00
DRAWING SIZE: 24" x 36"
DRAWING SCALE: 1/2" = 1'-0"
PROJECT PHASE: CONSTRUCTION DOCUMENTS
DRAWING NUMBER: A-423.00
Sheet 184 of 315

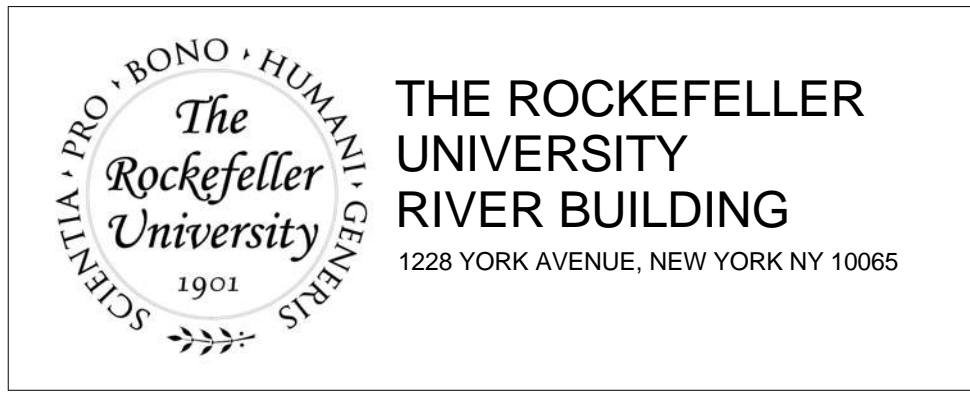


EWS TYPE 2 - SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



EWS TYPE 2 - SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

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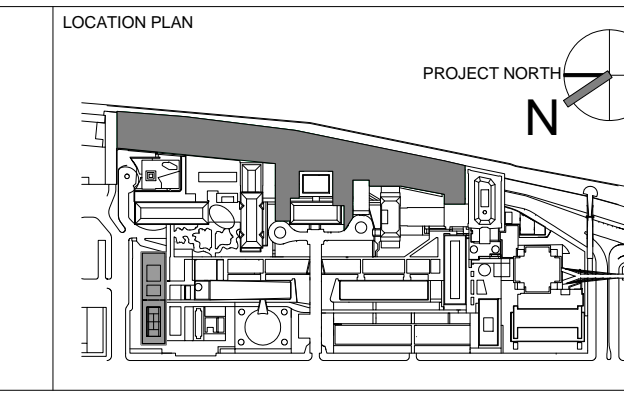
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
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2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE 1 1/2" = 1'-0"
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5	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 2 - DETAILS

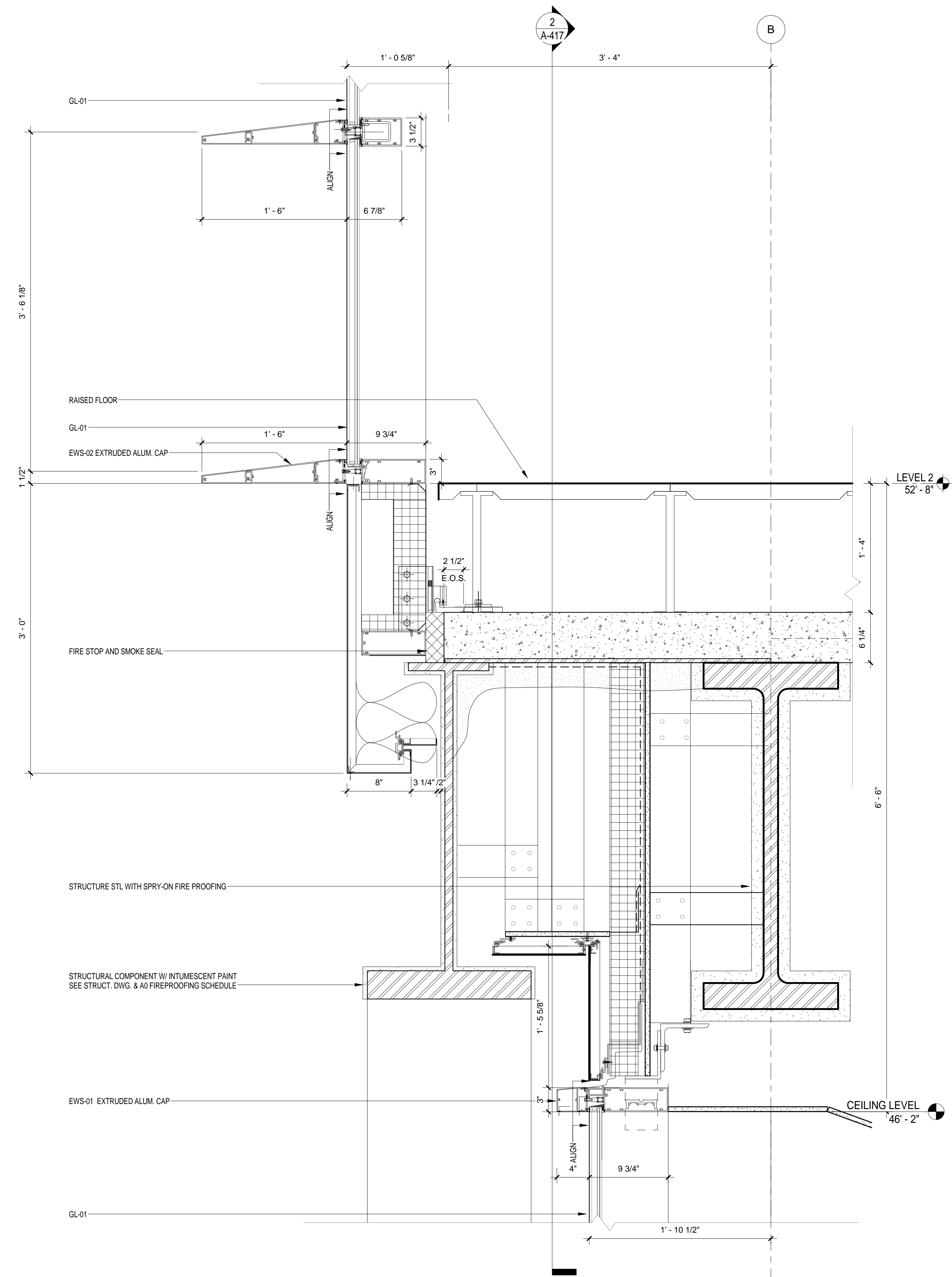
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DRAWING SIZE
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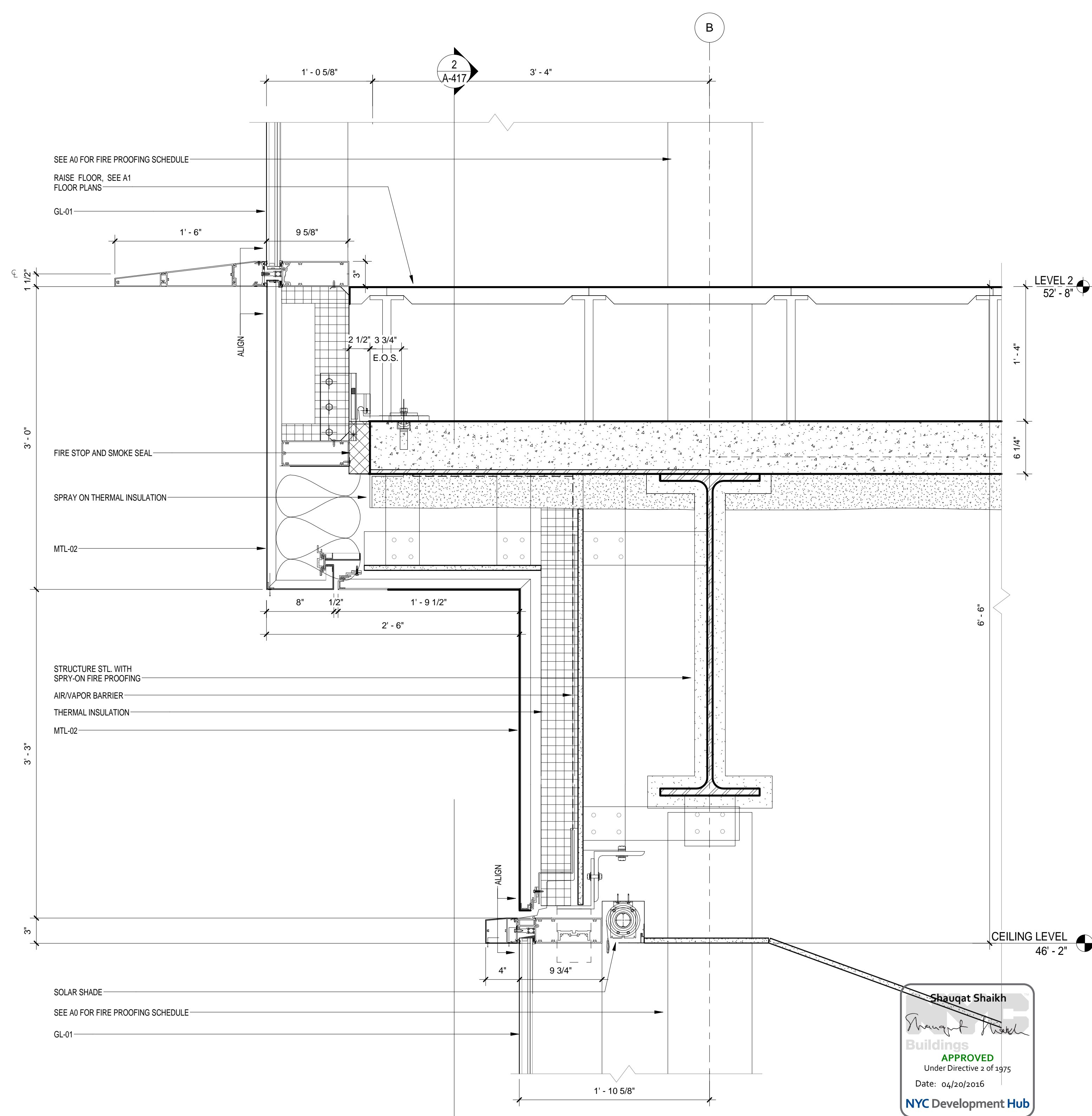
DRAWING SCALE
1 1/2" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

Sheet 185 of 315

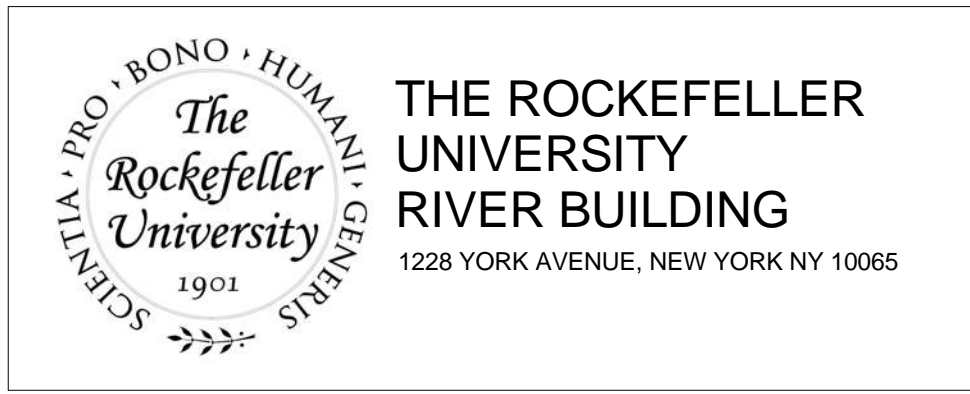


EWS TYPE 2 - SECTION THROUGH SOUTH EAST ELEVATION - Callout 1
SCALE: 1 1/2" = 1'-0"



EWS TYPE 1 - SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

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NEW YORK, NY 10016
T. 212.840.0060

CIVIL ENGINEER
LANGAN
21 PENN PLAZA 8TH FL
NEW YORK, NY 10001
T. 212.479.5400

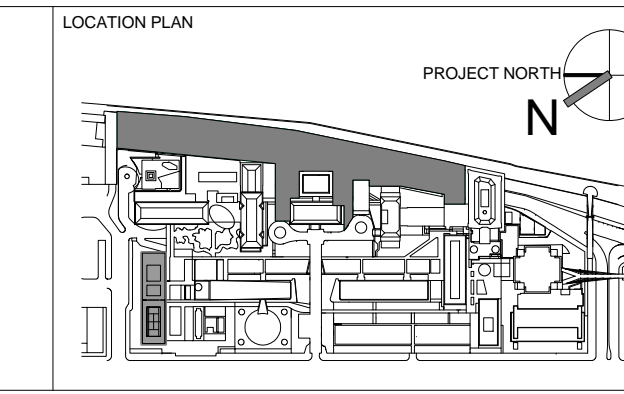
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NEW YORK, NY 10271
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REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING SIZE: 24" x 36"
DRAWING SCALE: 1 1/2" = 1'-0"

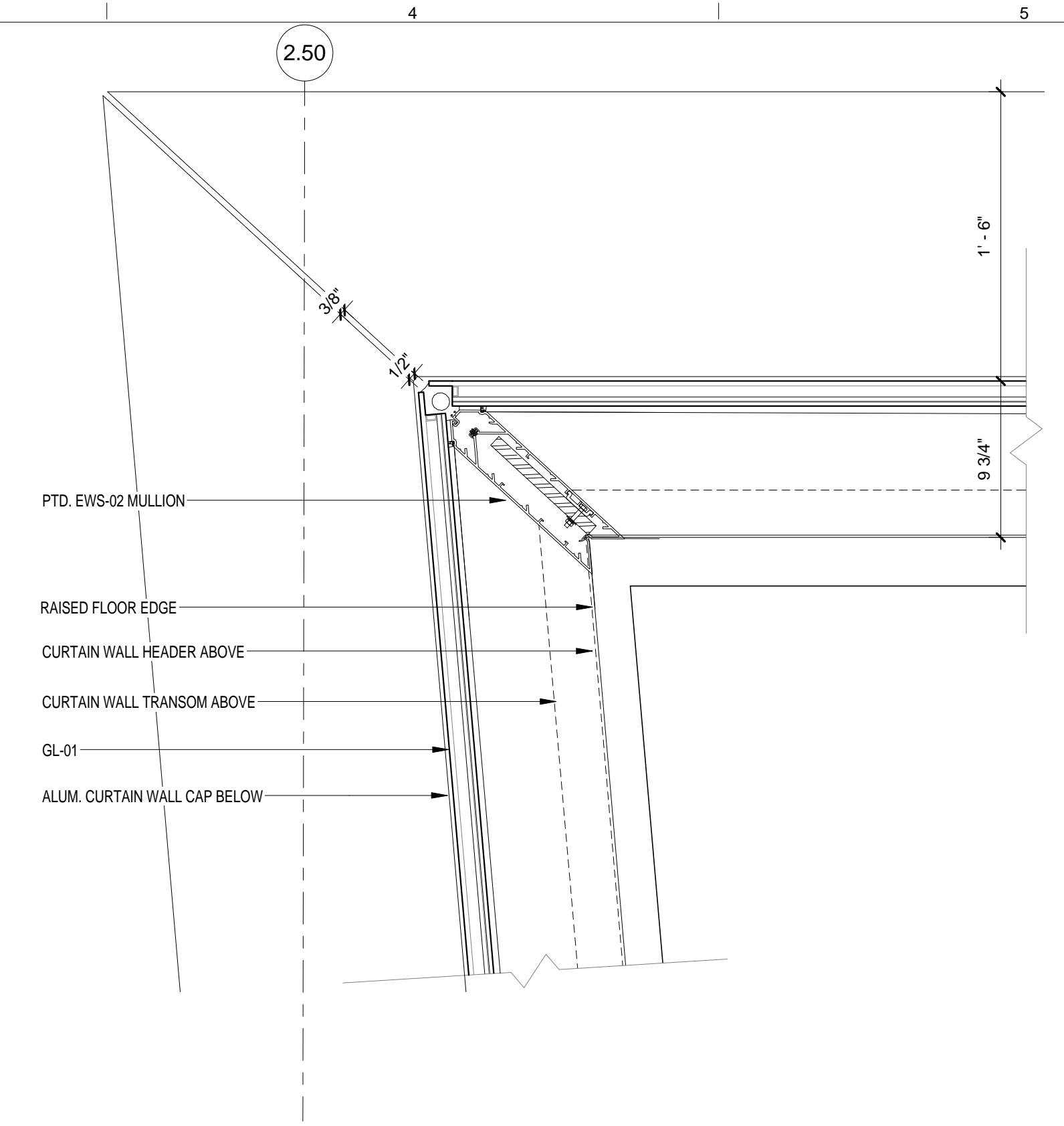
PROJECT PHASE: CONSTRUCTION DOCUMENTS

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 2 - DETAILS

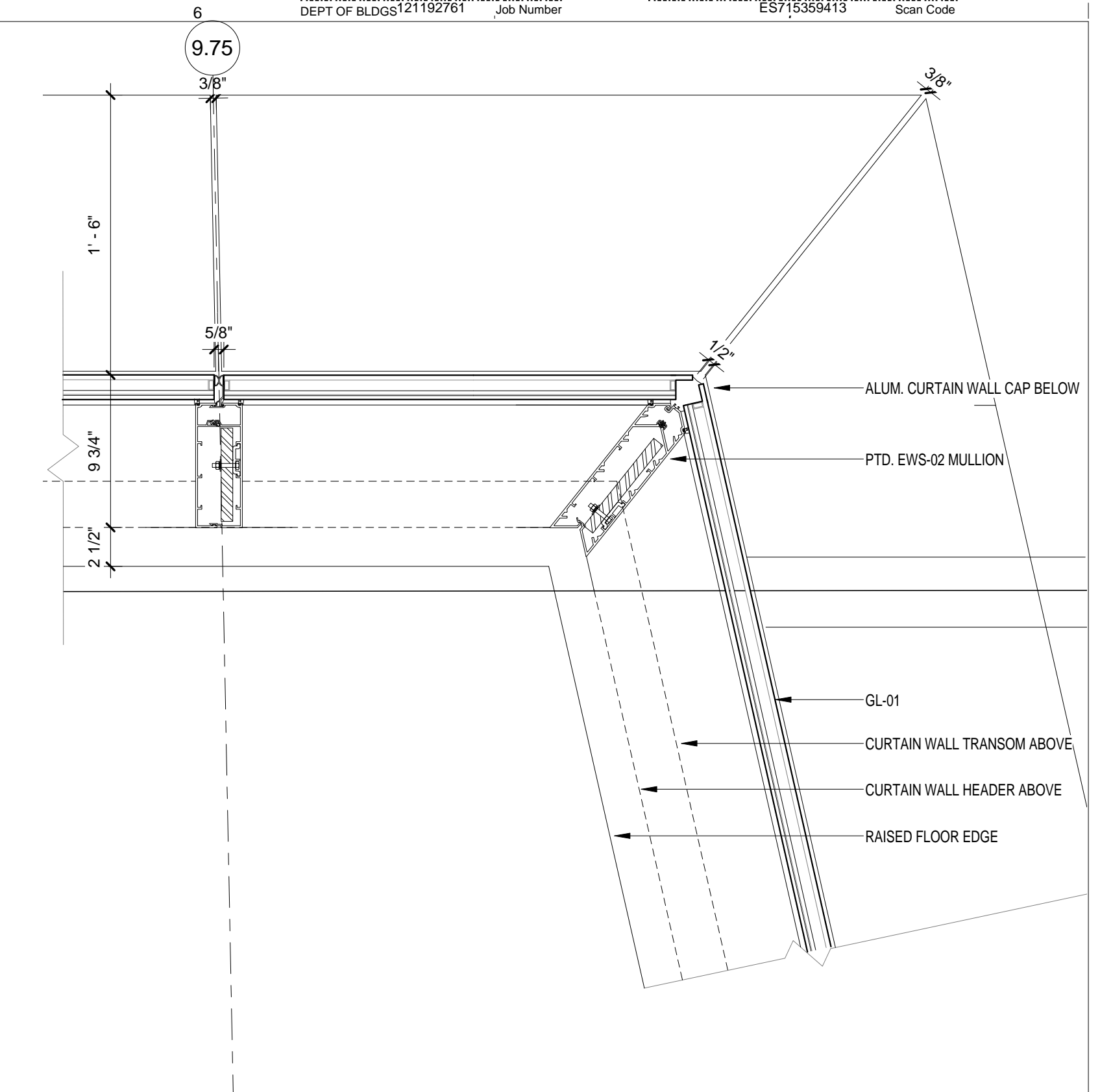
DRAWING NUMBER
A-426.00

Sheet 186 of 315

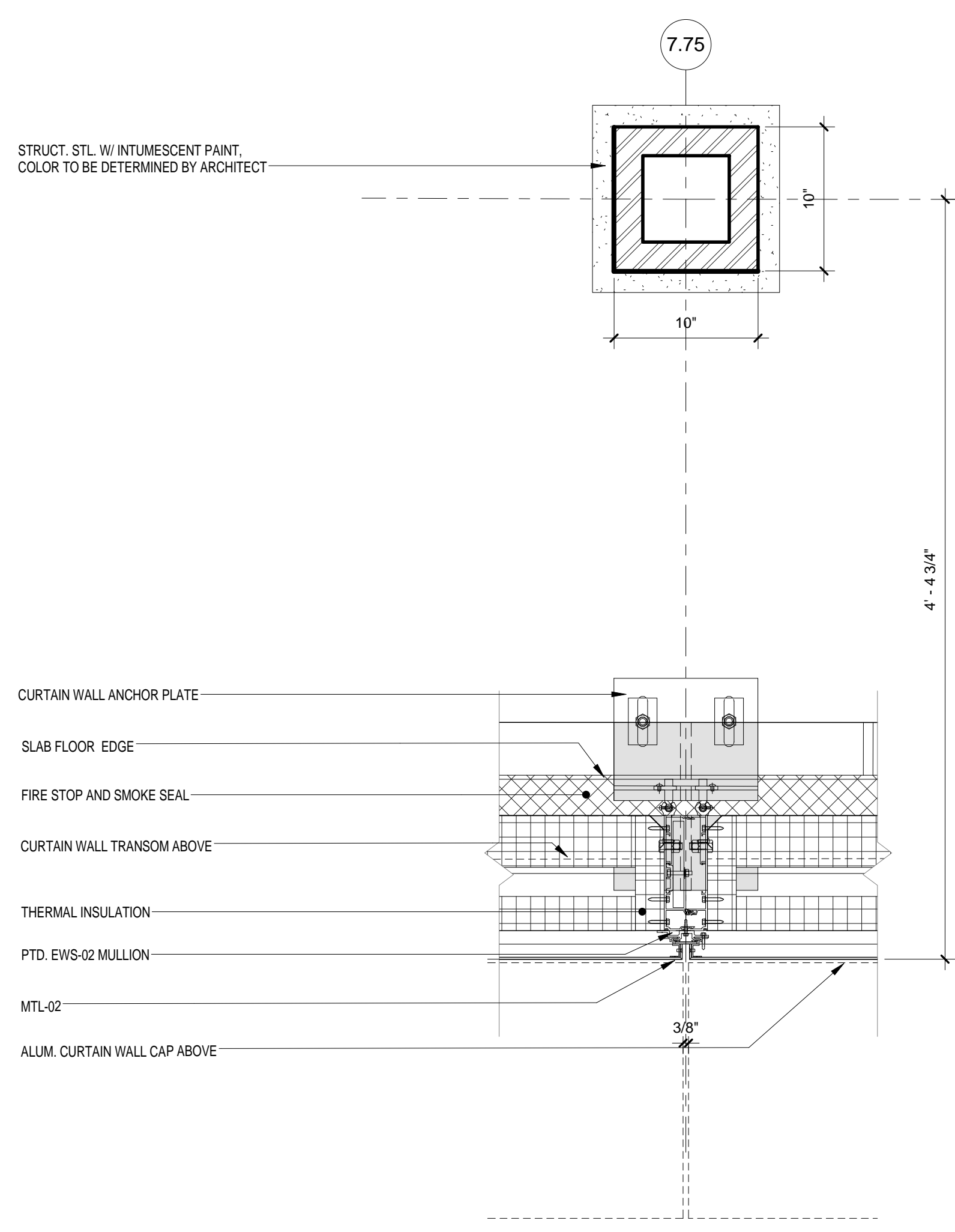
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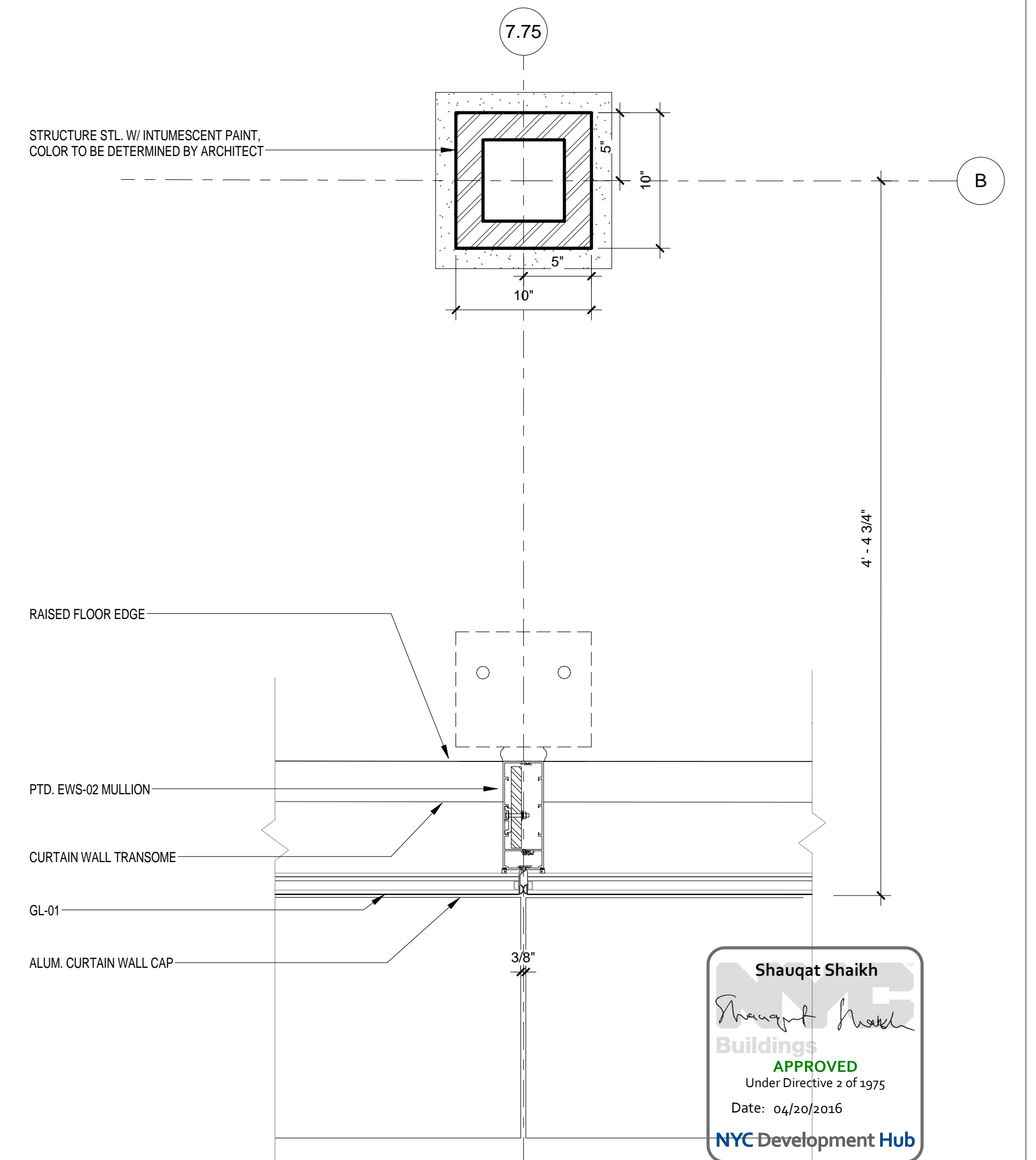
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SCALE: 1 1/2" = 1'-0" 4



EWS TYPE 2 - PLAN DETAIL-SE CORNER
SCALE: 1 1/2" = 1'-0" 3

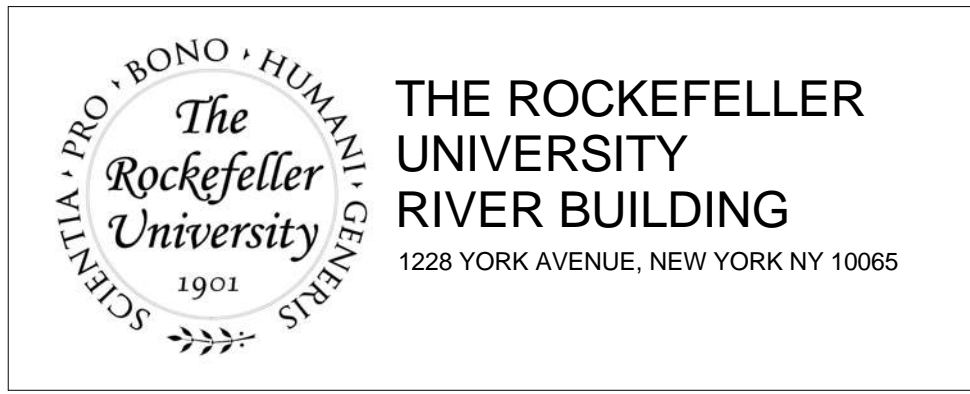


EWS TYPE 2 - PLAN DETAIL
SCALE: 1 1/2" = 1'-0" 2



EWS TYPE 2 - PLAN DETAIL
SCALE: 1 1/2" = 1'-0" 1

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Under Directive 2 of 1975
Date: 04/20/2016
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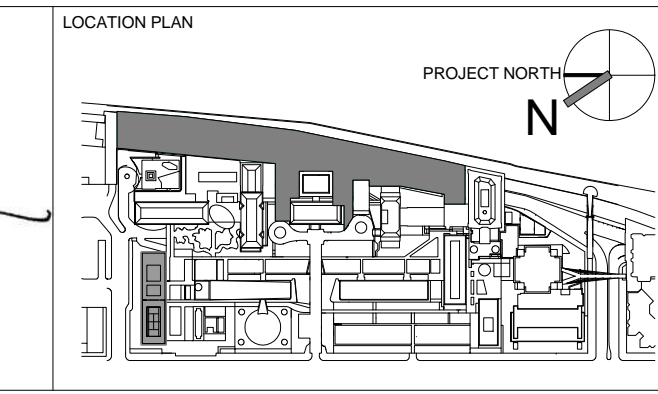
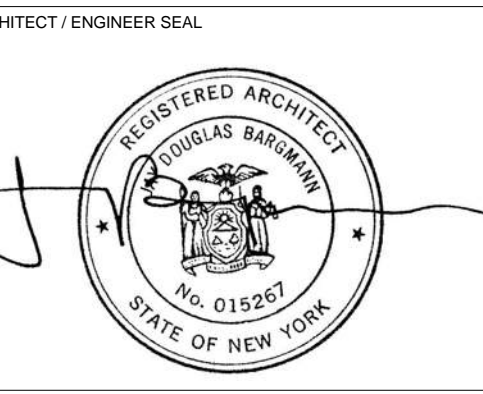
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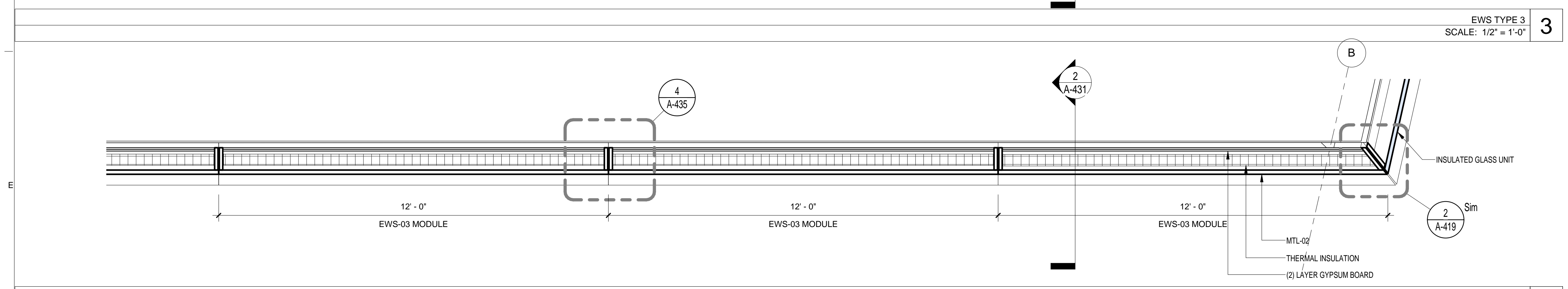
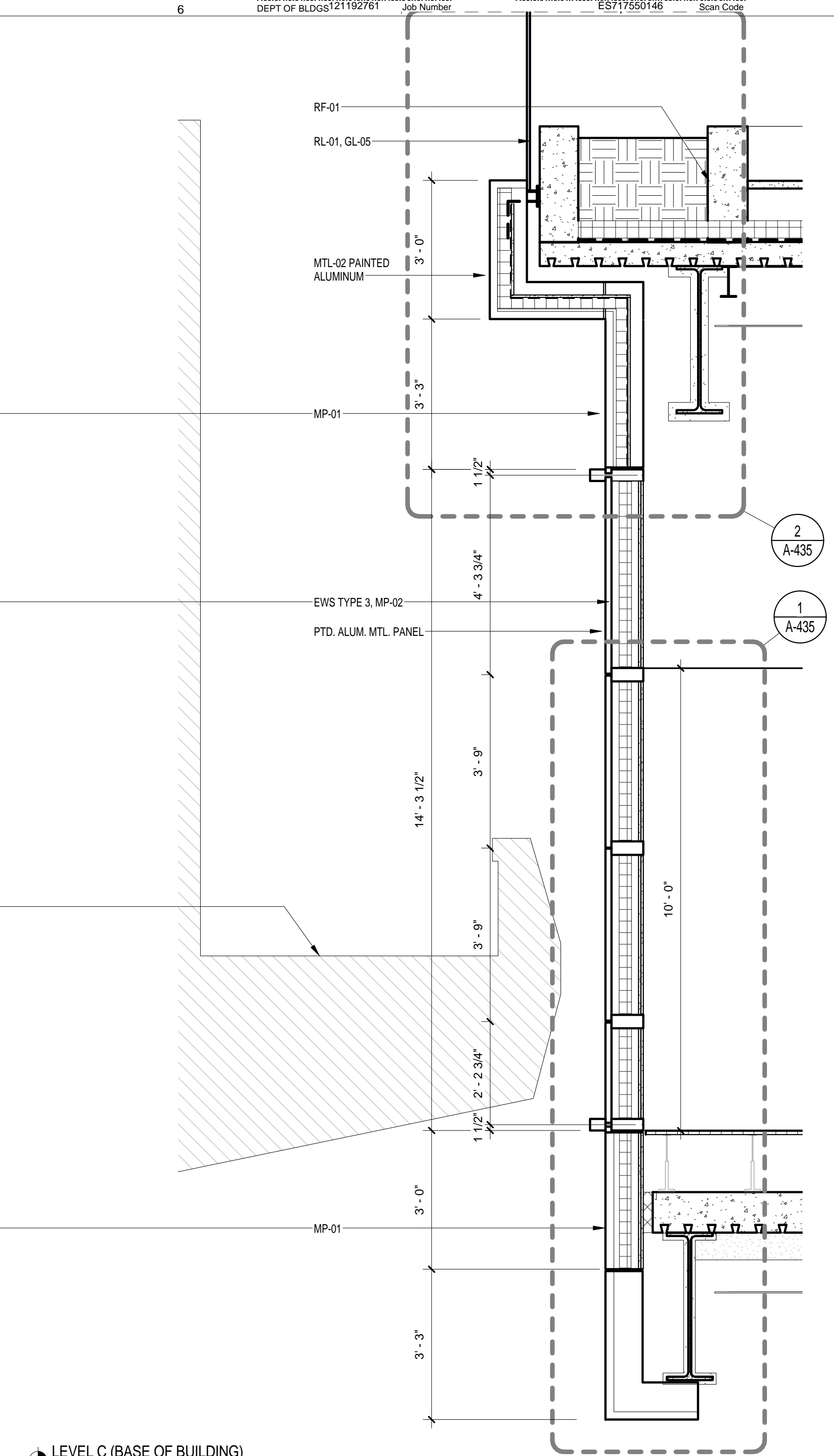
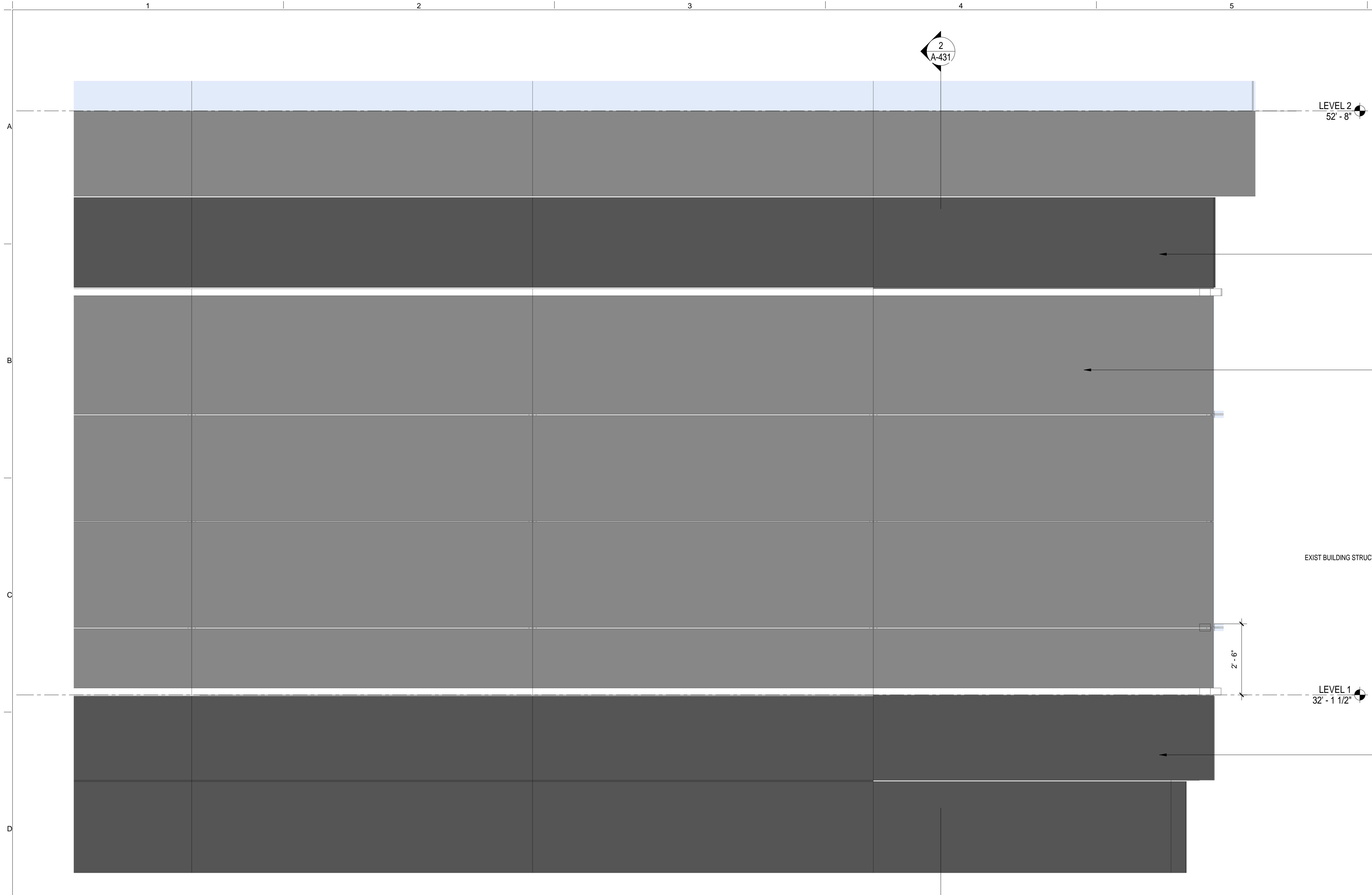


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1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING SIZE: 24" x 36"
DRAWING SCALE: 1 1/2" = 1'-0"
PROJECT PHASE: CONSTRUCTION DOCUMENTS

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 2 - PLAN DETAILS

DRAWING NUMBER: **A-428.00**
Sheet 188 of 315



LEVEL C (BASE OF BUILDING) 25' - 0"

BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

- APPROVED Under Directive 2 of 1975
- NYC Development Hub
- SHGC: FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.35

EWS TYPE 3 SCALE: 1/2" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

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ARCHITECT / ENGINEER SEAL

LOCATION PLAN

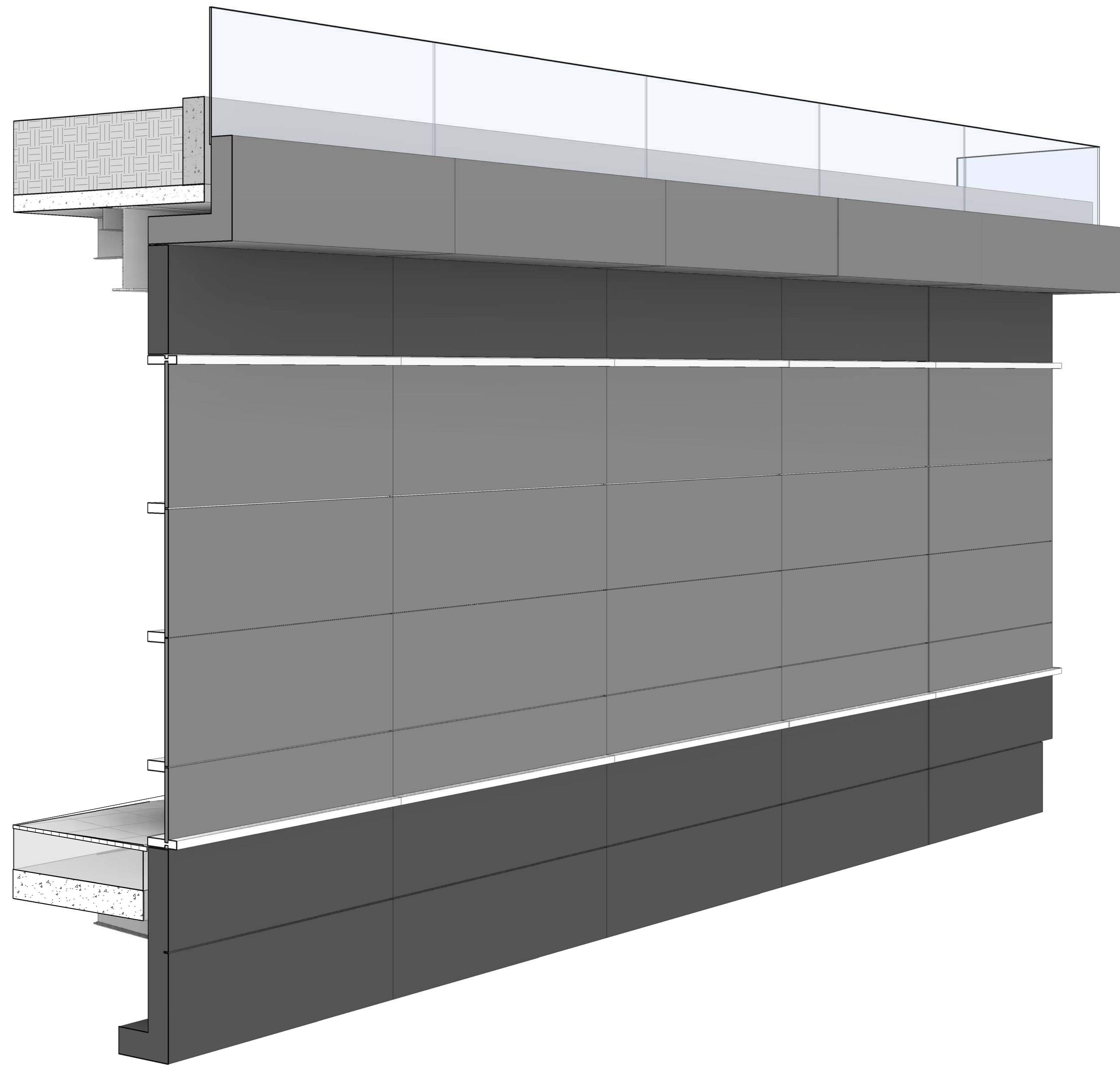
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2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	664.100
DRAWING SIZE	24" x 36"
DRAWING SCALE	As indicated
PROJECT PHASE	CONSTRUCTION DOCUMENTS

EXTERIOR WALL SYSTEM TYPE 3 - RIVER CAMPUS PLAN, ELEV & SECTION

DRAWING NUMBER: **A-431.00**

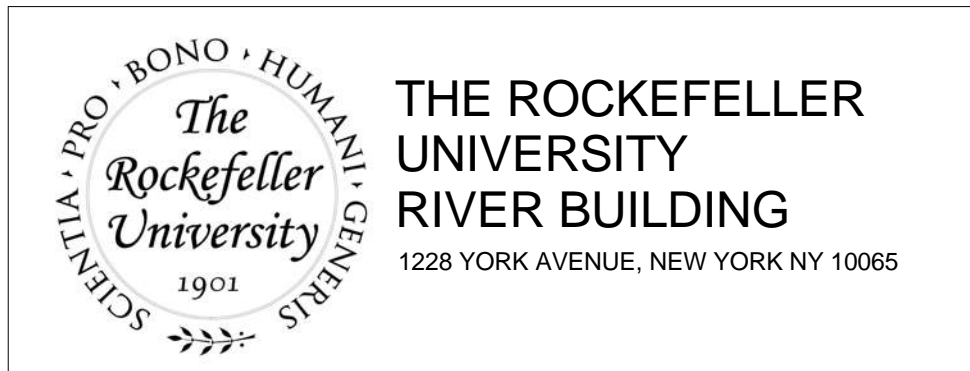
Sheet 189 of 315



A
B
C
D
E

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Shauqat Shaikh
 Buildings
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 Date: 04/20/2016
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EWS TYPE 3
 SCALE: 1



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 RAFAEL VINOLY ARCHITECTS
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 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

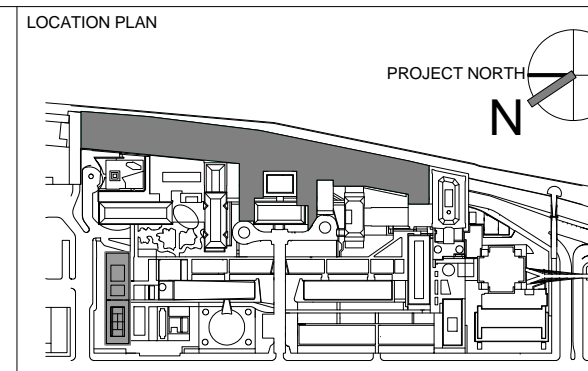
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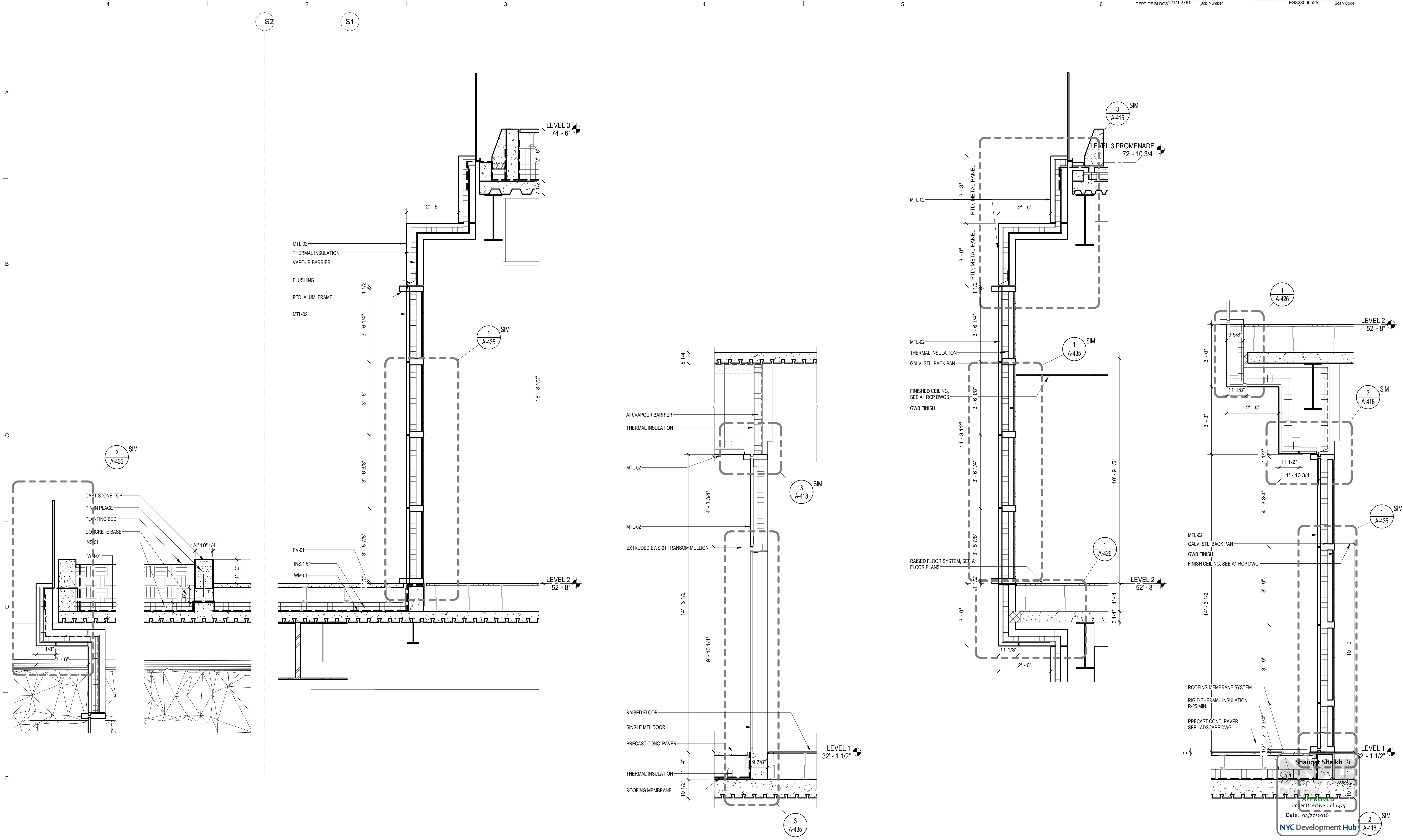
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2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE 3" = 1'-0"
4	DOB SUBMISSION - RB	16-DEC-15	PROJECT PHASE CONSTRUCTION DOCUMENTS

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 3 - PERSPECTIVE VIEW

DRAWING NUMBER
A-432.00

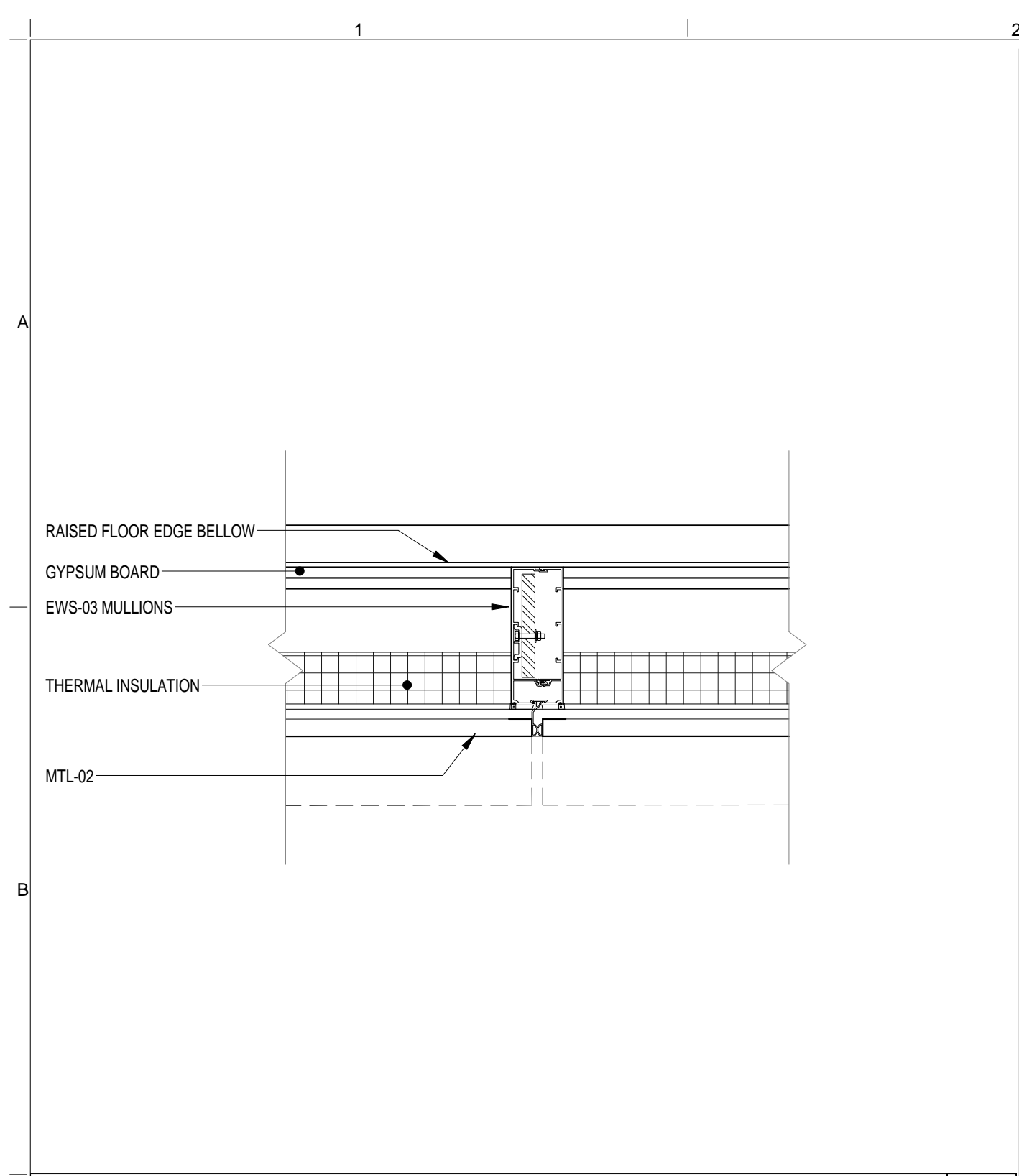
Sheet 190 of 315

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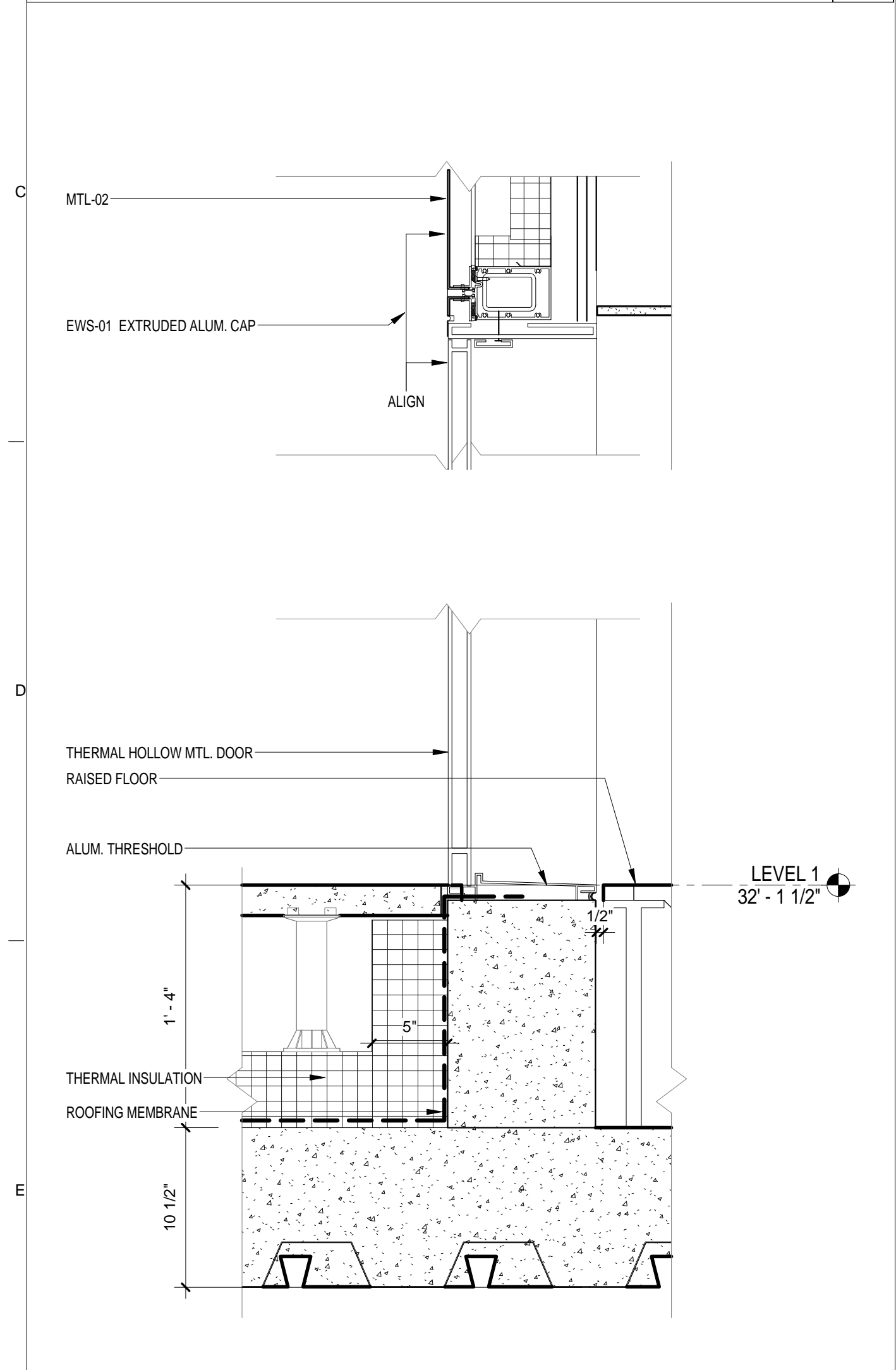


EWS TYPE 3 @ S TERRACE Lev 1 & 2 SCALE: 1/2" = 1'-0" **4** EWS TYPE 1 A @ N TERRACE DOOR SCALE: 1/2" = 1'-0" **3** EWS TYPE 3 @ N TERRACE Lev 2 SCALE: 1/2" = 1'-0" **2** EWS TYPE 3 @ N TERRACE Lev 1 SCALE: 1/2" = 1'-0" **1**

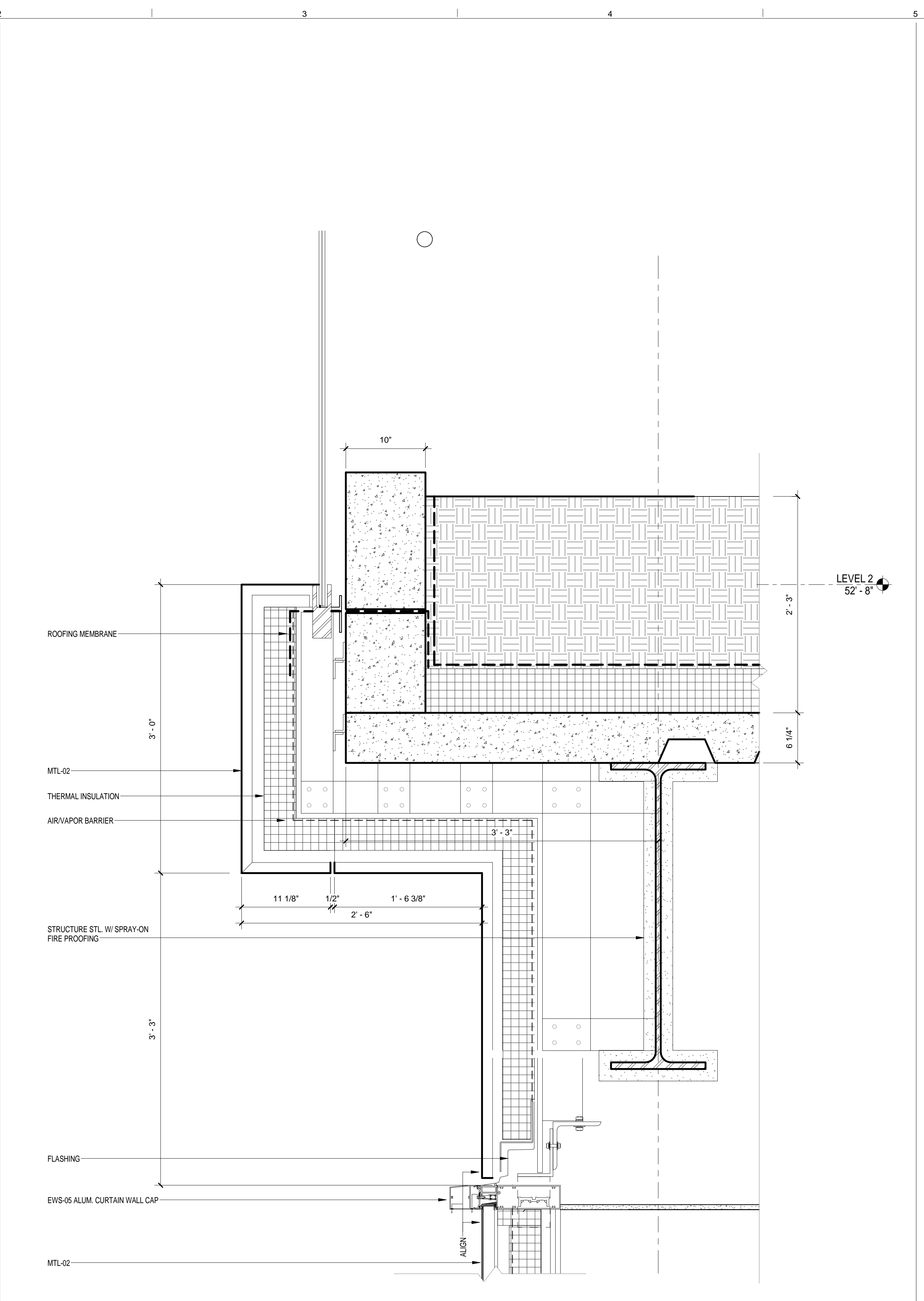
<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>ARCHITECT'S PROJECT NUMBER</th> <th>DRAWING TITLE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> <td>664.100</td> <td rowspan="2">EXTERIOR WALL SYSTEM TYPE 3 ALT - SECTIONS</td> </tr> <tr> <td>2</td> <td>DOB SUBMISSION - RB</td> <td>16-DEC-15</td> <td></td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER	DRAWING TITLE	1	PROGRESS SET	30-OCT-15	664.100	EXTERIOR WALL SYSTEM TYPE 3 ALT - SECTIONS	2	DOB SUBMISSION - RB	16-DEC-15		<p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p> <p>A-433.00 Sheet 191 of 315</p>
	REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER	DRAWING TITLE																	
1	PROGRESS SET	30-OCT-15	664.100	EXTERIOR WALL SYSTEM TYPE 3 ALT - SECTIONS																		
2	DOB SUBMISSION - RB	16-DEC-15																				
<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>	<p>APPROVED Shaugat Shaikh Under Directive 2 of 1975 Date: 04/30/2016 NYC Development Hub</p>																		



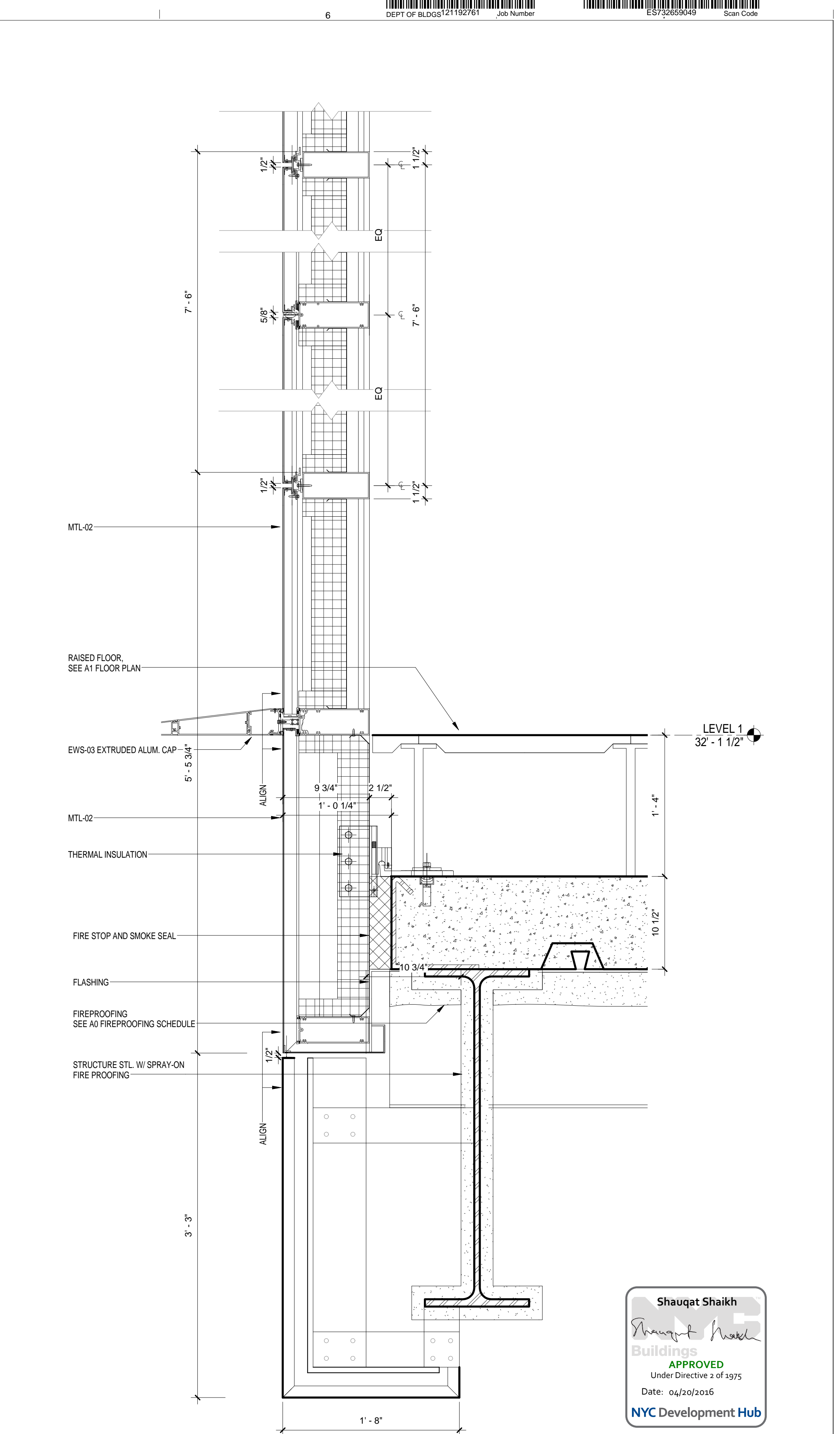
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SCALE: 1 1/2" = 1'-0"



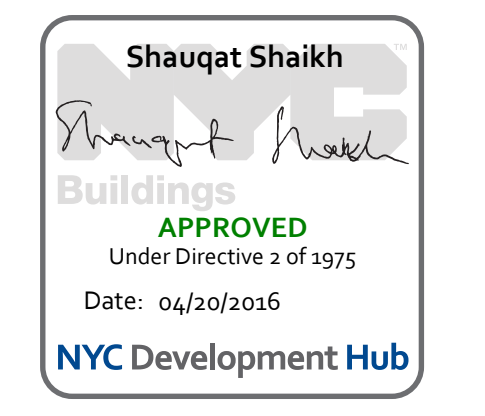
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SCALE: 1 1/2" = 1'-0"



EWS TYPE 3 - DETAIL 1
SCALE: 1 1/2" = 1'-0"



EWS TYPE 3 - DETAIL 2
SCALE: 1 1/2" = 1'-0"



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
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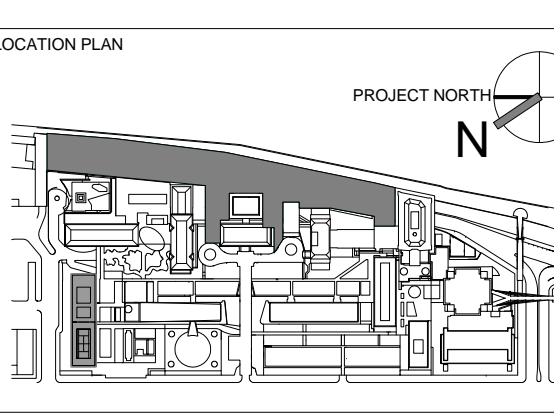
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

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BARD, RAO + ATHANAS
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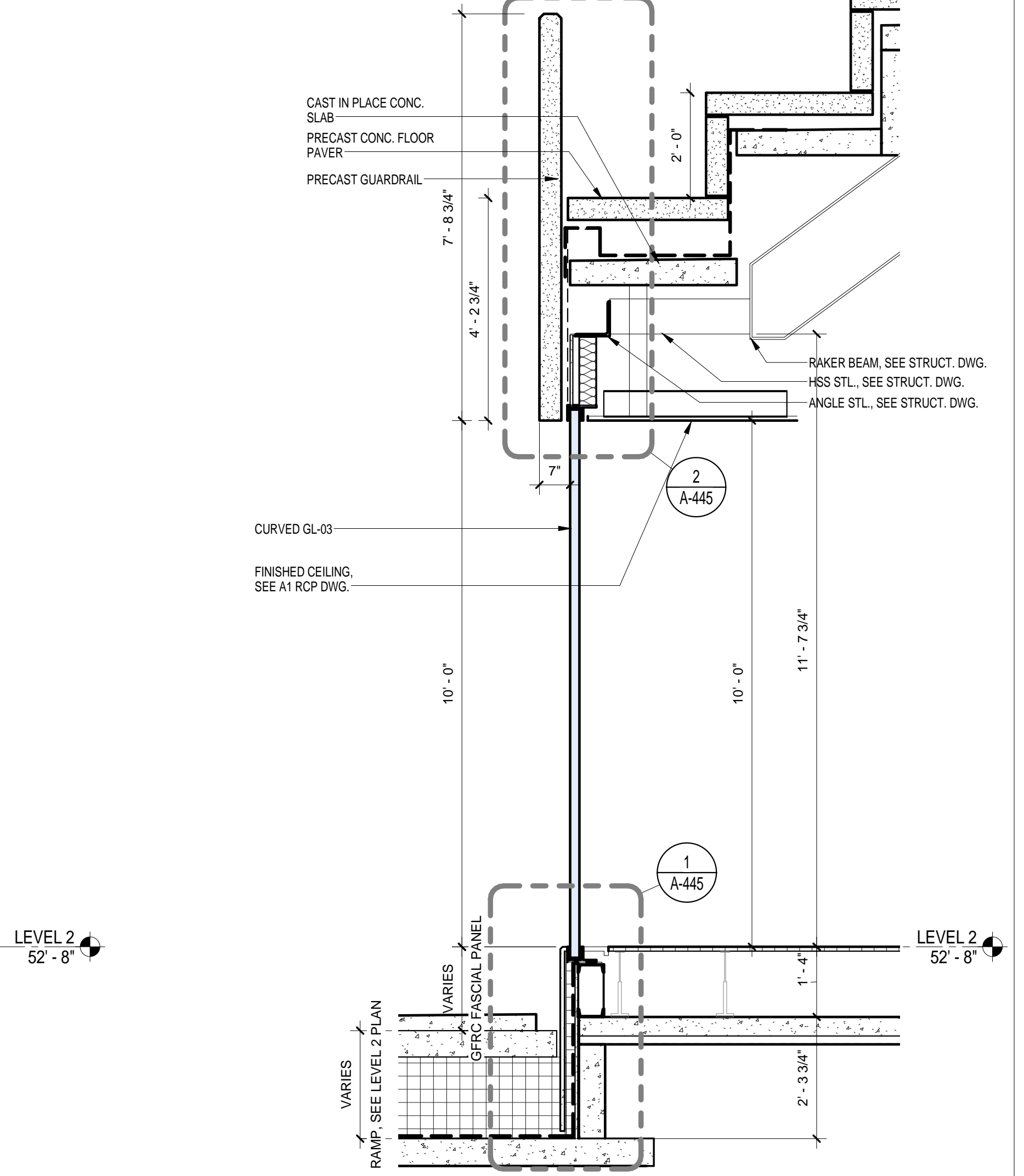
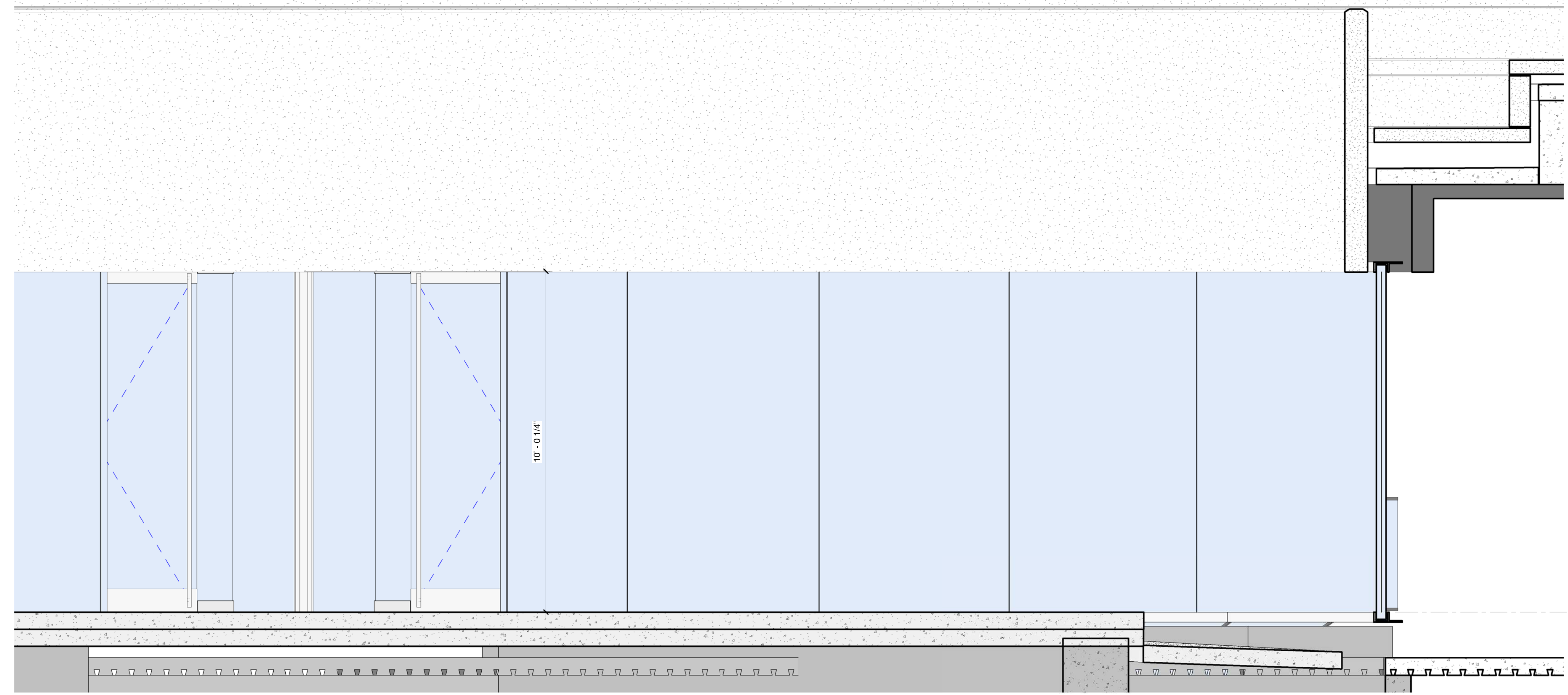


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	24' x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE
4	FIREPROOFING PACKAGE	7-DEC-15	1 1/2" = 1'-0"
5	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 3 - DETAILS

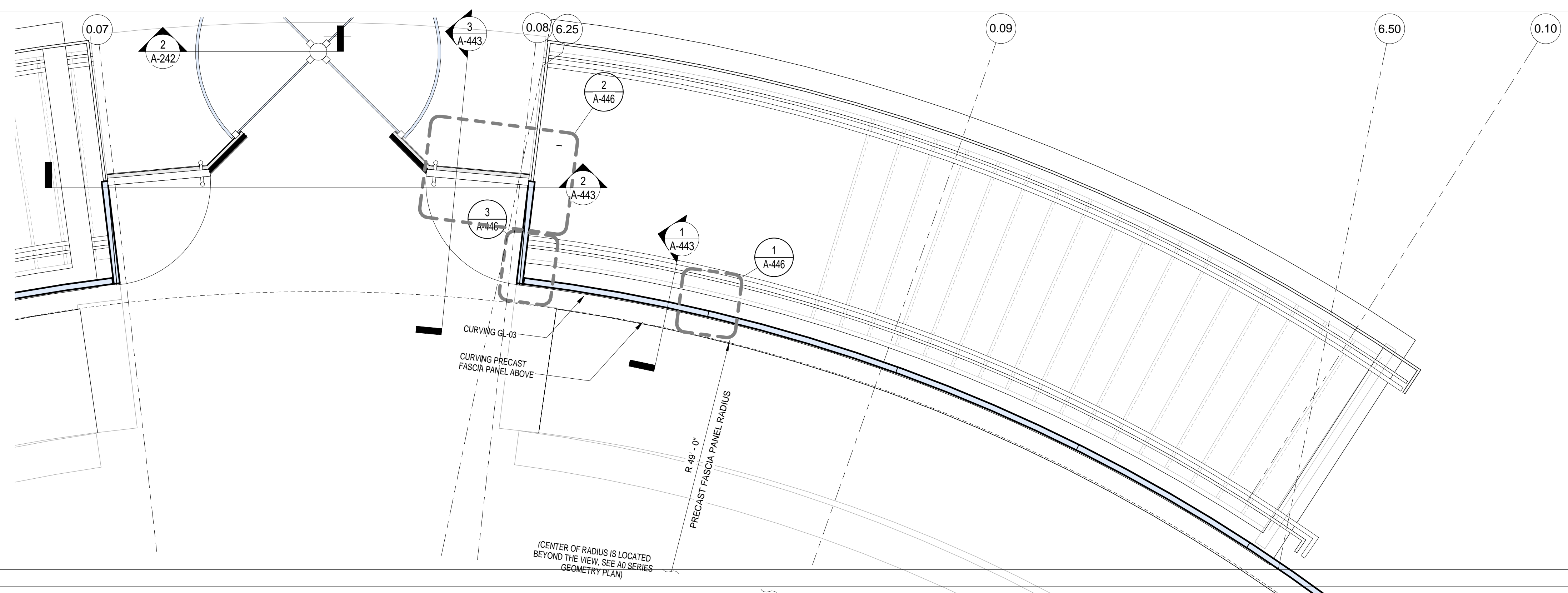
DRAWING NUMBER
A-435.00

Sheet 192 of 315



EWS TYPE 4
SCALE: 1/2" = 1'-0" **3**

EWS TYPE 4
SCALE: 1/2" = 1'-0" **2**



EWS TYPE 4
SCALE: 1/2" = 1'-0" **1**

BUILDING ENCLOSURE GENERAL NOTES

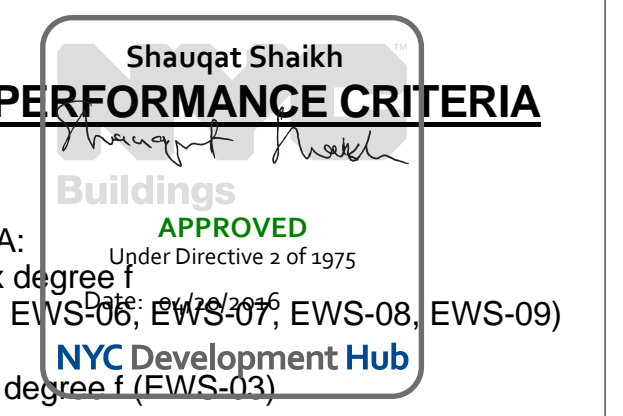
- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE U VALUE:

- FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.4 Btu/sq. ft. x h x degree f (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
- FULL SPANDREL PANEL: NO GRATER THAN 0.2 Btu/sq.ft. x h x degree f (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.35



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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RAFAEL VINOLY ARCHITECTS
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NEW YORK, NY 10013
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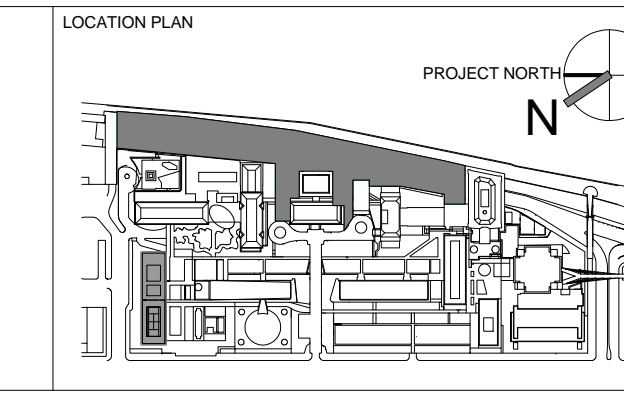
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL.
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
158 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
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REV	DESCRIPTION	DATE
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

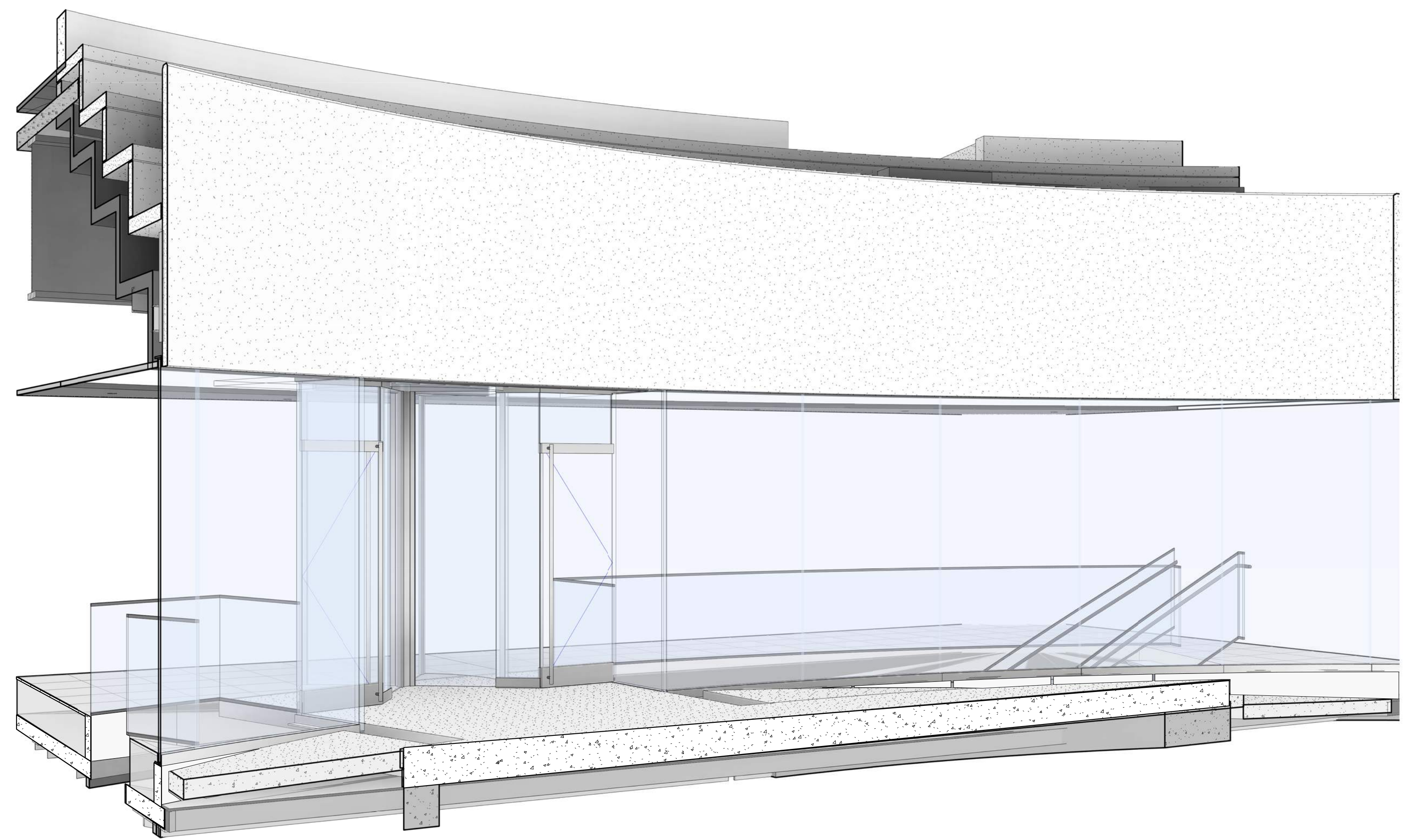
DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

EXTERIOR WALL SYSTEM TYPE 4 - AMPHITHEATER PLAN, ELEV & SECTION

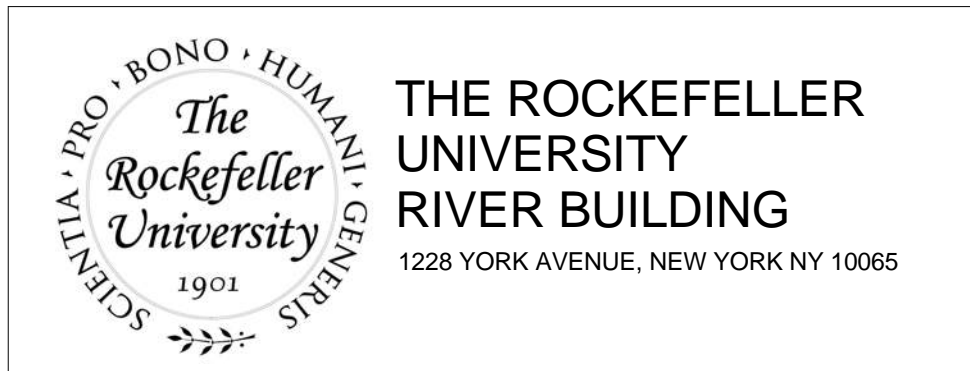
DRAWING NUMBER
A-441.00

Sheet 193 of 315



Shauqat Shaikh
Shauqat Shaikh
 Buildings
APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

EWS TYPE 4
 SCALE: 1



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 RAFAEL VINOLY ARCHITECTS
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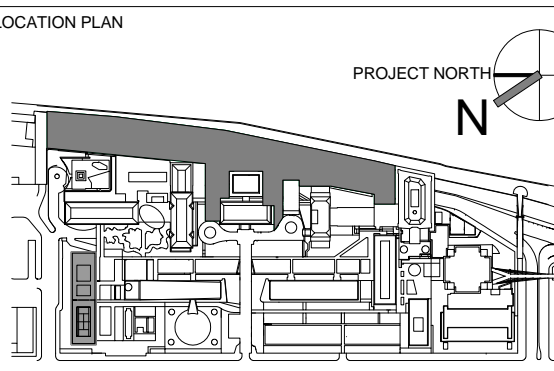
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ARCHITECT / ENGINEER SEAL

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 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
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 T. 212.691.3248



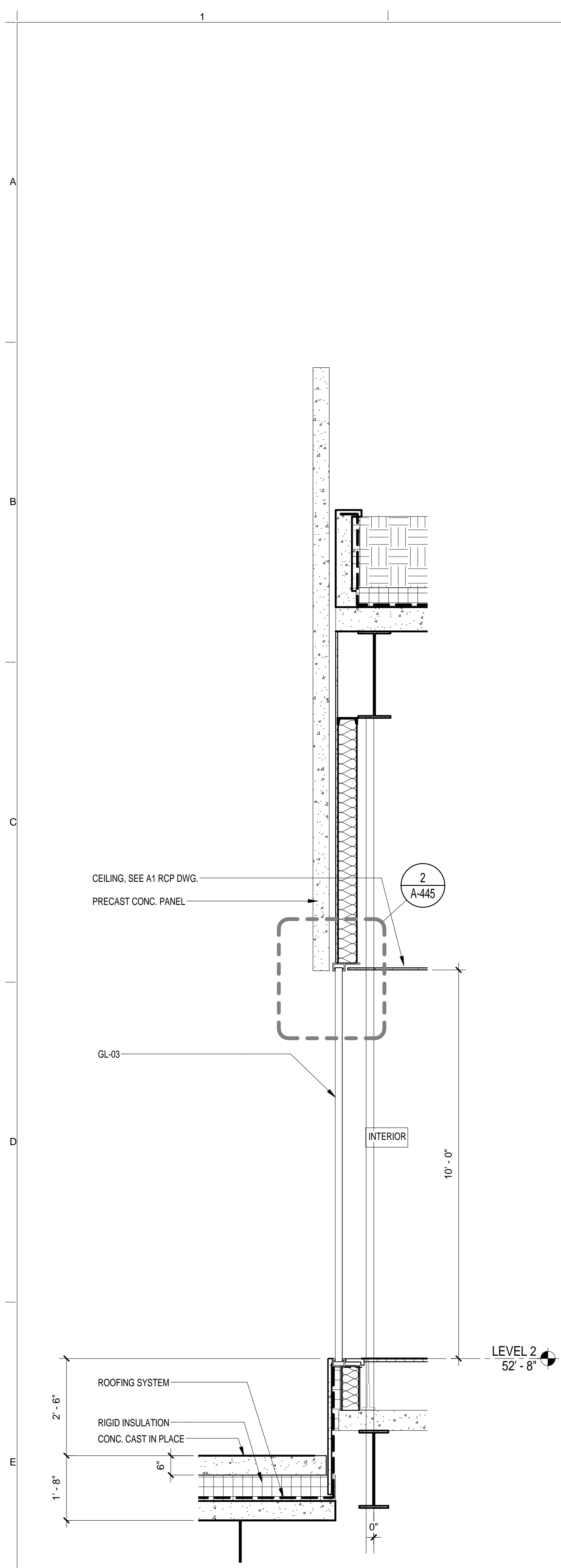
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1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE 3" = 1'-0"
4	DOB SUBMISSION - RB	16-DEC-15	PROJECT PHASE CONSTRUCTION DOCUMENTS

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 4 - PERSPECTIVE VIEW

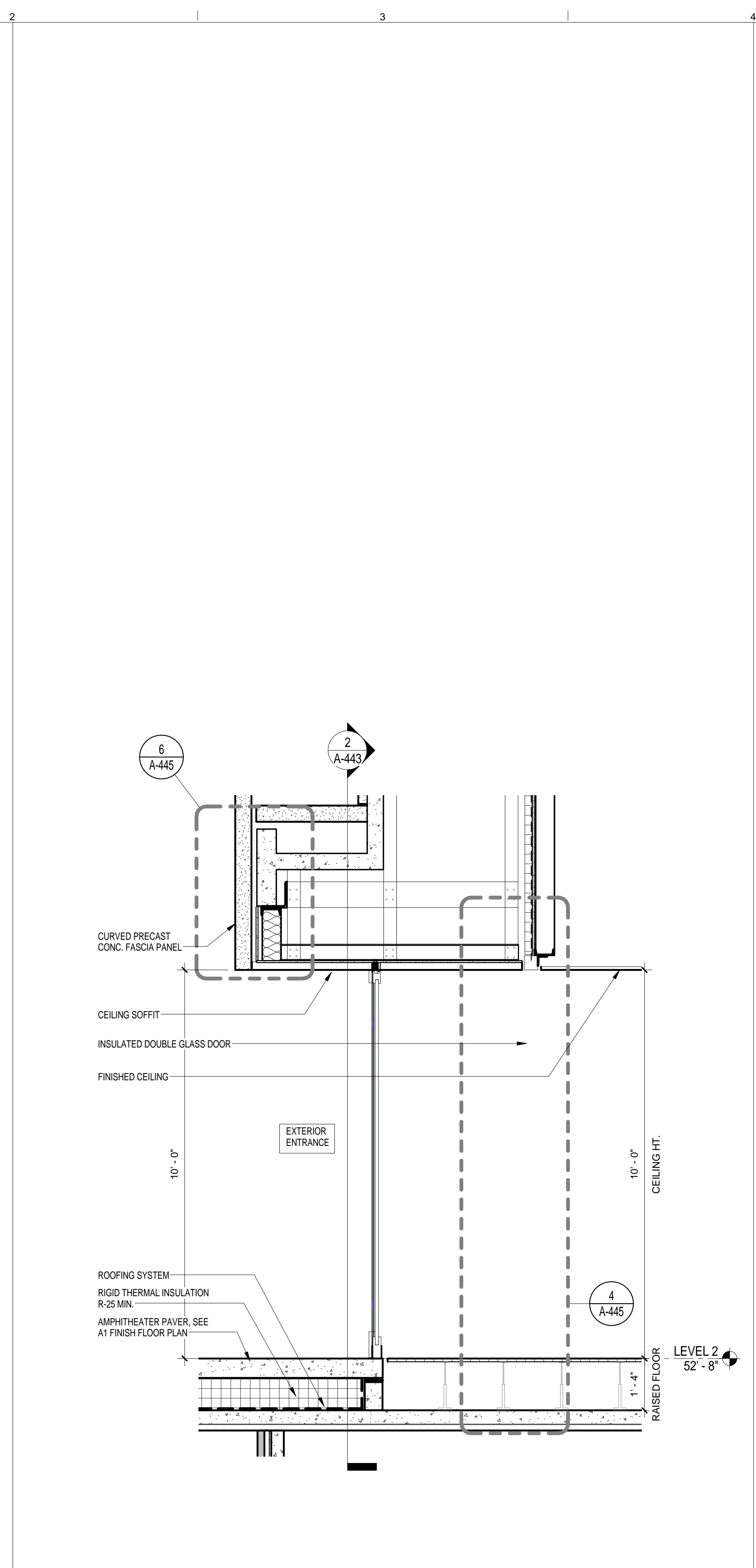
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A-442.00

Sheet 194 of 315

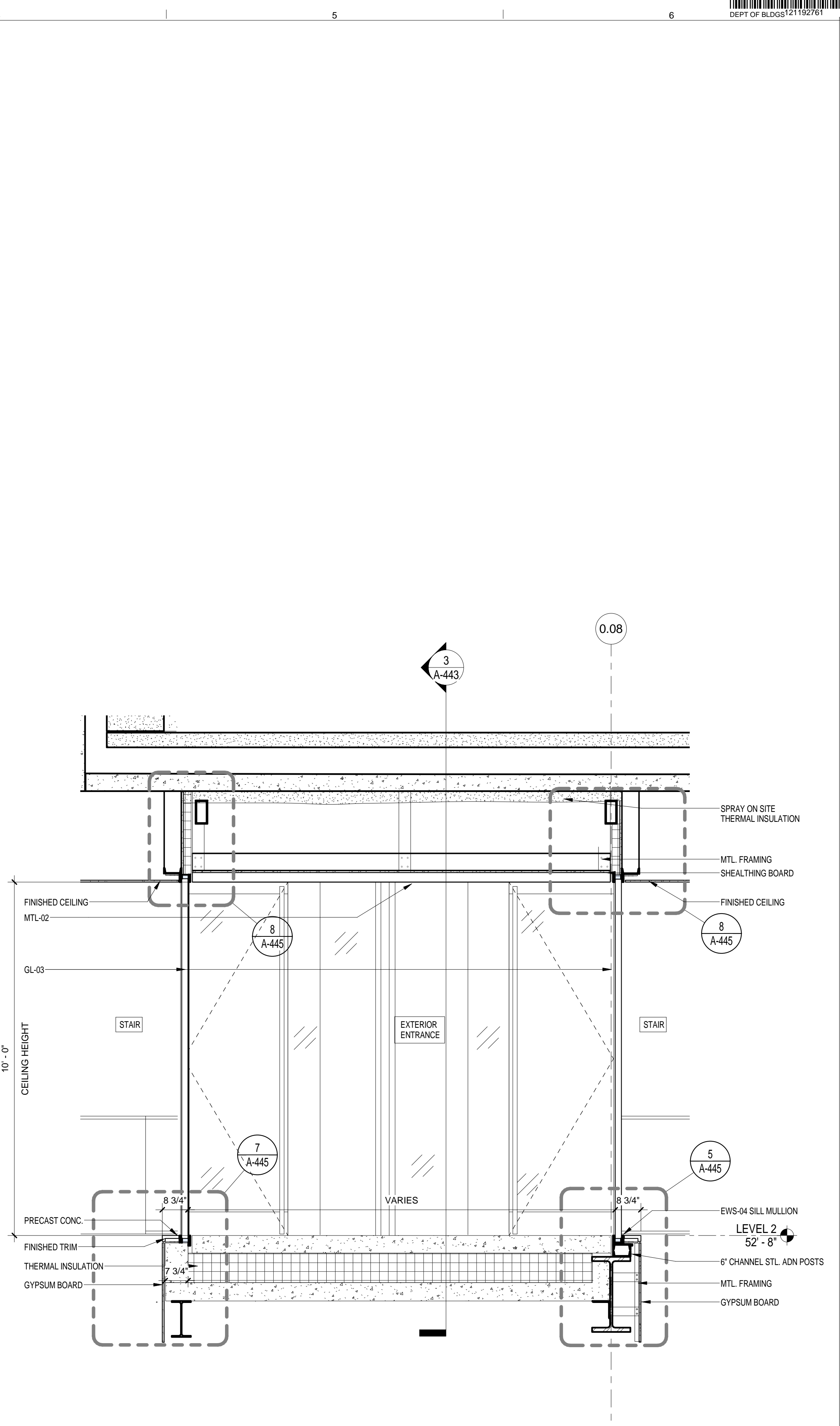
© 2015 RAFAEL VINOLY ARCHITECTS PC



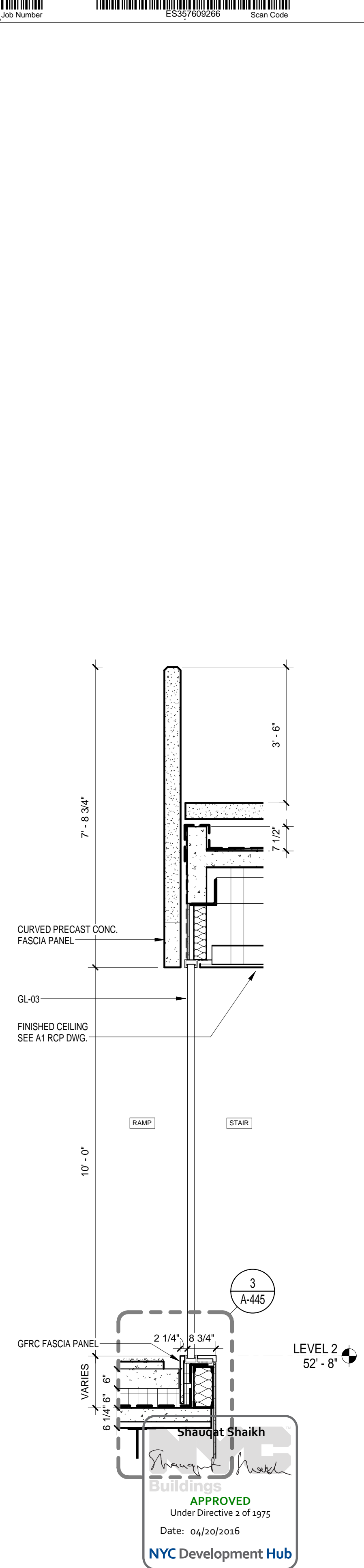
EWS TYPE 4 @ WEST
SCALE: 1/2" = 1'-0"
4



EWS TYPE 4 @ ENTRANCE SIDE PANEL
SCALE: 1/2" = 1'-0"
3



EWS TYPE 4 @ BRIDGE
SCALE: 1/2" = 1'-0"
2



EWS TYPE 4 @ STAIR
SCALE: 1/2" = 1'-0"
1

Shauqat Shaikh
Shauqat Shaikh Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

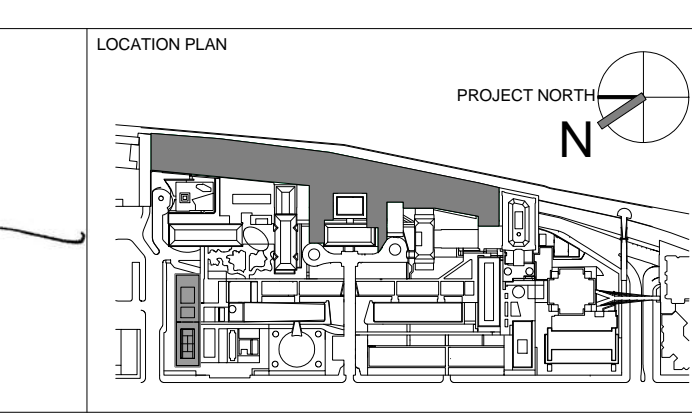
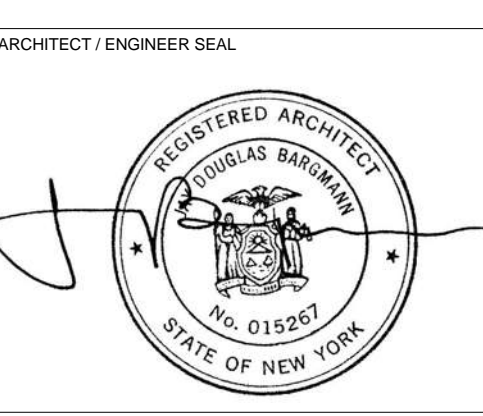
ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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ROBERT SCHWARTZ ASSOCIATES
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 4 - SECTIONS

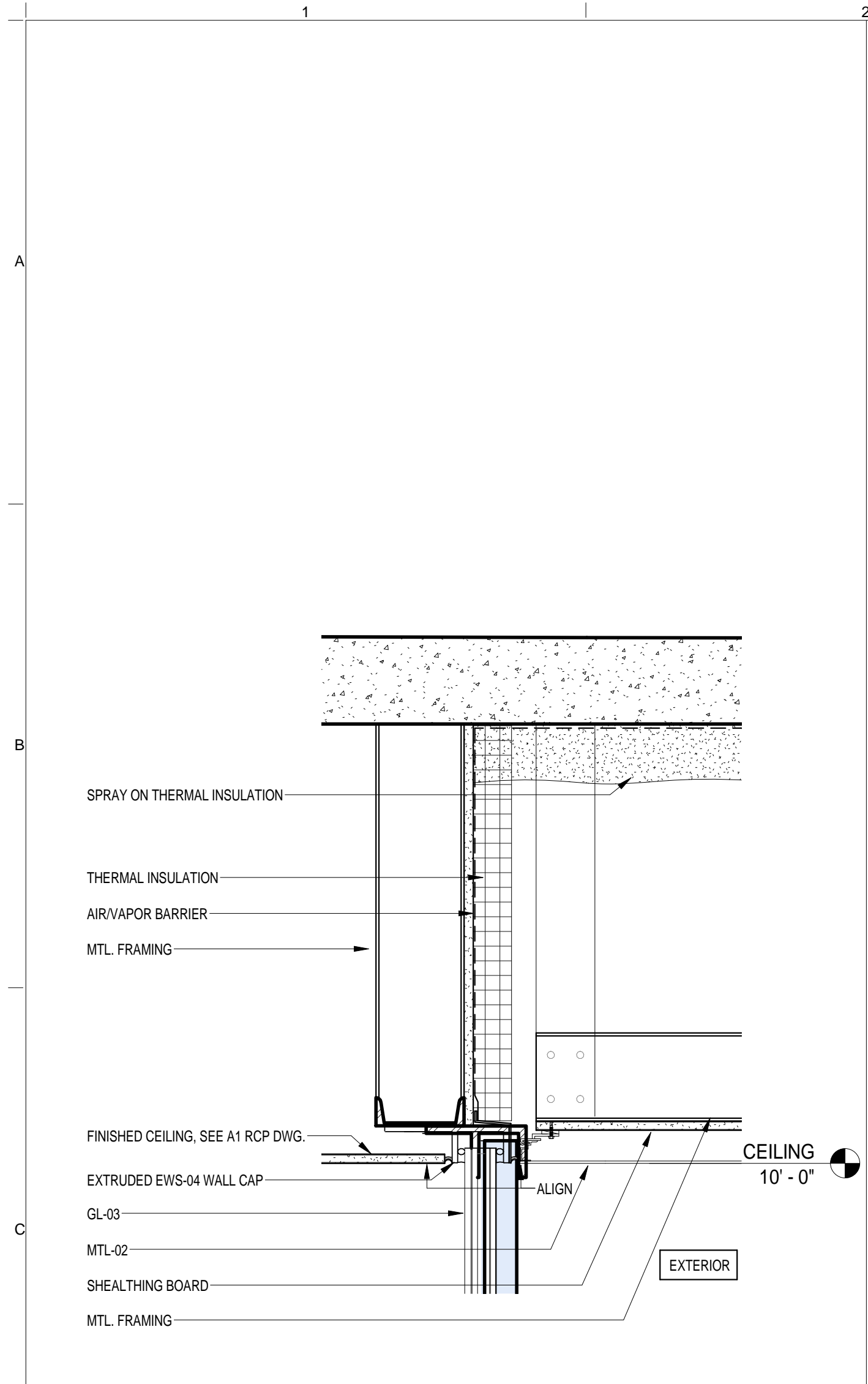
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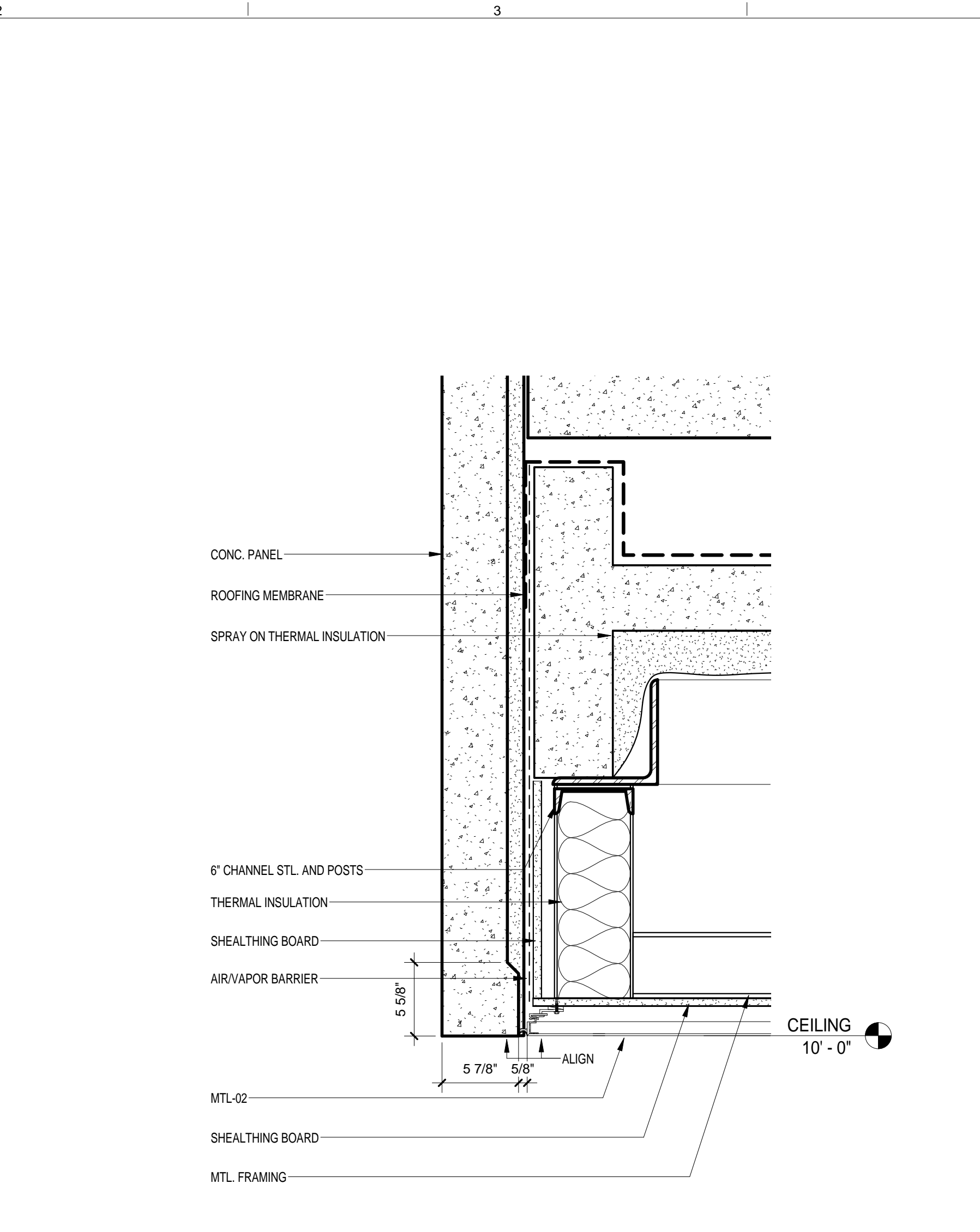
DRAWING SCALE
1/2" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

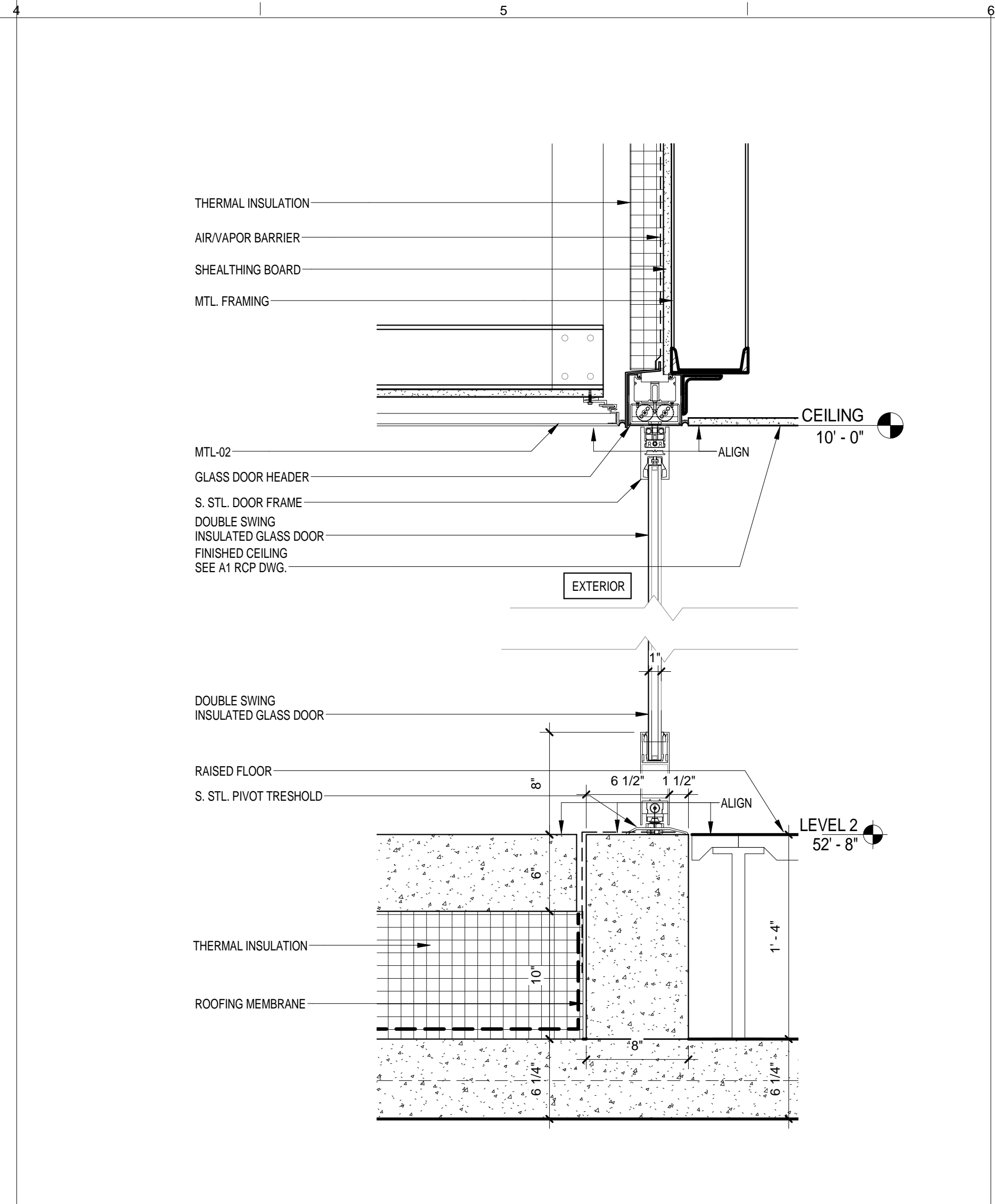
Sheet 195 of 315



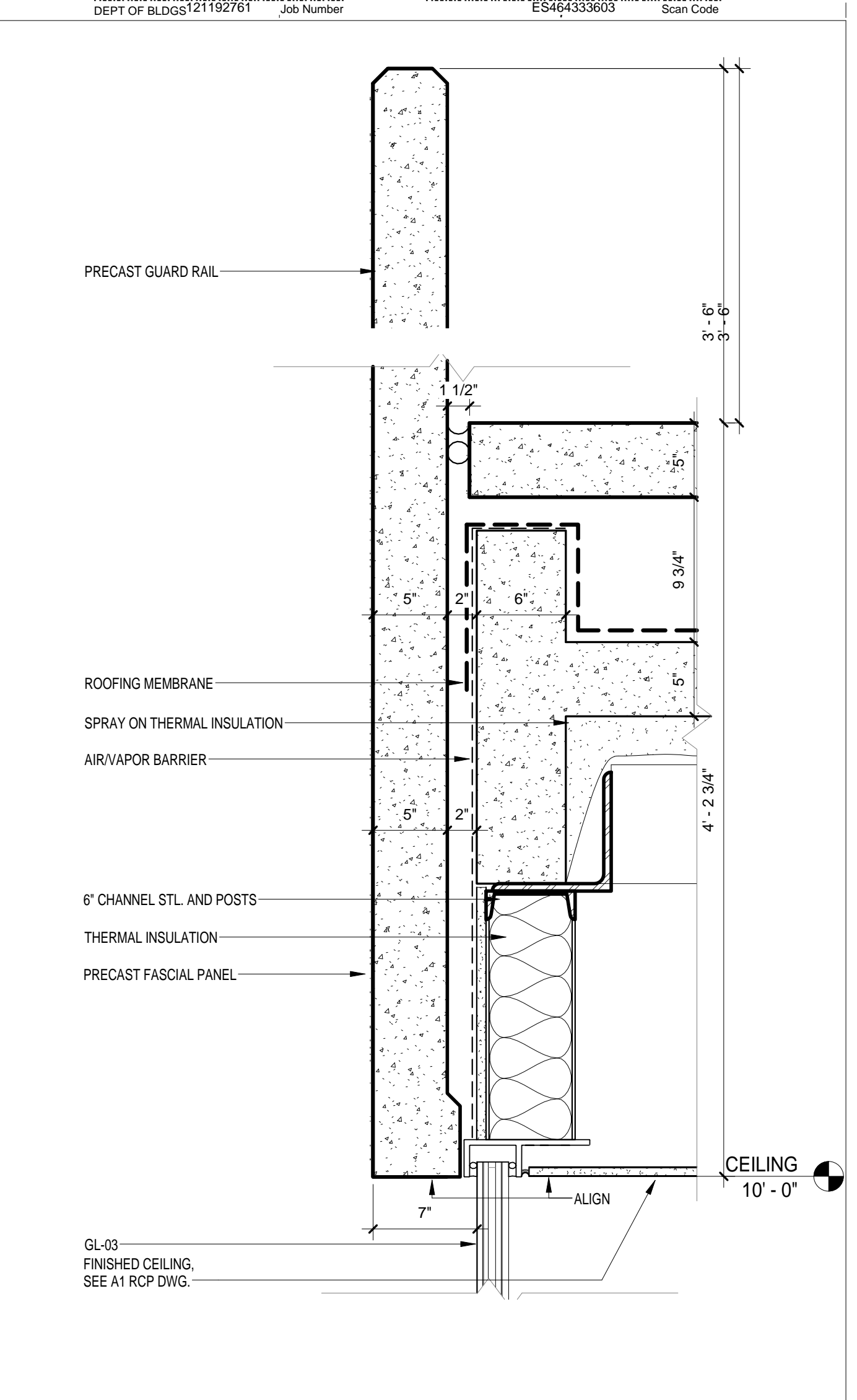
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SCALE: 1 1/2" = 1'-0"



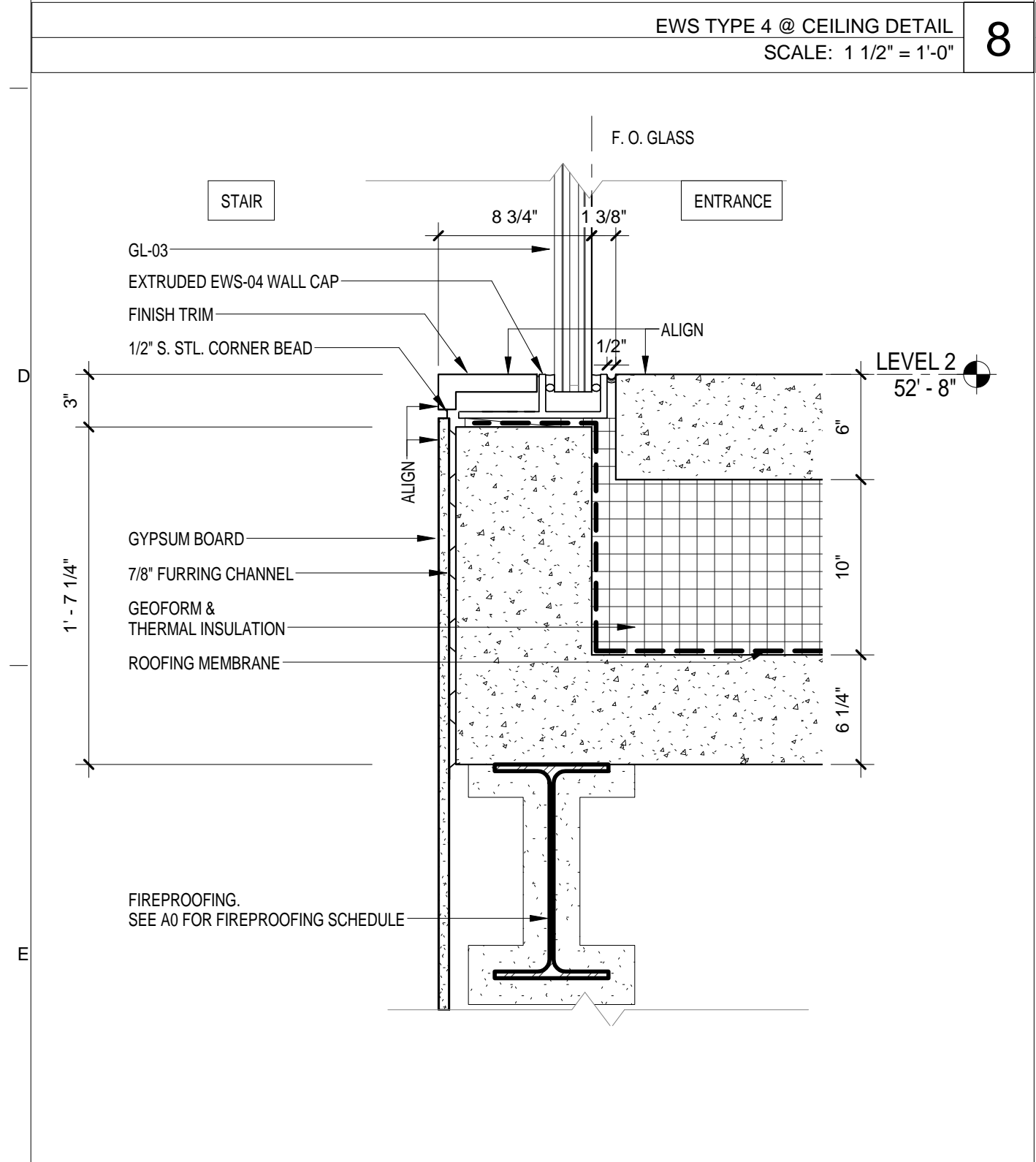
EWS TYPE 4 - DETAIL 6
SCALE: 1 1/2" = 1'-0"



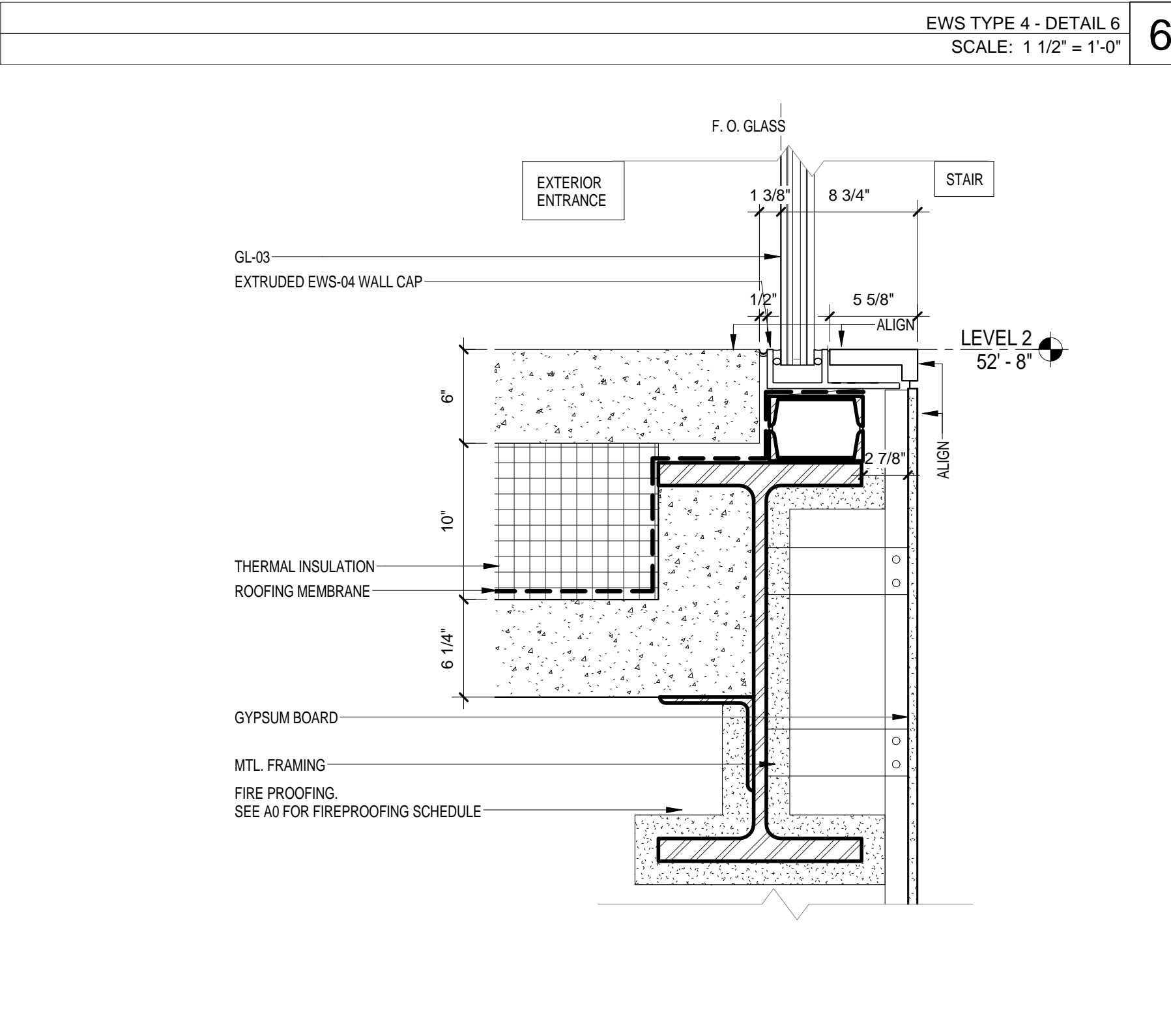
EWS TYPE 4 - GLASS DOOR DETAIL
SCALE: 1 1/2" = 1'-0"



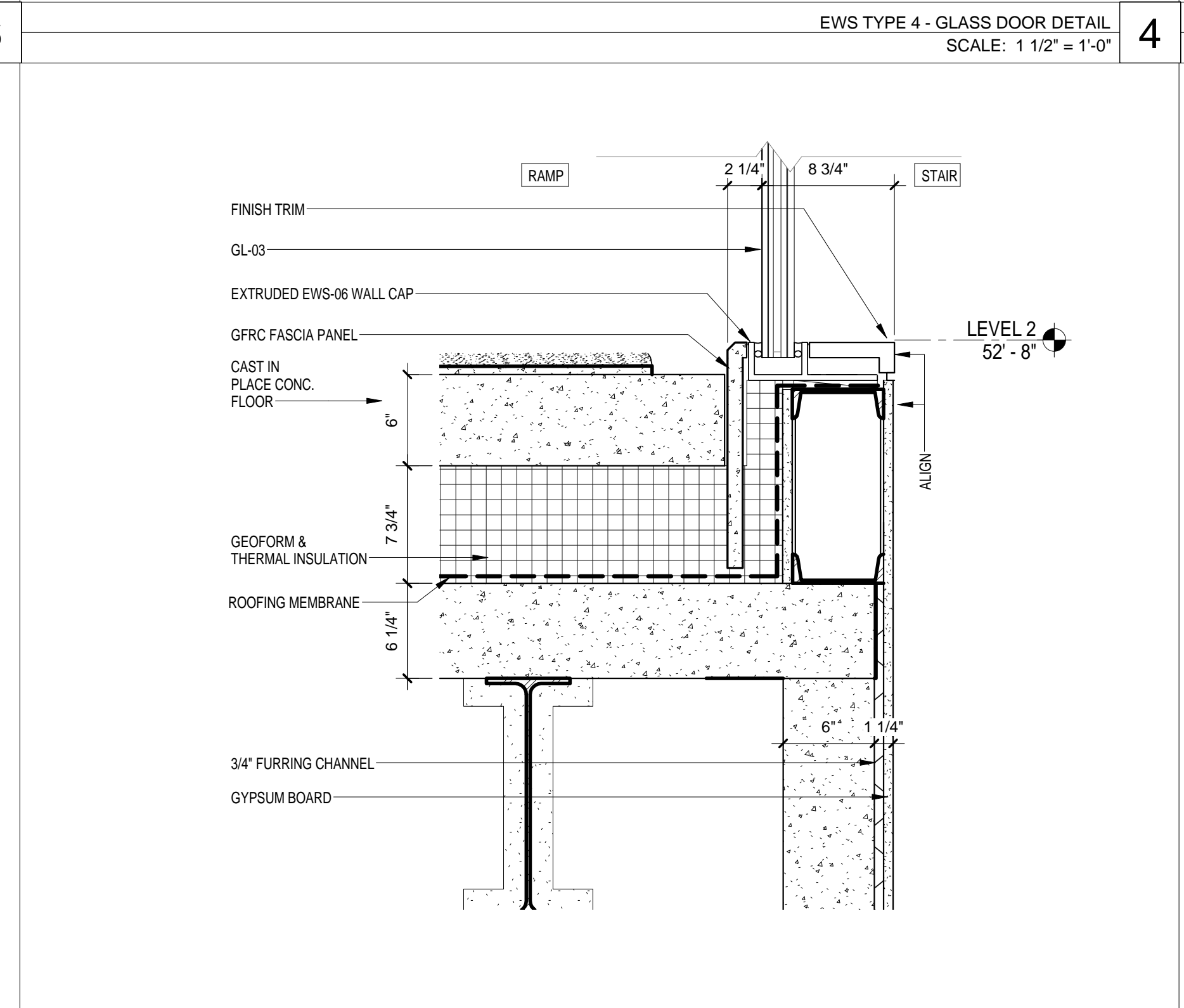
EWS TYPE 4 - DETAIL 2
SCALE: 1 1/2" = 1'-0"



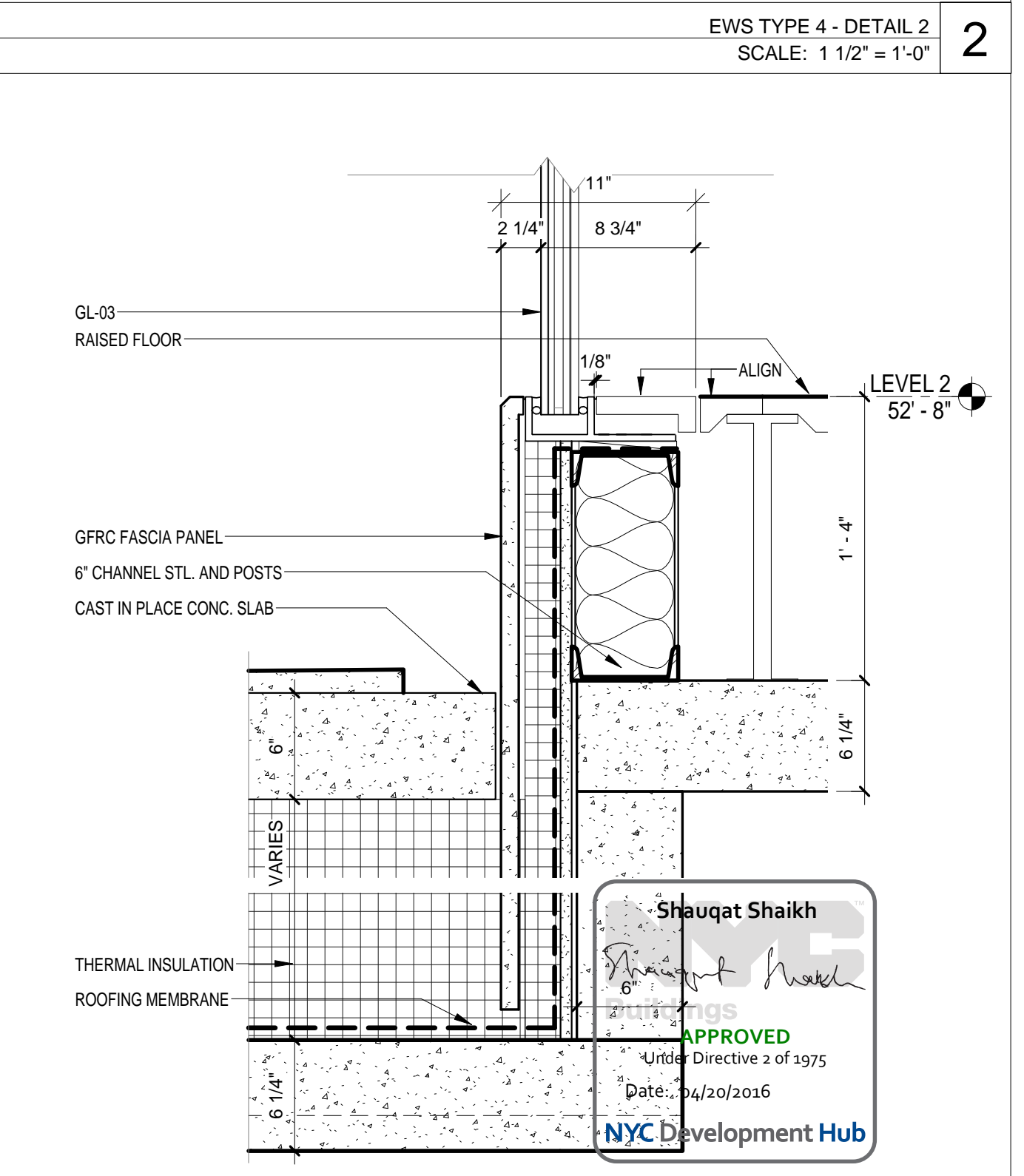
EWS TYPE 4 @ BRIDGE - Callout 2
SCALE: 1 1/2" = 1'-0"



EWS TYPE 4 @ BRIDGE - Callout 1
SCALE: 1 1/2" = 1'-0"



EWS TYPE 4 - DETAIL 3
SCALE: 1 1/2" = 1'-0"



EWS TYPE 4 - DETAIL 1
SCALE: 1 1/2" = 1'-0"

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ARCHITECT
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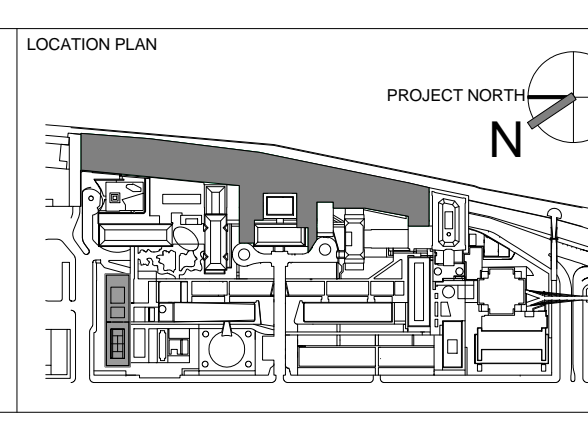
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THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
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REV	DESCRIPTION	DATE
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1 1/2" = 1'-0"

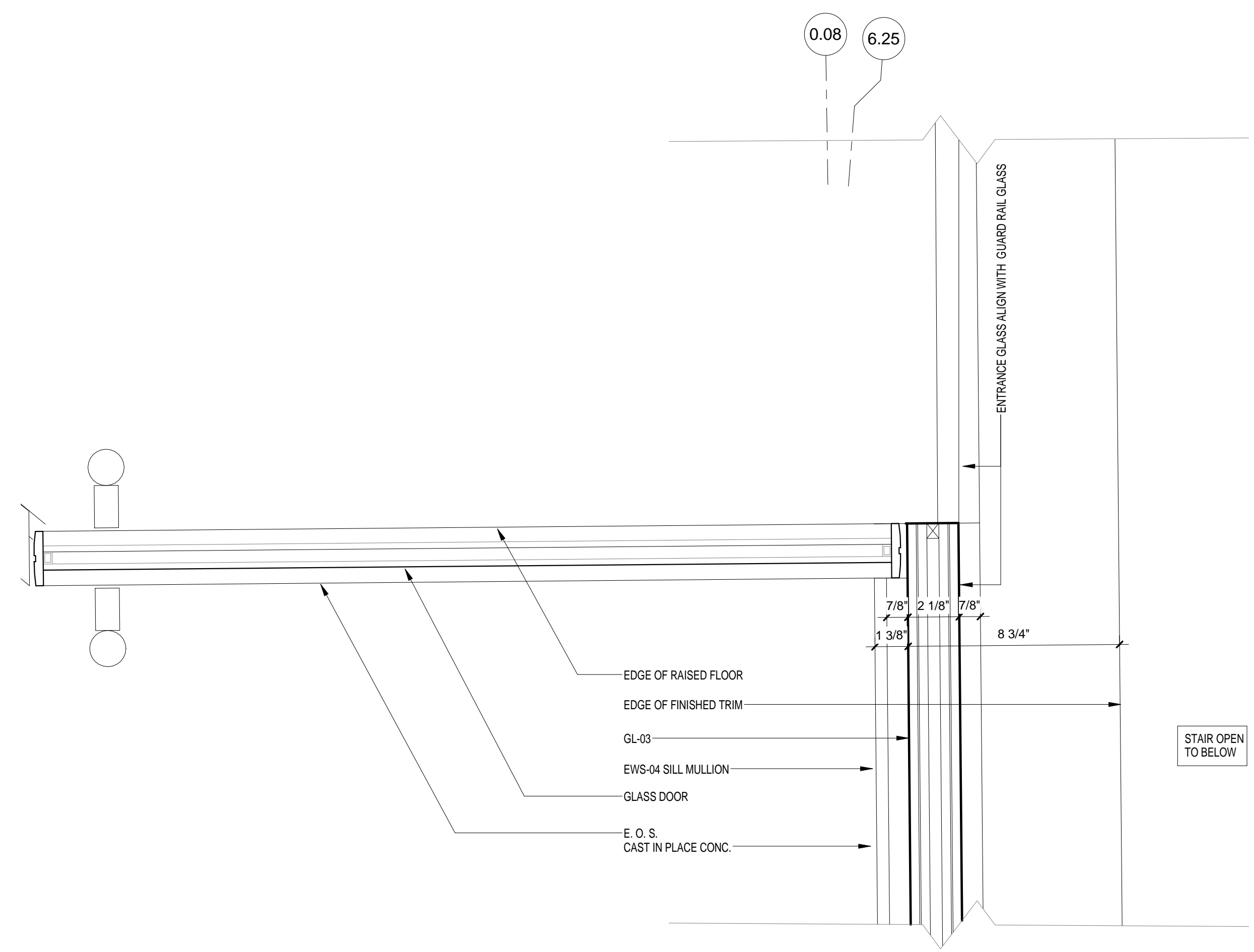
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 4 - DETAILS

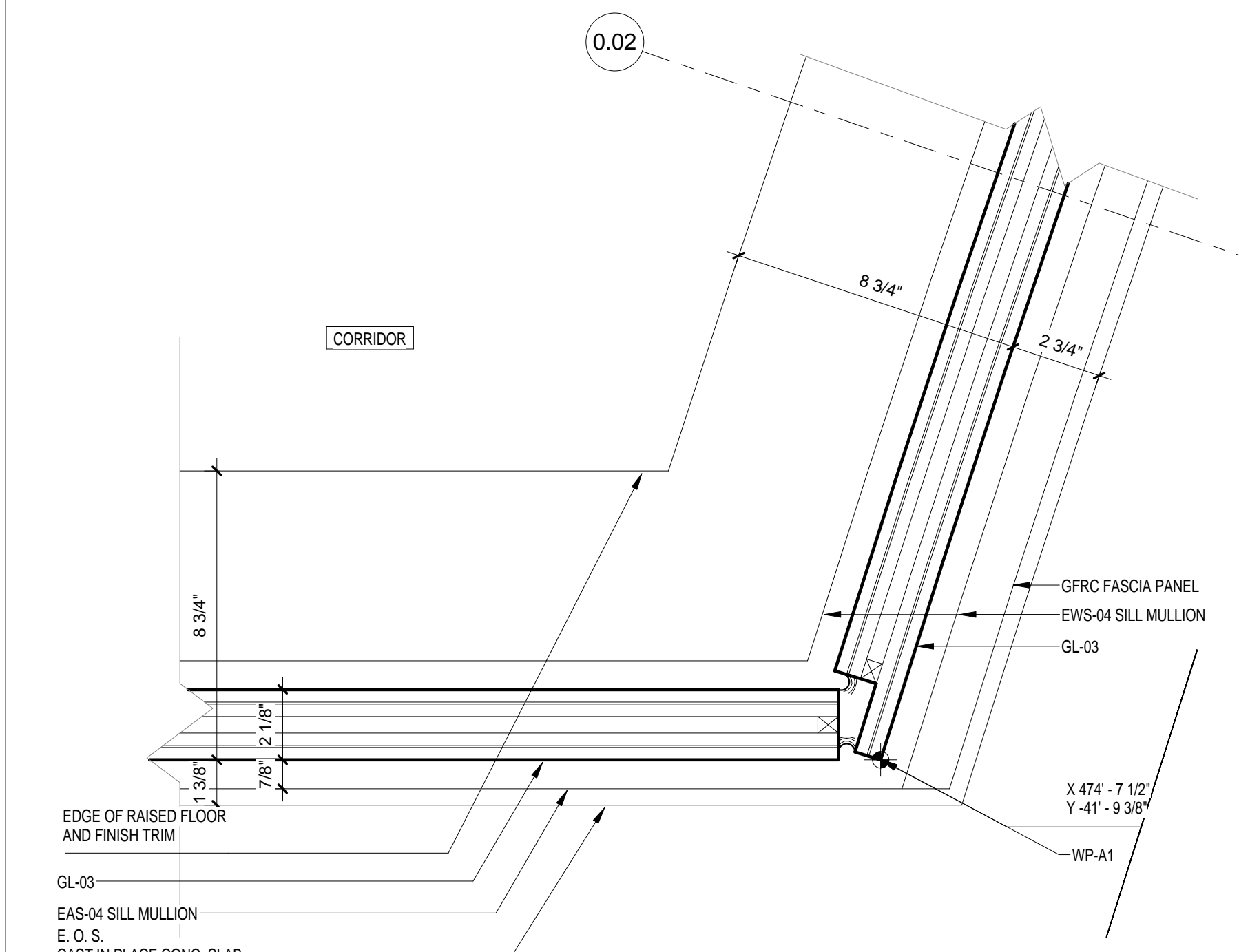
DRAWING NUMBER
A-445.00

Sheet 196 of 315

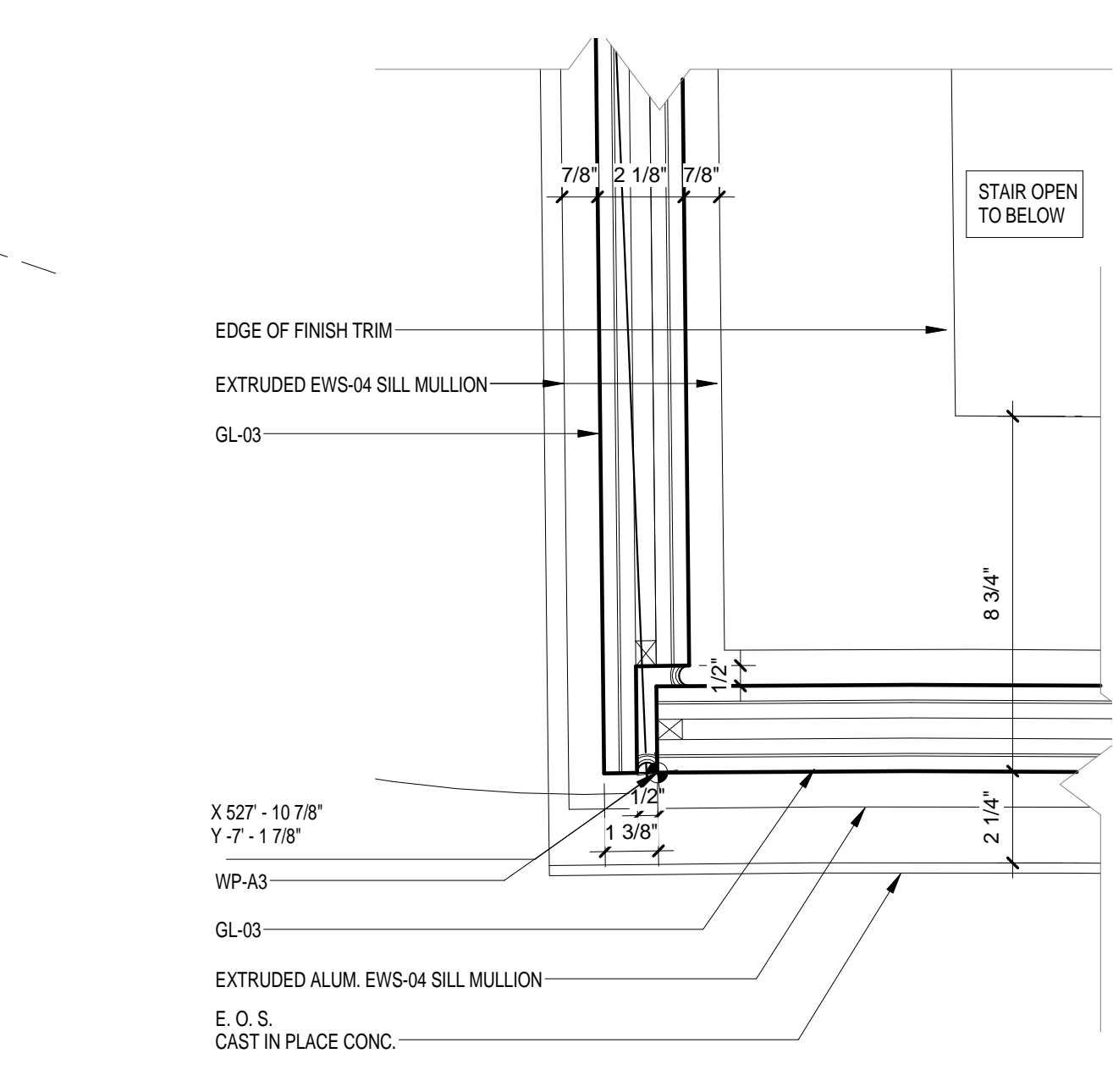
APPROVED
Shauqat Shaikh
Date: 06/30/2016
NYC Development Hub



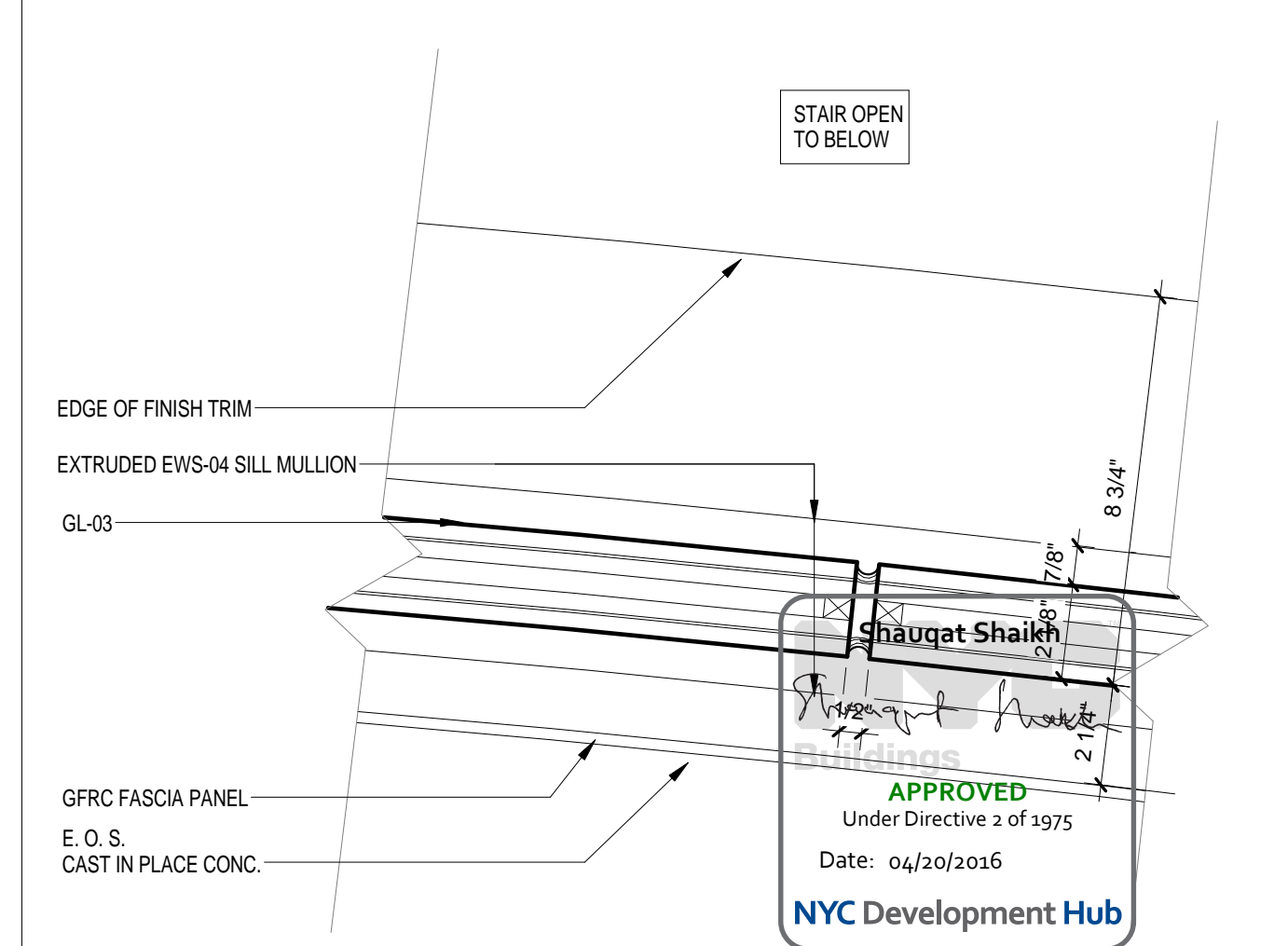
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SCALE: 3" = 1'-0" 2



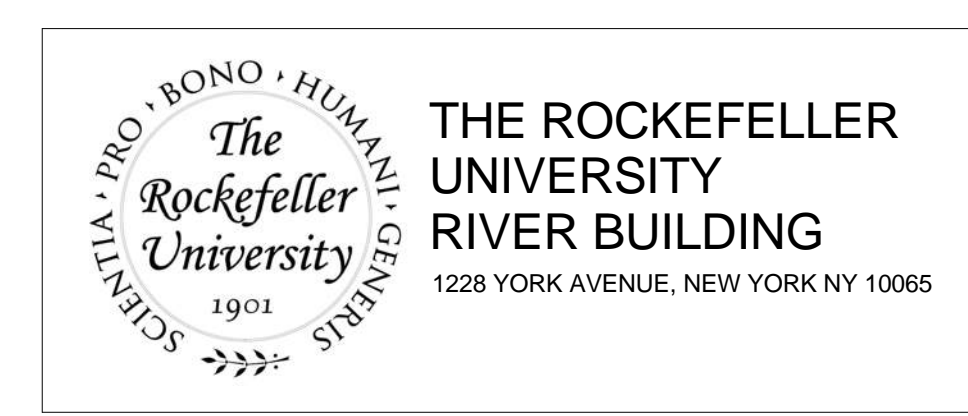
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SCALE: 3" = 1'-0" 5



EWS TYPE 4 - PLAN DETAIL 1
SCALE: 3" = 1'-0" 3



EWS TYPE 4 - PLAN DETAIL 2
SCALE: 3" = 1'-0" 1



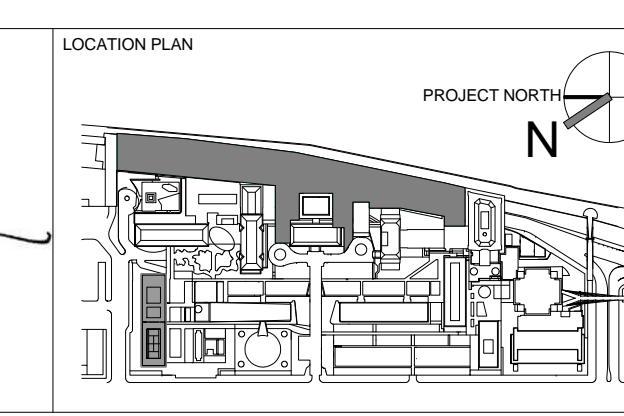
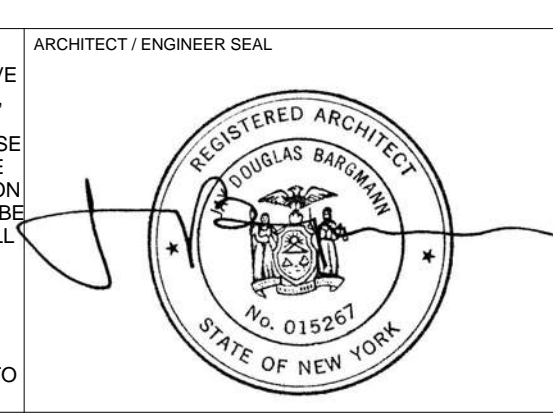
ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
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 THORNTON TOMASETTI, INC.
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 ROBERT SCHWARTZ ASSOCIATES
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REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

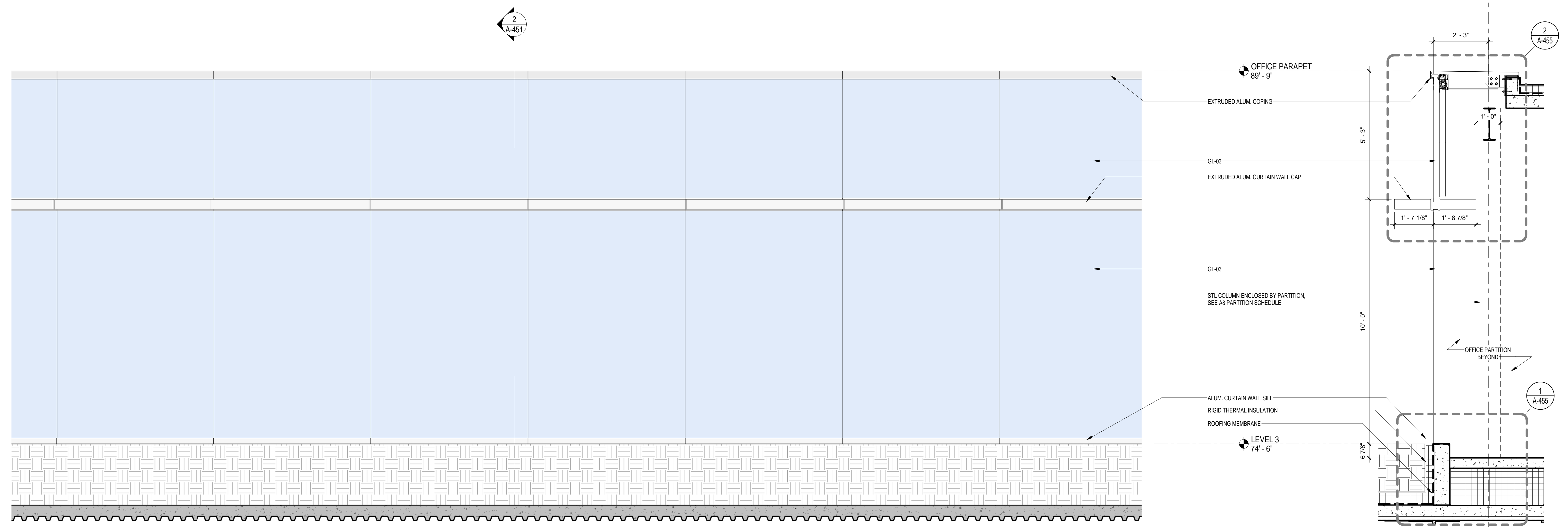
DRAWING SCALE
 3" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

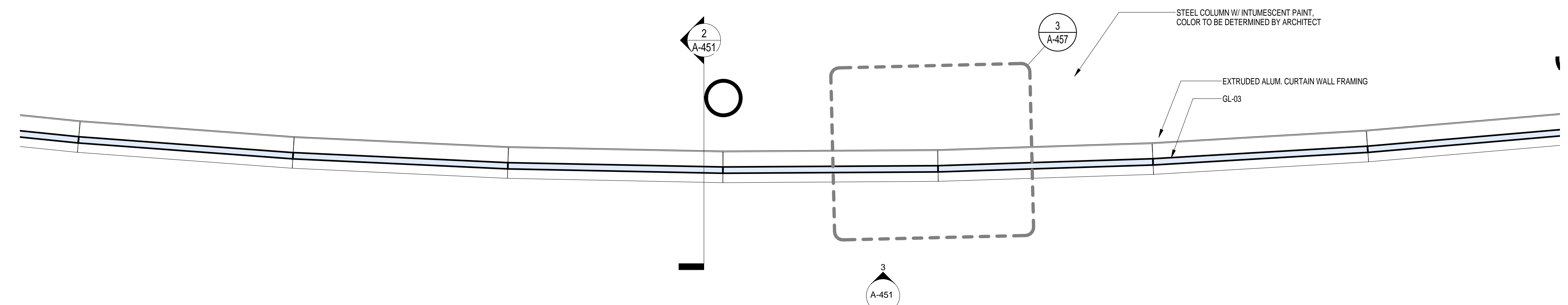
DRAWING TITLE
 EXTERIOR WALL SYSTEM TYPE 4 - PLAN DETAILS

DRAWING NUMBER
 A-446.00

Sheet 197 of 315



EWS TYPE 5 SCALE: 1/2" = 1'-0" 3 EWS TYPE 5 SCALE: 1/2" = 1'-0" 2



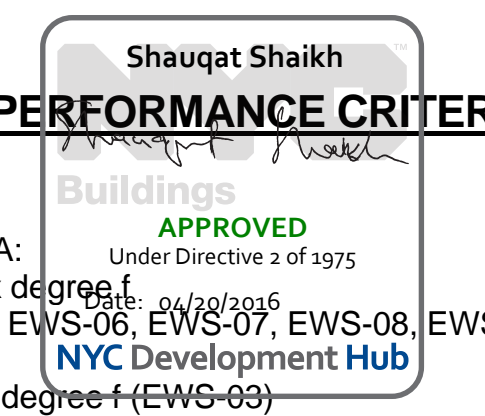
EWS TYPE 5 SCALE: 1/2" = 1'-0" 1

BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

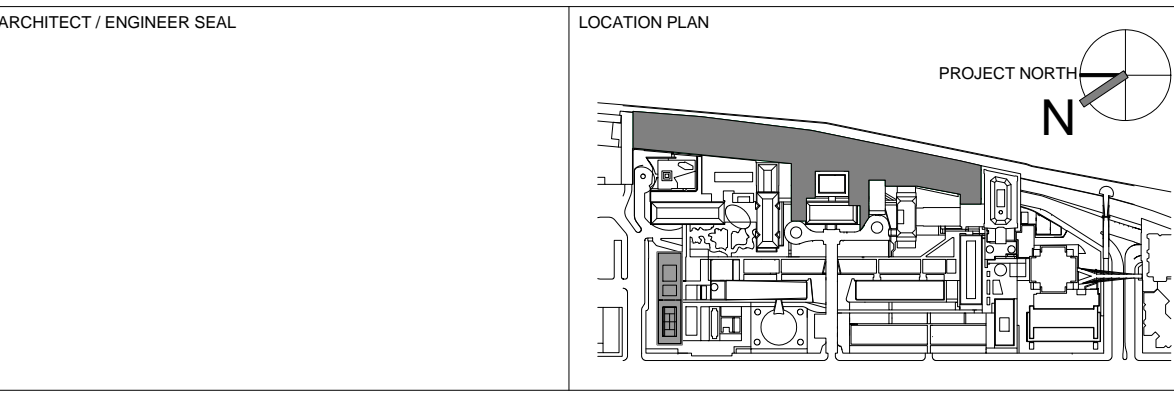
BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE
 U VALUE:
 • FIXED GLAZING AND FRAMING AREA:
 NO GRATER THAN 0.4 Btu/sq. ft. x h x degree f.
 (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
 FULL SPANDREL PANEL:
 NO GRATER THAN 0.2 Btu/sq.ft. x h x degree f (EWS-03)
 SHGC: FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.35



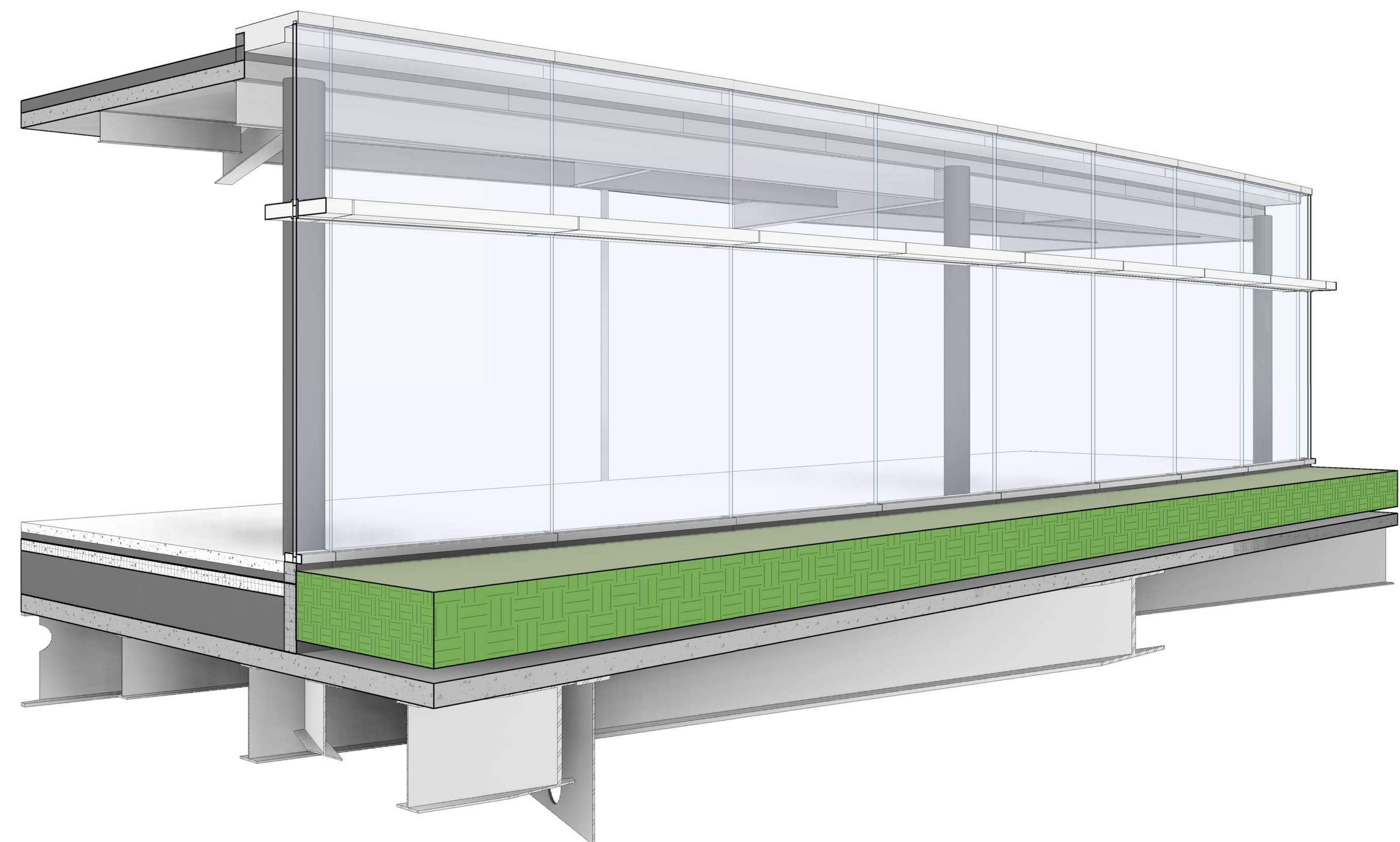
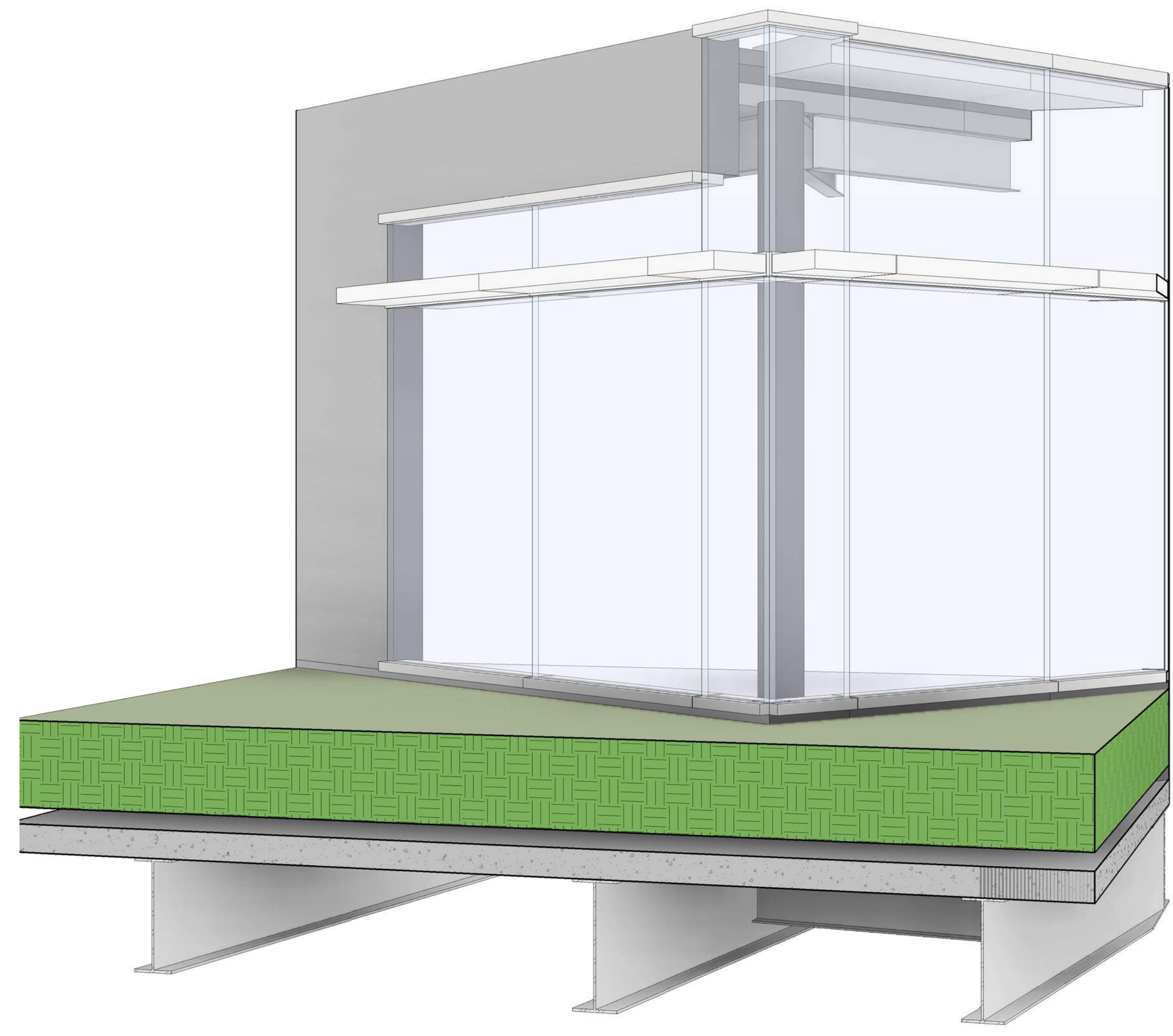
THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.
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REV	DESCRIPTION	DATE
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER 664.100	DRAWING TITLE EXTERIOR WALL SYSTEM TYPE 5 - NORTH PAVILION PLAN, ELEV & SECTION
DRAWING SIZE 24" x 36"	DRAWING NUMBER A-451.00
DRAWING SCALE As indicated	PROJECT PHASE CONSTRUCTION DOCUMENTS



EWS TYPE 5 - SE CORNER SCALE: 2

EWS TYPE 5 SCALE: 1

Shauqat Shaikh
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 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

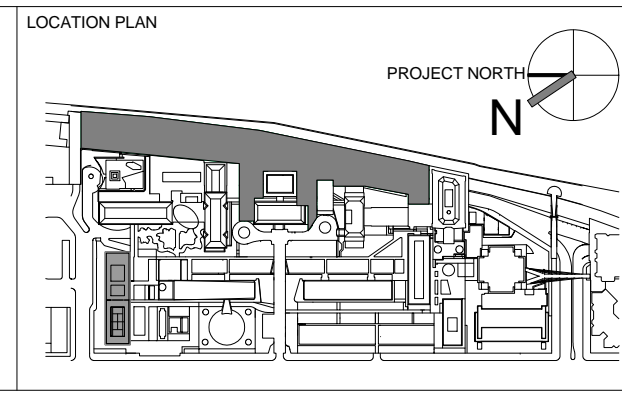
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 158 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248

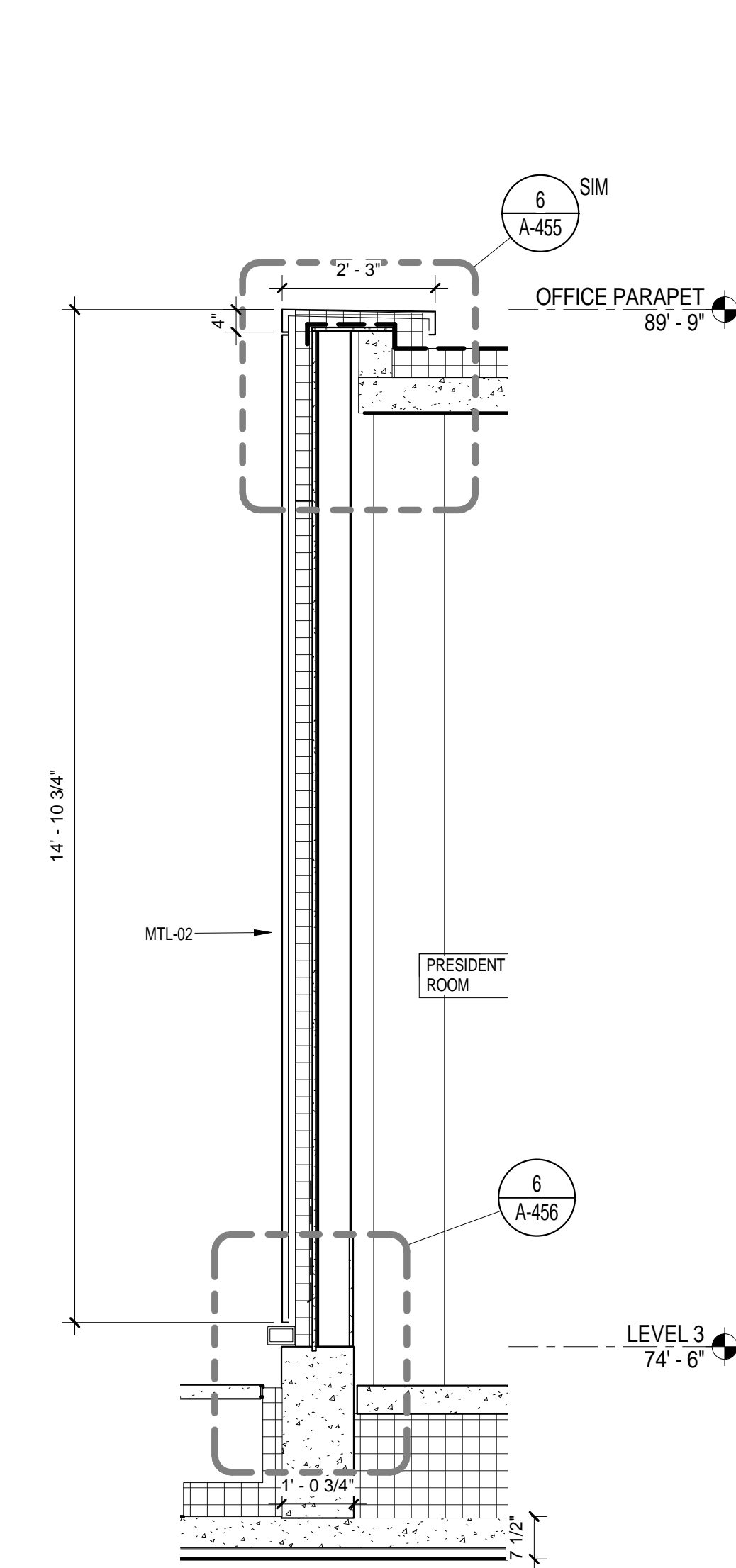
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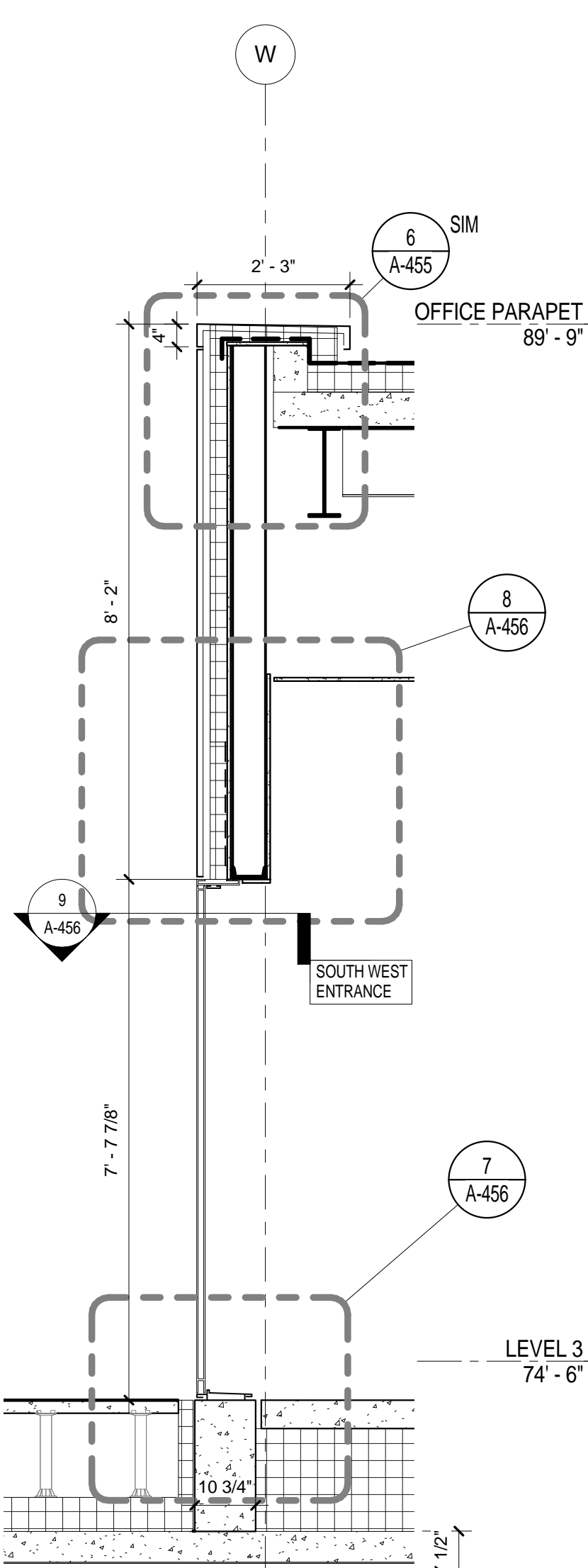
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1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE
4	DOB SUBMISSION - RB	16-DEC-15	

EXTERIOR WALL SYSTEM TYPE 5 - PERSPECTIVE VIEW

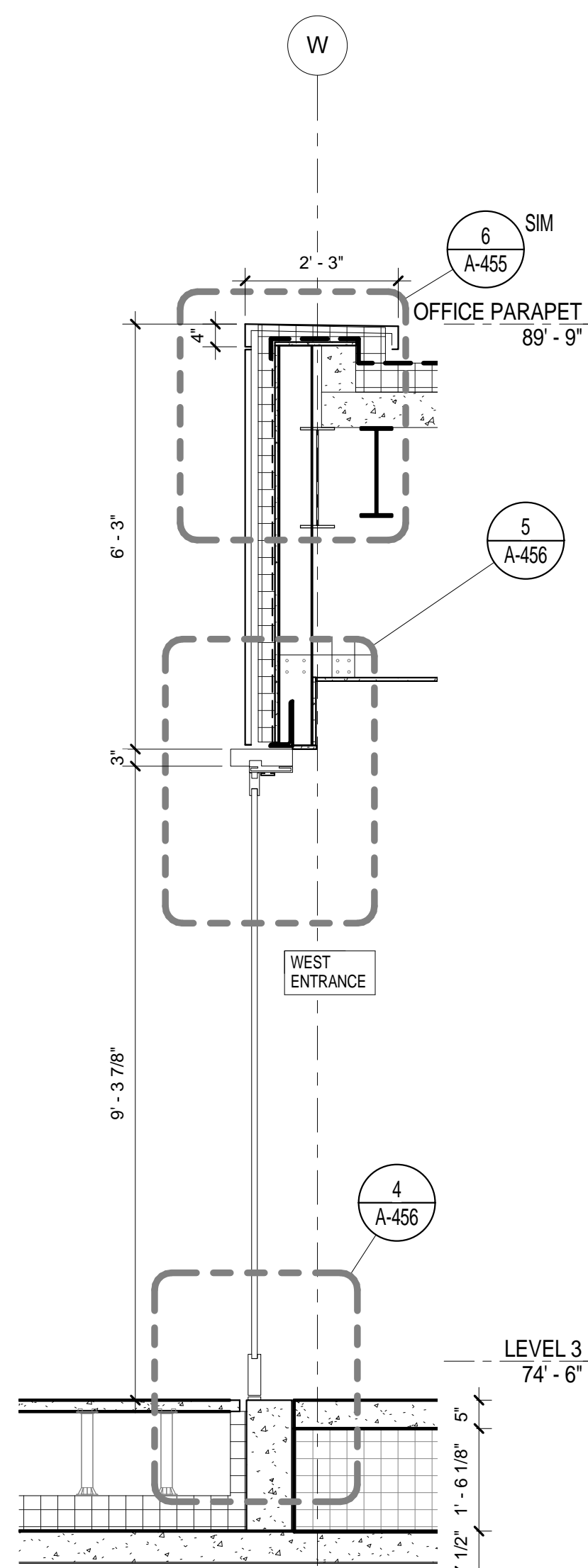
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 SHEET 199 OF 315



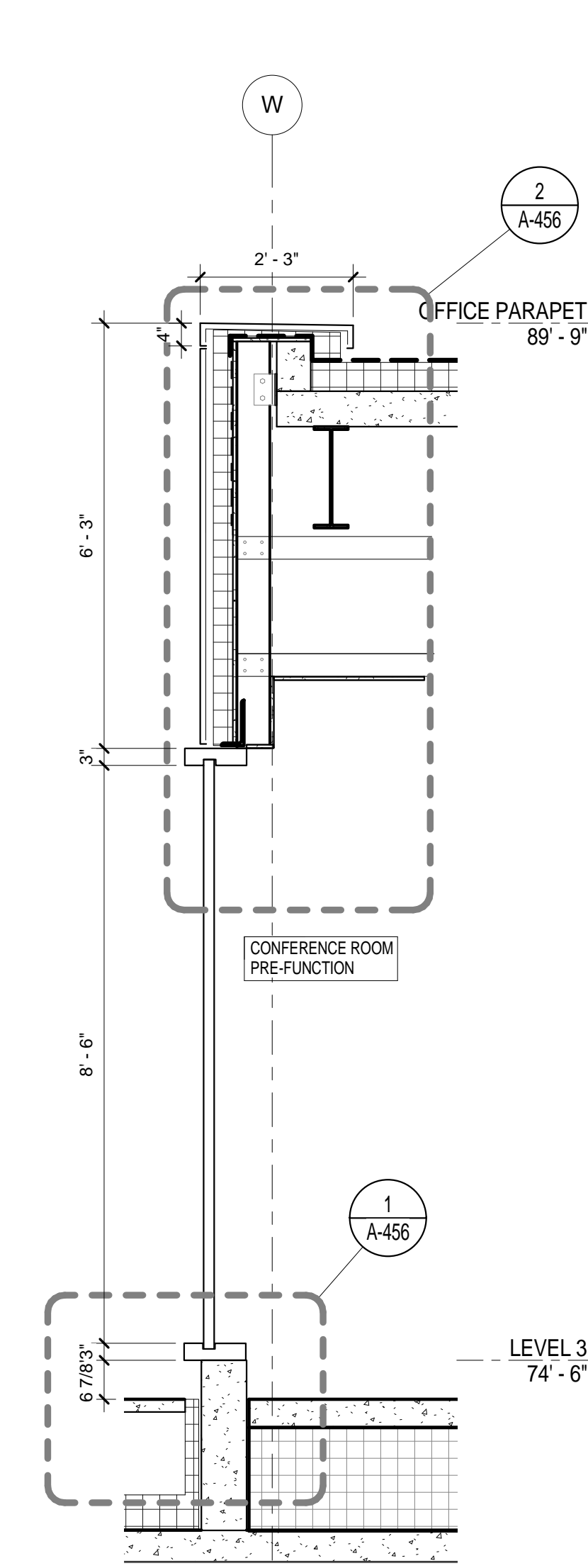
EWS TYPE 5 @ METAL PANEL WALL SECTION
SCALE: 1/2" = 1'-0"
6



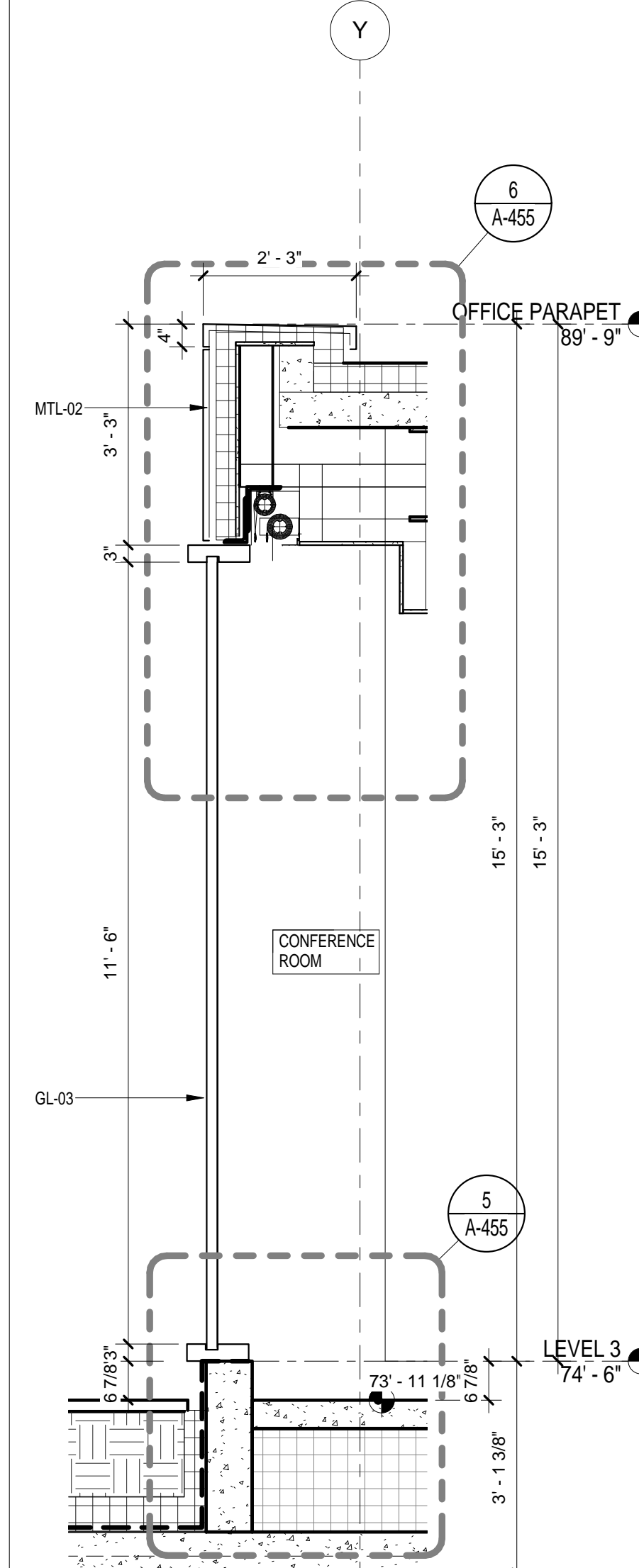
EWS TYPE 5 @ METAL DOOR
SCALE: 1/2" = 1'-0"
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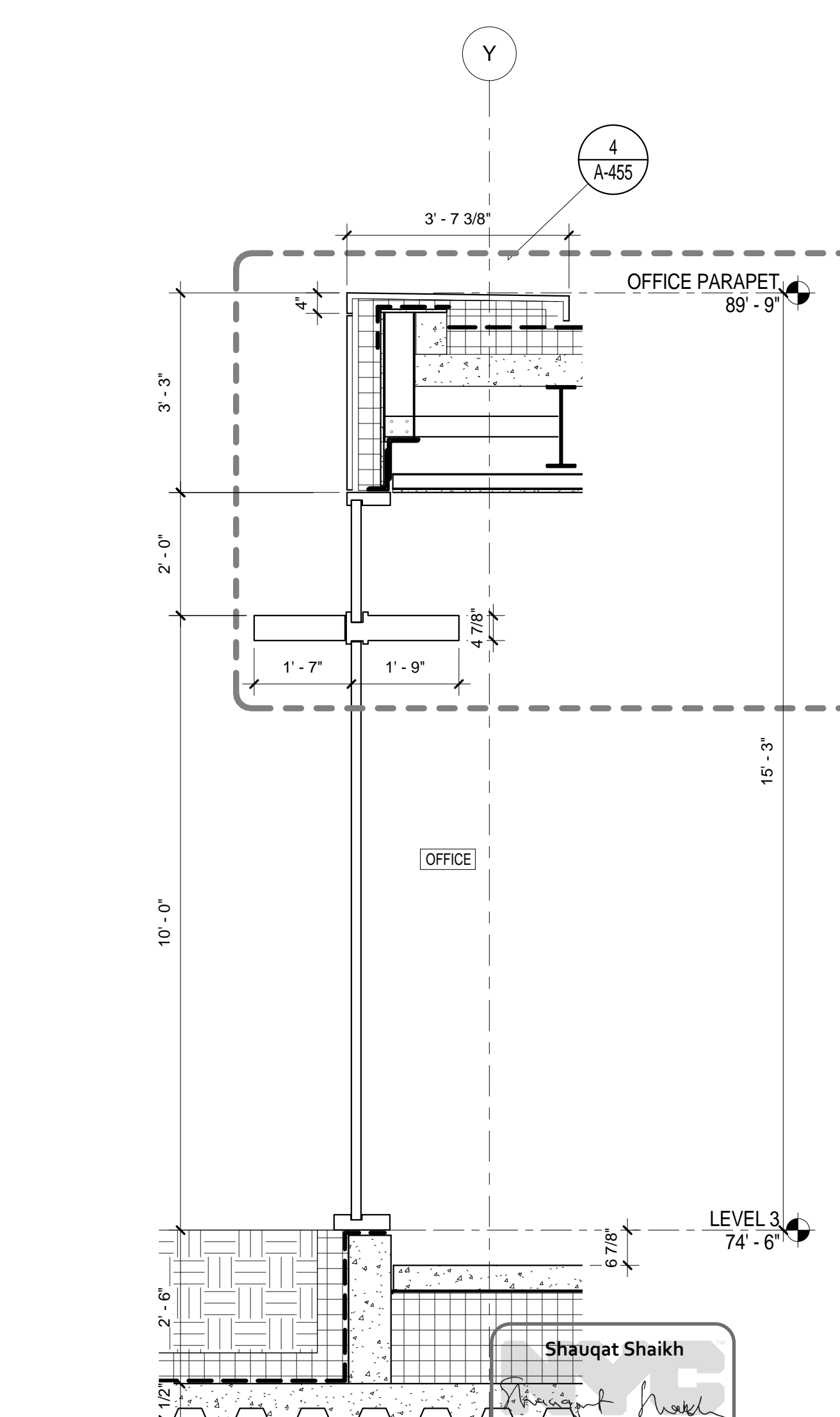
EWS TYPE 5 @ GLASS DOOR
SCALE: 1/2" = 1'-0"
4



EWS TYPE 5 - WEST CURTAIN WALL
SCALE: 1/2" = 1'-0"
3



EWS TYPE 5 @ CONFERENCE WALL SECTION
SCALE: 1/2" = 1'-0"
2



EWS TYPE 5 ALT @ NORTH/SOUTH WALL SECTION
SCALE: 1/2" = 1'-0"
1

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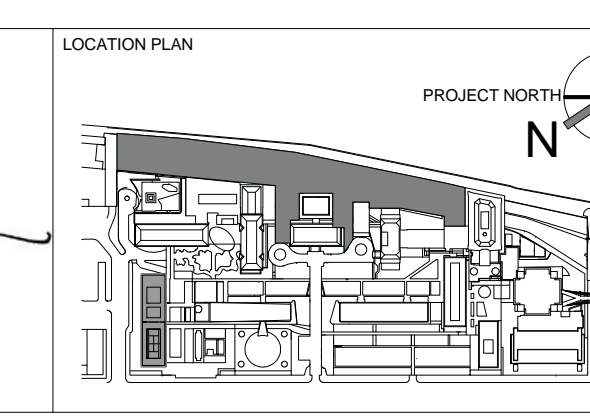
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
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NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
156 WEST 29TH STREET
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T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
NICHOLAS BARONIA
No. 015267
STATE OF NEW YORK



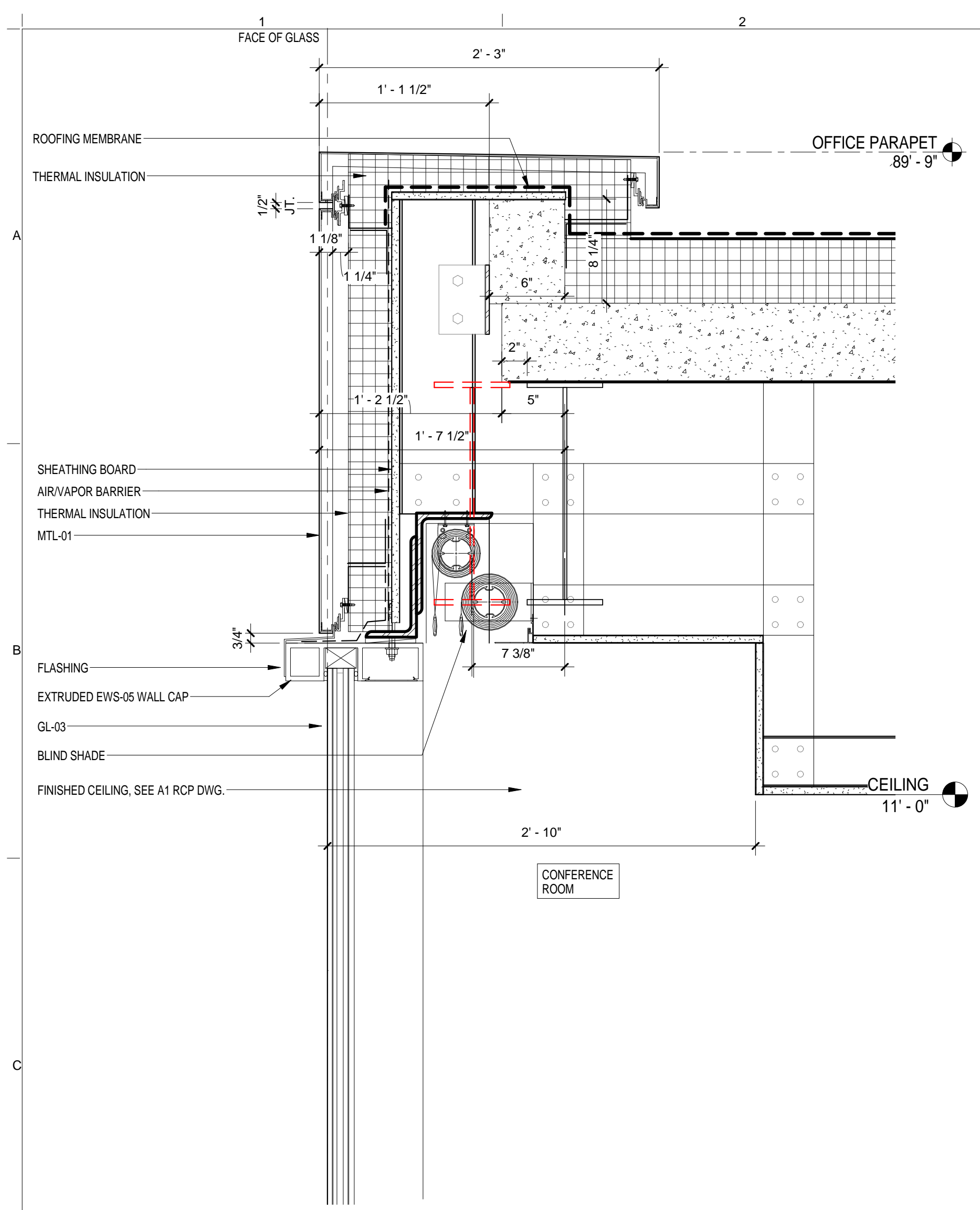
REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
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DRAWING SCALE
1/2" = 1'-0"

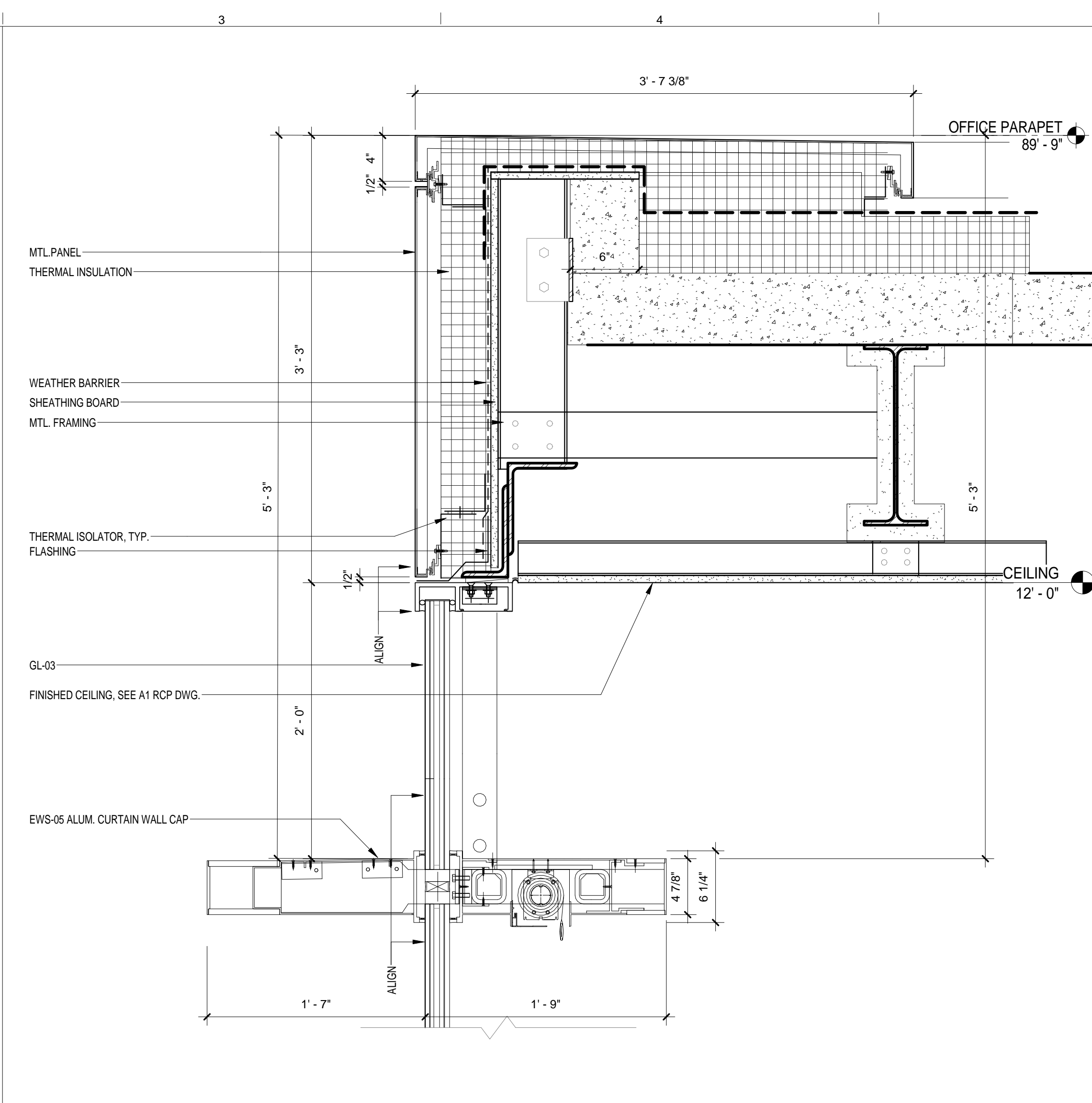
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EXTERIOR WALL SYSTEM TYPE 5 - SECTIONS

DRAWING NUMBER
A-453.00

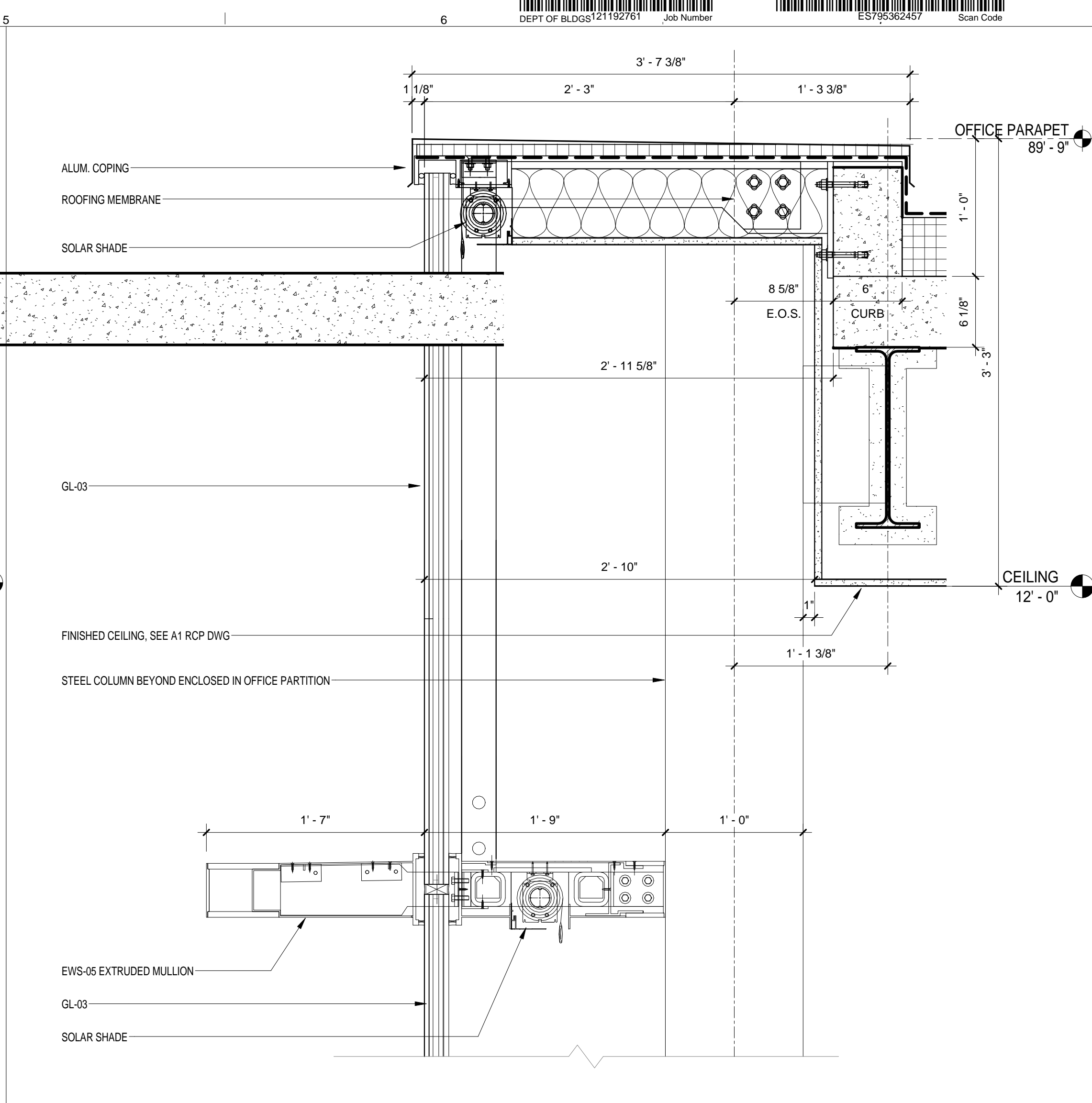
Sheet 200 of 315



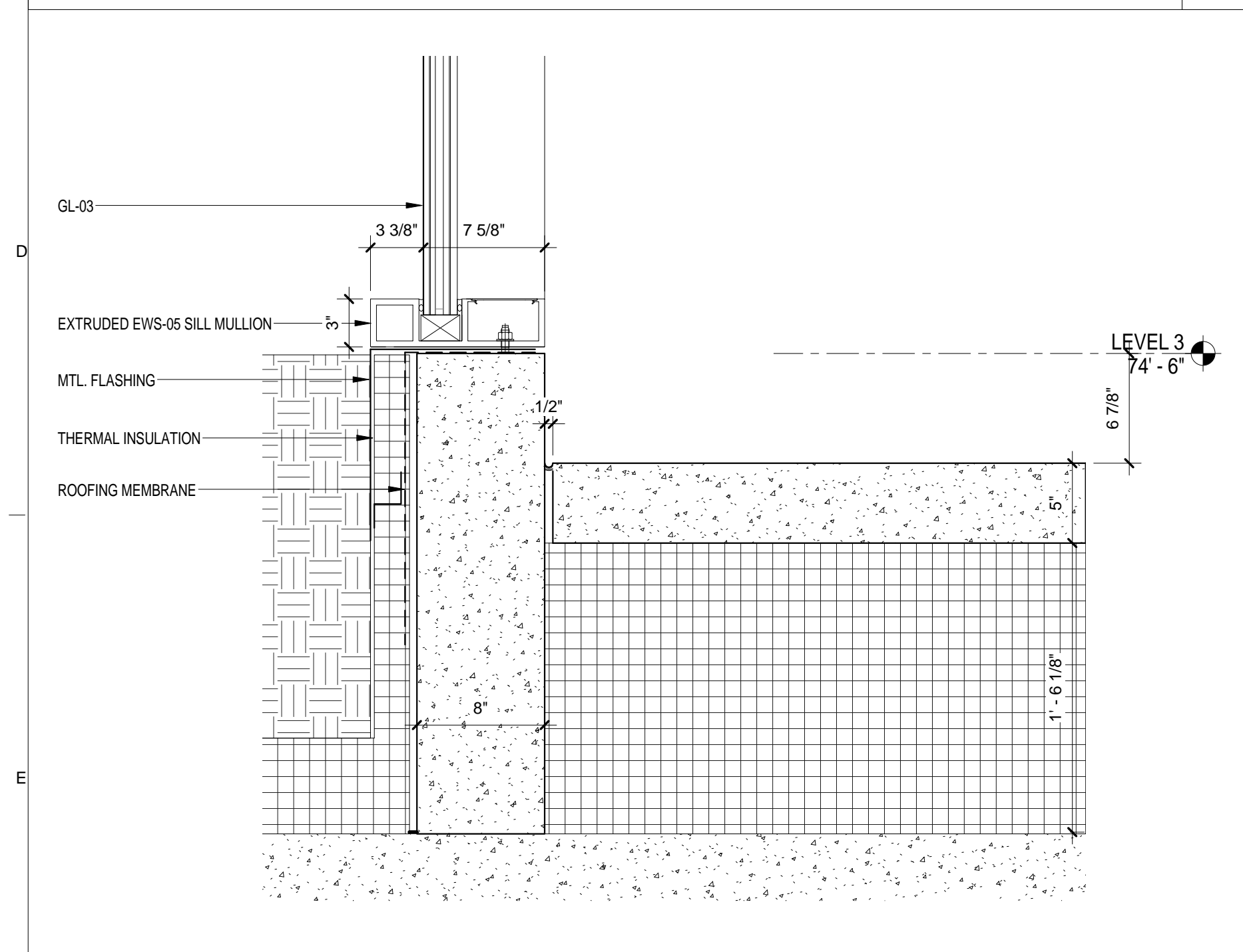
EWS TYPE 5 - NORTH CONFERENCE
SCALE: 1 1/2" = 1'-0" 6



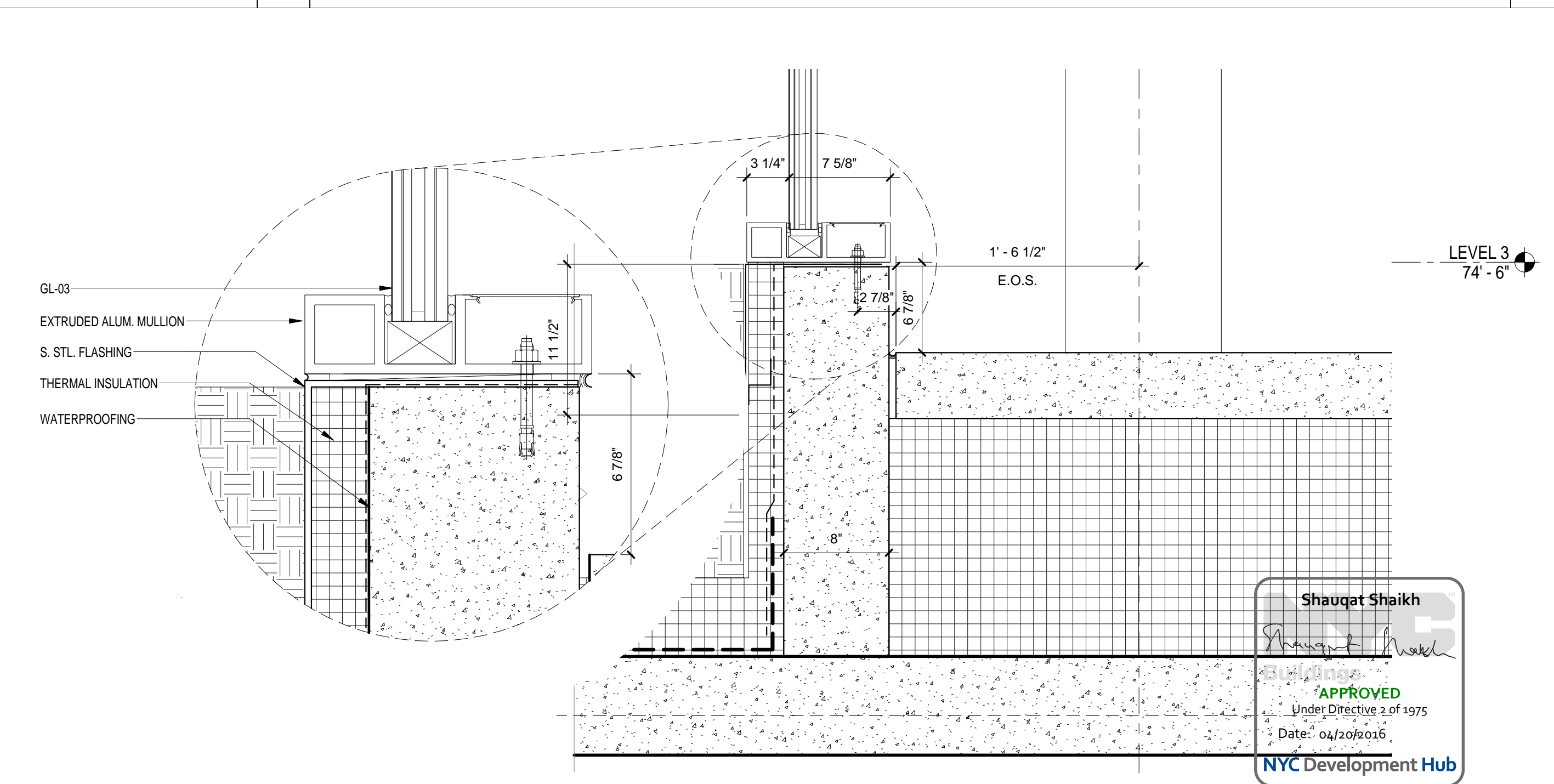
EWS TYPE 5 - DIAGONAL PANEL
SCALE: 1 1/2" = 1'-0" 4



EWS TYPE 5 - DETAIL 3
SCALE: 1 1/2" = 1'-0" 2



EWS TYPE 5 - CONFERENCE ROOM SILL DETAIL
SCALE: 1 1/2" = 1'-0" 5



EWS TYPE 5 - DETAIL 1
SCALE: 1 1/2" = 1'-0" 1

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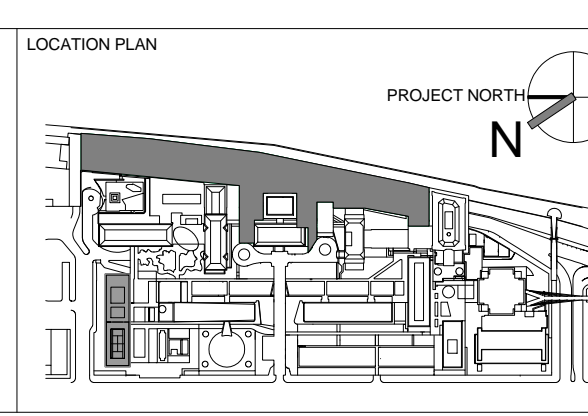
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
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NEWARK, NJ 07102
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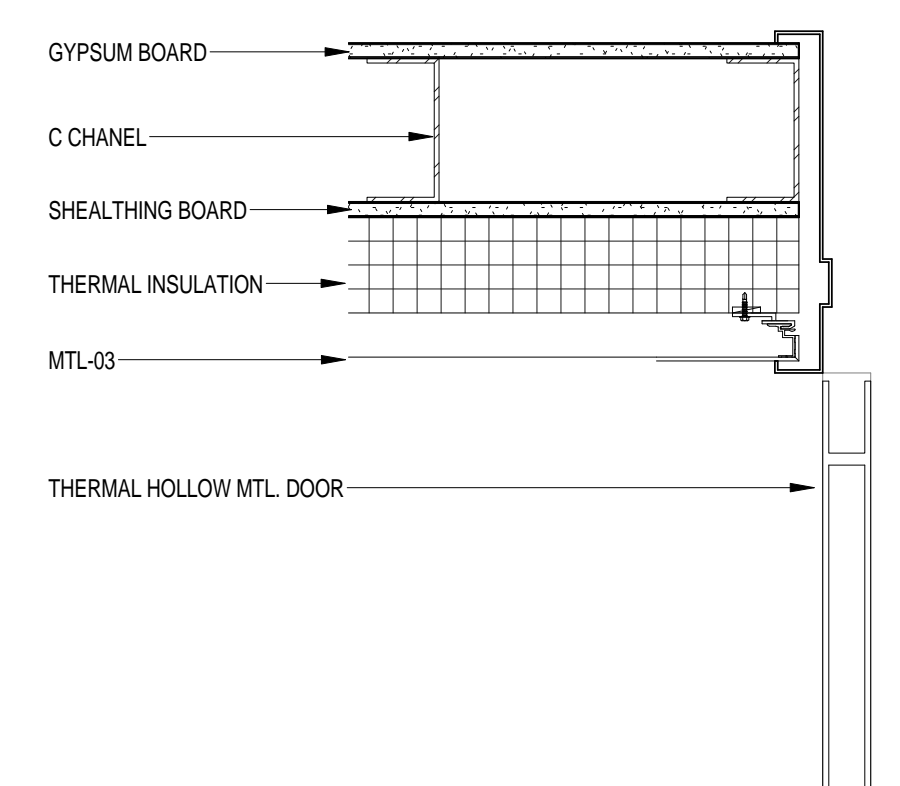
REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	24' x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE As indicated
4	DOB SUBMISSION - RB	16-DEC-15	PROJECT PHASE CONSTRUCTION DOCUMENTS

ARCHITECT'S PROJECT NUMBER: 664.100
DRAWING SIZE: 24' x 36"
DRAWING SCALE: As indicated
PROJECT PHASE: CONSTRUCTION DOCUMENTS

EXTERIOR WALL SYSTEM TYPE 5 - DETAILS

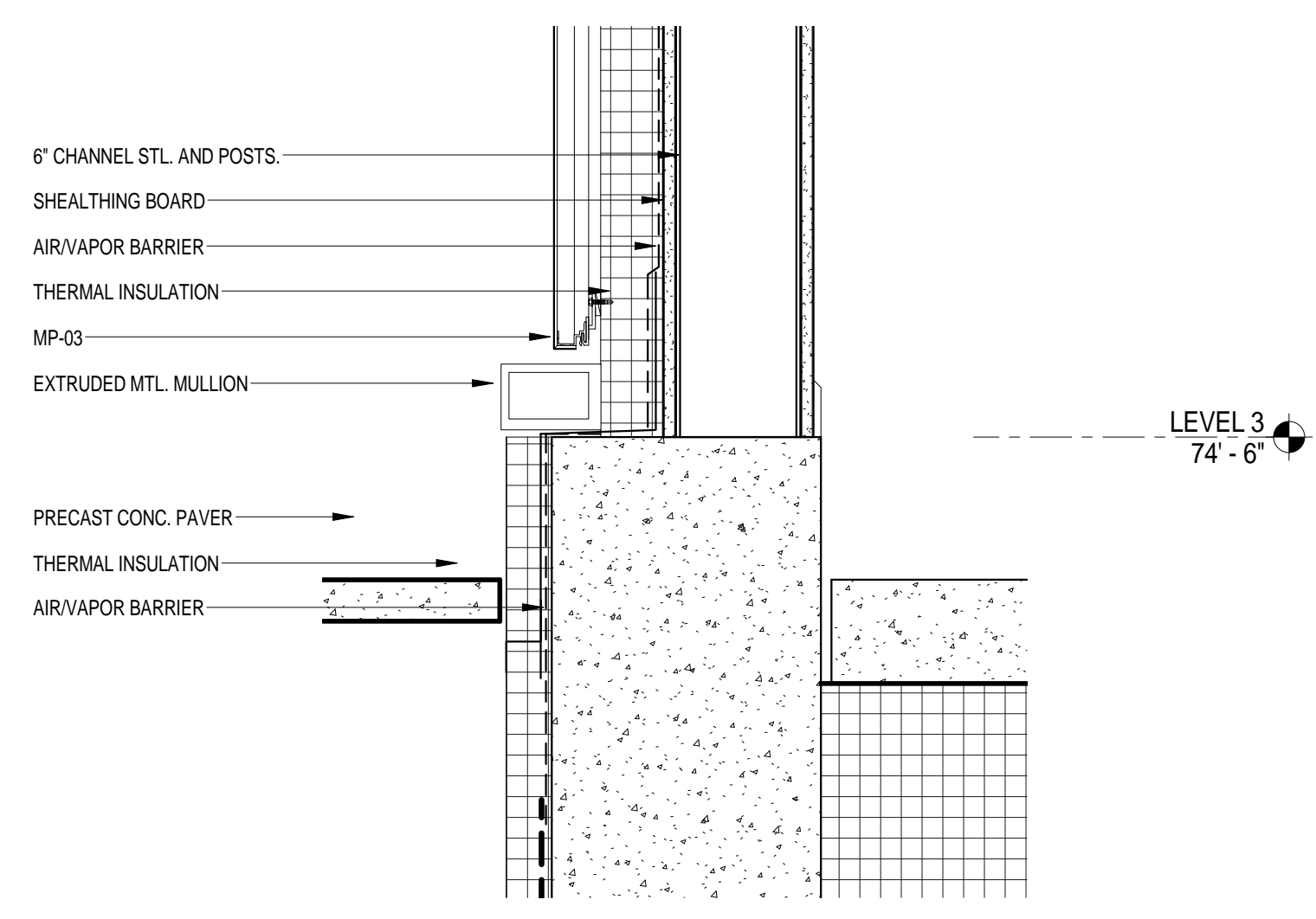
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Sheet 201 of 315

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Date: 04/20/2016
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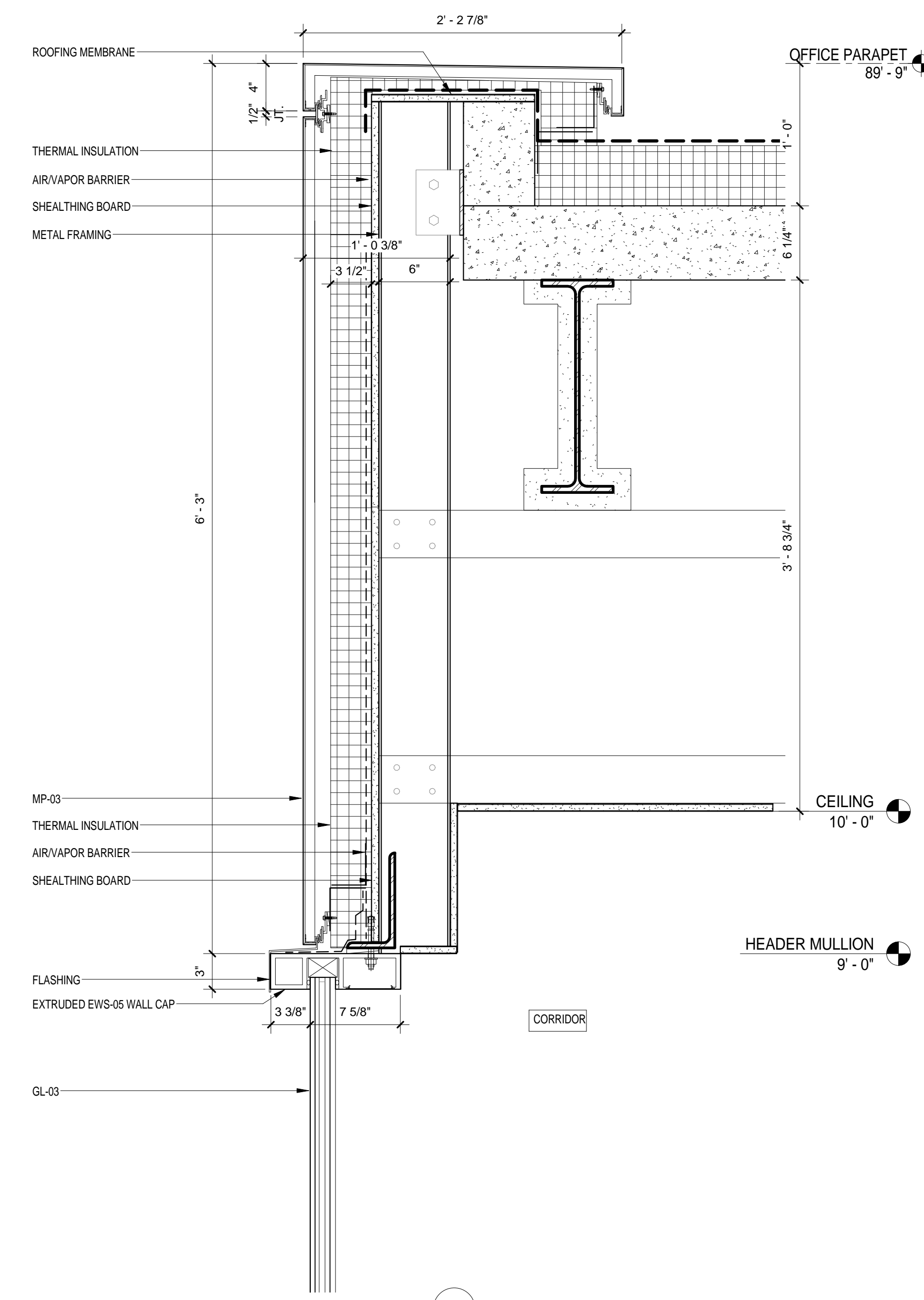
EWS TYPE 5 @ METAL PANEL AND METAL DOOR DETAIL
SCALE: 1 1/2" = 1'-0"

9



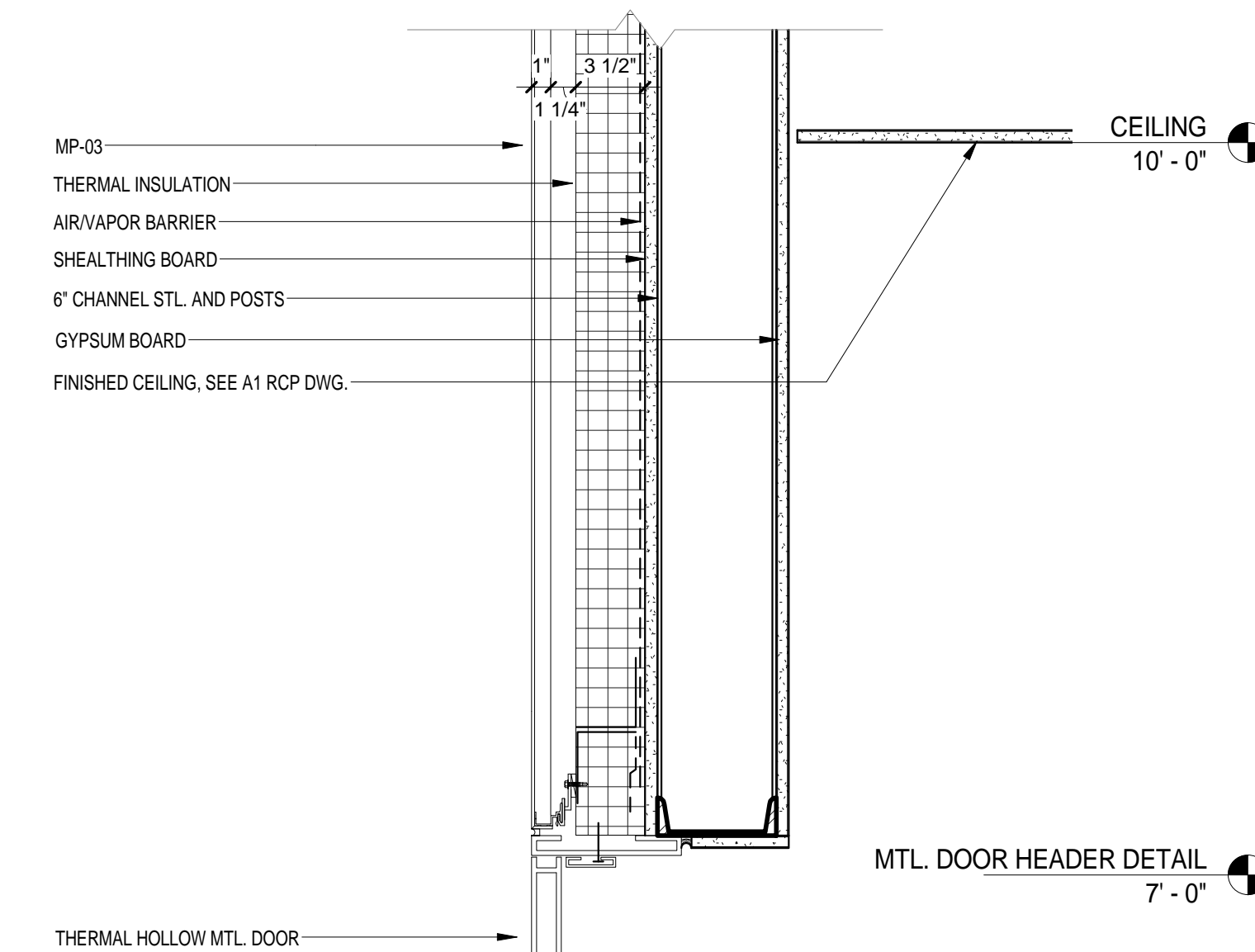
EWS TYPE 5 - DETAIL 7
SCALE: 1 1/2" = 1'-0"

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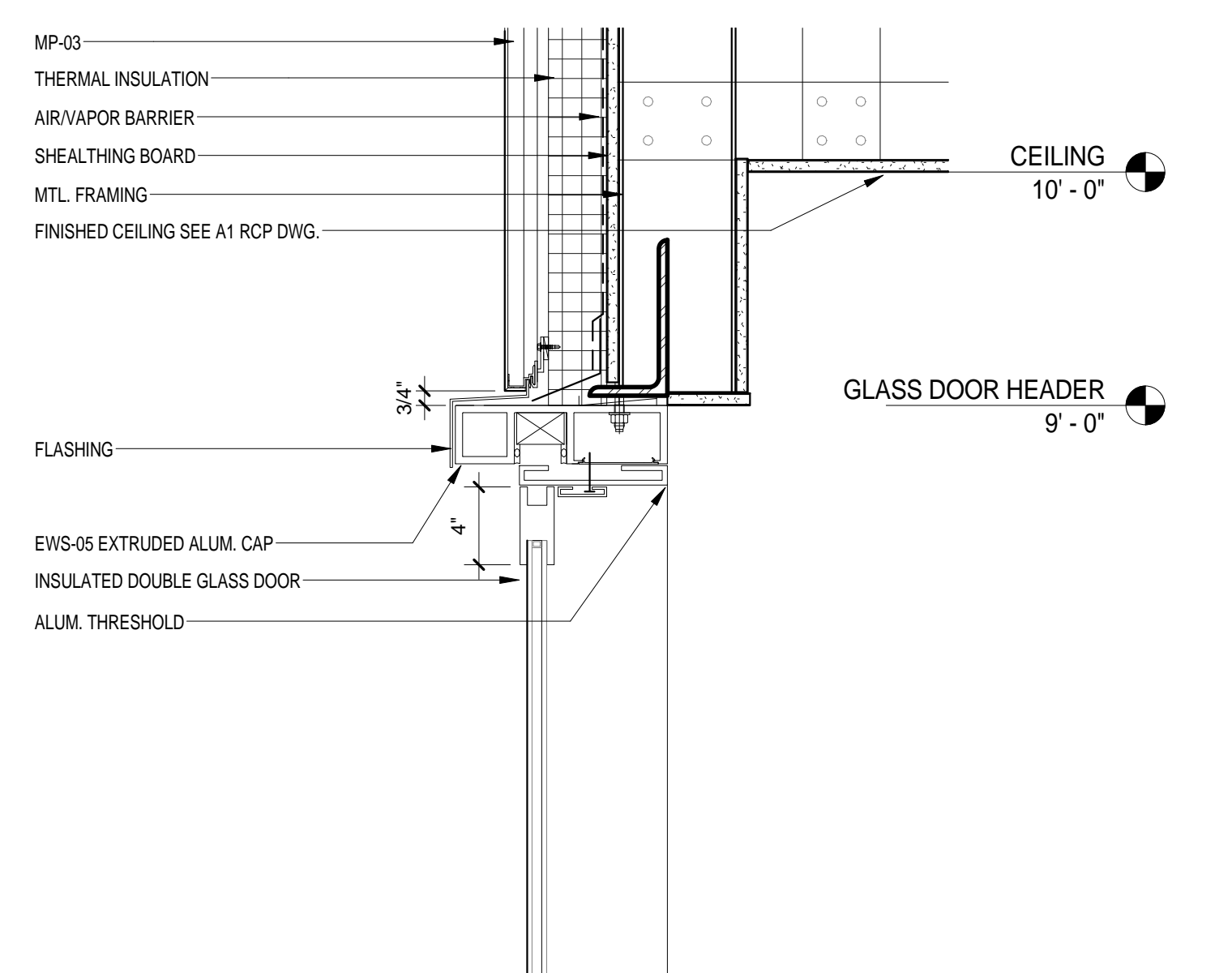
EWS TYPE 5 - WEST CURTAIN WALL - Callout 1
SCALE: 1 1/2" = 1'-0"

2



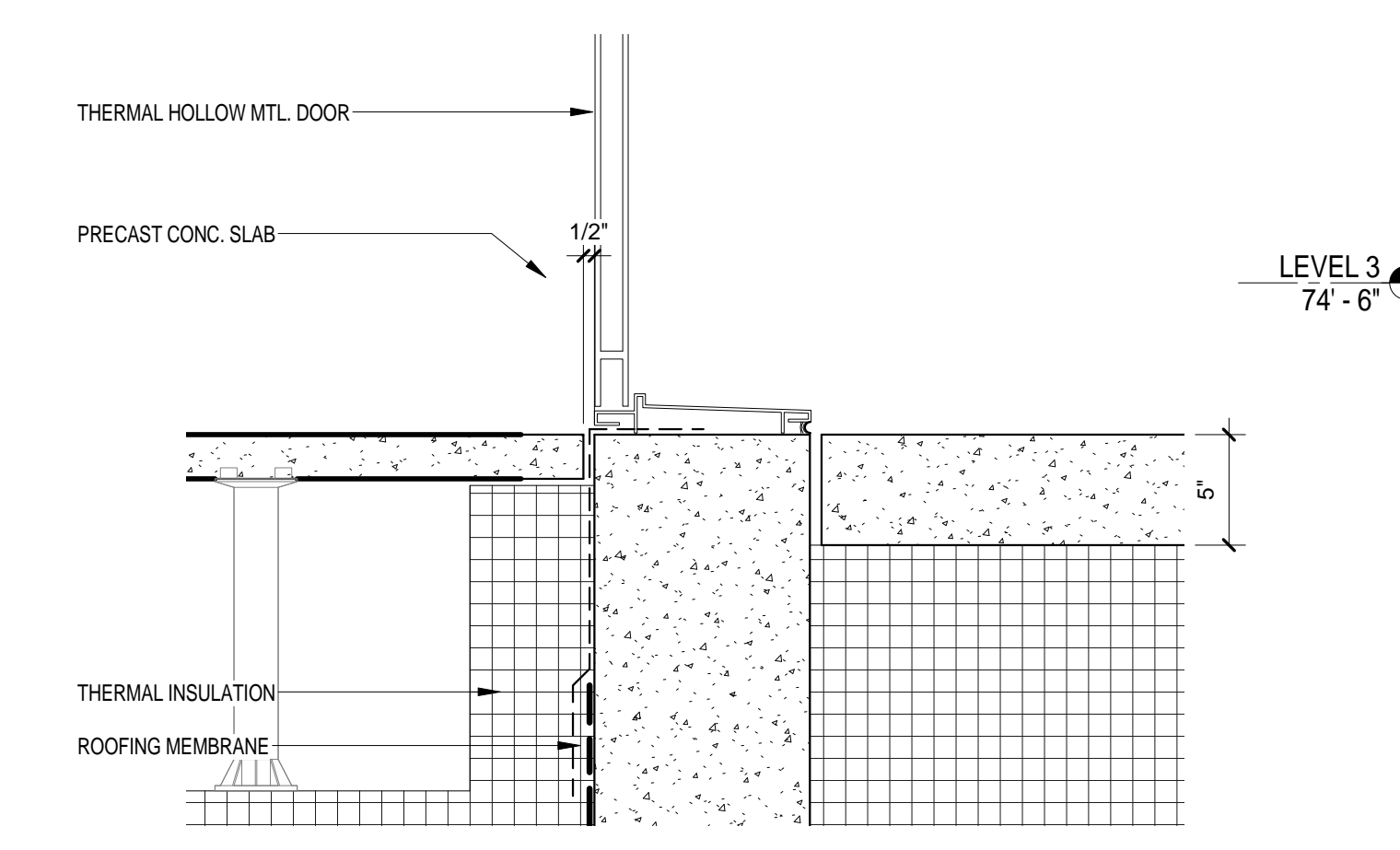
EWS TYPE 5 - HEADER SINGLE DOOR DETAIL
SCALE: 1 1/2" = 1'-0"

8



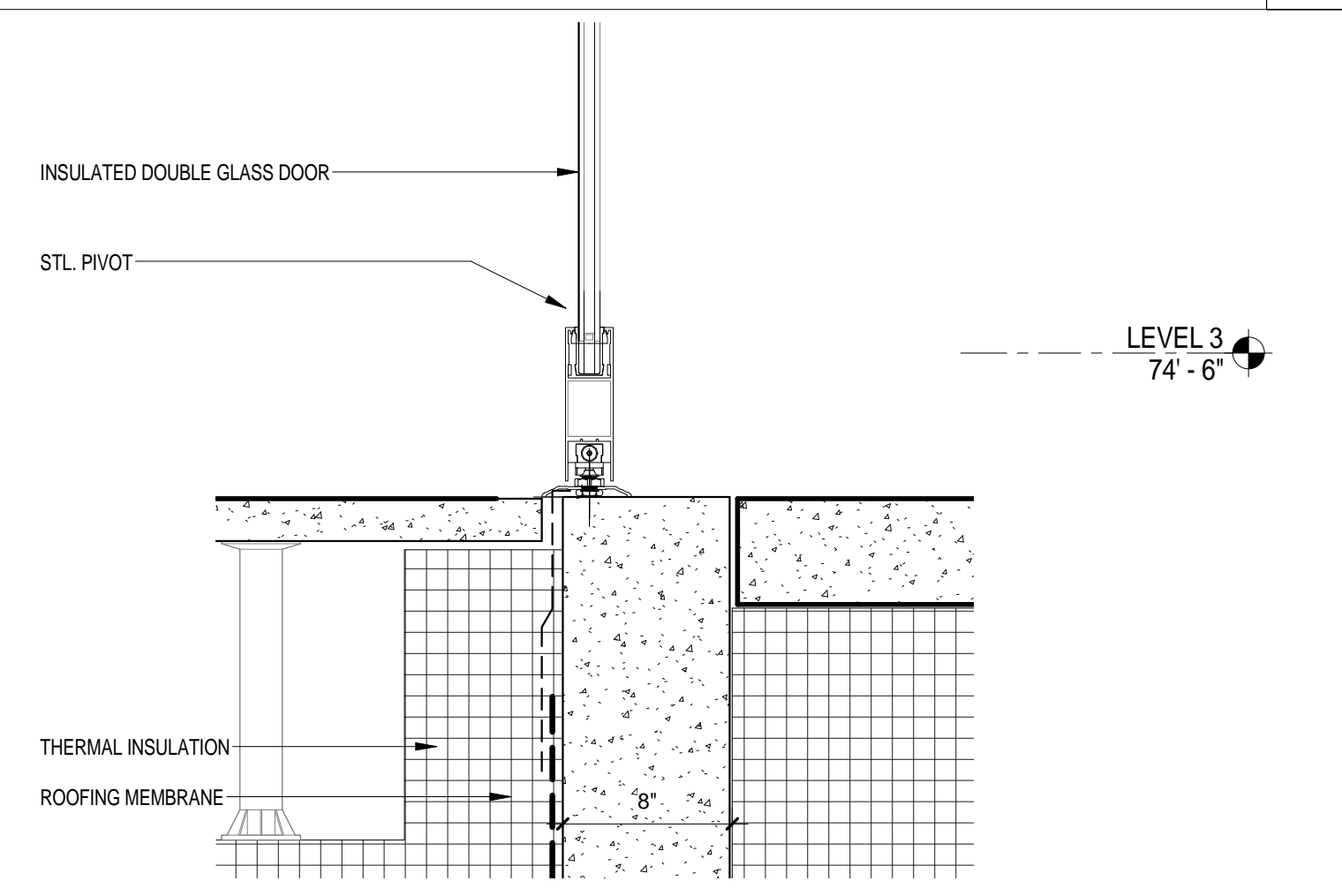
EWS TYPE 5 - WEST HEADER DETAIL GLASS DOOR
SCALE: 1 1/2" = 1'-0"

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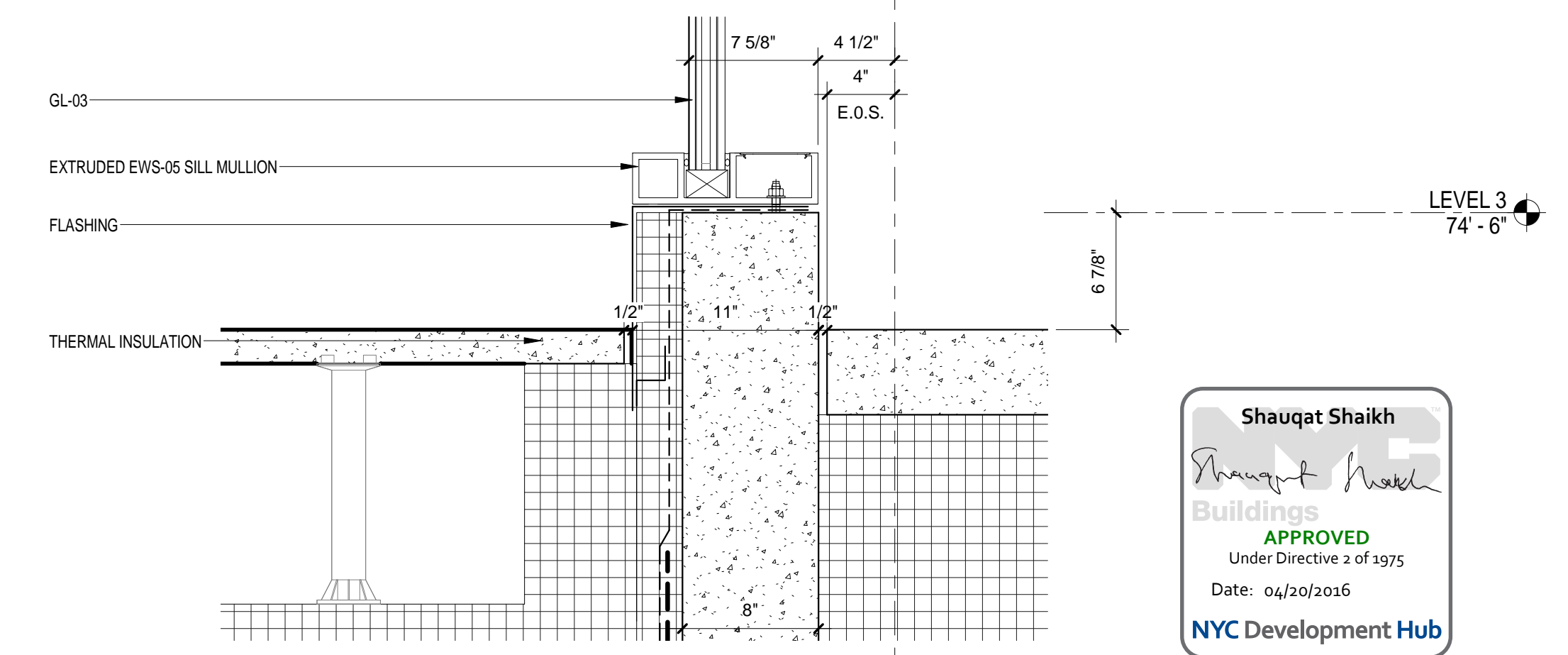
EWS TYPE 5 - SILL SINGLE DOOR DETAIL
SCALE: 1 1/2" = 1'-0"

7



EWS TYPE 5 - WEST SILL DETAIL GLASS DOOR
SCALE: 1 1/2" = 1'-0"

4



EWS TYPE 5 - SILL WEST CURTAIN WALL
SCALE: 1 1/2" = 1'-0"

1

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RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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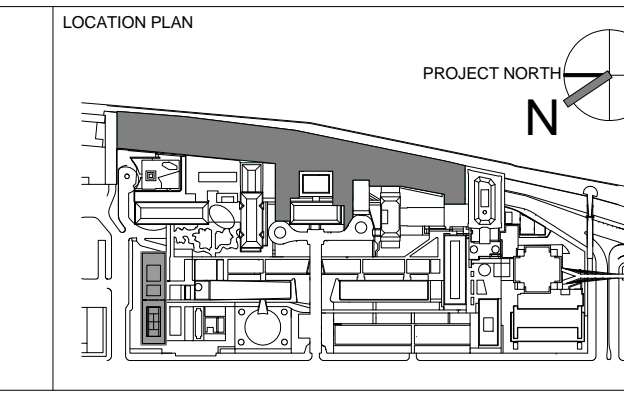
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL.
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
158 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 5 - DETAILS

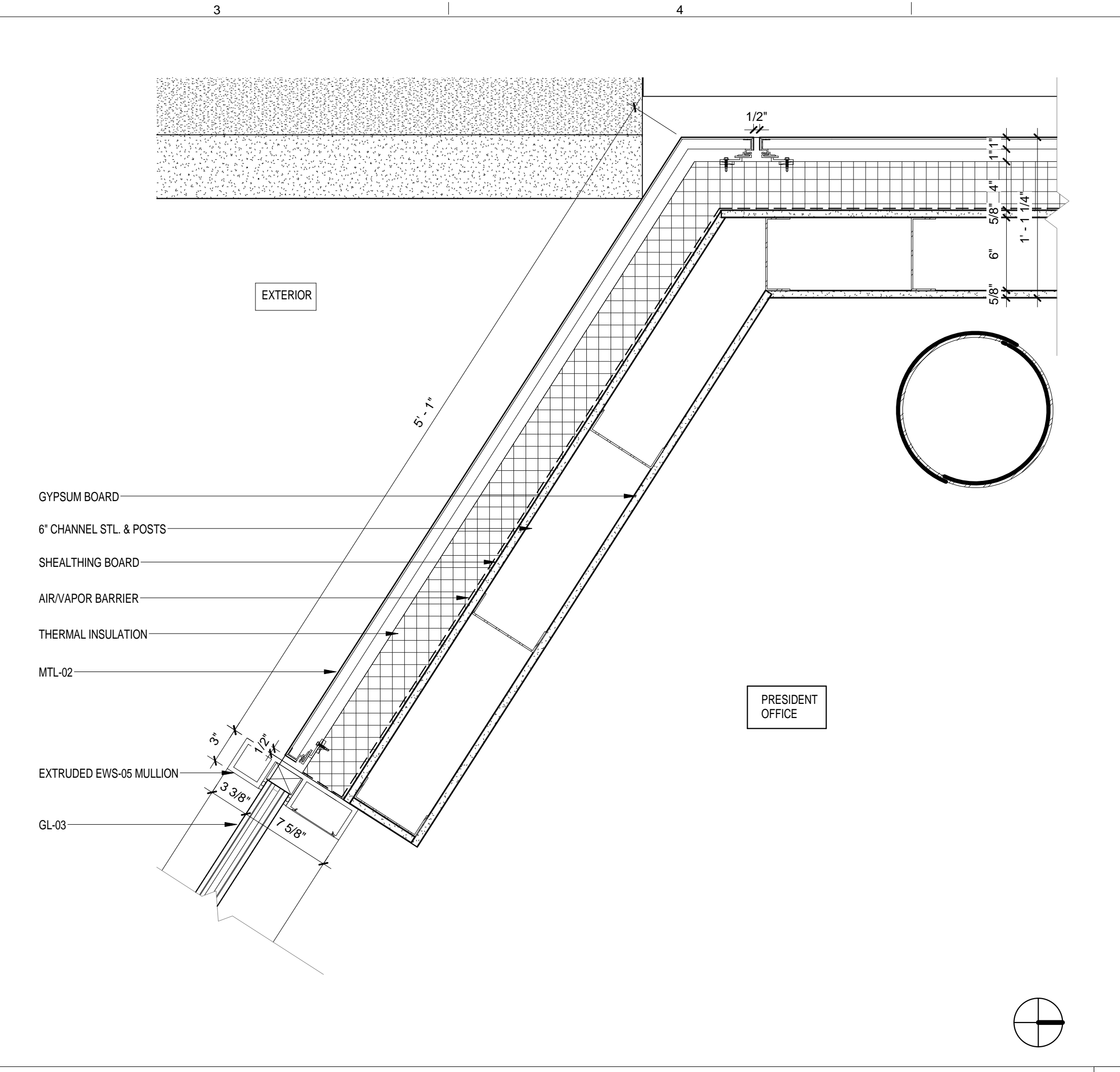
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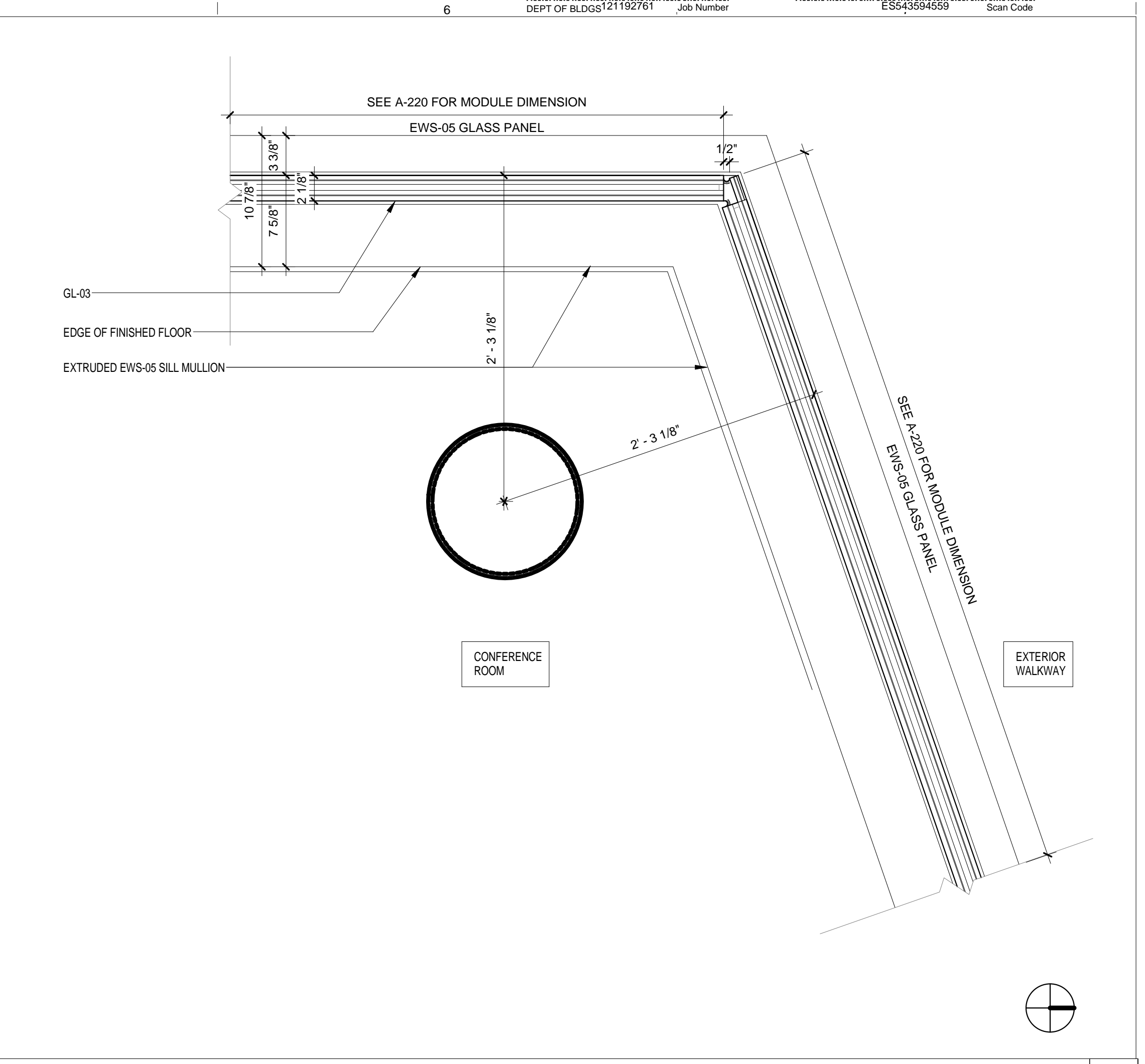
DRAWING SCALE
1 1/2" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

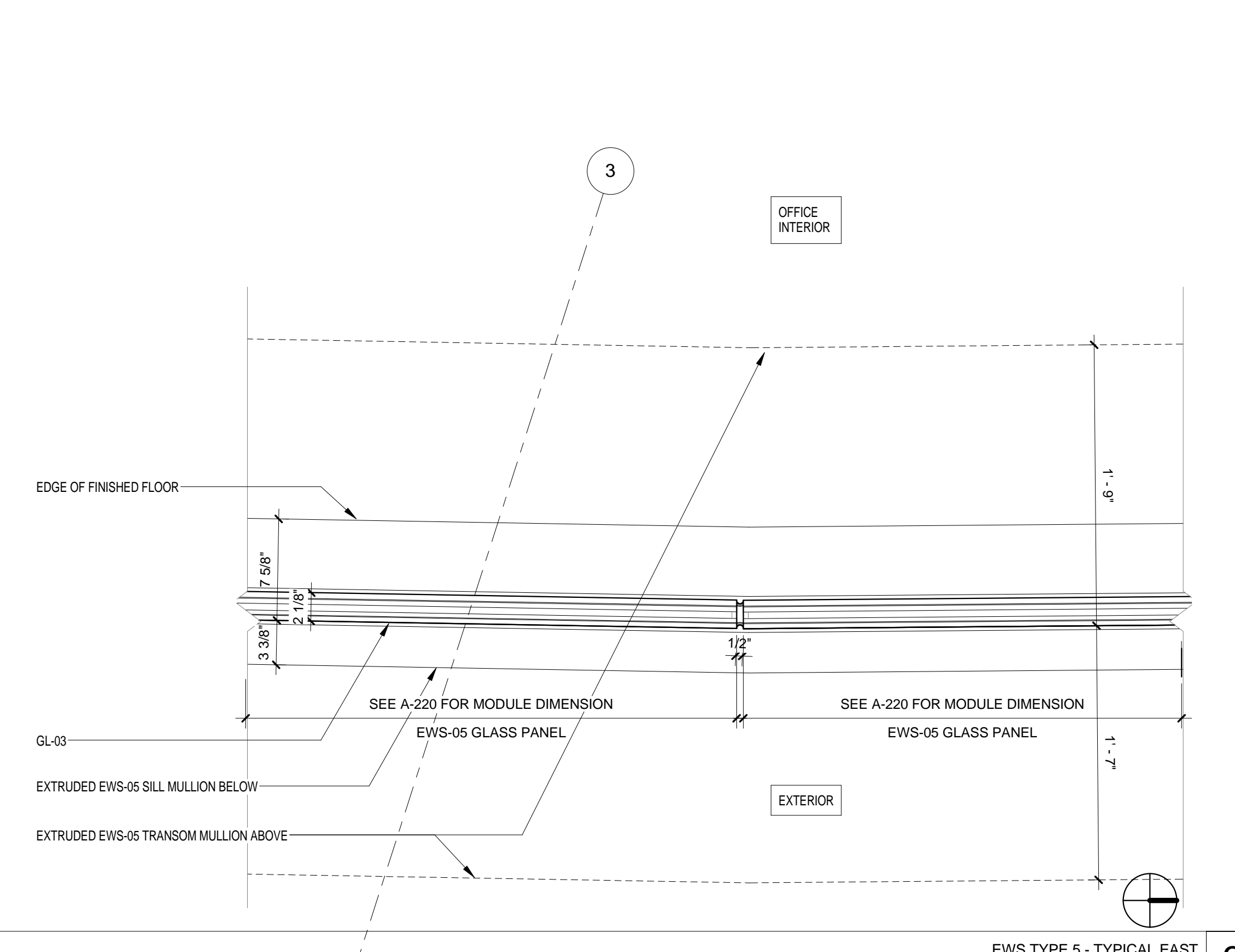
Sheet 202 of 315



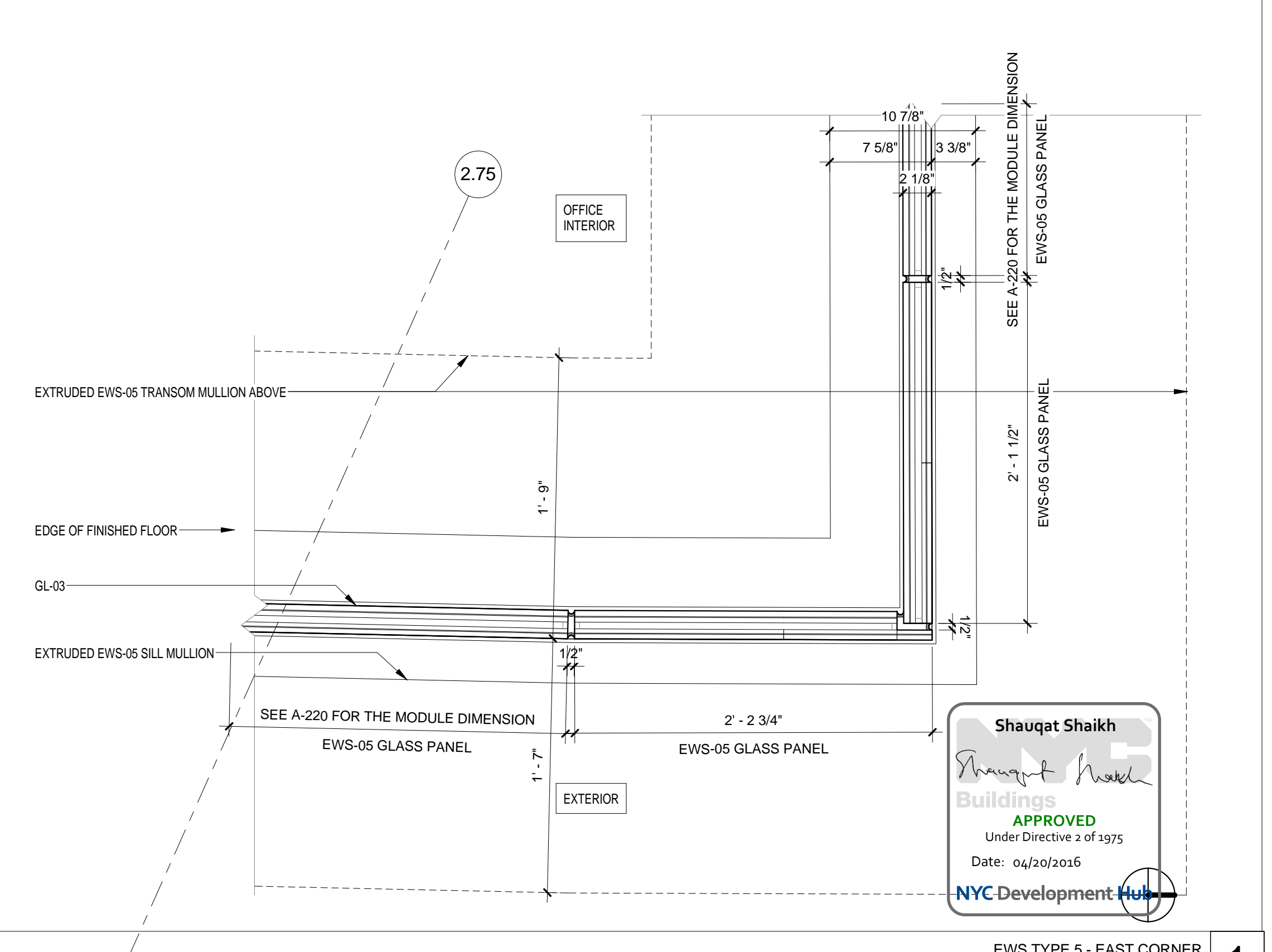
EWS TYPE 5 - SOUTH WEST CORNER
SCALE: 1 1/2" = 1'-0" 4



EWS TYPE 5 - NORTH WEST CORNER
SCALE: 1 1/2" = 1'-0" 2



EWS TYPE 5 - TYPICAL EAST
SCALE: 1 1/2" = 1'-0" 3



EWS TYPE 5 - EAST CORNER
SCALE: 1 1/2" = 1'-0" 1

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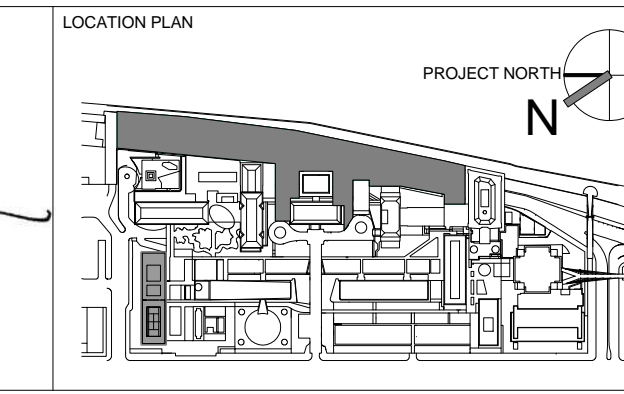
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

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BARD, RAO + ATHANAS
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
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NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
DORIS L. BAUMANN
No. 015267
STATE OF NEW YORK



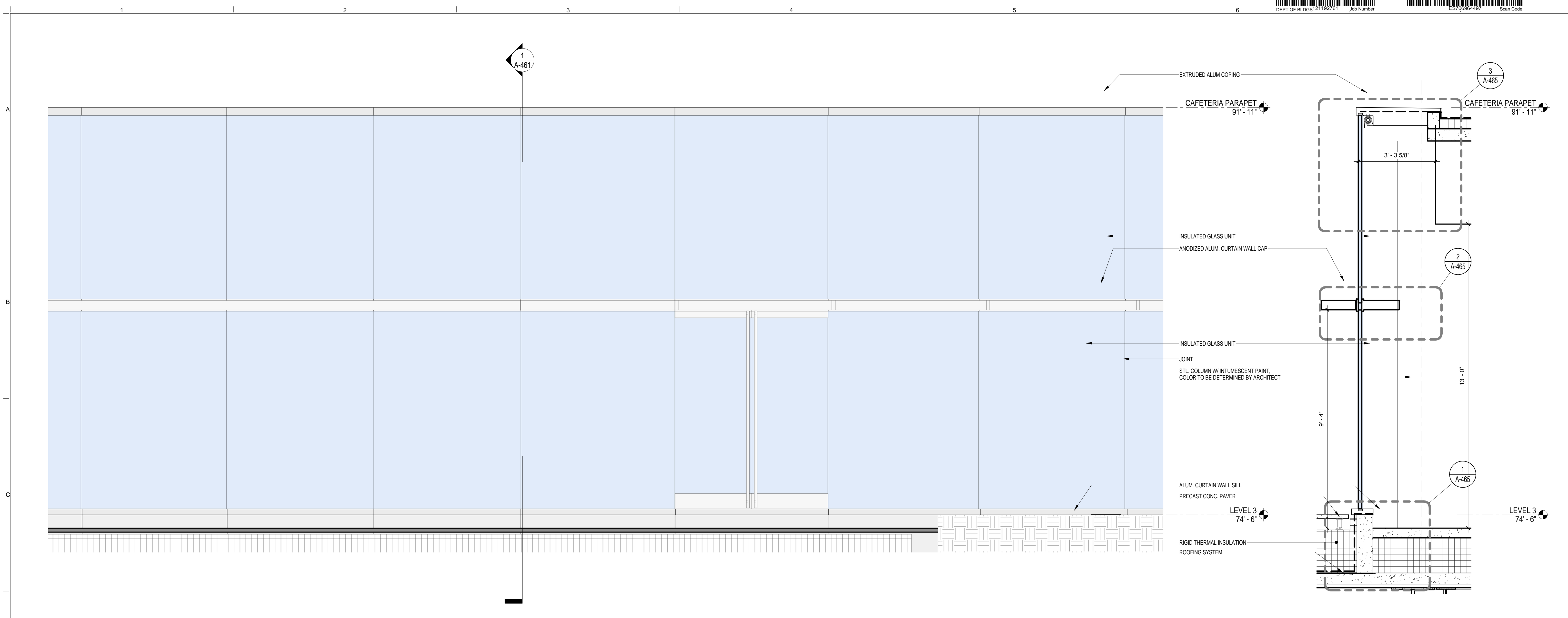
REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	DOB SUBMISSION - RB	16-DEC-15	664.100

EXTERIOR WALL SYSTEM TYPE 5 - PLAN DETAILS

DRAWING SIZE: 24" x 36"
DRAWING SCALE: 1 1/2" = 1'-0"

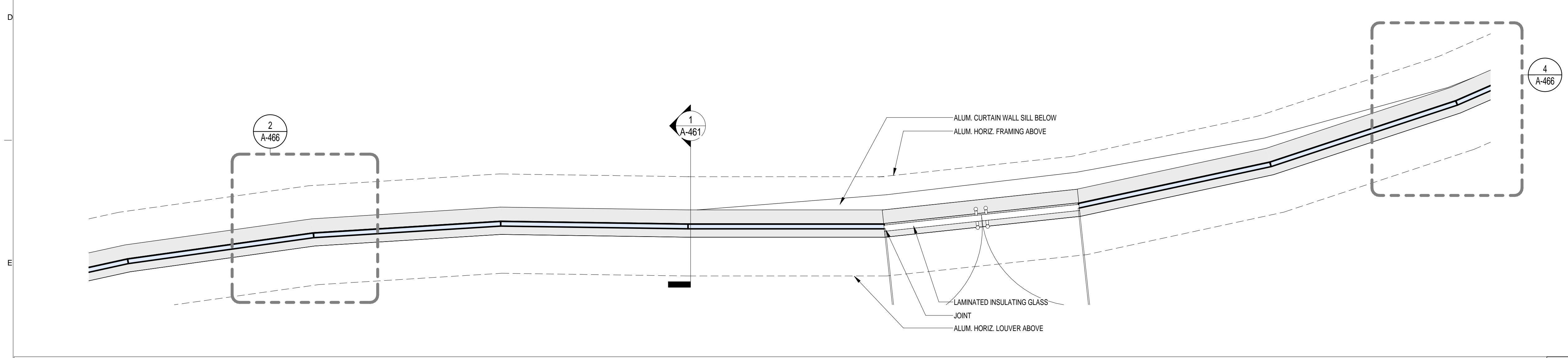
PROJECT PHASE: CONSTRUCTION DOCUMENTS

DRAWING NUMBER: **A-457.00**
Sheet 203 of 315



EWS TYPE 6
SCALE: 1/2" = 1'-0" 2

EWS TYPE 6
SCALE: 1/2" = 1'-0" 1



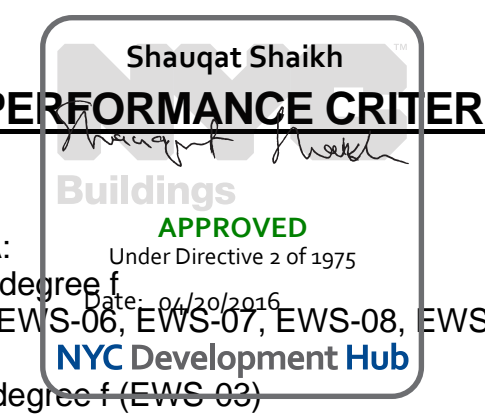
EWS TYPE 6
SCALE: 1/2" = 1'-0" 3

BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE U VALUE:
 • FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.4 Btu/sq. ft. x h x degree f (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
 • FULL SPANDREL PANEL: NO GRATER THAN 0.2 Btu/sq.ft. x h x degree f (EWS-03)
 SHGC: FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.35



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>
<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>

ARCHITECT / ENGINEER SEAL

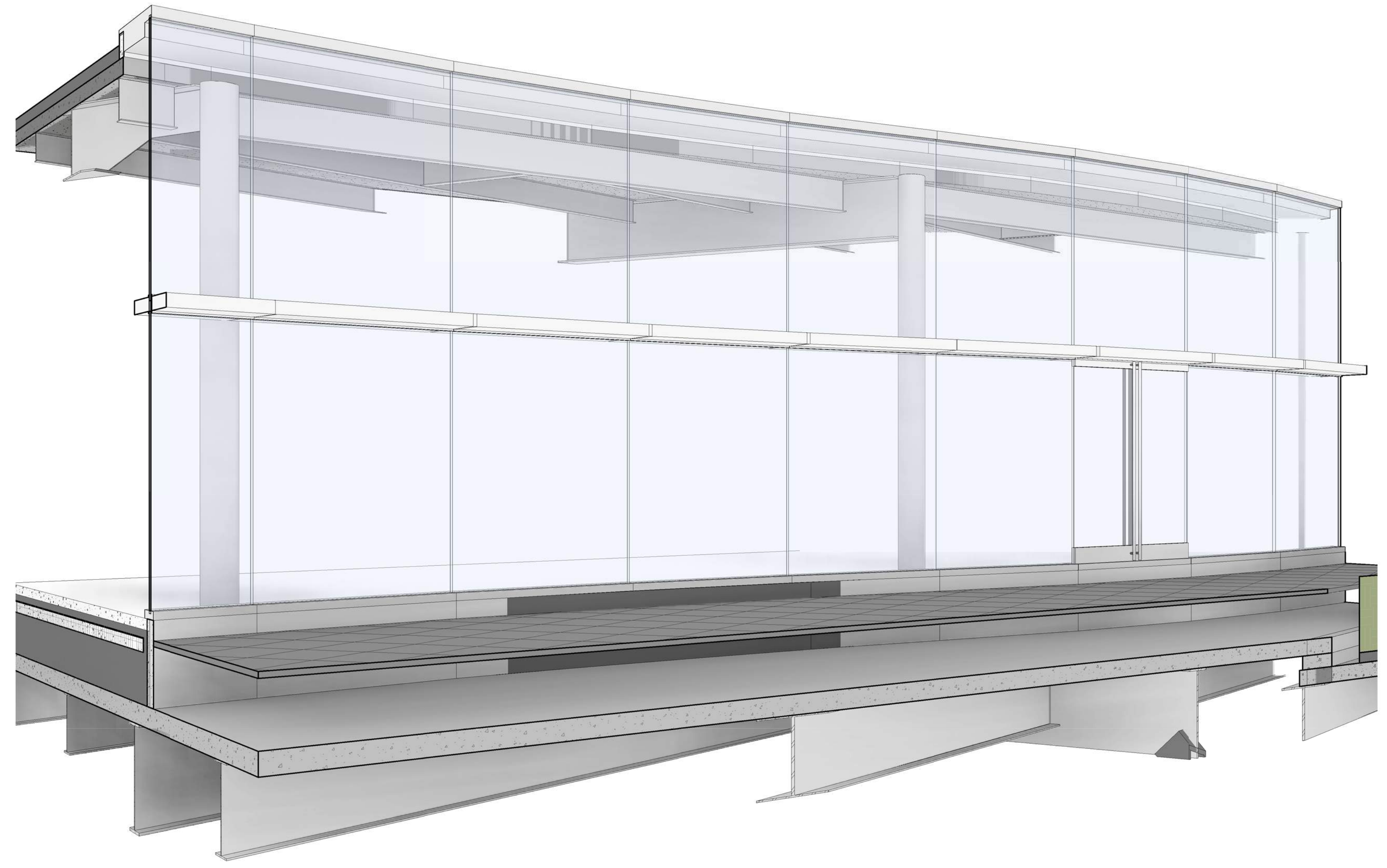
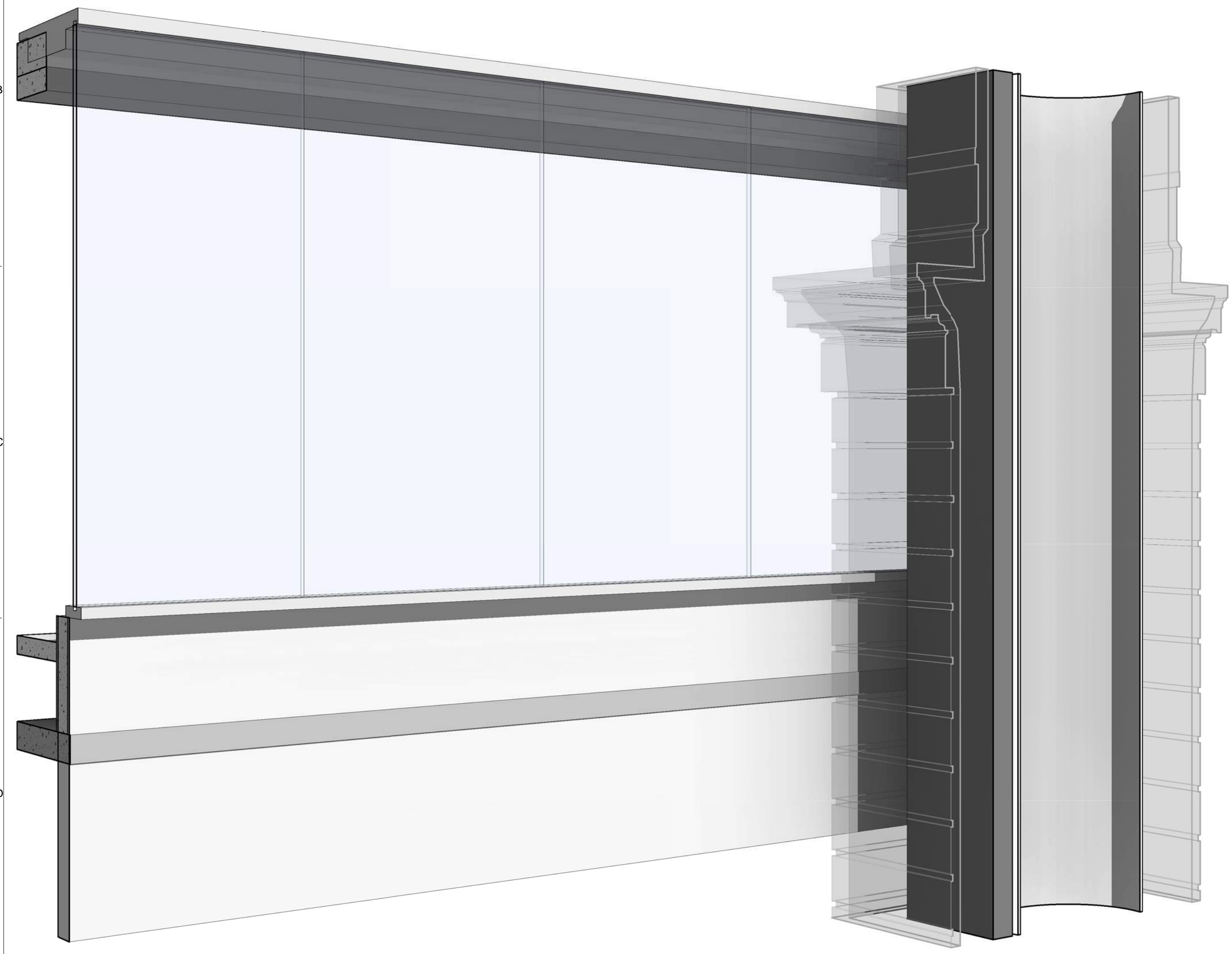
LOCATION PLAN

REV	DESCRIPTION	DATE
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
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ARCHITECTS PROJECT NUMBER: 664.100
 DRAWING SIZE: 24" x 36"
 DRAWING SCALE: As indicated
 PROJECT PHASE: CONSTRUCTION DOCUMENTS

DRAWING TITLE: **EXTERIOR WALL SYSTEM TYPE 6 - SOUTH PAVILION PLAN, ELEV & SECTION**

DRAWING NUMBER: **A-461.00**
 SHEET 204 OF 315



EXTERIOR WALL SYSTEMS TYPE 6 - PERSPECTIVE
SCALE: 2

EXS TYPE 6
SCALE: 1

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50 VANDAM STREET
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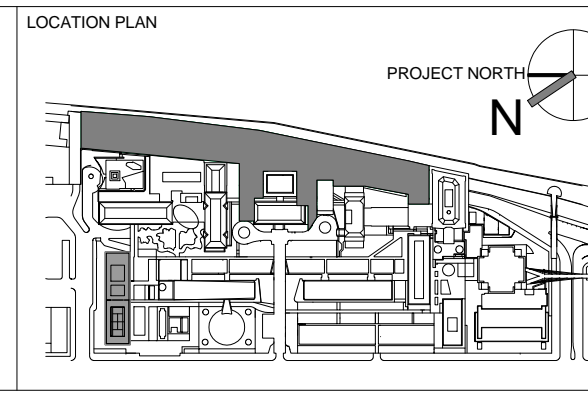
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NEWARK, NJ 07102
T. 973.286.6100

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BARD, RAO + ATHANAS
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T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

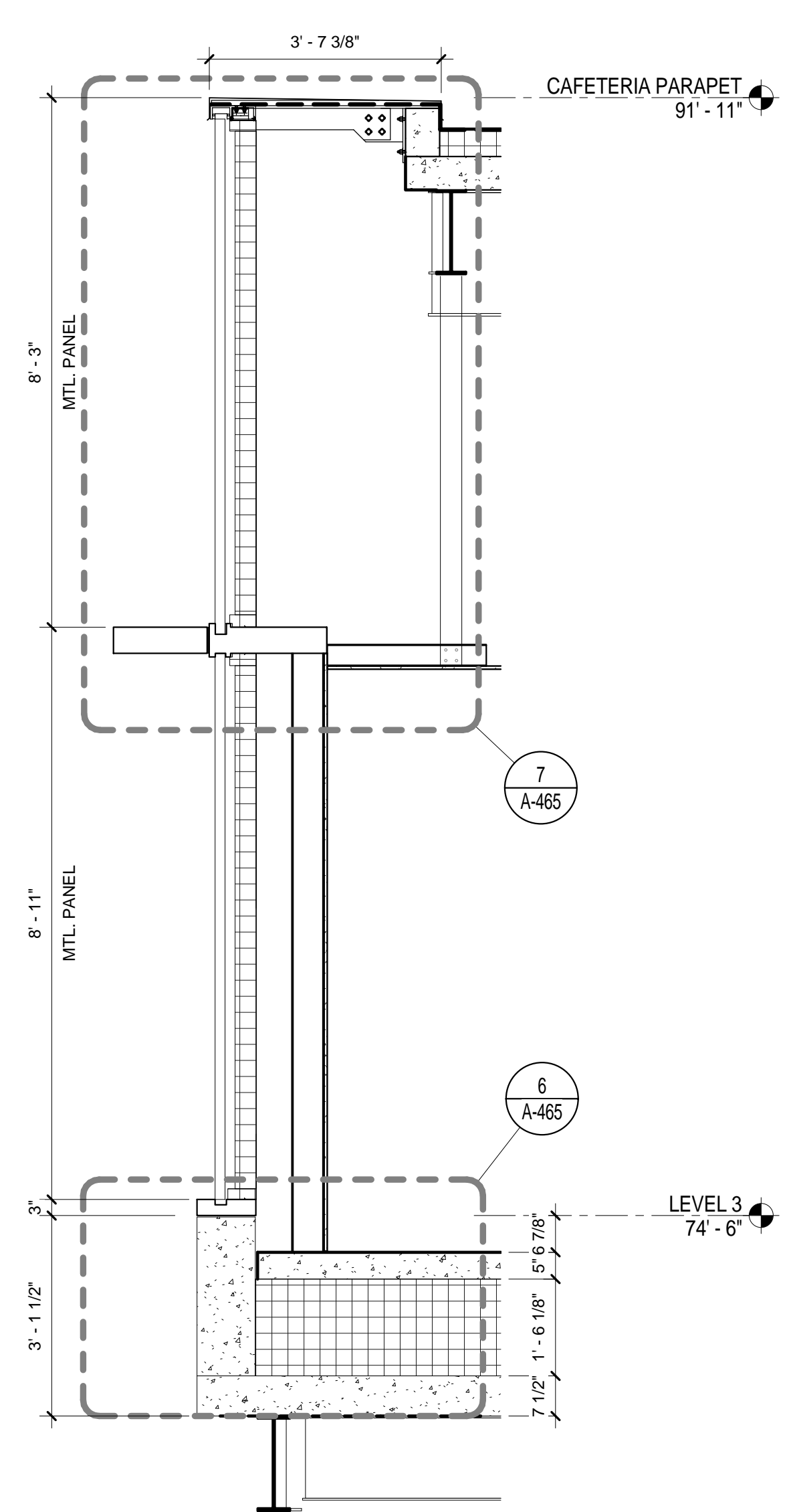
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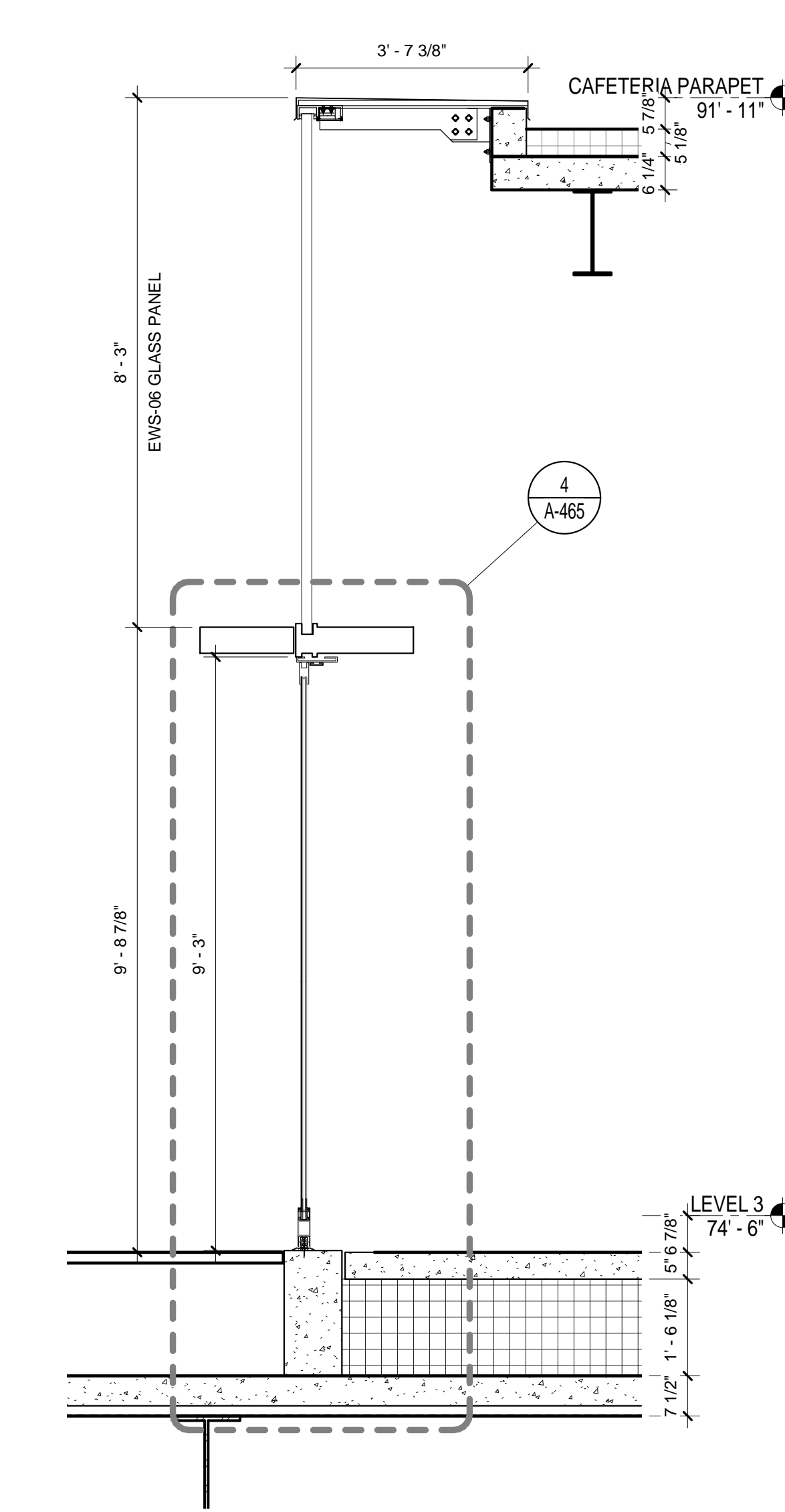
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1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE
4	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 6 - PERSPECTIVE VIEW

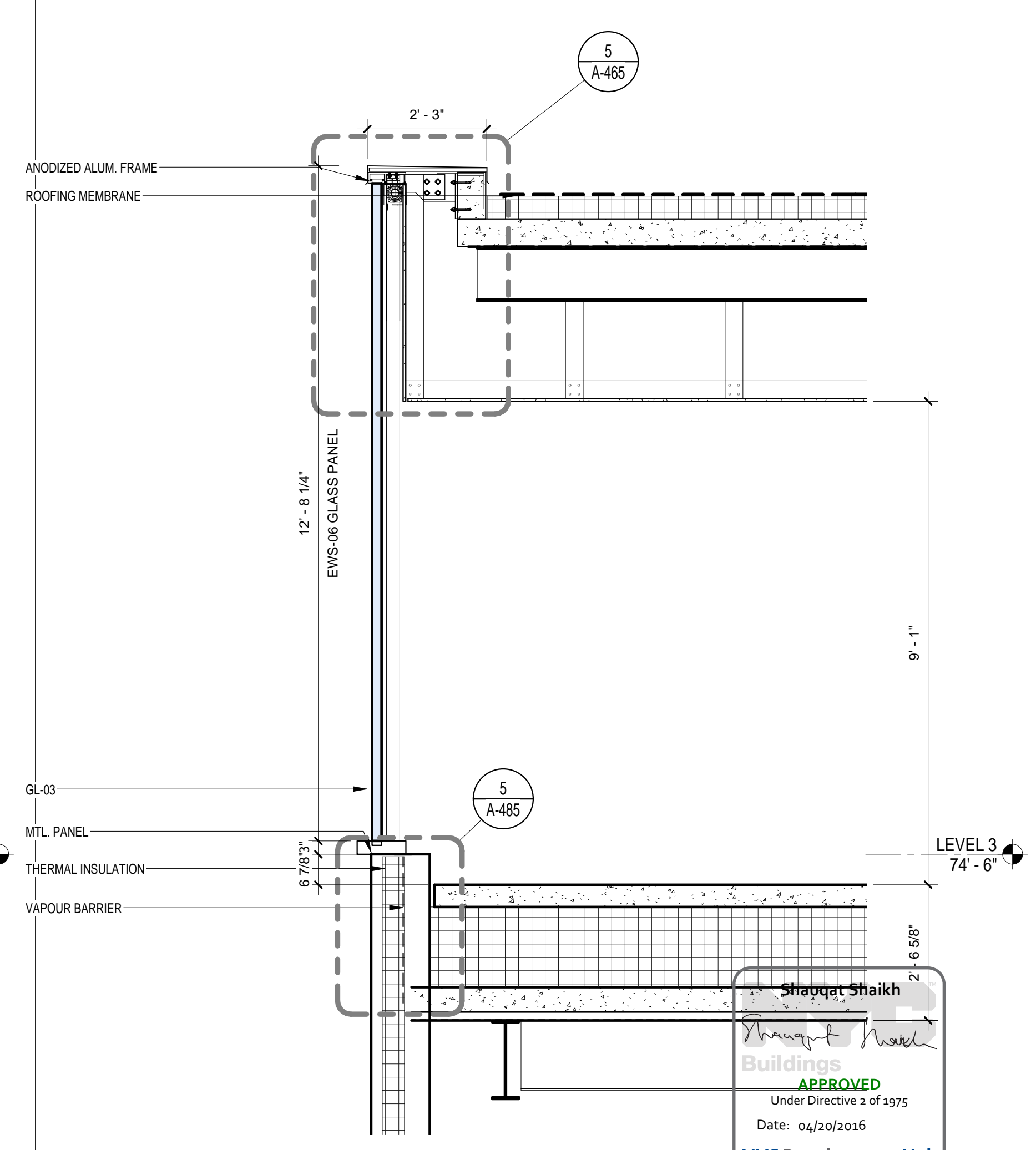
DRAWING NUMBER
A-462.00
Sheet 205 of 315



EWS TYPE 6 - SOUTH WEST
SCALE: 1/2" = 1'-0" 2



EWS TYPE 6 - DOUBLE GLASS DOOR SECTION
SCALE: 1/2" = 1'-0" 3



ALT. EWS TYPE 6
SCALE: 1/2" = 1'-0" 1

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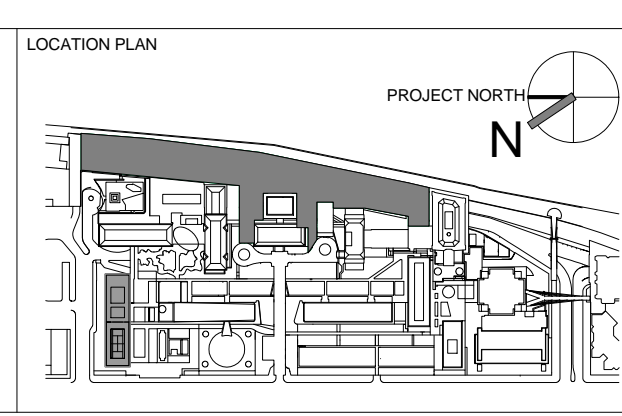
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ARCHITECT / ENGINEER SEAL

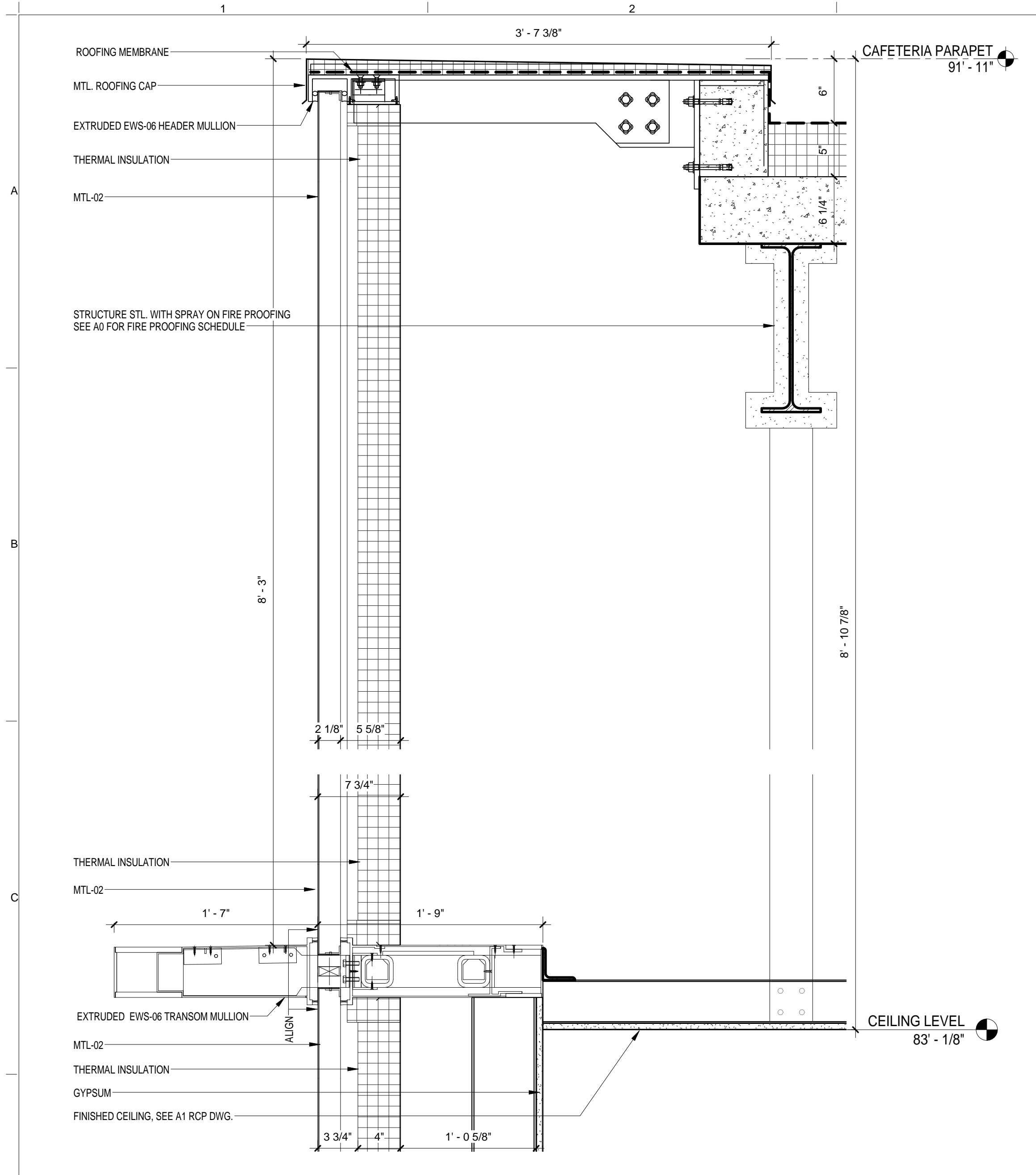


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2	DOB SUBMISSION - RB	16-DEC-15		
			DRAWING SIZE	
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			DRAWING SCALE	
			1/2" = 1'-0"	
			PROJECT PHASE	
			CONSTRUCTION DOCUMENTS	

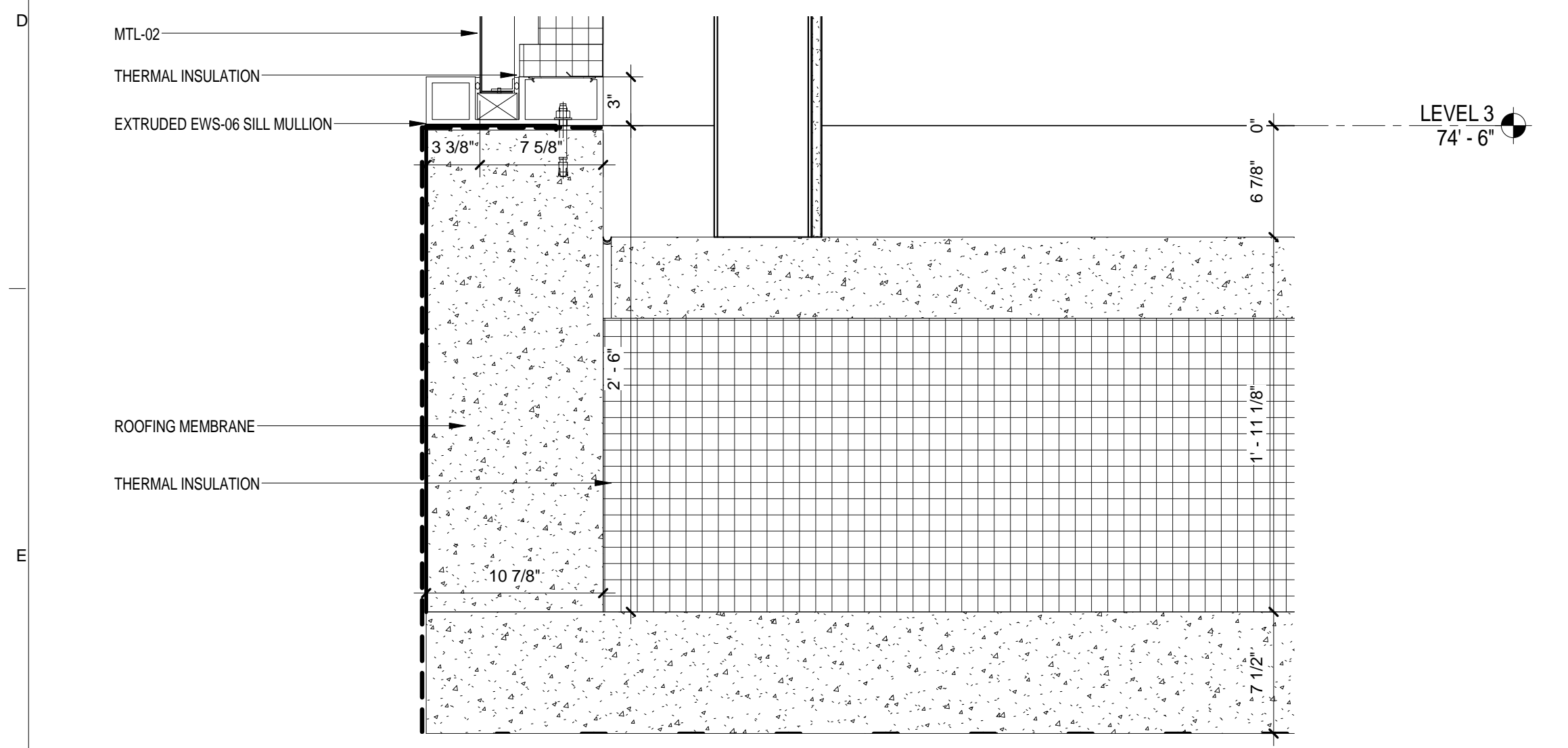
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Sheet 206 of 315

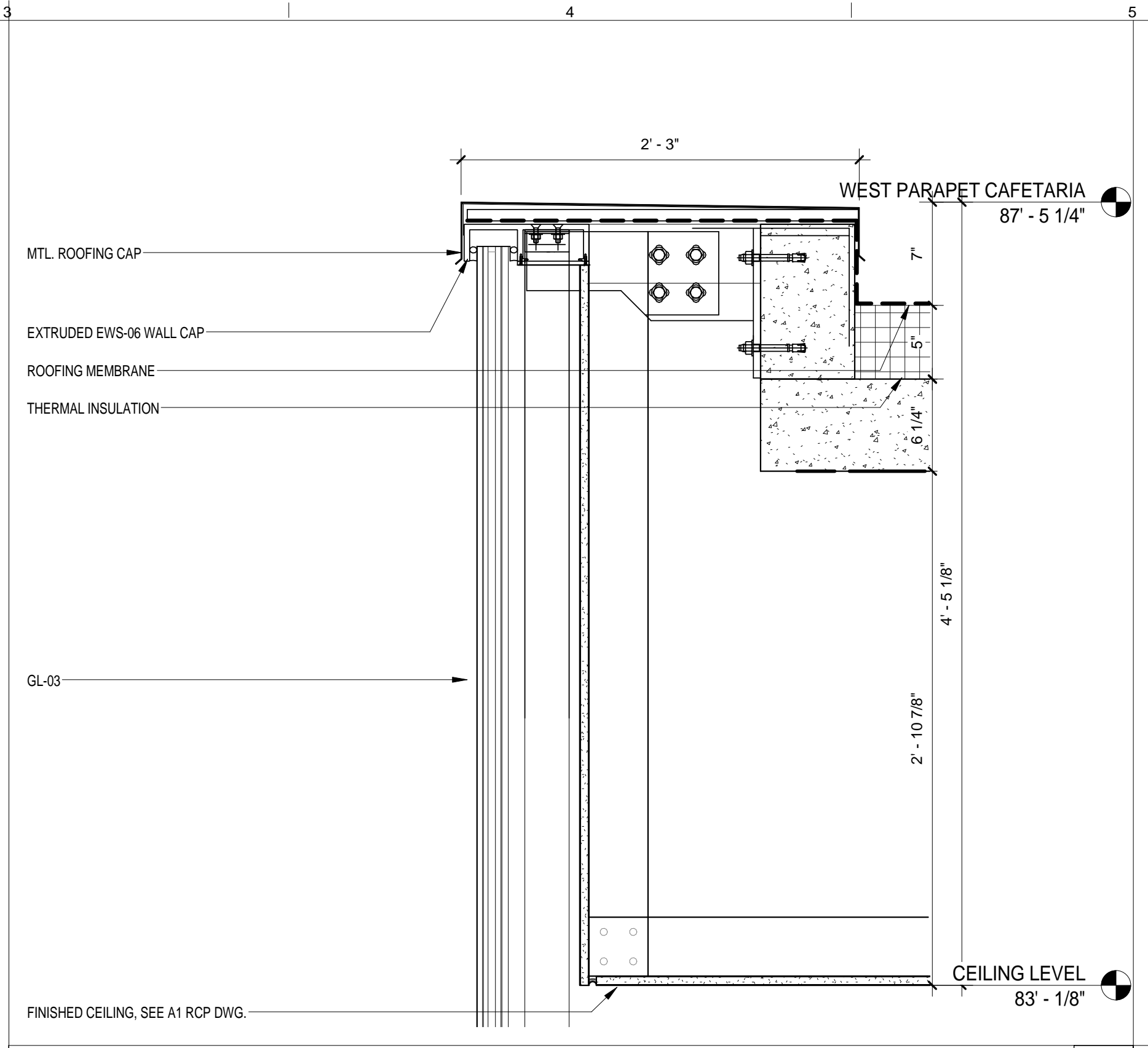
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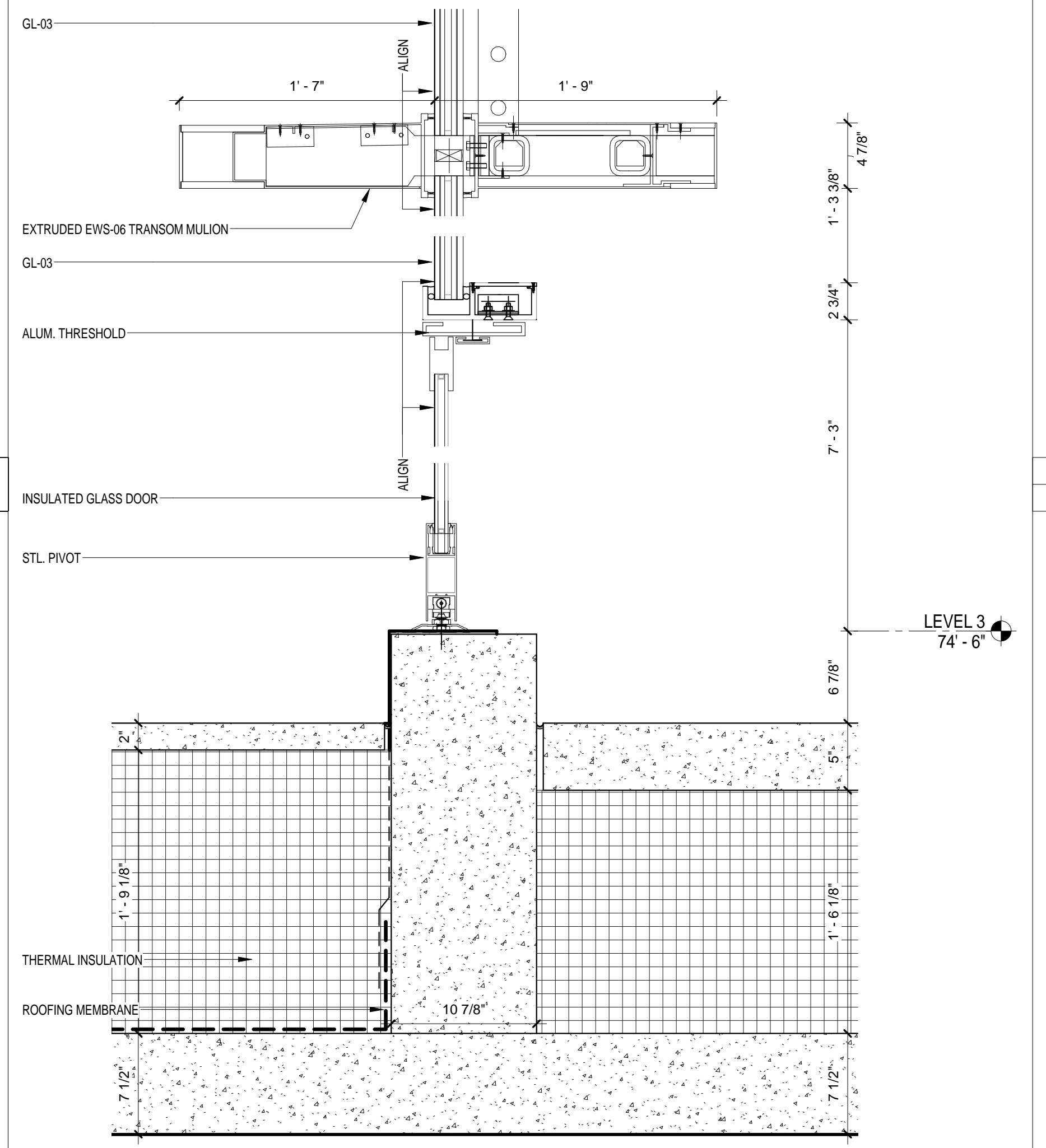
EWS TYPE 6 - METAL PANEL DETAIL @ SOUTH WEST
SCALE: 1 1/2" = 1'-0" 7



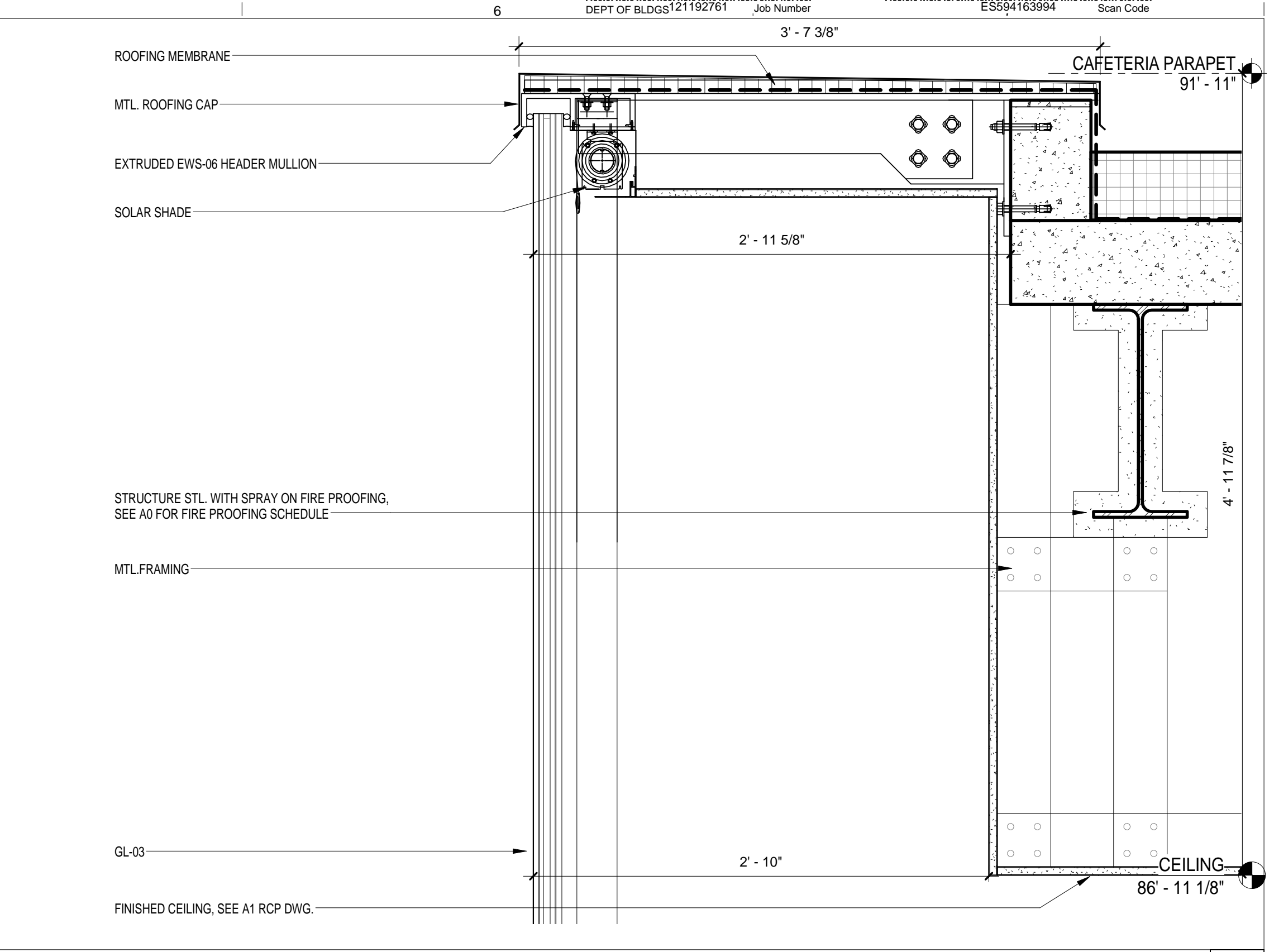
EWS TYPE 6 - SILL DETAIL @ SOUTH WEST CORNER
SCALE: 1 1/2" = 1'-0" 6



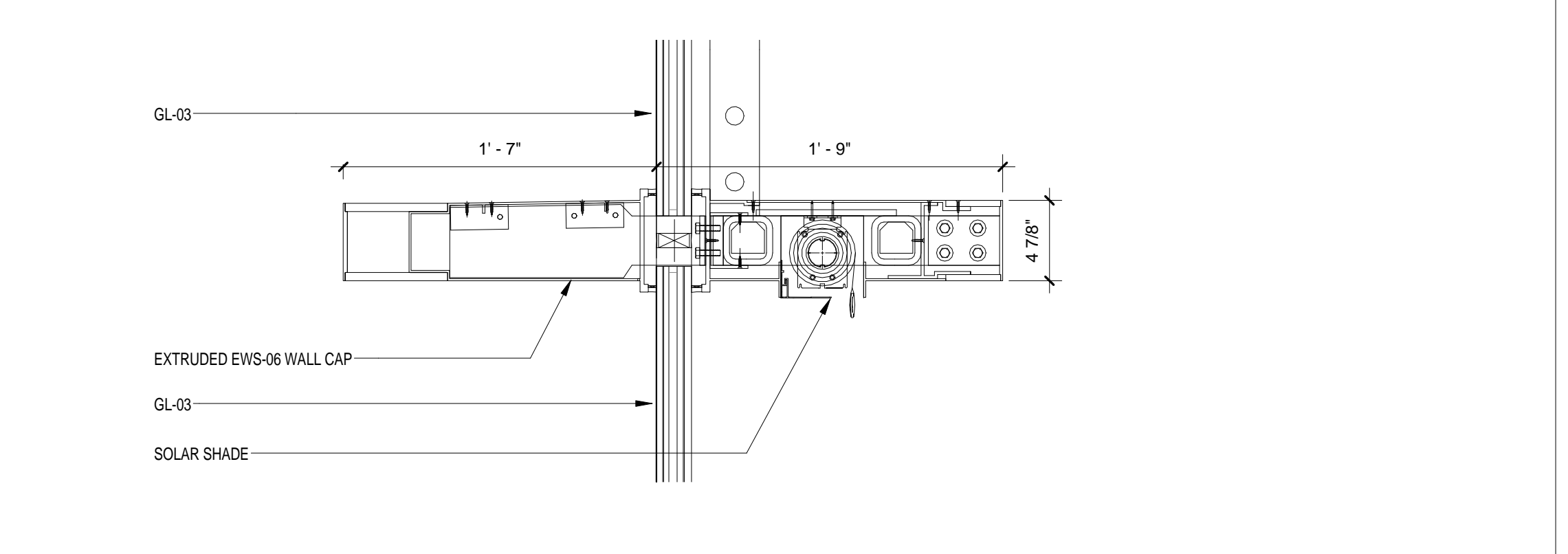
EWS TYPE 6 - WEST ELEVATION
SCALE: 1 1/2" = 1'-0" 5



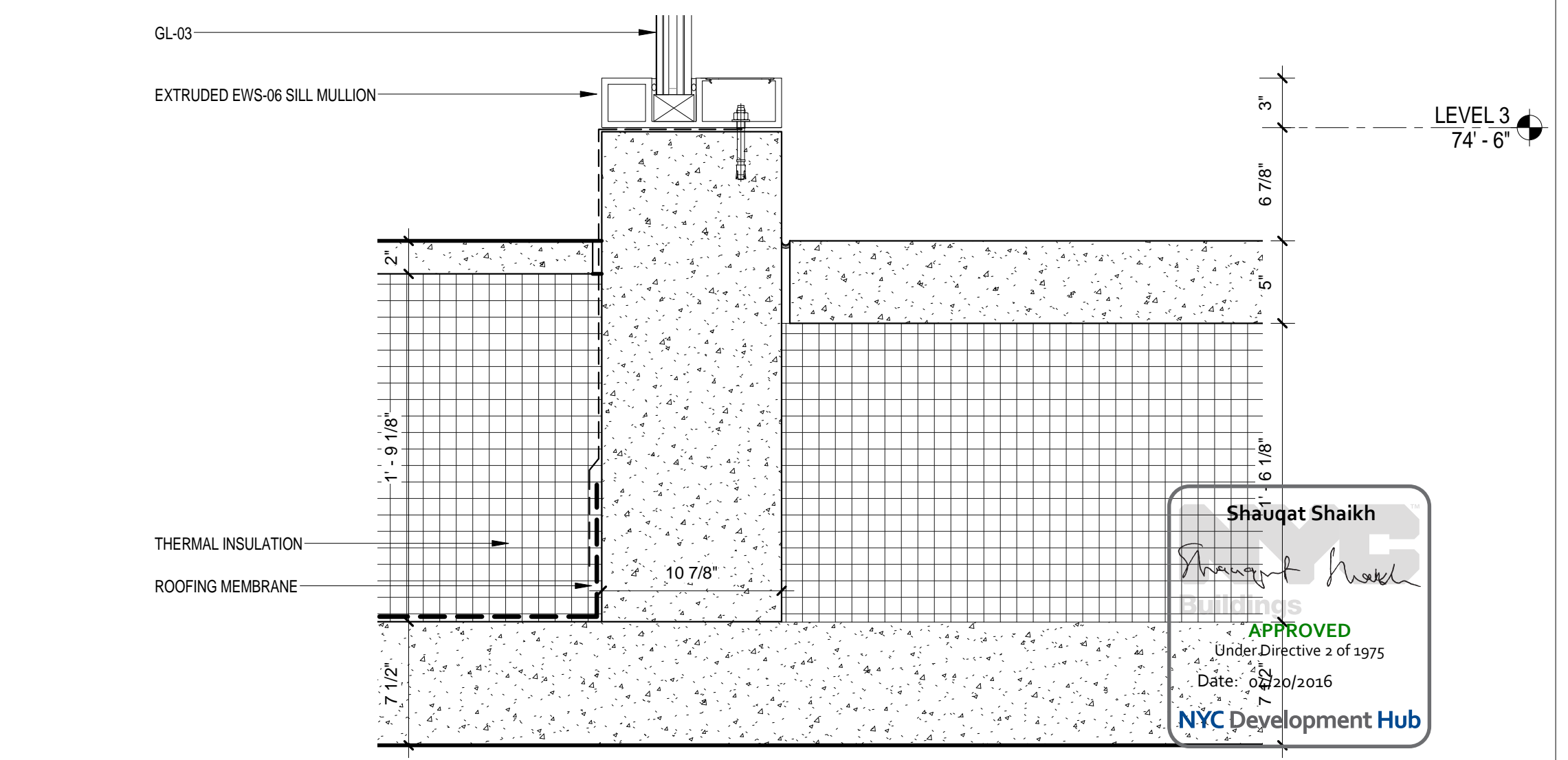
EWS TYPE 6 - HEADER GLASS DOOR
SCALE: 1 1/2" = 1'-0" 4



EWS TYPE 6 - TYP HEADER DETAIL
SCALE: 1 1/2" = 1'-0" 3



EWS TYPE 6 - MULLION
SCALE: 1 1/2" = 1'-0" 2



EWS TYPE 6 - SILL DETAIL
SCALE: 1 1/2" = 1'-0" 1

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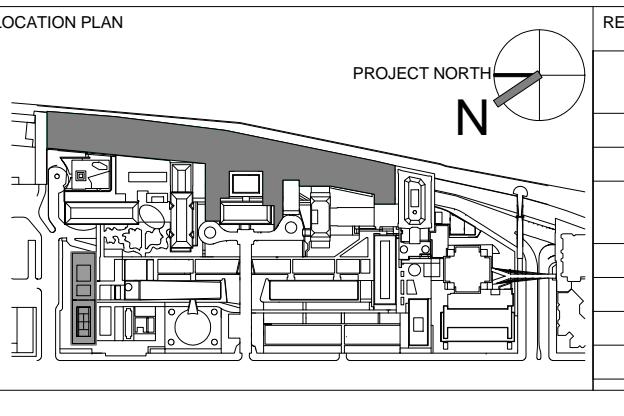
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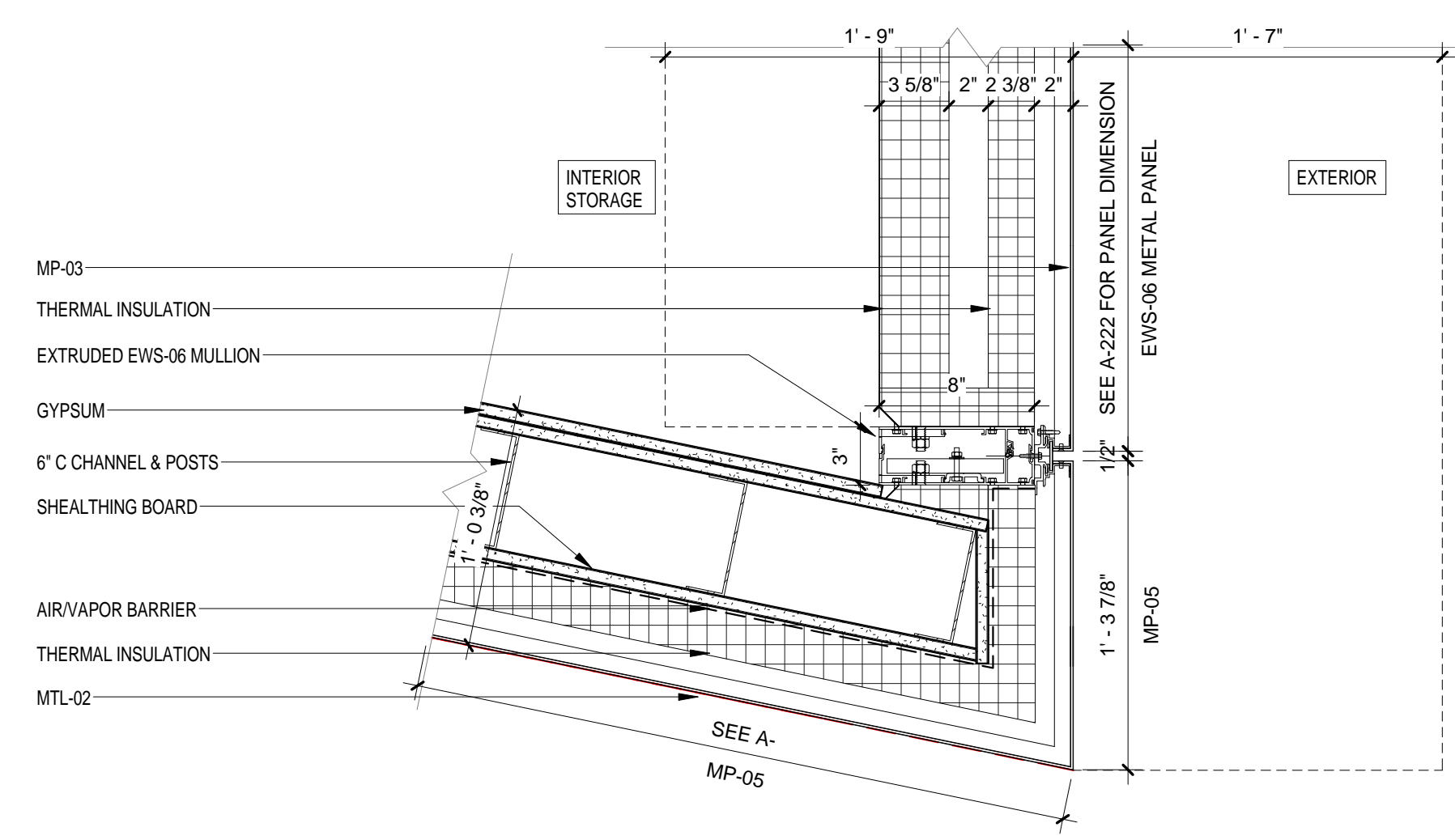
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3	PROGRESS SET	30-OCT-15	DRAWING SCALE 1 1/2" = 1'-0"
4	DOB SUBMISSION - RB	16-DEC-15	PROJECT PHASE CONSTRUCTION DOCUMENTS

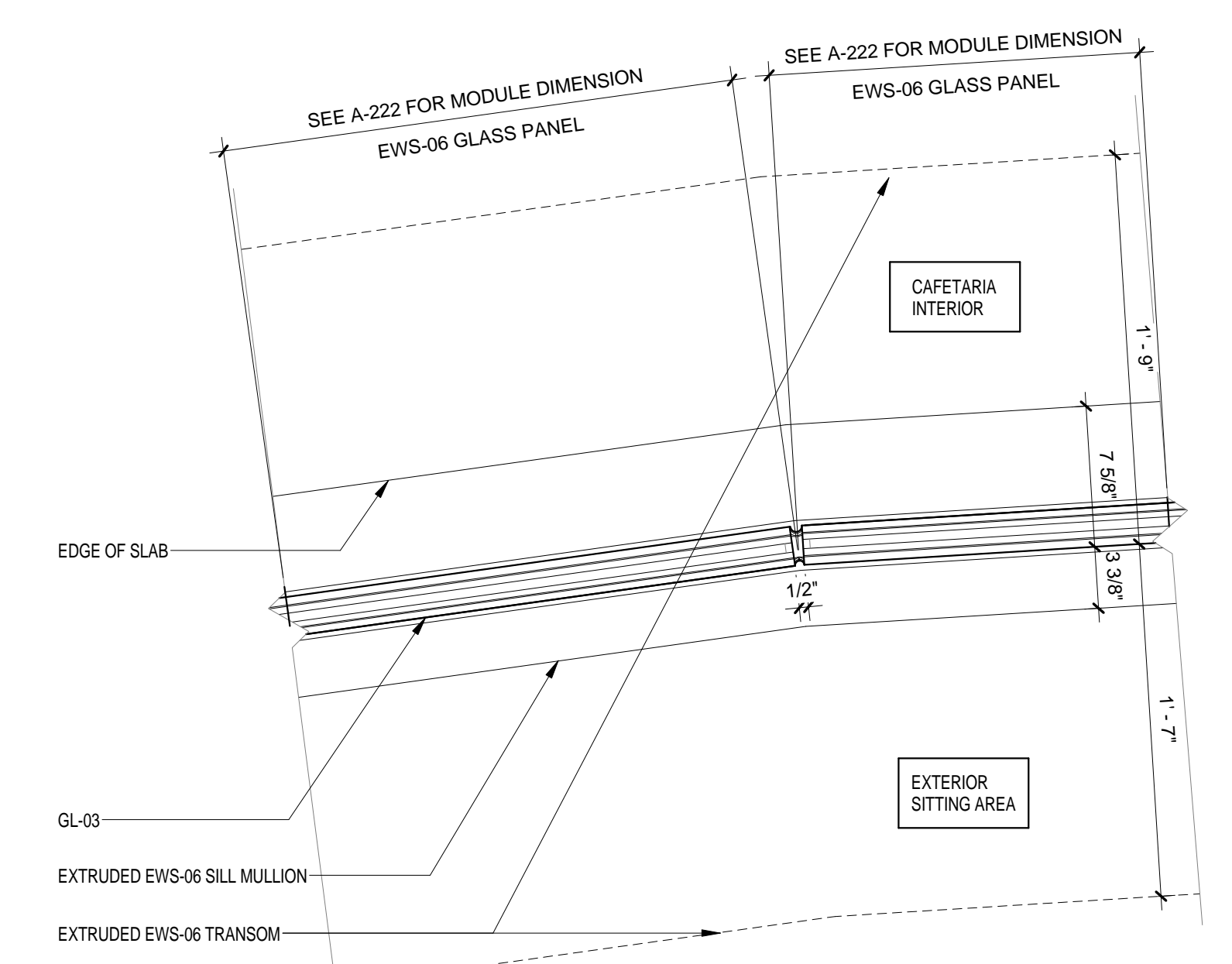
EXTERIOR WALL SYSTEM TYPE 6 - DETAILS

DRAWING NUMBER: **A-465.00**
Sheet 207 of 315



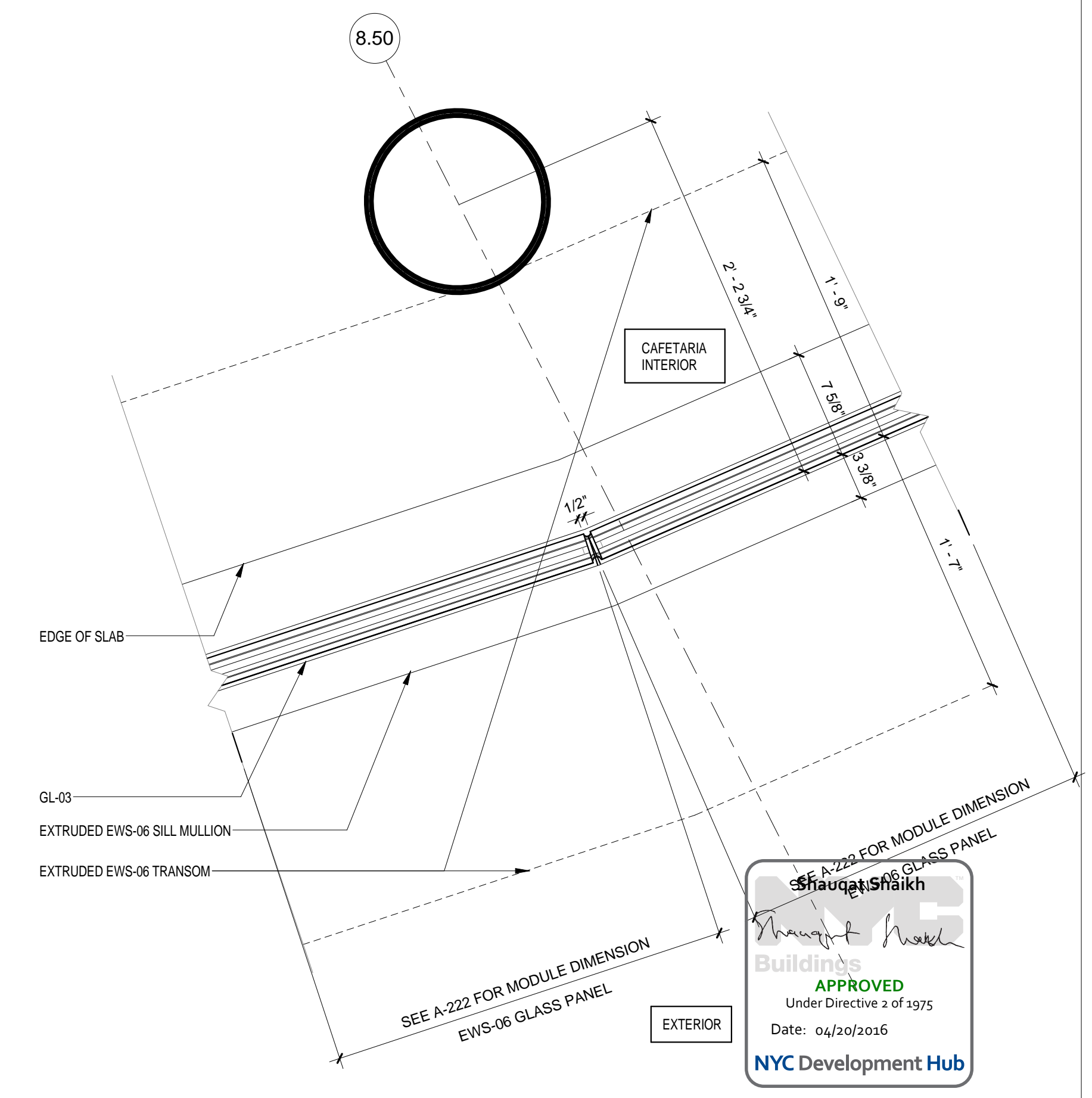
EWS TYPE 6 - CORNER SW
SCALE: 1 1/2" = 1'-0"

5



EWS TYPE 6 - Callout 1
SCALE: 1 1/2" = 1'-0"

2



EWS TYPE 6 - Callout 2
SCALE: 1 1/2" = 1'-0"

1

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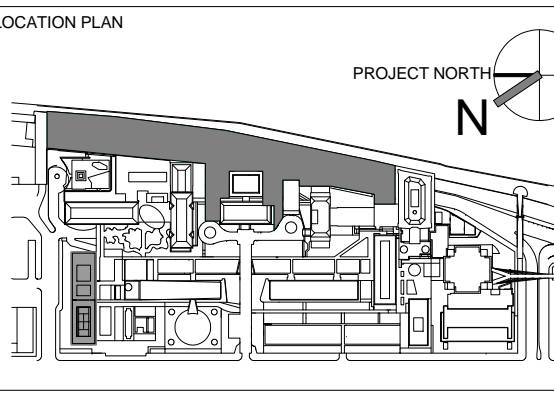
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2	DOB SUBMISSION - RB	16-DEC-15

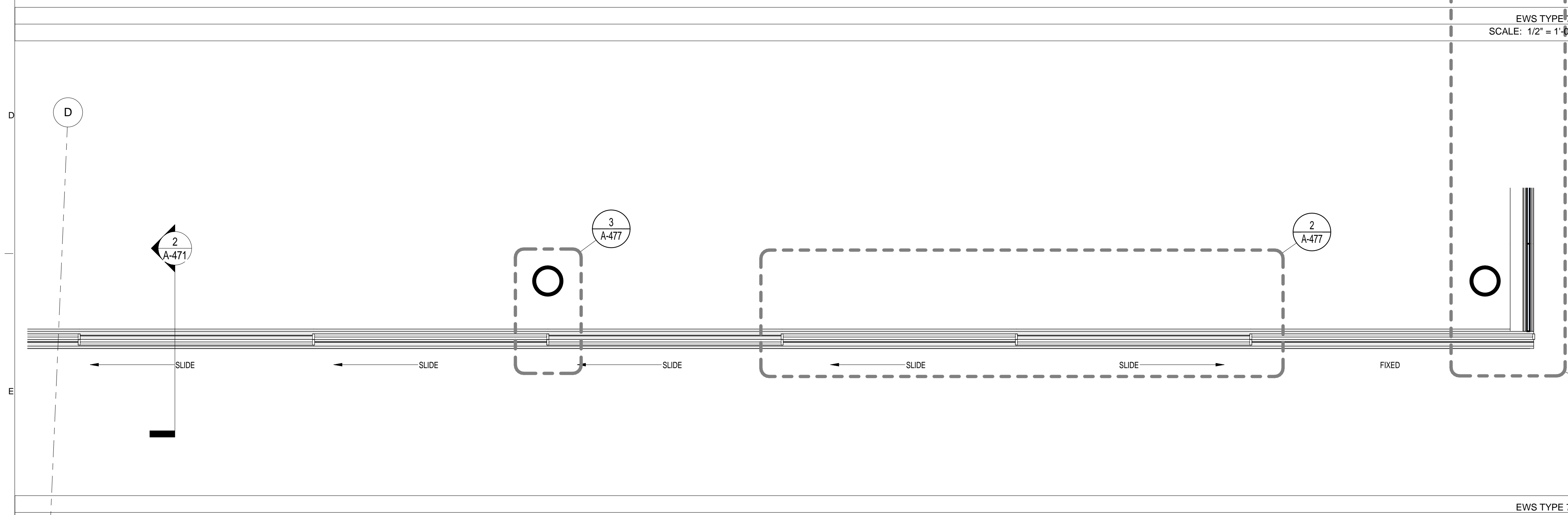
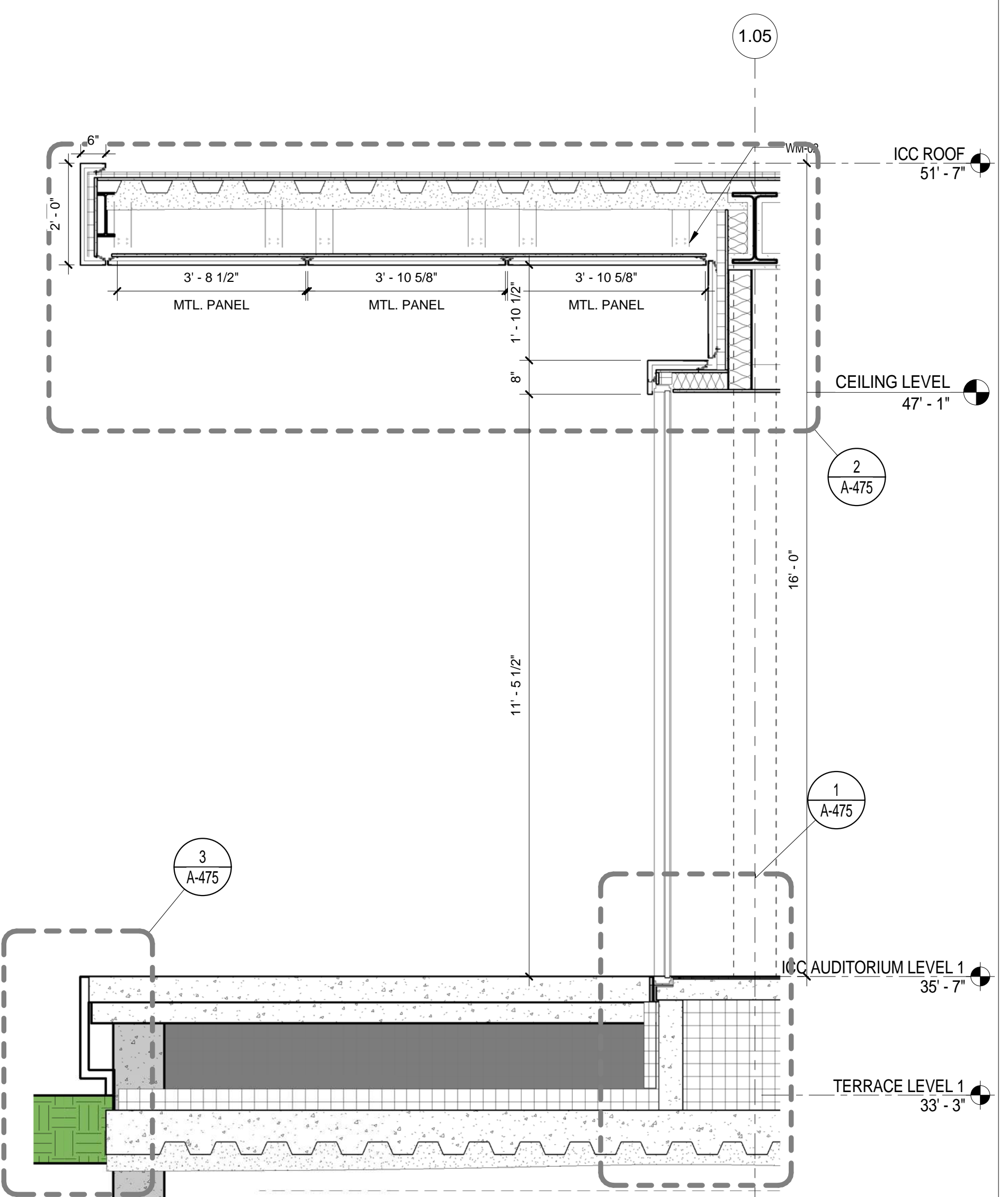
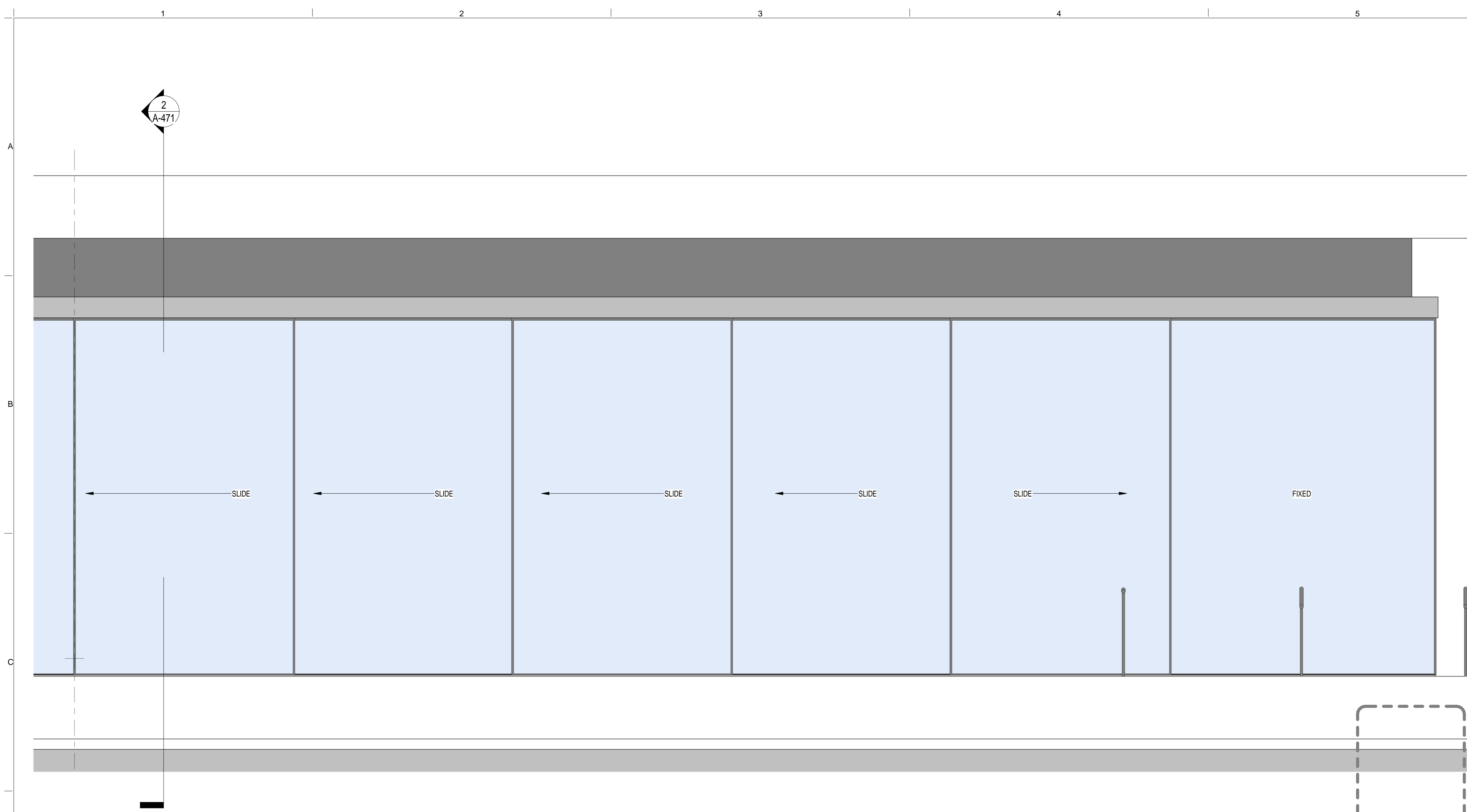
ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
24" x 36"
DRAWING SCALE
1 1/2" = 1'-0"

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 6 - PLAN DETAILS

DRAWING NUMBER
A-466.00

Sheet 208 of 315

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Date: 04/30/2016
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EWS TYPE 7
SCALE: 1/2" = 1'-0" 3

EWS TYPE 7
SCALE: 1/2" = 1'-0" 2

EWS TYPE 7
SCALE: 1/2" = 1'-0" 1

BUILDING ENCLOSURE GENERAL NOTES

- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
- SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
- SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE U VALUE:
 • FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.4 Btu/sq. ft. x h x degree under Directive 2 of 2015 (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
 • FULL SPANDREL PANEL: NO GRATER THAN 0.2 Btu/sq. ft. x h x degree (EWS-10)
 SHGC: FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.35

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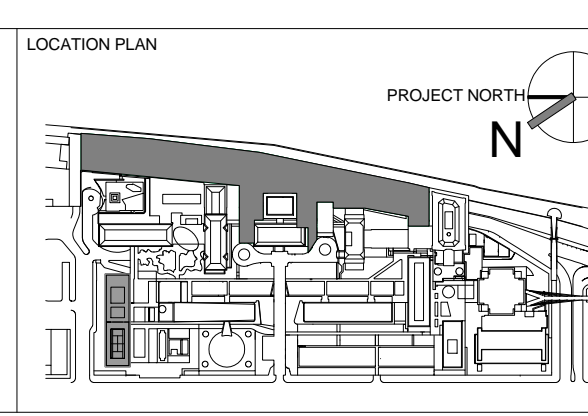
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4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

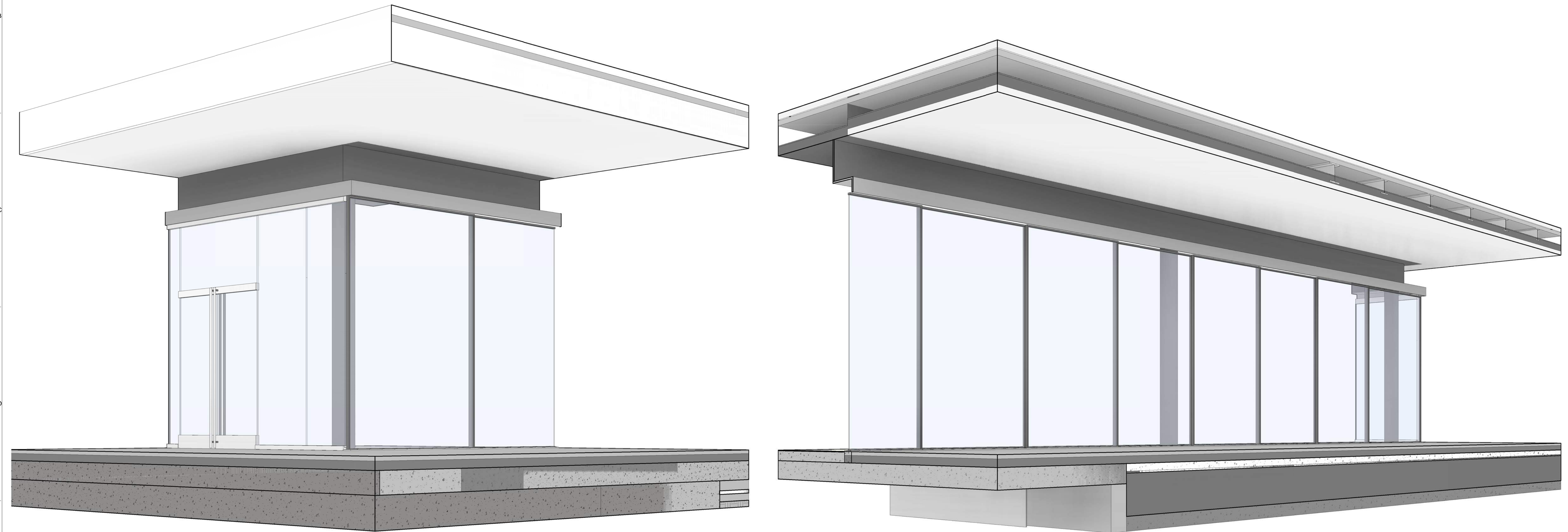
DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

EXTERIOR WALL SYSTEM TYPE 7 - ICC- PLAN, ELEV & SECTION

DRAWING NUMBER
A-471.00

Sheet 209 of 315



EWS TYPE 7 - SW CORNER
SCALE: 2

EWS TYPE 7
SCALE: 1

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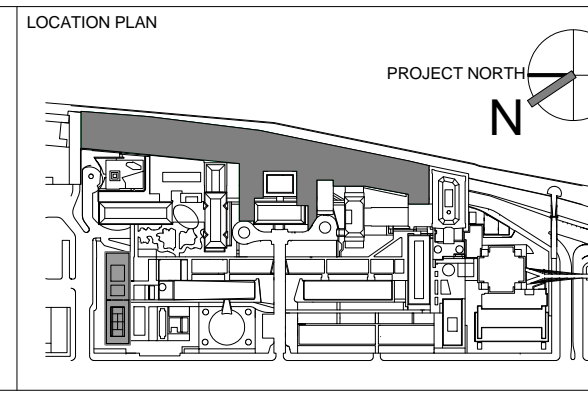
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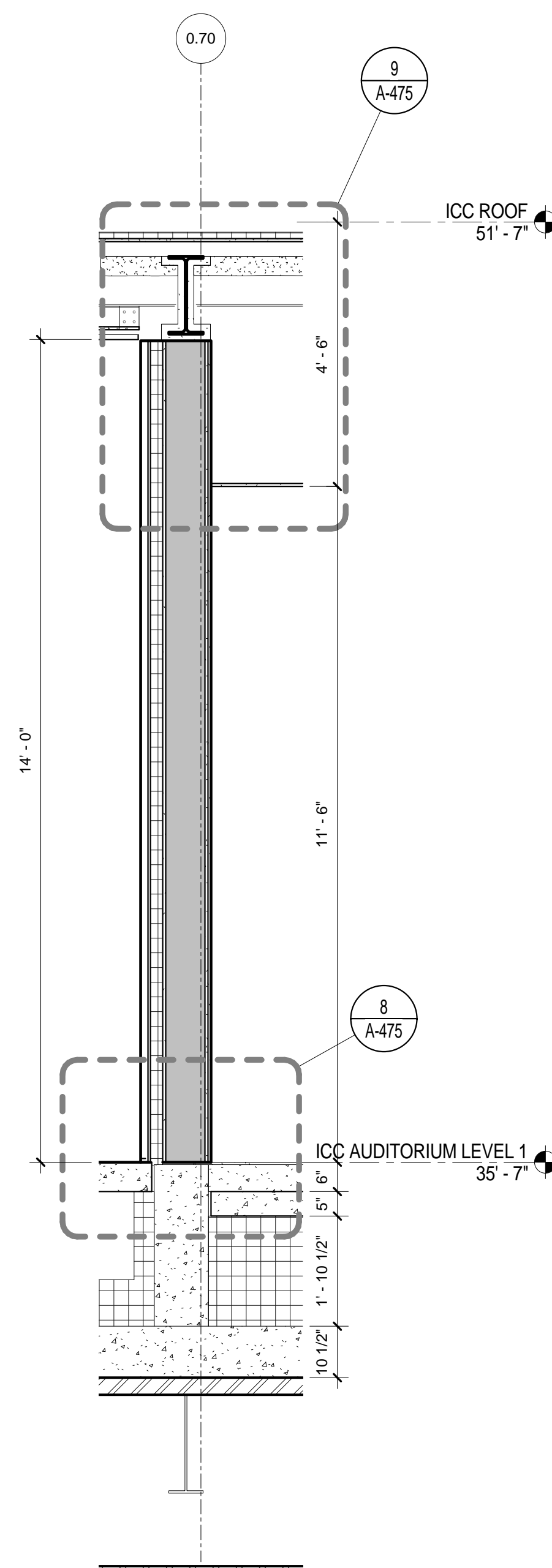
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4	DOB SUBMISSION - RB	16-DEC-15	

ARCHITECTS PROJECT NUMBER
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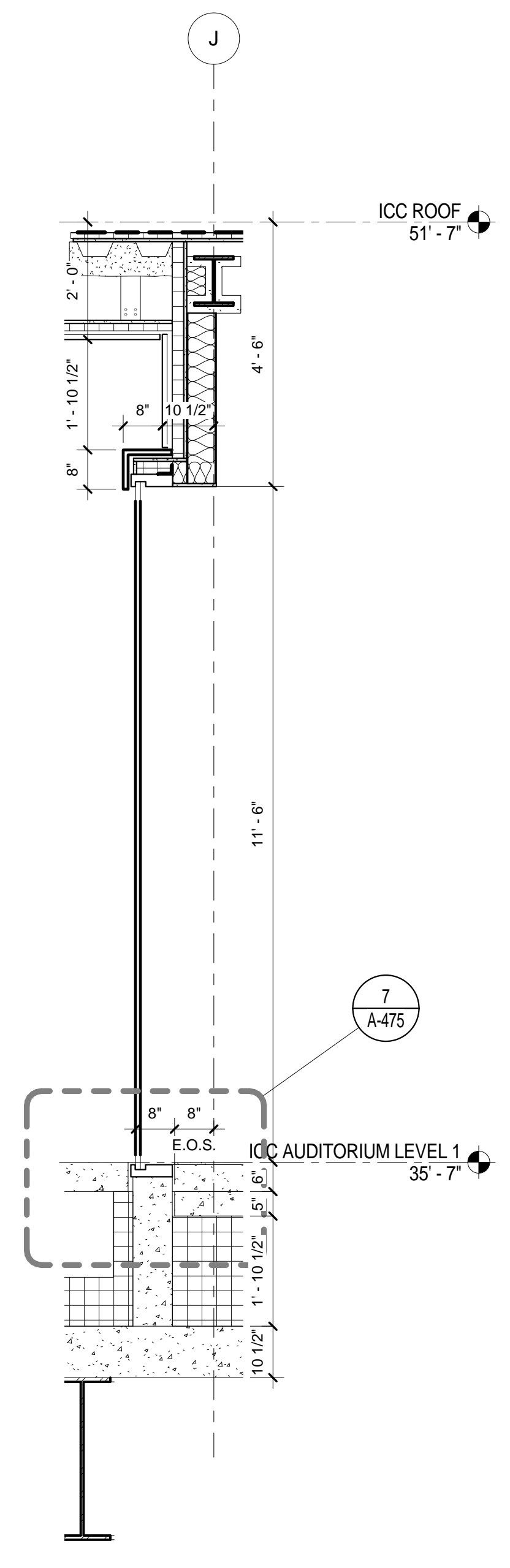
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EXTERIOR WALL SYSTEM TYPE 7 - PERSPECTIVE VIEW

DRAWING NUMBER
A-472.00

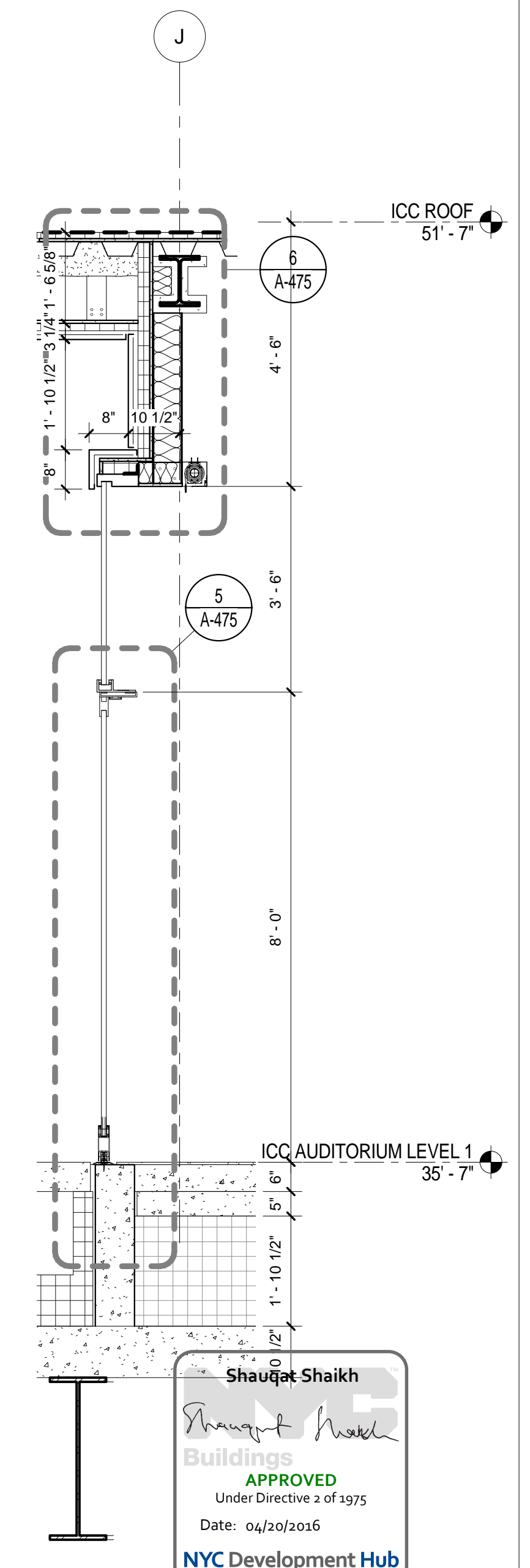
Sheet 210 of 315



EWS TYPE 7 - SOUTH KITCHEN SECTION
SCALE: 1/2" = 1'-0" 3



EWS TYPE 7 - EAST ICC SECTION
SCALE: 1/2" = 1'-0" 2



EWS TYPE 7 - EAST ELEVATION DOOR SECTION
SCALE: 1/2" = 1'-0" 1

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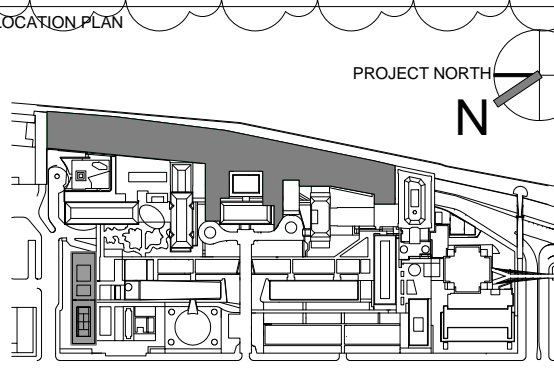
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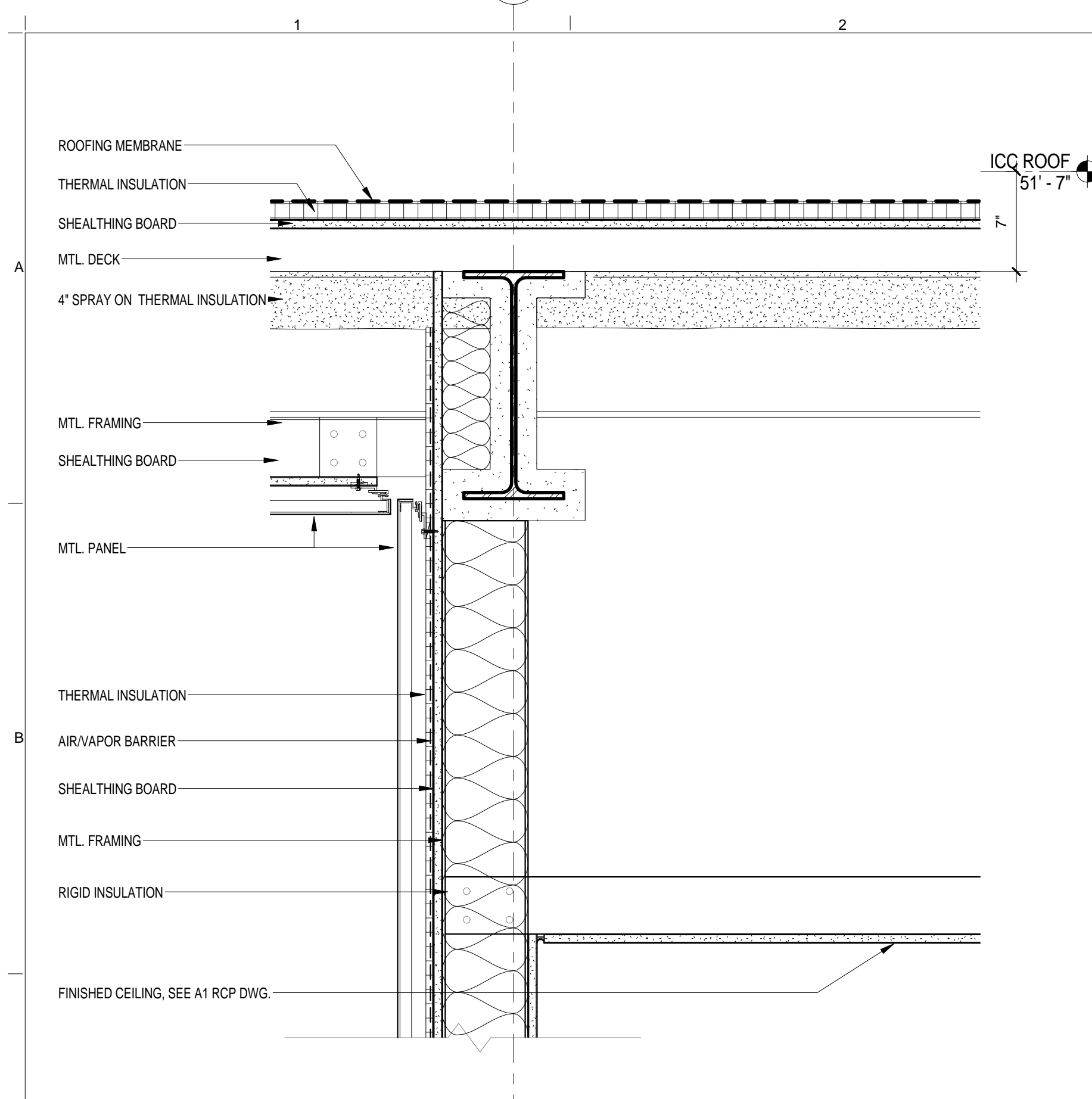
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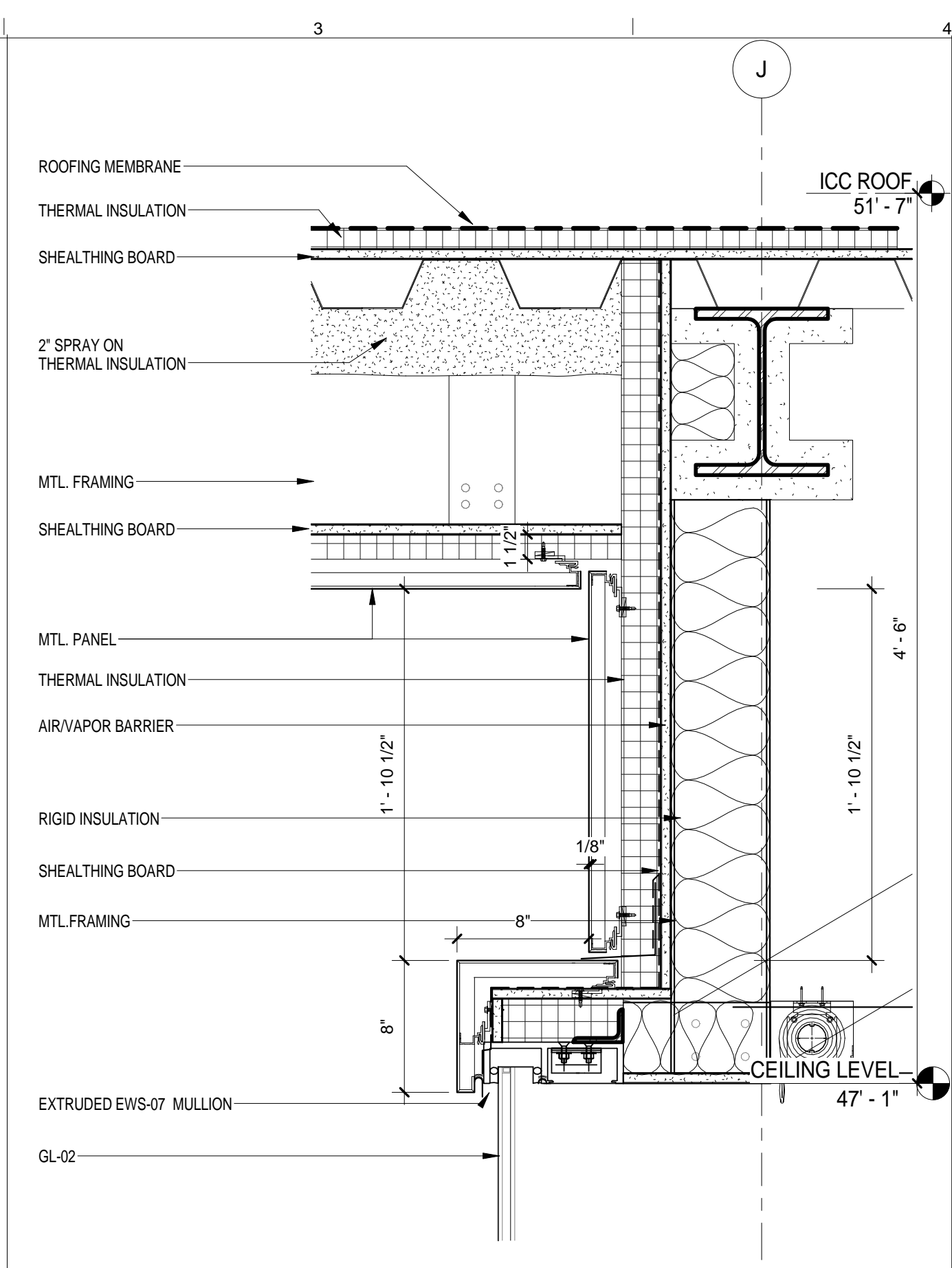
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3	DOB SUBMISSION - RB	16-DEC-15	DRAWING SCALE 1/2" = 1'-0"

EXTERIOR WALL SYSTEM TYPE 7 - SECTIONS

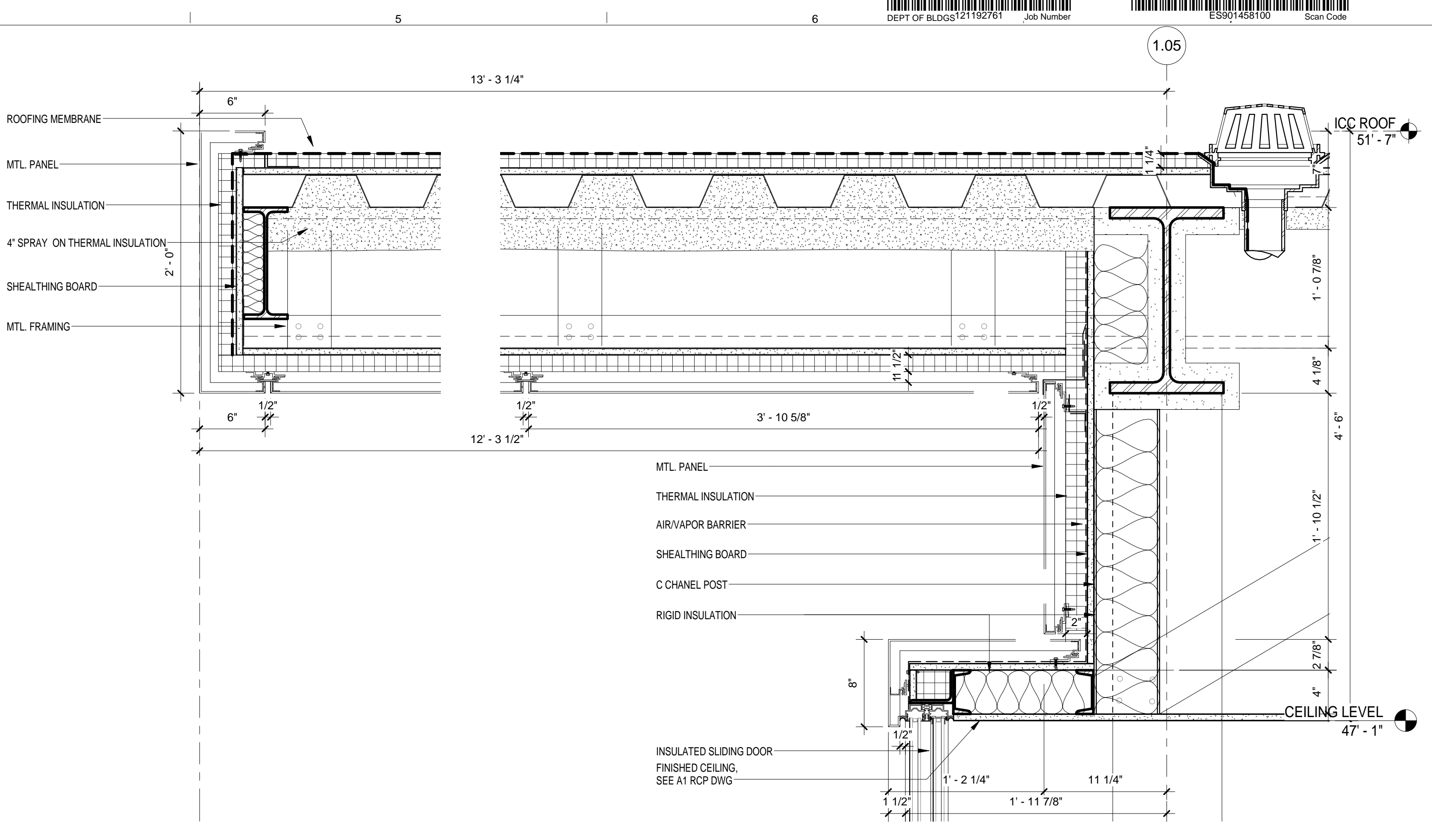
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Sheet 211 of 315



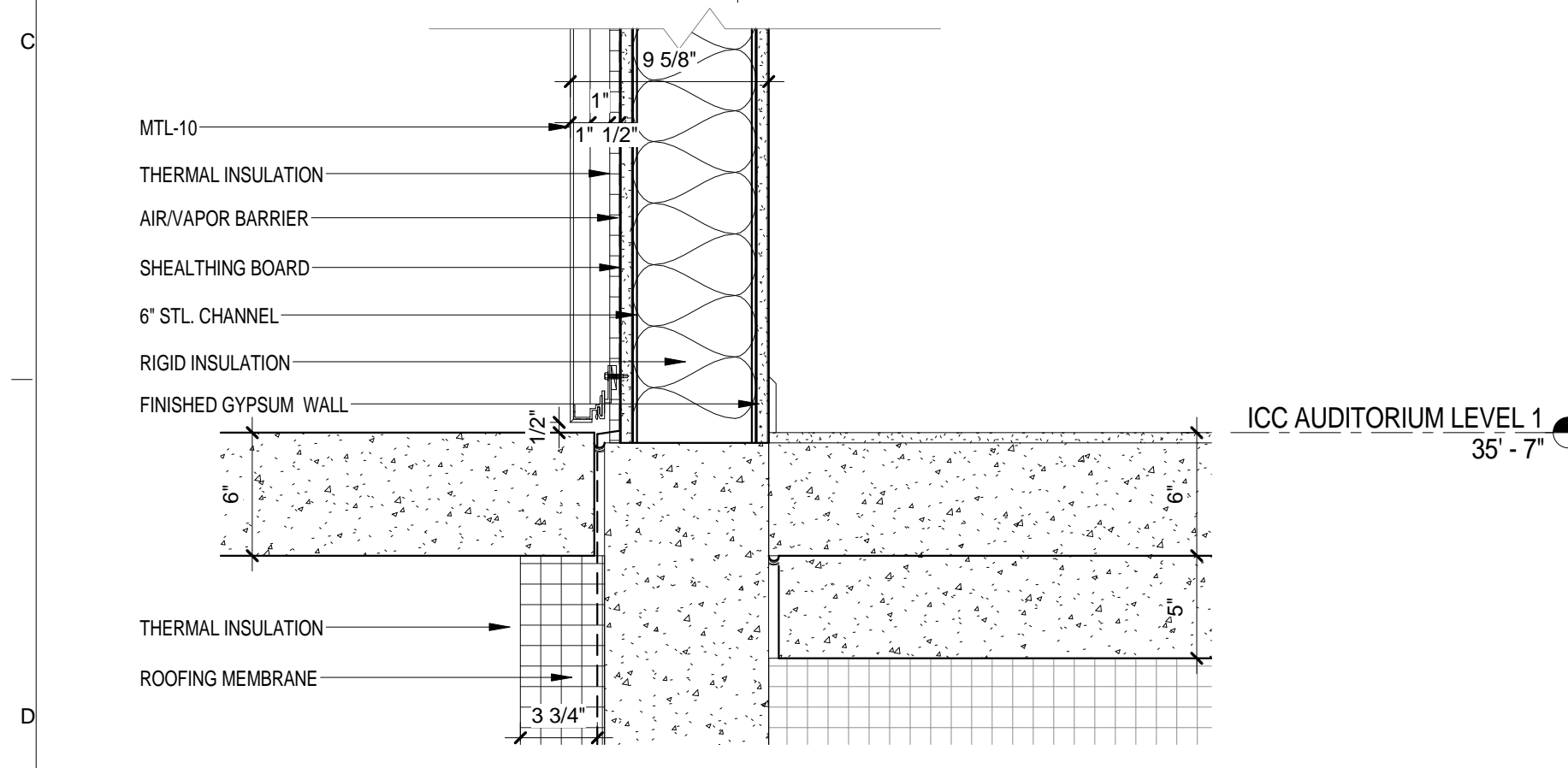
EWS TYPE 7 - ROOF DETAIL @ SOUTH KITCHEN
SCALE: 1 1/2" = 1'-0" 9



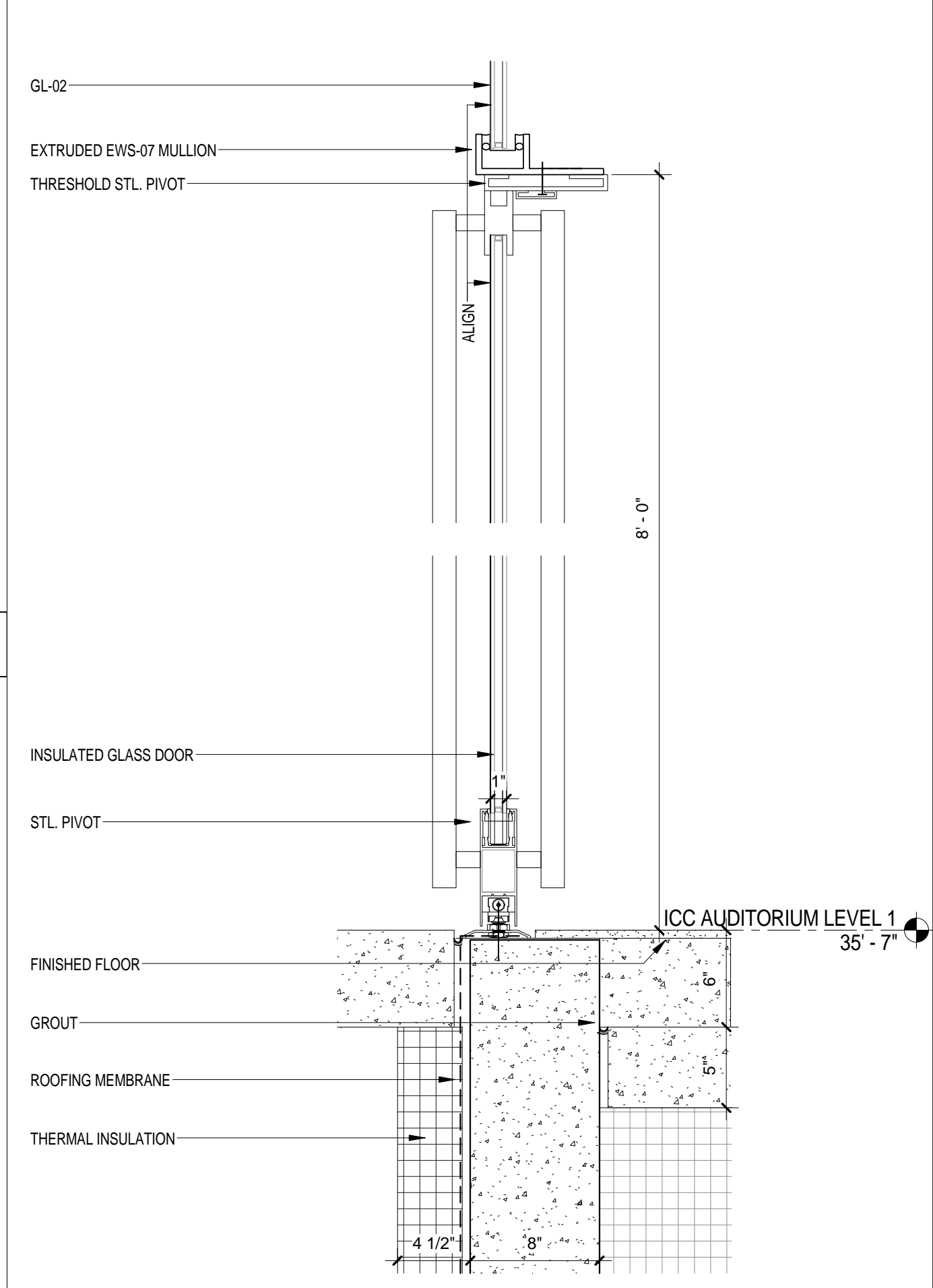
EWS TYPE 7 - ROOF DETAIL @ EAST ICC
SCALE: 1 1/2" = 1'-0" 6



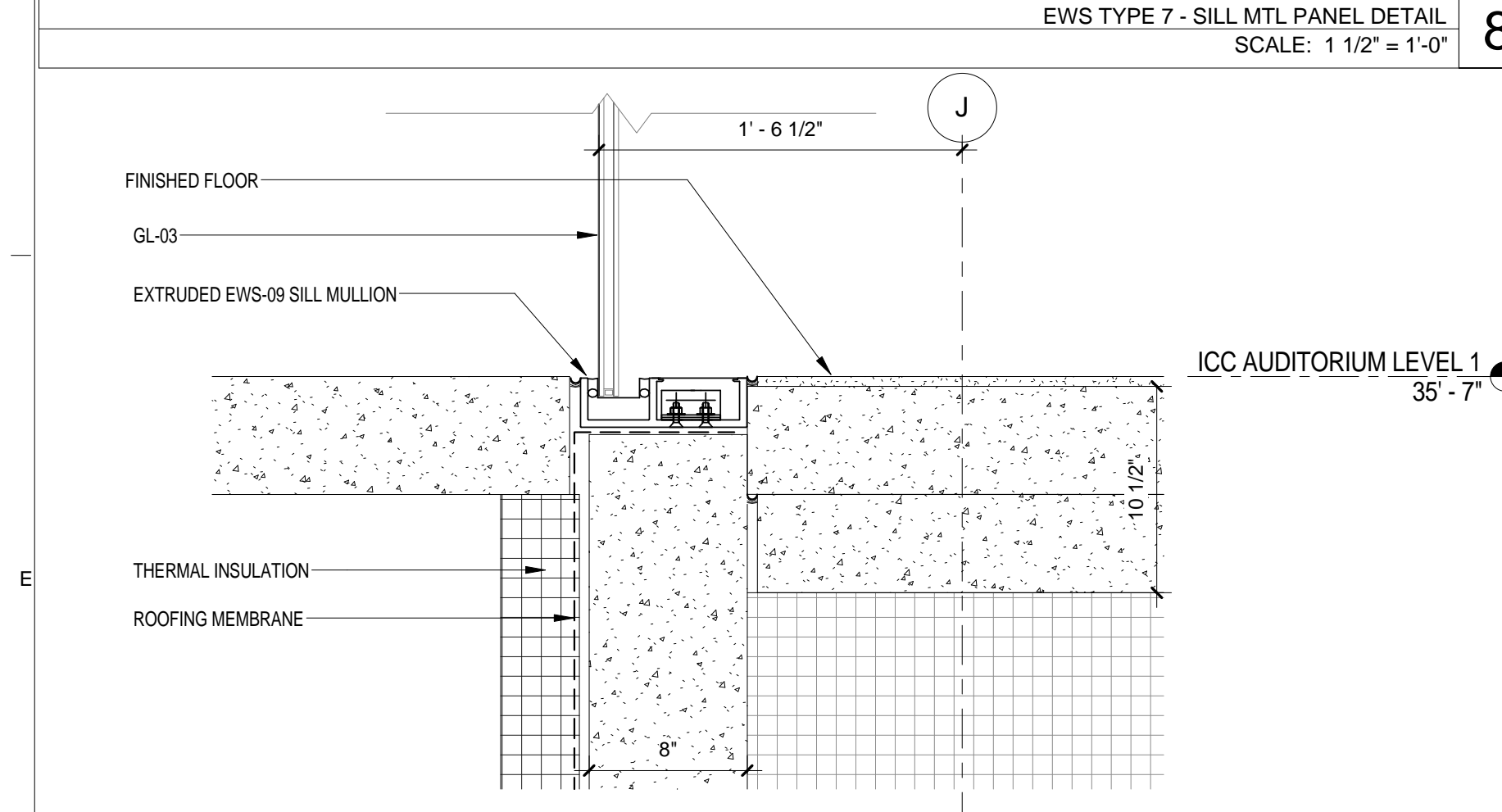
EWS TYPE 7 - ROOF DETAIL @ SOUTH ICC
SCALE: 1 1/2" = 1'-0" 2



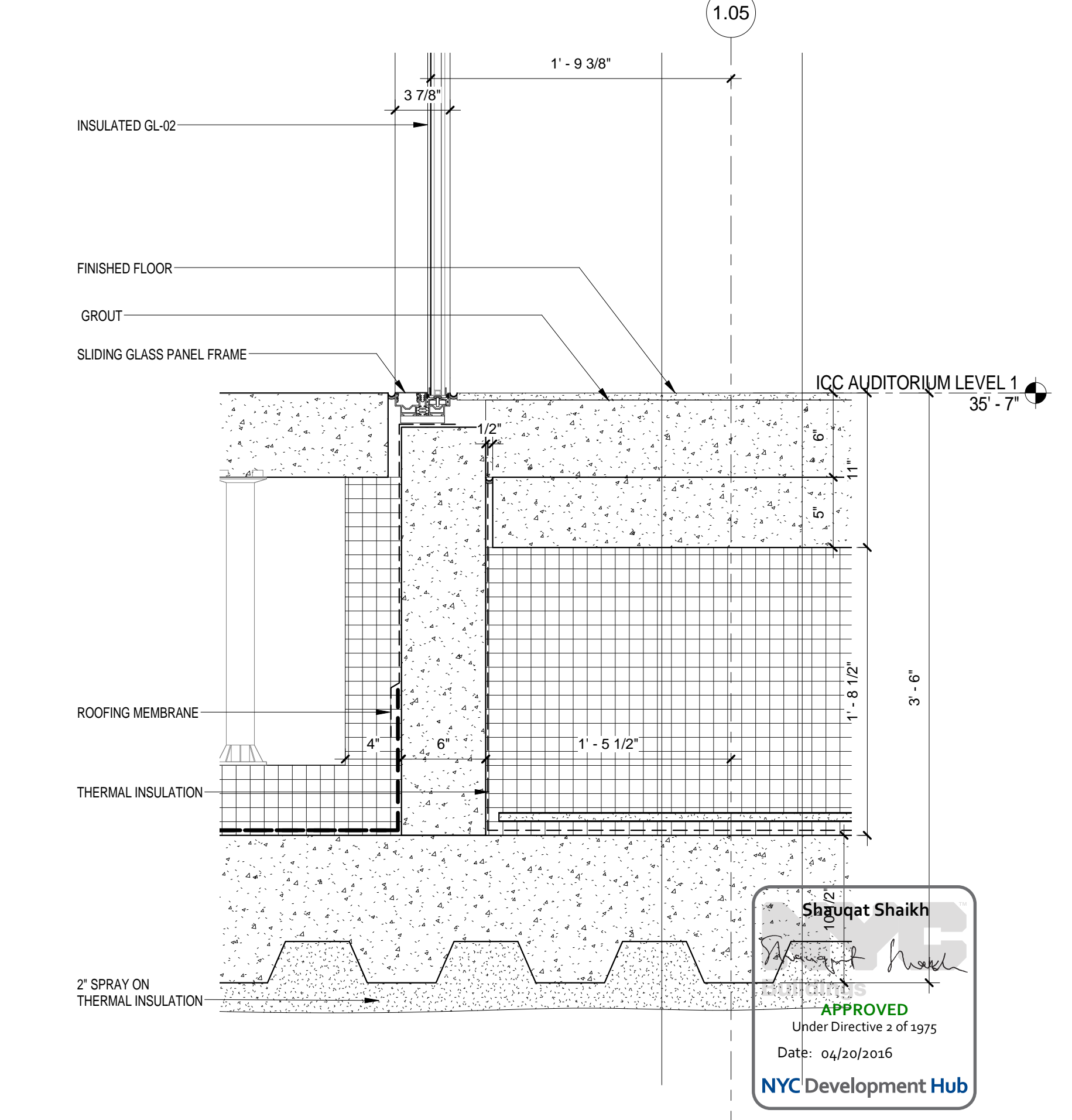
EWS TYPE 7 - SILL MTL PANEL DETAIL
SCALE: 1 1/2" = 1'-0" 8



EWS TYPE 7 - HEADER & SILL INSULATED GLASS DOOR DETAIL
SCALE: 1 1/2" = 1'-0" 5



EWS TYPE 7 - SILL CURTAIN WALL DETAIL
SCALE: 1 1/2" = 1'-0" 7



EWS TYPE 7 - SILL SLIDING DOOR DETAIL
SCALE: 1 1/2" = 1'-0" 1

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Under Directive 2 of 1975
Date: 04/30/2016
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THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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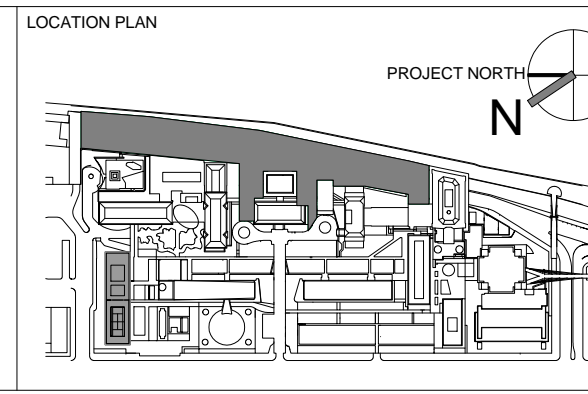
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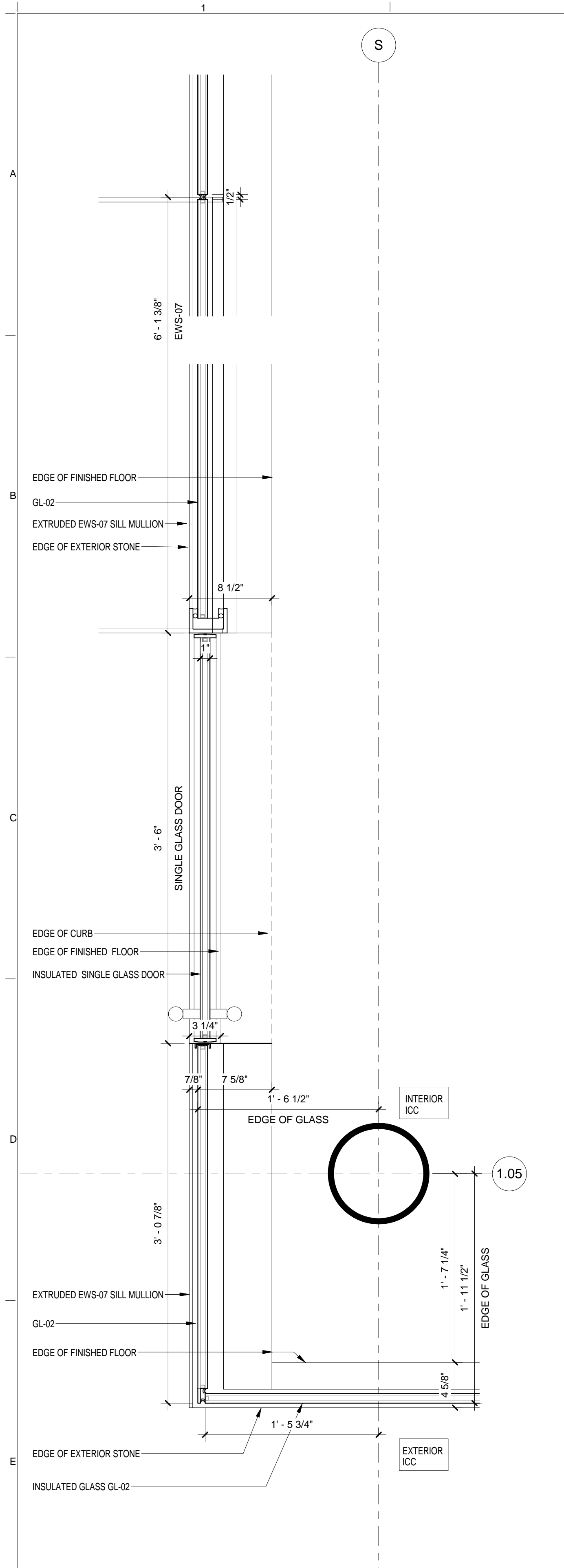


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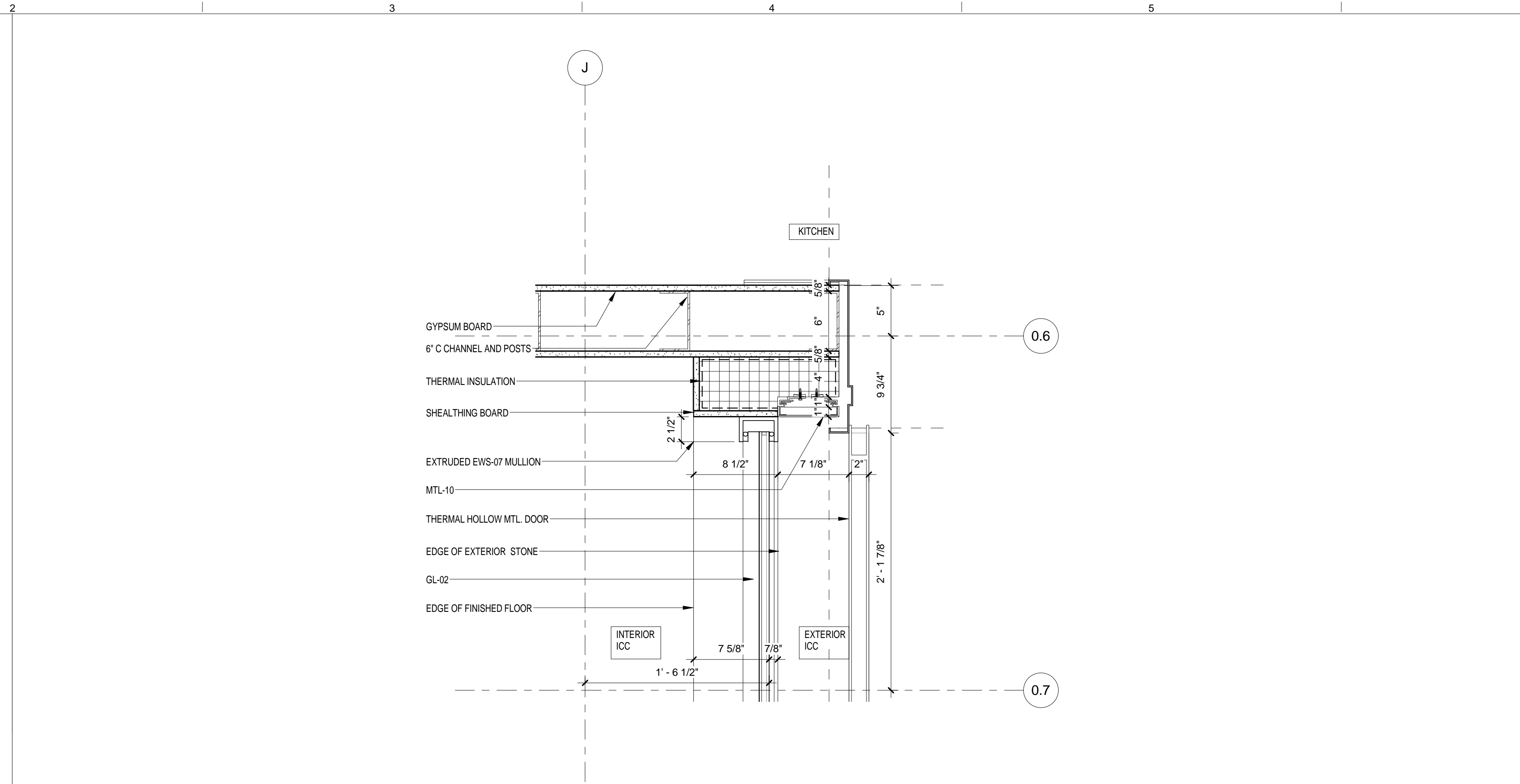
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-475.00

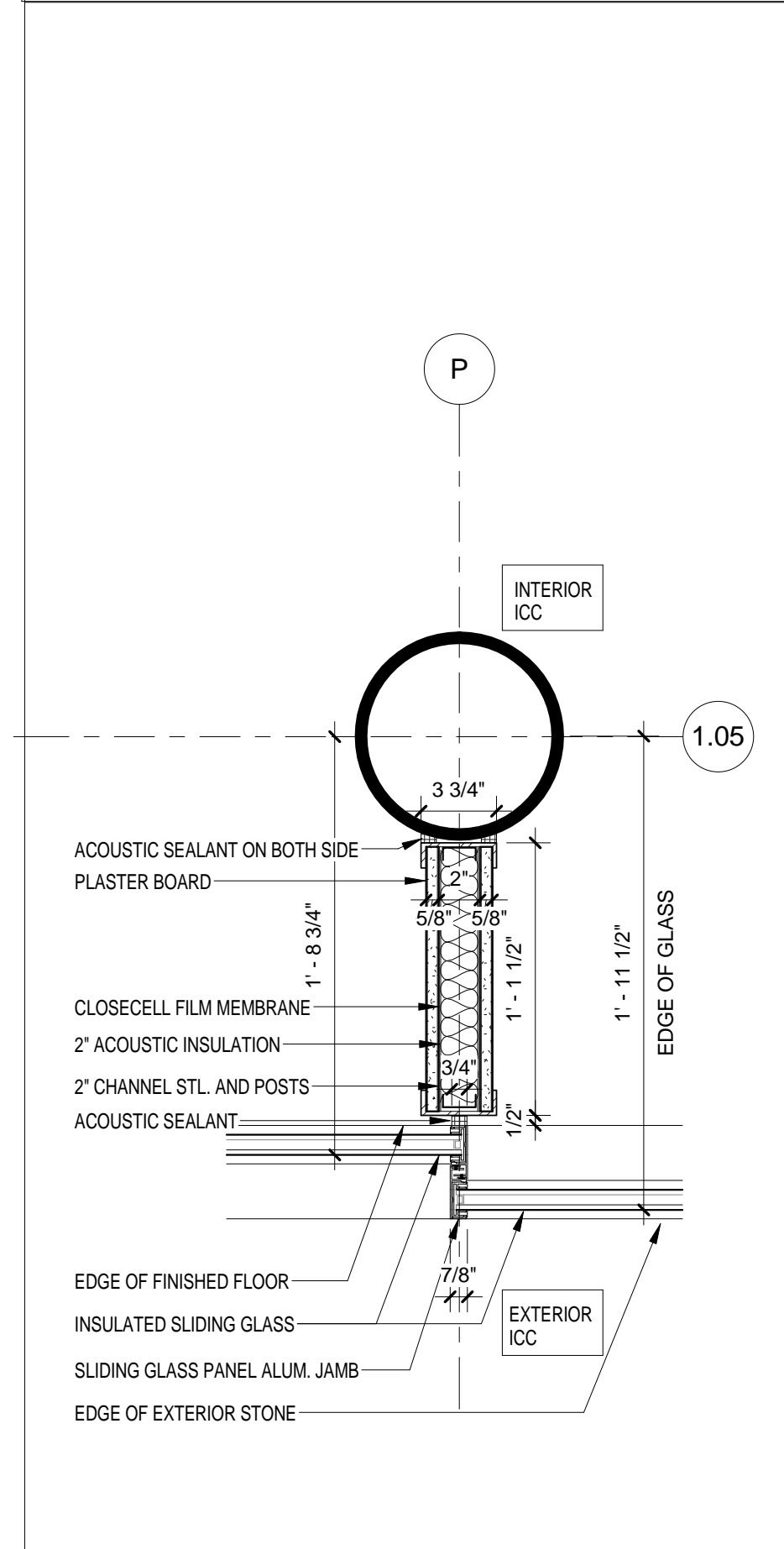
Sheet 212 of 315



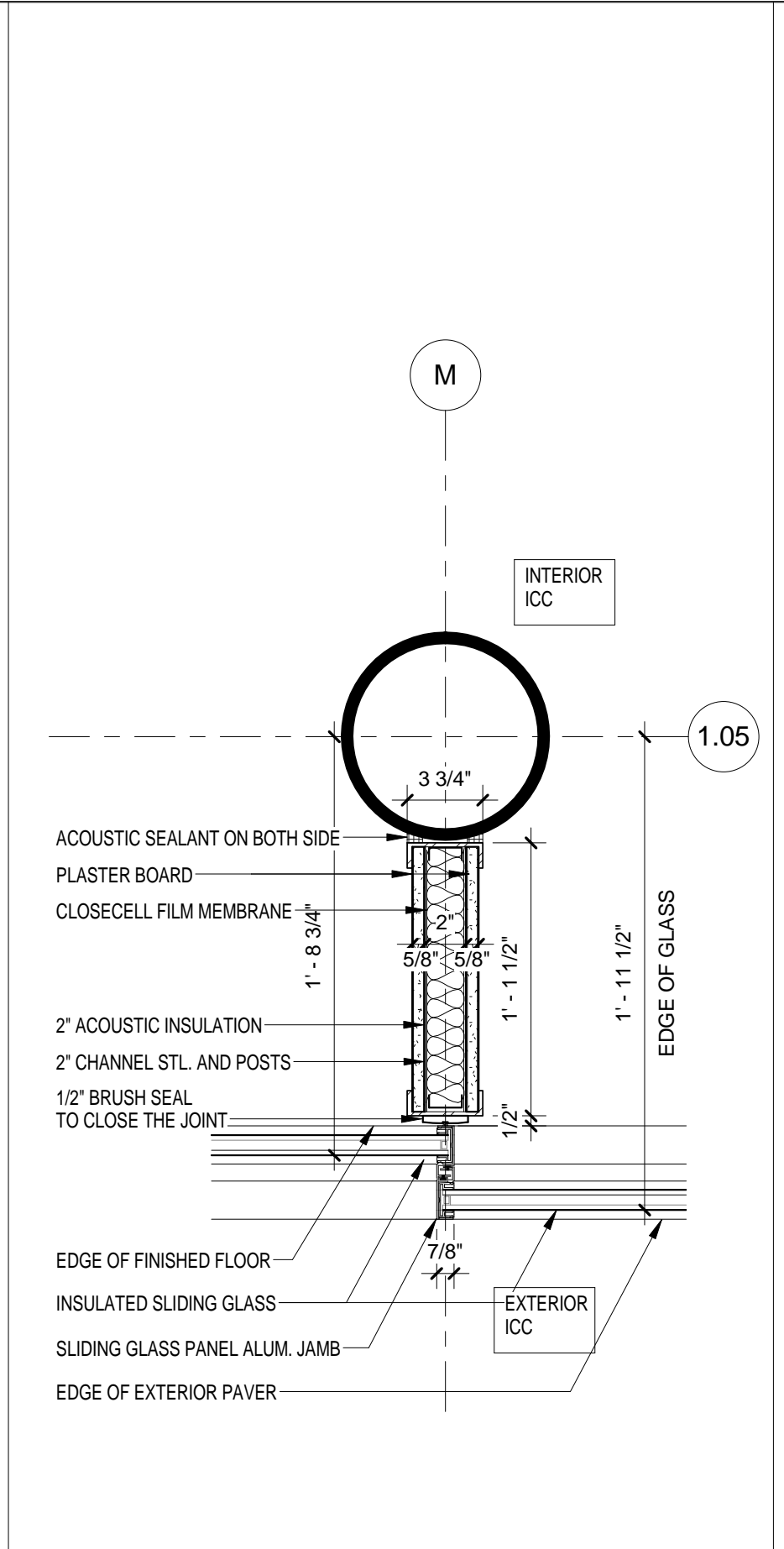
EWS TYPE 7 - SOUTH WEST CORNER
SCALE: 1 1/2" = 1'-0" 5



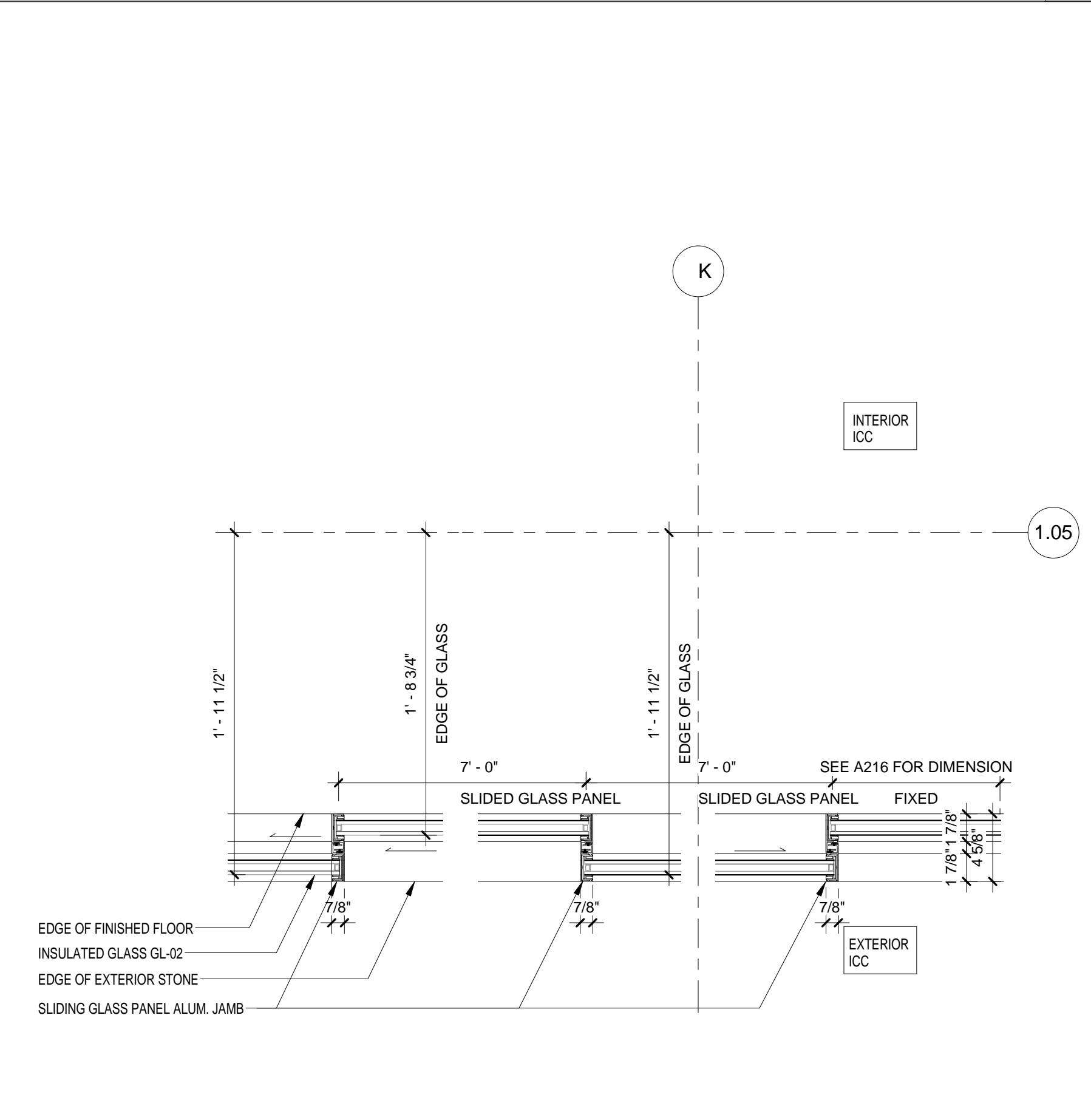
EWS TYPE 7 - DOOR METAL DETAIL @ CORNER CURTAIN WALL AND METAL PANEL
SCALE: 1 1/2" = 1'-0" 6



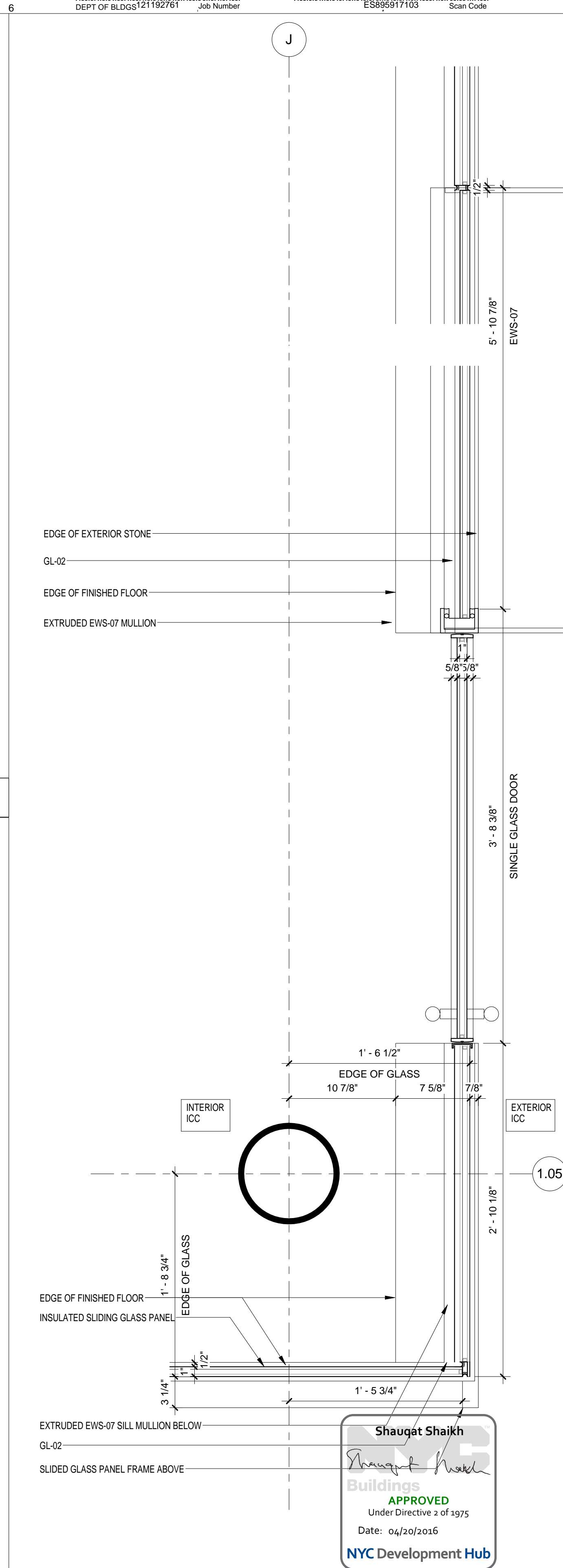
EWS TYPE 7 - PARTITION @ FIXED GLASS PANEL
SCALE: 1 1/2" = 1'-0" 4



EWS TYPE 7 - PARTITION @ OPERABLE GLASS PANEL
SCALE: 1 1/2" = 1'-0" 3



EWS TYPE 7 - SLIDING DOOR
SCALE: 1 1/2" = 1'-0" 2



EWS TYPE 7 - CORNER SLIDING DOOR DETAIL
SCALE: 1 1/2" = 1'-0" 1

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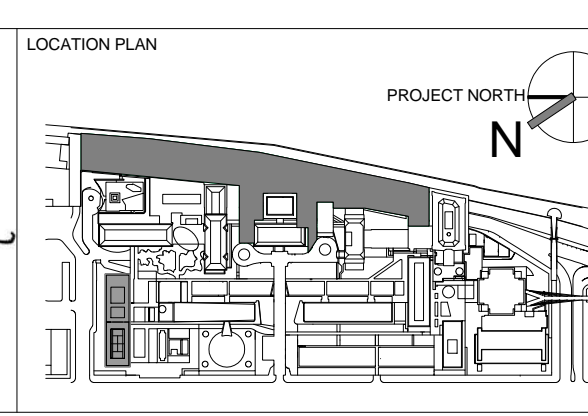
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUGAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1 1/2" = 1'-0"

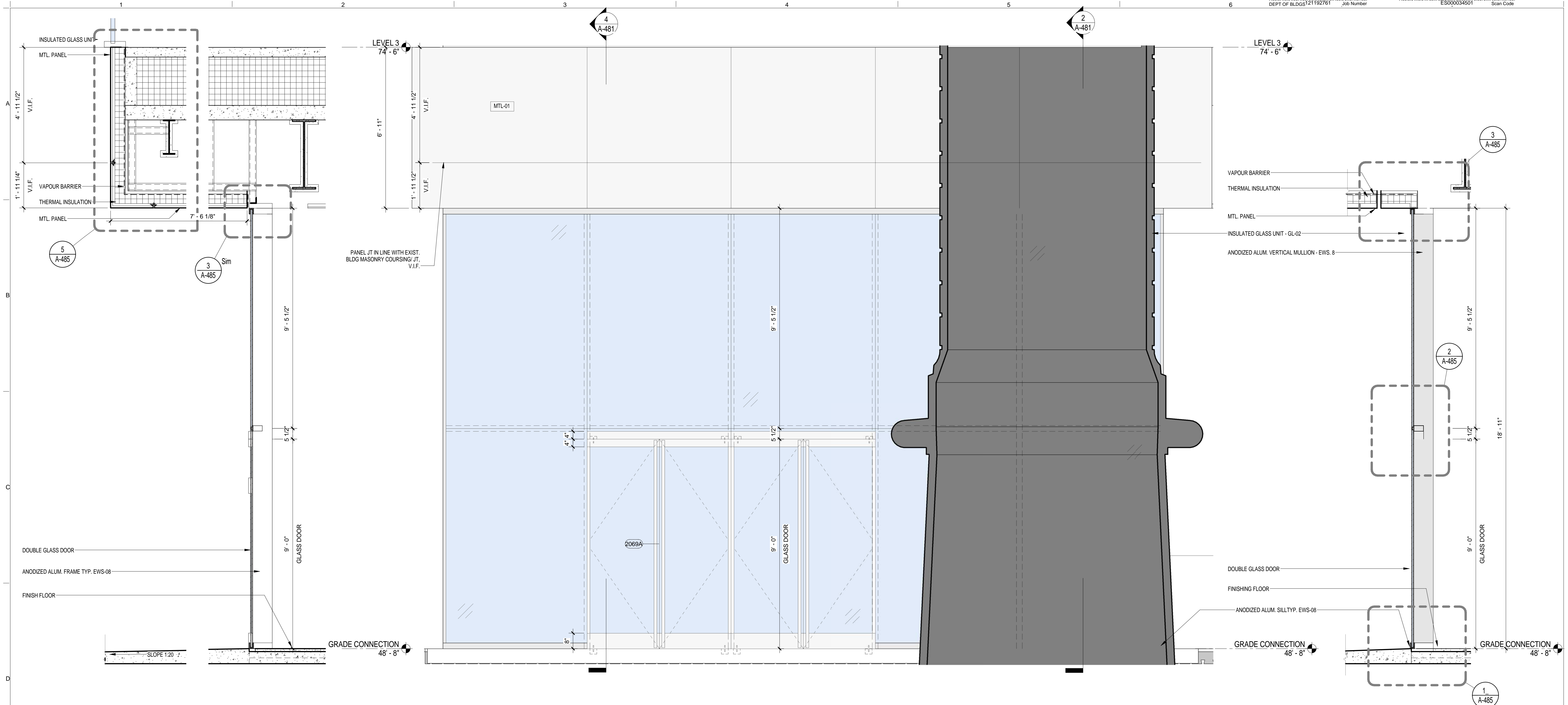
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
EXTERIOR WALL SYSTEM TYPE 7 - PLAN DETAILS

DRAWING NUMBER
A-477.00

DRAWING REV.
Sheet 213 of 315

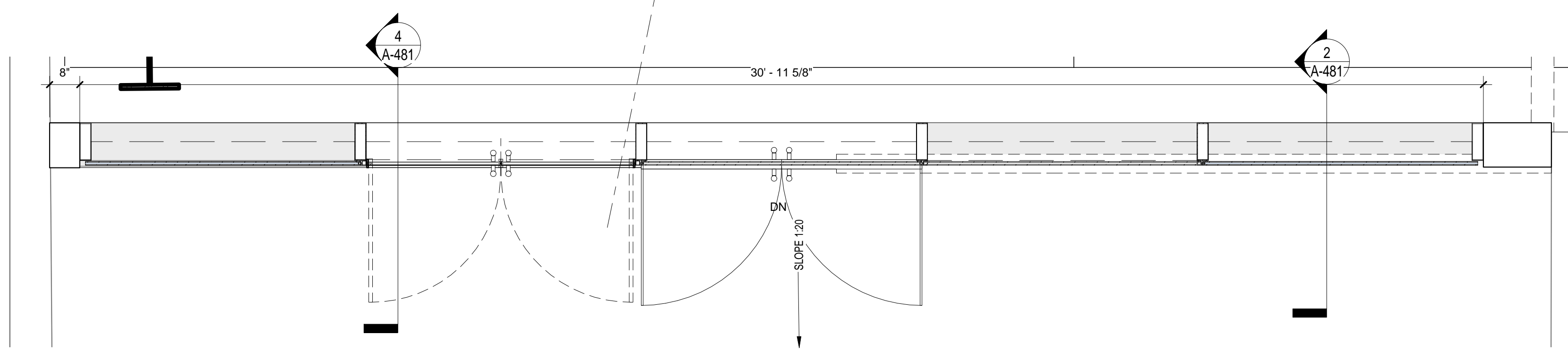
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EWS TYPE 8 - SECTION AT VESTIBULE ENTRANCE
SCALE: 1/2" = 1'-0" 4

EWS TYPE 8
SCALE: 1/2" = 1'-0" 3

EWS TYPE 8 - DOOR
SCALE: 1/2" = 1'-0" 2



EWS TYPE 8
SCALE: 1/2" = 1'-0" 1

- BUILDING ENCLOSURE GENERAL NOTES**
- SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
 - SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
 - SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE U VALUE:

- FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.4 Btu/sq. ft. x h x degree f (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09) Under Directive 2 of 1975
- FULL SPANDREL PANEL: NO GRATER THAN 0.2 Btu/sq.ft. x h x degree f (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.36

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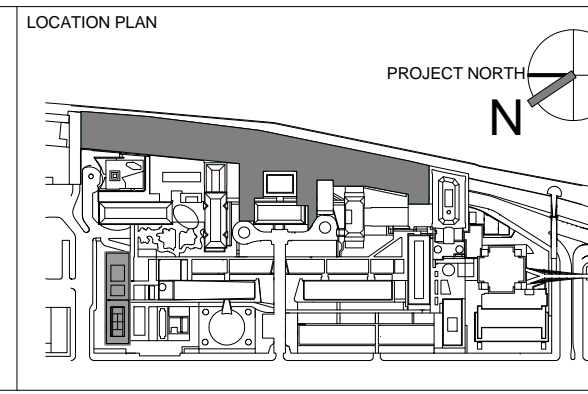
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REV	DESCRIPTION	DATE
1	PRELIMINARY BUILDING ENCLOSURE PACKAGE	19-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

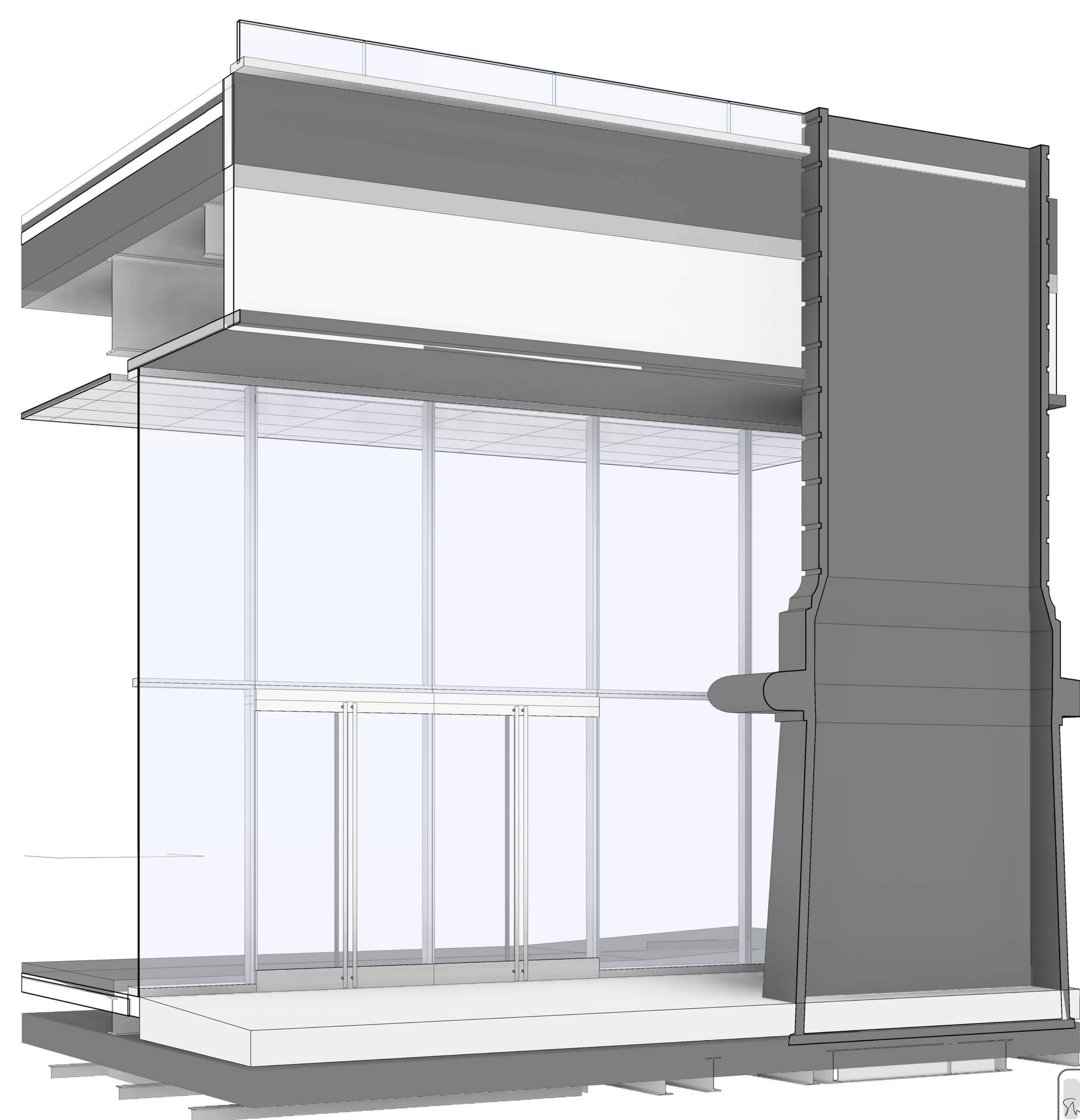
PROJECT PHASE
CONSTRUCTION DOCUMENTS

EXTERIOR WALL SYSTEM TYPE 8 - PLAN, ELEV & SECTION

DRAWING NUMBER
A-481.00


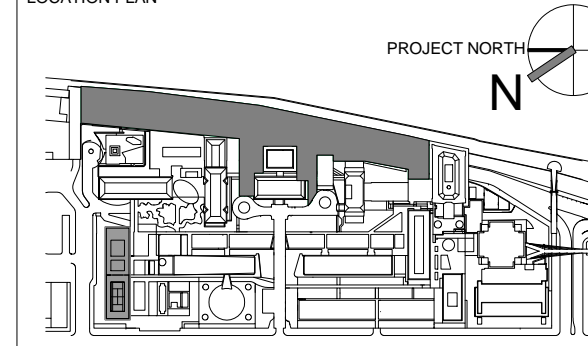
Sheet 214 of 315

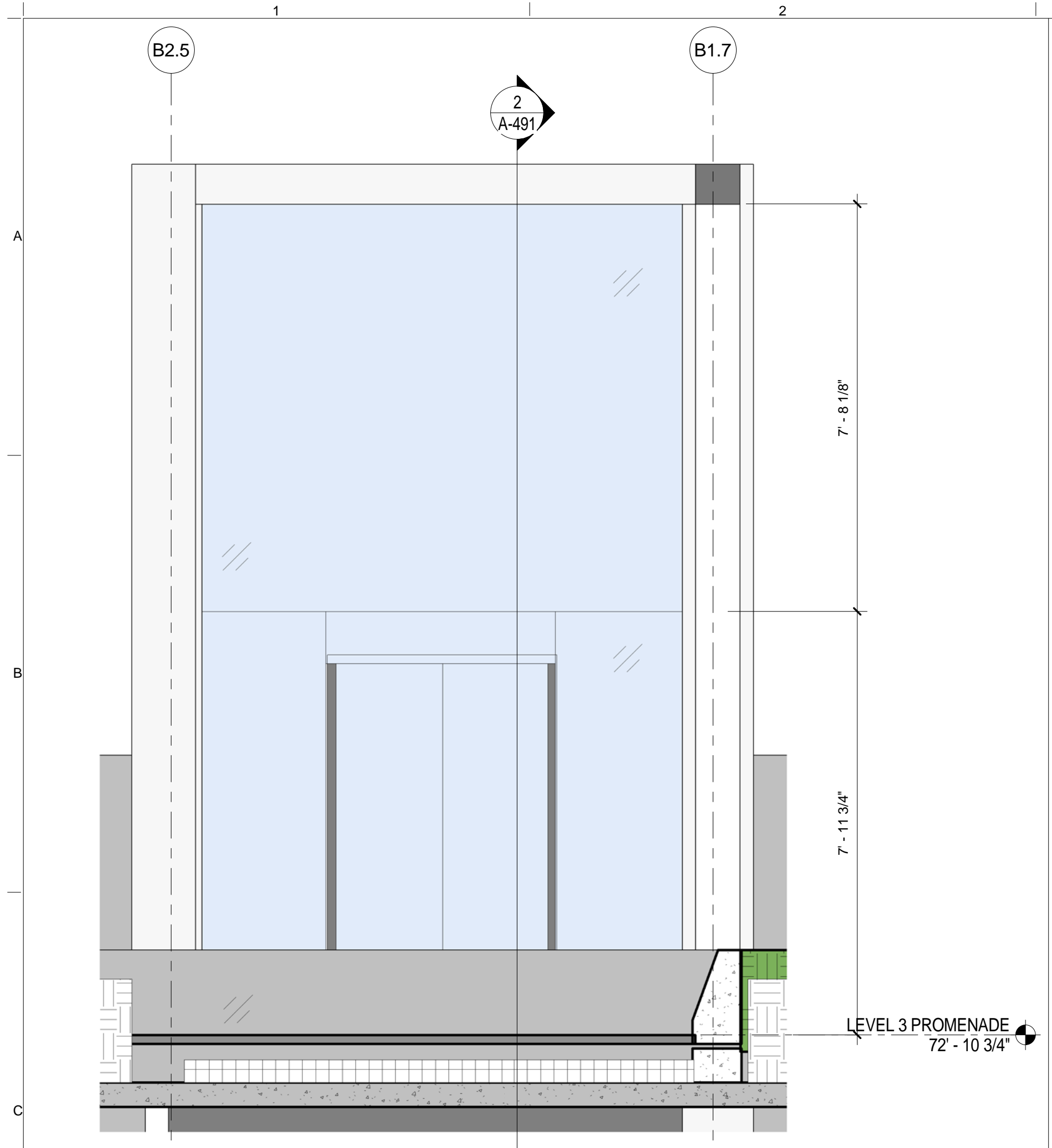
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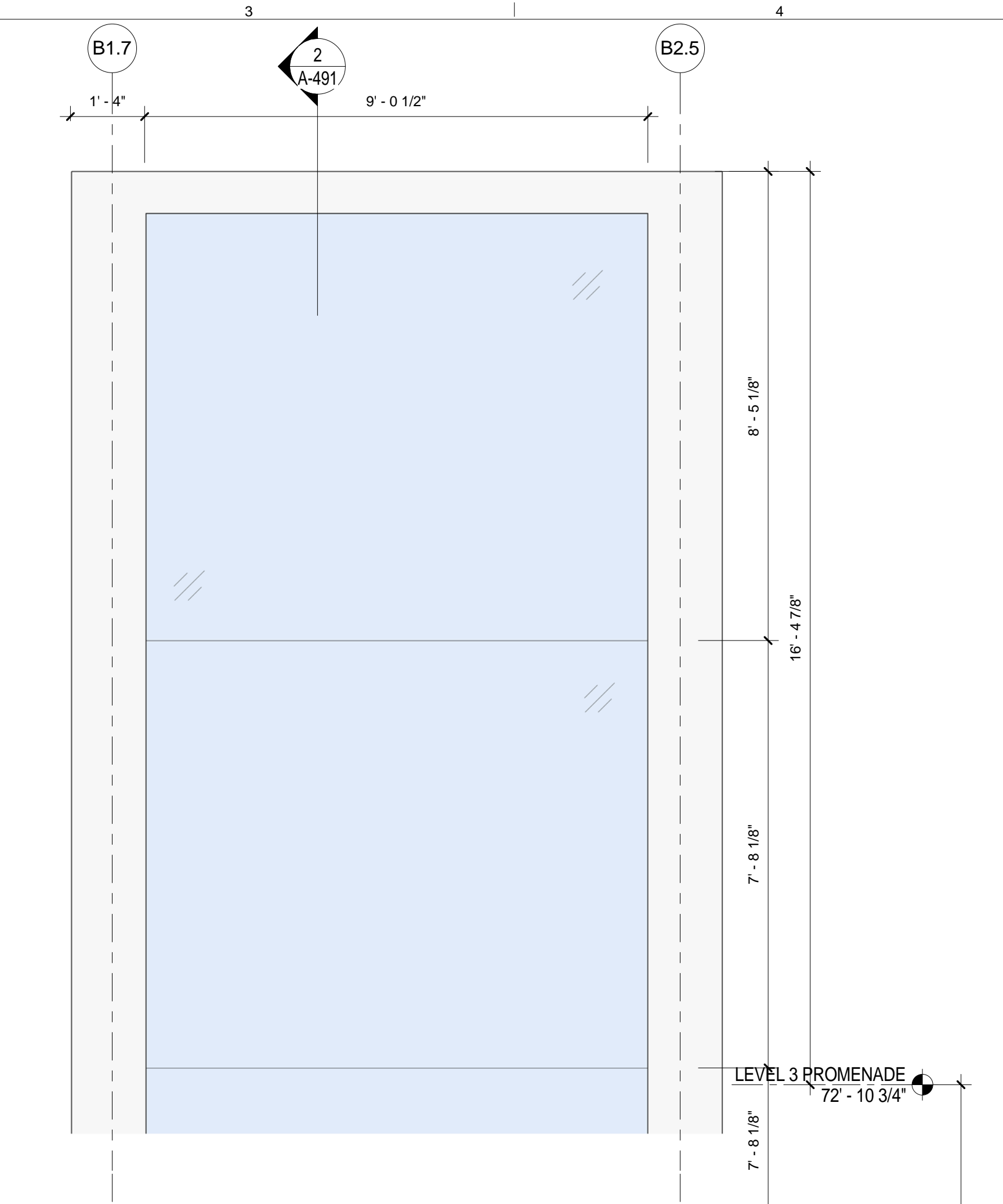
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EWS TYPE 8
 SCALE: 1

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	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE																										
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<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 6TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>																												

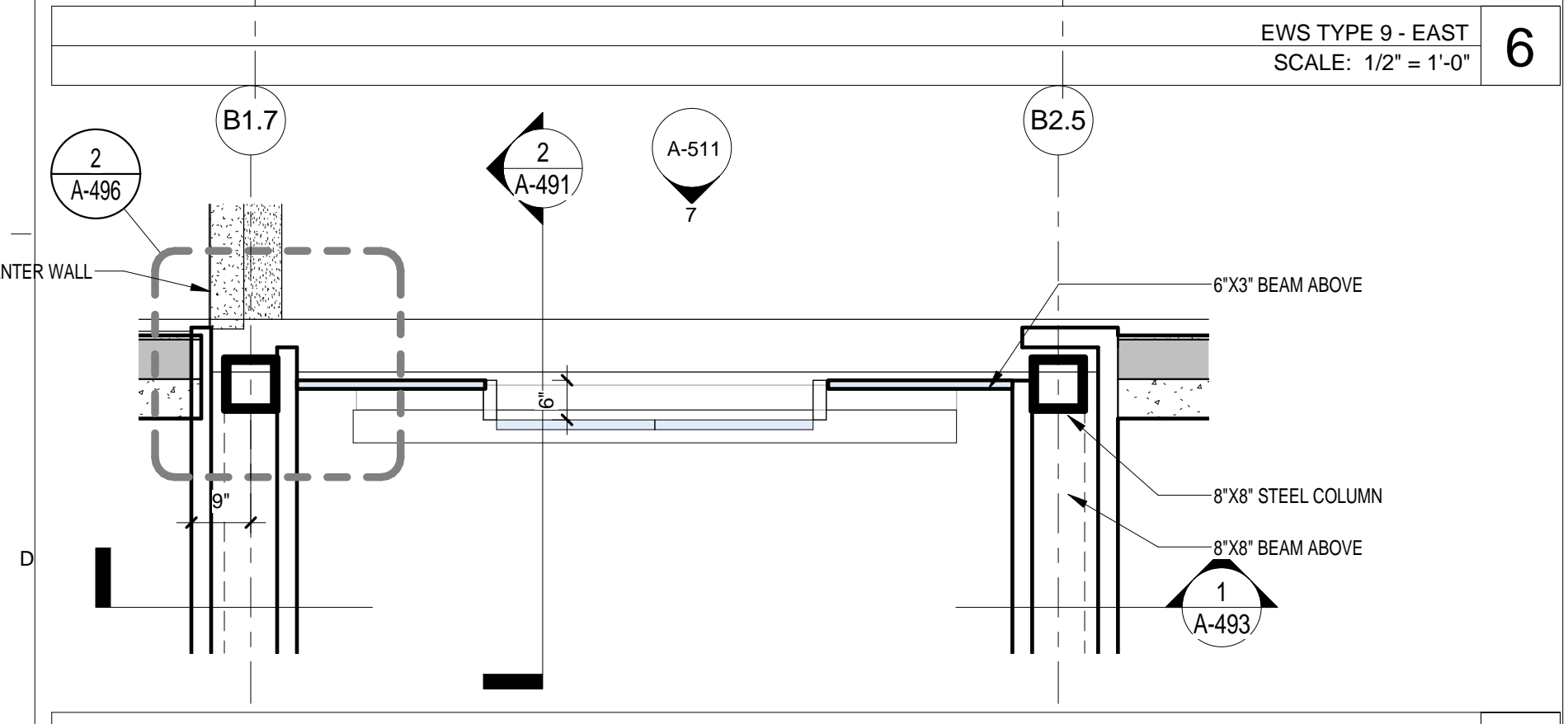


EWS TYPE 9 - EAST
SCALE: 1/2" = 1'-0" 6

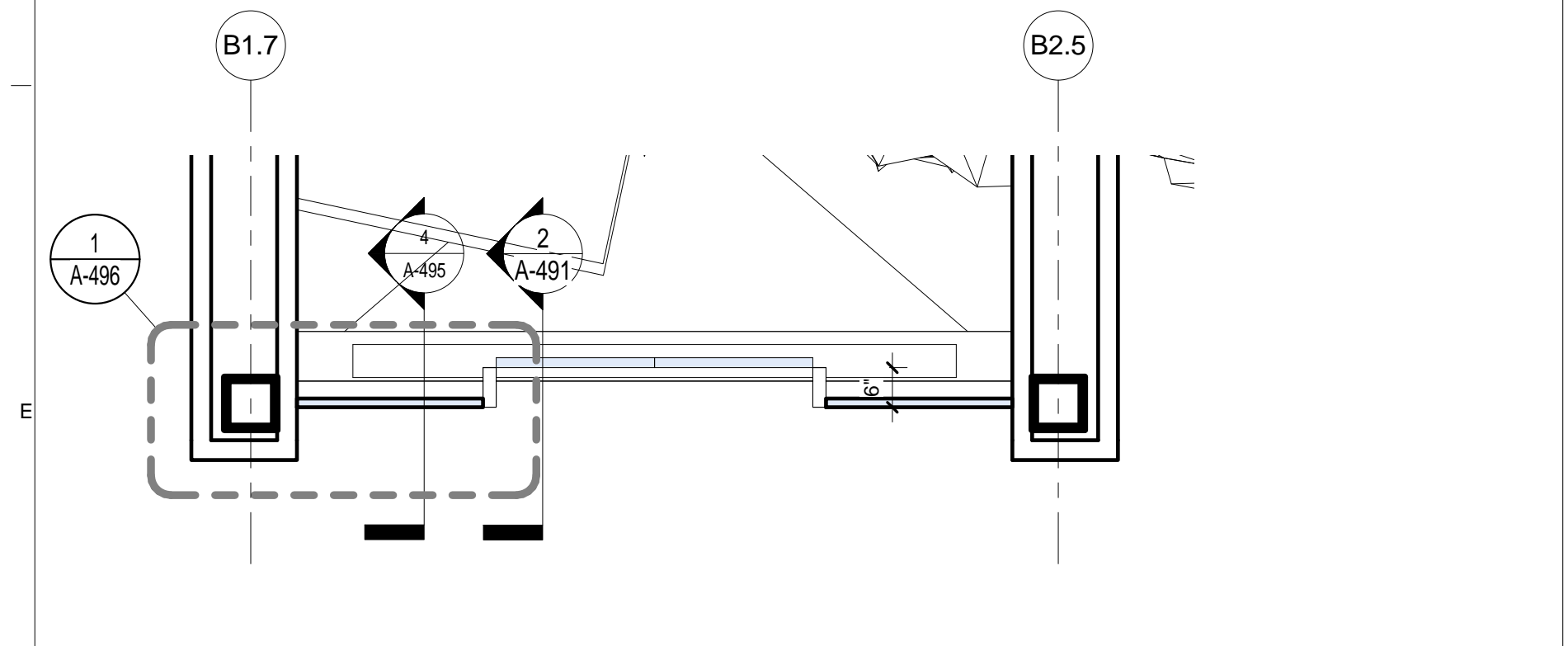


LEVEL 3 PROMENADE
72' - 10 3/4"

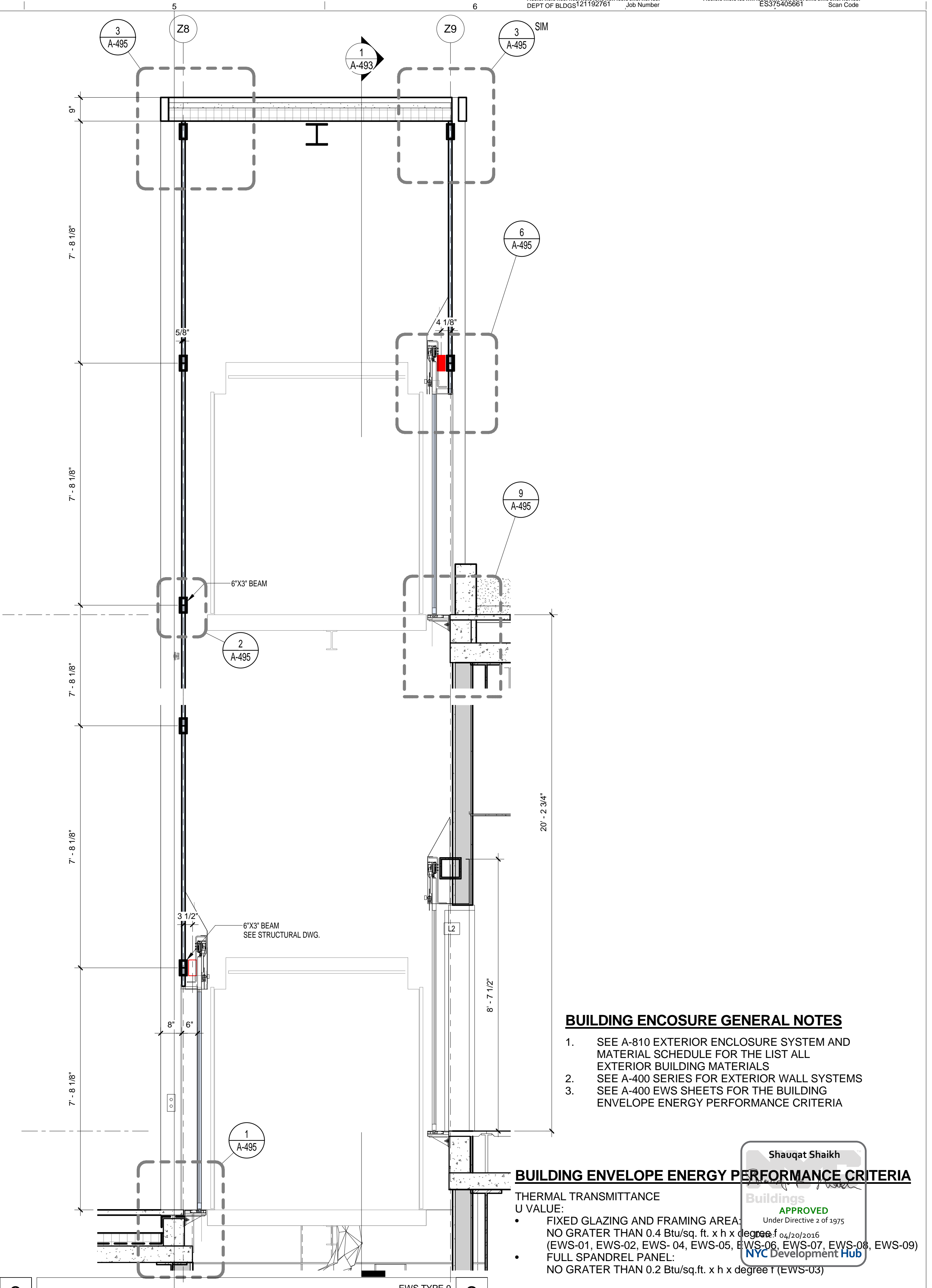
EWS TYPE 9 - WEST
SCALE: 1/2" = 1'-0" 3



EWS TYPE 9 - LEVEL 3
SCALE: 1/2" = 1'-0" 5



EWS TYPE 9 - LEVEL 2
SCALE: 1/2" = 1'-0" 4



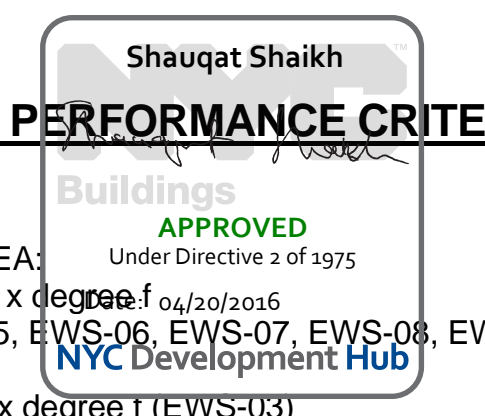
- BUILDING ENCLOSURE GENERAL NOTES**
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 - SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

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THERMAL TRANSMITTANCE U VALUE:

- FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.4 Btu/sq. ft. x h x degree T (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
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SHGC: FIXED GLAZING AND FRAMING AREA: NO GRATER THAN 0.35



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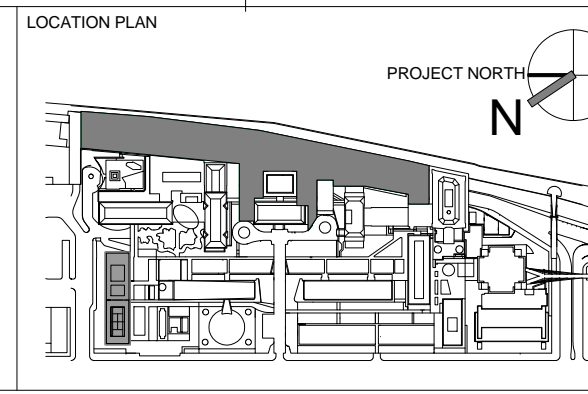
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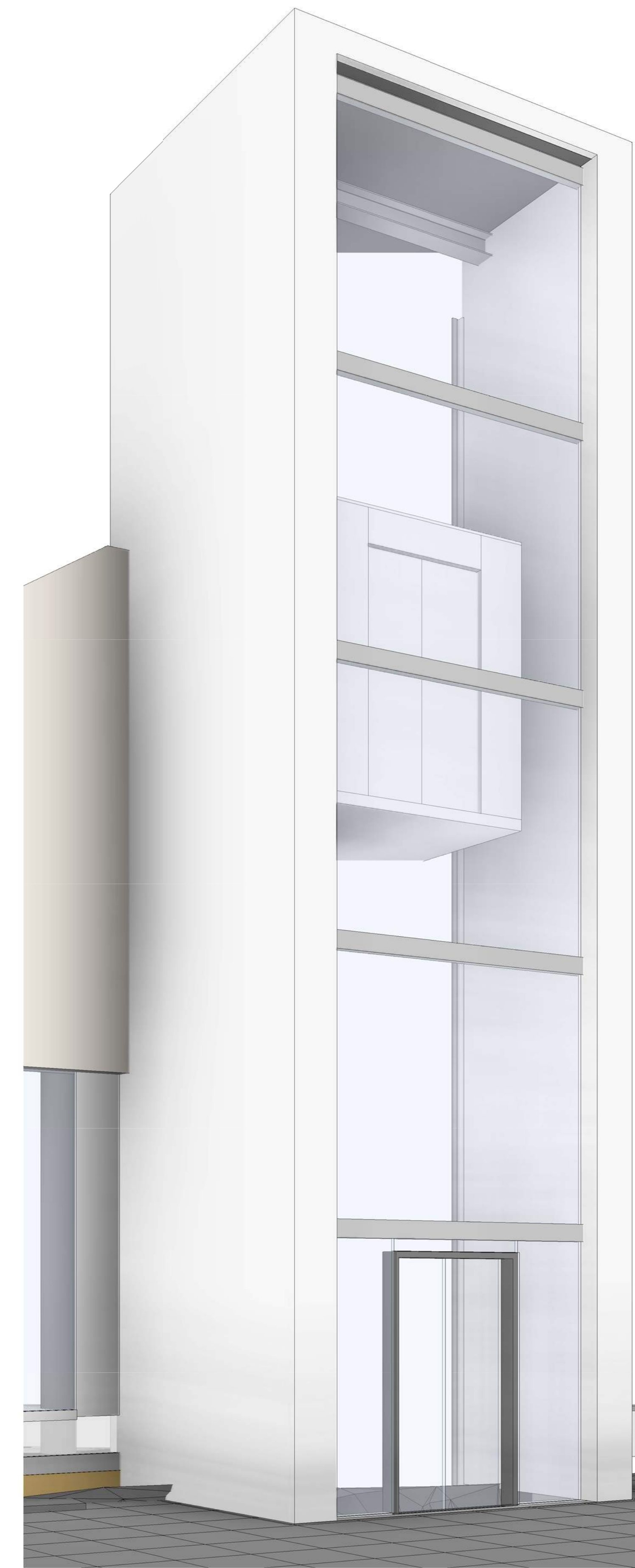
ARCHITECTS PROJECT NUMBER: 664.100
DRAWING SIZE: 24" x 36"
DRAWING SCALE: As indicated
PROJECT PHASE: CONSTRUCTION DOCUMENTS

EXTERIOR WALL SYSTEM TYPE 9 - SITE ELEVATOR PLAN, ELEV & SECTION

DRAWING NUMBER: **A-491.00**
Sheet 216 of 315

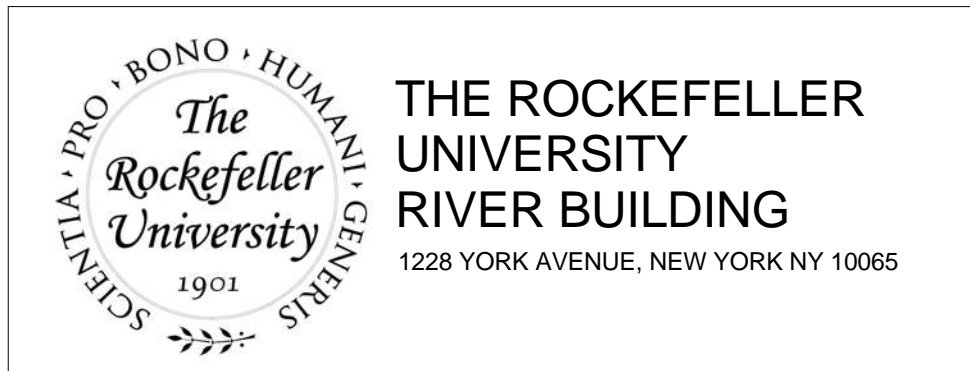


EES TYPE 9 - EAST ELEVATION PERSPECTIVE
SCALE: 2



EWS TYPE 9 - WEST ELEVATION PERSPECTIVE
SCALE: 1

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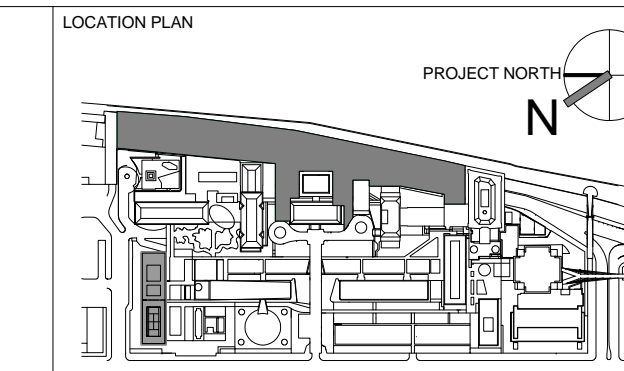
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 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE

DRAWING TITLE
 EXTERIOR WALL SYSTEM TYPE 9 - SITE ELEVATOR PERSPECTIVE VIEW

DRAWING NUMBER
 A-492.00

DATE
 04/20/2016

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

Sheet 217 of 315

Electrical and Mechanical Requirements:

- THE ELECTRICAL CONDUIT, POWER FEEDERS AND GROUNDING CONDUCTORS BETWEEN THE LOAD SIDE OF THE MAIN LINE DISCONNECT SWITCHES AND ELEVATOR CONTROL EQUIPMENT.
- MEANS FOR DISCONNECTING THE MAIN POWER SUPPLY FOR EACH UNIT WHICH SHALL BE LOCATED IN THE MACHINE ROOM. THE DISCONNECTING MEANS SHALL BE AN ENCLOSED, EXTERNALLY OPERATED, FUSED MOTOR CIRCUIT SWITCH OR CIRCUIT BREAKER CAPABLE OF BEING LOCKED IN THE "OFF" ("OPEN") POSITION. PROVIDE PROPER GROUNDING IN ACCORDANCE WITH ELECTRIC CODE.
- ALL ELEVATORS ARE SPECIFIED WITH BATTERY OPERATED, BACK UP LOWERING DEVICES. THE MAIN LINE DISCONNECTING MEANS FOR EACH ELEVATOR SHALL BE PROVIDED WITH A MEANS TO DIFFERENTIATE BETWEEN NORMAL POWER FAILURE AND MANUAL OPERATION OF THE DISCONNECT SWITCH.
- SPRINKLER FIRE PROTECTIVE SYSTEMS PROVIDED INSIDE ANY GIVEN ELEVATOR HOISTWAY, MACHINE ROOM OR ASSOCIATED MACHINERY SPACE SHALL BE EQUIPPED WITH SOME MEANS TO DISCONNECT THE MAIN LINE POWER SUPPLY FROM THE AFFECTED ELEVATOR PRIOR TO ACTIVATION. THIS MEANS OF DISCONNECT SHALL BE MANUALLY RESET ONLY.
- ONE SET OF NORMALLY OPEN, DRY ELECTRICAL CONTACTS (NO VOLTAGE PRESENT) SUBJECT TO ACTIVATION BY FIRE SENSING DEVICES LOCATED IN THE ELEVATOR, MACHINE ROOMS, THE HOISTWAYS, OR IN THE ELEVATOR LOBBY ON ANY LANDING OTHER THAN THE DESIGNATED FIRE RECALL LANDING (MAIN FLOOR). THE CONTACTS SHALL BE WIRED TO AN ELECTRICAL JUNCTION BOX LOCATED INSIDE EACH ELEVATOR MACHINE ROOM FOR FINAL CONNECTION TO THE ELEVATOR CONTROL SYSTEMS BY THE ELEVATOR CONTRACTOR. EACH WIRE SHALL BE CLEARLY LABELED WITH ITS CONTROL FUNCTION.
- ONE SET OF NORMALLY CLOSED, DRY ELECTRICAL CONTACT (NO VOLTAGE PRESENT) SUBJECT TO ACTIVATION FOLLOWING TRANSFER TO THE BUILDING EMERGENCY POWER SUPPLY. ALSO, ONE SET OF NORMALLY CLOSED DRY ELECTRICAL CONTACT (NO VOLTAGE PRESENT) TO SIGNAL THE ELEVATOR SYSTEM THAT THE POWER SOURCE WILL TRANSFER FROM EMERGENCY TO NORMAL SOURCE. IN ADDITION, AN ADJUSTABLE TIME DELAY AT THE AUTOMATIC TRANSFER SWITCH SHALL BE PROVIDED TO DELAY TRANSFER FROM EMERGENCY TO NORMAL SOURCE. CONTACTS SHALL BE WIRED TO AN ELECTRICAL JUNCTION BOX LOCATED INSIDE EACH MACHINE ROOM FOR CONNECTION TO THE ELEVATOR CONTROL EQUIPMENT BY THE ELEVATOR CONTRACTOR. THE DISCONNECTING MEANS PROVIDED SPECIFIED, SHALL DISCONNECT THE ELEVATOR FROM BOTH THE EMERGENCY (STANDBY POWER) AND THE NORMAL POWER SYSTEM.
- FOR ELEVATOR NOS. C1-C2, PROVIDE A DEDICATED 110 VOLT, 30 AMP SINGLE PHASE POWER SUPPLY WITH DISCONNECTING MEANS LOCATED INSIDE EACH MACHINE ROOM TO OPERATE THE GROUP SUPERVISORY SYSTEM. THIS POWER SUPPLY MUST BE ARRANGED SO AS NOT TO BE INTERRUPTED IN CASE OF A TRANSFER TO EMERGENCY POWER. DISCONNECTING MEANS SHALL BE FULLY ENCLOSED, EXTERNALLY OPERATED, FUSED CIRCUIT SWITCH OR CIRCUIT BREAKER CAPABLE OF BEING LOCKED IN THE "OPEN" POSITION.
- A SEPARATE 120VOLT, 15AMP POWER SUPPLY (ON EMERGENCY POWER CIRCUIT IF AVAILABLE) AND DISCONNECTING MEANS FOR EACH ELEVATOR LOCATED INSIDE THE MACHINE ROOM TO OPERATE LIGHTING FIXTURES AND EXHAUST FAN UNITS INSIDE THE ELEVATOR CAR. THE FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER SHALL BE CAPABLE OF BEING LOCKED IN THE "OPEN" POSITION. THE DISCONNECTING MEANS SHALL BE LABELED TO IDENTIFY THE APPROPRIATE ELEVATOR NUMBER AND MARKED "CAR LIGHTS".
- SEPARATE 120 VOLT, 15 AMP POWER SUPPLY (ON EMERGENCY POWER CIRCUIT IF AVAILABLE) AND DISCONNECTING MEANS FOR EACH ELEVATOR LOCATED INSIDE THE MACHINE ROOM TO OPERATE THE AUXILIARY ELEVATOR DEVICES ON THE CAR. THE FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER SHALL BE CAPABLE OF BEING LOCKED IN THE "OPEN" POSITION. THE DISCONNECTING MEANS SHALL BE LABELED TO IDENTIFY THE APPROPRIATE ELEVATOR NUMBER AND MARKED "AUXILIARY CAR DEVICES".
- PERMANENT LIGHTING FIXTURES AND 120 VOLT (GFCI PROTECTED) DUPLEX RECEPTACLES INSIDE EACH MACHINE ROOM. ILLUMINATION SHALL BE NO LESS THAN 19-FOOT CANDLES AT FLOOR LEVEL. A LIGHT CONTROL SWITCH MUST BE PROVIDED IMMEDIATELY ADJACENT TO THE MACHINE ROOM ENTRANCE DOOR ON THE LOCK JAMB SIDE OF THE ACCESS DOOR.
- A 120 VOLT DUPLEX (GFCI TYPE) RECEPTACLE AND A PERMANENT LIGHTING FIXTURE EQUIPPED WITH PROTECTIVE GUARD FOR EACH ELEVATOR PIT. ILLUMINATION SHALL BE NO LESS THAN 100 LX (10-FOOT CANDLES) AT THE PIT FLOOR AND AT A PIT PLATFORM IF PROVIDED. A LIGHT CONTROL SWITCH MUST BE PROVIDED AND SO POSITIONED AS TO BE READILY ACCESSIBLE FROM THE PIT ENTRANCE DOOR OR ACCESS LADDER.
- A DEDICATED 120 VOLT, 15 AMP SINGLE POWER SUPPLY AND DISCONNECTING MEANS INSIDE EACH MACHINE ROOM TO OPERATE ACCESS CARD READER DEVICES IN ALL ELEVATORS AND RELATED CARD READER CONTROL EQUIPMENT. THE DISCONNECTING MEANS SHALL BE FULLY ENCLOSED, EXTERNALLY OPERATED, FUSED OR FURNISHED WITH CIRCUIT BREAKERS, AND ARRANGED TO BE LOCKED IN THE "OPEN" POSITION. ALSO, ACCESS CARD READER DEVICES SHALL BE PROVIDED FOR INSTALLATION BY THE ELEVATOR CONTRACTOR IN THE ELEVATOR CAR OPERATION STATIONS. ELECTRICAL WIRING CONNECTING BETWEEN THE CARD READER MASTER CONTROL STATION LOCATED IN THE MACHINE ROOM AND THE ELEVATOR CONTROL EQUIPMENT SHALL BE PROVIDED BY THE ELEVATOR CONTRACTOR.
- 120 VOLTS, 1 PHASE, 60 HERTZ, 15A DUPLEX OUTLET (ON EMERGENCY POWER CIRCUIT, IF AVAILABLE) IN SECURITY OFFICE FOR ELEVATOR REMOTE MONITOR AND CONTROL STATION.
- A 2" EMPTY CONDUIT SHALL BE PROVIDED BETWEEN EACH ELEVATOR OR GROUP OF ELEVATORS AND REMOTE CONTROL PANEL AS LOCATED BY THE ARCHITECT. WIRING AND CONNECTIONS SHALL BE PROVIDED BY THE ELEVATOR CONTRACTOR.
- CLOSED CIRCUIT TV CAMERA (IF REQUIRED) IN EACH ELEVATOR CAB ENCLOSURE AND CONDUIT AND WIRING WITH FINAL CONNECTIONS TO THE BUILDING SECURITY SYSTEMS. THE ELEVATOR CONTRACTOR SHALL PROVIDE POWER SOURCE ON TOP OF EACH CAR AND WIRING FROM THE SECURITY ITEMS IN THE CAB TO A TERMINAL STRIP LOCATED IN ELEVATOR MACHINE ROOM.
- TELEPHONE COMMUNICATION WIRING TERMINATING IN A JUNCTION BOX LOCATED IN EACH ELEVATOR MACHINE ROOM AND ADJACENT TO ELEVATOR REMOTE CONTROL AND MONITOR PANEL.
- PROVIDE A DEDICATED OUTSIDE TELEPHONE LINE PER GROUP OF ELEVATORS IN THE MACHINE ROOM IF ELEVATORS ARE REMOTELY MONITORED BY ELEVATOR COMPANY.
- 120 VOLTS, 1 PHASE, 60 HERTZ, 15A DUPLEX (ON EMERGENCY POWER CIRCUIT, IF AVAILABLE) IN MACHINE ROOM FOR INTERCOMMUNICATIONS SYSTEM.
- 120 VOLTS, 1 PHASE, 60 HERTZ, 15A DUPLEX OUTLET (ON EMERGENCY POWER CIRCUIT, IF AVAILABLE) FOR ELEVATOR REMOTE MONITOR AND CONTROL PANEL(S) AND ADDITIONAL DUPLEX OUTLETS OF THE SAME SPECIFICATIONS FOR EACH INTERCOM MASTER STATION.
- PROVIDE SPEAKERS FOR INSTALLATION IN EACH ELEVATOR IN ADDITION TO SYSTEMS WIRING AS REQUIRED, TERMINATING IN THE MACHINE ROOM OF EACH ELEVATOR.

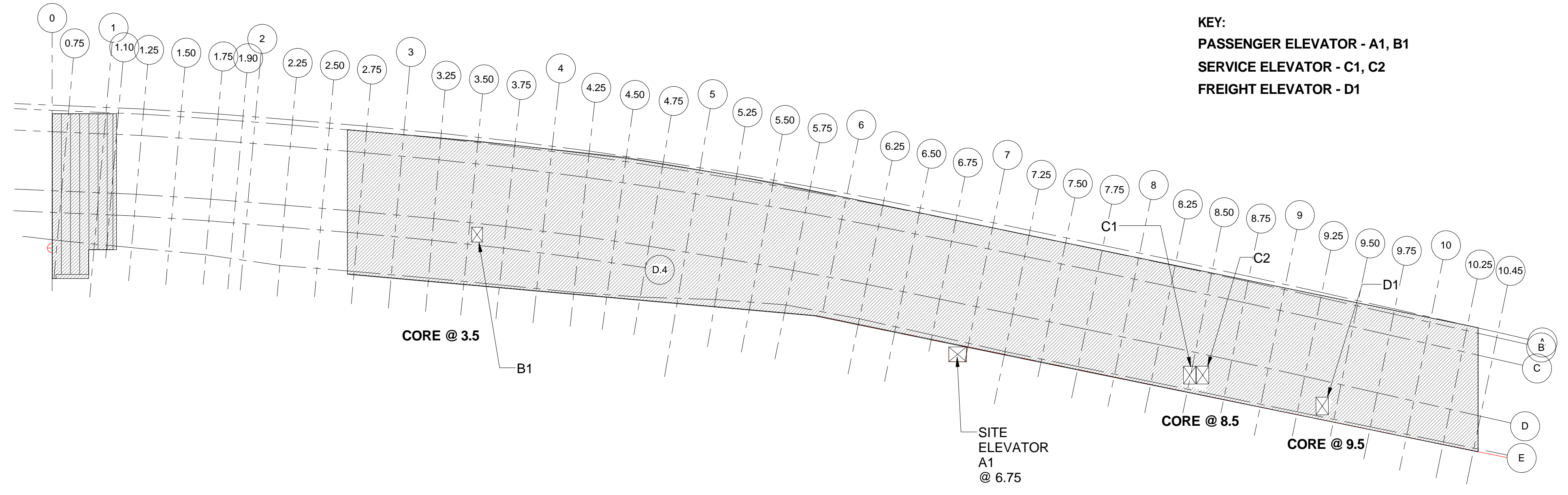
- ELEVATOR HOISTWAY VENTILATION TO OUTER AIR (MIN. OF 3.0 SQ. FT FREE AREA OR 3-1/2 PERCENT OF THE AREA OF EACH HOISTWAY WHICHEVER IS GREATER) NOT LESS THAN 1/3 PERMANENTLY OPEN AND THE BALANCE AUTOMATICALLY OPENED BY A DAMPER.
- DRAINS OR PERMANENT SUMP PUMPS IN PITS TO PREVENT ACCUMULATION OF WATER.
- FIRE EXTINGUISHER IN EACH MACHINE ROOM.
- ADEQUATE VENTILATION FOR ELEVATOR MACHINE ROOM, INCLUDING A MEAS TO MAINTAIN TEMPERATURE RANGE OF 55° TO 95°F WITH RELATIVE HUMIDITY NOT EXCEEDING 95% NON-CONDENSING. THE TEMPERATURE AND HUMIDITY RANGE SHALL BE PERMANENTLY POSTED IN MACHINE ROOM. PROVIDE VENTILATION DIRECTLY TO THE OUTSIDE AIR NATURALLY OR MECHANICALLY, IN ACCORDANCE APPENDIX K OF NYC.
- OTHER EQUIPMENT SUCH AS PIPES, CONDUITS, DUCTS, COMMUNICATION DEVICES, ETC., NOT USED IN CONNECTION WITH THE OPERATION OF THE ELEVATOR SYSTEM ARE NOT ALLOWED TO BE LOCATED, PASS THROUGH THE MACHINE ROOM, CONTROL ROOM, MACHINE SPACE, HOISTWAY OR PITS.
- WHEN FIRE SERVICE ELEVATOR IS REQUIRED BY CODE, PROVIDE HOISTWAY LIGHTING THAT IS ACTIVATED BY FIREFIGHTERS EMERGENCY OPERATION. THE ENTIRE HEIGHT OF THE HOISTWAY SHALL BE ILLUMINATED AT NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED FROM THE TOP OF THE CAR OF EACH FIRE SERVICE ACCESS ELEVATOR.

ARCHITECTURAL AND STRUCTURAL REQUIREMENTS:

- RATED MACHINE ROOM, PIT AND SECONDARY AREA ACCESS DOORS WITH AUTOMATIC CLOSING DEVICE AND SELF-LATCHING LOCK MECHANISMS THAT MAY BE OPENED FROM THE INSIDE WITHOUT A KEY.
- PROTECTING HOISTWAY AND MACHINE ROOMS DURING CONSTRUCTION.
- STRUCTURAL SUPPORTS FOR RAIL BRACKETS (14'-0" INTERVALS, MAXIMUM), INTERMEDIATE AND DIVIDER BEAMS, AND MACHINE SUPPORT BEAMS.
- MACHINE ROOM SLAB, CONCRETE ELEVATOR PIT, SUPPORTS FOR BUFFERS, SILL RECESSES/SUPPORTS, DRAINS, SUMP PITS, SUMP PUMPS AND GRATING COVERS.
- ACCESS LADDER AND/OR INSPECTION PLATFORMS IN THE GRATING COVERS.
- GROUTING NEW ENTRANCE SILLS AND FRAMES.
- PATCHING, REPAIRING AND INSTALLATION OF MASONRY AND/OR DRY WALL FOR PLUMB, SMOOTH AND LEGAL ELEVATOR HOISTWAYS, WALLS OF HOISTWAYS, WHERE ENTRANCES ARE PROVIDED, SHALL BE FABRICATED AFTER ELEVATOR HAVE BEEN INSTALLED.
- BARRICADES TO PROTECT THE HOISTWAY OPENING DURING THE PERIOD OF INSTALLATION OF ELEVATOR EQUIPMENT.
- PROTECTION OF EACH HOISTWAY ENTRANCE HEAD AND SIDE JAMB WITH PLYWOOD AFTER INSTALLATION WHILE CONSTRUCTION WORK IS IN PROGRESS.
- CONTINUOUS SILL SUPPORTS FOR THE FULL WIDTH OF EACH HOISTWAY OPENING WITH RECESS LOCATED NOT MORE THAN 2 INCHES FROM THE ELEVATOR CAR SILL PLUMB LINE.
- WATERPROOFING FOR ELEVATOR PITS, AS NECESSARY, AFTER SETTING OF ALL PUT SUPPORTING STEEL AND RAIL INSERTS.
- PROVIDE EACH WALK-IN PIT ENTRANCE DOOR WITH A SIGN READING "DANGER ELEVATOR PIT" (OR THE EQUIVALENT THEREOF) AND INCLUDE VISION PANEL(S) THAT IS GLAZED WITH CLEAR WIRED GLASS NOT LESS THAN 1/2" THICK, WILL REJECT A BALL 6" IN DIAMETER, AND HAVE AN AREA NOT MORE THAN 47 IN².
- PROVIDE ACCESS TO THE ELEVATOR MACHINE LEVELS AND/OR ROOM BY MEANS OF STAIRWAY CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL AT AN ANGLE NOT TO EXCEED 60° FROM HORIZONTAL. STAIRWAYS SHALL BE PROVIDED IN LIEU OF STRAIGHT LADDERS AND SHALL BE FURNISHED WITH HANDRAILS (42" HIGH) ON EXPOSED SIDES.
- INSIDE THE HOISTWAY, PROVIDE 75° BEVEL GUARDS ON TOP SIDES OF ALL PROJECTIONS, RECESSES OR SETBACKS OVER 2" EXCEPT ON SIDES USED FOR LOADING OR UNLOADING.
- FIRE EXTINGUISHER IN EACH MACHINE ROOM.
- MAIN LINE LOCATION SIGNAGE, A PERMANENT SIGN MUST BE LOCATED ON OR ADJACENT TO THE PHASE "KEY" SWITCH. THE SIGN MUST INDICATE THE LOCATION OF THE MAINLINE DISCONNECT SWITCHES FOR THAT BANK OF ELEVATORS. LETTERING MUST BE A MINIMUM OF 6MM HIGH IN RED OR A COLOR CONTRASTING WITH A RED BACKGROUND. (NEW YORK CITY ONLY)
- AN APPROVED PICTORIAL SIGN OF A STANDARDIZED DESIGN SHALL BE POSTED ADJACENT TO EACH ELEVATOR CALL STATION ON ALL FLOORS INSTRUCTING OCCUPANTS TO USE THE EXIT STAIRWAYS AND NOT TO USE THE ELEVATORS IN CASE OF FIRE. THE SIGN SHALL READ: "IN FIRE EMERGENCY, DO NOT USE ELEVATOR. USE EXIT STAIRS". THE EMERGENCY SIGN SHALL NOT BE REQUIRED FOR ELEVATORS THAT ARE PART OF AN ACCESSIBLE MEANS OF EGRESS COMPLYING SECTION 1007.4

ELECTRICAL POWER AND VENTILATION REQUIREMENTS AT 480 VOLT, 3 PHASE, 60 HERTZ

HYDRAULIC ELEVATORS (PER UNIT)				
DESIGNATION CAPACITY & SPEED	MOTOR H.P.	FULL LOAD RUNNING AMPS	FULL LOAD STARTING AMPS	HEAT RELEASE BTU/HOUR/UNIT
ICC PASSENGER A1 3,500# @ 100 FPM	40	75	160	25,500
PASSENGER ELEVATOR B1 3,500# @ 125 FPM	50	95	195	33,500
SERVICE ELEVATORS C1-C2 & D1 5,000# @ 125 FPM	70	140	290	48,000



KEY:
 PASSENGER ELEVATOR - A1, B1
 SERVICE ELEVATOR - C1, C2
 FREIGHT ELEVATOR - D1

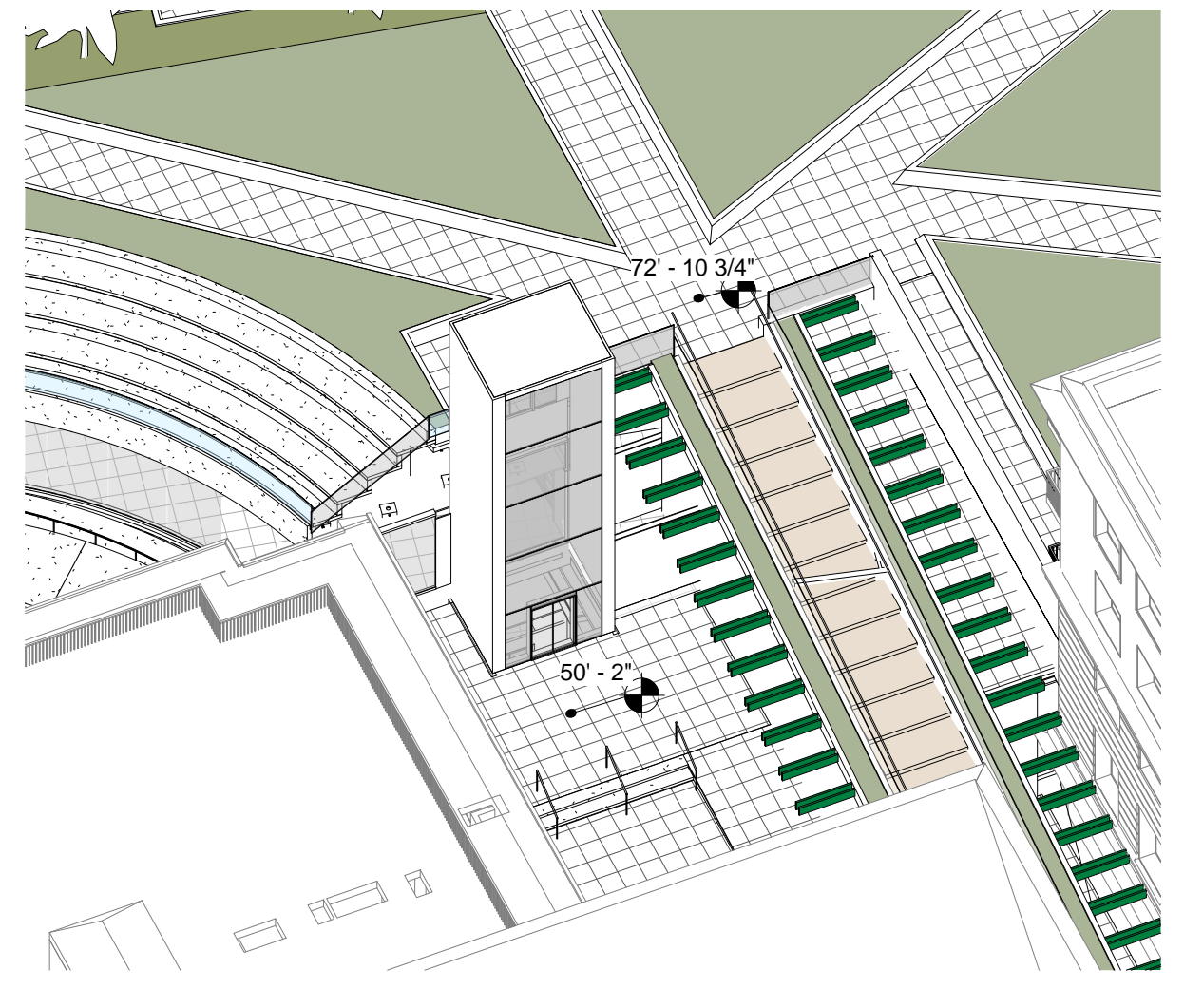
ELEVATOR CORE DIAGRAM
 SCALE: 1" = 50'-0"
3

- KEY:**
- ELEVATOR CLEAR OVERHEAD SPACE
 - ELEVATOR SCHEDULED TO STOP AT THIS FLOOR. DOOR OPENS TOWARD PRIMARY SPACE
 - ELEVATOR SCHEDULED TO STOP AT THIS FLOOR. DOOR OPENS TOWARD SECONDARY SPACE
 - ELEVATOR PIT

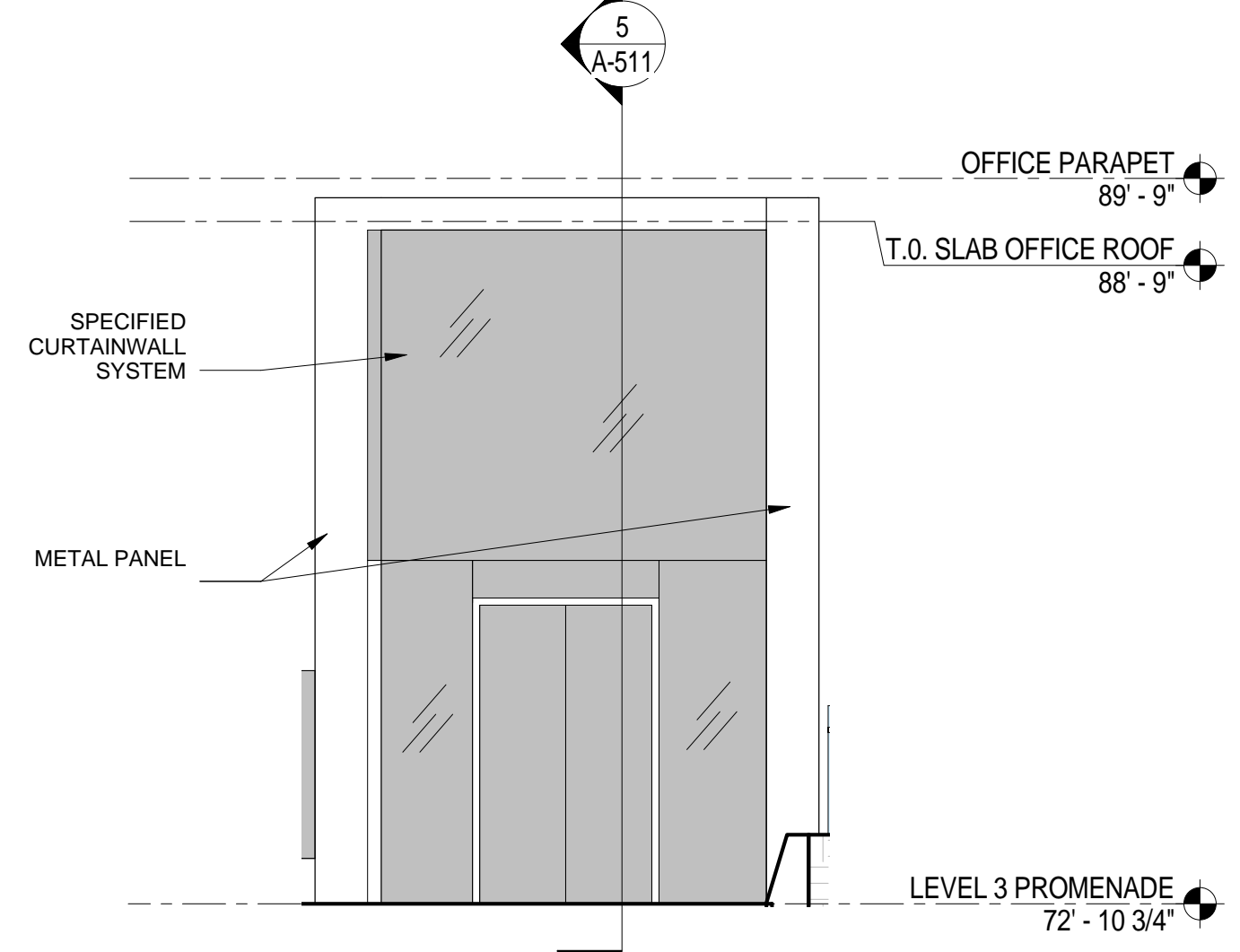


ELEVATOR RISER DIAGRAM 9.29.2015
 SCALE: 1" = 50'-0"
4

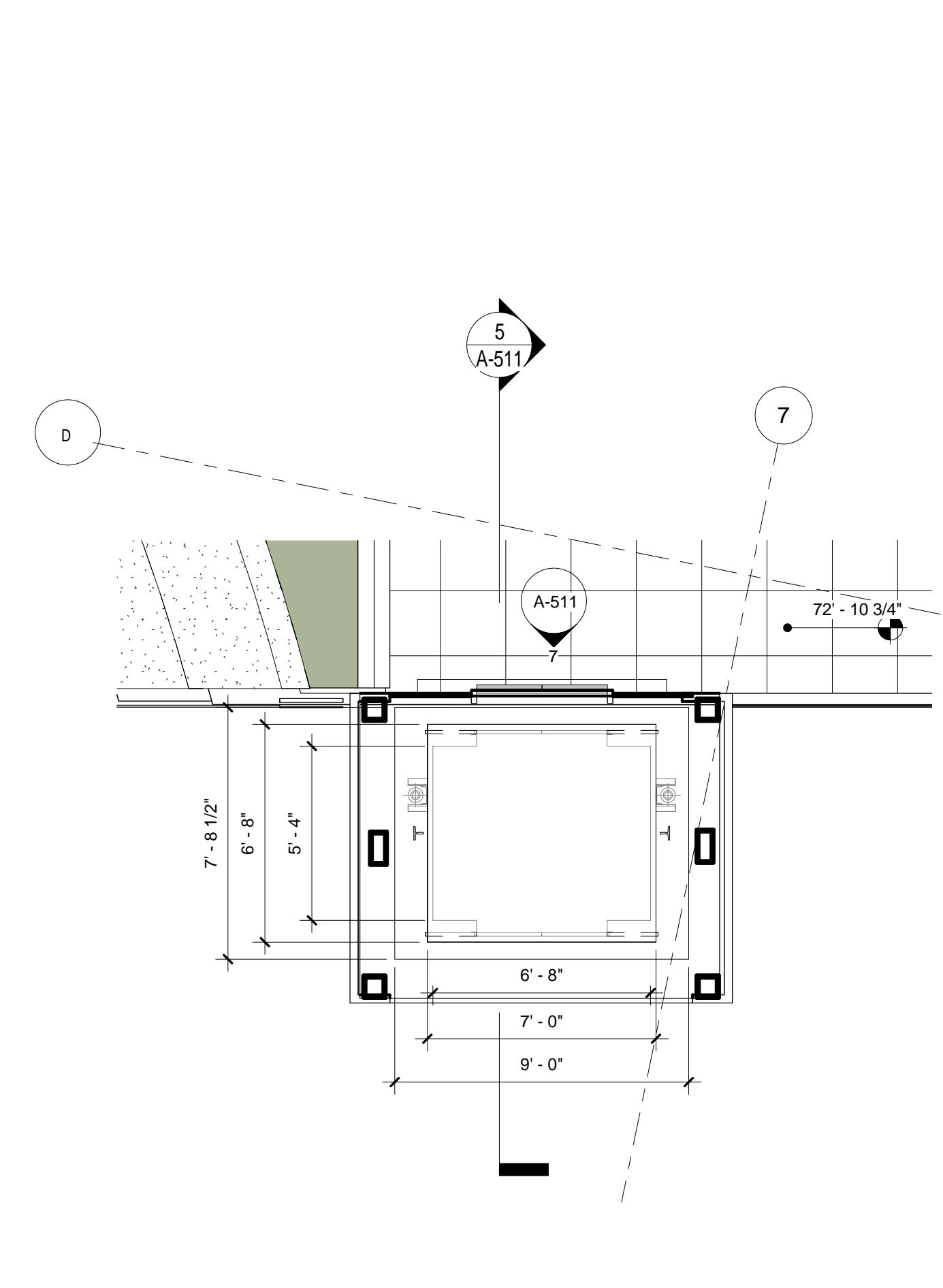
<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10085</p>	ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 589 8TH AVENUE, SUITE 1040 NEW YORK, NY 10011 T. 212.201.5790	SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 158 WEST 29TH STREET NEW YORK, NY 10018 T. 212.691.3248	ARCHITECT / ENGINEER SEAL 	LOCATION PLAN 	REV DESCRIPTION DATE 1 EXCAV. AND FOUND. PERMIT 5-JAN-15 2 ELEVATOR PACKAGE 30-JAN-15 3 DESIGN DEVELOPMENT 27-FEB-15 4 DOB SUBMISSION 12-MAR-15 5 DOB SUBMISSION 31-JULY-15 6 E&F ADDENDUM 1 31-JULY-15 7 DOB SUBMISSION 20-AUG-15 8 PROGRESS SET 30-OCT-15 9 DOB SUBMISSION -RB 16-DEC-15	ARCHITECTS PROJECT NUMBER 664.100 DRAWING SIZE 24" x 36" DRAWING SCALE As indicated PROJECT PHASE CONSTRUCTION DOCUMENTS	DRAWING TITLE VERTICAL TRANSPORTATION SCHEDULE AND NOTES DRAWING NUMBER A-500.00 SHEET 218 OF 315 © 2015 RAFAEL VINOLY ARCHITECTS PC
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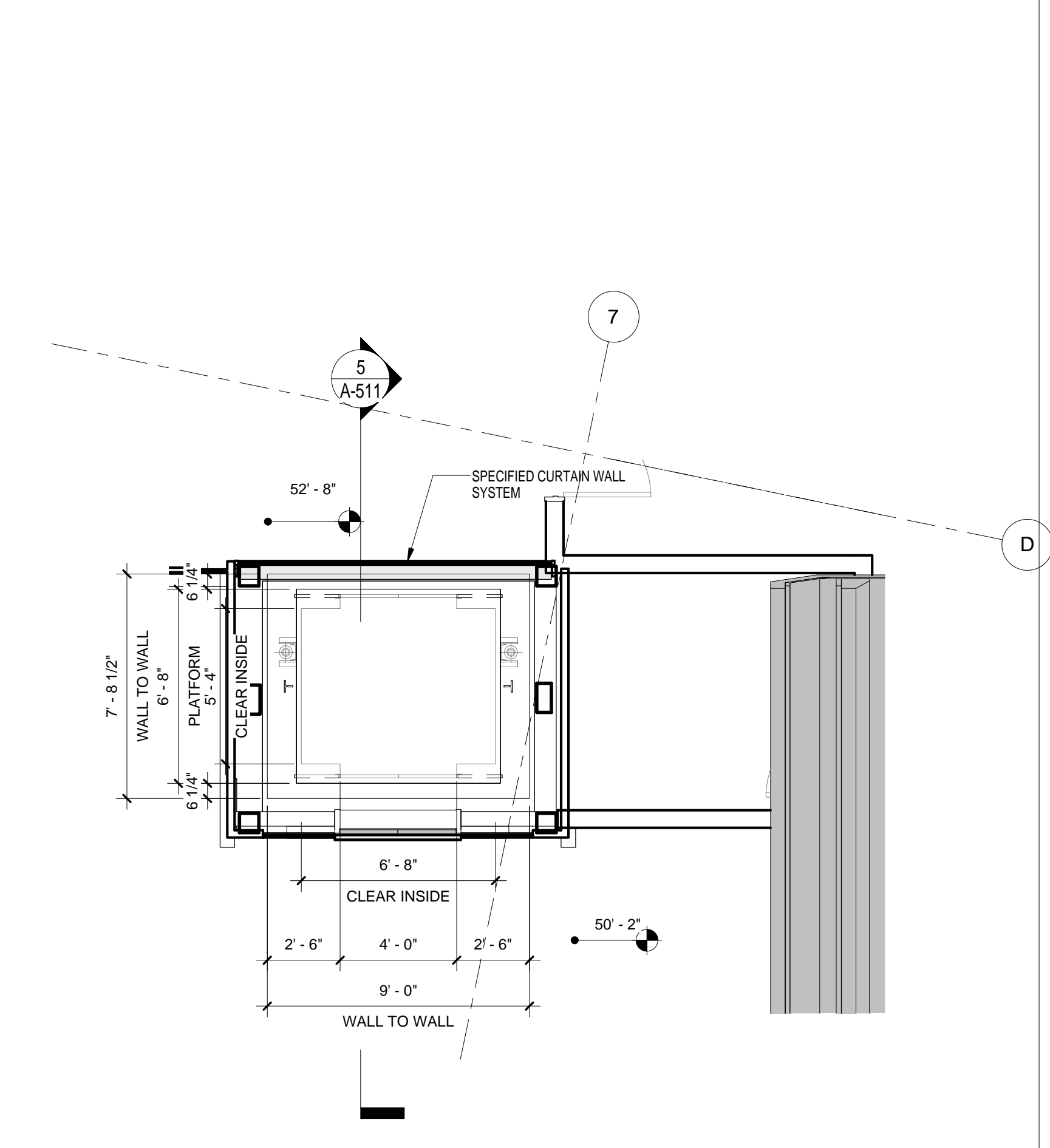
SITE ELEVATOR ISOMETRIC EAST VIEW
SCALE: 1/4" = 1'-0"



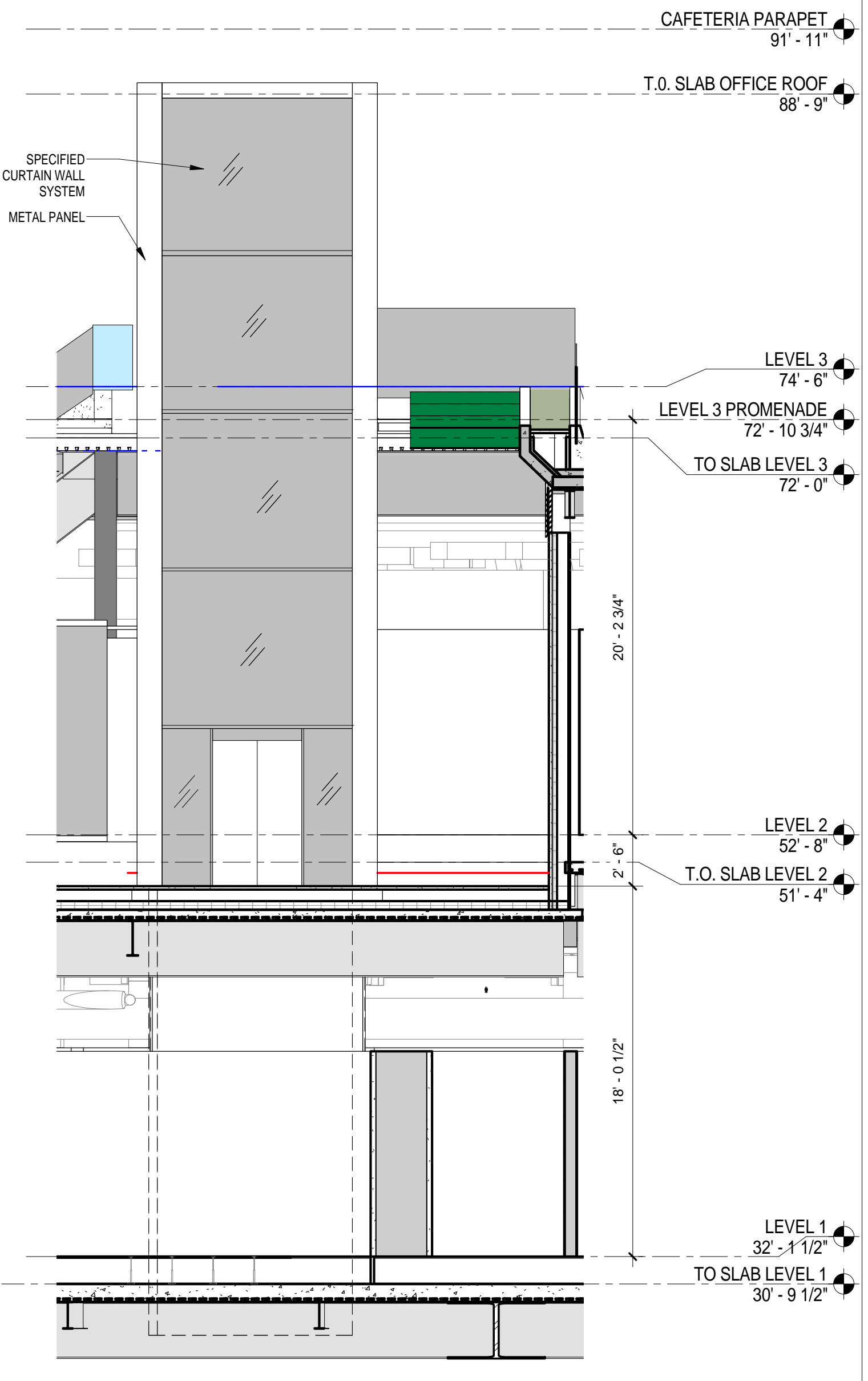
SITE ELEVATOR ELEVATION
SCALE: 1/4" = 1'-0"



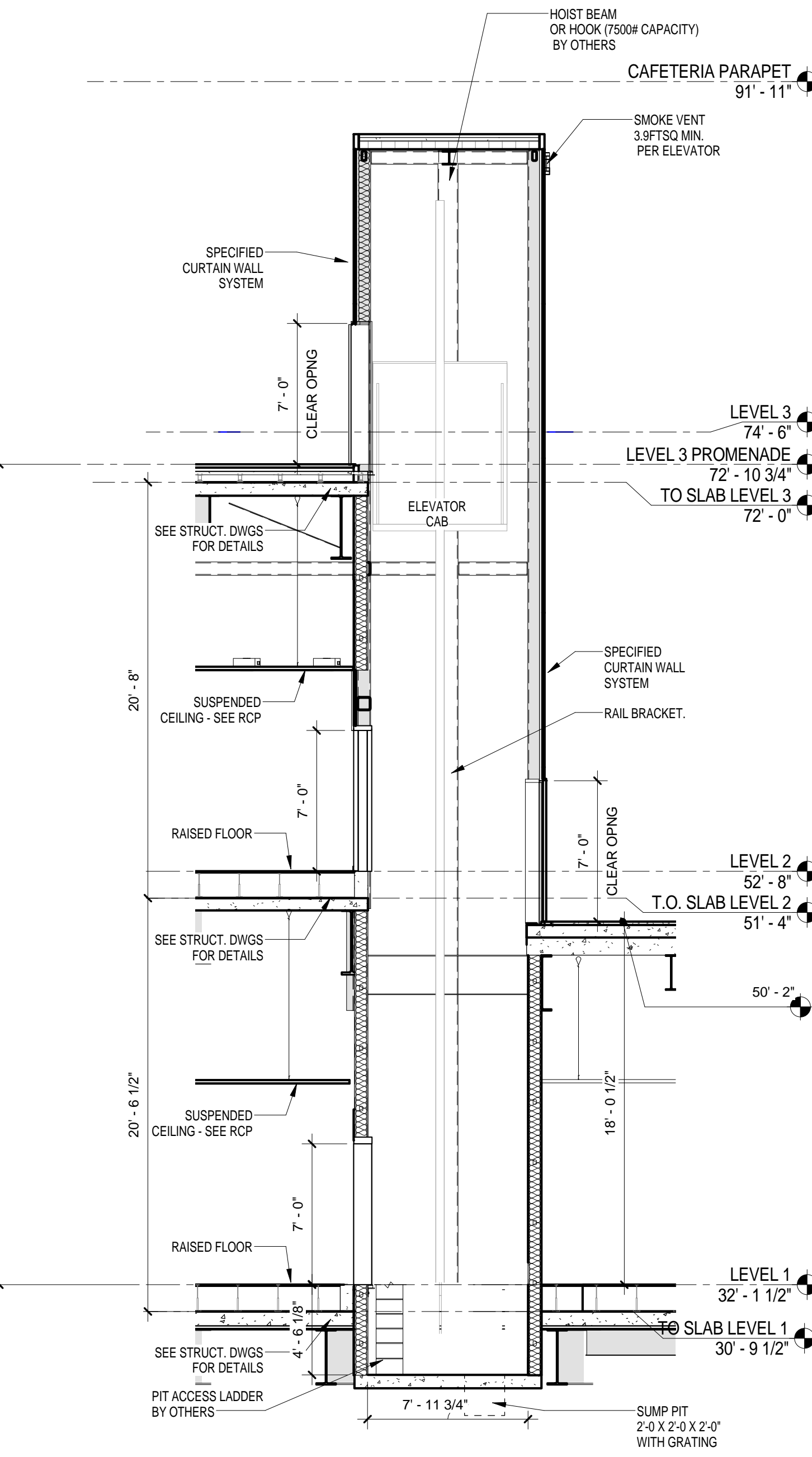
LEVEL 3 SITE ELEVATOR PLAN (ELEVATOR A1)
SCALE: 1/4" = 1'-0"



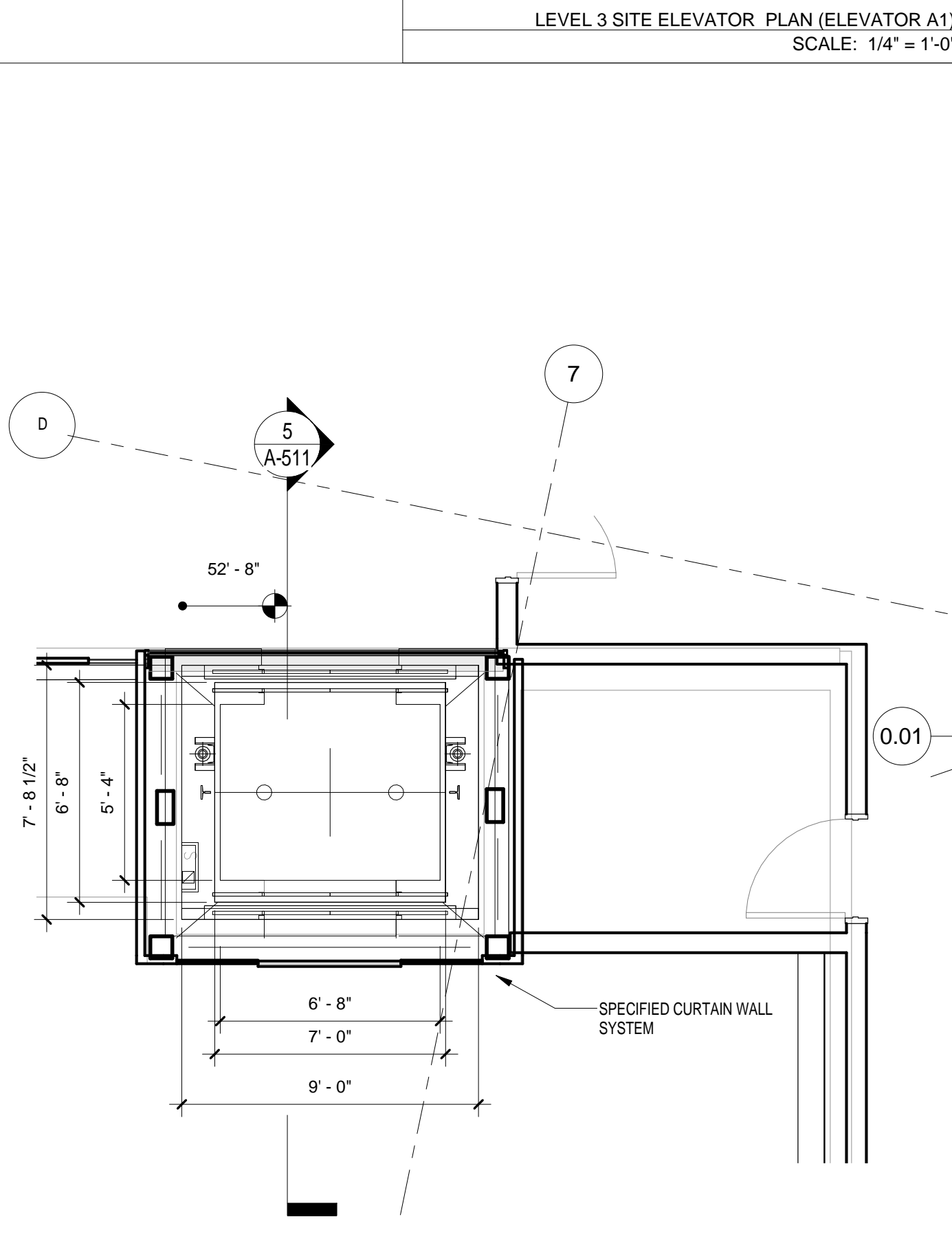
INTERMEDIATE LANDING AT AMPHITHEATRE
SCALE: 1/4" = 1'-0"



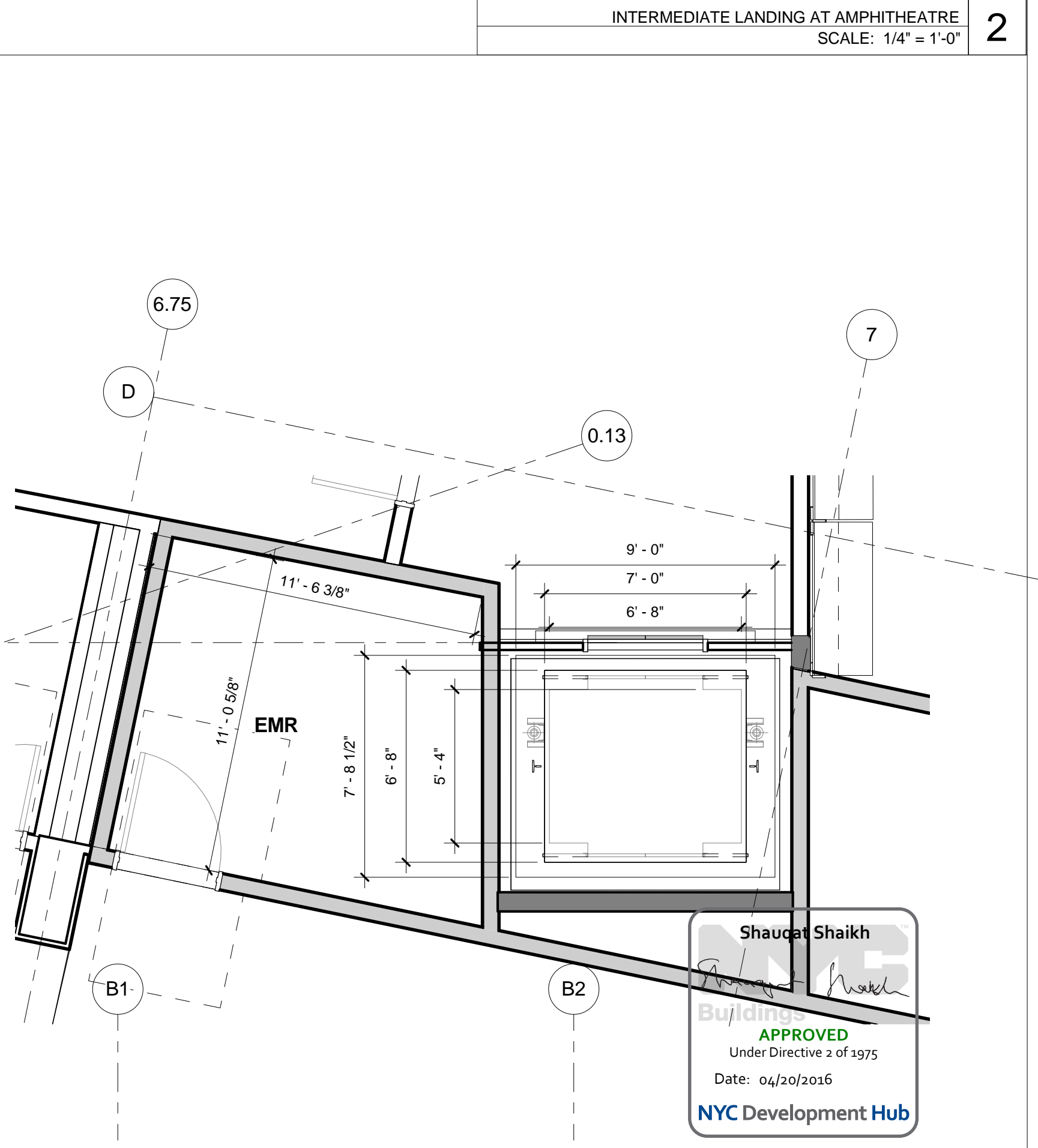
SITE ELEVATOR ELEVATION
SCALE: 3/16" = 1'-0"



SITE ELEVATOR SECTION
SCALE: 3/16" = 1'-0"



LEVEL 2 ELEVATOR (ELEVATOR A1)
SCALE: 1/4" = 1'-0"



LEVEL 1 ELEVATOR (ELEVATOR A1)
SCALE: 1/4" = 1'-0"

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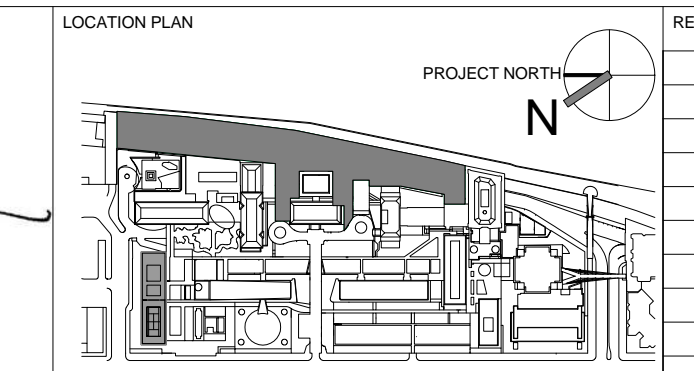
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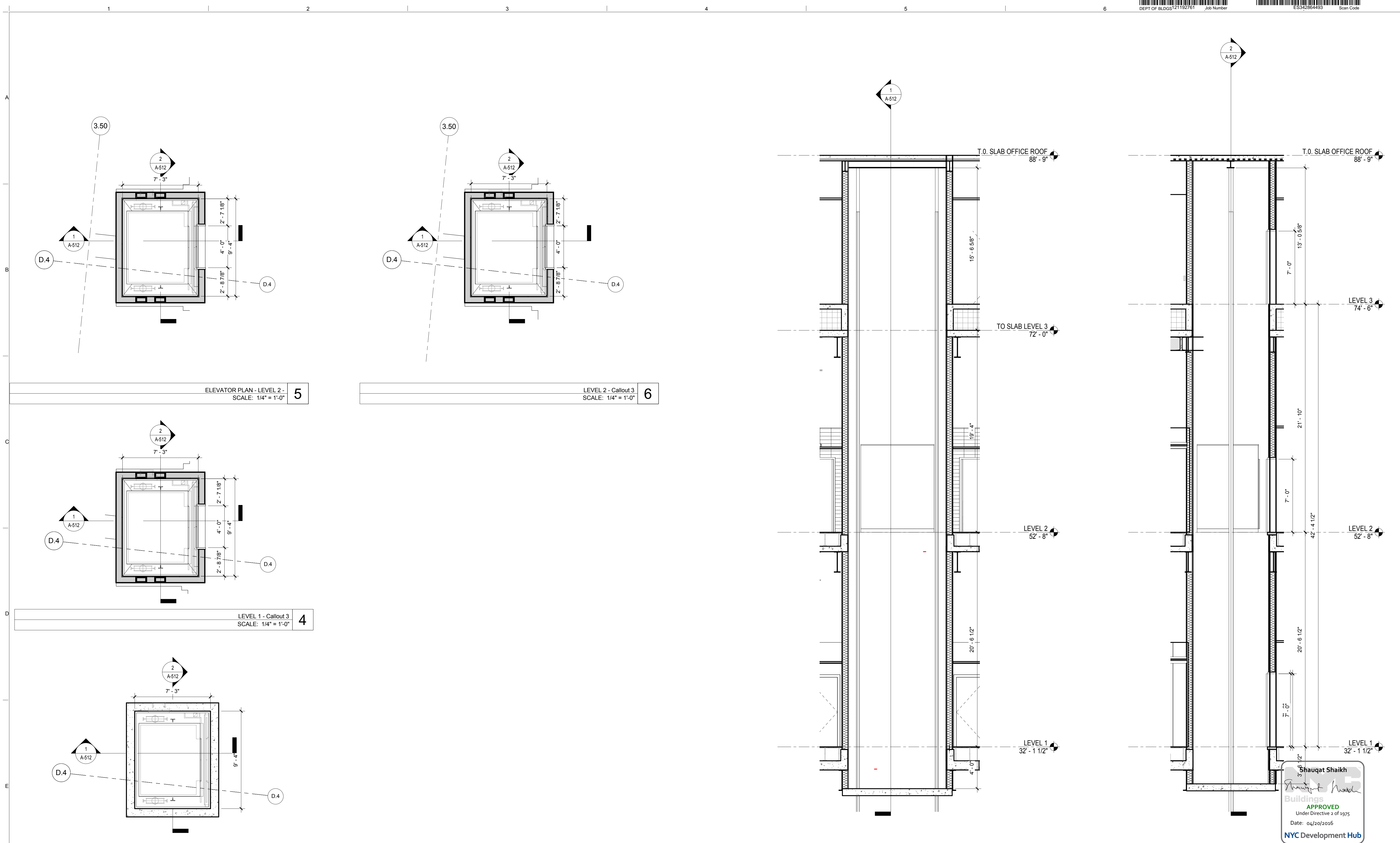


REV	DESCRIPTION	DATE
1	ELEVATOR PACKAGE	30-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
24" x 36"
DRAWING SCALE
As indicated
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
SITE ELEVATOR A1
DRAWING NUMBER
A-511.00
Sheet 219 of 315

Shaukat Shaikh
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub



ELEVATOR PLAN - LEVEL 2 -
SCALE: 1/4" = 1'-0" **5**

LEVEL 2 - Callout 3
SCALE: 1/4" = 1'-0" **6**

LEVEL 1 - Callout 3
SCALE: 1/4" = 1'-0" **4**

ELEVATOR PLAN - LEVEL C -
SCALE: 1/4" = 1'-0" **3**

ELEVATOR - B1 - SECTION B
SCALE: 1/4" = 1'-0" **2**

ELEVATOR - B1 - SECTION A
SCALE: 1/4" = 1'-0" **1**

Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

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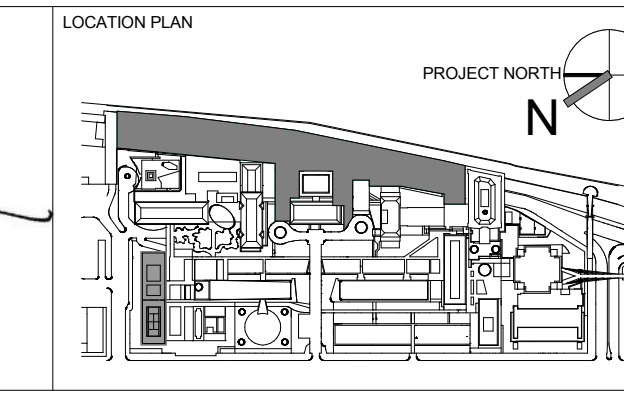
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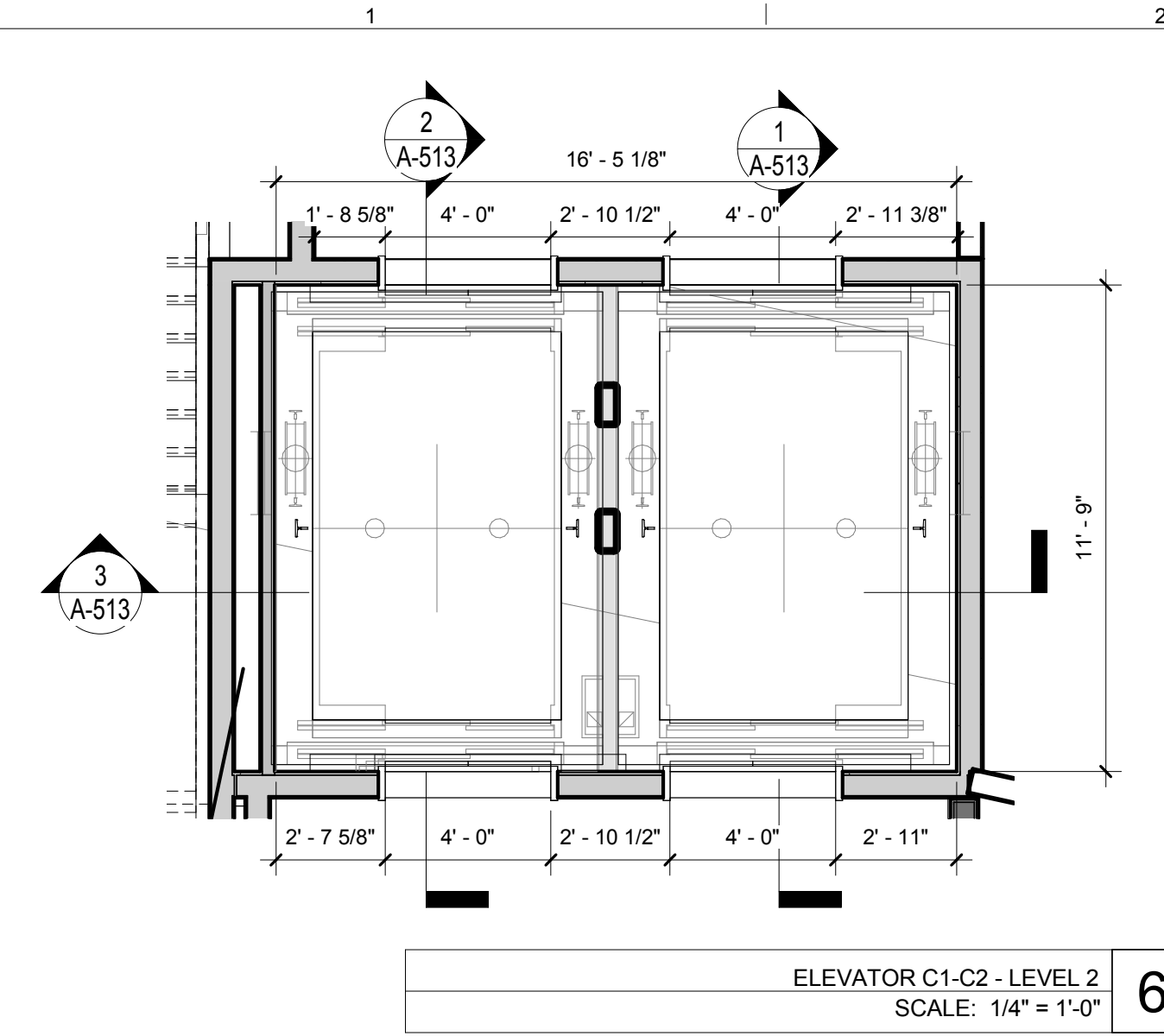
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 FLOOR PLANS AND SECTIONS
 ELEVATOR B1

DRAWING NUMBER
A-512.00

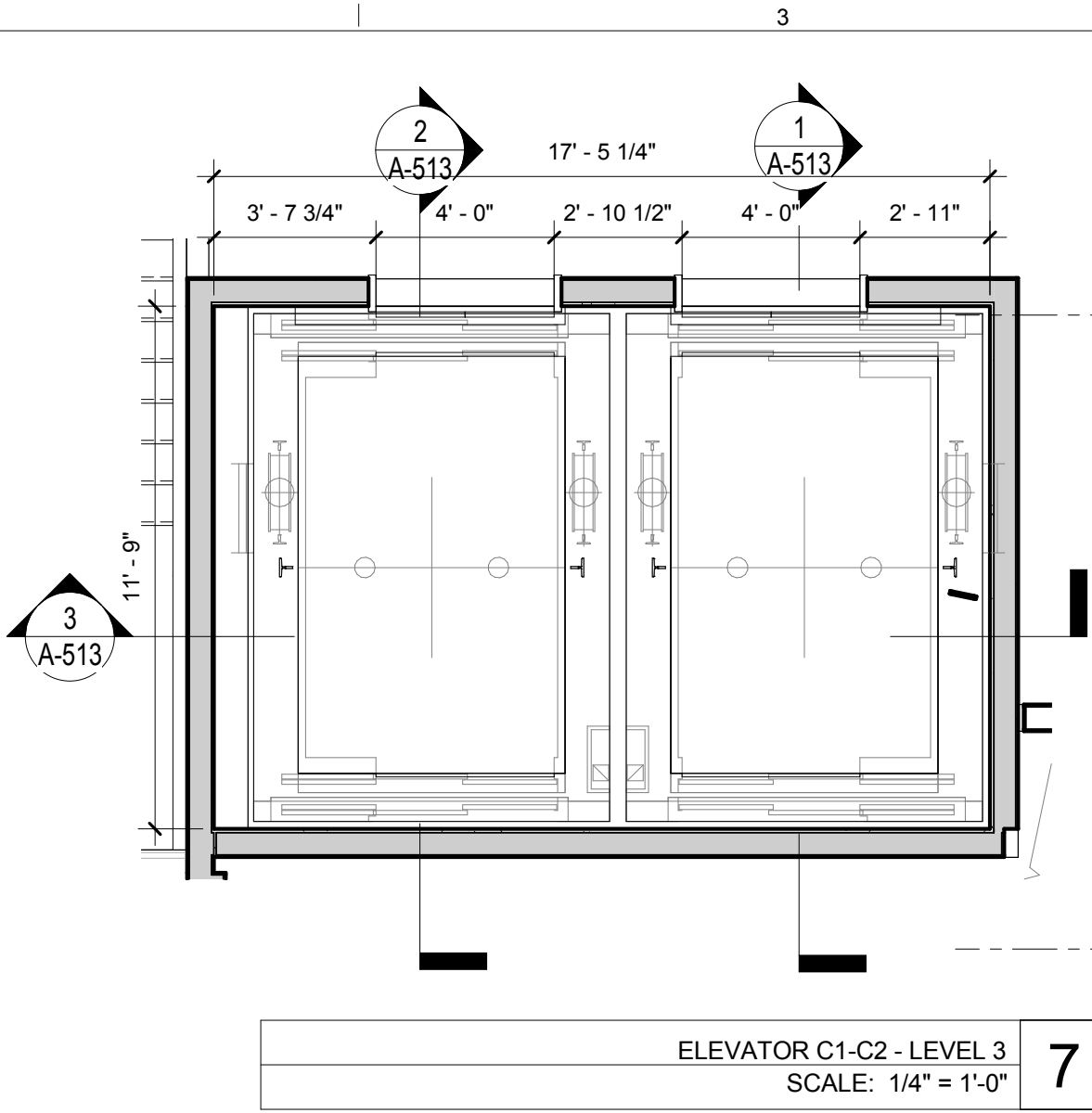
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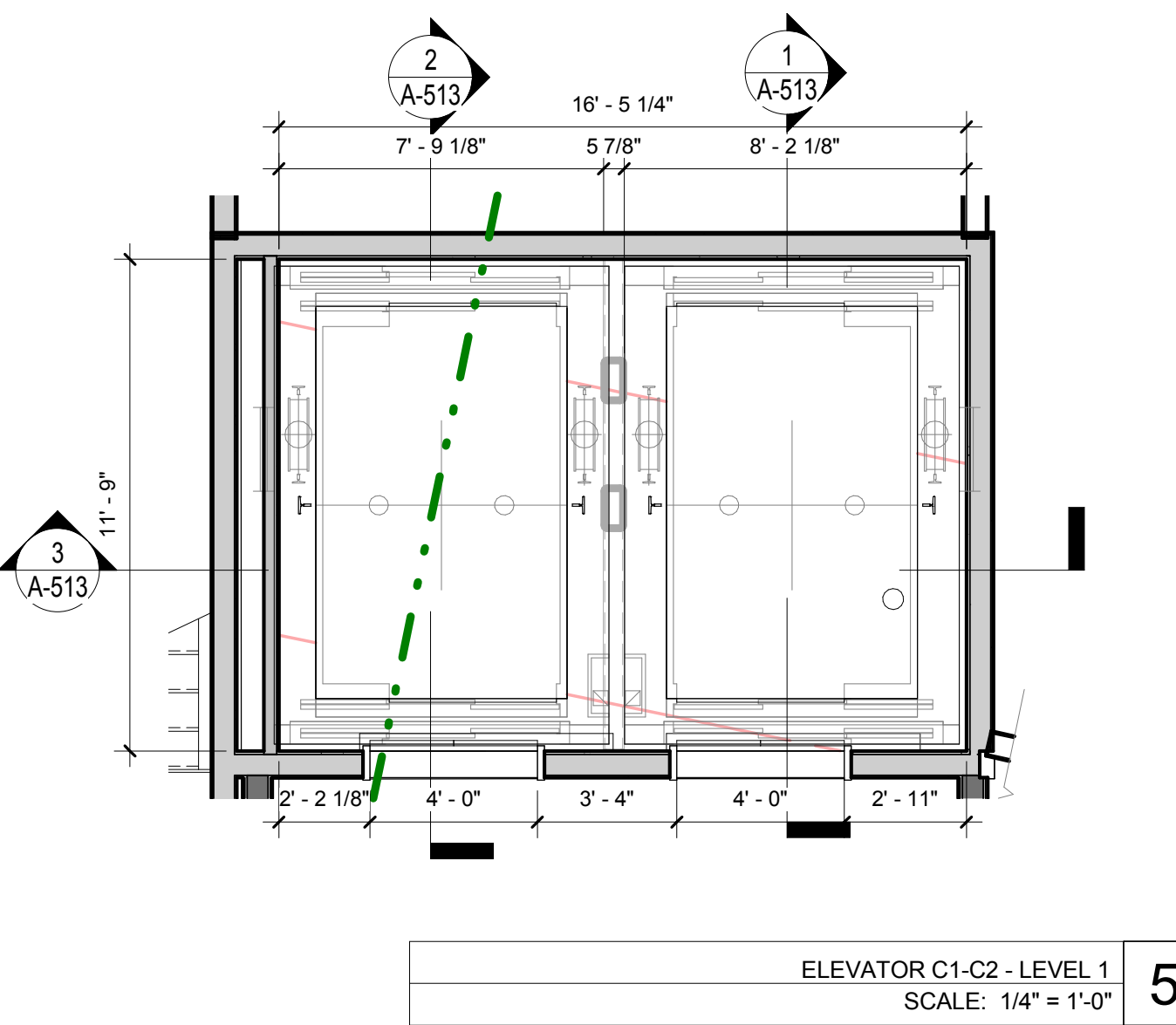
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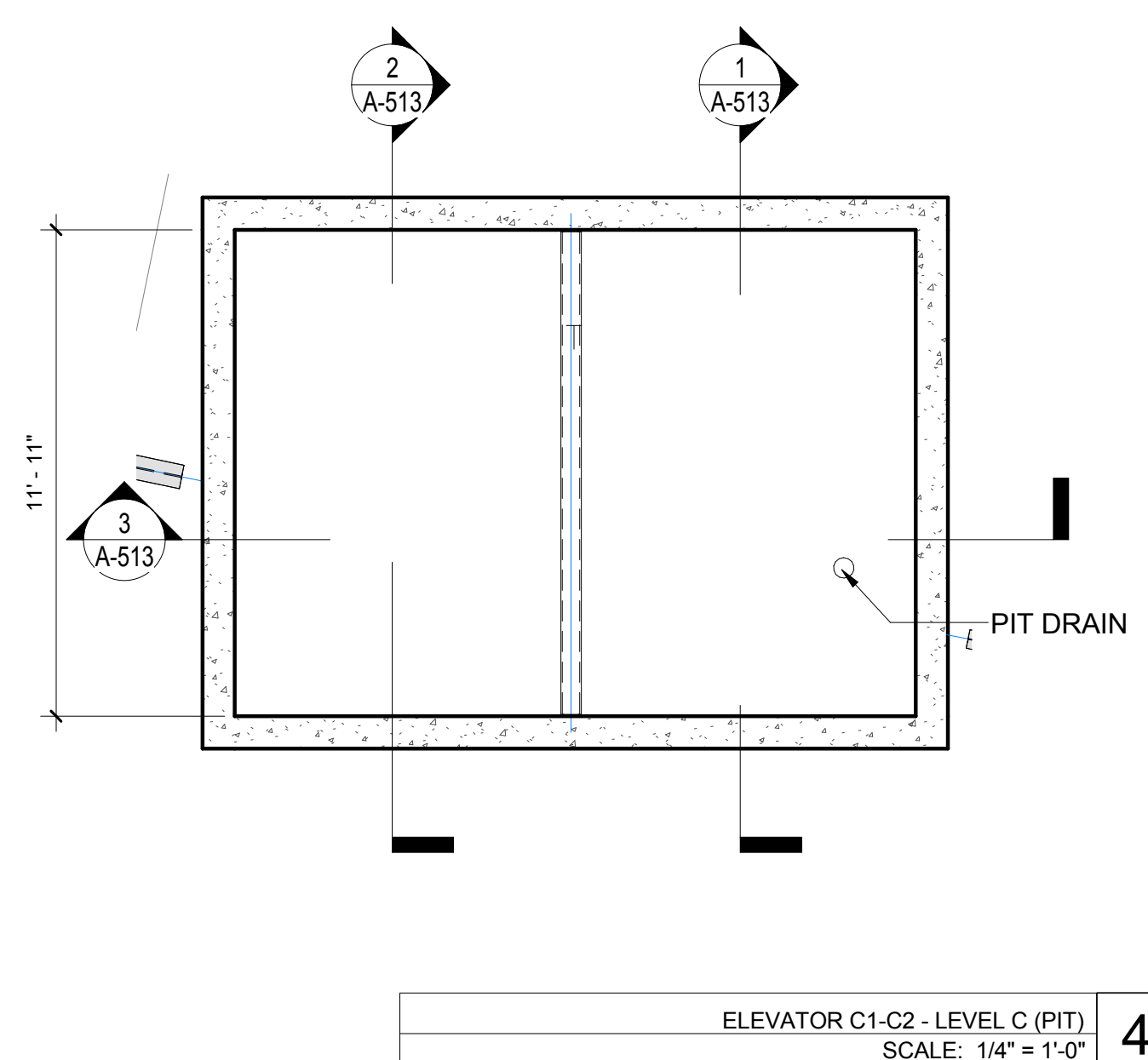
ELEVATOR C1-C2 - LEVEL 2
SCALE: 1/4" = 1'-0" 6



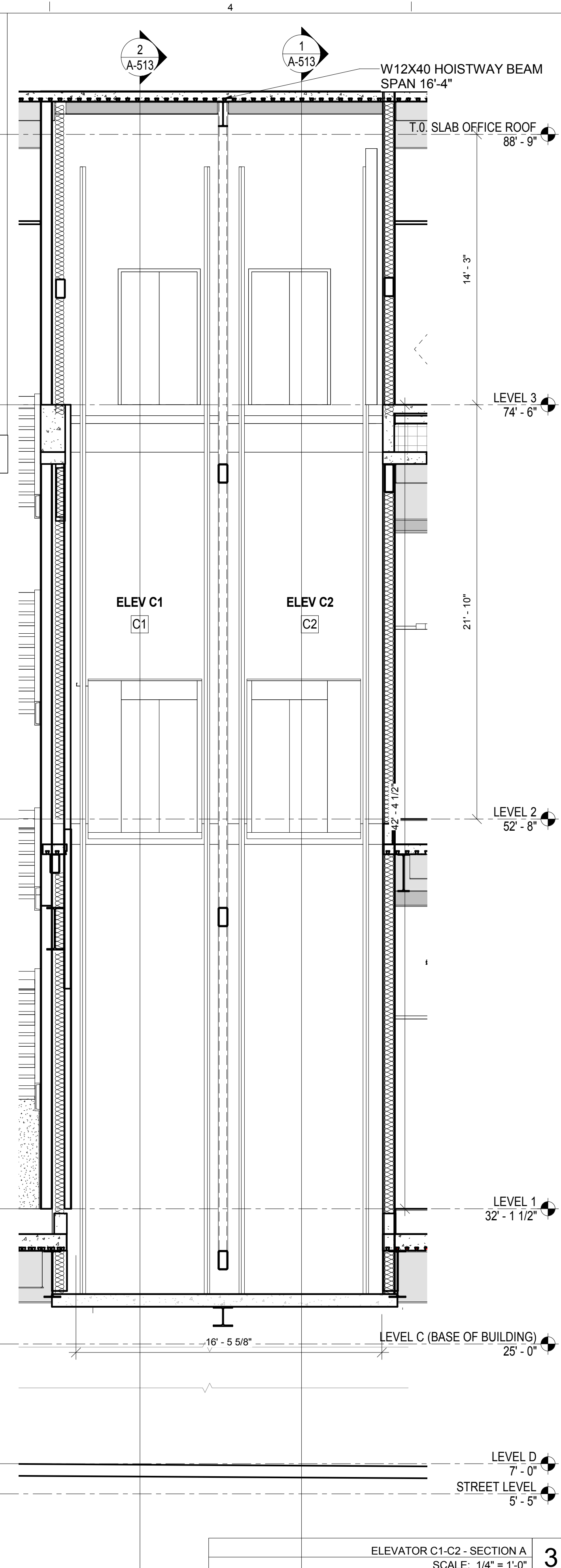
ELEVATOR C1-C2 - LEVEL 3
SCALE: 1/4" = 1'-0" 7



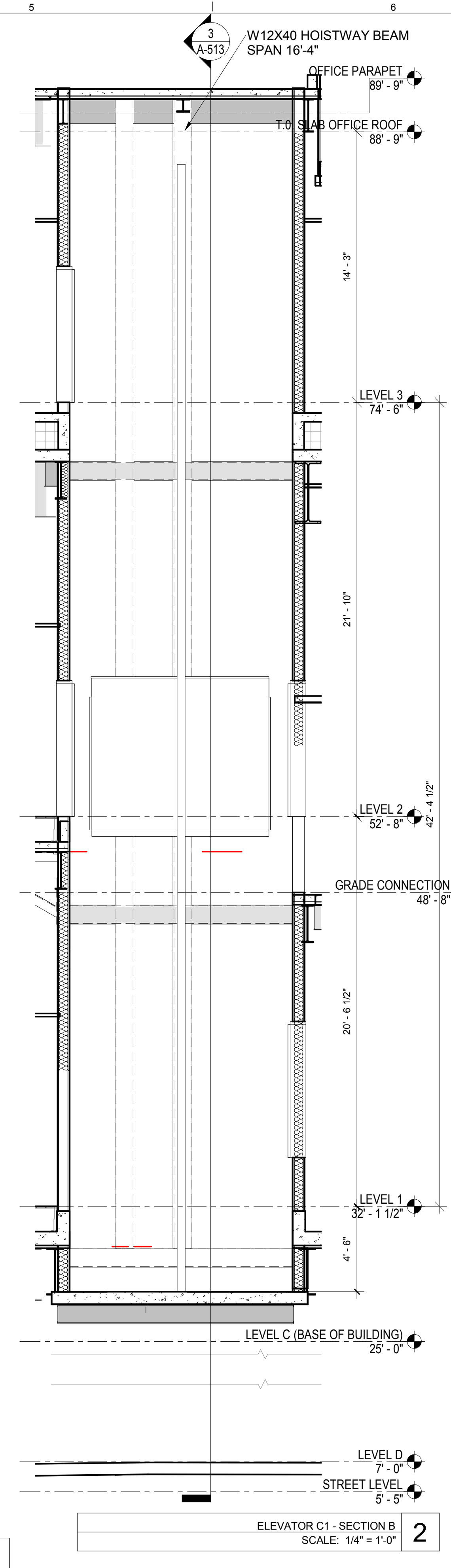
ELEVATOR C1-C2 - LEVEL 1
SCALE: 1/4" = 1'-0" 5



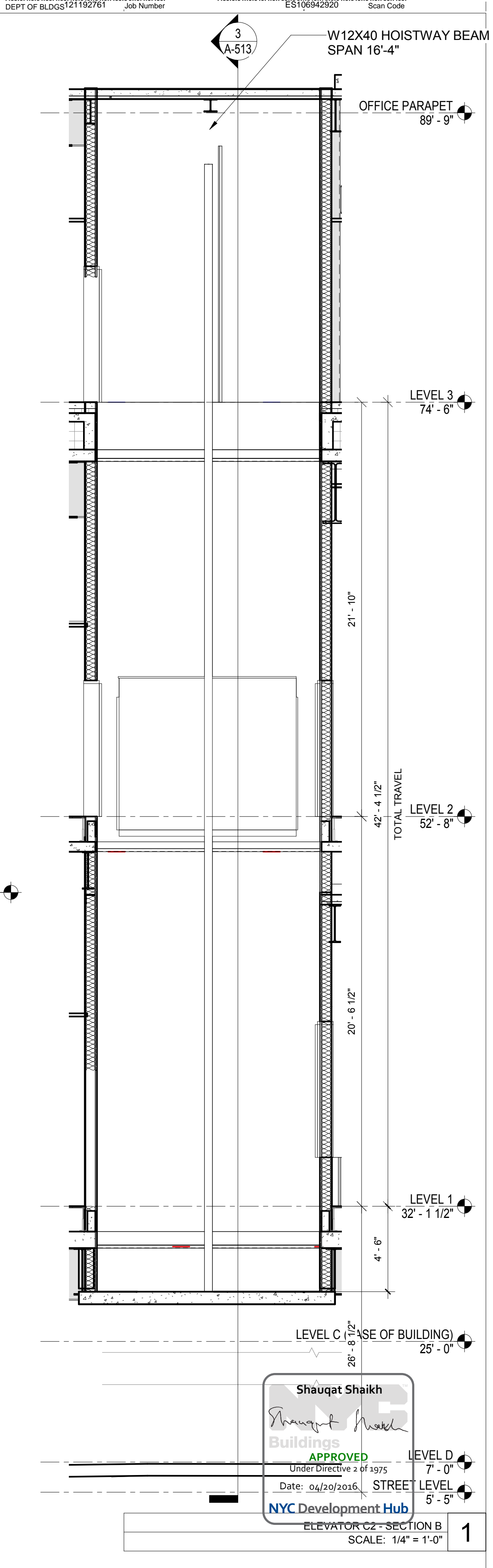
ELEVATOR C1-C2 - LEVEL C (PIT)
SCALE: 1/4" = 1'-0" 4



ELEVATOR C1-C2 - SECTION A
SCALE: 1/4" = 1'-0" 3



ELEVATOR C1 - SECTION B
SCALE: 1/4" = 1'-0" 2



ELEVATOR C2 - SECTION B
SCALE: 1/4" = 1'-0" 1

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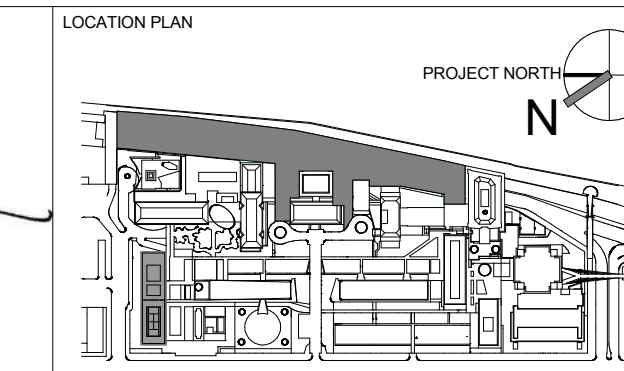
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ARCHITECT / ENGINEER SEAL
SHAUQAT SHAIKH
REGISTERED ARCHITECT
NO. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	ELEVATOR PACKAGE	30-JAN-15
2	DESIGN DEVELOPMENT	27-FEB-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	17-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/4" = 1'-0"

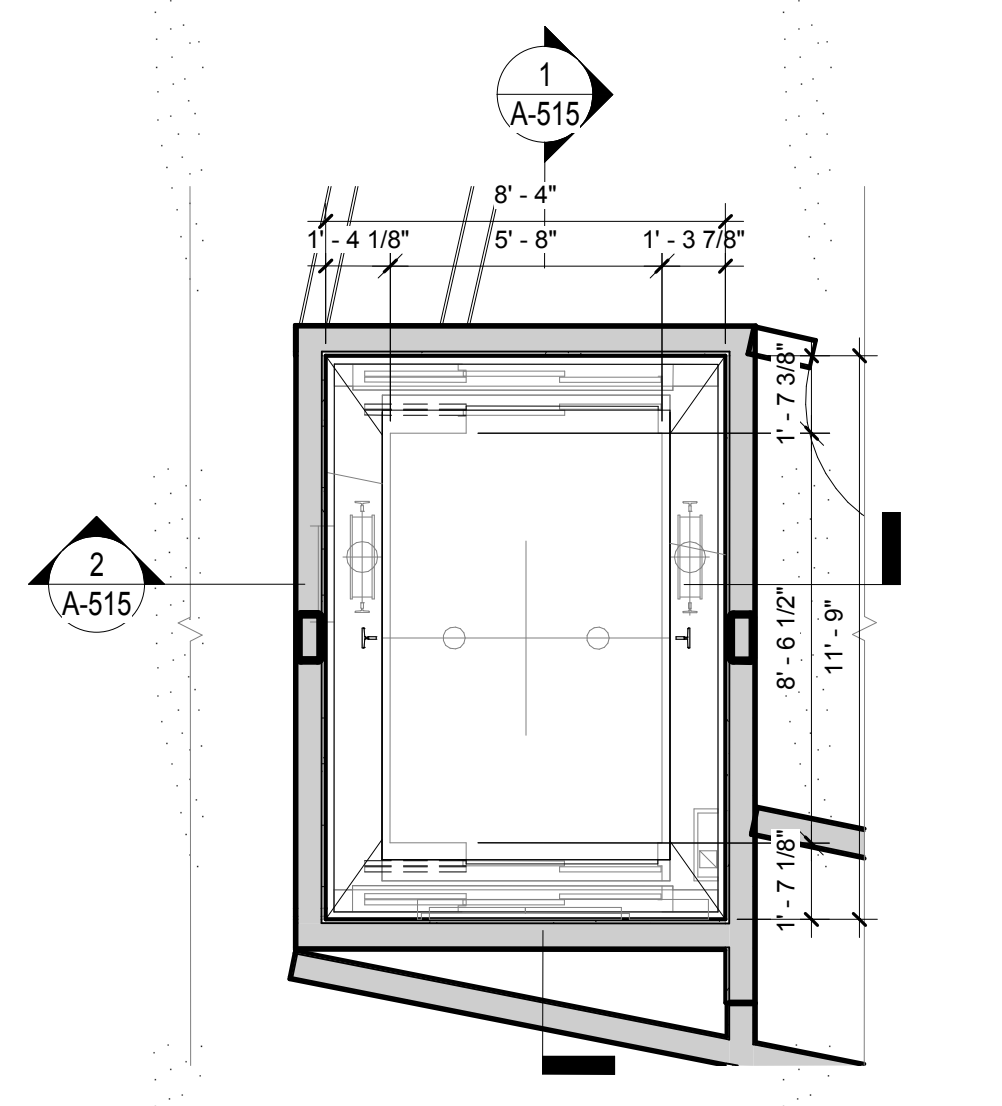
PROJECT PHASE
CONSTRUCTION DOCUMENTS

FLOOR PLANS AND SECTIONS ELEVATOR C1 & C2

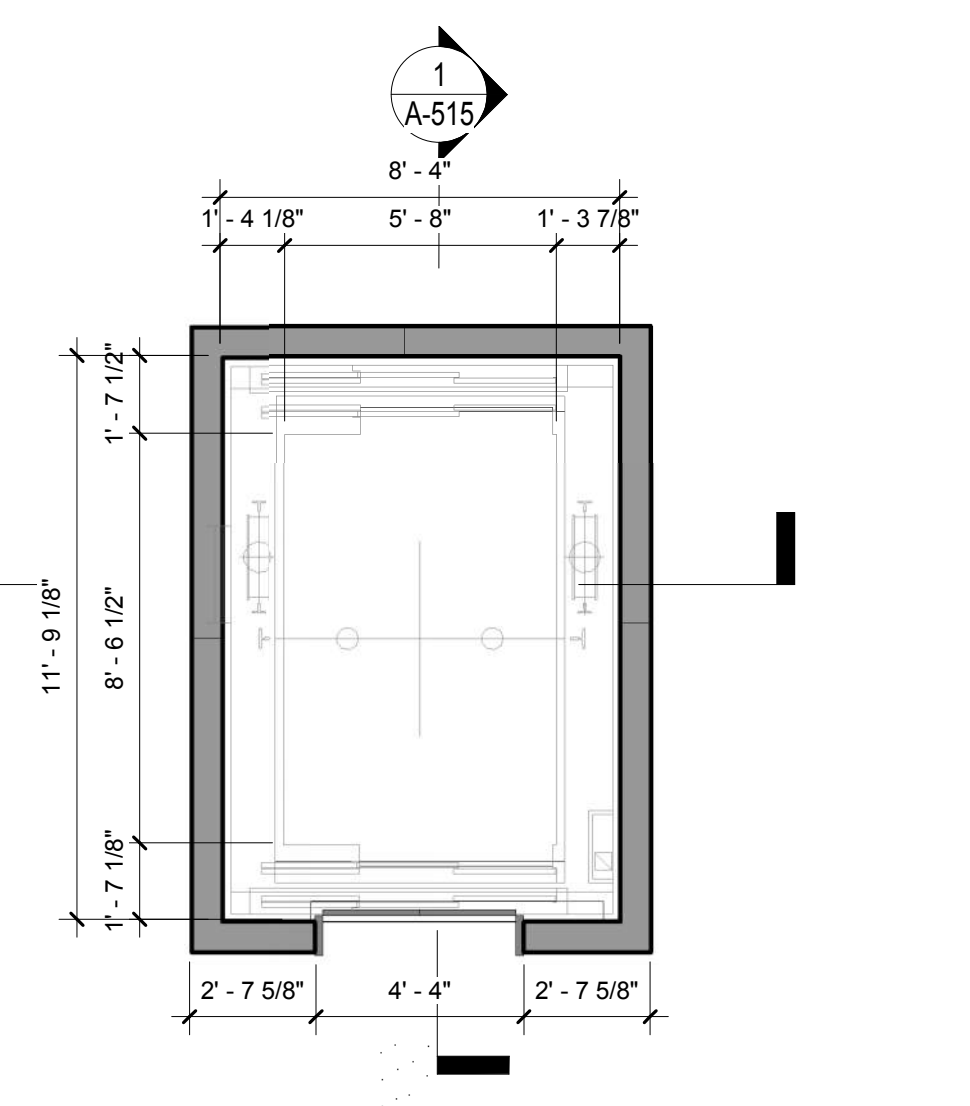
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A-513.00

DRAWING TITLE
Sheet 221 of 315

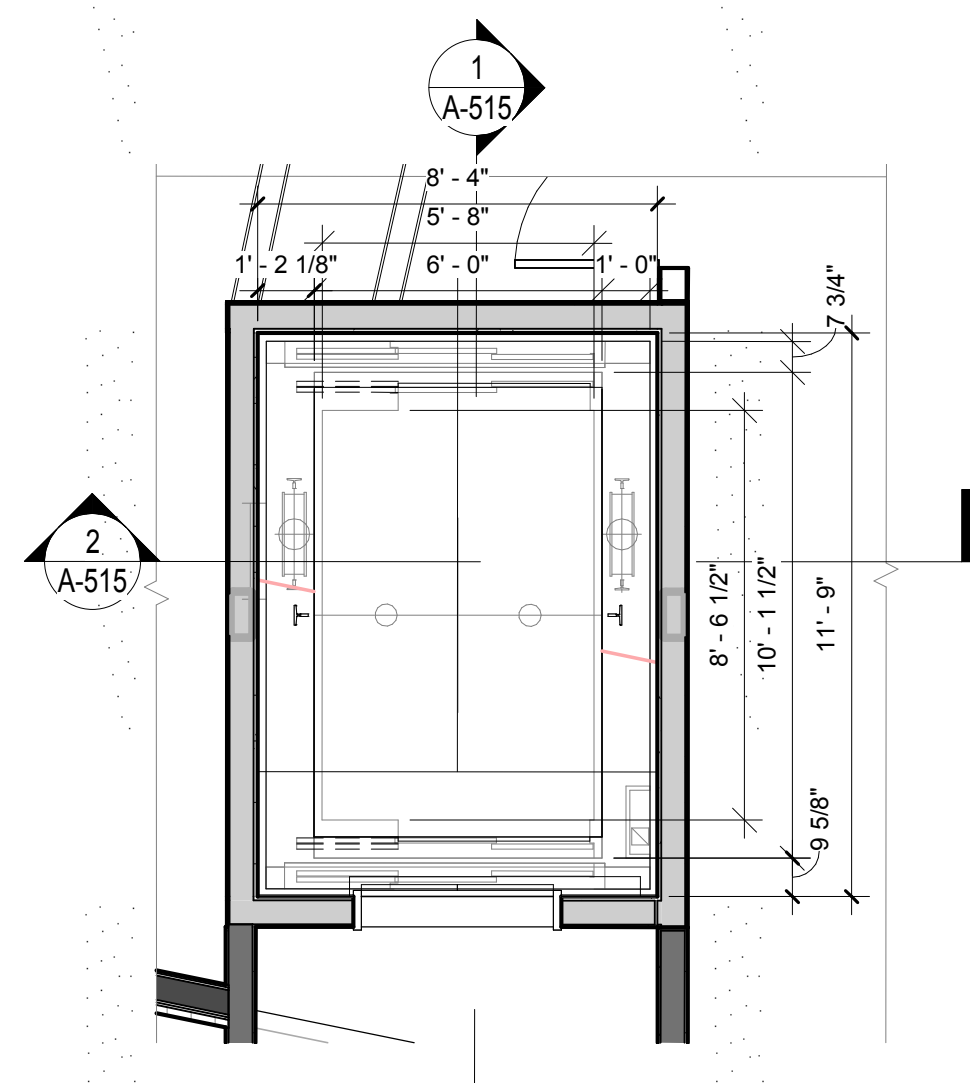
Shauqat Shaikh
APPROVED
Under Directive 2 of 1975
Date: 06/20/2016
NYC Development Hub



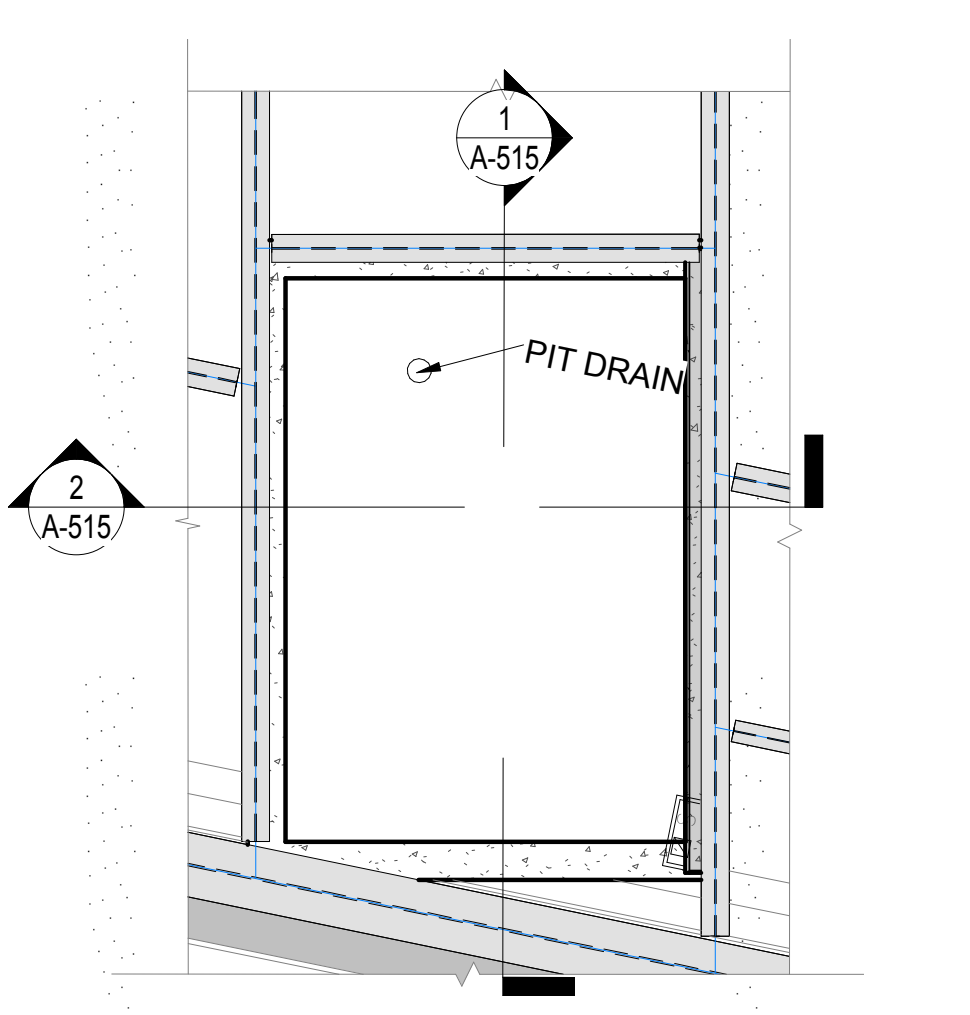
ELEVATOR D1 - LEVEL 2
SCALE: 1/4" = 1'-0" **5**



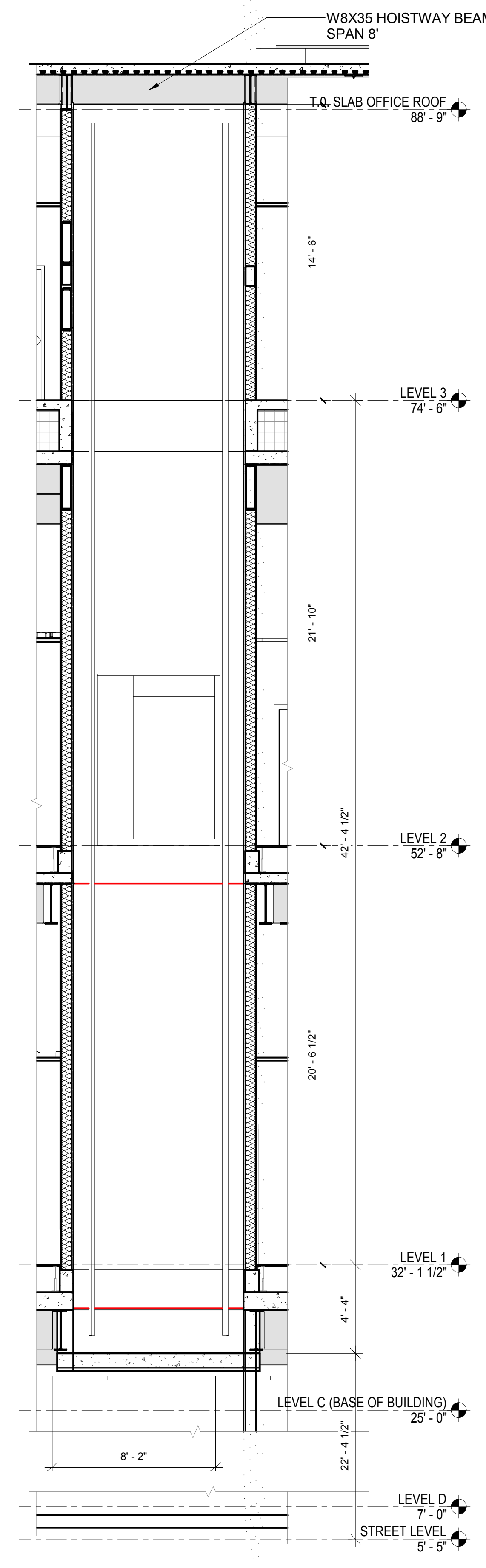
LEVEL 3(1) - Callout 1
SCALE: 1/4" = 1'-0" **6**



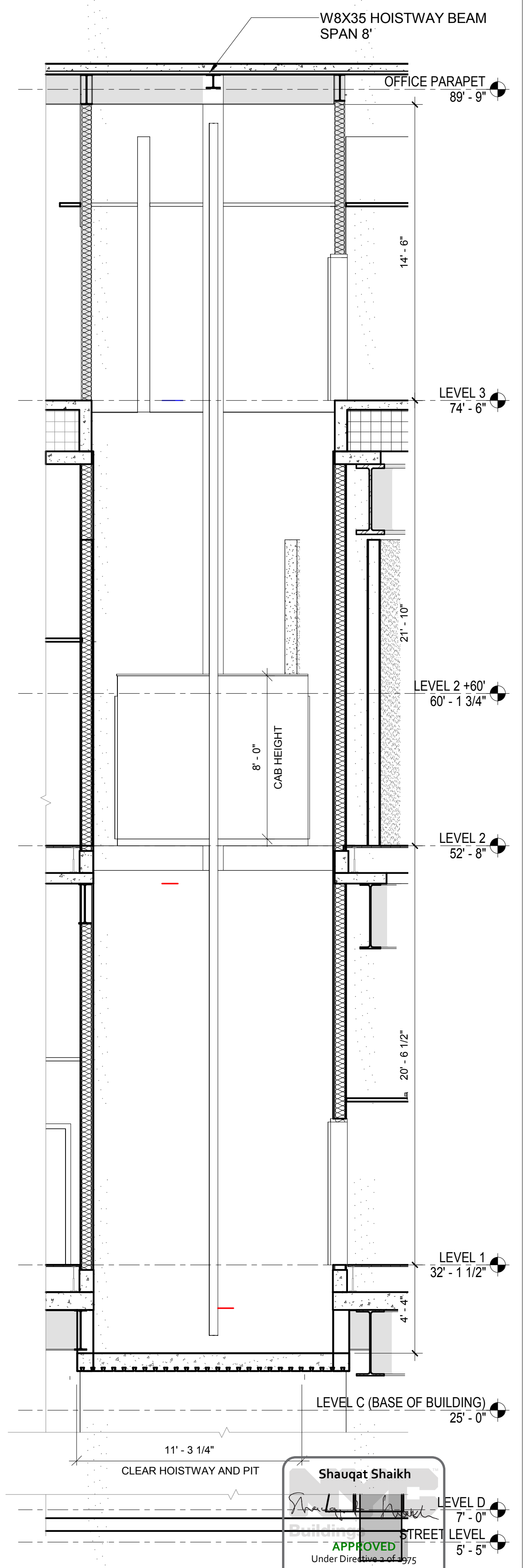
ELEVATOR D1 - LEVEL 1
SCALE: 1/4" = 1'-0" **4**



ELEVATOR PLAN D1 - LEVEL C (PIT)
SCALE: 1/4" = 1'-0" **3**

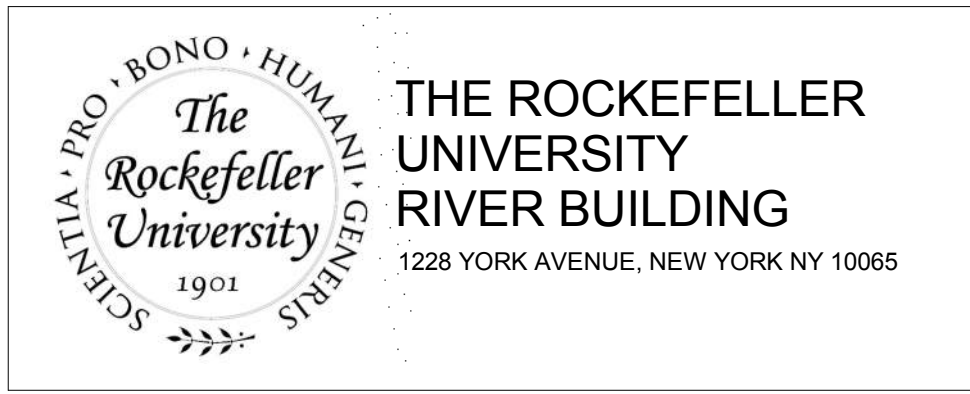


ELEVATOR D1 - SECTION A
SCALE: 1/4" = 1'-0" **2**



ELEVATOR D1 - SECTION B
SCALE: 1/4" = 1'-0" **1**

Shauqat Shaikh
APPROVED
Under Direction of 2015
Date: 04/30/2016
NYC Development Hub



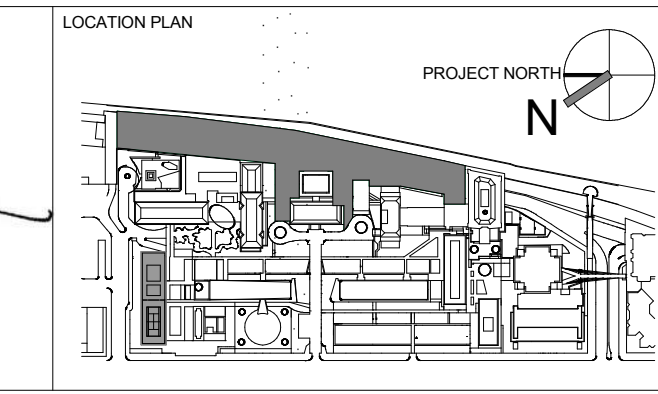
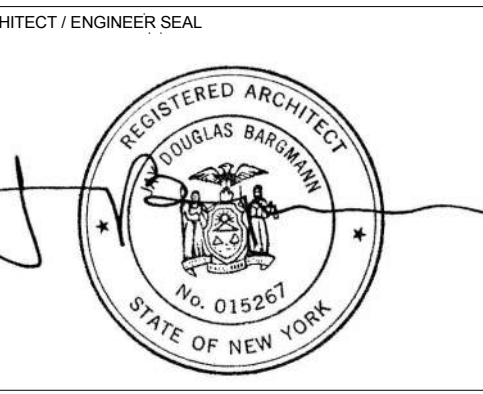
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REV	DESCRIPTION	DATE
1	ELEVATOR PACKAGE	30-JAN-15
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3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	17-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

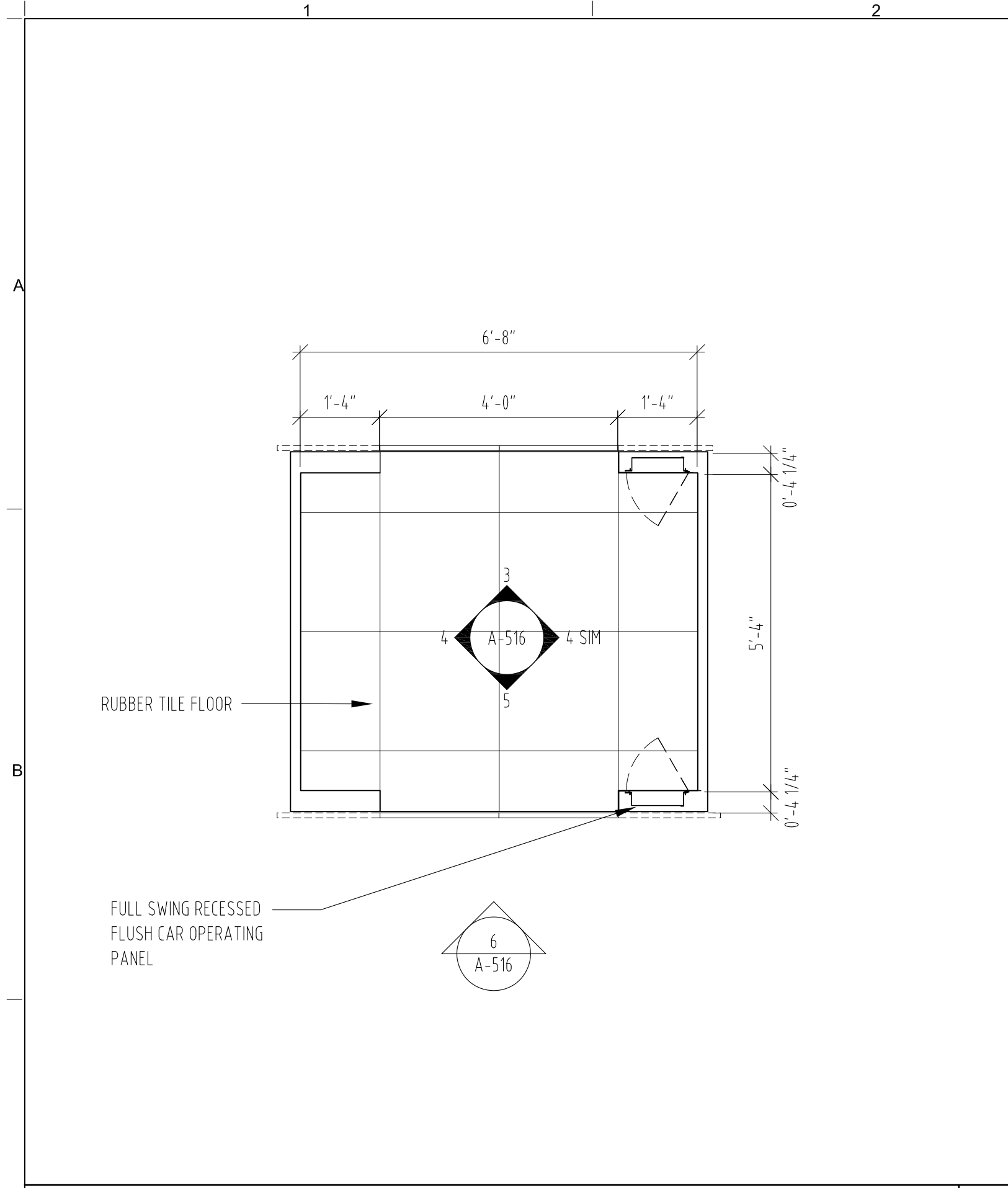
DRAWING SCALE
1/4" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

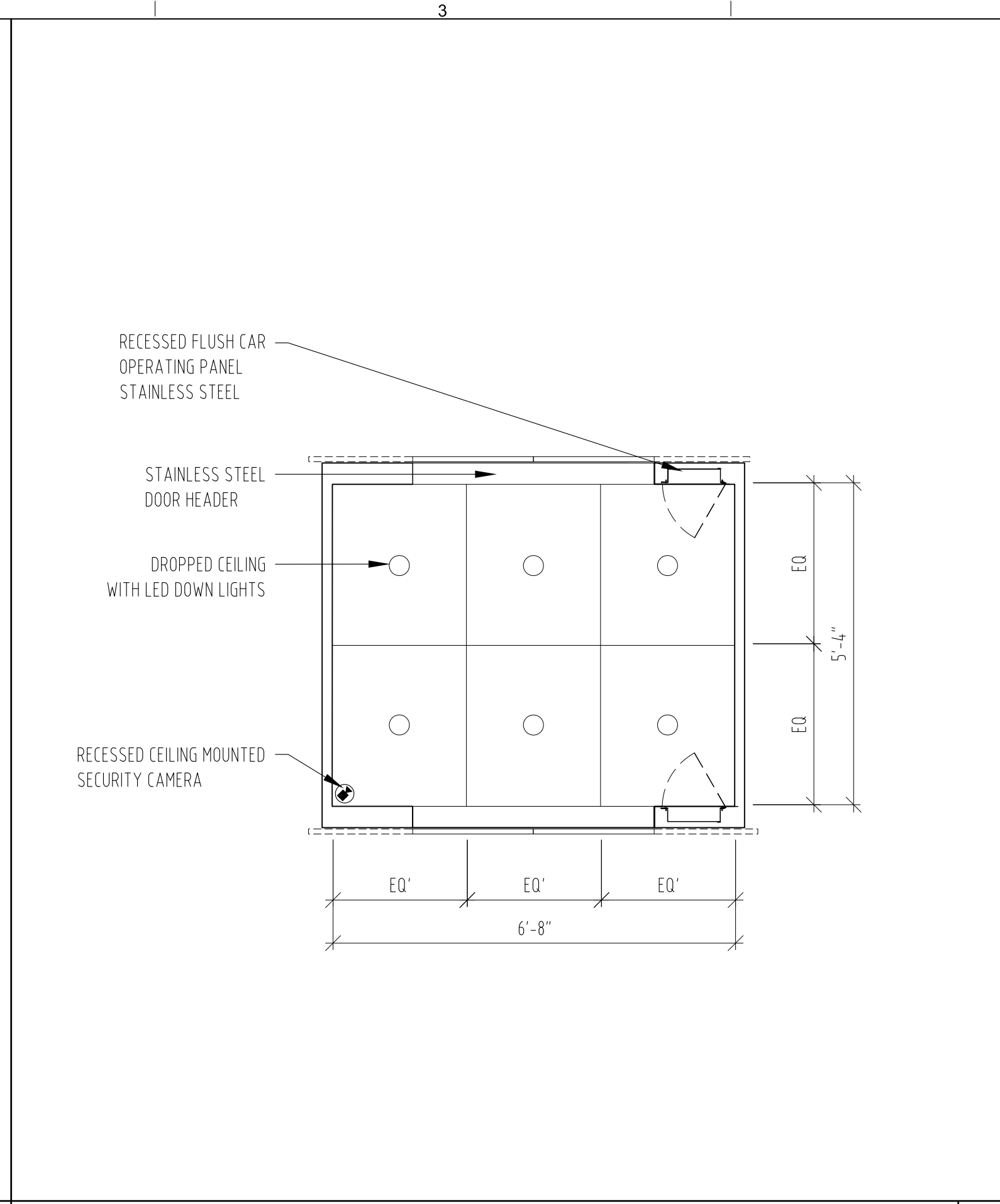
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**FLOOR PLANS AND SECTIONS
ELEVATOR D1**

DRAWING NUMBER
A-515.00

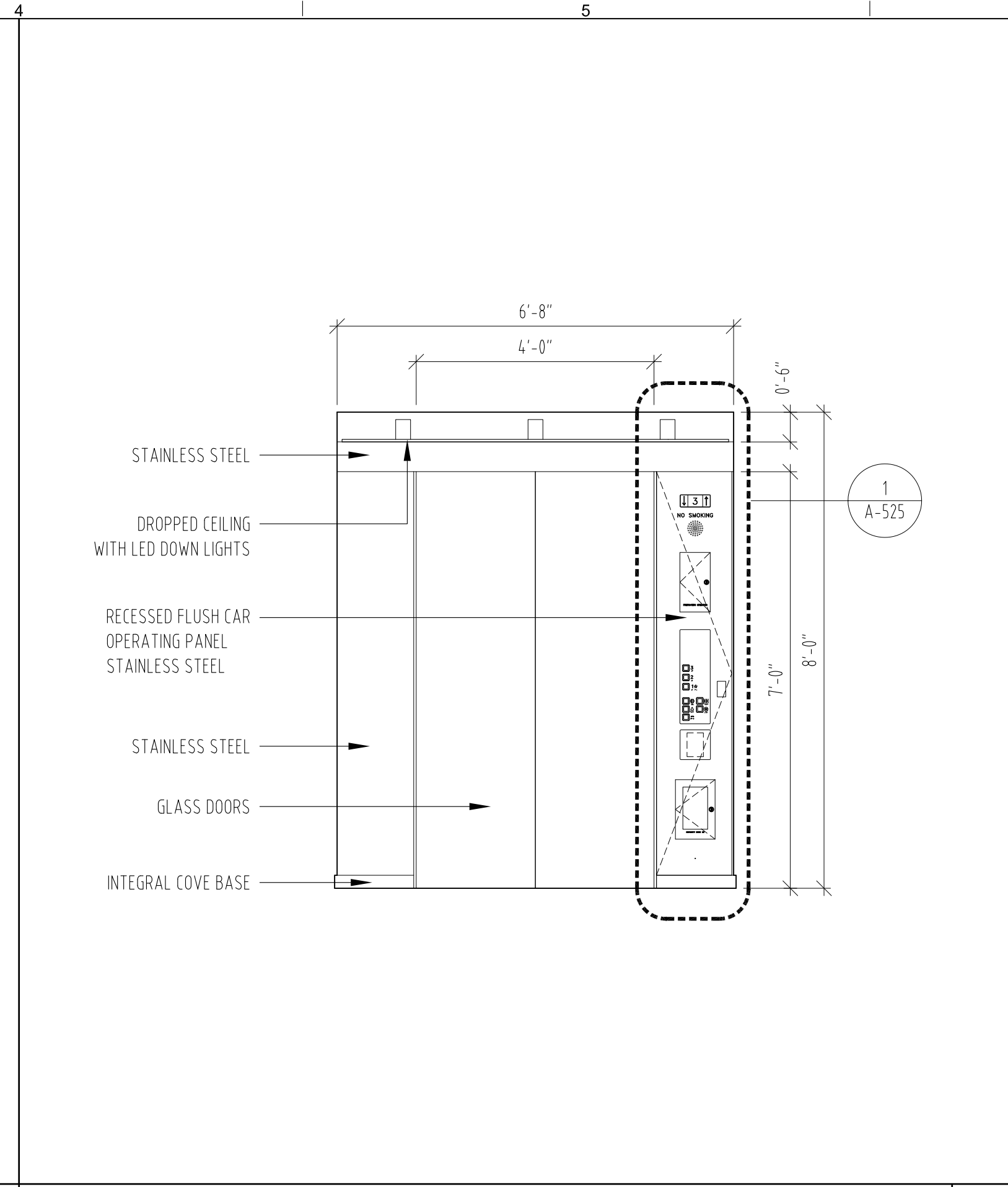
Sheet 222 of 315



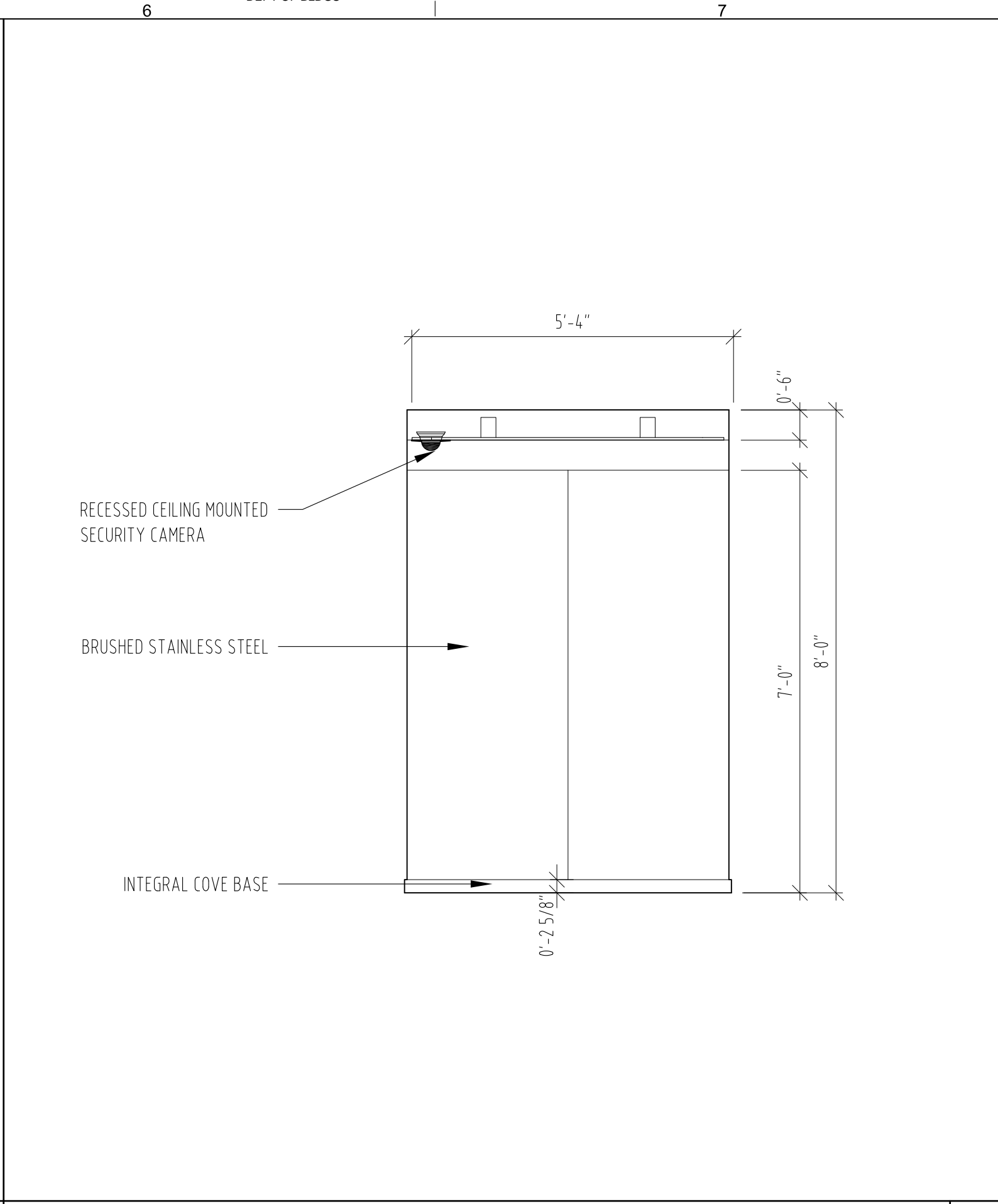
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SCALE: 1/2" = 1' - 0"



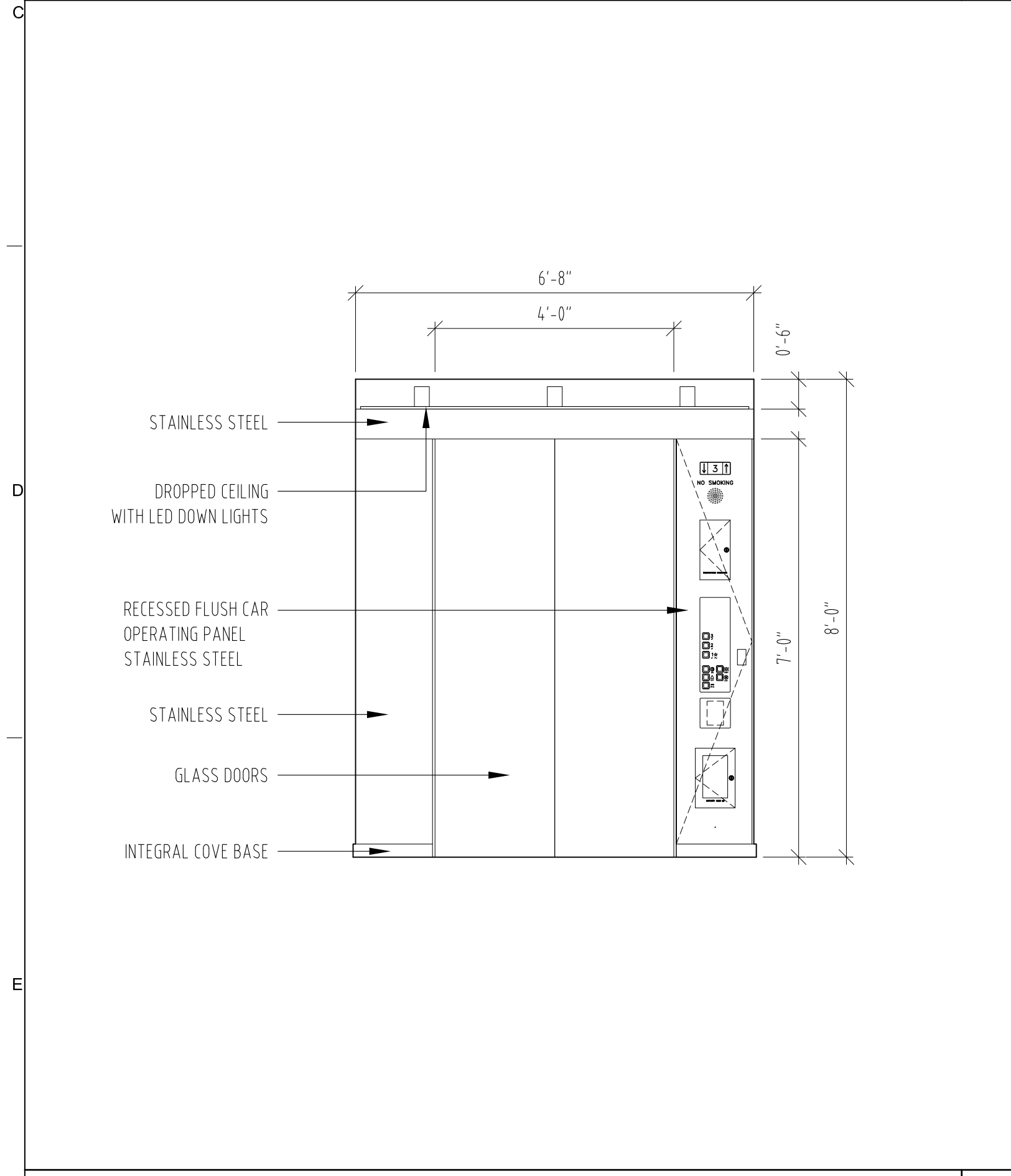
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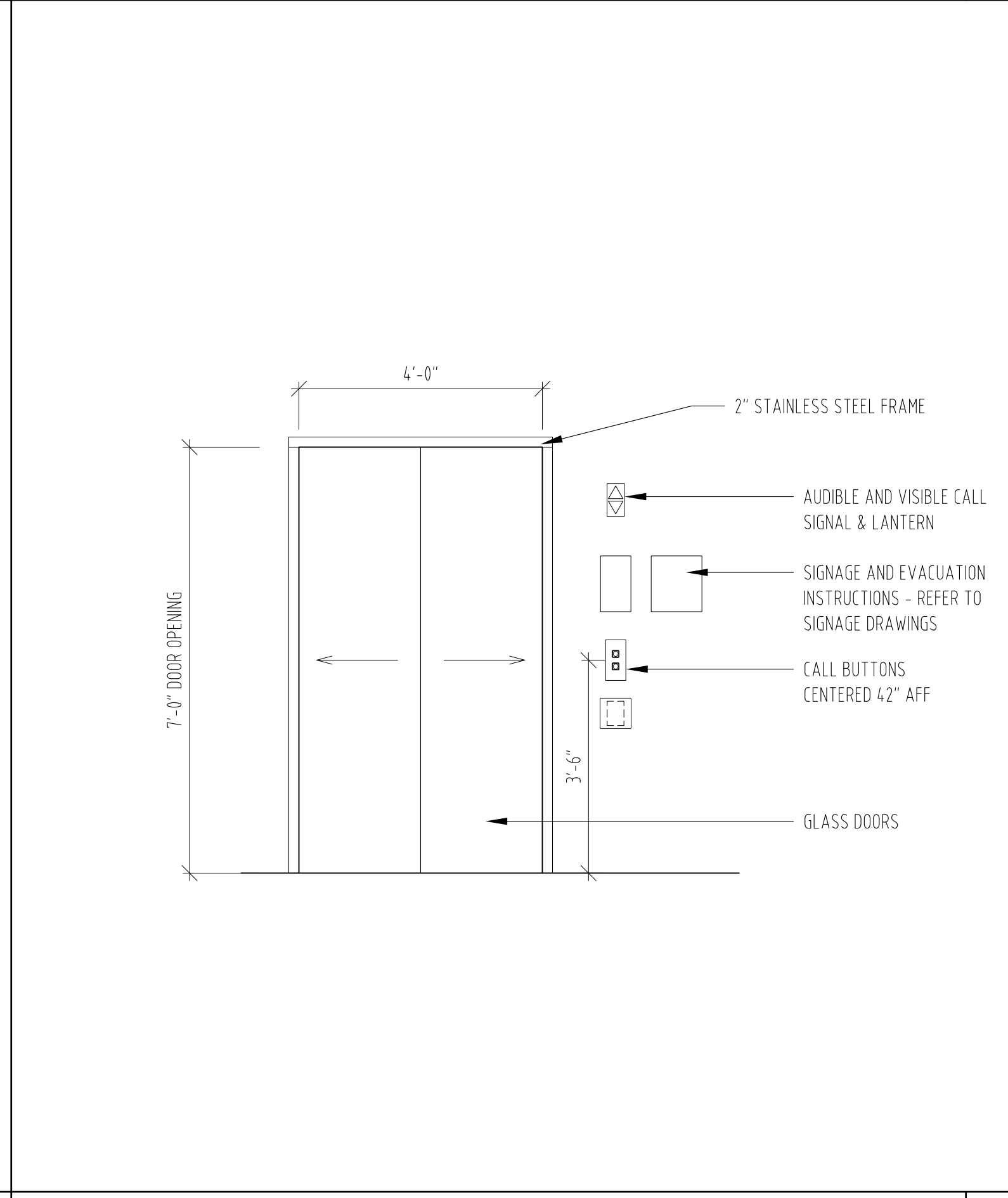
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SCALE: 1/2" = 1' - 0"



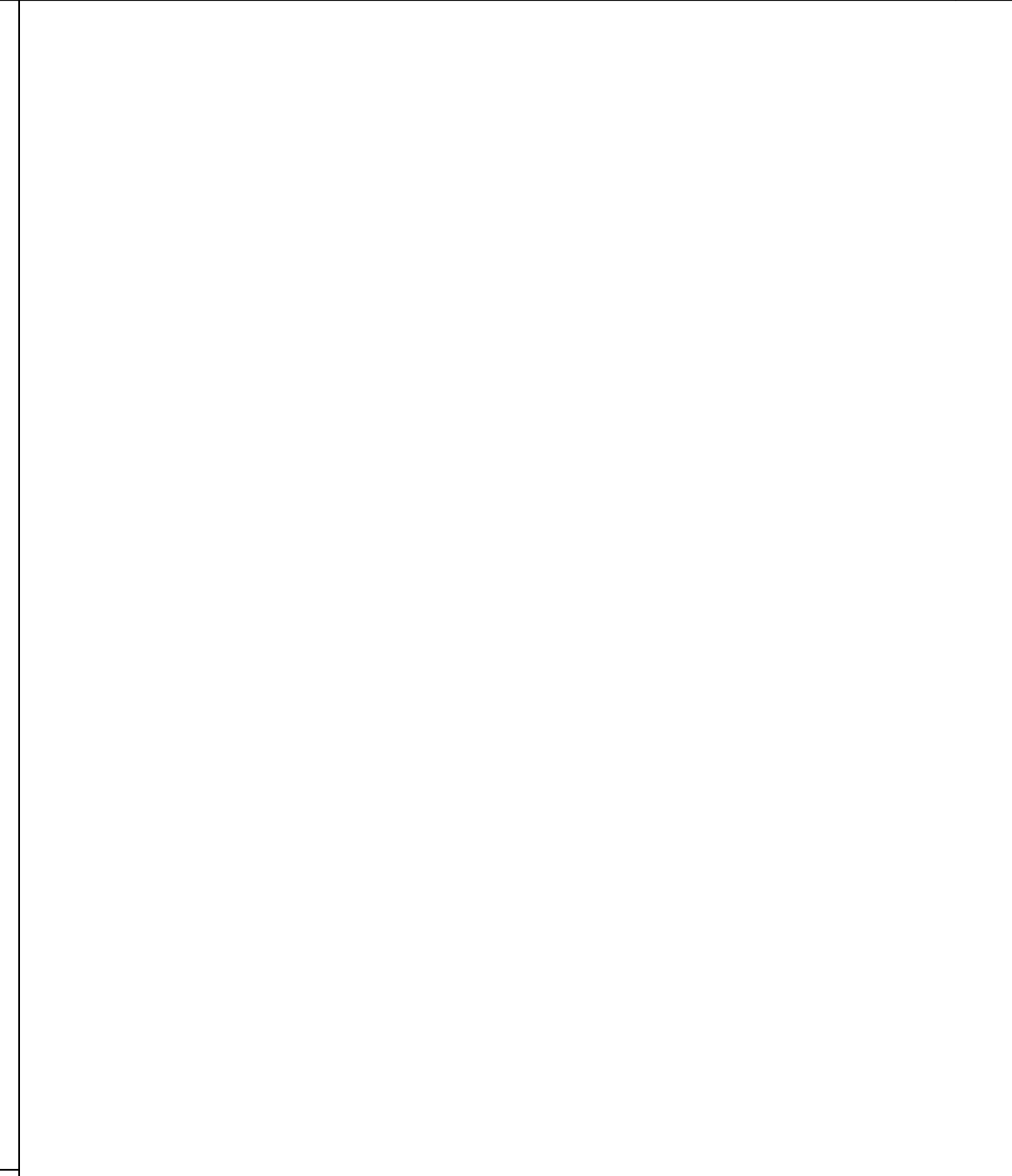
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SCALE: 1/2" = 1' - 0"



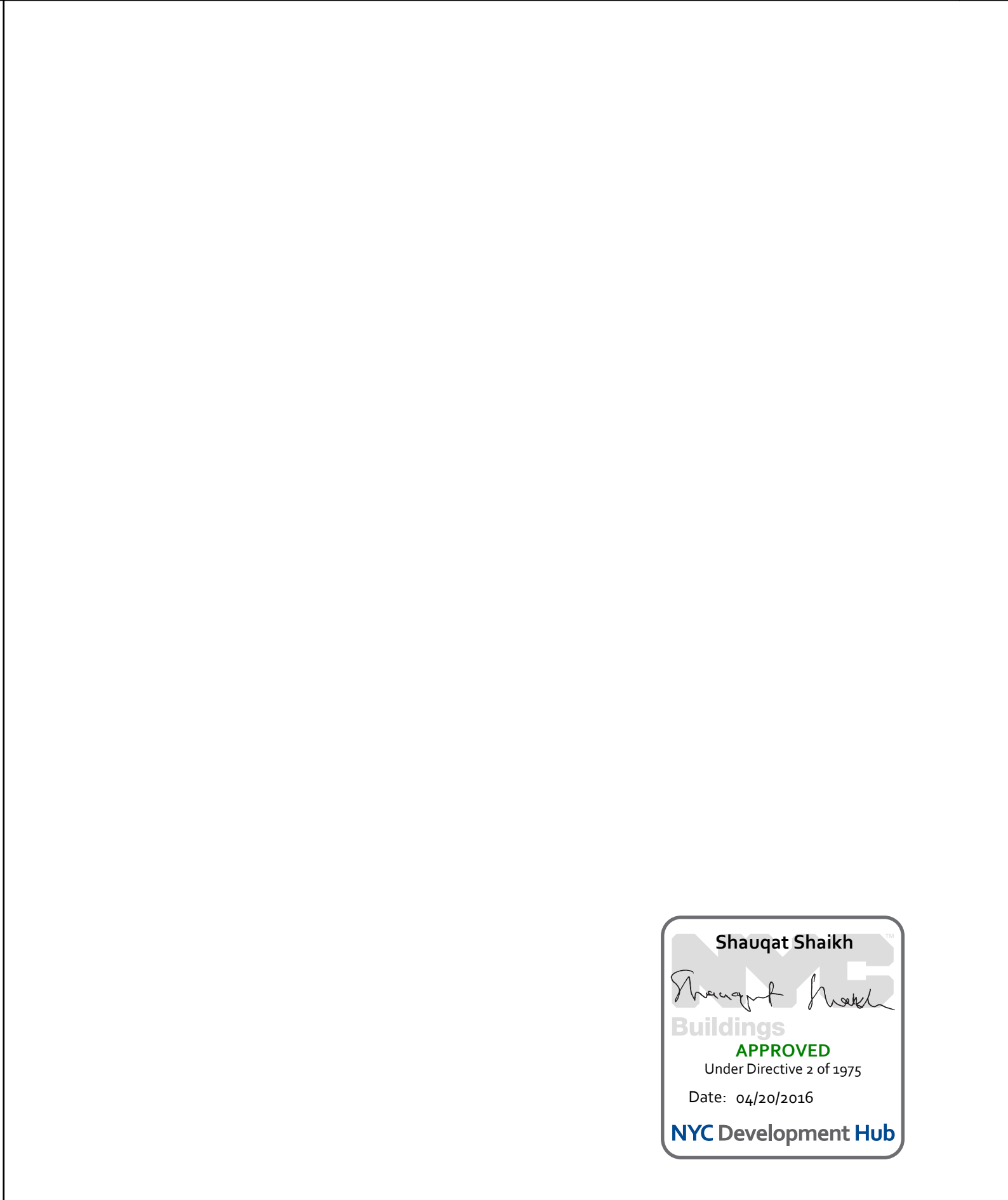
PASSENGER ELEVATOR - A1 - ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - A1 - ELEVATOR ENTRANCE
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - A1 - ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - A1 - ISMJ ELEVATION
SCALE: 1/2" = 1' - 0"



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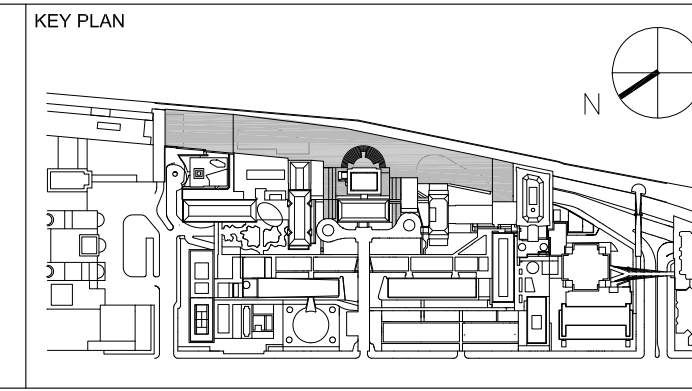
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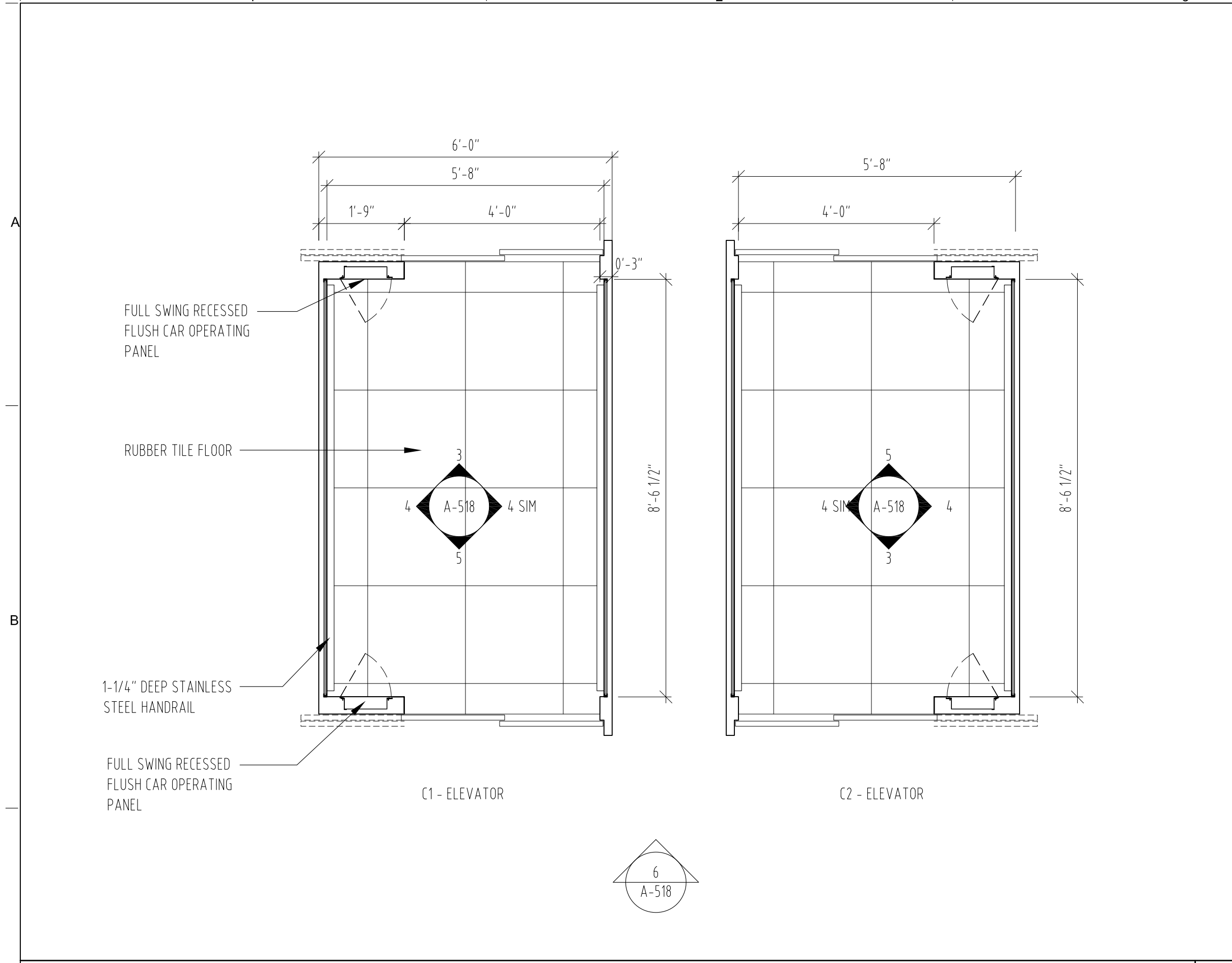


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			PROJECT PHASE
			CONSTRUCTION DOCUMENTS

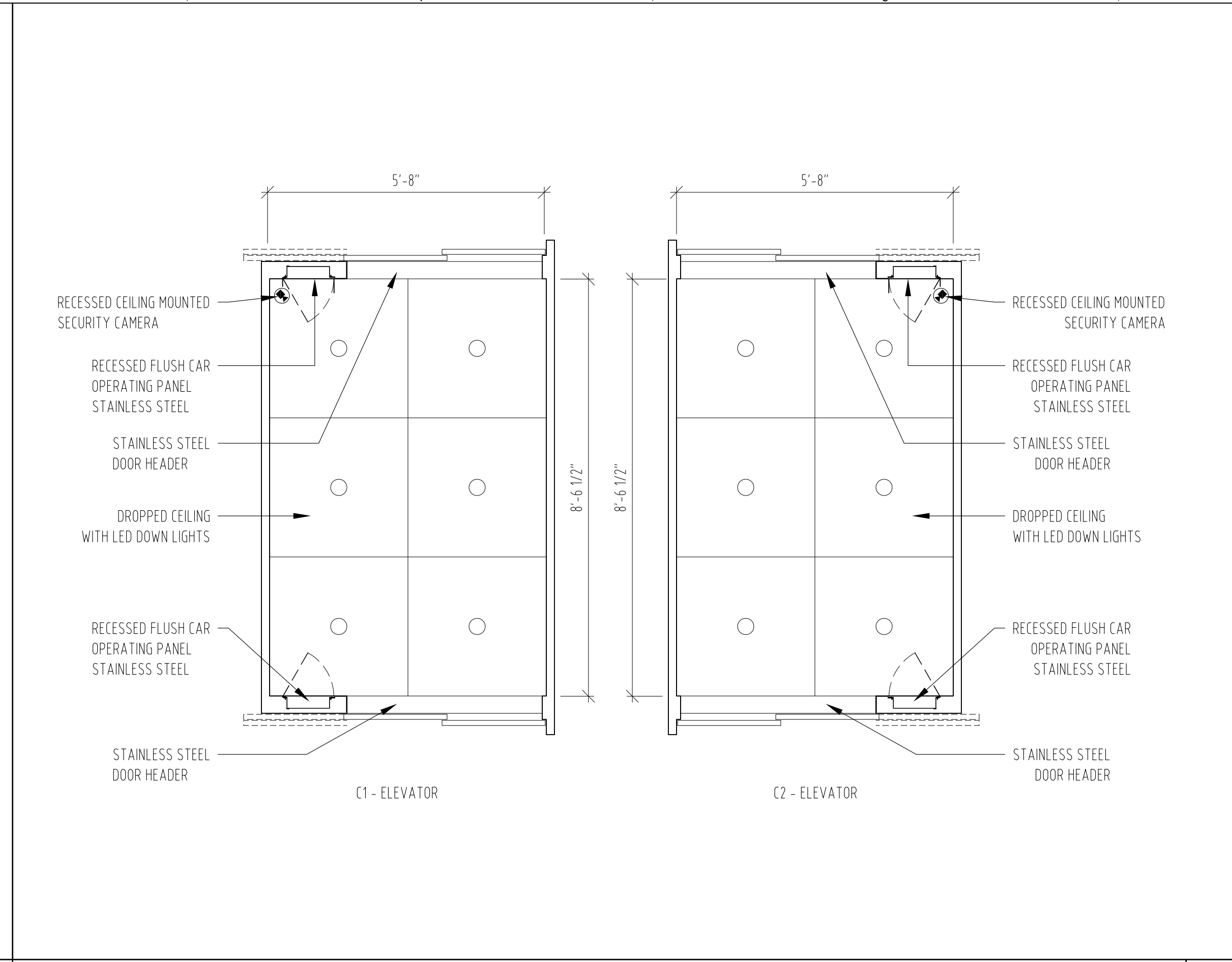
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DRAWING NUMBER
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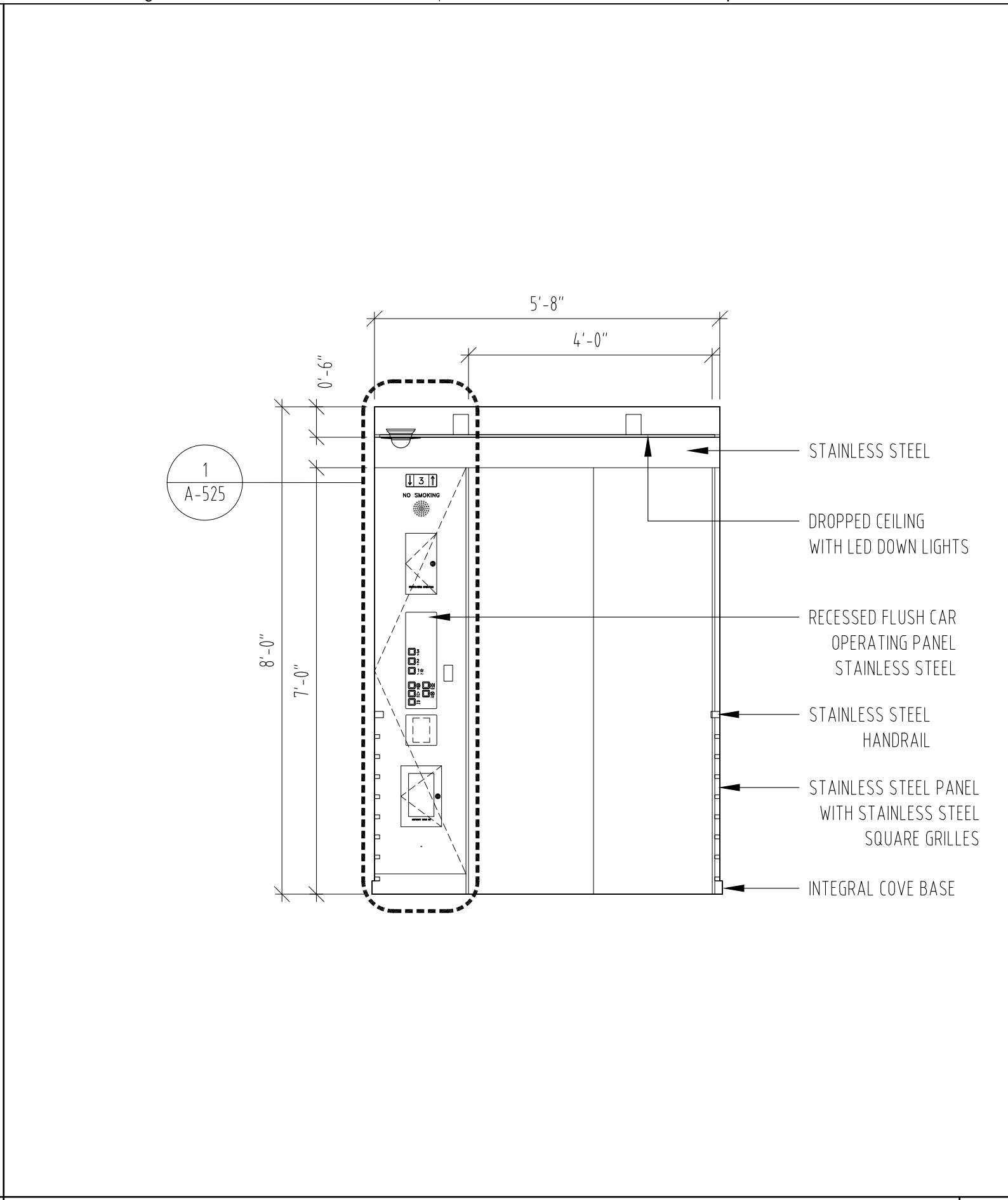
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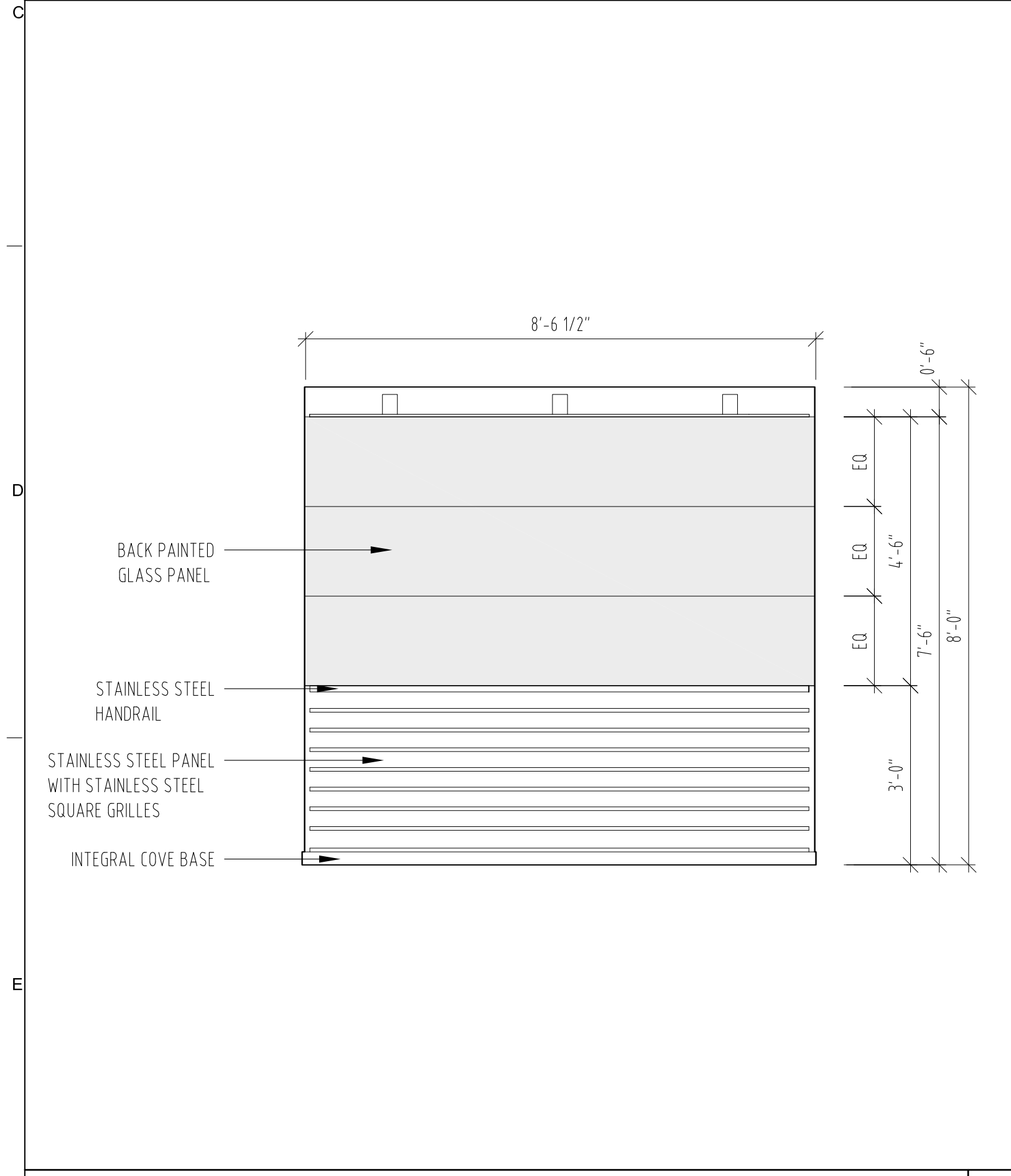
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SCALE: 1/2" = 1' - 0"



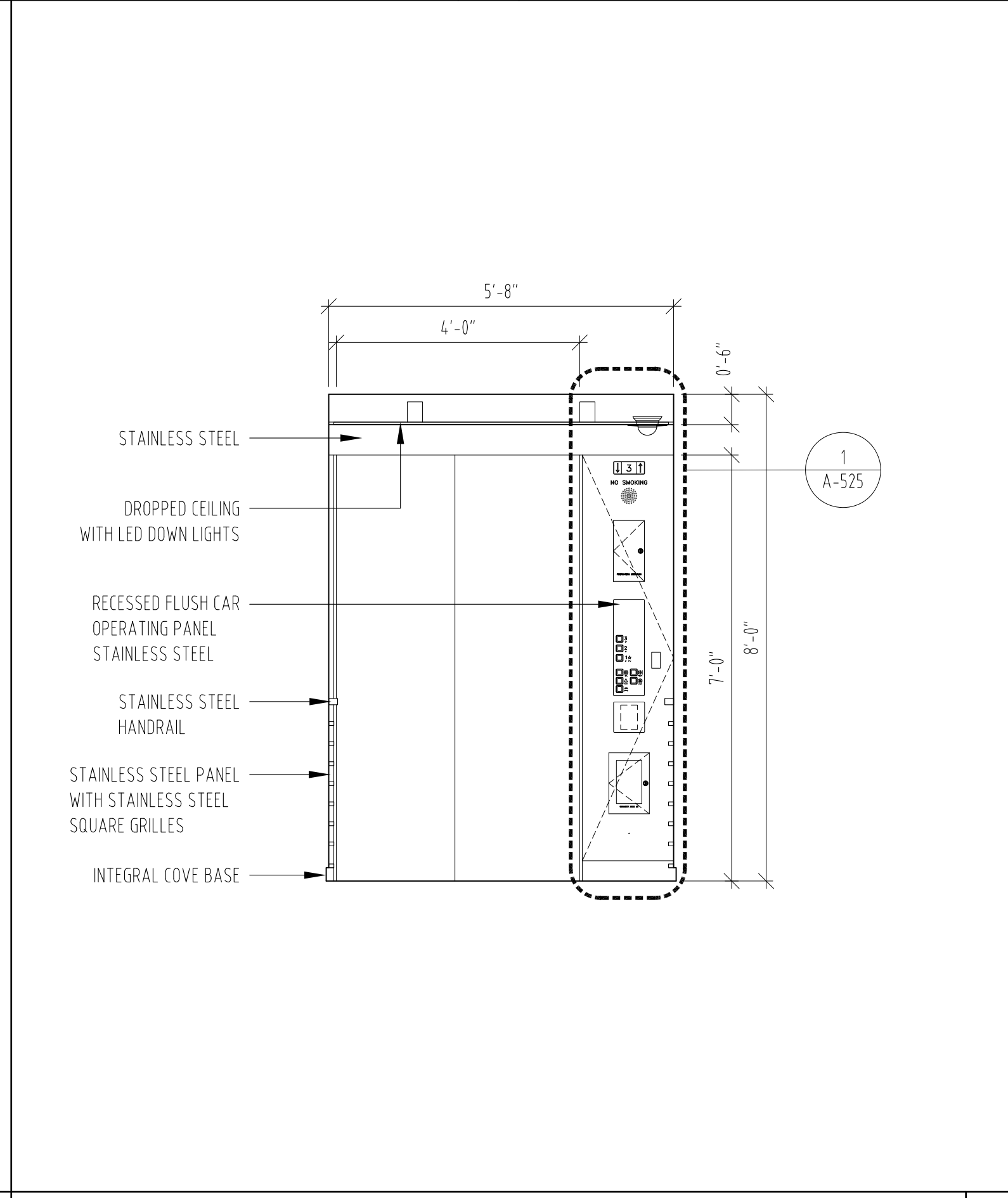
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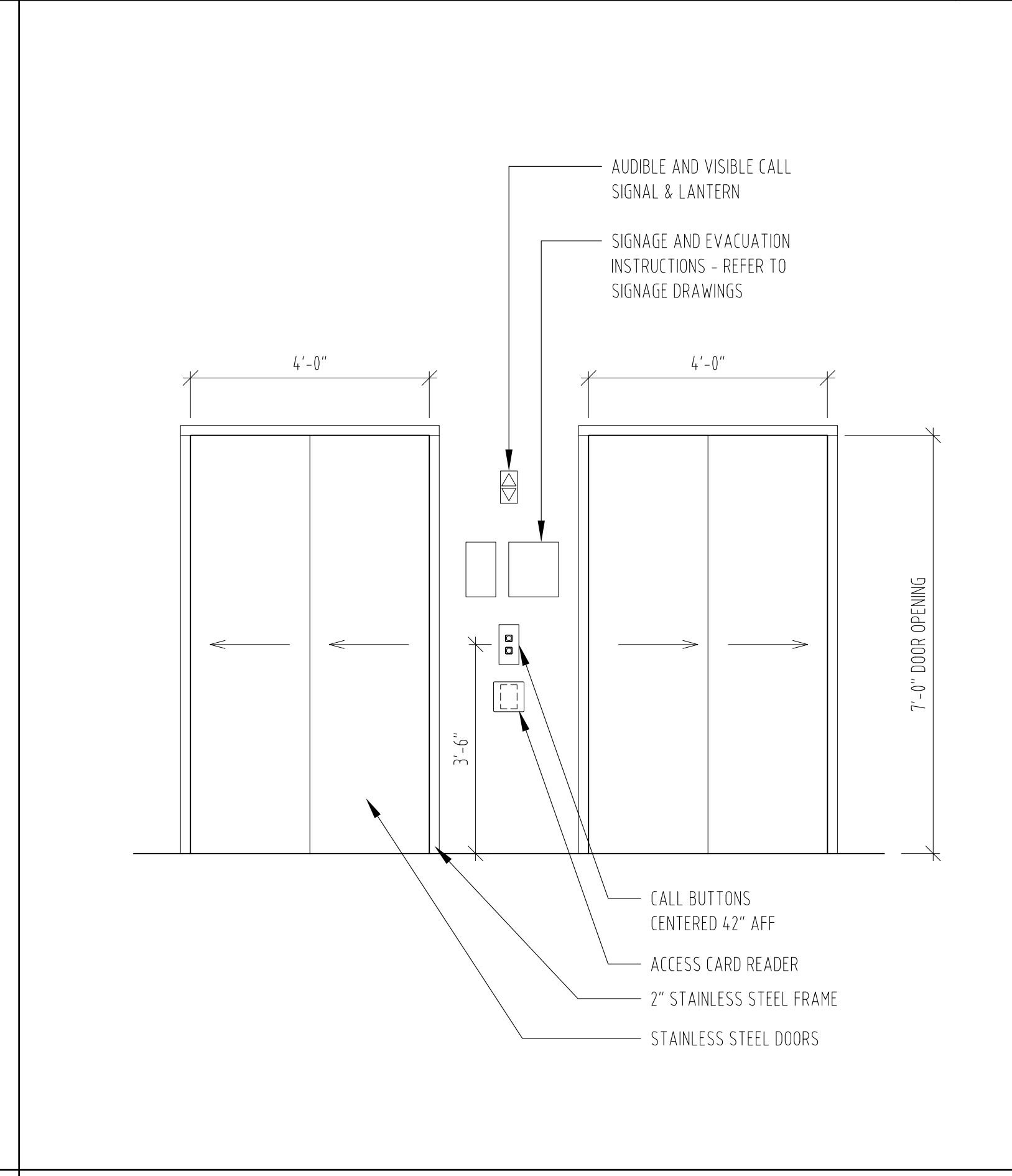
PASSENGER ELEVATOR - C1 & C2 - ELEVATION
SCALE: 1/2" = 1' - 0"



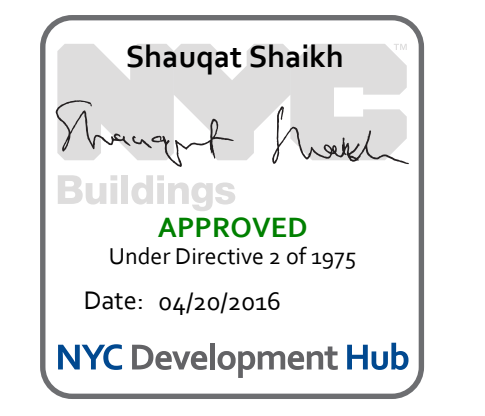
PASSENGER ELEVATOR - C1 & C2 (SIM) ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - C1 & C2 - ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - C1 & C2 - ELEVATOR ENTRANCE
SCALE: 1/2" = 1' - 0"



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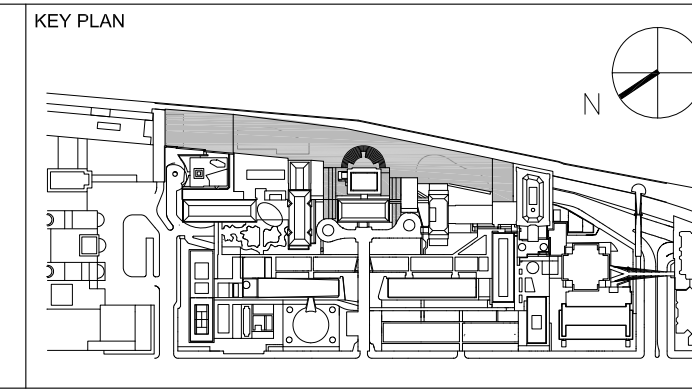
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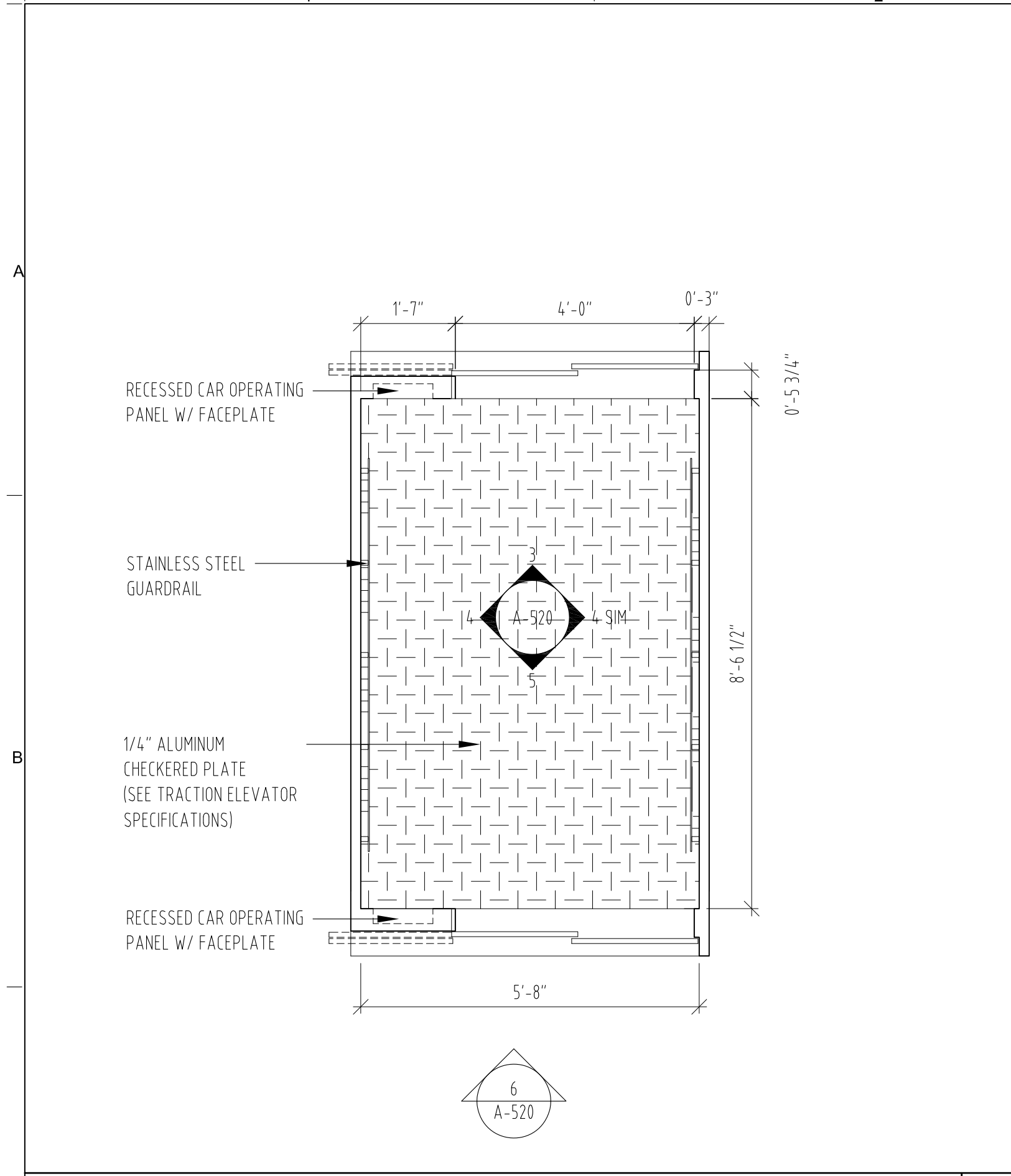


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			PROJECT PHASE
			CONSTRUCTION DOCUMENTS

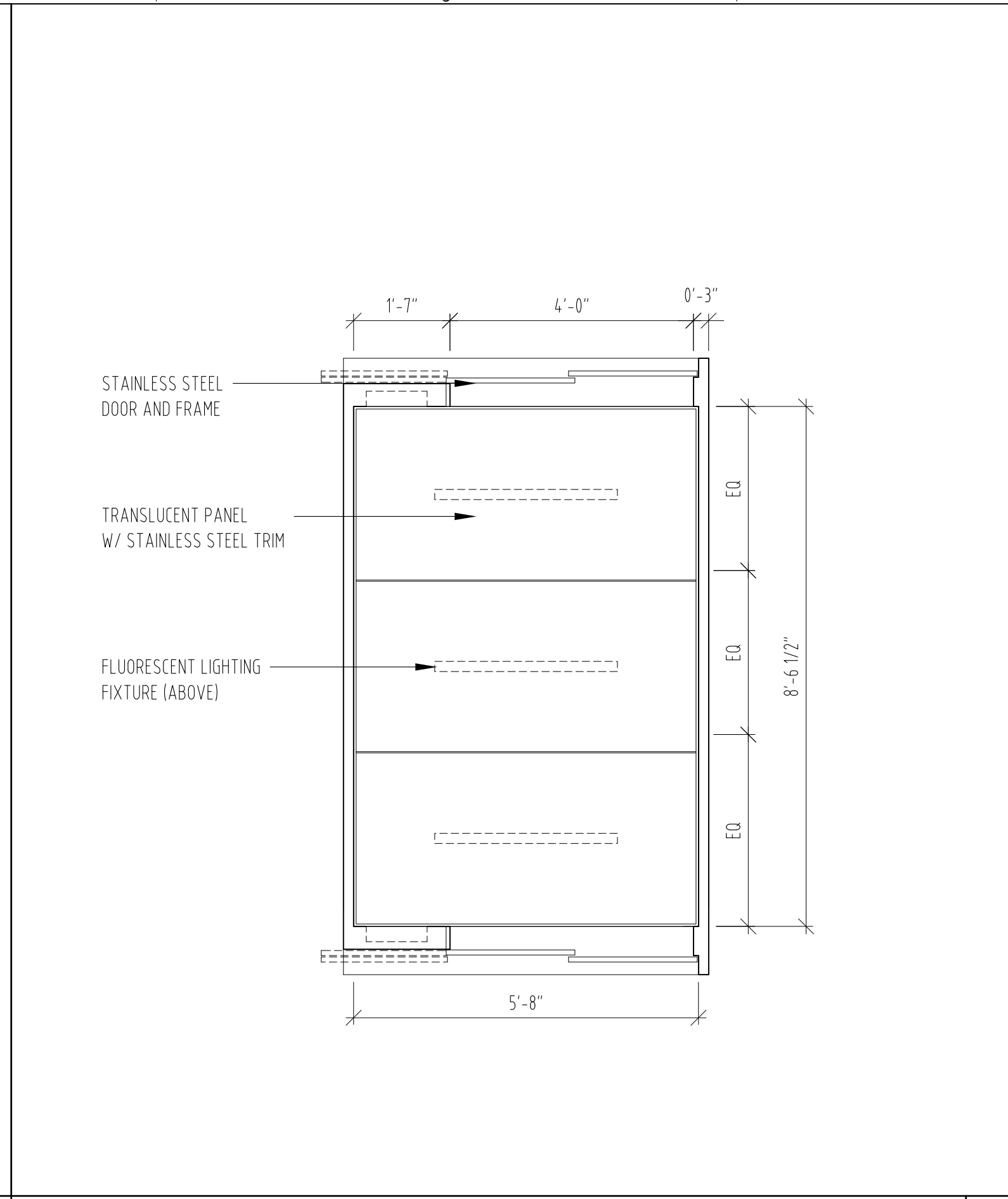
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INTERIOR DETAILS
ELEVATOR CAB C1 & C2

DRAWING NUMBER
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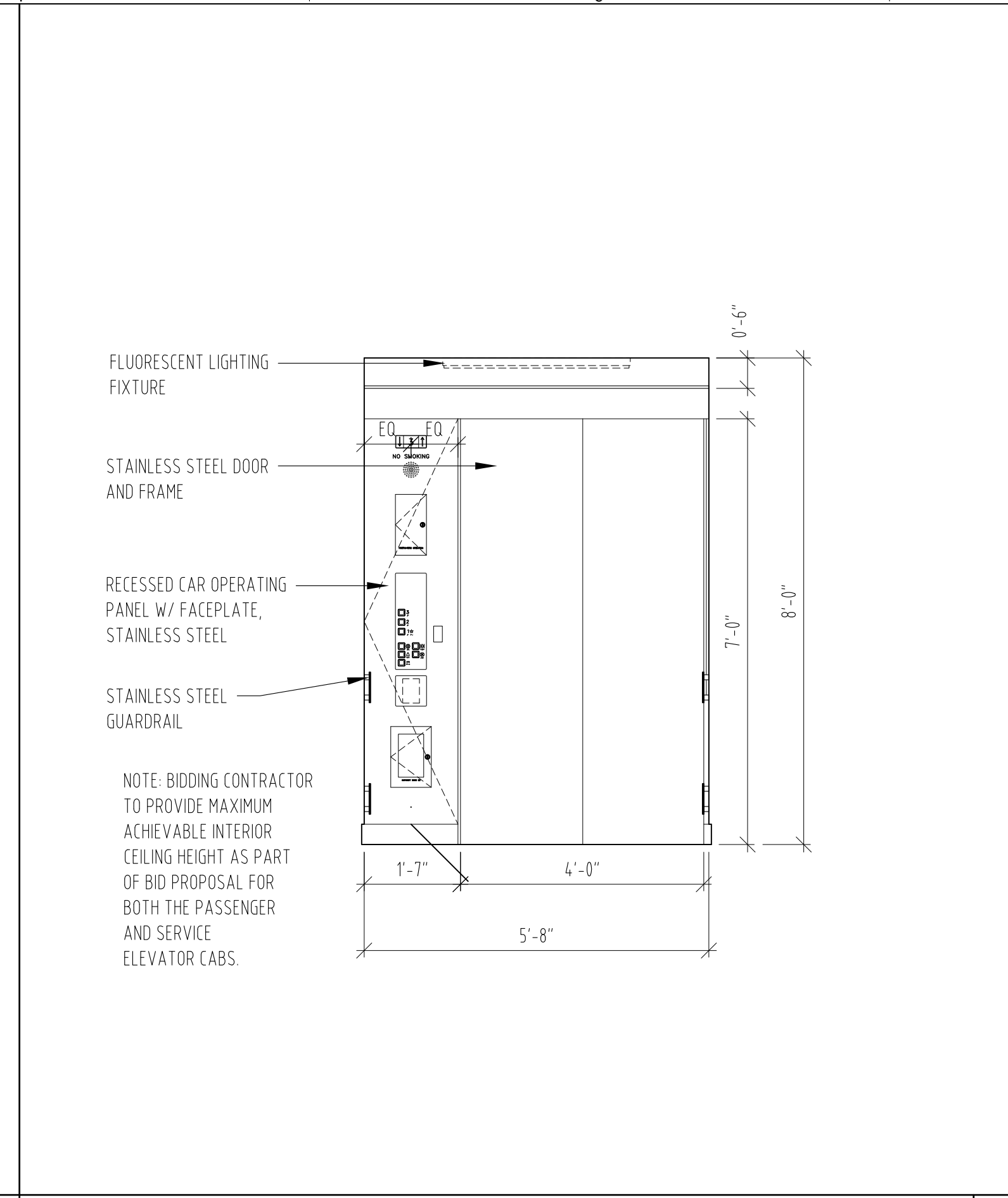
Sheet 225 of 315
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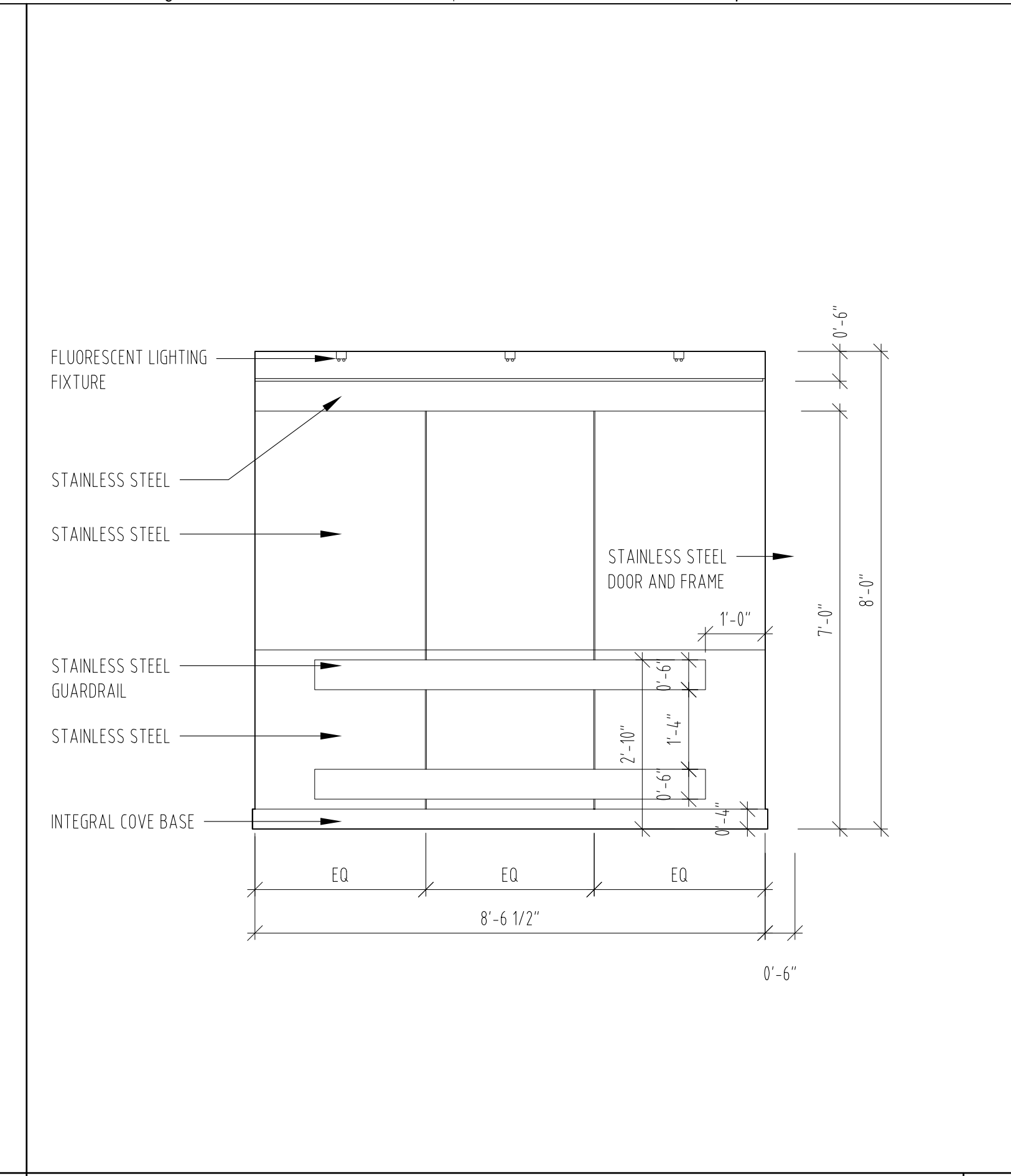
PASSENGER ELEVATOR - D1 - FLOOR PLAN
SCALE: 1/2" = 1' - 0"



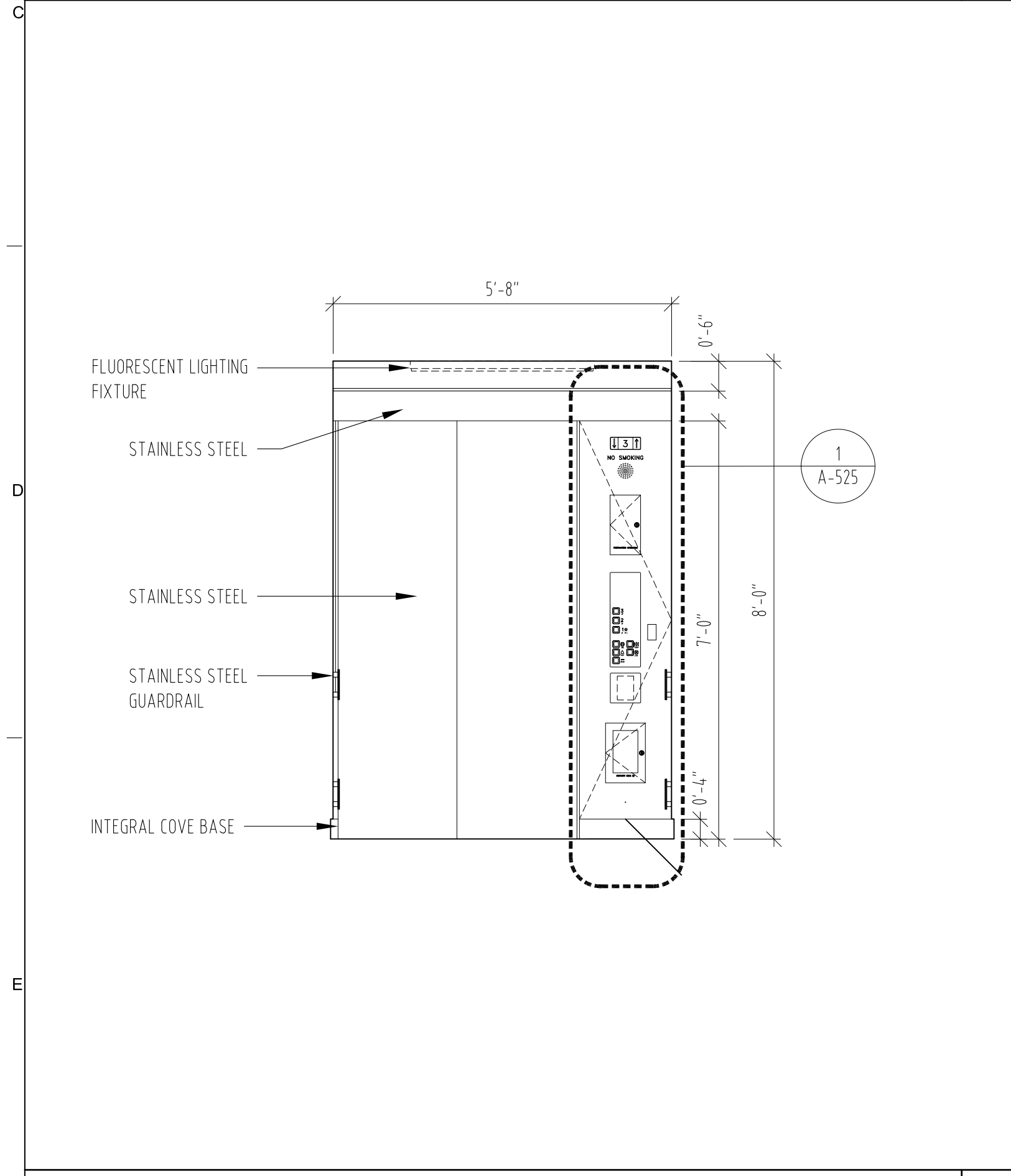
PASSENGER ELEVATOR - D1 - REFLECTED CEILING PLAN
SCALE: 1/2" = 1' - 0"



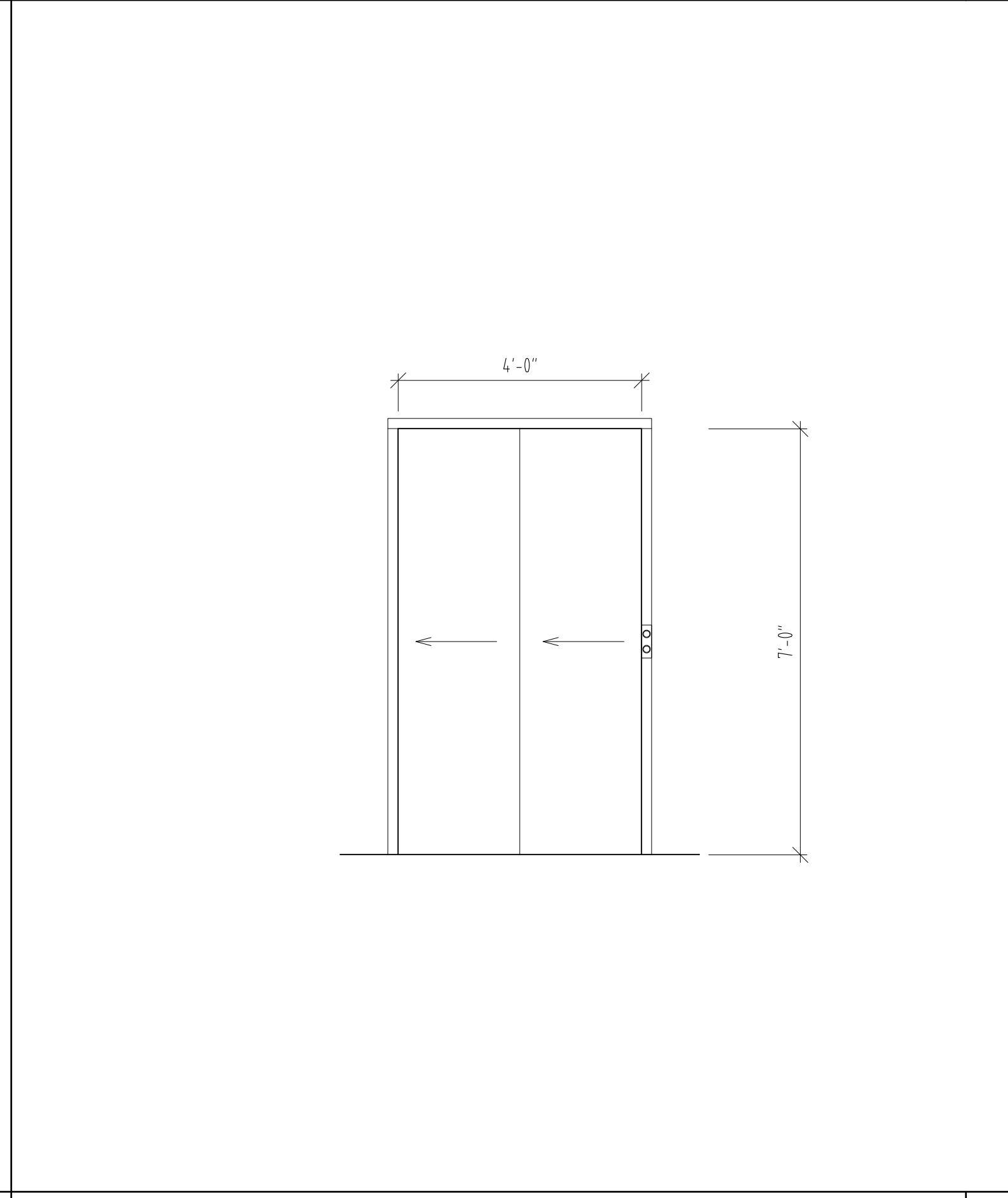
PASSENGER ELEVATOR - D1 - ELEVATION
SCALE: 1/2" = 1' - 0"



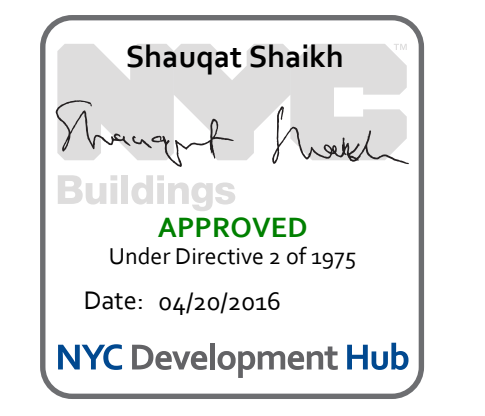
PASSENGER ELEVATOR - D1 - ISMI ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - D1 - ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - D1 - ELEVATOR ENTRANCE
SCALE: 1/2" = 1' - 0"



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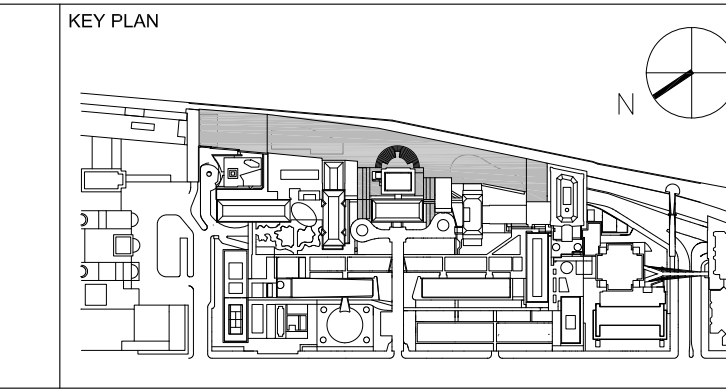
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ARCHITECT / ENGINEER SEAL

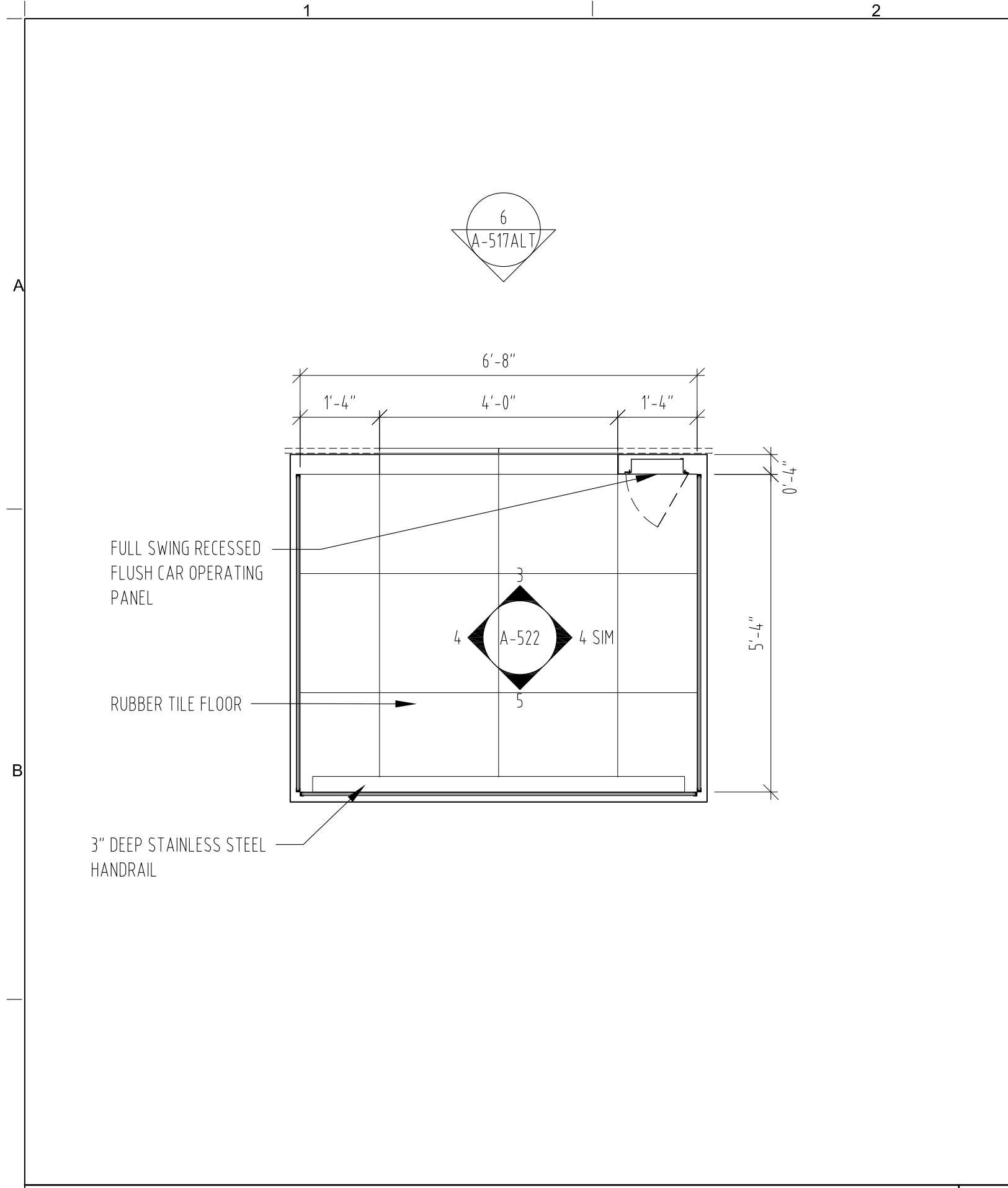


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			CONSTRUCTION DOCUMENTS

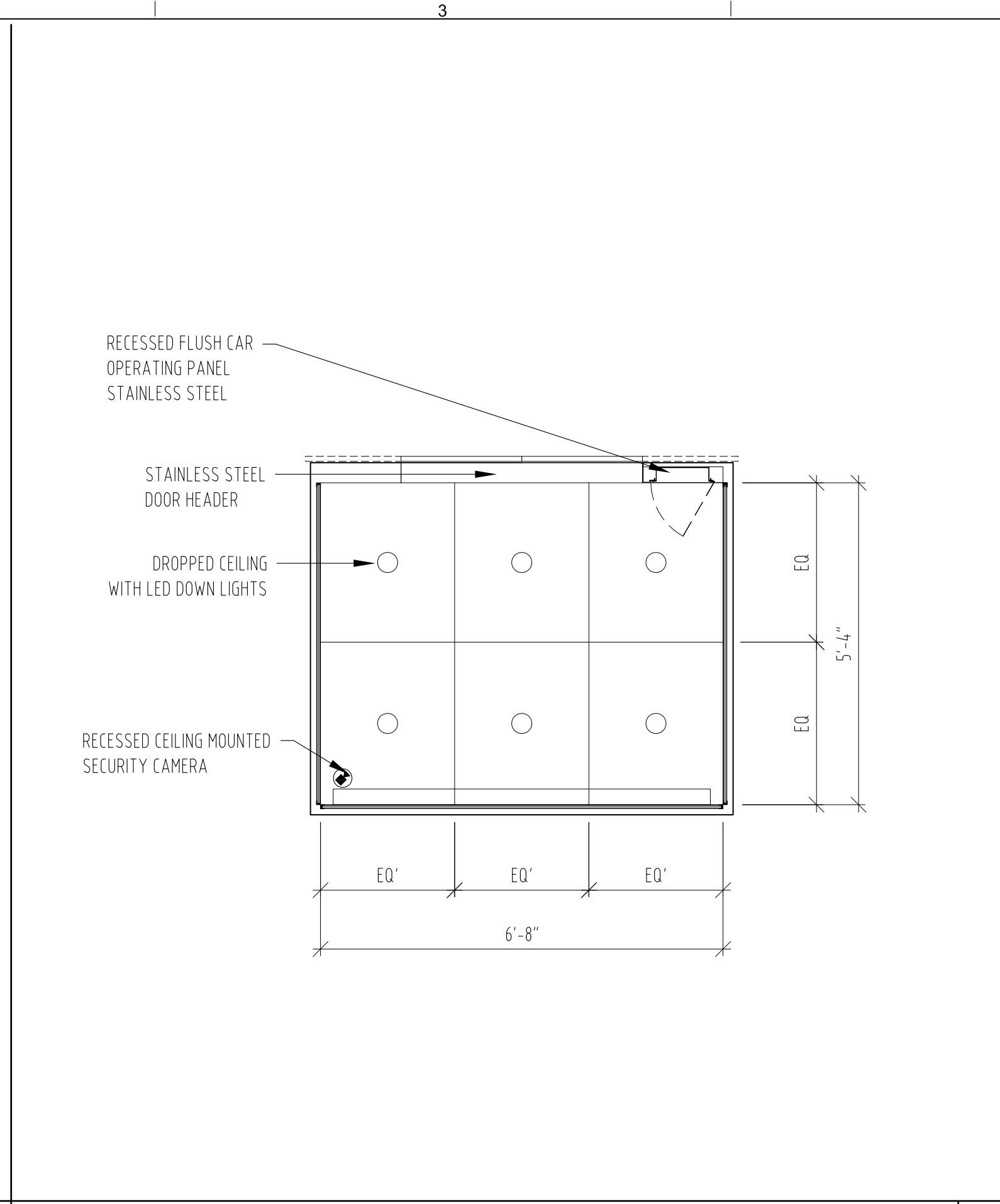
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INTERIOR DETAILS
ELEVATOR CAB D1

DRAWING NUMBER
A-520.00

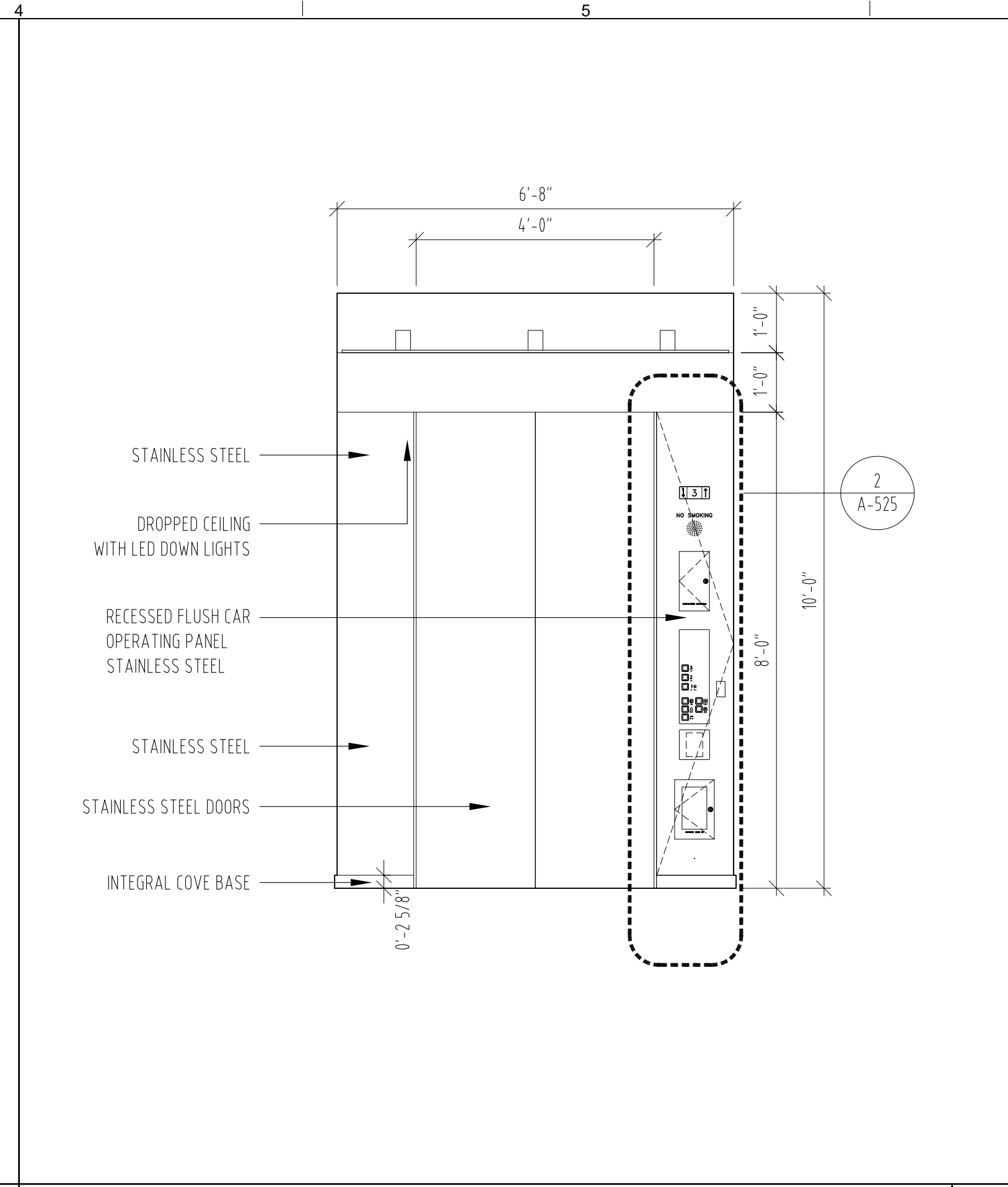
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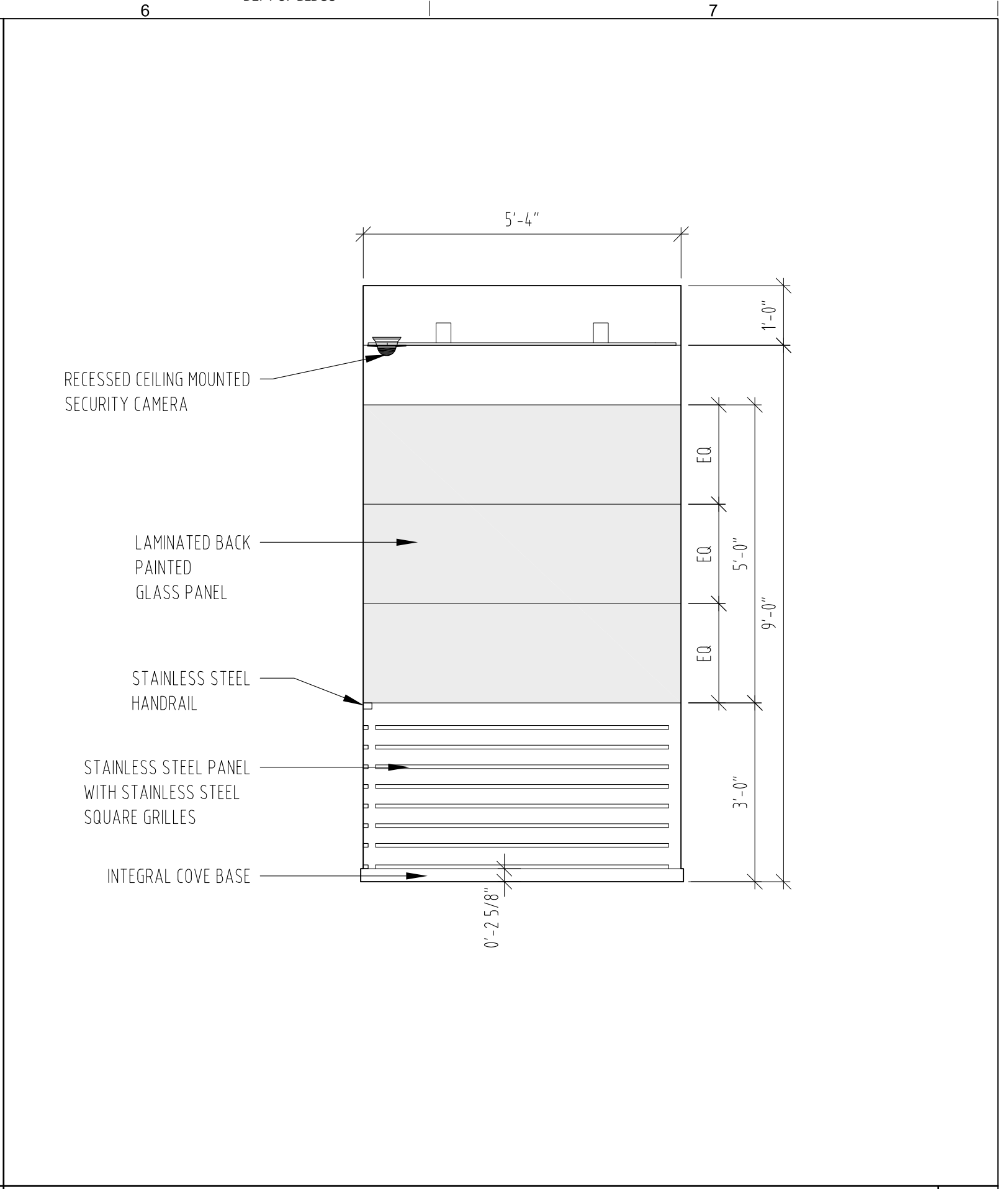
PASSENGER ELEVATOR - B1 ALTERNATE - FLOOR PLAN
SCALE: 1/2" = 1' - 0"



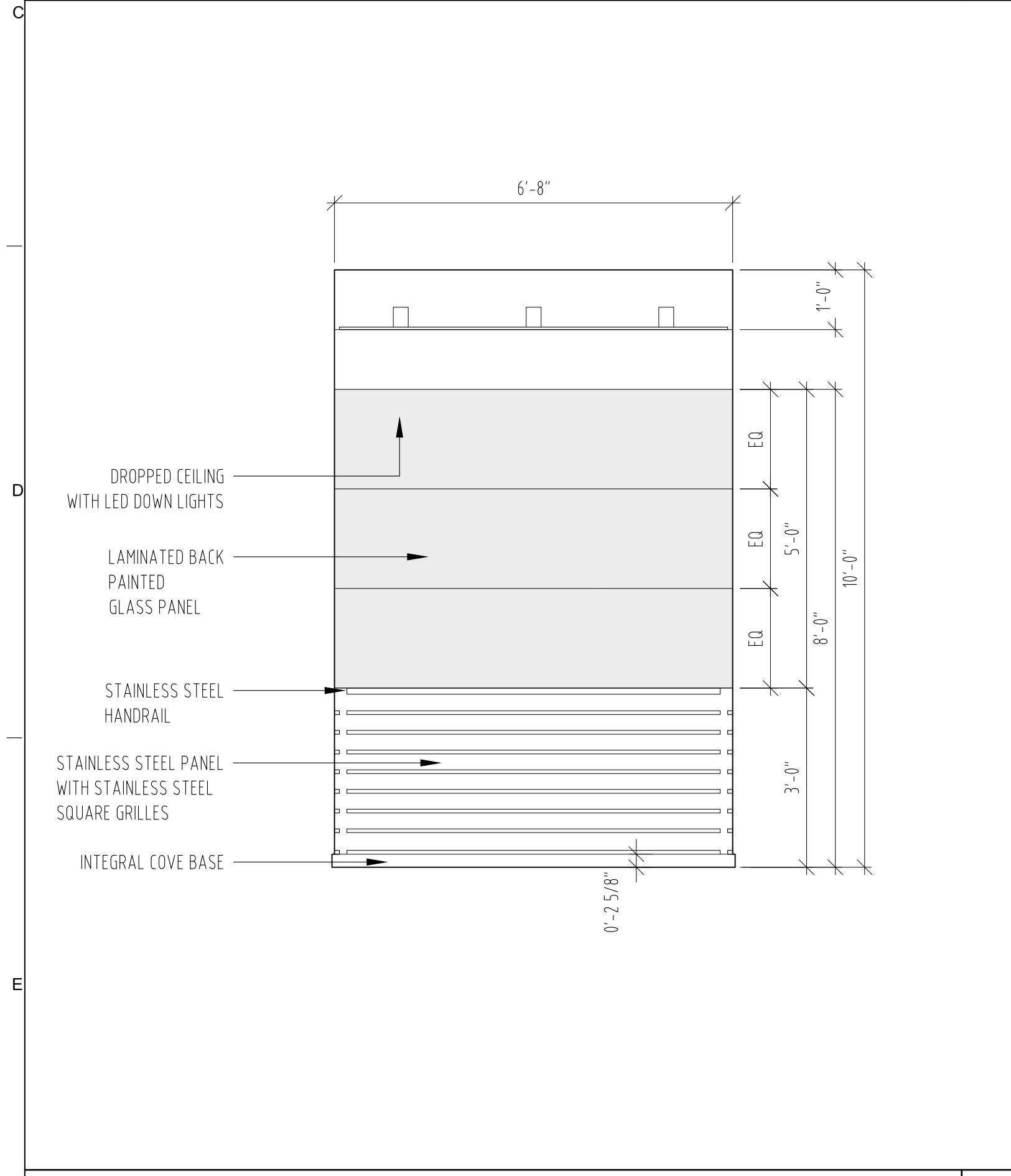
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SCALE: 1/2" = 1' - 0"



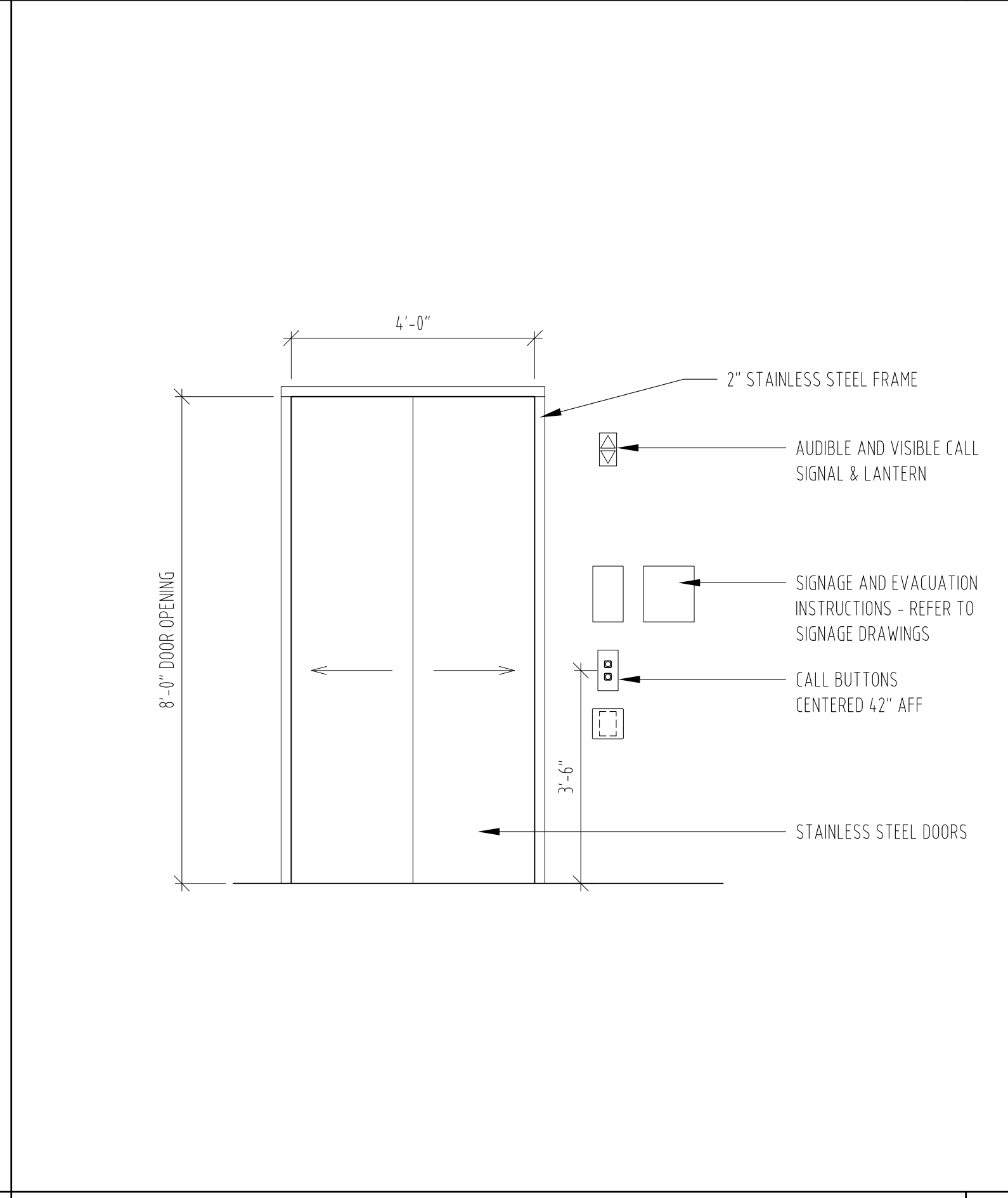
PASSENGER ELEVATOR - B1 ALTERNATE - ELEVATION
SCALE: 1/2" = 1' - 0"



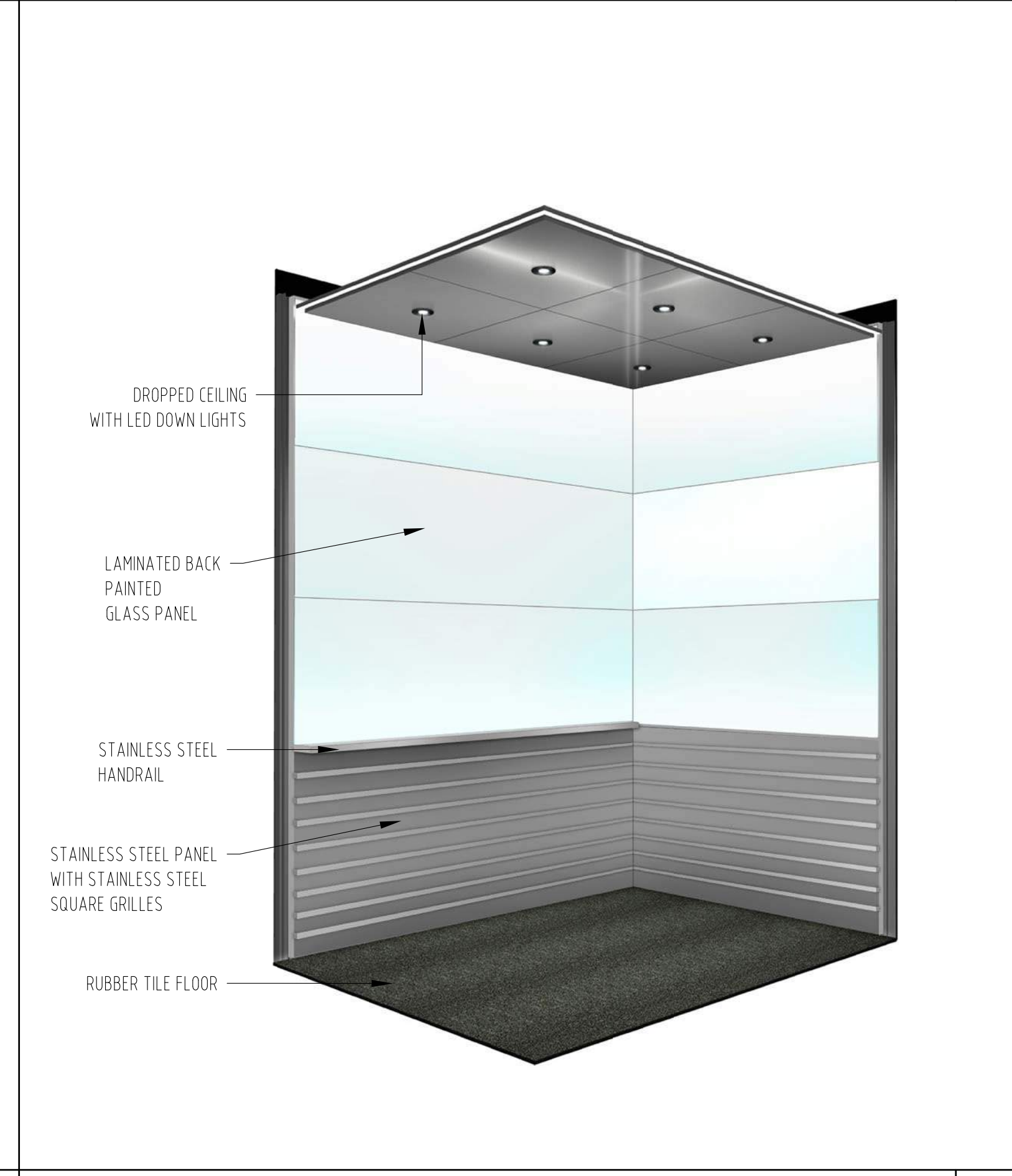
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SCALE: 1/2" = 1' - 0"



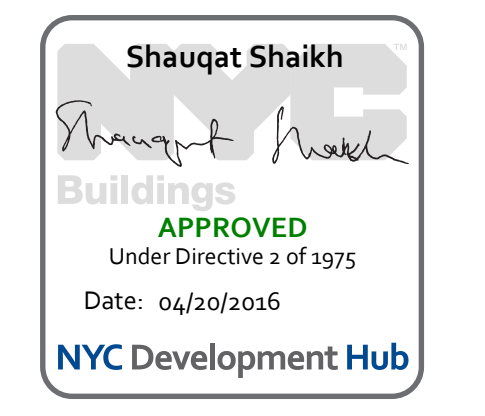
PASSENGER ELEVATOR - B1 ALTERNATE - ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - B1 ALTERNATE - ELEVATOR ENTRANCE
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - B1 ALTERNATE - PERSPECTIVE
SCALE: 1/2" = 1' - 0"



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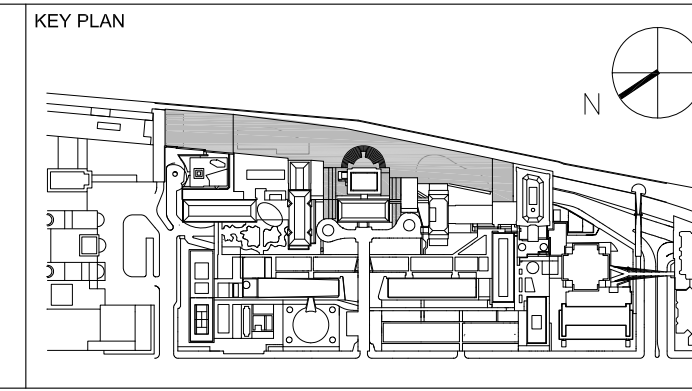
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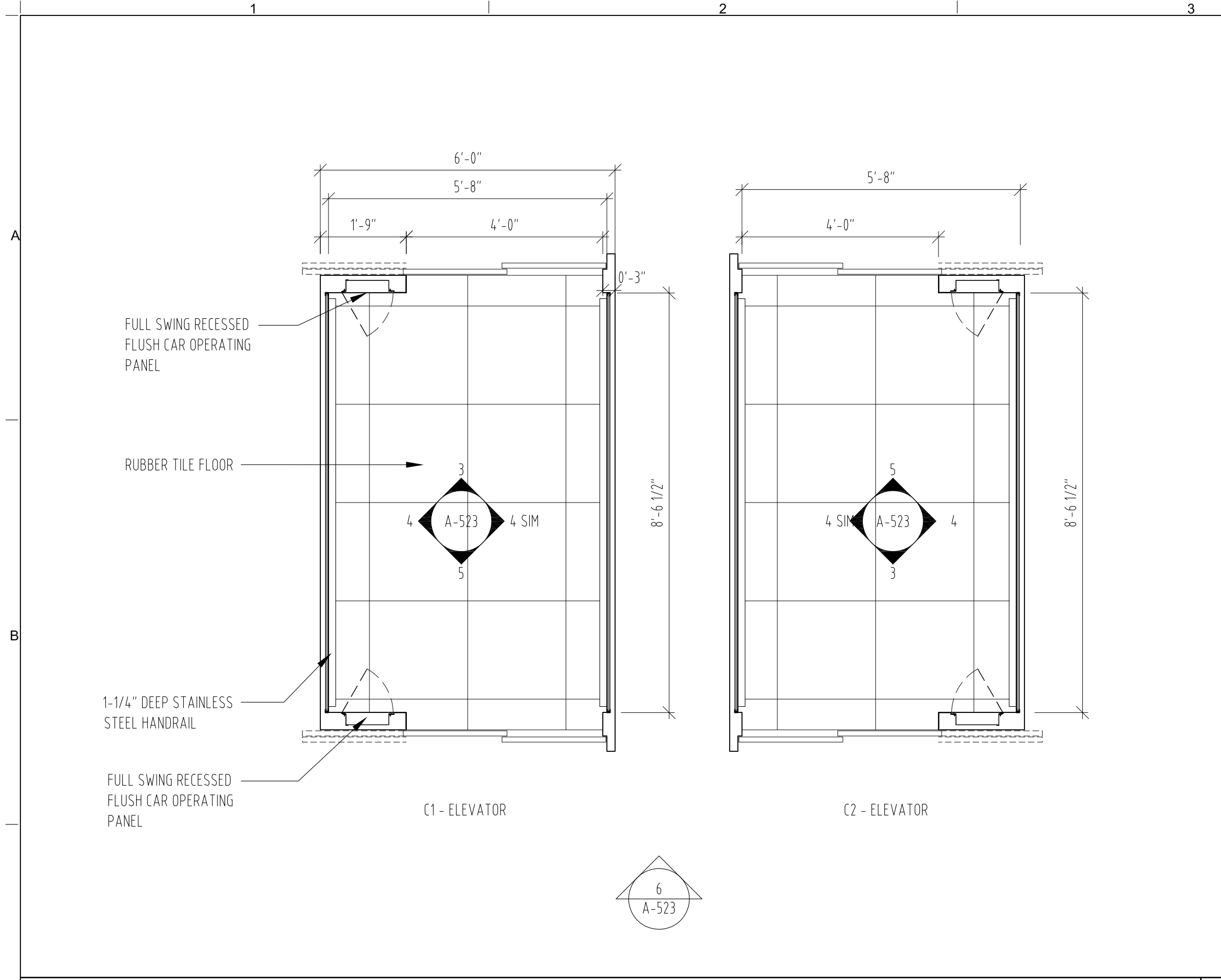


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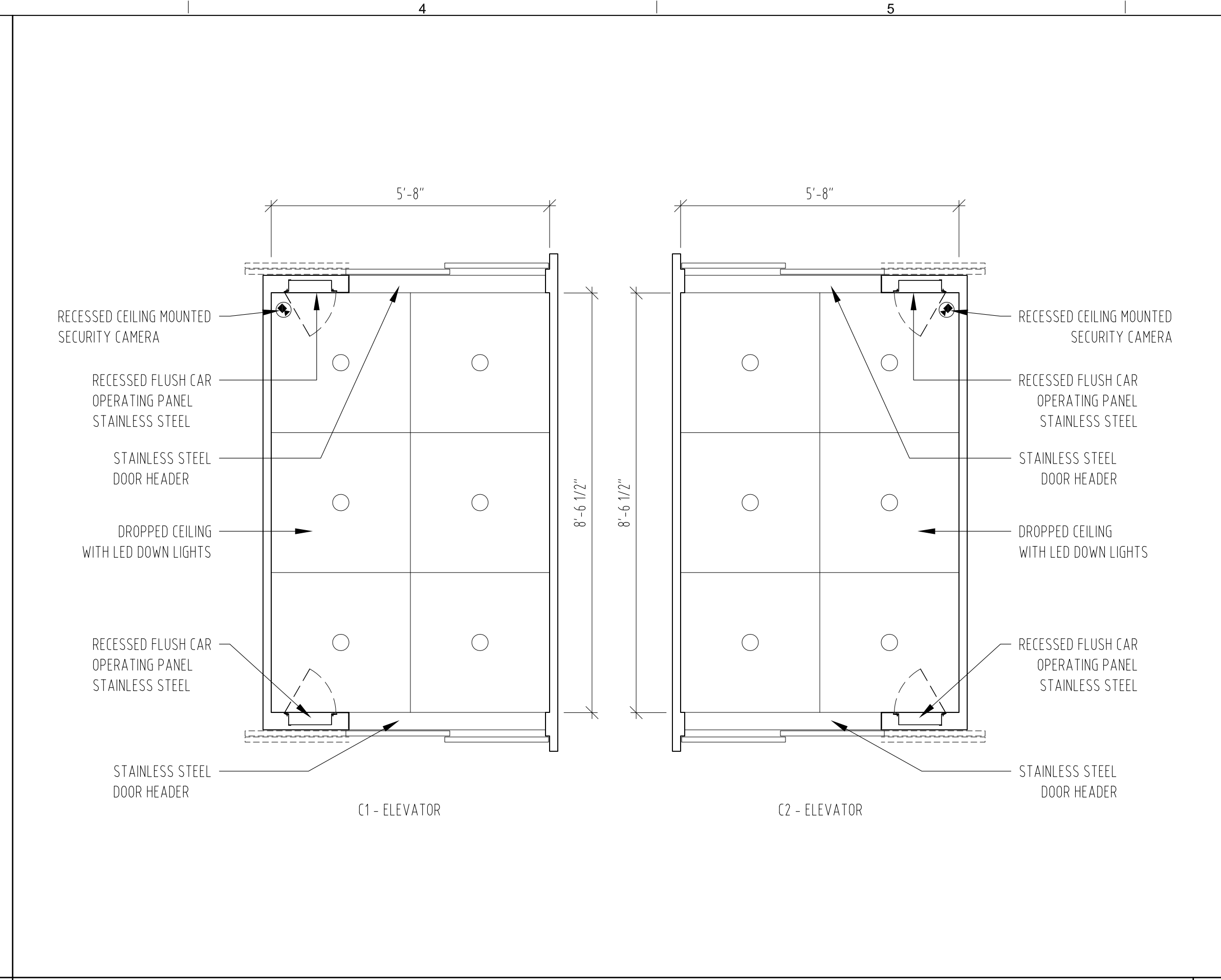
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**INTERIOR DETAILS
ELEVATOR CAB B1
BID ALTERNATE**

DRAWING NUMBER
A-522.00

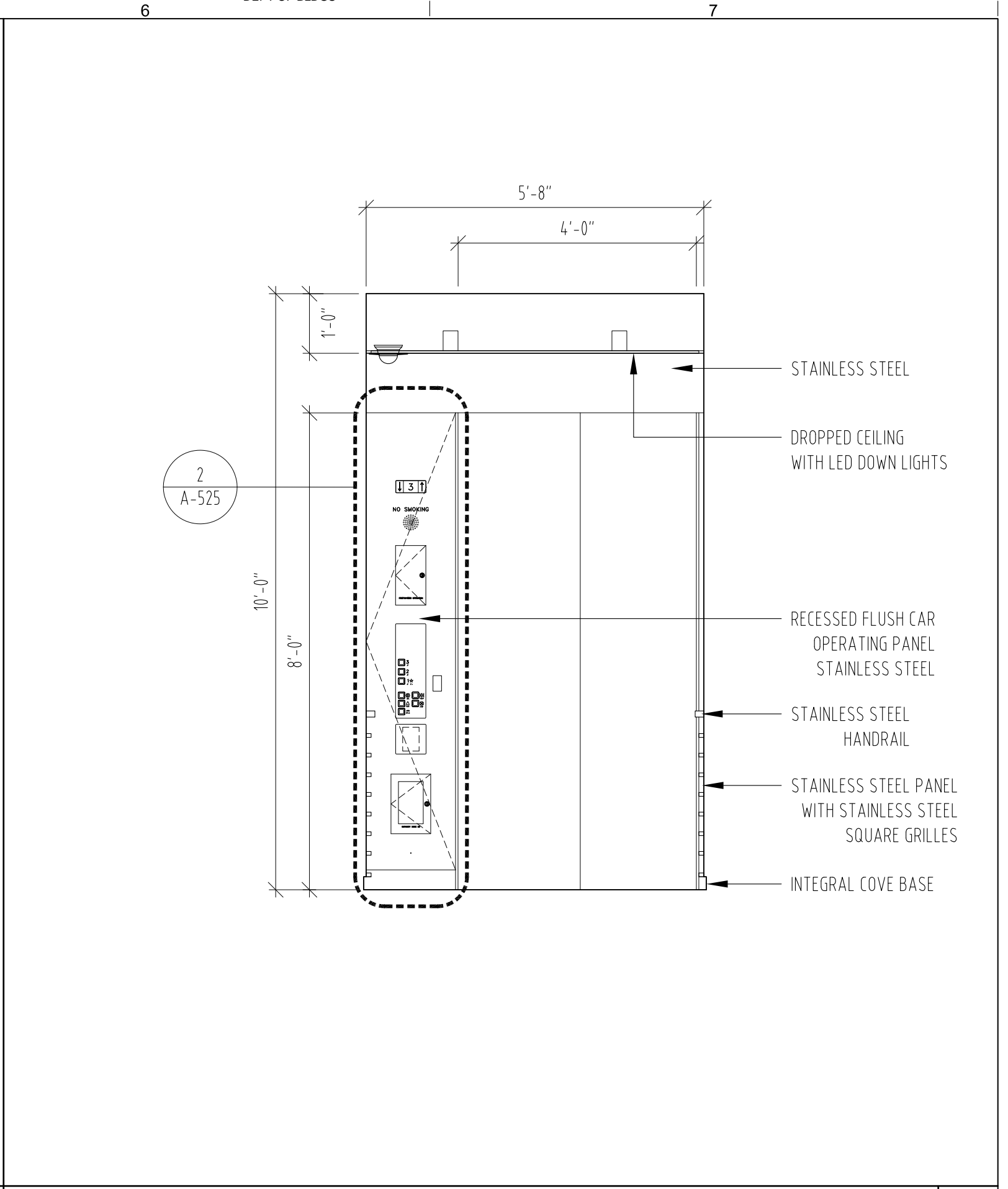
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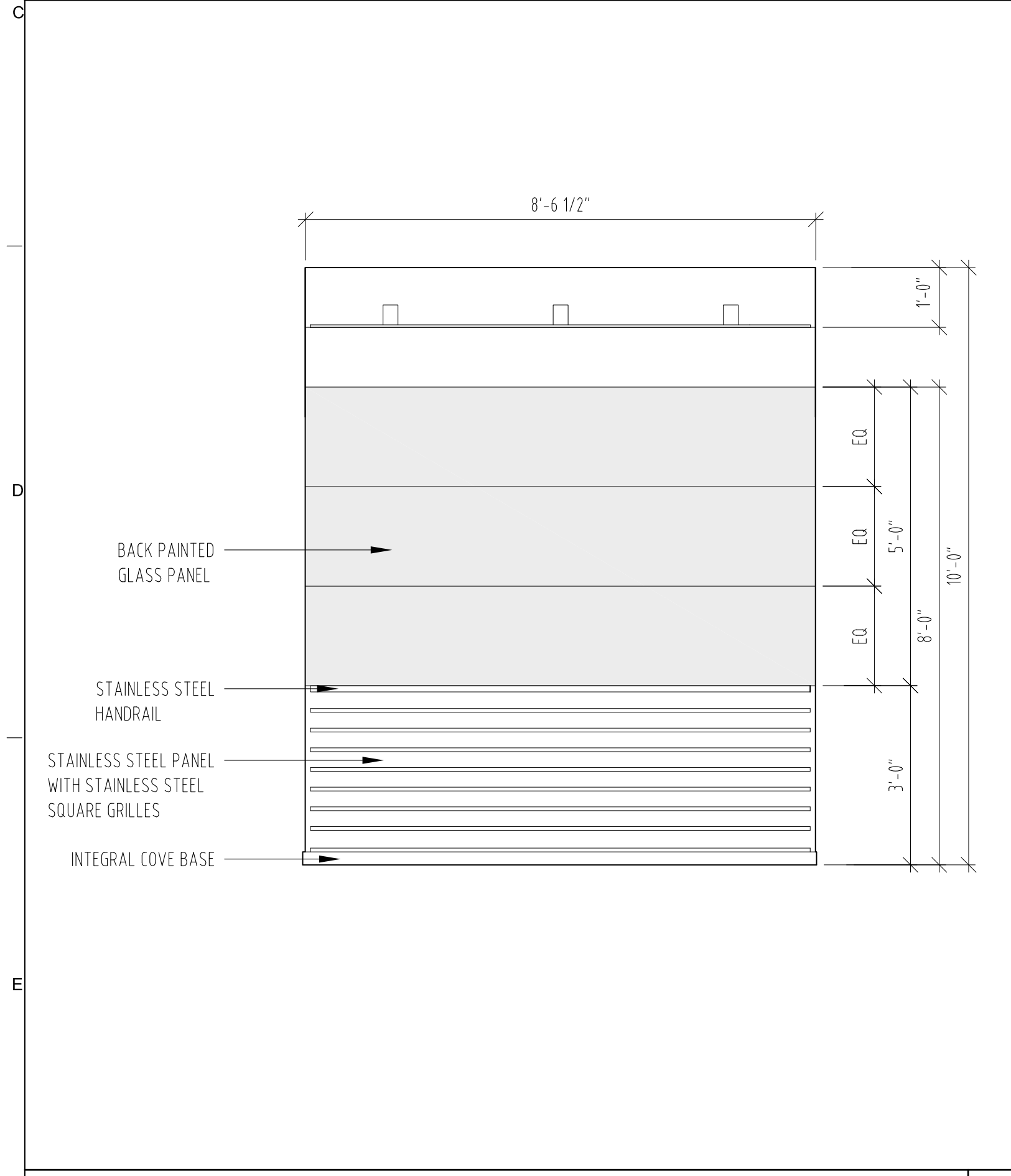
PASSENGER ELEVATOR - C1 & C2 ALTERNATE - FLOOR PLAN
SCALE: 1/2" = 1' - 0"



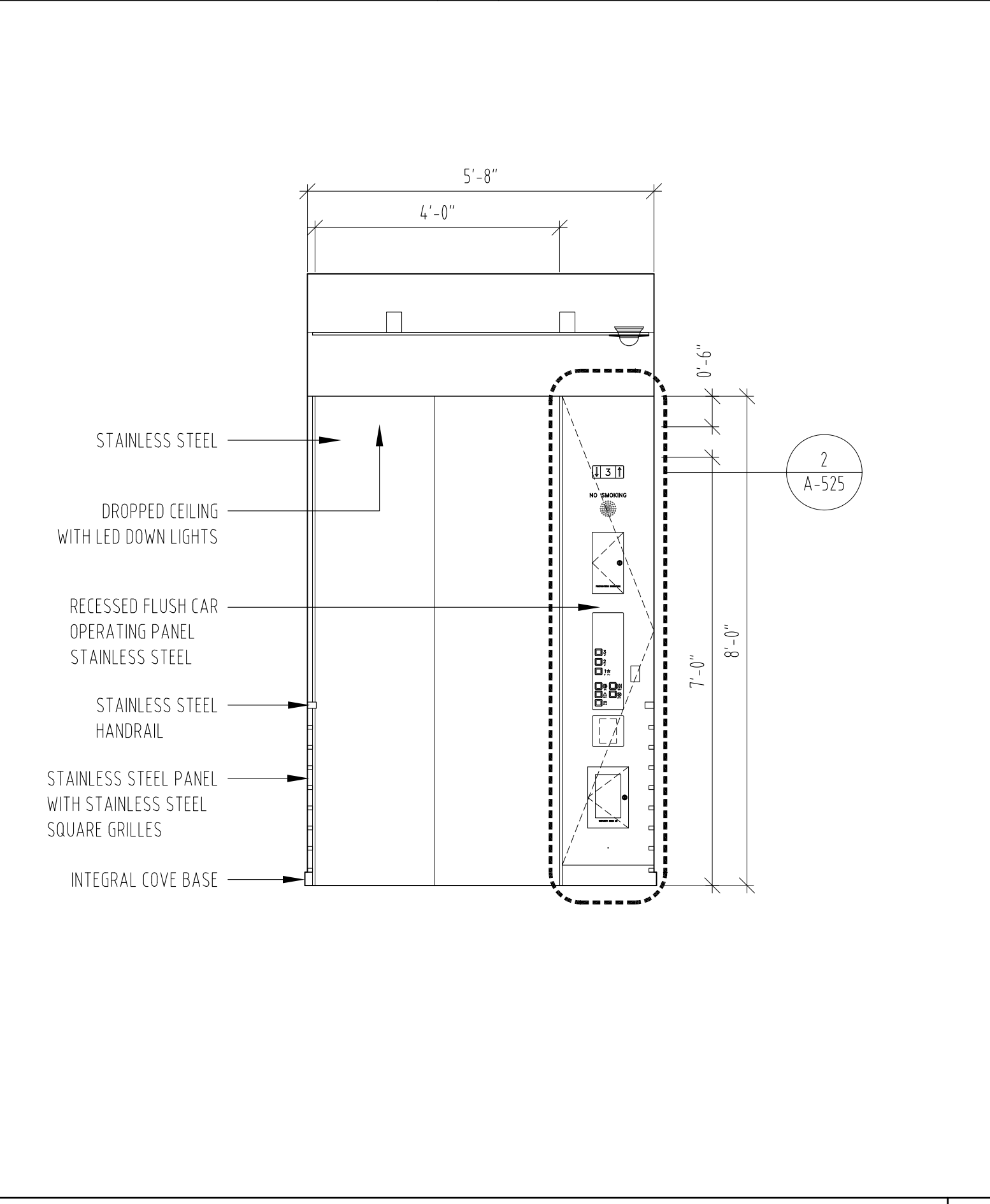
PASSENGER ELEVATOR - C1 & C2 ALTERNATE - REFLECTED CEILING PLAN
SCALE: 1/2" = 1' - 0"



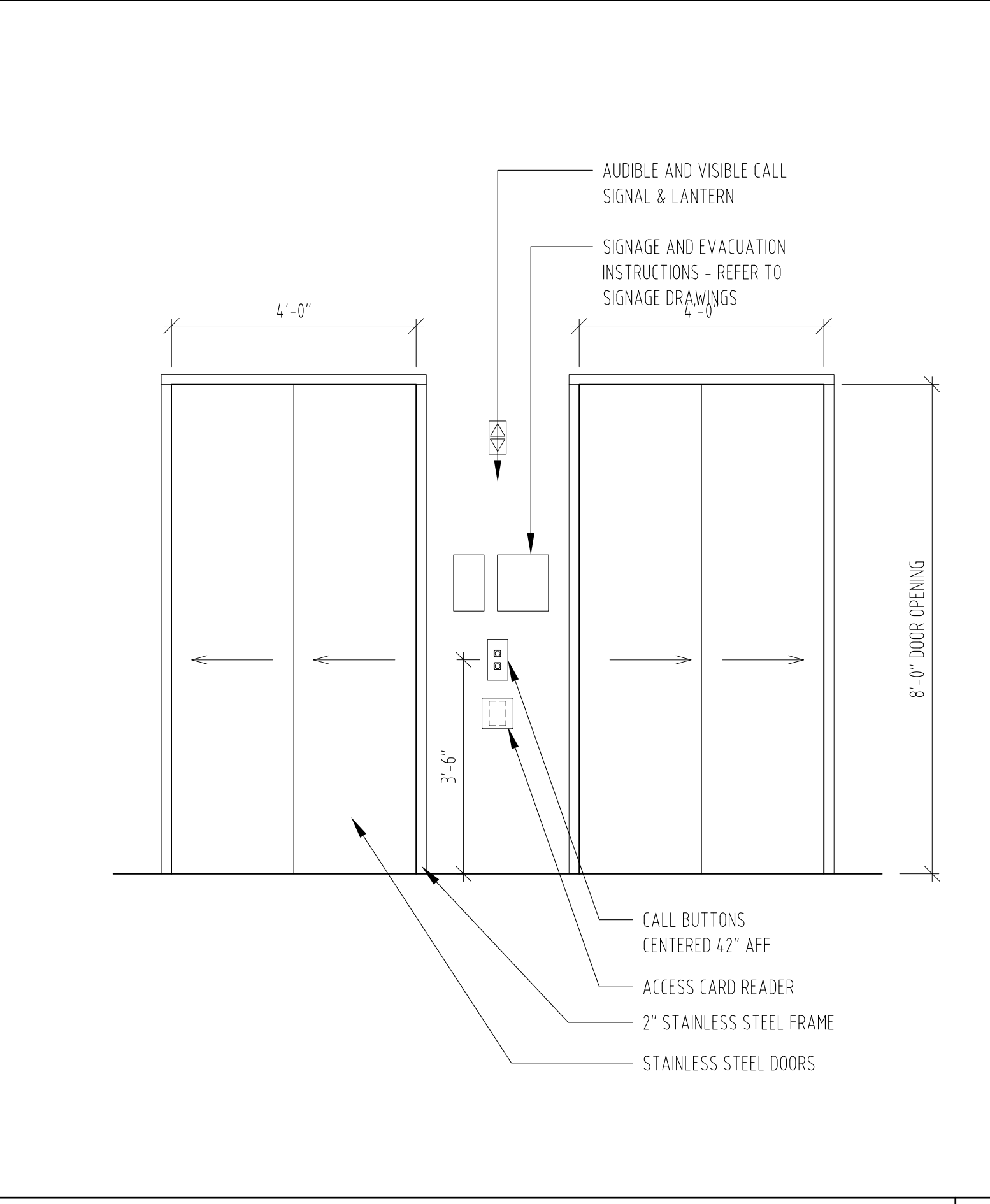
PASSENGER ELEVATOR - C1 & C2 ALTERNATE - ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - C1 & C2 ALTERNATE - ISMJ ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - C1 & C2 ALTERNATE - ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - C1 & C2 ALTERNATE - ELEVATOR ENTRANCE
SCALE: 1/2" = 1' - 0"



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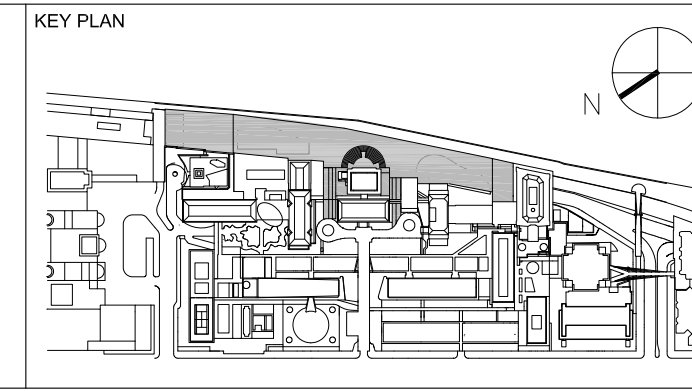
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

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BARD, RAO + ATHANAS
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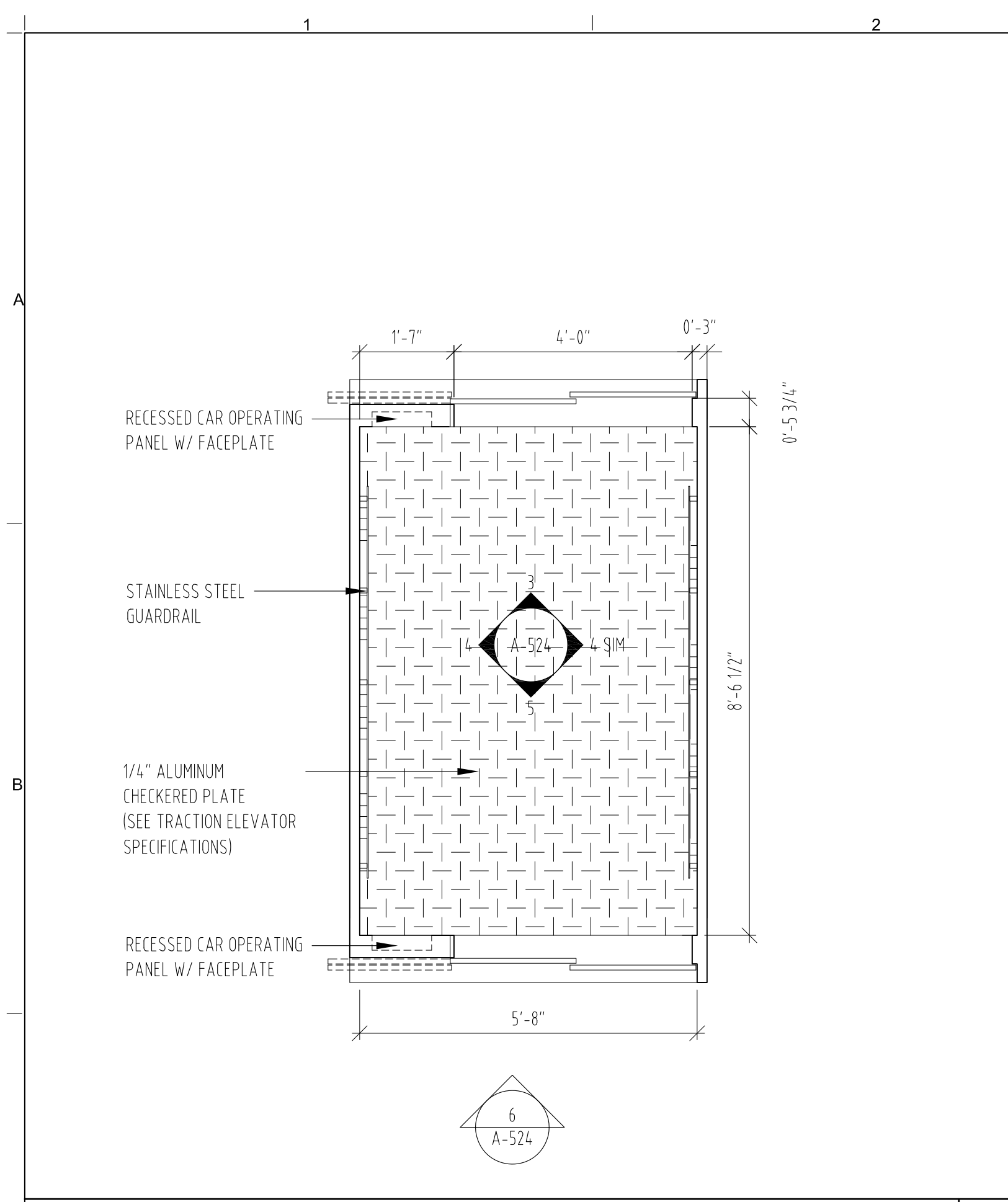


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1	ELEVATOR PACKAGE	30-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE
3	PROGRESS SET	30-OCT-15	24" x 36"
4	DOB SUBMISSION -RB	16-DEC-15	DRAWING SCALE
			1/2" = 1' - 0"
			PROJECT PHASE
			CONSTRUCTION DOCUMENTS

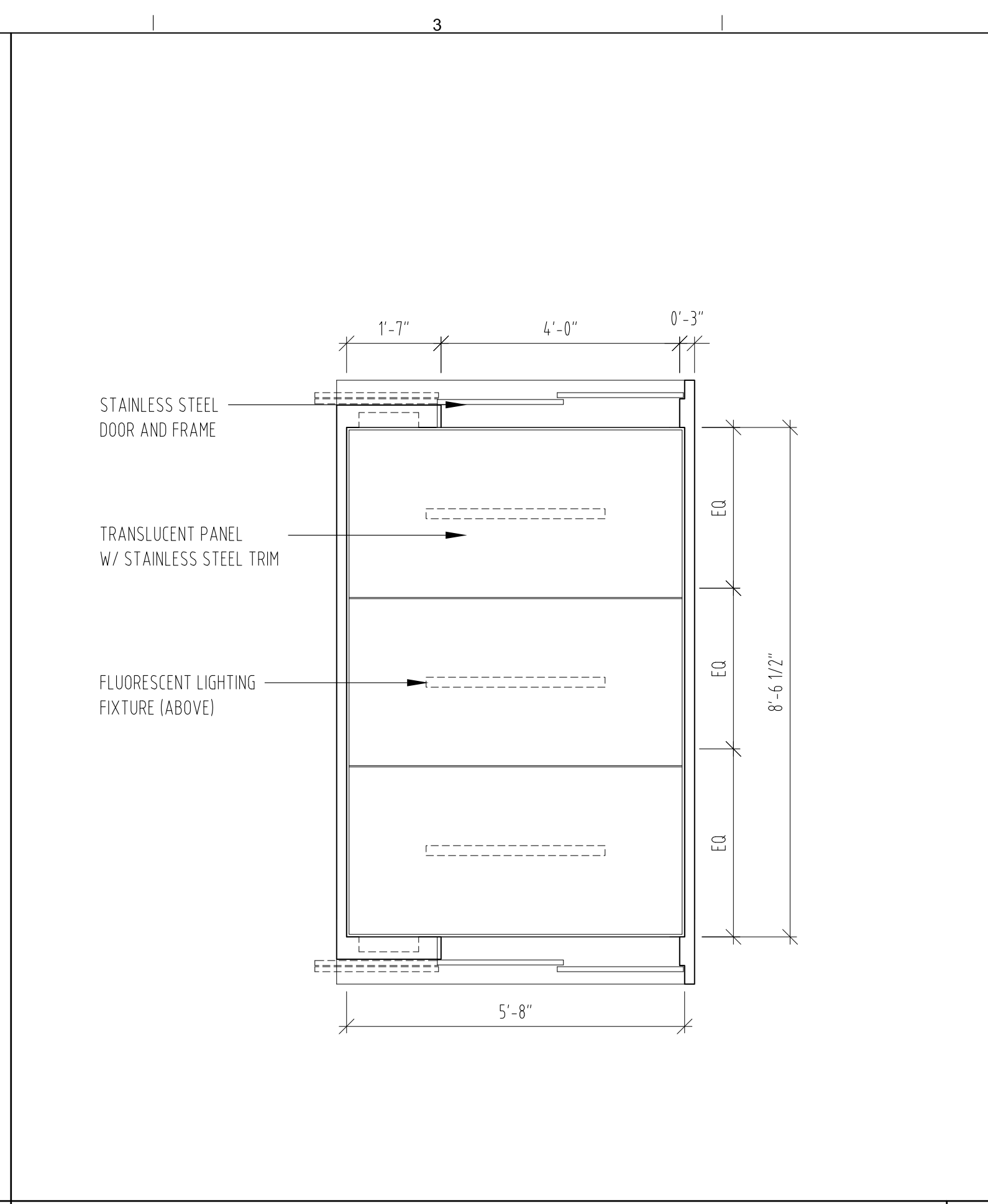
DRAWING TITLE
INTERIOR DETAILS
ELEVATOR CAB C1 & C2
BID ALTERNATE

DRAWING NUMBER
A-523.00

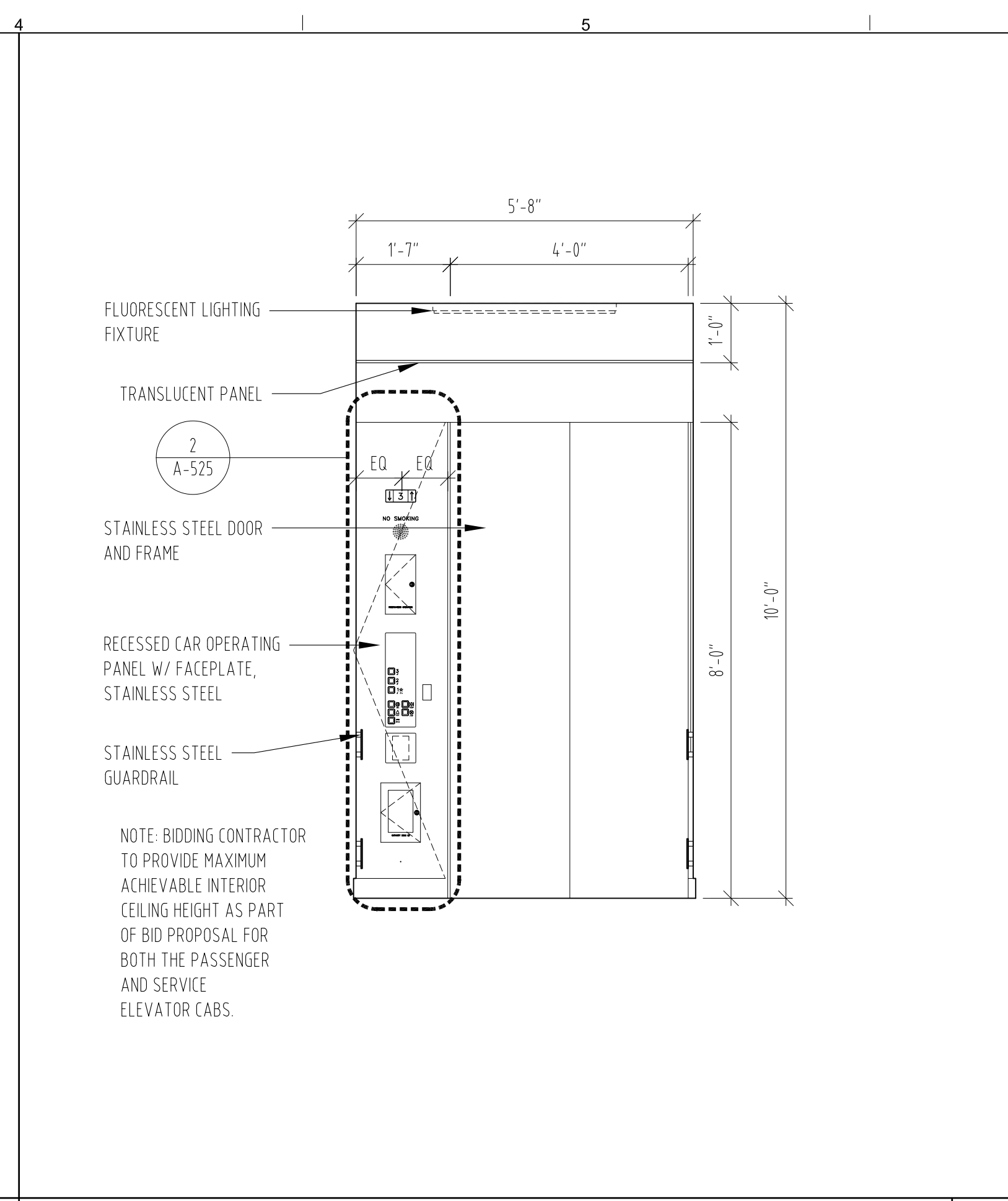
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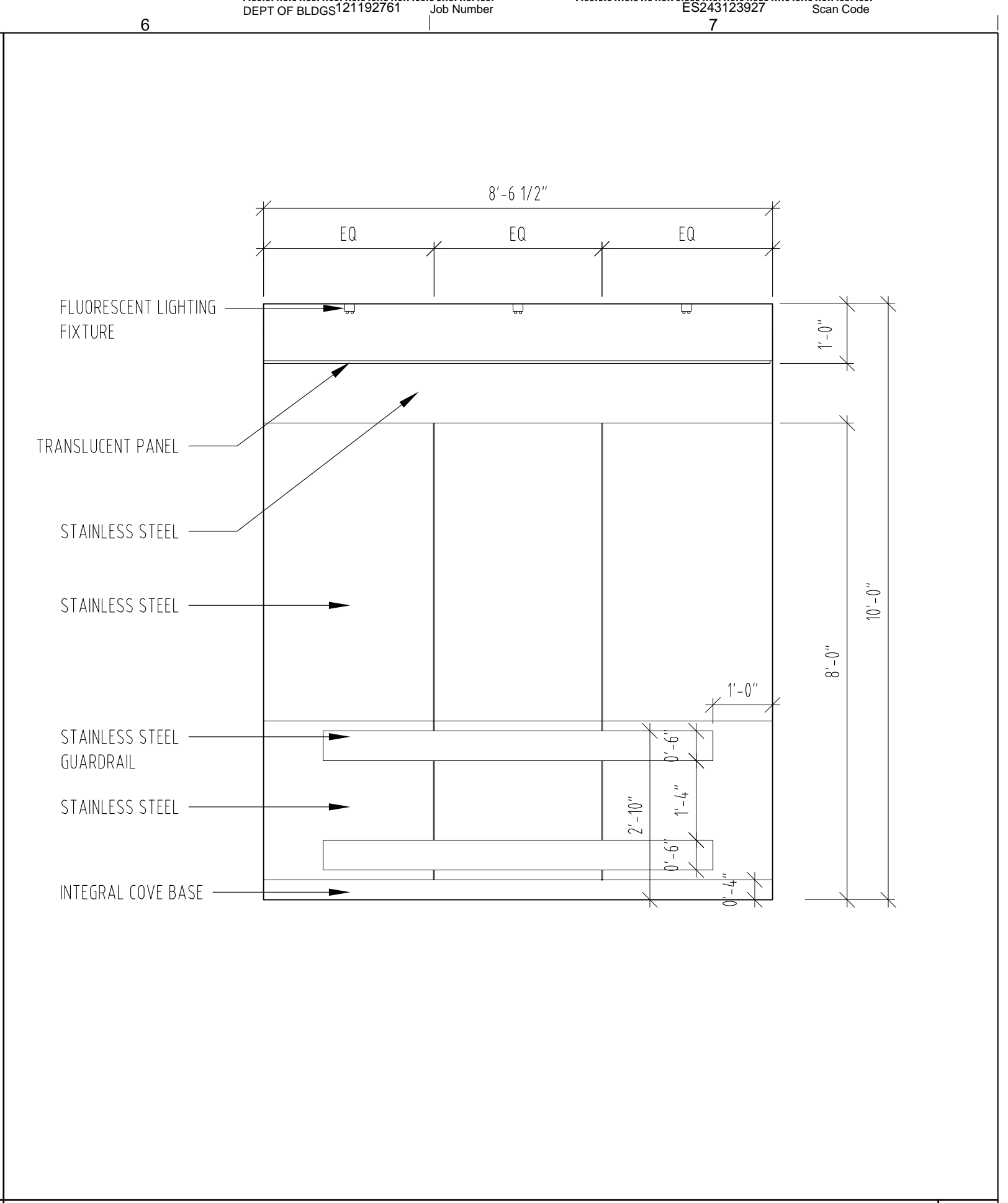
PASSENGER ELEVATOR - D1 ALTERNATE - FLOOR PLAN
SCALE: 1/2" = 1' - 0"



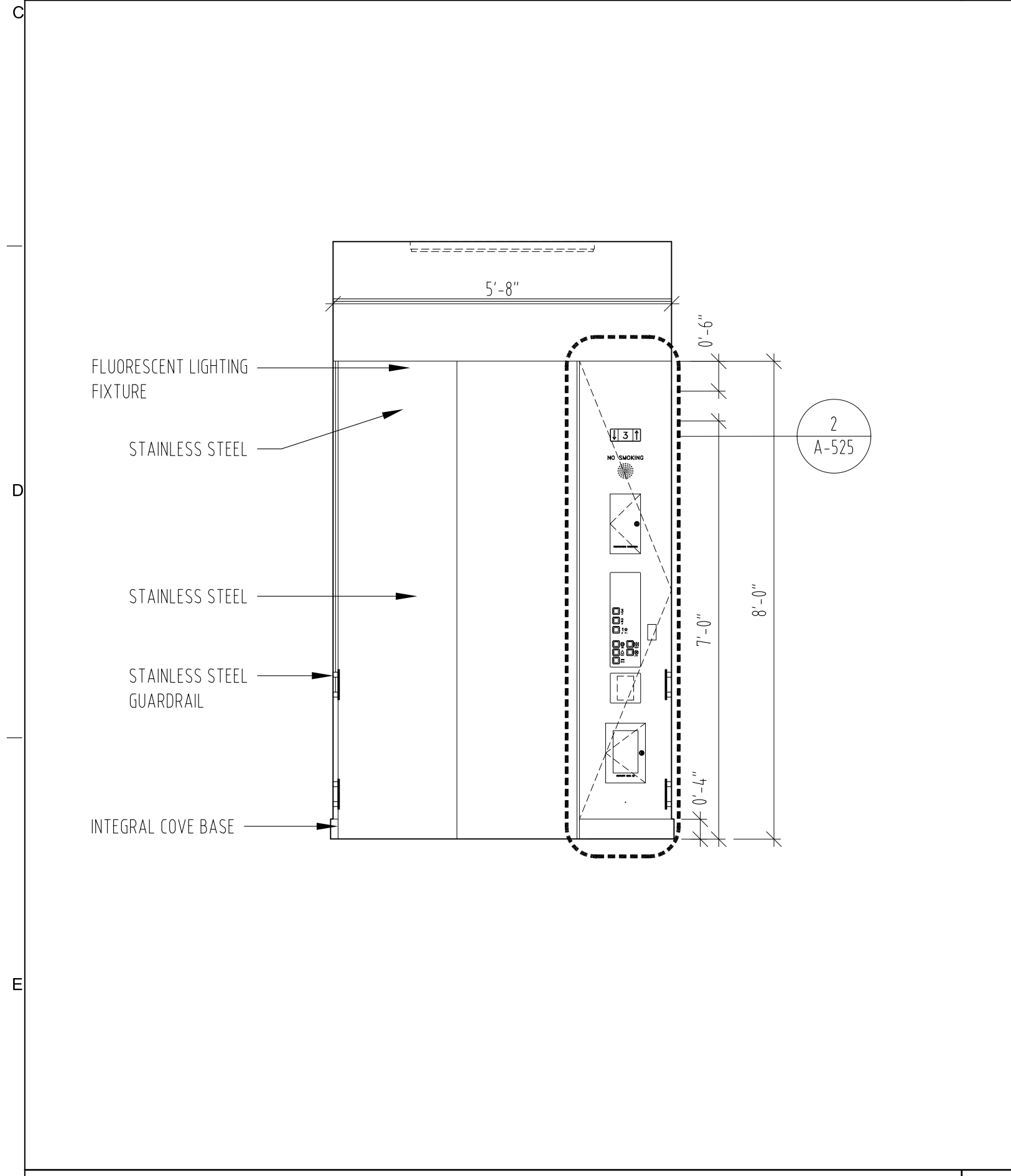
PASSENGER ELEVATOR - D1 ALTERNATE - REFLECTED CEILING PLAN
SCALE: 1/2" = 1' - 0"



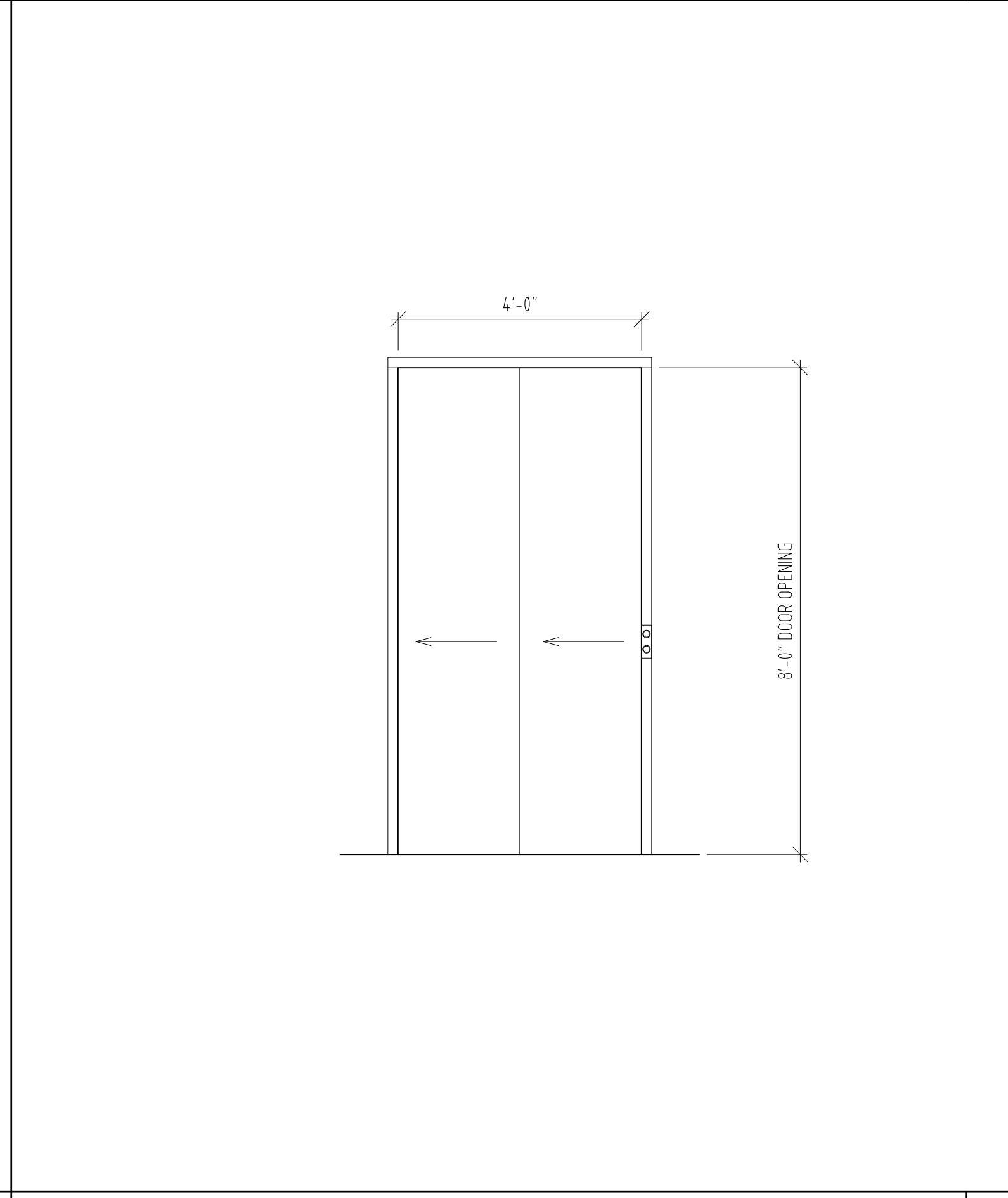
PASSENGER ELEVATOR - D1 ALTERNATE - ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - D1 ALTERNATE - ISMI ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - D1 ALTERNATE - ELEVATION
SCALE: 1/2" = 1' - 0"



PASSENGER ELEVATOR - D1 ALTERNATE - ELEVATOR ENTRANCE
SCALE: 1/2" = 1' - 0"



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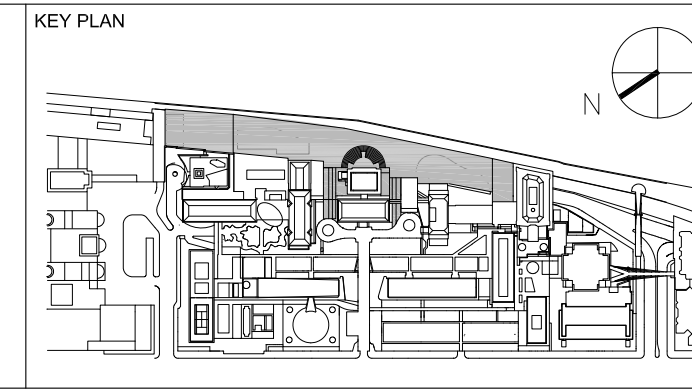
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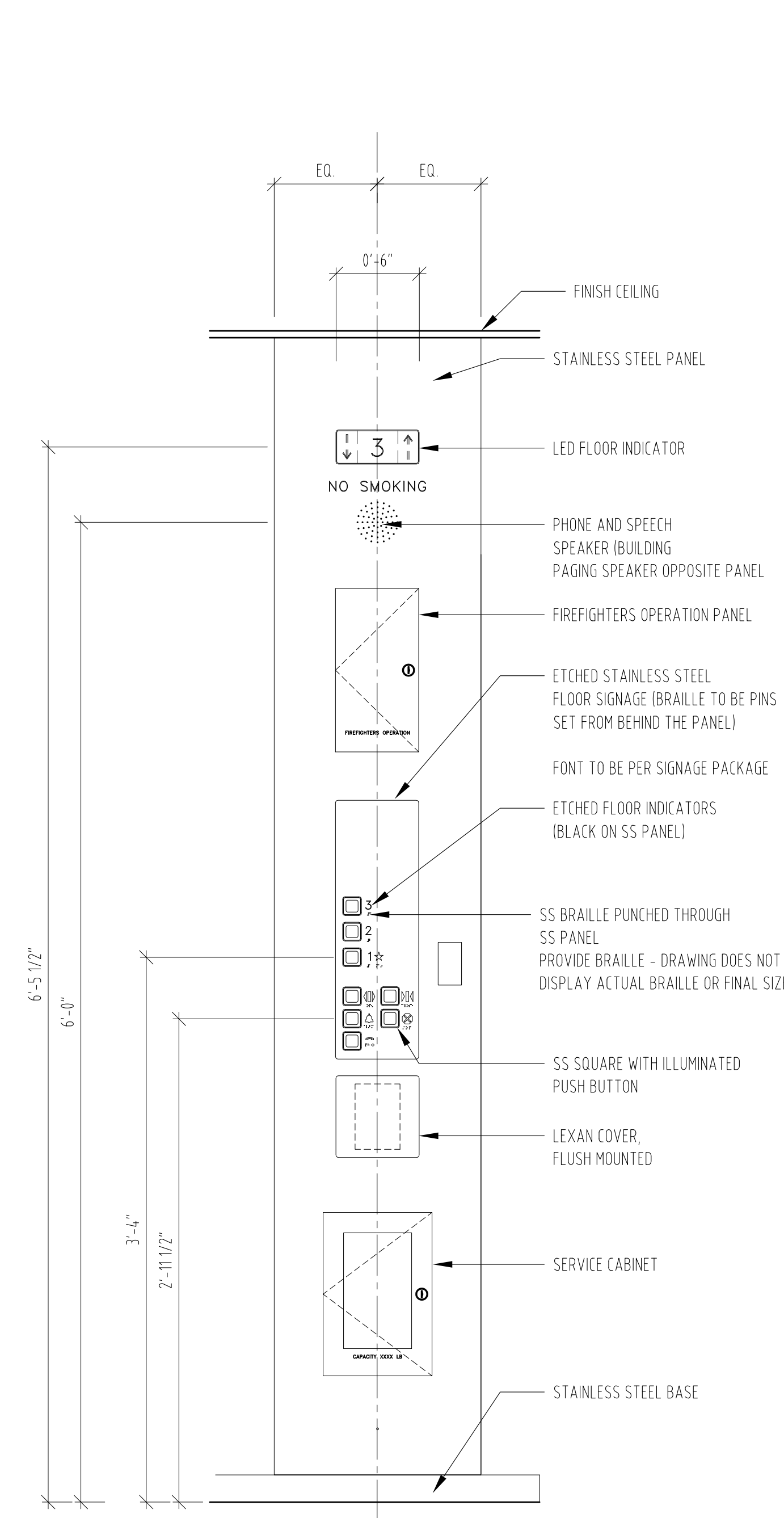
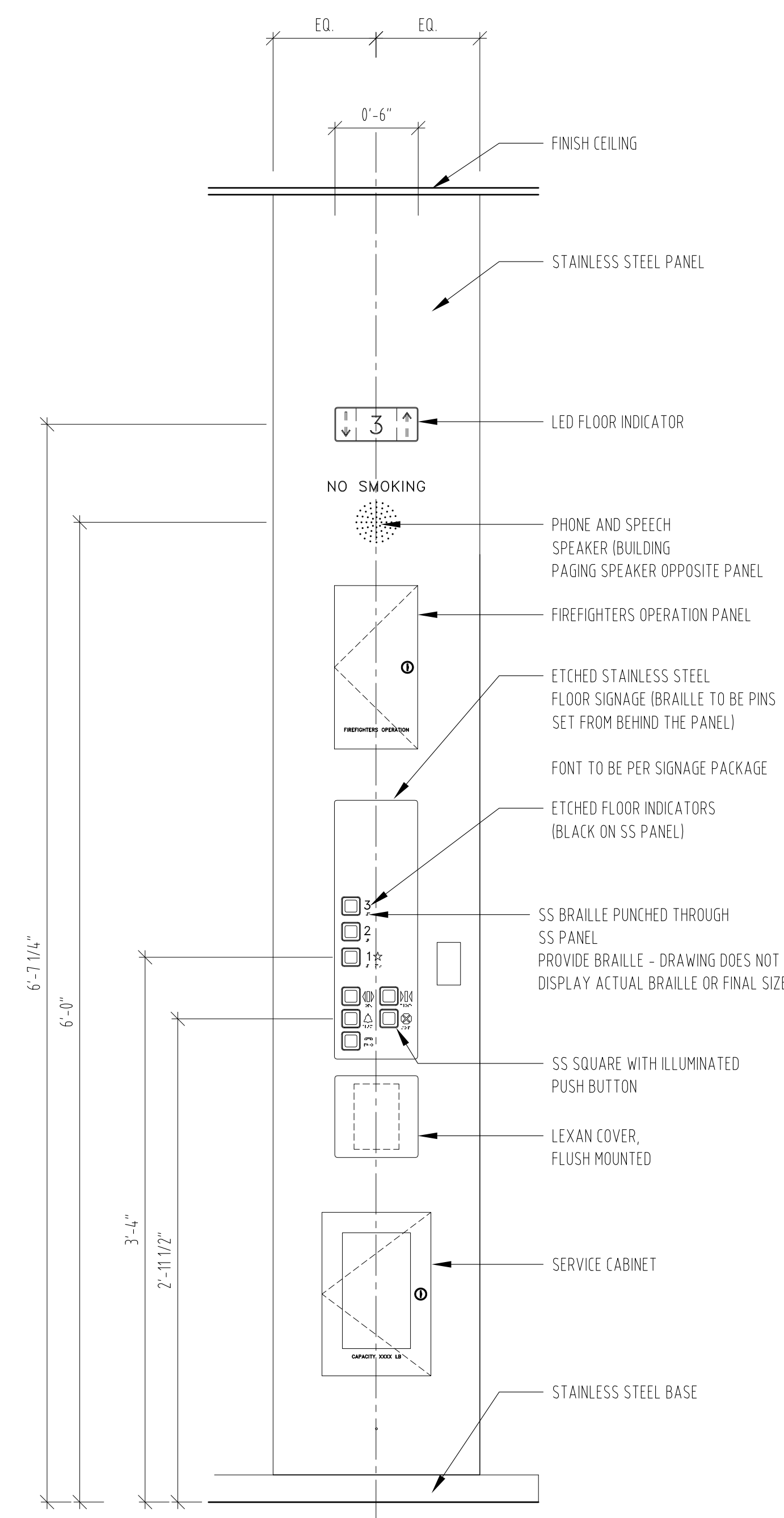


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	ELEVATOR PACKAGE	30-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE
3	PROGRESS SET	30-OCT-15	24" x 36"
4	DOB SUBMISSION -RB	16-DEC-15	DRAWING SCALE
			1/2" = 1' - 0"
			PROJECT PHASE
			CONSTRUCTION DOCUMENTS

DRAWING TITLE
INTERIOR DETAILS
ELEVATOR CAB D1
BID ALTERNATE

DRAWING NUMBER
A-524.00

Sheet 229 of 315
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PASSENGER ELEVATOR - A1, B1, C1, C2 & D1 - MAIN PANEL (ALTERNATE BID)
SCALE: 1-1/2" = 1'-0" 2

PASSENGER ELEVATOR - A1, B1, C1, C2 & D1 - MAIN PANEL (BASE BID)
SCALE: 1-1/2" = 1'-0" 1



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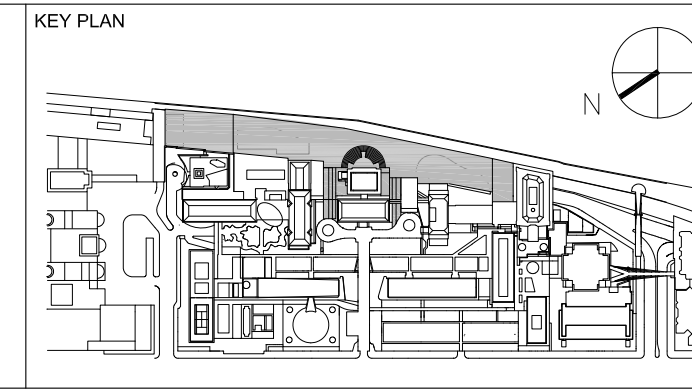
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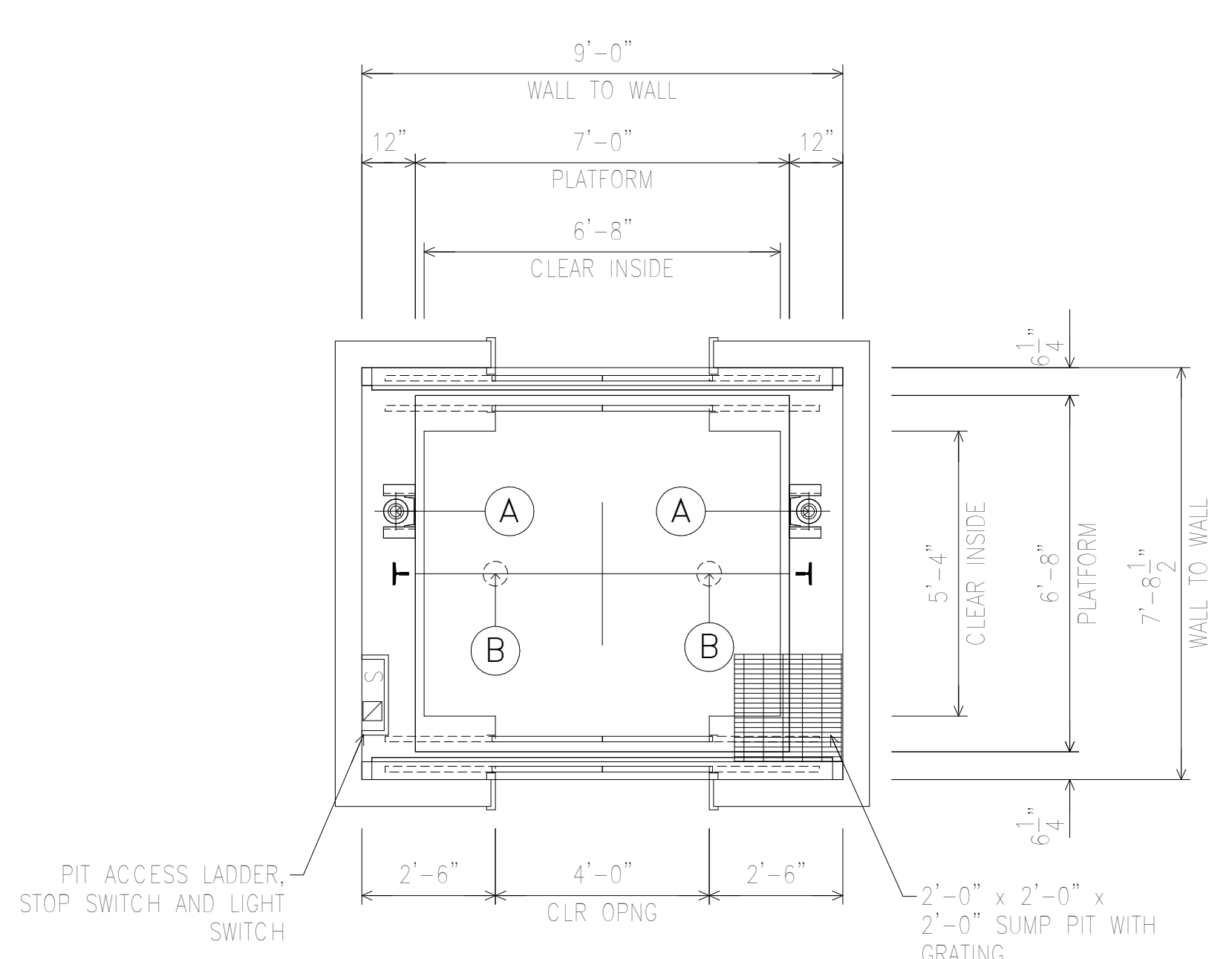
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
1	ELEVATOR PACKAGE	30-JAN-15	664.100	ELEVATOR CAB DETAILS
2	DESIGN DEVELOPMENT	27-FEB-15		
3	PROGRESS SET	30-OCT-15		
4	DOB SUBMISSION -RB	16-DEC-15		
			DRAWING SCALE	
				1-1/2" = 1'-0"
			PROJECT PHASE	
				CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-525.00
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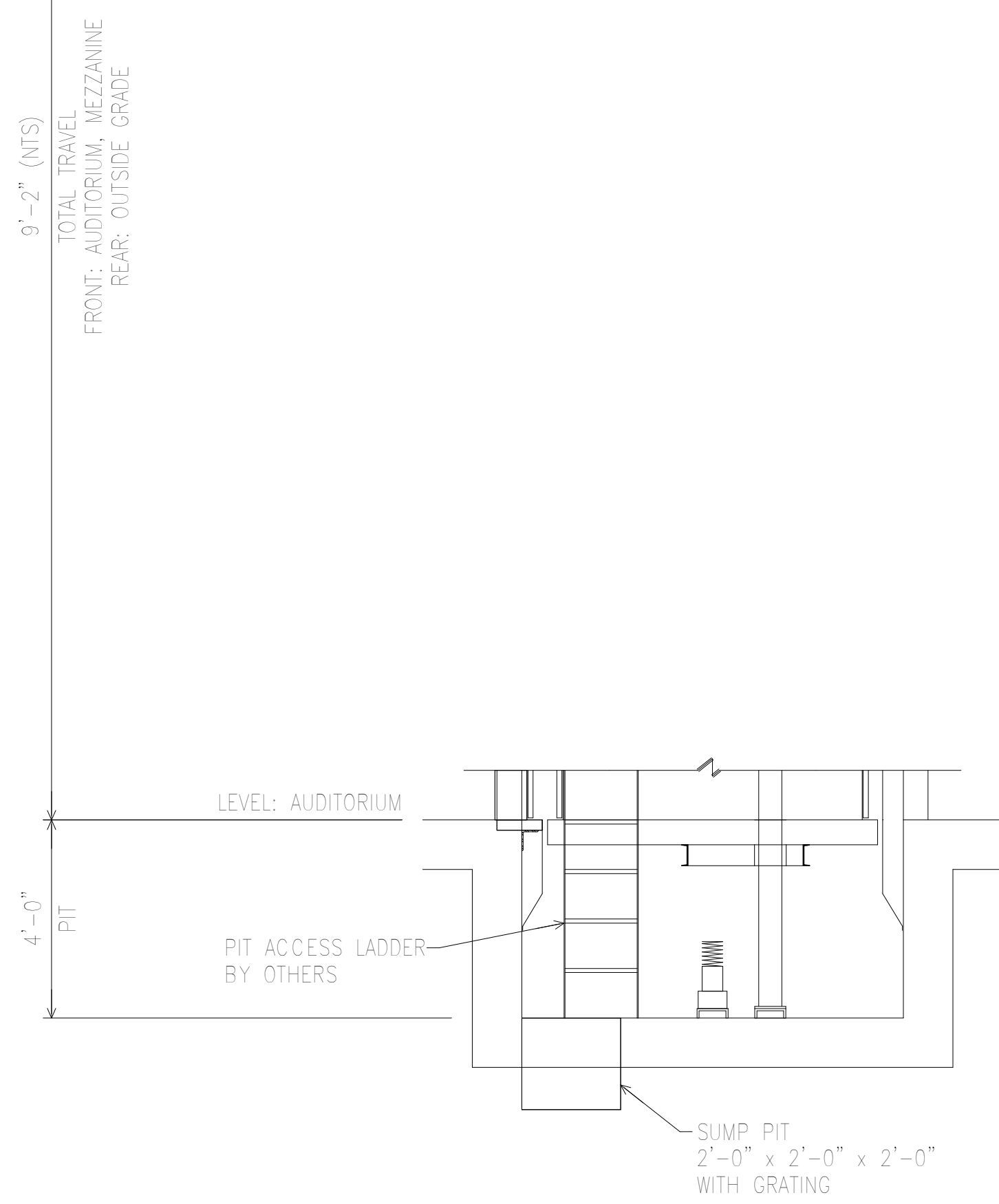
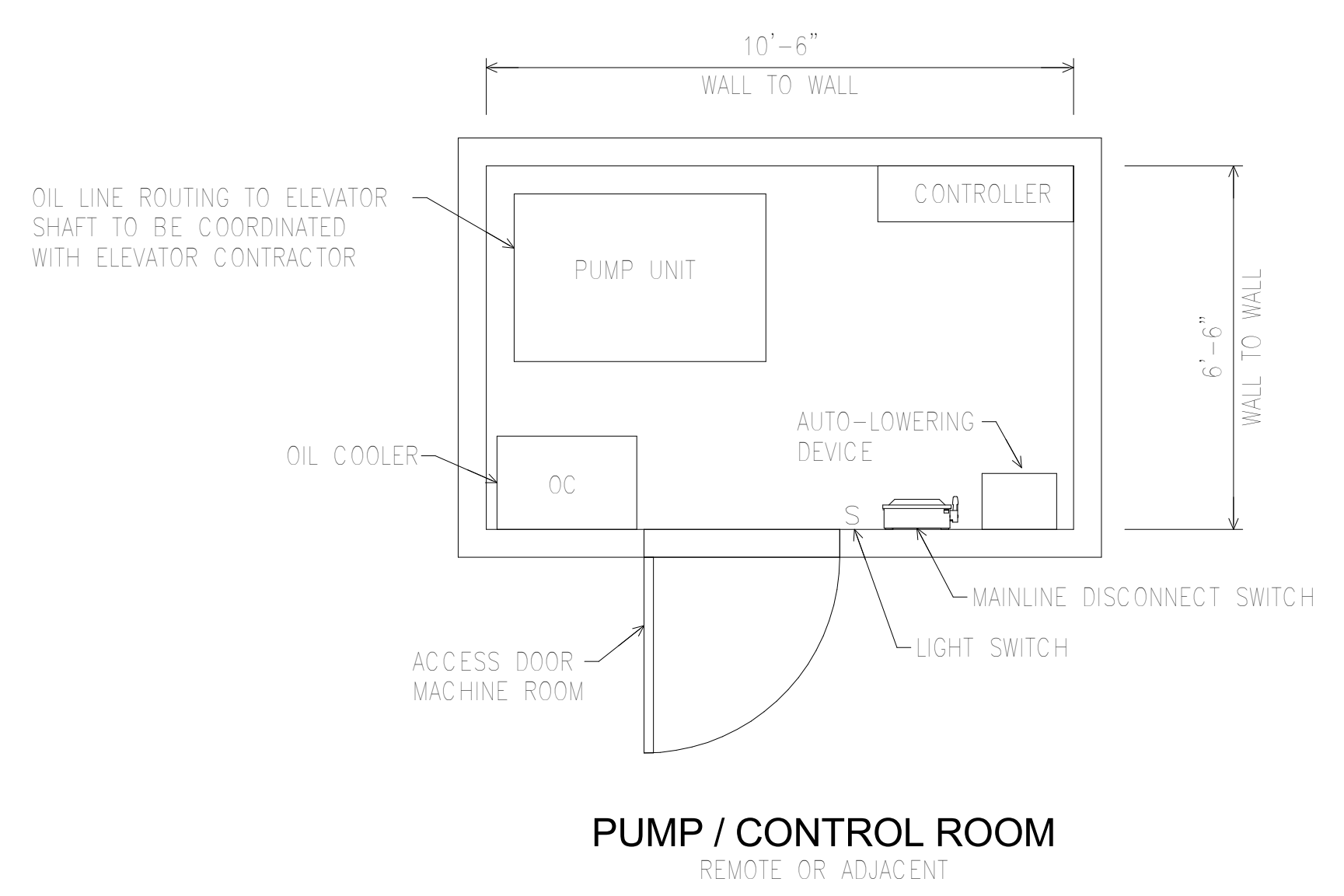
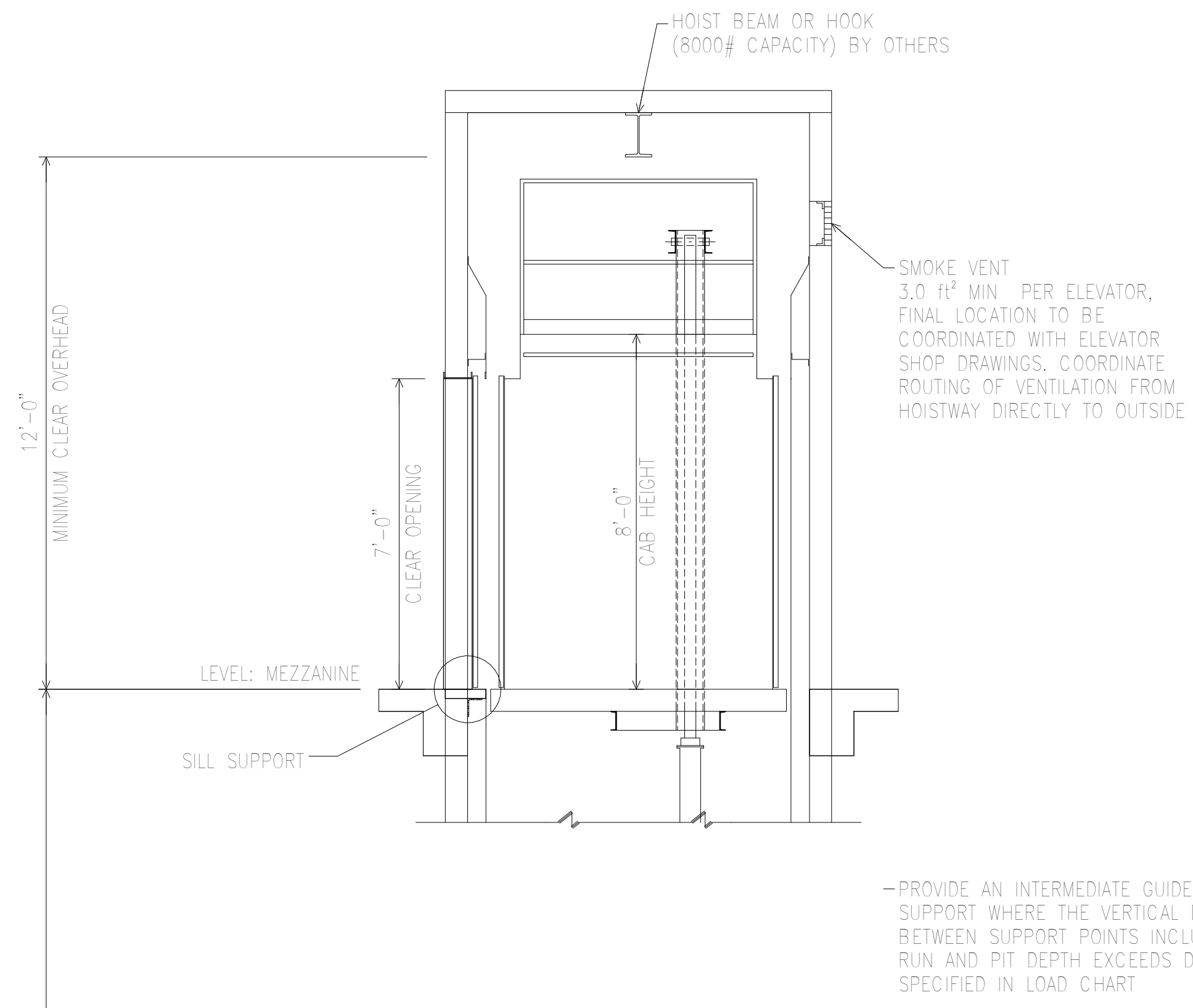


PIT AND RAIL LOADS

SEISMIC		S2
CLASS LOAD RATING		A
RAIL WEIGHT/SIZE		15
HYDRAULIC CYLINDER		A * 10.0 K
CAR BUFFER REACTION		B * 13.0 K
WEIGHT ONE STACK CAR RAIL		300 #
RAIL LOADS PER RAIL	NORMAL FORCES	R1 700 # R2 300 #
	SEISMIC FORCES	R1 ** 1200 # R2 ** 600 #
MAX VERT SPAN GUIDE RAIL SUPPORT		14'

* LOADS SHOWN DO NOT ACT SIMULTANEOUSLY
 ** CAR AND CWT RAILS

Rail support points shall have a max deflection of 1/8" when acted upon by forces R1 and R2
 1/4" when acted upon by seismic forces R1 and R2



Shauqat Shaikh
 Buildings
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 Under Directive 2 of 1975
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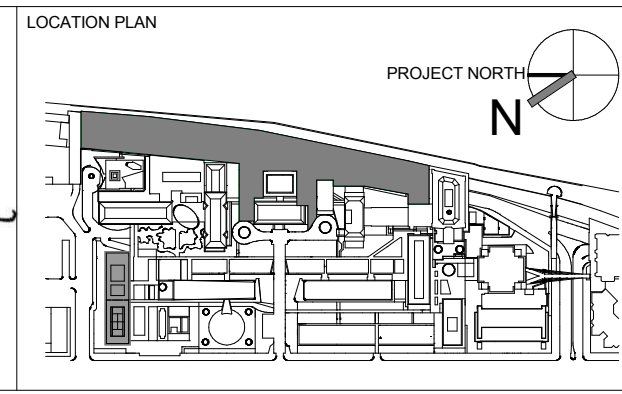
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 ONE LUX STUDIO
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 T. 212.201.5790

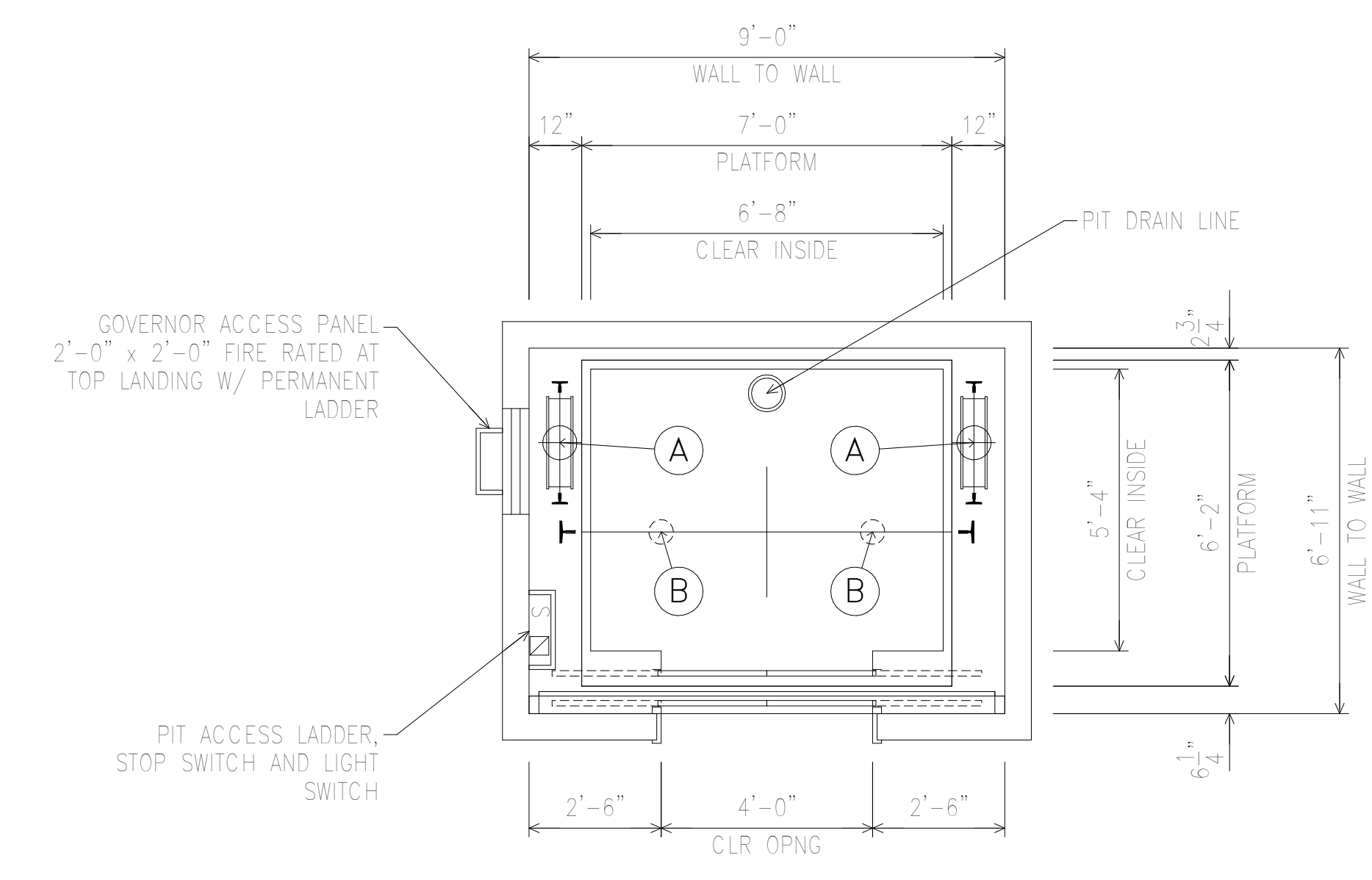
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 SHOUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	ELEVATOR PACKAGE	30-JAN-15	664.100
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE 3/8" = 1'-0"
4	DOB SUBMISSION -RB	16-DEC-15	PROJECT PHASE CONSTRUCTION DOCUMENTS

DRAWING TITLE
**HATCH AND PUMP ROOM PLAN,
 SECTION - SITE ELEVATOR**
 DRAWING NUMBER
A-526.00
 Sheet 231 of 315

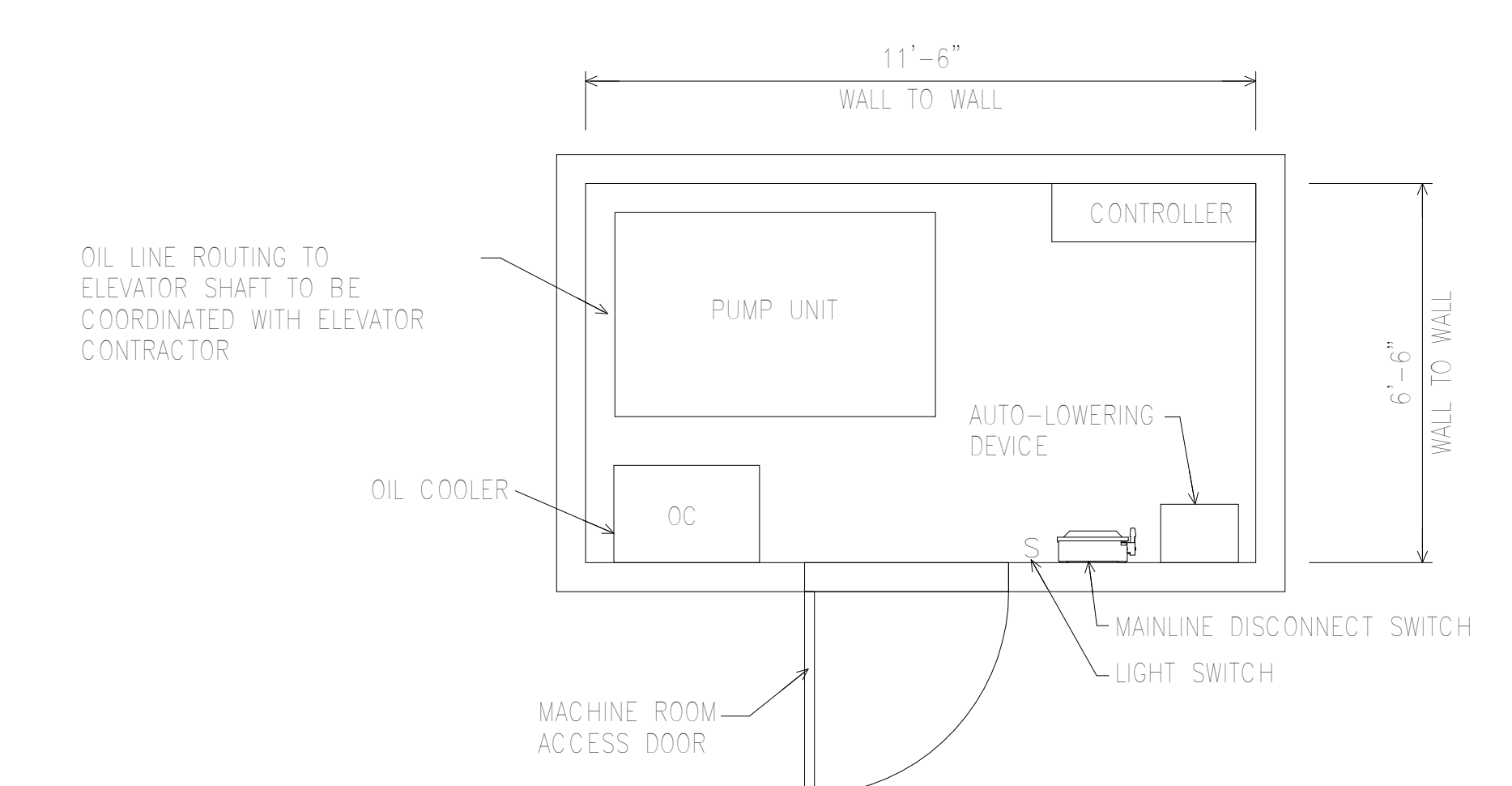
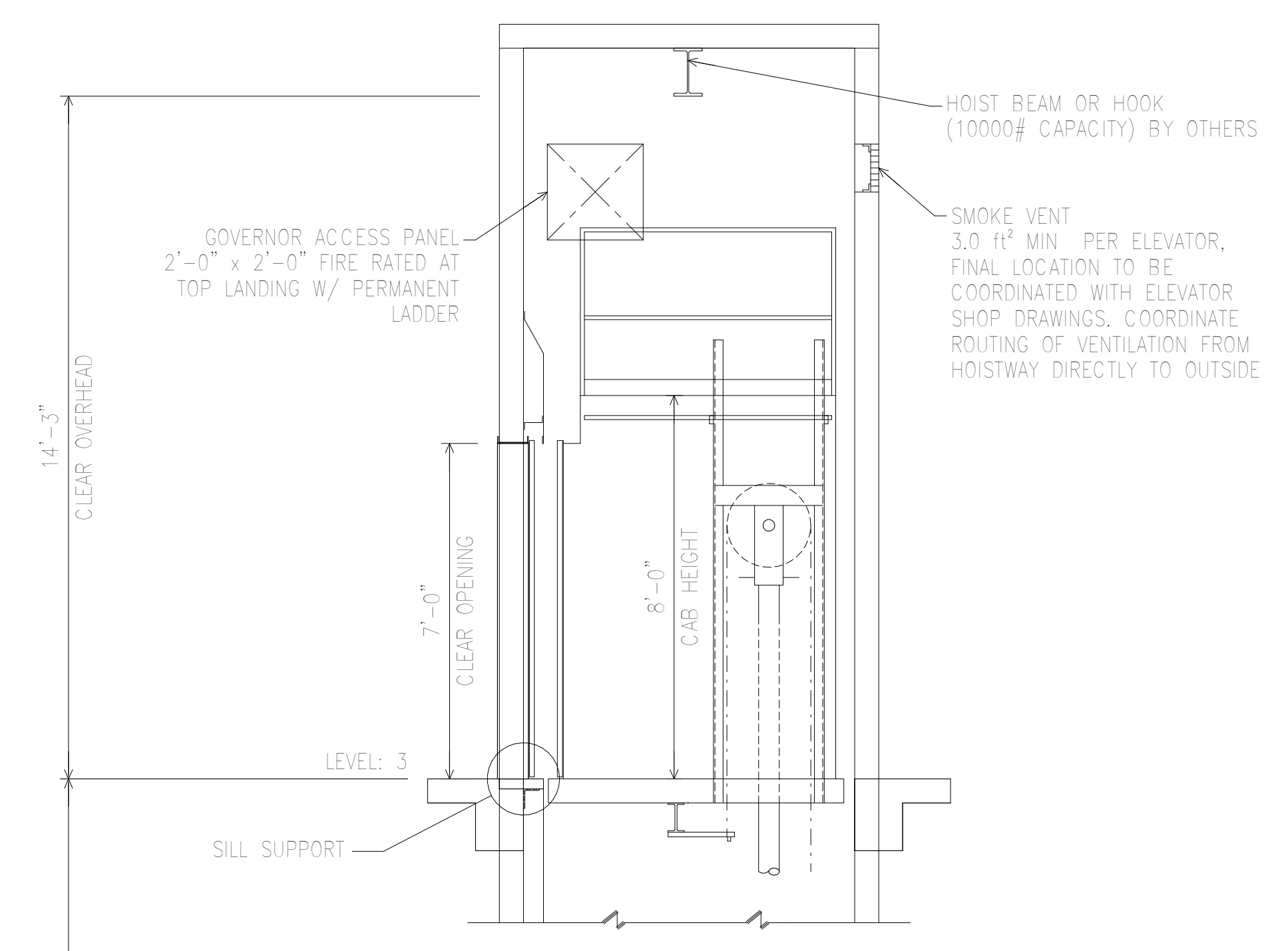


PIT AND RAIL LOADS

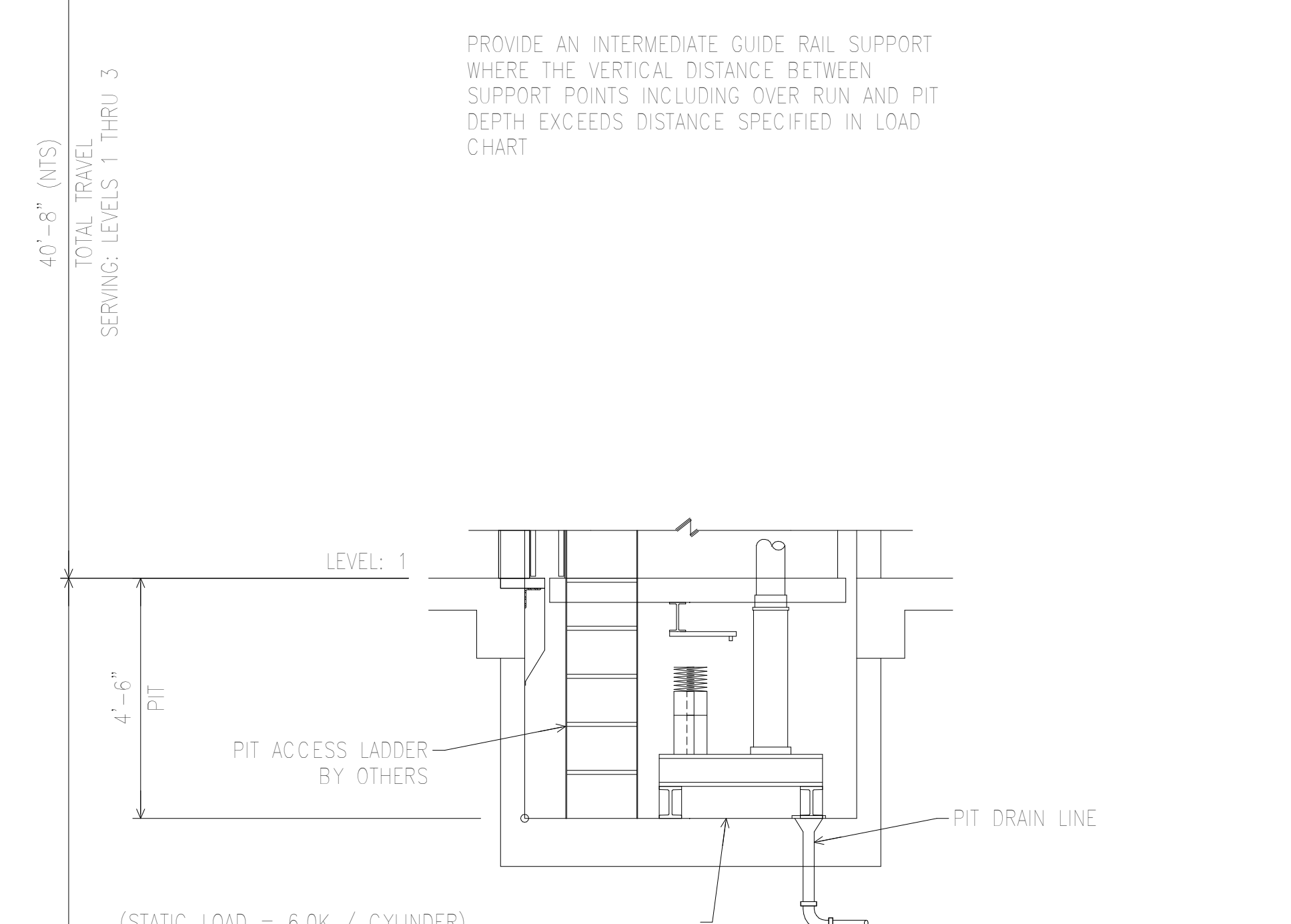
SEISMIC		S2
CLASS LOAD RATING		A
RAIL WEIGHT/SIZE		15
HYDRAULIC CYLINDER		A * 20.5 K
CAR BUFFER REACTION		B * 13.0 K
WEIGHT ONE STACK CAR RAIL		800 #
RAIL LOADS PER RAIL		F_{CAR} * 24.0 K
NORMAL FORCES	R1	700 #
	R2	300 #
SEISMIC FORCES	R1 **	1200 #
	R2 **	600 #
MAX VERT SPAN GUIDE RAIL SUPPORT		14'

* LOADS SHOWN DO NOT ACT SIMULTANEOUSLY
** CAR AND CWT RAILS

Rail support points shall have a max deflection of 1/8" when acted upon by forces R1 and R2
1/4" when acted upon by seismic forces R1 and R2



PUMP / CONTROL ROOM
REMOTE OR ADJACENT



(STATIC LOAD = 6.0K / CYLINDER)
FOR THE PROTECTION OF SPACES BELOW HOISTWAY THE CODE MANDATES THE CYLINDER SHALL BE SUPPORTED BY A STRUCTURE OF SUFFICIENT STRENGTH TO SUPPORT THE ENTIRE STATIC LOAD AT RATED CAPACITY THAT MAY BE IMPOSED UPON IT. THE DESIGN FACTOR OF SAFETY SHALL NOT BE LESS THAN FIVE BASED ON ULTIMATE STRENGTH FOR STATIC LOADS TRANSMITTED.

Shauqat Shaikh
Shauqat Shaikh
Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
NYC Development Hub

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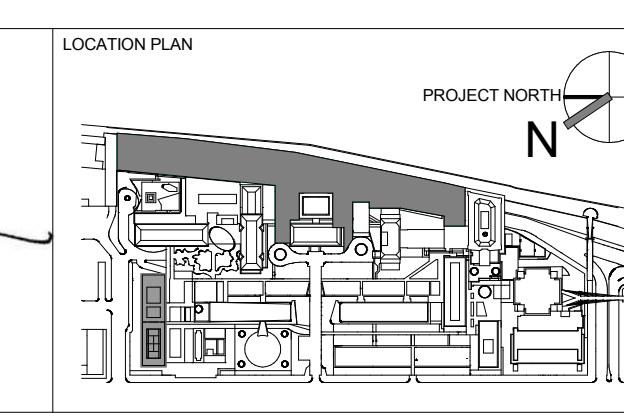
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THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

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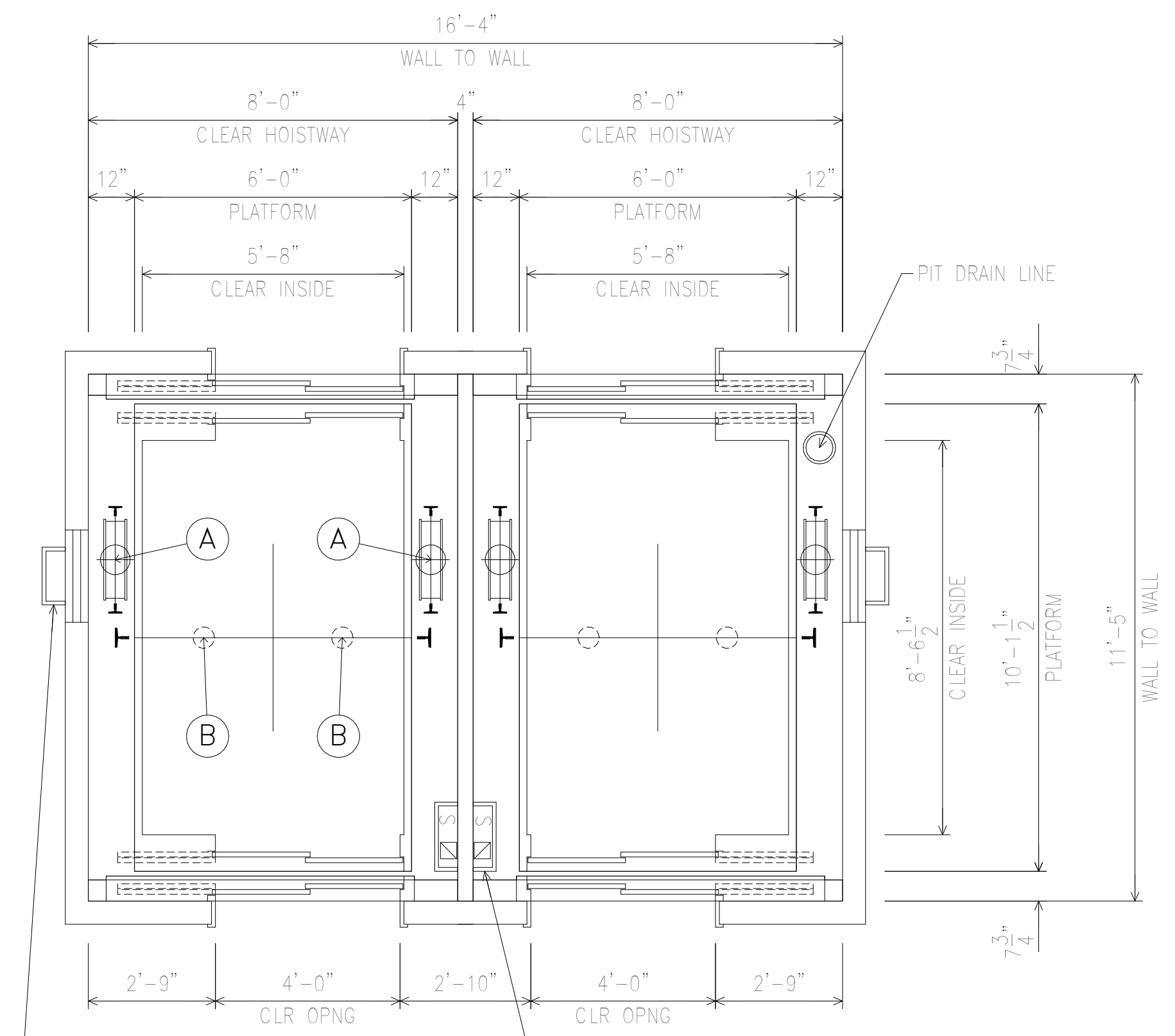
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REGISTERED ARCHITECT
DORIS BASHIR
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	ELEVATOR PACKAGE	30-JAN-15	664-100
2	DESIGN DEVELOPMENT	27-FEB-15	
3	PROGRESS SET	30-OCT-15	
4	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
HATCH AND PUMP ROOM PLAN
SECTION ELEVATOR B1

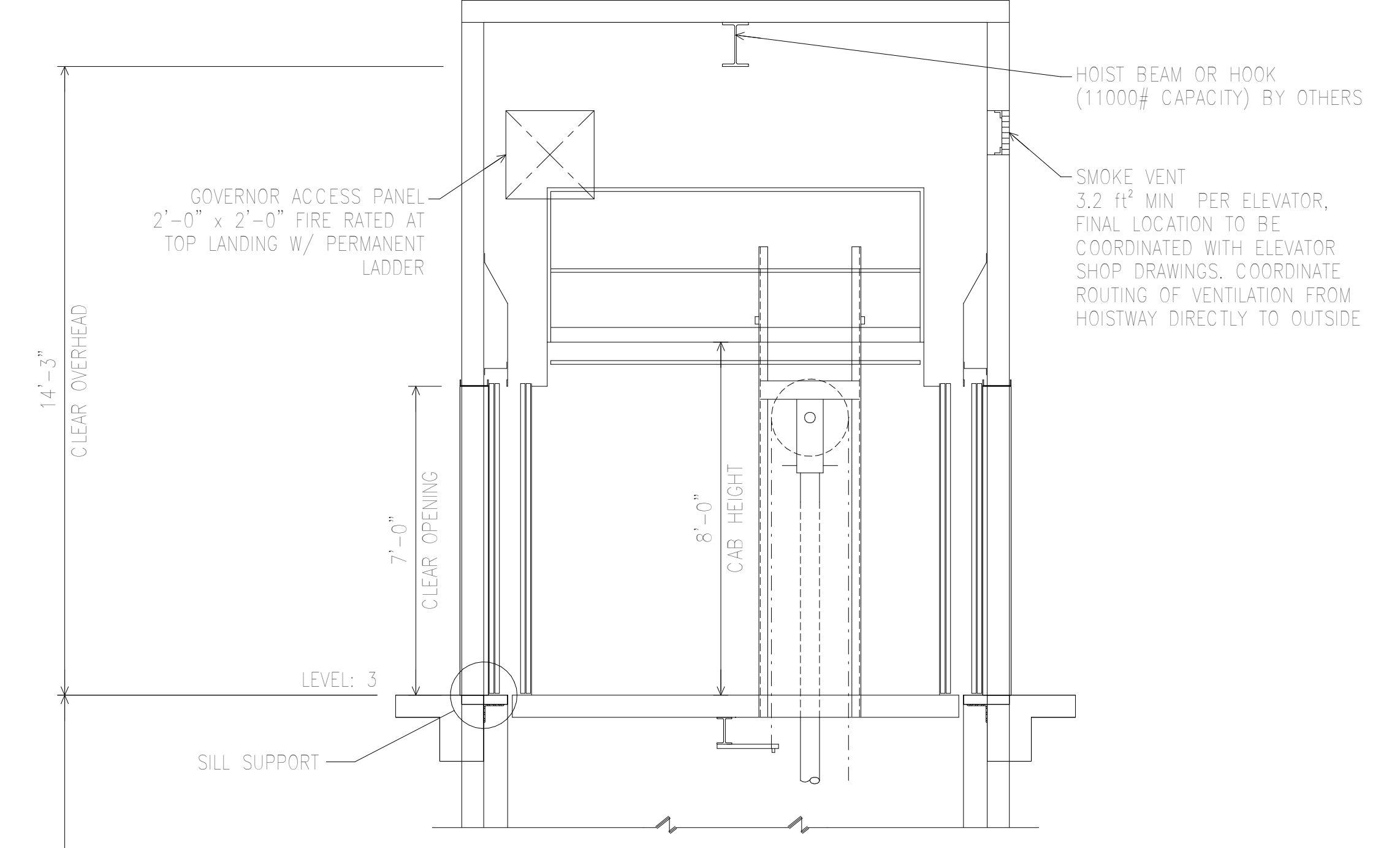
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PIT AND RAIL LOADS (PER ELEVATOR)

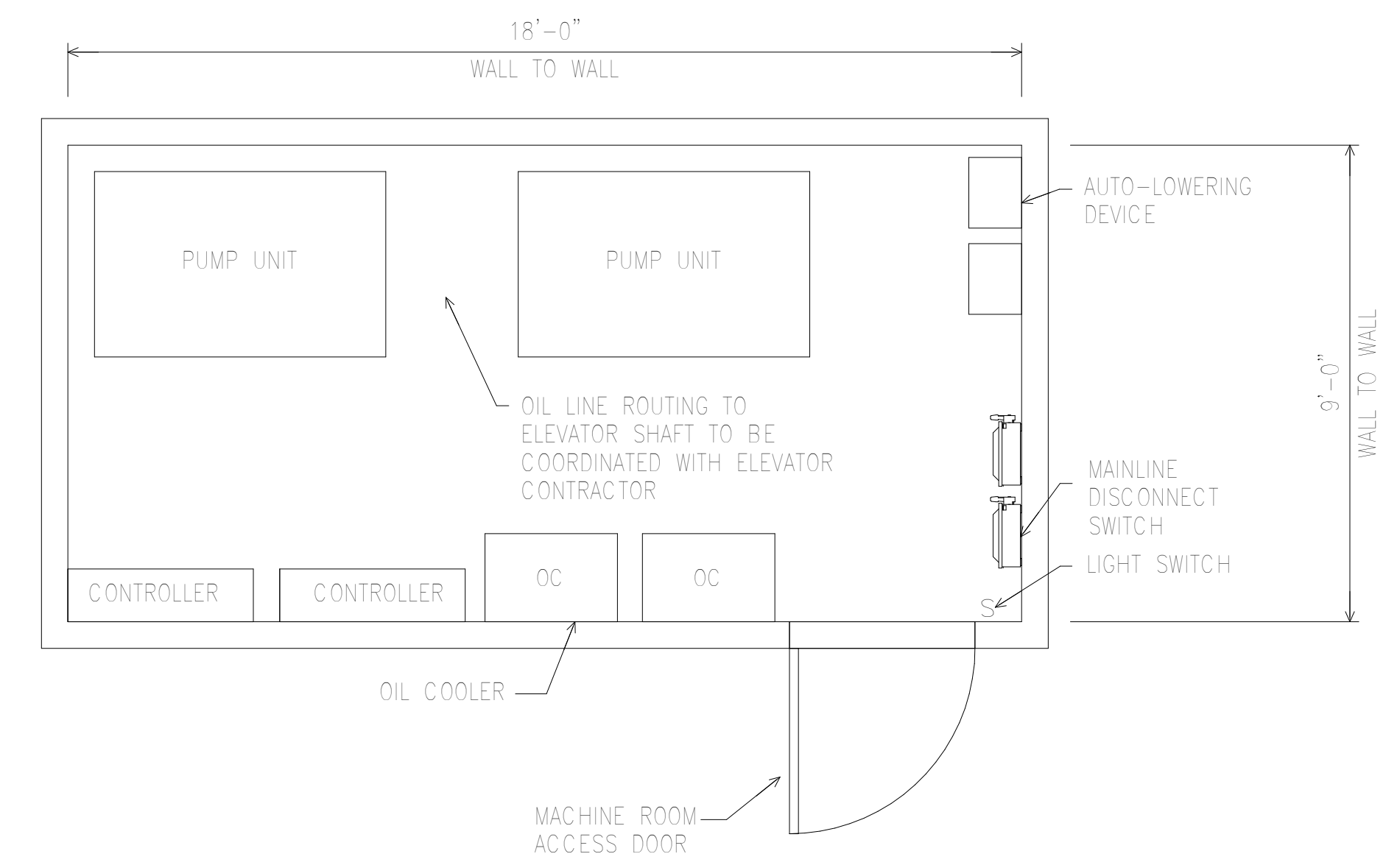
SEISMIC		S2
CLASS LOAD RATING		C3
RAIL WEIGHT/SIZE		18.5
HYDRAULIC CYLINDER		A + 26.5 K
CAR BUFFER REACTION		B + 17.0 K
WEIGHT ONE STACK CAR RAIL		1000 #
		F _{CAR} + 33.0 K
RAIL LOADS PER RAIL	NORMAL FORCES	R1 800 #
		R2 1300 #
SEISMIC FORCES	R1	** 1500 #
	R2	** 800 #
MAX VERT SPAN GUIDE RAIL SUPPORT		10'-4"

* LOADS SHOWN DO NOT ACT SIMULTANEOUSLY
 ** CAR AND CWT RAILS
 Rail support points shall have a max deflection of 1/8" when acted upon by forces R1 and R2
 1/4" when acted upon by seismic forces R1 and R2

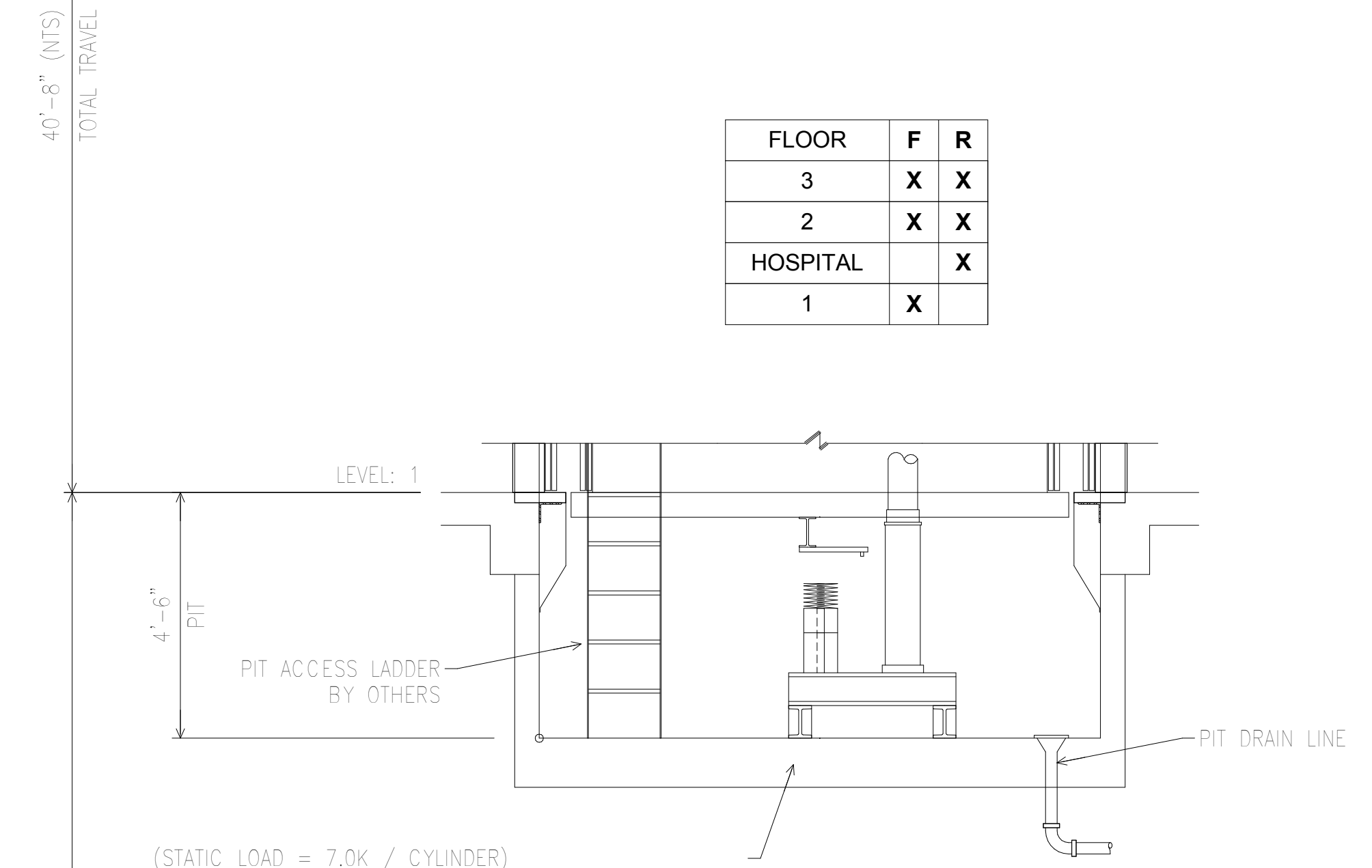


PROVIDE AN INTERMEDIATE GUIDE RAIL SUPPORT WHERE THE VERTICAL DISTANCE BETWEEN SUPPORT POINTS INCLUDING OVER RUN AND PIT DEPTH EXCEEDS DISTANCE SPECIFIED IN LOAD CHART

FLOOR	F	R
3	X	X
2	X	X
HOSPITAL		X
1	X	



PUMP / CONTROL ROOM
REMOTE OR ADJACENT



(STATIC LOAD = 7.0K / CYLINDER)
FOR THE PROTECTION OF SPACES BELOW HOISTWAY THE CODE MANDATES THE CYLINDER SHALL BE SUPPORTED BY A STRUCTURE OF SUFFICIENT STRENGTH TO SUPPORT THE ENTIRE STATIC LOAD AT RATED CAPACITY THAT MAY BE IMPOSED UPON IT. THE DESIGN FACTOR OF SAFETY SHALL NOT BE LESS THAN FIVE BASED ON ULTIMATE STRENGTH FOR STATIC LOADS TRANSMITTED.

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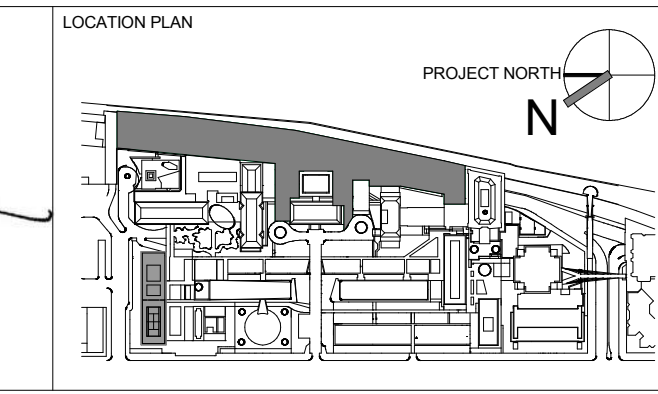
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 T. 212.201.5790

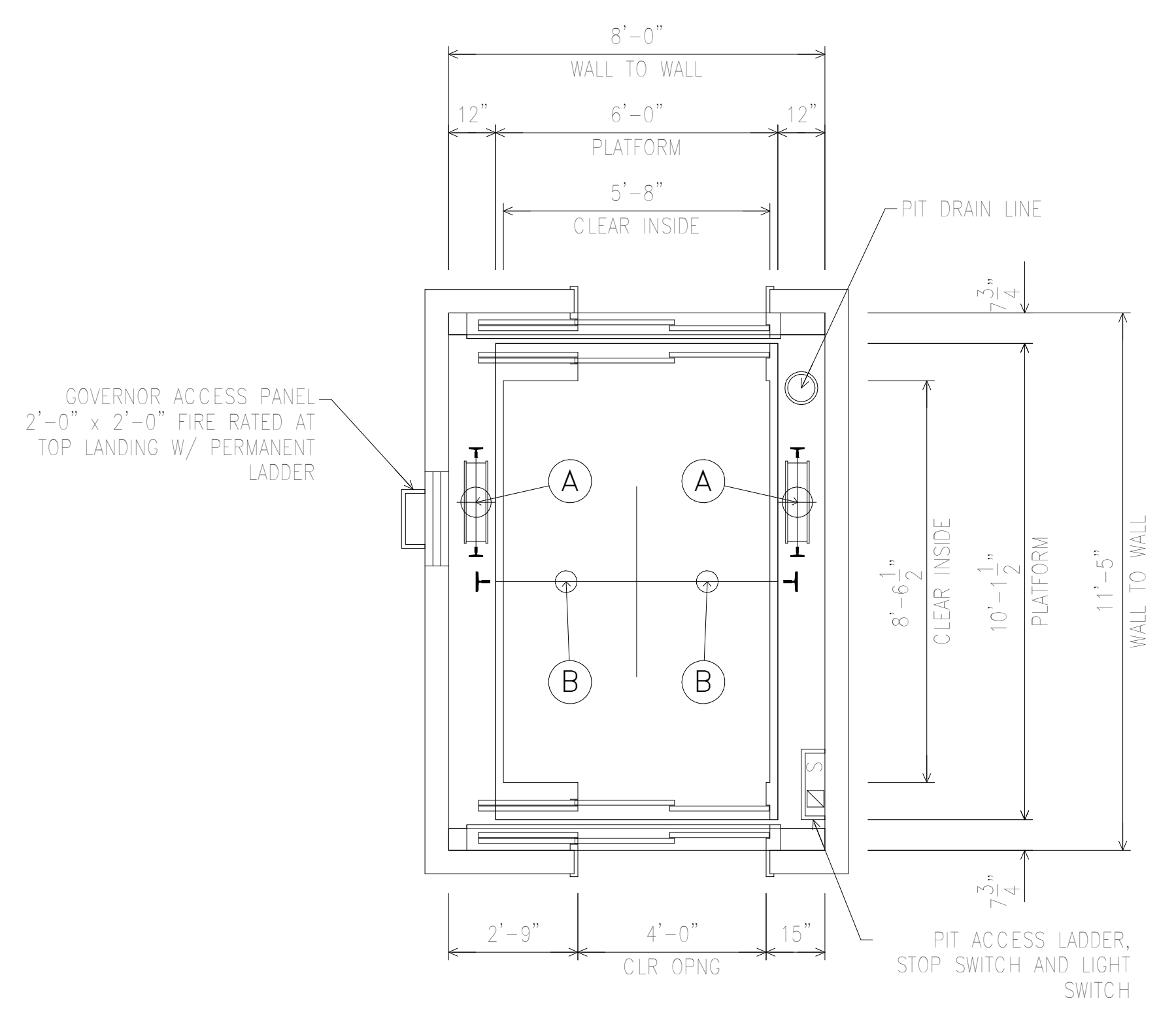
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 SHOUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
1	ELEVATOR PACKAGE	30-JAN-15	664.100	HATCH AND PUMP ROOM PLAN SECTION ELEVATOR C1 & C2
2	DESIGN DEVELOPMENT	27-FEB-15	DRAWING SIZE 24" x 36"	
3	PROGRESS SET	30-OCT-15	DRAWING SCALE 3/8" = 1'-0"	
4	DOB SUBMISSION -RB	16-DEC-15	PROJECT PHASE CONSTRUCTION DOCUMENTS	

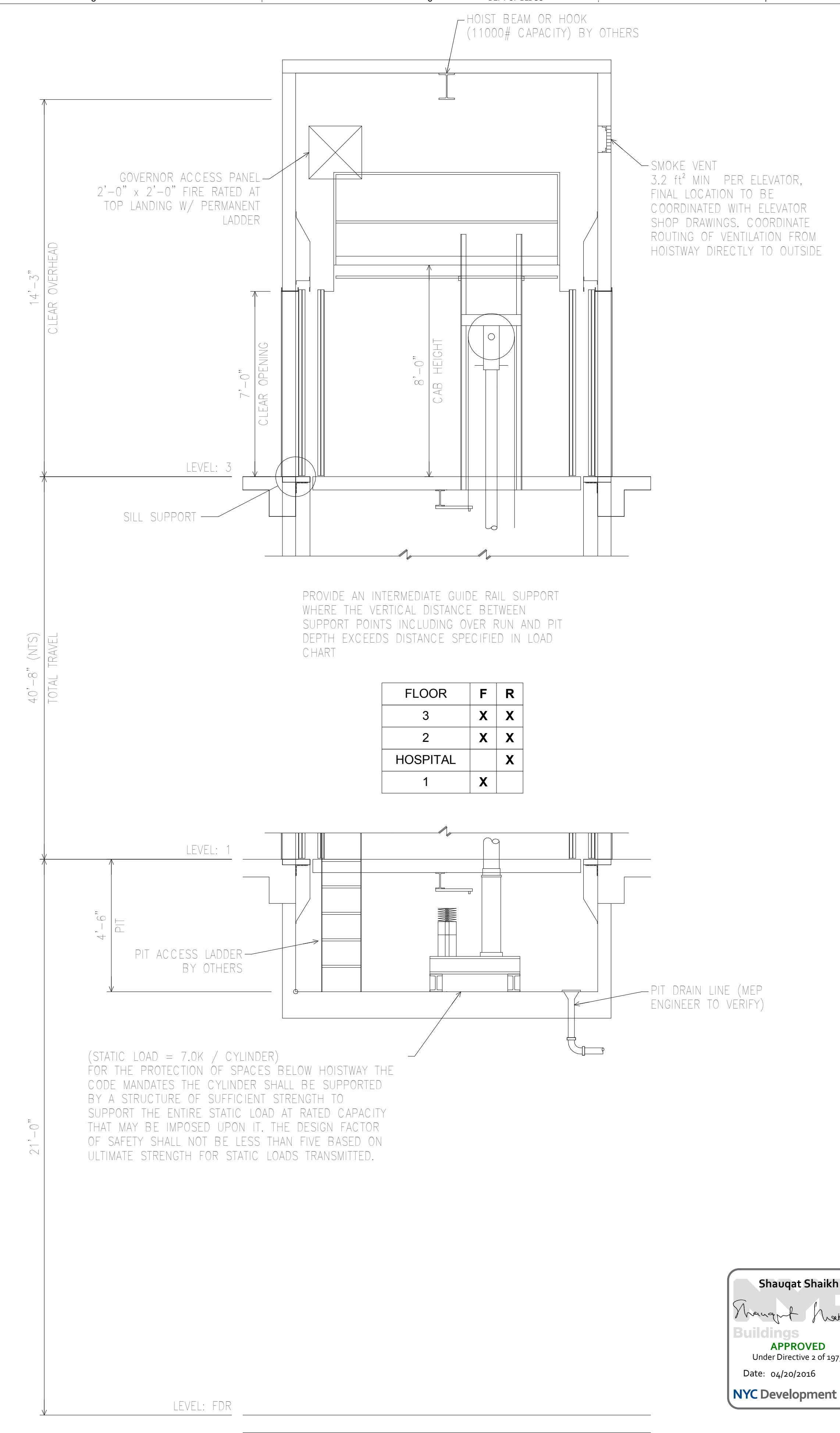
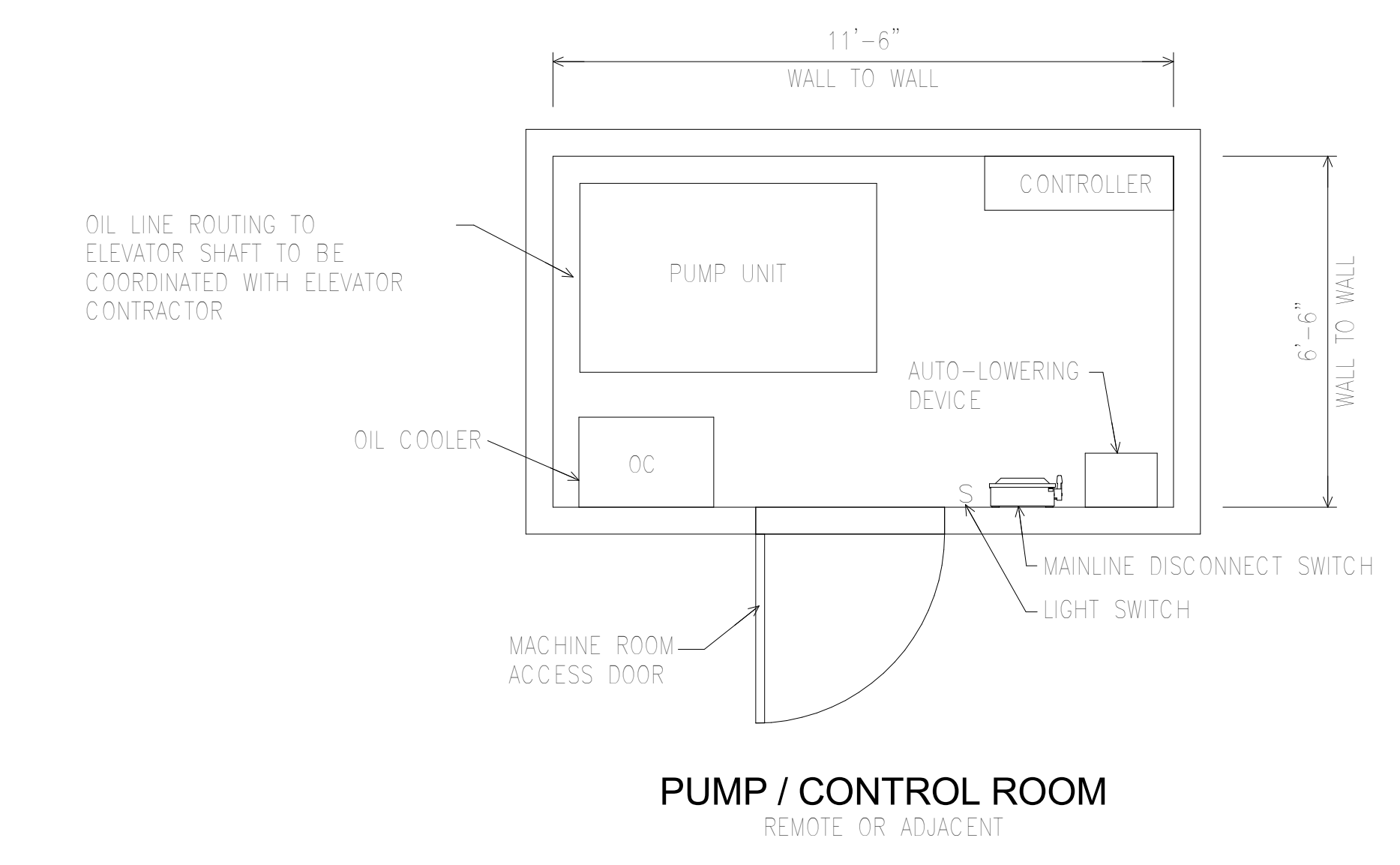
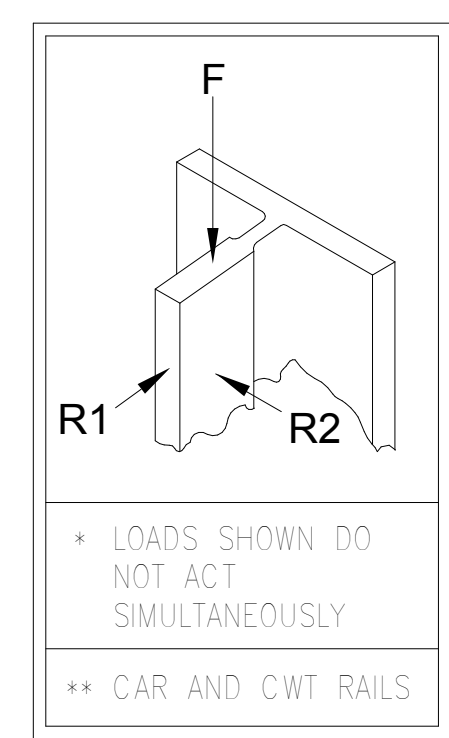
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PIT AND RAIL LOADS

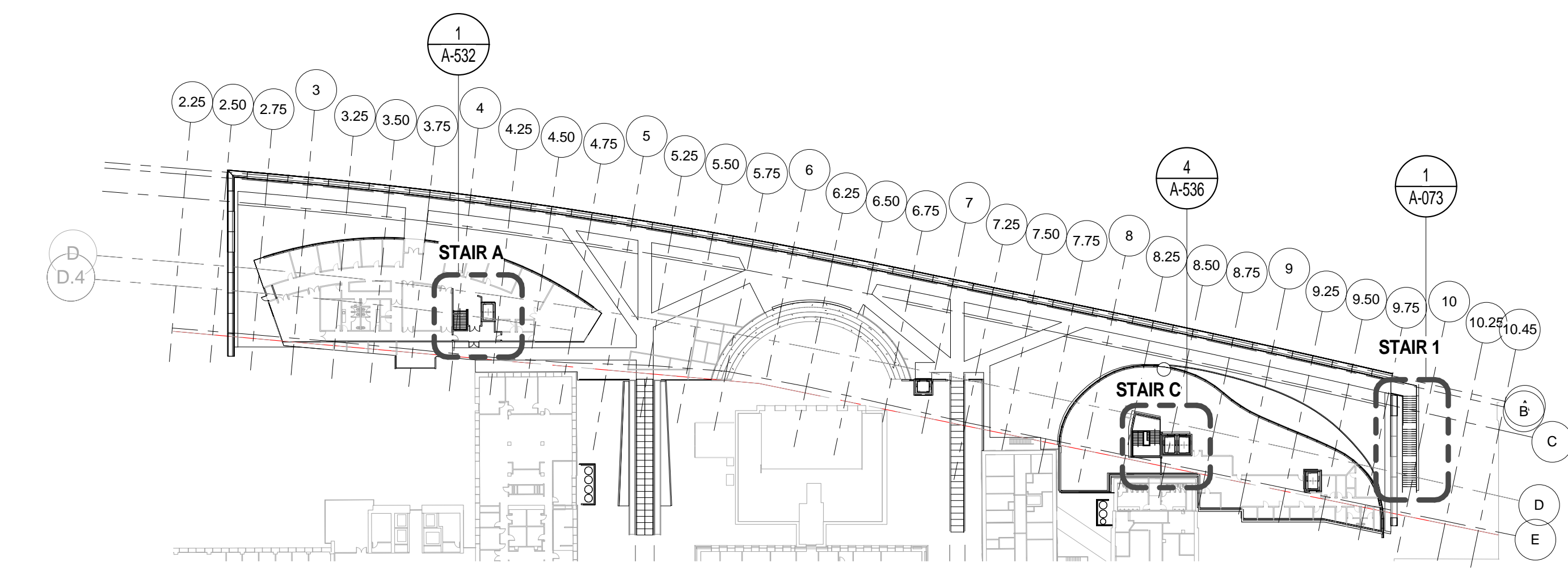
SEISMIC		S2
CLASS LOAD RATING		C3
RAIL WEIGHT/SIZE		18.5
HYDRAULIC CYLINDER	A	* 26.5 K
CAR BUFFER REACTION	B	* 17.0 K
WEIGHT ONE STACK CAR RAIL		1000 #
	F _{CAR}	* 33.0 K
RAIL LOADS PER RAIL	NORMAL FORCES R1	800 #
	R2	1300 #
	SEISMIC FORCES R1	** 1500 #
	R2	** 800 #
MAX VERT SPAN GUIDE RAIL SUPPORT		10'-4"

RAIL support points shall have a max deflection of 1/8" when acted upon by forces R1 and R2
1/4" when acted upon by seismic forces R1 and R2

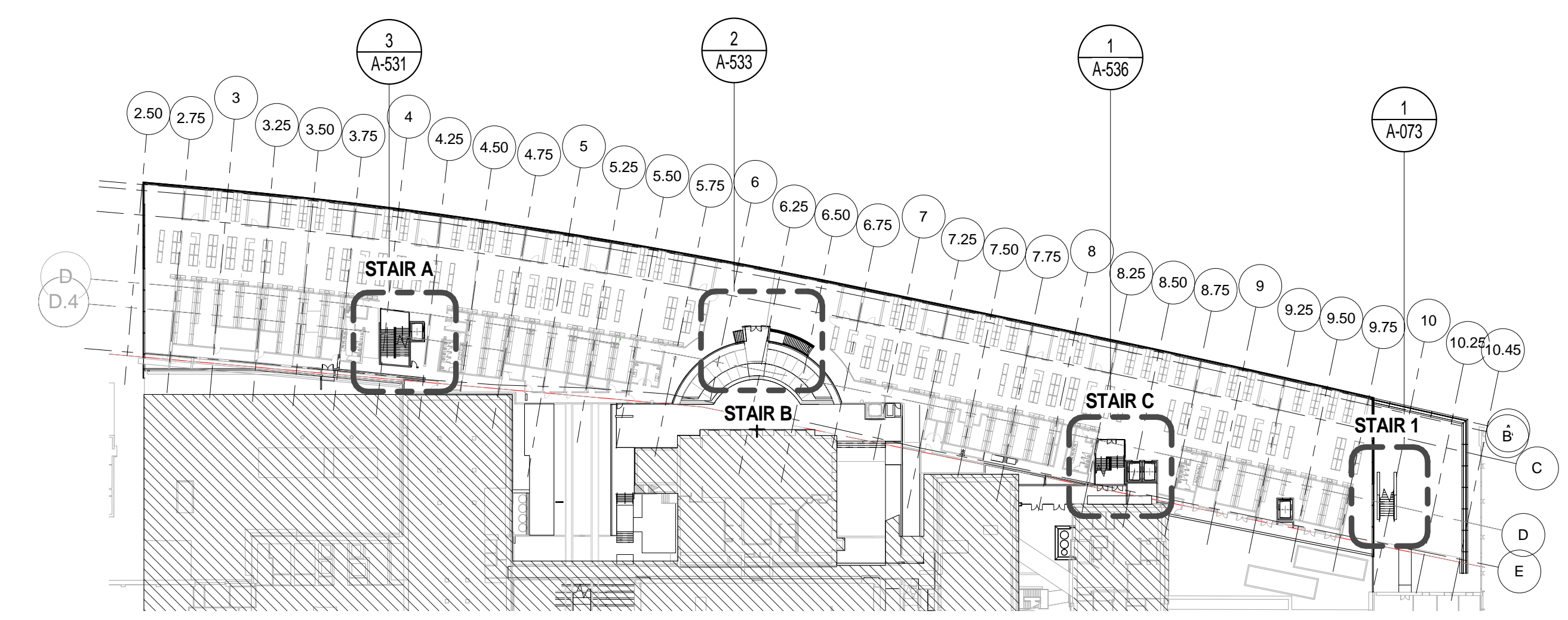


Shauqat Shaikh
Shauqat Shaikh
Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
NYC Development Hub

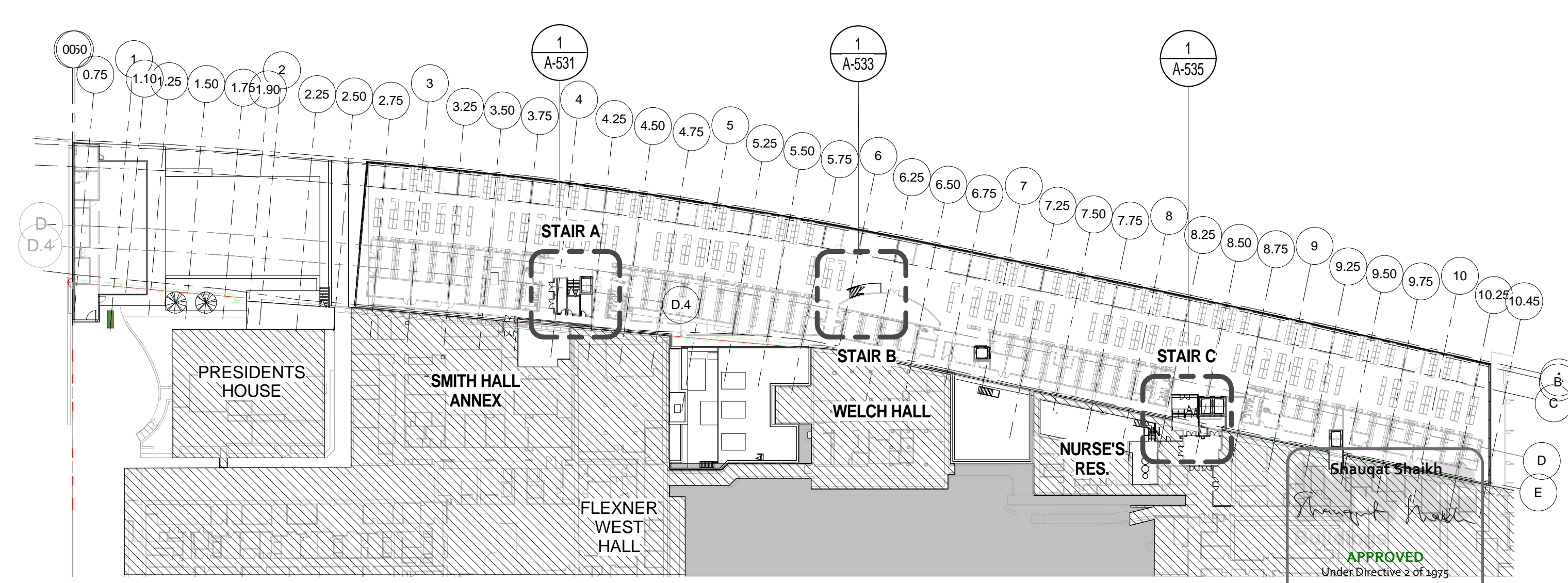
<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.		LOCATION PLAN 	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>ARCHITECTS PROJECT NUMBER</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ELEVATOR PACKAGE</td> <td>30-JAN-15</td> <td>664.100</td> </tr> <tr> <td>2</td> <td>DESIGN DEVELOPMENT</td> <td>27-FEB-15</td> <td></td> </tr> <tr> <td>3</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> <td></td> </tr> <tr> <td>4</td> <td>DOB SUBMISSION -RB</td> <td>16-DEC-15</td> <td></td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	1	ELEVATOR PACKAGE	30-JAN-15	664.100	2	DESIGN DEVELOPMENT	27-FEB-15		3	PROGRESS SET	30-OCT-15		4	DOB SUBMISSION -RB	16-DEC-15		DRAWING TITLE HATCH AND PUMP ROOM PLAN SECTION ELEVATOR D1	DRAWING NUMBER A-529.00	DRAWING SIZE 24" x 36"	DRAWING SCALE 3/8" = 1'-0"	PROJECT PHASE CONSTRUCTION DOCUMENTS	DRAWING NUMBER A-529.00	DOB REV Sheet 234 of 315
	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER																														
1	ELEVATOR PACKAGE	30-JAN-15	664.100																															
2	DESIGN DEVELOPMENT	27-FEB-15																																
3	PROGRESS SET	30-OCT-15																																
4	DOB SUBMISSION -RB	16-DEC-15																																
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METAL STAIR LOCATION PLAN - LEVEL 3
SCALE: 1/64" = 1'-0" **3**



METAL STAIR LOCATION PLAN - LEVEL 2
SCALE: 1/64" = 1'-0" **2**



METAL STAIR LOCATION PLAN - LEVEL 1
SCALE: 1/64" = 1'-0" **1**

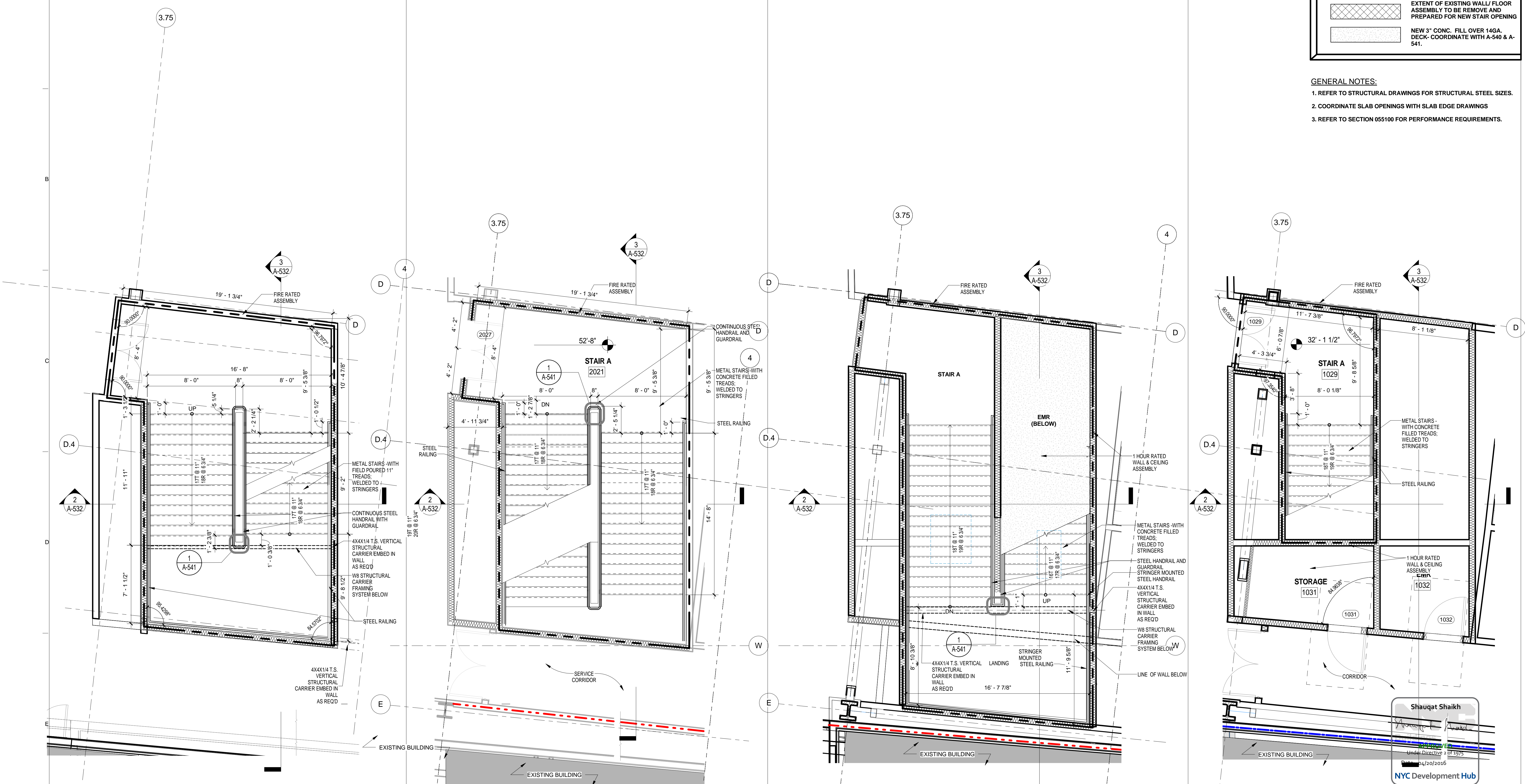
<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>METAL STAIR PACKAGE</td> <td>14-SEPT-15</td> </tr> <tr> <td>2</td> <td>DOB SUBMISSION - RB</td> <td>01-OCT-15</td> </tr> <tr> <td>3</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> </tr> <tr> <td>4</td> <td>DOB SUBMISSION - RB</td> <td>17-DEC-15</td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	1	METAL STAIR PACKAGE	14-SEPT-15	2	DOB SUBMISSION - RB	01-OCT-15	3	PROGRESS SET	30-OCT-15	4	DOB SUBMISSION - RB	17-DEC-15	<p>ARCHITECTS PROJECT NUMBER 664.100</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE 1/64" = 1'-0"</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING TITLE METAL STAIR LOCATION PLAN</p> <p>DRAWING NUMBER A-530.00</p> <p>Sheet 235 of 315</p> <p>DATE: 04/30/2016 APPROVED Under Directive 2 of 1975 NYC Development Hub</p>
	REV	DESCRIPTION	DATE																					
1	METAL STAIR PACKAGE	14-SEPT-15																						
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<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 158 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>																					

LEGEND

- 1 HOUR FIRE RESISTANT RATING
- 1.5 HOUR FIRE RESISTANT RATING
- 2 HOUR FIRE RESISTANT RATING
- EXISTING BUILDING TO REMAIN
- EXTENT OF EXISTING WALL/FLOOR ASSEMBLY TO BE REMOVE AND PREPARED FOR NEW STAIR OPENING
- NEW 3" CONC. FILL OVER 14GA. DECK- COORDINATE WITH A-540 & A-541.

GENERAL NOTES:

- REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL STEEL SIZES.
- COORDINATE SLAB OPENINGS WITH SLAB EDGE DRAWINGS
- REFER TO SECTION 055100 FOR PERFORMANCE REQUIREMENTS.



Shauqat Shaikh
 6/20/2016
 NYC Development Hub

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 1228 YORK AVENUE, NEW YORK NY 10065

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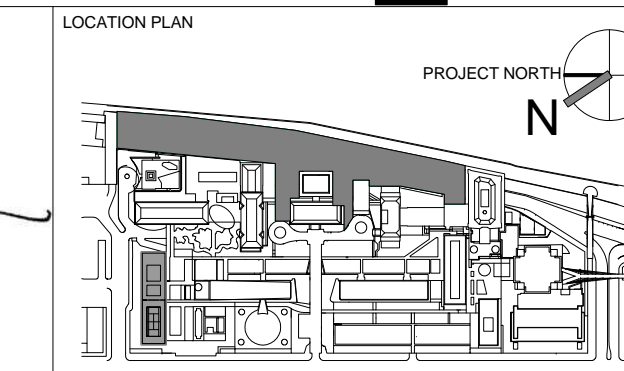
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 BARD, RAO + ATHANAS
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REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
E	DOB SUBMISSION	31-JULY-15
1	E&F ADDENDUM 1	31-JULY-15
2	METAL STAIR PACKAGE	14-SEPT-15
3	DOB SUBMISSION	01-OCT-15
4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING TITLE
 PLANS AND SECTIONS STAIR A

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1/4" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

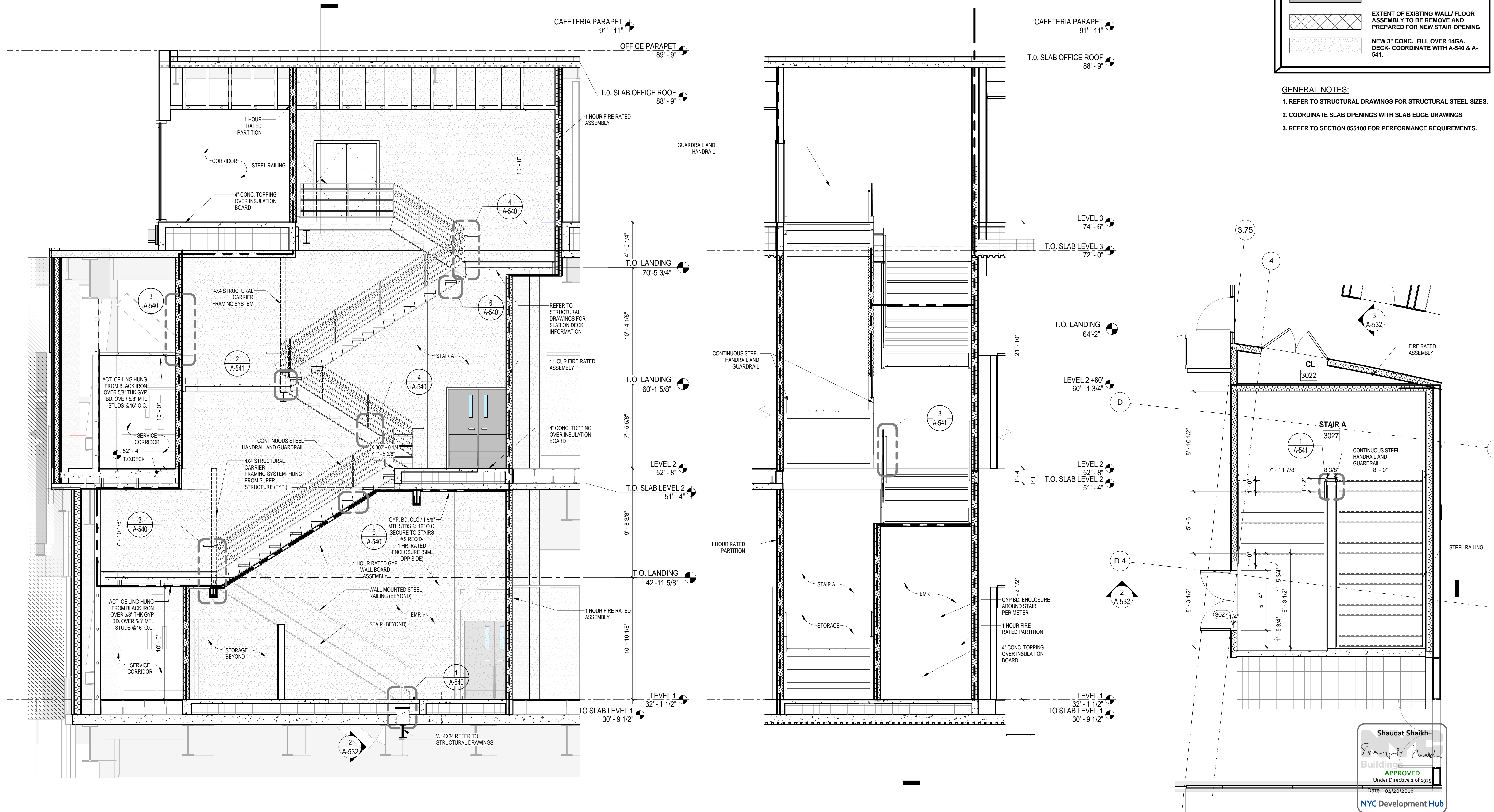
A-531.00
 Sheet 236 of 315

LEGEND

- 1 HOUR FIRE RESISTANT RATING
- 1.5 HOUR FIRE RESISTANT RATING
- 2 HOUR FIRE RESISTANT RATING
- EXISTING BUILDING TO REMAIN
- EXTENT OF EXISTING WALL/FLOOR ASSEMBLY TO BE REMOVE AND PREPARED FOR NEW STAIR OPENING
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GENERAL NOTES:

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- COORDINATE SLAB OPENINGS WITH SLAB EDGE DRAWINGS
- REFER TO SECTION 055100 FOR PERFORMANCE REQUIREMENTS.



STAIR "A" SECTION 3
SCALE: 1/4" = 1'-0"

STAIR "A" SIDE SECTION 2
SCALE: 1/4" = 1'-0"

LEVEL 3 - ENLARGED PLAN STAIR "A"
SCALE: 1/4" = 1'-0"

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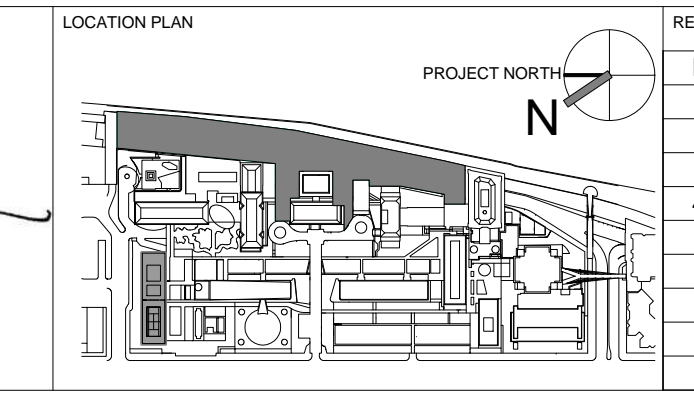
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INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
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ARCHITECT / ENGINEER SEAL

REGISTERED ARCHITECT
NICHOLAS BAMBINO
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	METAL STAIR PACKAGE	14-SEP-15
2	DOB SUBMISSION	01-OCT-15
3	PROGRESS SET	30-OCT-15
4	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING TITLE
SECTIONS STAIR A

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/4" = 1'-0"

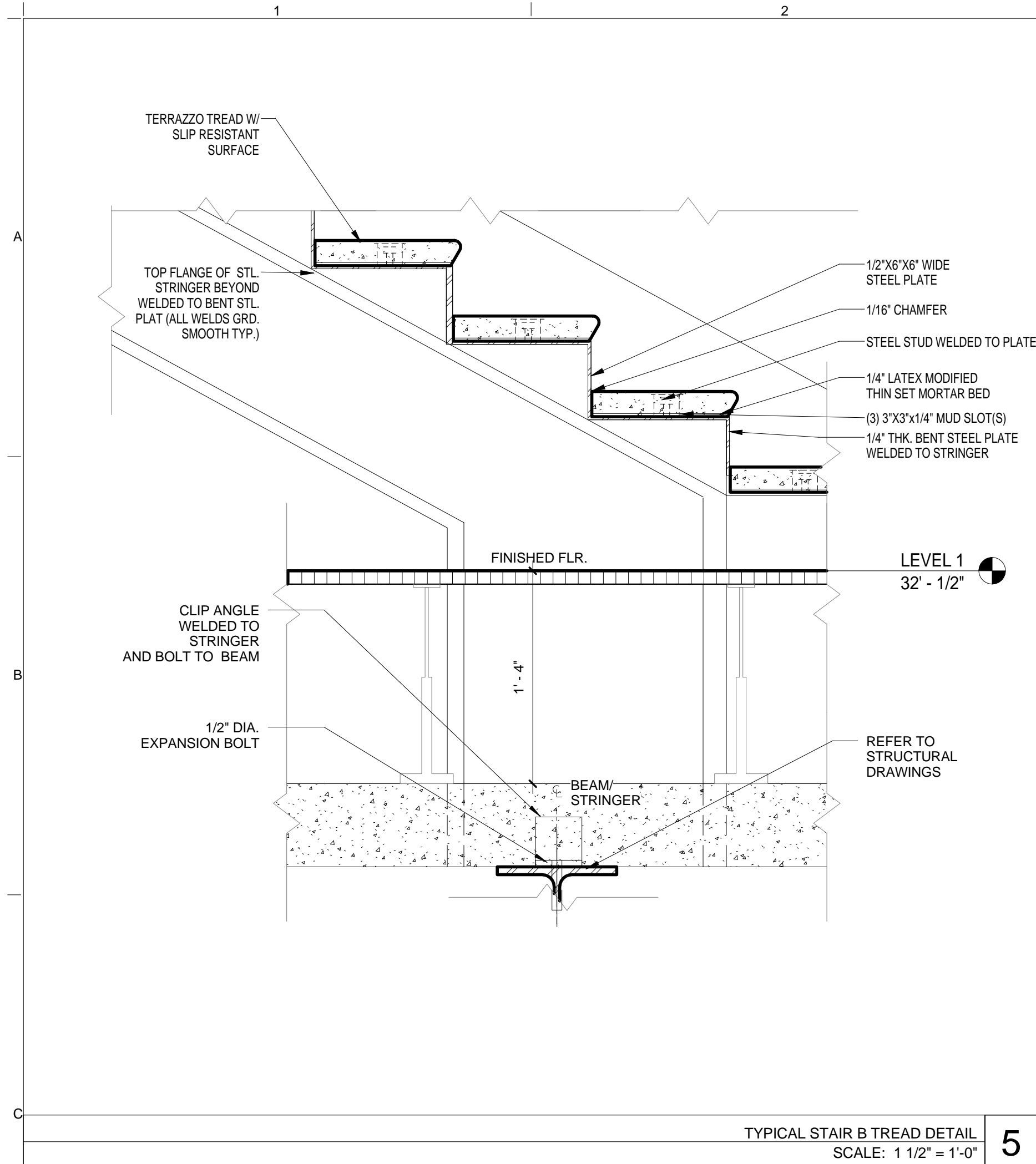
PROJECT PHASE
CONSTRUCTION DOCUMENTS

Shauqat Shaikh
APPROVED
Under Directive 2 of 2015
Date: 04/30/2016
NYC Development Hub

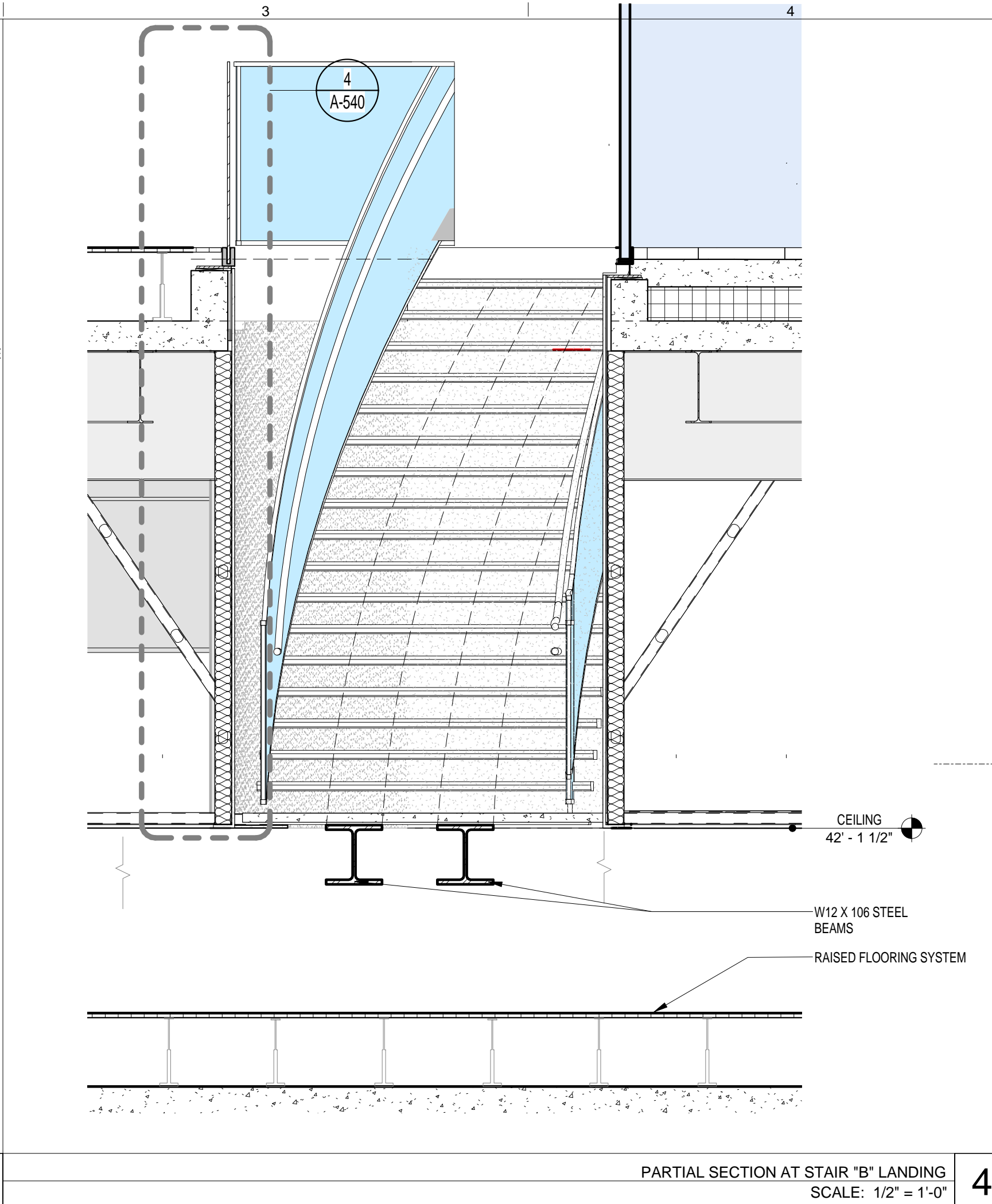
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A-532.00

SHEET
237 of 315

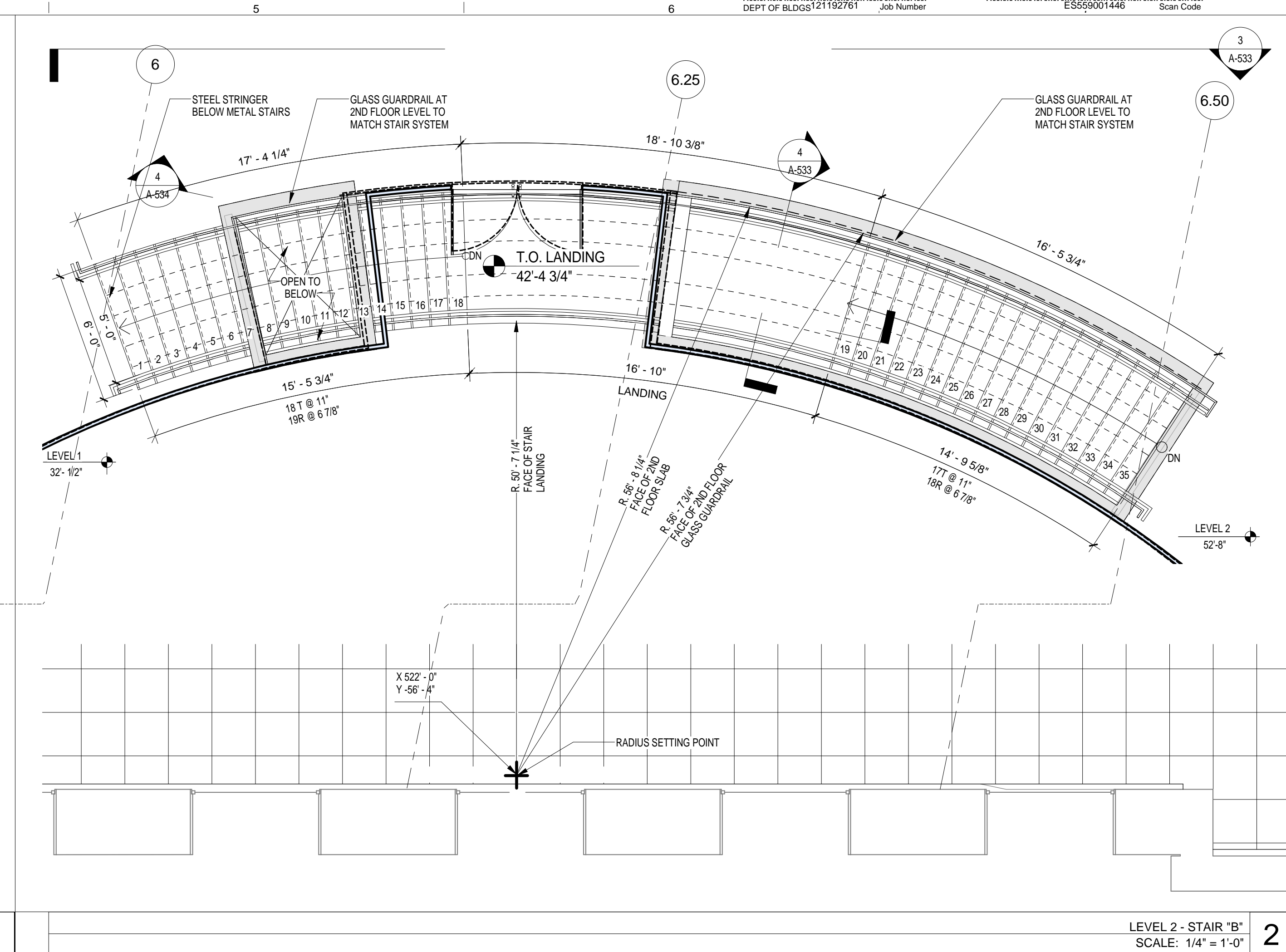
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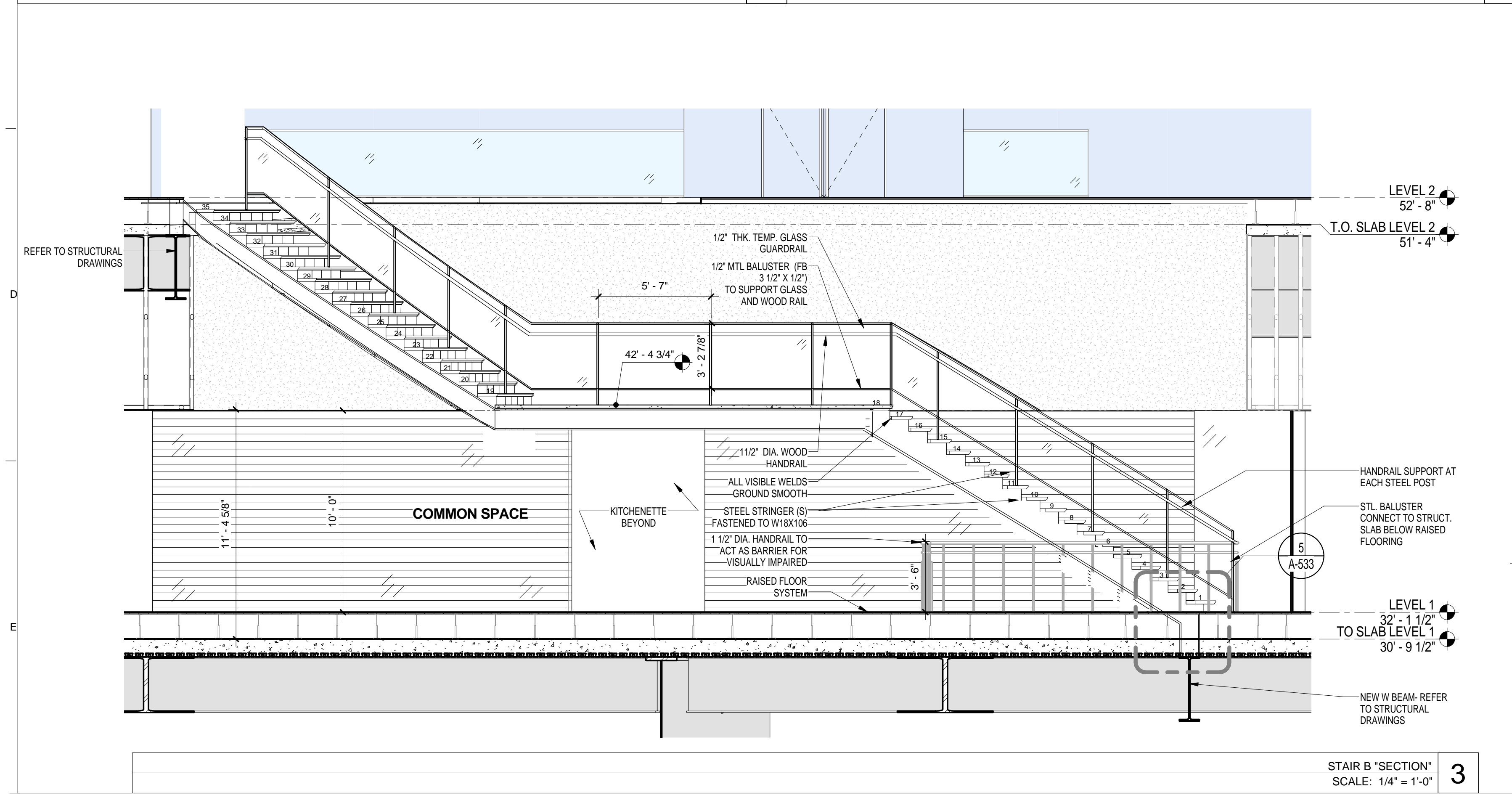
TYPICAL STAIR B TREAD DETAIL
SCALE: 1 1/2" = 1'-0"



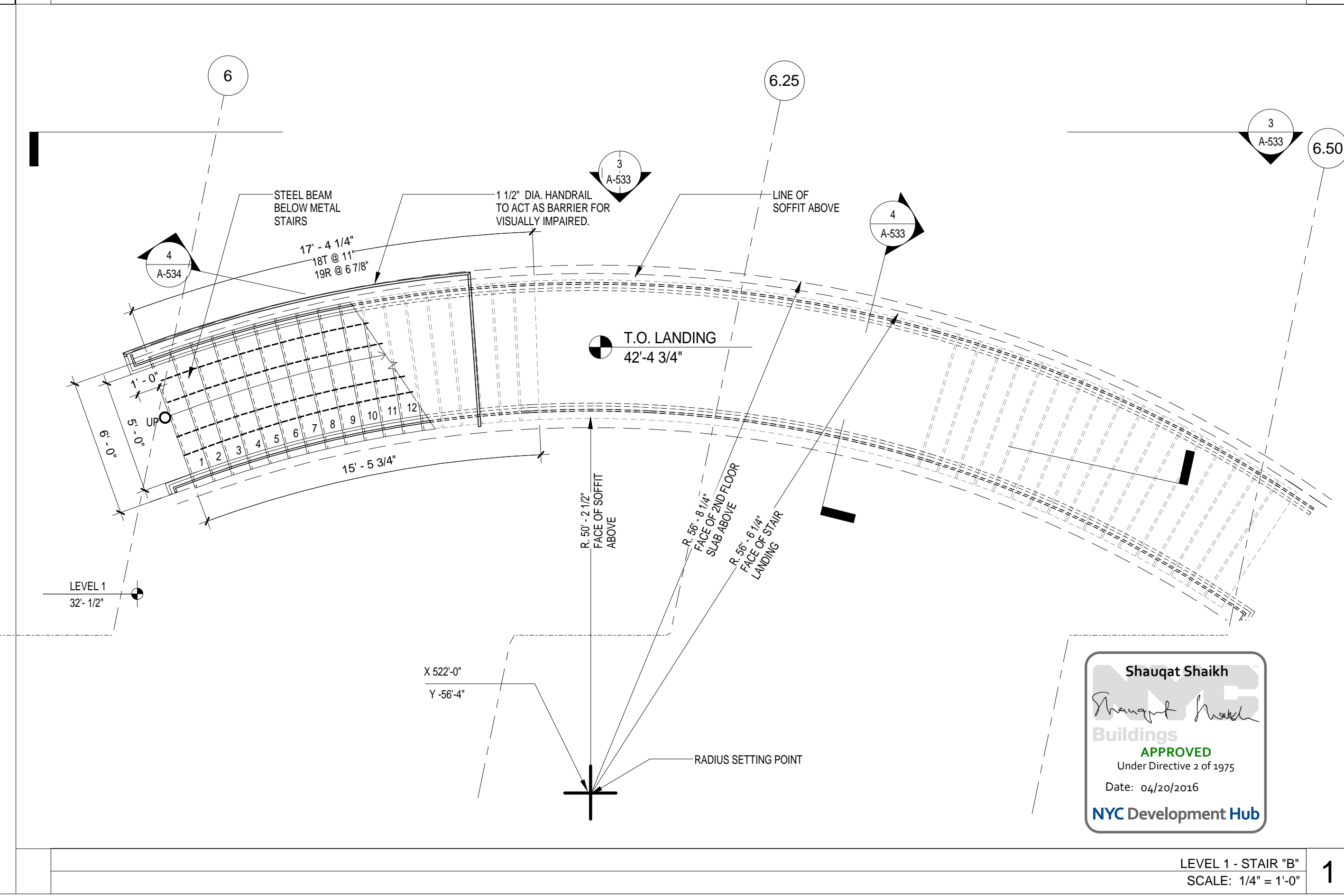
PARTIAL SECTION AT STAIR 'B' LANDING
SCALE: 1/2" = 1'-0"



LEVEL 2 - STAIR 'B'
SCALE: 1/4" = 1'-0"



STAIR 'B' SECTION
SCALE: 1/4" = 1'-0"



LEVEL 1 - STAIR 'B'
SCALE: 1/4" = 1'-0"

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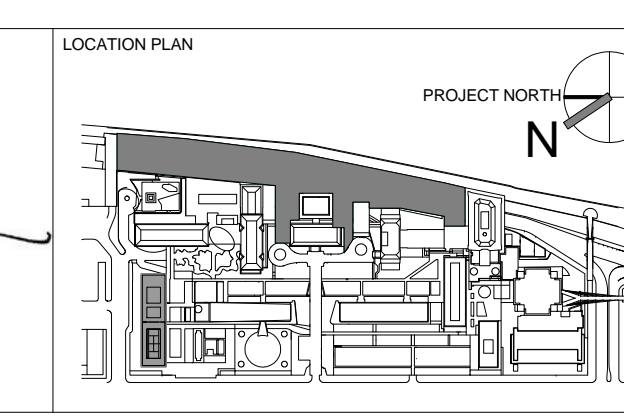
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STRUCTURAL ENGINEER
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
E	DOB SUBMISSION	31-JULY-15	
1	E&F ADDENDUM 1	31-JULY-15	
2	METAL STAIR PACKAGE	14-SEPT-15	
3	PROGRESS SET	30-OCT-15	
4	DOB SUBMISSION - RB	16-DEC-15	

PLANS AND SECTIONS STAIR B

DRAWING NUMBER: **A-533.00**

DRAWING SCALE: As indicated

PROJECT PHASE: CONSTRUCTION DOCUMENTS

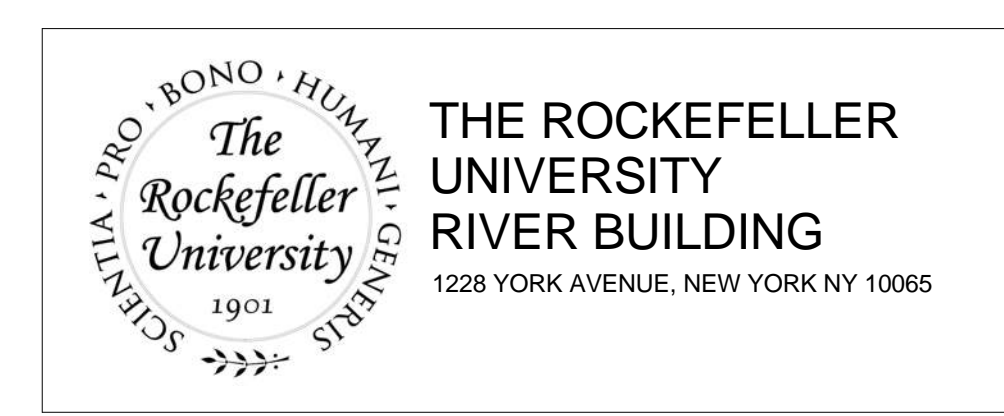
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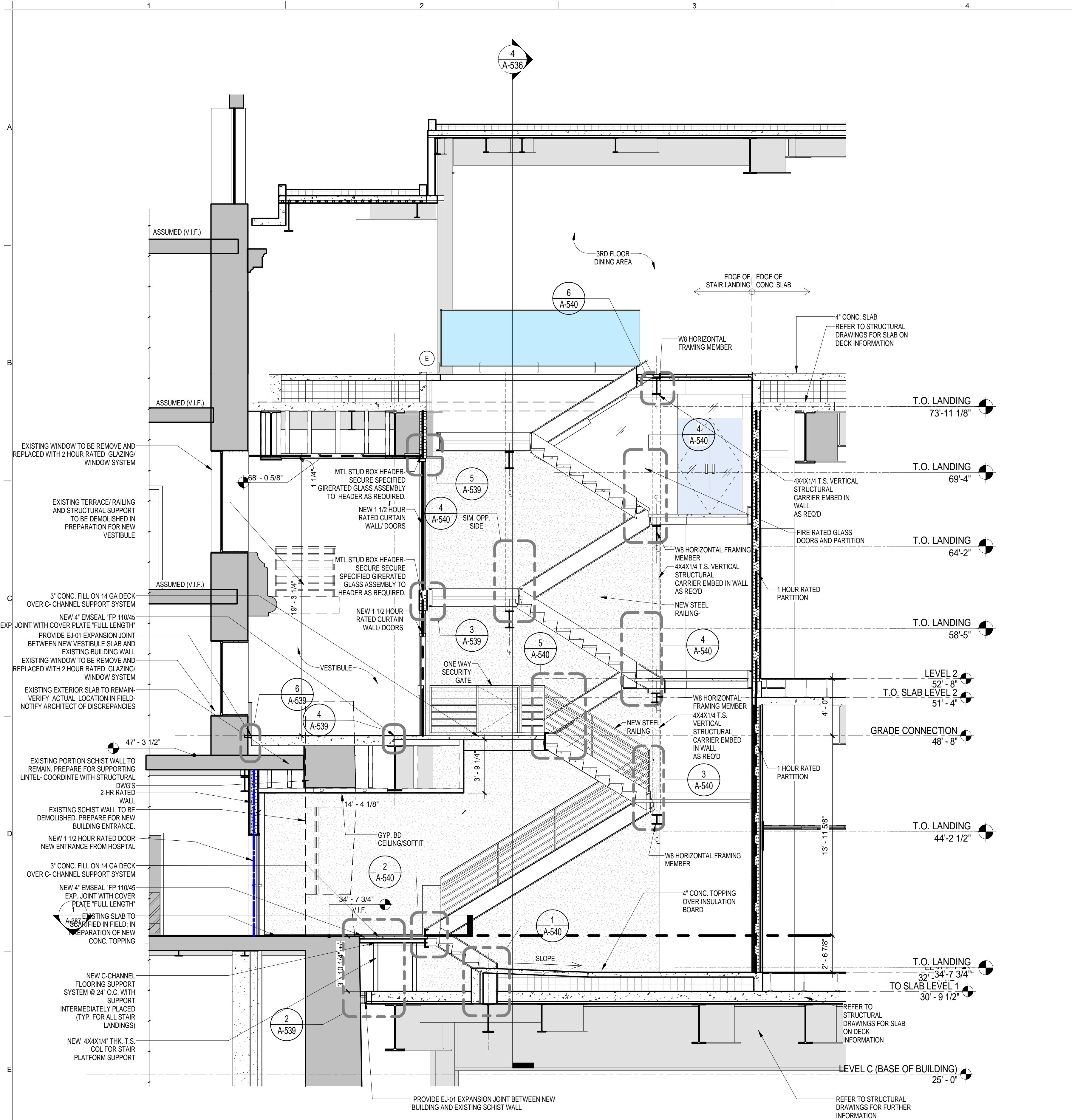
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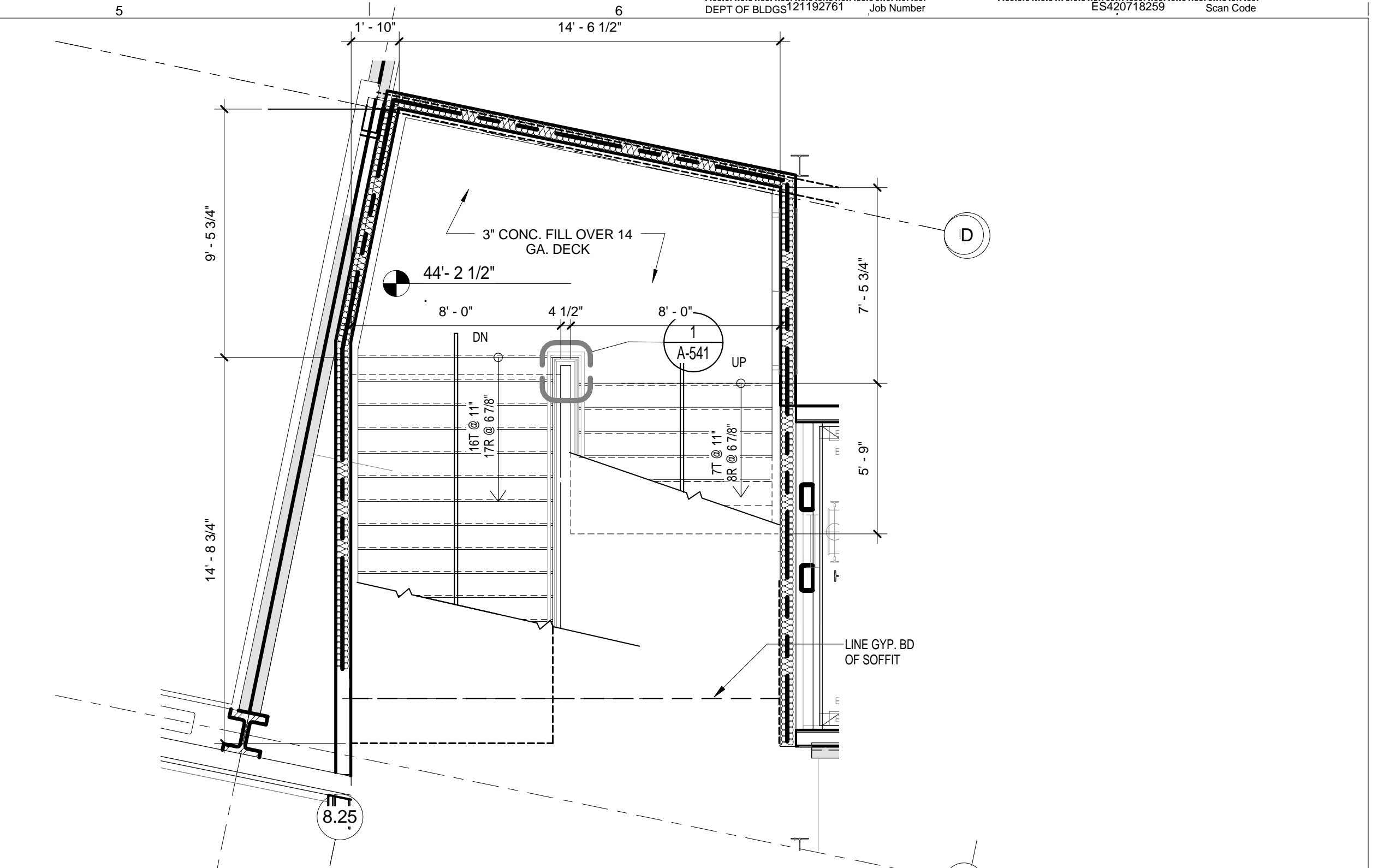
Shauqat Shaikh
Shauqat Shaikh Buildings

NYC Development Hub

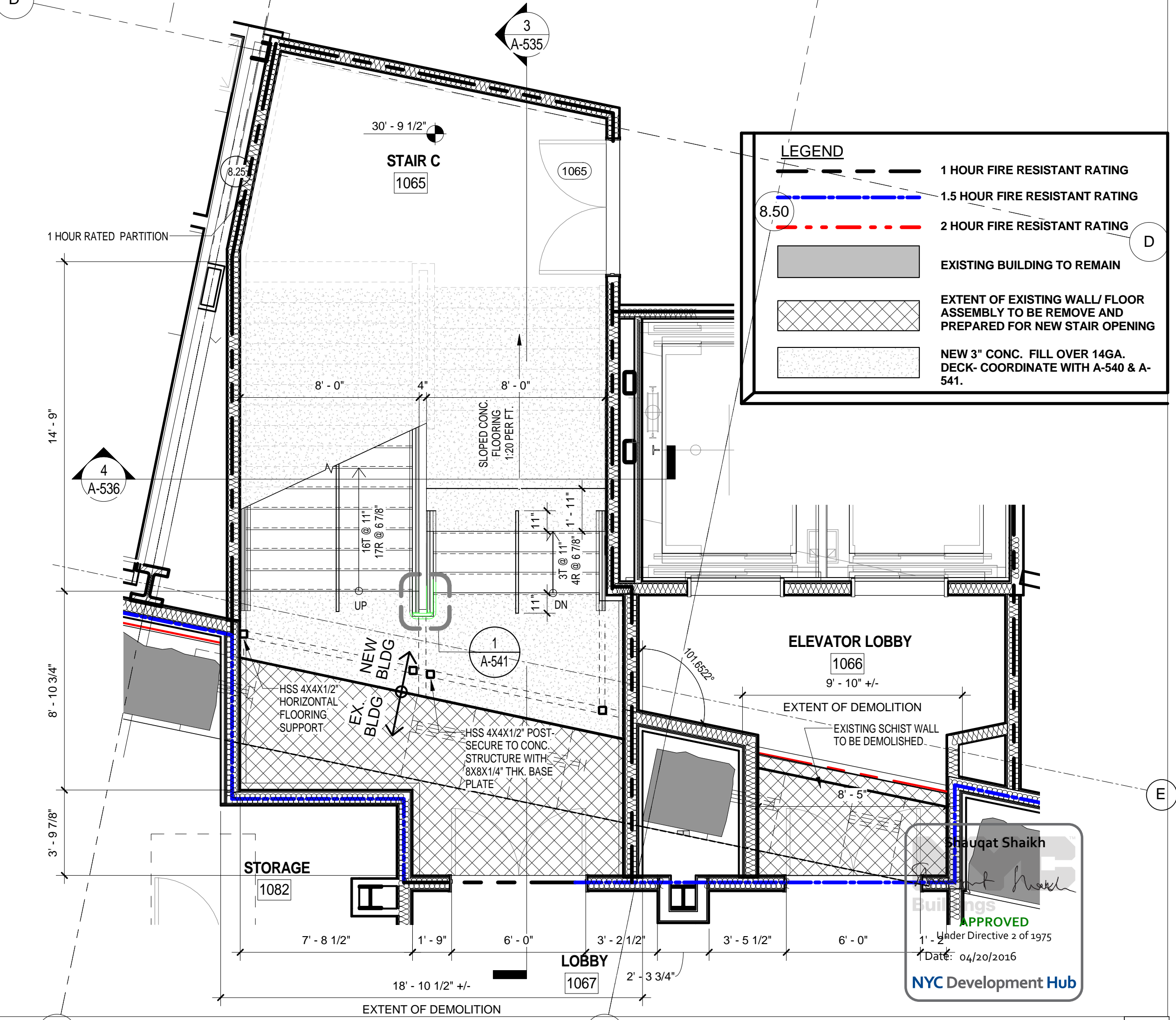




STAIR 'C' SIDE SECTION
SCALE: 1/4" = 1'-0" 3



LEVEL 1 STAIR C BUILDING CONNECTOR @ INTERMEDIATE LANDING
SCALE: 1/4" = 1'-0" 2



LEGEND

- 1 HOUR FIRE RESISTANT RATING
- 1.5 HOUR FIRE RESISTANT RATING
- 2 HOUR FIRE RESISTANT RATING
- EXISTING BUILDING TO REMAIN
- EXTENT OF EXISTING WALL/FLOOR ASSEMBLY TO BE REMOVE AND PREPARED FOR NEW STAIR OPENING
- NEW 3" CONC. FILL OVER 14GA. DECK- COORDINATE WITH A-540 & A-541.

LEVEL 1 STAIR C BUILDING CONNECTOR
SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

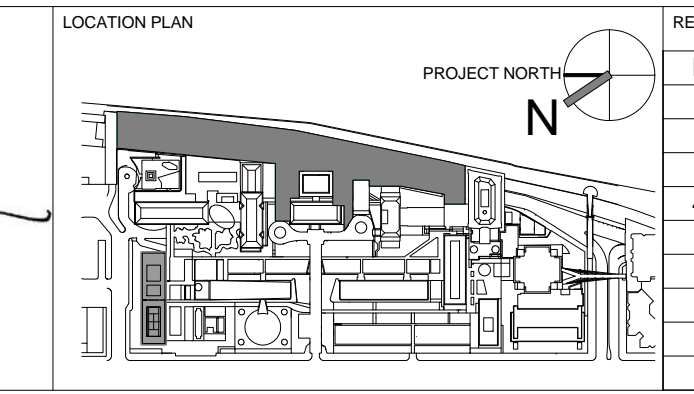
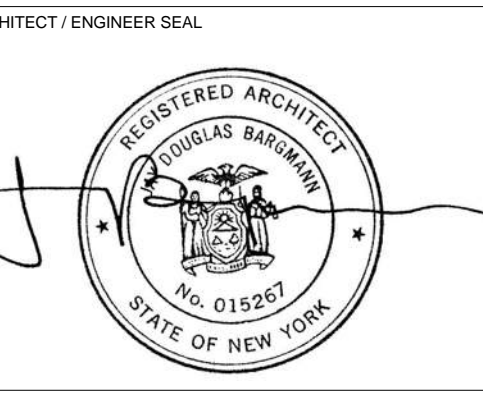
ARCHITECT
RAFAEL VINOLY ARCHITECTS
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INTERIOR LIGHTING DESIGNER
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

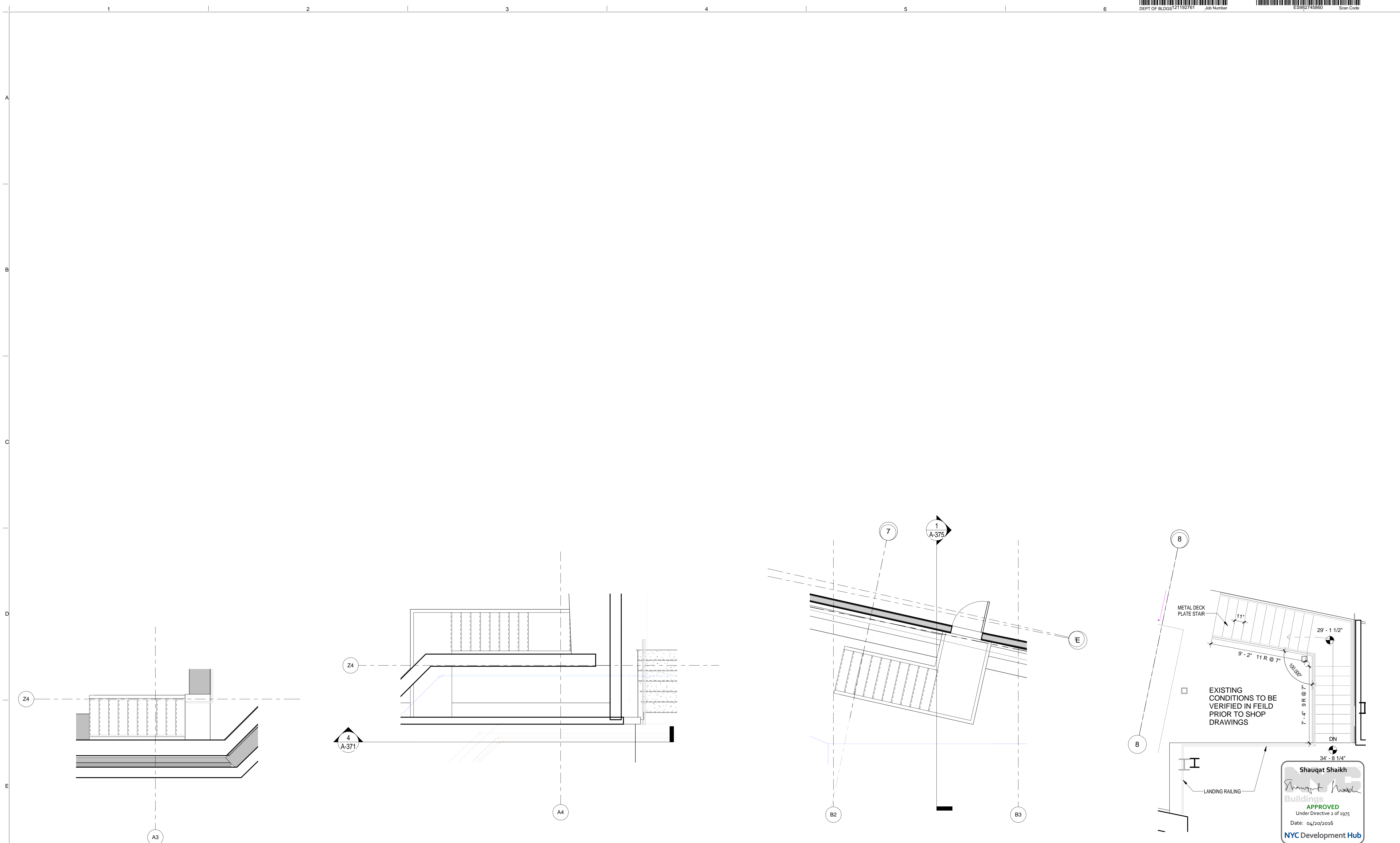


REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	METAL STAIR PACKAGE	14-SEPT-15	
2	DOB SUBMISSION	01-OCT-15	24' x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE 1/4" = 1'-0"
4	DOB SUBMISSION - RB	16-DEC-15	

PLANS AND SECTIONS STAIR C

DRAWING NUMBER: **A-535.00**

Sheet 239 of 315



ENLARGED SMALL STAIR "F" PLAN / MECHANICAL ROOM "A" SCALE: 1/4" = 1'-0" 4

ENLARGED EXIT STAIR "F" PLAN / MECHANICAL ROOM "A" SCALE: 1/4" = 1'-0" 3

ENLARGED STAIR "E" PLAN / MECHANICAL ROOM "B" SCALE: 1/4" = 1'-0" 2

ENLARGED STAIR "D" PLAN / MECHANICAL ROOM "C" SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
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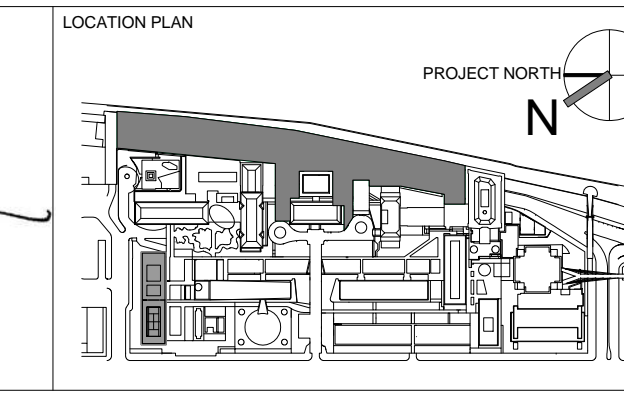
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 NEWARK, NJ 07102
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

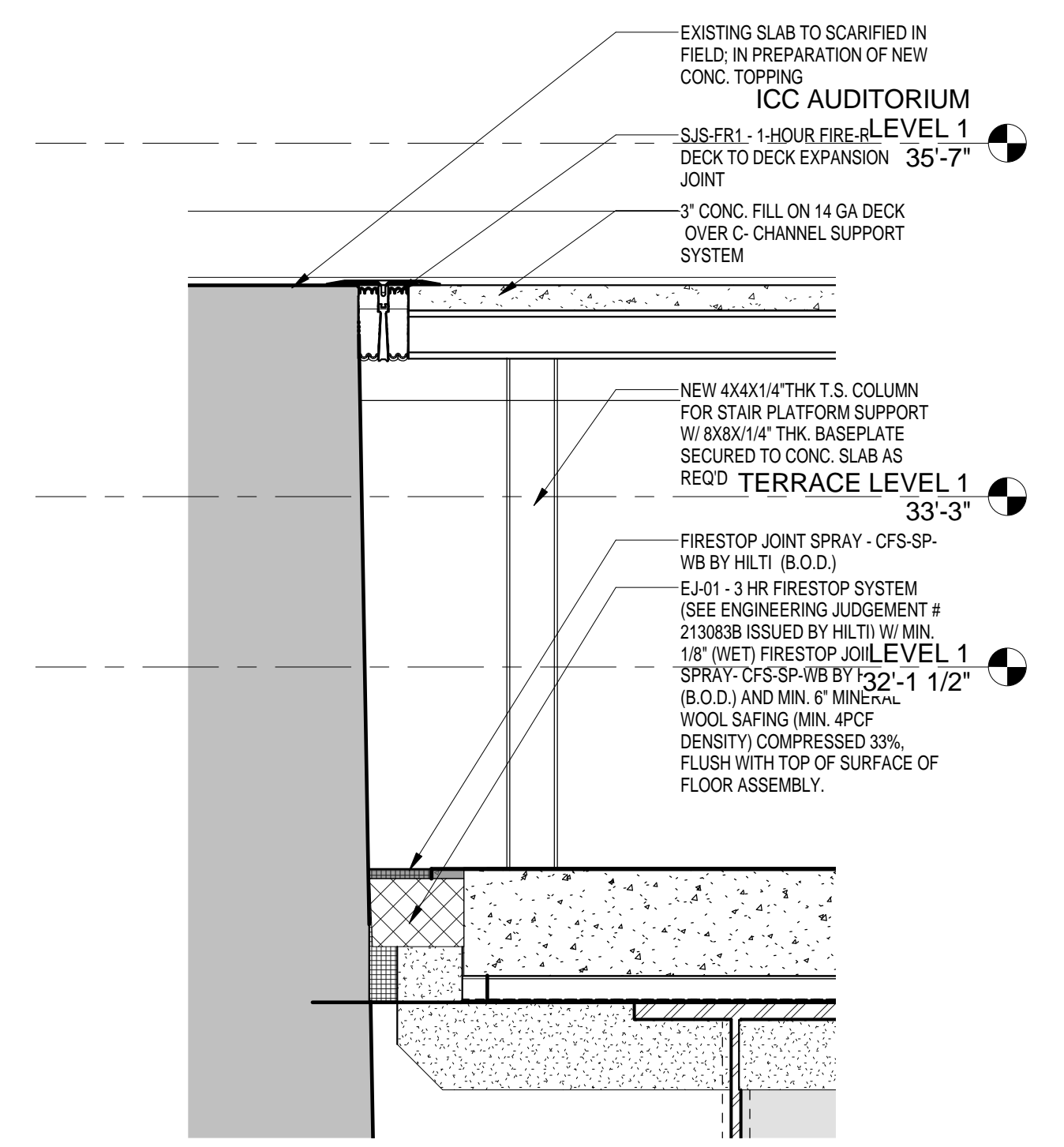
DRAWING SCALE
 1/4" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

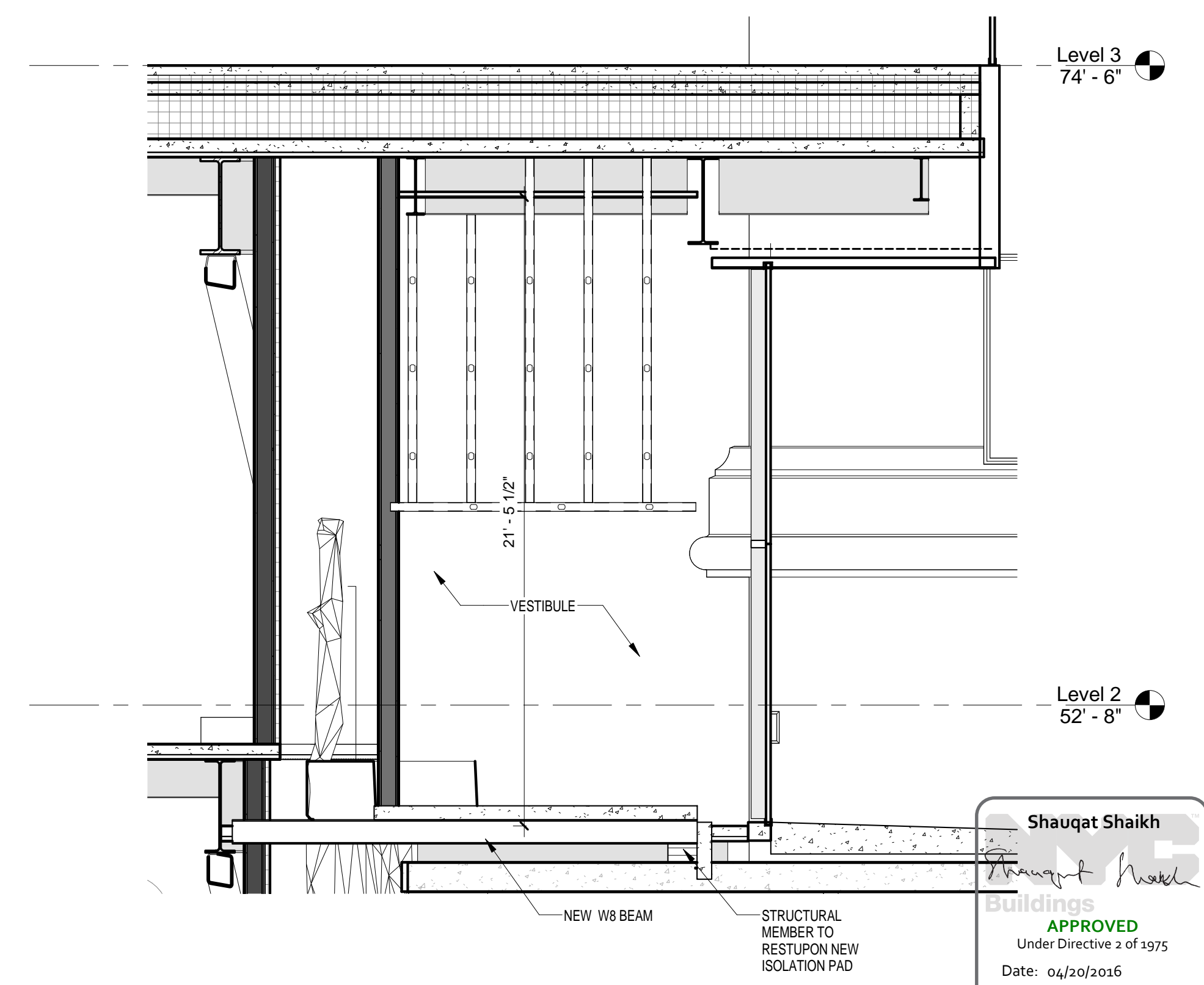
DRAWING TITLE
 ENLARGED MECHANICAL ROOMS STAIR PLAN & DETAILS

DRAWING NUMBER
 A-538.00

Sheet 241 of 315



STAIR "C" SIDE SECTION - Callout 1
SCALE: 1" = 1'-0" 2



WALL SECTION - THRU MECH C - Callout 1
SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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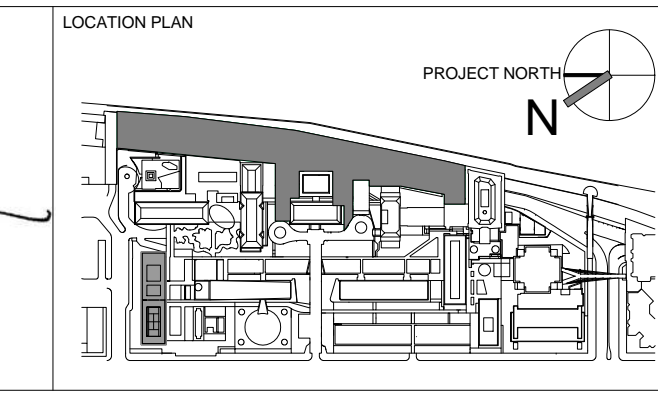
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T. 973.286.6100

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NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
SHAUQAT SHAIKH
REGISTERED ARCHITECT
STATE OF NEW YORK
No. 015267

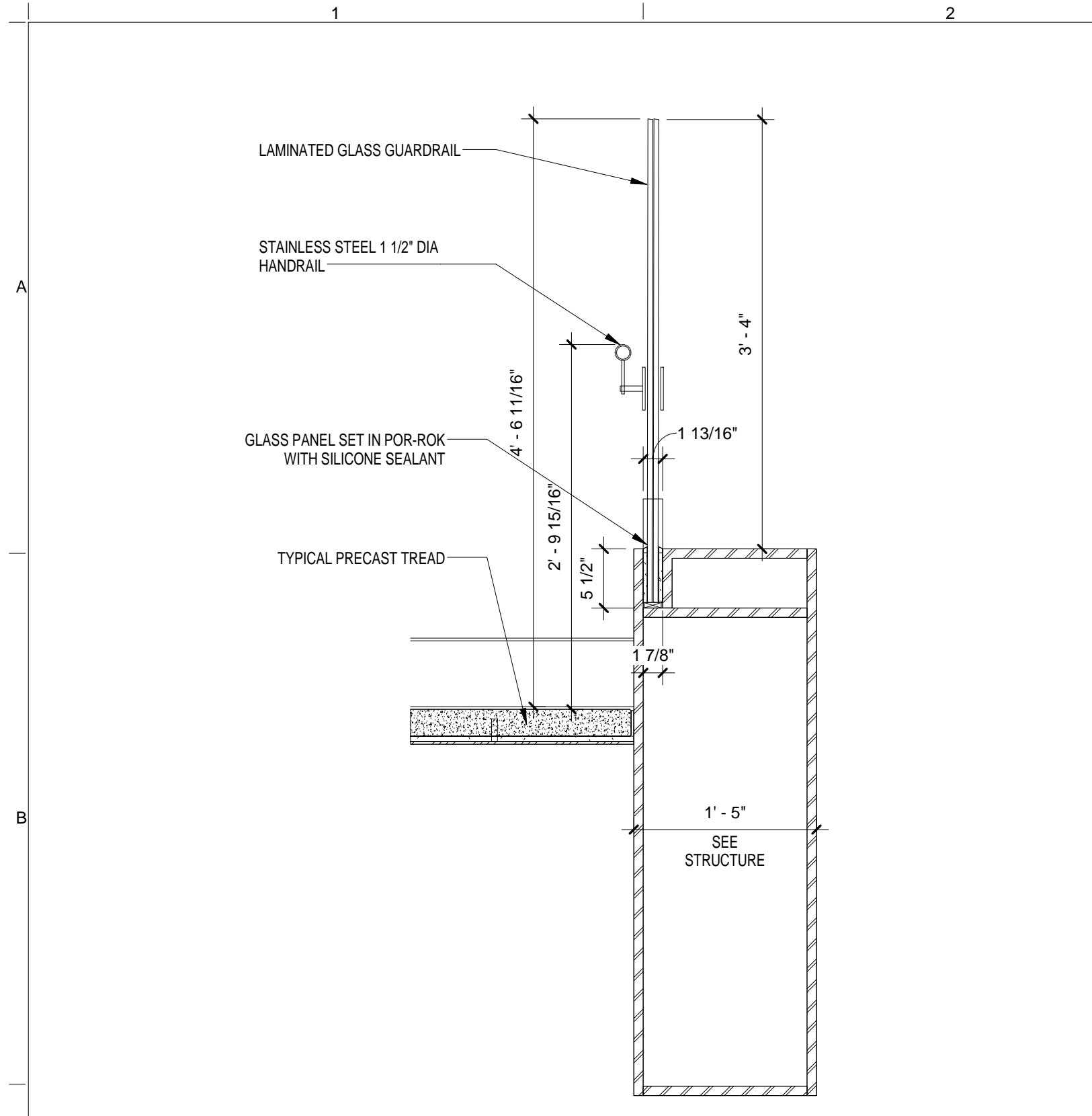


REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING SIZE: 24" x 36"
DRAWING SCALE: As indicated
PROJECT PHASE: CONSTRUCTION DOCUMENTS

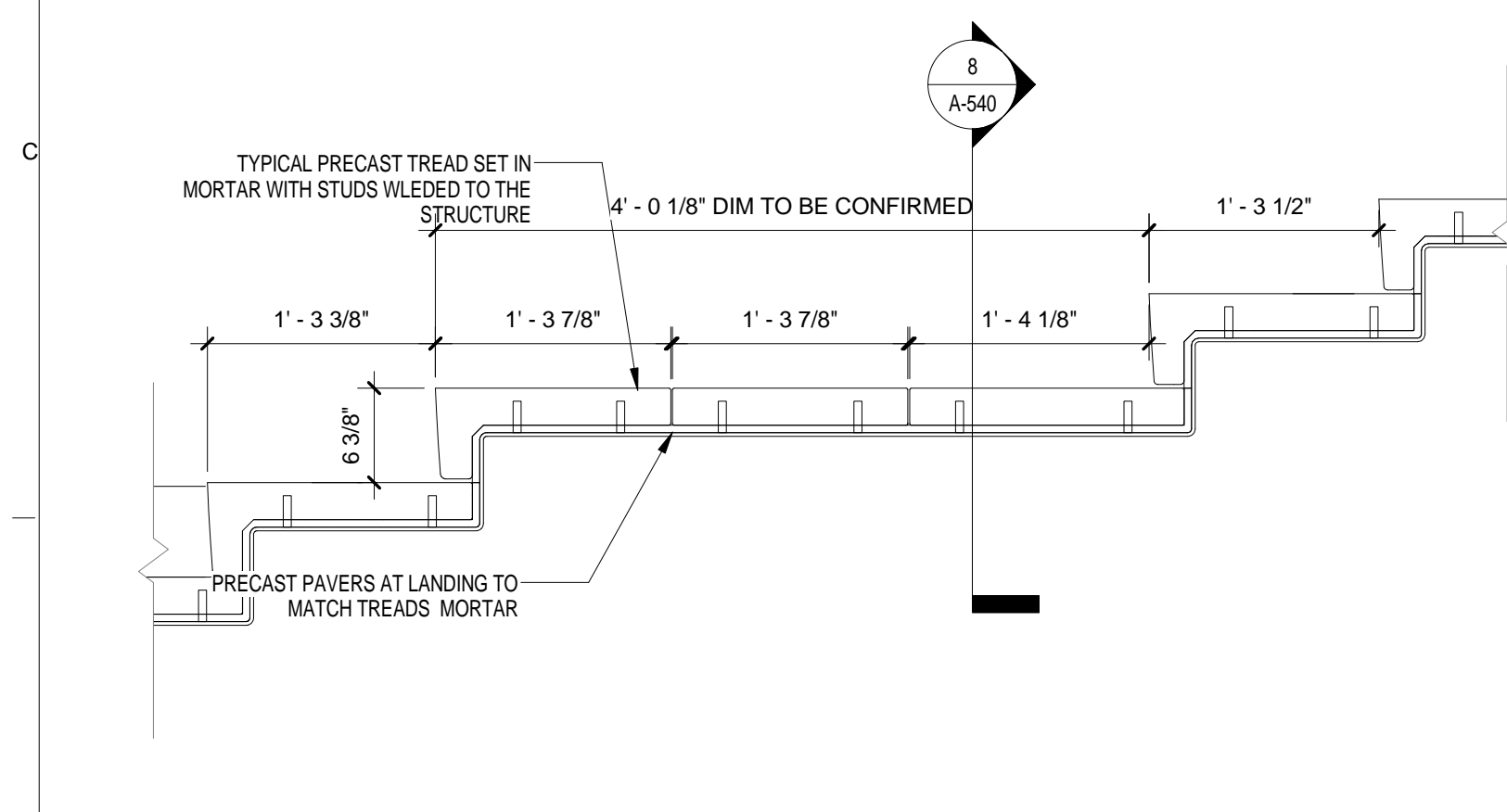
DRAWING TITLE
ENLARGED DETAILS AT STAIR LOCATIONS

DRAWING NUMBER: A-539.00
Sheet 242 of 315



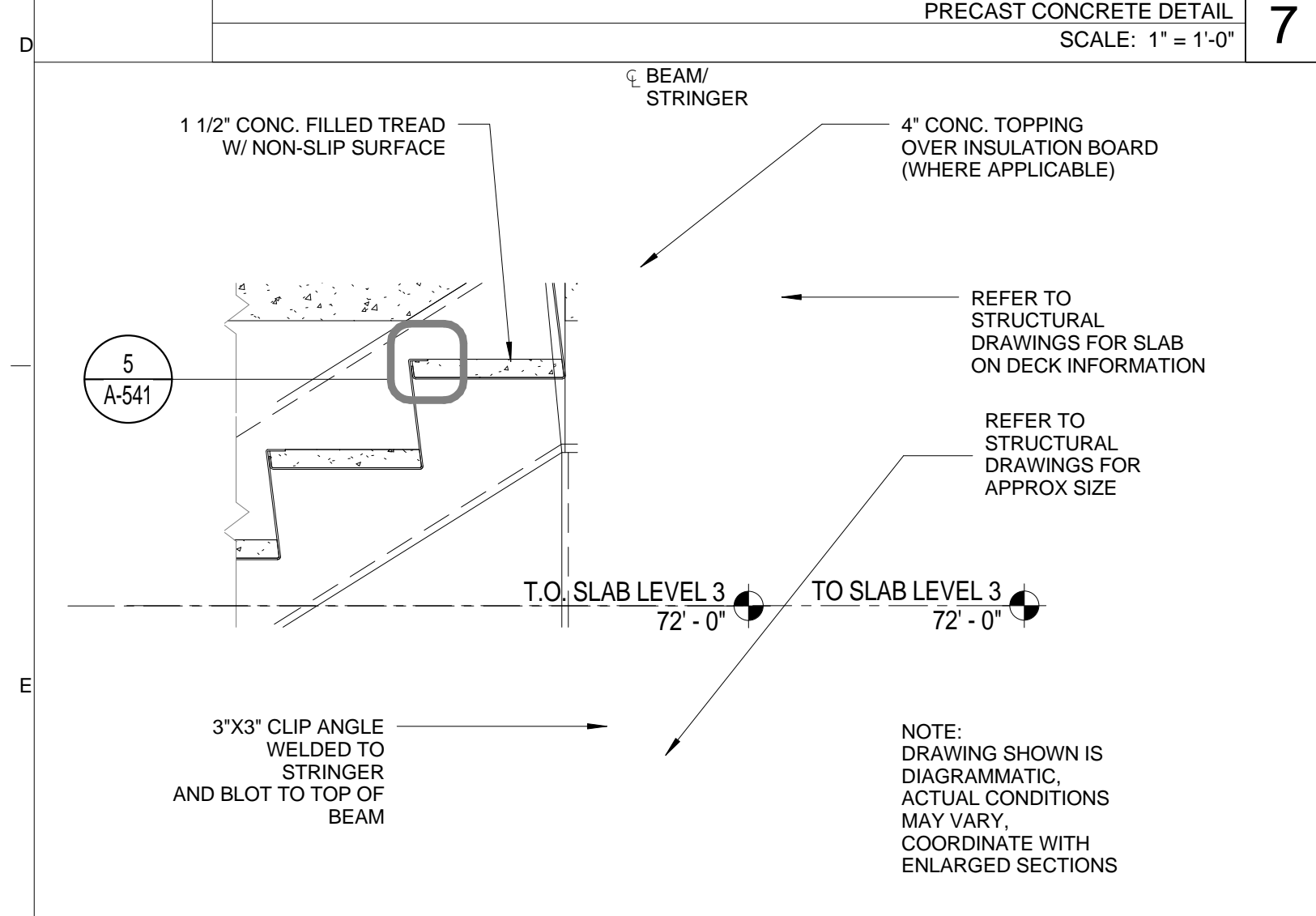
STAIR SECTION
SCALE: 1" = 1'-0"

8



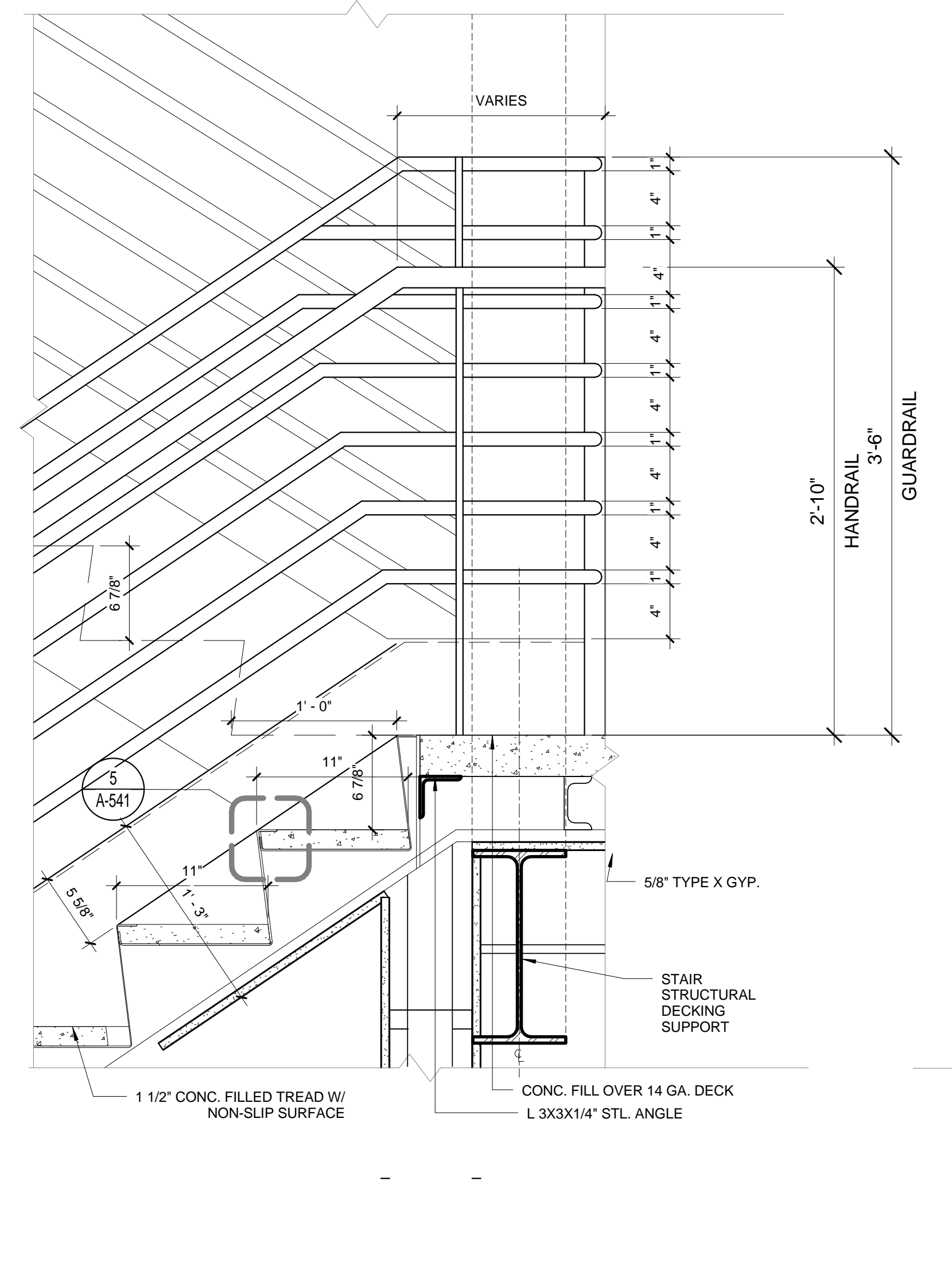
PRECAST CONCRETE DETAIL
SCALE: 1" = 1'-0"

7



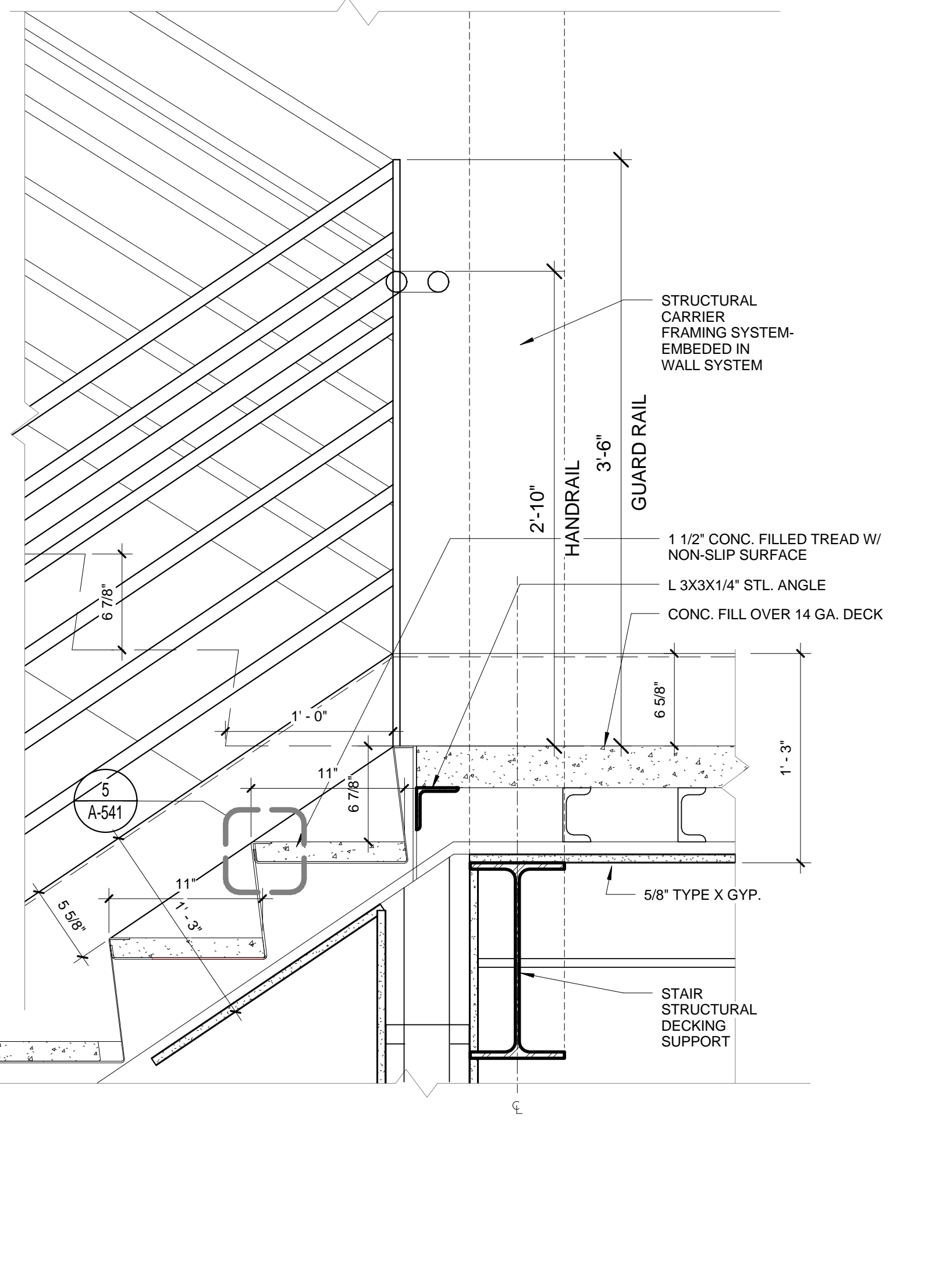
STAIR 'C' SIDE SECTION - TYP.
SCALE: 1" = 1'-0"

6



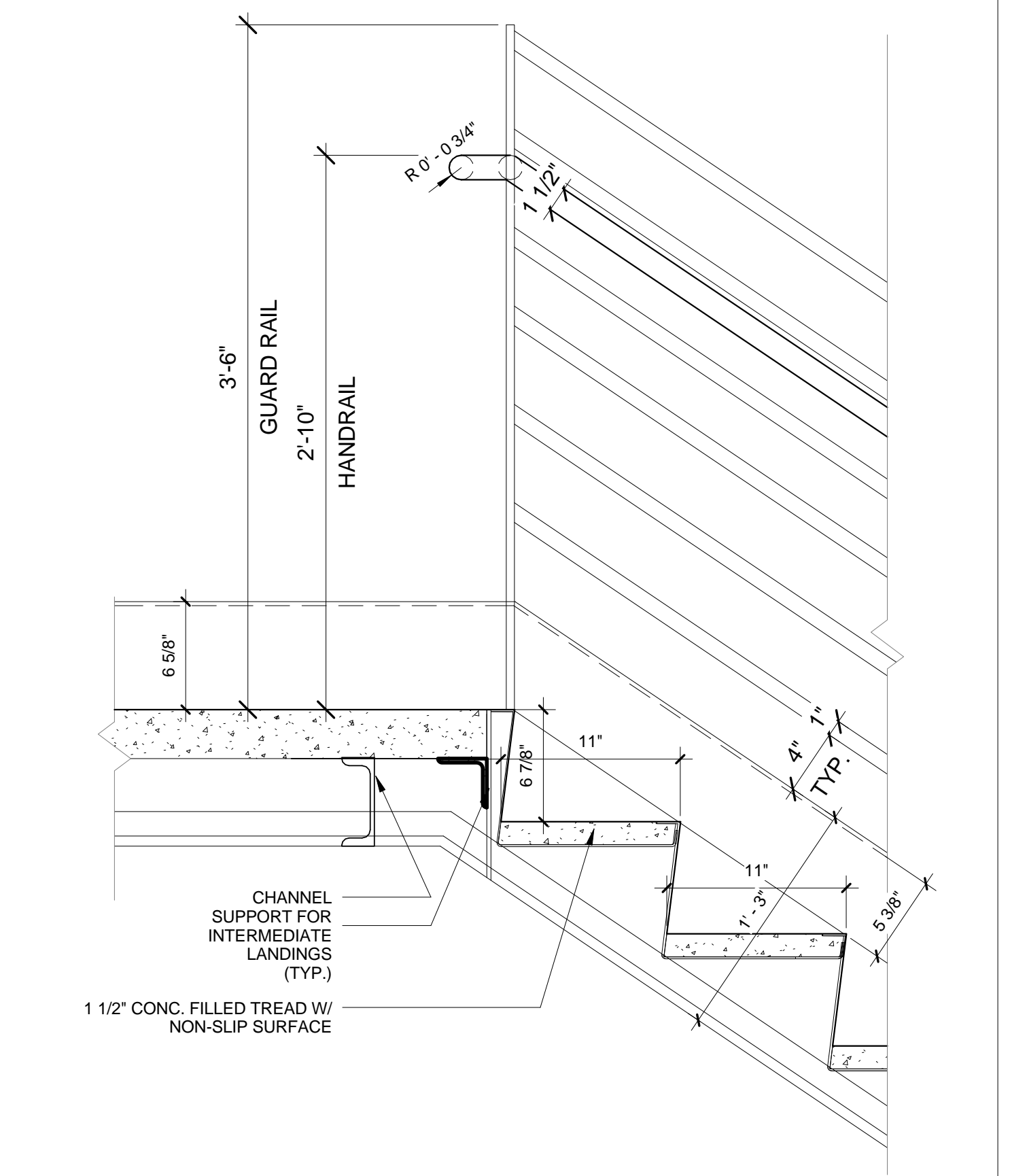
STAIR DETAIL W/ RAILING RETURN @ LANDING
SCALE: 1 1/2" = 1'-0"

4



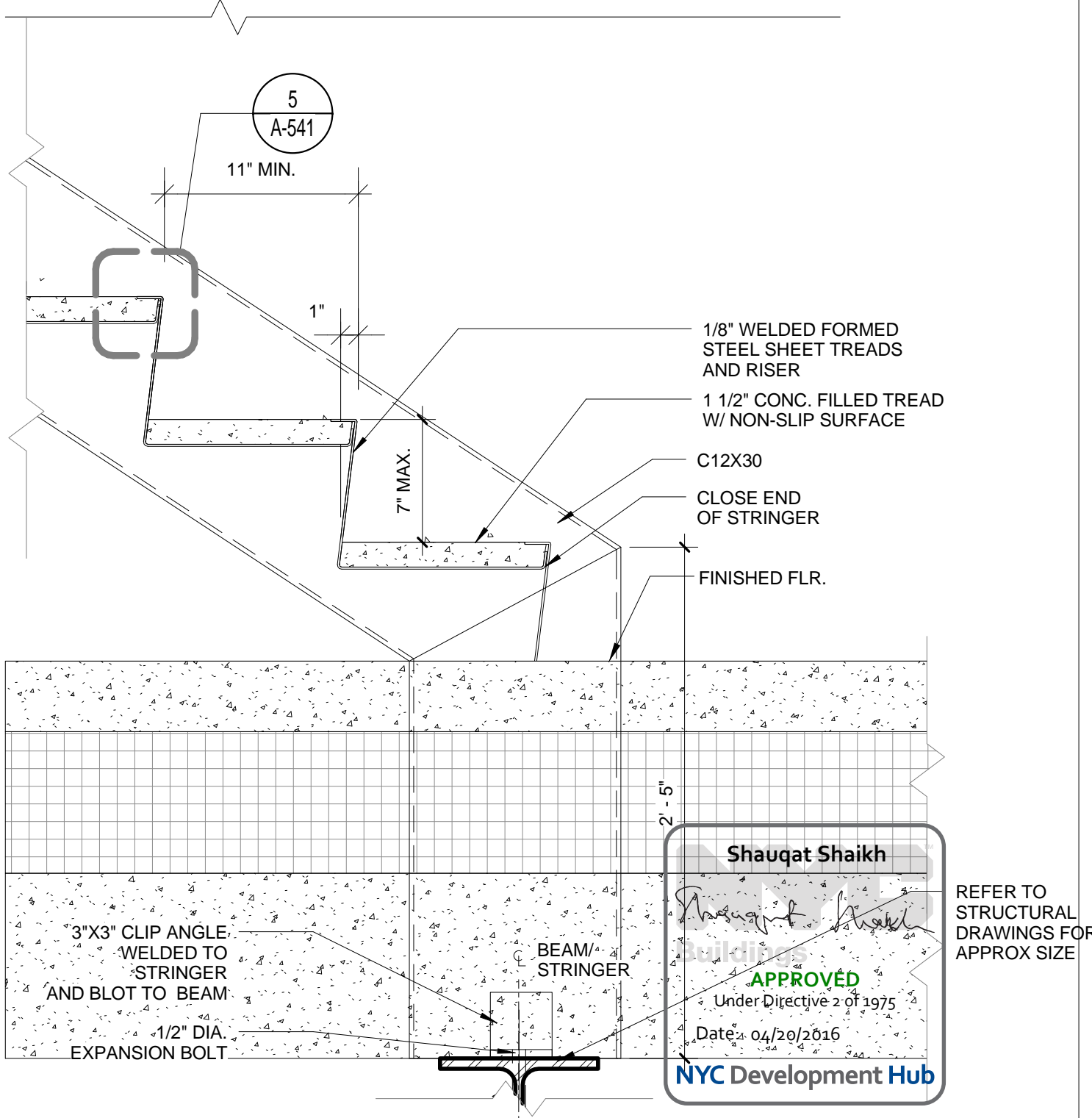
STAIR DETAIL @ LANDING
SCALE: 1 1/2" = 1'-0"

3



STAIR DETAIL @ TOP OF INTERMEDIATE LANDING
SCALE: 1 1/2" = 1'-0"

2



DETAIL AT STAIR BASE
SCALE: 1 1/2" = 1'-0"

1

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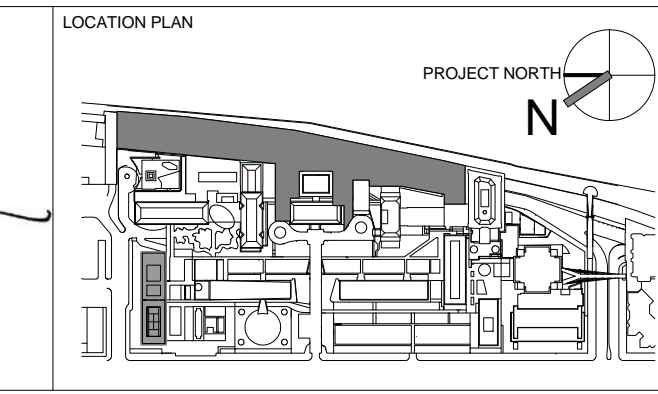
STRUCTURAL ENGINEER
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744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

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NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
DORIS B. BARNUM
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
E	DOB SUBMISSION	31-JULY-15
1	E&F ADDENDUM 1	31-JULY-15
2	METAL STAIR PACKAGE	14-SEPT-15
3	DOB SUBMISSION	01-OCT-15
4	PROGRESS SET	30-OCT-15
5	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

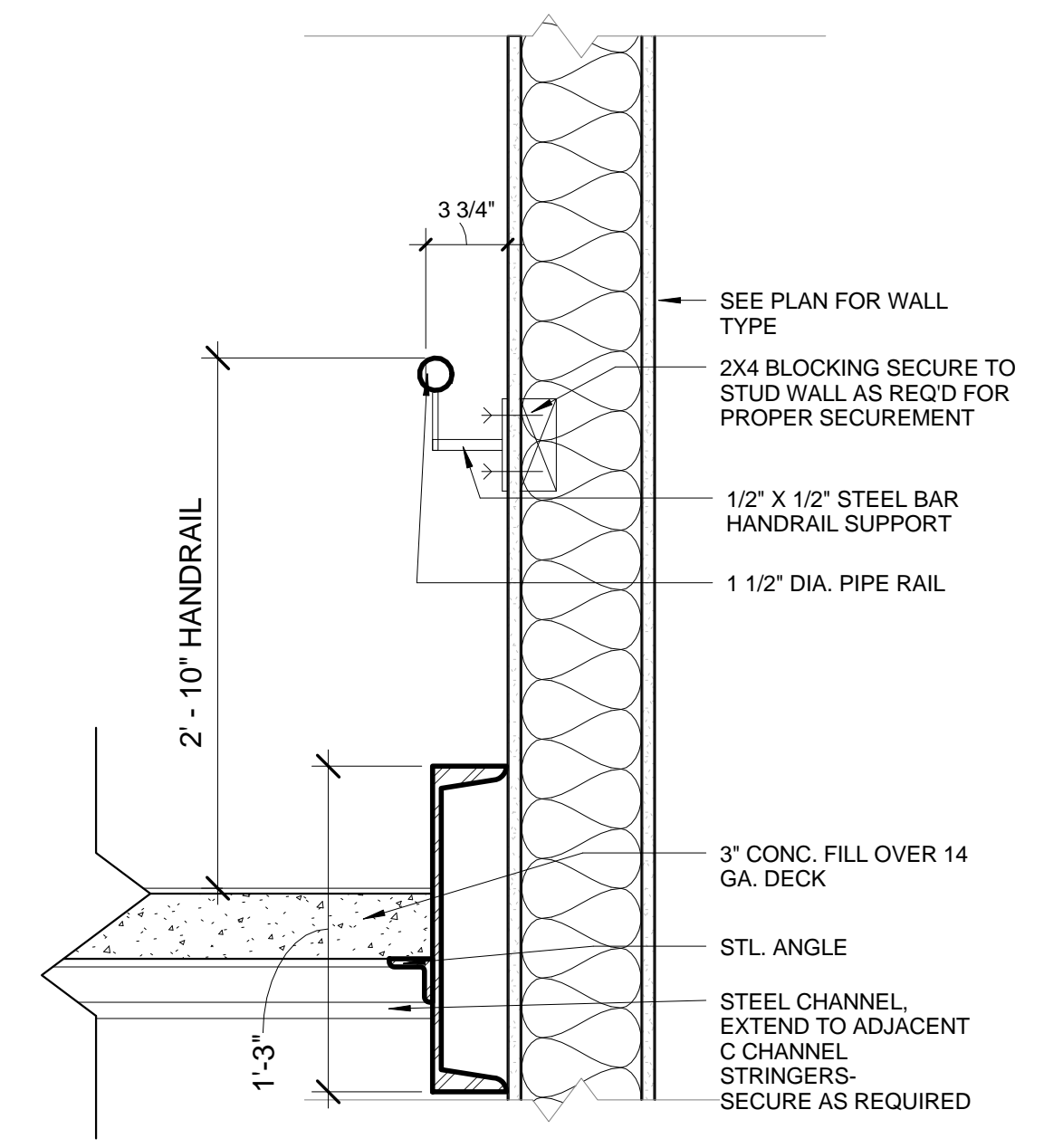
PROJECT PHASE
CONSTRUCTION DOCUMENTS

TYPICAL STAIR DETAILS

DRAWING NUMBER
A-540.00

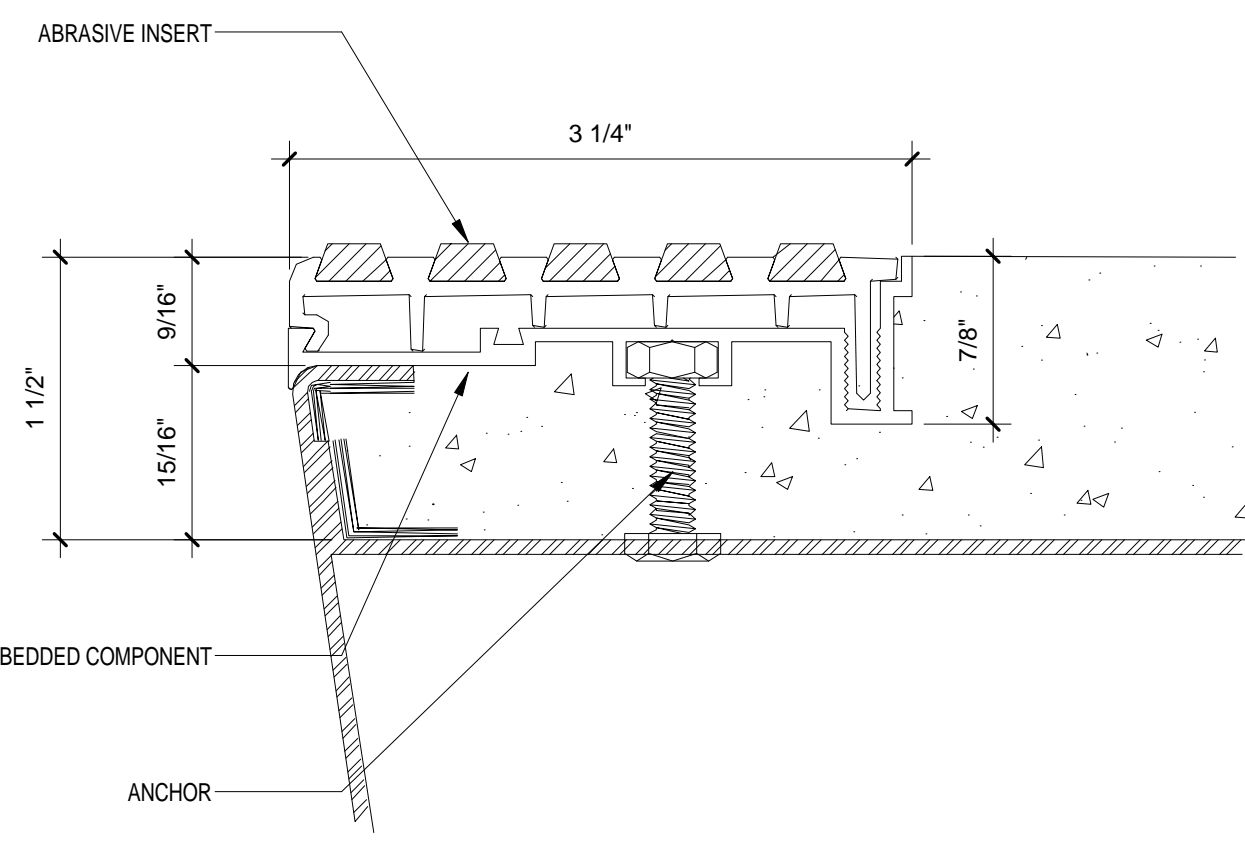
SHEET 243 OF 315

DATE: 04/20/2016
APPROVED
Under Objective 2 of 1375
NYC Development Hub

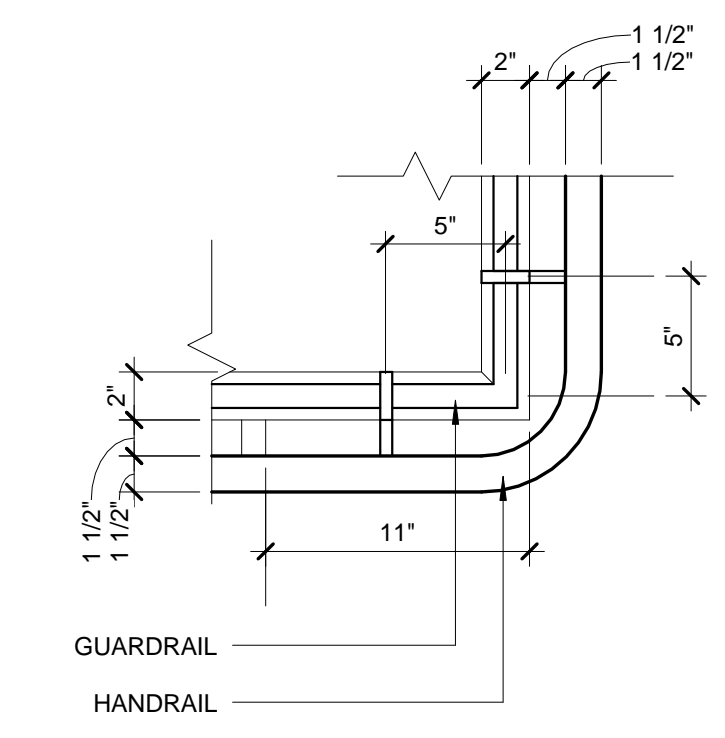


STAIR DETAIL-HANDRAIL
SCALE: 1 1/2" = 1'-0" 3

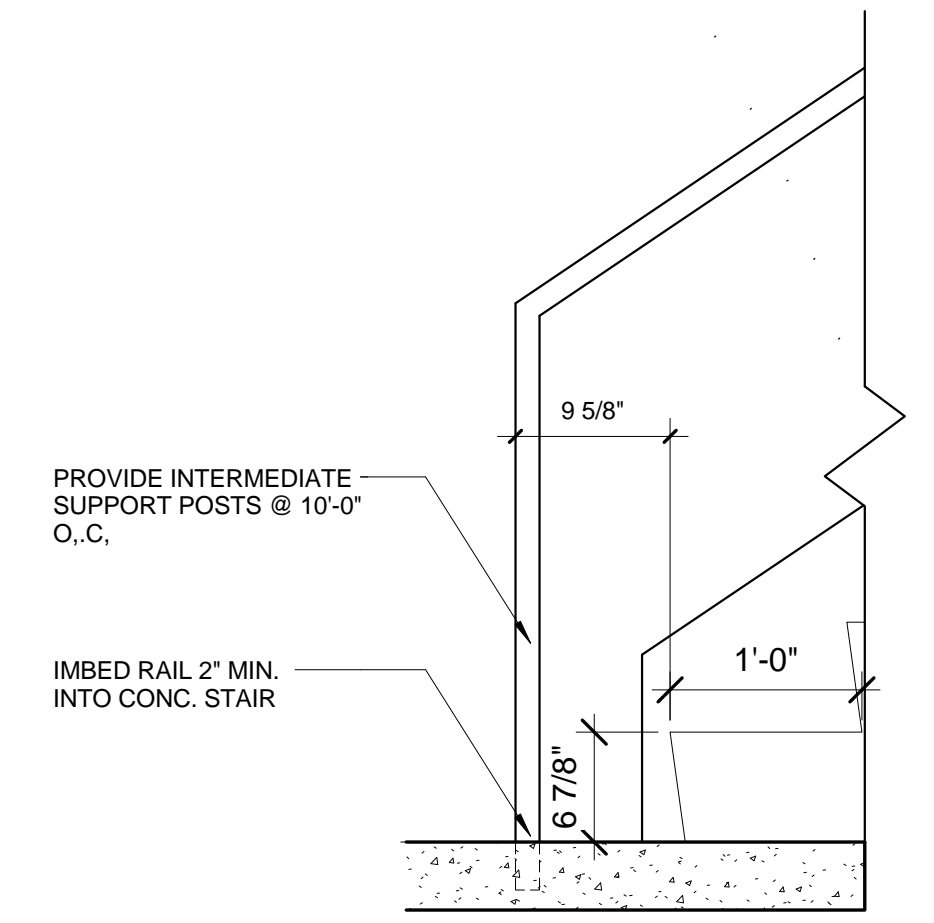
NOTES:
BASIS OF DESIGN IS METAL STAIR, FINISH RAIL AND GUARDRAIL SYSTEMS FROM WORTHINGTON METAL FABRICATORS
BASIS OF DESIGN: BALCO DST-330



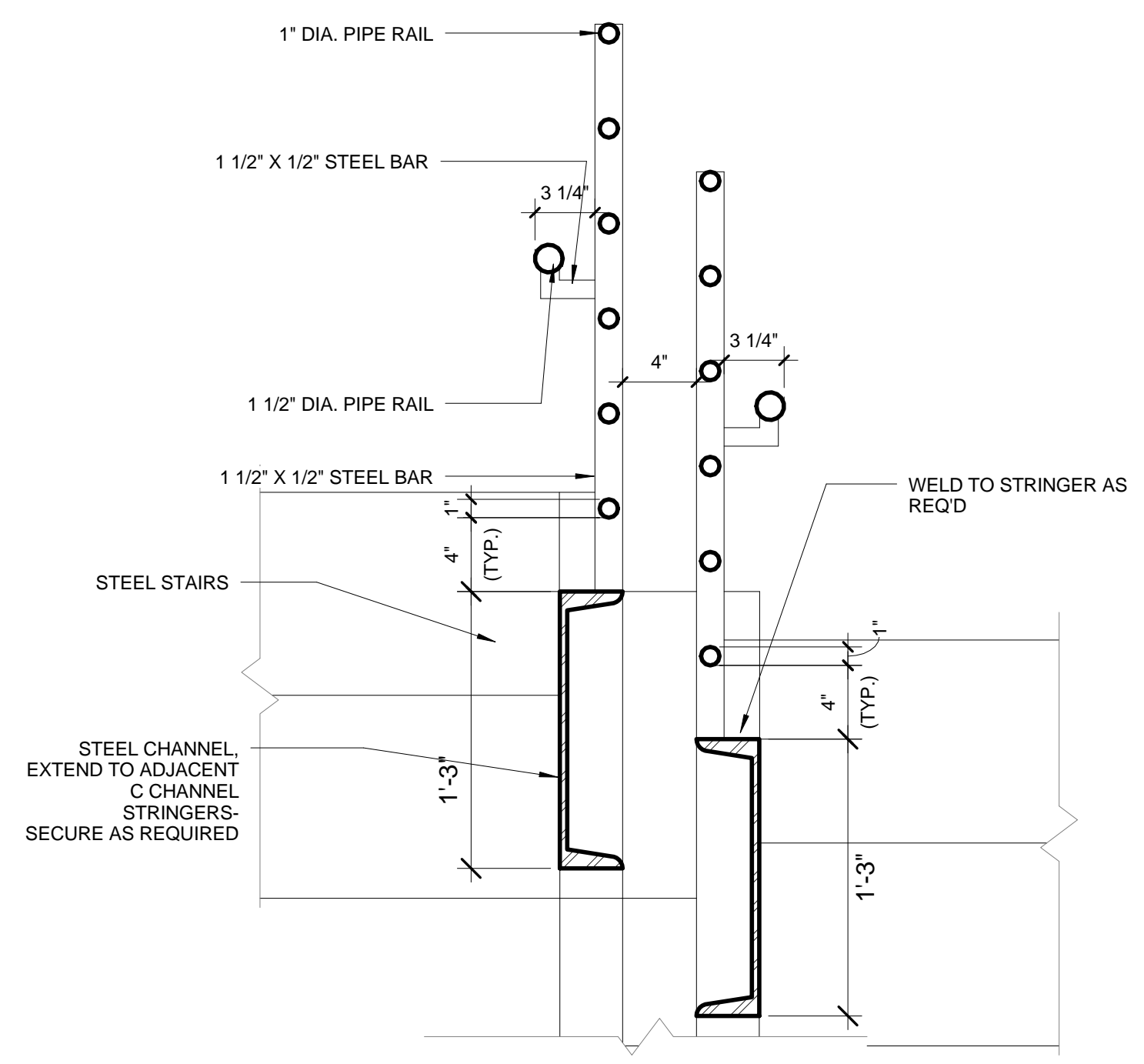
ABRASIVE METAL NOSING
SCALE: 12" = 1'-0" 5



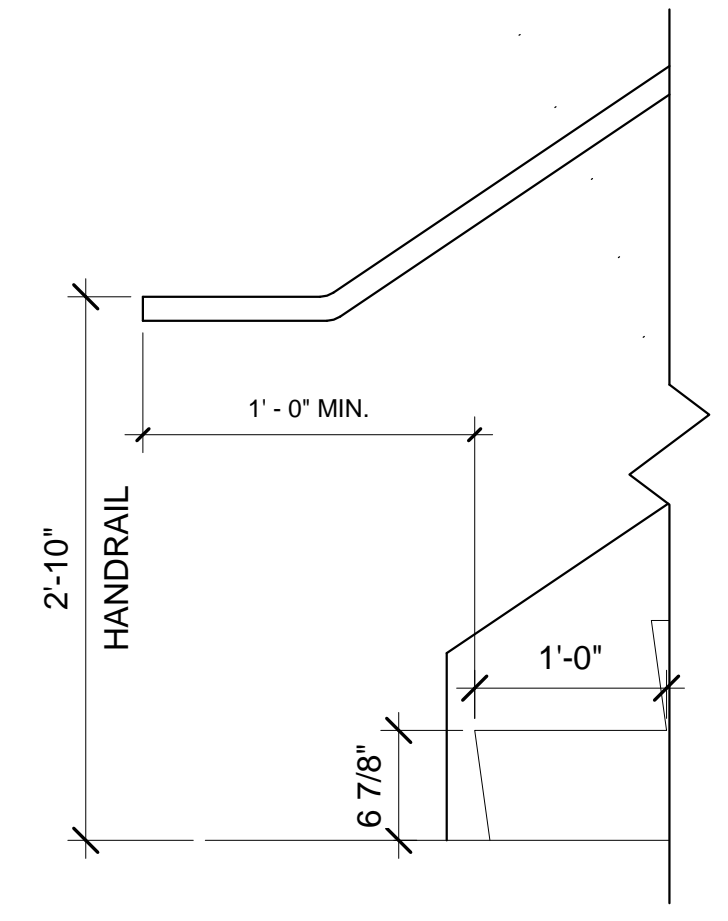
ENLARGED HANDRAIL PLAN DETAIL 2
SCALE: 1 1/2" = 1'-0" 2



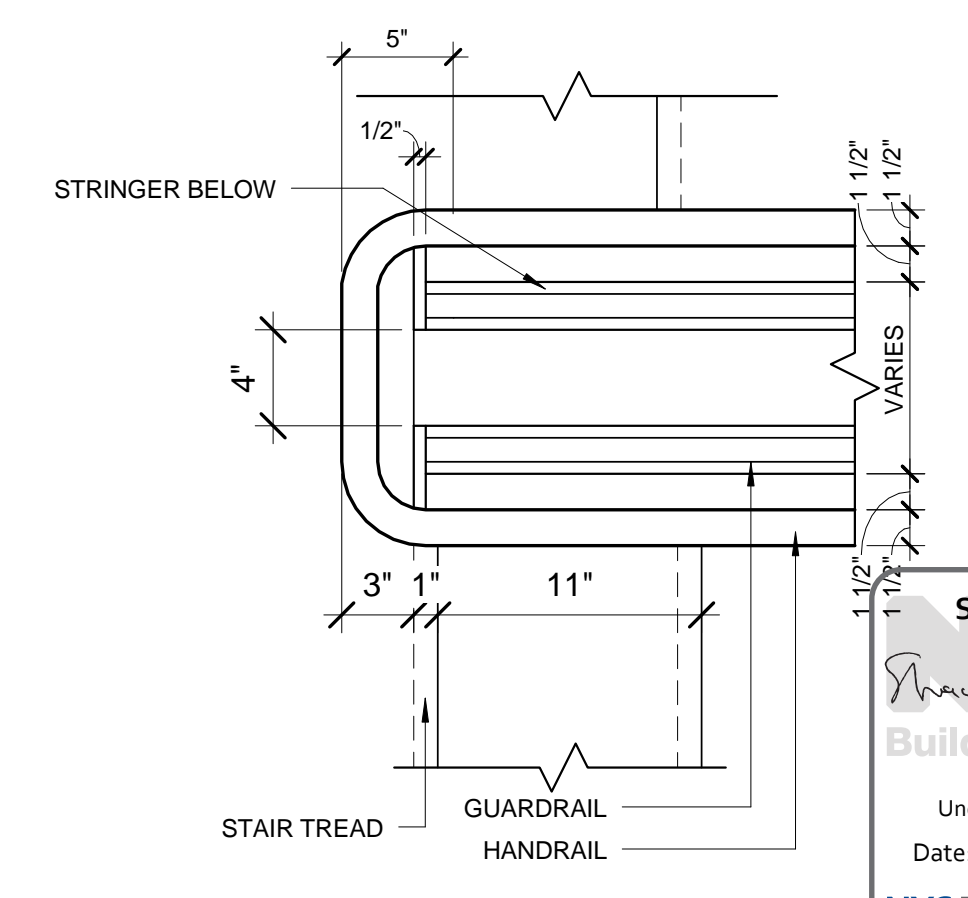
MIDDLE HANDRAIL AT LANDING
SCALE: 1" = 1'-0" 7



STAIR HANDRAILING BETWEEN STRINGERS
SCALE: 1 1/2" = 1'-0" 6

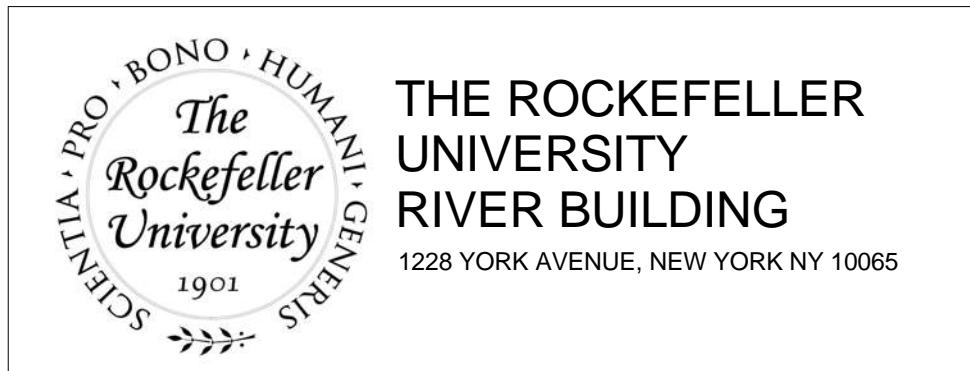


HANDRAIL EXTENSION
SCALE: 1" = 1'-0" 4



ENLARGED HANDRAIL PLAN DETAIL 1
SCALE: 1 1/2" = 1'-0" 1

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Shauqat Shaikh Buildings
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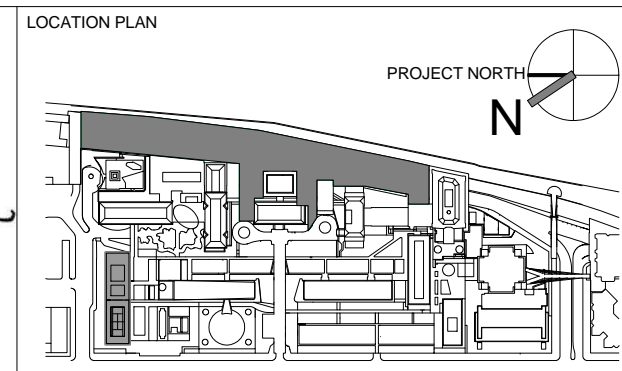
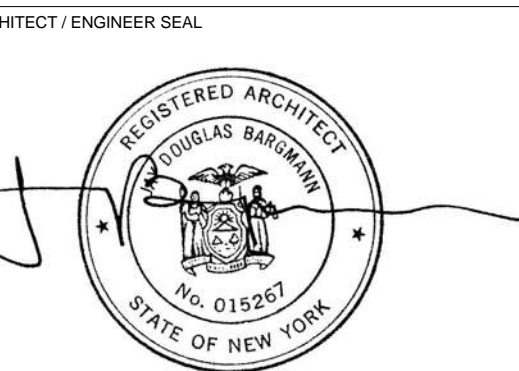
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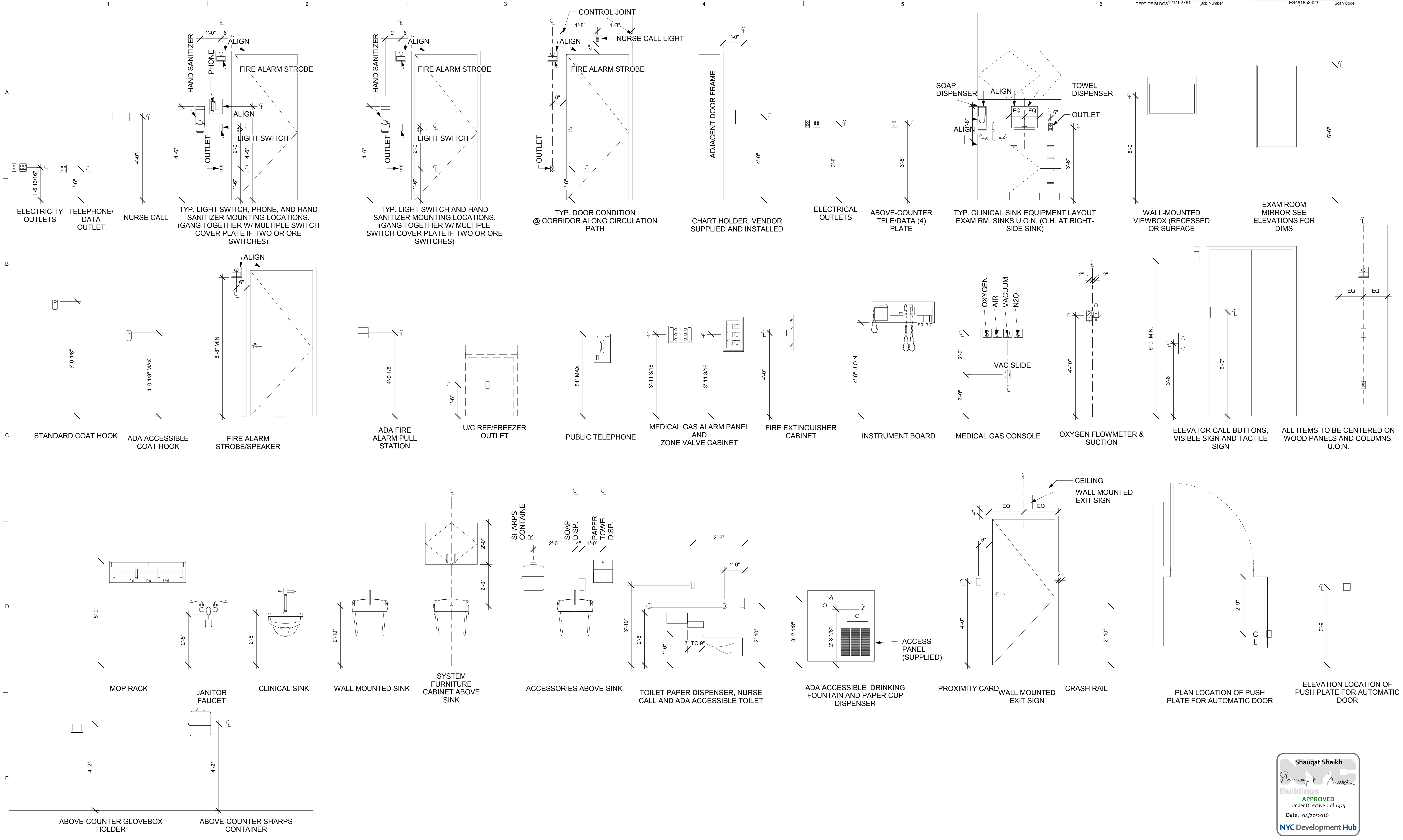
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
1	METAL STAIR PACKAGE	14-SEPT-15	664.100	TYPICAL STAIR DETAILS
2	DOB SUBMISSION	01-OCT-15		
3	PROGRESS SET	30-OCT-15		
4	DOB SUBMISSION - RB	16-DEC-15		

DRAWING SIZE
24" x 36"
DRAWING SCALE
As indicated
PROJECT PHASE
CONSTRUCTION DOCUMENTS
DRAWING NUMBER
A-541.00
Sheet 244 of 315
DOB REV.
1901



TYPICAL MOUNTING HEIGHTS
SCALE: 1/2" = 1'-0" 1

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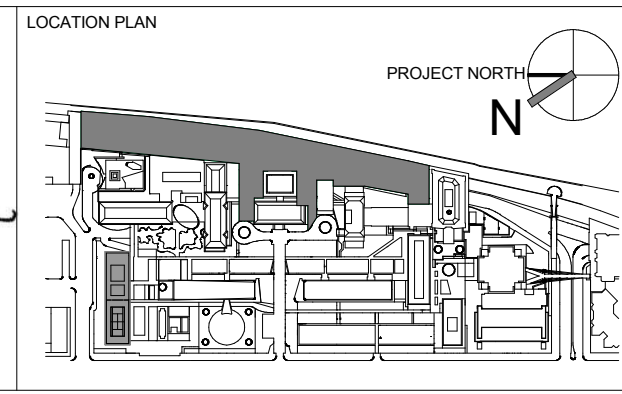
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REGISTERED ARCHITECT
DOMINICK BARDIMON
No. 015267
STATE OF NEW YORK



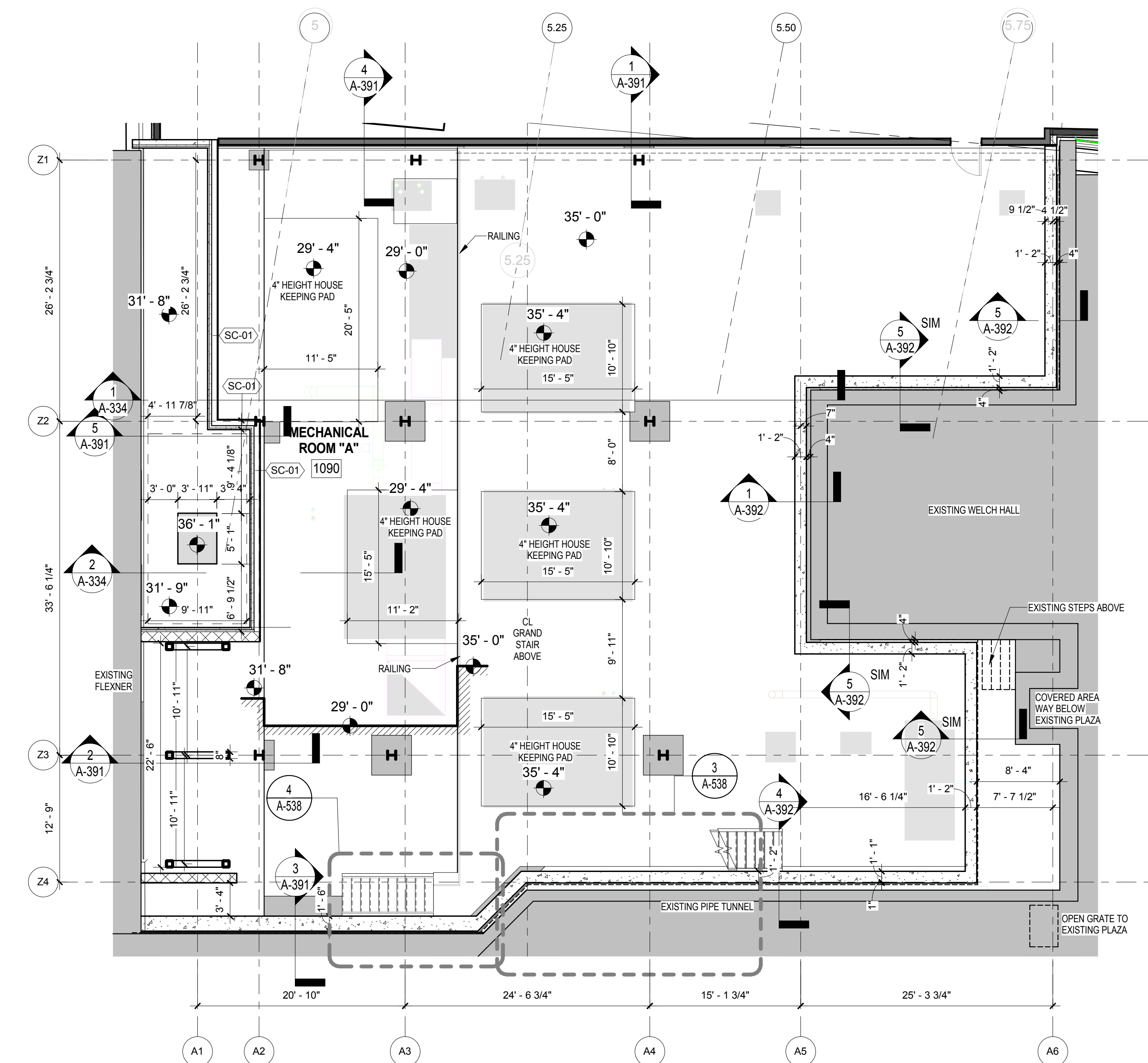
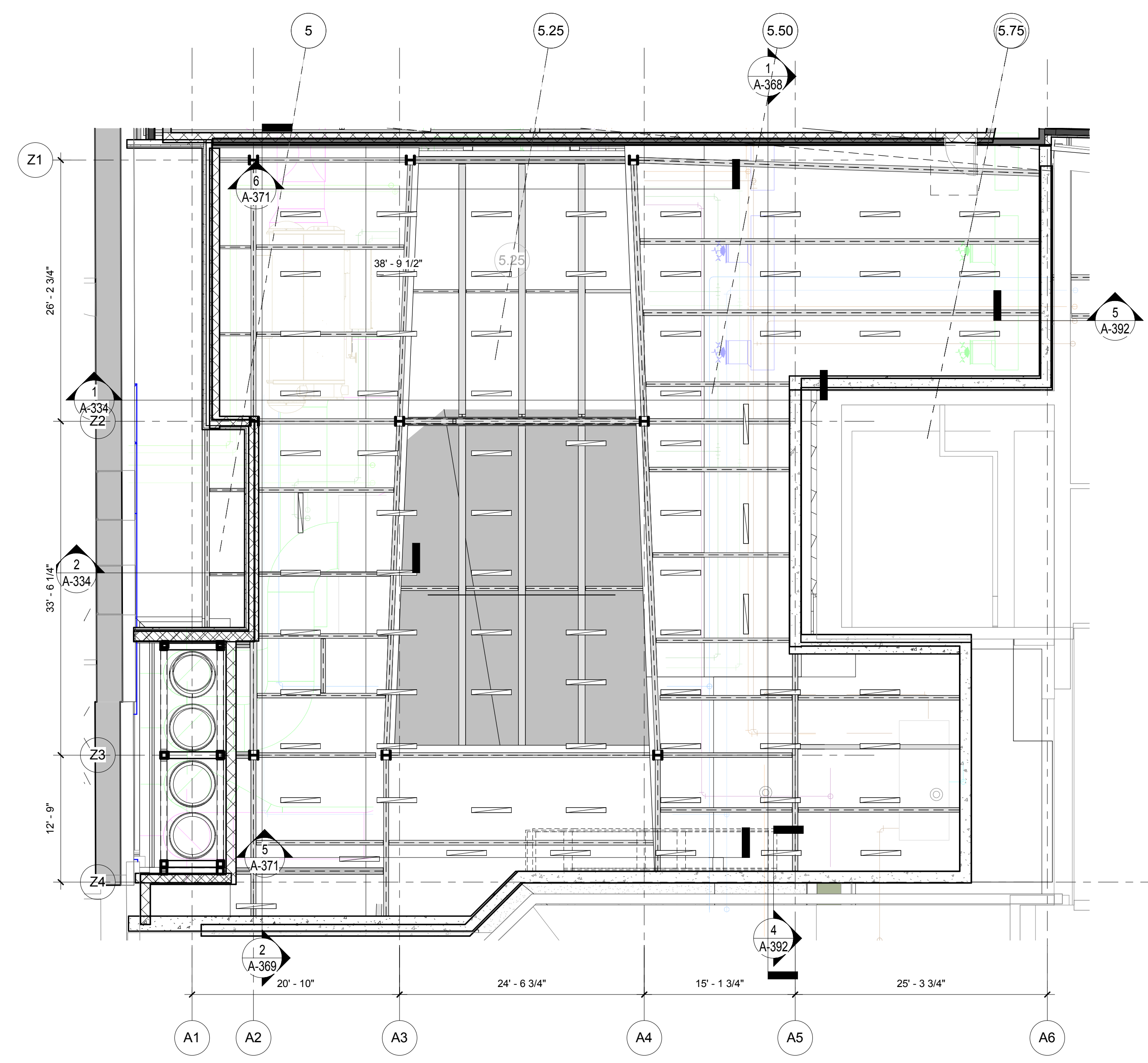
REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
1	PROGRESS SET	30-OCT-15	DRAWING SIZE 24" x 36"
2	DOB SUBMISSION -RB	16-DEC-15	DRAWING SCALE 1/2" = 1'-0"

DRAWING TITLE
TYP. MOUNTING HEIGHTS

DRAWING NUMBER
A-600.00

DATE
04/30/2016

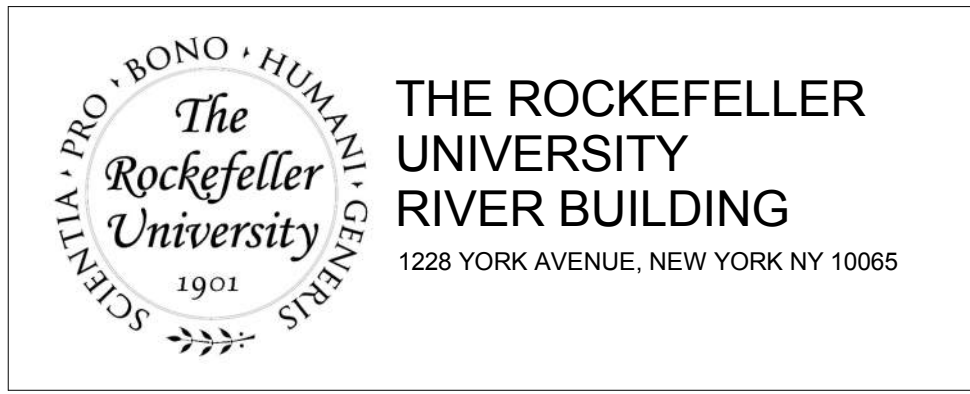
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ENLARGED REFELCETED CEILING PLAN MECHANICAL ROOM "A" SCALE: 1/8" = 1'-0" 2

ENLARGED PLAN MECHANICAL ROOM "A" SCALE: 1/8" = 1'-0" 1

Shauqat Shaikh
Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
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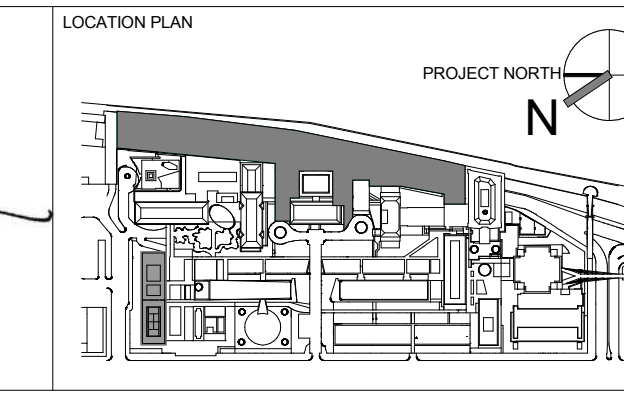
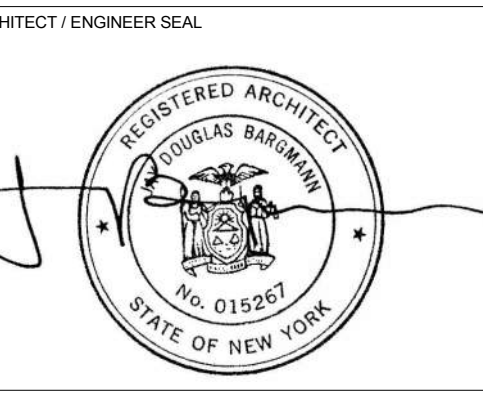
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 ONE LUX STUDIO
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 NEW YORK, NY 10011
 T. 212.201.5790

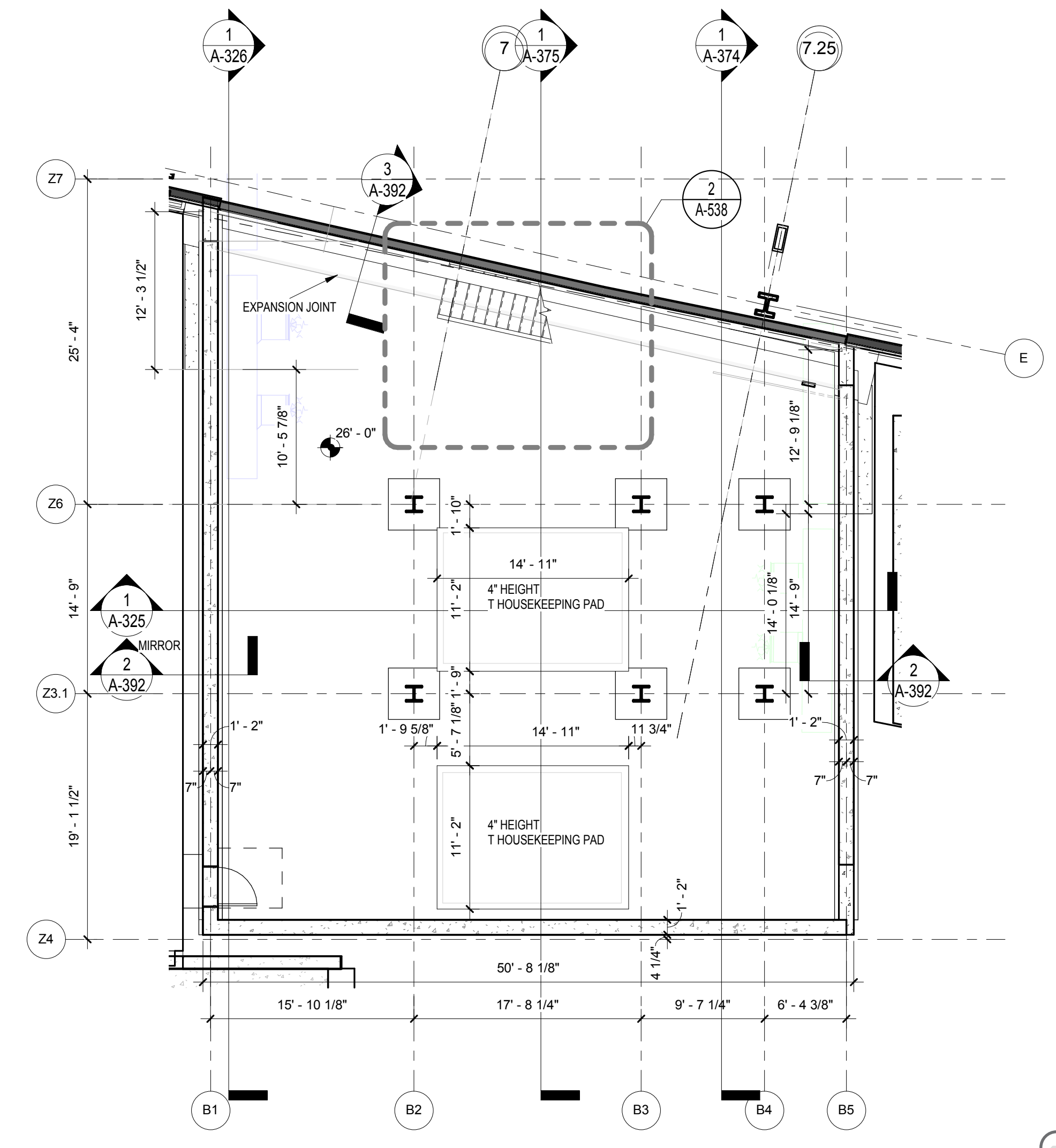
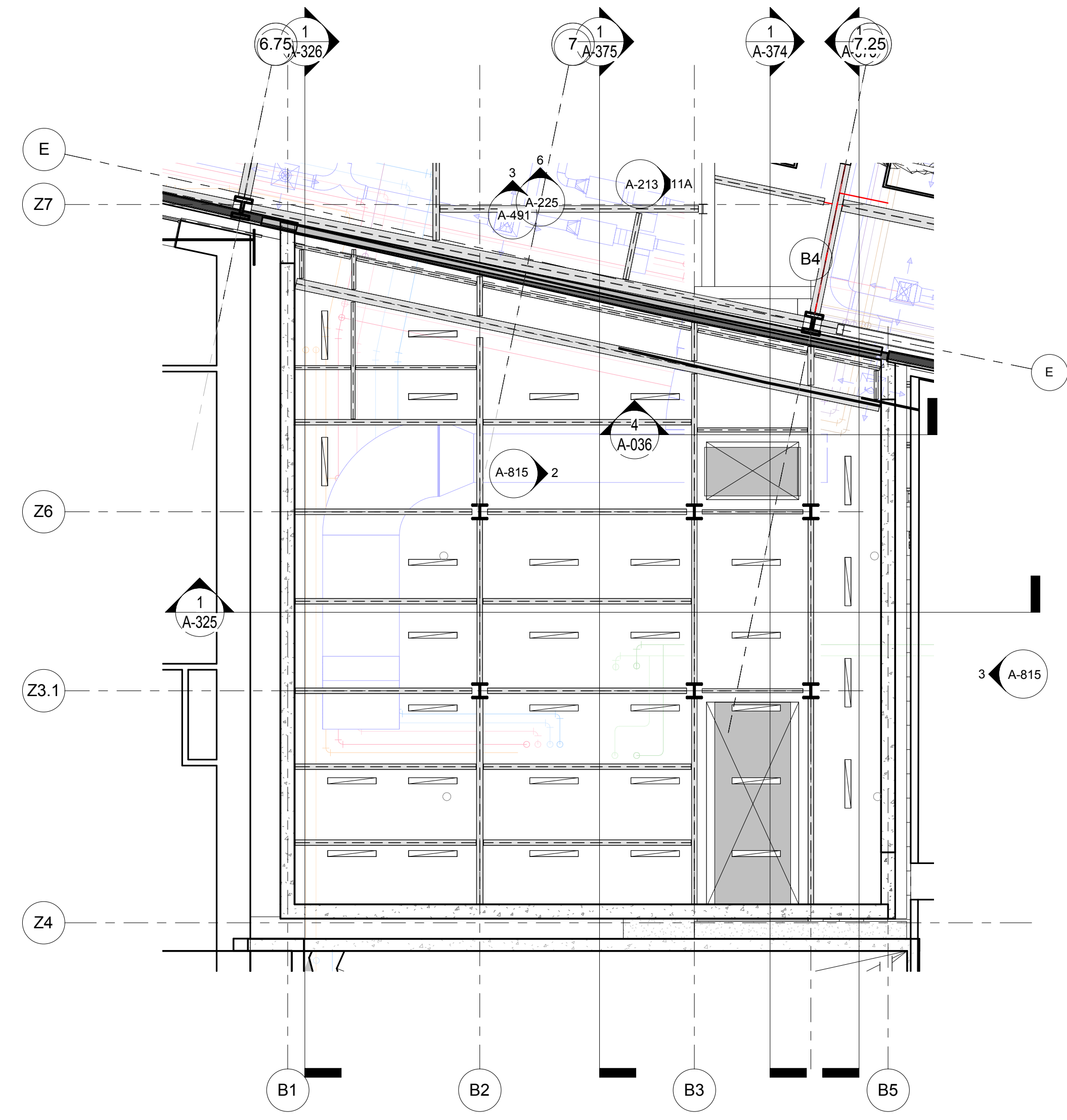
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REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100
 DRAWING SIZE
 24" x 36"
 DRAWING SCALE
 1/8" = 1'-0"
 PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
MECHANICAL ROOM "A" ENLARGED PLAN AND RCP
 DRAWING NUMBER
A-601.00
 Sheet 246 of 315
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RCP LEVEL 1 - Callout 1
SCALE: 1/8" = 1'-0" 2

MECHANICAL ROOM "B" ENLARGED PLAN
SCALE: 1/8" = 1'-0" 1

The Rockefeller University
1901
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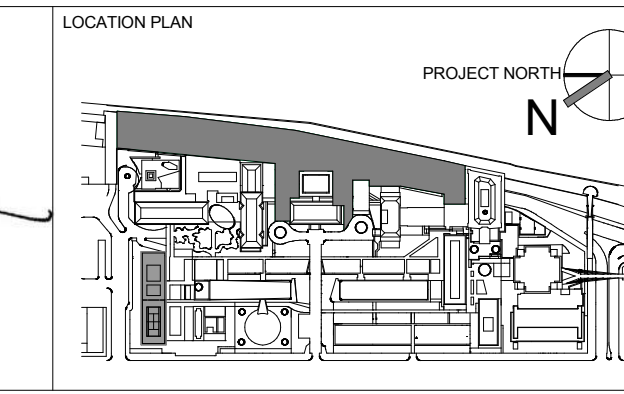
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHOUQAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/8" = 1'-0"

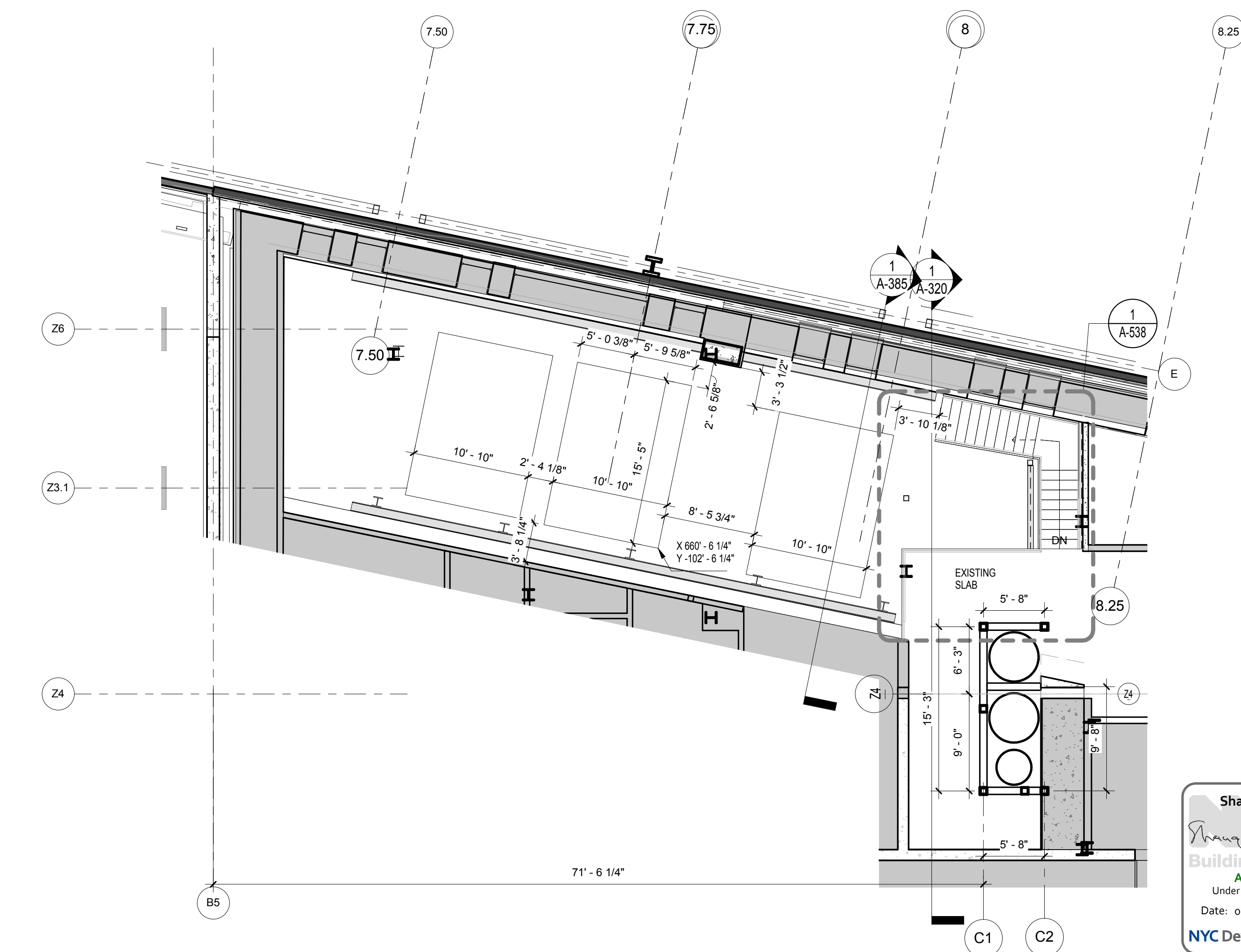
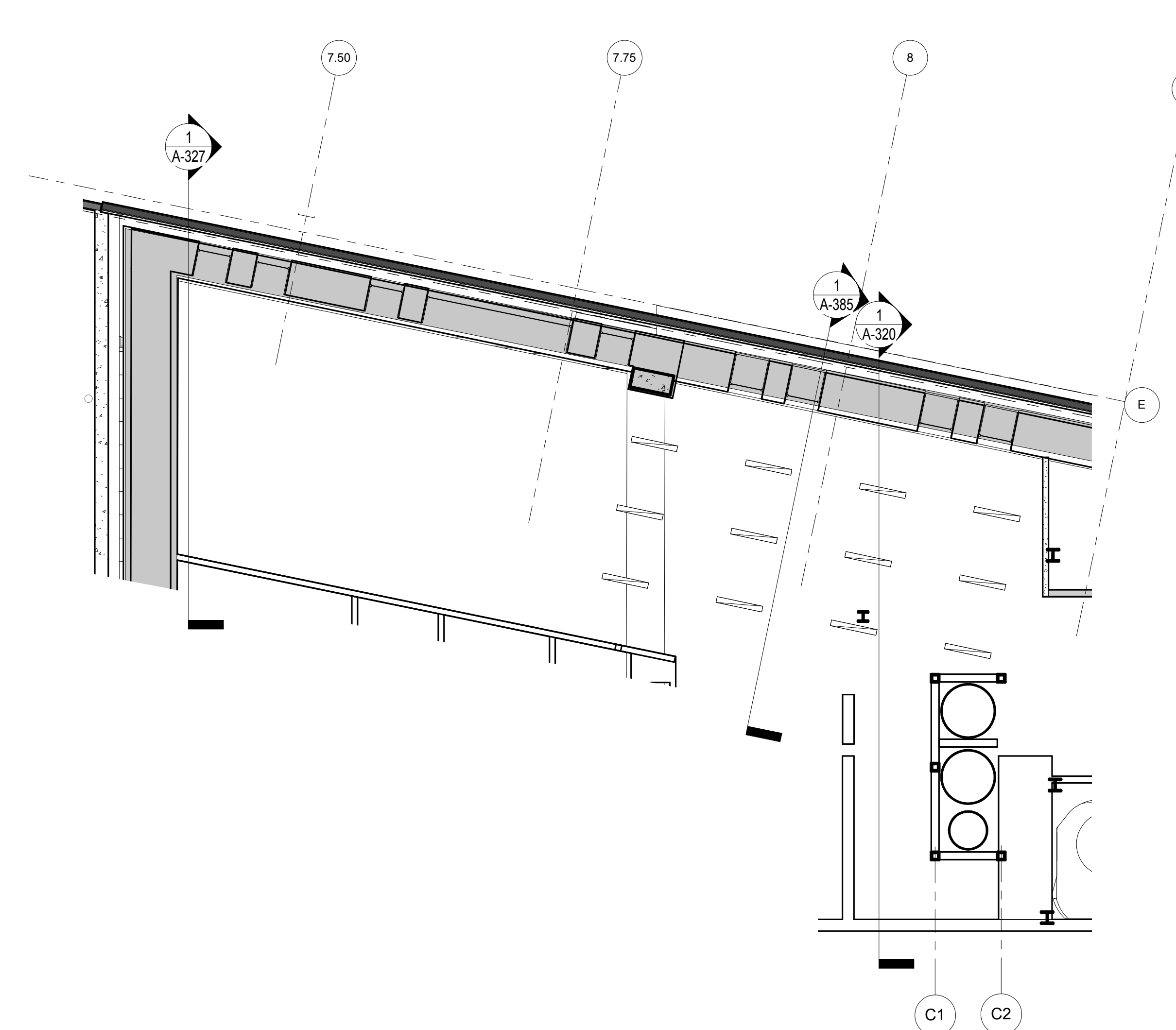
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
MECHANICAL ROOM "B" ENLARGED PLAN AND RCP

DRAWING NUMBER
A-602.00

Sheet 247 of 315

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Shauqat Shaikh
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MECHANICAL ROOM "C" RCP
SCALE: 1/8" = 1'-0" 2

ENLARGED PLAN MECHANICAL ROOM "C"
SCALE: 1/8" = 1'-0" 1

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Shauqat Shaikh
Buildings
APPROVED
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Date: 04/30/2016
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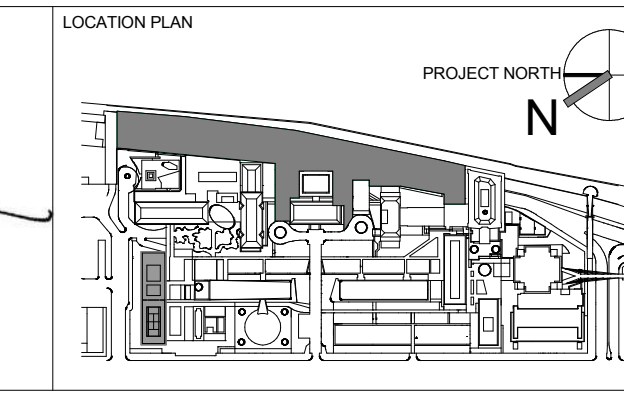
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LOCATION PLAN

REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
1/8" = 1'-0"

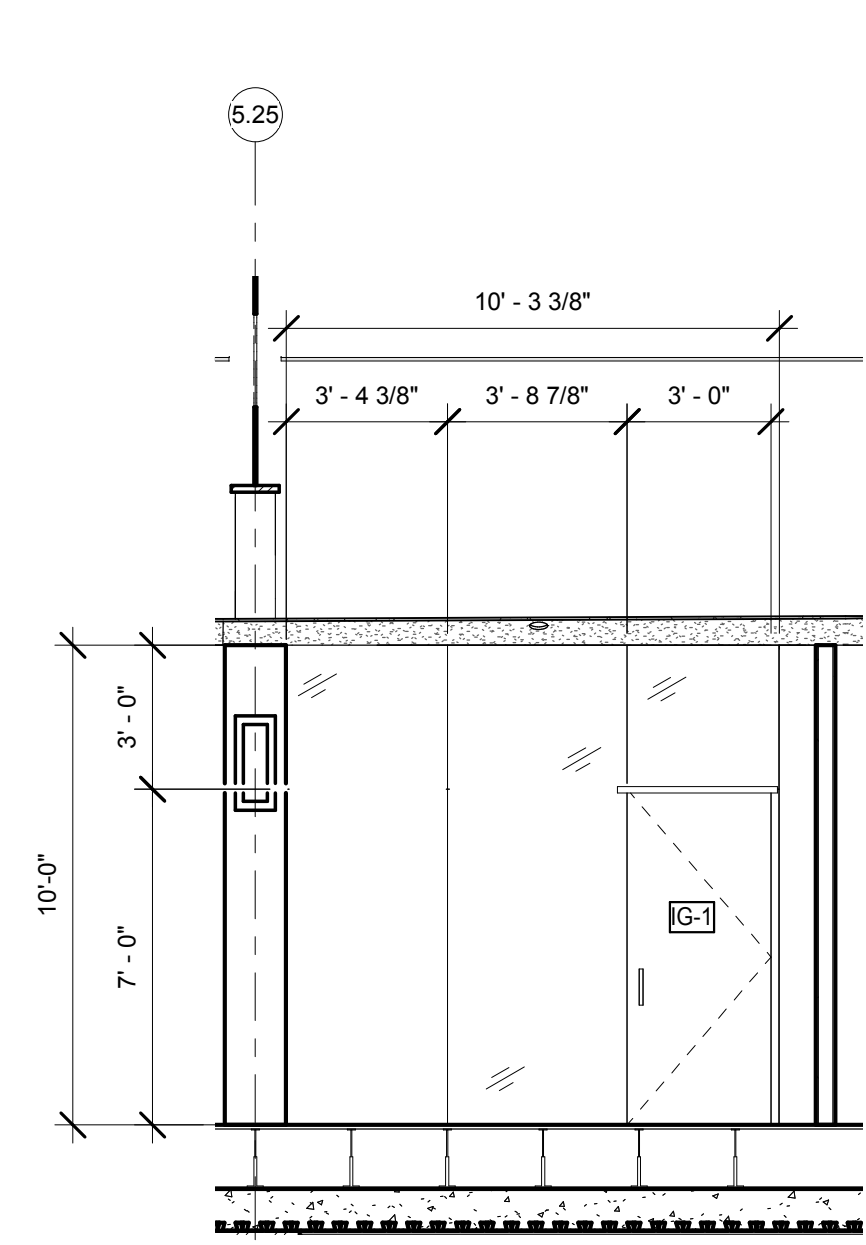
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
MECHANICAL ROOM "C" ENLARGED PLAN AND RCP

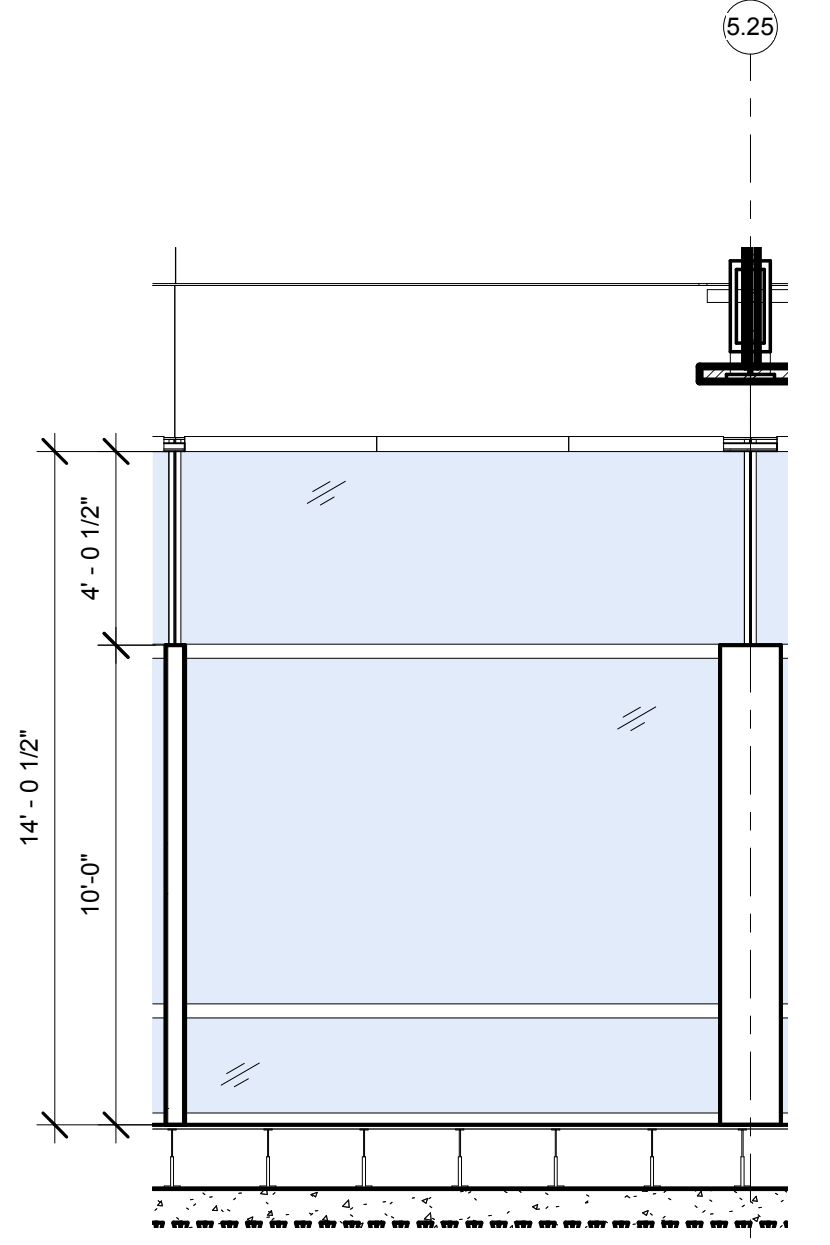
DRAWING NUMBER
A-603.00

Sheet 248 of 315

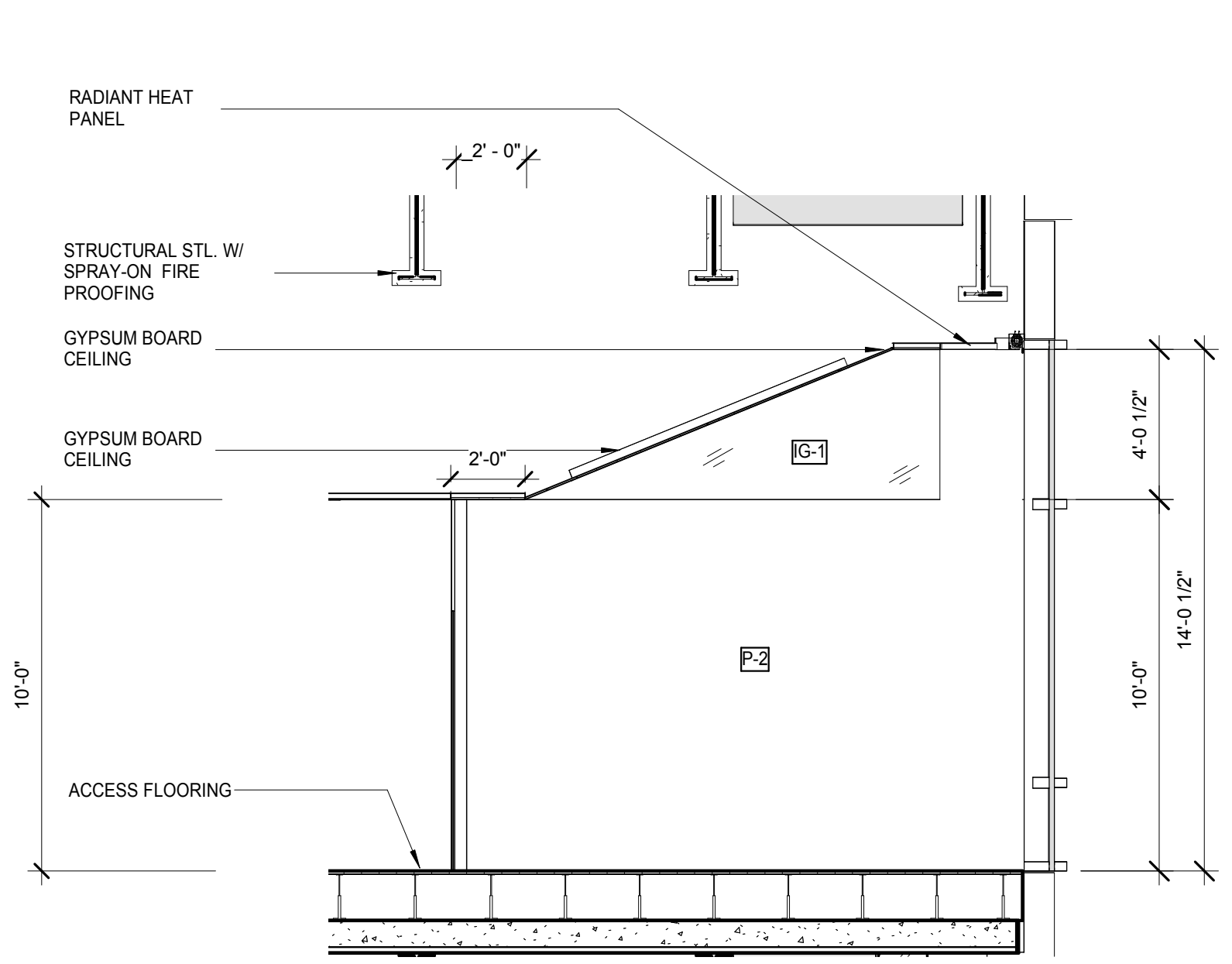
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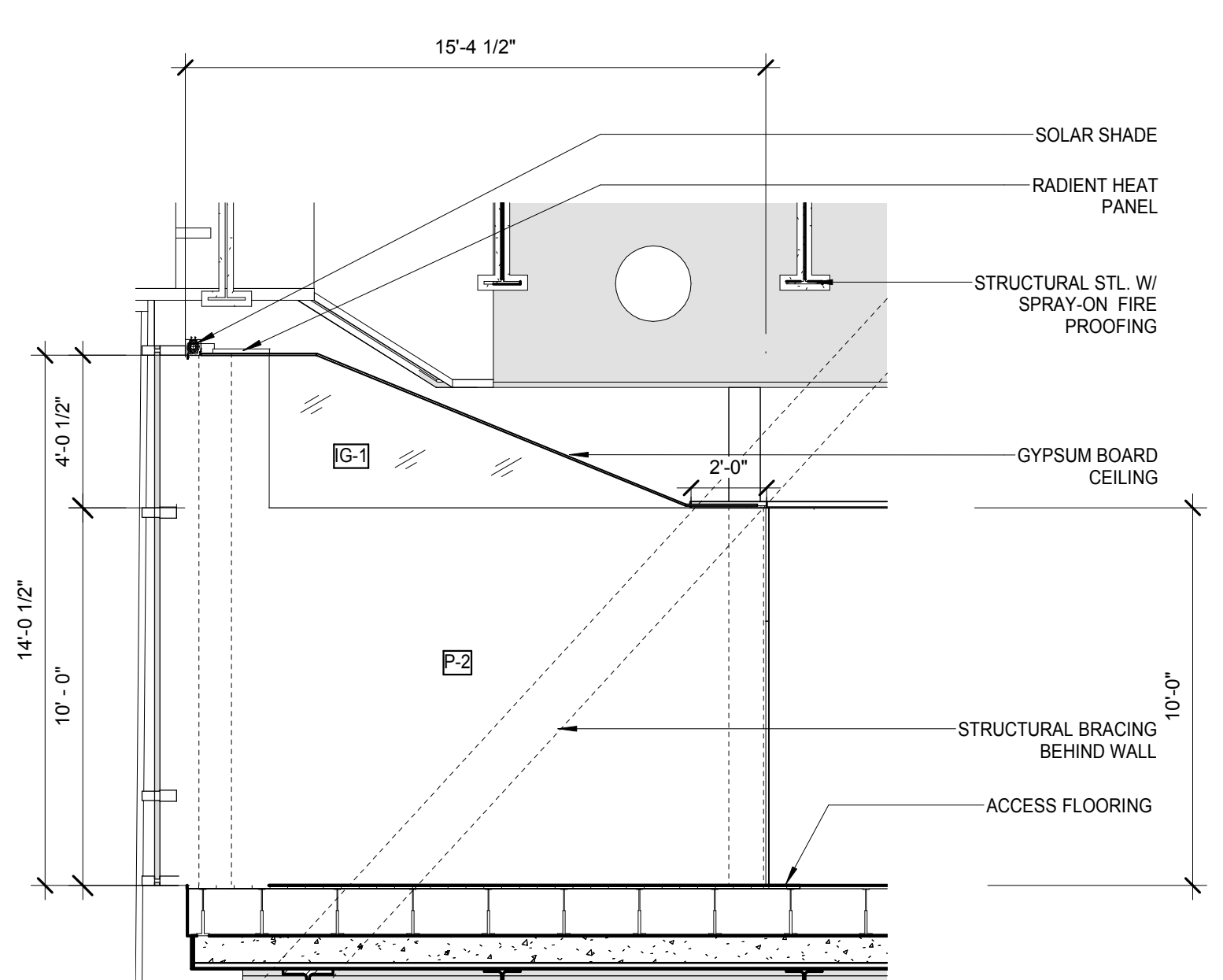
LEVEL 1- TYP. OFFICE - EAST ELEVATION
SCALE: 1/4" = 1'-0"



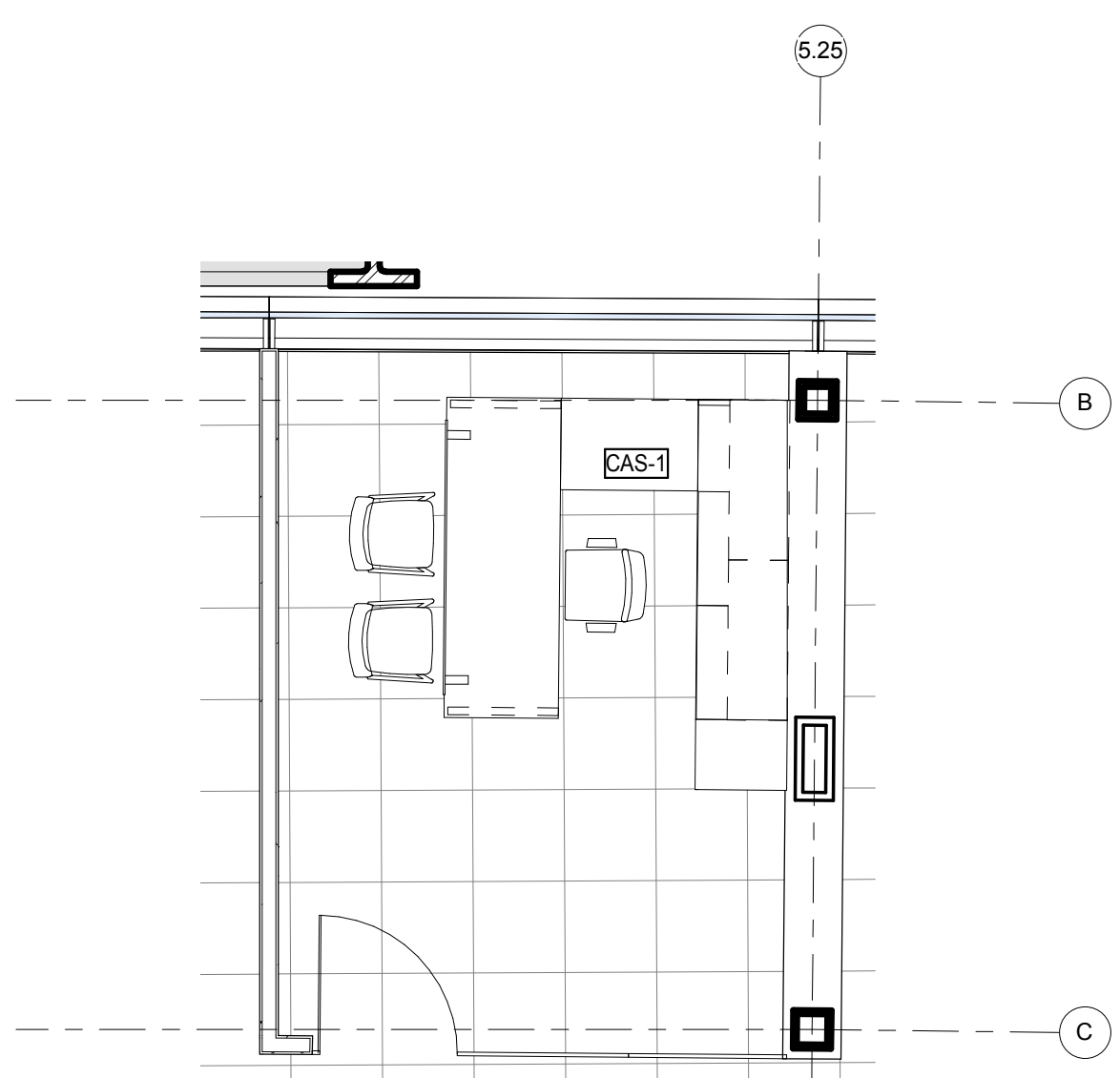
LEVEL 1- TYP. OFFICE - WEST ELEVATION
SCALE: 1/4" = 1'-0"



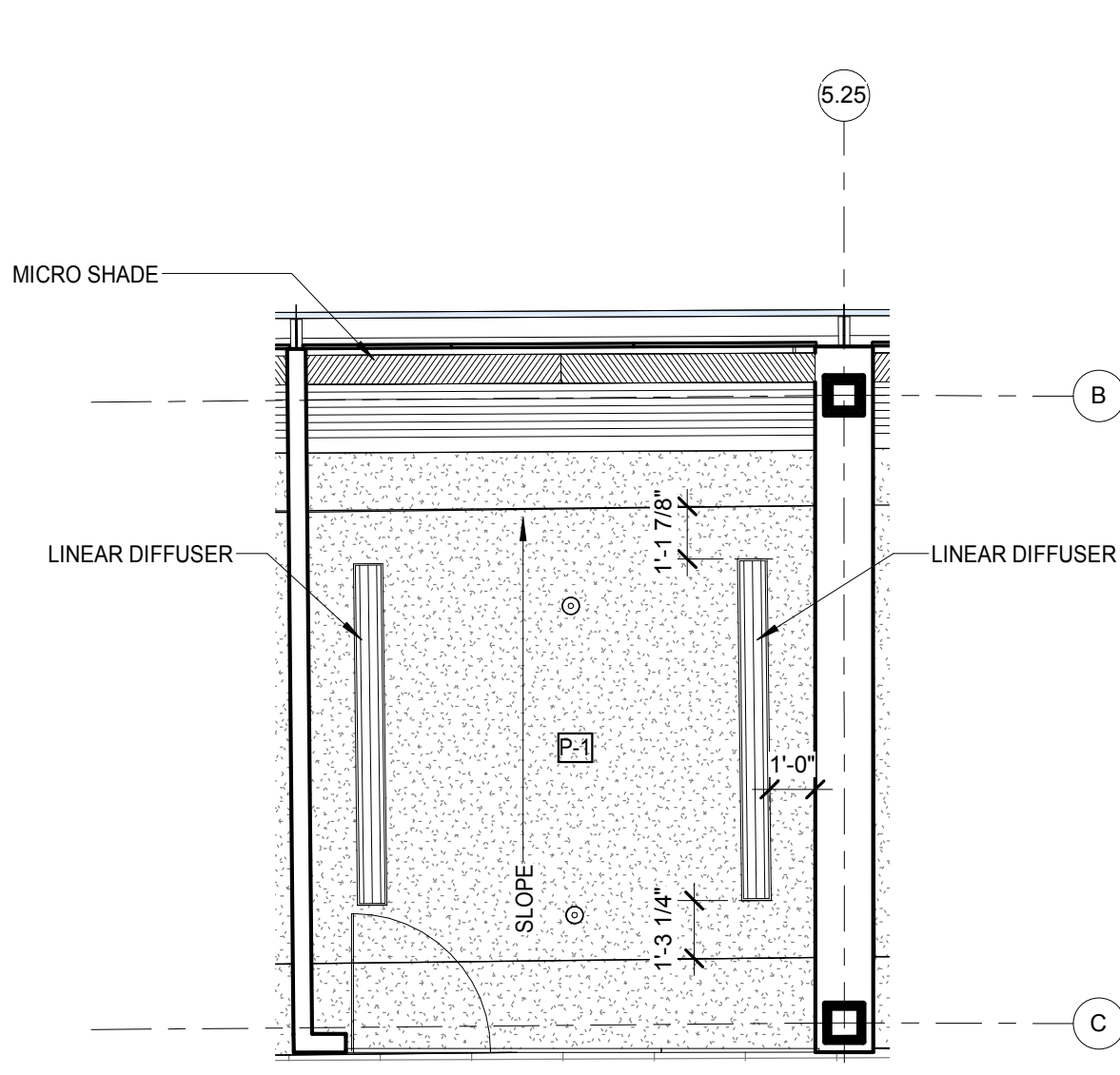
LEVEL 1- TYP. OFFICE - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



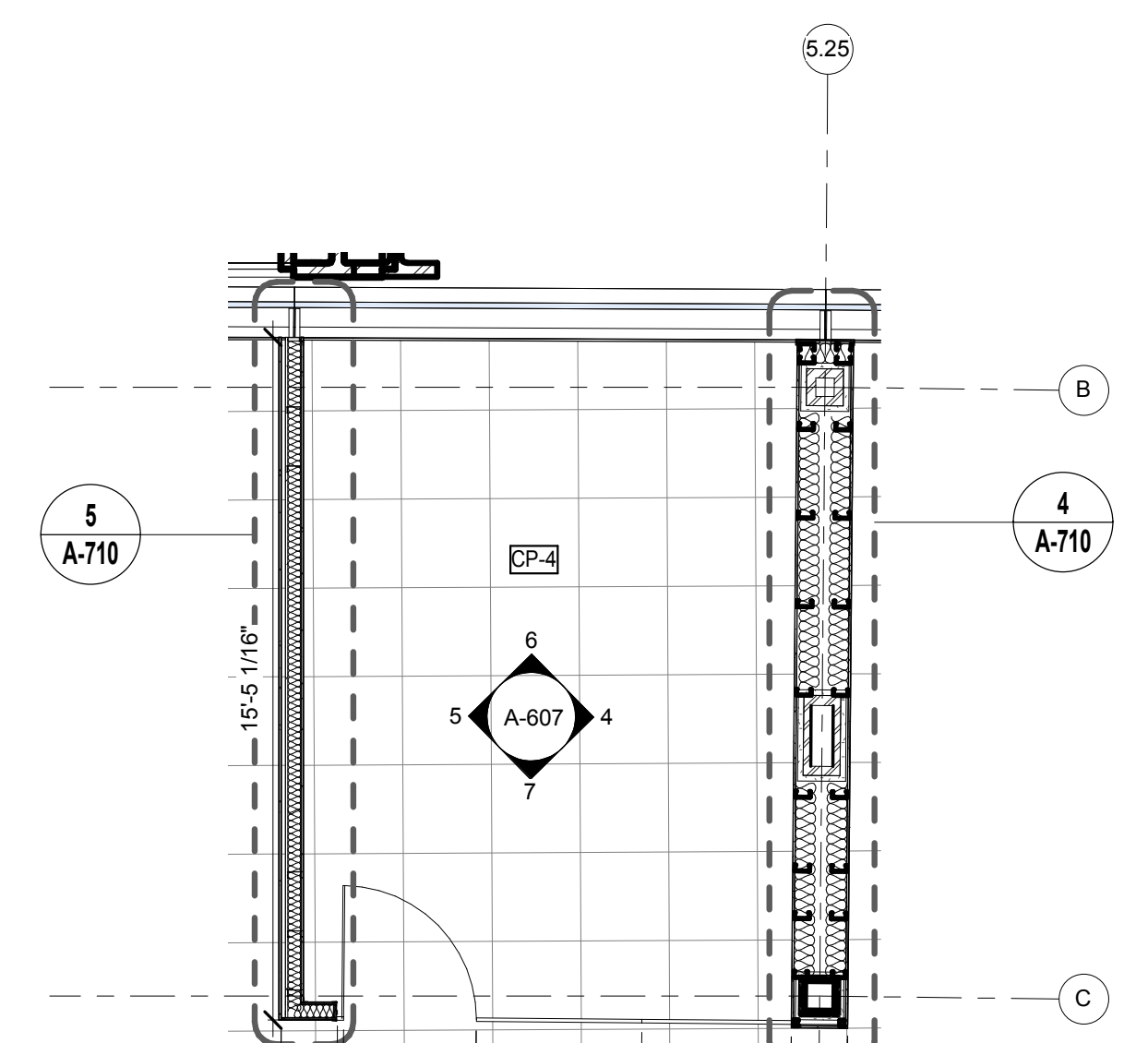
LEVEL 1- TYP. OFFICE - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



LEVEL 1- TYP. OFFICE FURNITURE PLAN
SCALE: 1/4" = 1'-0"



LEVEL 1- TYP. OFFICE REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

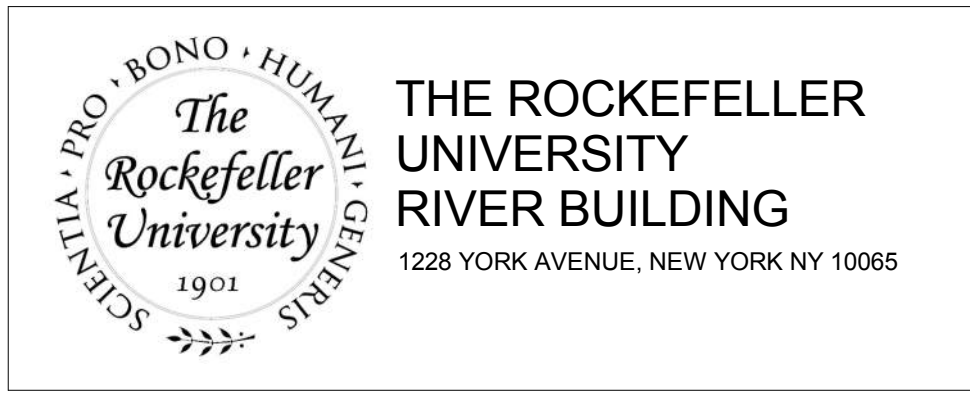


LEVEL 1- TYP. OFFICE FLOOR PLAN
SCALE: 1/4" = 1'-0"

NOTE:
1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
2) REFER TO A-820 FOR ROOM FINISHES.

NOTE:
1) ALL LOOSE FURNITURE BELOW TO THE F & E PACKAGE.
2) ALL DISPLAY/ SHELVES TO BE INCLUDED IN F&E PACKAGE.

Shauqat Shaikh
Shauqat Shaikh
Buildings
APPROVED
Under Directive 2 of 1975
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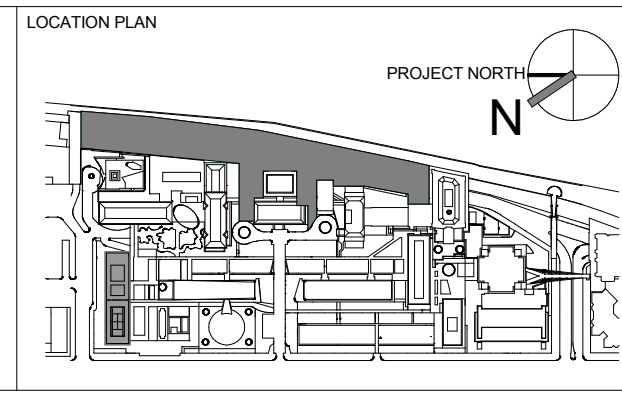
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
E	DESIGN DEVELOPMENT	04-APR-15	
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
LEVEL 1 OFFICE TYPICAL - PLANS, RCP AND ELEVATIONS

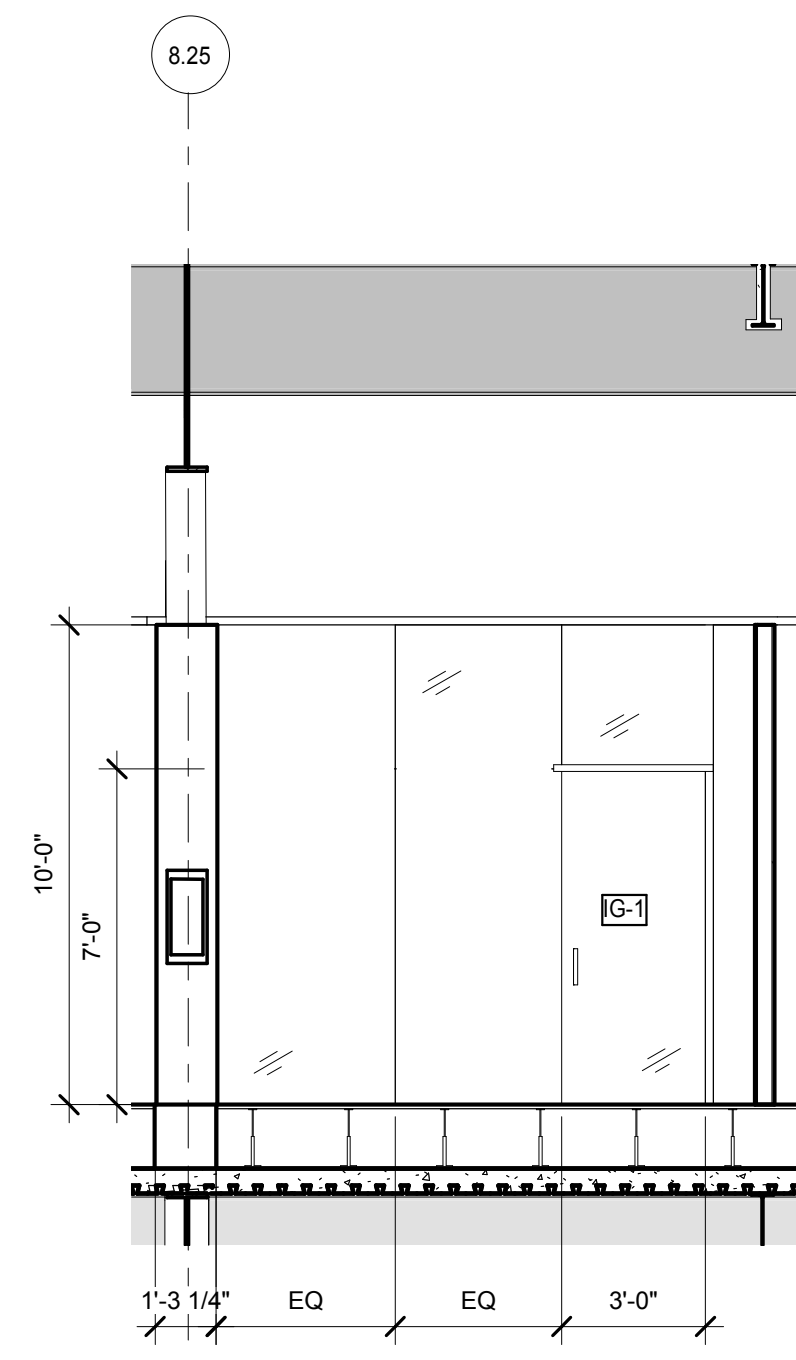
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A-607.00

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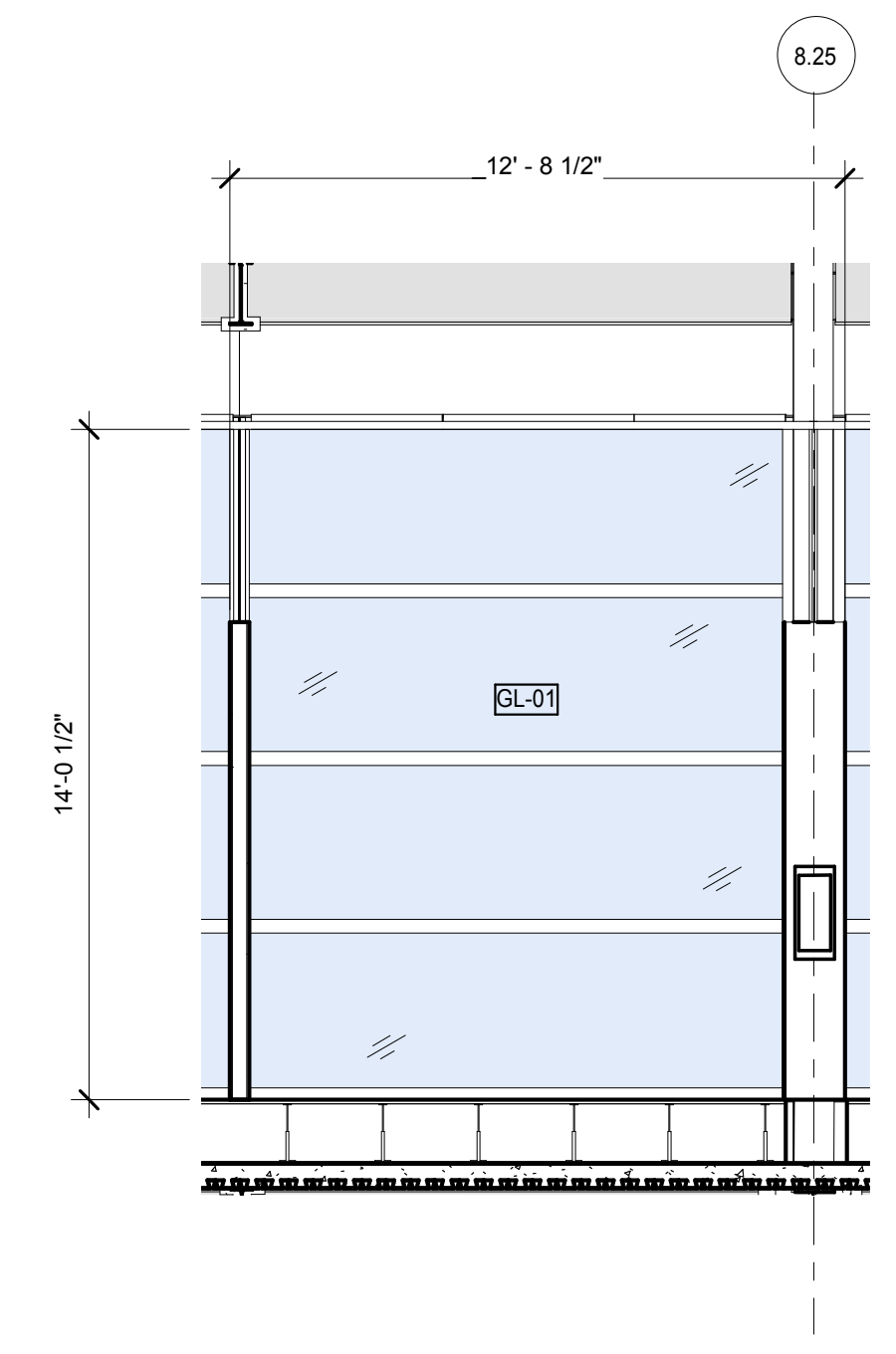
DRAWING SCALE
1/4" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

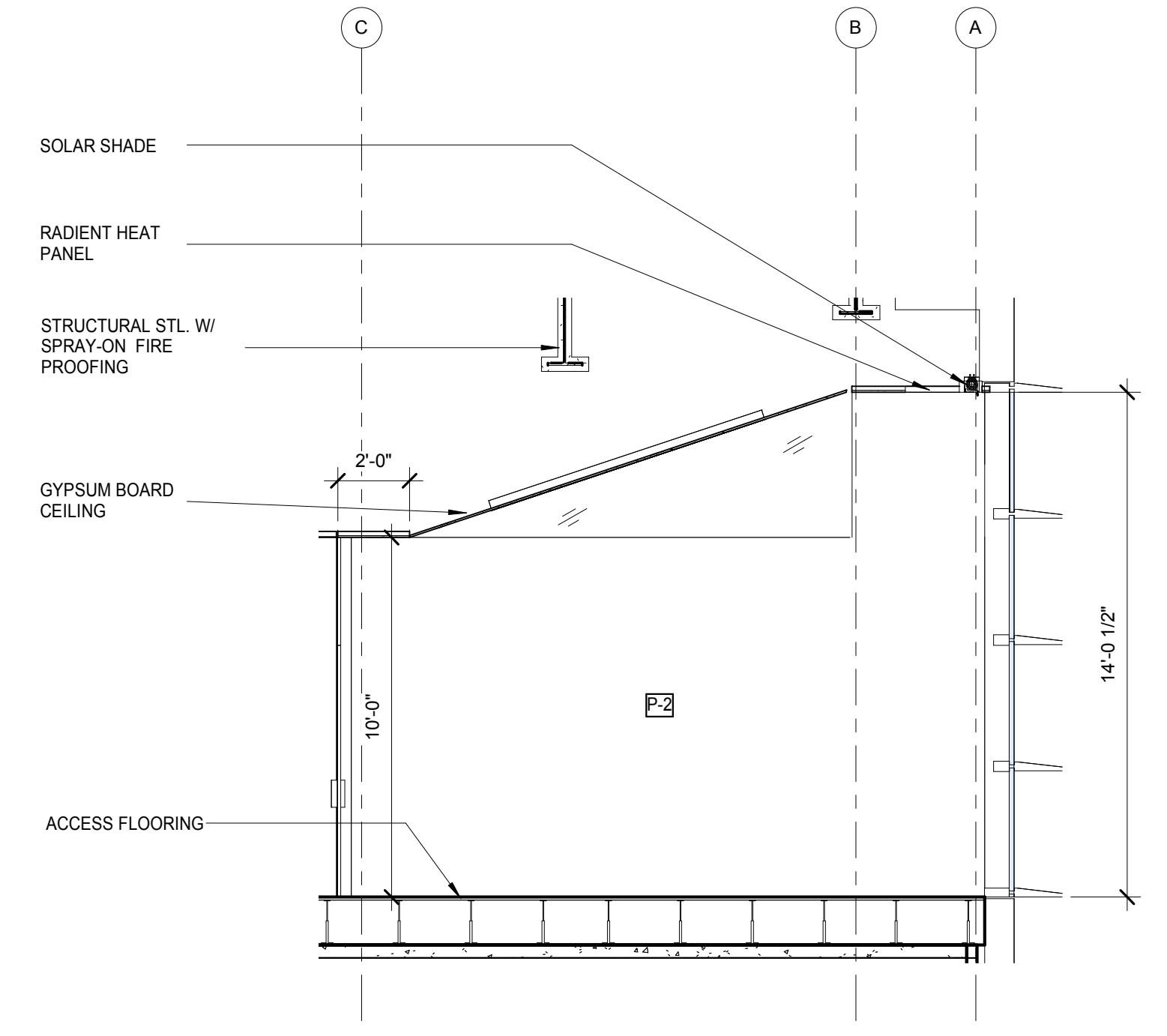
Sheet 249 of 315



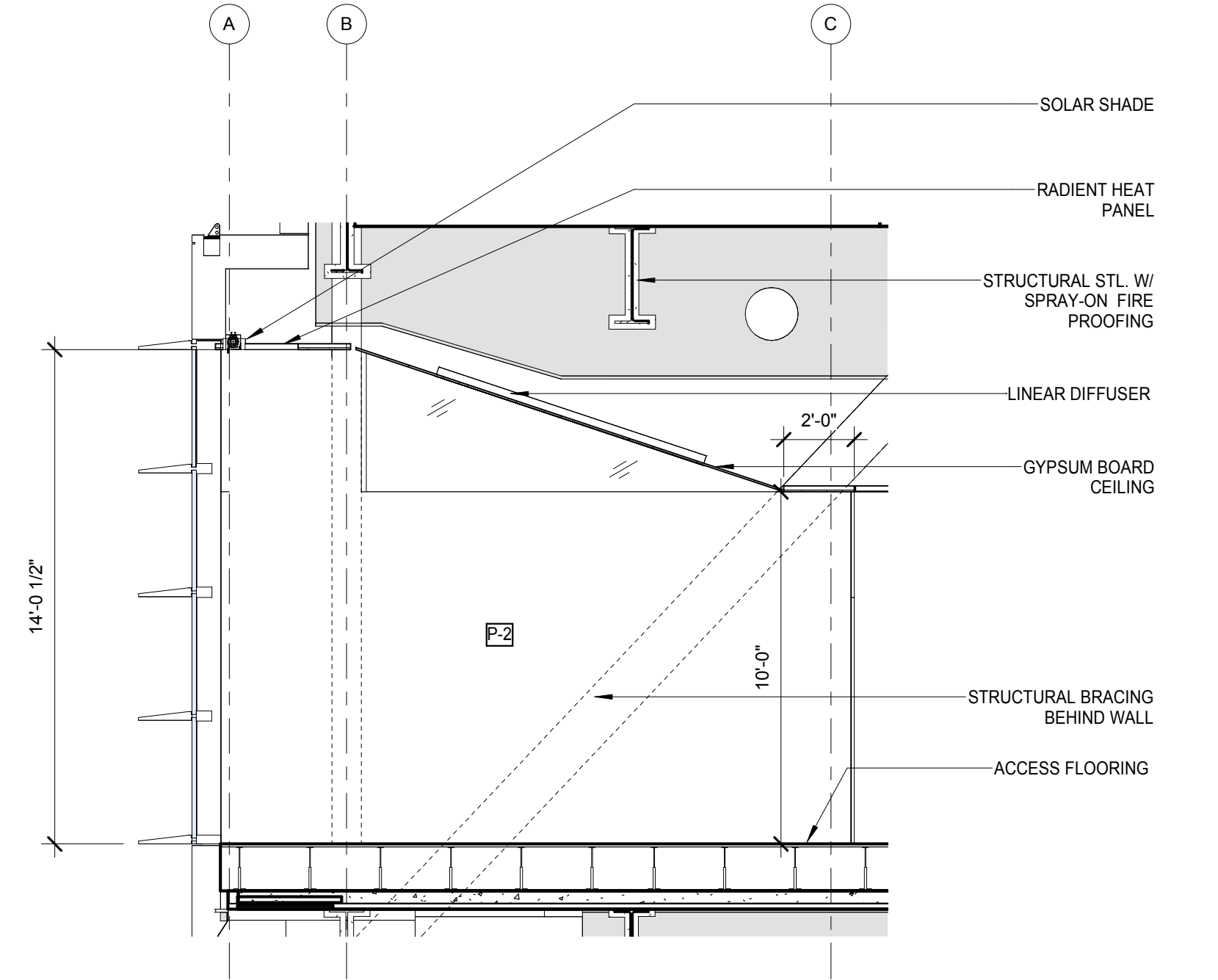
LEVEL 2 - TYP. OFFICE - WEST ELEVATION
SCALE: 1/4" = 1'-0" 7



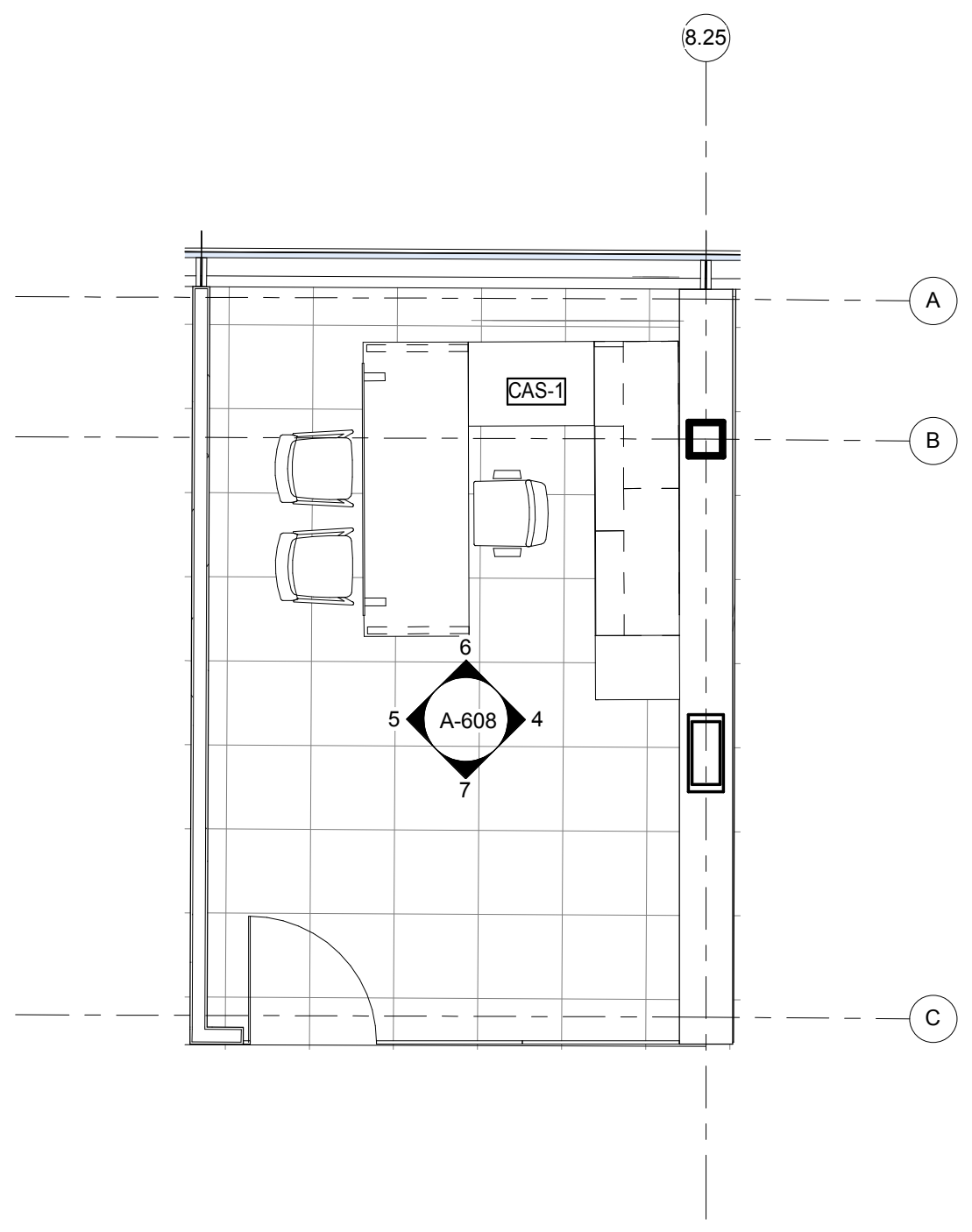
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SCALE: 1/4" = 1'-0" 6



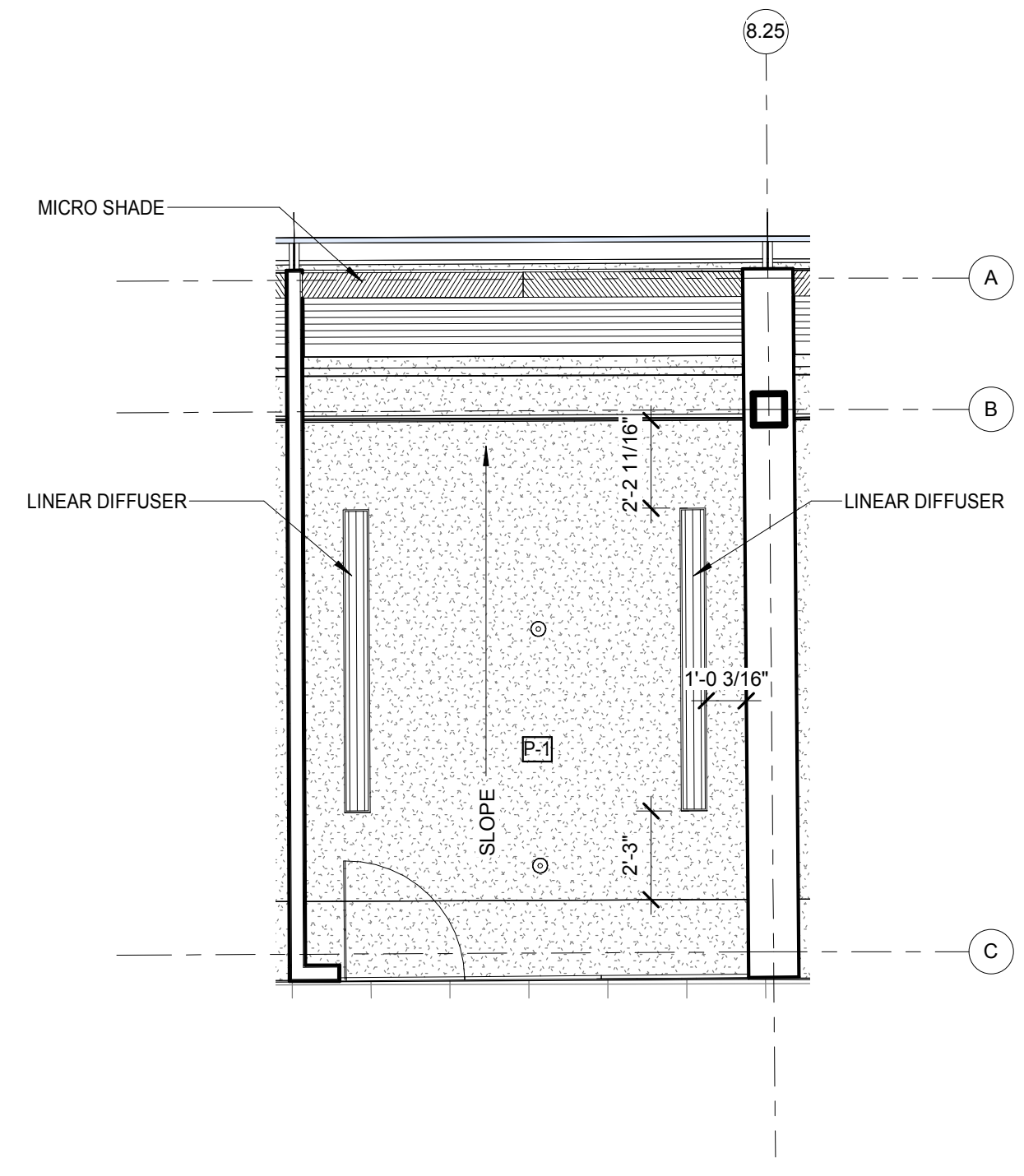
LEVEL 2 - TYP. OFFICE - NORTH ELEVATION
SCALE: 1/4" = 1'-0" 5



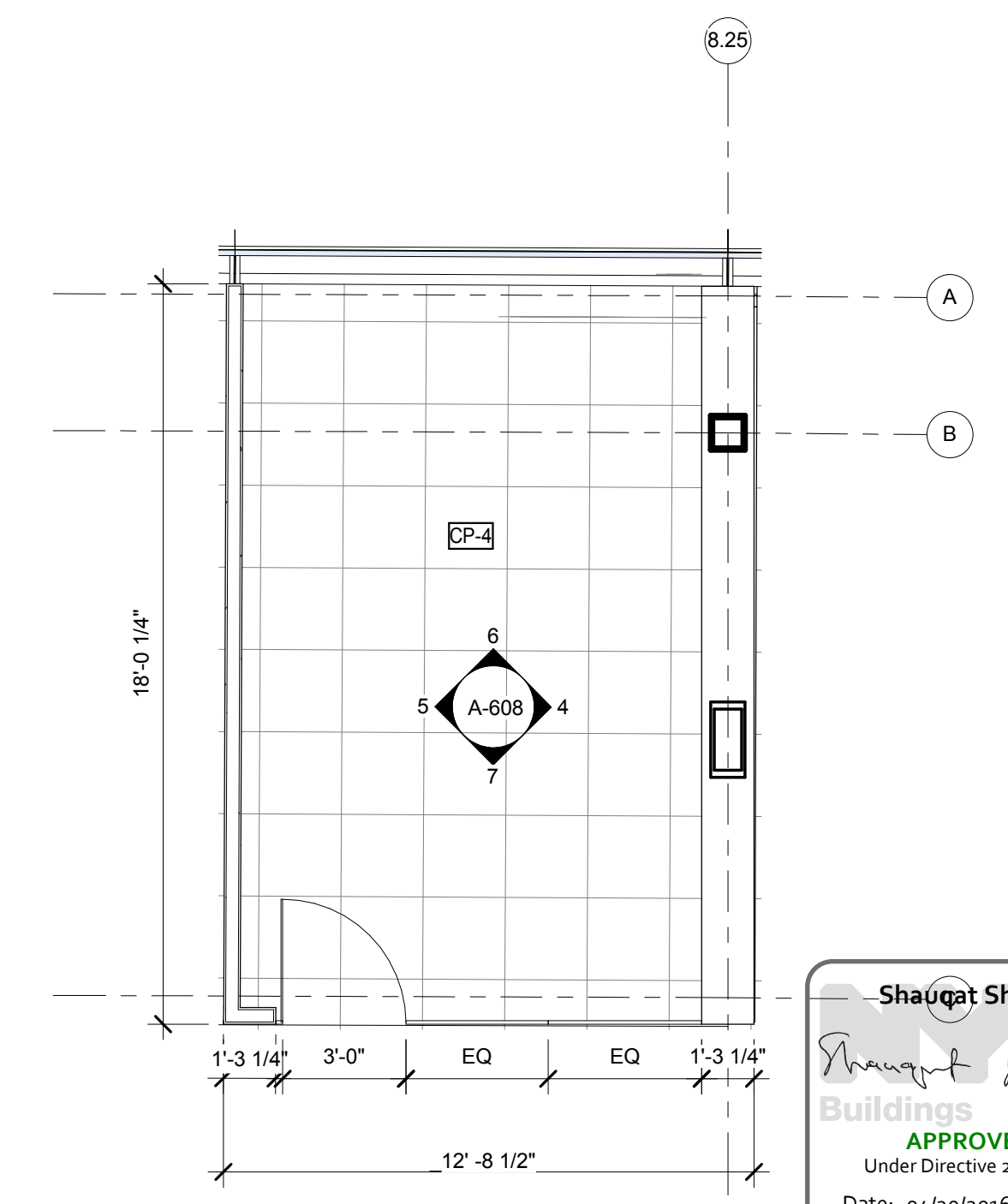
LEVEL 2 - TYP. OFFICE - SOUTH ELEVATION
SCALE: 1/4" = 1'-0" 4



LEVEL 2 - TYP. OFFICE FURNITURE PLAN
SCALE: 1/4" = 1'-0" 3



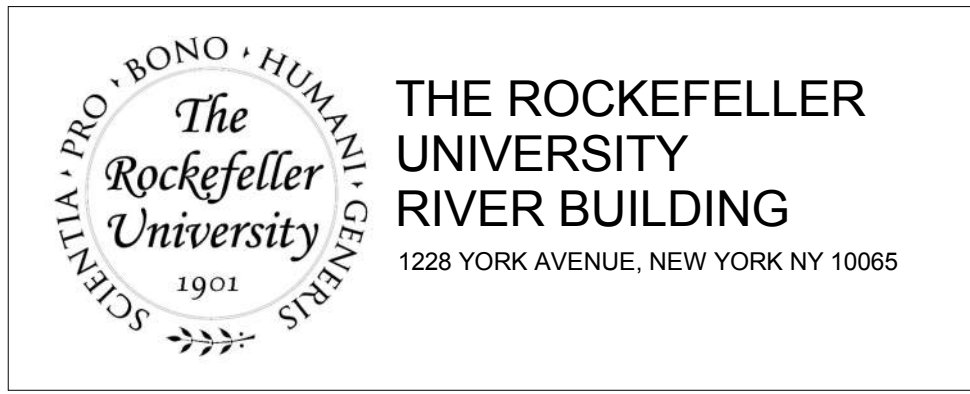
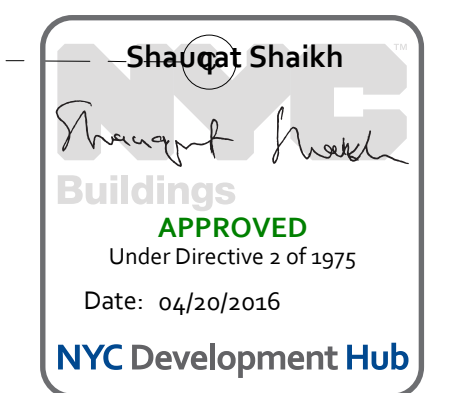
LEVEL 2 - TYP. OFFICE REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0" 2



LEVEL 2 - TYP. OFFICE FLOOR PLAN
SCALE: 1/4" = 1'-0" 1

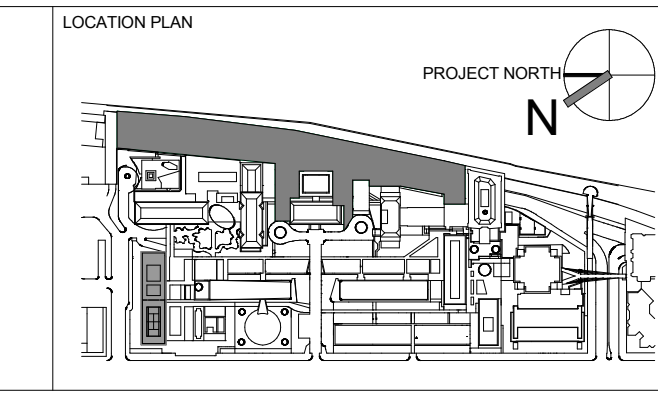
NOTE:
1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
2) REFER TO A-820 FOR ROOM FINISHES.

NOTE:
1) ALL LOOSE FURNITURE BELOW TO THE F & E PACKAGE.
2) ALL DISPLAY/ SHELVES TO BE INCLUDED IN F&E PACKAGE.



ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.
CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 156 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790	SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248

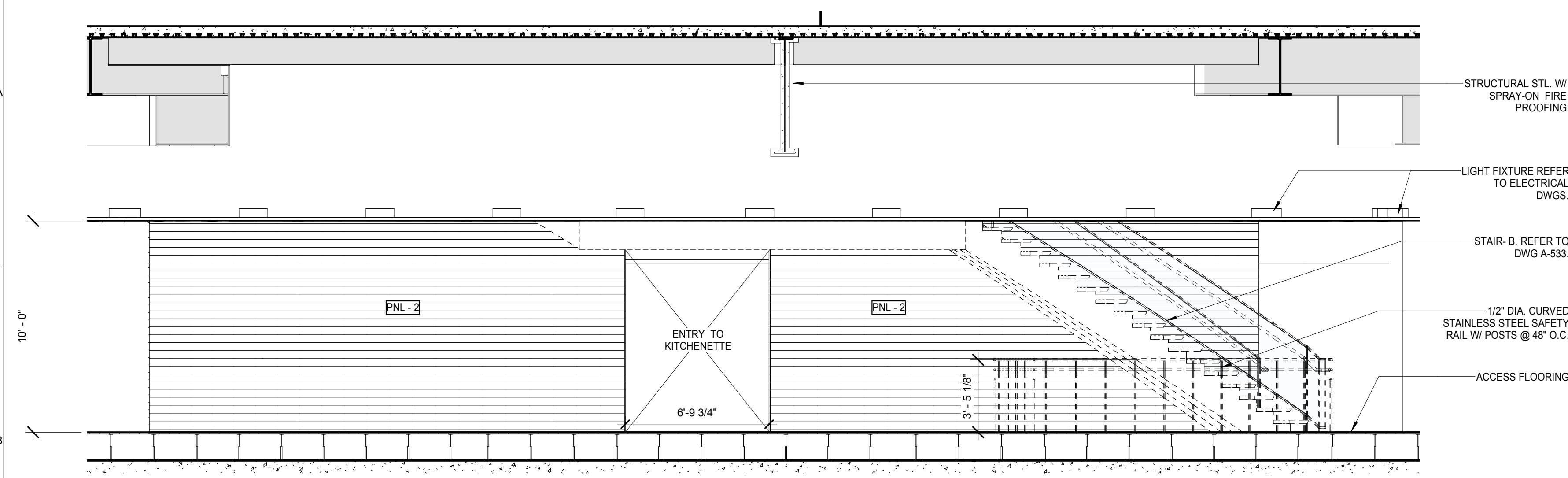
ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
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T	DOB SUBMISSION -RB	16-DEC-15		

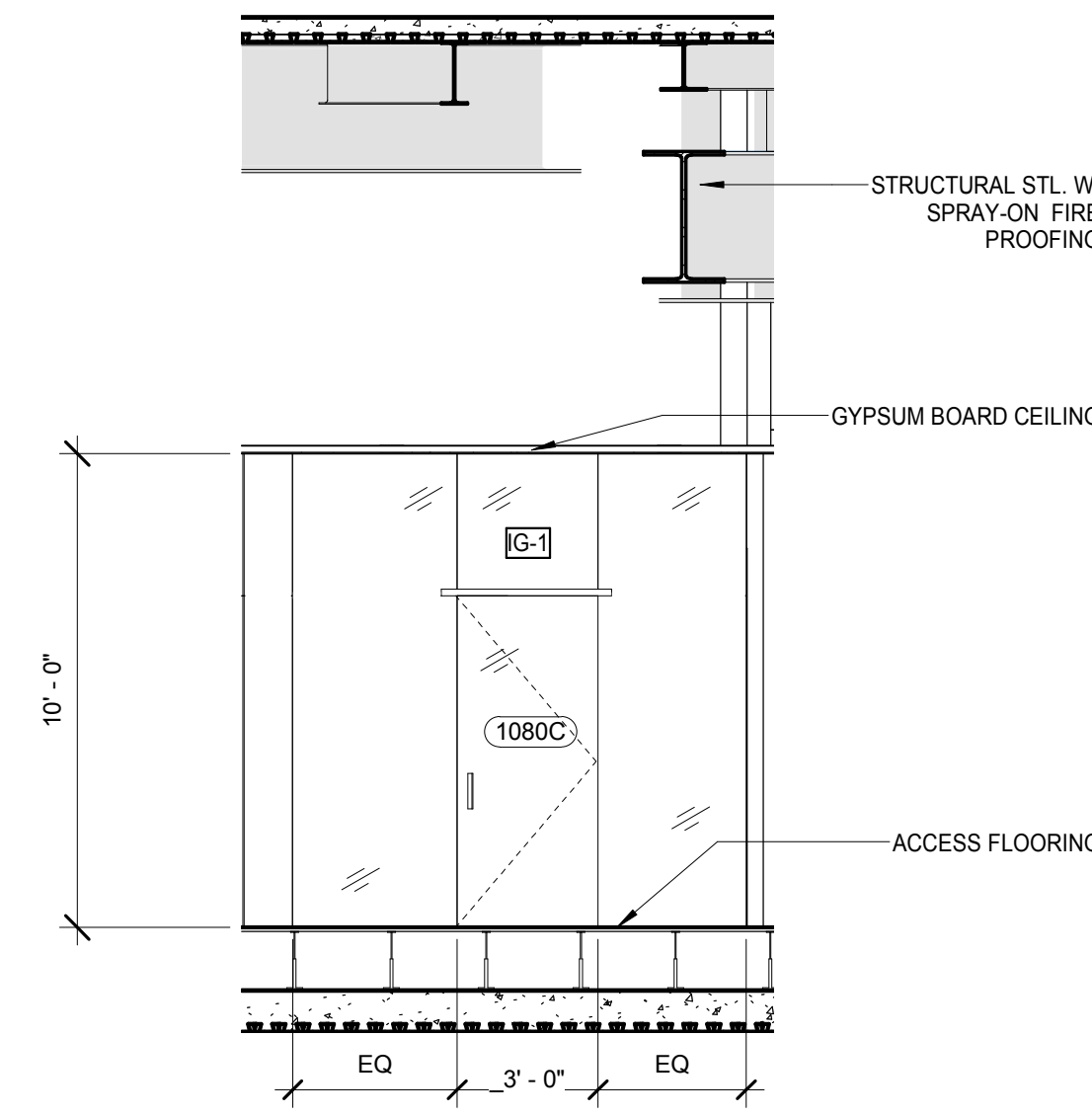
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NOTE:
 1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
 2) REFER TO A-820 FOR ROOM FINISHES.



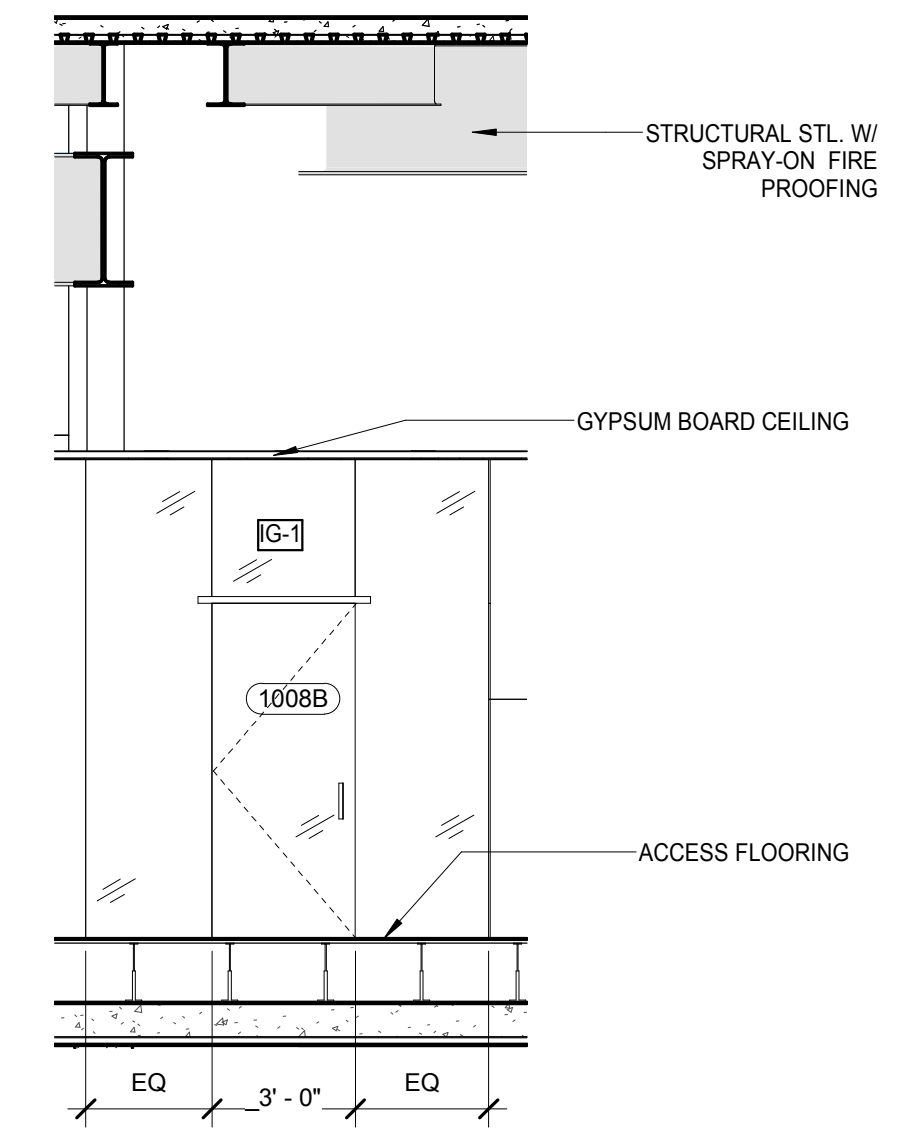
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 SCALE: 1/4" = 1'-0"

6



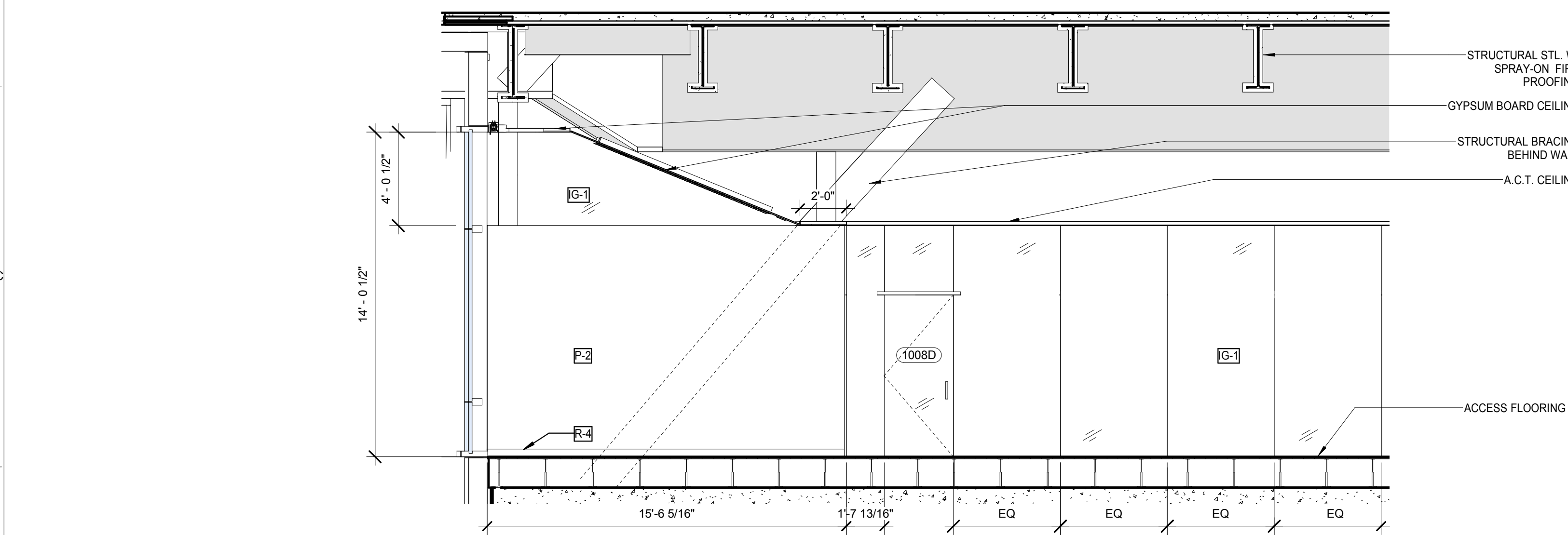
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 SCALE: 1/4" = 1'-0"

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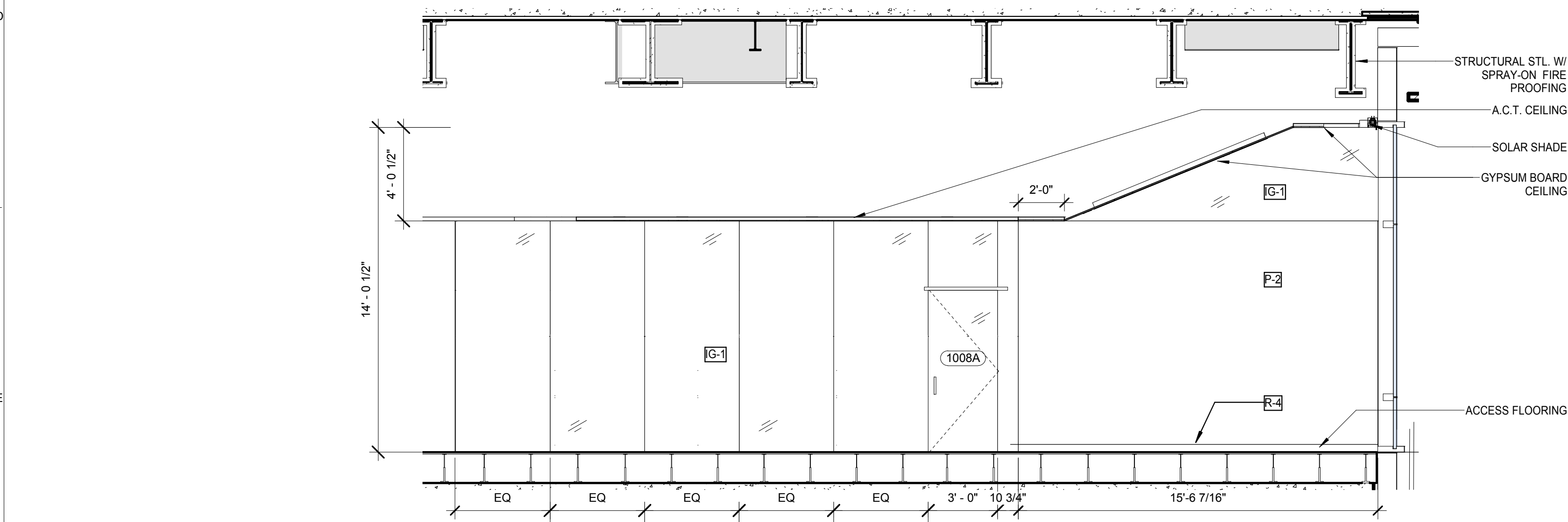
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 SCALE: 1/4" = 1'-0"

4



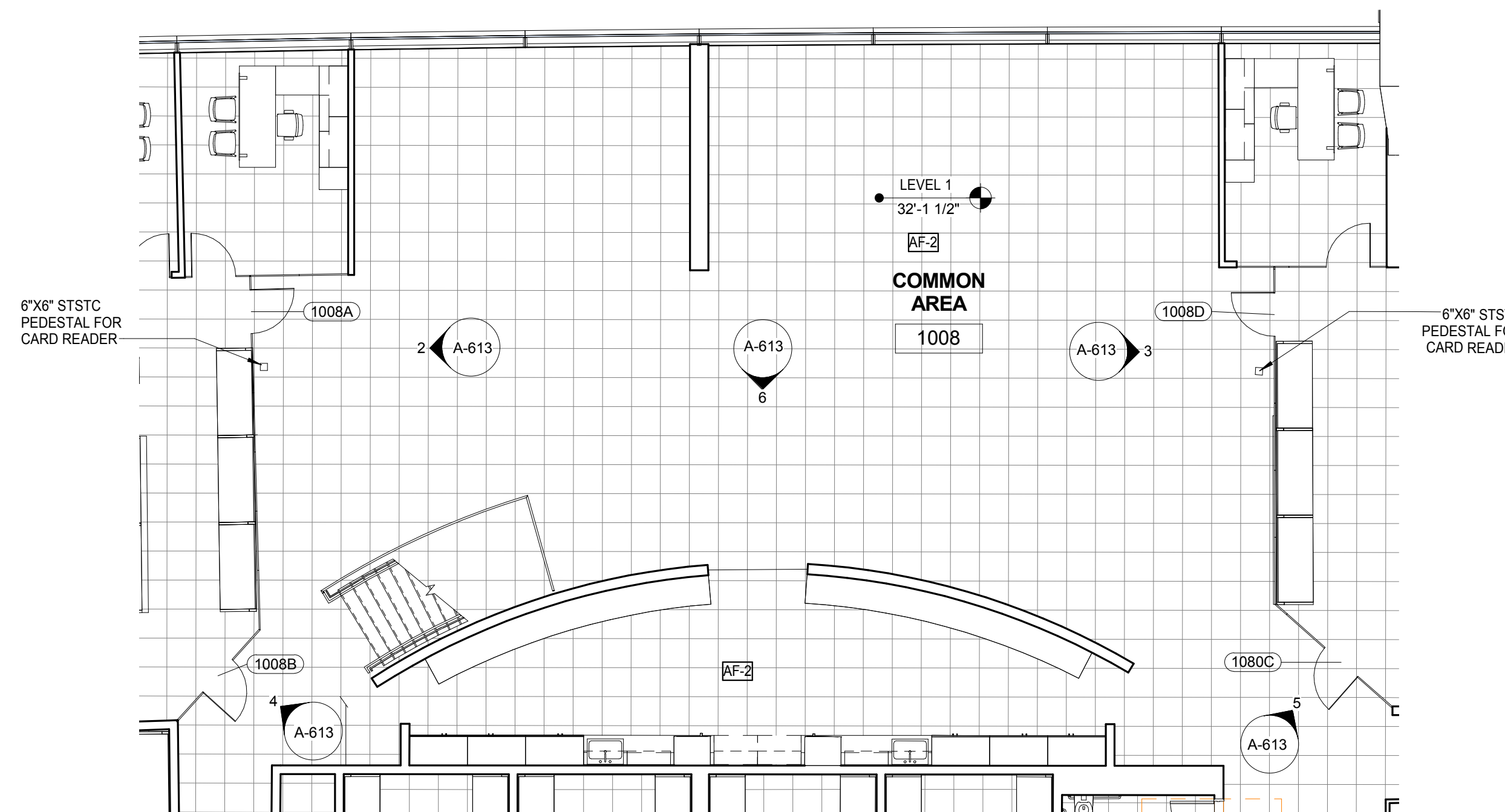
LEVEL 1 COMMON AREA ELEVATION 02
 SCALE: 1/4" = 1'-0"

3



LEVEL 1 COMMON AREA ELEVATION 01
 SCALE: 1/4" = 1'-0"

2



LEVEL 1 FLEXIBLE COMMON AREA ENLARGED PLAN
 SCALE: 1/8" = 1'-0"

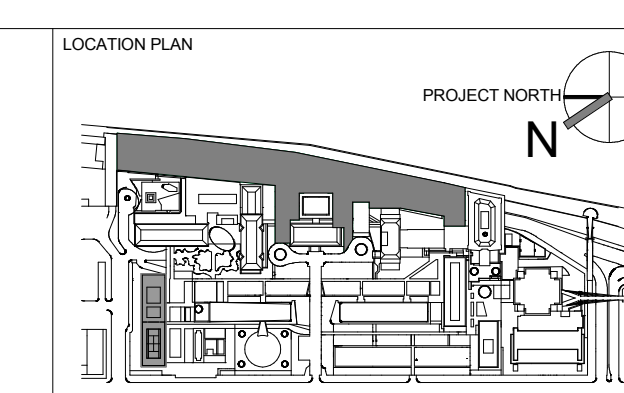
1

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THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 106 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER / ENGINEER SEAL THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.
CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 156 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790	SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248

ARCHITECT / ENGINEER SEAL (Seal area)



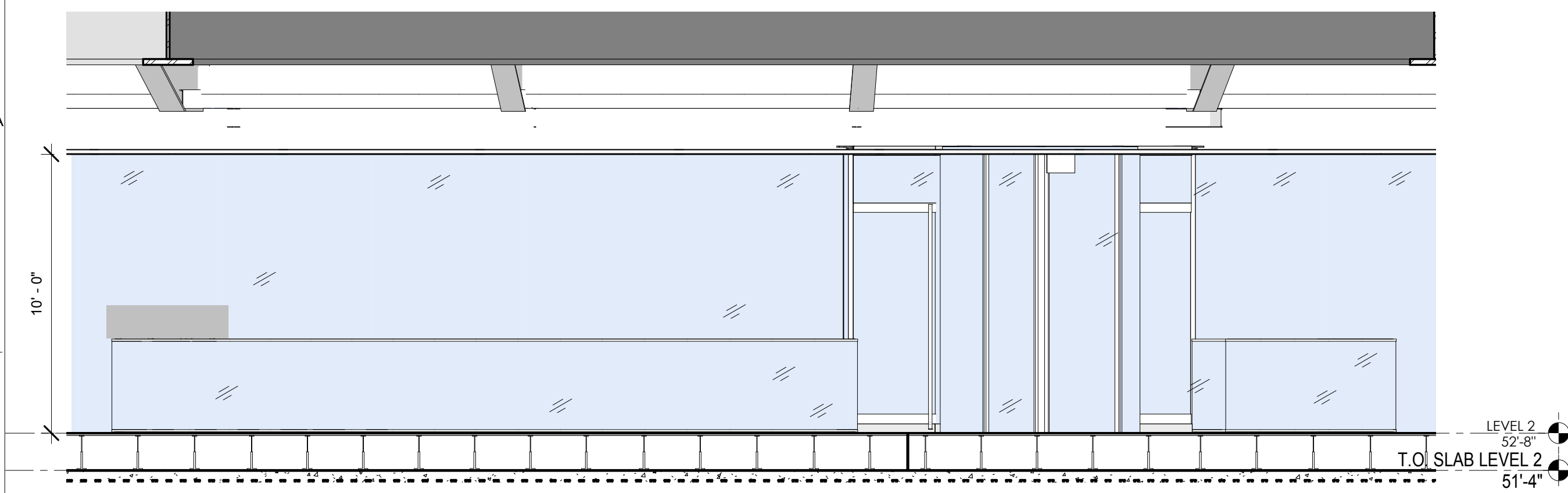
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1	PROGRESS SET	30-OCT-15	664.100	COMMON AREA - ELEVATIONS
2	DOB SUBMISSION -RB	16-DEC-15		

COMMON AREA - ELEVATIONS

DRAWING SIZE: 24" x 36"
 DRAWING SCALE: As Indicated
 PROJECT PHASE: CONSTRUCTION DOCUMENTS

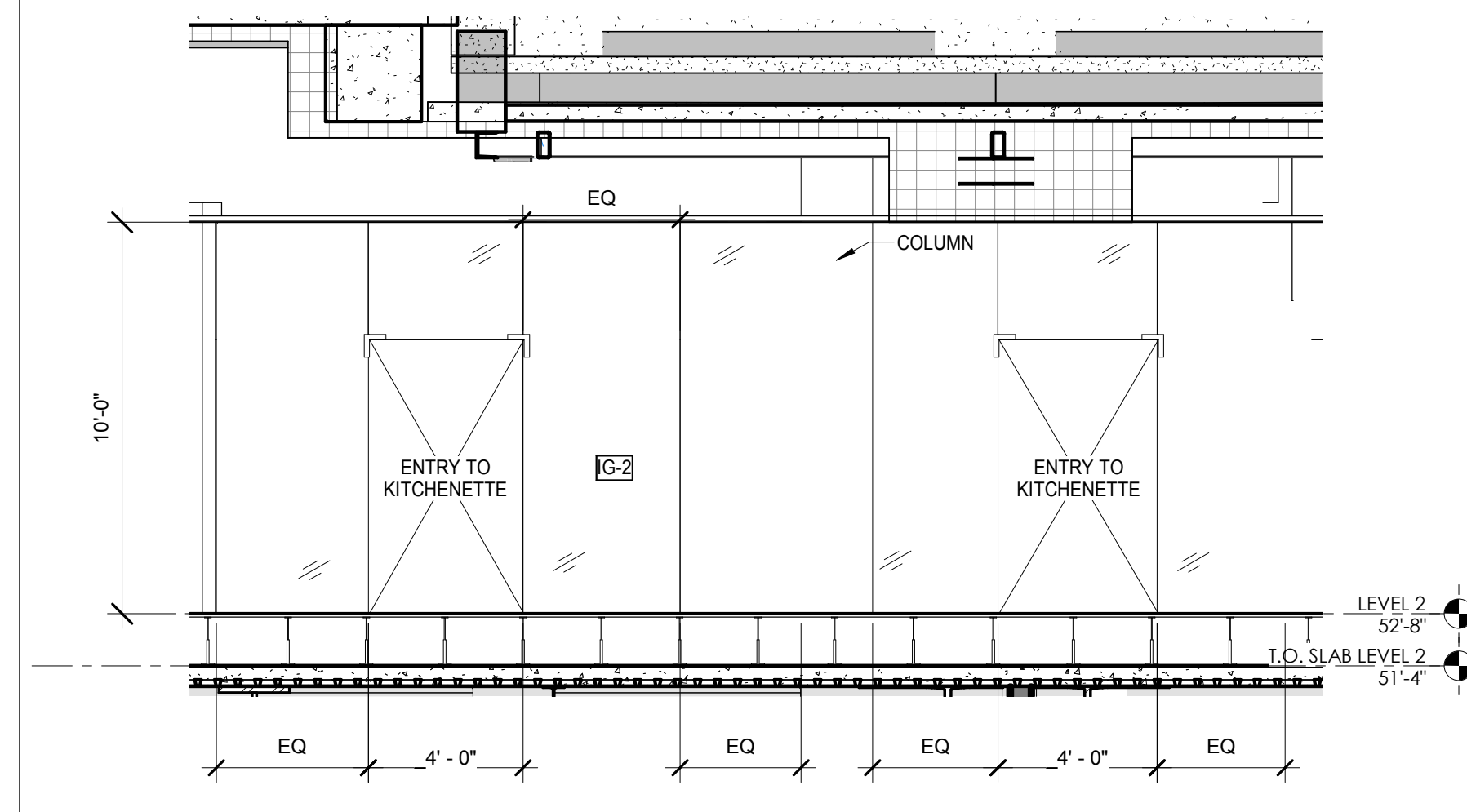
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 Sheet 251 of 315

NOTE:
 1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
 2) REFER TO A-820 FOR ROOM FINISHES.



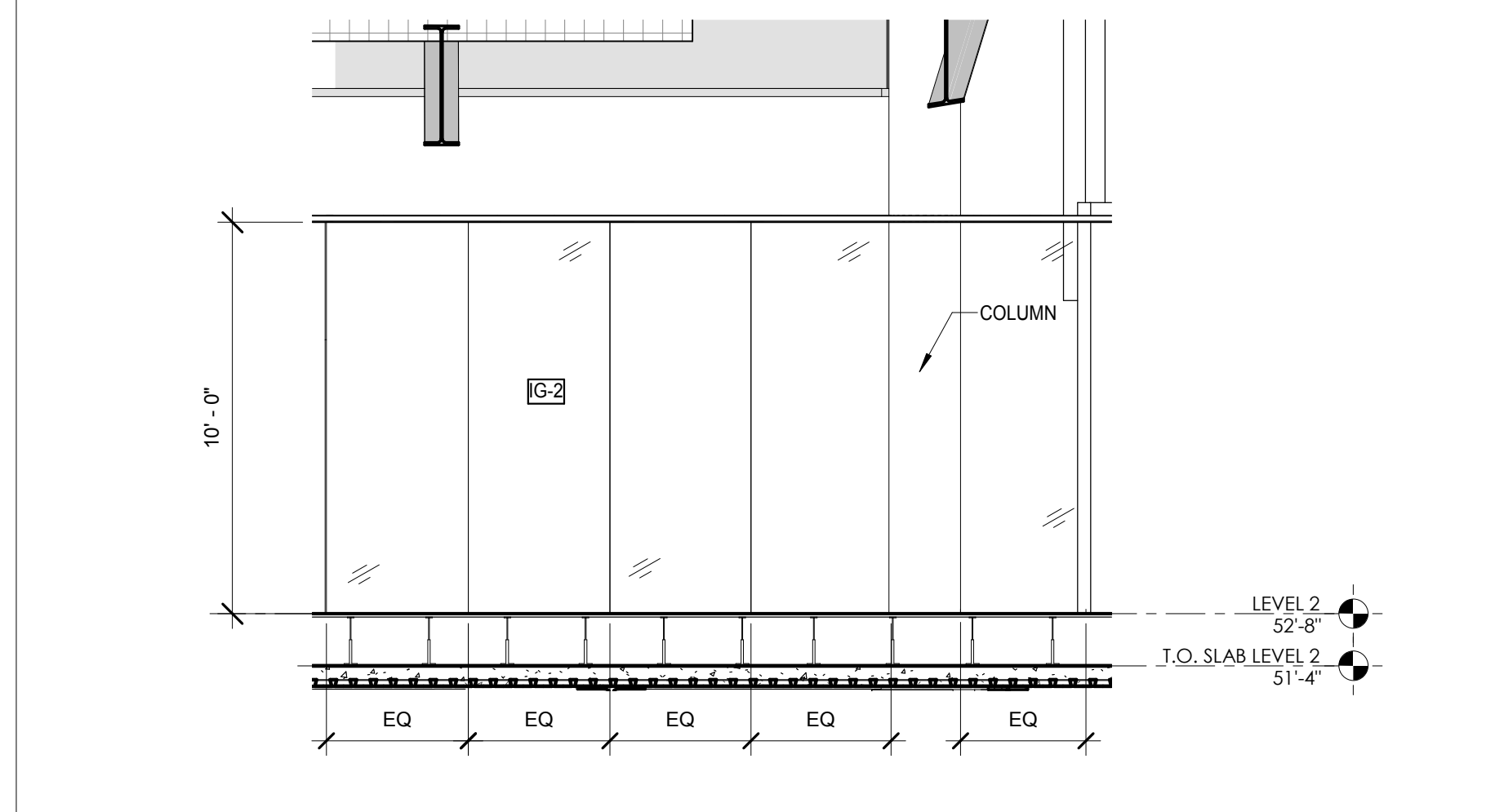
LEVEL 2 COMMON AREA ELEVATION 05
 SCALE: 1/4" = 1'-0"

6



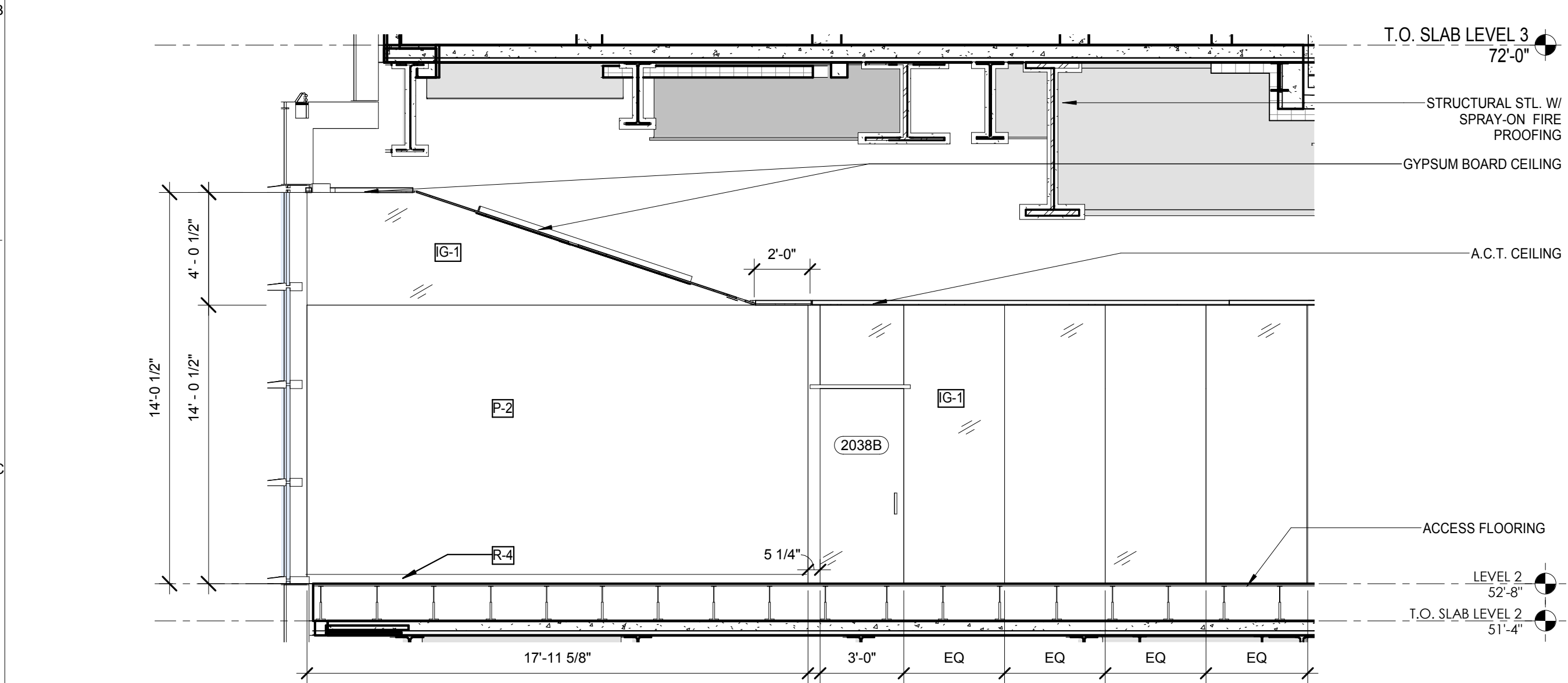
LEVEL 2 COMMON AREA ELEVATION 01
 SCALE: 1/4" = 1'-0"

2



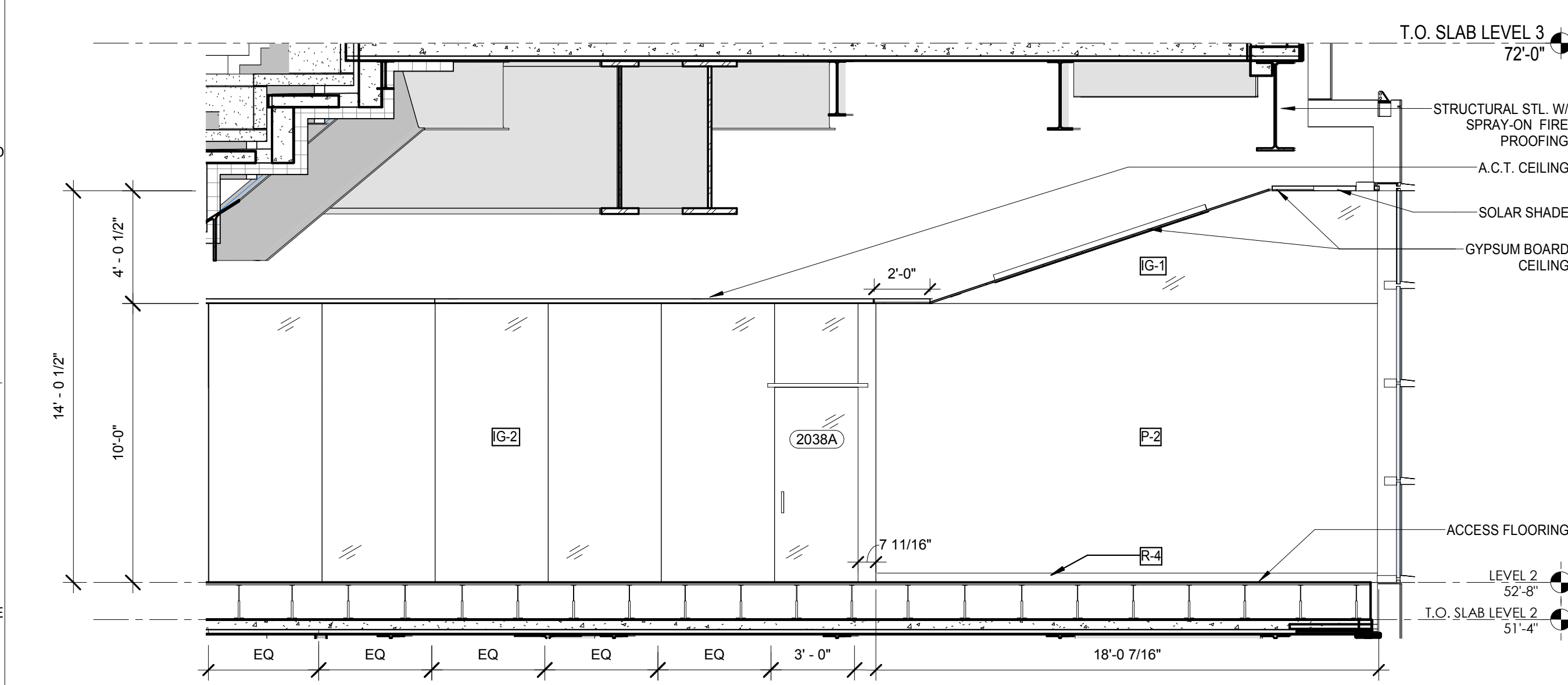
LEVEL 2 COMMON AREA ELEVATION 04
 SCALE: 1/4" = 1'-0"

5



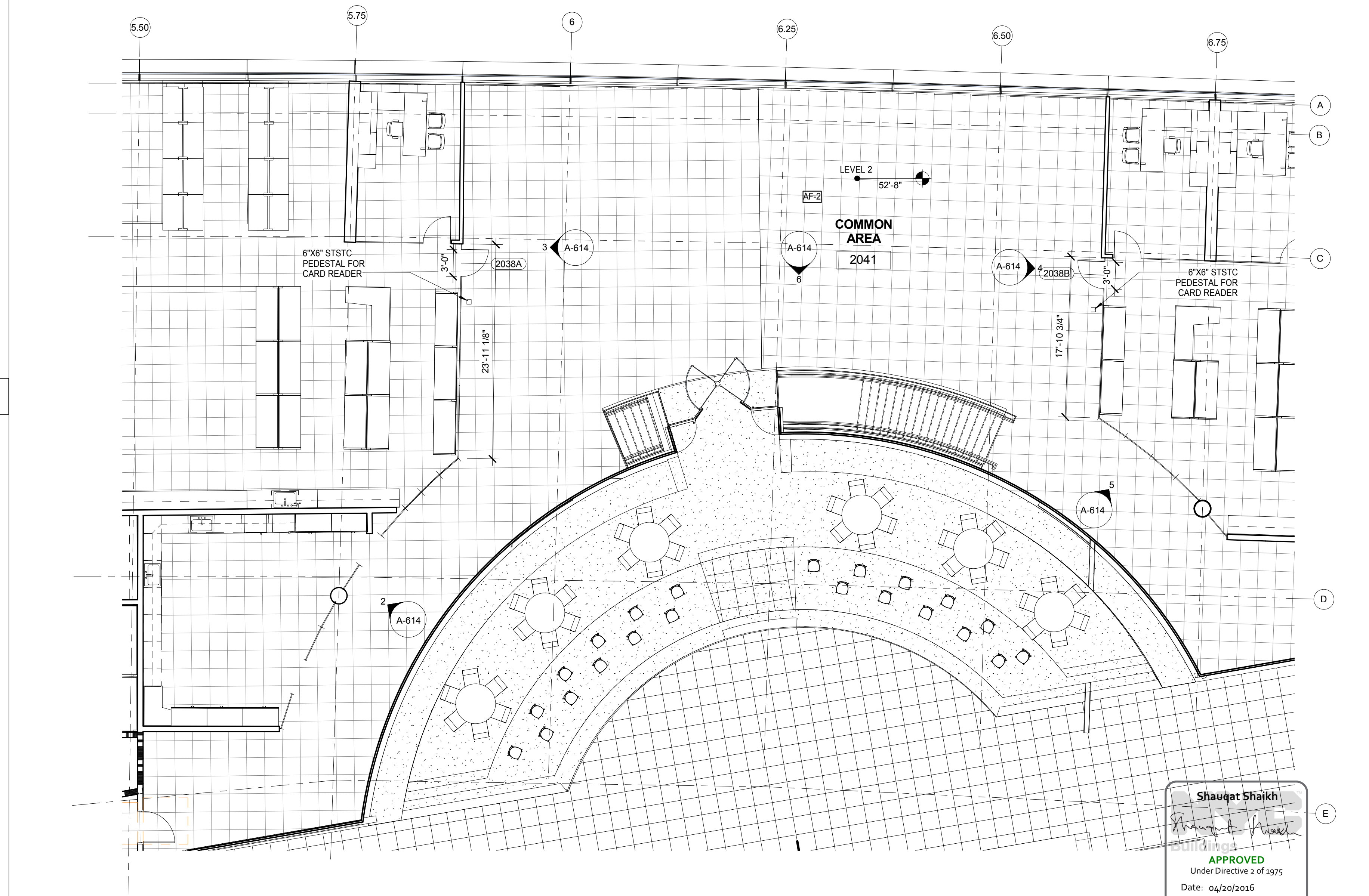
LEVEL 2 COMMON AREA ELEVATION 03
 SCALE: 1/4" = 1'-0"

4



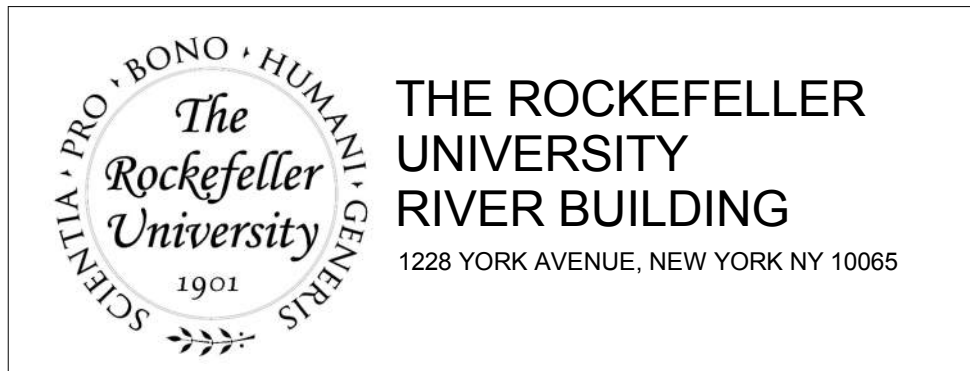
LEVEL 2 COMMON AREA ELEVATION 02
 SCALE: 1/4" = 1'-0"

3



LEVEL 2 COMMON AREA ENLARGED PLAN
 SCALE: 1/8" = 1'-0"

1



ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

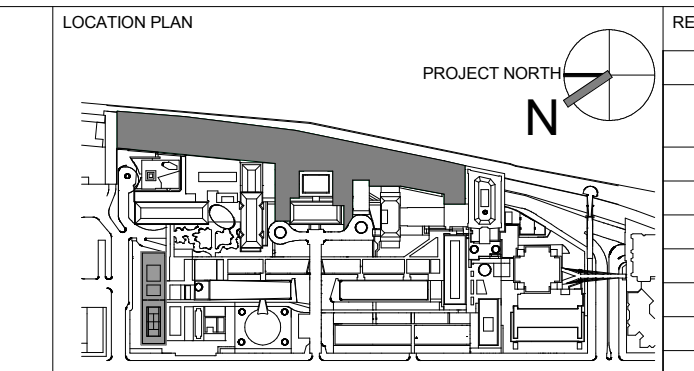
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
 NEW YORK, NY 10016
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INTERIOR LIGHTING DESIGNER
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 NEW YORK, NY 10018
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SPECIFICATION CONSULTANT
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
COMMON AREA - ELEVATIONS

DRAWING NUMBER
A-614.00

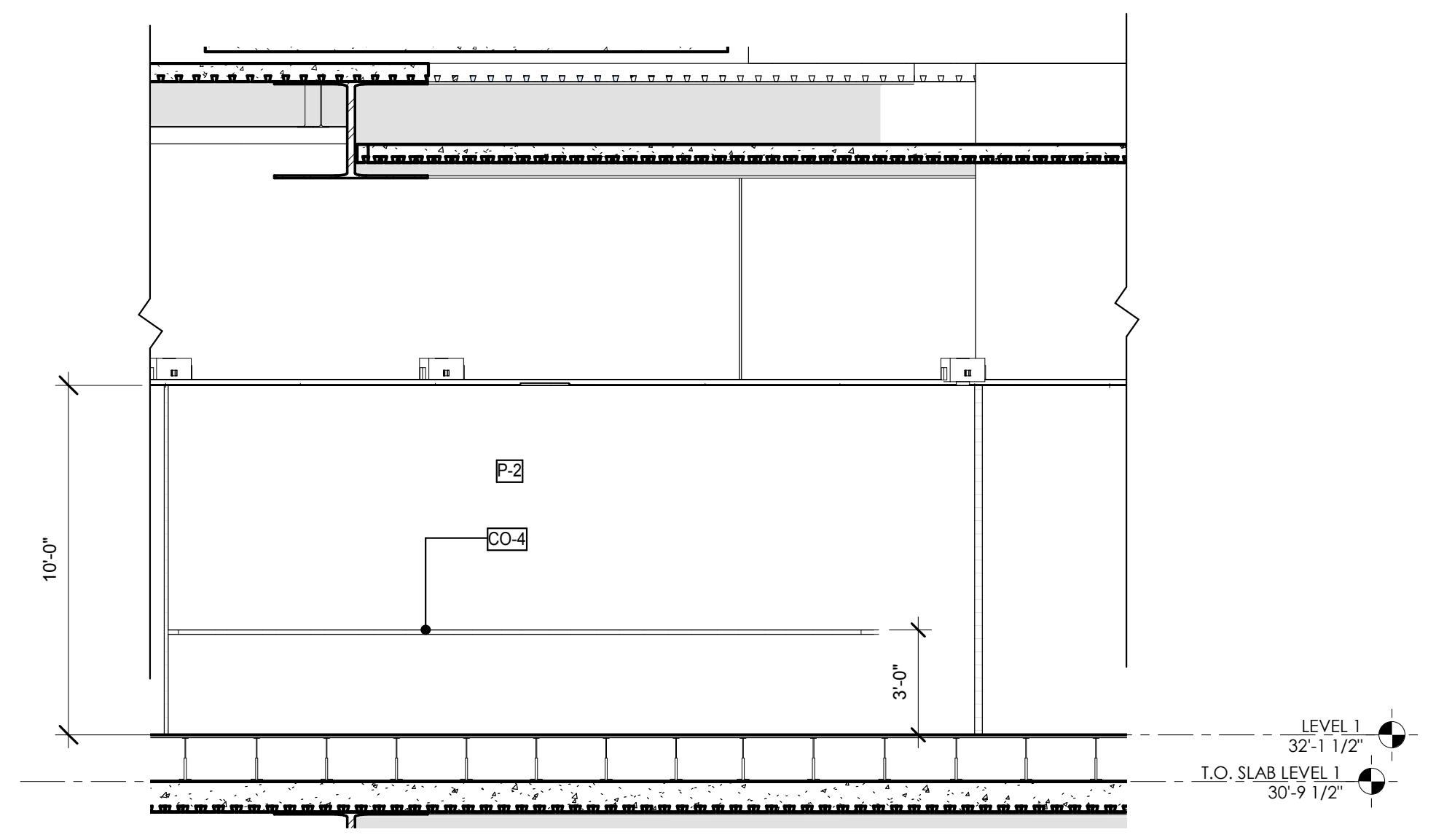
DRAWING SCALE
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PROJECT PHASE
 CONSTRUCTION DOCUMENTS

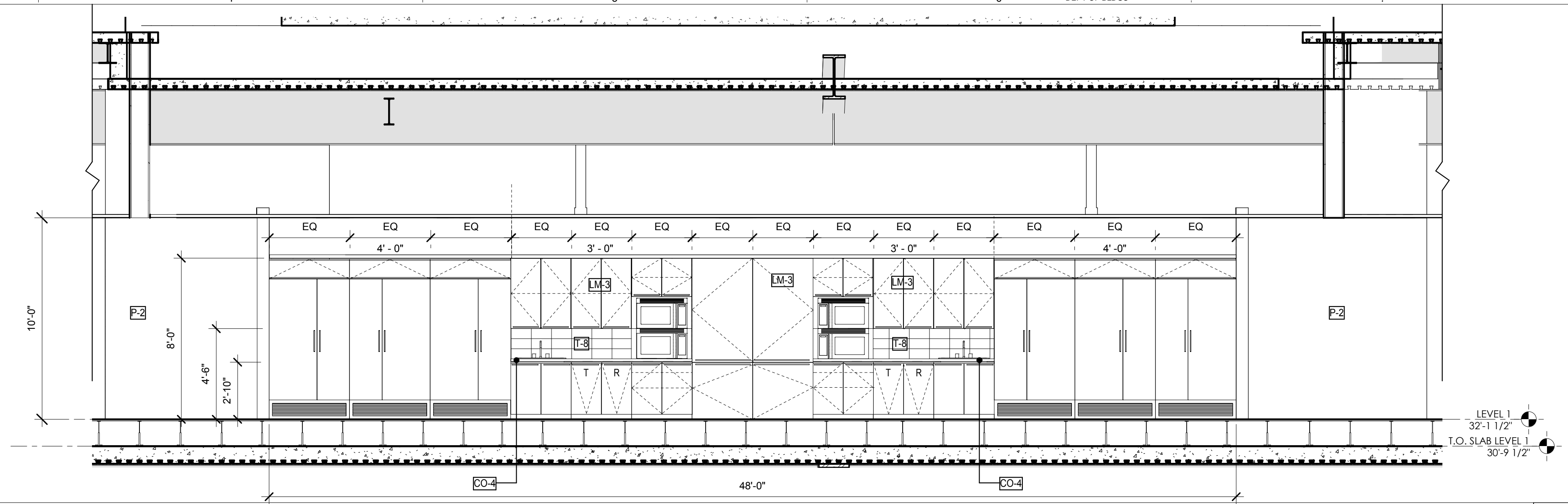
DATE
 04/30/2016

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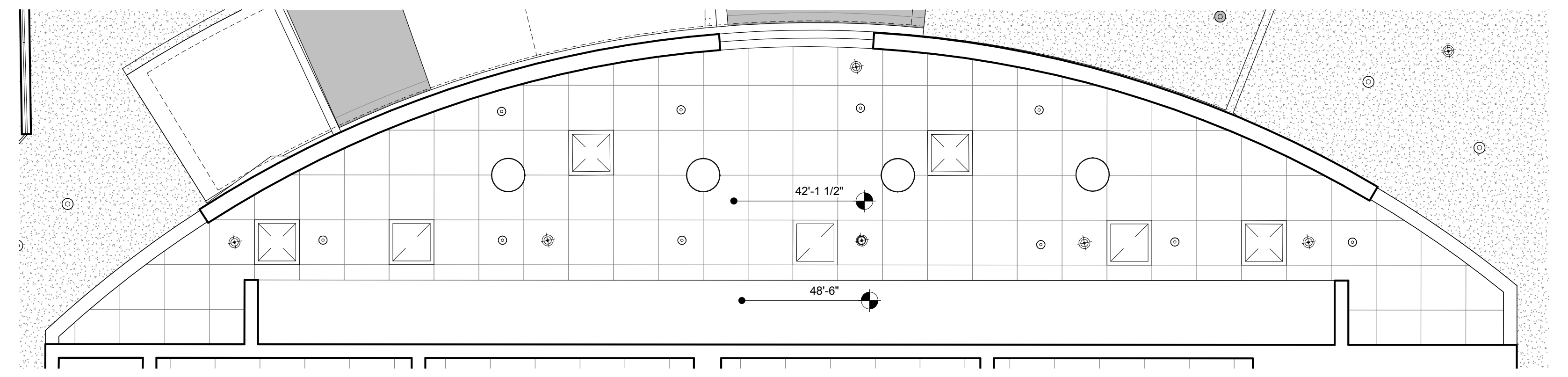
NOTE:
 1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
 2) REFER TO A-820 FOR ROOM FINISHES.



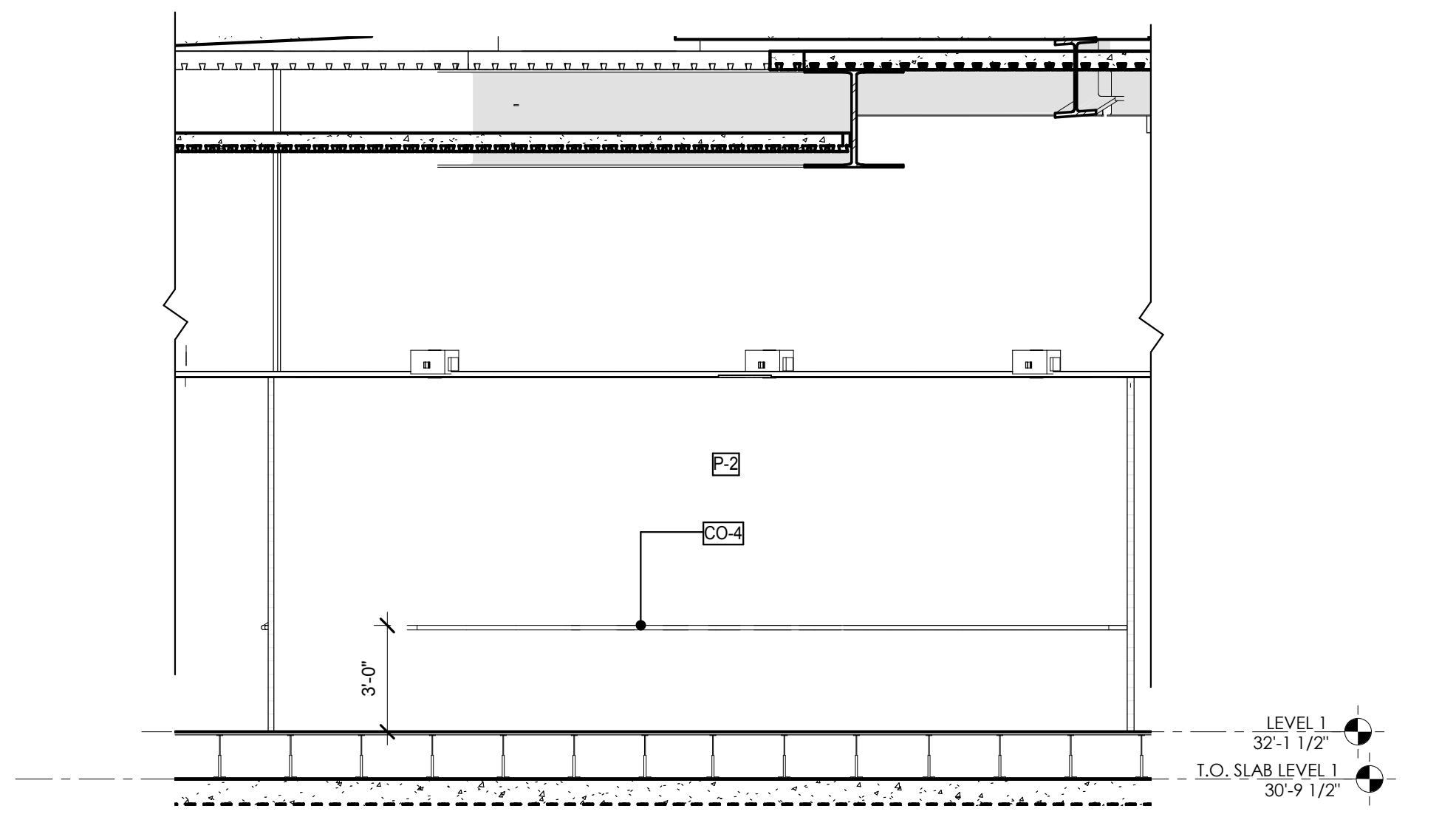
LEVEL 1 KITCHENETTE ELEVATION 03
 SCALE: 1/4" = 1'-0" 5



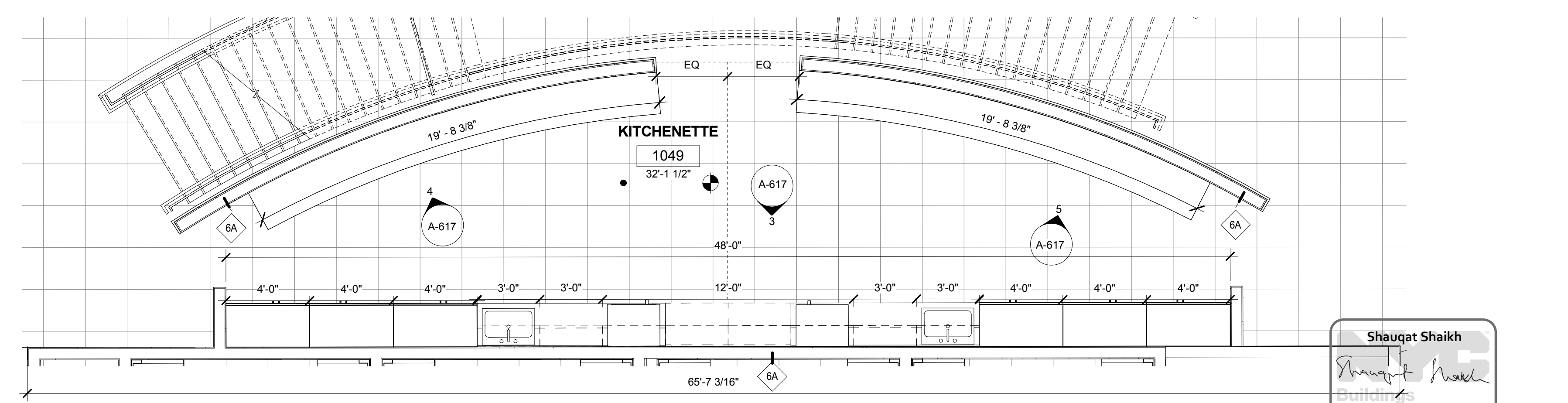
LEVEL 1 KITCHENETTE ELEVATION 011
 SCALE: 1/4" = 1'-0" 3



LEVEL 1 KITCHENETTE RCP
 SCALE: 1/4" = 1'-0" 2

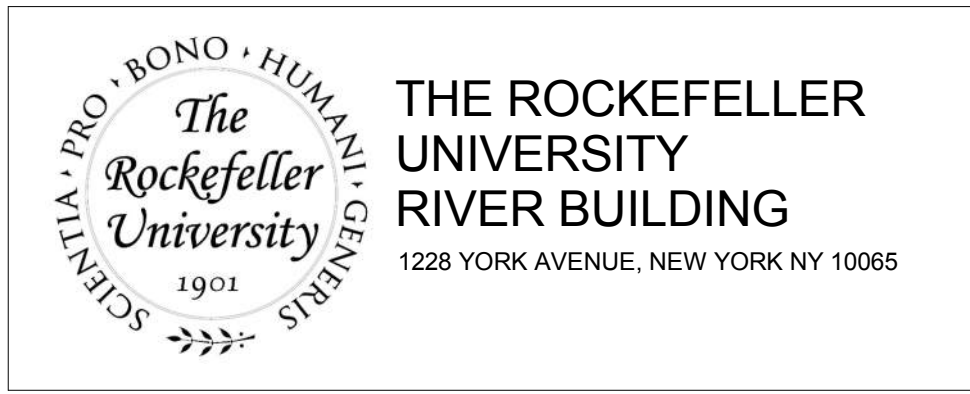


LEVEL 1 KITCHENETTE ELEVATION 02
 SCALE: 1/4" = 1'-0" 4



LEVEL 1 KITCHENETTE ENLARGED PLAN
 SCALE: 1/4" = 1'-0" 1

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ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

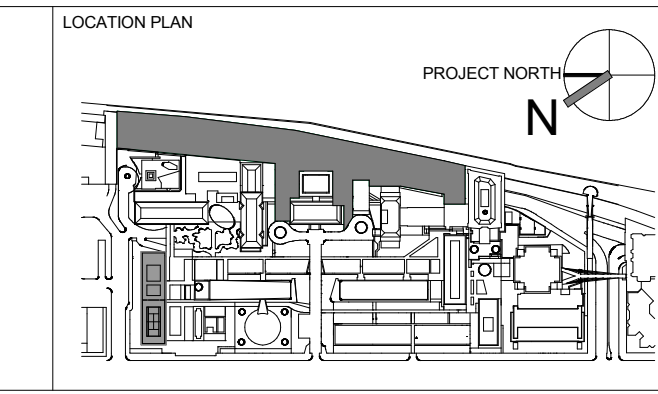
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL.
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
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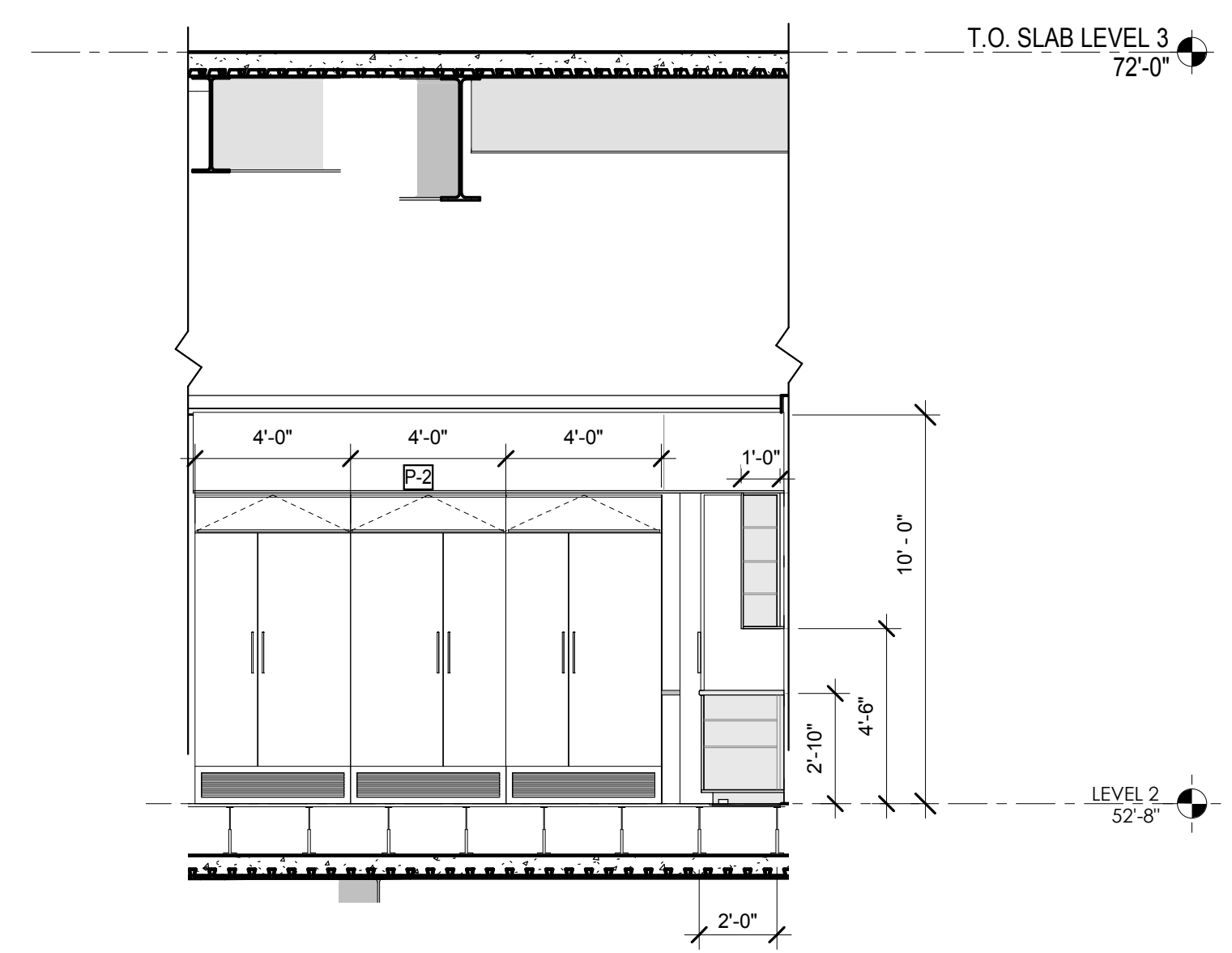


REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

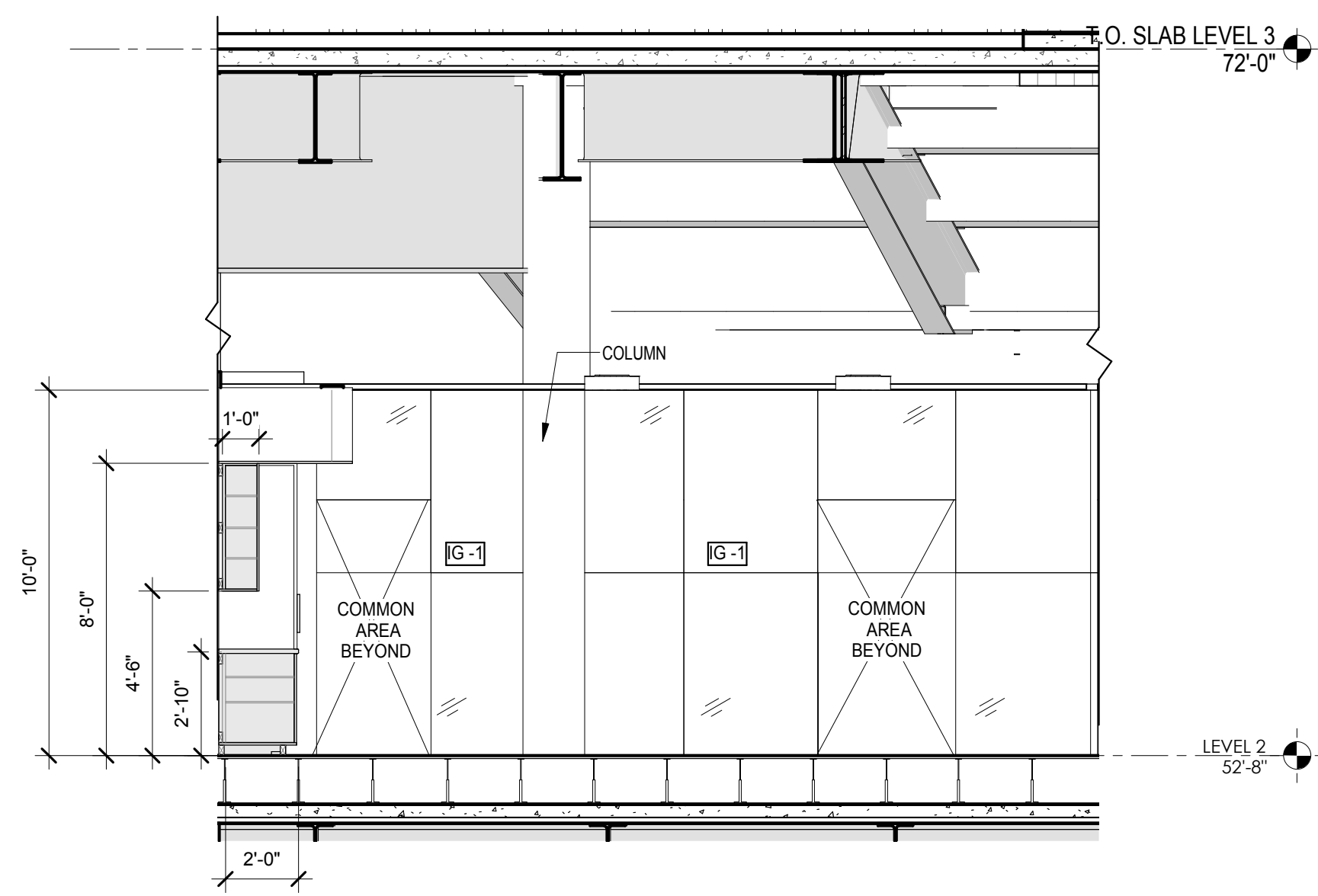
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 DRAWING SCALE
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DRAWING TITLE
 LEVEL 1 KITCHENETTE - PLAN, RCP AND ELEVATIONS
 DRAWING NUMBER
 A-617.00
 SHEET 253 OF 315

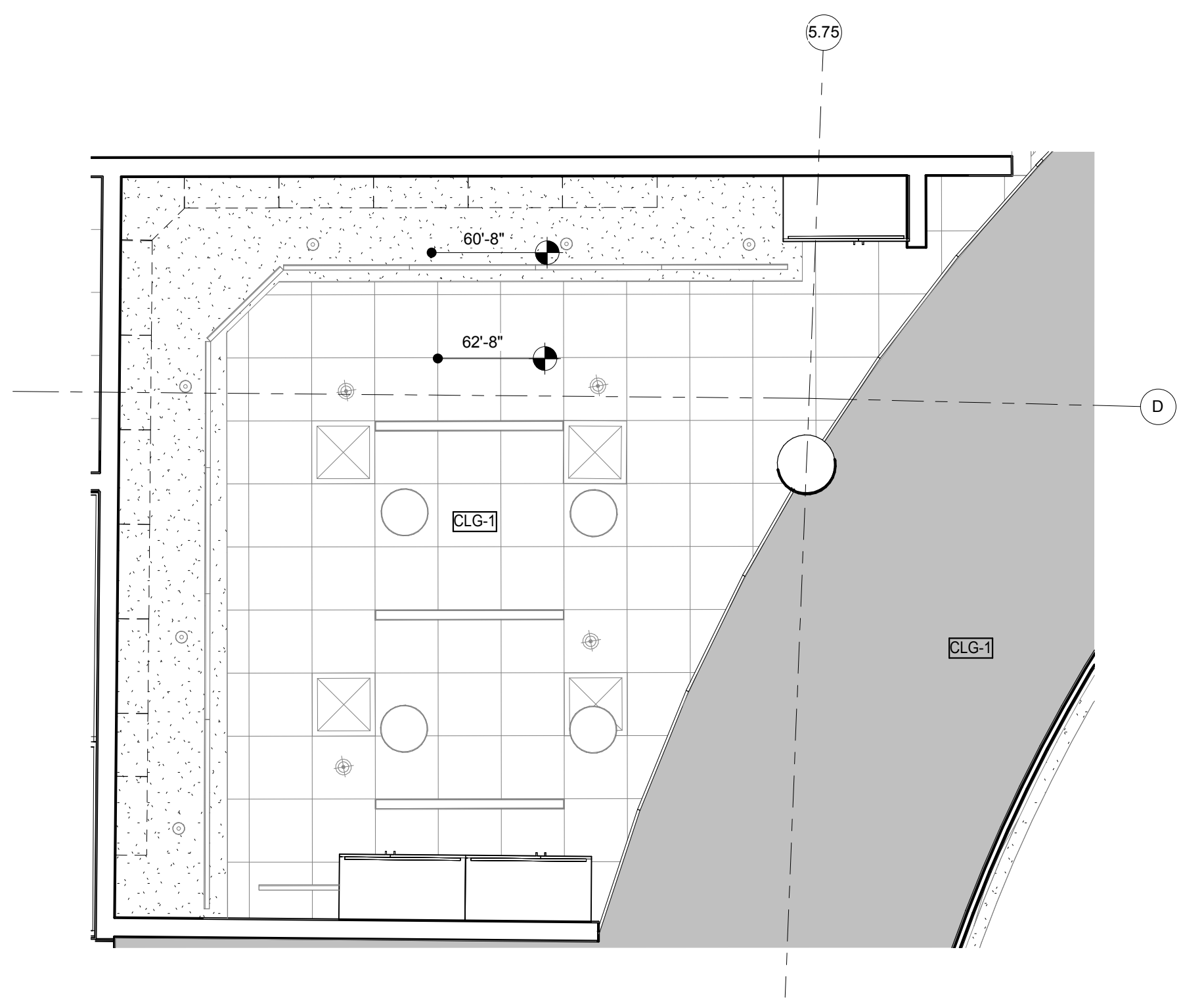
NOTE:
 1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
 2) REFER TO A-820 FOR ROOM FINISHES.



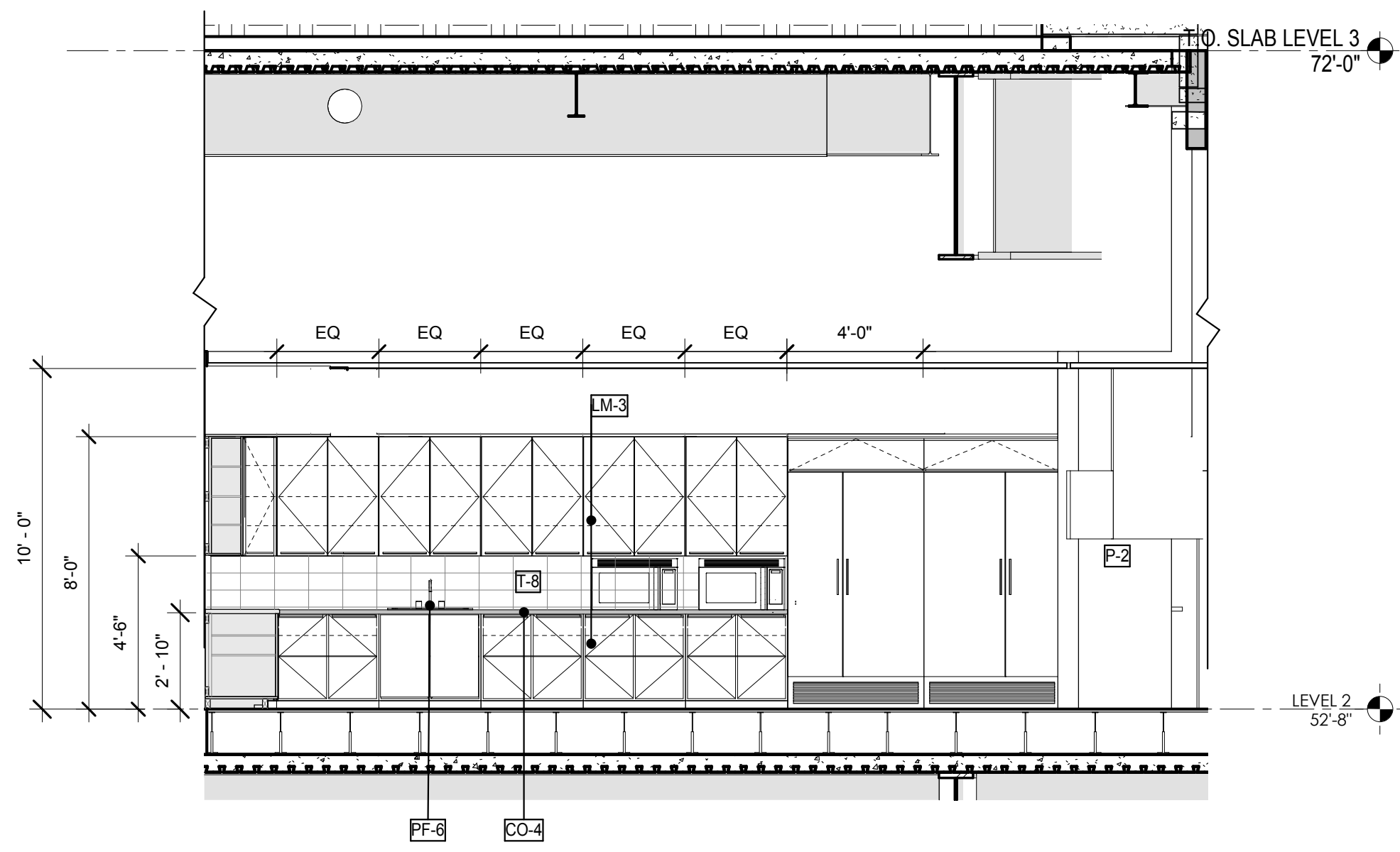
LEVEL 2 KITCHENETTE ELEVATION 04
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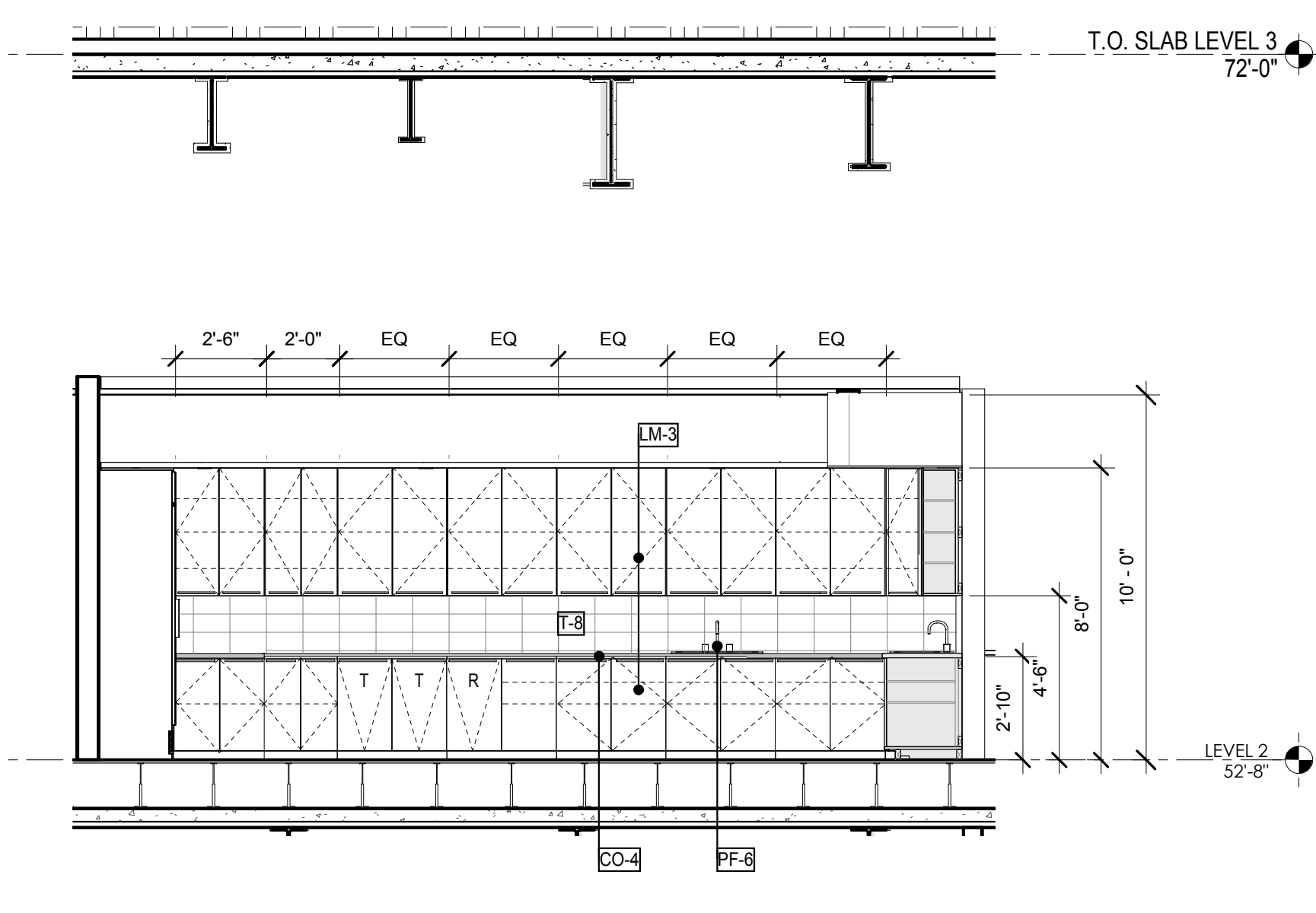
LEVEL 2 KITCHENETTE ELEVATION 03
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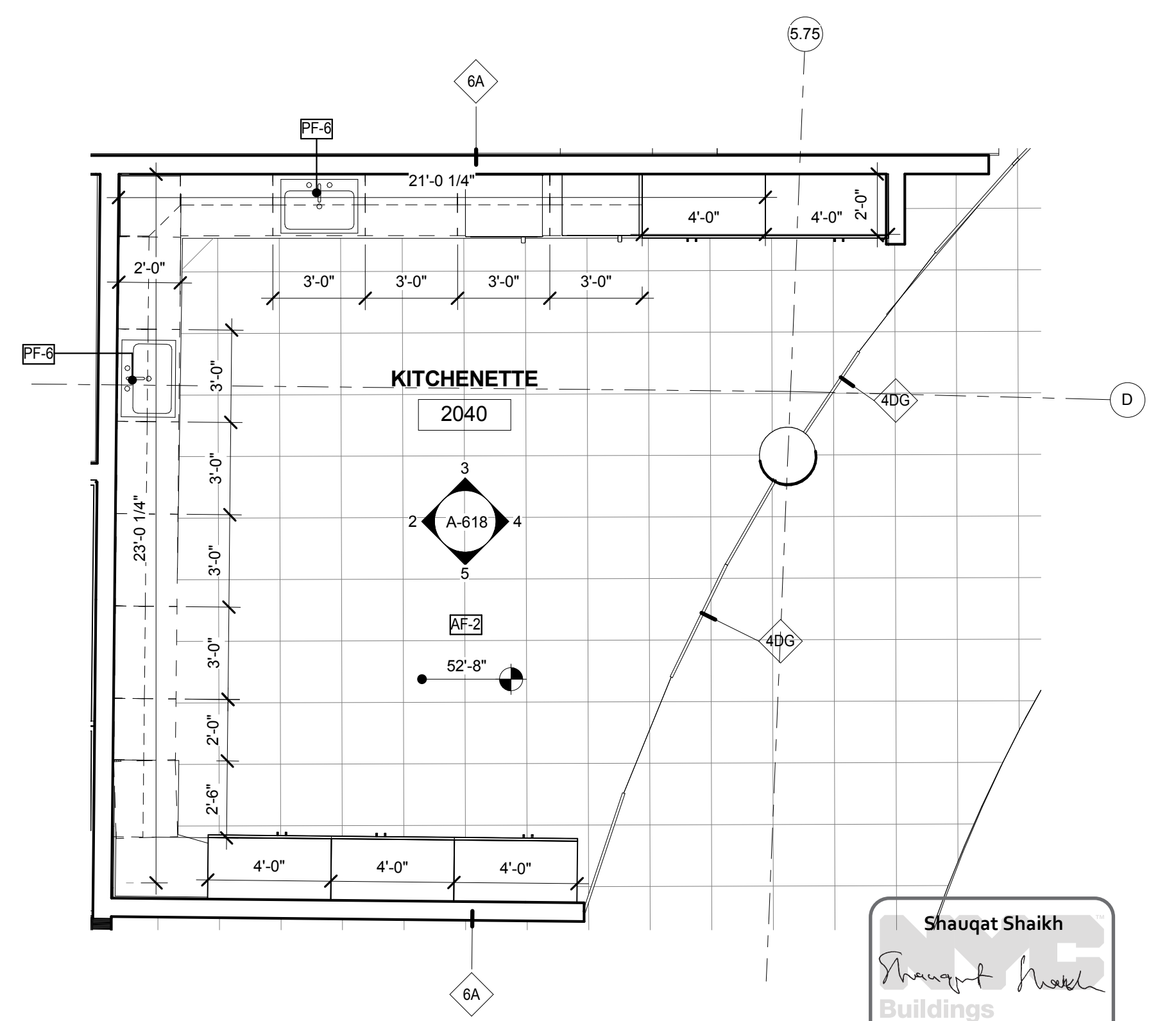
LEVEL 2 KITCHENETTE RCP
 SCALE: 1/4" = 1'-0" 6



LEVEL 2 KITCHENETTE ELEVATION 02
 SCALE: 1/4" = 1'-0" 3



LEVEL 2 KITCHENETTE ELEVATION 01
 SCALE: 1/4" = 1'-0" 2



LEVEL 2 KITCHENETTE ENLARGED PLAN
 SCALE: 1/4" = 1'-0" 1

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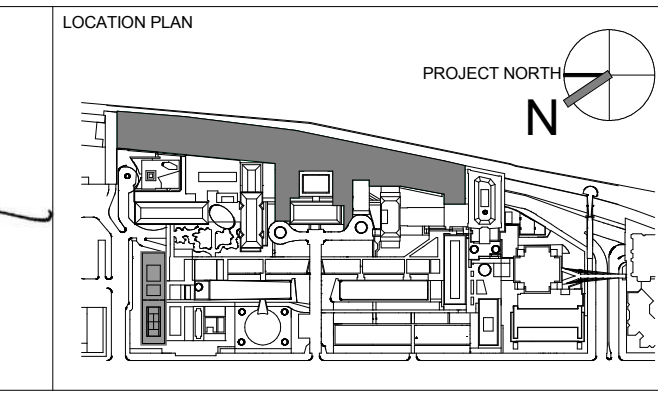
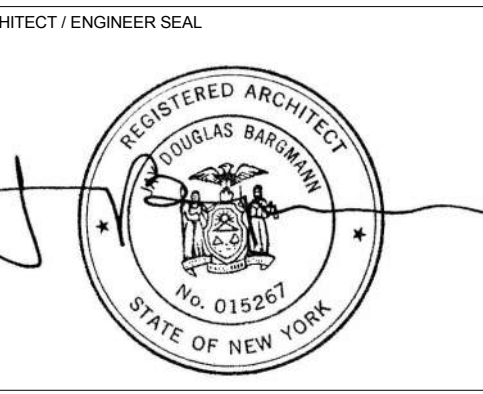
ARCHITECT
 RAFAEL VINOLY ARCHITECTS
 50 VANDAM STREET
 NEW YORK, NY 10013
 T. 212.924.5060 F. 212.924.5858

STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
 744 BROAD STREET
 NEWARK, NJ 07102
 T. 973.286.6100

MEP / FP ENGINEER
 BARD, RAO + ATHANAS
 105 MADISON AVENUE, 10TH FL
 NEW YORK, NY 10016
 T. 212.840.0060

INTERIOR LIGHTING DESIGNER
 ONE LUX STUDIO
 156 WEST 29TH STREET
 NEW YORK, NY 10011
 T. 212.201.5790

SPECIFICATION CONSULTANT
 ROBERT SCHWARTZ ASSOCIATES
 589 8TH AVENUE, 17TH FLOOR
 NEW YORK, NY 10018
 T. 212.691.3248



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
 LEVEL 2 KITCHENETTE - PLAN, RCP AND ELEVATIONS

DRAWING NUMBER
 A-618.00

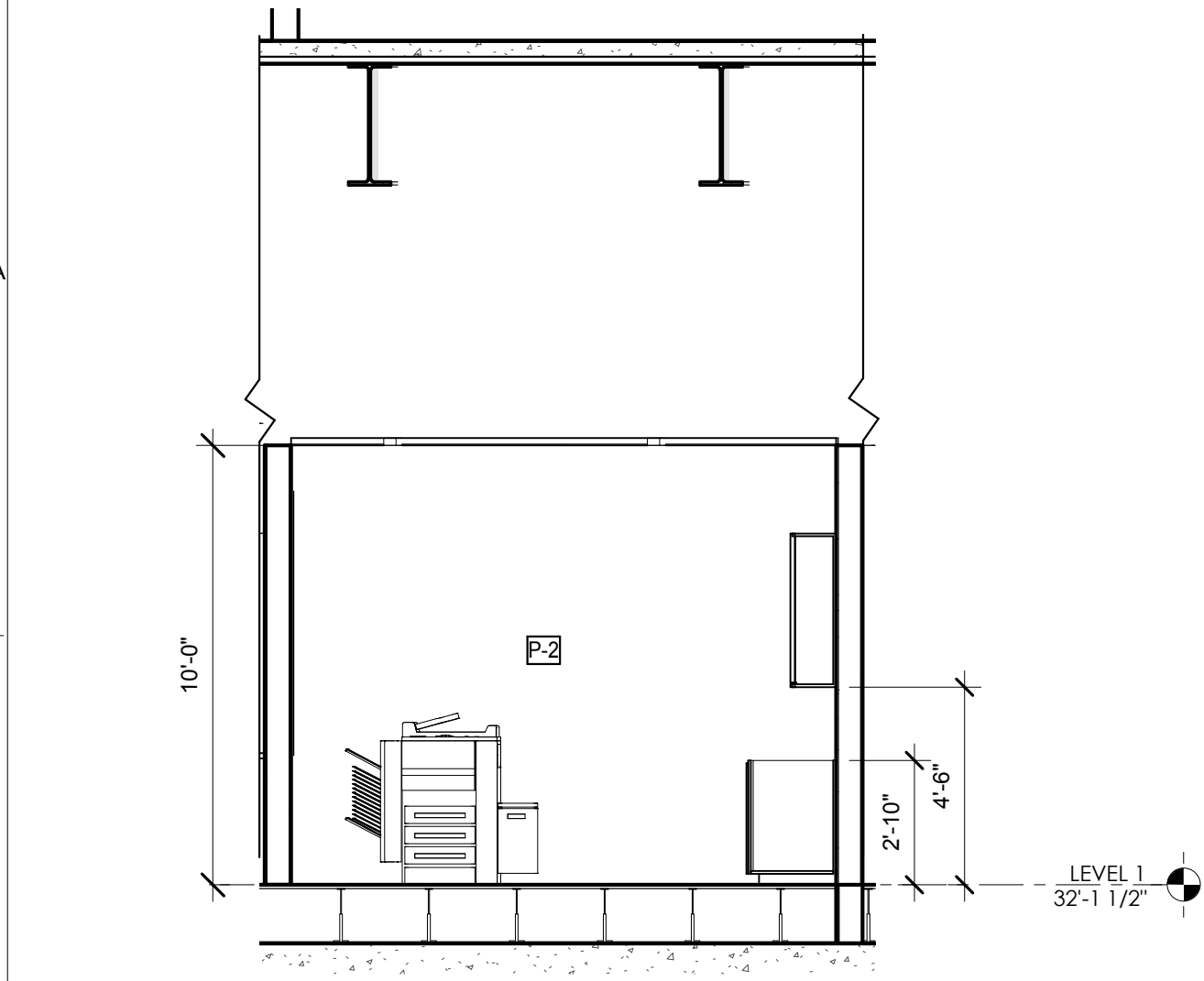
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DRAWING SCALE
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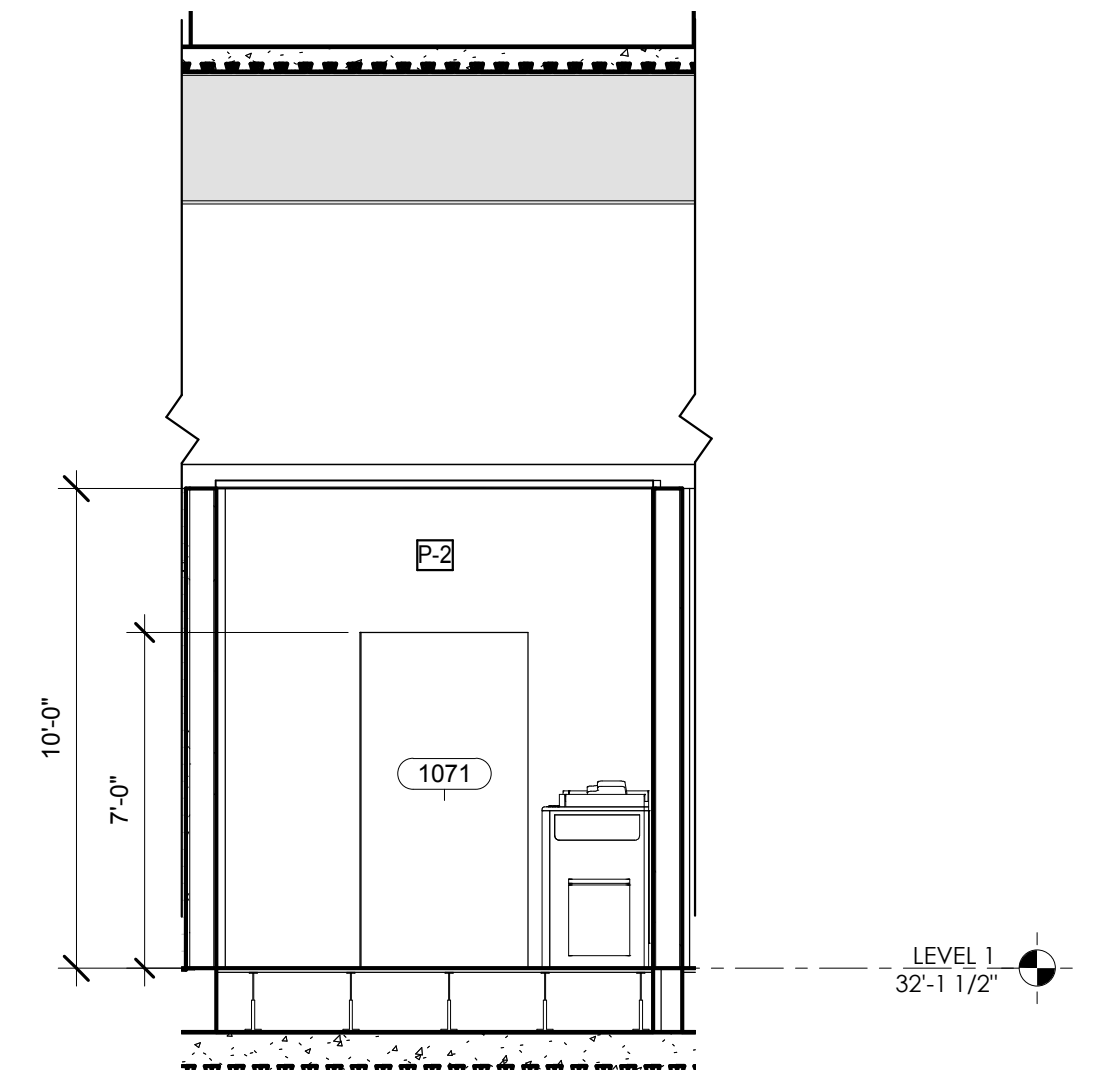
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

Sheet 254 of 315

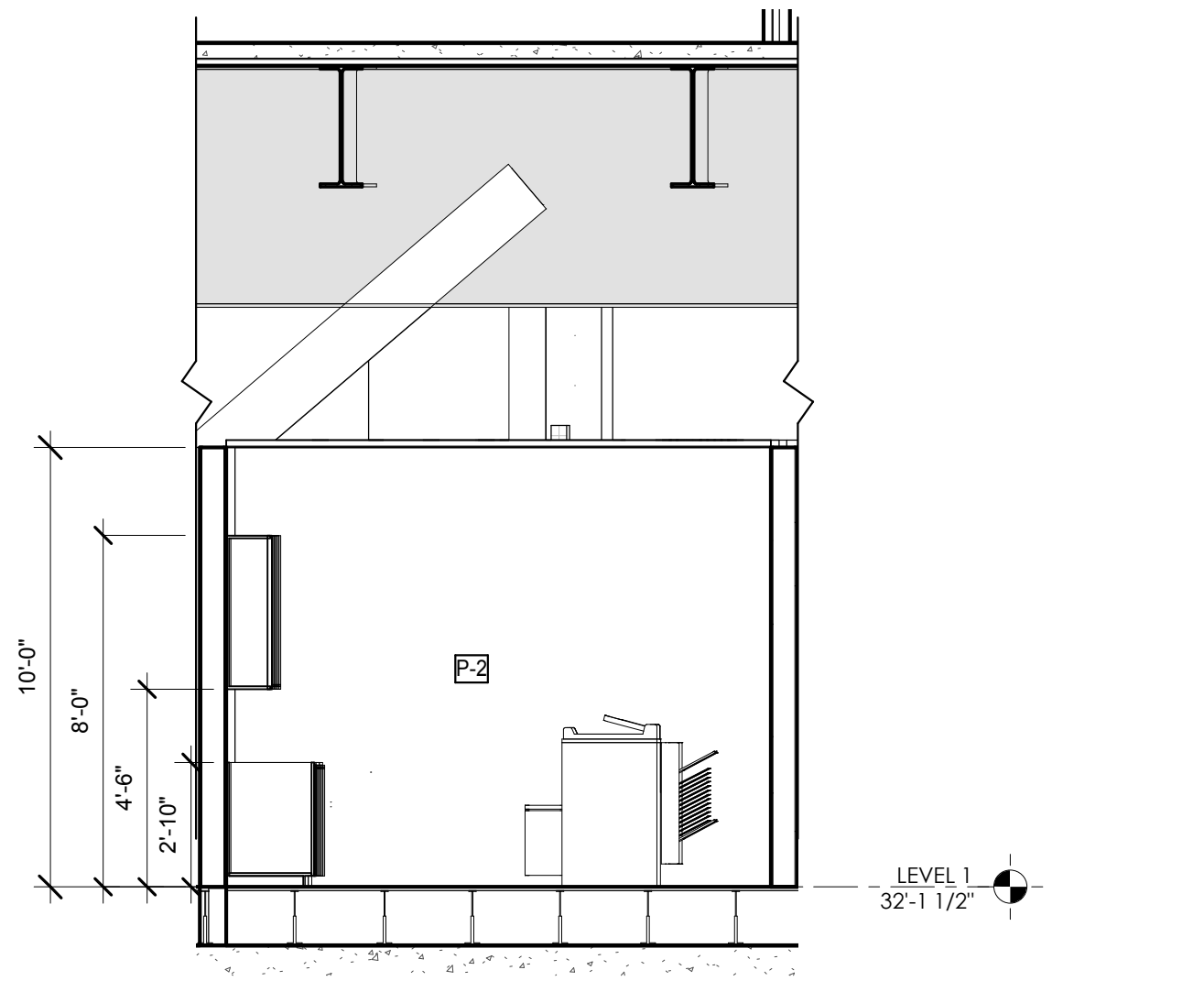
NOTE:
FOR ALL ROOM FINISHES REFER TO DRAWING A820.00



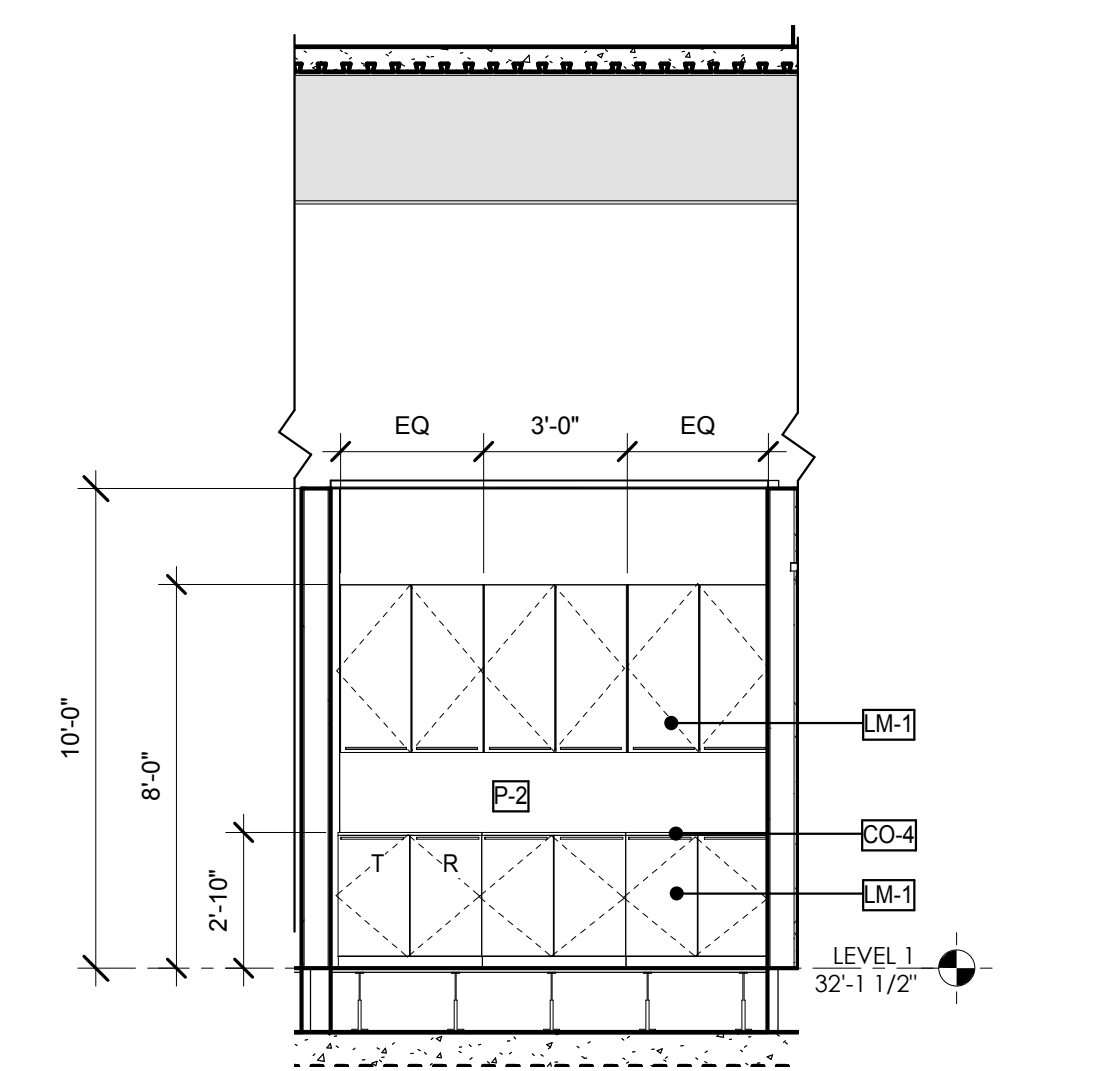
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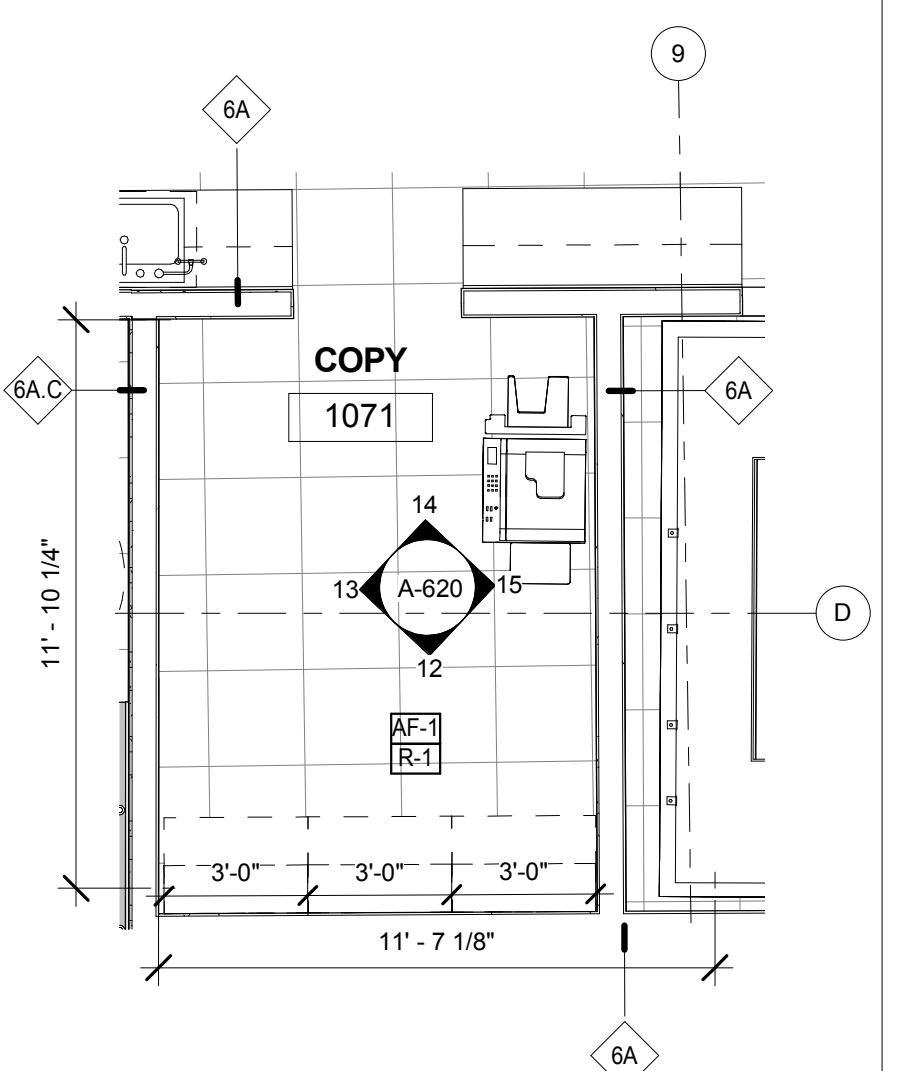
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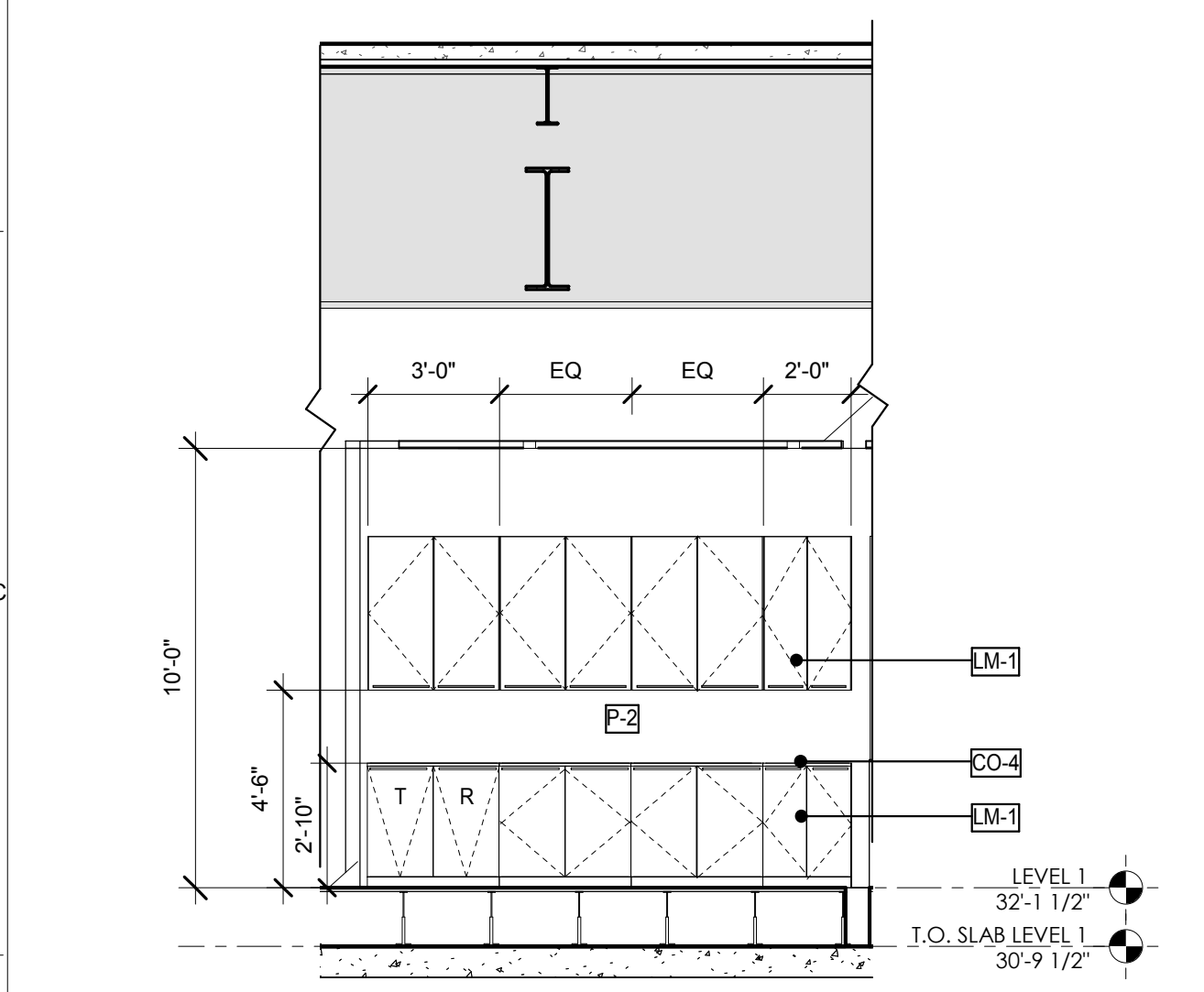
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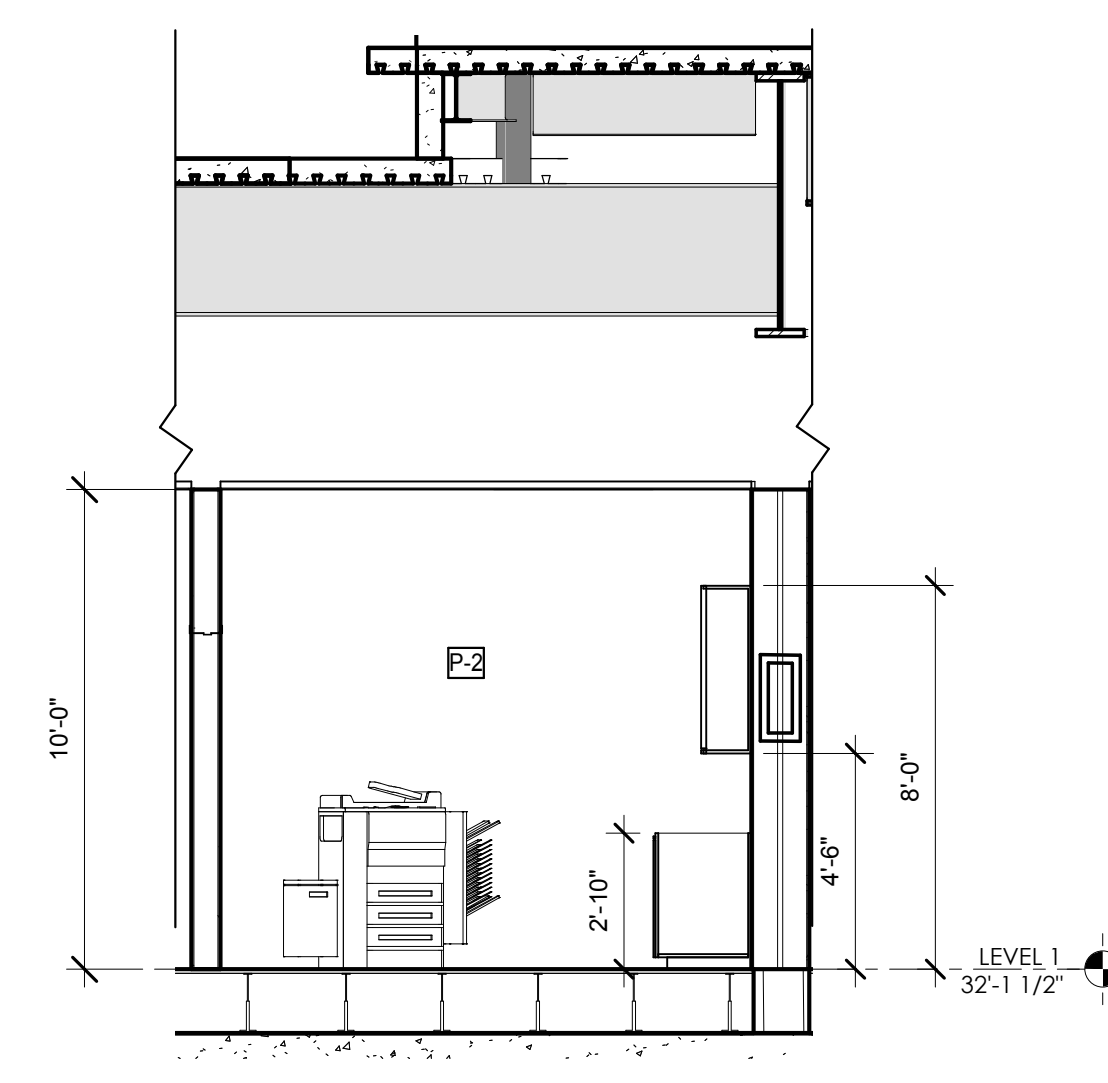
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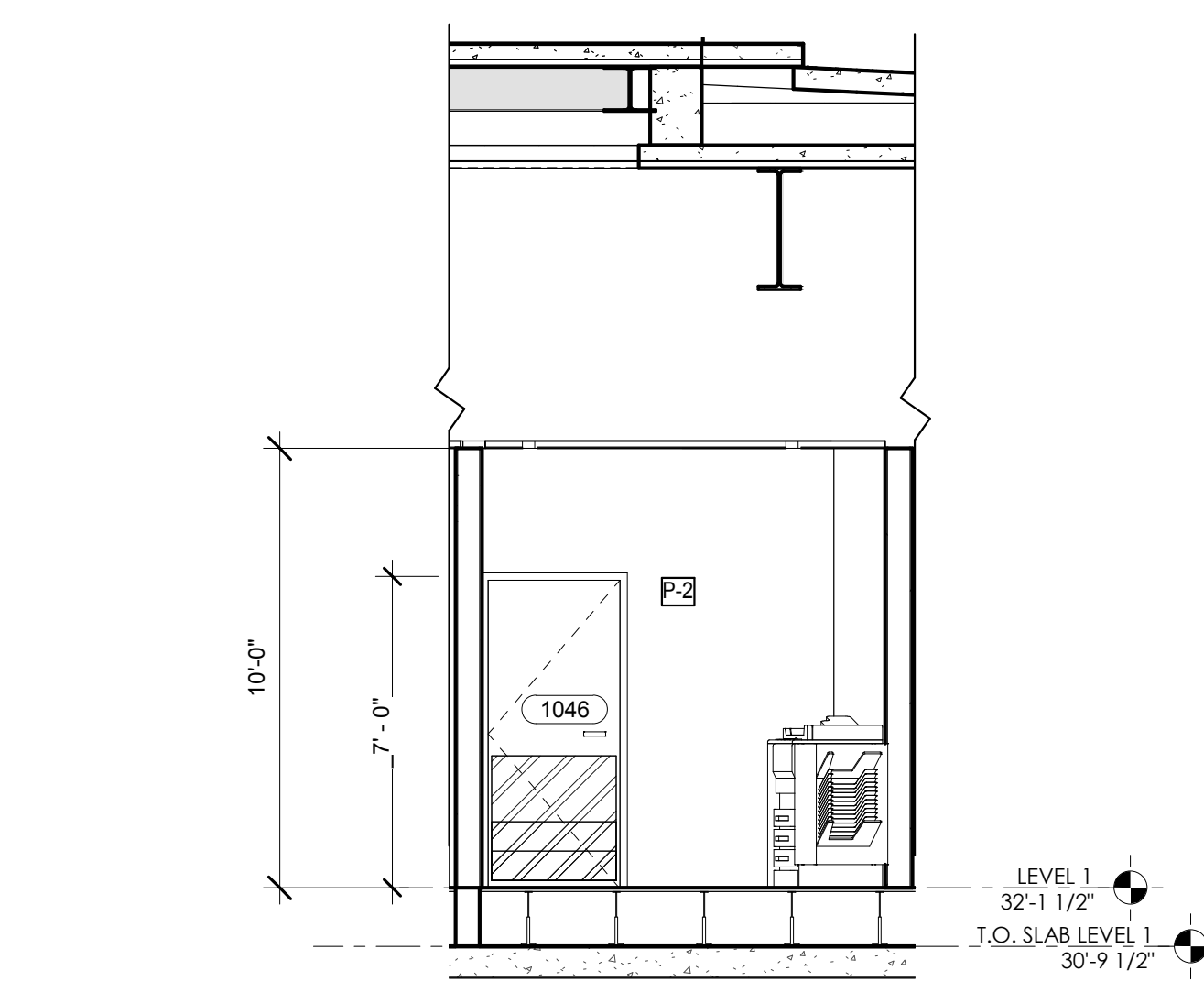
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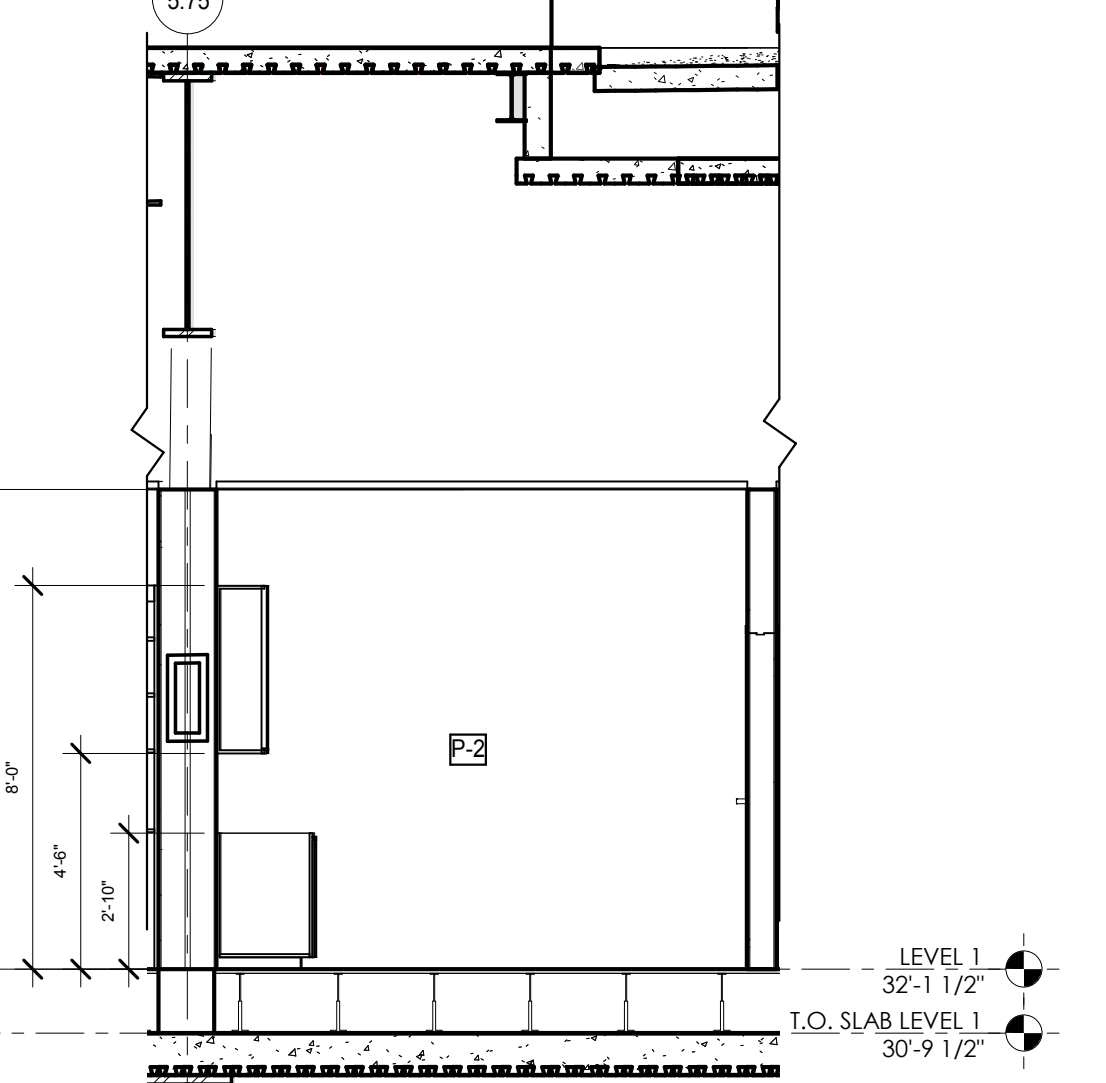
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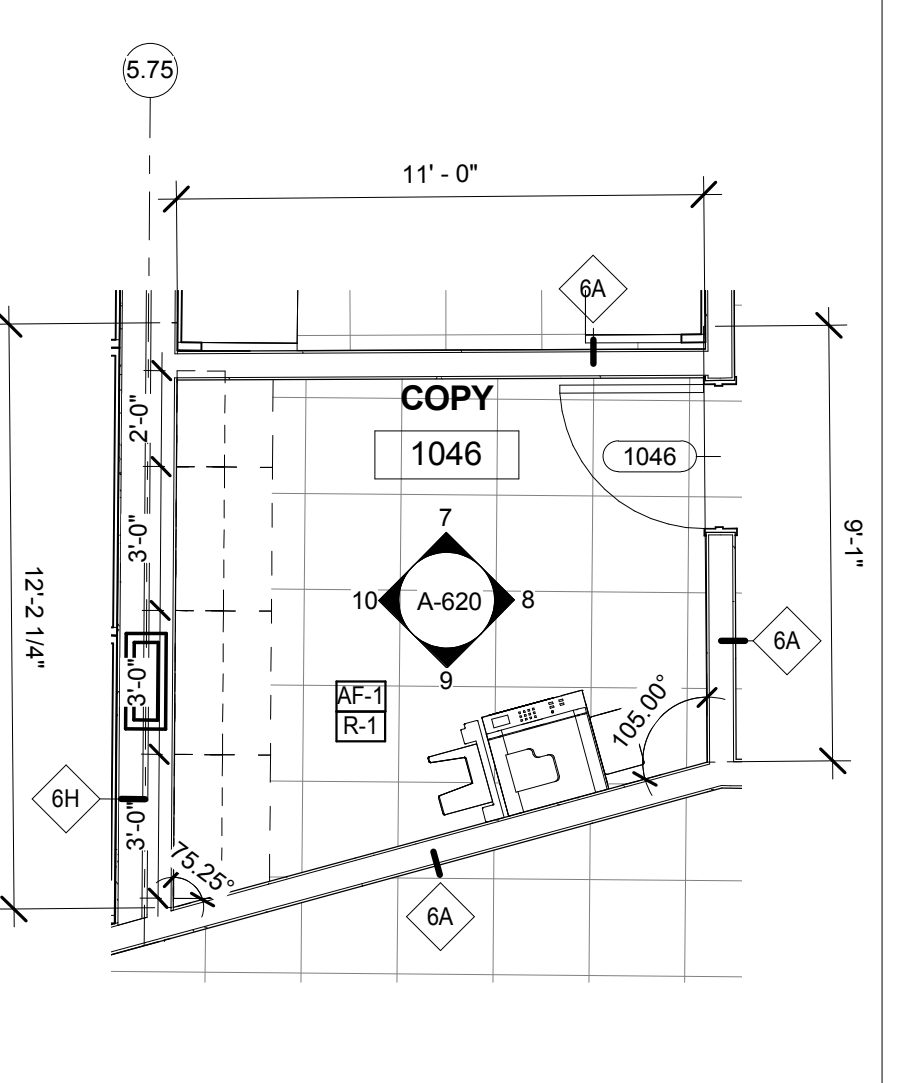
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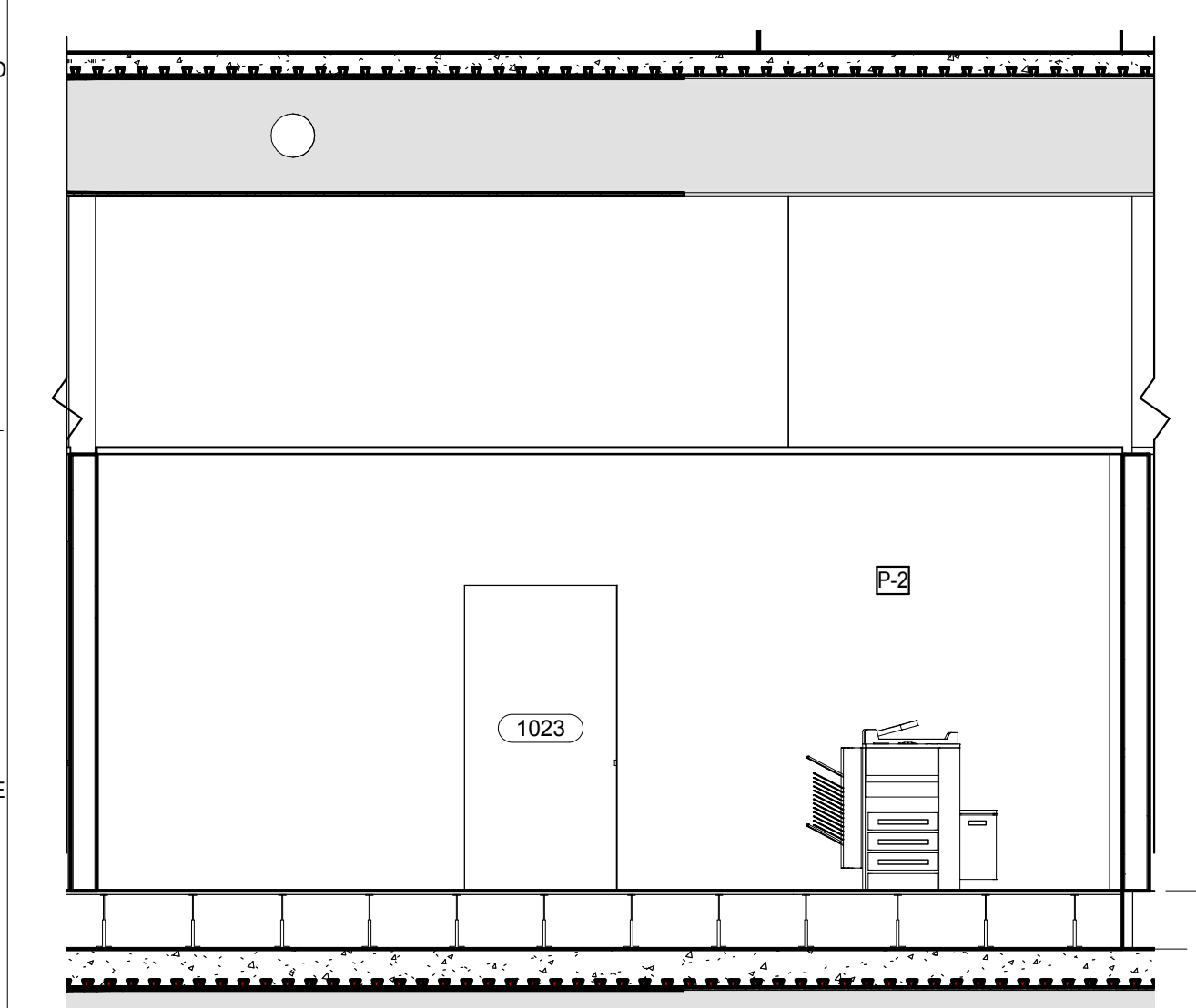
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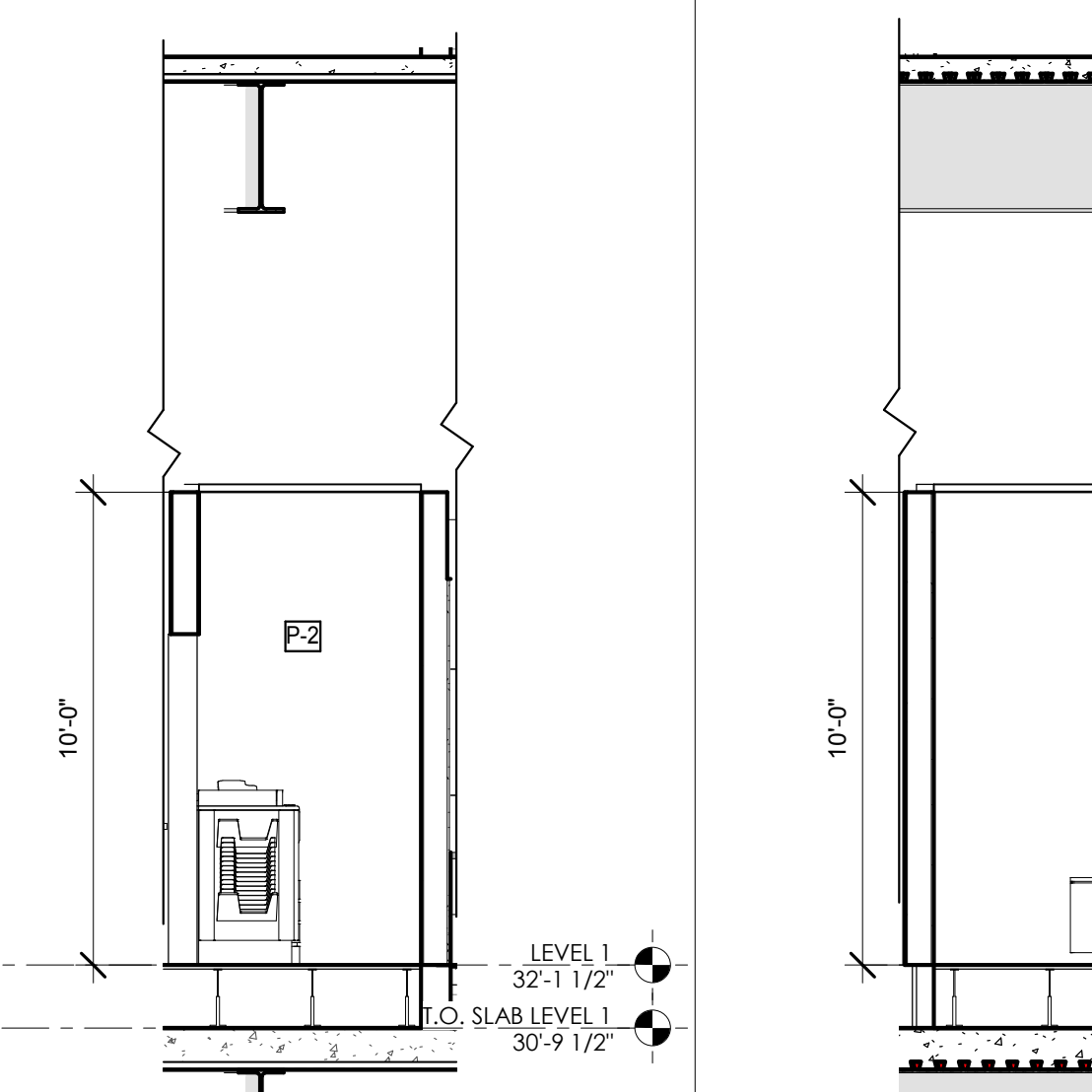
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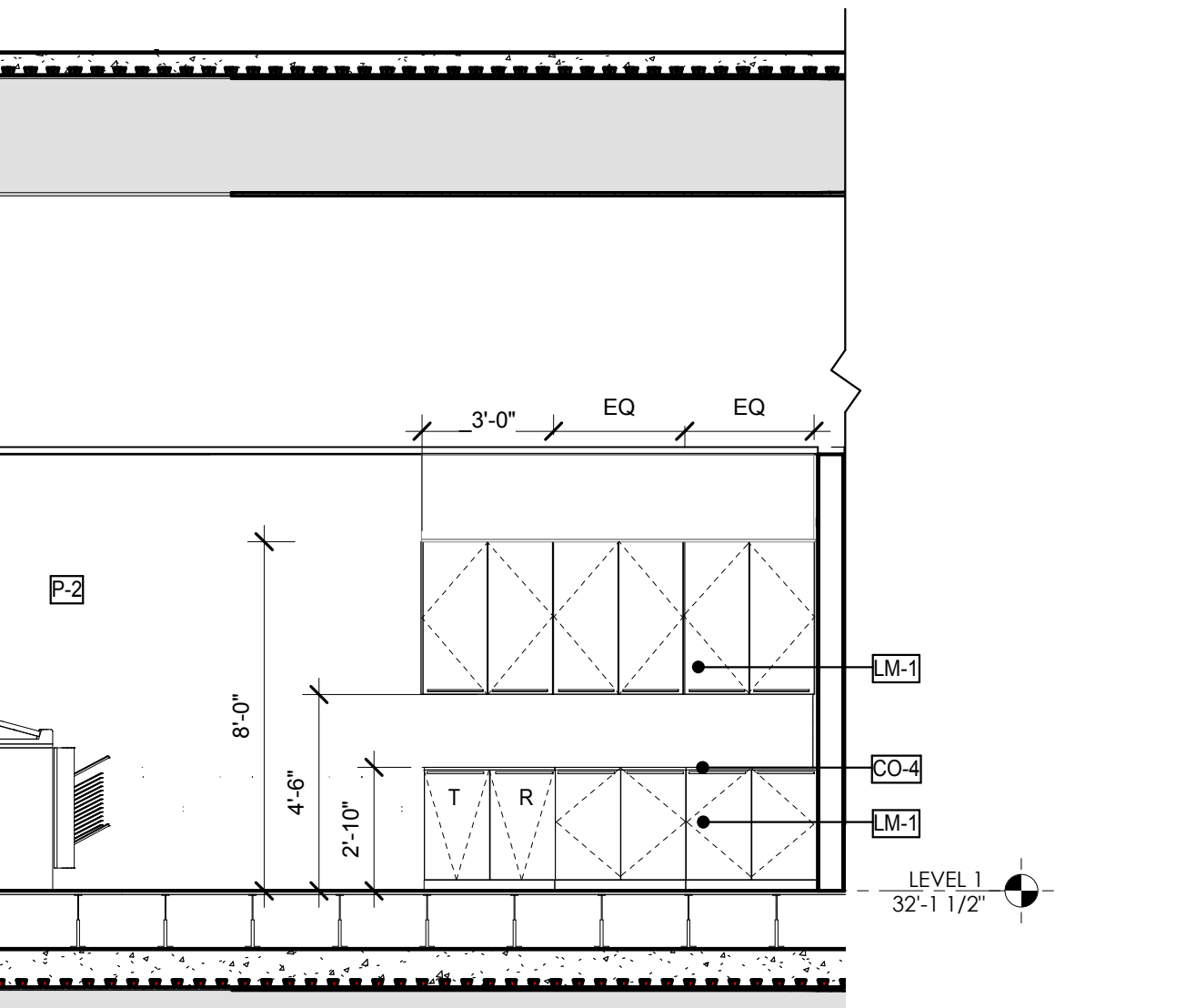
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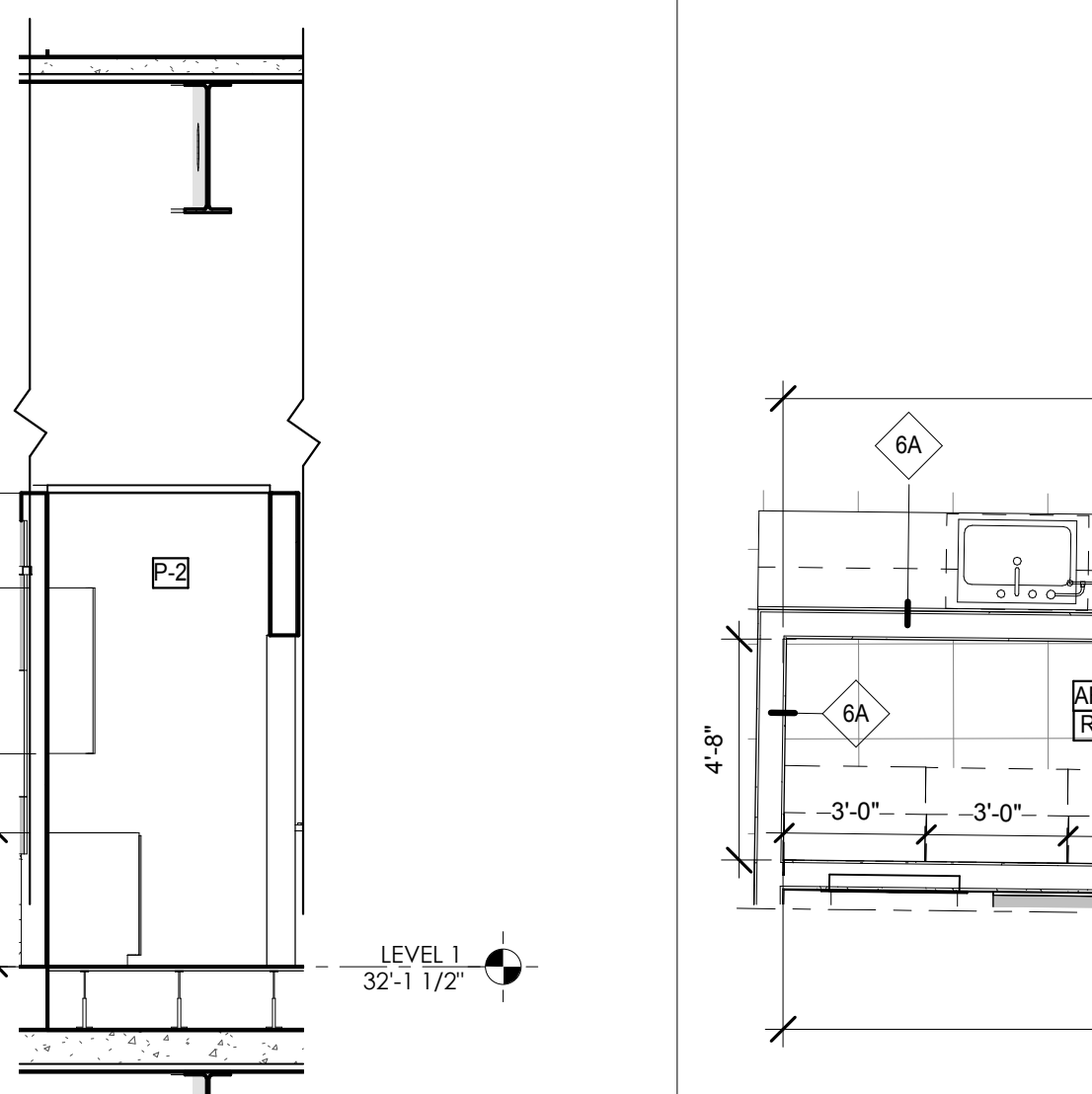
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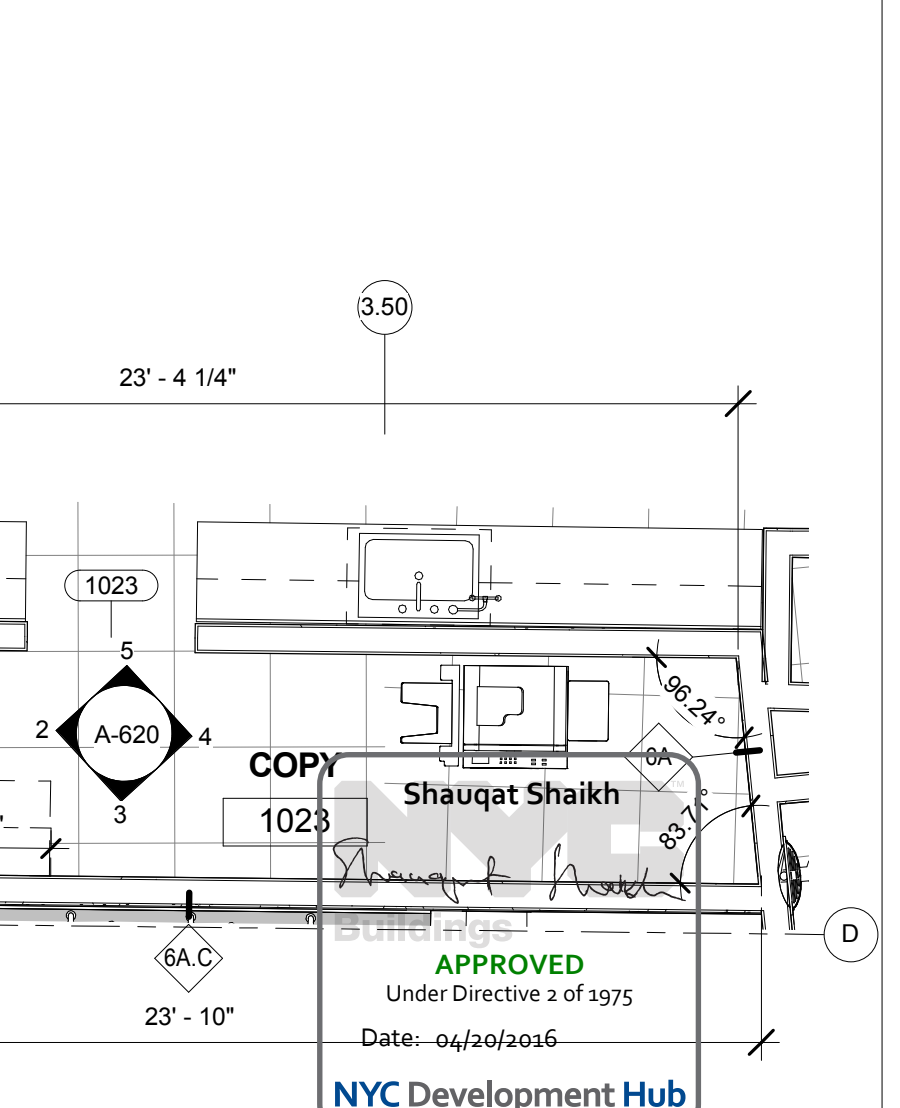
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LEVEL 1 COPY ROOM A ELEVATION 02
SCALE: 1/4" = 1'-0" 3



LEVEL 1 COPY ROOM A ELEVATION 01
SCALE: 1/4" = 1'-0" 2



LEVEL 1 COPY ROOM A ENLARGED PLAN
SCALE: 1/4" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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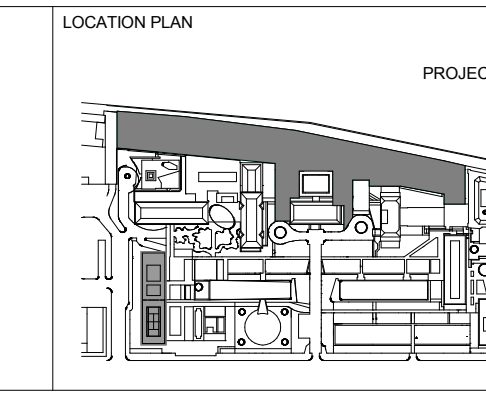
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
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NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
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INTERIOR LIGHTING DESIGNER
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
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REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

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COPY/SUPPLY ROOM - PLANS AND ELEVATIONS

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24" x 36"

DRAWING SCALE
1/4" = 1'-0"

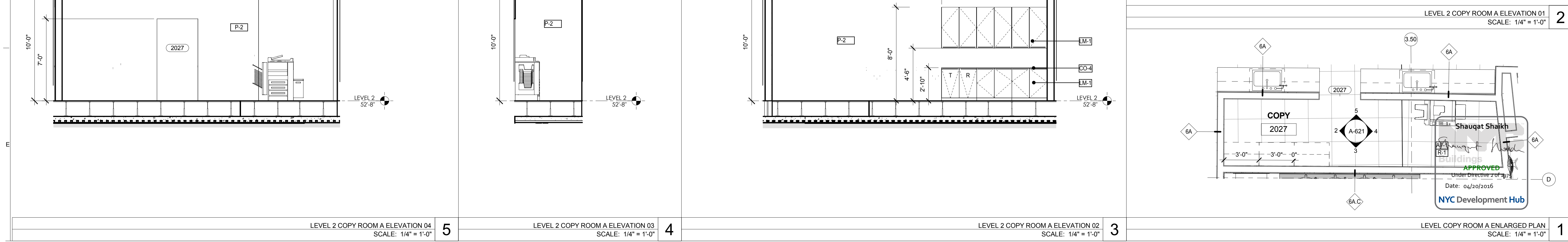
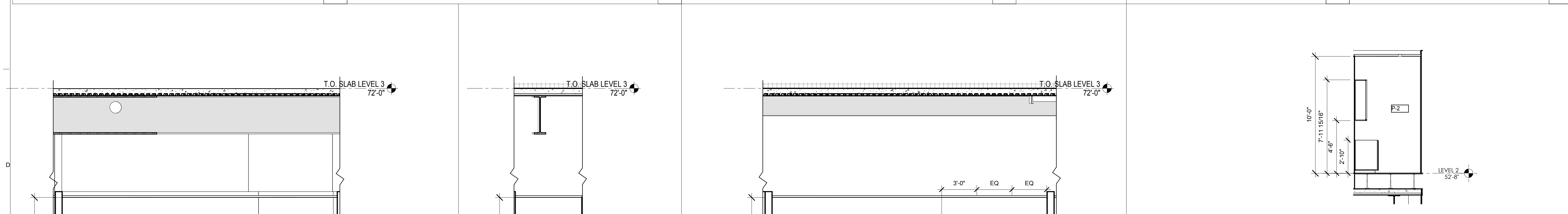
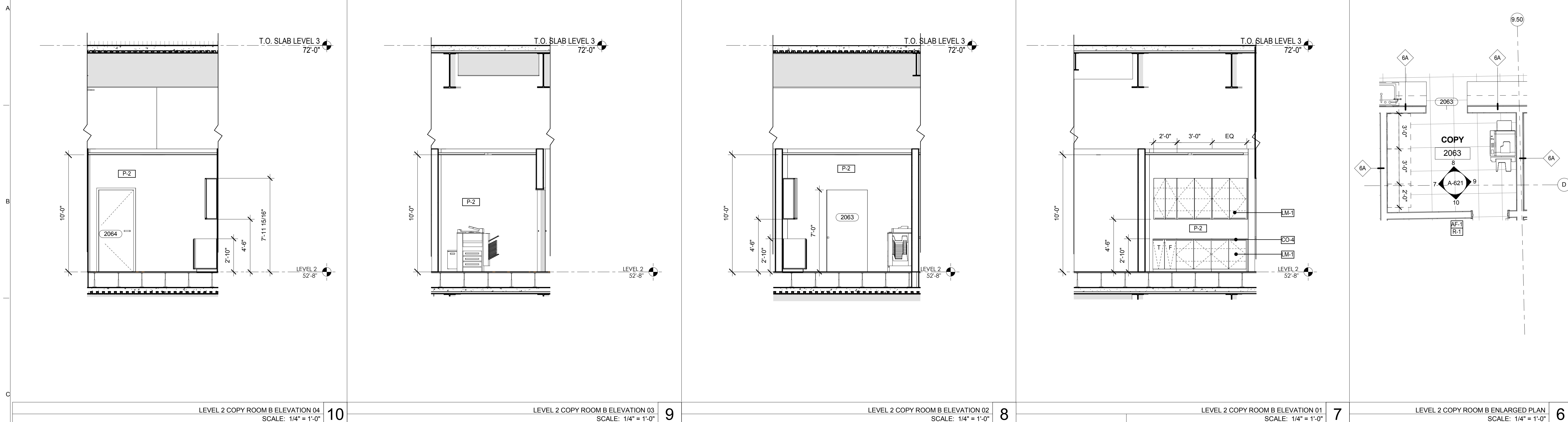
PROJECT PHASE
CONSTRUCTION DOCUMENTS

APPROVED
Under Directive 2 of 1975
Date: 06/30/2016
NYC Development Hub

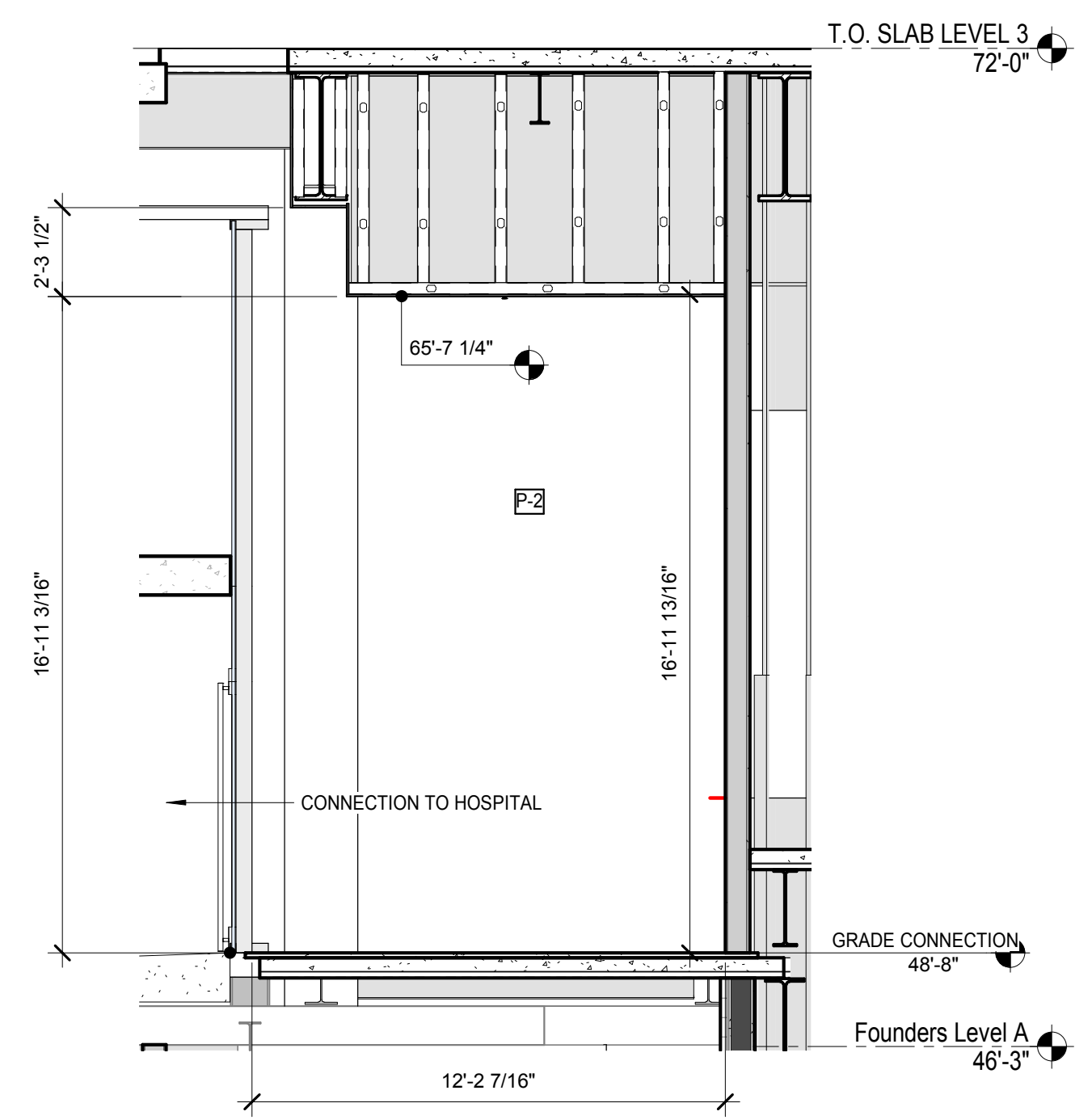
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A-620.00

SHEET 255 OF 315

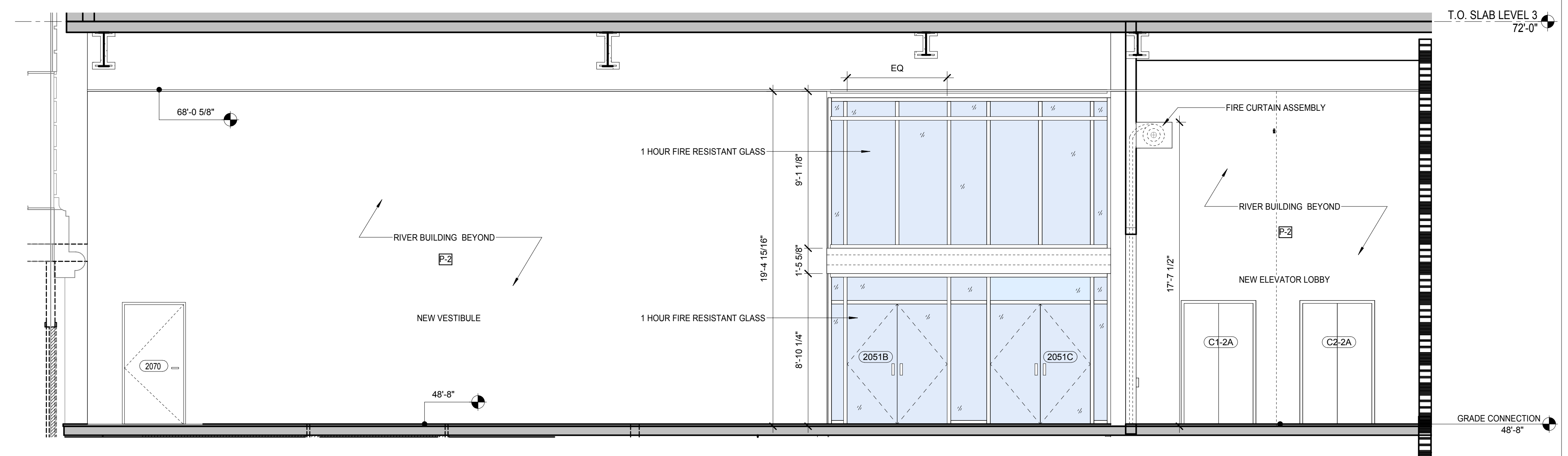
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FOR ALL ROOM FINISHES REFER TO
DRAWING A820.00



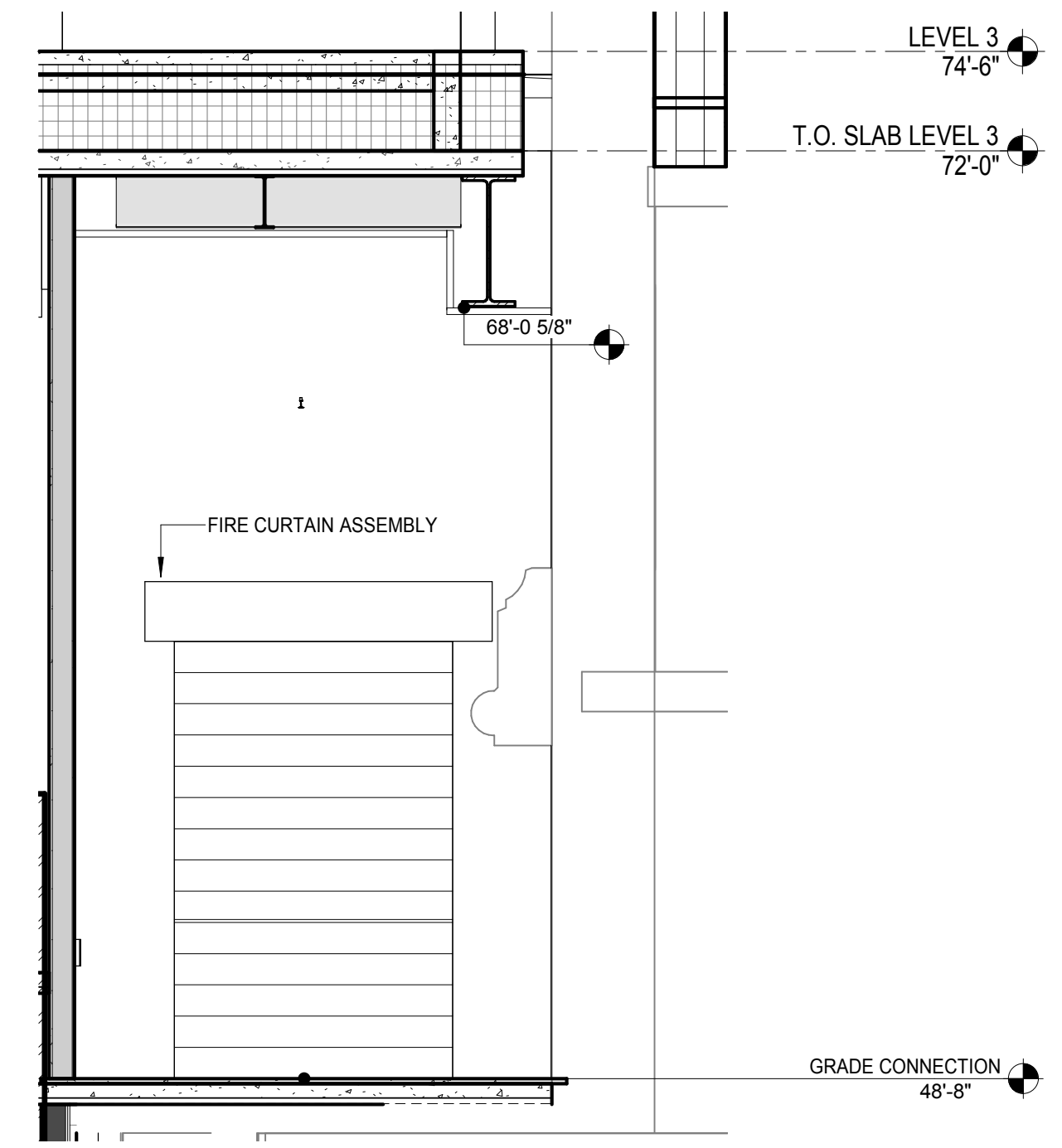
<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL</p>	<p>LOCATION PLAN</p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>ARCHITECTS PROJECT NUMBER</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> <td>664.100</td> </tr> <tr> <td>2</td> <td>DOB SUBMISSION -RB</td> <td>16-DEC-15</td> <td></td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	1	PROGRESS SET	30-OCT-15	664.100	2	DOB SUBMISSION -RB	16-DEC-15		<p>DRAWING TITLE COPY/SUPPLY ROOM - PLANS AND ELEVATIONS</p> <p>DRAWING SIZE 24" x 36"</p> <p>DRAWING SCALE 1/4" = 1'-0"</p> <p>PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING NUMBER A-621.00</p> <p>Sheet 256 of 315</p> <p>DATE: 04/30/2016 APPROVED Shauqat Shaikh NYC Development Hub</p>
REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER																		
1	PROGRESS SET	30-OCT-15	664.100																		
2	DOB SUBMISSION -RB	16-DEC-15																			



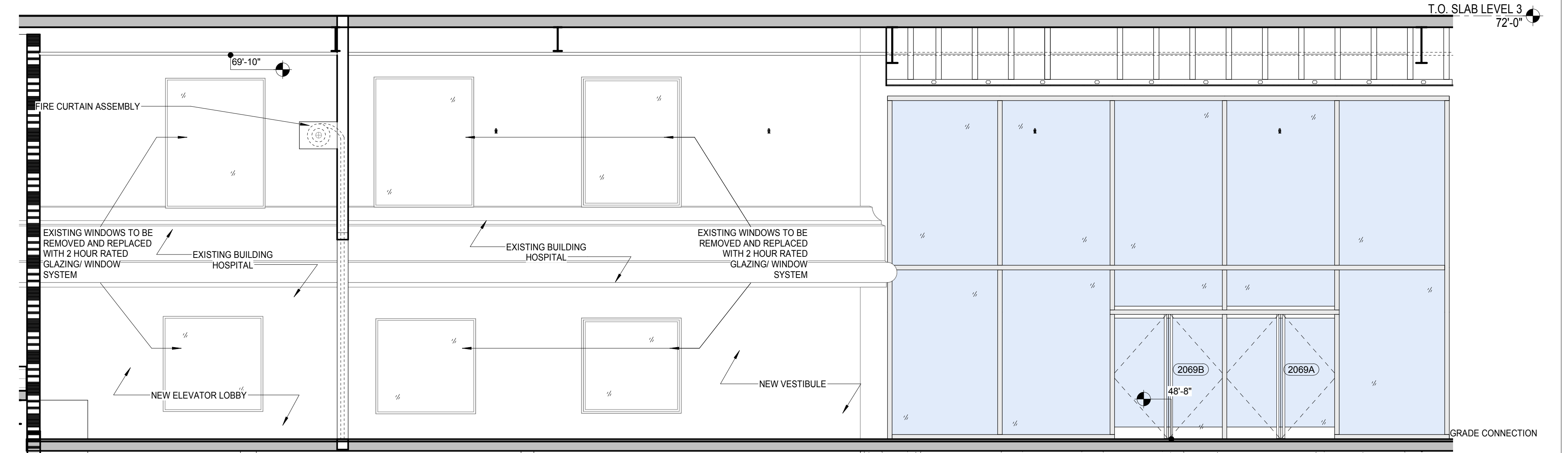
ELEVATION 4 AT GRADE CONNECTION
SCALE: 1/4" = 1'-0"



ELEVATION 3 AT GRADE CONNECTION
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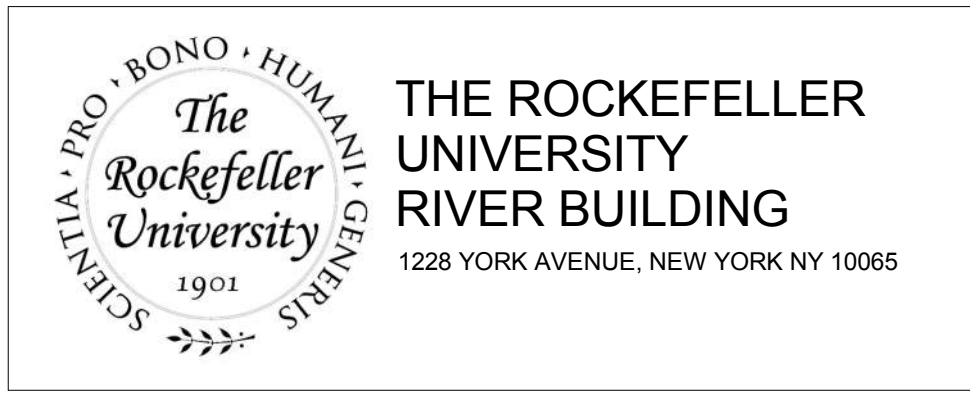


ELEVATION 2 AT GRADE CONNECTION
SCALE: 1/4" = 1'-0"



ELEVATION 1 AT GRADE CONNECTION
SCALE: 1/4" = 1'-0"

Shauqat Shauqat
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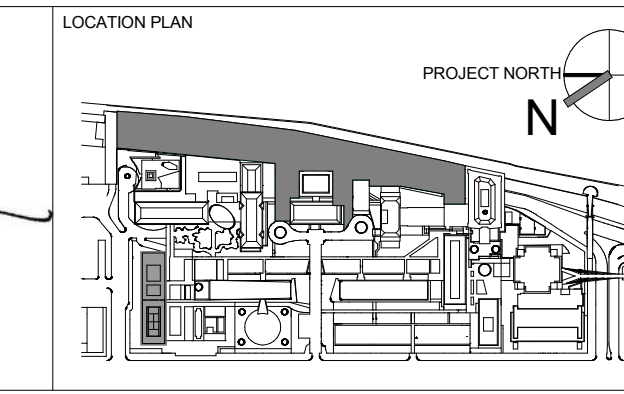
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No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
GRADE CONNECTION AT LEVEL 2 VESTIBULE- ELEVATIONS

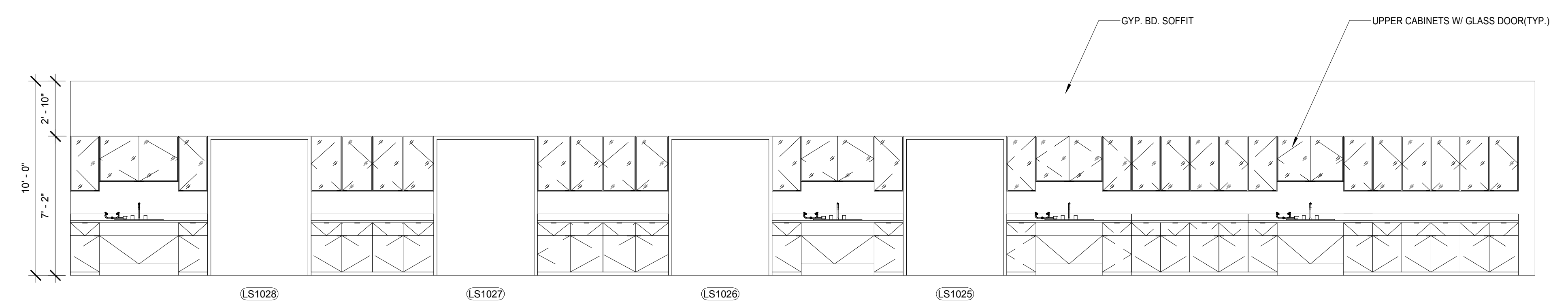
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DRAWING SCALE
1/4" = 1'-0"

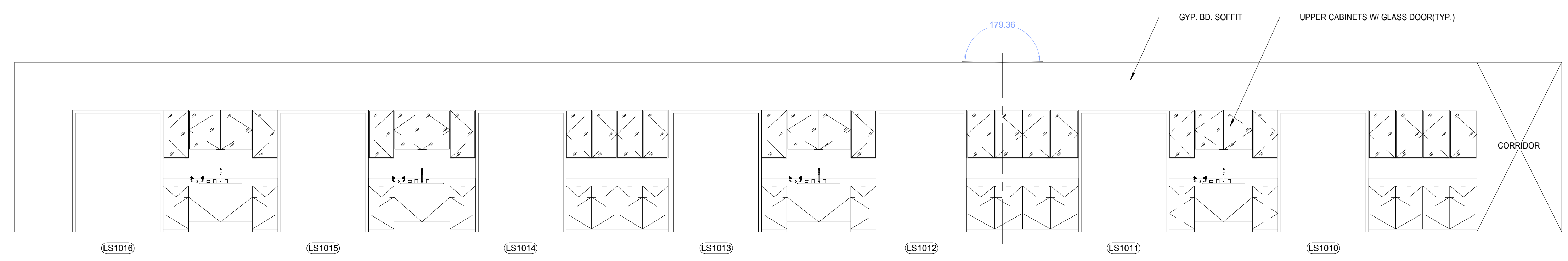
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING NUMBER
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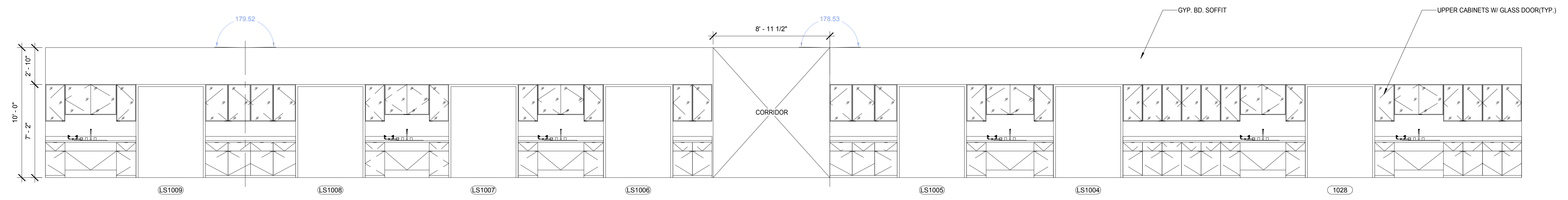
Sheet 257 of 315



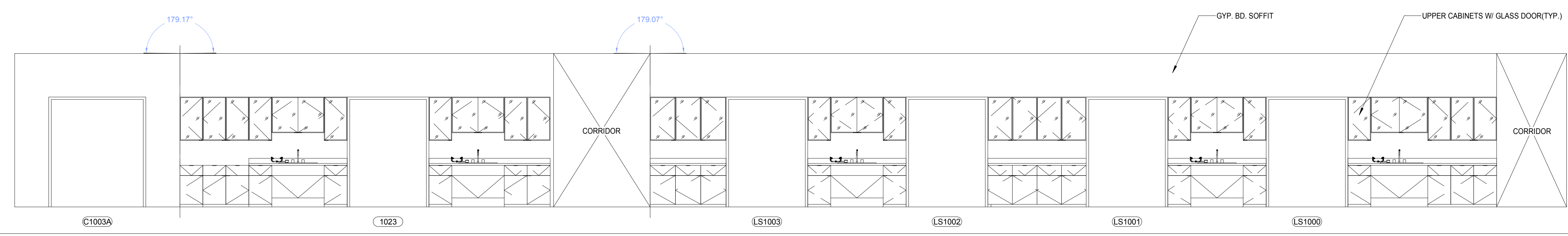
LEVEL 1 CORRIDOR ELEVATION 04
SCALE: 1/4" = 1'-0" **4**



LEVEL 1 CORRIDOR ELEVATION 03
SCALE: 1/4" = 1'-0" **3**

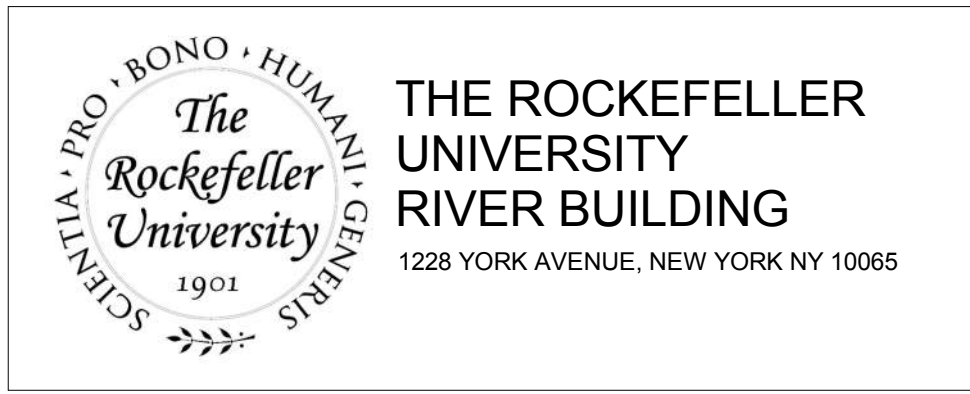


LEVEL 1 CORRIDOR ELEVATION 02
SCALE: 1/4" = 1'-0" **2**



LEVEL 1 CORRIDOR ELEVATION 01
SCALE: 1/4" = 1'-0" **1**

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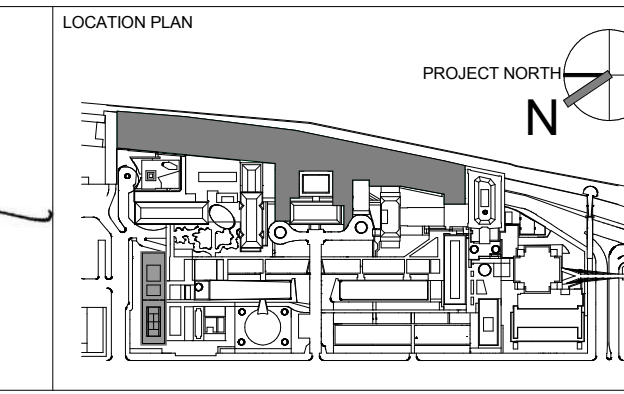
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REGISTERED ARCHITECT
NICHOLAS BARONIA
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
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DRAWING SCALE
1/4" = 1'-0"

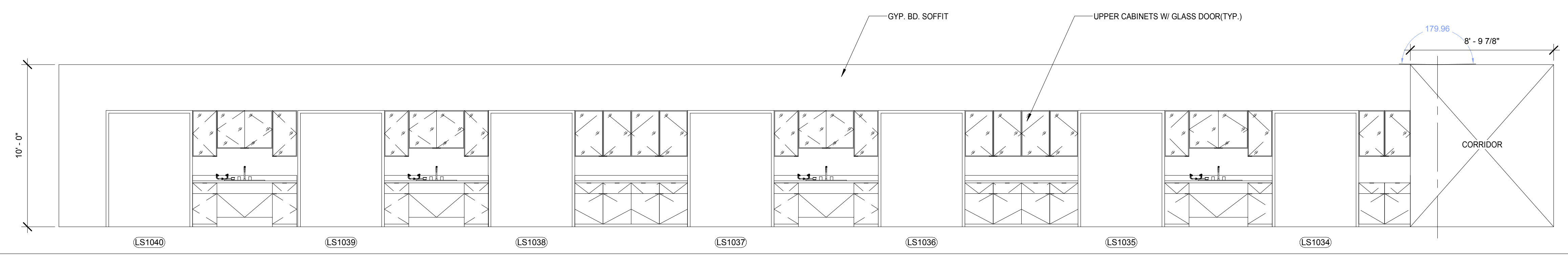
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
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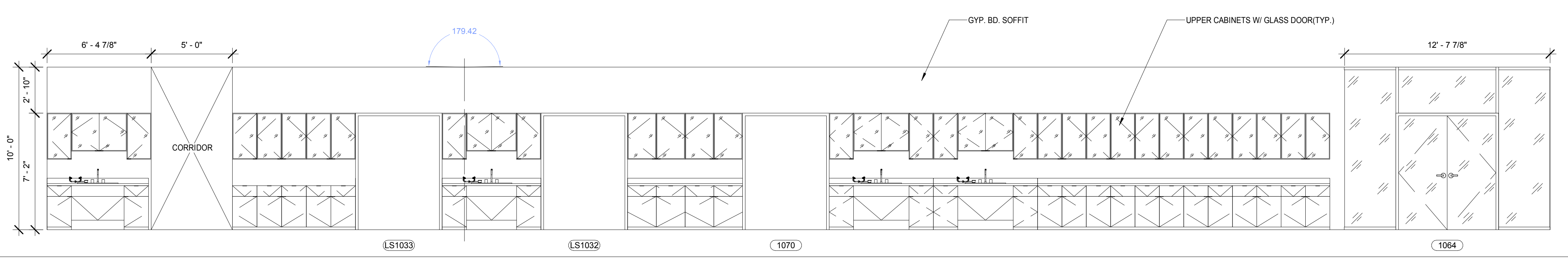
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A-625.00

Sheet 258 of 315

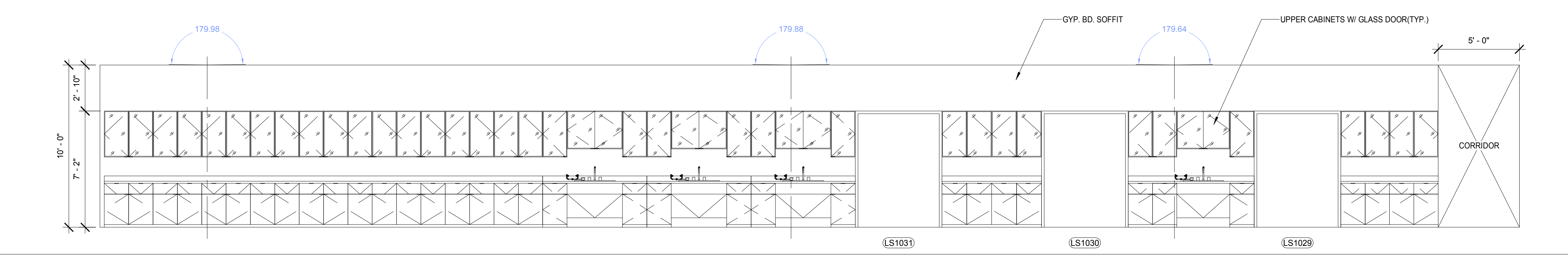
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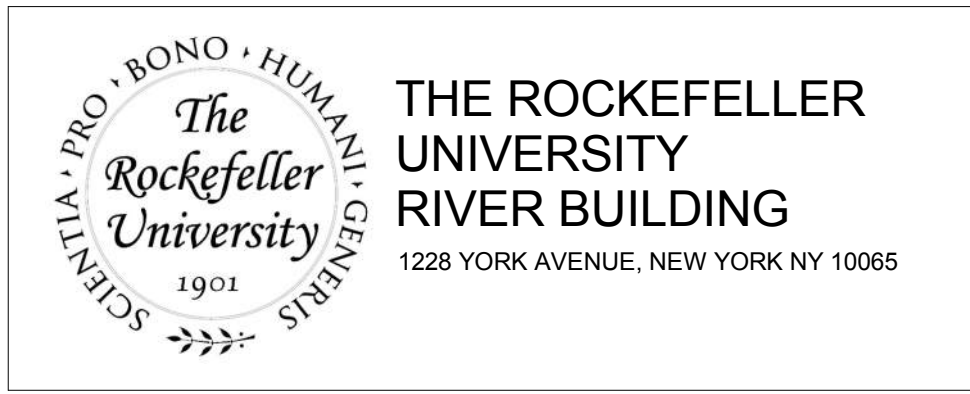
LEVEL 1 CORRIDOR ELEVATION 07
SCALE: 1/4" = 1'-0" **3**



LEVEL 1 CORRIDOR ELEVATION 06
SCALE: 1/4" = 1'-0" **2**



LEVEL 1 CORRIDOR ELEVATION 05
SCALE: 1/4" = 1'-0" **1**



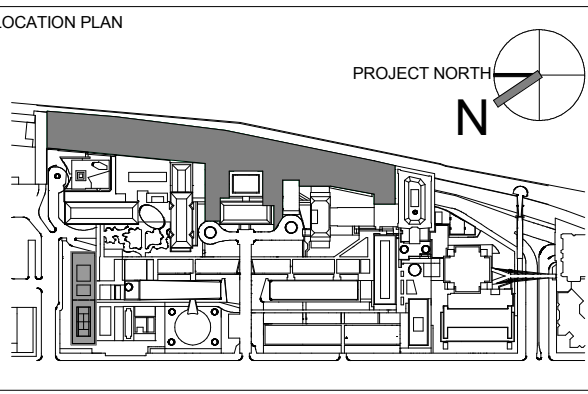
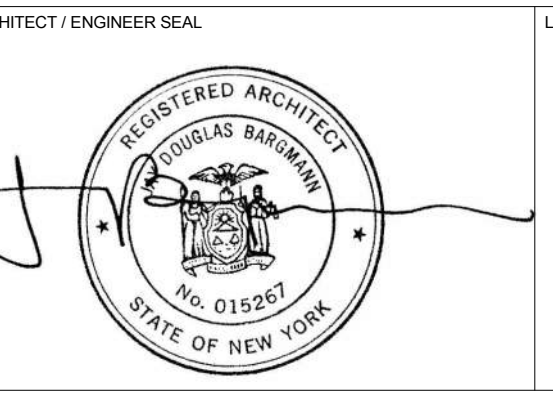
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 589 8TH AVENUE, 17TH FLOOR
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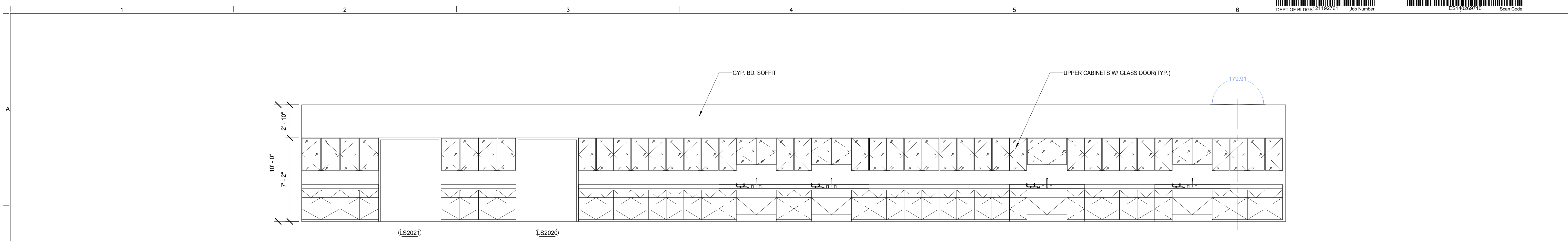


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

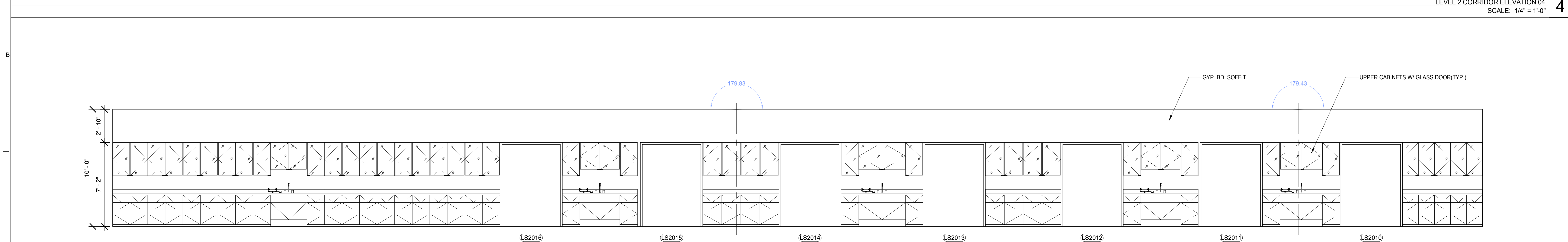
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DRAWING NUMBER
 A-626.00

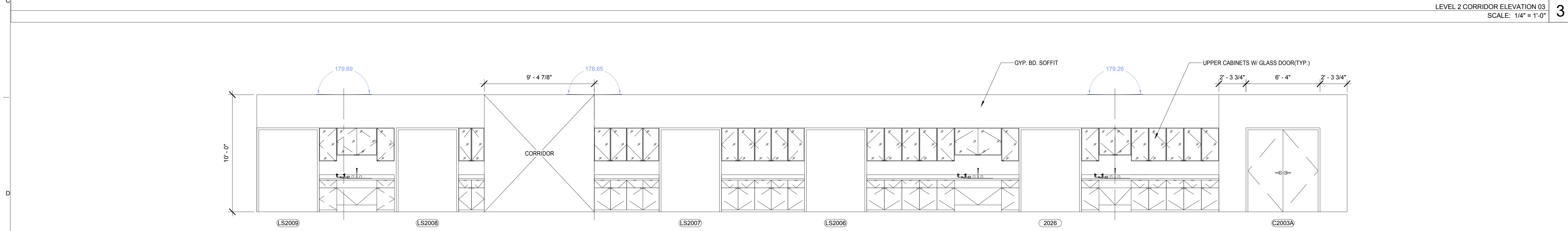
Sheet 259 of 315



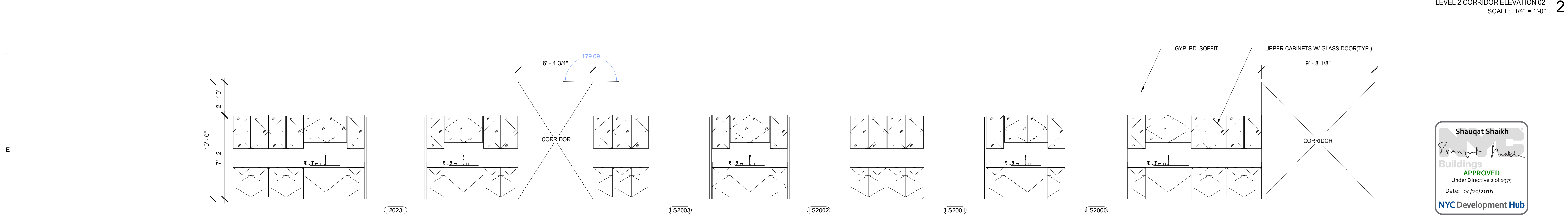
LEVEL 2 CORRIDOR ELEVATION 04
SCALE: 1/4" = 1'-0" 4



LEVEL 2 CORRIDOR ELEVATION 03
SCALE: 1/4" = 1'-0" 3



LEVEL 2 CORRIDOR ELEVATION 02
SCALE: 1/4" = 1'-0" 2



LEVEL 2 CORRIDOR ELEVATION 01
SCALE: 1/4" = 1'-0" 1

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Buildings
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 Date: 04/20/2016
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THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
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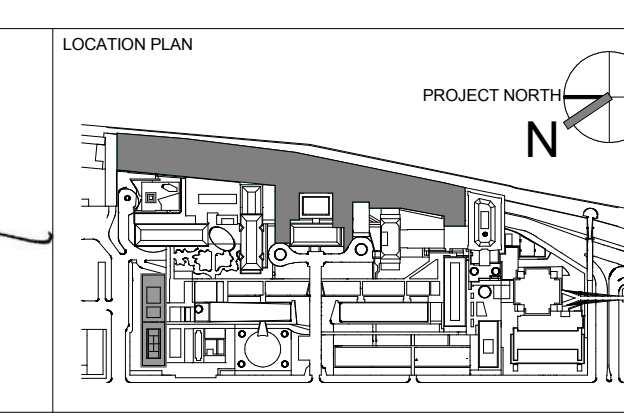
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REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
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ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1/4" = 1'-0"

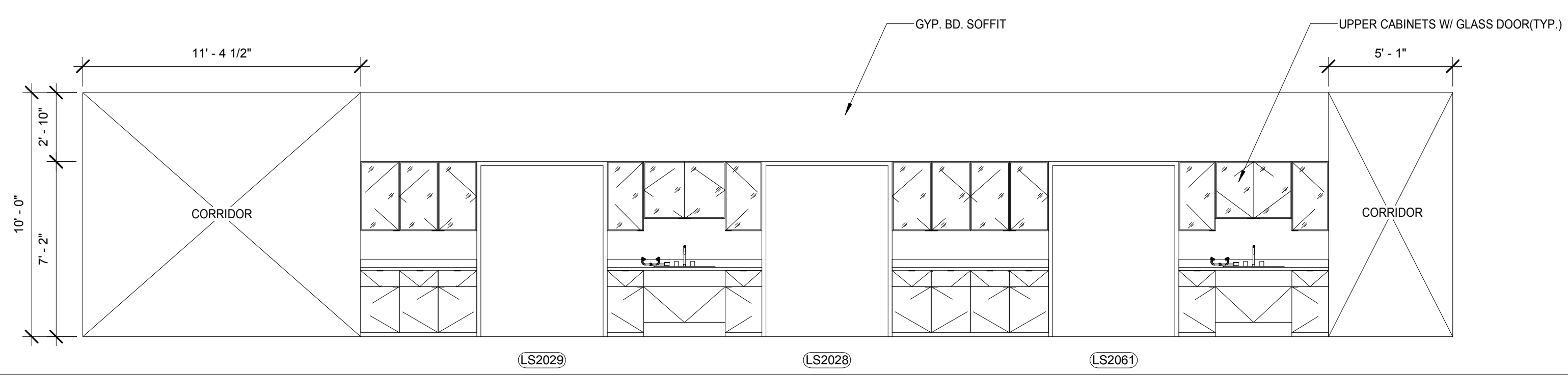
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
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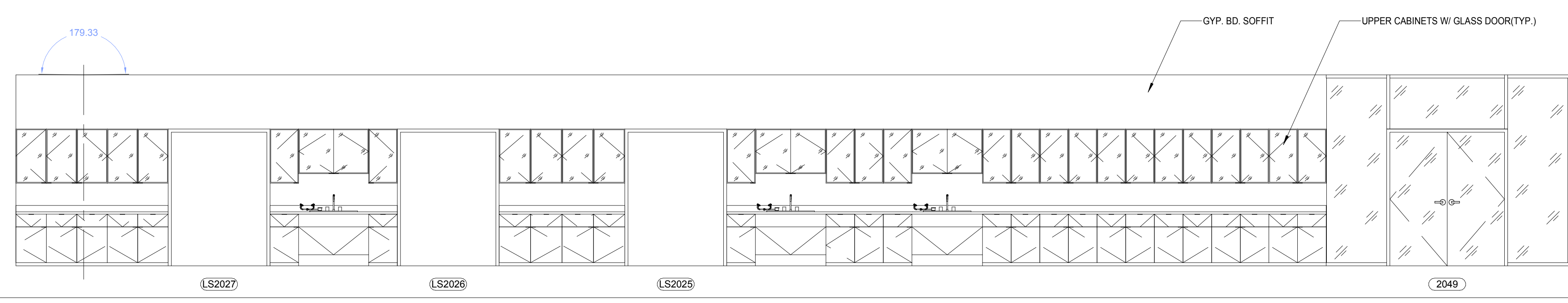
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Sheet 260 of 315

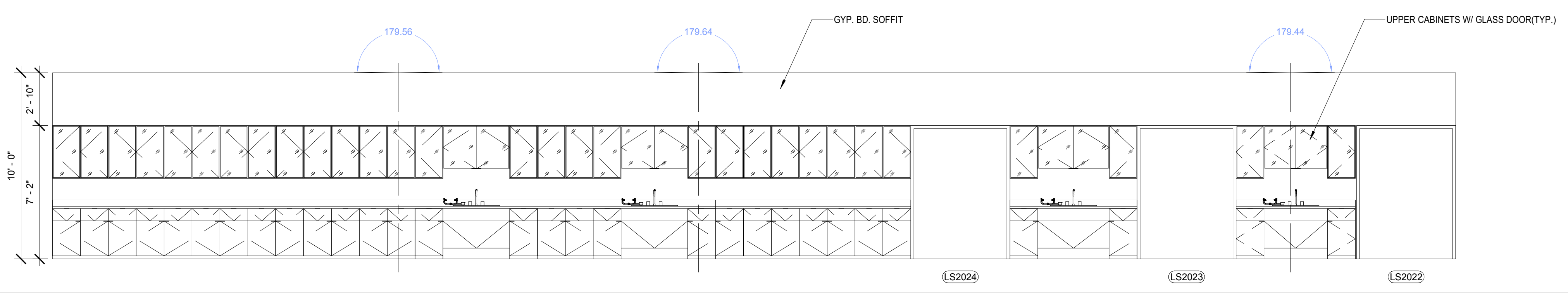
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LEVEL 2 CORRIDOR ELEVATION 07
SCALE: 1/4" = 1'-0" 3



LEVEL 2 CORRIDOR ELEVATION 06
SCALE: 1/4" = 1'-0" 2



LEVEL 2 CORRIDOR ELEVATION 05
SCALE: 1/4" = 1'-0" 1

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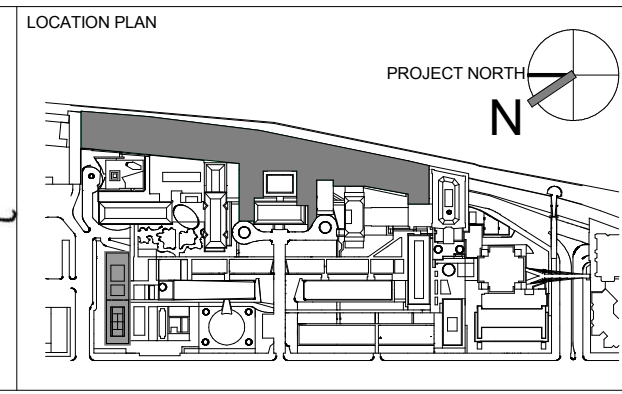
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 DOUGLAS BARON
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
 LEVEL 2 CORRIDOR ELEVATION 02

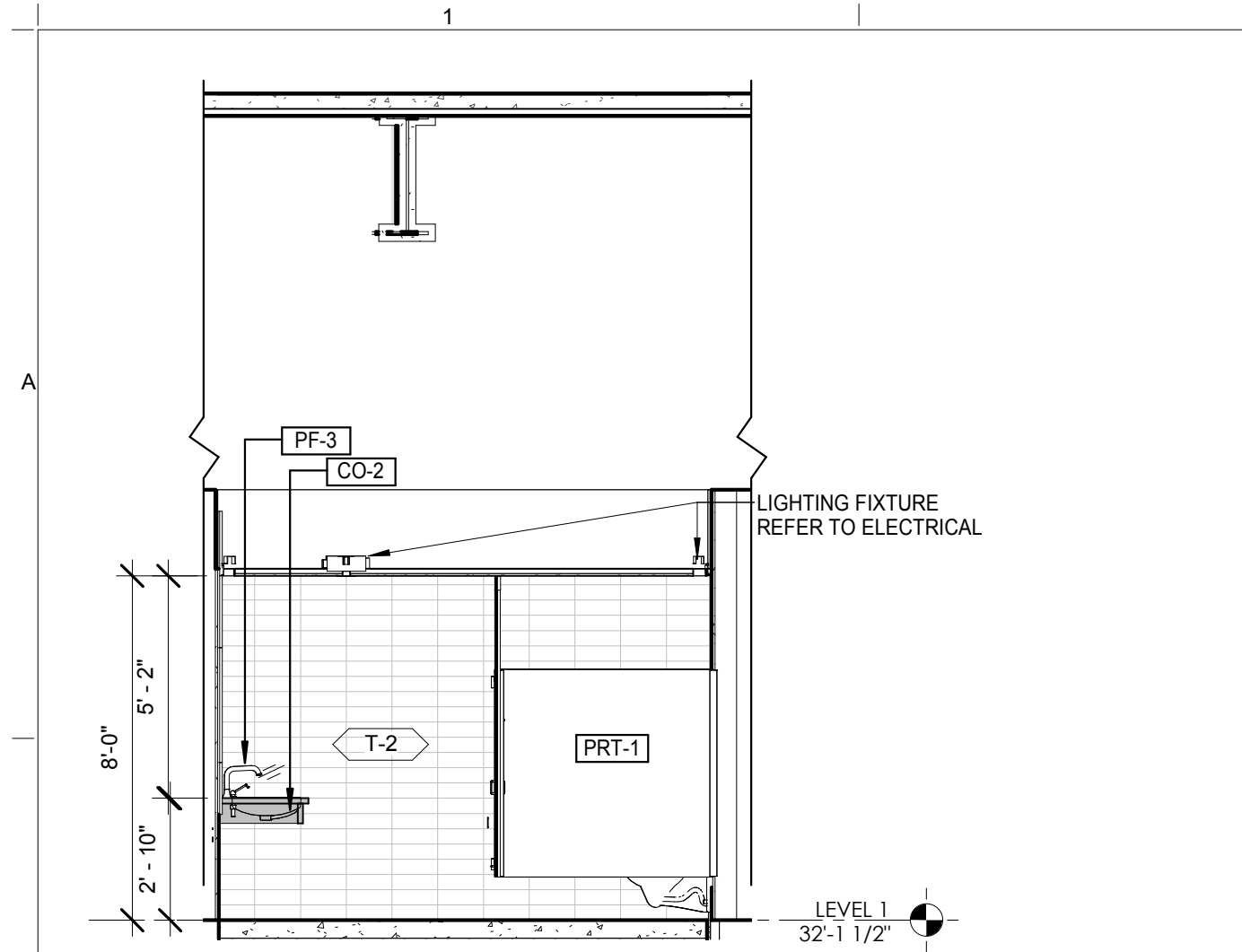
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DRAWING SIZE
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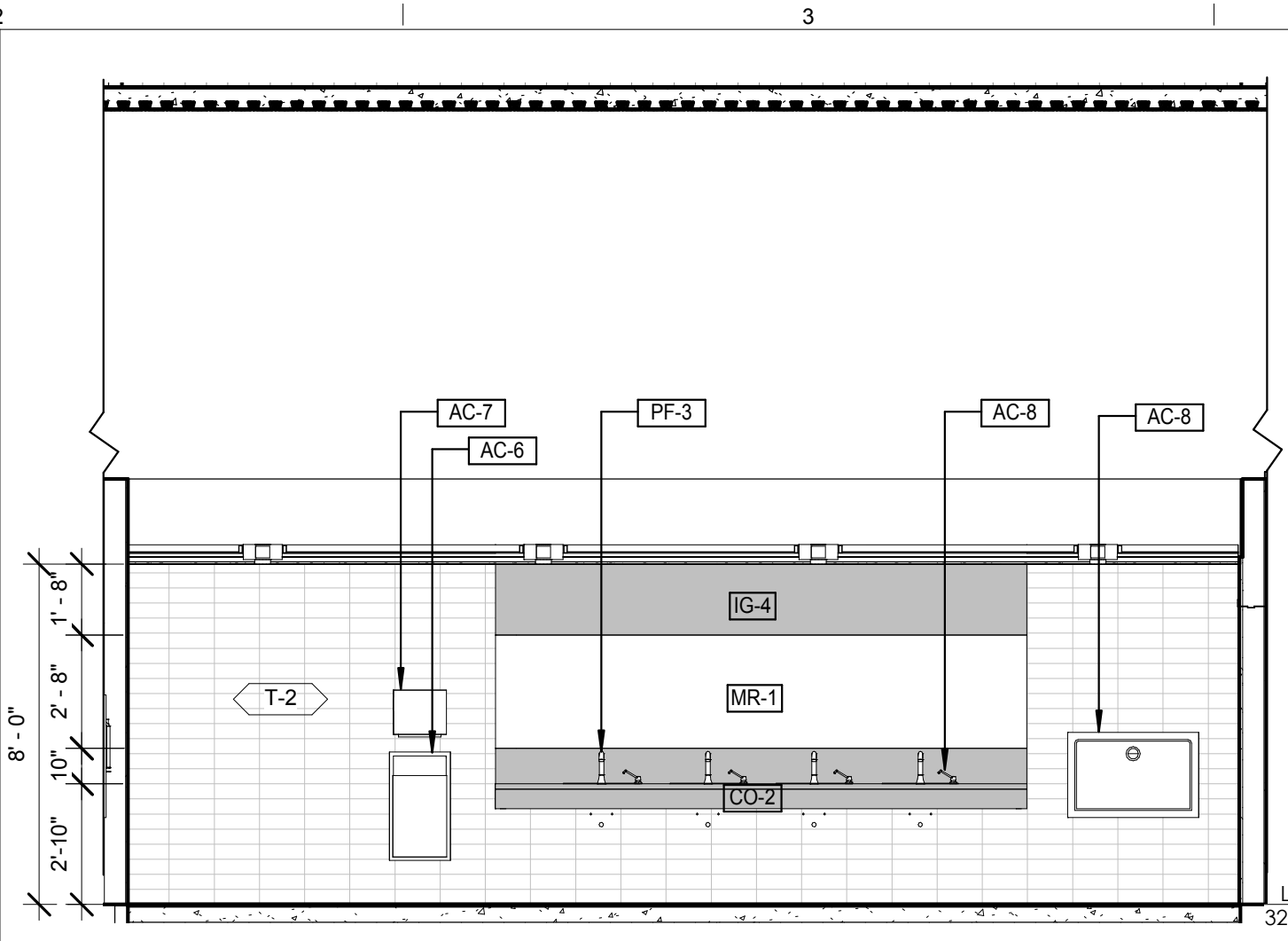
DRAWING SCALE
 1/4" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

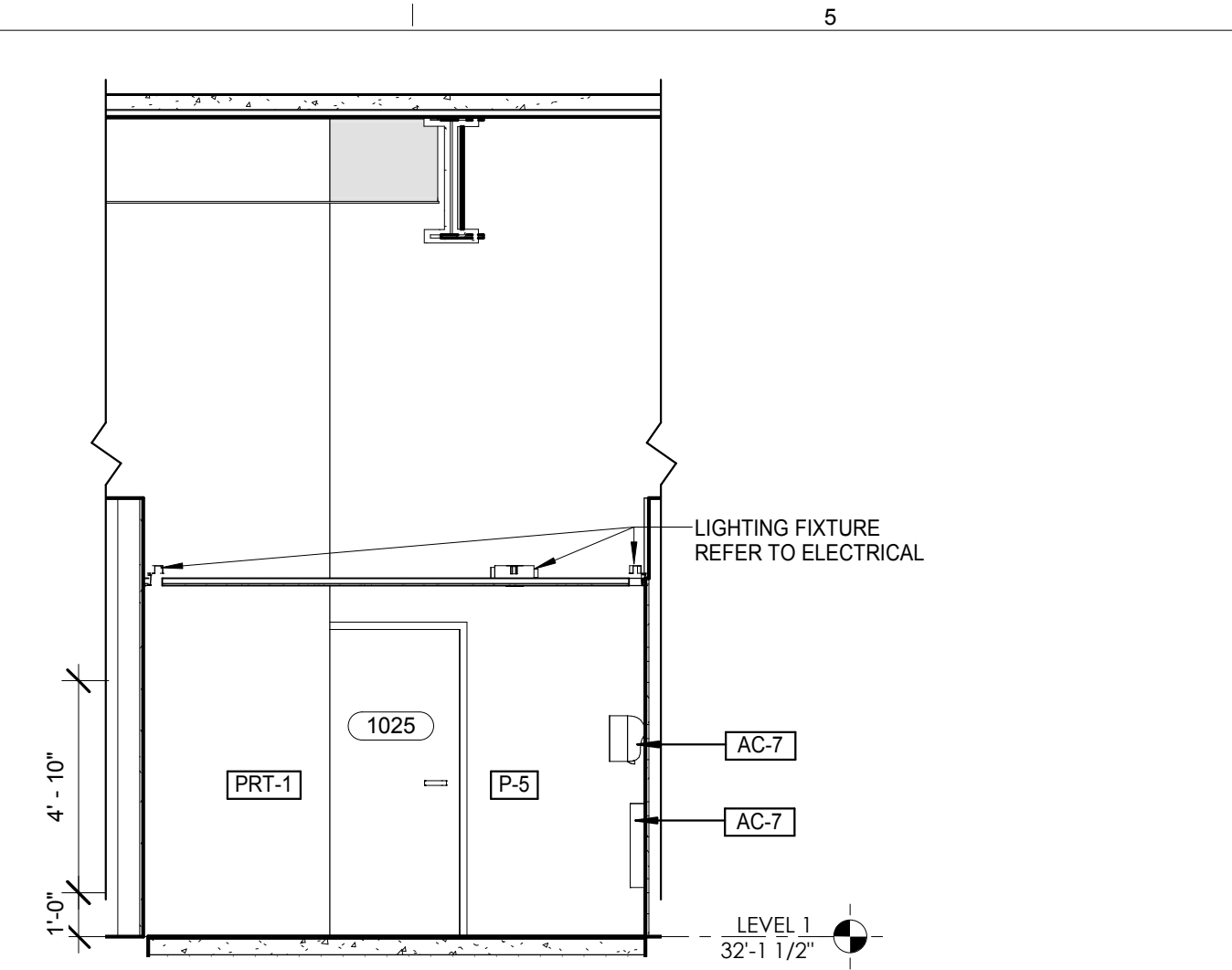
Sheet 261 of 315



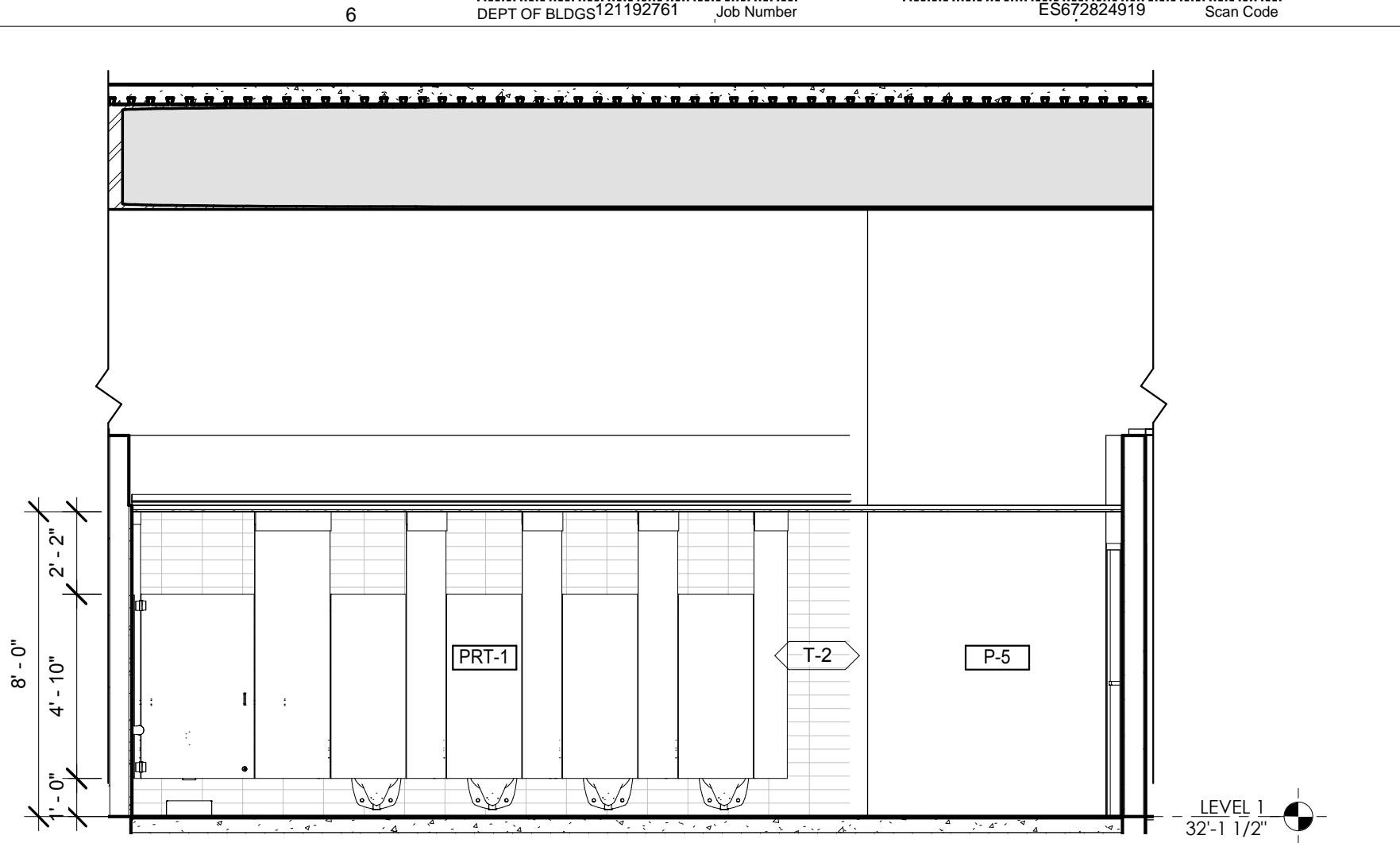
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



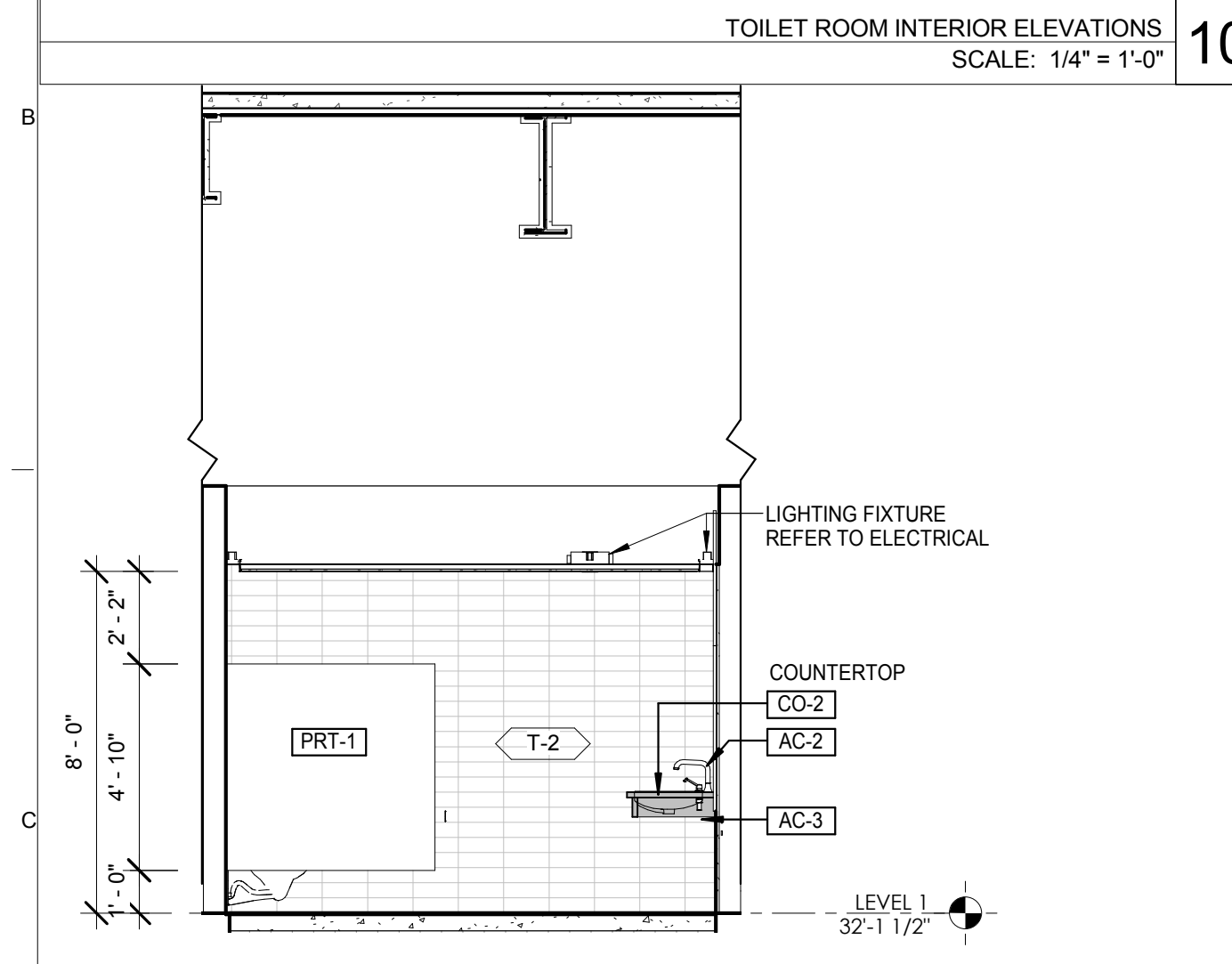
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



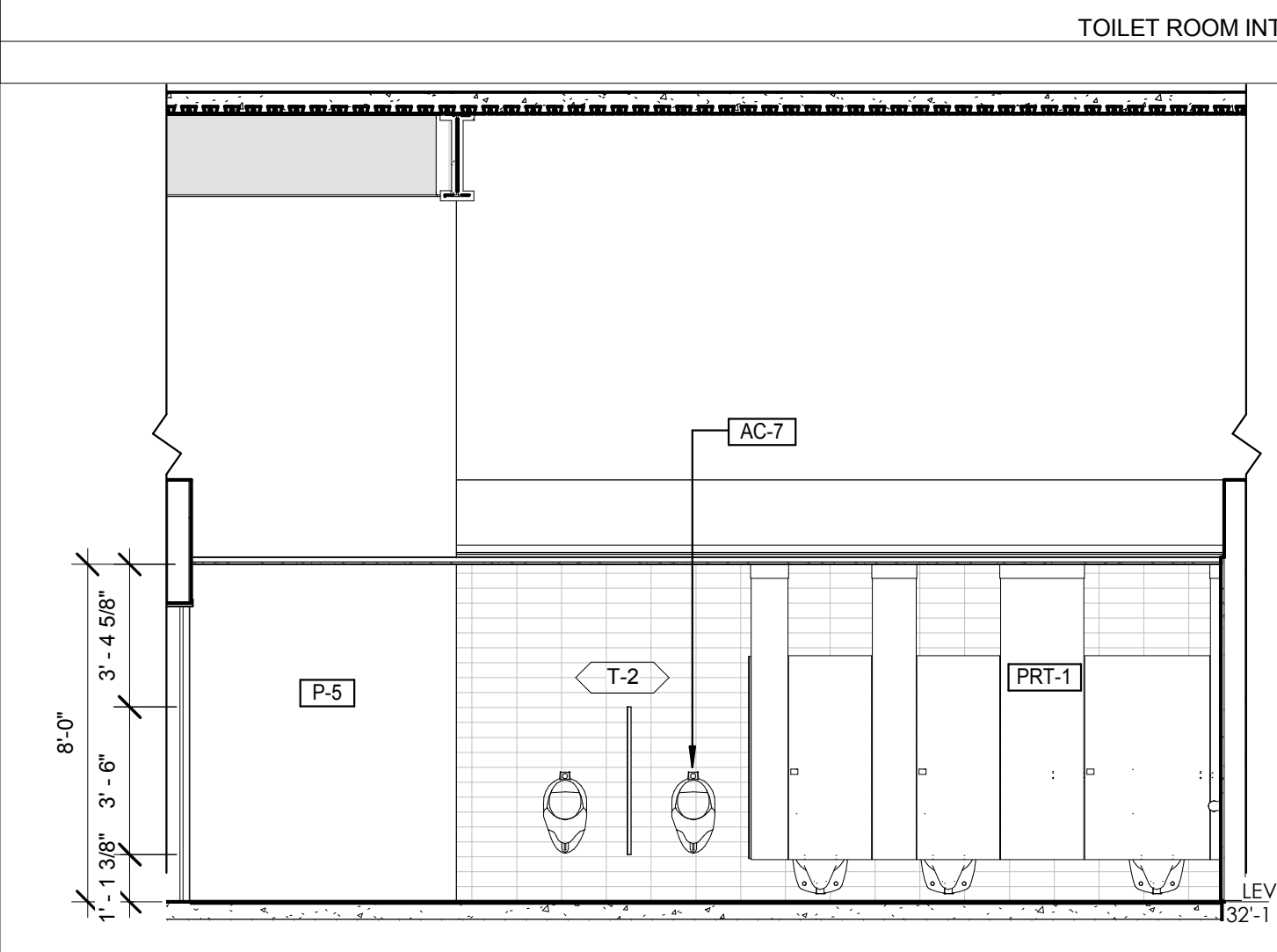
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



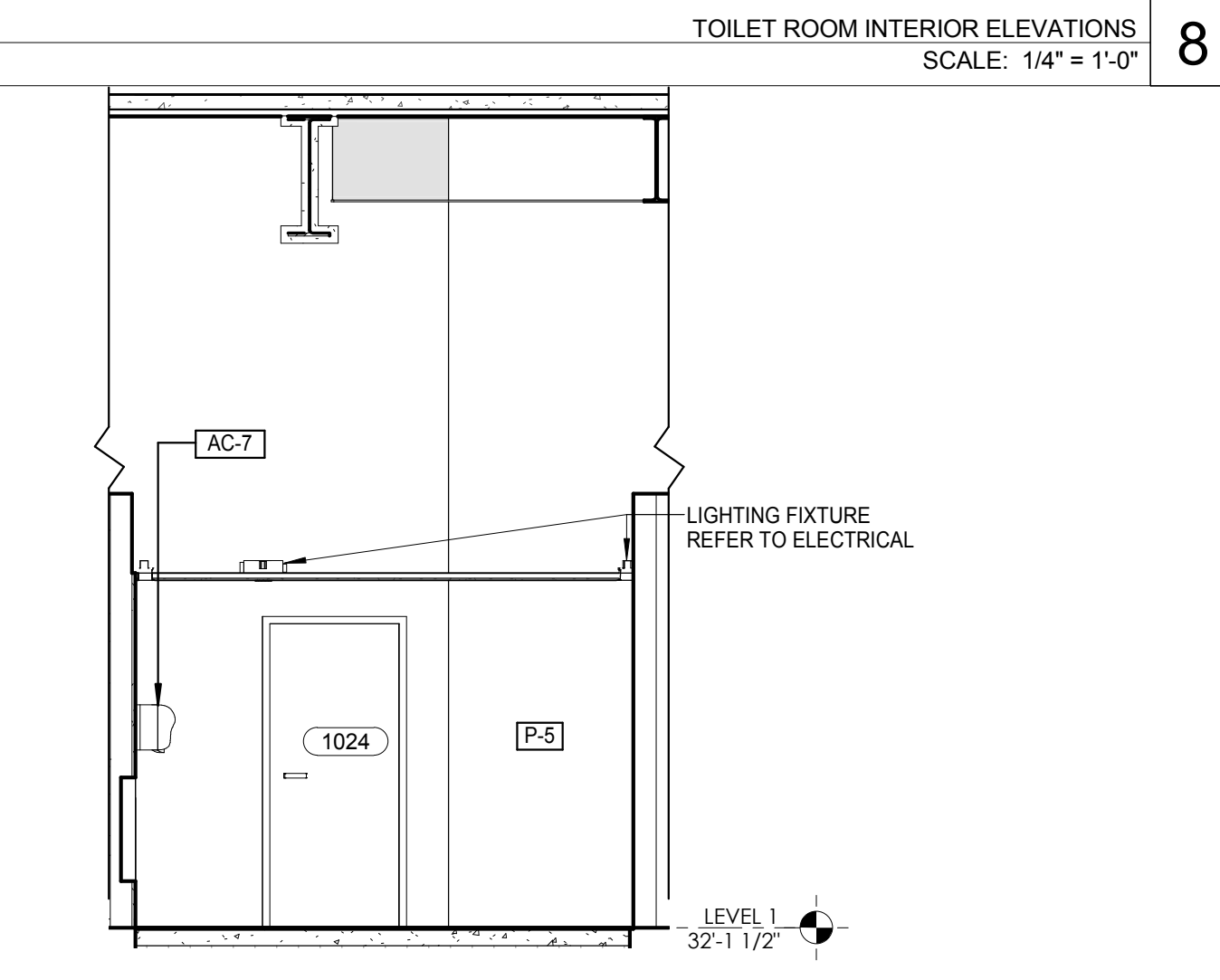
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



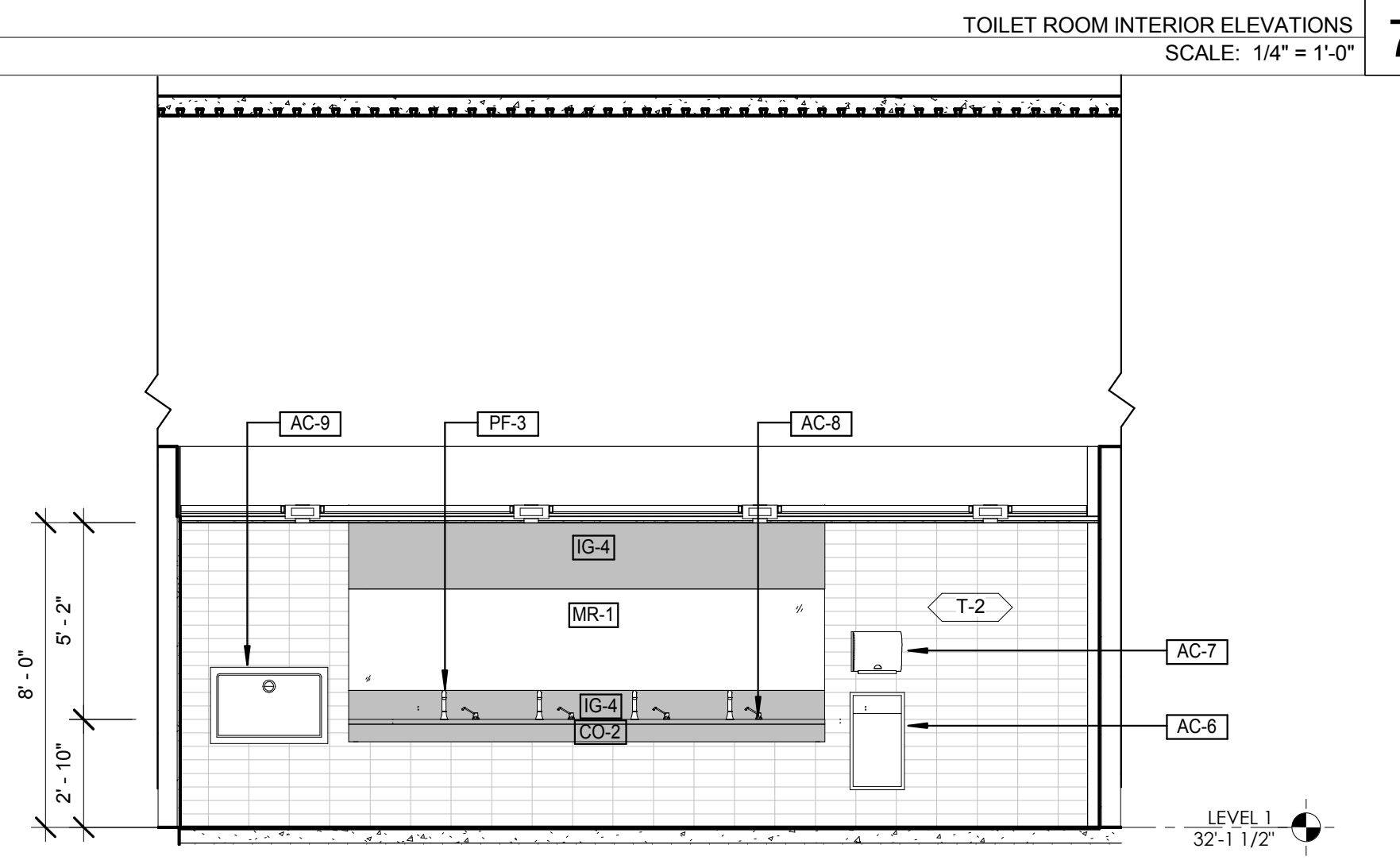
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

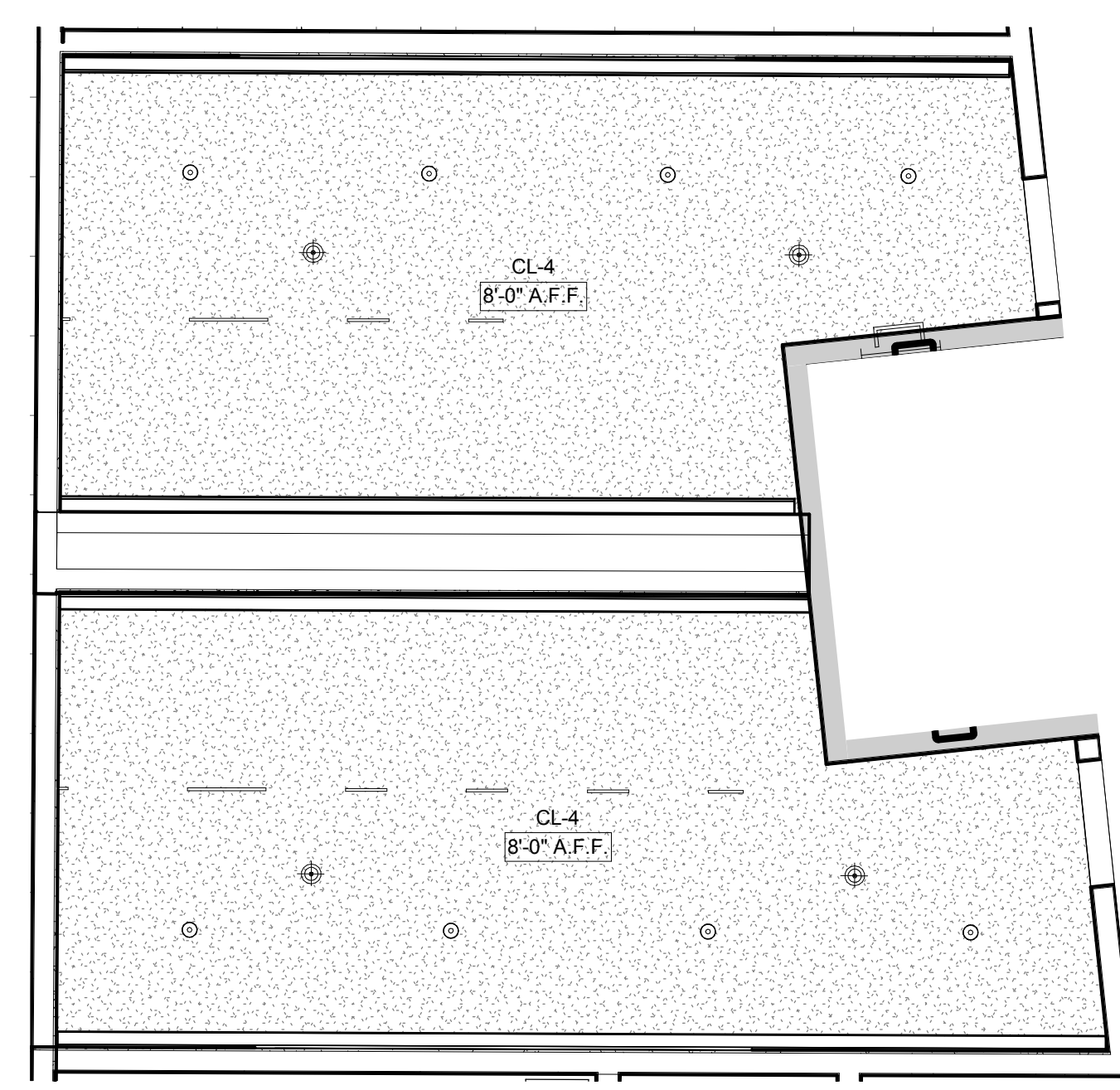


TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

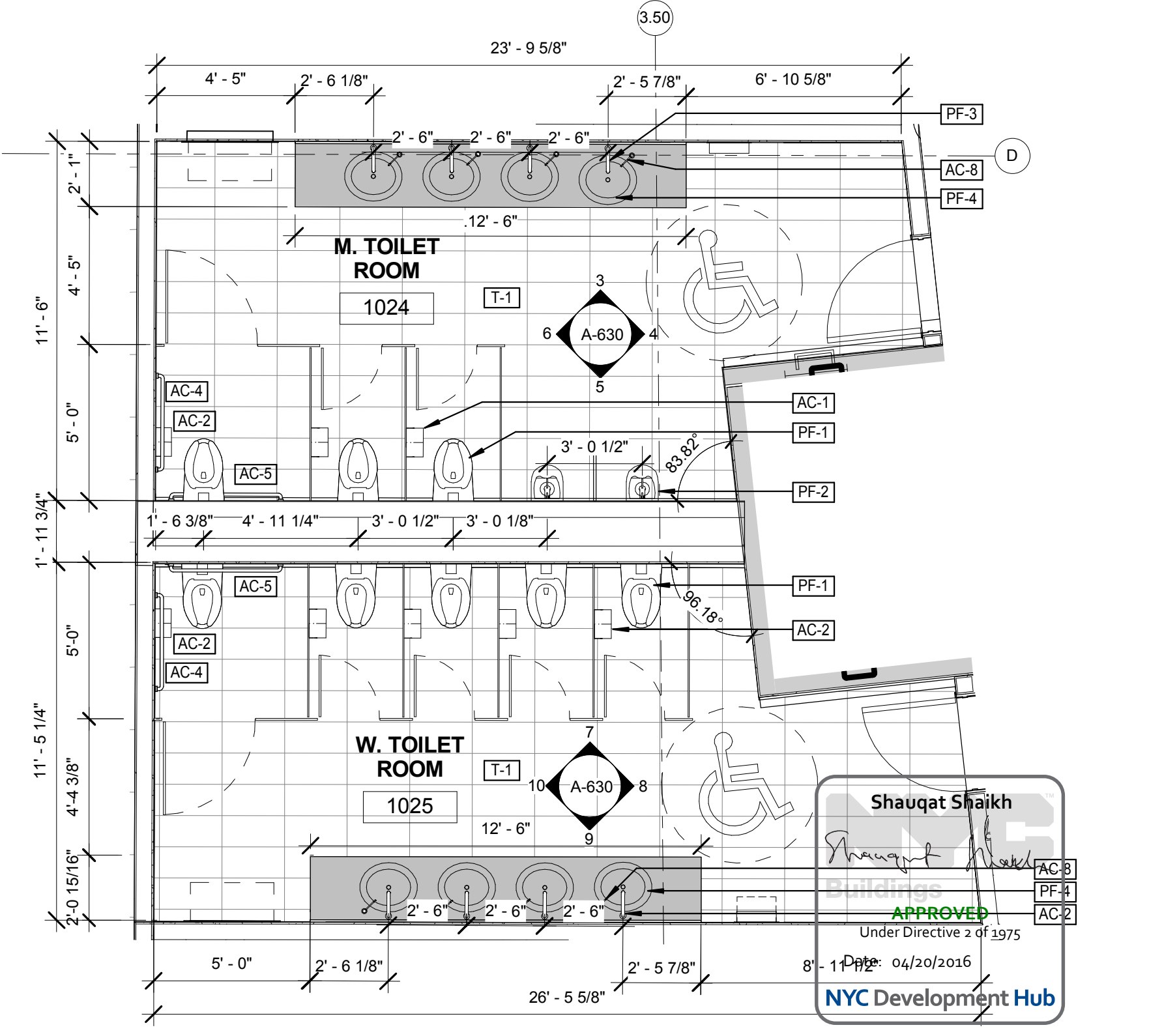


TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

NOTE:
 1. REFER TO DRAWING A- 820 FOR ACCESSORIES SCHEDULE.
 2. REFER TO FINISH SCHEDULE ON A-820 FOR ALL FLOOR, WALL COUNTER TOP, MIRROR FINISHES, TOILET PARTITION TYPE.
 3. REFER TO P-001 FOR PLUMBING FIXTURE SCHEDULE.
 4. REFER TO A-077 FOR ADA REQUIREMENTS



SECTOR B LEVEL 1 ENLARGED RESTROOM RCP
SCALE: 1/4" = 1'-0"



TOILET ROOM ENLARGED PLAN
SCALE: 1/4" = 1'-0"

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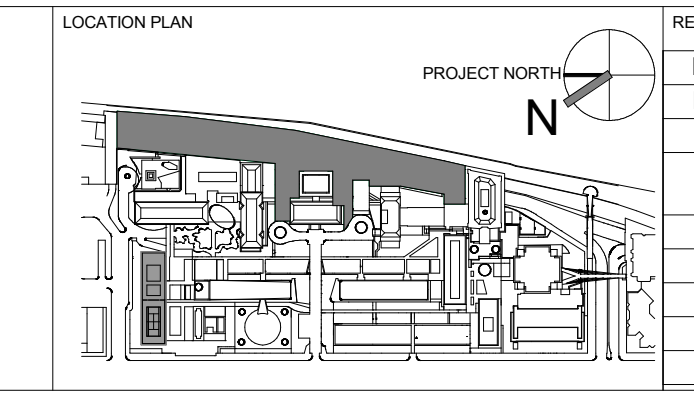
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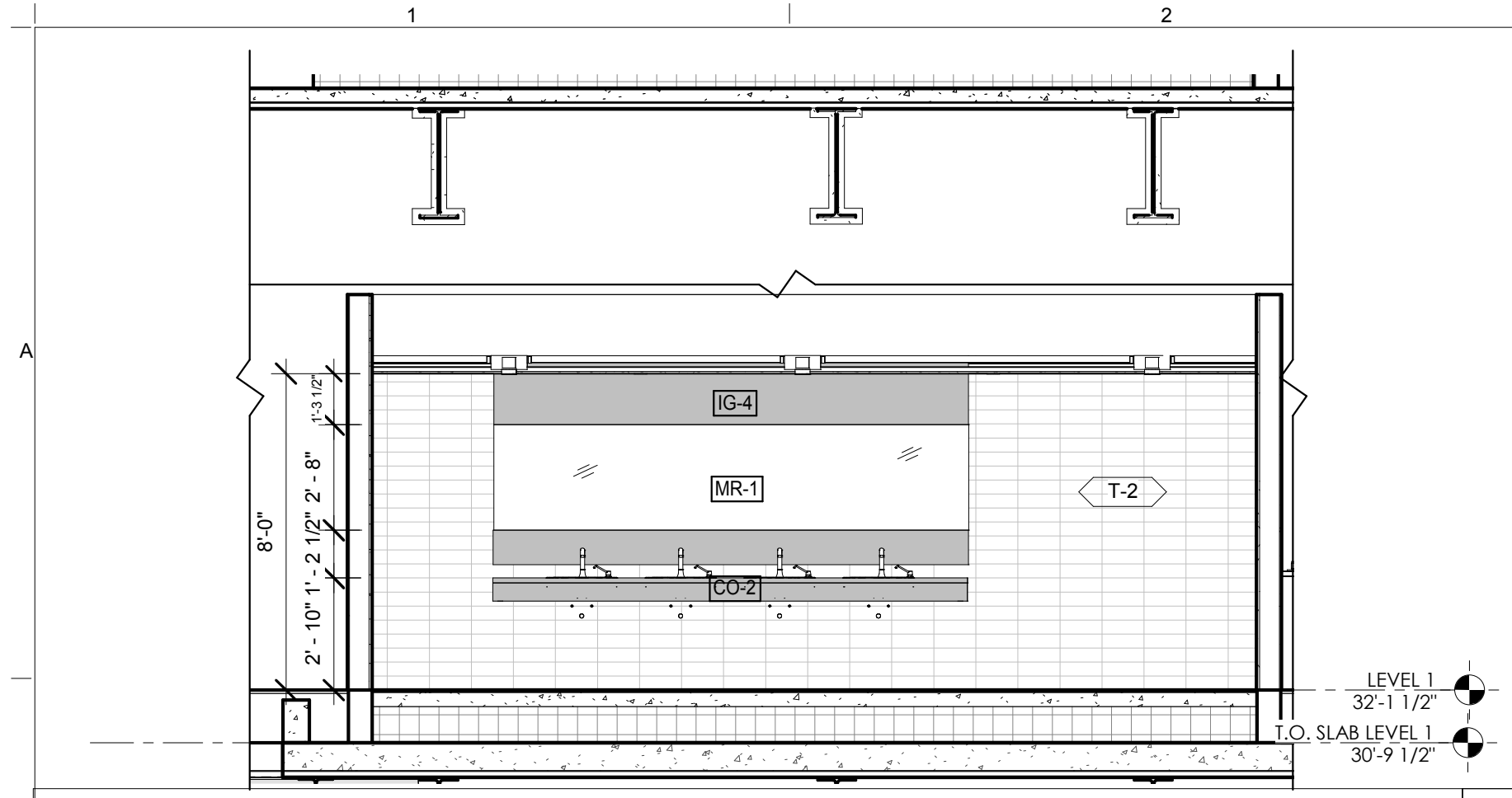


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
E	DESIGN DEVELOPMENT	23-MAR-15	
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION -RB	16-DEC-15	

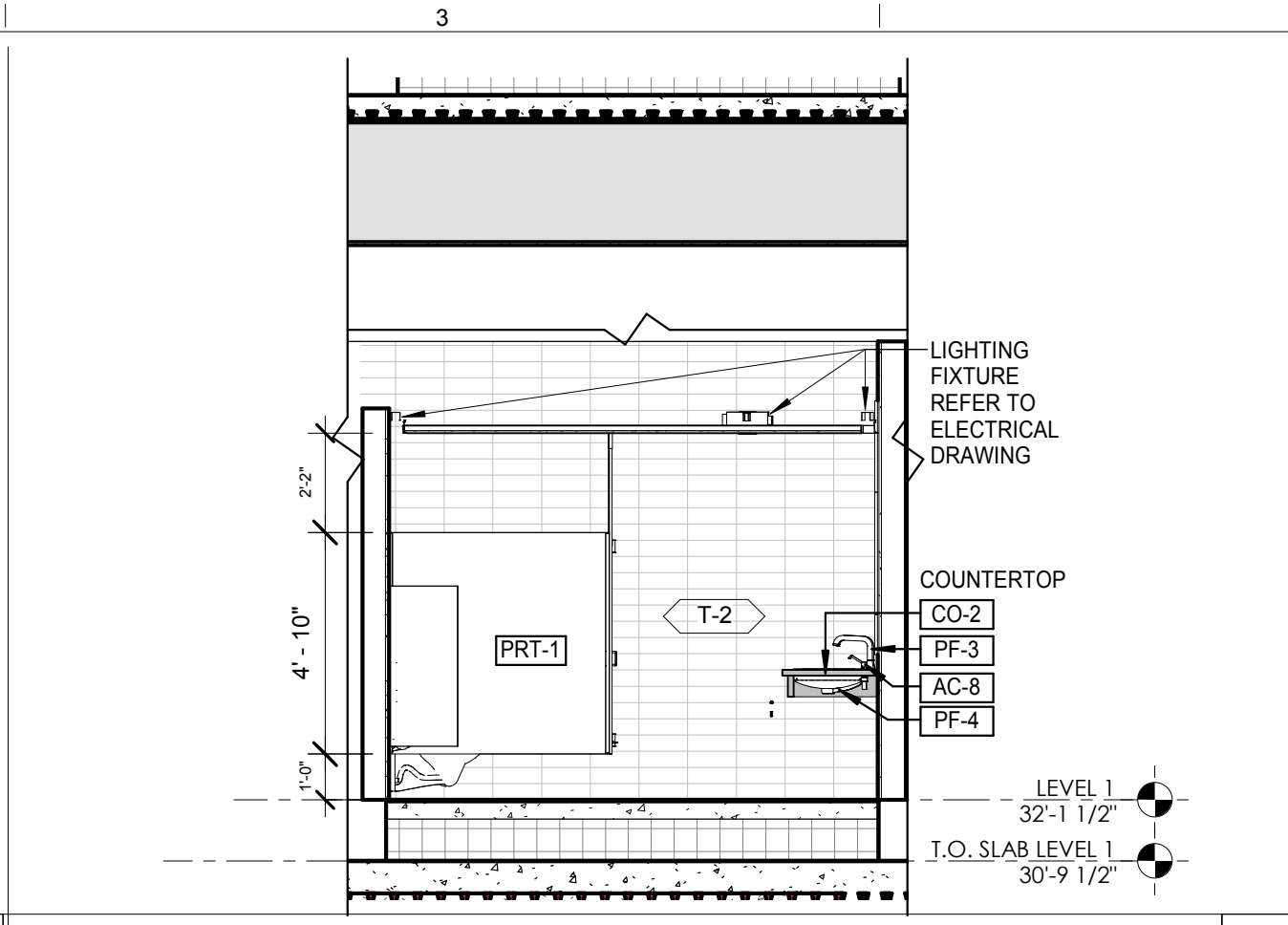
SECTOR B LEVEL 1&2 TOILET ROOM PLANS & ELEVATIONS

DRAWING NUMBER: **A-630.00**

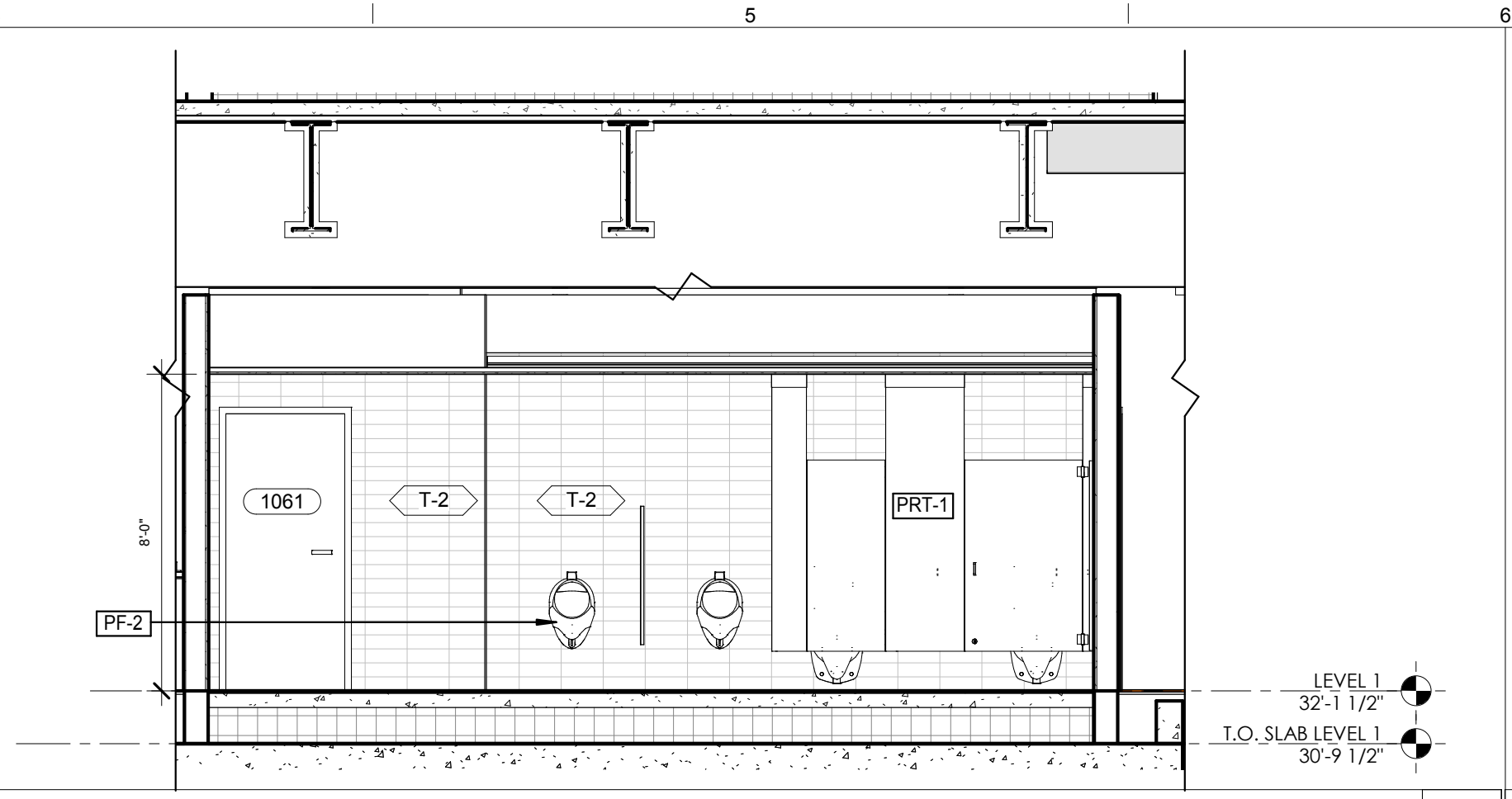
Sheet 262 of 315



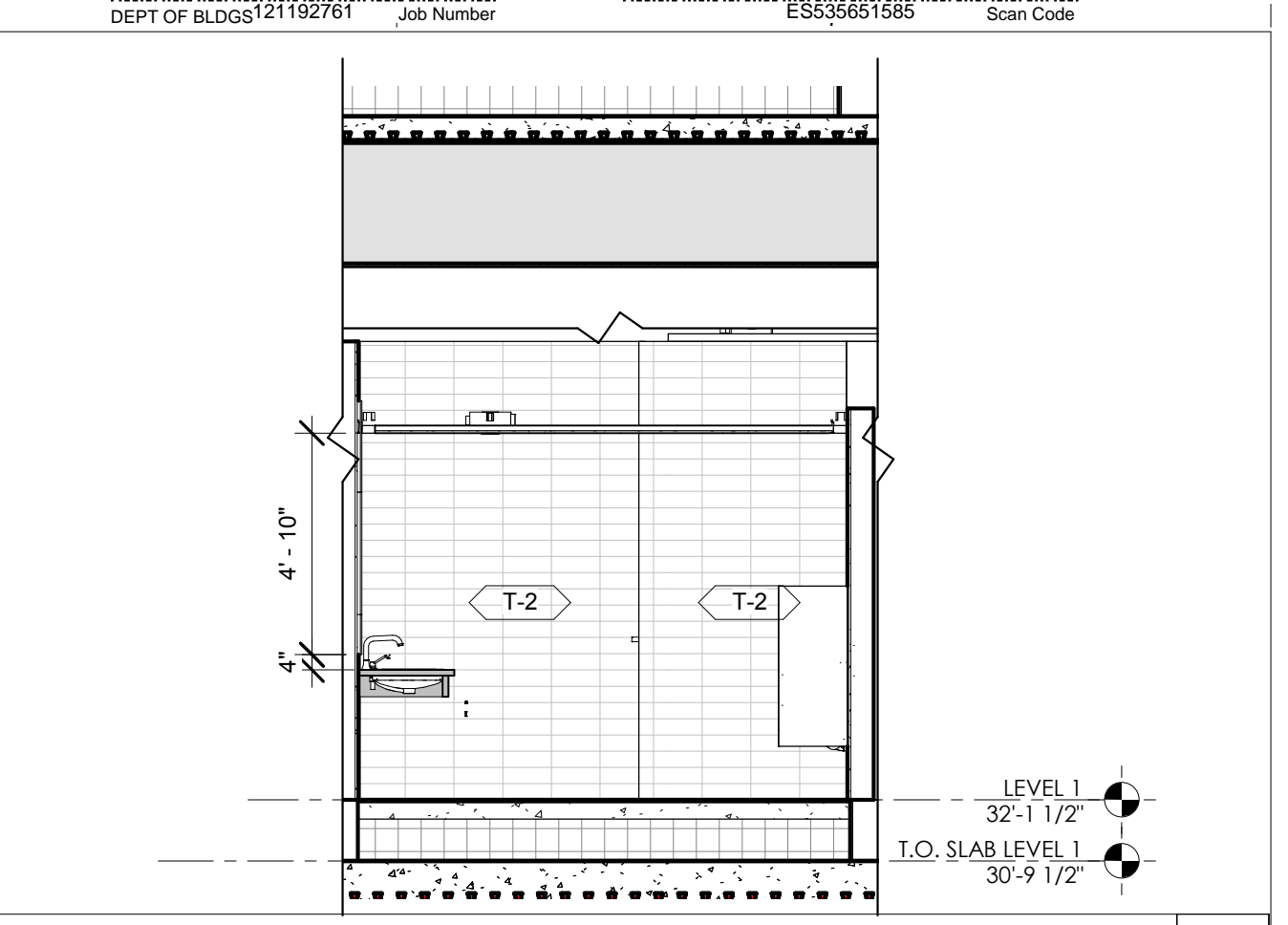
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0" 12



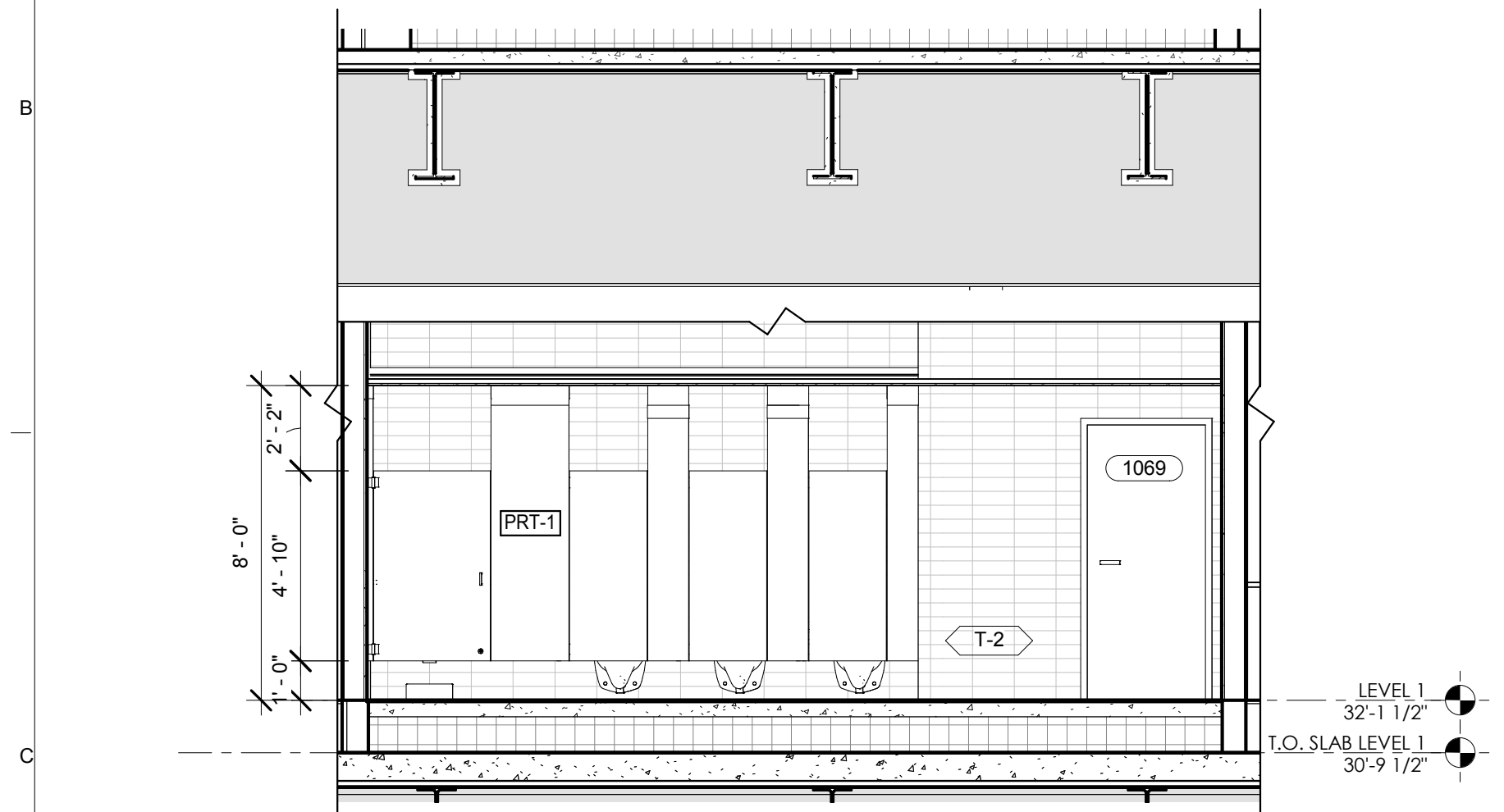
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0" 11



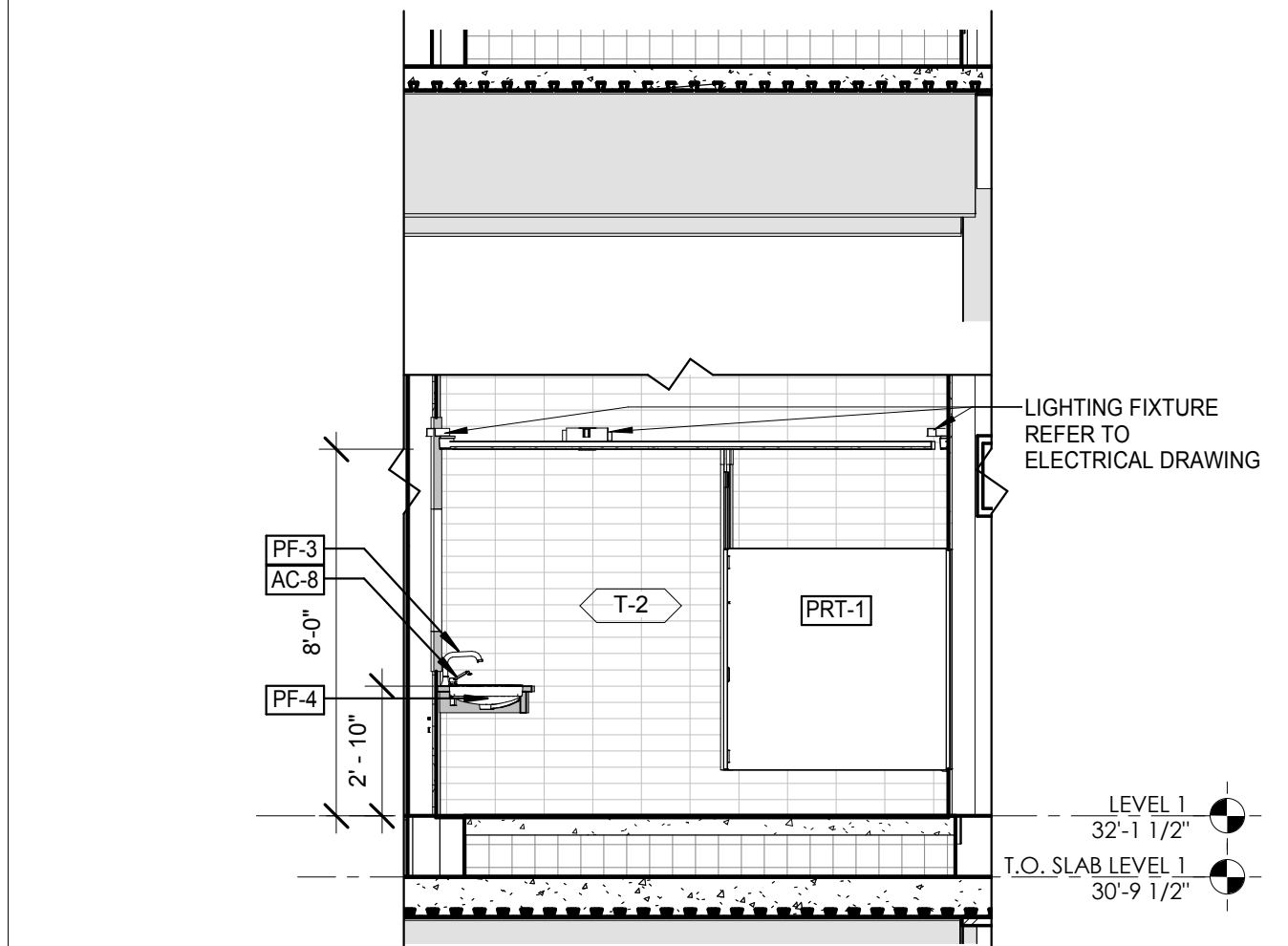
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0" 10



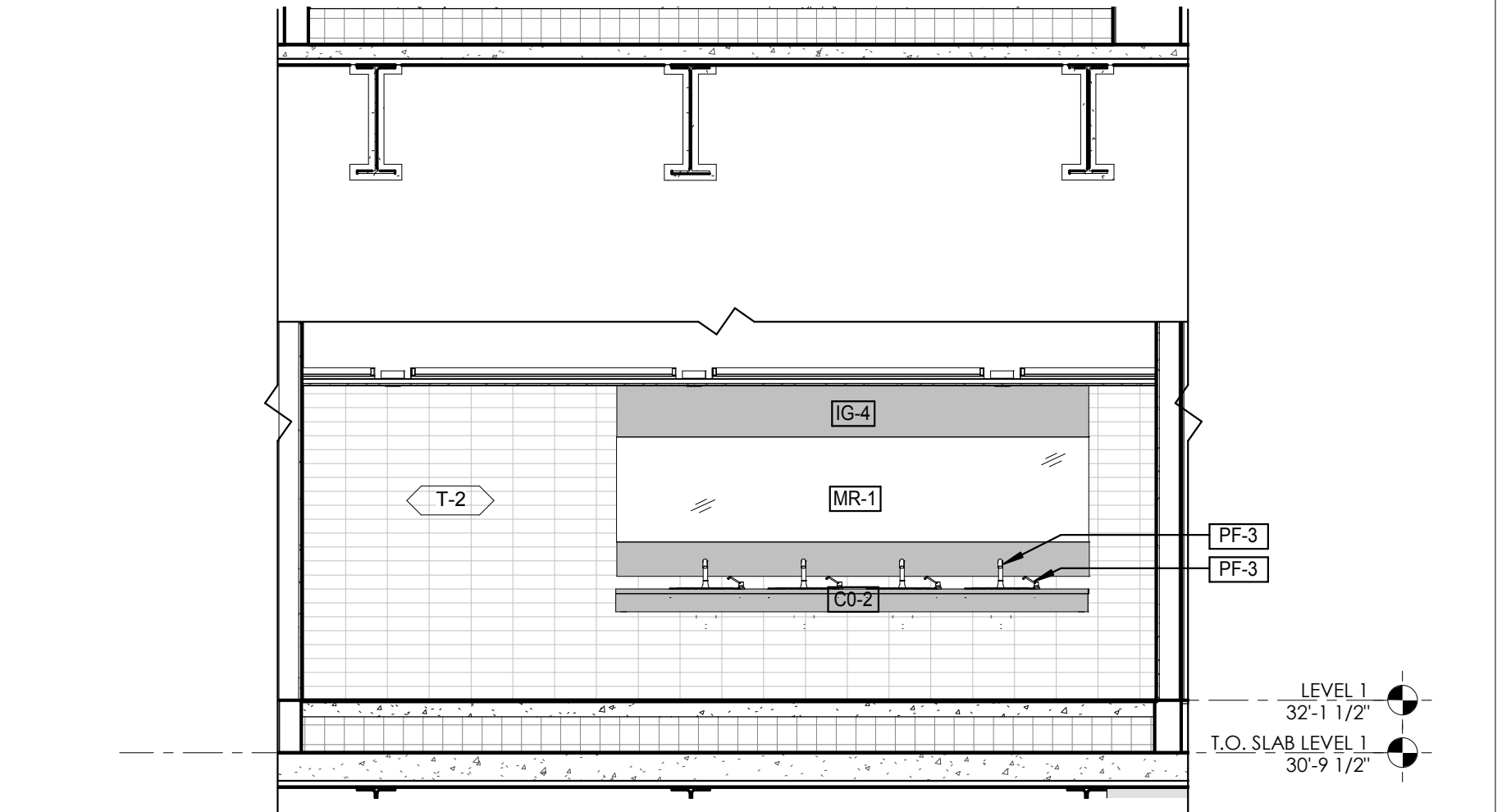
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0" 9



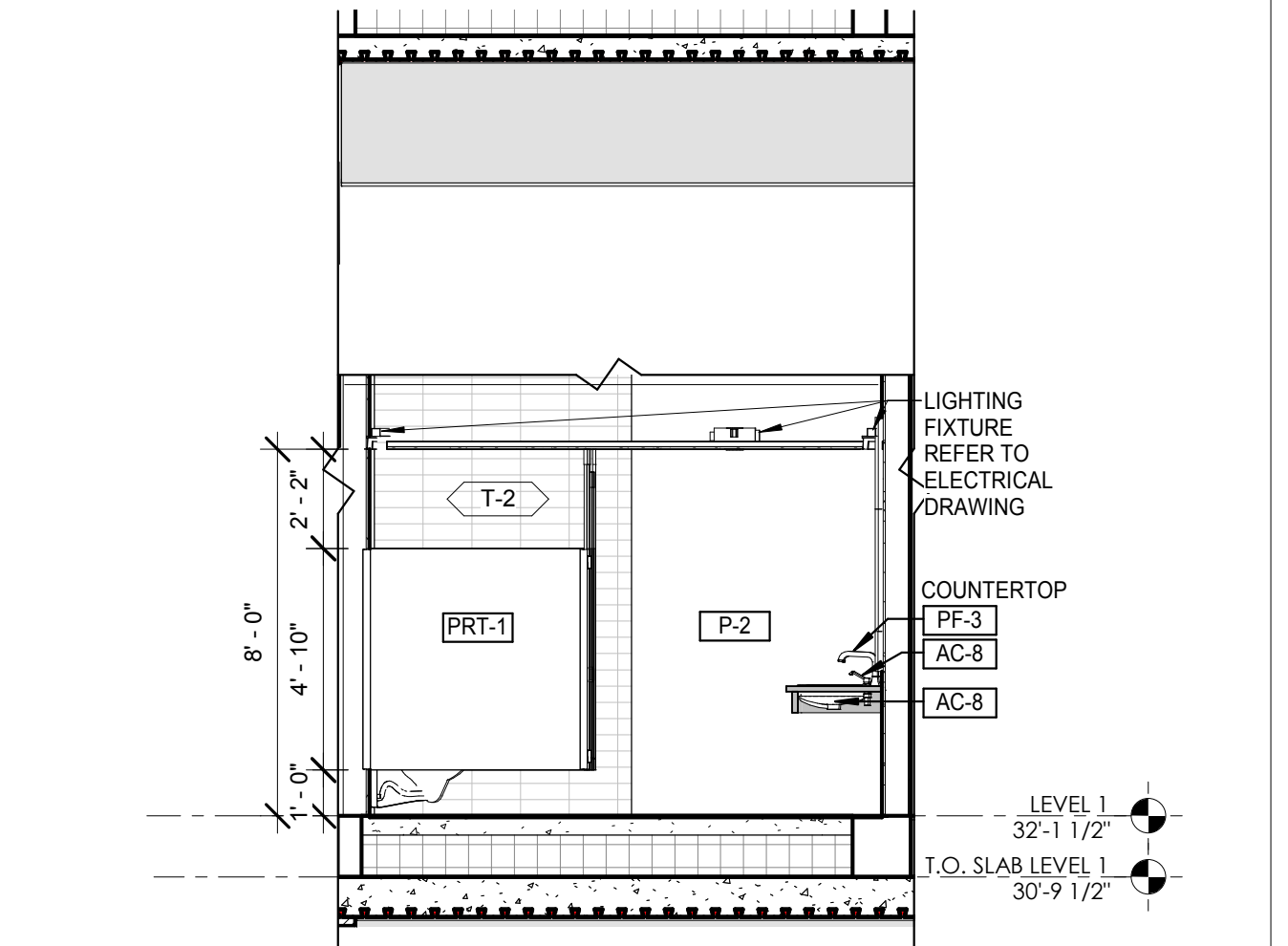
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0" 8



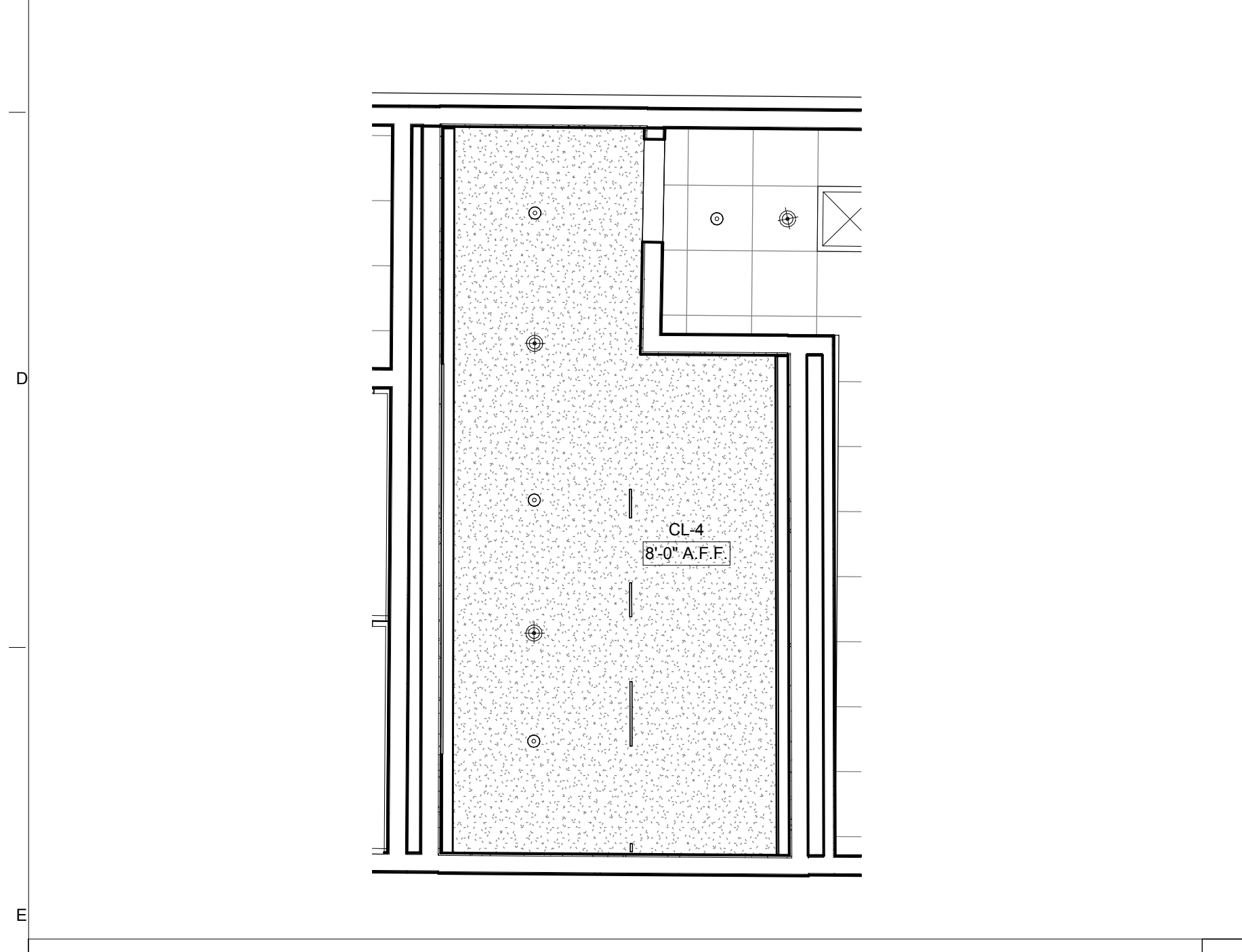
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0" 7



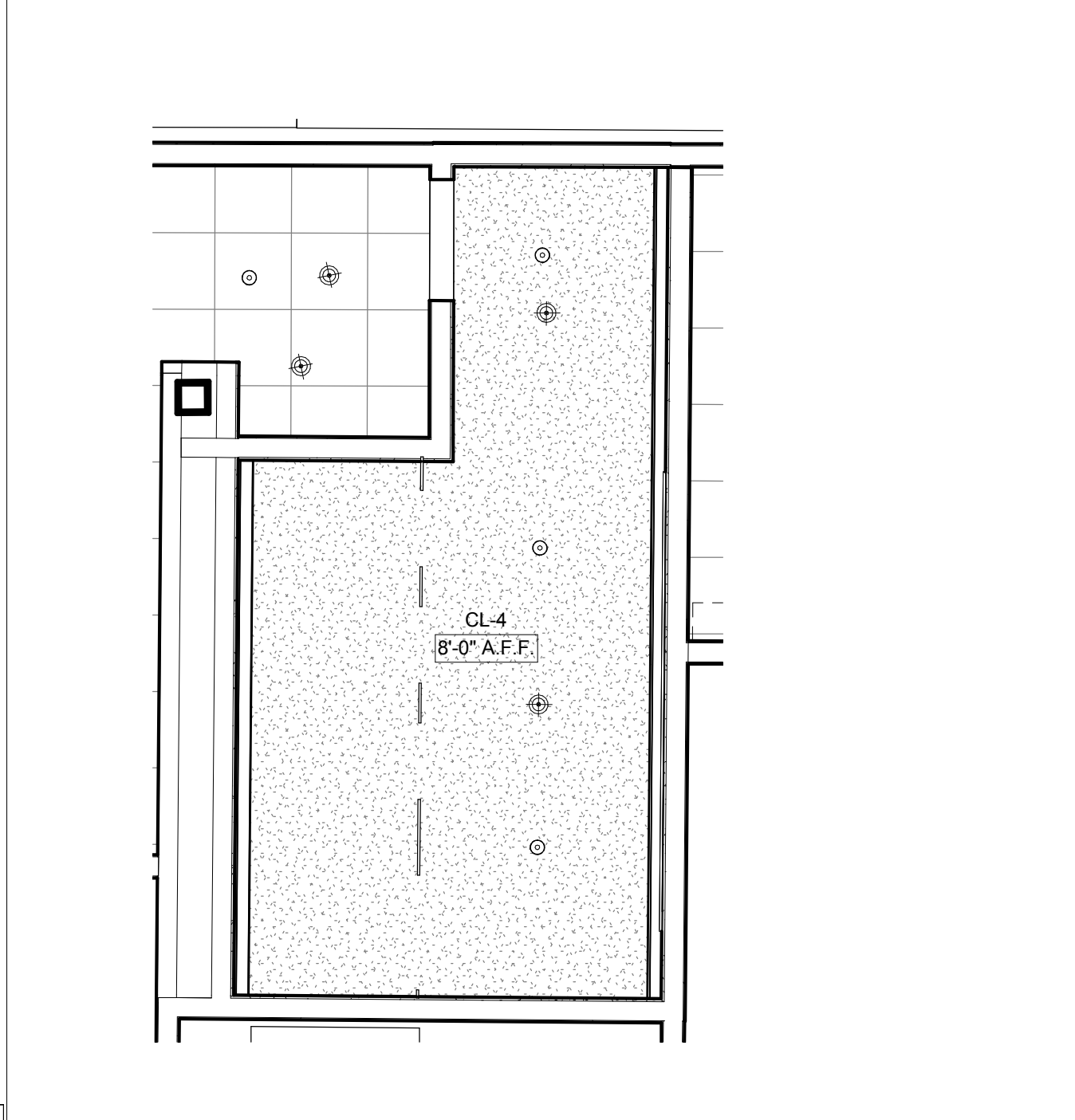
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0" 6



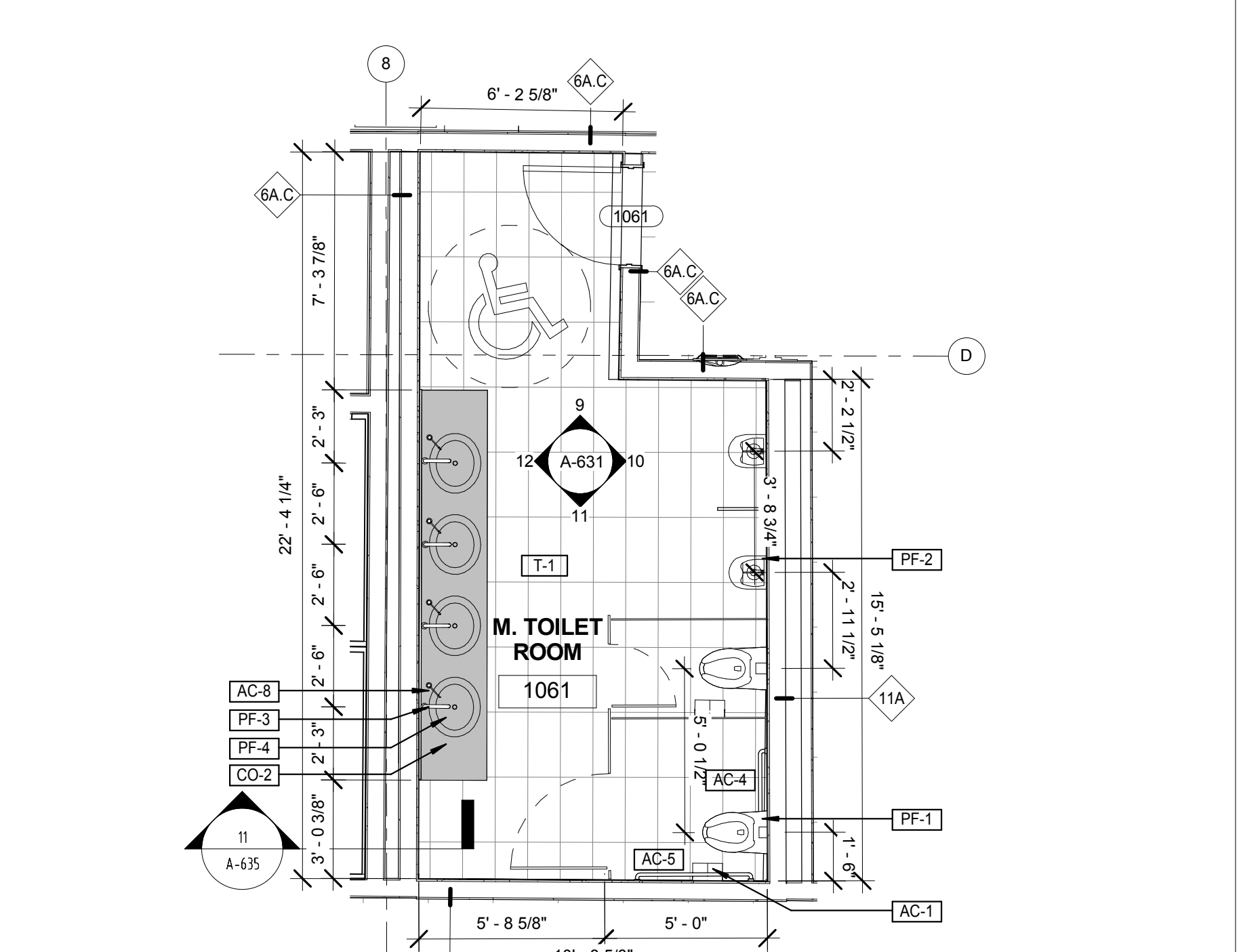
TOILET ROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0" 5



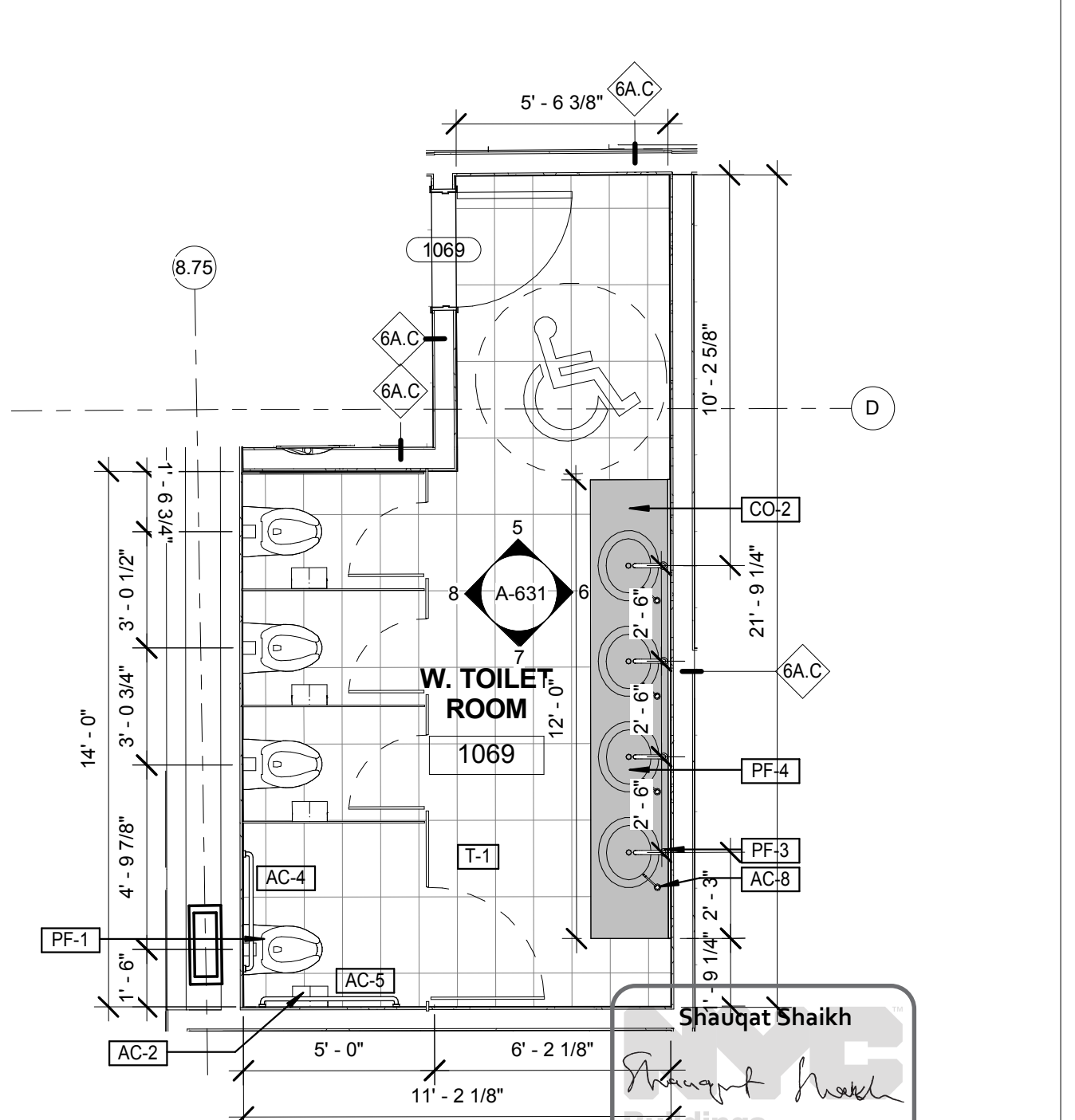
SECTOR D LEVEL 1 RESTROOM ENLARGED RCP
SCALE: 1/4" = 1'-0" 4



SECTOR E LEVEL 1 RESTROOM ENLARGED RCP PLAN
SCALE: 1/4" = 1'-0" 3



M. TOILET ROOM ENLARGED PLAN
SCALE: 1/4" = 1'-0" 2



W. TOILET ROOM ENLARGED PLAN
SCALE: 1/4" = 1'-0" 1

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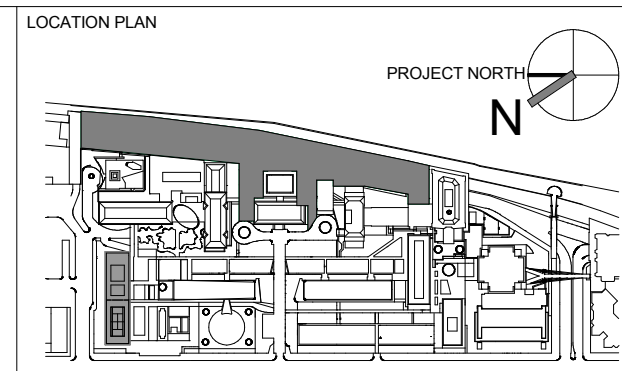
STRUCTURAL ENGINEER
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
E	DESIGN DEVELOPMENT	23-MAR-15
1	PROGRESS SET	30-OCT-15
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ARCHITECTS PROJECT NUMBER	DRAWING TITLE
664.100	SECTOR D & E LEVEL 1&2 TOILET ROOM PLAN & ELEVATIONS
	DRAWING SIZE 24" x 36"
	DRAWING SCALE 1/4" = 1'-0"
	PROJECT PHASE CONSTRUCTION DOCUMENTS

Shauqat Shaikh
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub

A-631.00
Sheet 263 of 315

LEVEL 2 JANITOR'S CLOSET ELEVATION 04 SCALE: 1/4" = 1'-0" **18**

LEVEL 2 JANITOR'S CLOSET ELEVATION 03 SCALE: 1/4" = 1'-0" **17**

LEVEL 2 JANITOR'S CLOSET ELEVATION 02 SCALE: 1/4" = 1'-0" **16**

LEVEL 2 JANITOR'S CLOSET ELEVATION 01 SCALE: 1/4" = 1'-0" **15**

LEVEL 2 JANITOR'S CLOSET ENLARGED PLAN SCALE: 1/4" = 1'-0" **14**

LEVEL 1 JANITOR'S CLOSET ENLARGED PLAN SCALE: 1/4" = 1'-0" **13**

LEVEL 2 WC ELEVATION 04 SCALE: 1/4" = 1'-0" **12**

LEVEL 2 WC ELEVATION 03 SCALE: 1/4" = 1'-0" **11**

LEVEL 2 WC ELEVATION 02 SCALE: 1/4" = 1'-0" **10**

LEVEL 2 WC ELEVATION 01 SCALE: 1/4" = 1'-0" **9**

LEVEL 2 WC RCP SCALE: 1/4" = 1'-0" **8**

LEVEL 2 WC ENLARGED PLAN SCALE: 1/4" = 1'-0" **7**

LEVEL 1 WC ELEVATION 04 SCALE: 1/4" = 1'-0" **6**

LEVEL 1 WC ELEVATION 03 SCALE: 1/4" = 1'-0" **5**

LEVEL 1 WC ELEVATION 02 SCALE: 1/4" = 1'-0" **4**

LEVEL 1 WC ELEVATION 01 SCALE: 1/4" = 1'-0" **3**

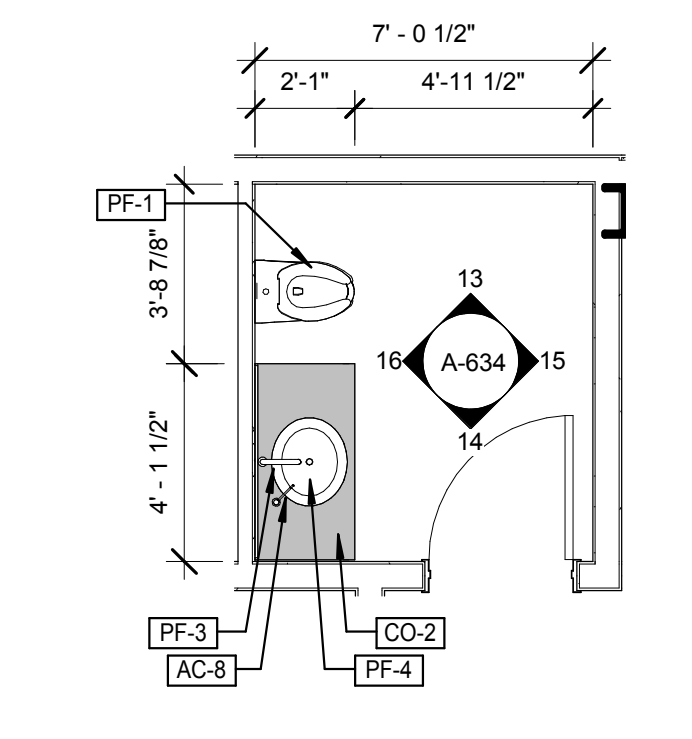
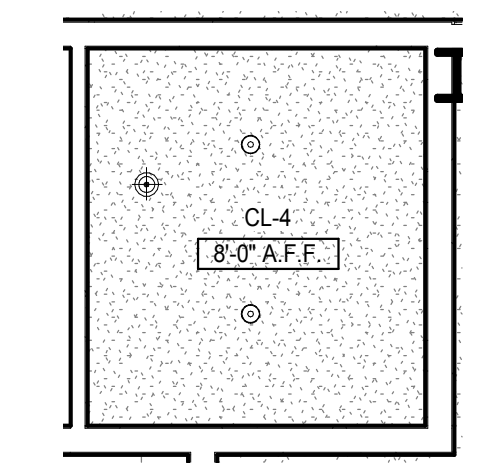
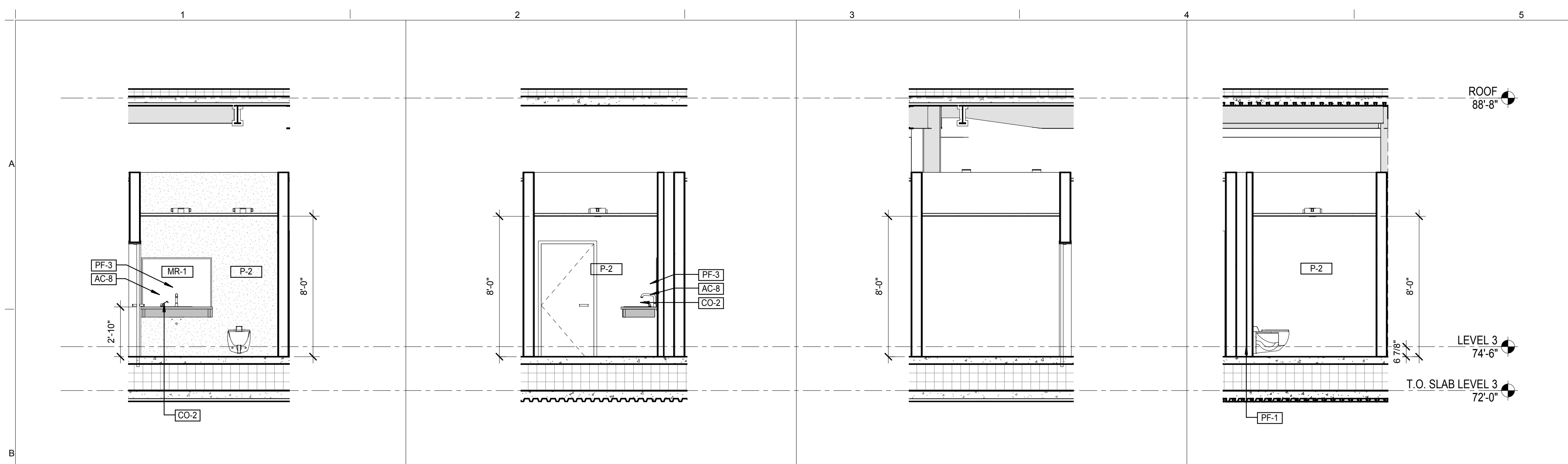
LEVEL 1 WC RCP SCALE: 1/4" = 1'-0" **2**

LEVEL 1 WC ENLARGED PLAN SCALE: 1/4" = 1'-0" **1**

NOTE:
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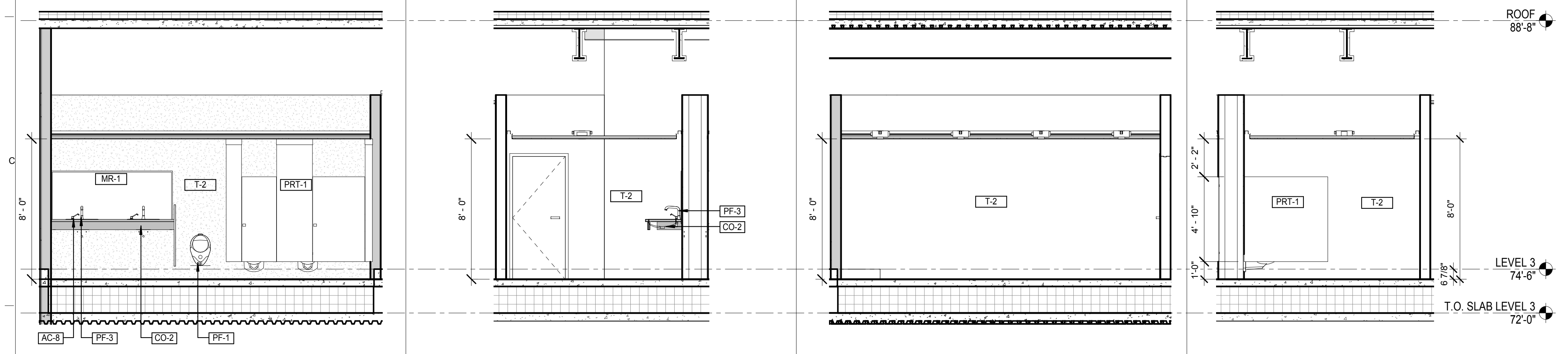
<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<p>REV DESCRIPTION DATE ARCHITECTS PROJECT NUMBER DRAWING TITLE</p> <p>D DESIGN DEVELOPMENT 27-FEB-15 664.100 E DESIGN DEVELOPMENT 23-MAR-15 1 PROGRESS SET 30-OCT-15 2 DOB SUBMISSION -RB 16-DEC-15</p> <p>DRAWING SIZE 24" x 36" DRAWING SCALE 1/4" = 1'-0" PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING NUMBER A-632.00 DOB REV</p> <p>Sheet 264 of 315</p>
	<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>	<p>ARCHITECT'S PROJECT NUMBER 664.100</p> <p>DRAWING TITLE LEVEL 1&2 ENLARGED PLANS & ELEVATIONS</p>			

Sajjad Shaikh
 Buildings APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub

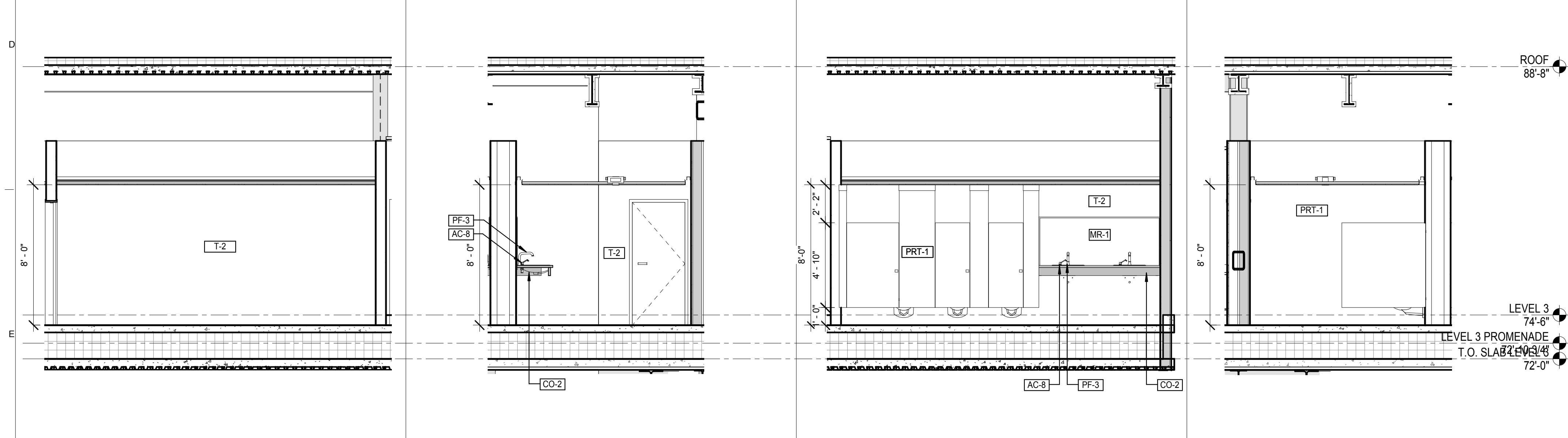
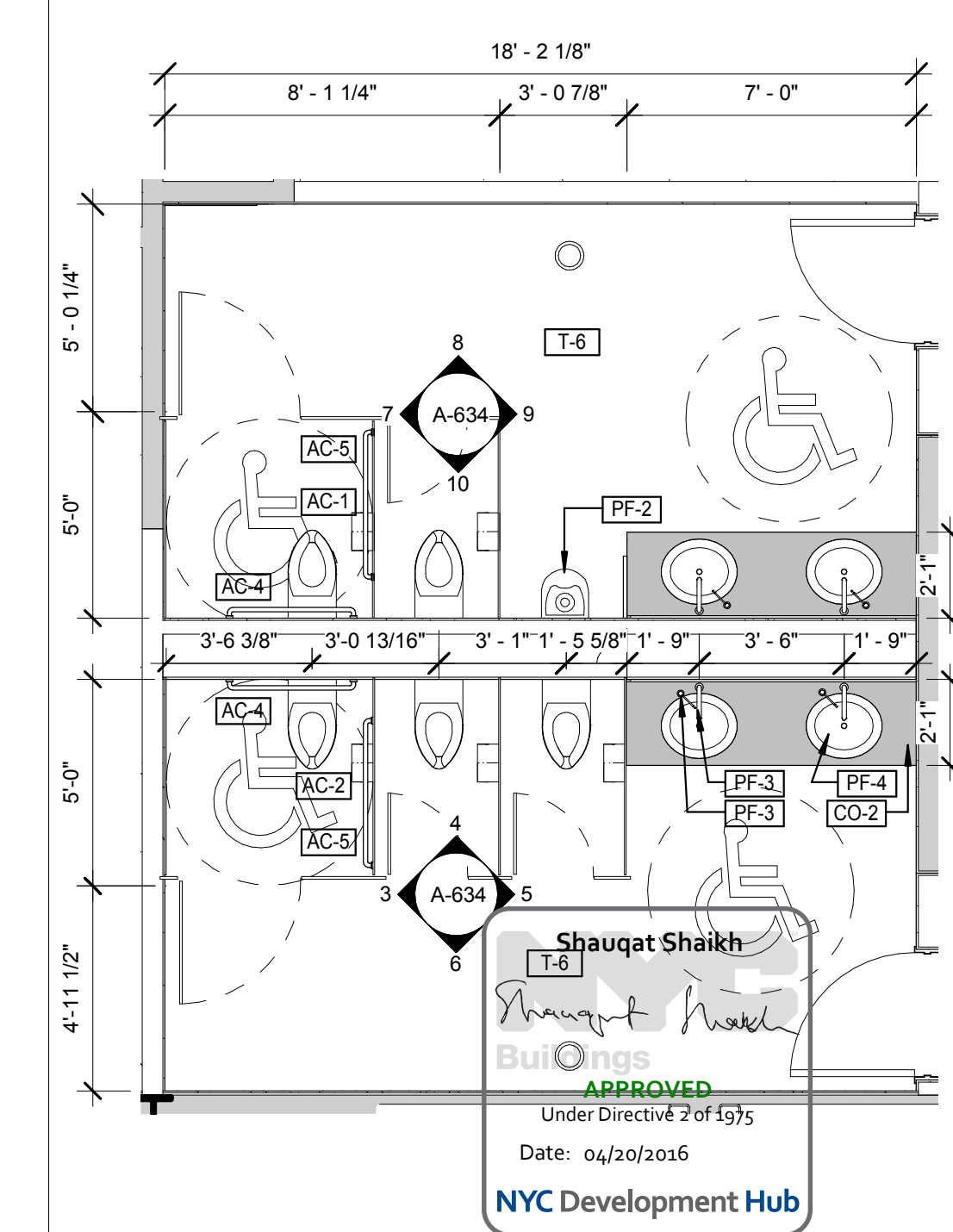
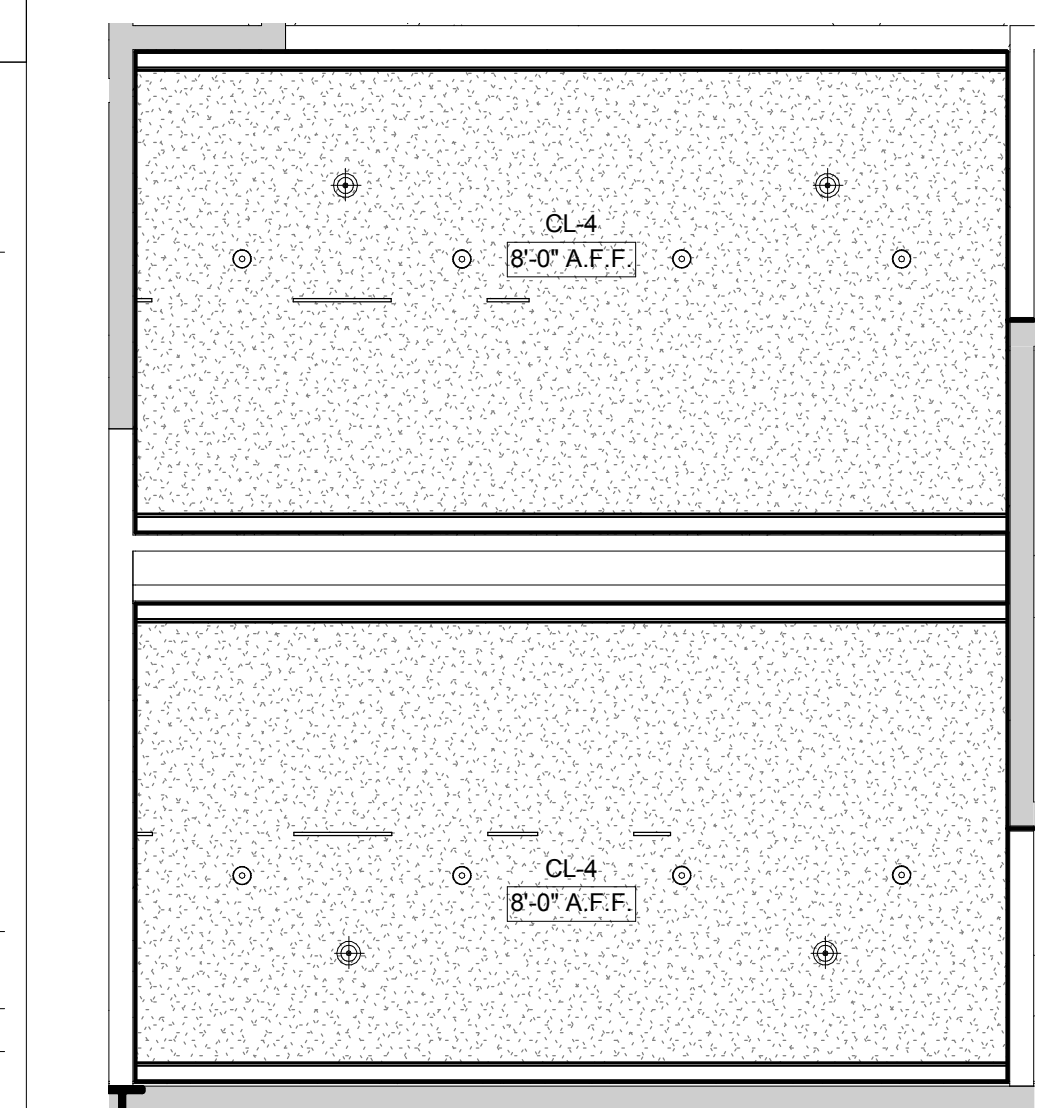


LEVEL 3 NORTH PAVILION PRES. WC ELEVATION 04 SCALE: 1/4" = 1'-0" **16** LEVEL 3 NORTH PAVILION PRES. WC ELEVATION 03 SCALE: 1/4" = 1'-0" **14** LEVEL 3 NORTH PAVILION PRES. WC ELEVATION 02 SCALE: 1/4" = 1'-0" **15** LEVEL 3 NORTH PAVILION PRES. WC ELEVATION 01 SCALE: 1/4" = 1'-0" **13** LEVEL 3 NORTH PAVILION PRES. WC RCP SCALE: 1/4" = 1'-0" **12** LEVEL 3 NORTH PAVILION PRES. WC ENLARGED PLAN SCALE: 1/4" = 1'-0" **11**

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LEVEL 3 NORTH PAVILION TOILET ROOM ELEVATION 08 SCALE: 1/4" = 1'-0" **10** LEVEL 3 NORTH PAVILION TOILET ROOM ELEVATION 07 SCALE: 1/4" = 1'-0" **9** LEVEL 3 NORTH PAVILION TOILET ROOM ELEVATION 06 SCALE: 1/4" = 1'-0" **8** LEVEL 3 NORTH PAVILION TOILET ROOM ELEVATION 05 SCALE: 1/4" = 1'-0" **7**



LEVEL 3 NORTH PAVILION TOILET ROOM ELEVATION 04 SCALE: 1/4" = 1'-0" **6** LEVEL 3 NORTH PAVILION TOILET ROOM ELEVATION 03 SCALE: 1/4" = 1'-0" **5** LEVEL 3 NORTH PAVILION TOILET ROOM ELEVATION 02 SCALE: 1/4" = 1'-0" **4** LEVEL 3 NORTH PAVILION TOILET ROOM ELEVATION 01 SCALE: 1/4" = 1'-0" **3** LEVEL 3 NORTH PAVILION TOILET ROOM RCP SCALE: 1/4" = 1'-0" **2** LEVEL 3 NORTH PAVILION TOILET ROOM ENLARGED PLAN SCALE: 1/4" = 1'-0" **1**

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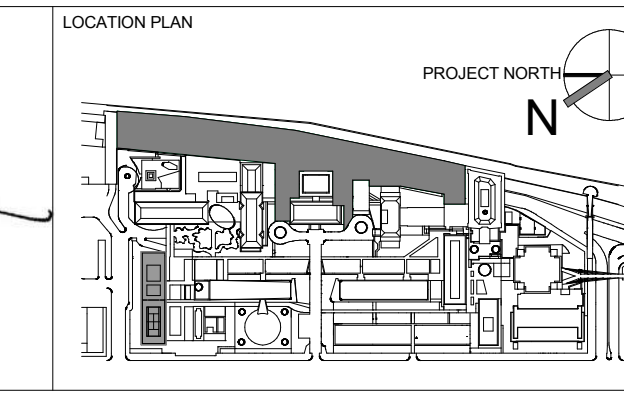
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHAUGAT SHAIKH
 No. 015267
 STATE OF NEW YORK



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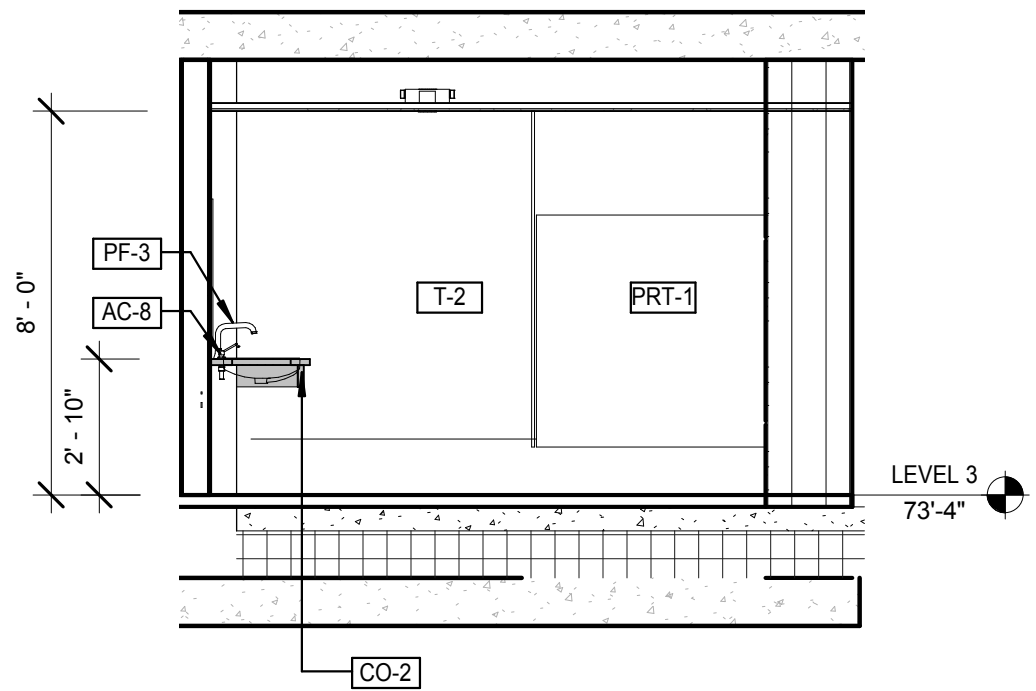
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 LEVEL 3 NORTH PAVILION TOILET ROOM PLANS & ELEVATIONS

DRAWING NUMBER
A-634.00

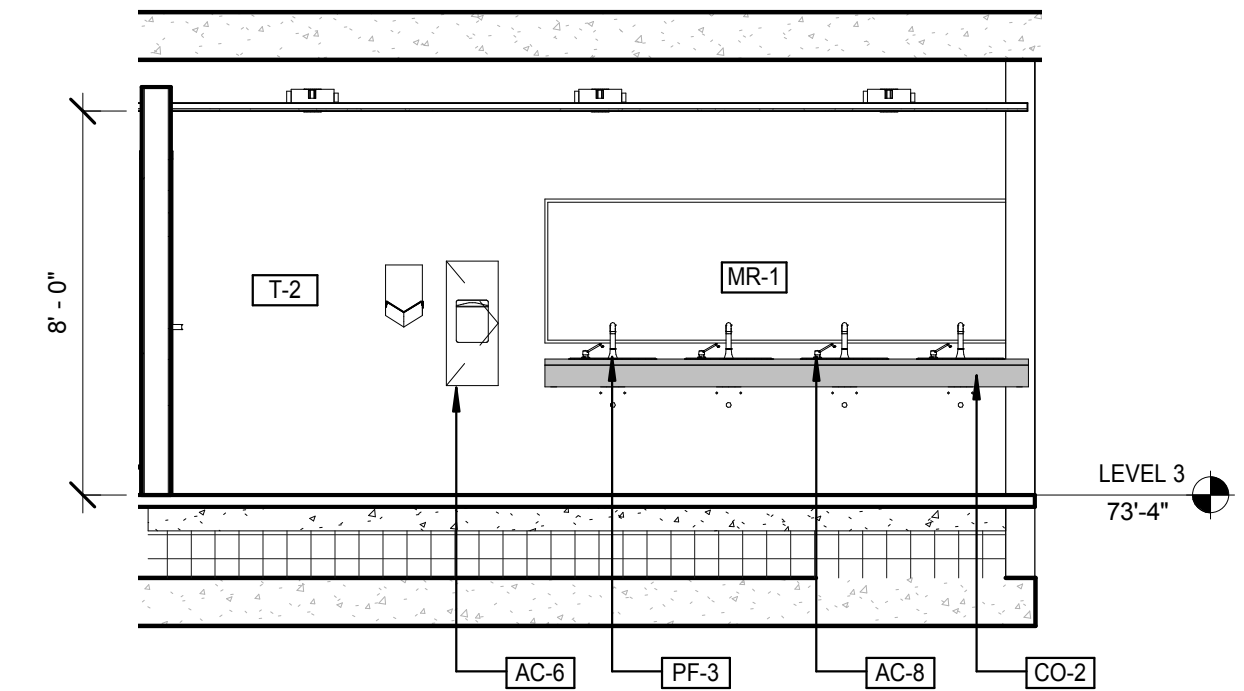
Sheet 265 of 315

DATE
 04/20/2016

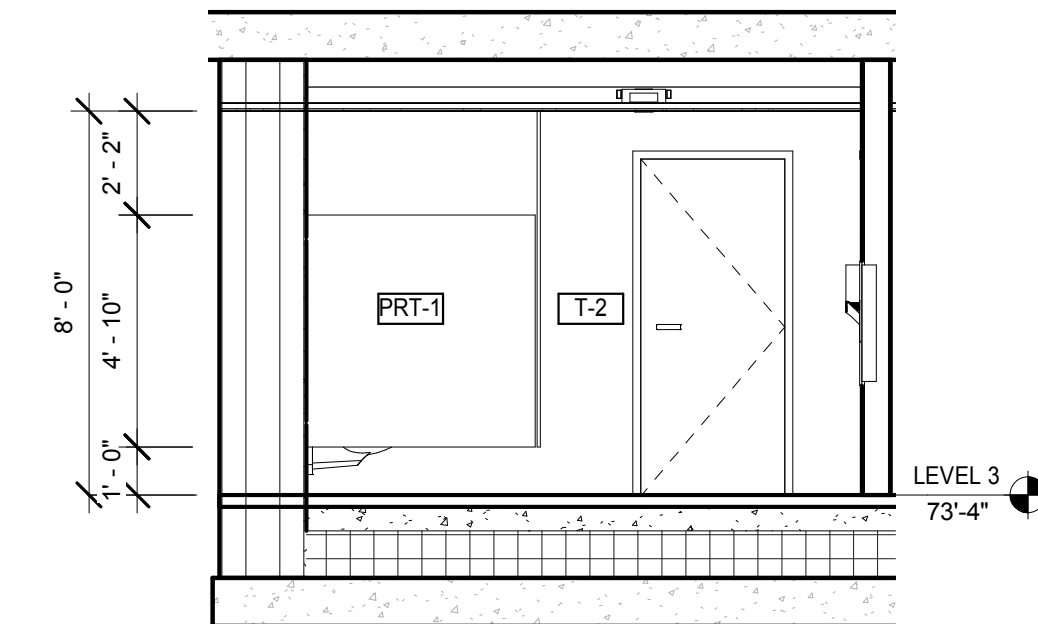
APPROVED
 Under Directive 2 of 15/15
 NYC Development Hub



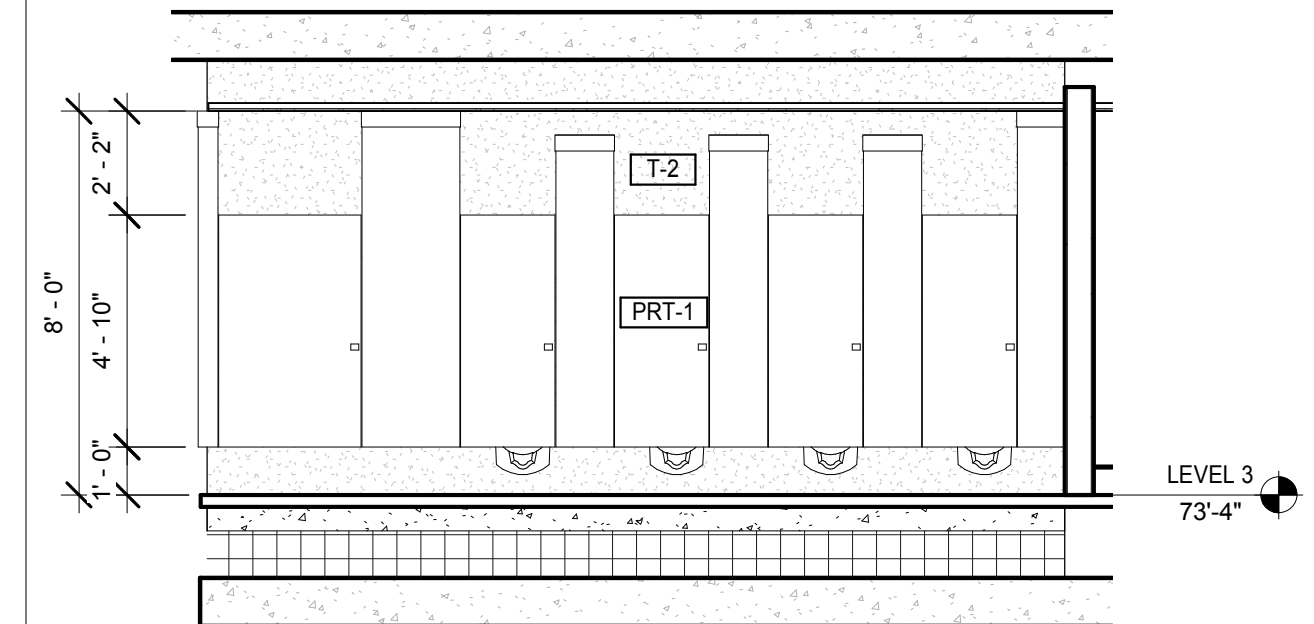
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SCALE: 1/4" = 1'-0" 10



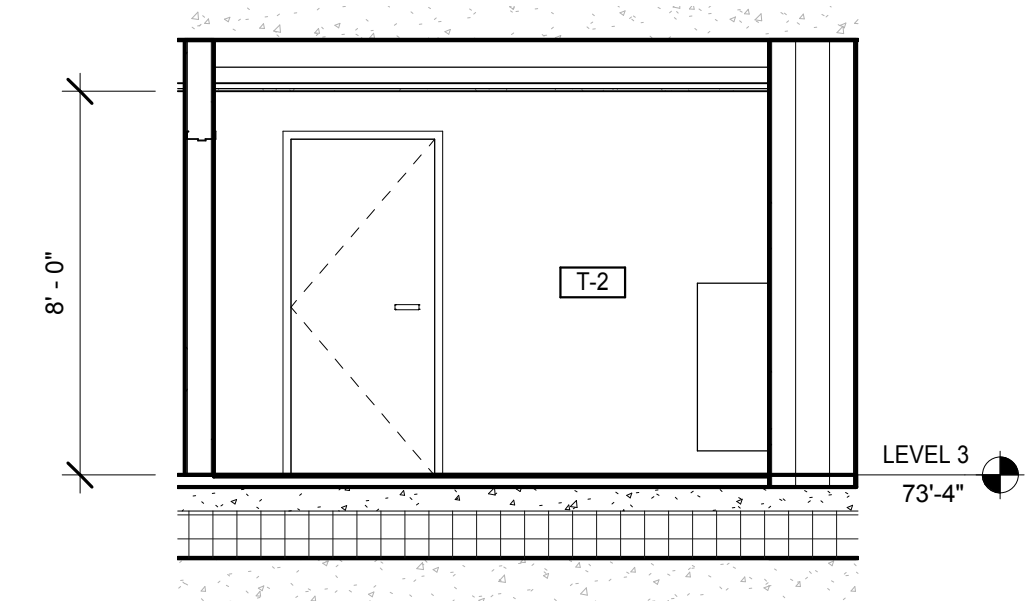
LEVEL 3 SOUTH PAVILION TOILET ROOM ELEVATION 07
SCALE: 1/4" = 1'-0" 9



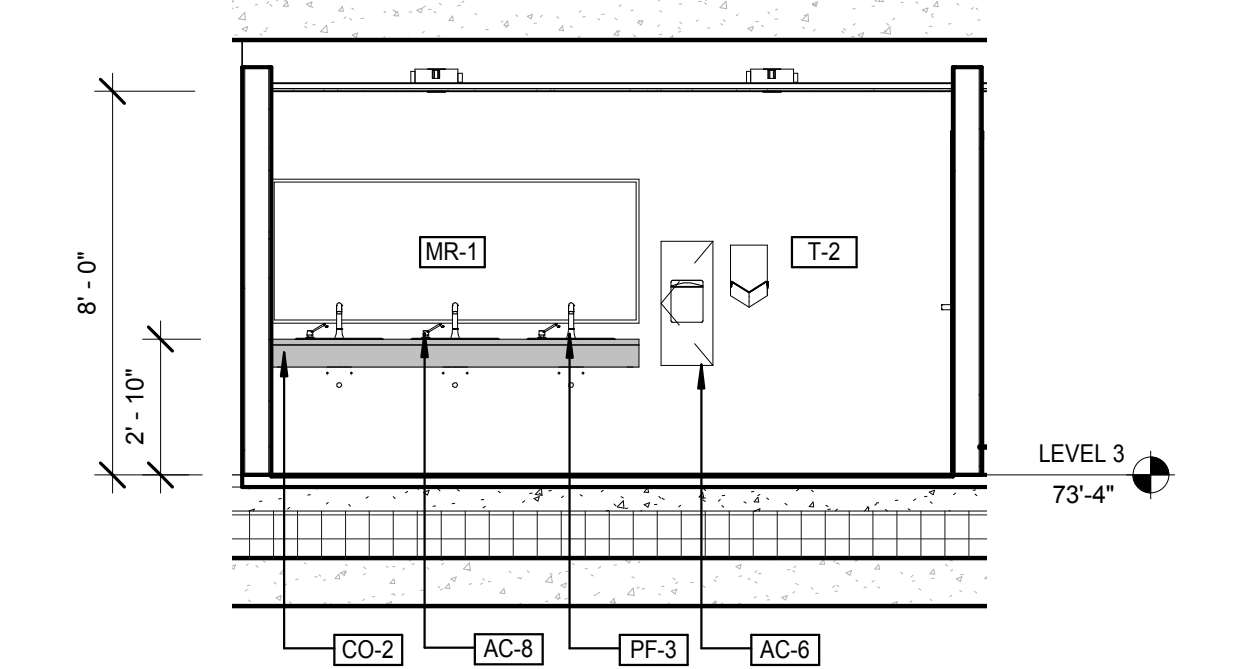
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SCALE: 1/4" = 1'-0" 8



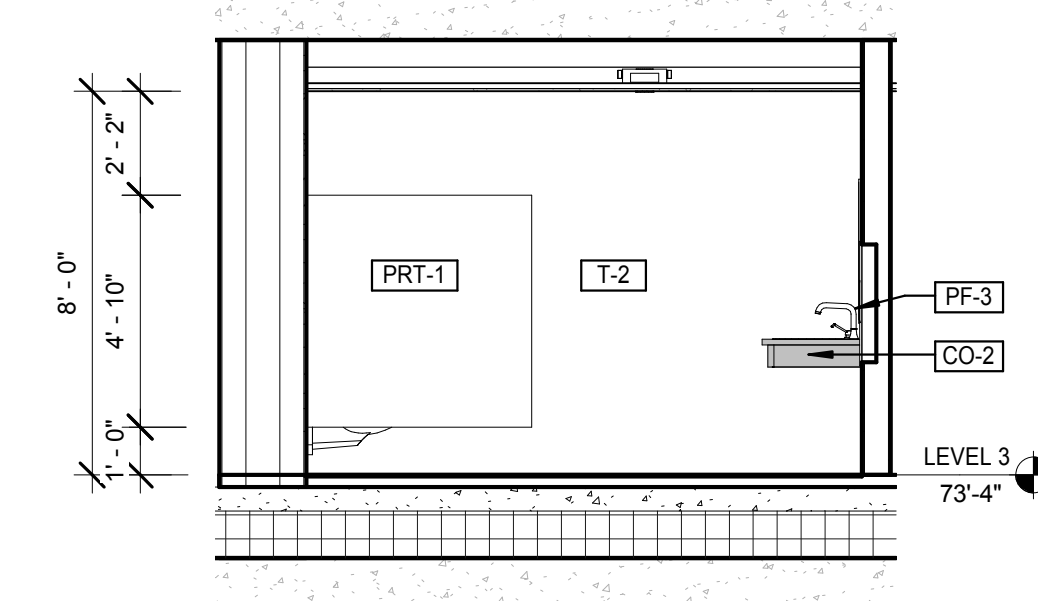
LEVEL 3 SOUTH PAVILION RESTROOM 01 ELEVATION 05
SCALE: 1/4" = 1'-0" 7



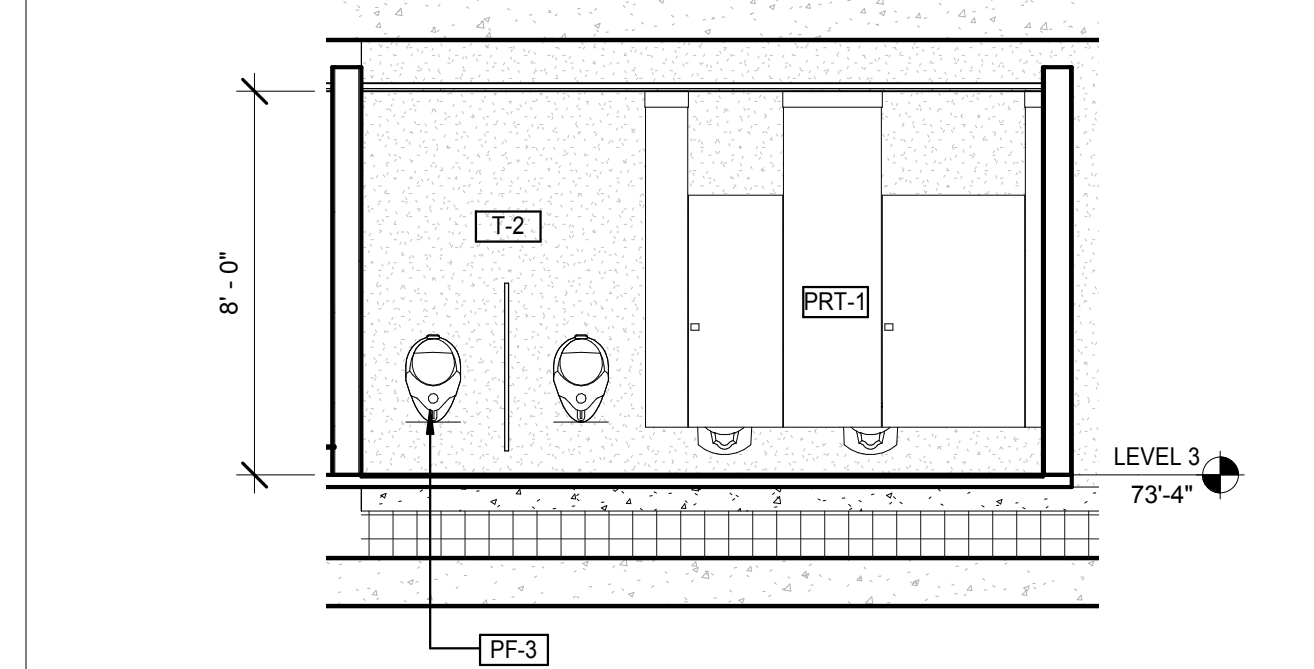
LEVEL 3 SOUTH PAVILION TOILET ROOM ELEVATION 04
SCALE: 1/4" = 1'-0" 6



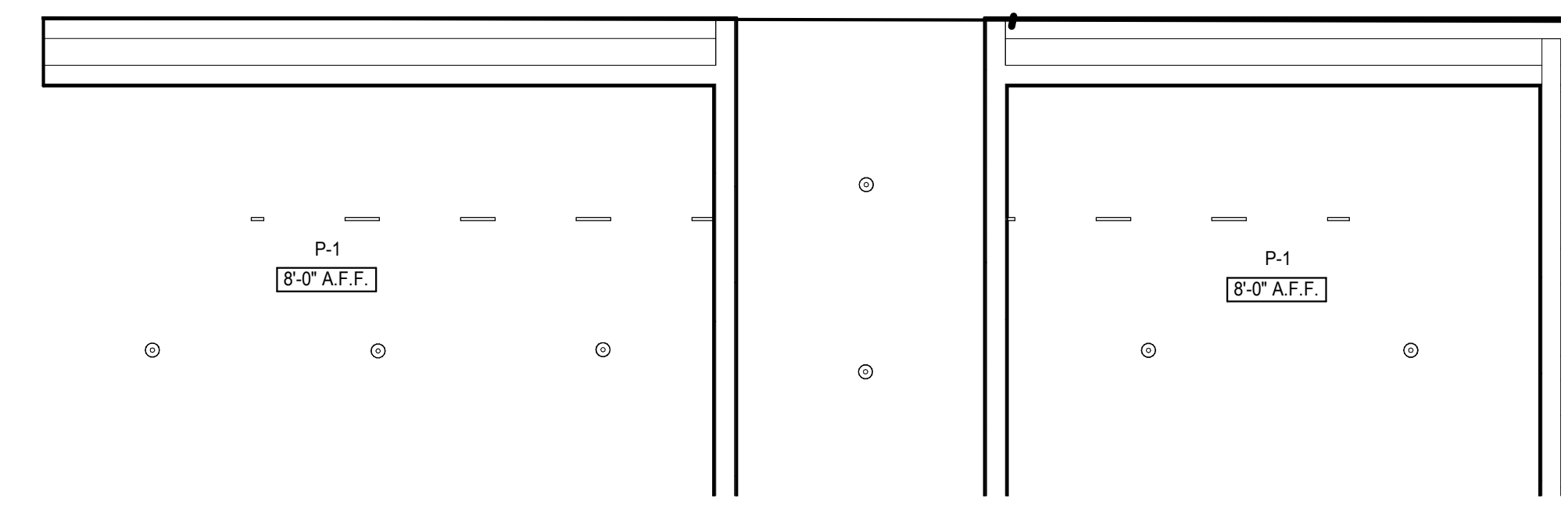
LEVEL 3 SOUTH PAVILION TOILET ROOM ELEVATION 03
SCALE: 1/4" = 1'-0" 5



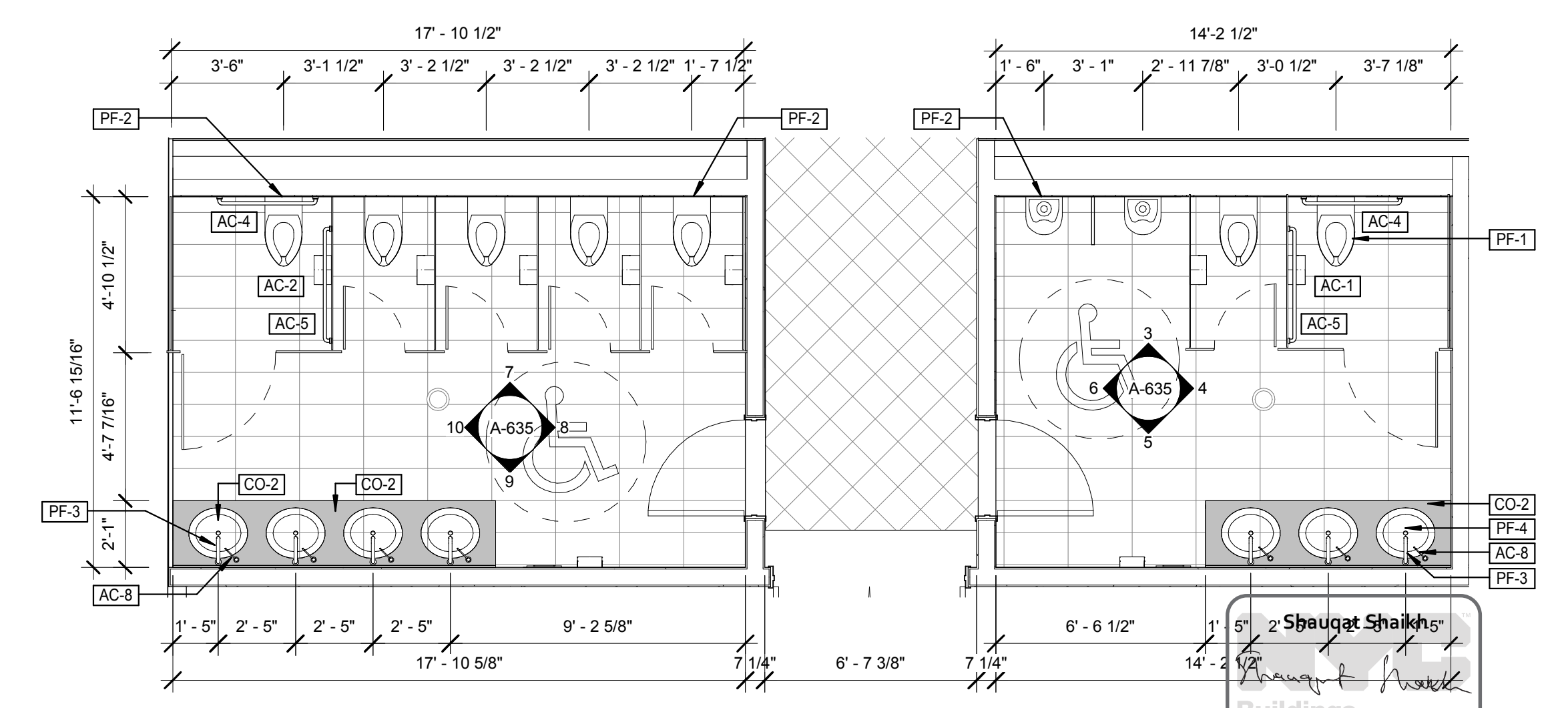
LEVEL 3 SOUTH PAVILION TOILET ROOM ELEVATION 02
SCALE: 1/4" = 1'-0" 4



LEVEL 3 SOUTH PAVILION TOILET ROOM ELEVATION 01
SCALE: 1/4" = 1'-0" 3

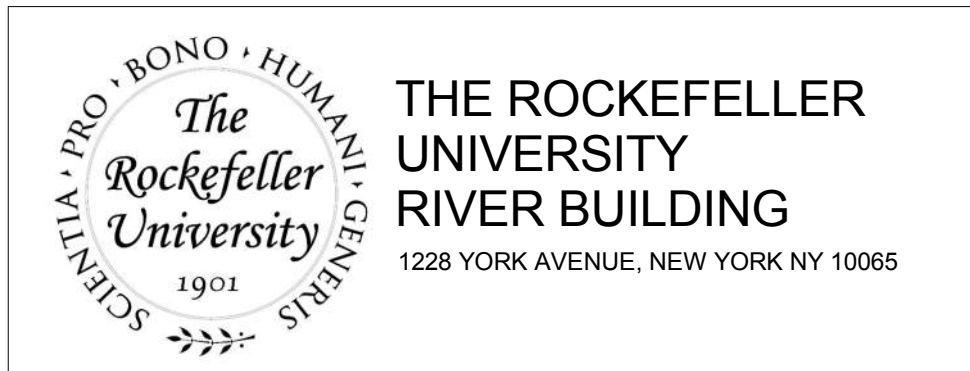


LEVEL 3 SOUTH PAVILION TOILET ROOM RCP
SCALE: 1/4" = 1'-0" 2



LEVEL 3 SOUTH PAVILION TOILET ROOM ENLARGED PLAN
SCALE: 1/4" = 1'-0" 1

NOTE:
1. REFER TO DRAWING A- 820 FOR ACCESSORIES SCHEDULE.
2. REFER TO FINISH SCHEDULE ON A-820 FOR ALL FLOOR , WALL COUNTER TOP, MIRROR FINISHES, TOILET PARTITION TYPE.
3. REFER TO P-001 FOR PLUMBING FIXTURE SCHEDULE.
4. REFER TO A-077 FOR ADA REQUIREMENTS



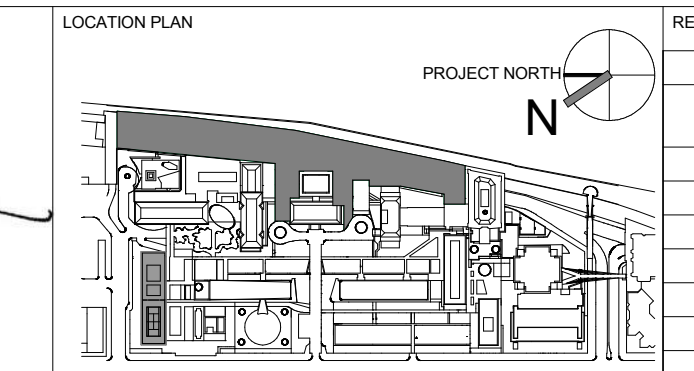
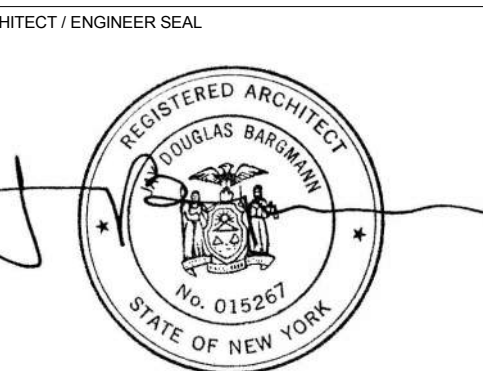
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NEW YORK, NY 10018
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
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2	DOB SUBMISSION -RB	16-DEC-15	

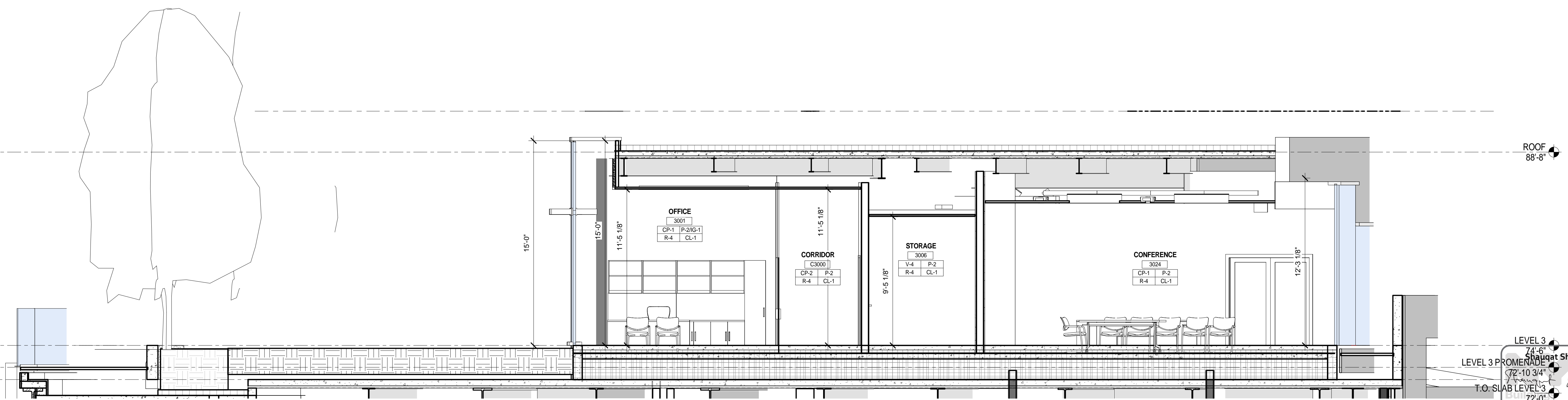
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LEVEL 3 SOUTH PAVILION TOILET ROOM PLANS & ELEVATIONS

DRAWING NUMBER
A-635.00

DATE
04/30/2016

APPROVED
Under Directive 2 of 1975

NYC Development Hub



LEVEL 3
 74'-6"
 LEVEL 3 PROMENADE
 72'-10 3/4"
 T.O. SLAB LEVEL 3
 72'-0"
 APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

OFFICE PAVILION SECTION
 SCALE: 1/4" = 1'-0" 1

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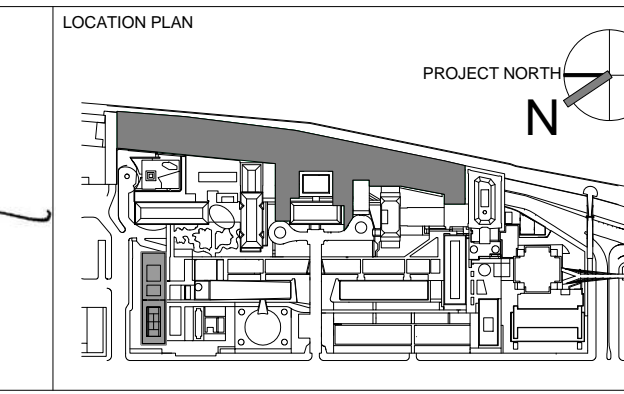
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ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 DOUGLAS BARNUM
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	DOB SUBMISSION -RB	16-DEC-15

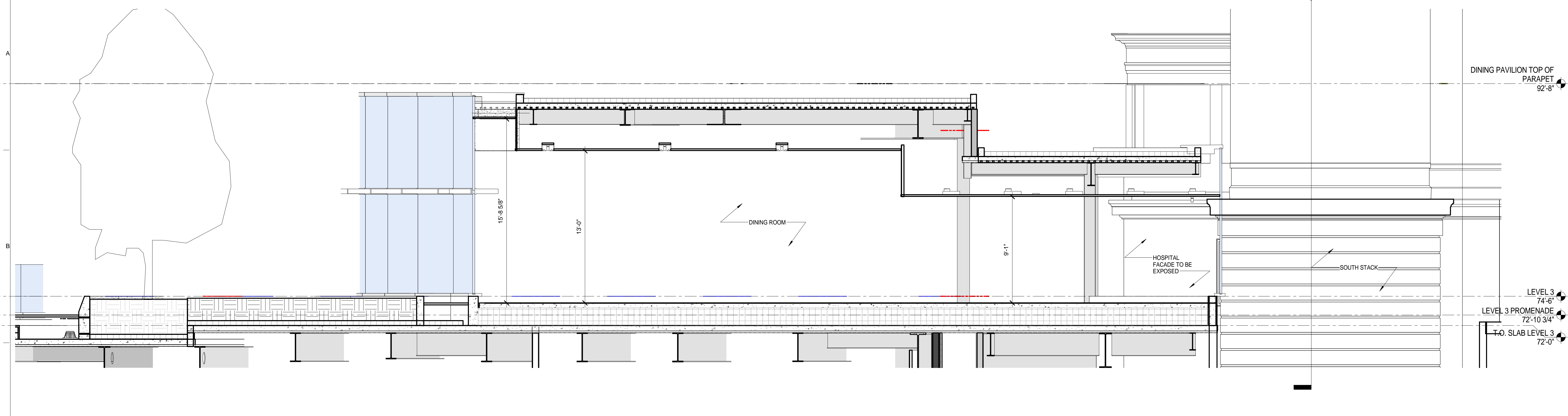
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 DRAWING SCALE
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DRAWING TITLE
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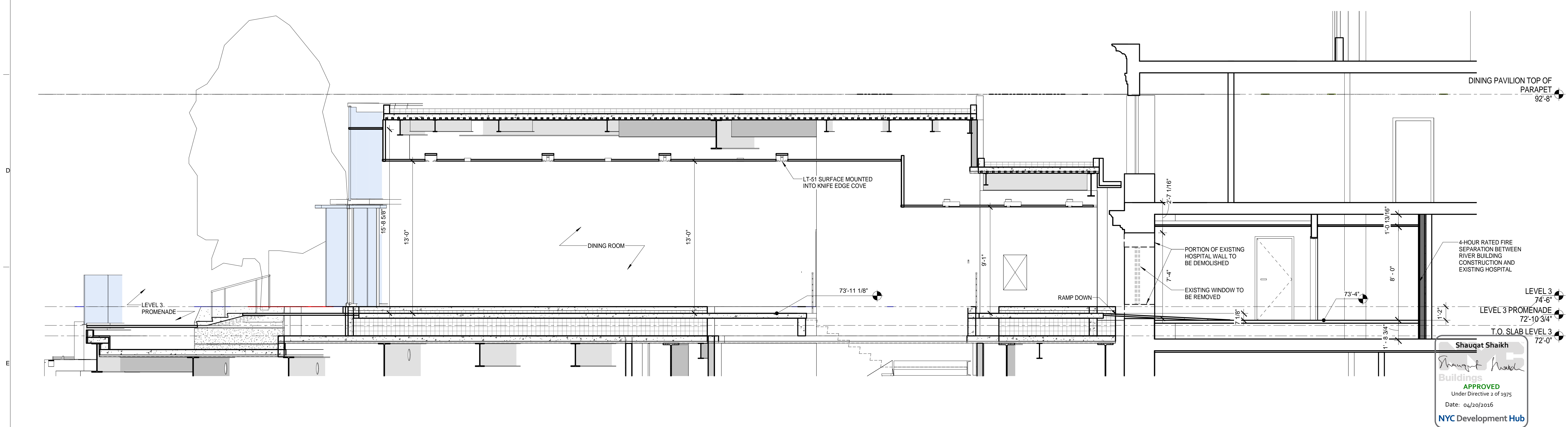
DRAWING NUMBER
A-650.00
 Sheet 267 of 315

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

1
A-313

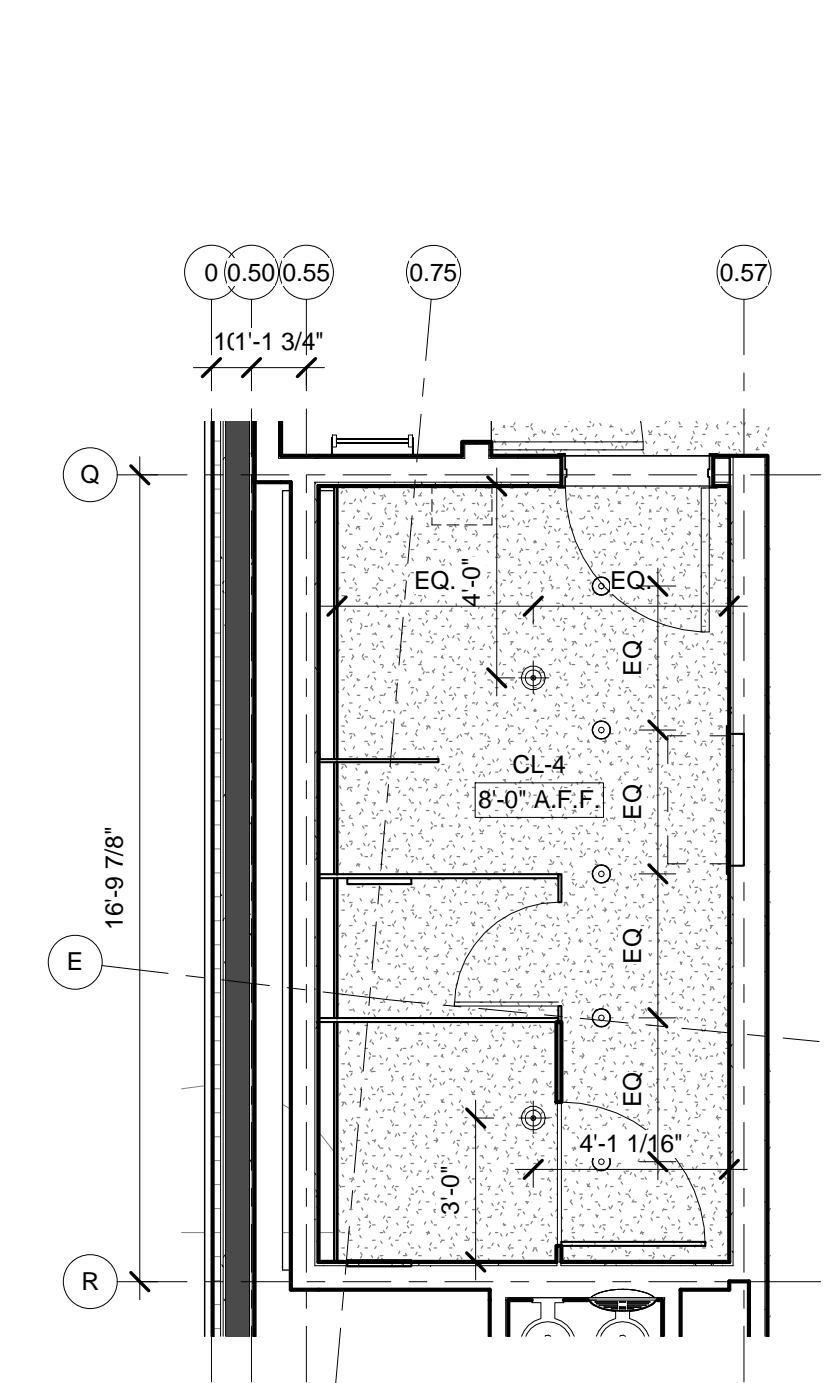


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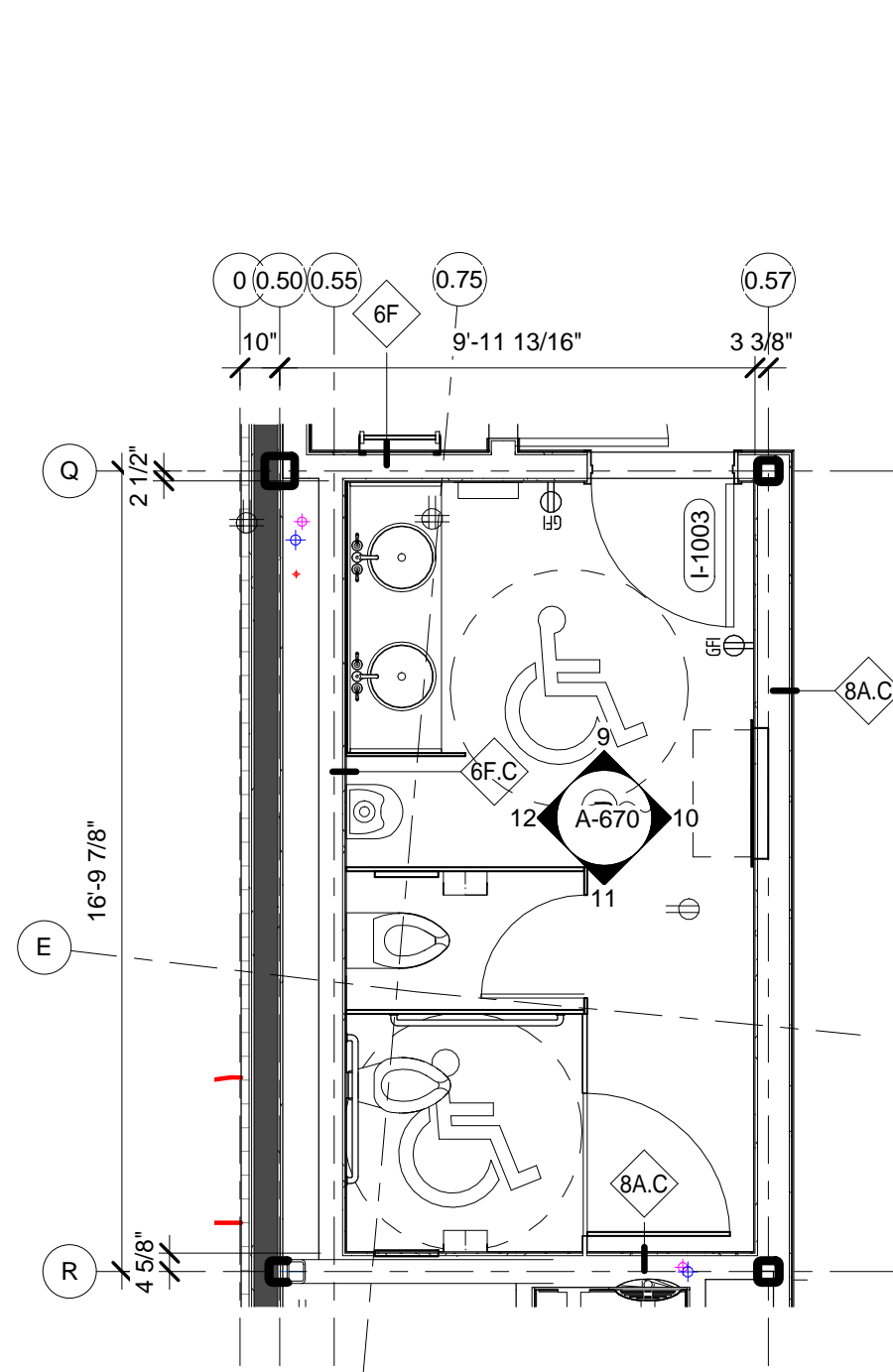


DINING PAVILION SECTION 1
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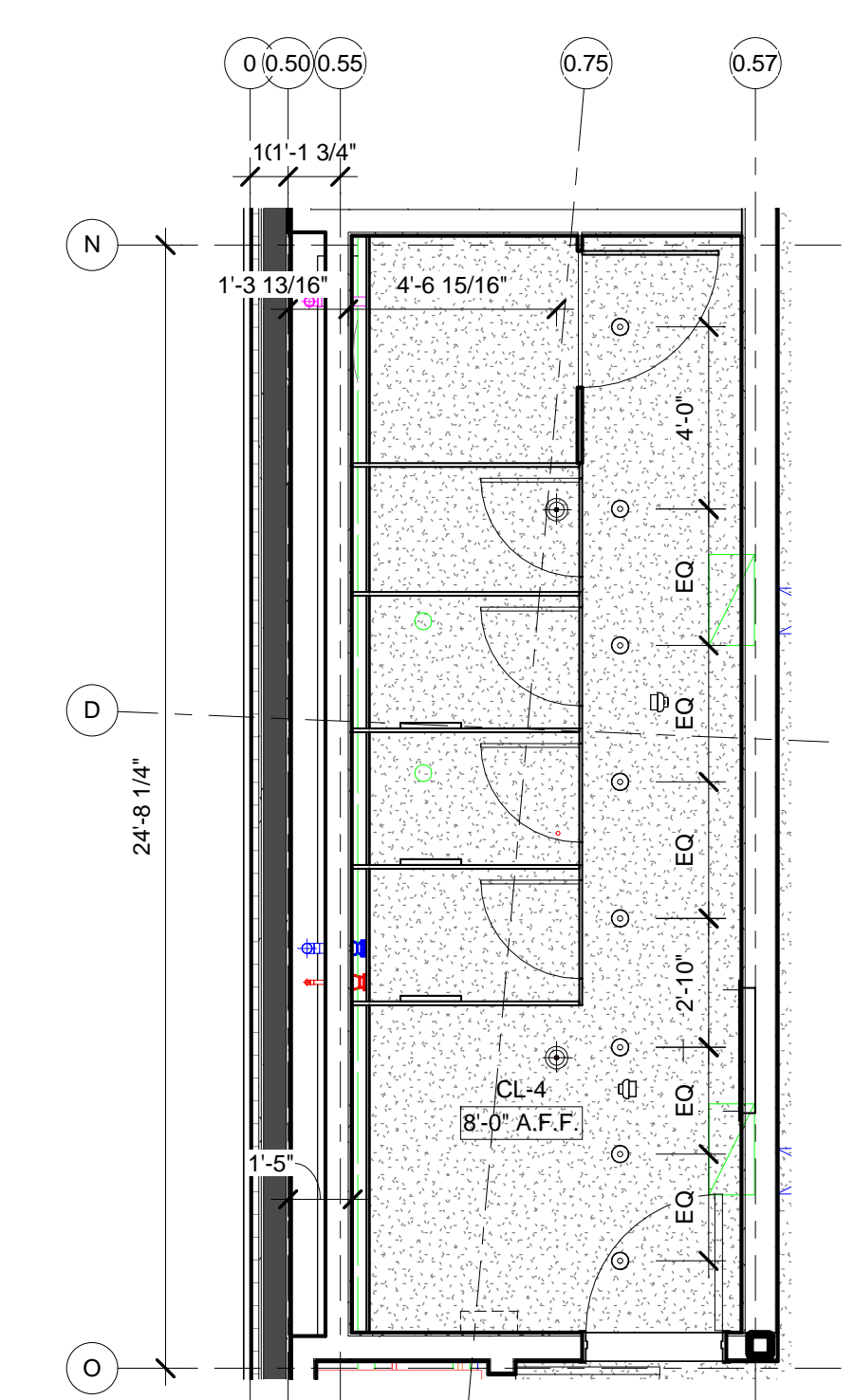
<p>THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065</p>	<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>LOCATION PLAN </p>	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>ARCHITECTS PROJECT NUMBER</th> <th>DRAWING TITLE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PROGRESS SET</td> <td>30-OCT-15</td> <td>664.100</td> <td rowspan="2">SOUTH PAVILION - SECTIONS - LEVEL 3</td> </tr> <tr> <td>2</td> <td>DOB SUBMISSION -RB</td> <td>16-DEC-15</td> <td></td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE	1	PROGRESS SET	30-OCT-15	664.100	SOUTH PAVILION - SECTIONS - LEVEL 3	2	DOB SUBMISSION -RB	16-DEC-15		<p>DRAWING SIZE 24" x 36" DRAWING SCALE 1/4" = 1'-0" PROJECT PHASE CONSTRUCTION DOCUMENTS</p>	<p>DRAWING NUMBER A-665.00 Sheet 268 of 315</p>
	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE																		
1	PROGRESS SET	30-OCT-15	664.100	SOUTH PAVILION - SECTIONS - LEVEL 3																			
2	DOB SUBMISSION -RB	16-DEC-15																					
<p>CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>	<p>APPROVED Under Directive 2 of 1975 Date: 04/30/2016 NYC Development Hub</p>	<p>ARCHITECT / ENGINEER SEAL </p>	<p>PROJECT NORTH </p>	<p>DATE 30-OCT-15 16-DEC-15</p>	<p>ARCHITECTS PROJECT NUMBER 664.100</p>	<p>DRAWING TITLE SOUTH PAVILION - SECTIONS - LEVEL 3</p>	<p>DRAWING NUMBER A-665.00 Sheet 268 of 315</p>													



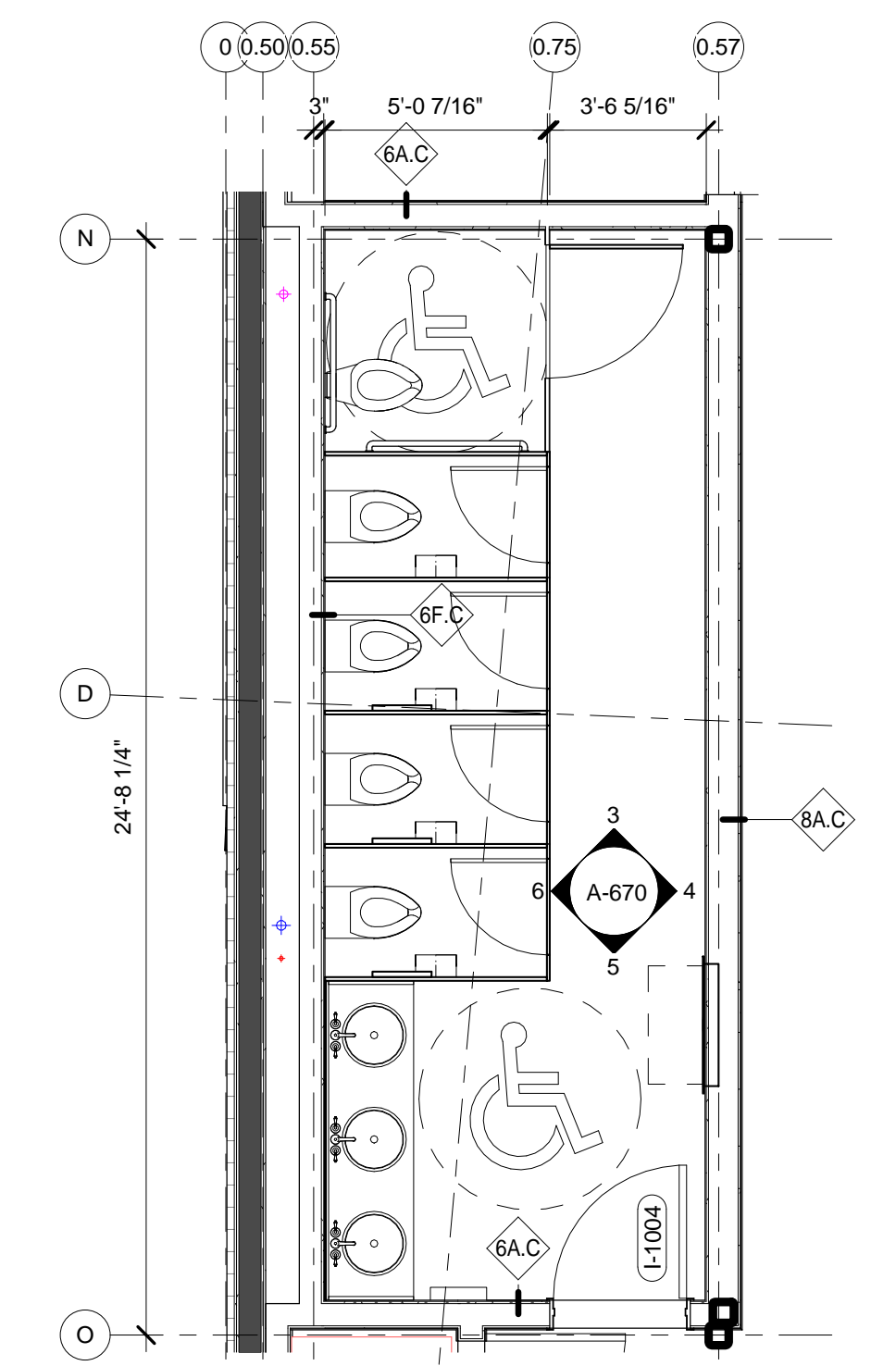
ICC - MEN'S TOILET RCP
SCALE: 1/4" = 1'-0" **8**



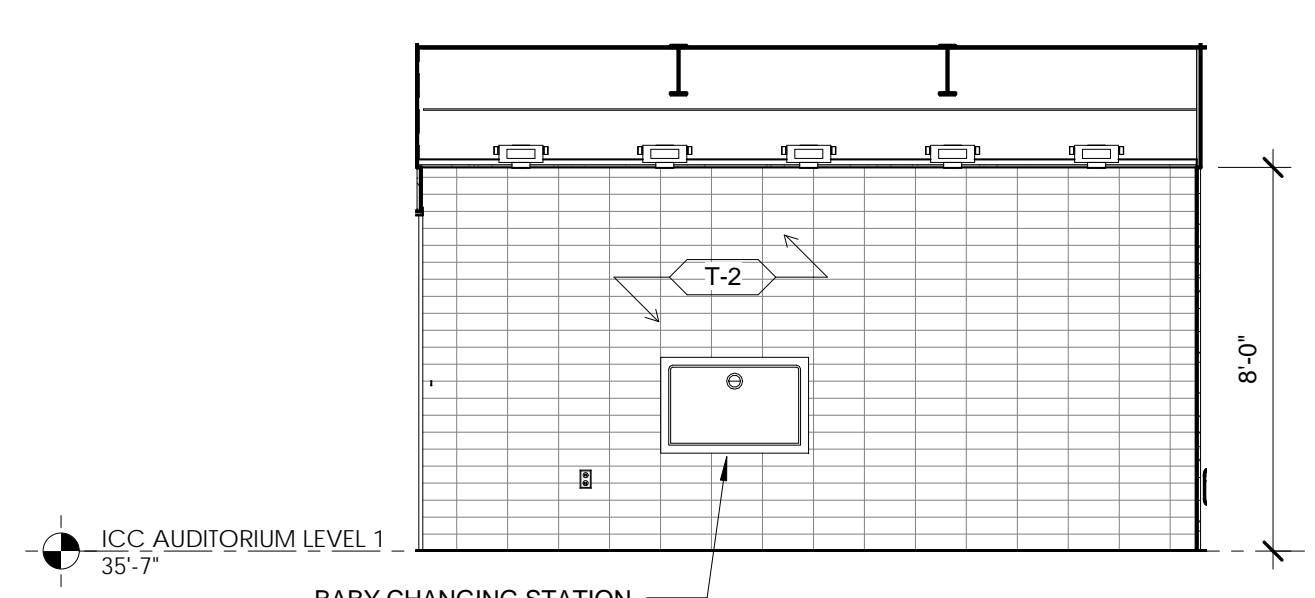
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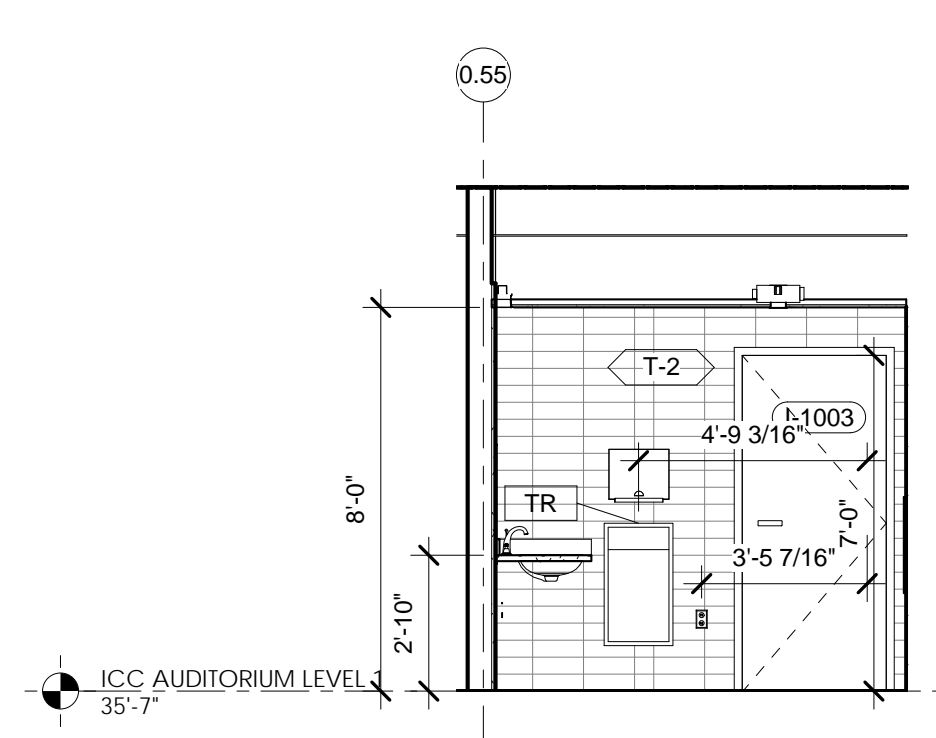
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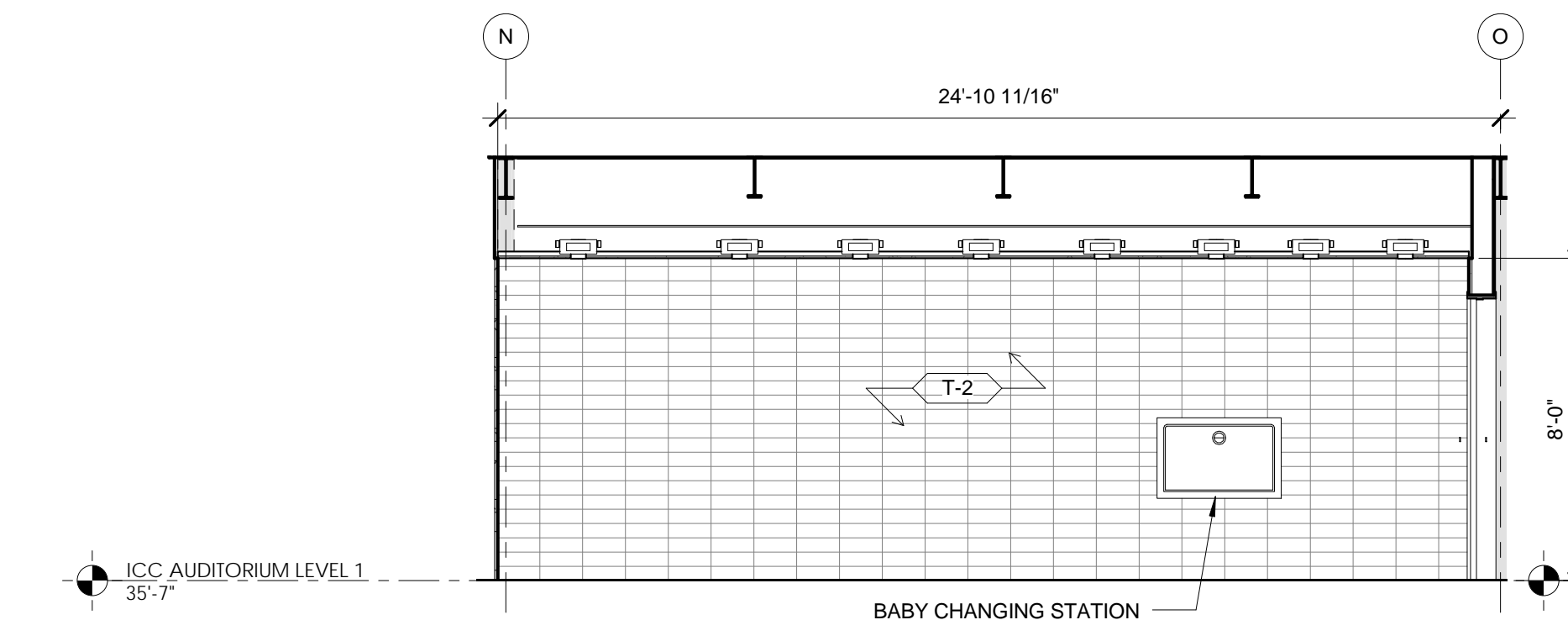
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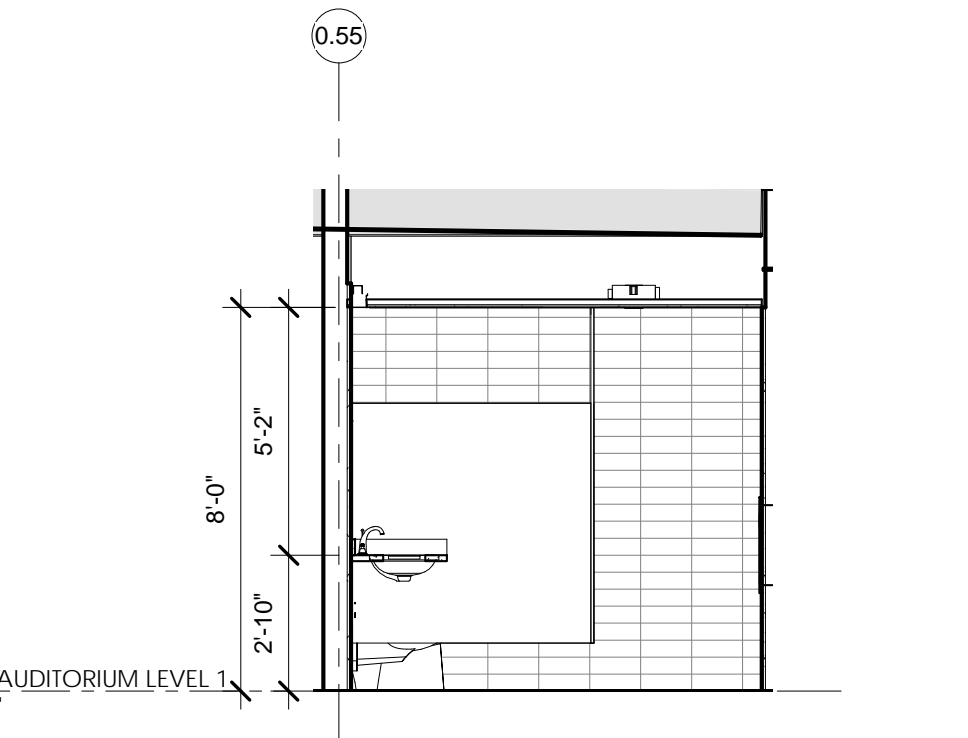
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MEN'S TOILET - ICC - SOUTH ELEVATION
SCALE: 1/4" = 1'-0" **10**



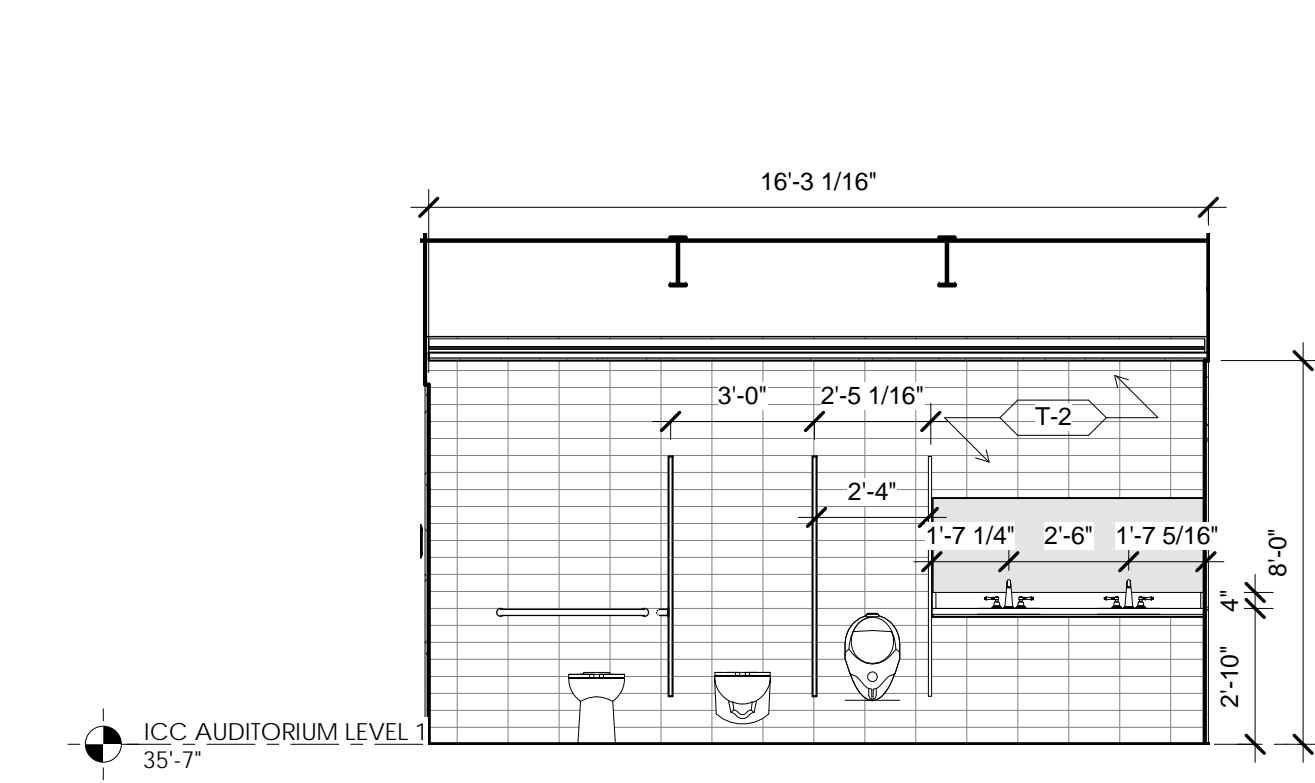
MEN'S TOILET - ICC - EAST ELEVATION
SCALE: 1/4" = 1'-0" **9**



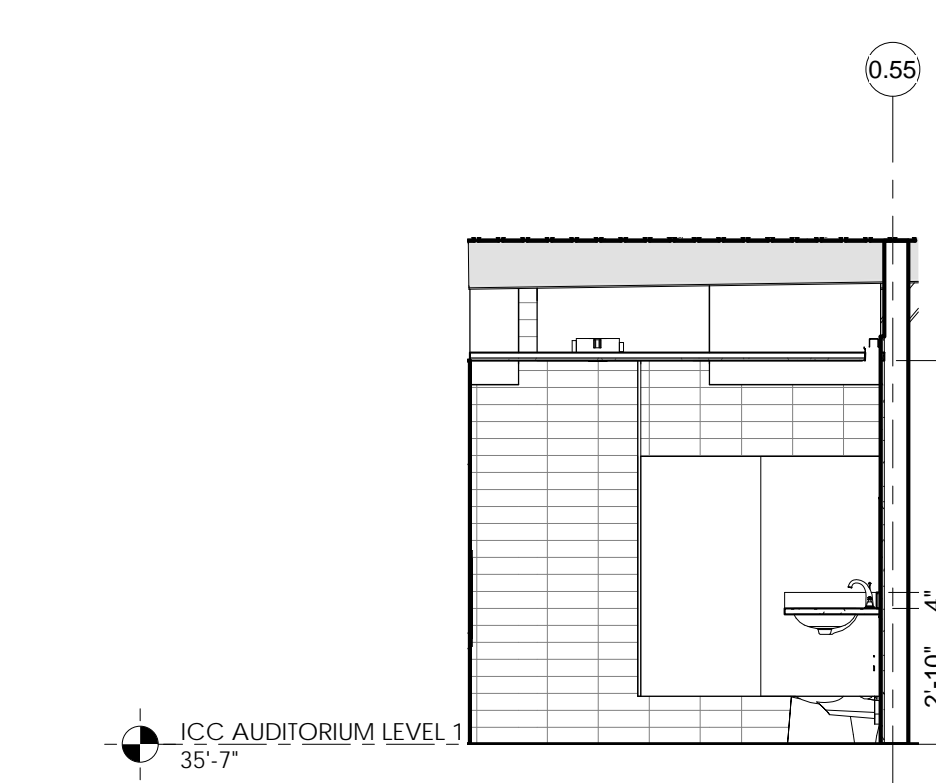
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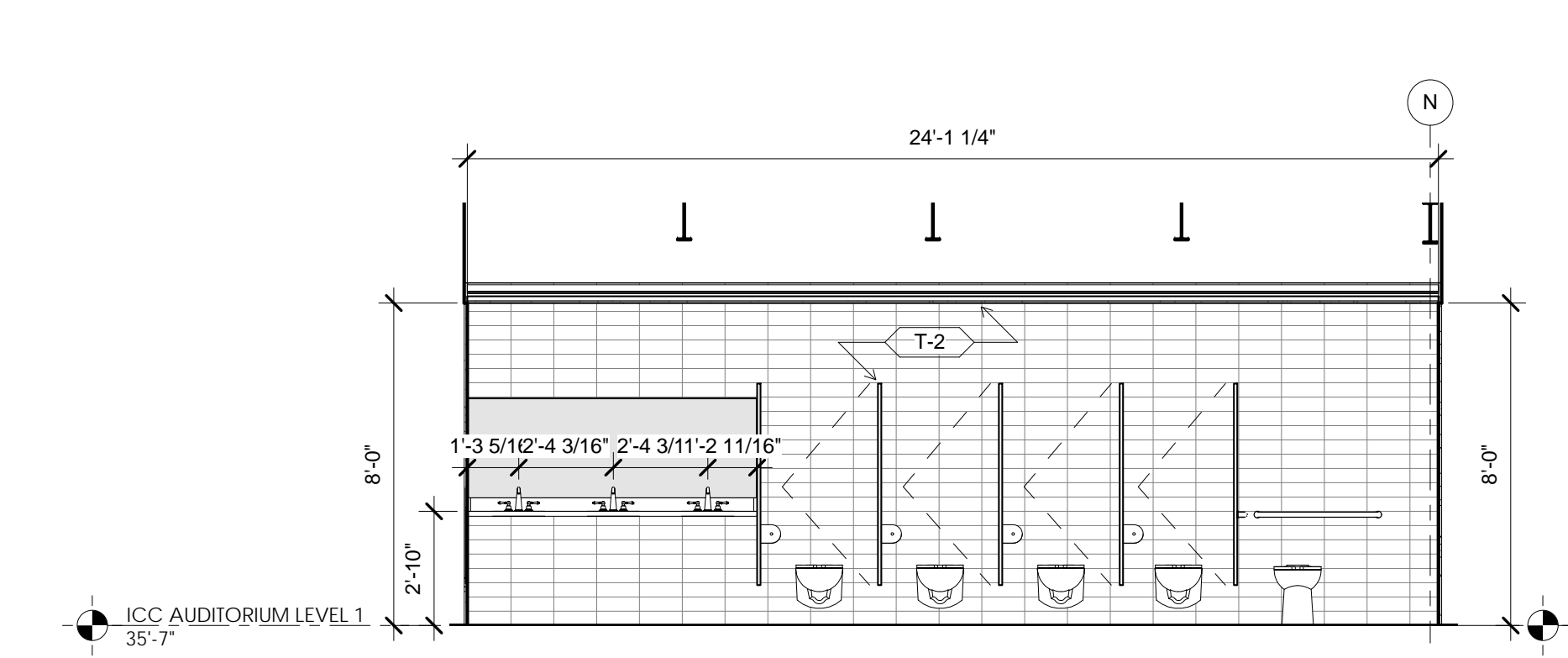
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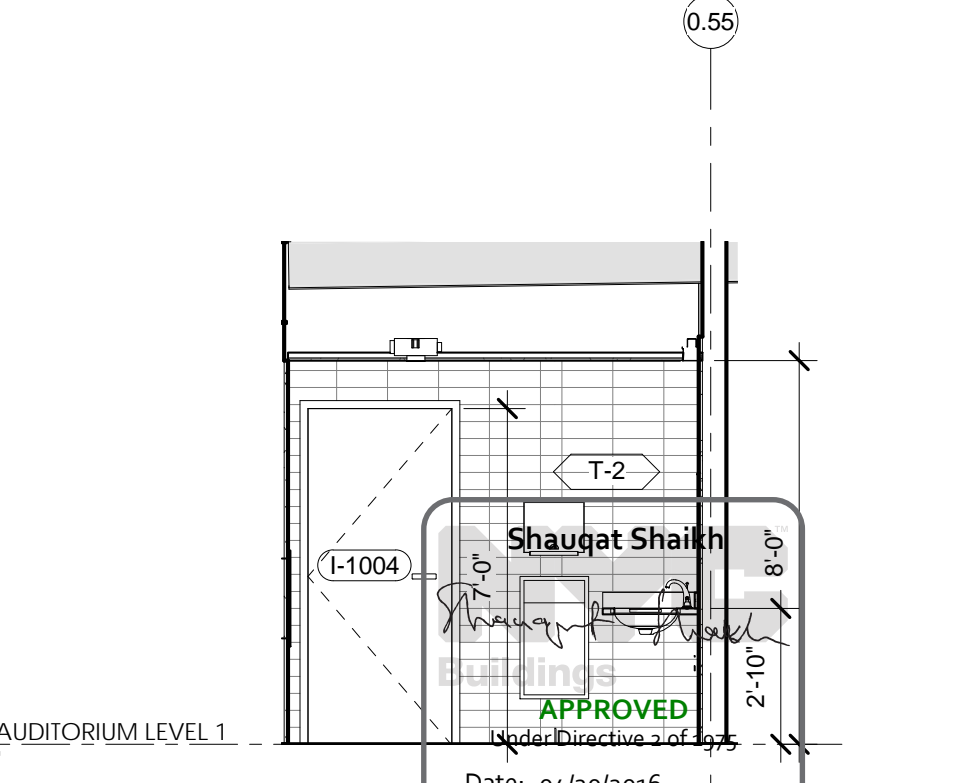
MEN'S TOILET - ICC - NORTH ELEVATION
SCALE: 1/4" = 1'-0" **12**



MEN'S TOILET - ICC - WEST ELEVATION
SCALE: 1/4" = 1'-0" **11**



WOMEN'S TOILET - ICC - NORTH ELEVATION
SCALE: 1/4" = 1'-0" **6**



WOMEN'S TOILET - ICC - WEST ELEVATION
SCALE: 1/4" = 1'-0" **5**

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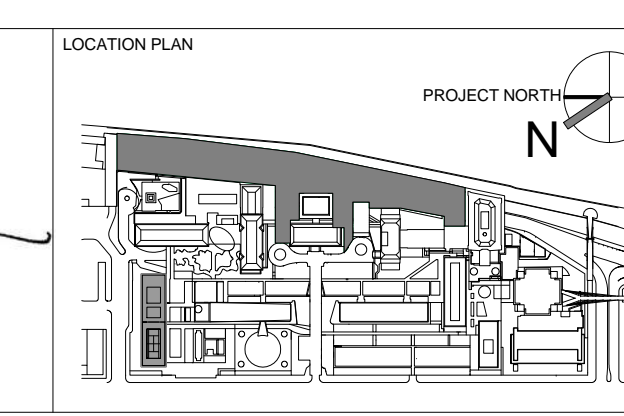
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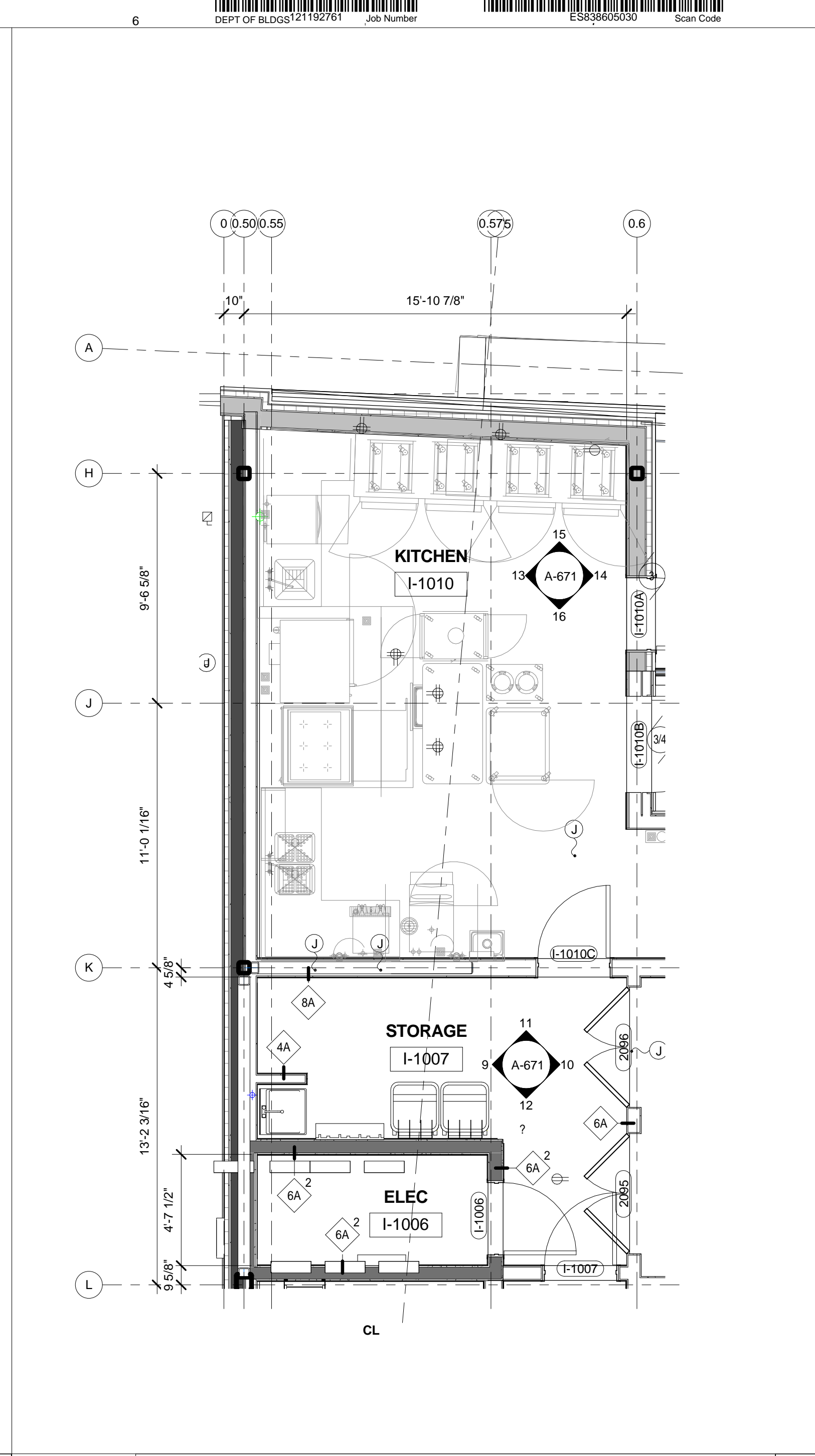
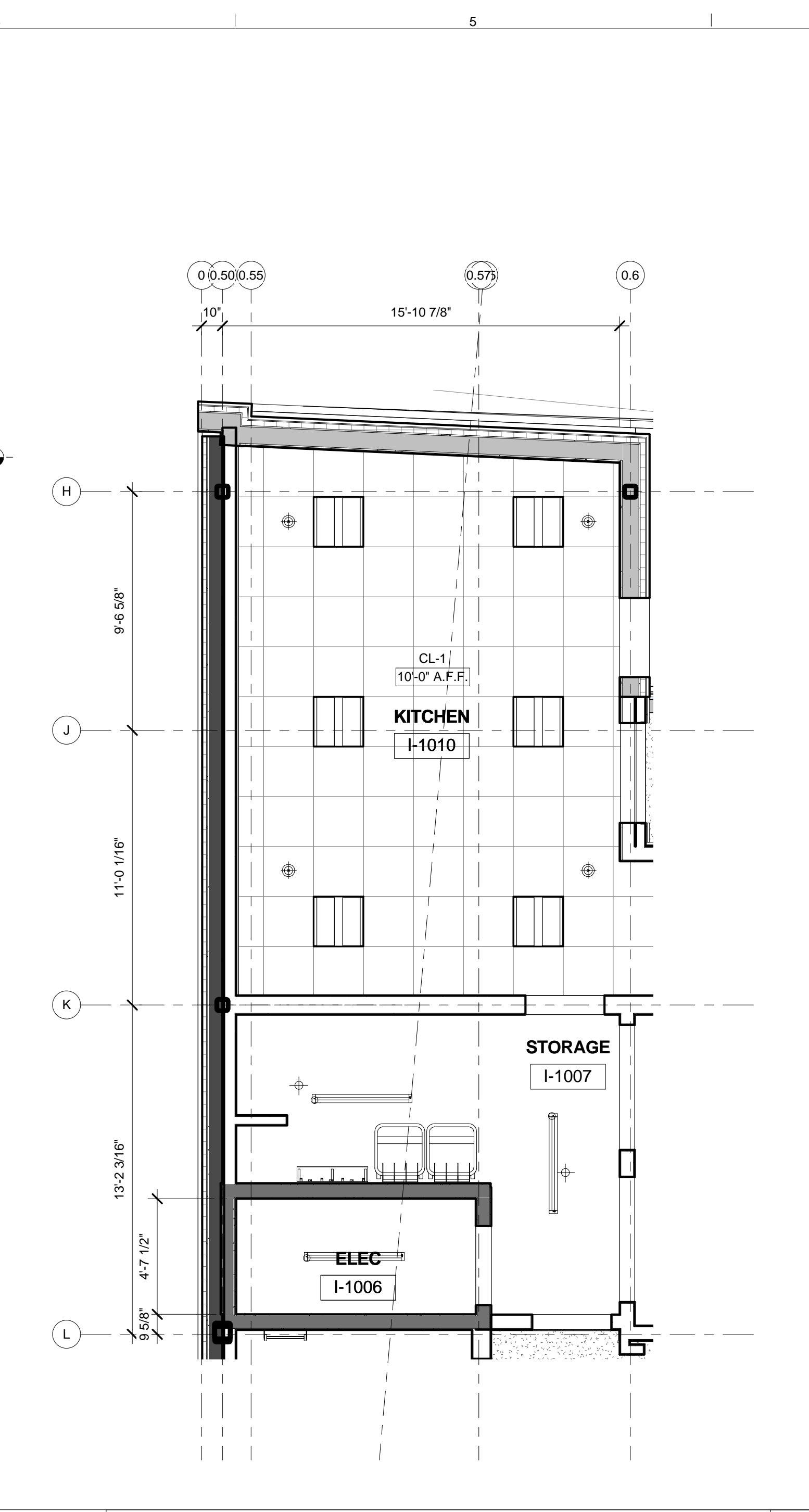
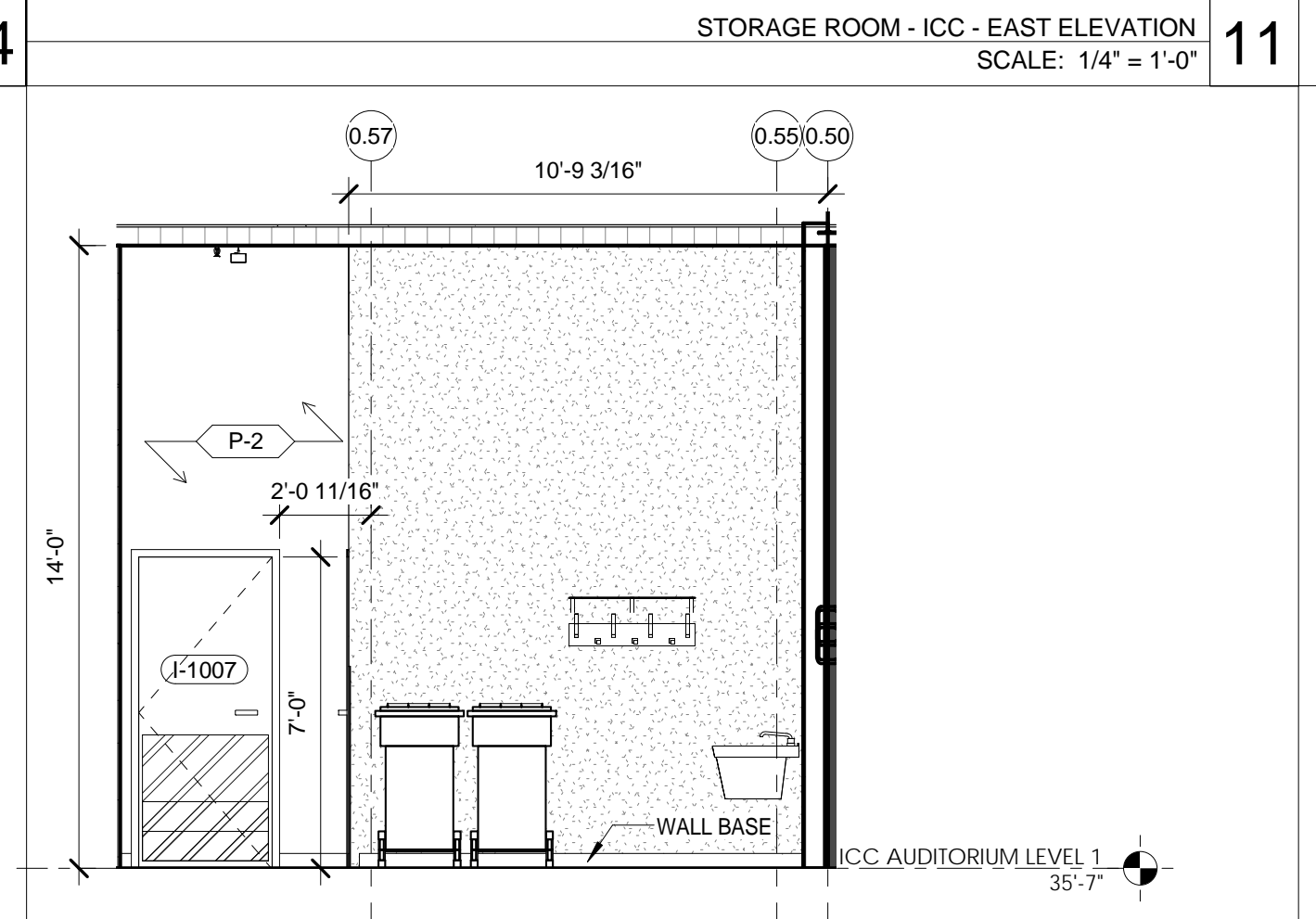
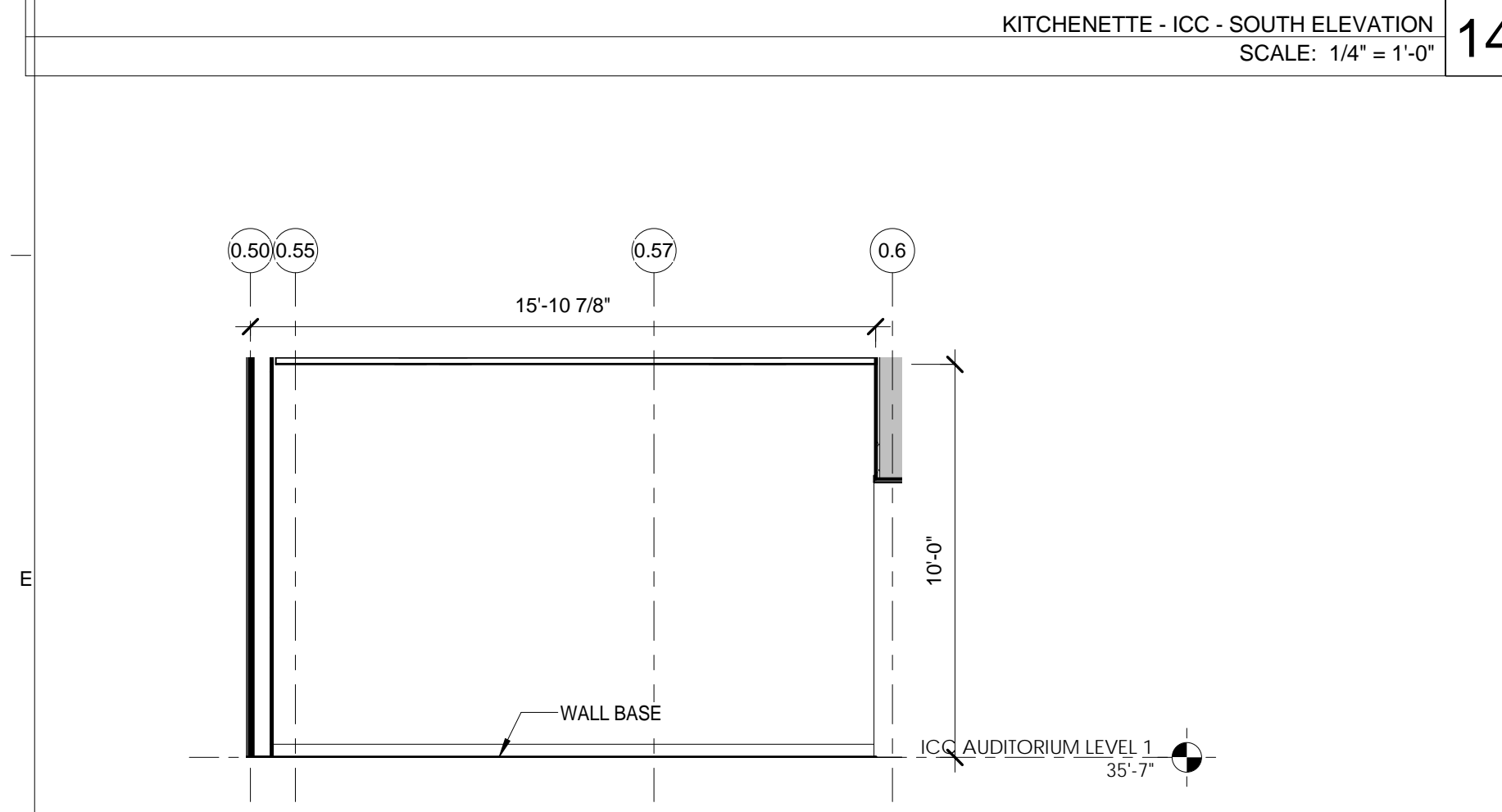
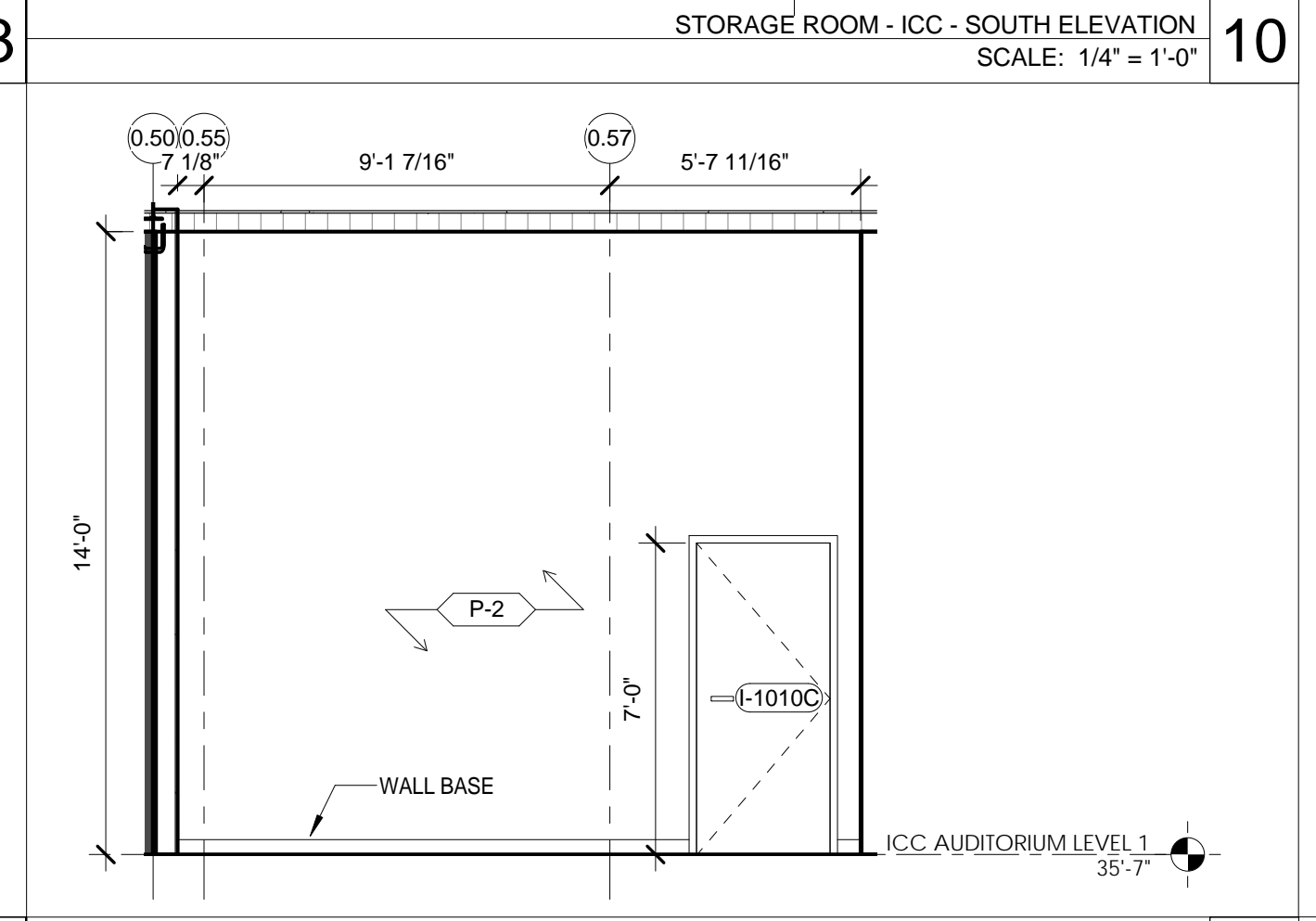
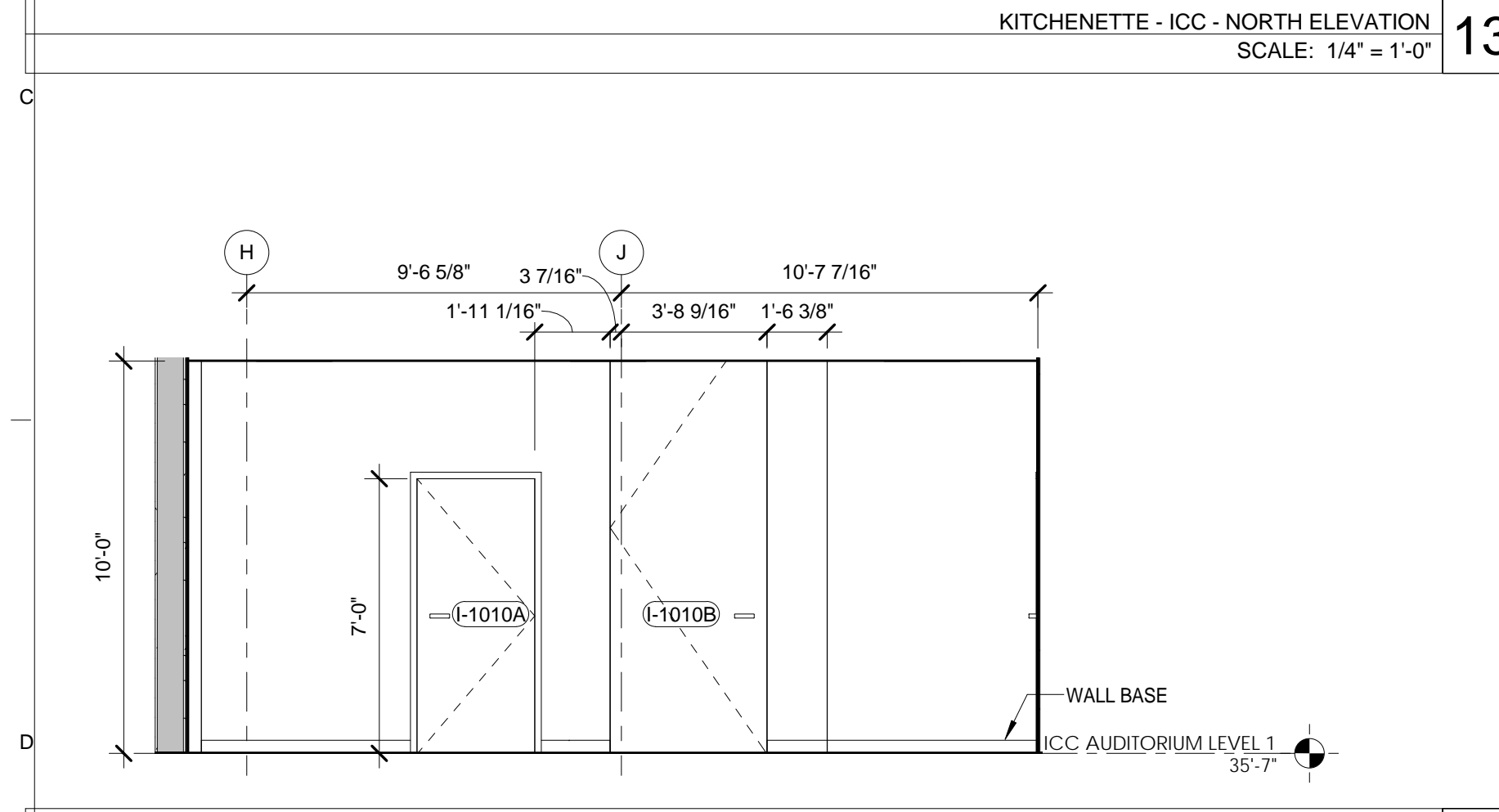
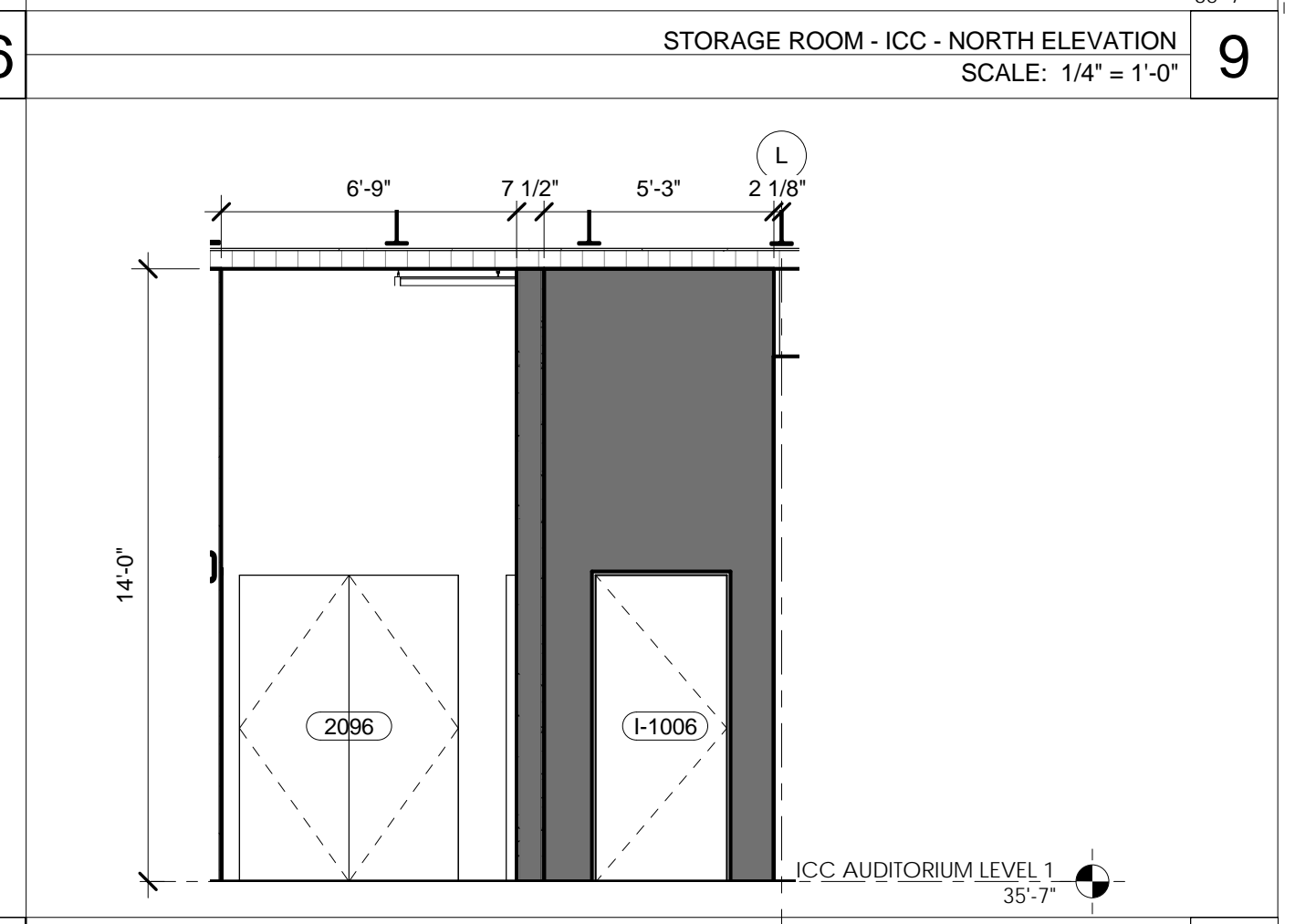
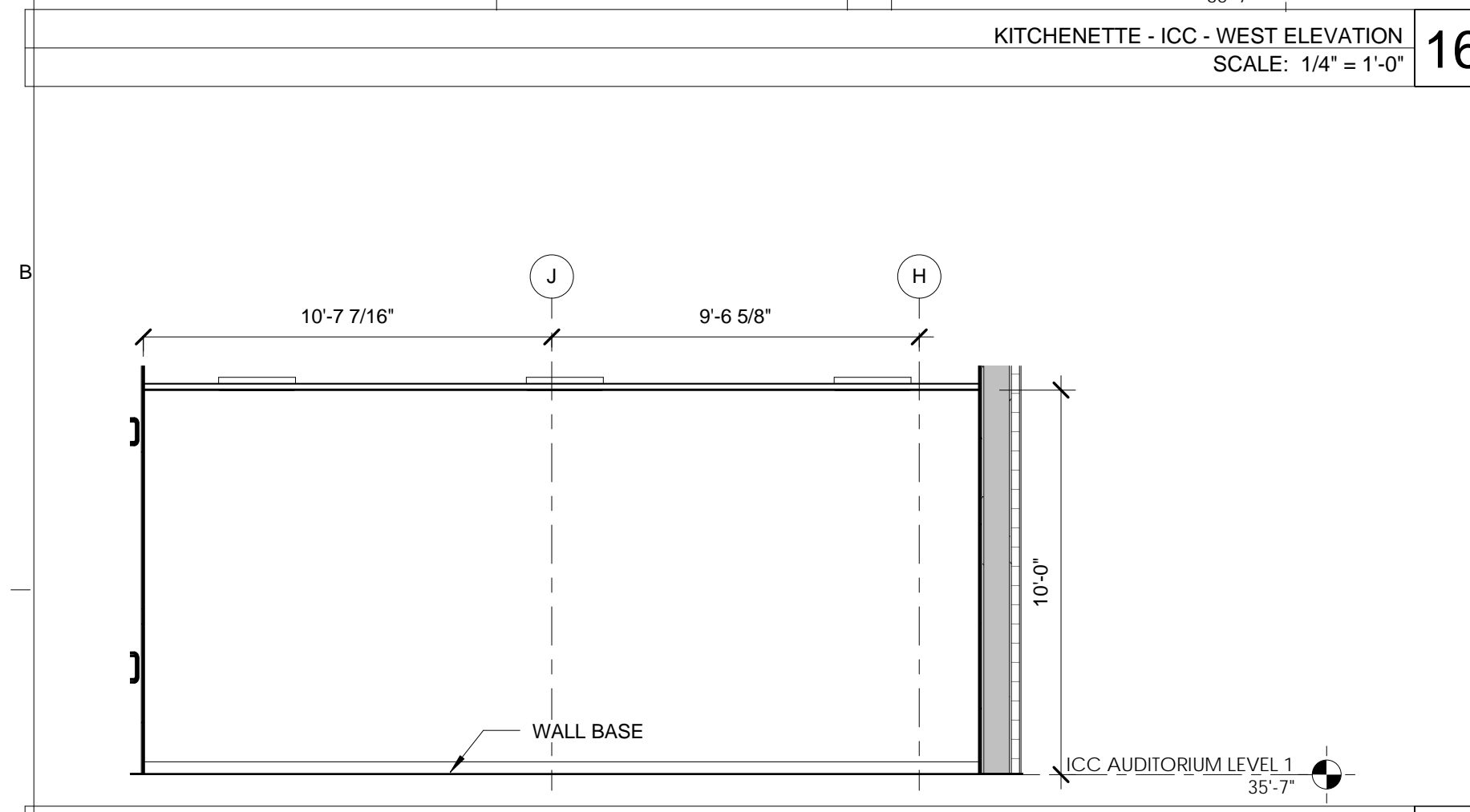
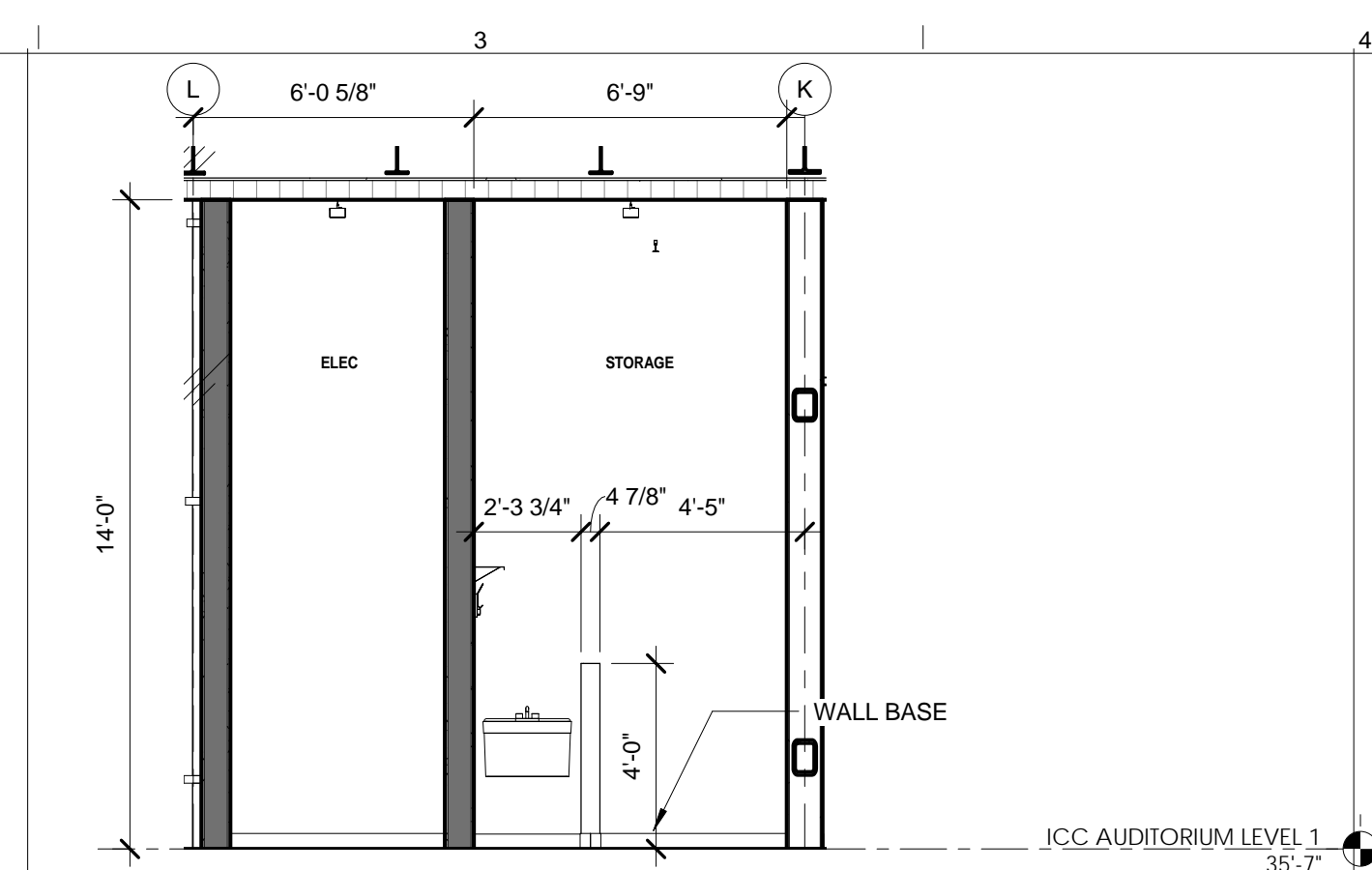
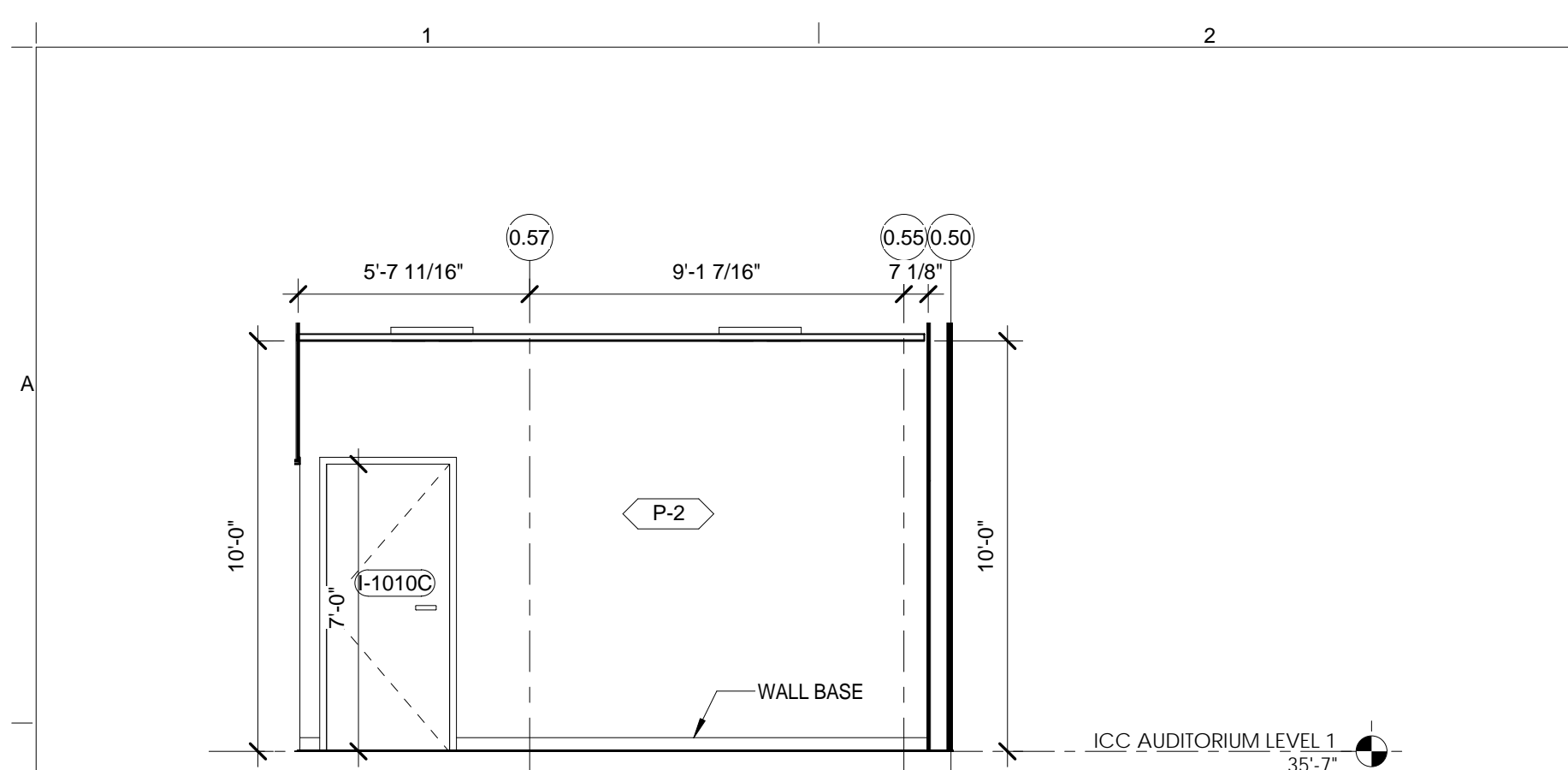
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NICOLAS BARONIA
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STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
24" x 36"
DRAWING SCALE
1/4" = 1'-0"
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
ICC TOILET ROOMS- ENLARGED PLANS, RCP AND ELEVATIONS
DRAWING NUMBER
A-670.00
Sheet 269 of 315
DOB REV



NOTE: SEE K-100 SERIES FOR DETAILED KITCHEN INFORMATION

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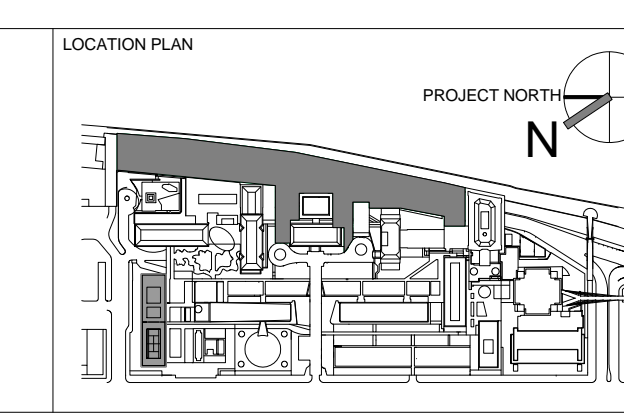
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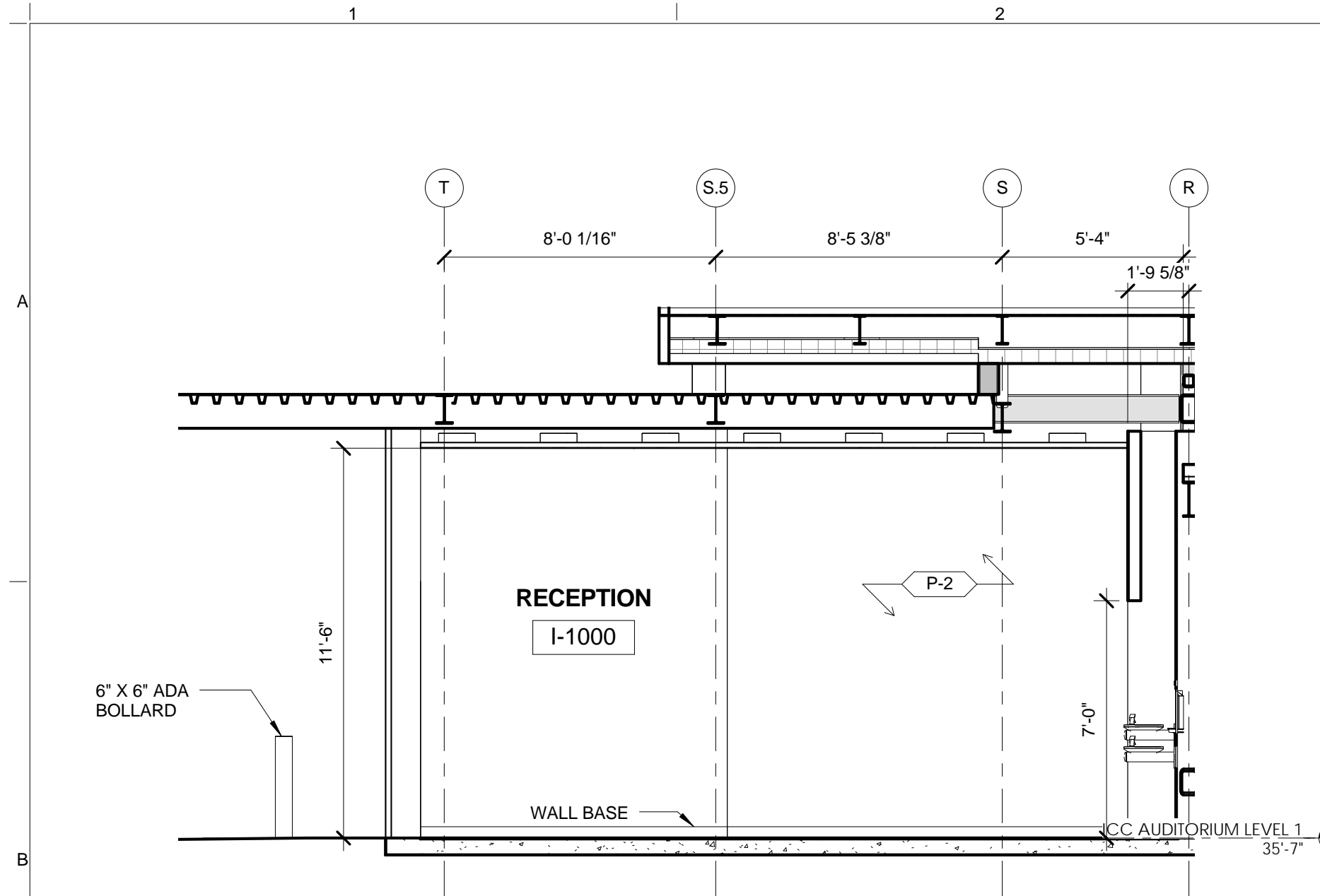
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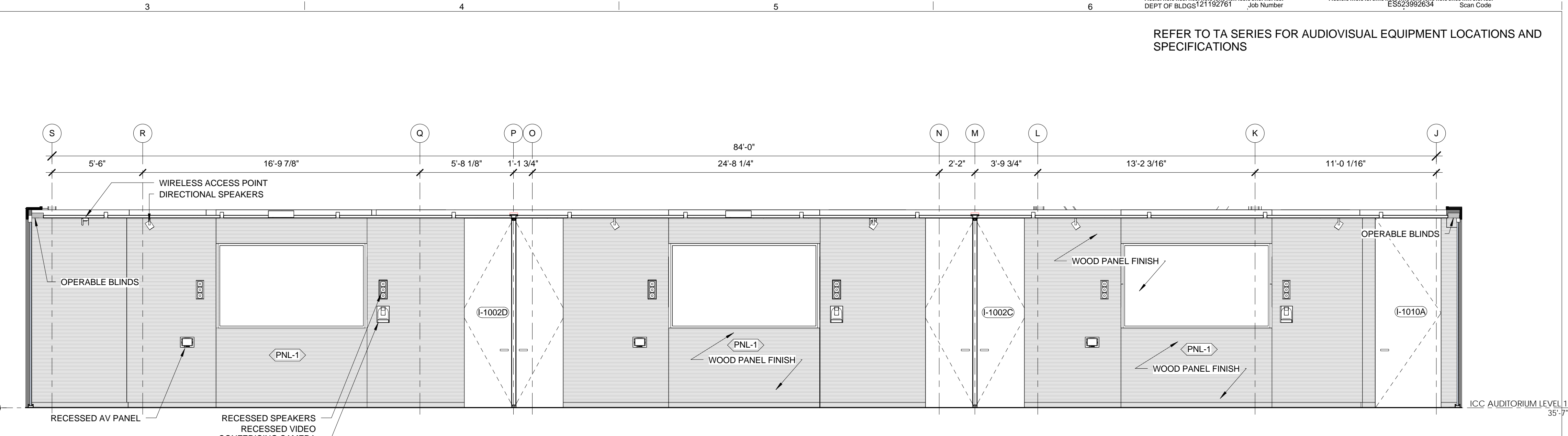
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2	DOB SUBMISSION -RB	16-DEC-15		

DRAWING NUMBER: **A-671.00**
Sheet 270 of 315
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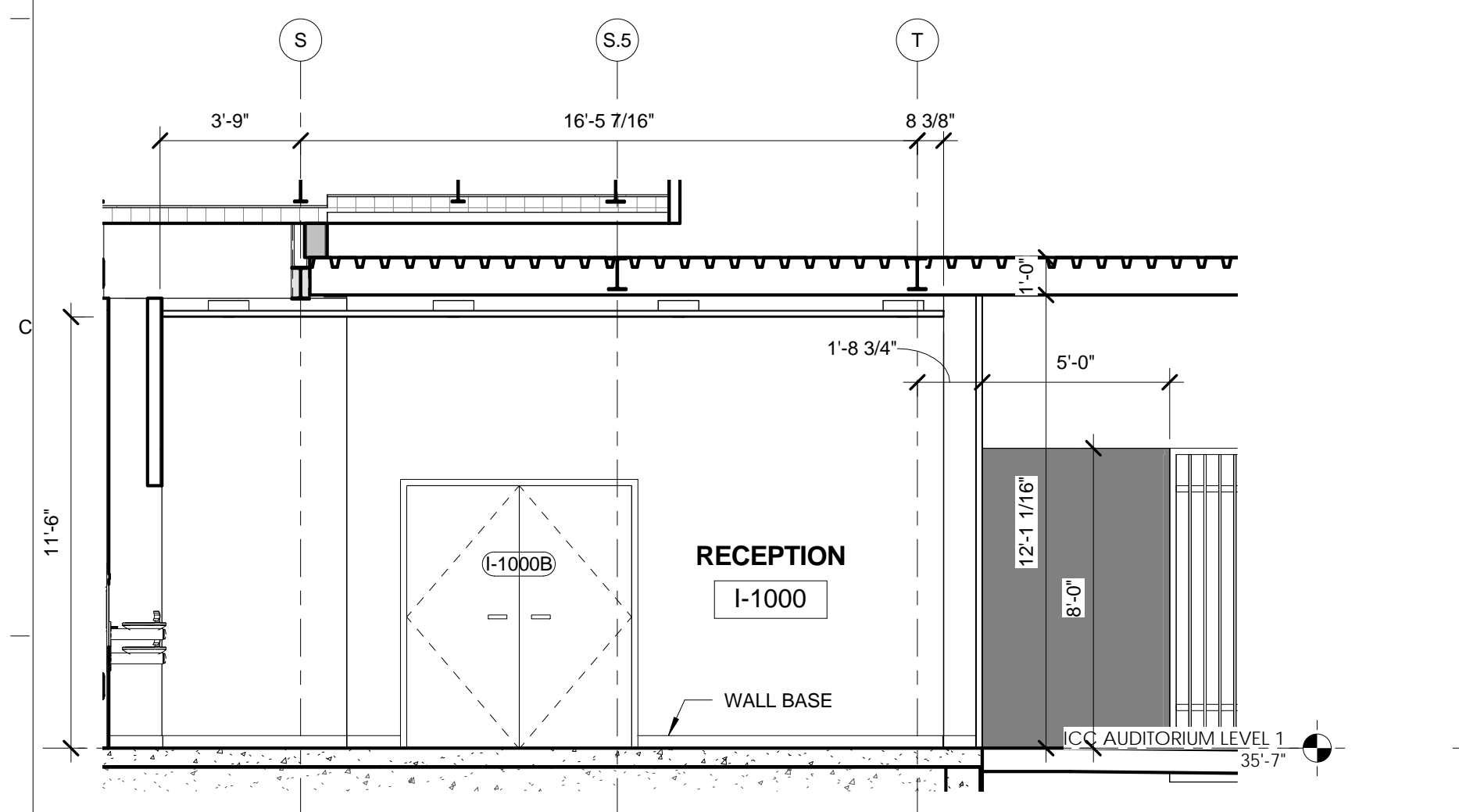
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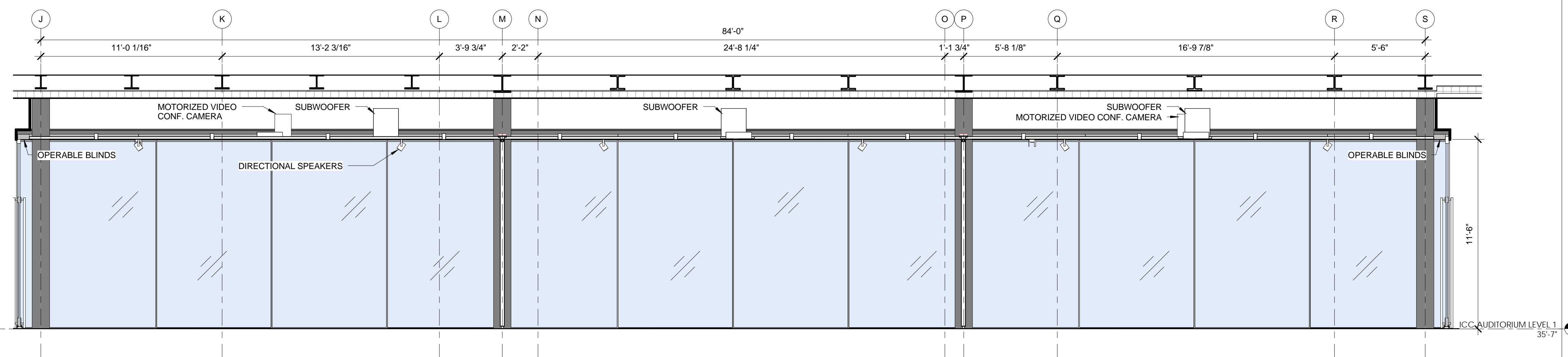
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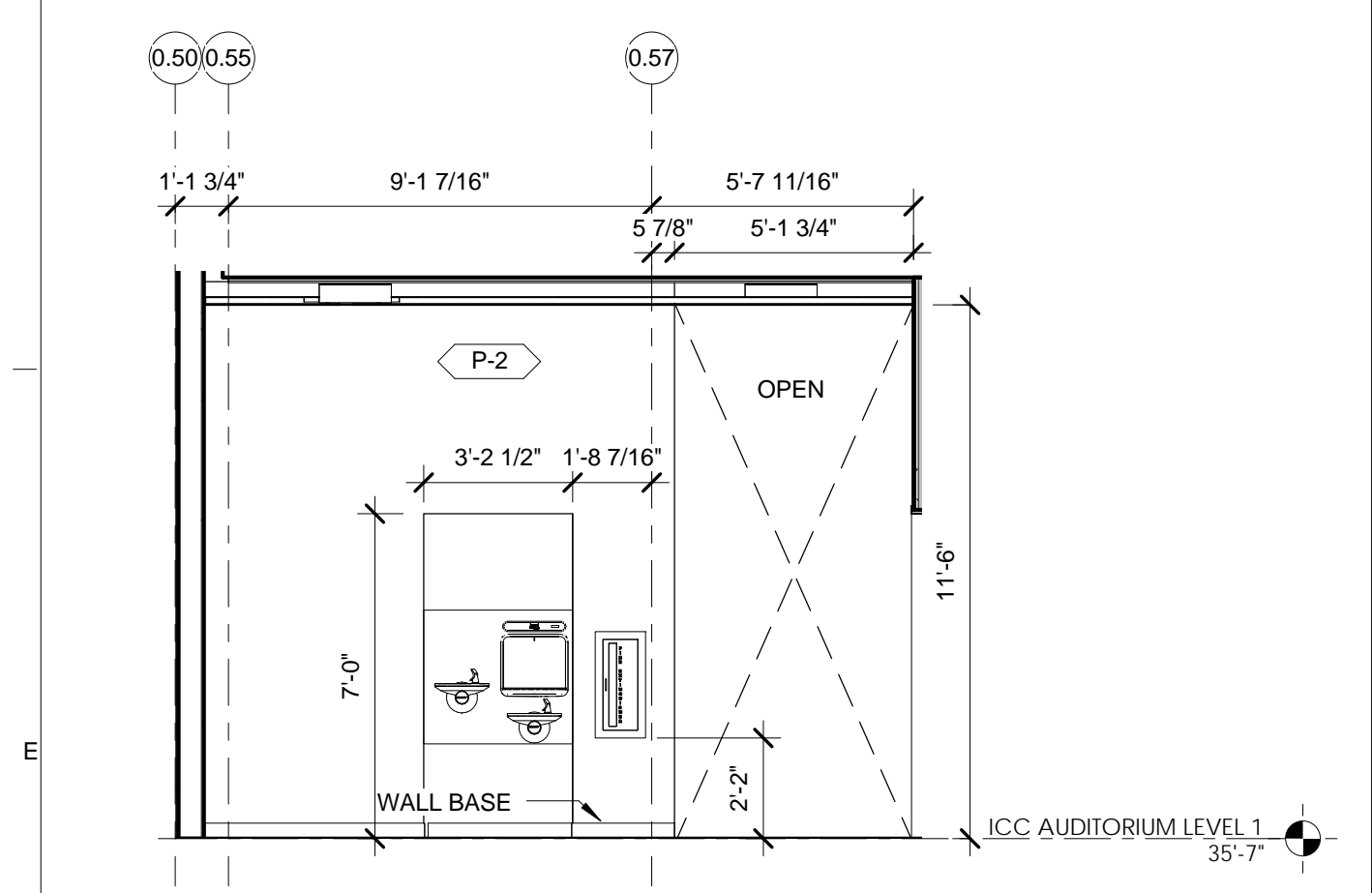
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SCALE: 1/4" = 1'-0" 1



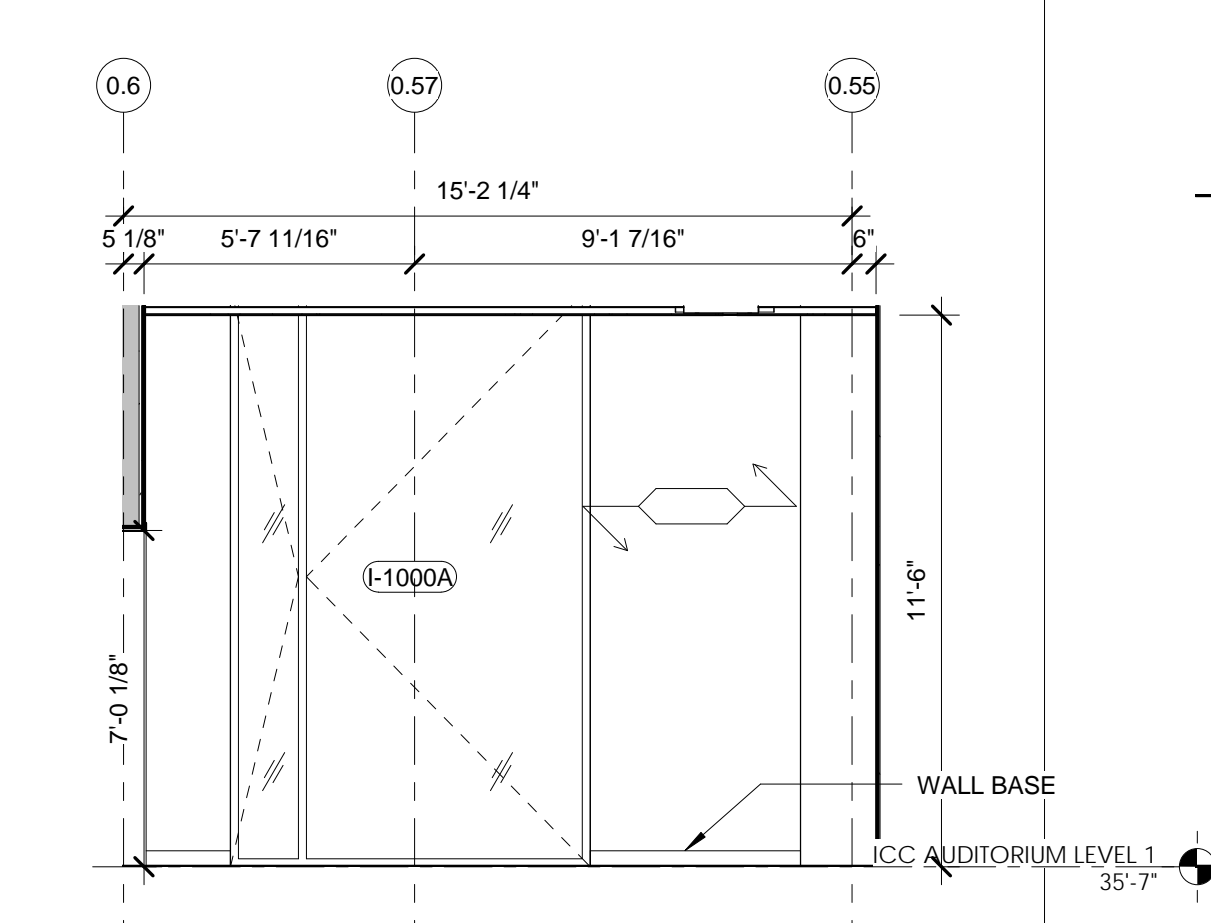
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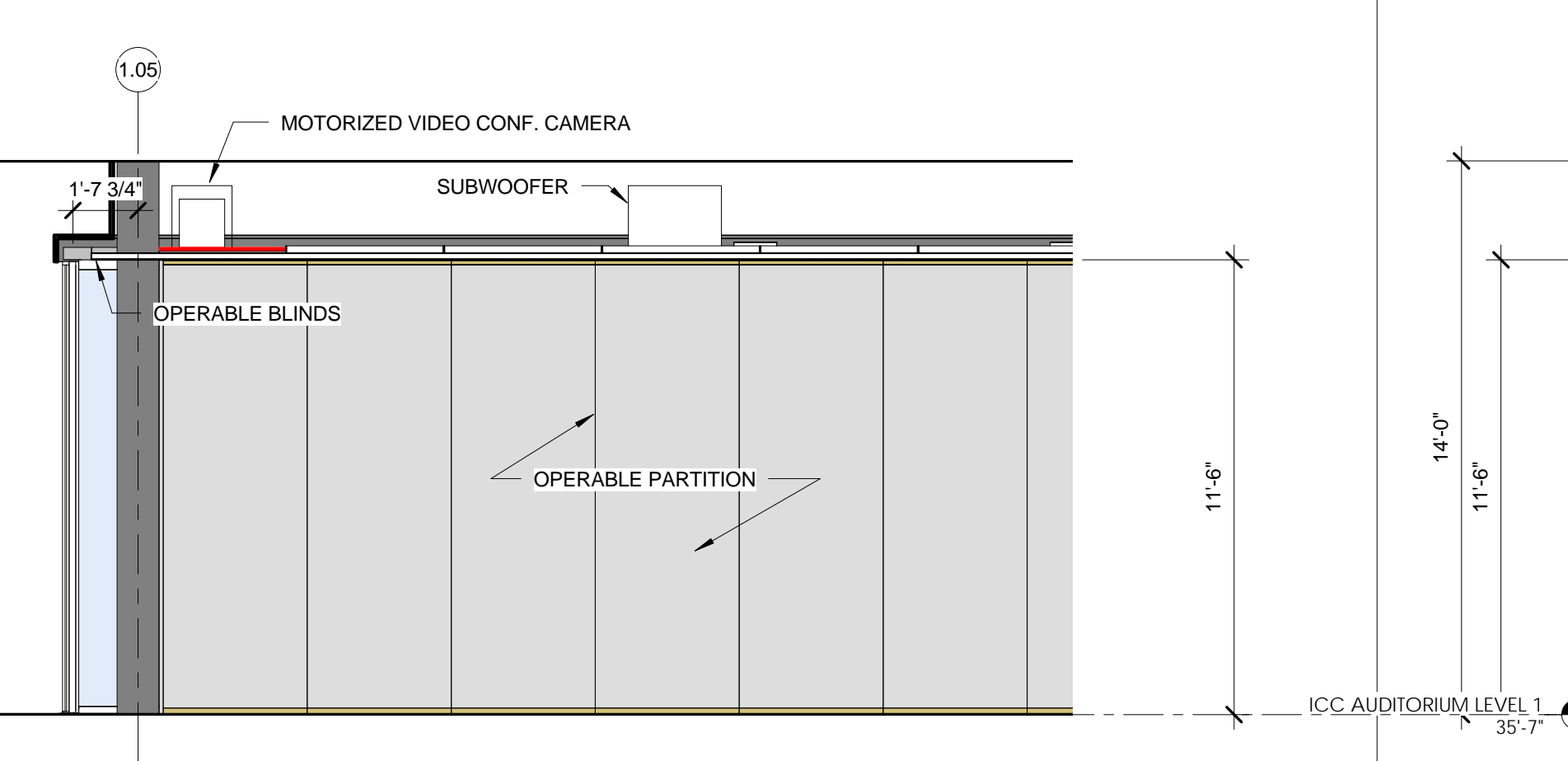
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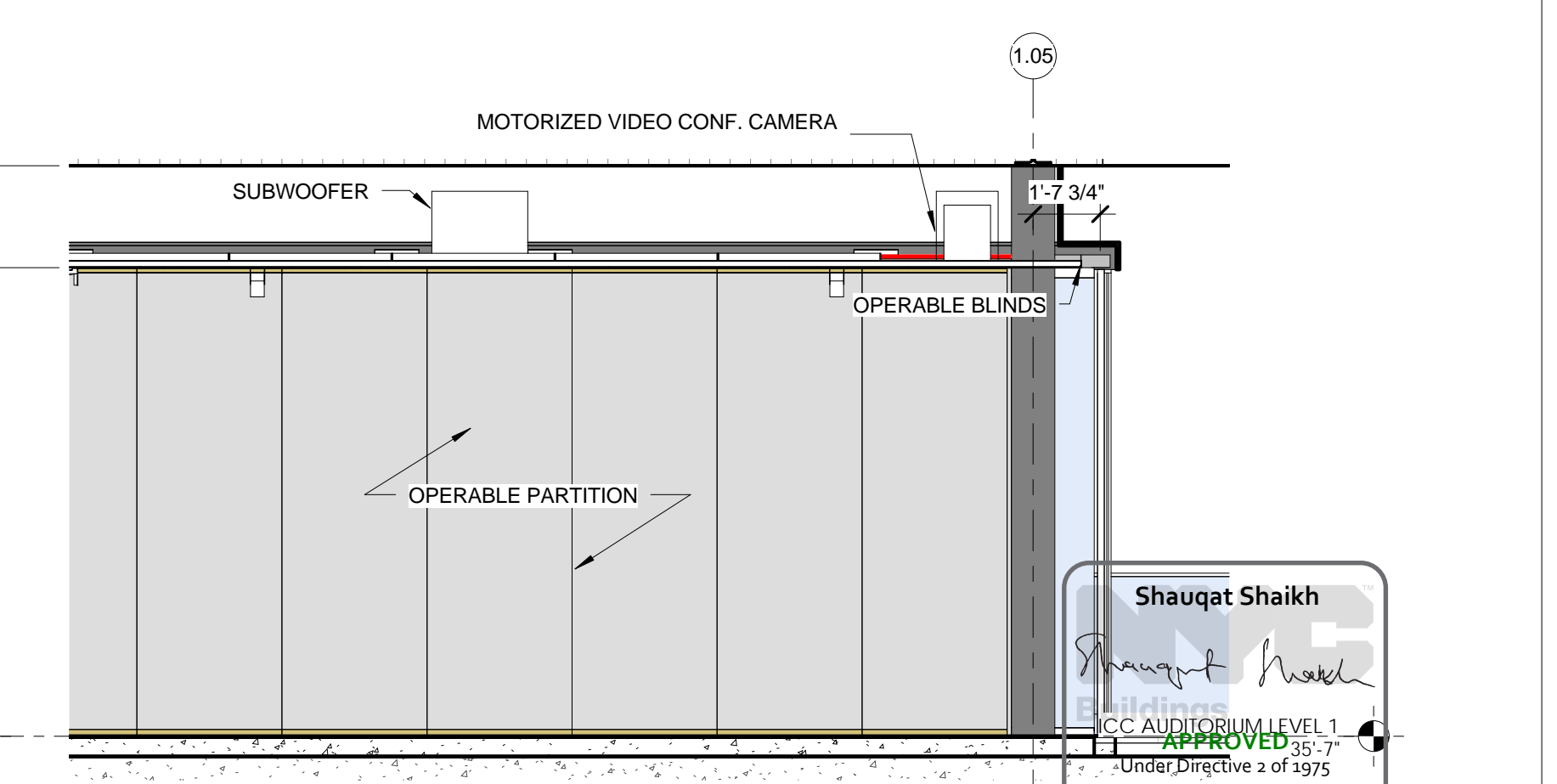
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SCALE: 1/4" = 1'-0" 7



RECEPTION - ICC - WEST ELEVATION
SCALE: 1/4" = 1'-0" 8



INTERACTIVE CONFERENCE CENTER - WEST ELEVATION
SCALE: 1/4" = 1'-0" 4



INTERACTIVE CONFERENCE CENTER - EAST ELEVATION
SCALE: 1/4" = 1'-0" 3

Shauqat Shaikh
APPROVED
Date: 04/30/2016
NYC Development Hub

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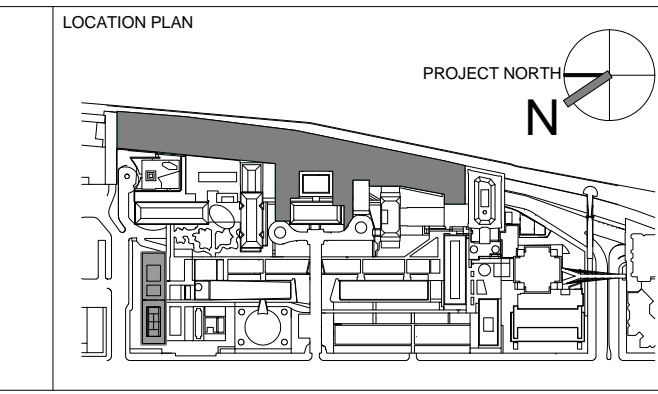
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ARCHITECT / ENGINEER SEAL



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DRAWING SCALE
1/4" = 1'-0"

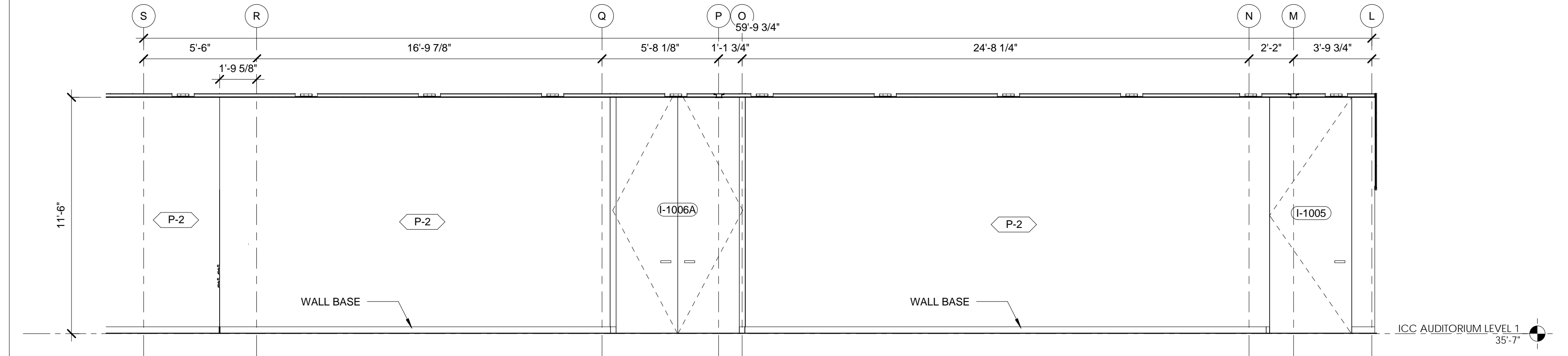
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
ICC - INTERIOR ELEVATIONS

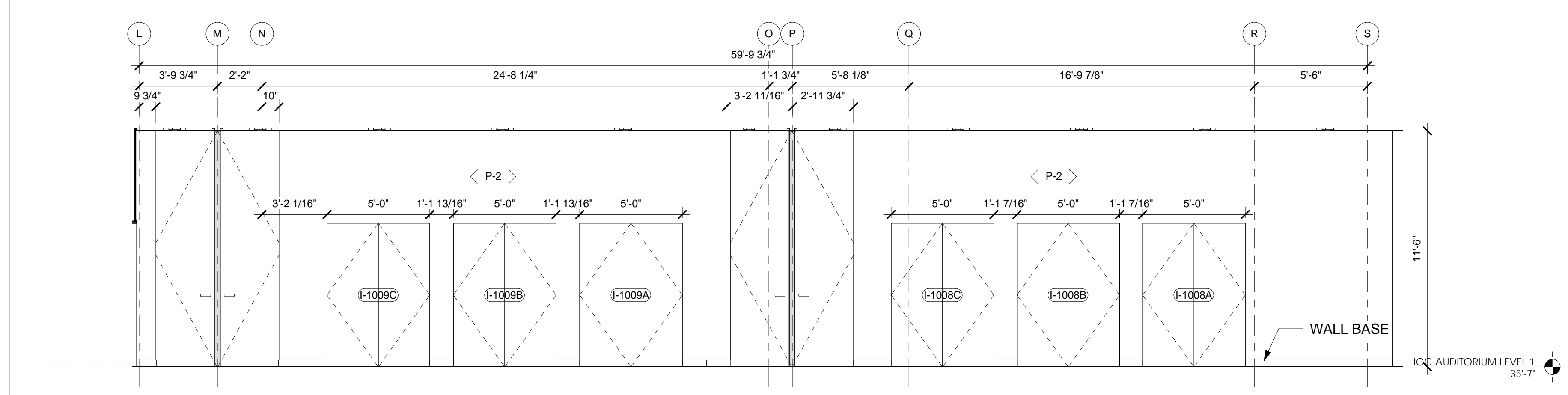
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SHEET 271 OF 315

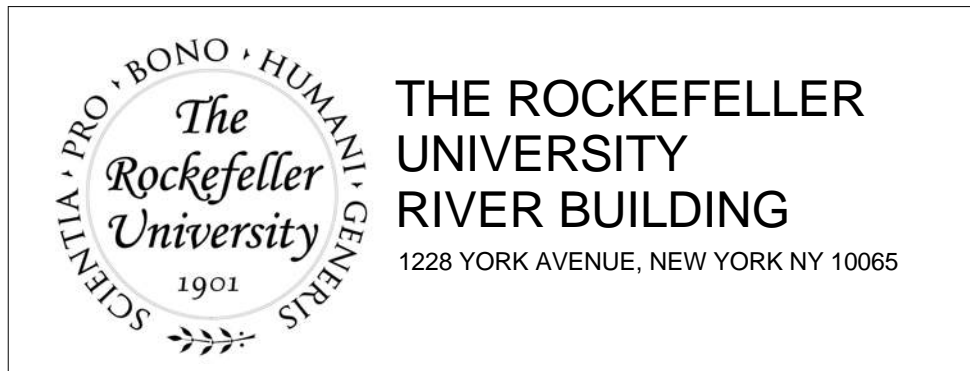
REFER TO TA SERIES FOR AUDIOVISUAL EQUIPMENT LOCATIONS AND SPECIFICATIONS



29 - a
SCALE: 1/4" = 1'-0" 1



29 - c
SCALE: 1/4" = 1'-0" 2



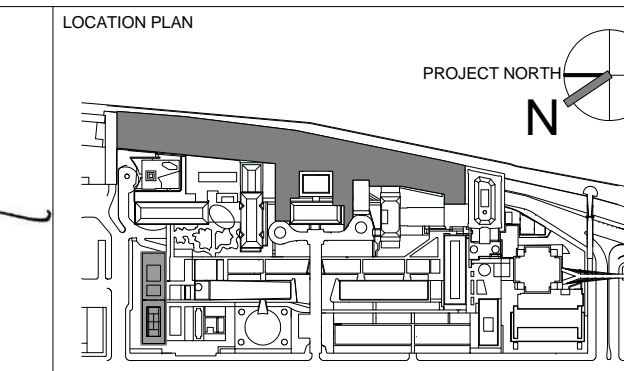
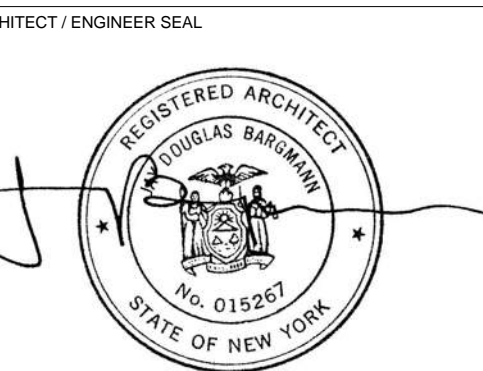
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
ICC - INTERIOR ELEVATIONS

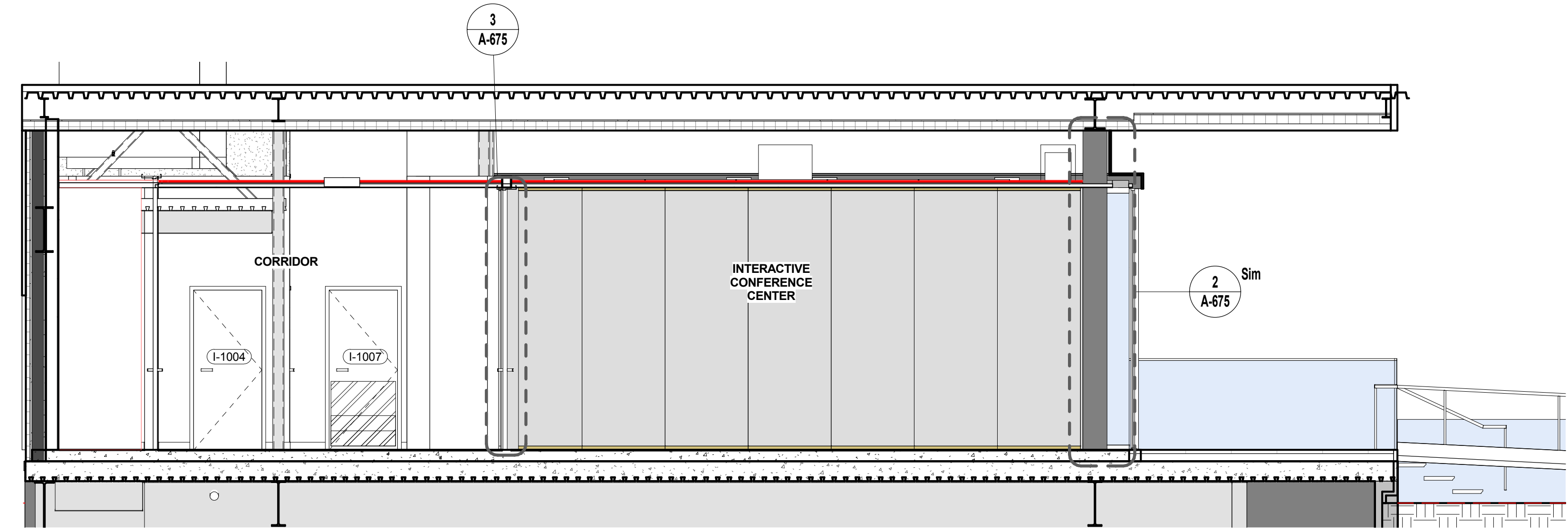
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A-673.00

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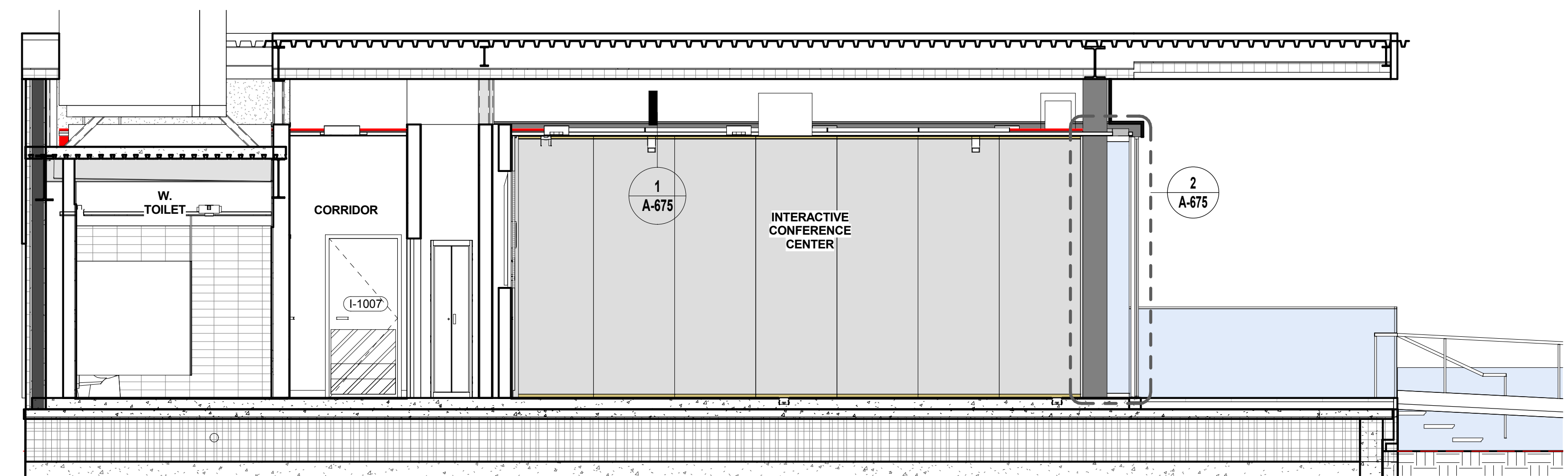
DRAWING SCALE
 1/4" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

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ICC - BUILDING SECTION 1
SCALE: 1/4" = 1'-0" 1



ICC - BUILDING SECTION 2
SCALE: 1/4" = 1'-0" 2

Shahidat Shaikh
Buildings
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub

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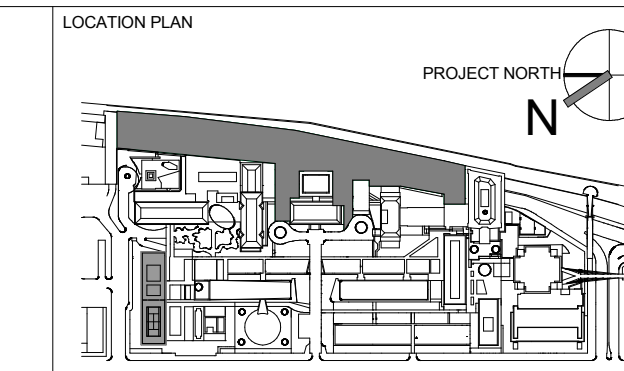
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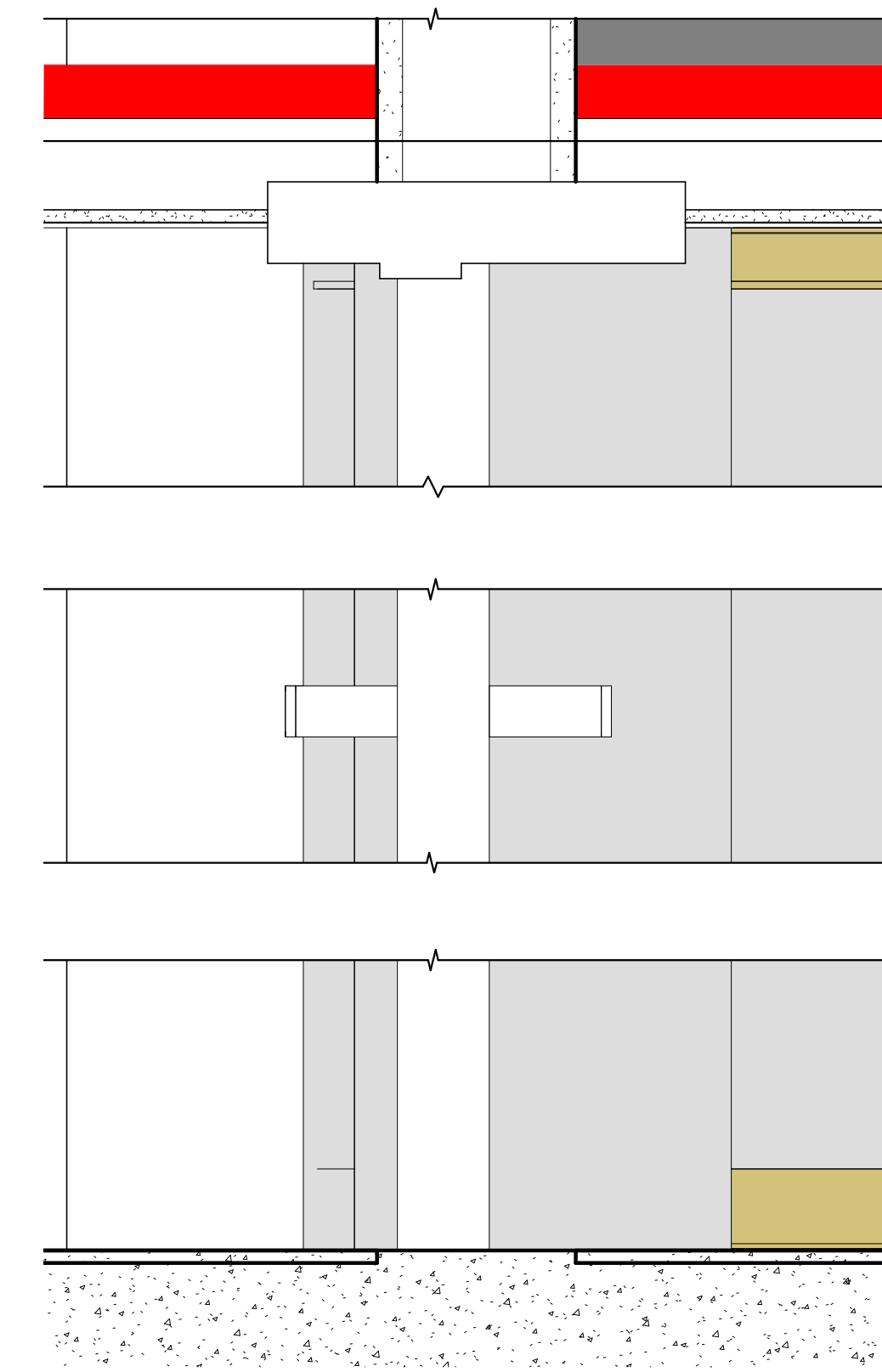


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
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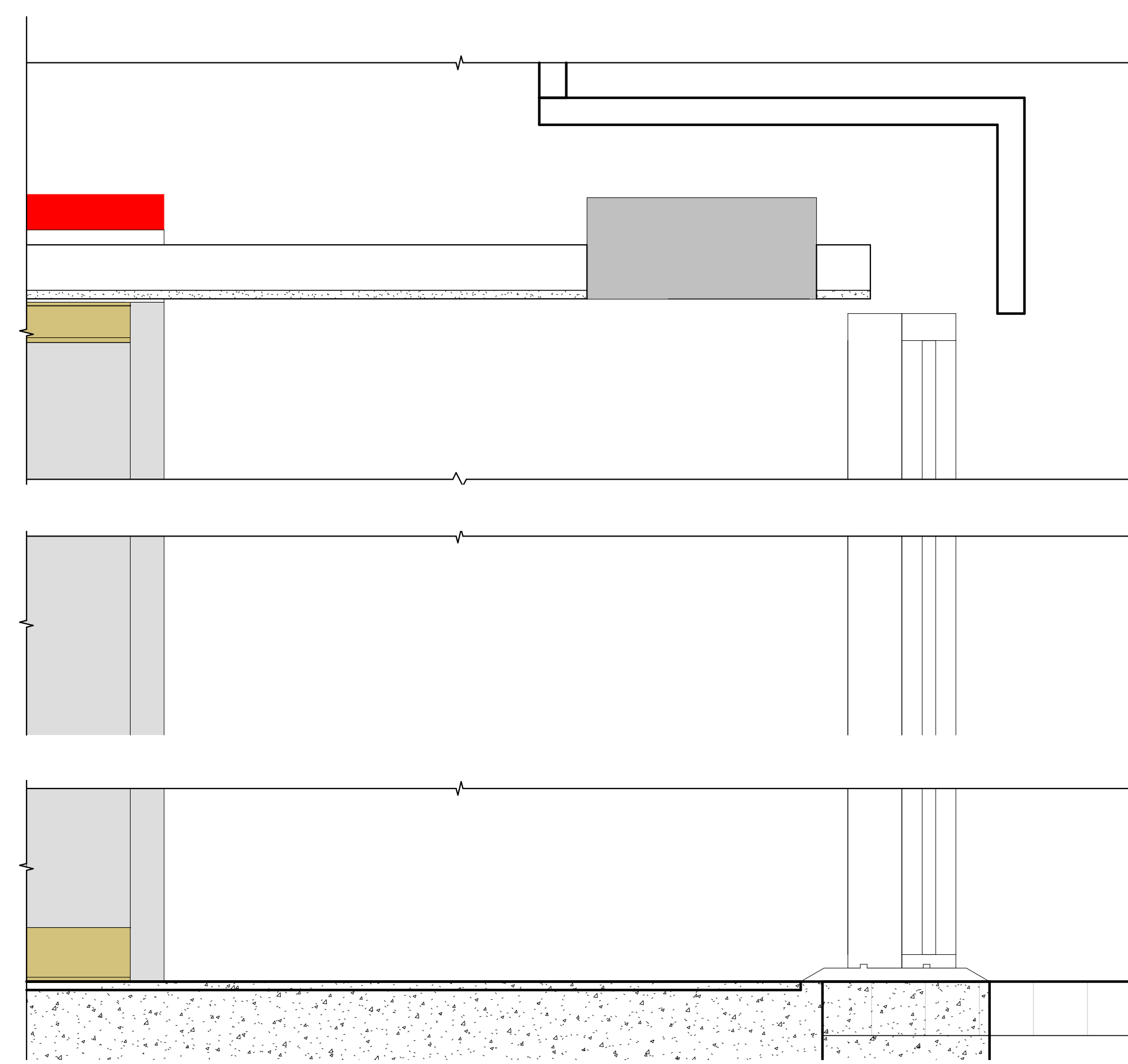
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Sheet 273 of 315



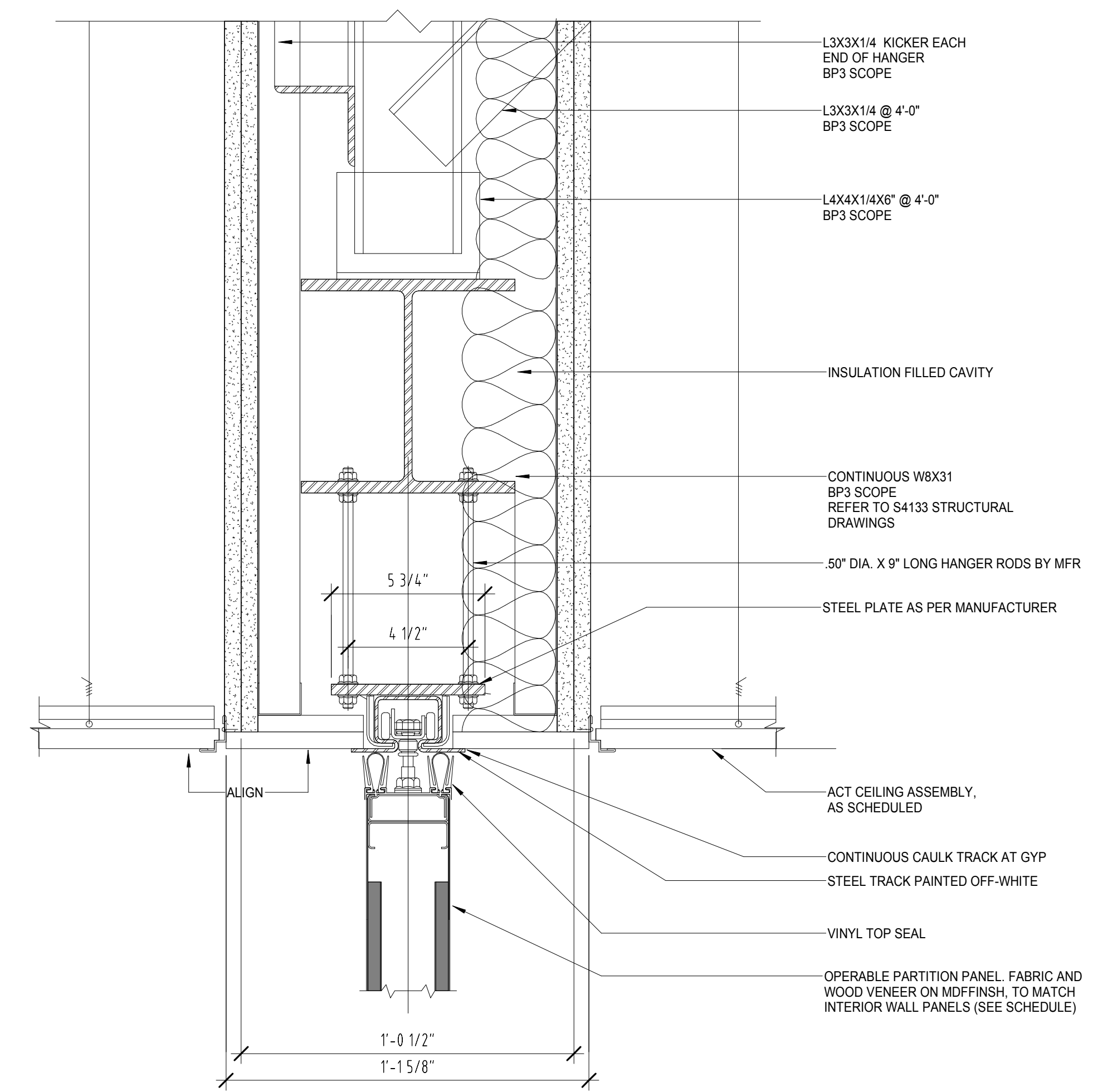
ICC- INTERIOR - OPERABLE PARTITION/HALLWAY DOOR CONNECTION
SCALE: 3" = 1'-0"

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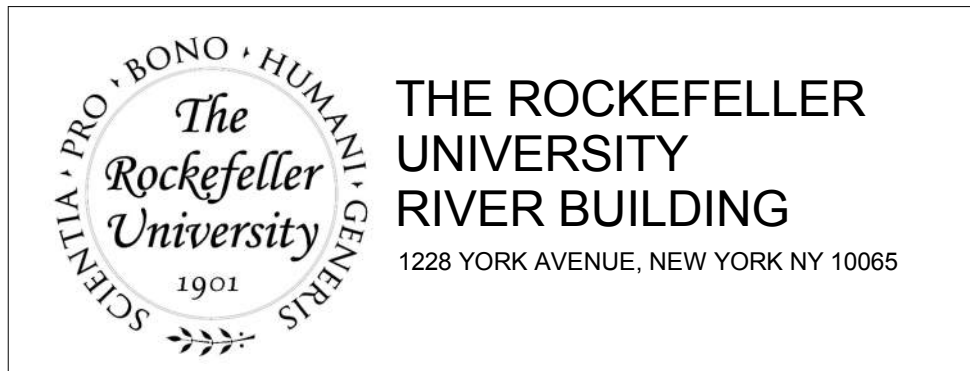
ICC- INTERIOR - OPERABLE PARTITION/COLUMN/ENCLOSURE CONNECTION
SCALE: 3" = 1'-0"

2



OPERABLE PARTITION DETAIL
SCALE: 3" = 1'-0"

1



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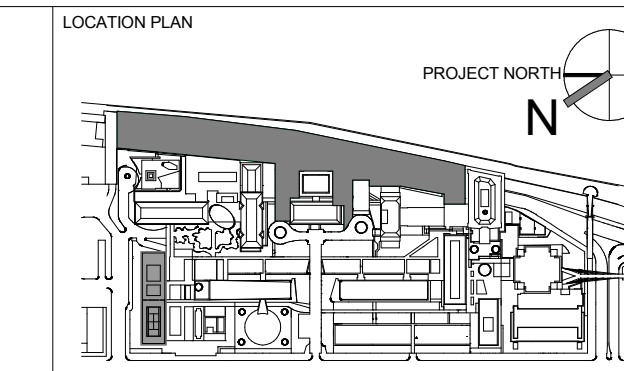
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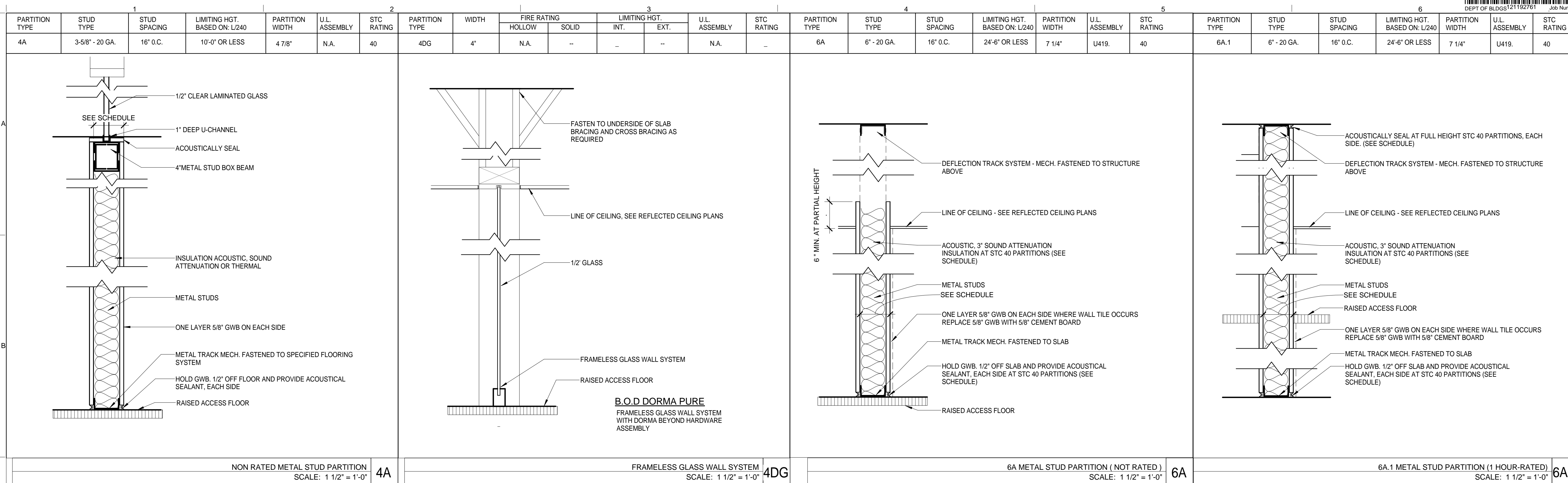


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
 ICC - DETAILS

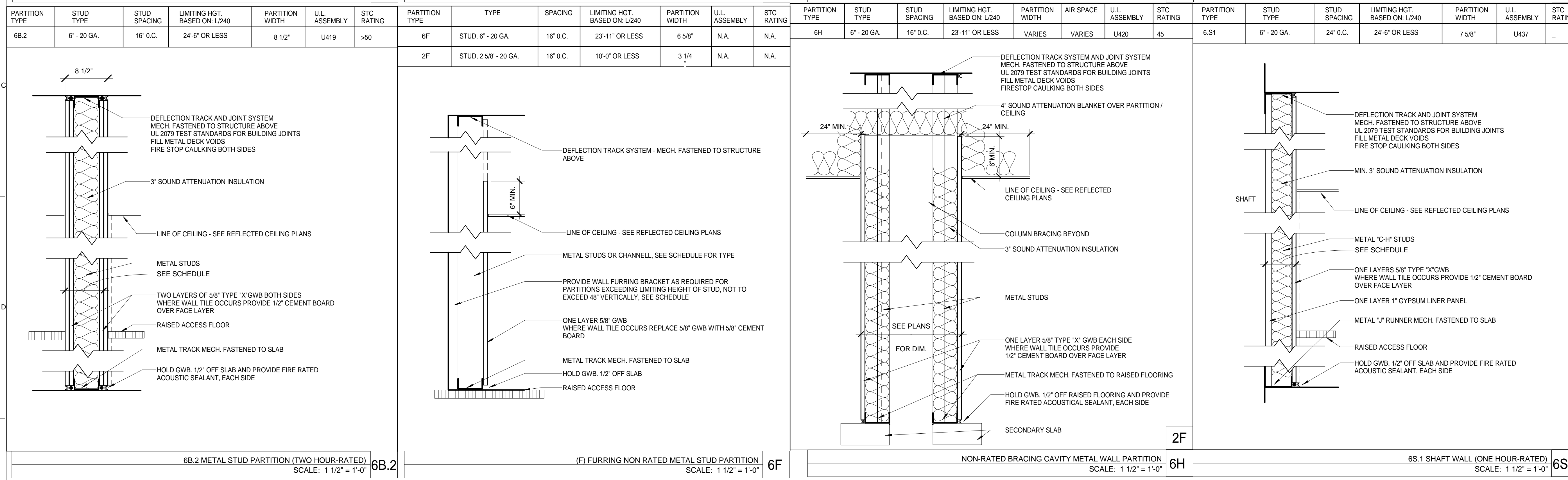
DRAWING NUMBER
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SHEET 274 OF 315



DEPTH OF WALL NOMINAL	FIRE RATING
STUD MASONRY	1 1 HOUR
1'-5/8" 4"	2 2 HOUR
2'-2-1/2" 6"	3 3 HOUR
3'-3-5/8" 8"	4 4 HOUR
4' 10 10"	
6' 12 12"	
8' 8"	

CONSTRUCTION TYPE	DESCRIPTIVE MODIFIERS
A STUD 1 LAYER OF GYPSUM	A ACOUSTIC INSULATION
B STUD 2 LAYERS OF GYPSUM	C CEMENT BOARD
C CHASE	E EPOXY FINISH (TROWELED)
F FURRING	H HIGH IMPACT GWB
M MASONRY	P PARTIAL HEIGHT
S SHAFT WALL	M MESH SECURITY WIRE
	MP METAL PANELS SYSTEM
	R REINFORCED
	S SMOKE BARRIER
	SH SHIELDING (EMF)
	SP SMOKE PARTITION
	T THERMAL INSULATION
	V VAPOR BARRIER
	W WATERPROOF
	X EXTRA GWB
	Z Z CLIP

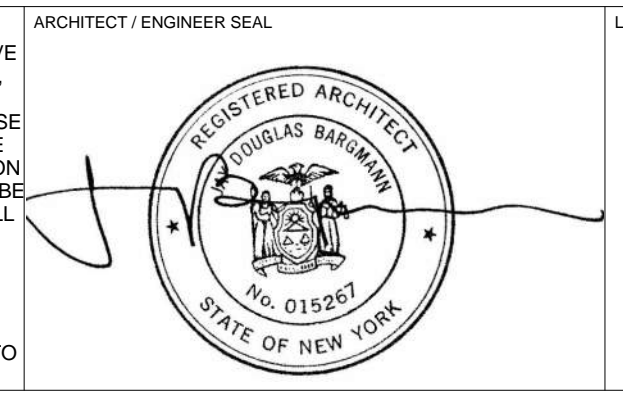


PARTITION TYPE	STUD TYPE	STUD SPACING	LIMITING HGT. BASED ON: L240	PARTITION WIDTH	U.L. ASSEMBLY	STC RATING	PARTITION TYPE	TYPE	SPACING	LIMITING HGT. BASED ON: L240	PARTITION WIDTH	U.L. ASSEMBLY	STC RATING	PARTITION TYPE	STUD TYPE	STUD SPACING	LIMITING HGT. BASED ON: L240	PARTITION WIDTH	AIR SPACE	U.L. ASSEMBLY	STC RATING	PARTITION TYPE	STUD TYPE	STUD SPACING	LIMITING HGT. BASED ON: L240	PARTITION WIDTH	U.L. ASSEMBLY	STC RATING
4A	3-5/8" - 20 GA.	16" O.C.	10'-0" OR LESS	4 7/8"	N.A.	40	4DG	4"	N.A.	--	--	N.A.	--	6A	6" - 20 GA.	16" O.C.	24'-6" OR LESS	7 1/4"	U419.	40	6A.1	6" - 20 GA.	16" O.C.	24'-6" OR LESS	7 1/4"	U419.	40	
6B.2	6" - 20 GA.	16" O.C.	24'-6" OR LESS	8 1/2"	U419	>50	6F	STUD, 6" - 20 GA.	16" O.C.	23'-11" OR LESS	6 5/8"	N.A.	N.A.	6H	6" - 20 GA.	16" O.C.	23'-11" OR LESS	VARIES	VARIES	U420	45	6S.1	6" - 20 GA.	24" O.C.	24'-6" OR LESS	7 5/8"	U437	--

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060	DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
D	DESIGN DEVELOPMENT	27-FEB-15	664.100
E	DOB SUBMISSION - RB	01-OCT-15	
1	PROGRESS SET	30-OCT-15	
2	DOB SUBMISSION - RB	16-DEC-15	

DRAWING TITLE	DRAWING NUMBER	DRAWING SIZE	DRAWING SCALE	PROJECT PHASE
PARTITION TYPES	664.100	24" x 36"	1 1/2" = 1'-0"	CONSTRUCTION DOCUMENTS

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 Buildings APPROVED
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

A-700.00
 Sheet 275 of 315

PARTITION TYPE	STUD TYPE	STUD SPACING	LIMITING HGT. BASED ON: L240	PARTITION WIDTH	U.L. ASSEMBLY	STC RATING	PARTITION TYPE	STUD TYPE	STUD SPACING	LIMITING HGT. BASED ON: L240	PARTITION WIDTH	U.L. ASSEMBLY	STC RATING	PARTITION TYPE	STUD TYPE	STUD SPACING	LIMITING HGT. BASED ON: L240	PARTITION WIDTH	AIR SPACE	U.L. ASSEMBLY	STC RATING
6S.2	6" - 20 GA.	24" O.C.	18'-10" OR LESS	7 1/4"	U415	NA	6S.3	2 1/2" - 20 GA.	24" O.C.	12'-2" OR LESS	3 1/2"	U415 A	NA	11A	(2) 6" - 20 GA.	16" O.C.	23'-11" OR LESS	VARIES	VARIES	U420	45

PARTITION NOTES:

- UNLESS NOTED OTHERWISE ALL METAL STUDS SHALL BE 20 GAUGE MIN.
- PARTITION THICKNESS INDICATED ARE MINIMUM.
- USE WATER RESISTANT GYPSUM BOARD AT ALL WALLS IN UTILITY ROOMS, JANITOR CLOSETS AND OTHER WET AREAS. PROVIDE CEMENT BACKER BOARD AT ALL WALLS TO RECEIVE CERAMIC/PORCELAIN TILE.
- USE 12 GA. BACKING PLATES IN LIEU OF WD. BLOCKING AT HANDRAILS, GRAB BARS AND OTHER WALL MOUNTED ITEMS.
- ALL FIRE RATED PARTITION DESIGN NUMBERS ARE U.L. DESIGN AND SHALL CONFORM TO THE LISTED DESIGN.
- ALL FIRE CODE GYPSUM BOARD SHALL BE FIRE CODE TYPE AS LISTED IN THE U.L. DESIGN DESCRIPTION FOR THE NOTED FIRE RATED ASSEMBLY.
- ALL PARTITIONS AT STORAGE ROOMS, REGARDLESS OF SIZE, SHALL BE FIRE STOPPED AND SMOKE STOPPED. FIRE AND SMOKE STOPPING SHALL BE TIGHT TO BEAMS, JOISTS, ETC. AS REQUIRED TO MAINTAIN CONTINUITY OF WALL CONSTRUCTION
- USE FIRESTOP FULL PARTITION THICKNESS, DRESS WITH SMOKE STOP @ FIRE RATED PARTITION.
- CLOSE ALL WALLS, PARTITIONS, ENCLOSURES, ETC. TIGHT TO ADJOINING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, BEAMS, JOISTS, ETC.
- FILL ALL PIPE PENETRATION OF FLOORS WITH PREFORMED RESILIENT FILLER, USE FIRESTOP FULL PARTITION THICKNESS, DRESS WITH SMOKE STOP @ FIRE RATED PARTITION.
- FOR INTERIOR MASONRY WALL, PROVIDE #4 CONT. REINFORCE @ 48" O.C. (MAX.) VERTICALLY. IN ADDITION, PROVIDE REINFORCE @ EACH WALL CORNER, WALL OPEN'G, AND END OF WALL.
- SEISMIC BRACING REQUIRED FOR SUSPENDED CEILING SYSTEMS.

GENERAL NOTES:

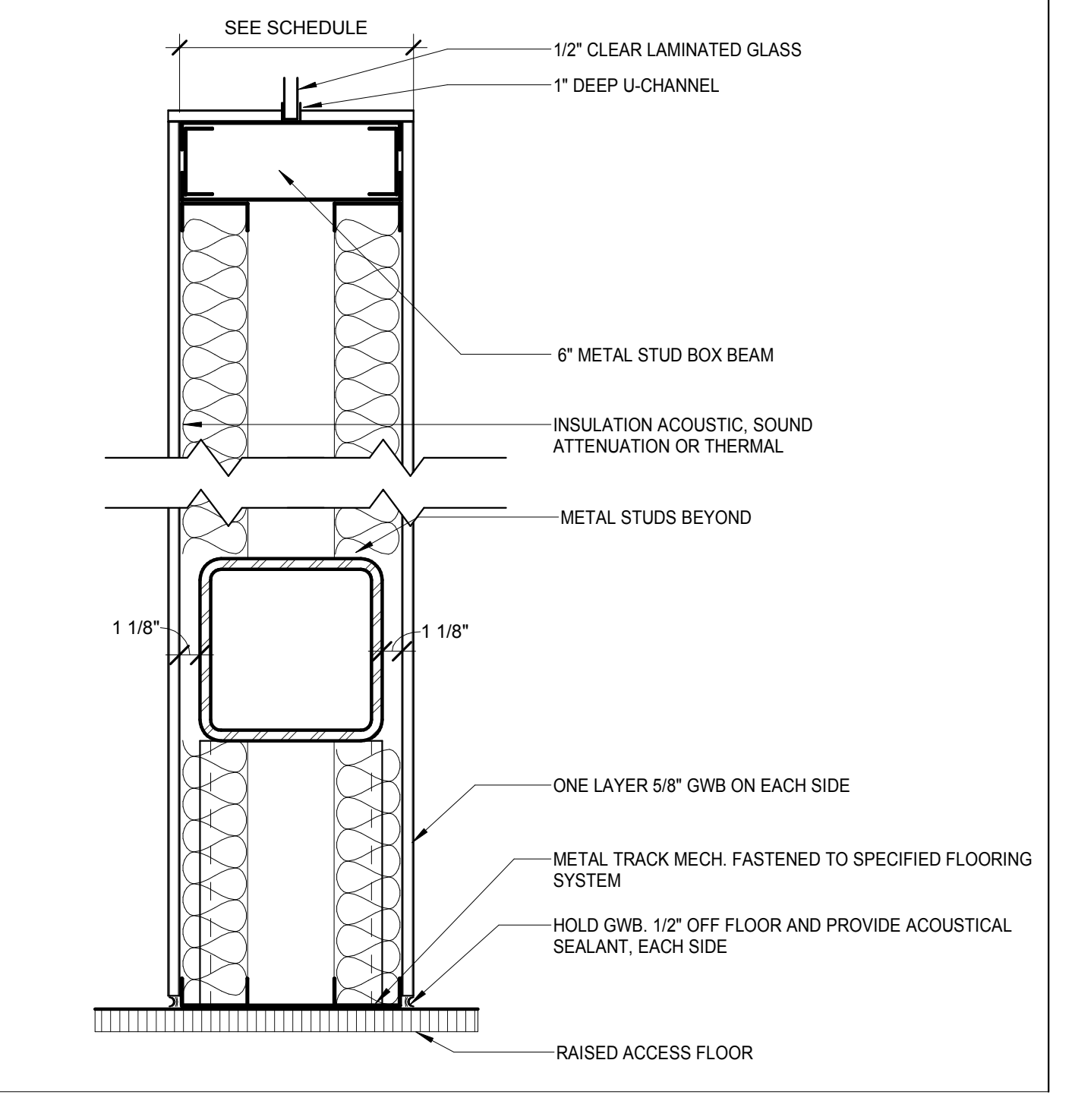
- ALL PARTITIONS ARE TO BE ERRECTED FULL HEIGHT TO STRUCTURAL SLAB ABOVE UNLESS OTHERWISE NOTED.
- AT HEAD OF FIRE RATED WALL PARTITIONS, PROVIDE FIRE RESISTIVE JOINT MEETING UL 2079 TEST STANDARDS FOR BUILDING JOINTS TO PROVIDE FIRE RATING EQUAL TO THAT OF PARTITION.
- PROVIDE STUD SPACING AS CALLED FOR IN PARTITION TYPE.
- PROVIDE 3" SOUND ATTENUATION FIRE BLANKET INSULATION (SAFB).
- ALL DIMENSIONS SHOWN IN PARTITION TYPES ARE TO BE FACE OF GWB.
- DRYWALL SHOULD NOT MAKE CONTACT WITH PERIMETER WALLS, FLOORS, OR CEILINGS. LEAVE MINIMUM 1/8" GAP AROUND ENTIRE PERIMETER AND SEAL WITH NON-HARDENING ACOUSTICAL CAULK.
- CABLE TRAYS ARE TO BE PACKED TIGHTLY WITH INSULATION ONCE CABLES ARE PULLED. PENETRATIONS TO BE SEALED AS REQUIRED TO MAINTAIN REQUIRED FIRE RATING.
- PARTITIONS TO BE CONSTRUCTED WITH APPROPRIATE STUD GAUGE BASED ON LIMITING HEIGHT.
- HOLD GWB OFF FLOOR 1/2" TO PREVENT WICKING. PROVIDE CONTINUOUS NON-HARDENING ACOUSTICAL CAULKING BEADS ON EACH SIDE OF THE BOTTOM STUD RUNNER AT THE THREE-WAY INTERSECTION BETWEEN THE RUNNER, FLOOR AND DRYWALL.
- MULTIPLE LAYER OF GYPSUM BOARD ARE TO BE APPLIED WITH STAGGERED JOINTS.
- ELECTRICAL SWITCHES, OUTLETS, AND AV/IT BOXES ARE TO RECEIVE OUTLET BOX BARRIER PAD FOR ALL PARTITIONS SURROUNDING THE FOLLOWING TYPE SPACES: MULTI-PURPOSE, CONFERENCE, WORKROOM, OFFICE & OFFICE SUITE, CLASSROOMS, CASEROOM, MEETING, WAITING, STAFF LOUNGE, TOILET, MECHANICAL, ELECTRICAL, AND ELEVATOR MACHINE ROOM.
- ALL FIRE RATED PARTITIONS SHALL NE LABELED ACCORDING TO THEIR RATING. THE RATING OF THE PARTITION SHALL BE INDICATED BY STENCILED RED LETTERS, 4" HIGH MIN. AND 1/2" STROKE. FIRE RATING SHALL BE LABELED JUST ABOVE THE FINISHED CEILING, OR AT 10'-0" AFF. FOR SPACES WITHOUT FINISHED CEILING. THE LABELING SHALL BE AT INTERVALS OF NOT MORE THAN 10'-0" APART AND PROVIDED AT LEAST TWICE ON EACH PARTITION.
- ALL VOIDS AND PENETRATIONS IN FIRE RATED PARTITIONS ARE TO BE SEALED AS REQUIRED TO MAINTAIN CONTINUOUS FIRE RATING.
- COORDINATE WALL CLADDING TYPE AND LOCATION WITH FINISH PLANS AND INTERIOR ELEVATIONS. VERIFY CLADDING THICKNESS APPROPRIATE DETAIL.
- MOISTURE/ MOLD RESISTANCE GWB TO BE PROVIDED AT ALL WALLS OF TOILET ROOMS WELL AS ALL WET WALL LOCATIONS LENGTH OF WALL HEIGHT OF 12" MIN. ABOVE. AT SHOWER WALLS PROVIDE MOISTURE/MOLD RESISTANT GWB FULL HEIGHT OF PARTITIONS.
- WHERE TILE OCCURS AT RATED PARTITIONS, USE MOISTURE/MOLD RESISTANT GWB AND PROVIDE 1/2" CEMENT BOARD OVER FACE LAYER. AT NON-RATED PARTITIONS, REPLACE FACE LAYER GWB W/ 5/8" CEMENT BOARD.
- AT SMOKE PARTITIONS PROVIDE SMOKE RESISTANT DOORS, SAFETY GLAZING AS REQUIRED, AND SMOKE STOPPING.

STAIR /ELEVATOR SHAFT WALL (1 HOUR RATED) SCALE: 1 1/2" = 1'-0" 6S.2

STAIR /ELEVATOR SHAFT WALL (1 HOUR RATED) SCALE: 1 1/2" = 1'-0" 2S.3

NON-RATED PLUMBING CAVITY WALL PARTITION SCALE: 1 1/2" = 1'-0" 11A

PARTITION TYPE	STUD TYPE	STUD SPACING	LIMITING HGT. BASED ON: L240	PARTITION WIDTH	U.L. ASSEMBLY	STC RATING
12A	(2) 3-5/8" - 20 GA.	16" O.C.	10'-0" OR LESS	1'-3 1/4"	N.A.	40



NON RATED METAL STUD PARTITION SCALE: 1 1/2" = 1'-0" 12A

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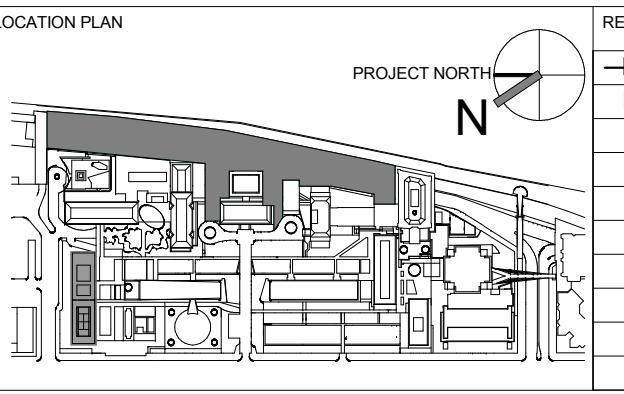
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ARCHITECT / ENGINEER SEAL
 SHAUQAT SHAIKH
 REGISTERED ARCHITECT
 STATE OF NEW YORK
 No. 015267



REV	DESCRIPTION	DATE
0	DOB SUBMISSION	20-AUG-16
1	DOB SUBMISSION - RB	01-OCT-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING TITLE
 PARTITION TYPES

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1 1/2" = 1'-0"

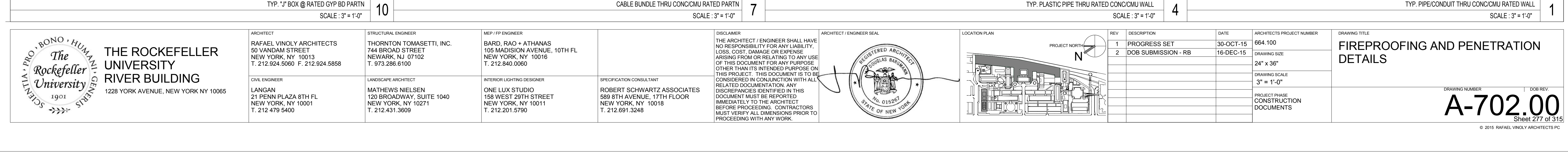
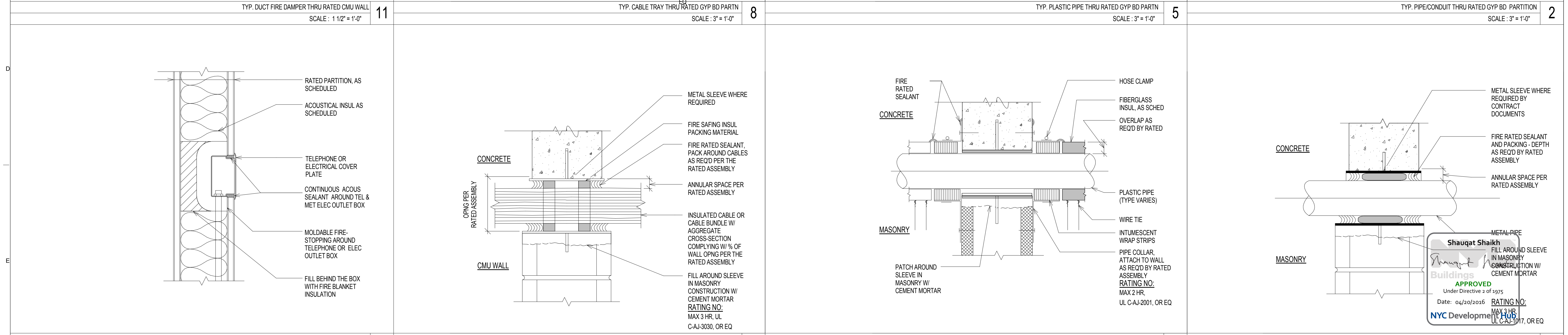
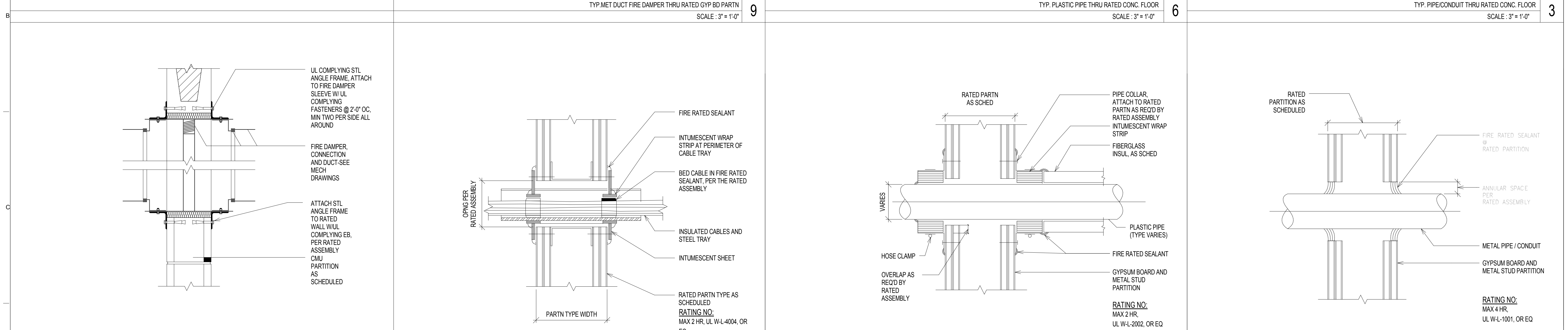
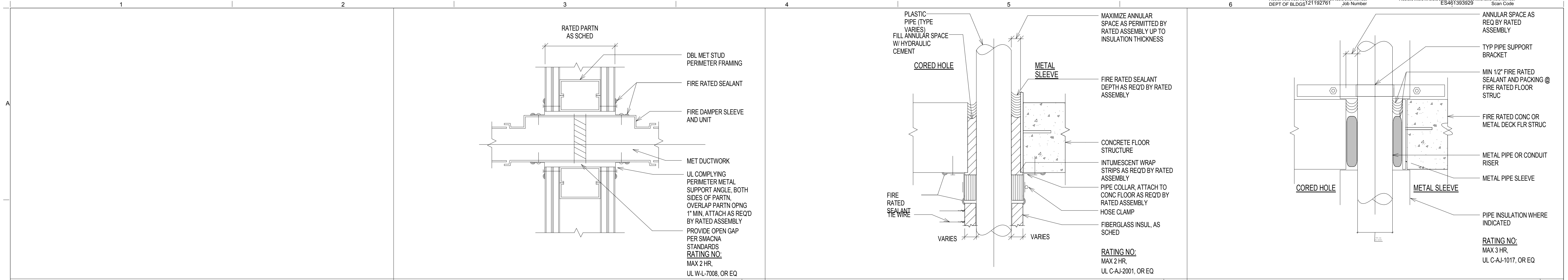
PROJECT PHASE
 CONSTRUCTION DOCUMENTS

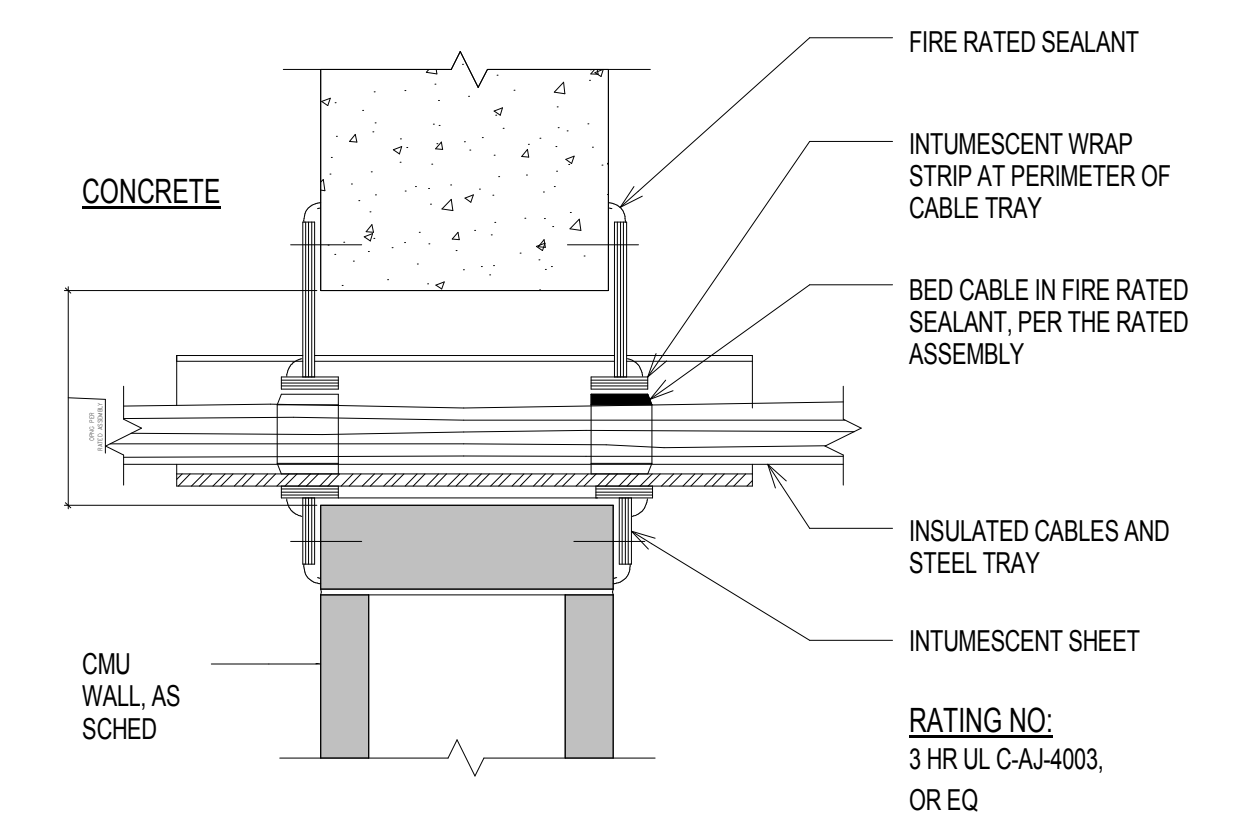
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 Shaugat Shaikh
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 APPROVED
 10/20/2016
 NYC Development Hub

DRAWING NUMBER
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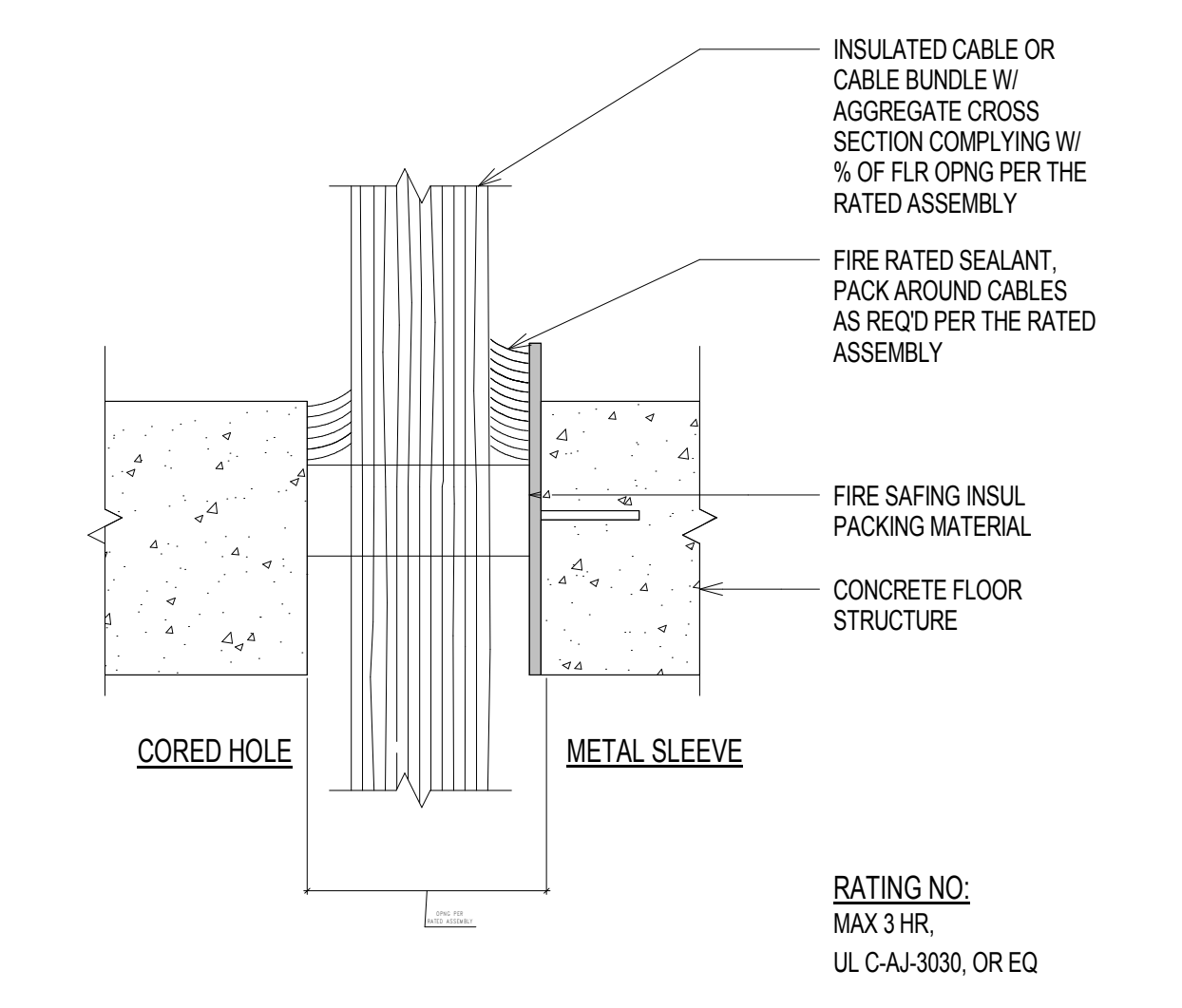
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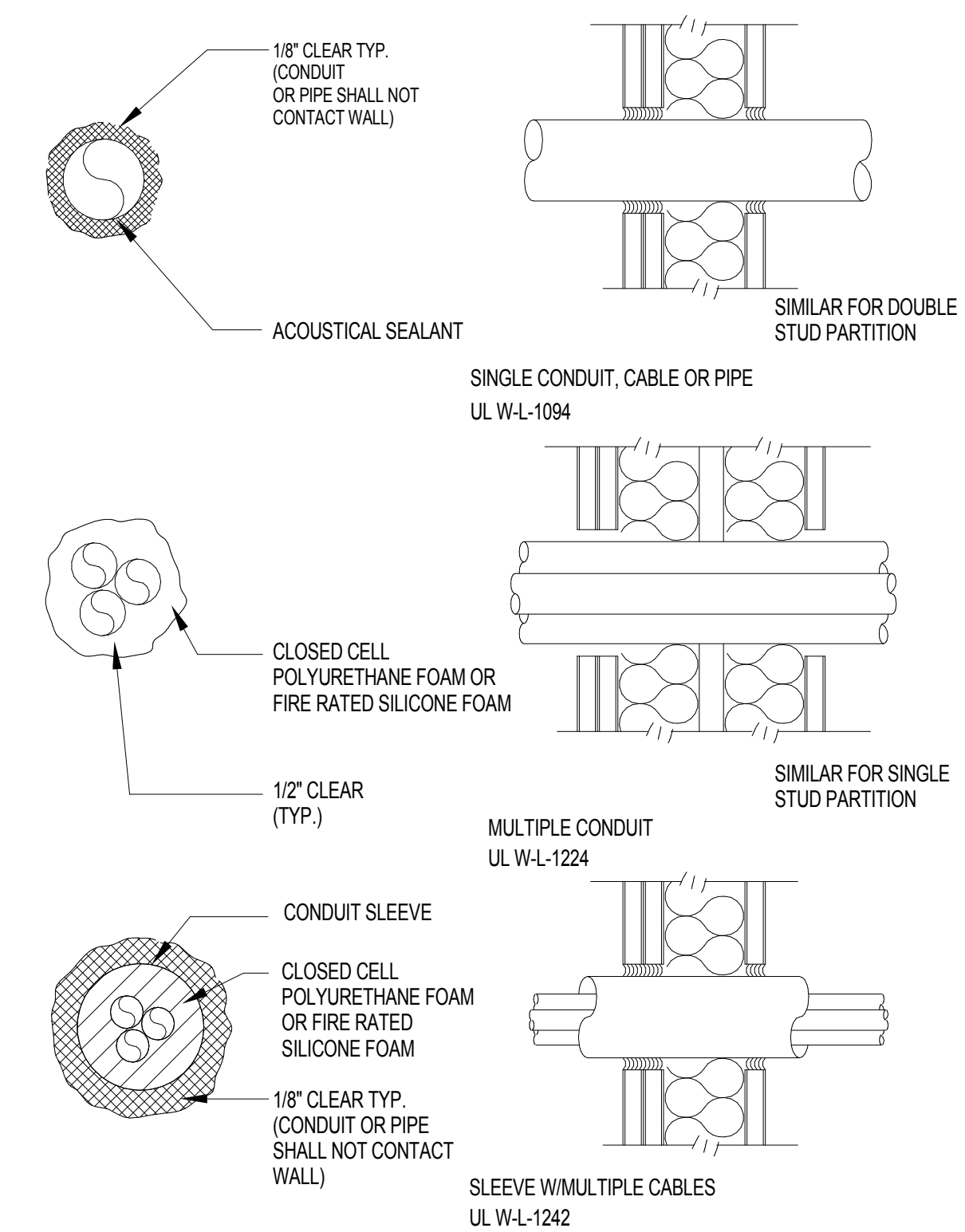




TYP. CABLE TRAY THRU CONC/CMU RATED WALL
SCALE: 3" = 1'-0" **3**



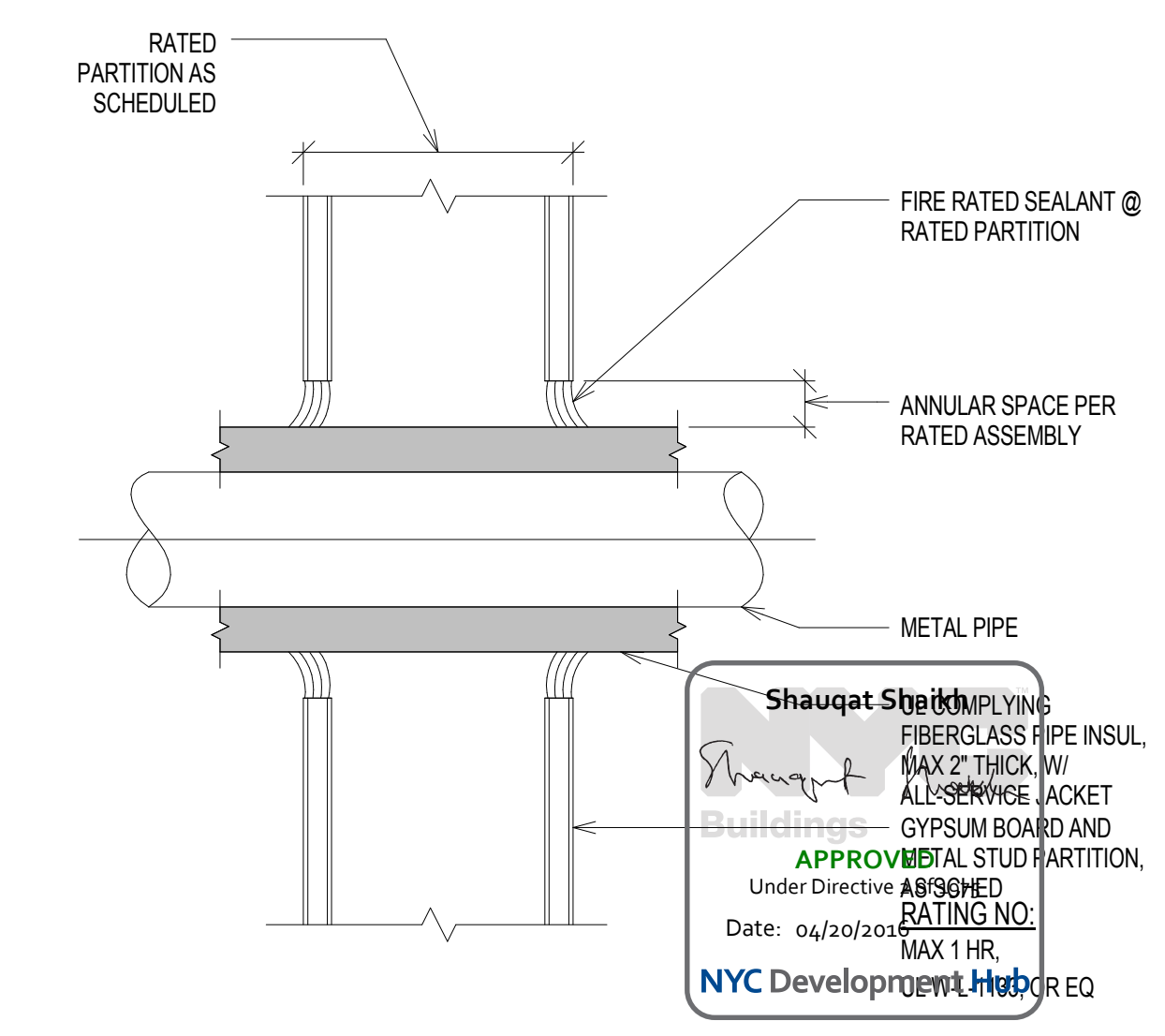
TYP. INSUL. CABLE BUNDLE THRU RATED CONC. FLOOR
SCALE: 3" = 1'-0" **2**



PENETRATIONS OF ACOUSTICAL PARTITIONS BY CONDUIT, CABLE, PIPES ETC. SHALL BE ACOUSTICALLY SEALED AS SHOWN. ANY GAP LARGER THAN 1/2\"/>

FLEXIBLE DUCT, PIPE, CONDUIT, ETC. CONNECTIONS SHOULD BE INCORPORATED BETWEEN ROOMS WHERE RESILIENTLY ISOLATED FLOORS, WALLS OR CEILING LIDS OCCUR.

ACOUSTICAL PARTITION PENETRATION DETAILS - ACOUSTICAL
SCALE: 3" = 1'-0" **4**



TYP. INSUL. PIPE THRU RATED GYP. BD PARTN
SCALE: 3" = 1'-0" **1**

A
B
C
D
E

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
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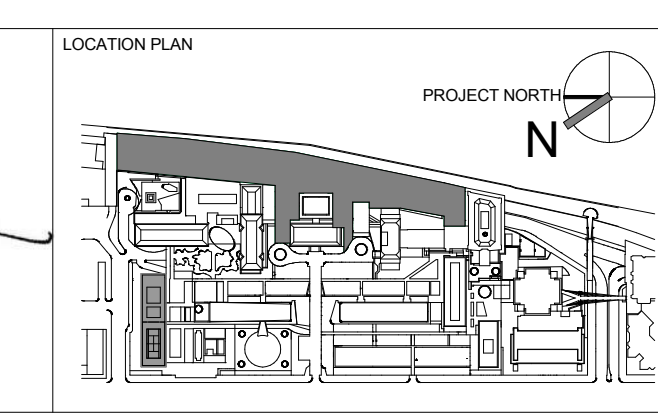
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744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
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NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

REGISTERED ARCHITECT
No. 015267
STATE OF NEW YORK



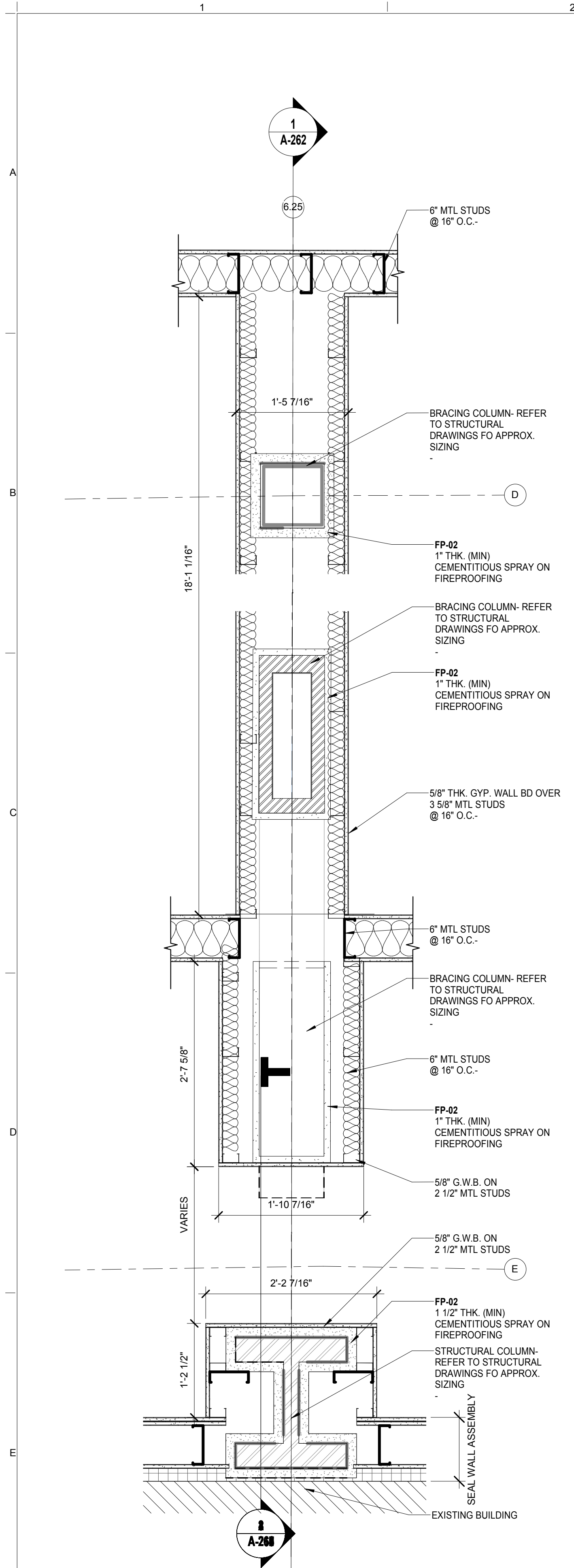
REV	DESCRIPTION	DATE
1	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
24" x 36"
DRAWING SCALE
3" = 1'-0"

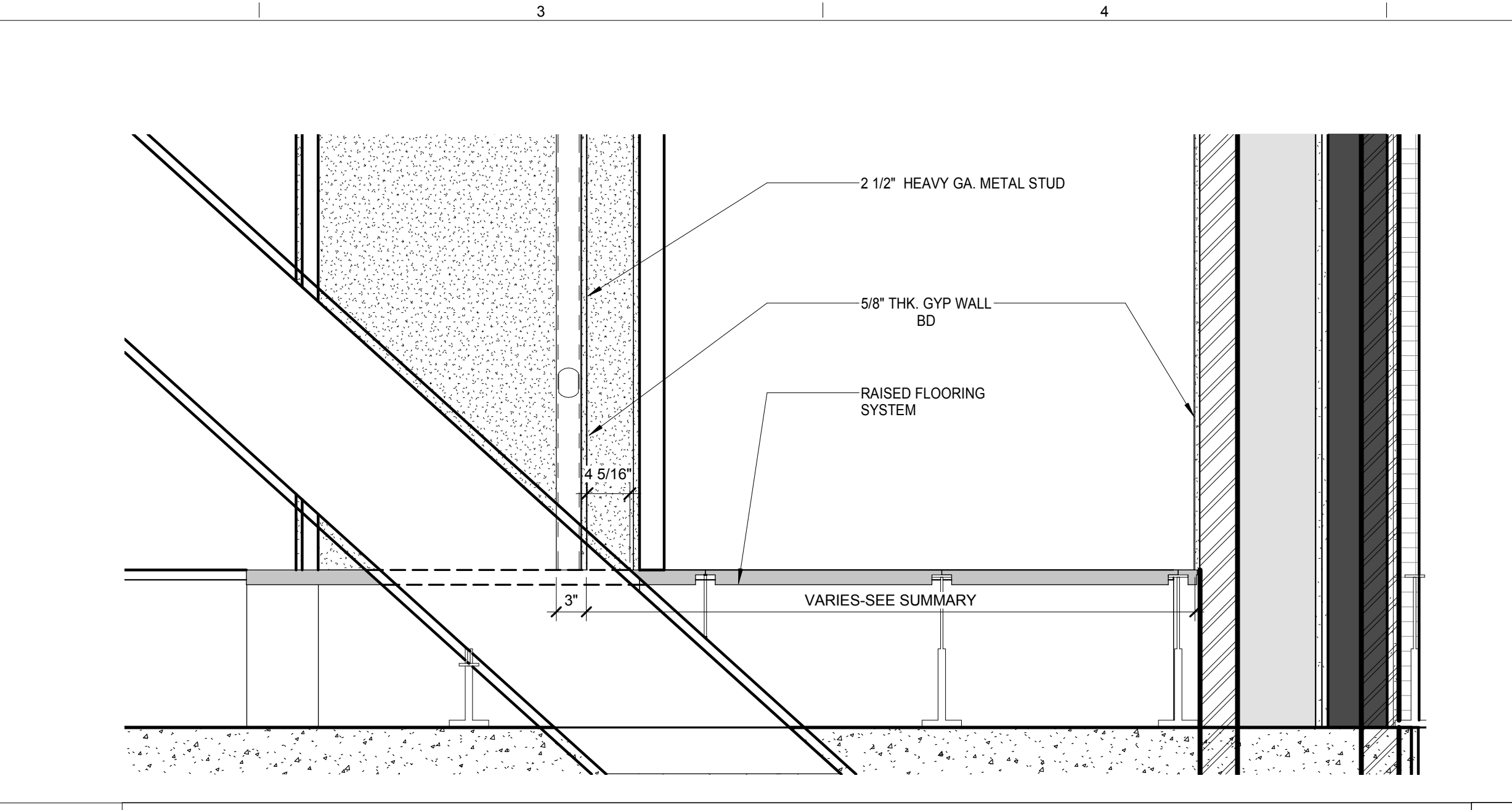
DRAWING TITLE
FIREPROOFING AND PENETRATION DETAILS

DRAWING NUMBER
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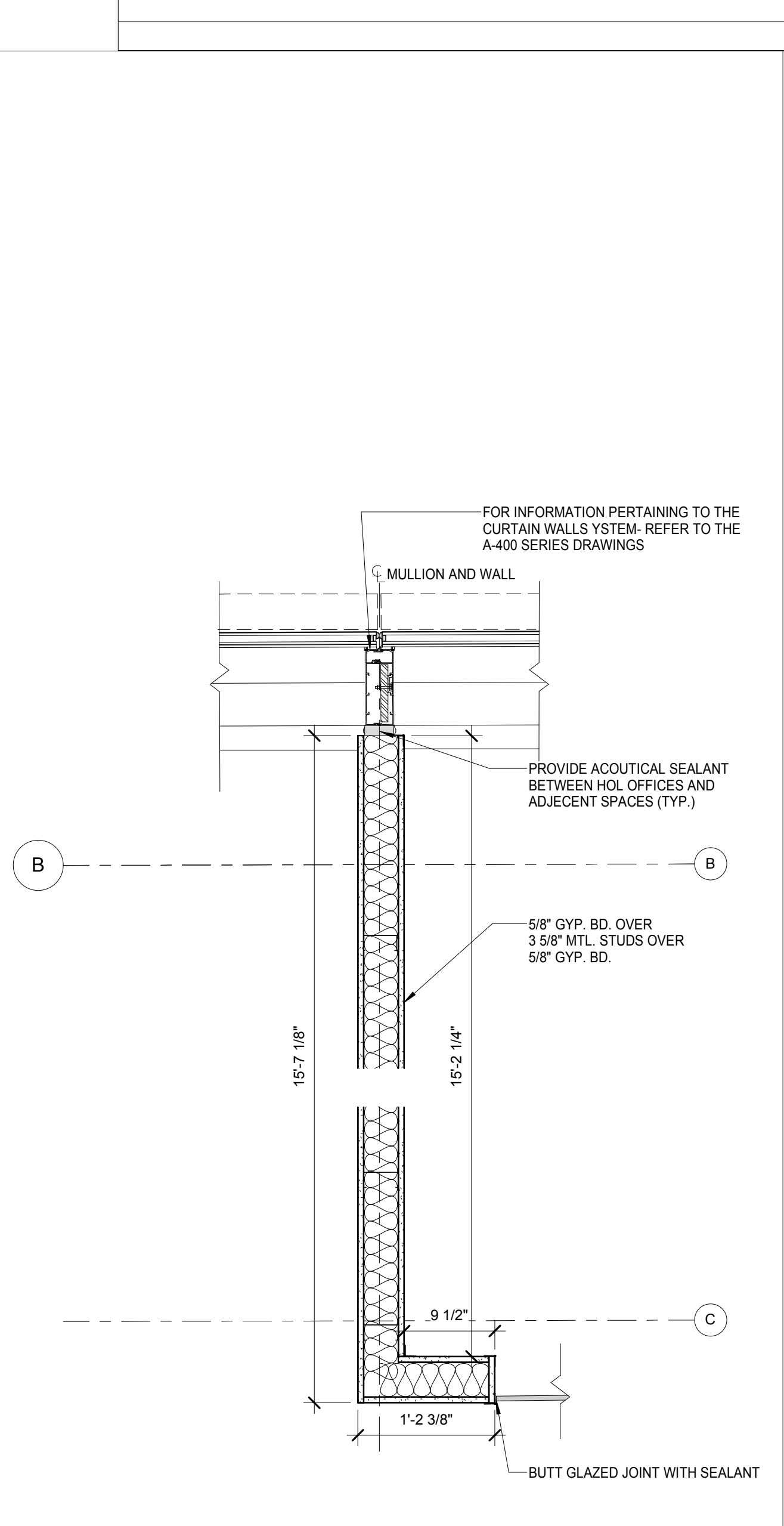
Sheet 278 of 315



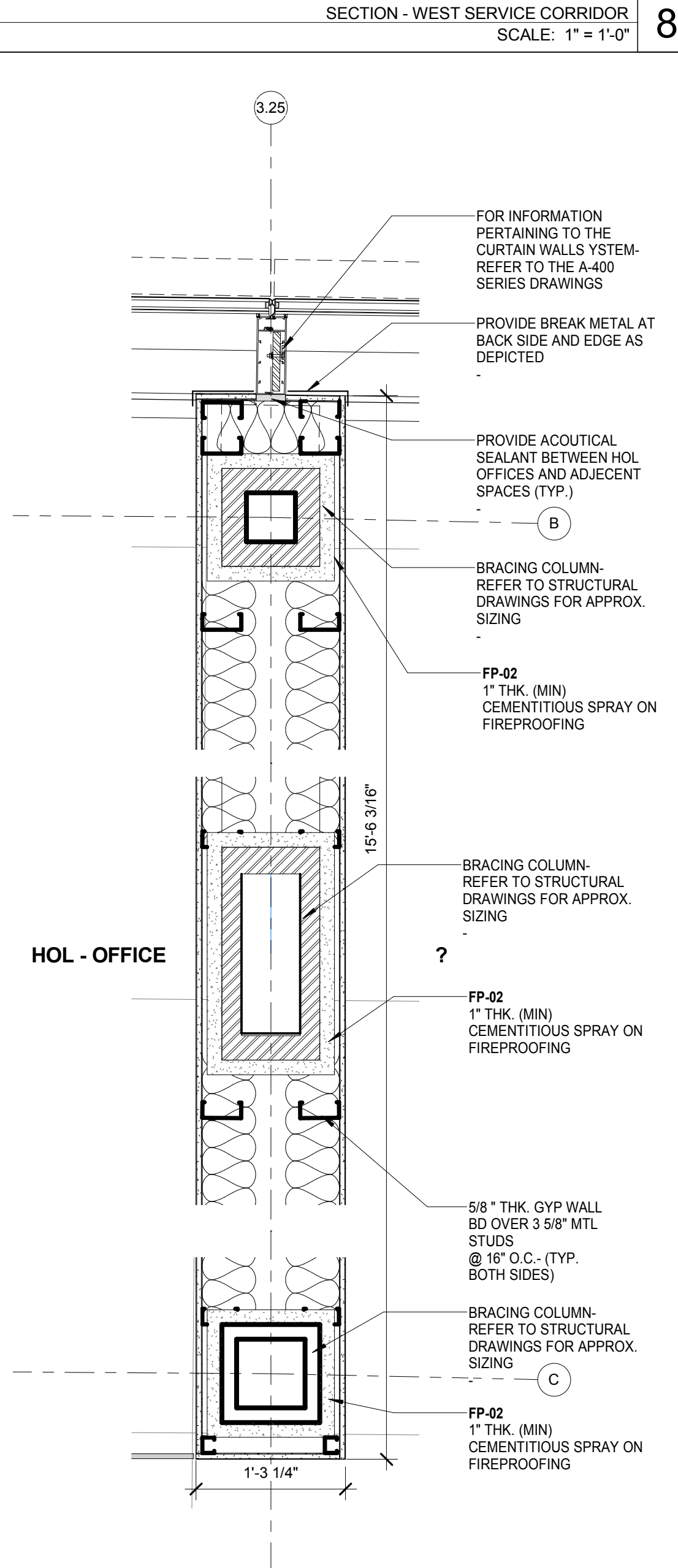
MASTER SECTOR - FLOOR PLAN - LEVEL 1 - Callout 1
SCALE: 1" = 1'-0" 6



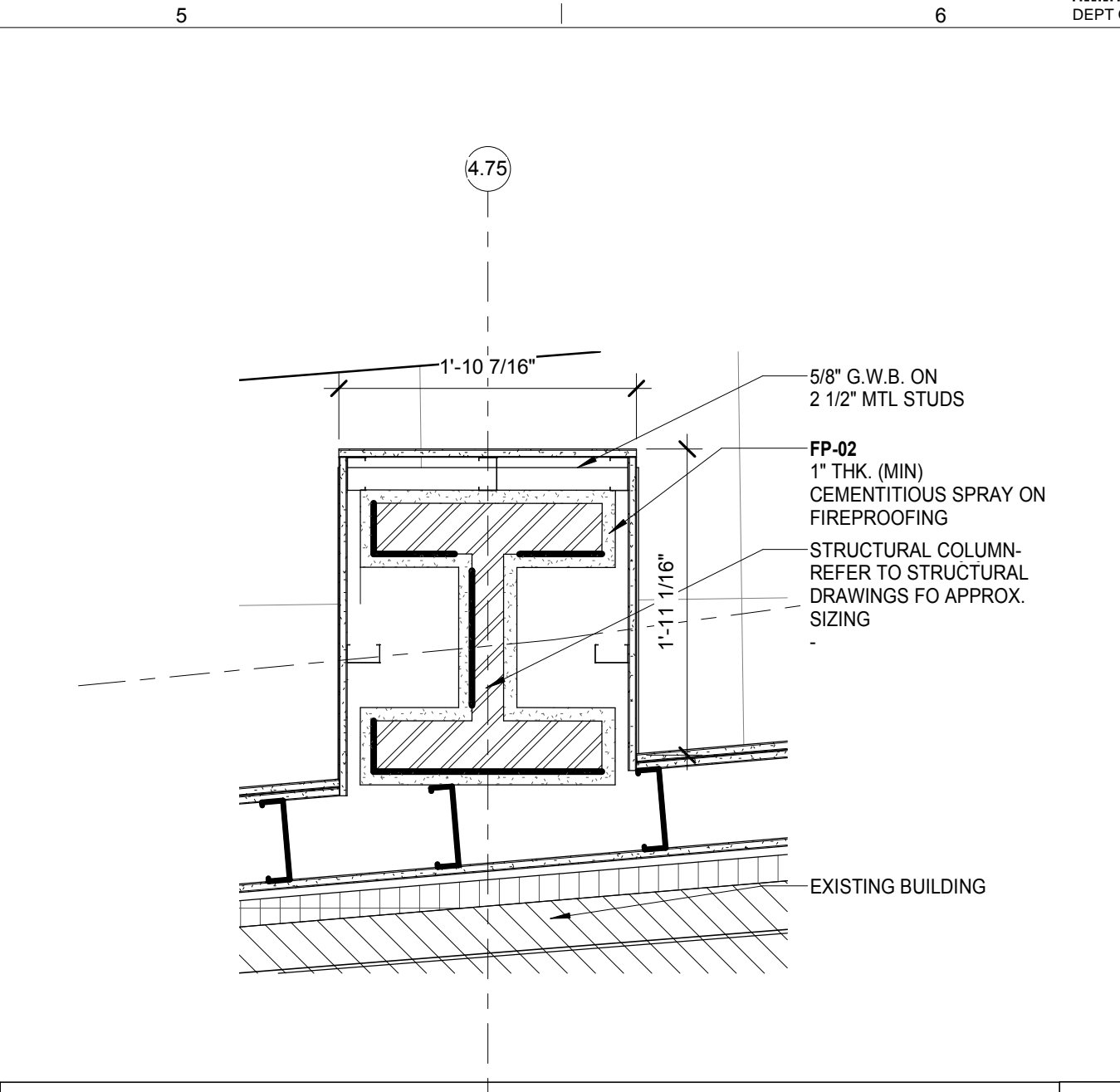
SECTION - WEST SERVICE CORRIDOR
SCALE: 1" = 1'-0" 8



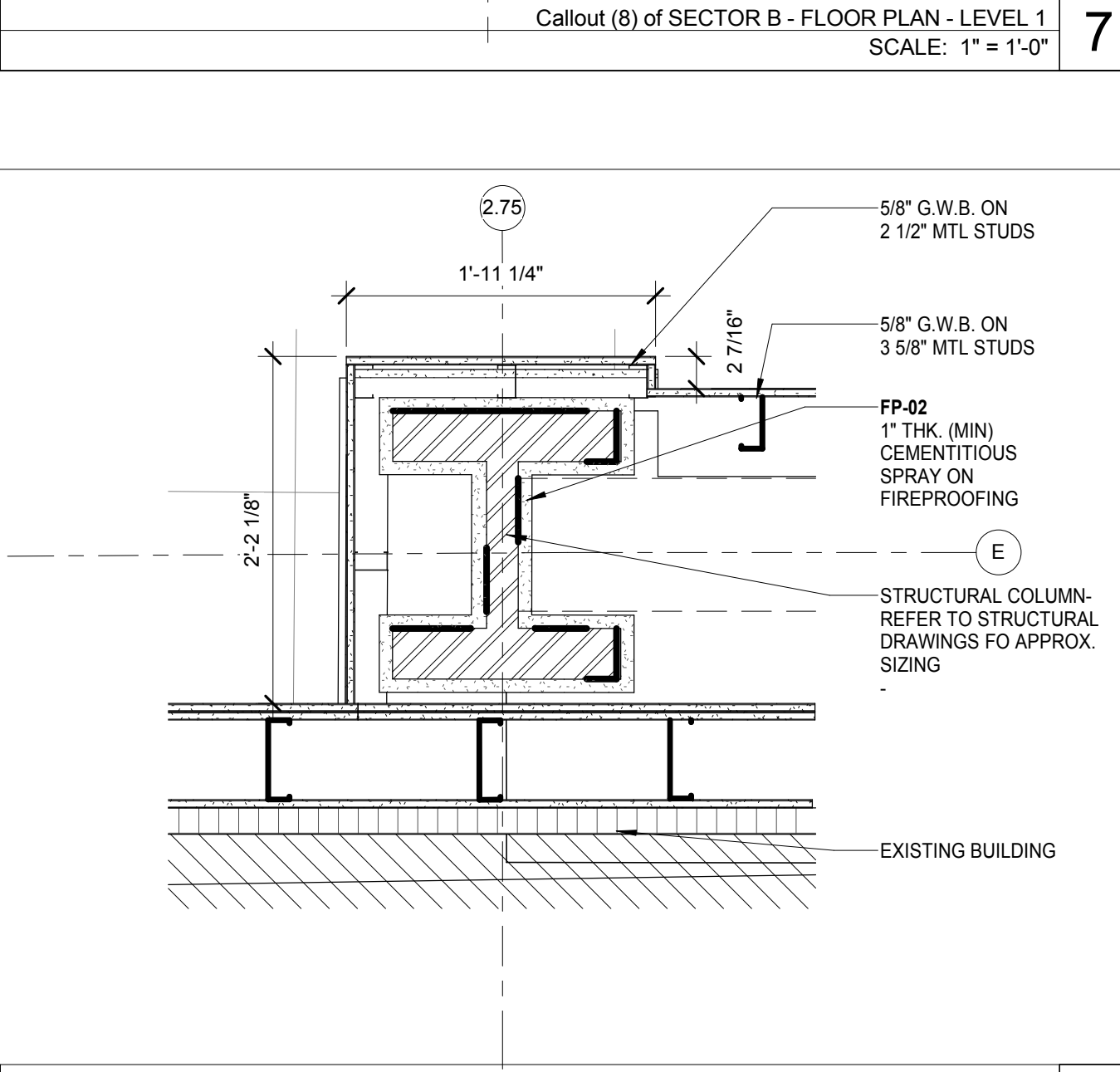
Callout of SECTOR B - FLOOR PLAN - LEVEL 1
SCALE: 1" = 1'-0" 5



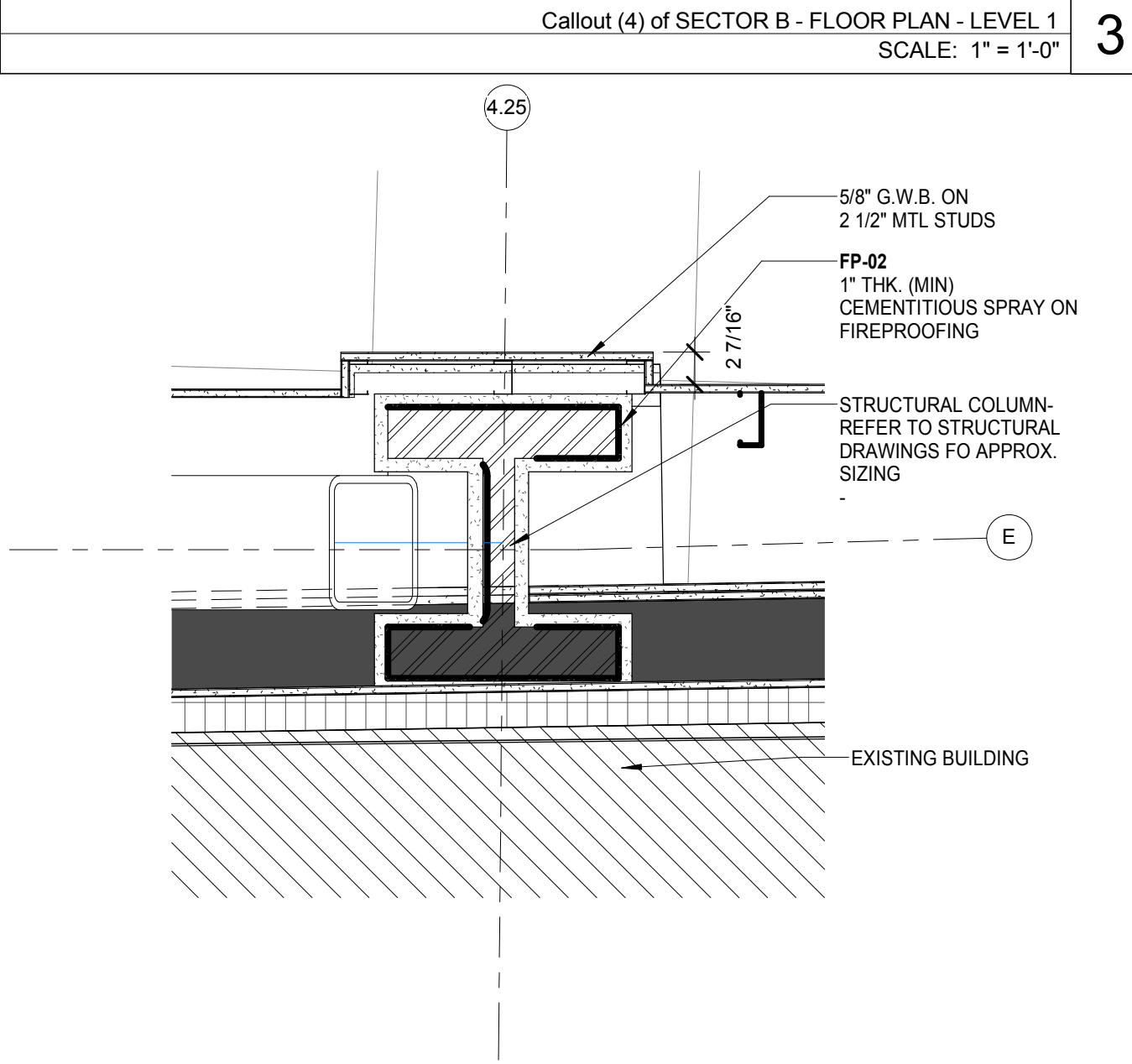
TYPICAL HOL COLUMN ENCLOSURE
SCALE: 1" = 1'-0" 4



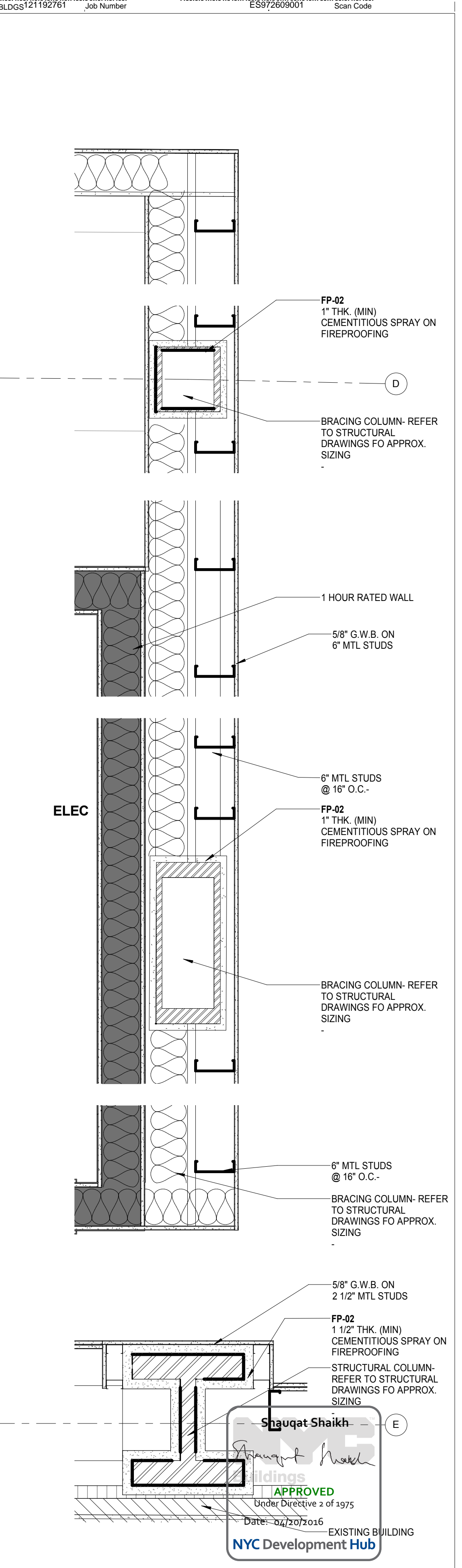
Callout (8) of SECTOR B - FLOOR PLAN - LEVEL 1
SCALE: 1" = 1'-0" 7



Callout (4) of SECTOR B - FLOOR PLAN - LEVEL 1
SCALE: 1" = 1'-0" 3



Callout (5) of SECTOR B - FLOOR PLAN - LEVEL 1
SCALE: 1" = 1'-0" 2



Callout (3) of SECTOR B - FLOOR PLAN - LEVEL 1
SCALE: 1" = 1'-0" 1

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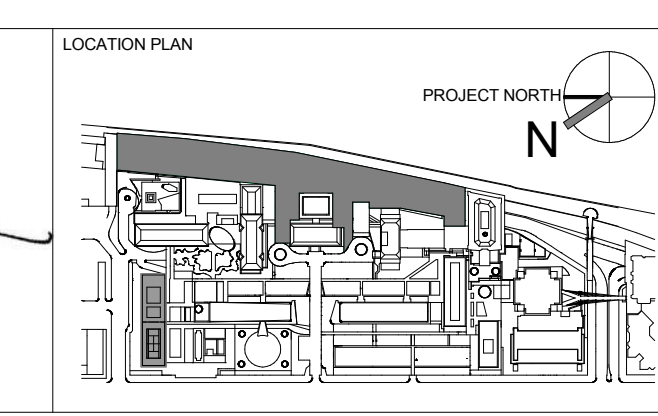
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NEW YORK, NY 10018
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
RAFAEL VINOLY
STATE OF NEW YORK

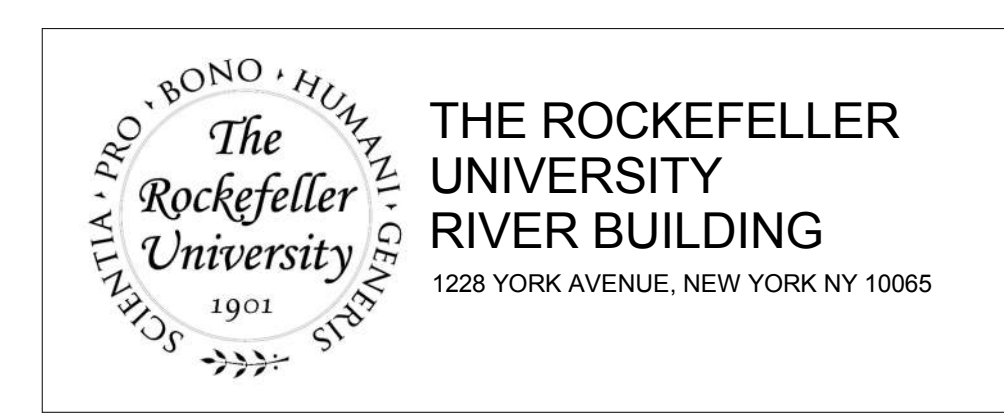


REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

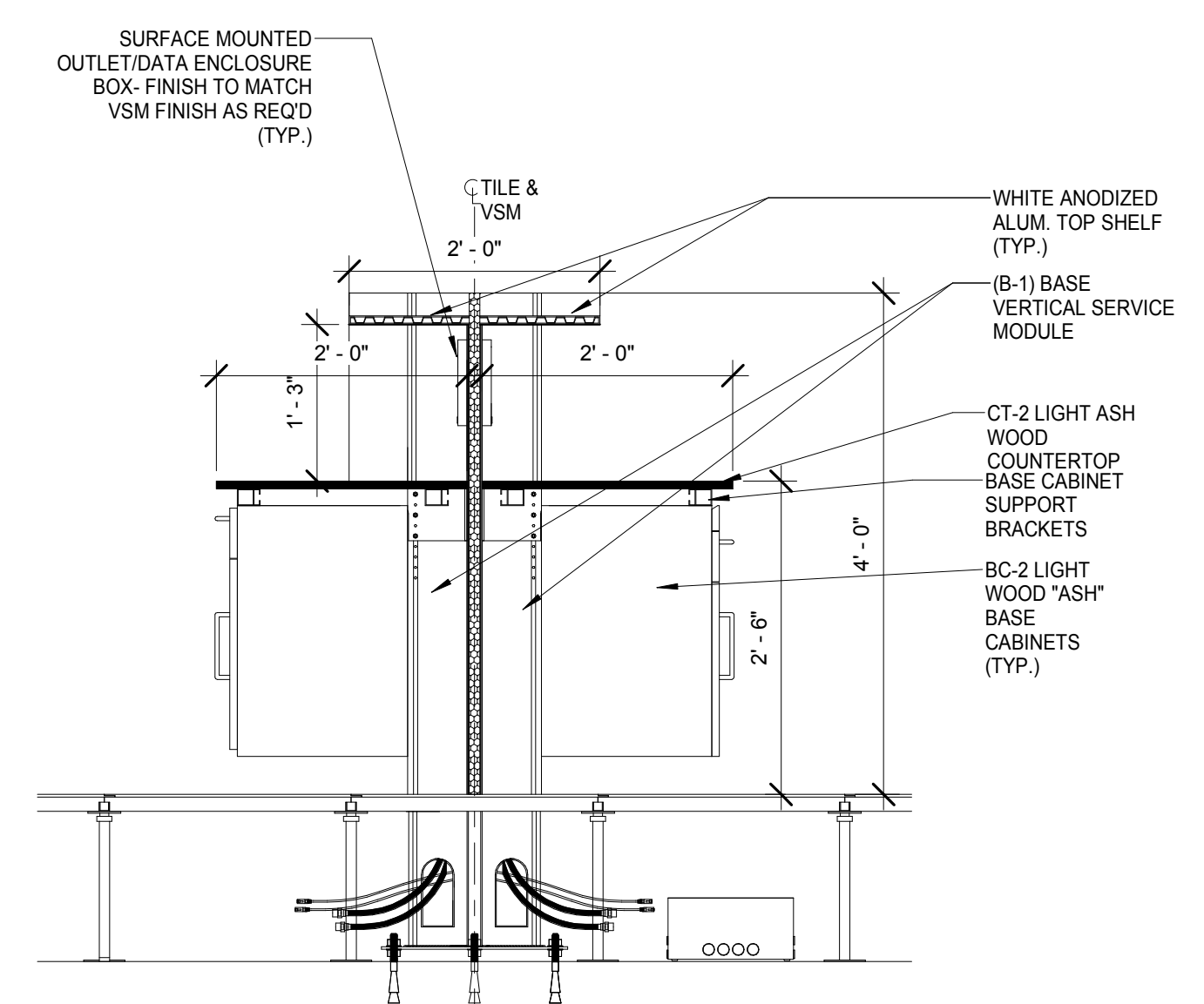
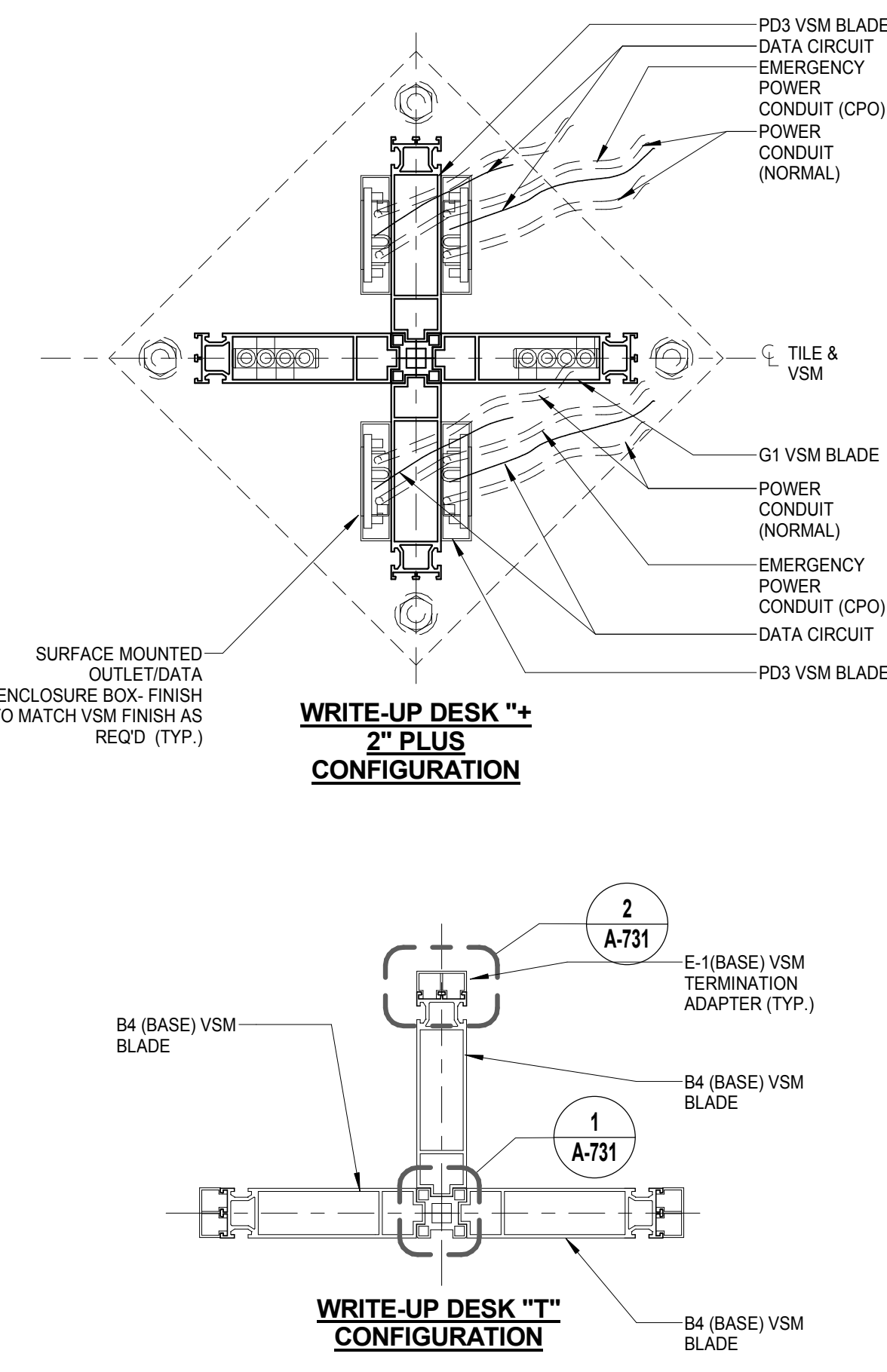
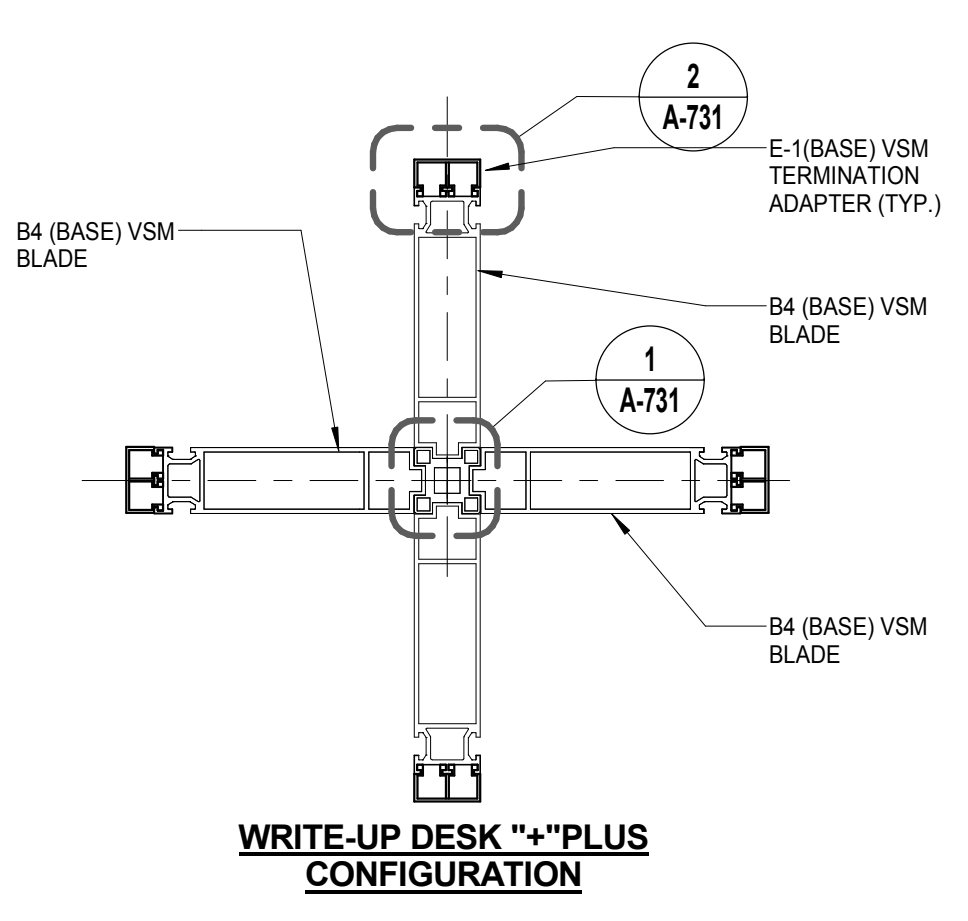
ARCHITECTS PROJECT NUMBER: 664.100
DRAWING SIZE: 24" x 36"
DRAWING SCALE: 1" = 1'-0"
PROJECT PHASE: CONSTRUCTION DOCUMENTS

DRAWING TITLE: ENLARGED DETAILS

DRAWING NUMBER: A-710.00
Sheet 279 of 315



GENERAL NOTES:
 1. CONTRACTOR TO COORDINATE CONDUIT SIZING & CONNECTIONS. SUBMIT SAMPLES INCLUDING CONNECTIONS AND ALL ASSOCIATED MECHANISMS FOR COMPLETE SYSTEM TO ARCHITECT FOR APPROVAL.
 2. FOR ALL CONDUITS, MANUFACTURER SHALL MODIFY WALL TO ALLOW CONDUIT ACCESS AS REQUIRED.
 3. ALL CABINET HEIGHTS ARE INDICATED WITH THE ADJUSTABLE GUIDES TURNED SO THAT THE CABINET IS IN THE LOWEST POSSIBLE POSITION.
 4. PROVIDE REMOVABLE BOTTOM PANEL IN SINK BASE CABINETS.

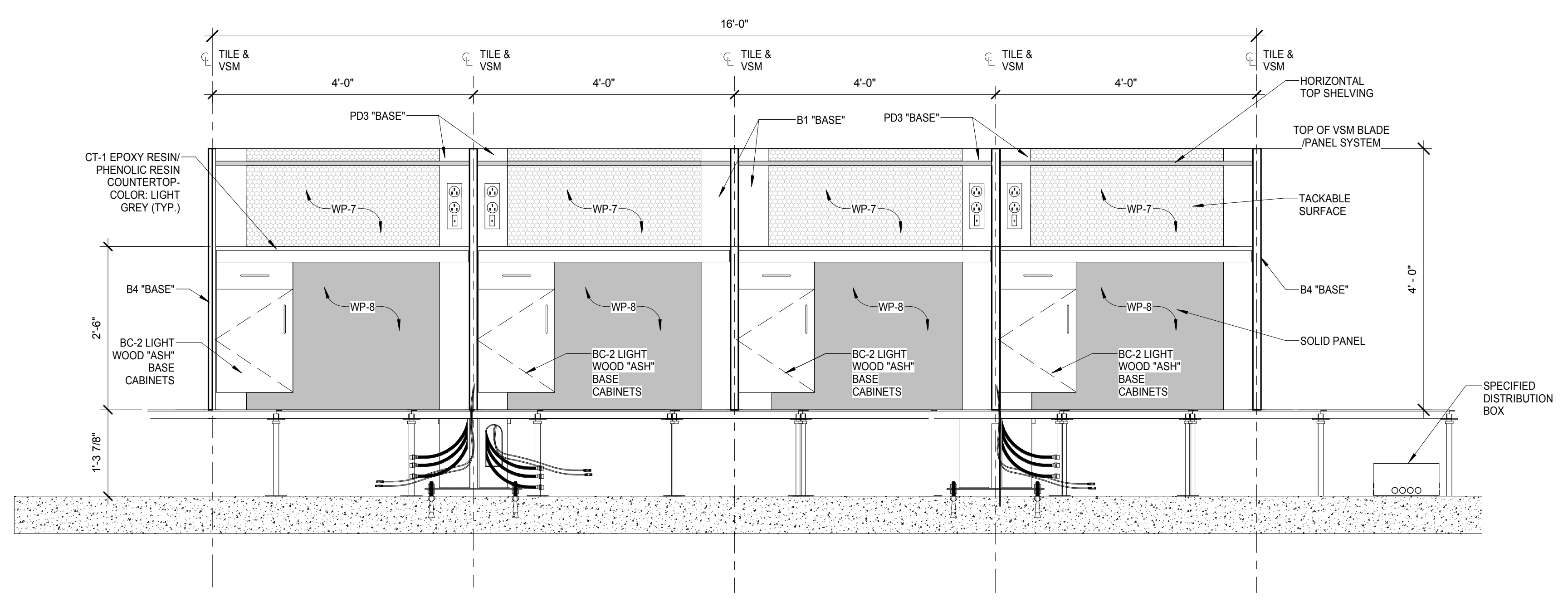


ENLARGED VSM WRITE-UP-DESK PLAN CONFIGURATIONS SCALE: 3/4" = 1'-0" 5

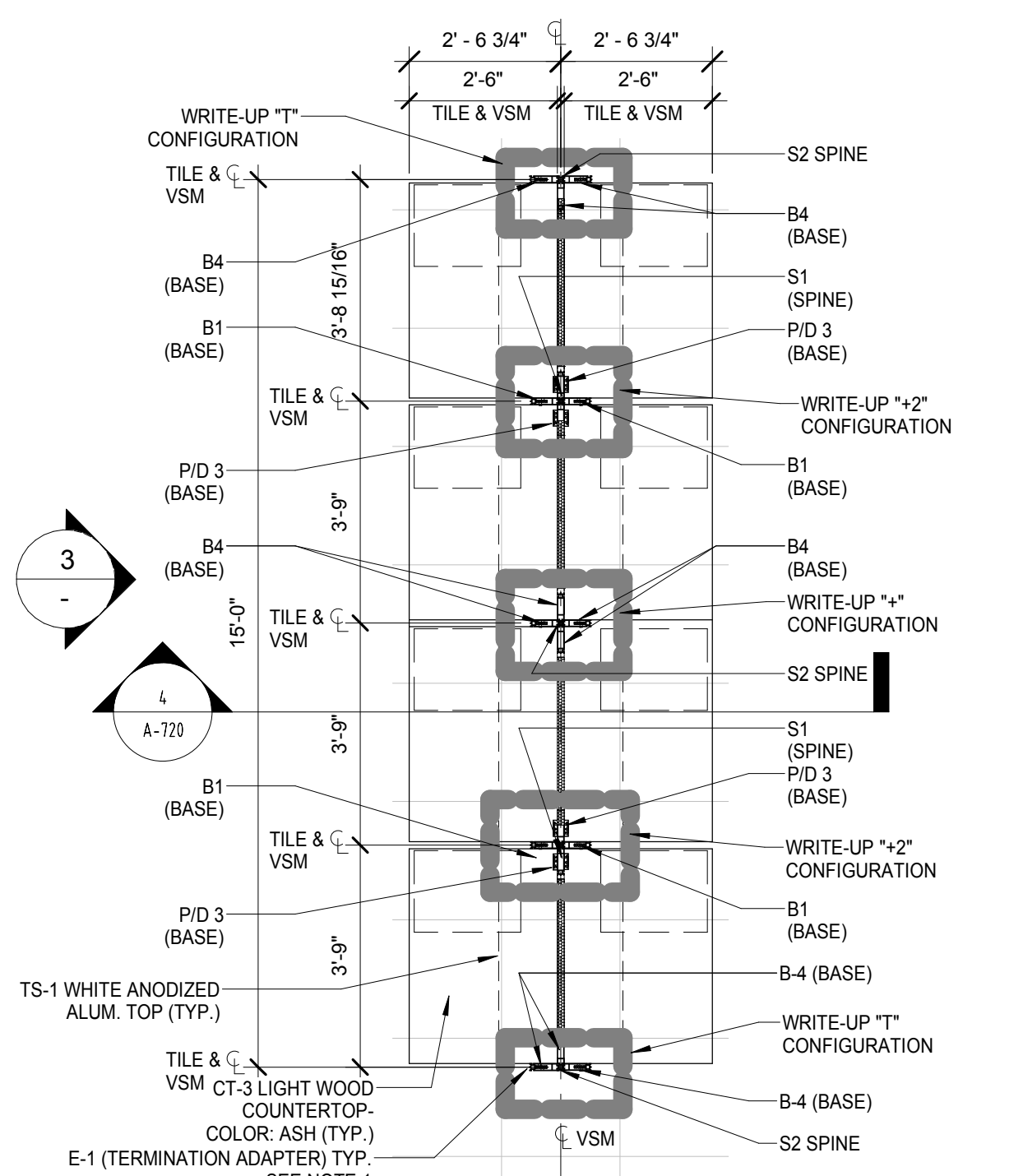
WRITE UP BENCH A1 SECTION SCALE: 3/4" = 1'-0" 4

NOTES:
 1. END ADAPTER CONNECTORS LENGTHS VARY BETWEEN SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE LENGTHS/HEIGHTS AND LOCATION OF END ADAPTERS WITHIN SPECIFIED SYSTEMS.
 2. WRITE UP DESK TO RECEIVE - POLYURETHANE LAQUOR "SCRATCH RESISTANT FINISH"
 3. STEEL BASE PLATE AT WRITE-UP DESKS TO BE 1'-1"X1'-1"X1/4" THK. GALV.

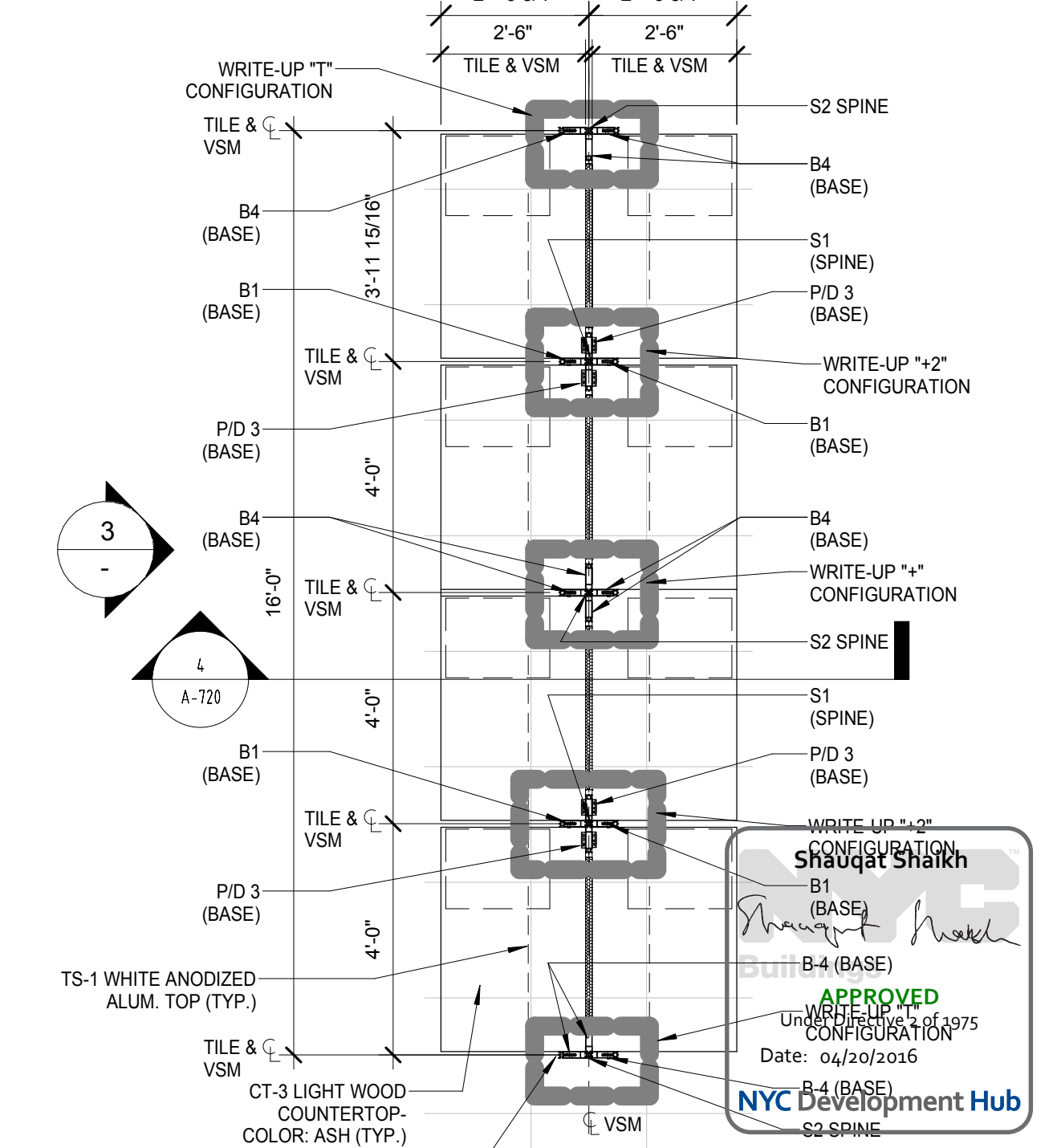
NOTES:
 1. END ADAPTER CONNECTORS LENGTHS VARY BETWEEN SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE LENGTHS/HEIGHTS AND LOCATION OF END ADAPTERS WITHIN SPECIFIED SYSTEMS.
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 3. STEEL BASE PLATE AT WRITE-UP DESKS TO BE 1'-1"X1'-1"X1/4" THK. GALV.



Writeup bench modification ELEVATION SCALE: 3/4" = 1'-0" 3



WRITE-UP DESK (A1) SCALE: 3/8" = 1'-0" 2



WRITE-UP DESK (A2) SCALE: 3/8" = 1'-0" 1

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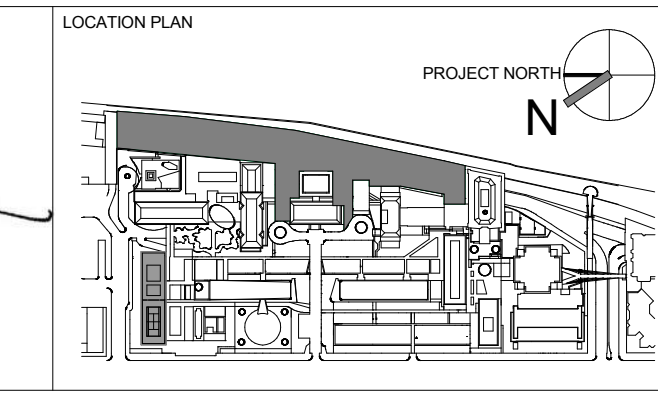
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ARCHITECT / ENGINEER SEAL
 RAFAEL VINOLY ARCHITECTS
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
E	DESIGN DEVELOPMENT	18-MAR-15
F	DESIGN DEVELOPMENT	04-APR-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	664.100
DRAWING SIZE	24" x 36"
DRAWING SCALE	As Indicated
PROJECT PHASE	CONSTRUCTION DOCUMENTS

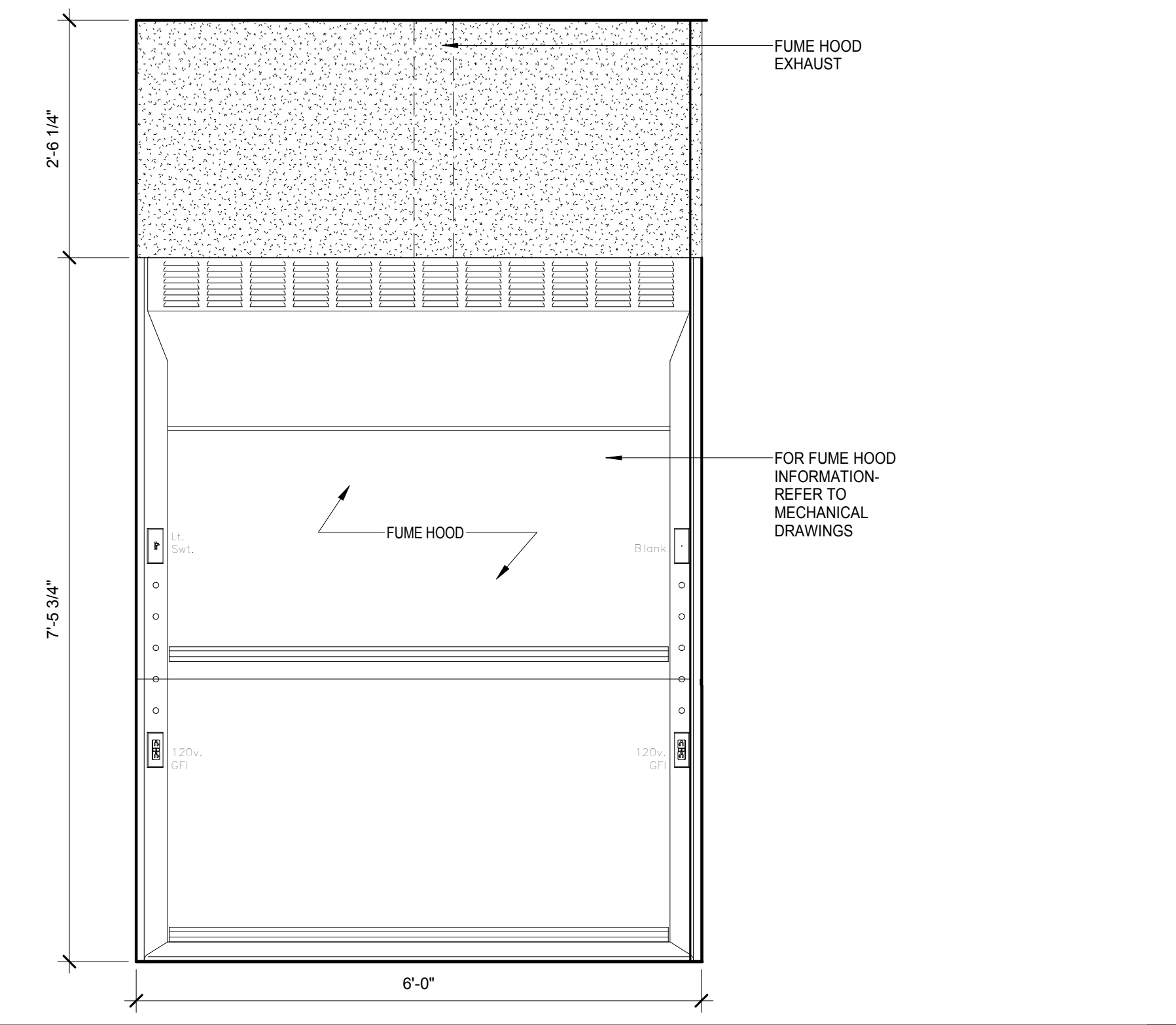
WRITE UP GROUP A1 DESK, PLAN, ELEVATIONS, SECTIONS & QUANTITIES

APPROVED
 Shaouqat Shaikh
 Date: 04/20/2016
 NYC Development Hub

A-720.00
 Sheet 280 of 315

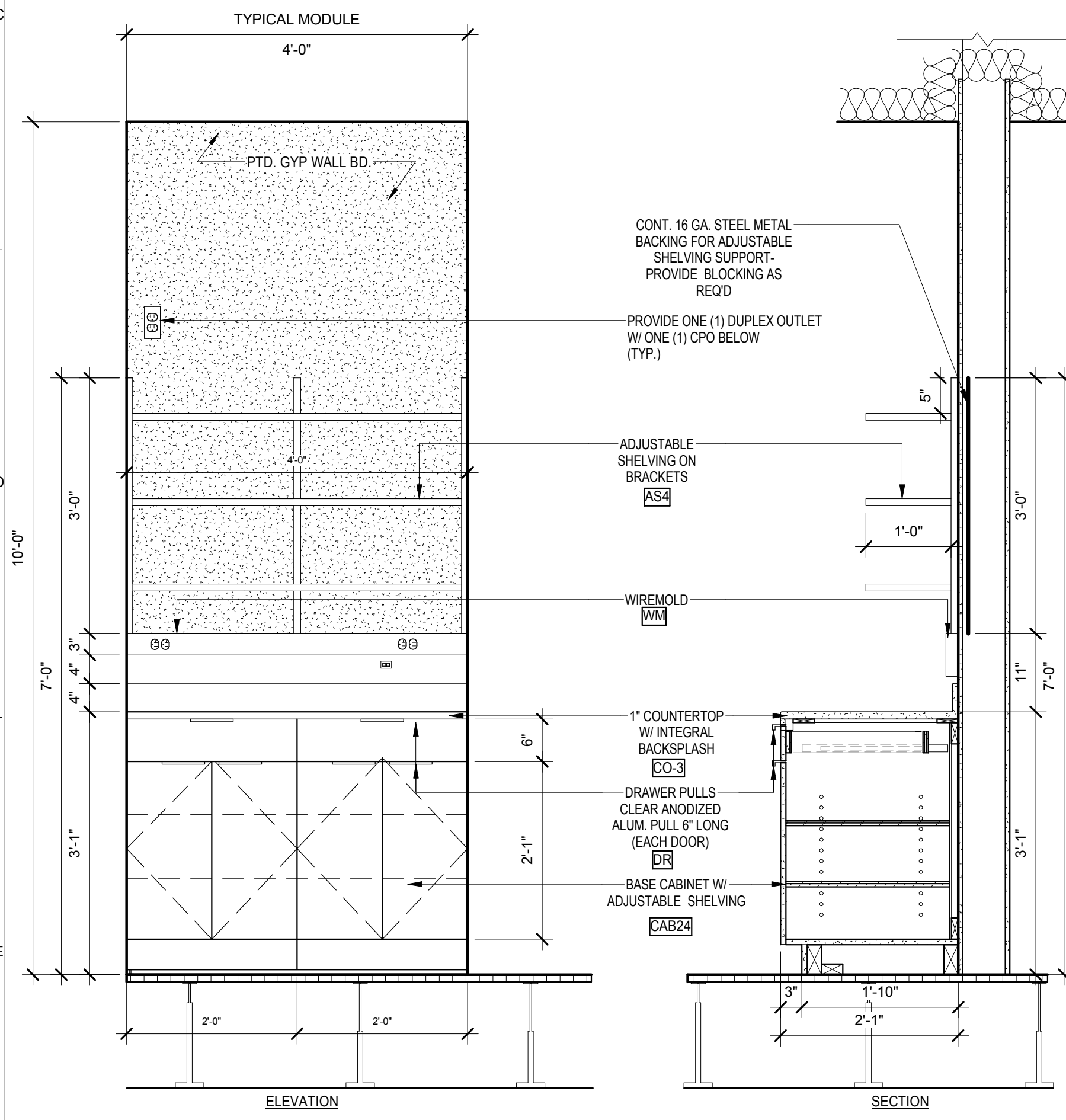
TAG	NAME	EQP. DESCRIPTION	MODEL / MANUFACTURER	NOTES AND REQUIRED UTILITY	QTY.
PF-10	EYEWASH	SURFACE MOUNTED EMERGENCY EYEWASH W/ DRENCH HOSE UNIT, TWO GENTLE SPRAY OUTLET	T&S BRASS MODEL NO. 9-2866-0575		
PF-3	POLISH UNIT SHELF	16" DEEP STAINLESS STEEL SHELF WITH 200LB CAPACITY			
EQ	REVERSED OSMOSIS	DECK MOUNTED RO WATER FAUCET	WATERSAVER CO.	PROVIDE AT EACH SINK EXCEPT COLD ROOMS	
PF-3	UNDERMOUNT SINK	15"X17" UNDER MOUNTED STAINLESS STEEL CENTER DRAIN	ELKAY ELU 1814PPD		
EQ	STAINLESS STEEL	DRY RACK W/ CATCH DRAIN AND SCREEN, SOAP, PAPER TOWEL DISPENSER, GLOVE BOX DISPENSER	INTER DYNE SYSTEMS		
EQ-3	EPOXY RESIN	1" THICK THK. COUNTERTOP, REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS	DURCOX EPOXY RESIN		
CAB-24	BASE CABINETS	(2 DOOR) 24" WIDE LIGHT WOOD ASH WOOD CASEWORK		MAPLE WOOD VENEER WITH 1/4"X3/4" SOLID MAPLE WOOD EDGE BANDING ON ALL SIDES	
CAB-33	BASE CABINETS	(2 DOOR) 36" WIDE LIGHT WOOD ASH WOOD CASEWORK		MAPLE WOOD VENEER WITH 1/4"X3/4" SOLID MAPLE WOOD EDGE BANDING ON ALL SIDES	
EP1	DRAWER PULLS	CLEAR ANODIZED ALUM. FINISH	EPCO MODEL: EPC-DP41		
AS4	STAINLESS STEEL	KV STAINLESS STEEL SHELVING WITH STAINLESS STEEL BRACKET AND WALL MOUNTED STAINLESS STEEL STANDARDS	KV1875S 17" SS SHELVING KV1875S 17" BRACKET KV1875S SS STANDARD		
WM	WIREMOLD	180DUCT ARCHITECTURAL ALUM. TWIN COVER COVER RACEWAY FINISH CLEAR ANODIZED	WIREMOLD		
EQ	POLISH UNIT	PURE WATER PURIFICATION SYSTEM	MILLIPORE		

GENERAL NOTES:
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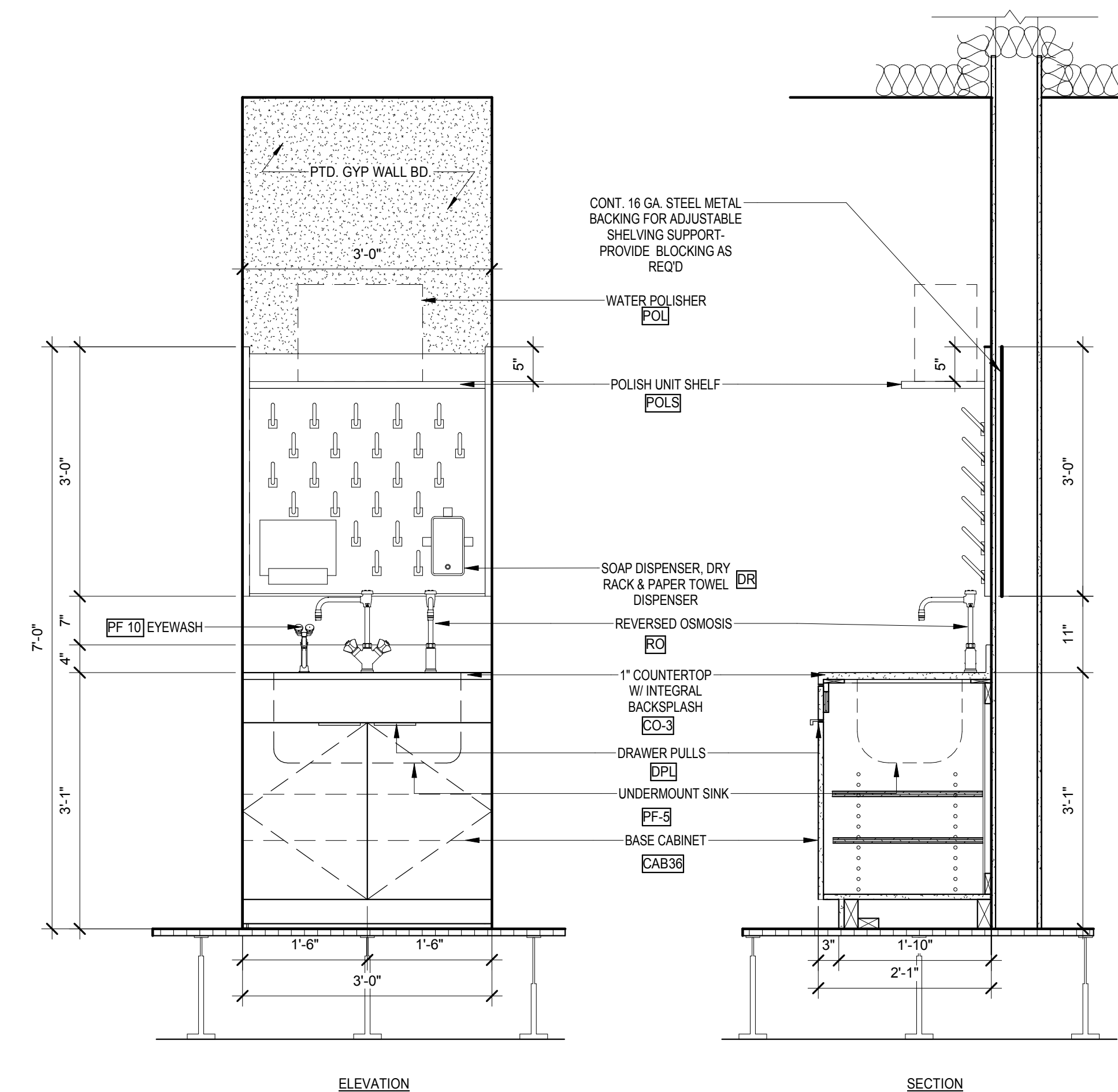


LAB EQUIPMENT & MILLWORK SCHEDULE
SCALE: 1/4" = 1'-0"

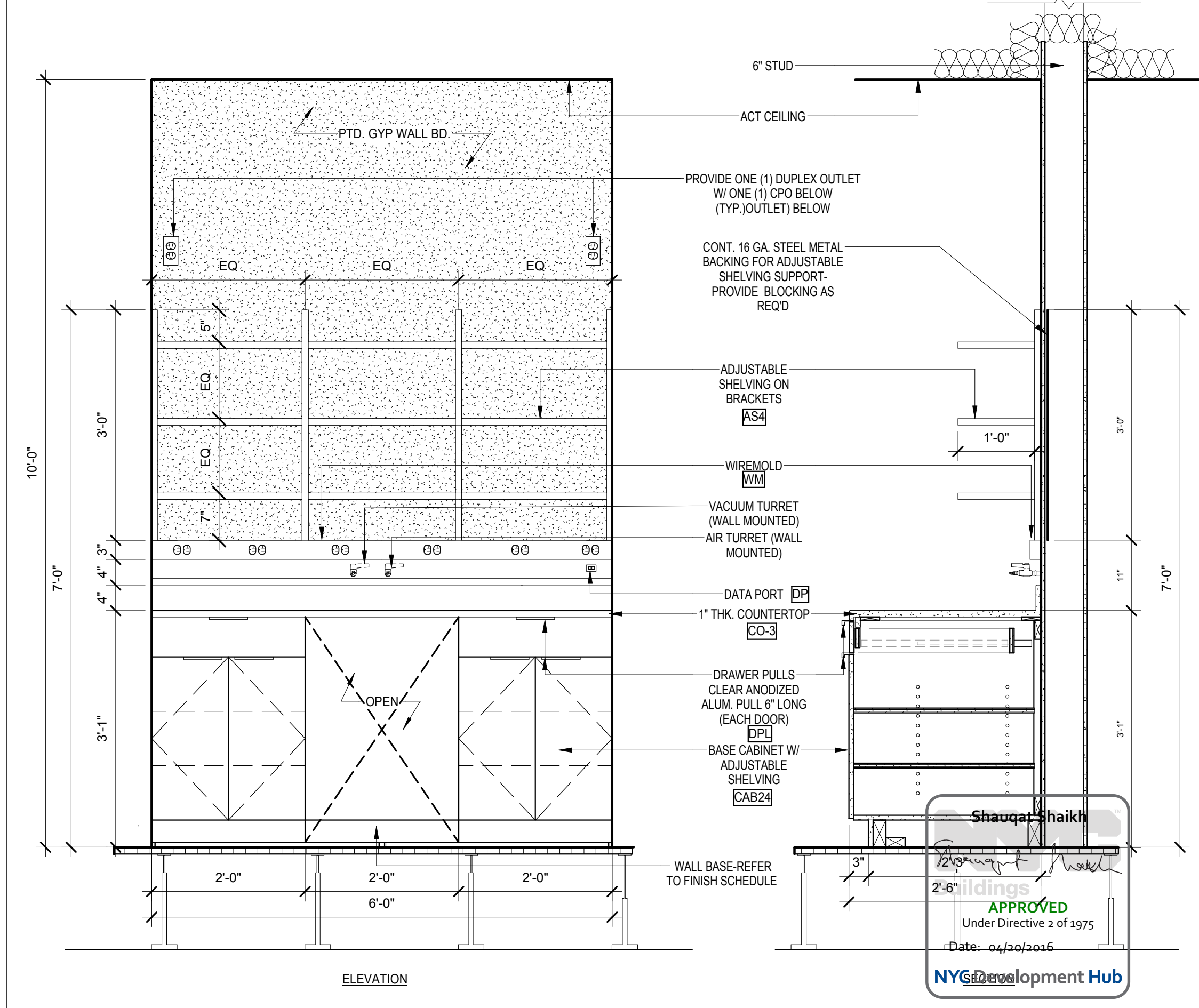
TYPICAL FUME HOOD AT LAB SUPPORT
SCALE: 3/4" = 1'-0" 2



LAB SUPPORT CASEWORK MODULE
SCALE: 3/4" = 1'-0" 4



LAB SUPPORT SINK MODULE
SCALE: 3/4" = 1'-0" 3



TYPICAL LAB SUPPORT MODULE
SCALE: 3/4" = 1'-0" 1

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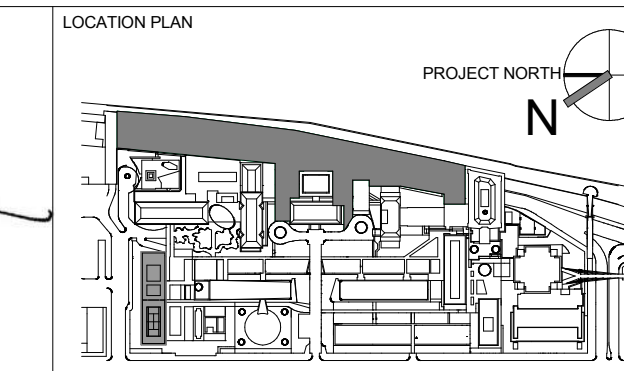
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 T. 212.691.3248

ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHOUQUAN SHAIKH
 No. 015267
 STATE OF NEW YORK

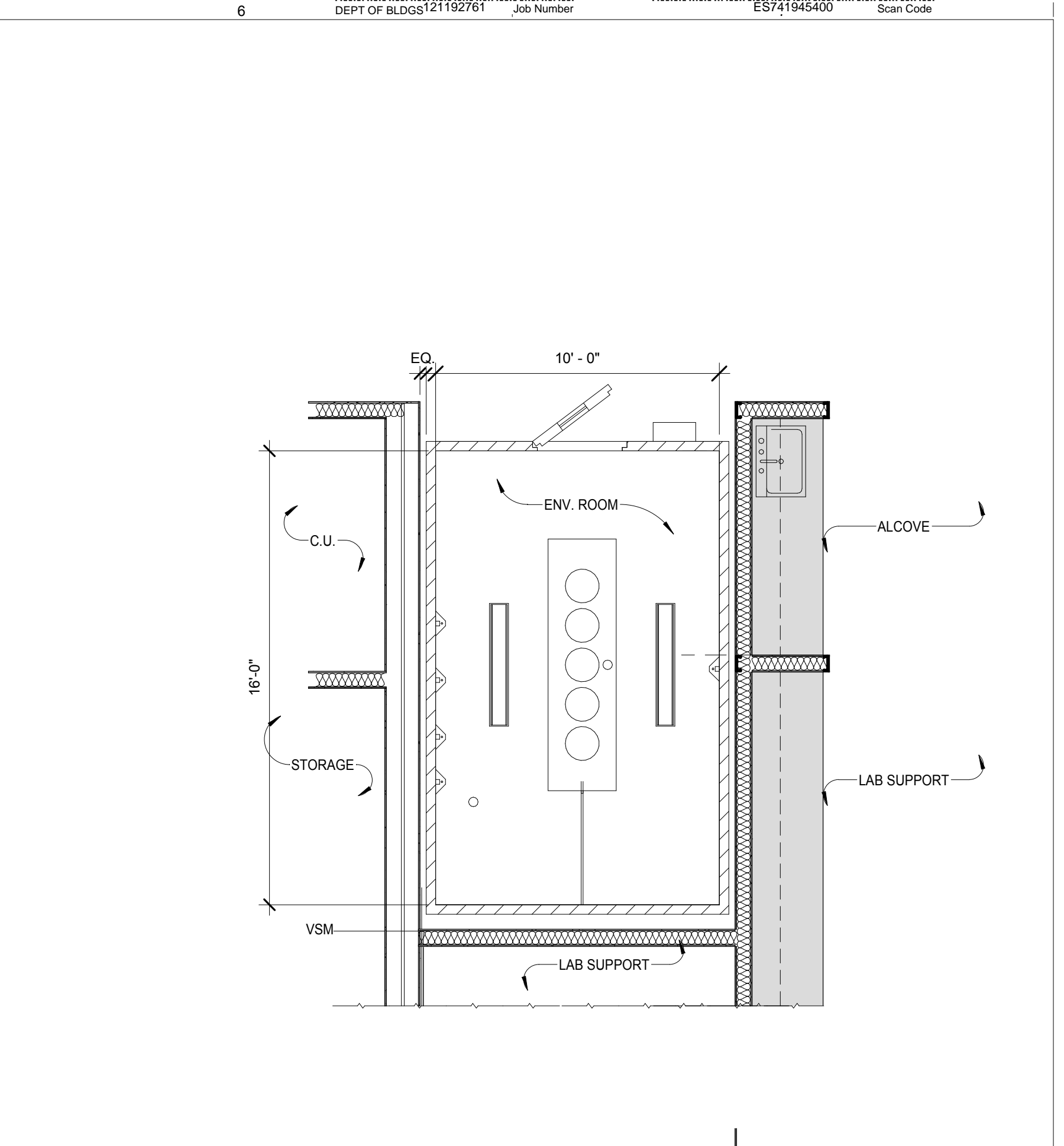
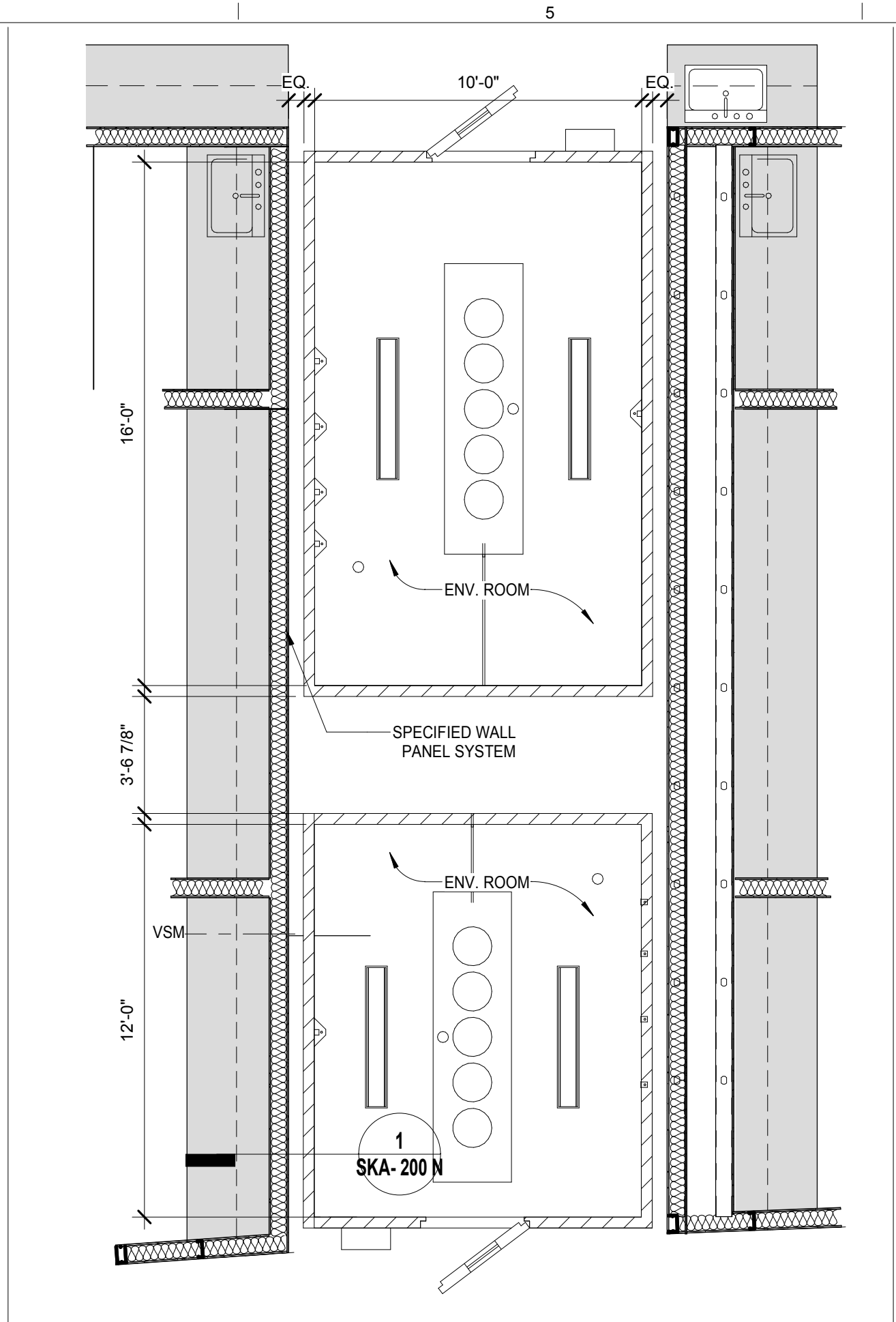
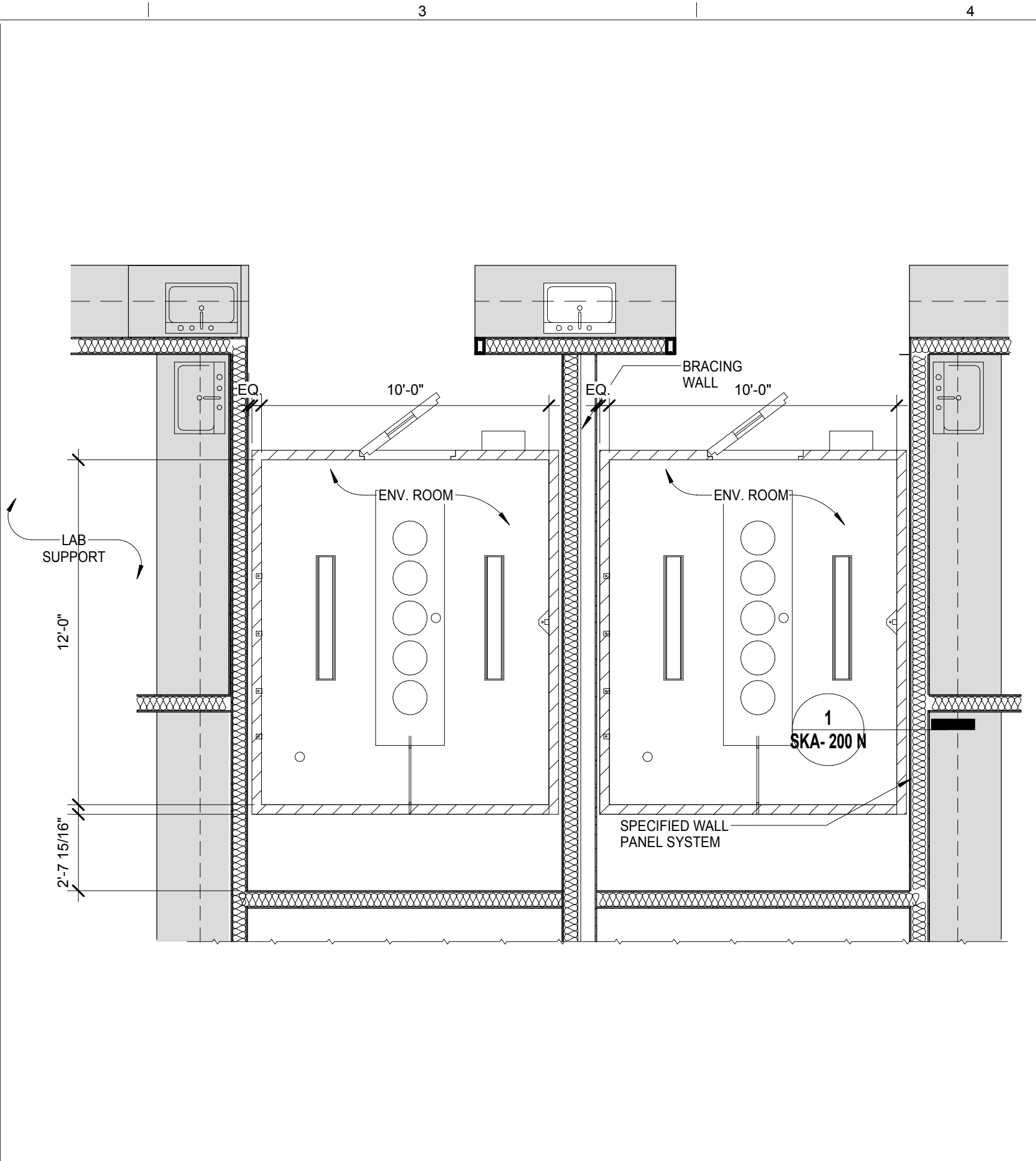
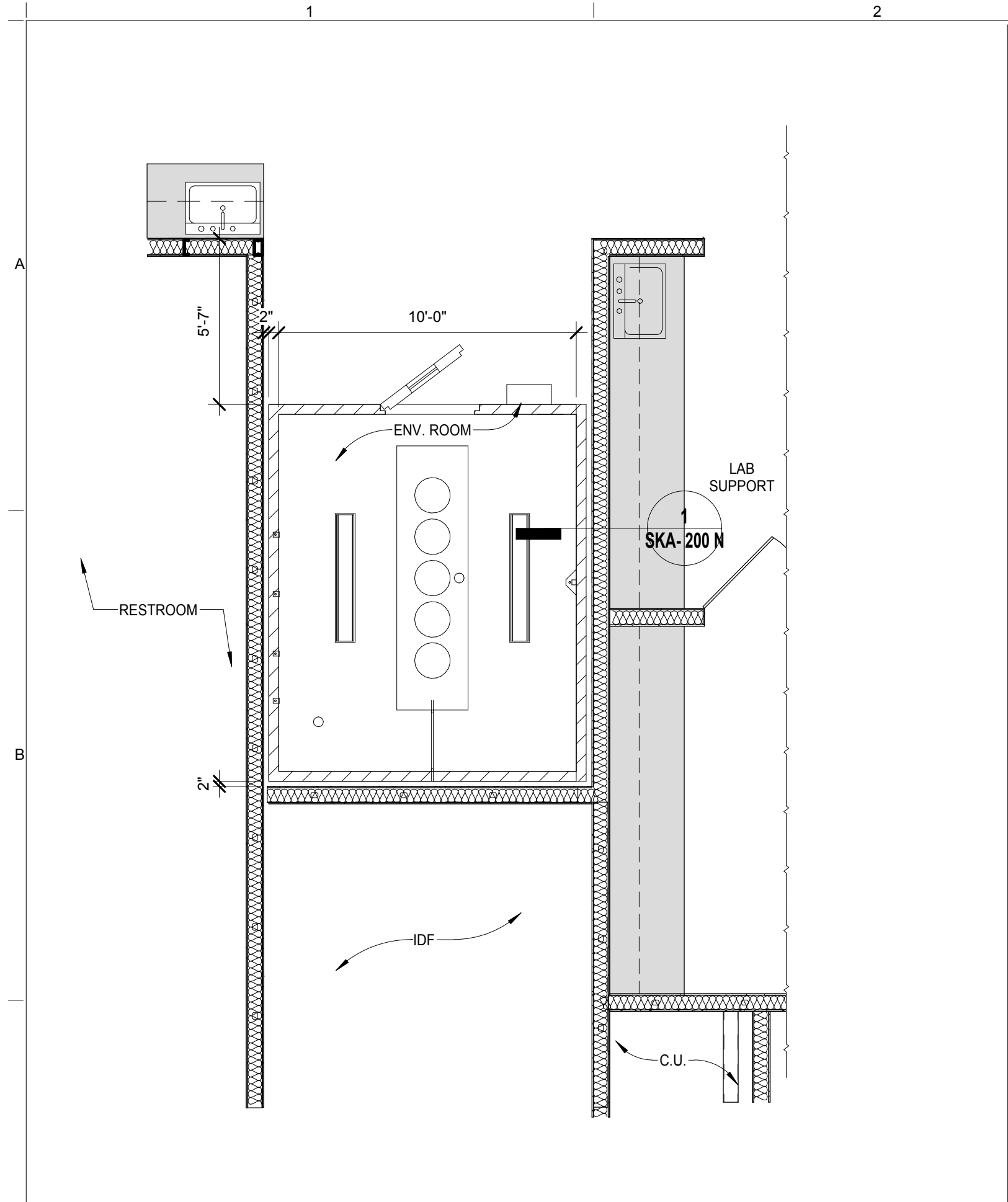


REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	664.100
DRAWING SIZE	24" x 36"
DRAWING SCALE	As Indicated
PROJECT PHASE	CONSTRUCTION DOCUMENTS

ENLARGED LAB SUPPORT, PLAN & SECTIONS (BASE BID)

DRAWING NUMBER: **A-722.00**
 SHEET 282 of 315

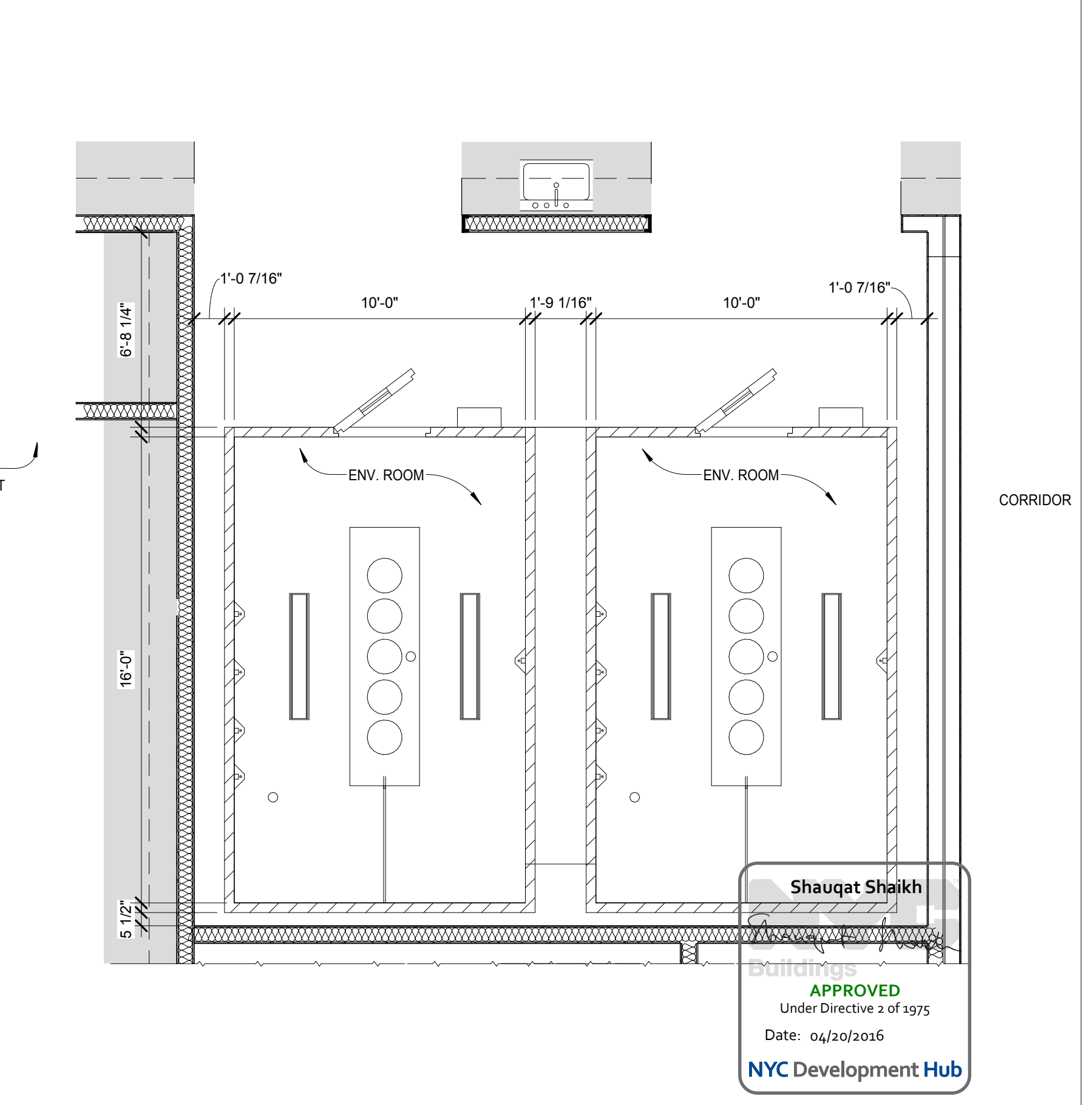
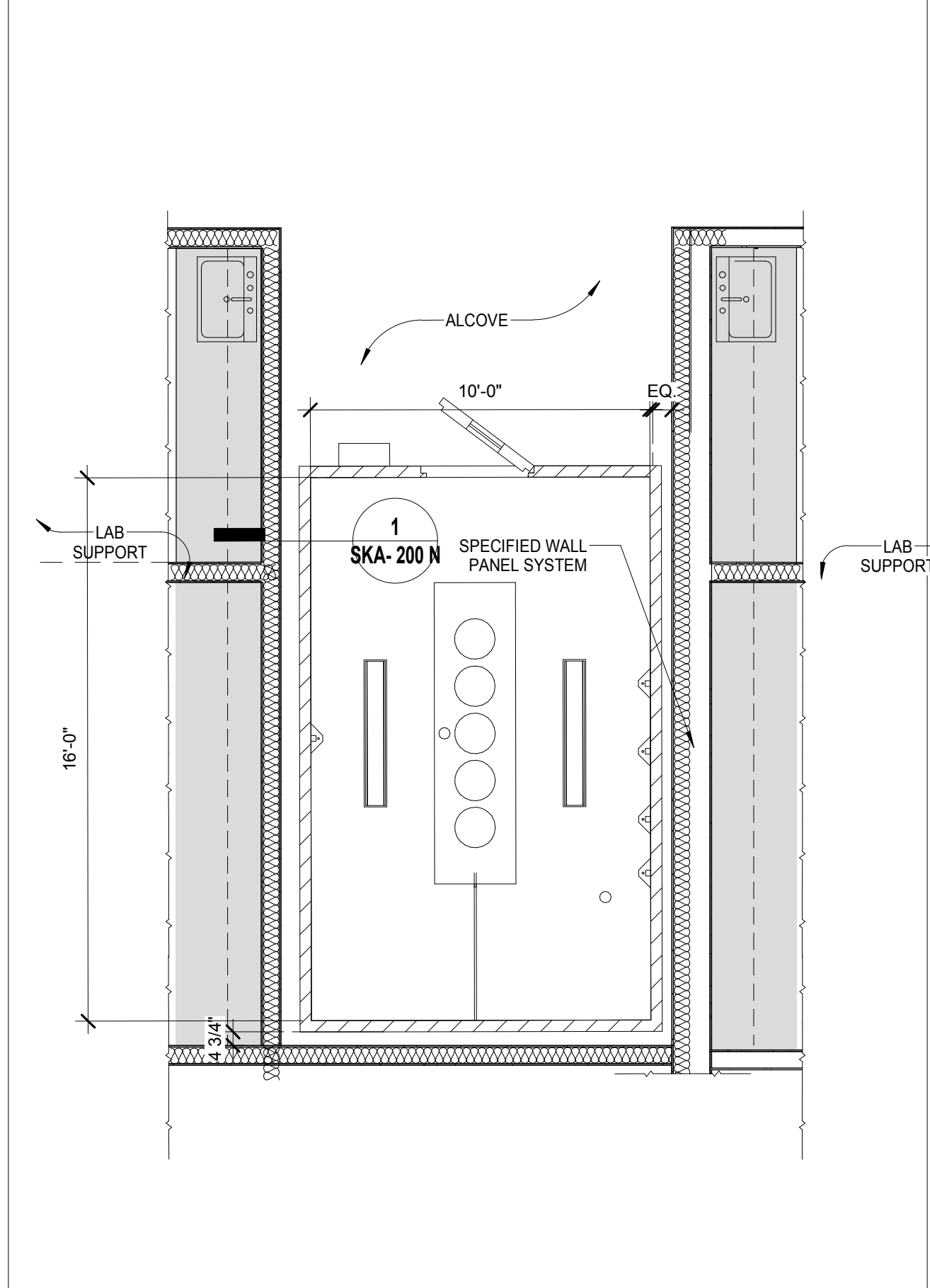
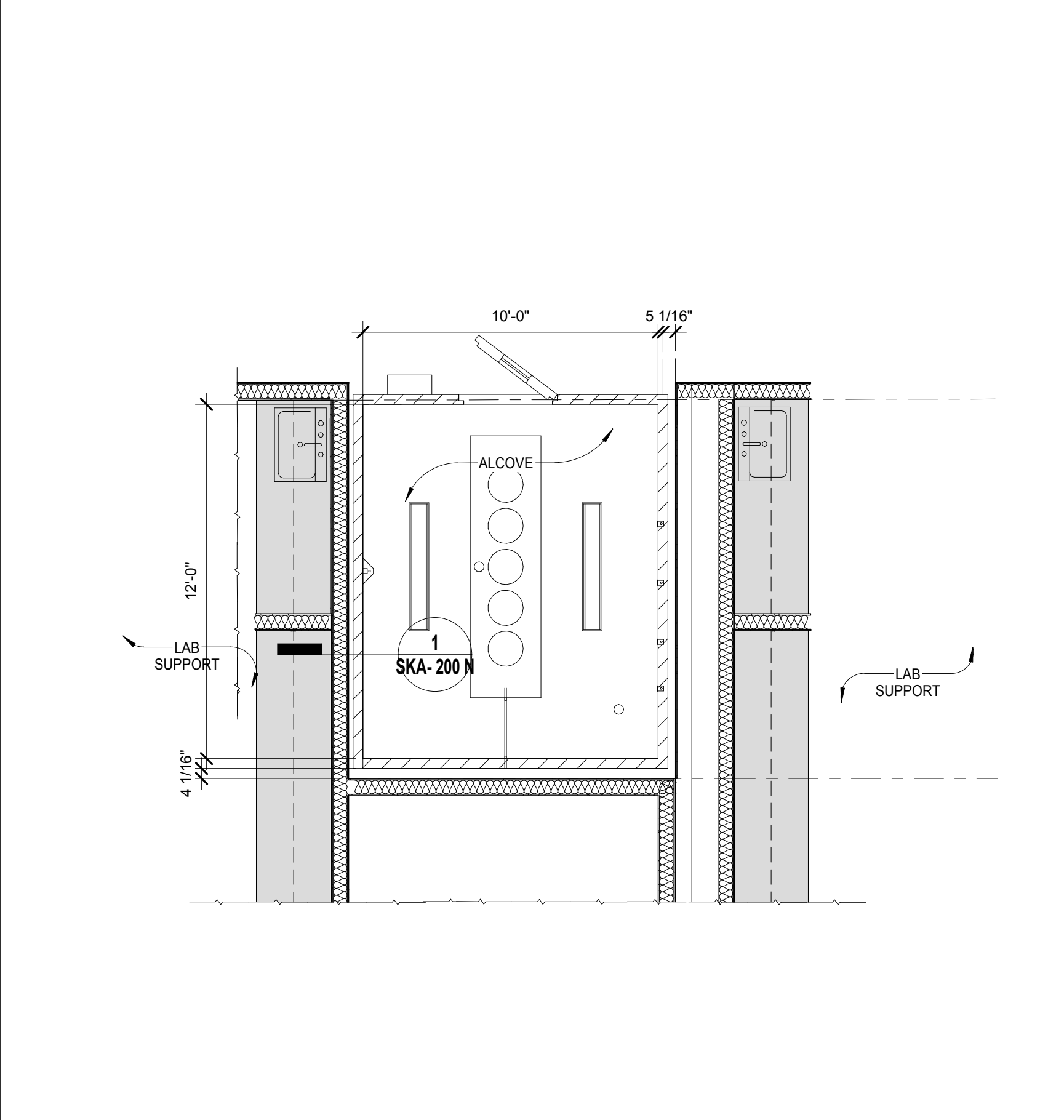
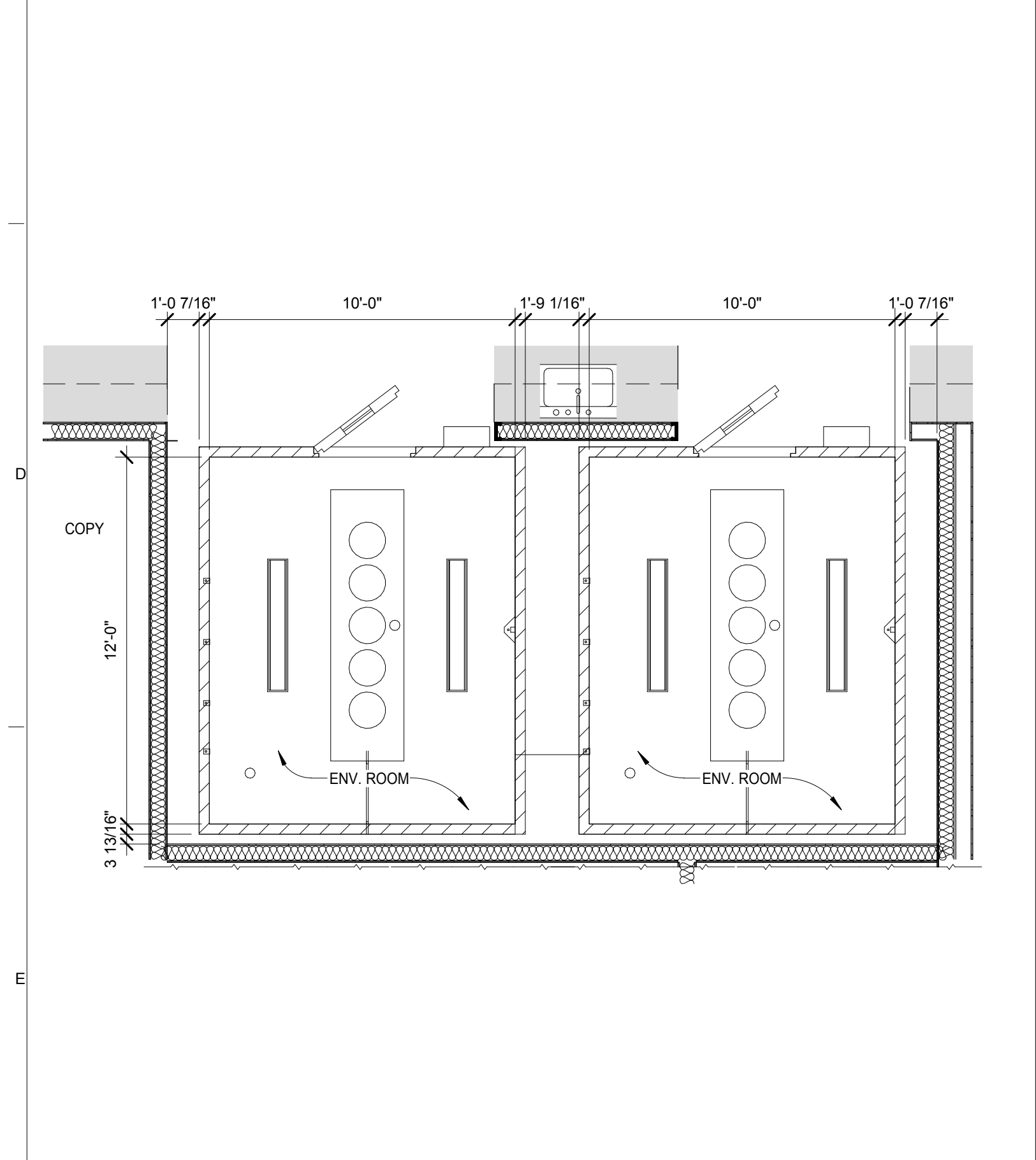


VSM CR WALL staggered
SCALE: 1/4" = 1'-0" **8**

VSM CR WALL 2022/2023
SCALE: 1/4" = 1'-0" **7**

VSM CR WALL BACK TO BACK
SCALE: 1/4" = 1'-0" **6**

VSM CR VSM 1 level 1
SCALE: 1/4" = 1'-0" **5**



COLD ROOM LS1032/1033
SCALE: 1/4" = 1'-0" **4**

WALL CR VSM SINGLE LS 1026
SCALE: 1/4" = 1'-0" **3**

WALL CR VSM SINGLE LS 1011
SCALE: 1/4" = 1'-0" **2**

COLD ROOM LS1004/1005
SCALE: 1/4" = 1'-0" **1**

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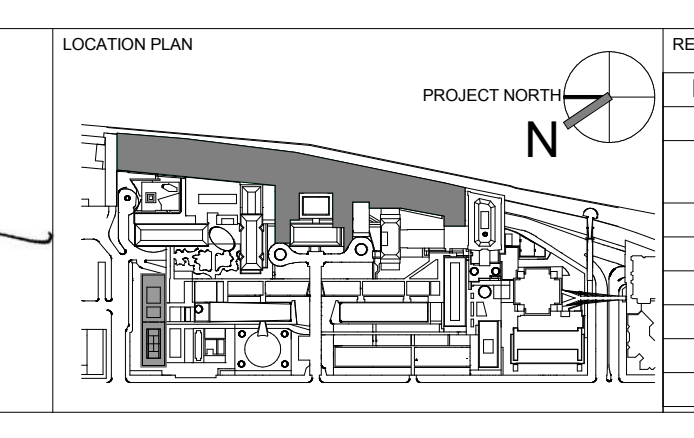
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ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As Indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

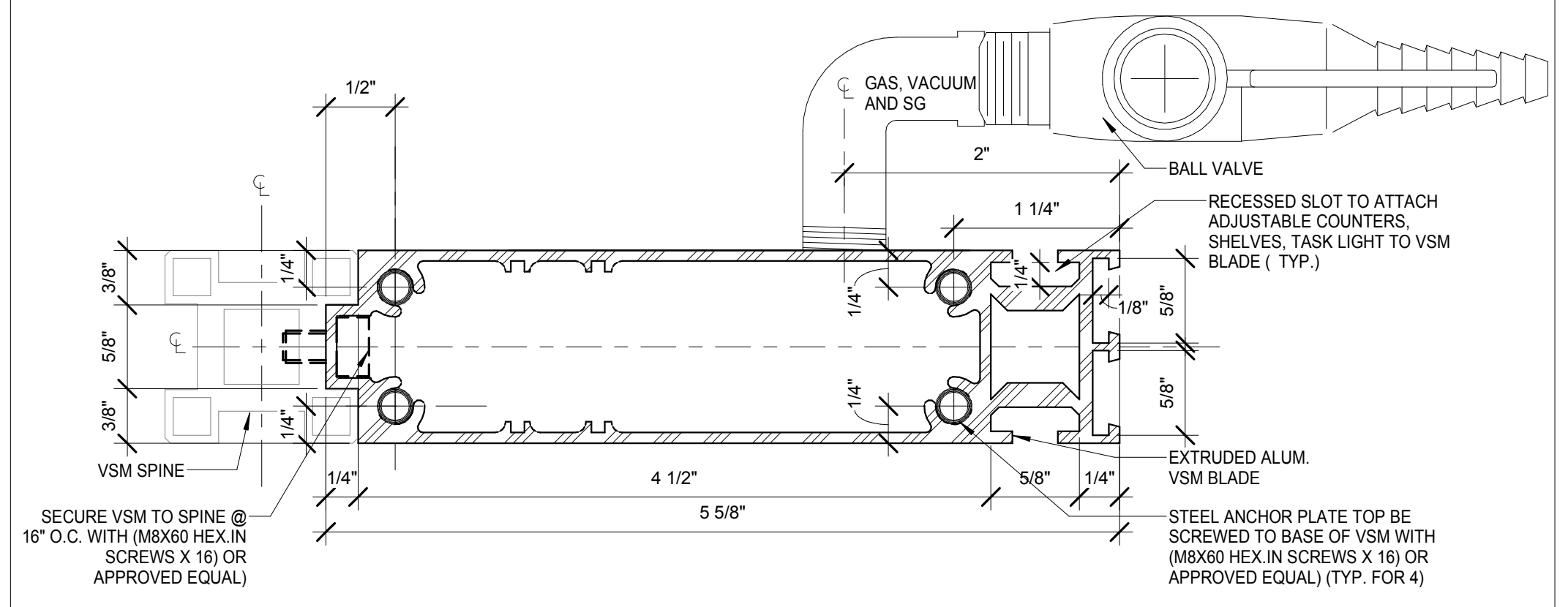
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COLD ROOM ENLARGED PLANS

DRAWING NUMBER
A-724.00

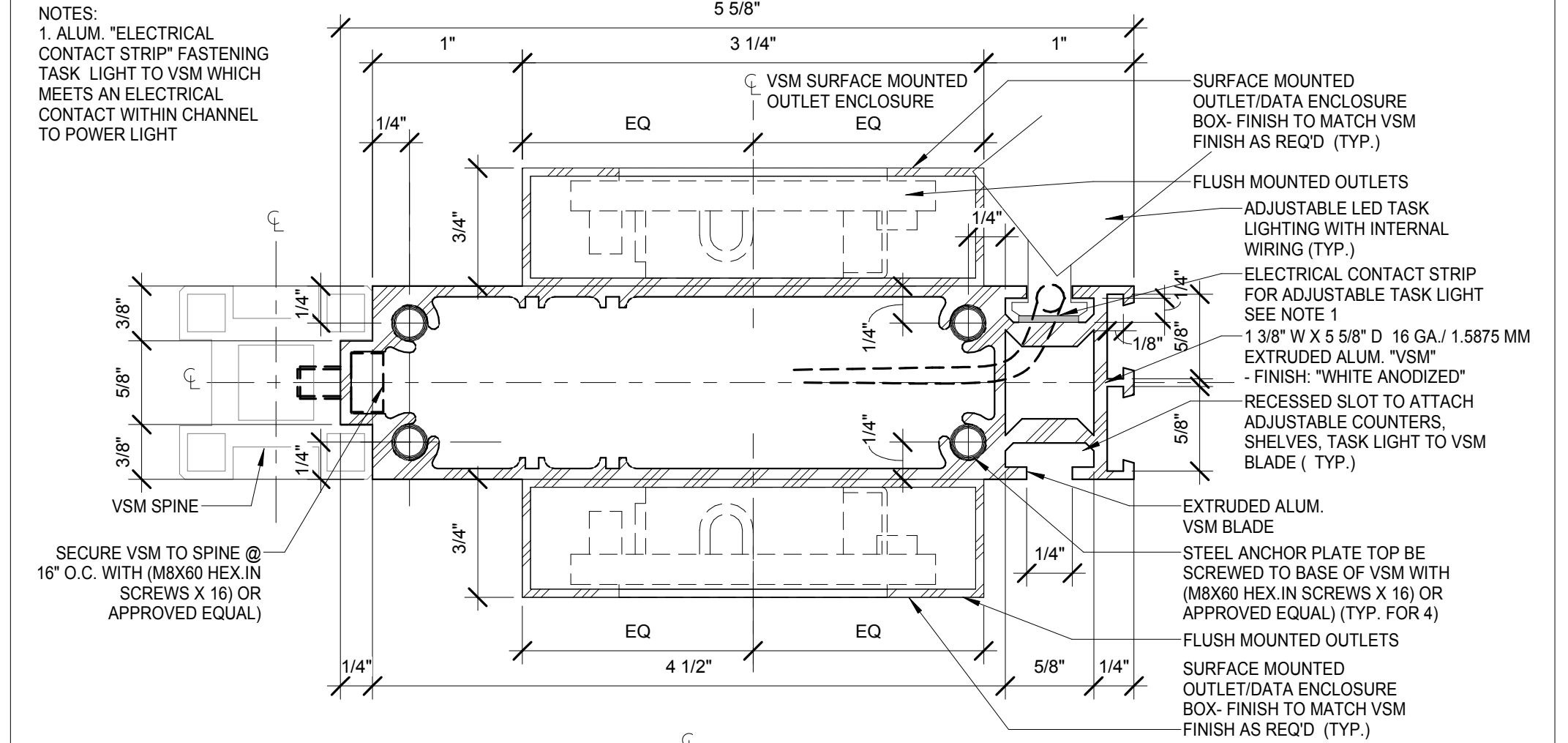
Sheet 283 of 315

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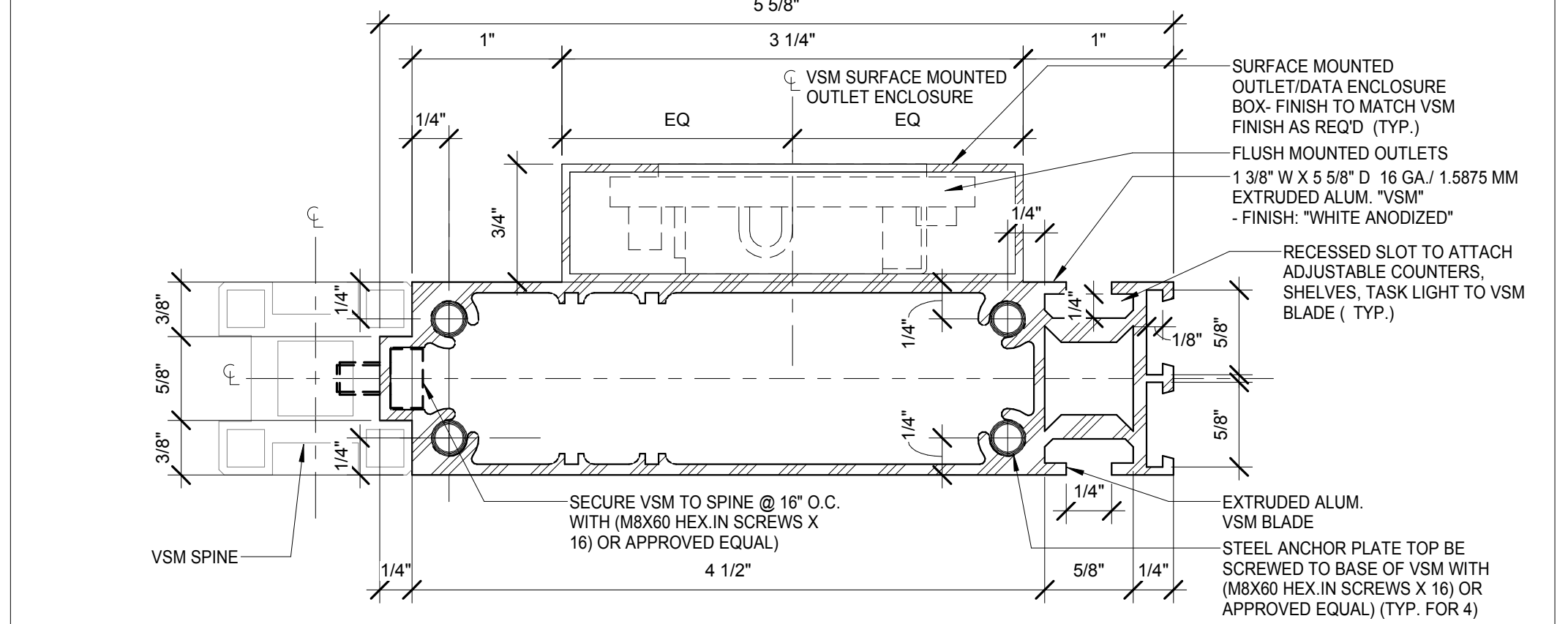
Shauqat Shaikh
APPROVED
Under Directive 2 of 1975
Date: 04/30/2016
NYC Development Hub



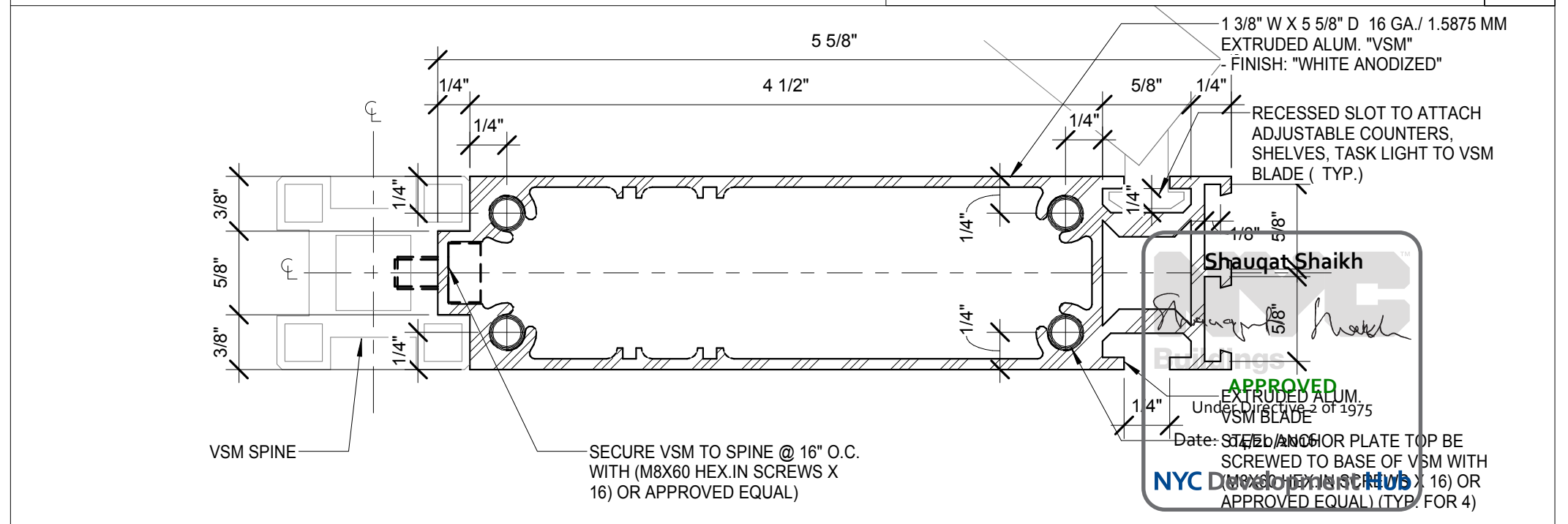
ENLARGED G1 PLAN
SCALE: 12" = 1'-0" 4



ENLARGED VSM PD2/PD3
SCALE: 12" = 1'-0" 3



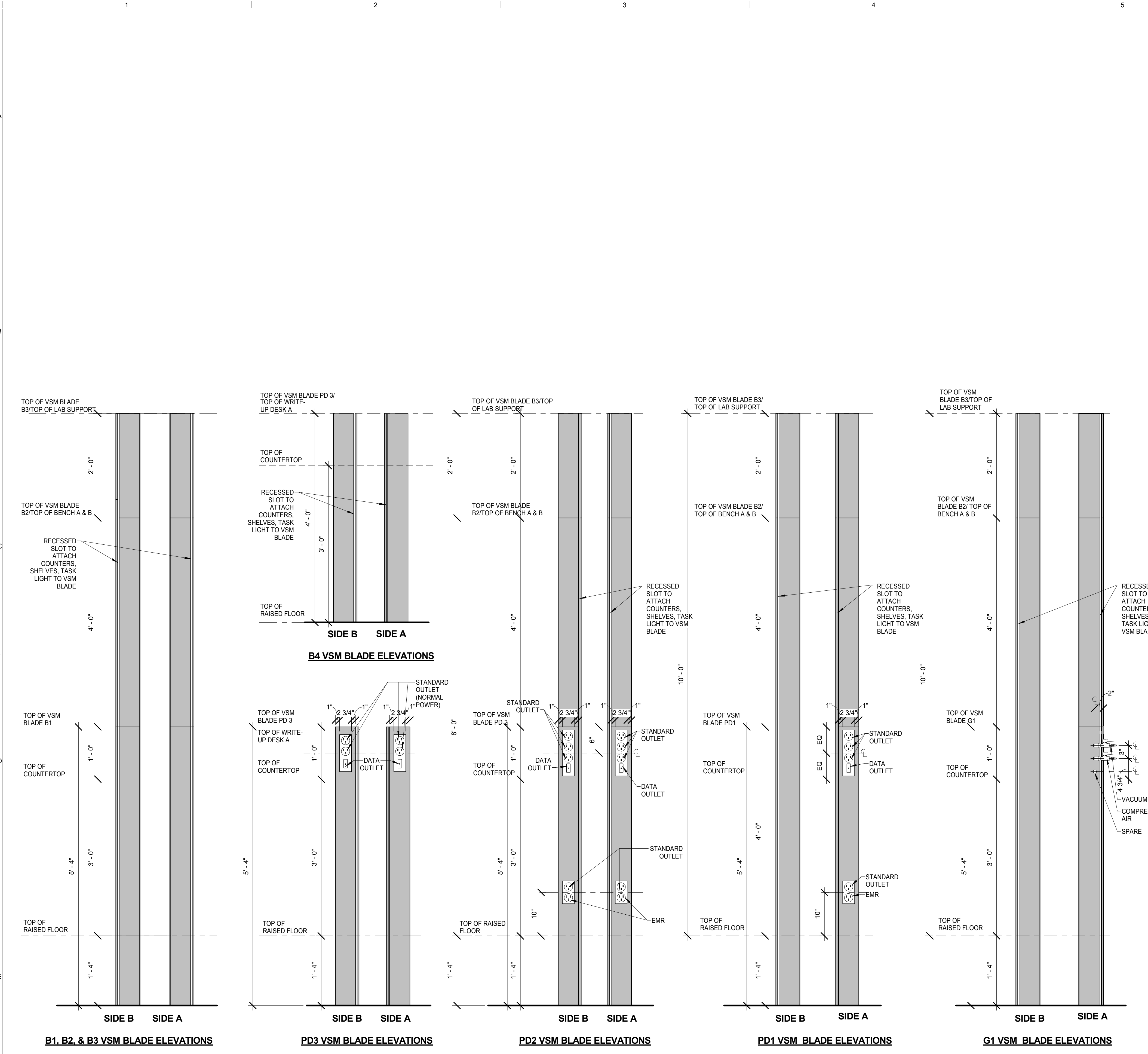
ENLARGED PD 1
SCALE: 12" = 1'-0" 2



ENLARGED B1, B2, B3 & B4 PLAN
SCALE: 12" = 1'-0" 1

APPROVED BY: Shaugat Shaikh
DATE: 10/15/15
NYC DEPT OF BLDGS 121192761

REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER	DRAWING TITLE
1	PROGRESS SET	30-OCT-15	664.100	ENLARGED VSM PLANS/ ELEVATIONS
2	DOB SUBMISSION -RB	16-DEC-15		



VSM ELEVATION
SCALE: 1" = 1'-0" 5

ARCHITECT	STRUCTURAL ENGINEER	MEP / FP ENGINEER	DISCLAIMER	ARCHITECT / ENGINEER SEAL	LOCATION PLAN
THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065 RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060	THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.	REGISTERED ARCHITECT SHAUGAT SHAIKH No. 015267 STATE OF NEW YORK	PROJECT NORTH

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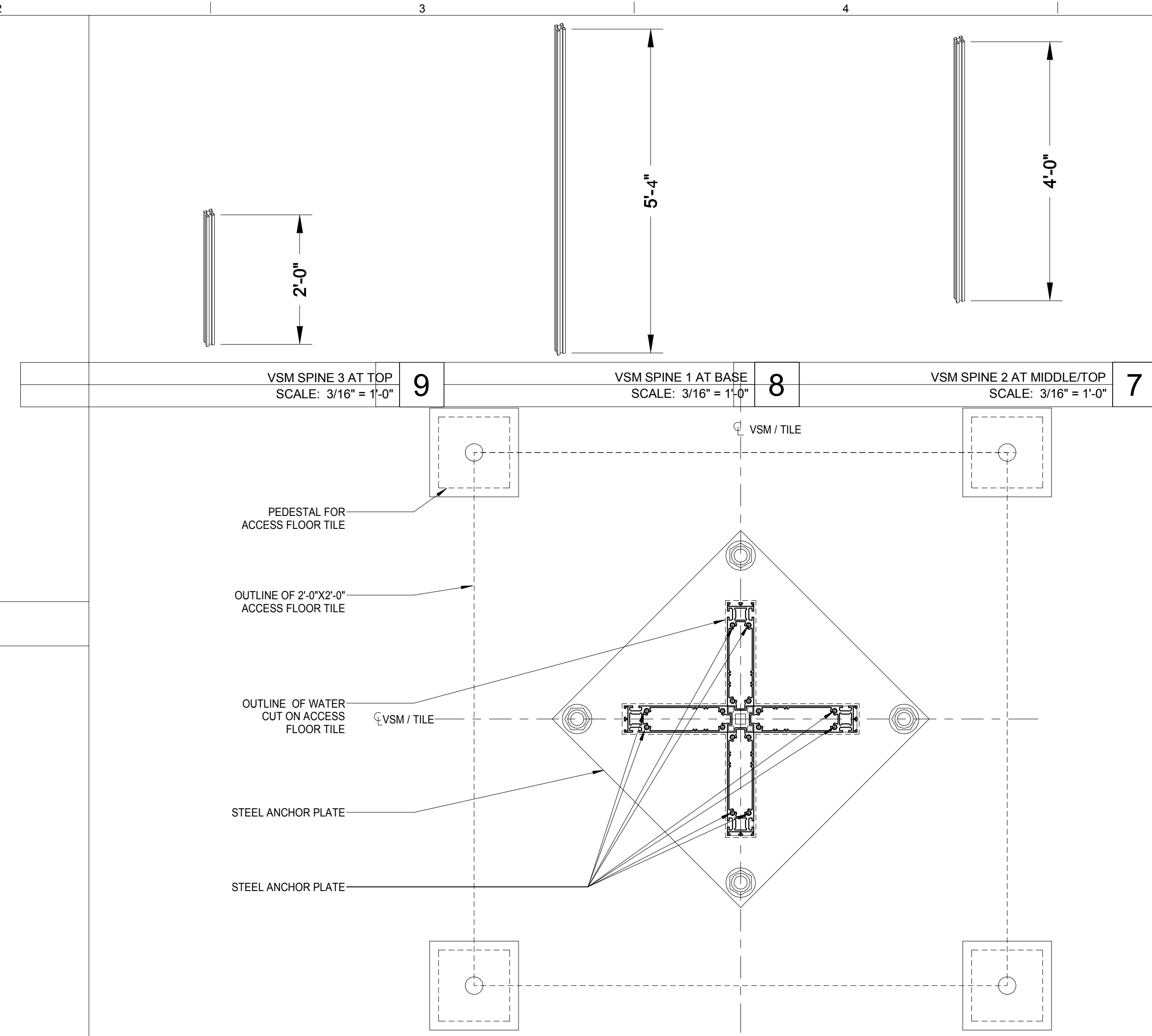
INTERIOR LIGHTING DESIGNER
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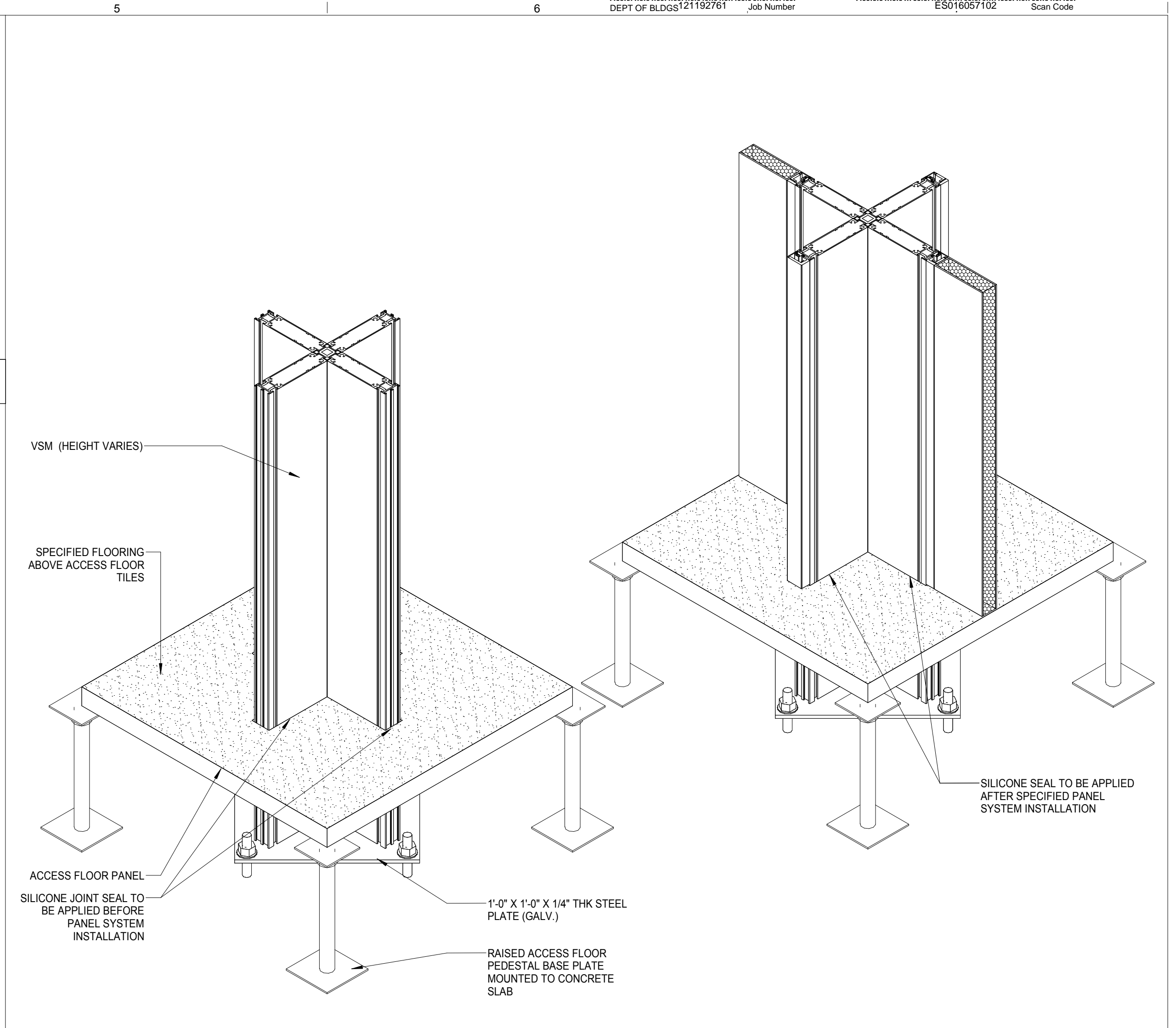
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LOCATION PLAN
 PROJECT NORTH

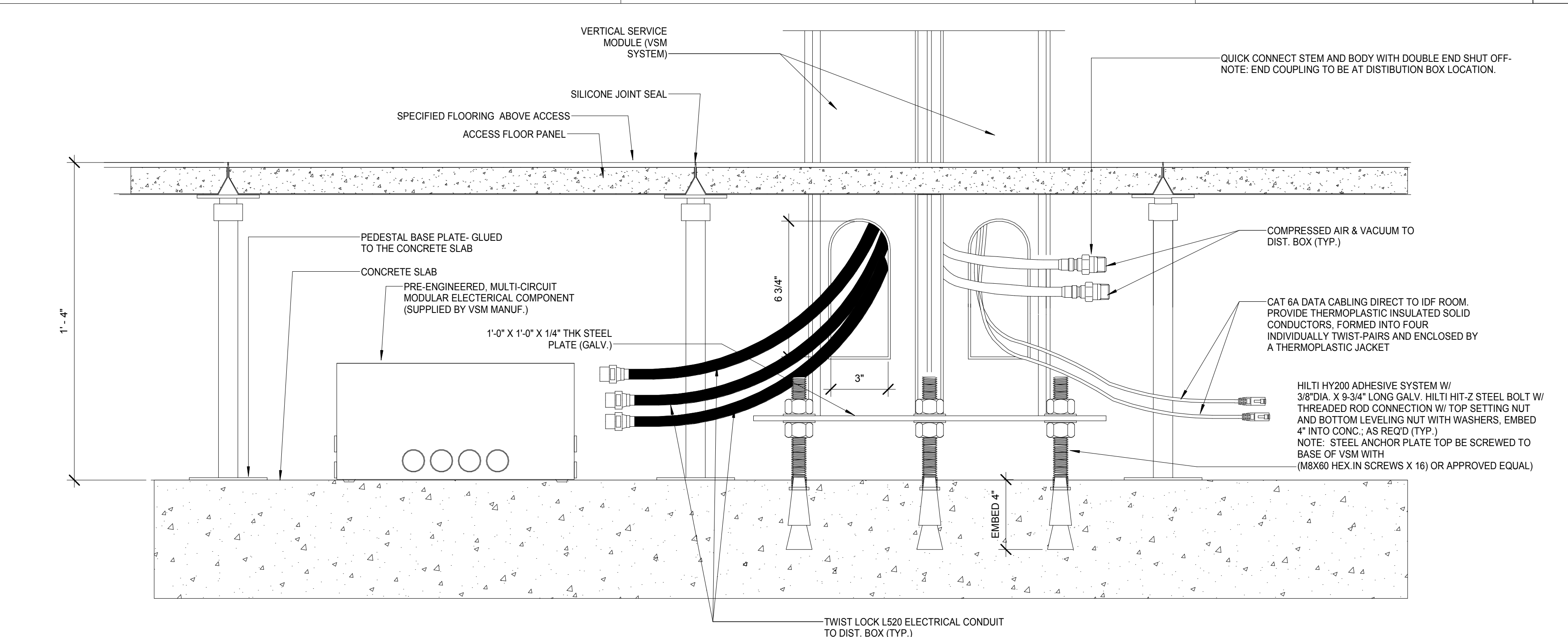
GENERAL NOTES:
 1. CONSOLIDATION "DISTRIBUTION BOXES" MODULAR ELECTRICAL COMPONENTS LINE WITH AIR & VACUUM CONNECTIONS MAY NOT BE IN THE IMMEDIATE VICINITY OF THE BASE OF EACH VSM. VSM MANUF. TO SUPPLY SUFFICIENT CABLE LENGTH FOR EACH UTILITY LINE TO REACH THE NEAREST CONNECTION.
 2. BASE BID: VSM MOUNTED TO CONCRETE DECK SLAB.
 ALTERNATE: VSM MOUNTED TO ACCESS FLOOR PANEL SEE A-737 & A-738.



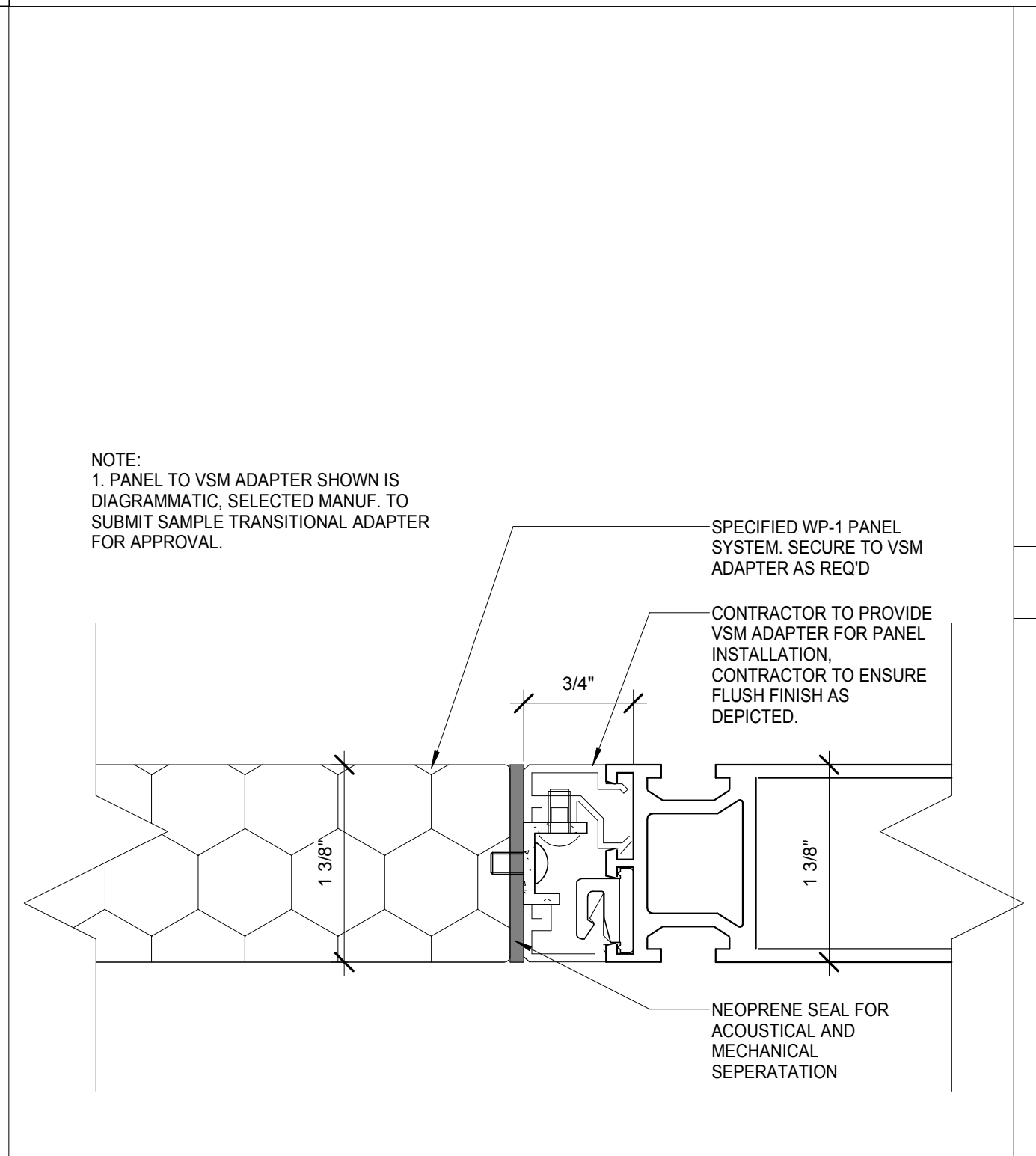
VSM FLOOR MOUNTING LAYOUT
SCALE: 3/16" = 1'-0"



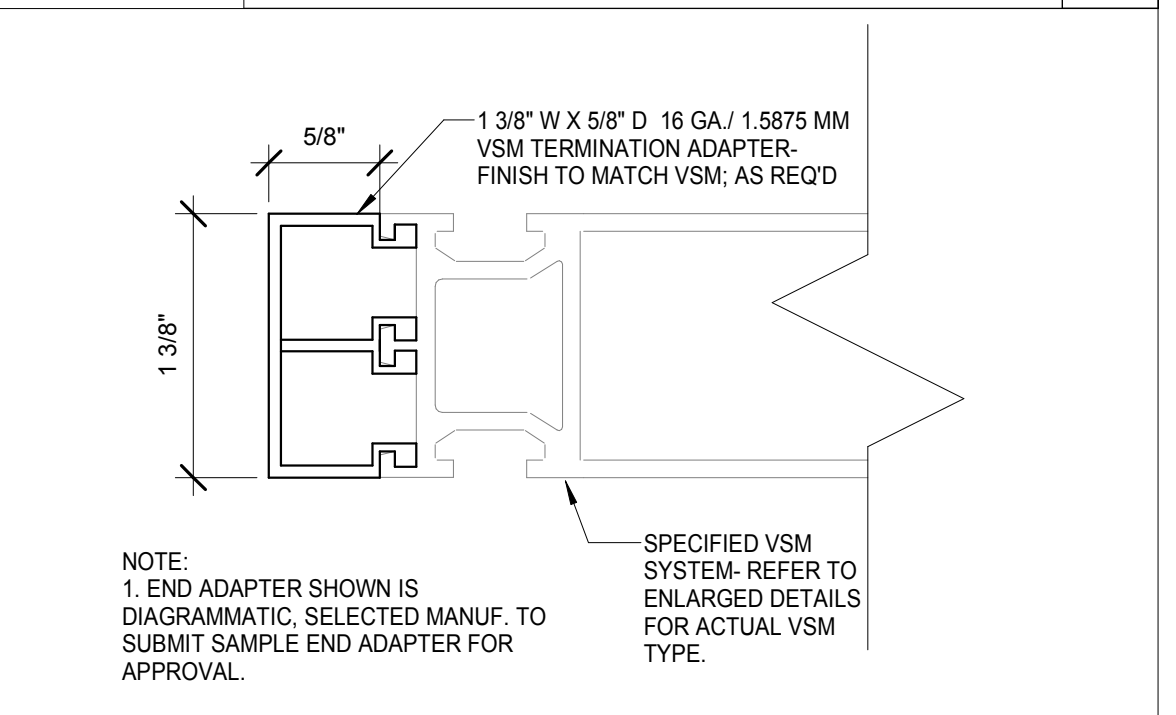
VSM ENLARGED ISOMETRIC DETAIL AT BASE
SCALE: 1" = 1'-0"



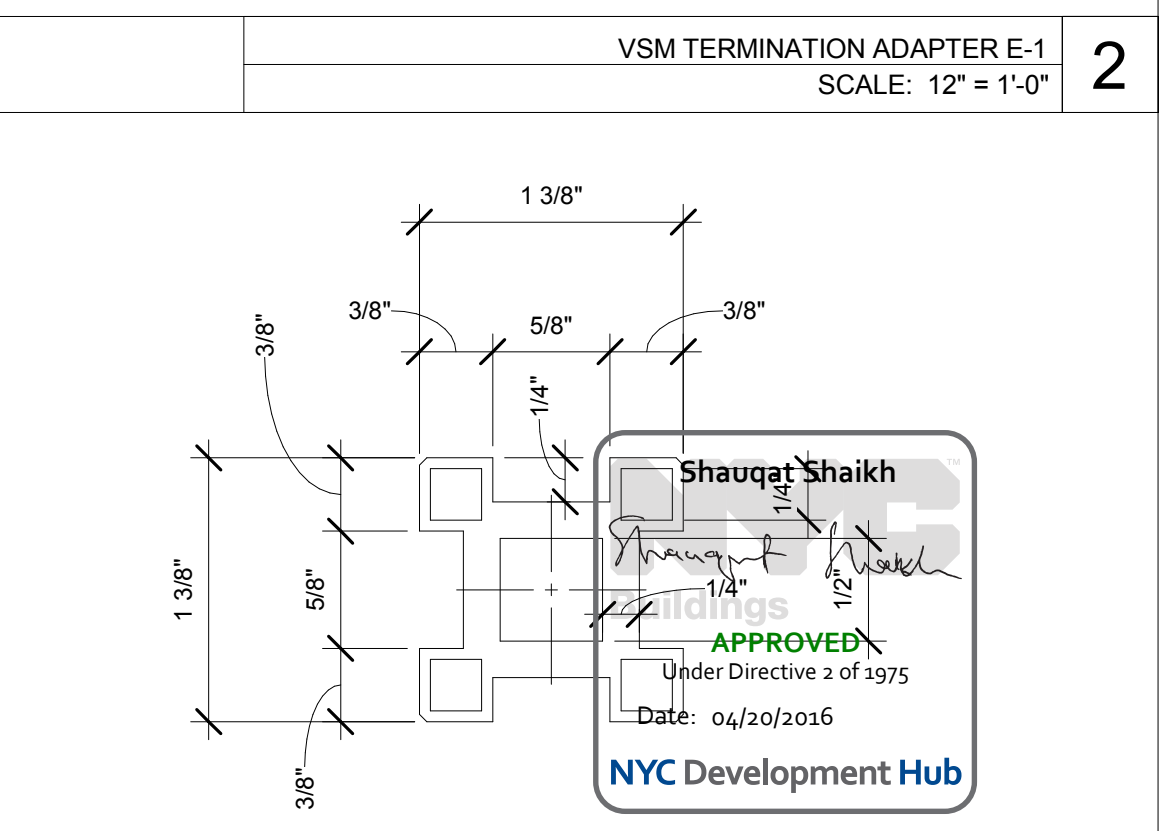
VSM ANCHORAGE TO STRUCTURAL SLAB DETAIL
SCALE: 3" = 1'-0"



VSM PANEL SECUREMENT DETAIL
SCALE: 12" = 1'-0"



VSM TERMINATION ADAPTER E-1
SCALE: 12" = 1'-0"



ENLARGED SPINE PLAN
SCALE: 12" = 1'-0"

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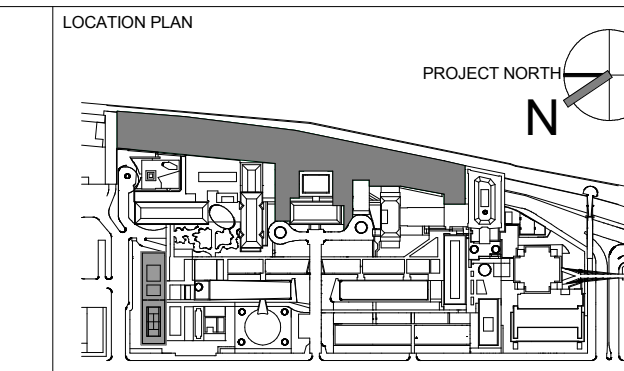
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REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
NOT TO SCALE

PROJECT PHASE
CONSTRUCTION DOCUMENTS

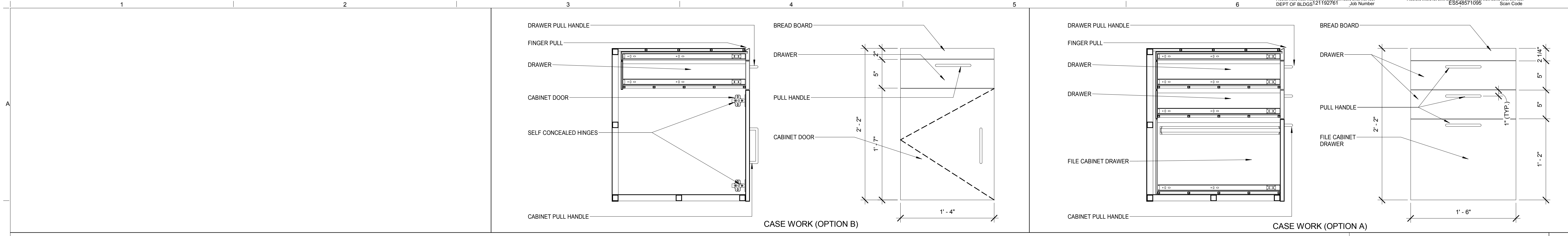
DRAWING TITLE
CASEWORK COMPONENT SHEET

DRAWING NUMBER
A-731.00

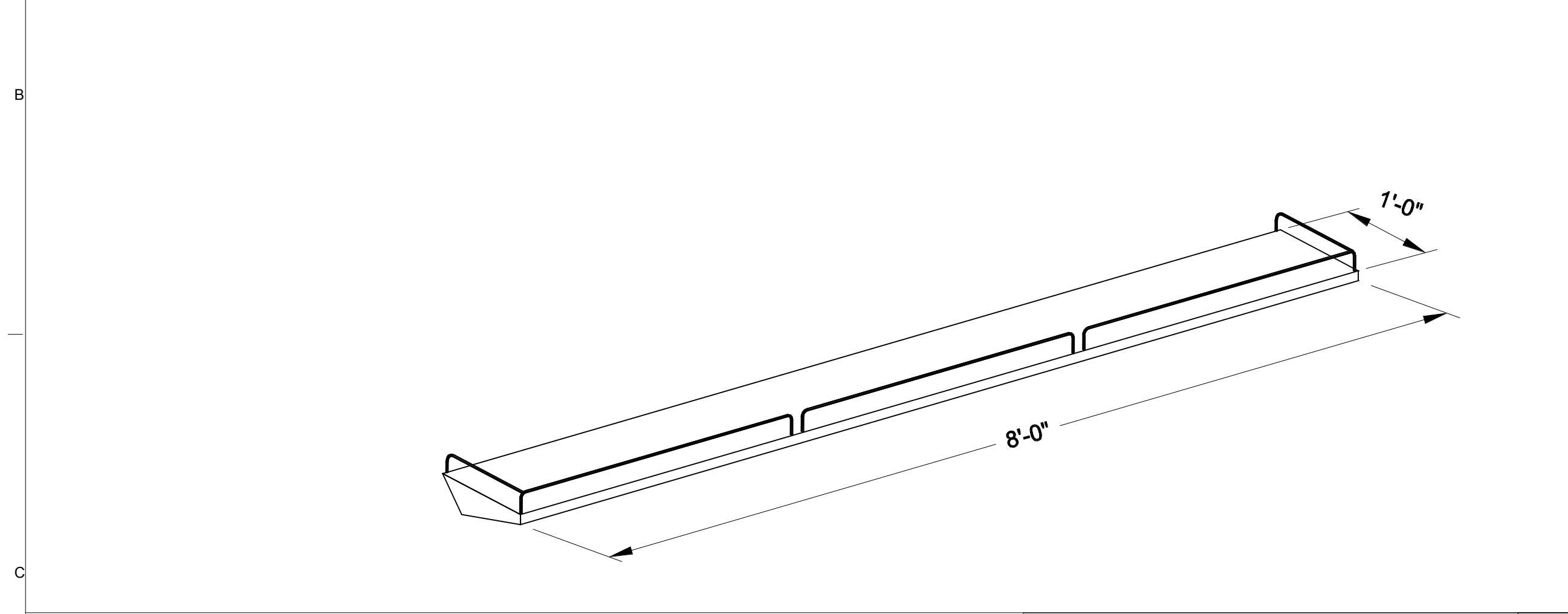
DATE
06/30/2016

APPROVED
Shauqat Shaikh
Under Directive 2 of 1975

NYC Development Hub

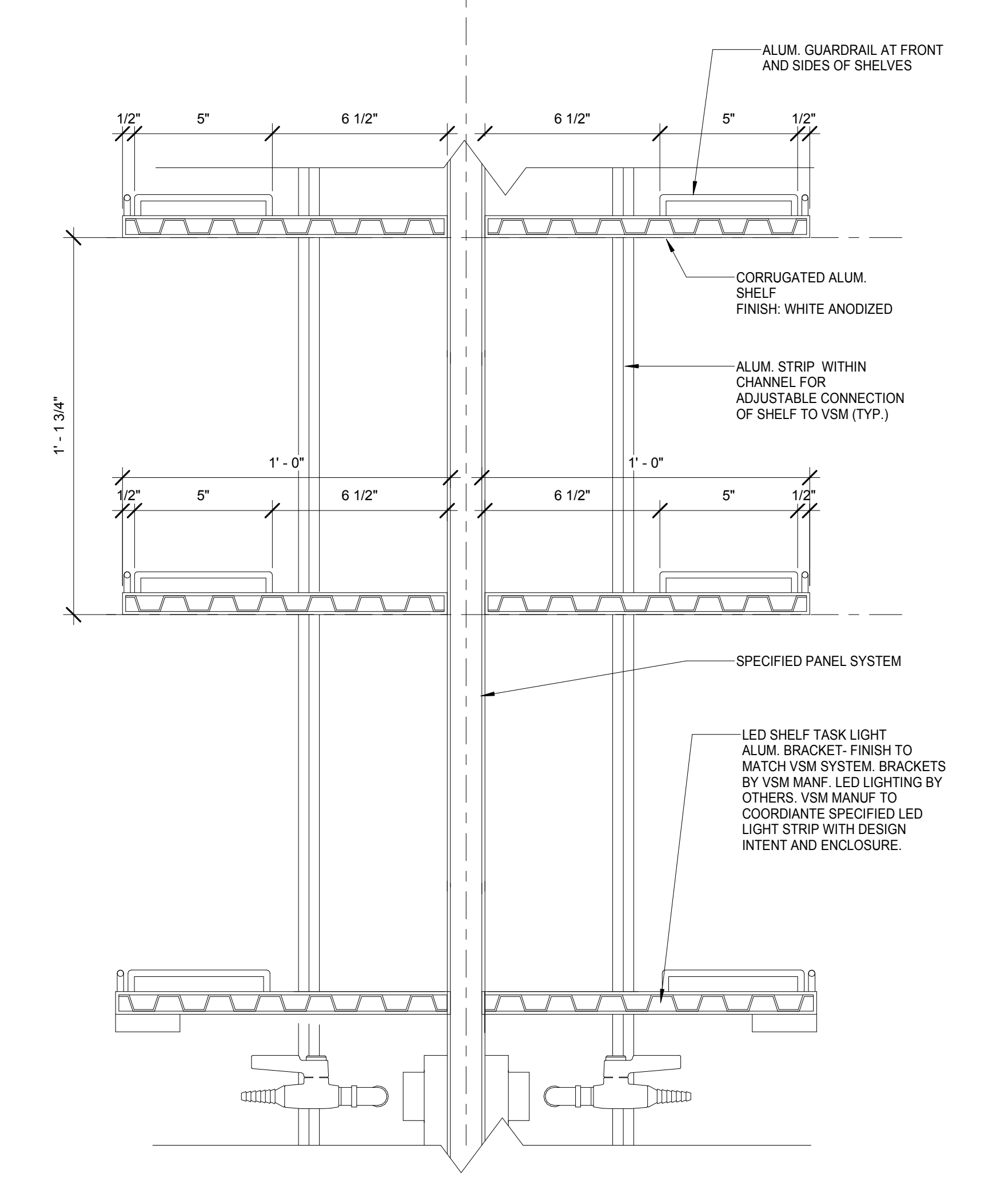


LABORATORY CASEWORK- ELEVATIONS/ SECTIONS
SCALE: 1 1/2" = 1'-0" 5

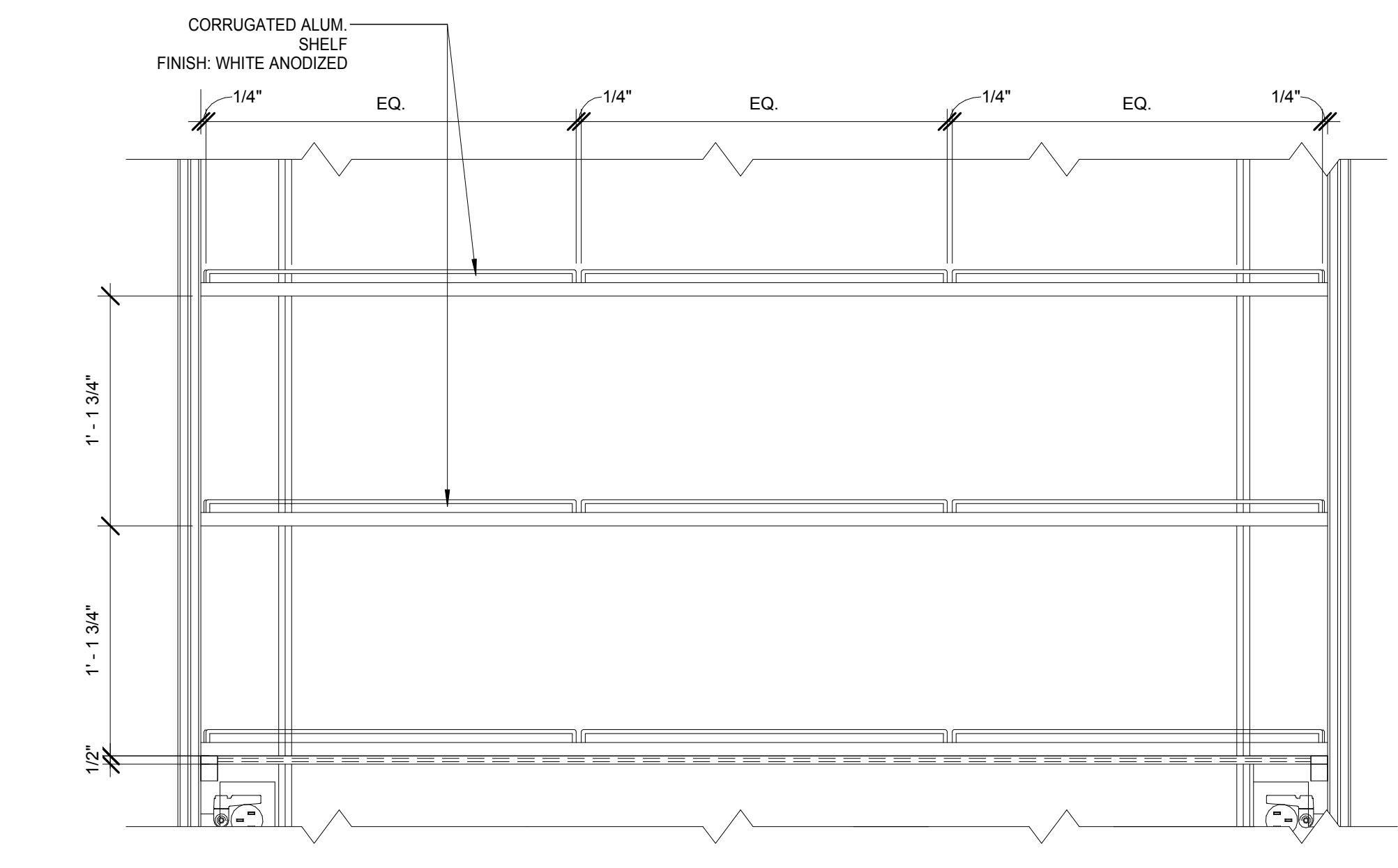


OVERHEAD SHELF BENCH LIGHT FIXTURE WITH LIGHTING, 8'-0"LX1'-4"D
SCALE: 3/16" = 1'-0" 8

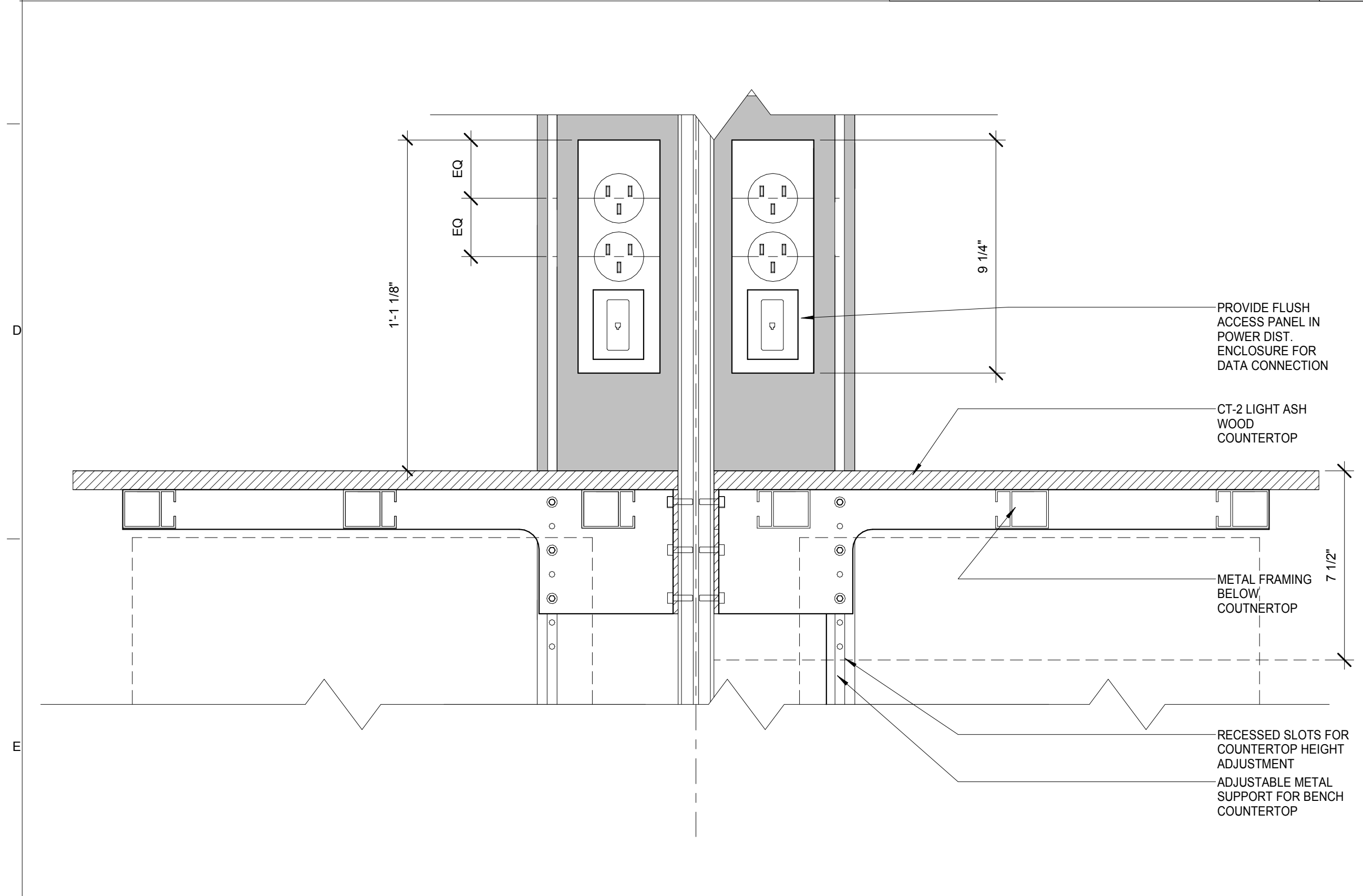
NOTES:
1. SELECTED VERTICAL SERVICE MODULE (VSM) MANUF. TO PROVIDE SHELF BRACKET ABLE TO ACCOMMODATE SELECTED LIGHT FIXTURE (BY OTHERS).
SHELF LIGHTING OPTIONS:
BASIS OF DESIGN
"TUNELIGHT 2" BY FEELUX
ALTERNATES:
1. LED TASK "LARC6" 24VDC LED LIGHT BAR, BY GM LIGHTING
2. ZIPONE LED 707 "MAGNET MOUNTED" LINEAR LIGHT FIXTURE BY VODE
LENGTH TO BE COORDINATED WITH FLOOR PLANS/ SHELF LENGTH/ LIGHTING MANUF. PRODUCT LINE.



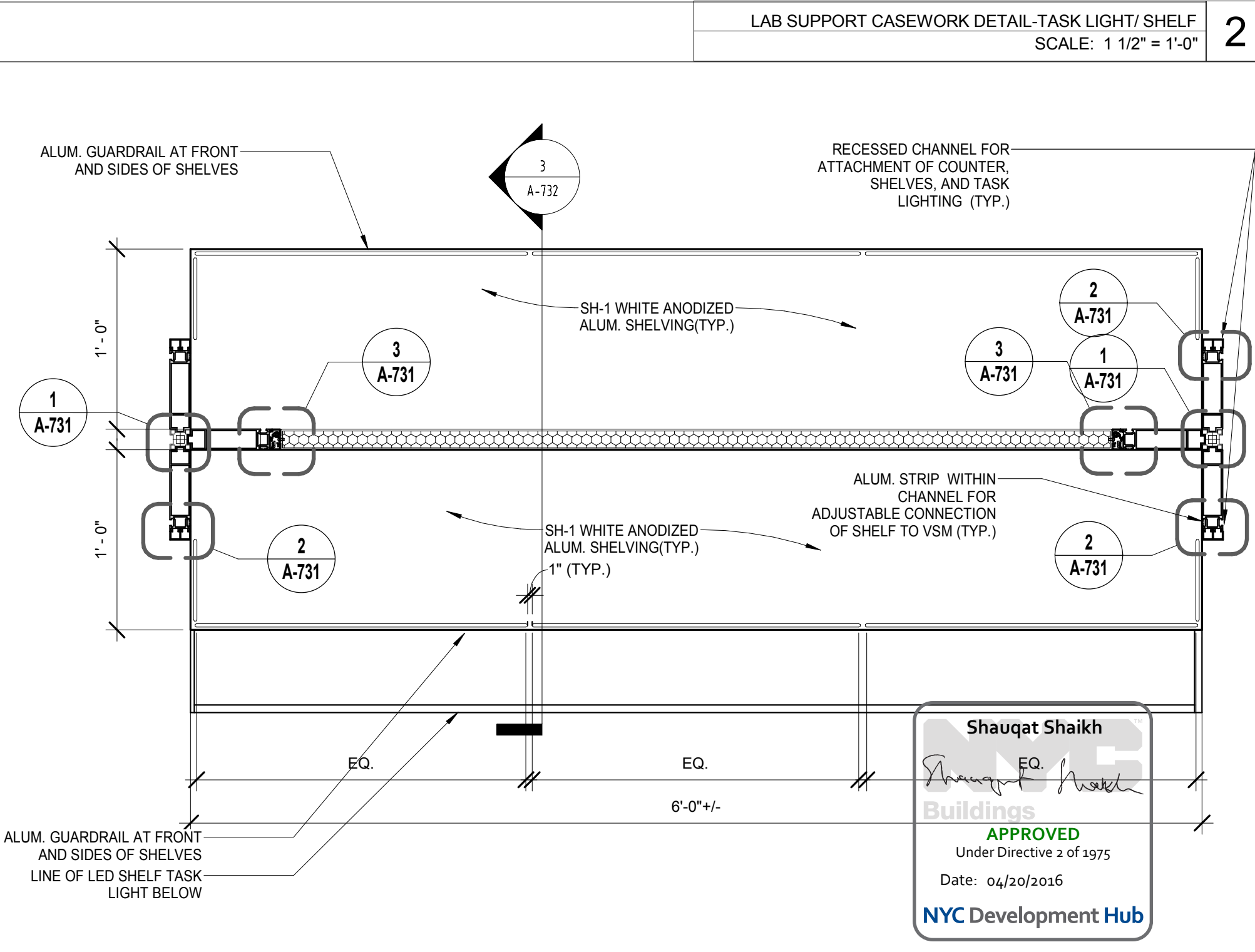
ENLARGED TASK LIGHTING/ SHELF DETAIL
SCALE: 3" = 1'-0" 3



LAB SUPPORT CASEWORK DETAIL-TASK LIGHT/ SHELF
SCALE: 1 1/2" = 1'-0" 2



WRITE UP DESK A ENLARGED ELEVATION
SCALE: 3" = 1'-0" 4



LABORATORY CASEWORK DETAIL-PLAN AT SHELVING
SCALE: 1 1/2" = 1'-0" 1

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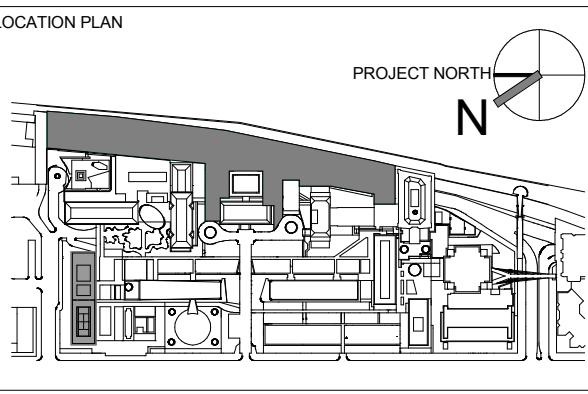
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STATE OF NEW YORK
No. 015267



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
ENLARGED CASEWORK DETAILS

DRAWING NUMBER
A-732.00

DATE
04/30/2016

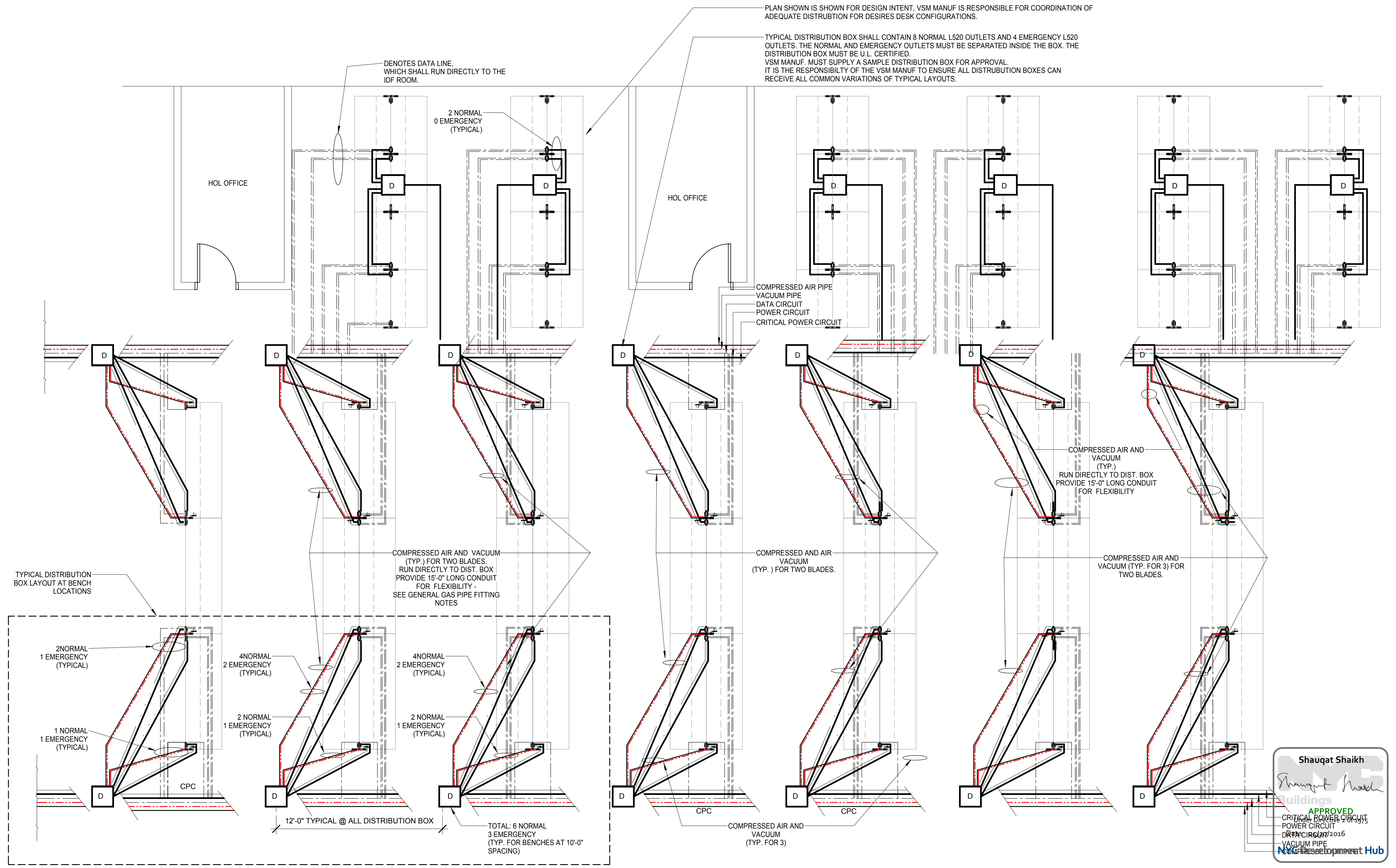
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GENERAL NOTE:
 1. PLAN SHOWN IS DIAGRAMMATIC. IT IS ONLY SHOWN FOR DESIRED COMPONENT CONFIGURATION. IT IS THE RESPONSIBILITY OF THE CONSTRUCTOR TO ENSURE DESIGN INTENT IS MET.

GENERAL GAS PIPE FITTING NOTES:
 TECHNICAL GAS PIPE AND FITTINGS (OR CORROSIVE LAB GASES)
 1. TECHNICAL PIPING (AIR & VACUUM) SHALL BE WELDED, DRAWN AND ANNEALED TYPE 304L STAINLESS STEEL, TUBE 1/2" GA. THICKNESS, POLISHED I, MIN 25RA GRADE FINISH, MILL FINISH OD.
 2. FITTINGS SHALL BE TYPE 316 STAINLESS STEEL, SOCKET WELD ENDS CONFORMING TO ANSI B31.1 AND B31.2 OR SWAGE-LOCK, GYRO-LOCK, OR PARTER TUBE FITTINGS. FITTINGS AND PIPE TO BE ONE MANUFACTURER TO ASSURE PROPER FIT AND SYSTEM CONFORMANCE.
 3. JOINTS SHALL BE FIELD FABRICATED BY ORBITAL WELDING METHOD, SOCKET WELDED, EITHER FLANGED OR SWAGE CONNECTIONS TO VALVES, EQUIPMENT AND WHERE INDICATED ON THE CONTRACT DRAWINGS. SWAGE STYLE FITTINGS ARE TO BE FABRICATED PER MANUFACTURER'S INSTRUCTIONS.
 4. WHERE PIPING RUNS THROUGH CONCRETE, PROVIDE 2" PVC SLEEVE AND PROVIDE A 2" BEND (TWO [2] 90° OFFSETS).

DISTRIBUTION BOX NOTES:
 1. DISTRIBUTION BOX SHALL CONTAIN 8 NORMAL L520 OUTLETS AND 4 EMERGENCY L520 OUTLETS. THE NORMAL AND EMERGENCY OUTLETS MUST BE SEPARATED INSIDE THE BOX. THE DISTRIBUTION BOX MUST BE U.L. CERTIFIED.
 2. VSM MANUF. MUST SUPPLY A SAMPLE DISTRIBUTION BOX FOR APPROVAL.
 3. IT IS THE RESPONSIBILITY OF THE VSM MANUF TO ENSURE ALL DISTRIBUTION BOXES CAN RECEIVE ALL COMMON VARIATIONS OF TYPICAL LAYOUTS.



Shauqat Shaikh
 Shauqat Shaikh
 Buildings
 APPROVED
 CRITICAL POWER CIRCUIT
 POWER CIRCUIT
 DRAWN 12/16/2016
 VACUUM PIPE
 NOT TO BE USED FOR PROJECT

ENLARGED "DIAGRAMMATIC" PARTIAL POWER, DATA, GAS
 SCALE: 1/4" = 1'-0" 1

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1901
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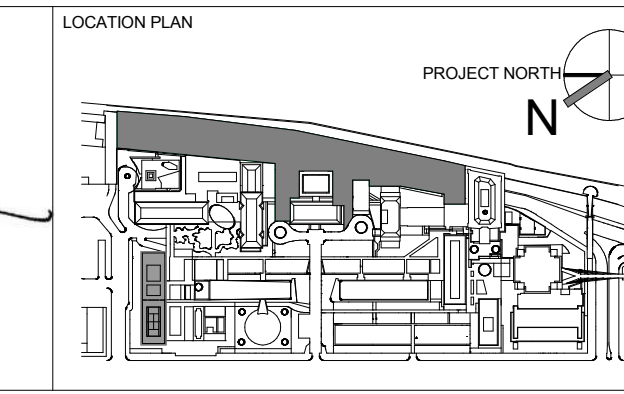
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ARCHITECT / ENGINEER SEAL
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 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING TITLE
 ENLARGED "DIAGRAMMATIC" PARTIAL POWER, DATA & GASES DISTRIBUTION PLAN

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 1/4" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING NUMBER
 A-733.00

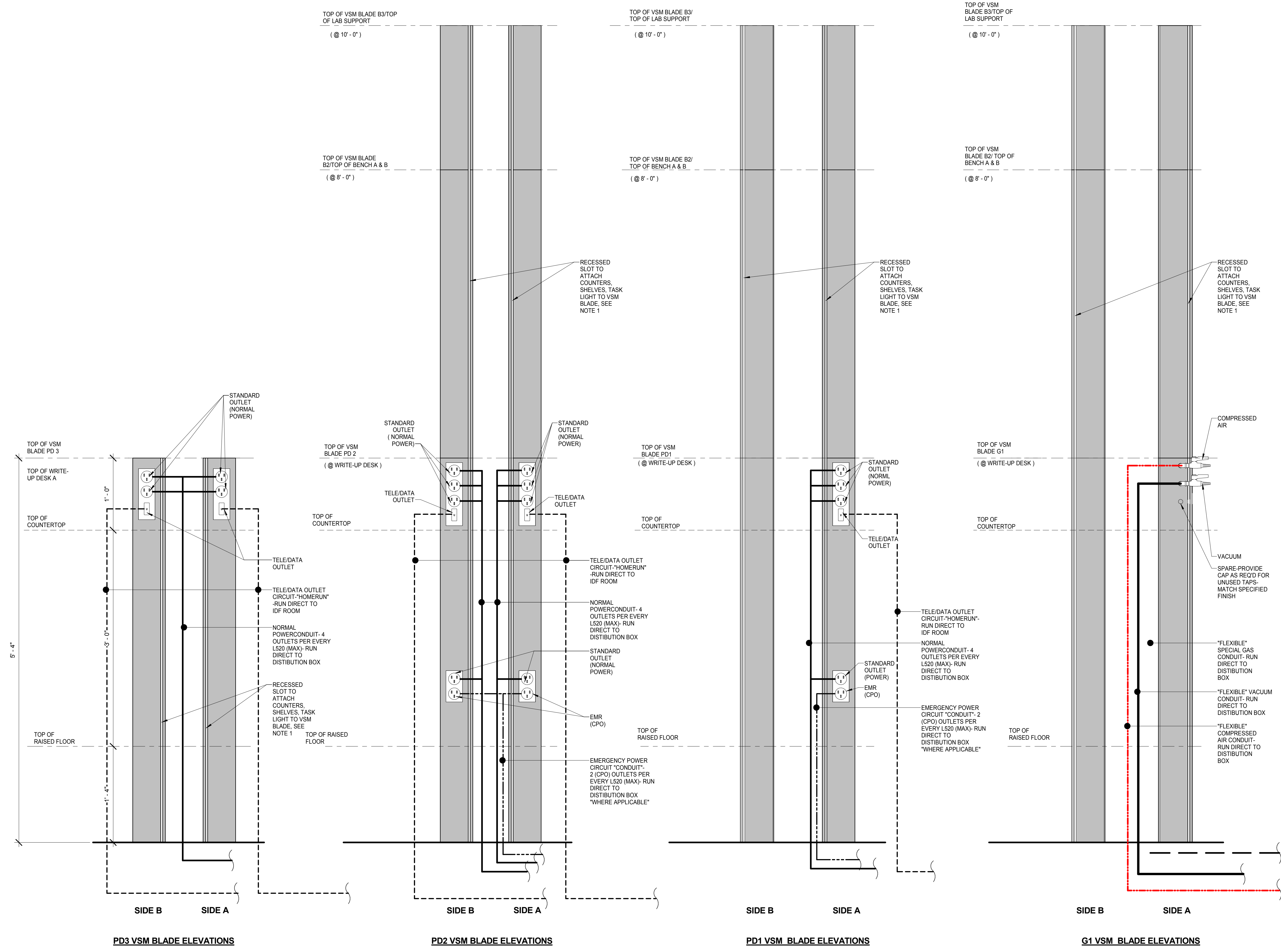
SHEET
 288 of 315

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NOTES:
 1. ALL VSM BLADES TO BE PROVIDED WITH ELECTRICAL CONTACT STRIP AT RECESSED SLOT FOR ADJUSTABLE LED TASK LIGHTING AT WORK STATIONS AND LABORATORY BENCH AND LAB SUPPORT BENCHES (TYP.).
 2. ELECTRICAL CONTACT STRIP SHALL NOT EXCEED 8'-0" A.F.F. (TYP.)

LEGEND
 — □ POWER OUTLET
 — □ DATA OUTLET
 ⊙ CRITICAL POWER OUTLET ONLY AT VSM AT SUPPORT LABORATORY
 — POWER CIRCUIT
 — CPC CRITICAL POWER CIRCUIT ONLY AT VSM AT SUPPORT LABORATORY
 — COMPRESSED AIR PIPE
 — VACUUM PIPE
 OH OVERHEAD OUTLET
 UC UNDER COUNTER OUTLET
 N# NORMAL CIRCUIT #

POWERING SUMMARY:
SUMMARY
 P/D 1: (2) NORMAL PLUGS, (1) EMERGENCY PLUG
 P/D 2: (2) NORMAL PLUGS, (1) EMERGENCY PLUG
 P/D 3: (1) NORMAL PLUG
X: (2) P/D 2 = (4) NORMAL PLUGS, (2) EMERGENCY PLUG
T: (1) P/D 2 = (2) NORMAL PLUGS, (1) EMERGENCY PLUG
L: (1) P/D 1 = (2) NORMAL PLUGS, 1 EMERGENCY PLUG
Y: (3) P/D 3 = (3) NORMAL PLUGS



PD3 VSM BLADE ELEVATIONS

PD2 VSM BLADE ELEVATIONS

PD1 VSM BLADE ELEVATIONS

G1 VSM BLADE ELEVATIONS

VSM ELEVATION POWER, GAS, & DATA DISTRIBUTION SCALE: 1/2" = 1'-0" 1

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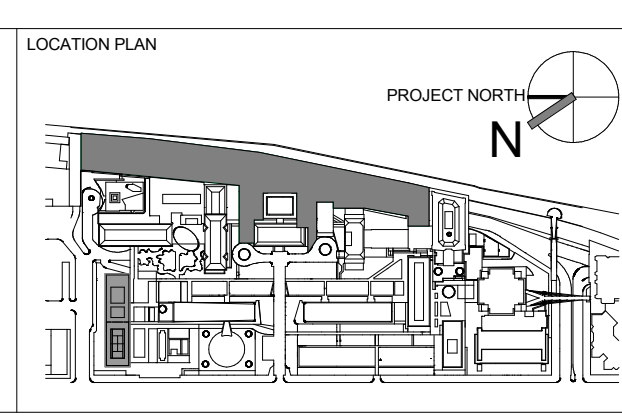
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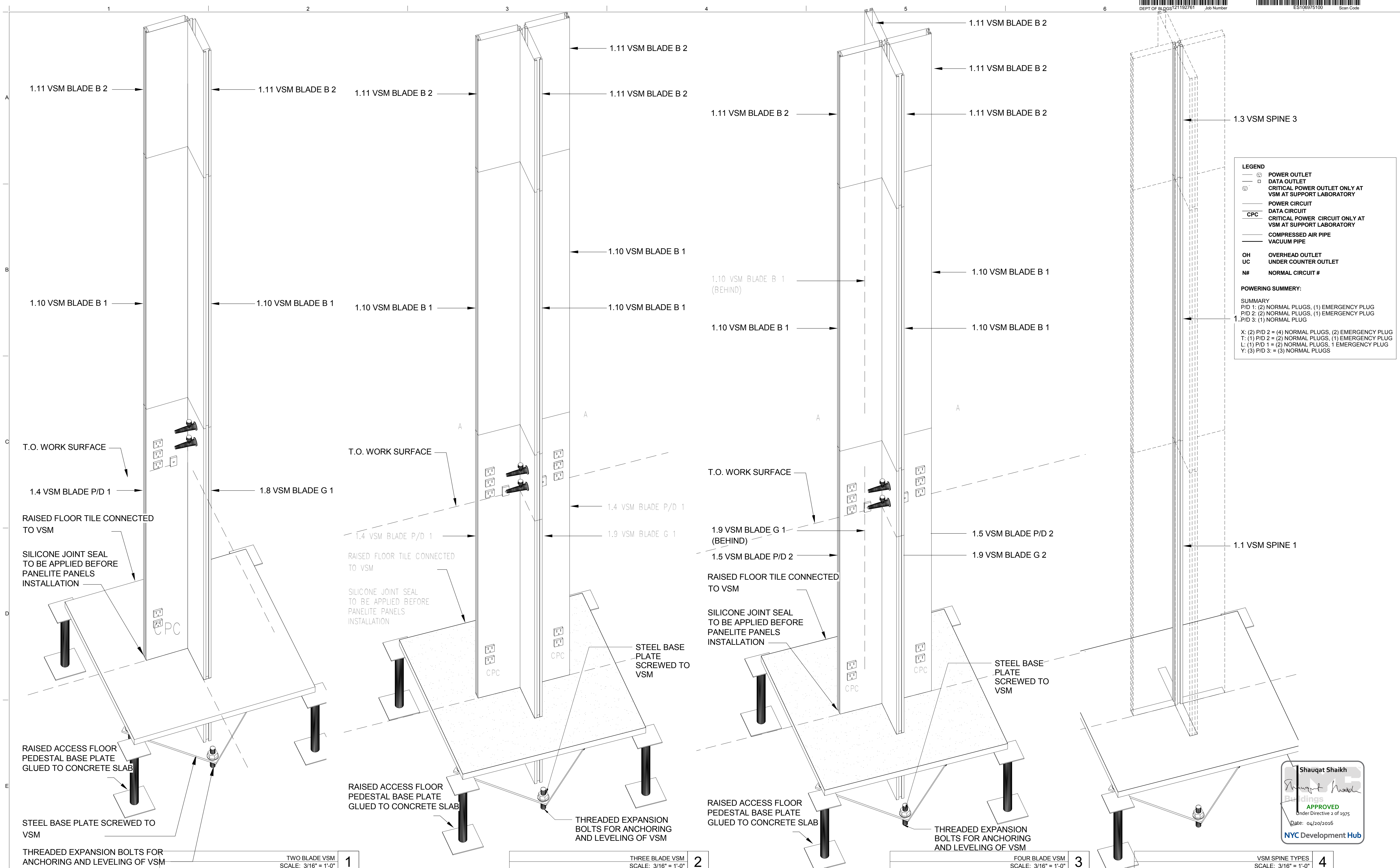
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REV	DESCRIPTION	DATE	ARCHITECT'S PROJECT NUMBER	DRAWING TITLE
1	PROGRESS SET	30-OCT-15	664.100	VSM BLADES, P/D 1, P/D 2, G1, G2, L B1, B2, AND POWER DISTRIBUTION ELEVATIONS
2	DOB SUBMISSION -RB	16-DEC-15		

SHAUQAT SHAIKH
 Buildings APPROVED Under Directive 2 of 1975 Date: 04/30/2016 NYC Development Hub

A-734.00
 Sheet 289 of 315



TWO BLADE VSM SCALE: 3/16" = 1'-0" **1** THREE BLADE VSM SCALE: 3/16" = 1'-0" **2** FOUR BLADE VSM SCALE: 3/16" = 1'-0" **3** VSM SPINE TYPES SCALE: 3/16" = 1'-0" **4**

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 Date: 04/30/2016
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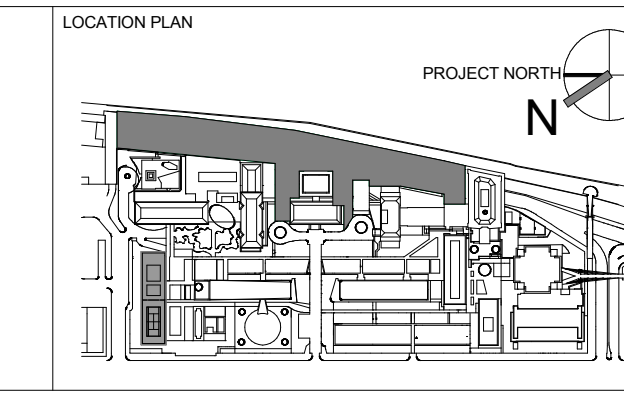
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ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100
 DRAWING SIZE
 24" x 36"
 DRAWING SCALE
 As indicated
 PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
VSM BLADES, P/D 1, P/D 2, G1, G2, L B1, B2, AND VSM SPINES PERSPECTIVE VIEW
 DRAWING NUMBER
A-735.00
 Sheet 290 of 315
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GROUPS	BENCH GROUP A	BENCH GROUP B	BENCH GROUP C	WRITE-UP DESK GROUP A1	BASE BID-SUPPORT LABORATORY	Miscellaneous Parts/Pieces	GRAND TOTAL (APPROVED LAYOUT)
Number of Benches	3	118	1	72			
COMPONENTS							
1.1 VSM SPINE 1 (BASE 5'-1") 5'-4" High	12	472	3	216			703
1.2 VSM SPINE 2 (MID 5'-2") 4'-0" High	12	472	3	144			631
1.3 VSM SPINE 3 (TOP 5'-3") 2'-0" High							0
1.3.5 VSM "Y" SPINE (BASE) 5'-4" High				0			0
1.4 VSM BLADE P/D 1 (BENCHES/LAB SUPPORT) 5'-4" High	18		4				22
1.5 VSM BLADE P/D 2 (BENCHES/LAB SUPPORT) 5'-4" High		708					708
1.6 VSM BLADE P/D 3 (WRITE-UP) 5'-4" High				288			288
1.7 VSM BLADE P/D 4							0
1.8 VSM BLADE G 1 (BASE) 5'-4" High							0
1.9 VSM BLADE G 2							0
1.10 VSM BLADE B 1 (BASE) 5'-4" High	12	944	6	288			1250
1.11 VSM BLADE B 2 (MID) 4'-0" High	30	1652	10				1692
1.12 VSM BLADE B 3 (TOP) 2'-0" High		0	0	0			0
1.13 VSM BLADE B 4 (BASE) 4'-0" High "Floor Mounted"	0	0	0	720			720
1.14 VSM BLADE E 1 (BASE, MID) 4'-0" High, Termination End Adapter (included in overall price)	24	1888	12	648			2572
1.14 VSM BLADE E 2 (TOP) 2'-0" High, Termination End Adapter	0	0	0	0			0
2.1 TRANSLUCENT WALL PANEL - 5'-0" L X 4'-0" H (WP-1)	0	0	0	0			0
2.2 TRANSLUCENT WALL PANEL - 5'-0" L X 2'-0" H (WP-2)	0	0	0	0			0
2.3 TRANSLUCENT WALL PANEL - 4'-0" L X 4'-0" H (WP-3)	0	0	0	0			0
2.4 TRANSLUCENT WALL PANEL - 4'-0" L X 2'-0" H (WP-4)	0	0	0	0			0
2.5 TRANSLUCENT WALL PANEL - 2'-0" L X 2'-0" H (NOT USED)	0	0	0	0			0
2.6 TRANSLUCENT WALL PANEL - 4'-6" L X 4'-0" H (WP-6)	0	0	0	0			0
2.7 TRANSLUCENT WALL PANEL - 5'-0" L X 4'-0" H (WP-5) LAB SUPPORT	0	0	0	0			0
2.71 TACKABLE PANEL - 3'-0" L X 1'-6" H (WP-7) WRITE-UP DESK				288			288
2.72 SOLID PANEL - 3'-0" L X 2'-6" H (WP-8) WRITE-UP DESK				288			288
2.8 TRANSLUCENT WALL W/ SLIDING DOOR (OMIT)							0
2.7 TRANSPARENT INFILL PANEL AT HOL							0
2.9 TRANSLUCENT DOOR W/ PUSHING DOOR HARDWARE (OMIT)							0
3.0 6'-0" L X 2'-6" D WORKSTATION							0
3.0A 6'-0" L X 2'-6" D WORKSTATION (ALTERNATE) SINK INCORPORATED-NON MOVEABLE (SEE NOTE #4)							0
3.1 WORK SURFACE - 6'-0" L X 2'-6" D (CT-1)	9	708	4				721
3.1A WORK SURFACE WITH SINK INCORPORATED - 6'-0" L X 2'-6" D (CT-1A)	0	0	0				0
3.2 WORK SURFACE - 4'-0" L X 2'-6" D (CT-2)				576			576
3.3 WORK SURFACE, OFFICE - 8'-0" L X 2'-6" D							0
3.4 WORK SURFACE AT WRITE-UP DESK - 1'-6" X 1'-6" X 2'-1" X 2'-1" (CT-3) (omit)							0
3.5 WORK SURFACE AT WRITE-UP DESK - 1'-6" X 1'-6" X 2'-1" X 2'-1" (CT-4) (omit)							0
4.1 SHELF, 1'-0" X 6'-0" (SH-1)	18	1416	4	288			1724
4.2 SHELF WITH BUILT-IN TASK LIGHT - 1'-0" X 6'-0" (LF-1)	9	708	4				721
4.3 SHELF, 1'-0" X 4'-0" (SH-2)							0
4.4 SHELF WITH BUILT-IN TASK LIGHT - 1'-0" X 4'-0" (LF-2)				288			288
4.5 SHELF WITH BUILT-IN TASK LIGHT - 2'-0" X 4'-0" X 1'-6" X 1'-6"				0			0
4.6 ADJUSTABLE TASK LIGHT - 3'-0" X 1'-6" (WRITE-UP DESKS)				0			0
4.7 ALUM. TOP SHELF - 4'-0" X 2'-0" X 1'-2" X 1'-2" (TS-1)				0			0
4.8 ALUM. TOP SHELF - 4'-0" X 2'-0" X 1'-2" X 1'-2" (TS-2)				0			0
5.1 CABINET WITH SINK - 6'-6" W X 3'-0" H X 2'-6" D (VARYING SIZES)							56
5.1A SINK INCORPORATED WITH COUNTERTOP							51
5.2 UNDERCOUNTER CABINET - 1'-6" W X 2'-4" H X 2'-2" D (BC-1)	9	708	4				721
5.3 UNDERCOUNTER CABINET - 1'-2" W X 2'-0" H X 1'-8" D (BC-2)				576			576
5.4 UNDERCOUNTER CABINET - (ALTERNATE) ON WHEELS (SEE NOTE #2)				0			0
6.1 ACCESSORY WALL							0
6.2 OVERHEAD BENCH LIGHT FIXTURE	0	0	0				0
7.1 POWER OUTLET	72	5664	32	864			6632
7.2 CPO (CRITICAL POWER OUTLET)	18	1416	8				1442
7.3 DATA OUTLET	18	1416	8	432			1874
7.4 GAS VALVE	18	1416	8	0			1442
7.5 NORMAL POWER CIRCUIT	18	1416	8	285.12			1727.12
7.6 CRITICAL POWER CIRCUIT	9	708	4	0			721
7.7 DATA CIRCUIT	18	1416	8	432			1874
7.8 DISTRIBUTION BOX							393
7.9 FUME HOOD							54
7.10 ENVIRONMENTAL ROOM/ COLD ROOMS 10X12							6
7.11 ENVIRONMENTAL ROOM/ COLD ROOMS 10X16							6
7.12 AUTOCLAVE							0

REFER TO SHEET A-722.00 FOR REVISED LAB SUPPORT ELEVATIONS

NOTES:

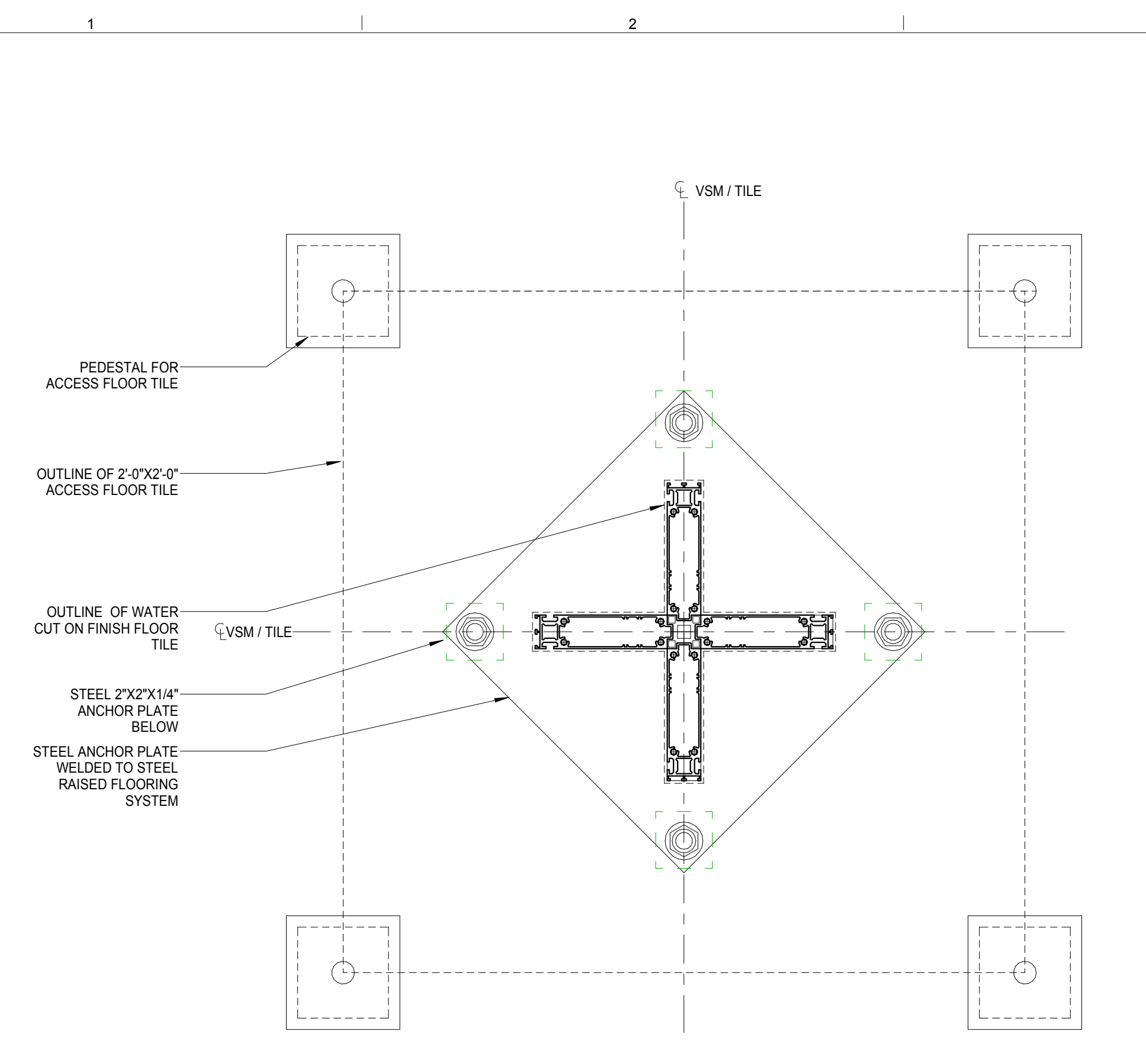
- AT LOCATIONS WHERE SINK IS REQUIRED AS DEPICTED ON CASEWORK PLANS, PROVIDE NON-MOVABLE WORKSTATION AS REQUIRED.
- BASE CABINET- 2 DOOR OPTION, ALUMINUM HANDLES, CABINET LOCK, METAL BASE, SWIVEL CASTER WITH BRAKE, DOOR SOFT CLOSE. AT SINK LOCATION PROVIDE FRONT DOOR OPTION.
- FOR ENVIRONMENTAL ROOM/ COLD ROOM INFORMATION- REFER TO SPEC SECTION 130900 FOR FURTHER INFORMATION
- FOR AUTOCLAVE INFORMATION REFER TO SPEC SECTION 116200.

FOR ALTERNATES OPEN LAB AREA 2,3,4 & 5, REFER TO SHEET A-725 "VSM ALTERNATES."



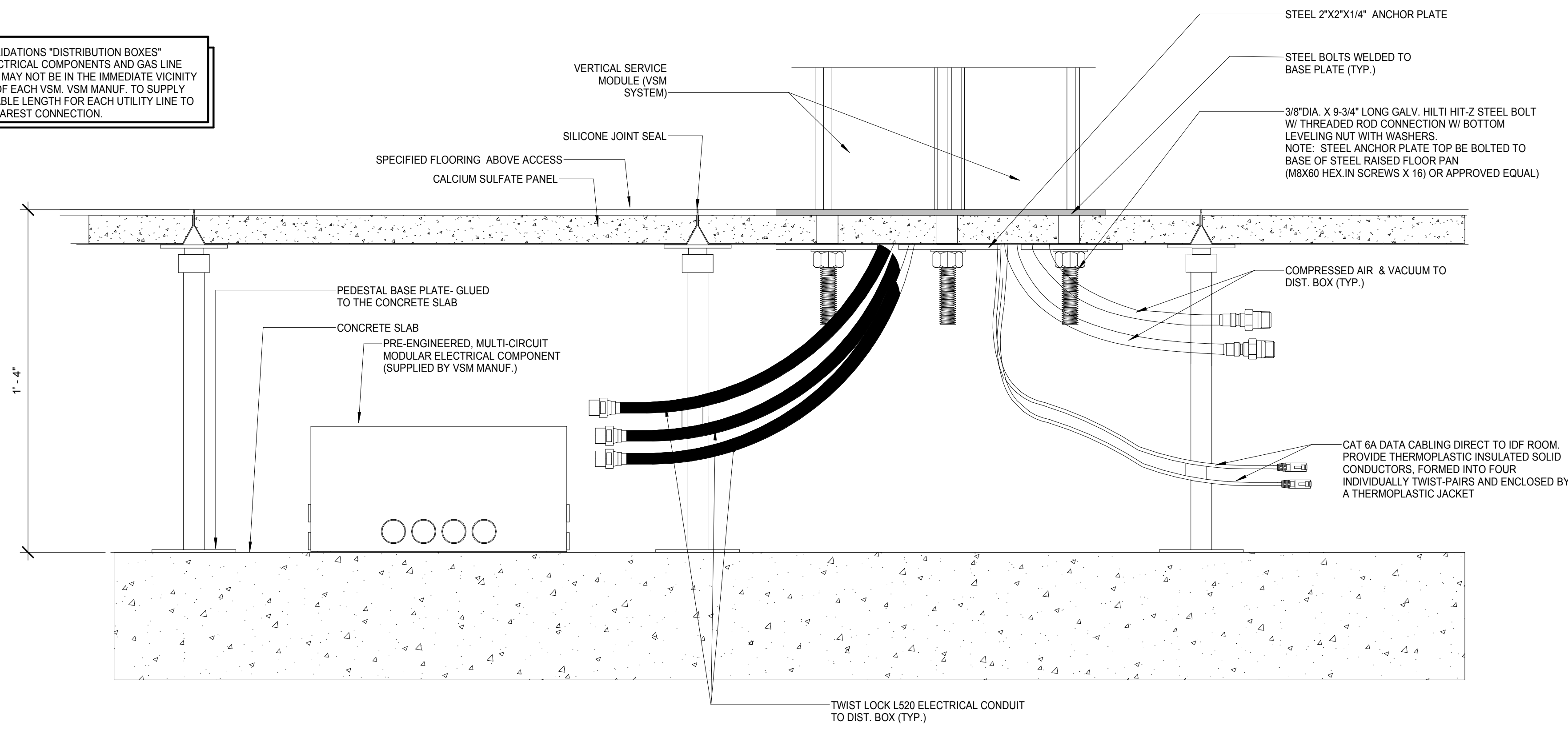
VSM CASE WORK QUANTITIES
SCALE: 12" = 1'-0" **1**

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	REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE																		
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2	DOB SUBMISSION -RB	16-DEC-15																					
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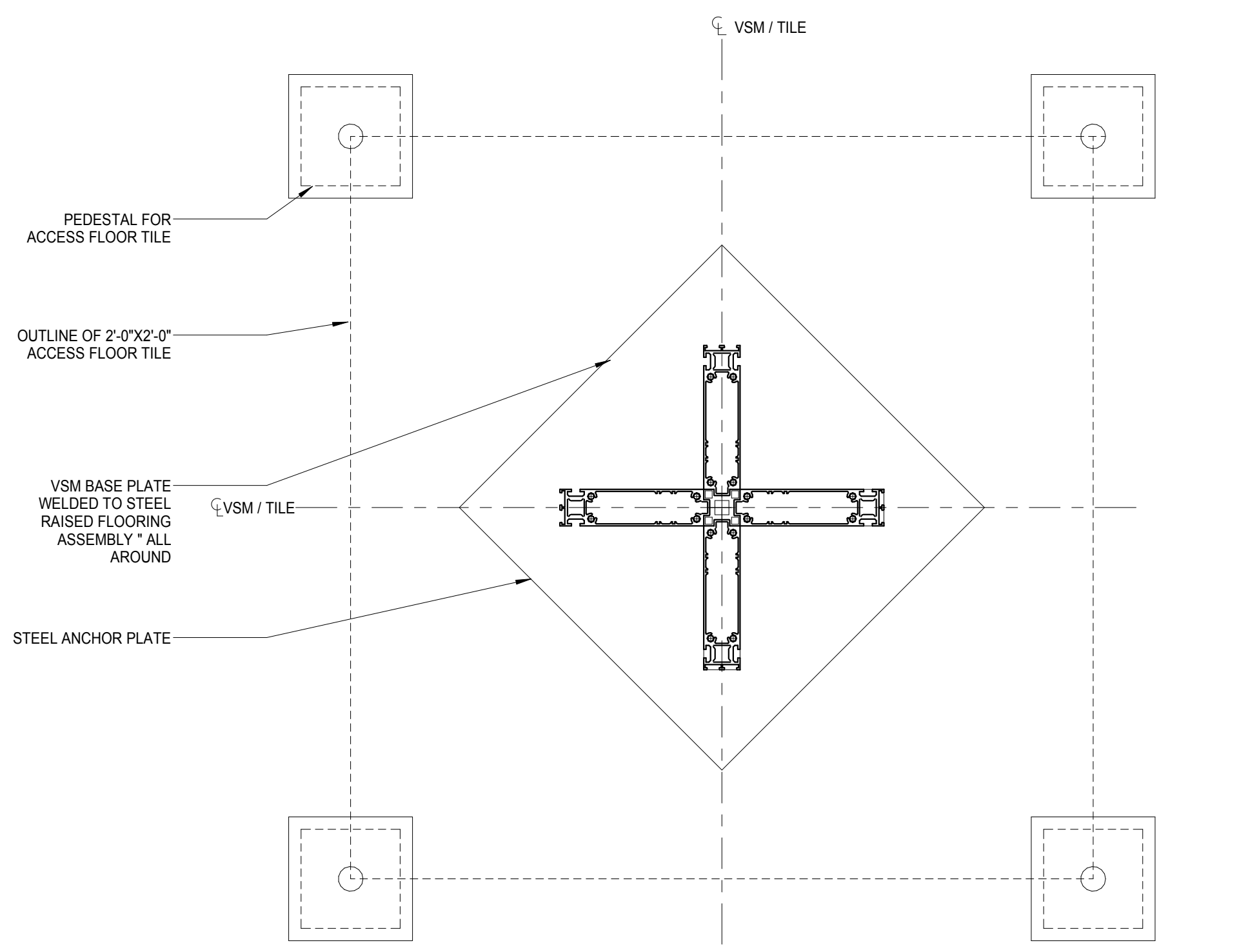


ENLARGED LABORATORY VSM AT TILE "OPTION 2"
SCALE: 3" = 1'-0"

NOTE: CONSOLIDATIONS "DISTRIBUTION BOXES" MODULAR ELECTRICAL COMPONENTS AND GAS LINE CONNECTIONS MAY NOT BE IN THE IMMEDIATE VICINITY OF THE BASE OF EACH VSM. VSM MANUF. TO SUPPLY SUFFICIENT CABLE LENGTH FOR EACH UTILITY LINE TO REACH THE NEAREST CONNECTION.

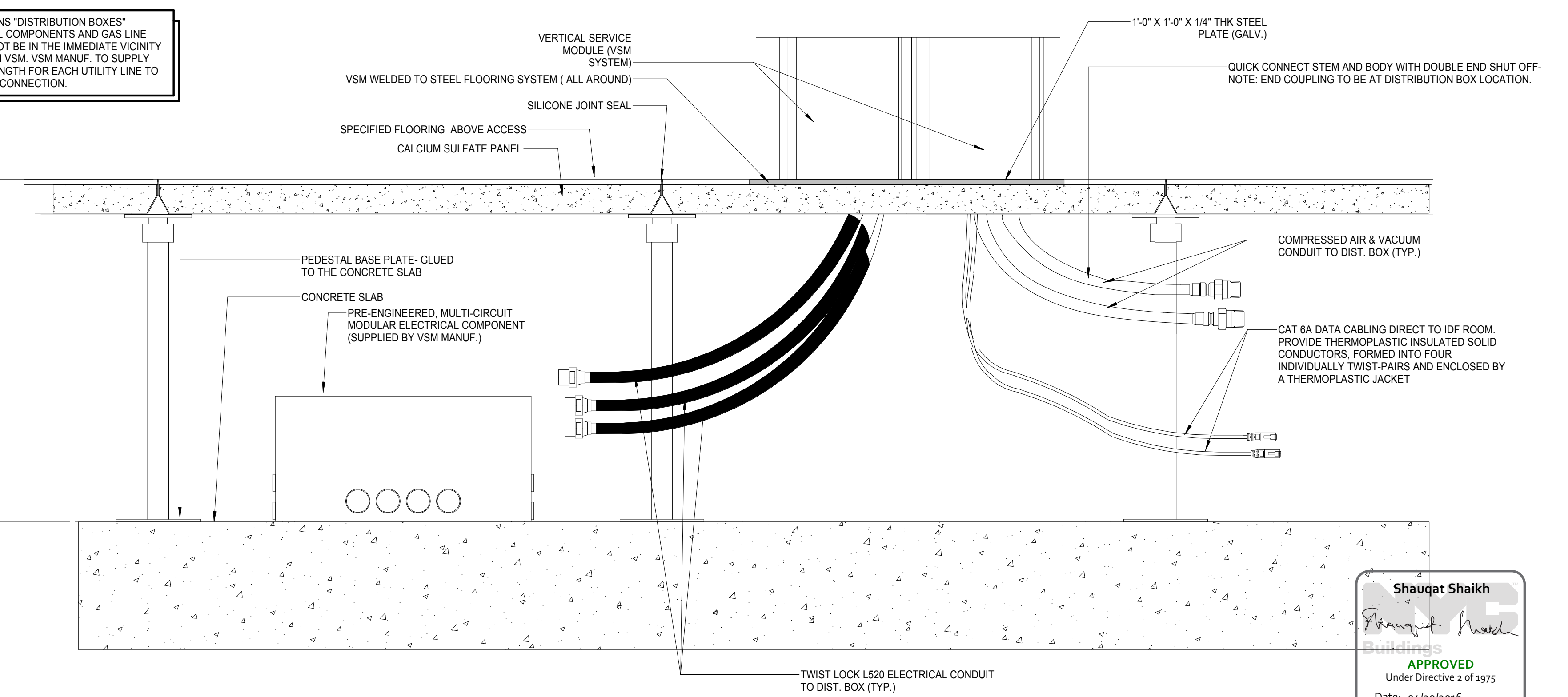


VSM ANCHORAGE TO STRUCTURAL SLAB DETAIL (OPTION 2)
SCALE: 3" = 1'-0"



"ALTERNATE" ENLARGED LABORATORY VSM AT TILE
SCALE: 3" = 1'-0"

NOTE: CONSOLIDATIONS "DISTRIBUTION BOXES" MODULAR ELECTRICAL COMPONENTS AND GAS LINE CONNECTIONS MAY NOT BE IN THE IMMEDIATE VICINITY OF THE BASE OF EACH VSM. VSM MANUF. TO SUPPLY SUFFICIENT CABLE LENGTH FOR EACH UTILITY LINE TO REACH THE NEAREST CONNECTION.



"ALTERNATE" VSM ANCHORAGE TO RAISED FLOORING (OPTION #1)
SCALE: 3" = 1'-0"

Shauqat Shaikh
APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
NYC Development Hub

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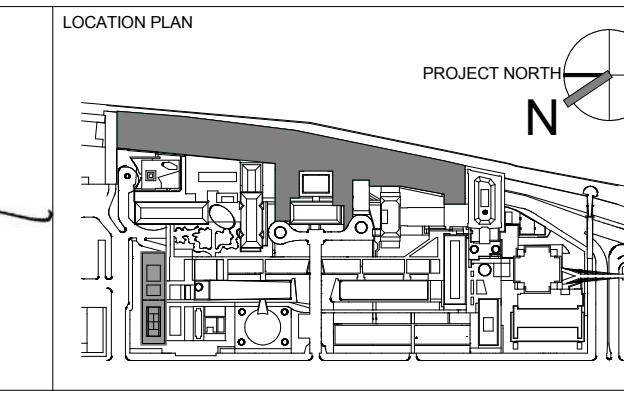
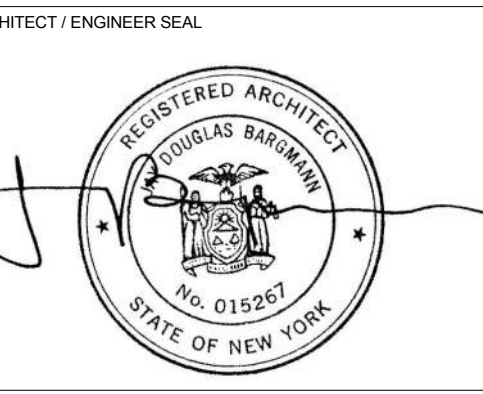
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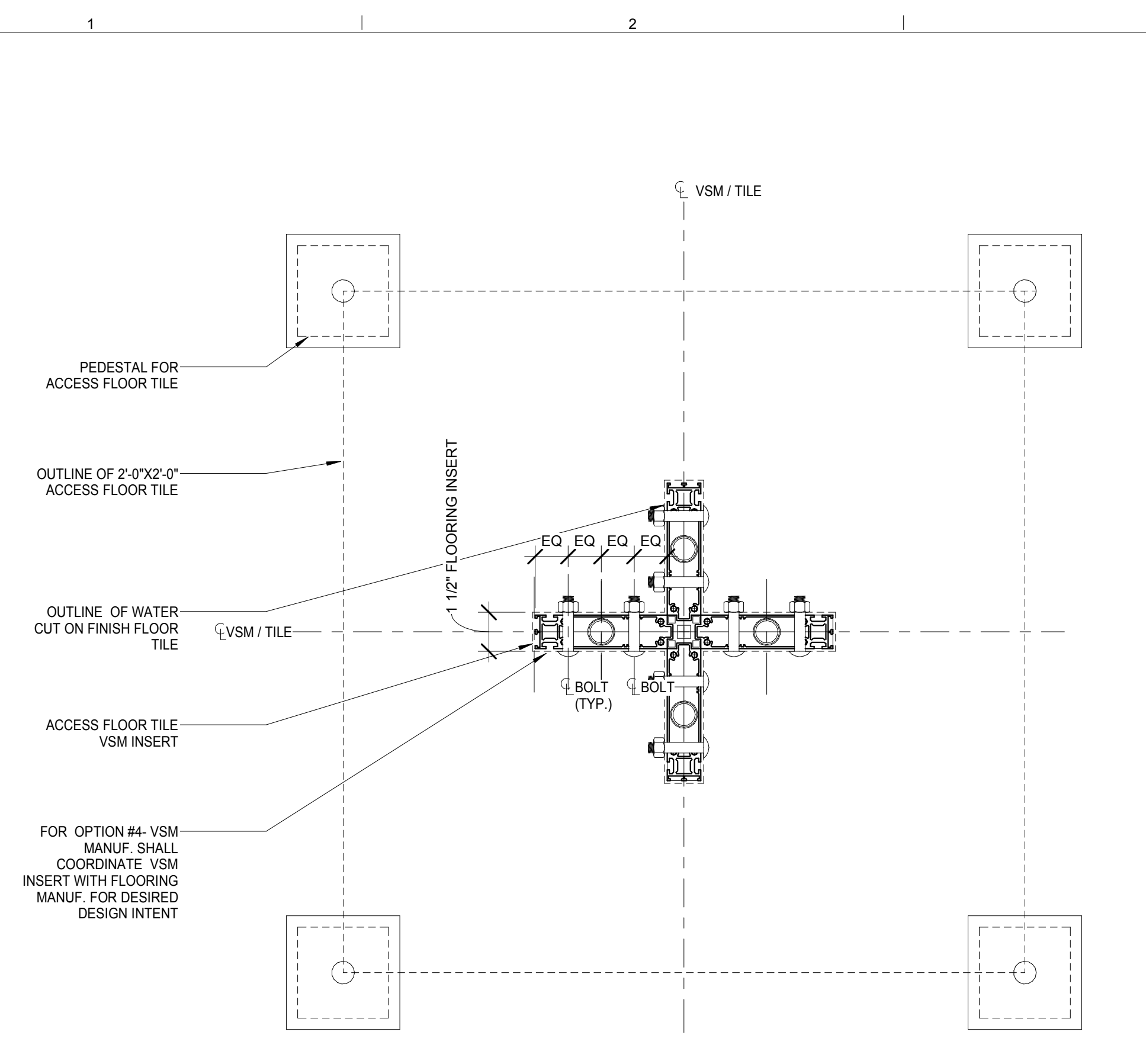


REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER	664.100
DRAWING SIZE	24" x 36"
DRAWING SCALE	3" = 1'-0"
PROJECT PHASE	CONSTRUCTION DOCUMENTS

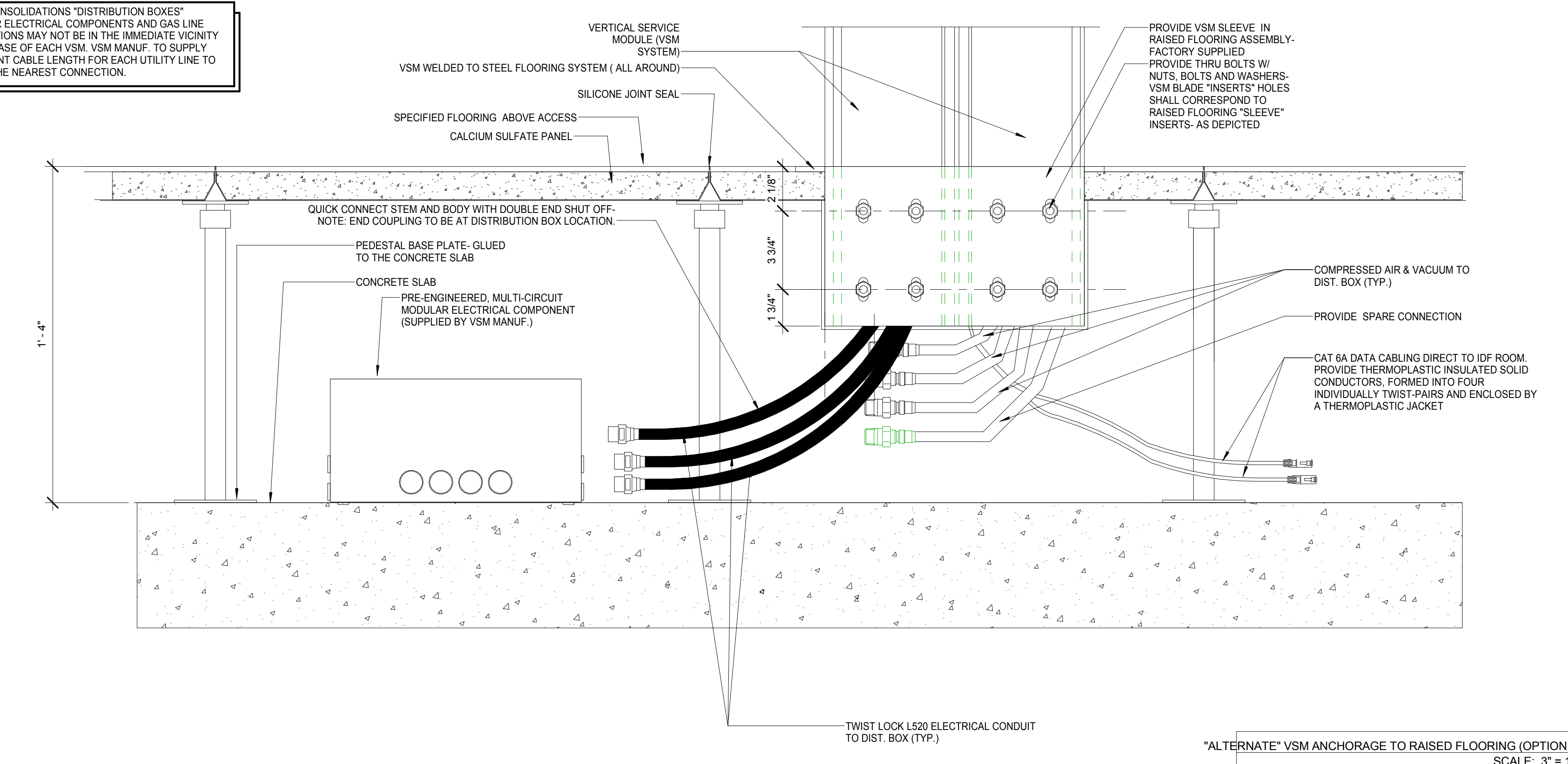
ALTERNATE VSM MOUNTING DETAILS

DRAWING NUMBER: **A-737.00**
Sheet 292 of 315

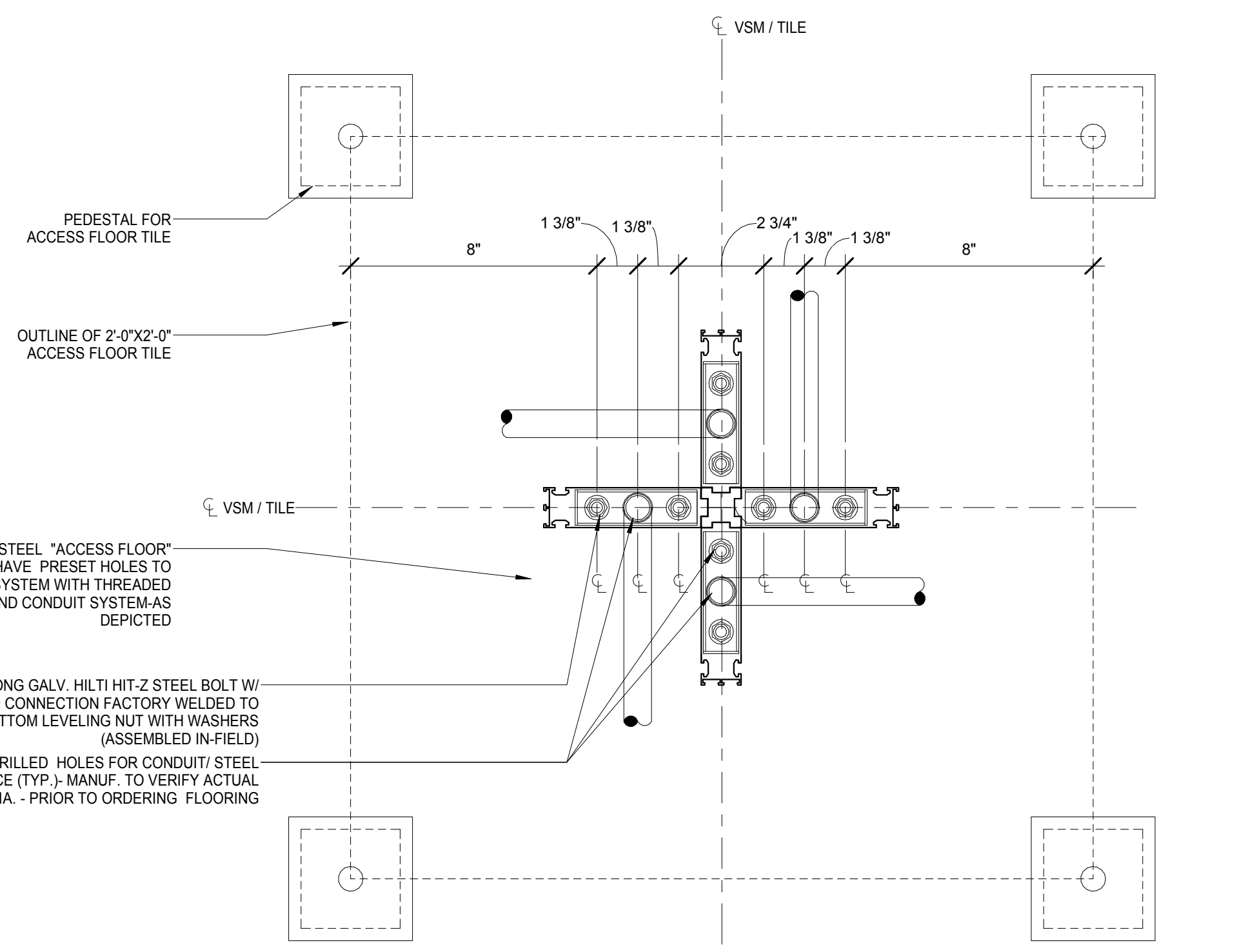


ENLARGED LABORATORY VSM PLAN AT TILE "OPTION 4"
SCALE: 3" = 1'-0" 4

NOTE: CONSOLIDATIONS "DISTRIBUTION BOXES" MODULAR ELECTRICAL COMPONENTS AND GAS LINE CONNECTIONS MAY NOT BE IN THE IMMEDIATE VICINITY OF THE BASE OF EACH VSM. VSM MANUF. TO SUPPLY SUFFICIENT CABLE LENGTH FOR EACH UTILITY LINE TO REACH THE NEAREST CONNECTION.

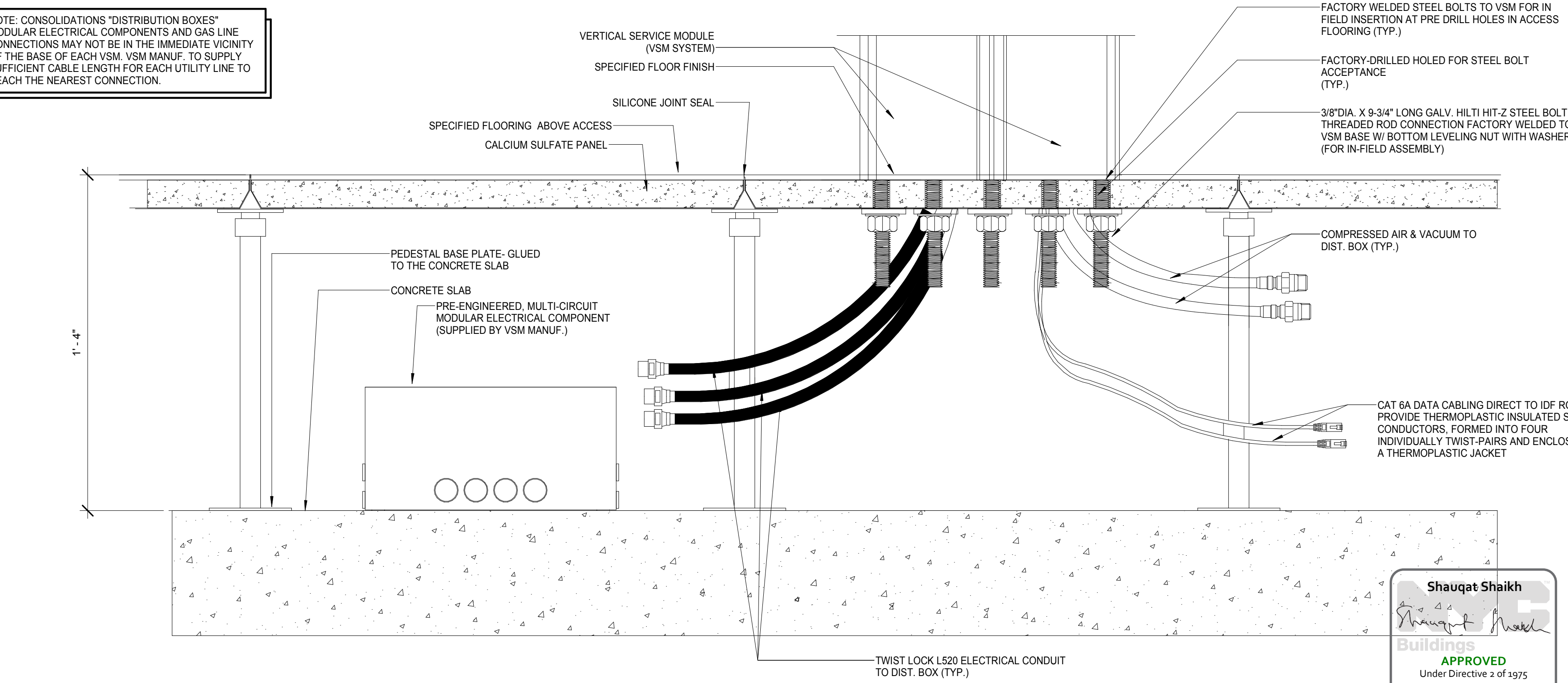


"ALTERNATE" VSM ANCHORAGE TO RAISED FLOORING (OPTION #4)
SCALE: 3" = 1'-0" 3



"ALTERNATE" ENLARGED LABORATORY VSM AT TILE (OPTION #3)
SCALE: 3" = 1'-0" 2

NOTE: CONSOLIDATIONS "DISTRIBUTION BOXES" MODULAR ELECTRICAL COMPONENTS AND GAS LINE CONNECTIONS MAY NOT BE IN THE IMMEDIATE VICINITY OF THE BASE OF EACH VSM. VSM MANUF. TO SUPPLY SUFFICIENT CABLE LENGTH FOR EACH UTILITY LINE TO REACH THE NEAREST CONNECTION.



"ALTERNATE" VSM ANCHORAGE TO RAISED FLOORING (OPTION #3)
SCALE: 3" = 1'-0" 1

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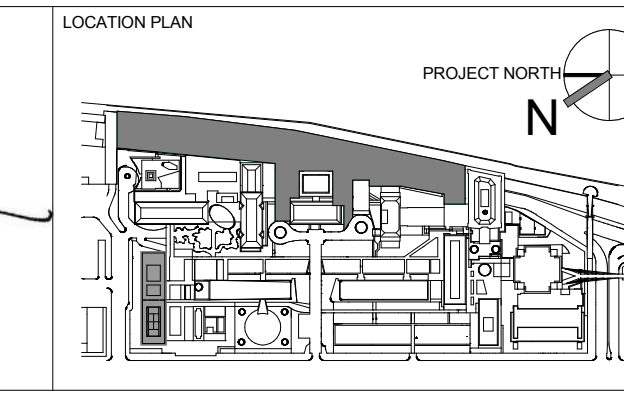
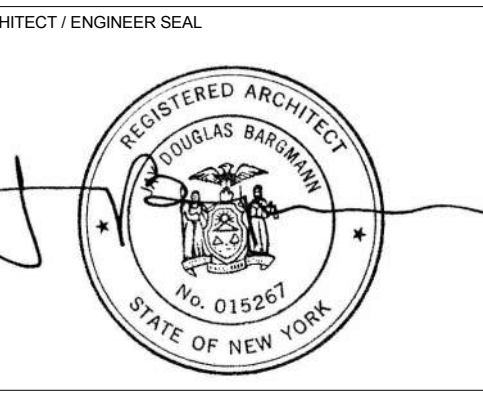
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REV	DESCRIPTION	DATE
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ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
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DRAWING SCALE
3" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

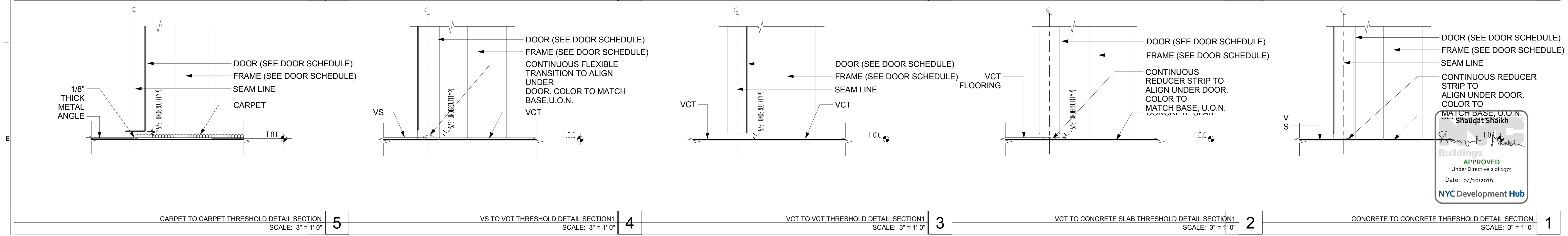
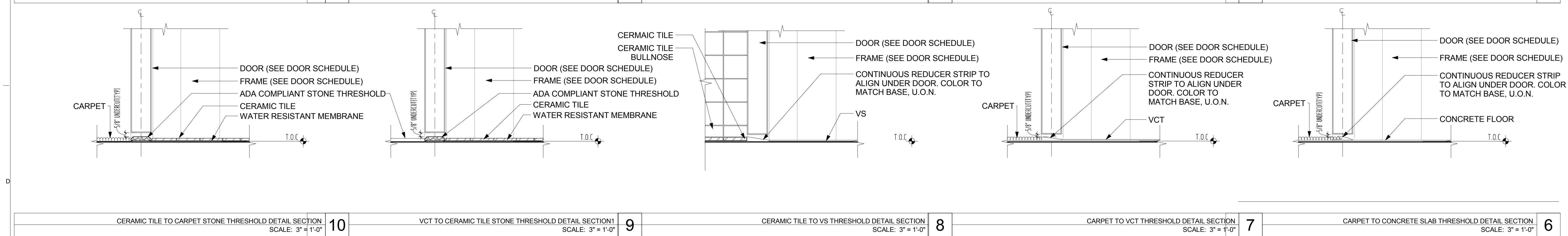
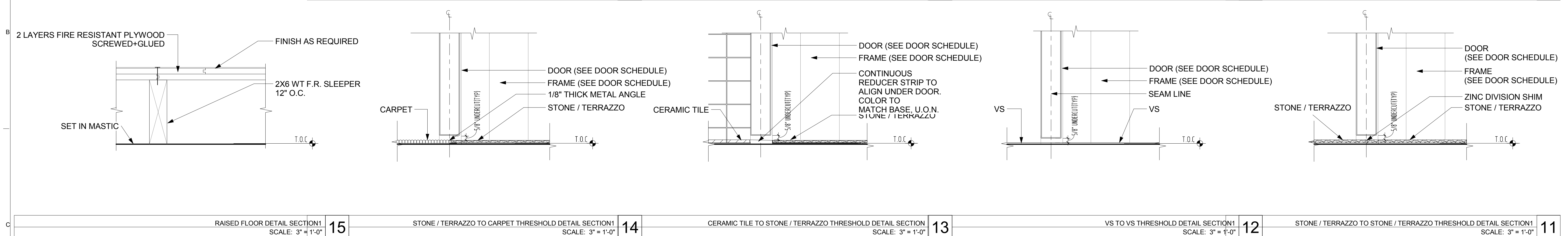
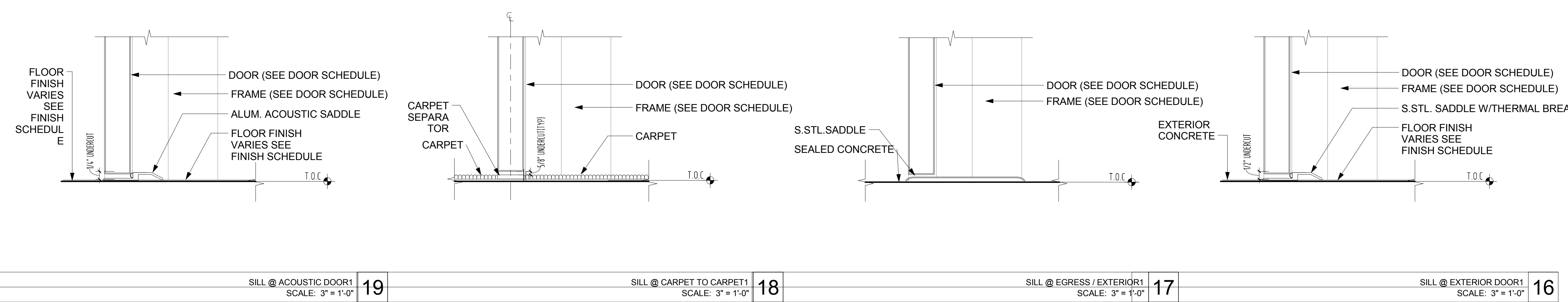
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Sheet 293 of 315

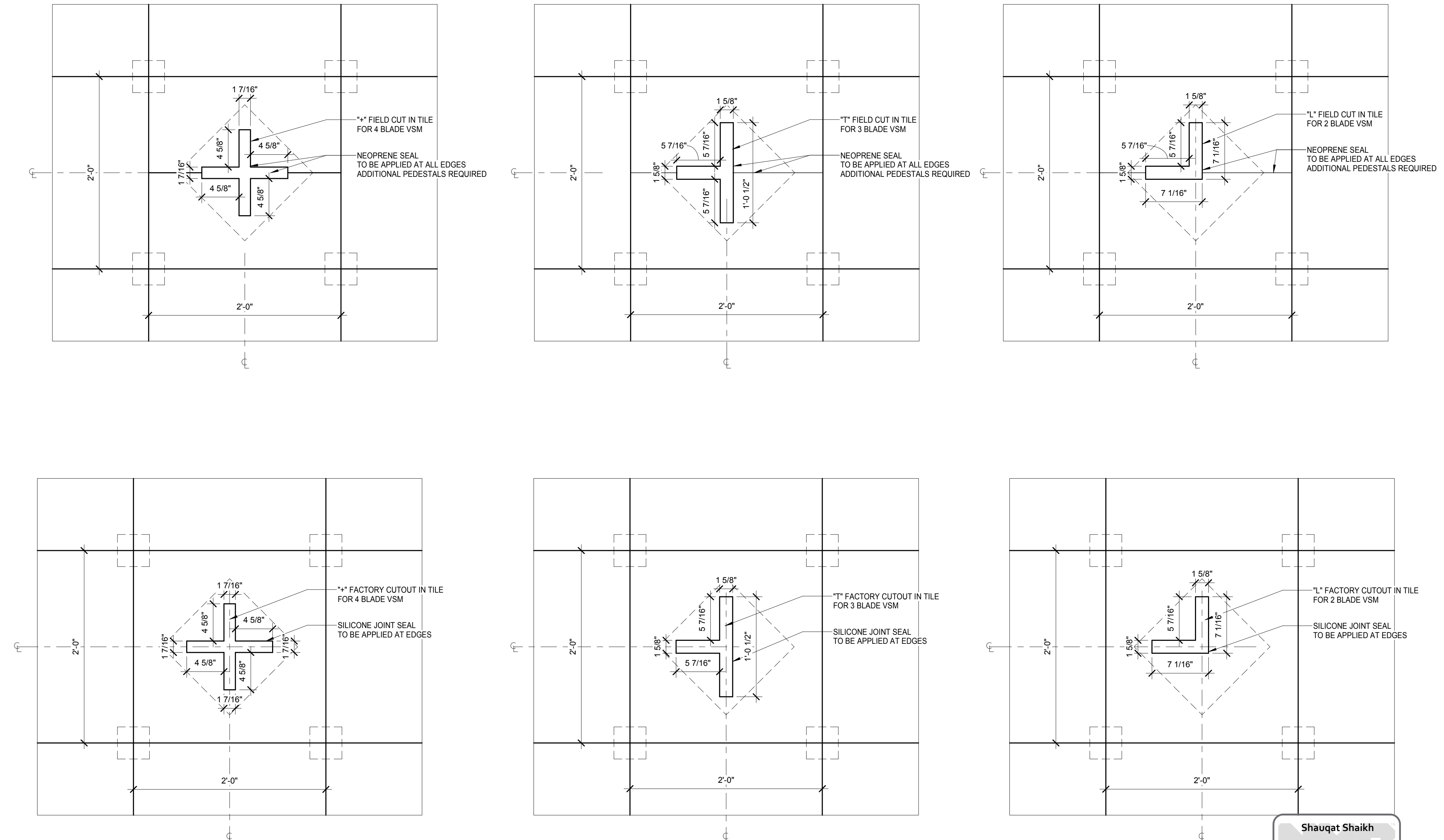
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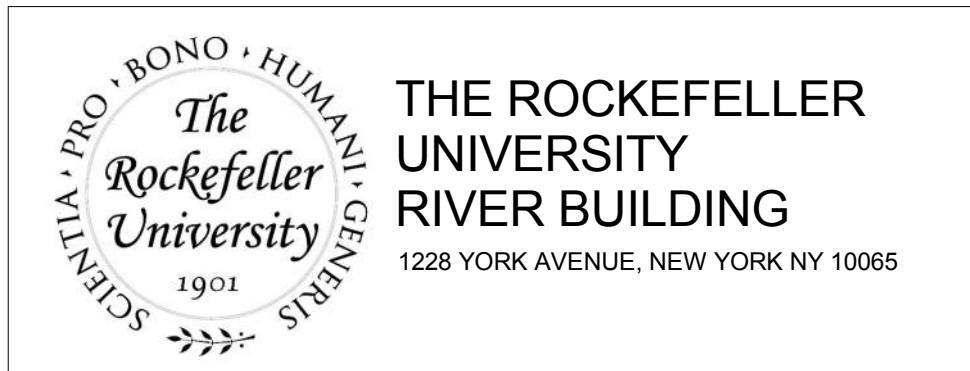


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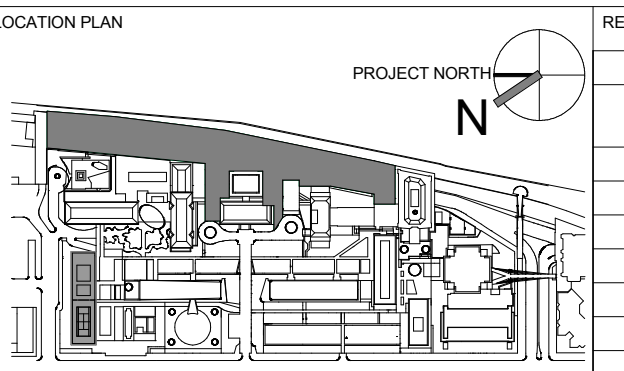
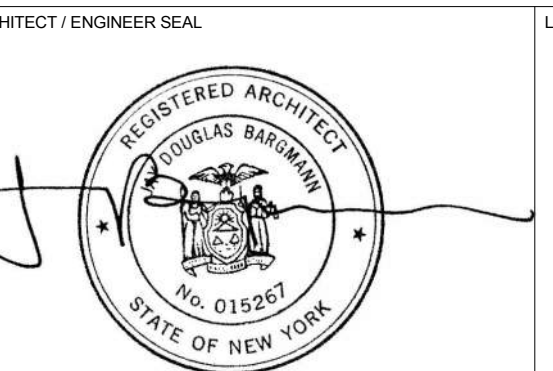
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2	DOB SUBMISSION -RB	16-DEC-15	

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 OPTIONS A & B**

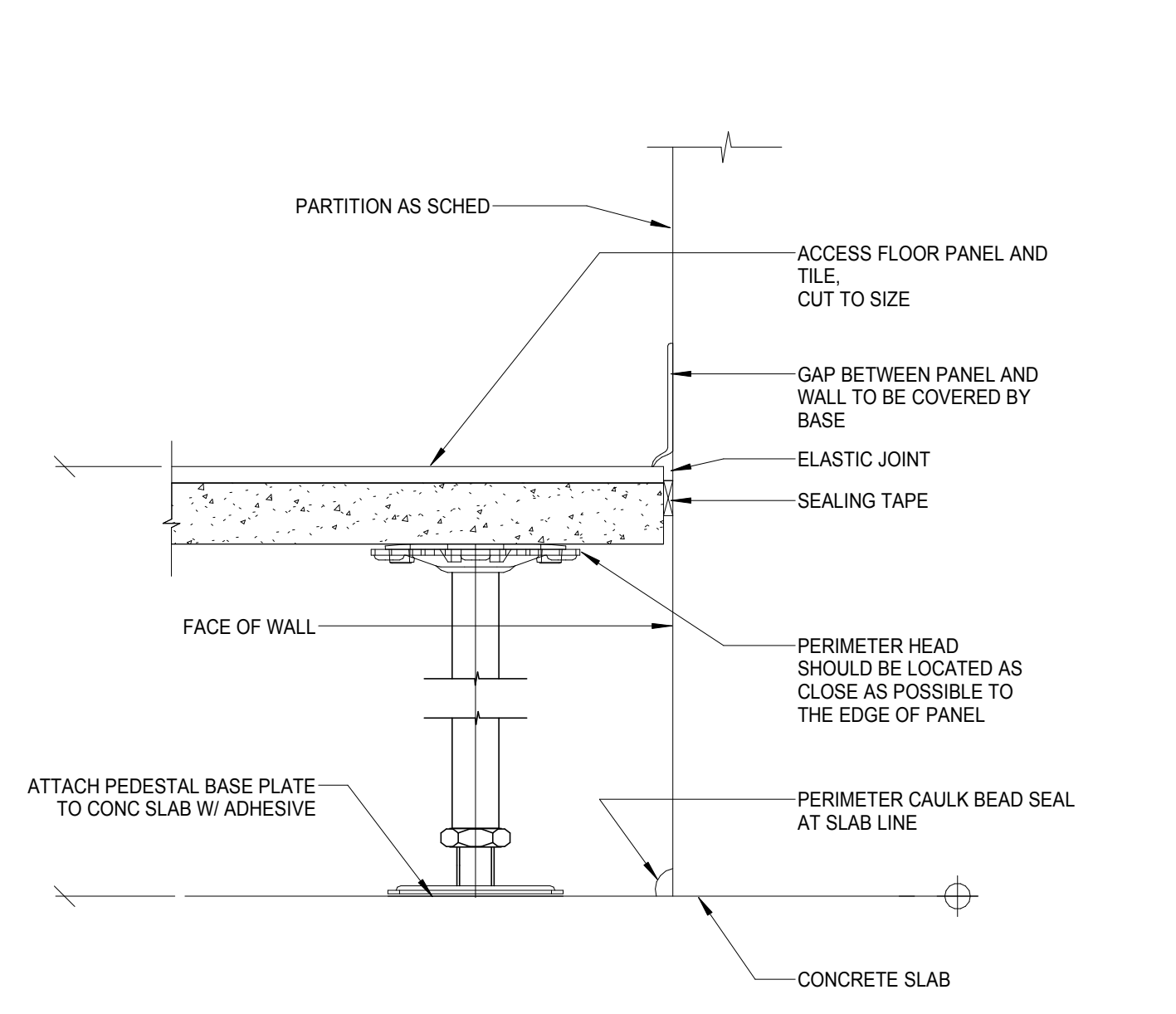
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DRAWING SCALE
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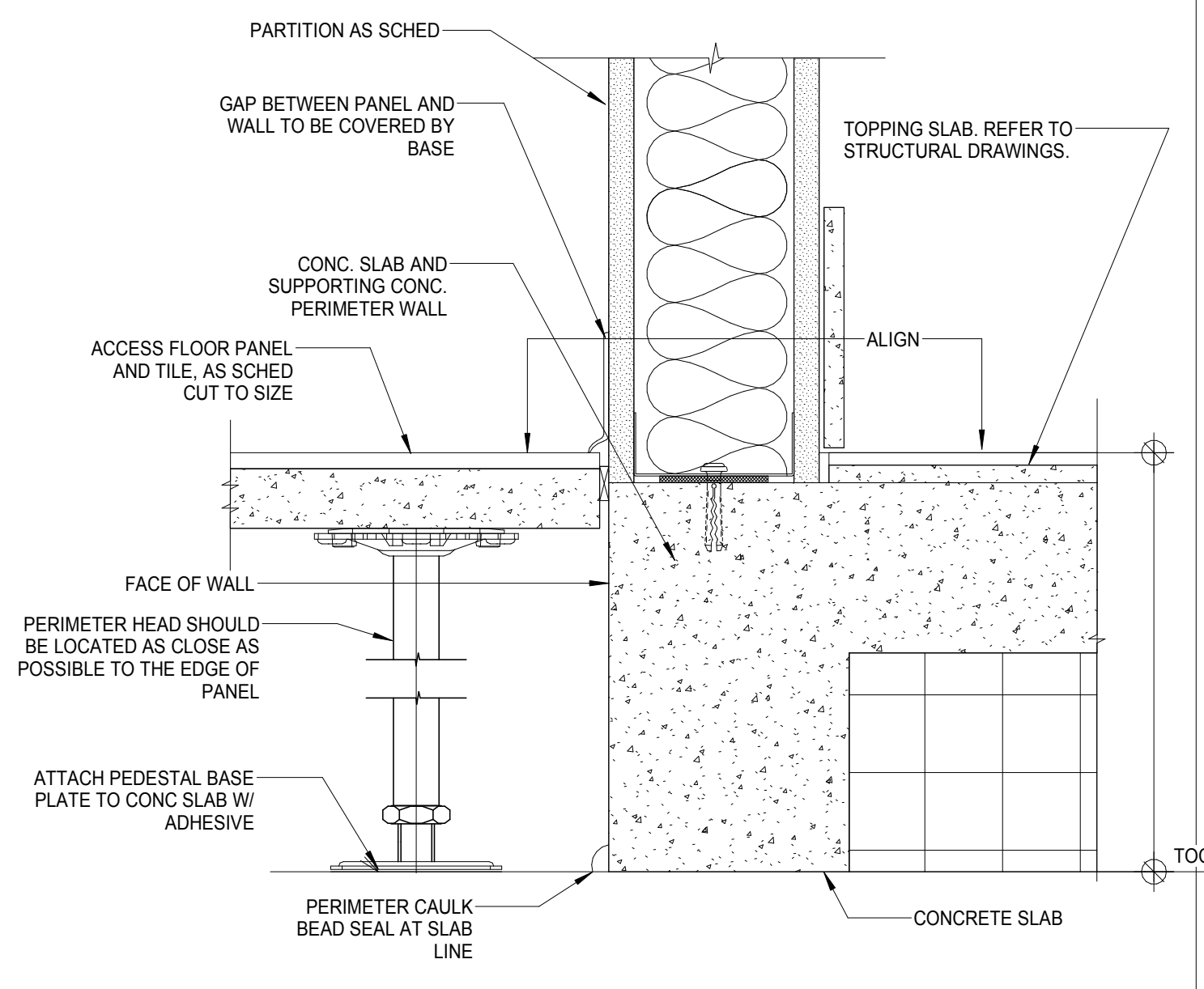
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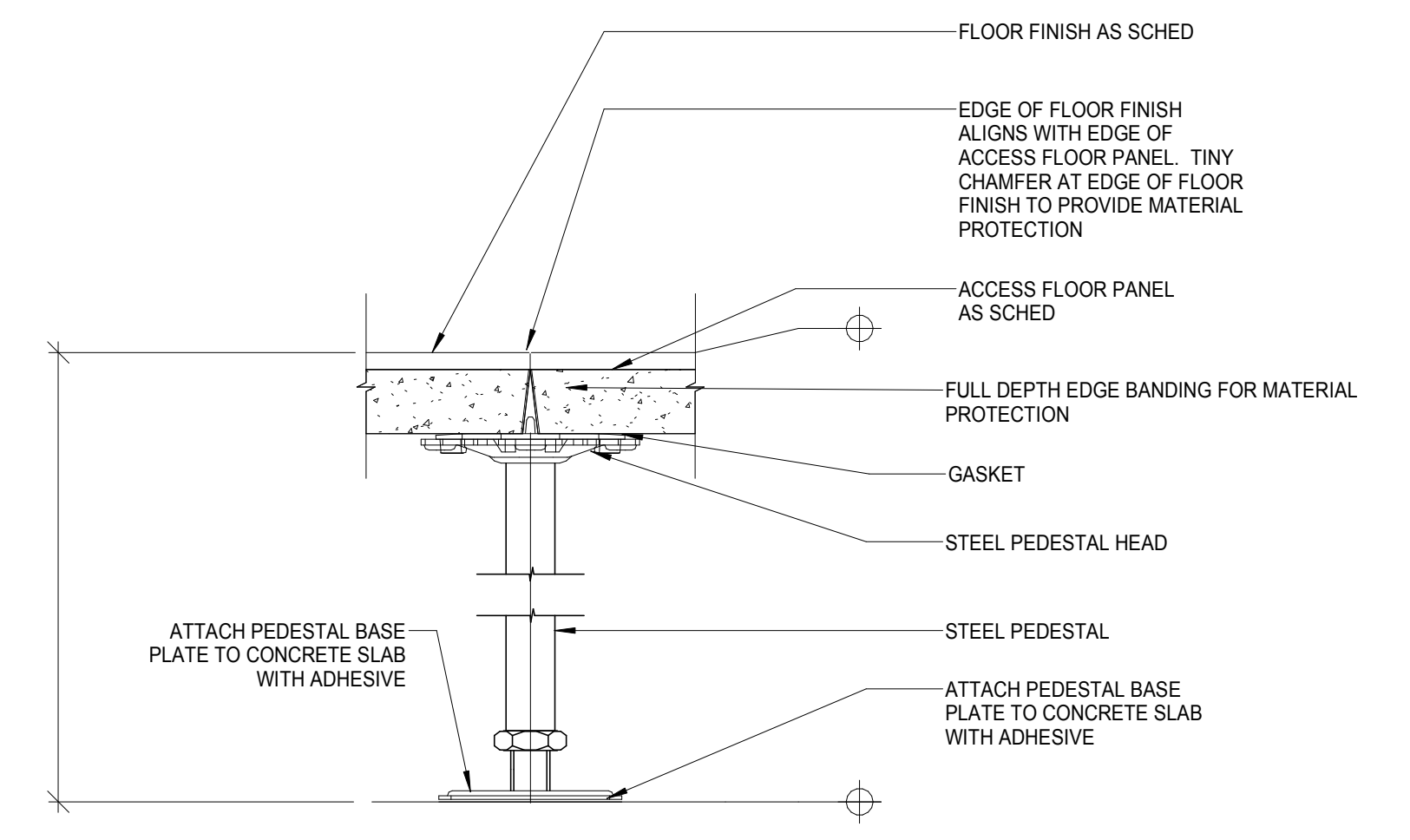
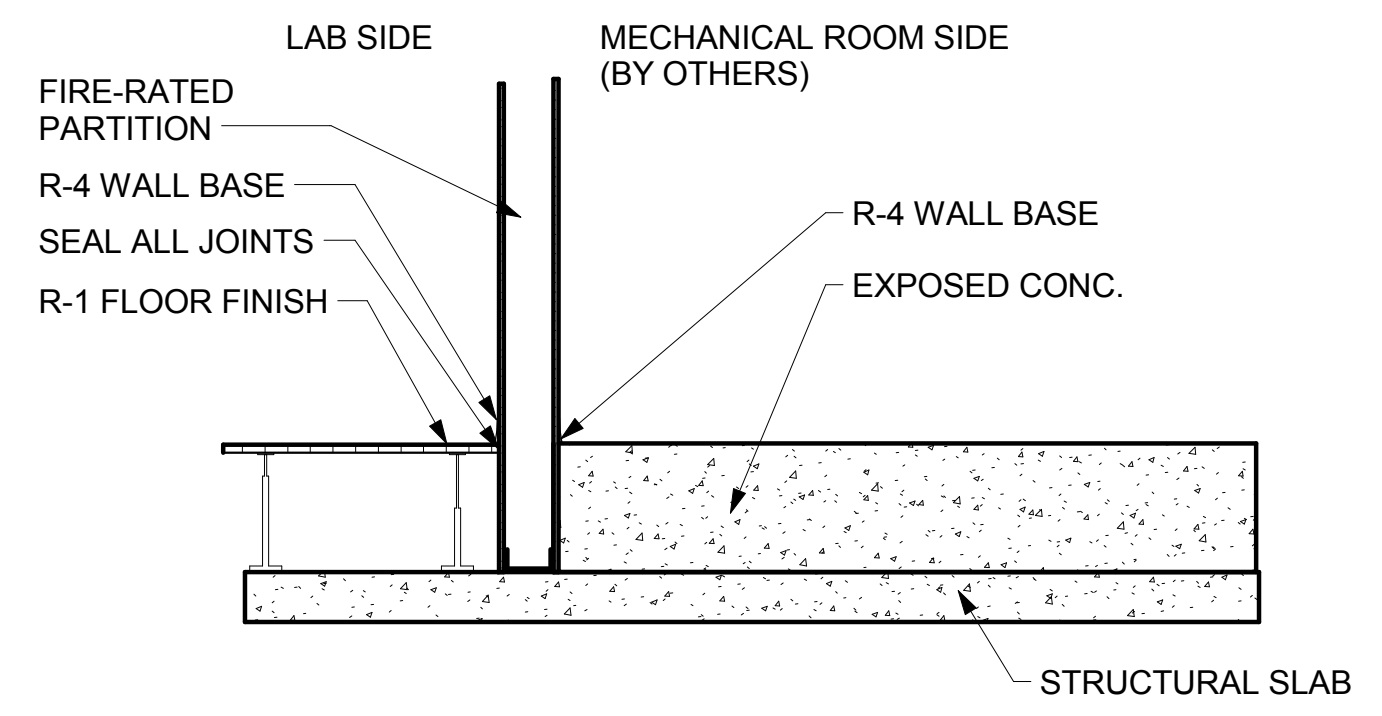
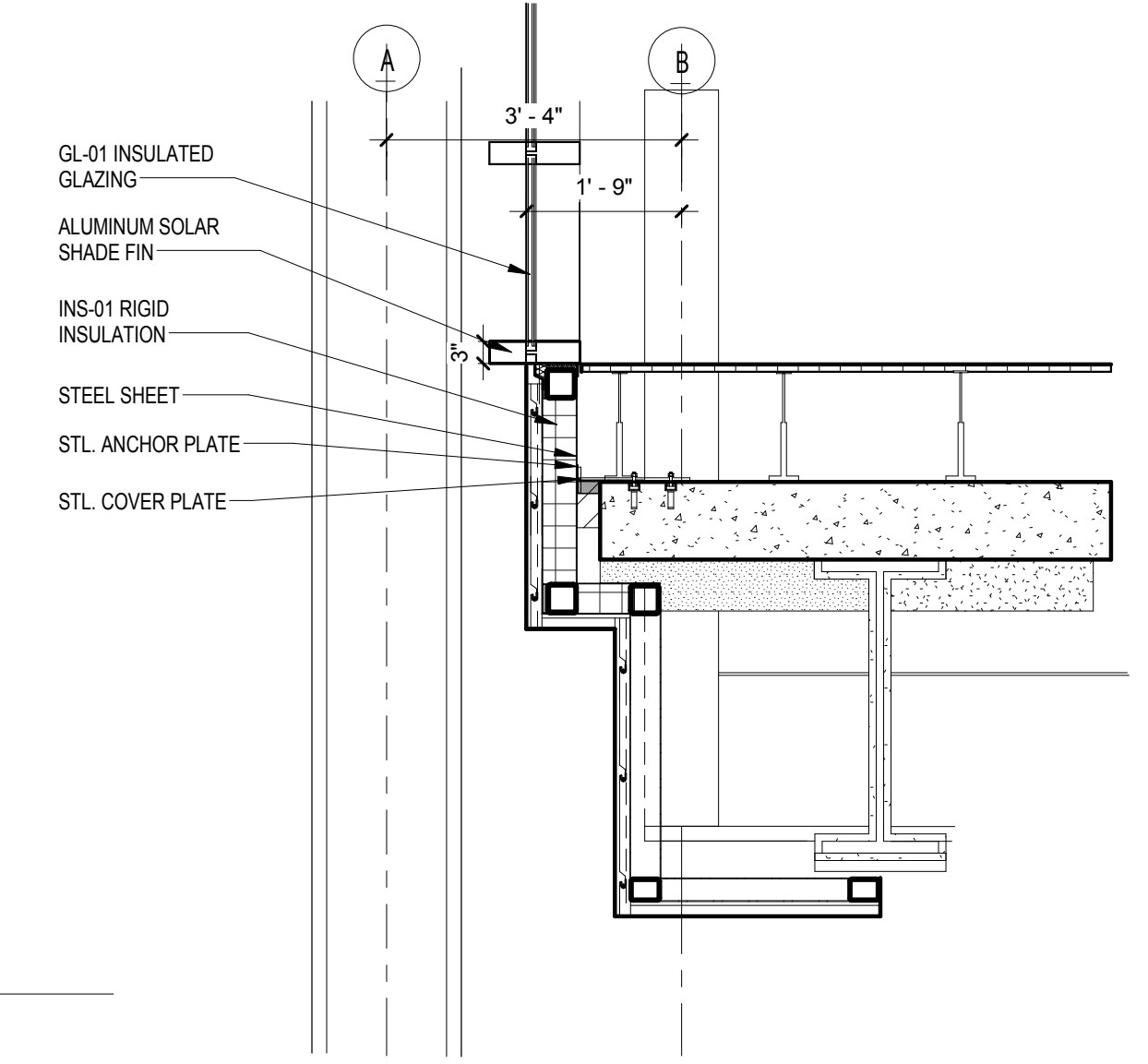
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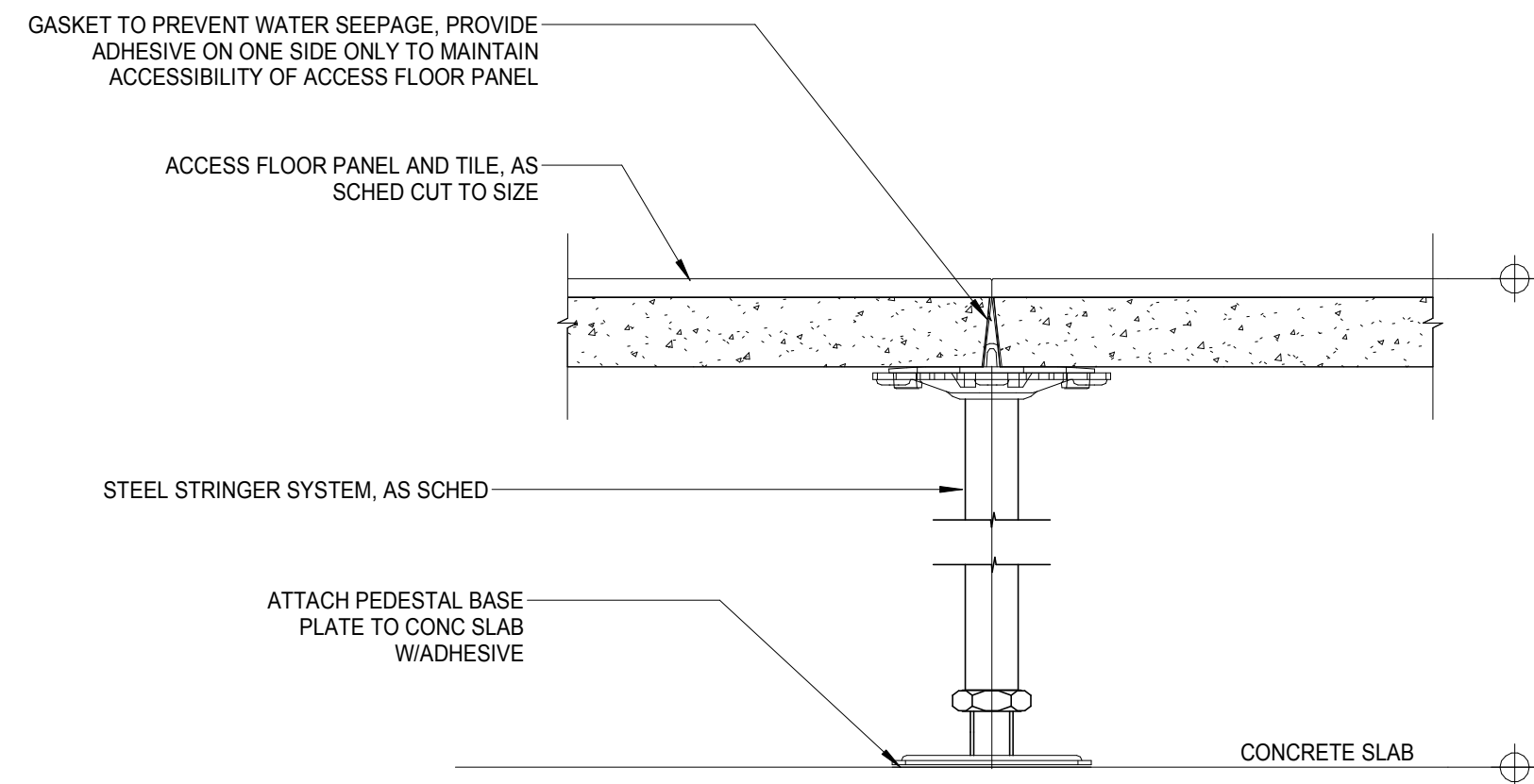
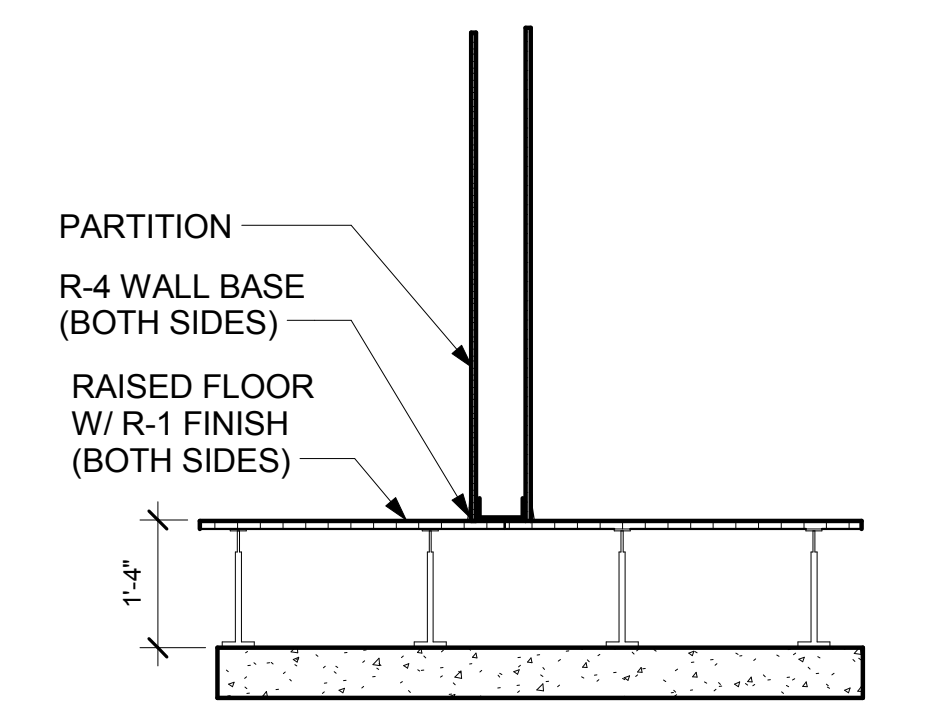
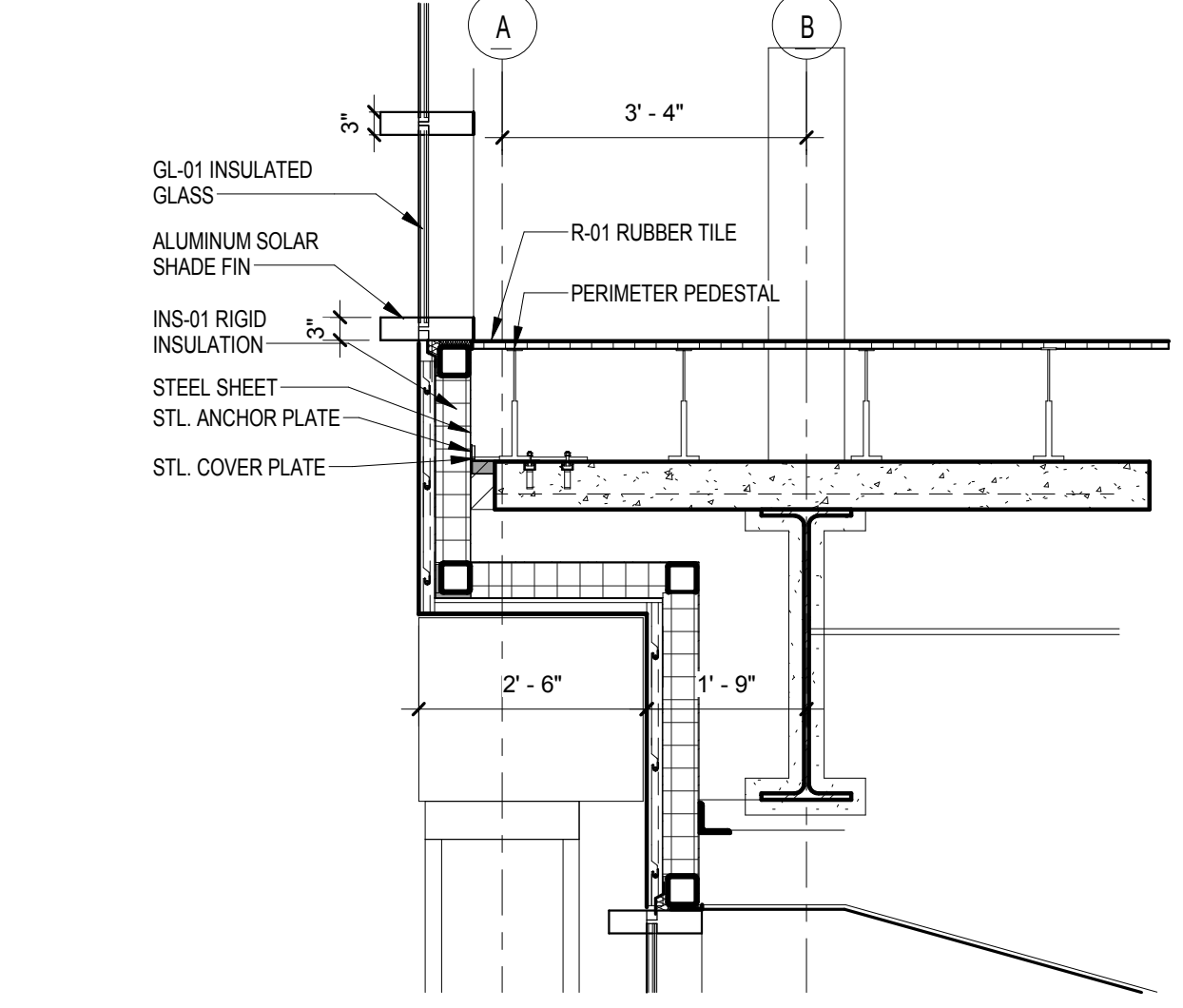
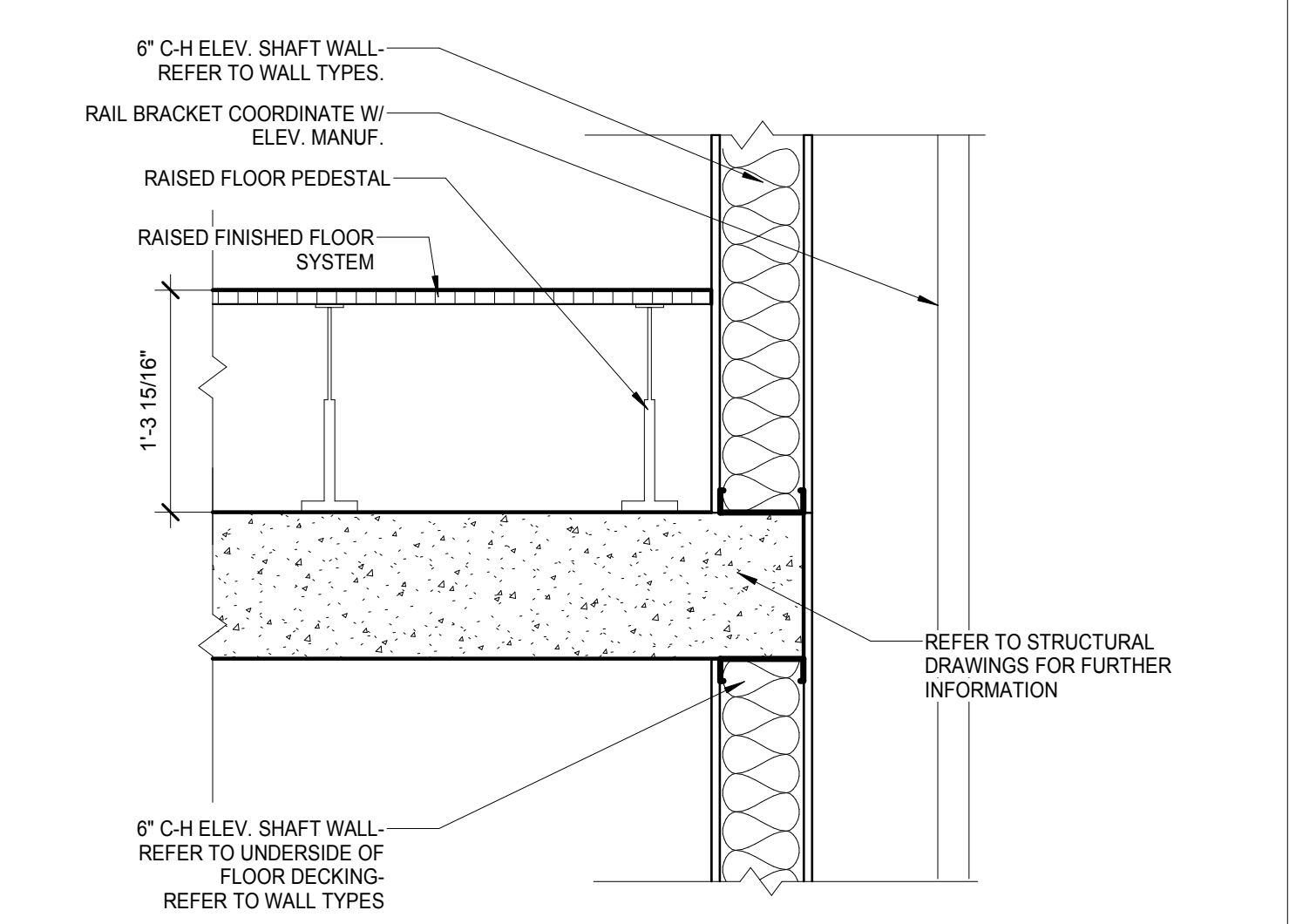
ACCESS FLOOR DETAIL-PERIMETER STRINGER
SCALE: 3" = 1'-0" 12



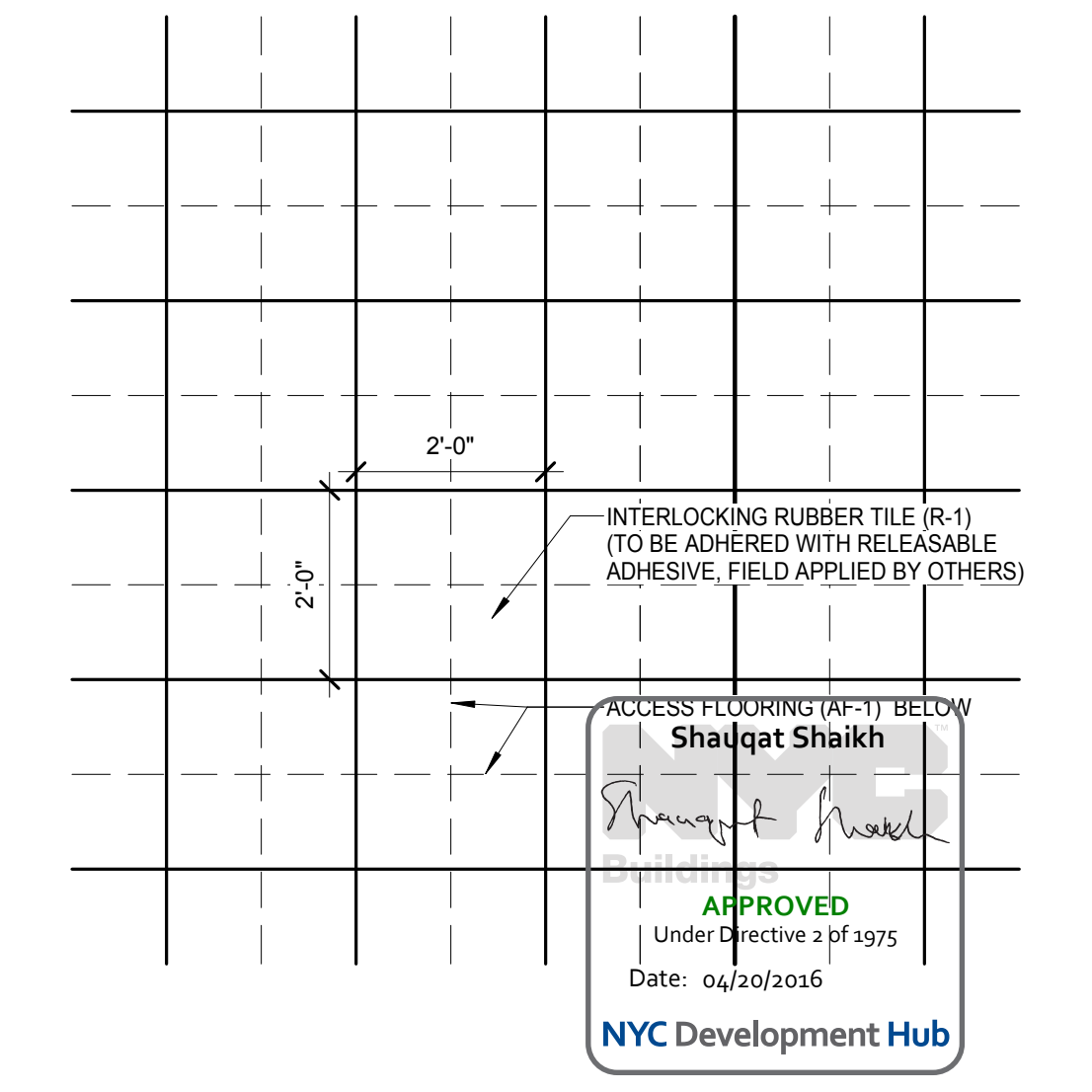
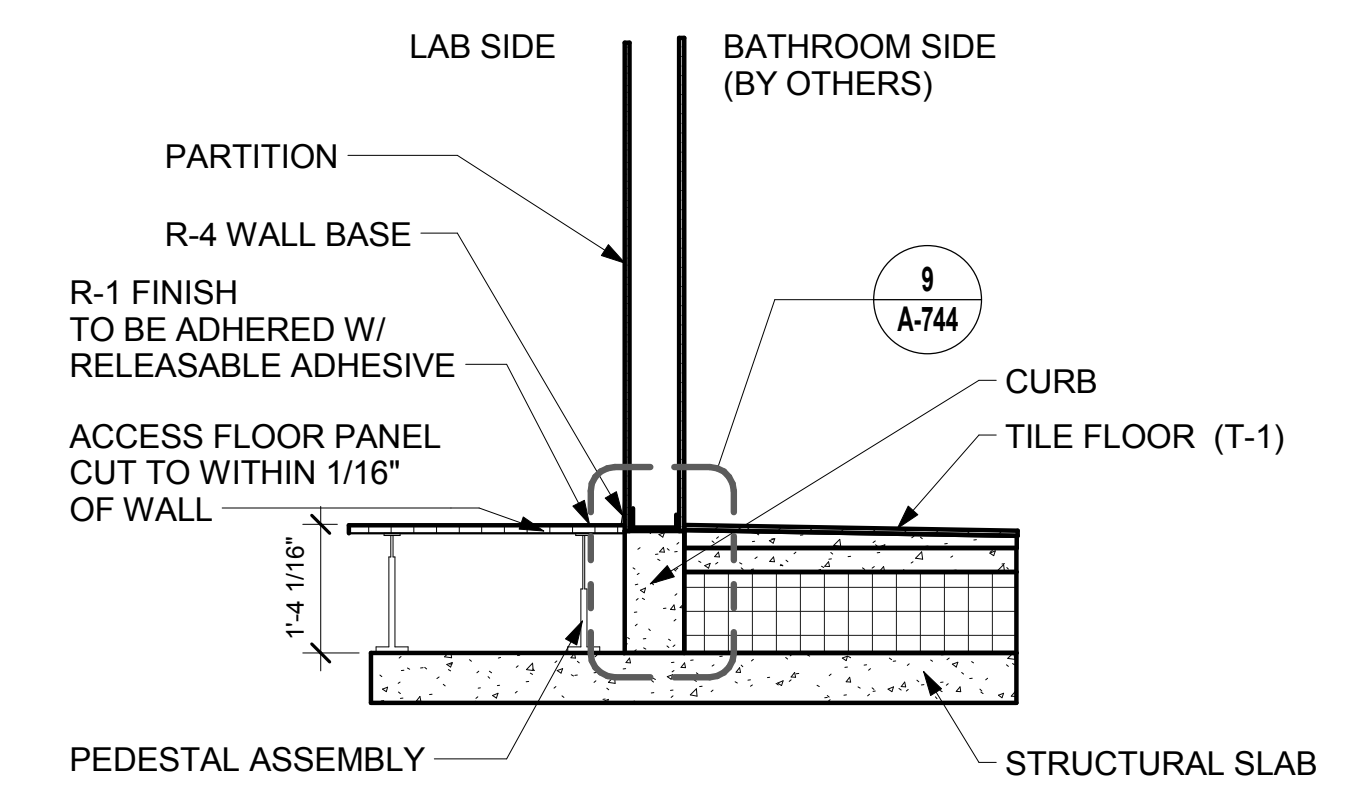
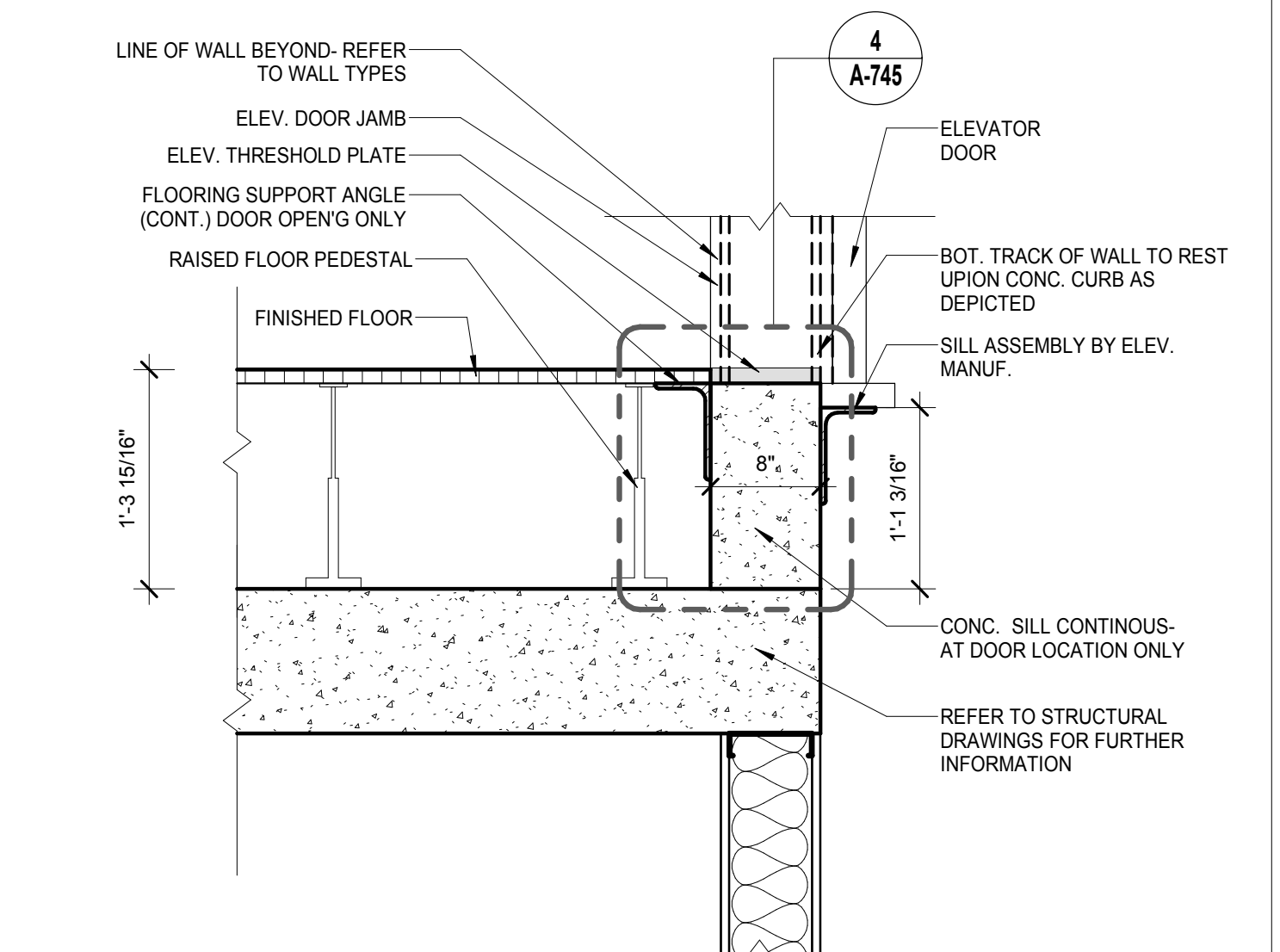
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SCALE: 3" = 1'-0" 9



ACCESS FLOOR DETAIL - STRINGER
SCALE: 3" = 1'-0" 11



ACCESS FLOOR DETAIL- CONDITION AT "WET" AREAS
SCALE: 3" = 1'-0" 10



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1228 YORK AVENUE, NEW YORK NY 10065

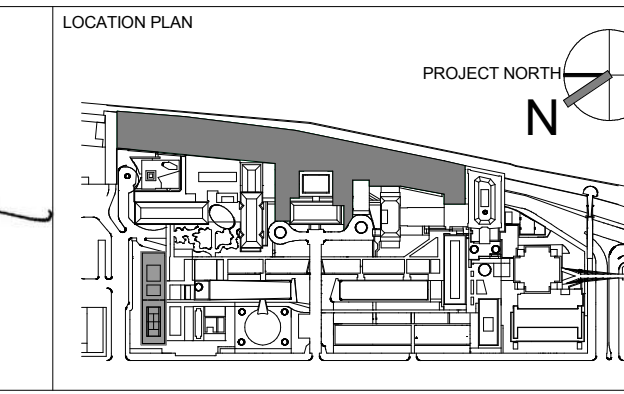
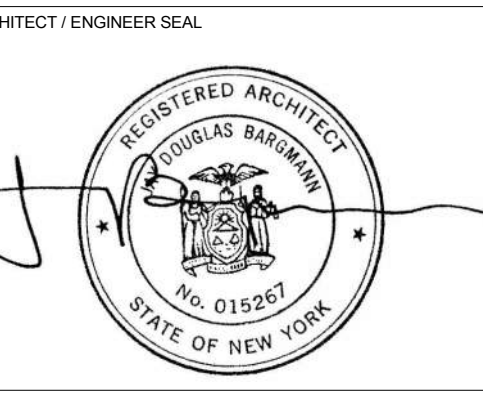
ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
T. 212.924.5060 F. 212.924.5858

STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

DRAWING SCALE
As indicated

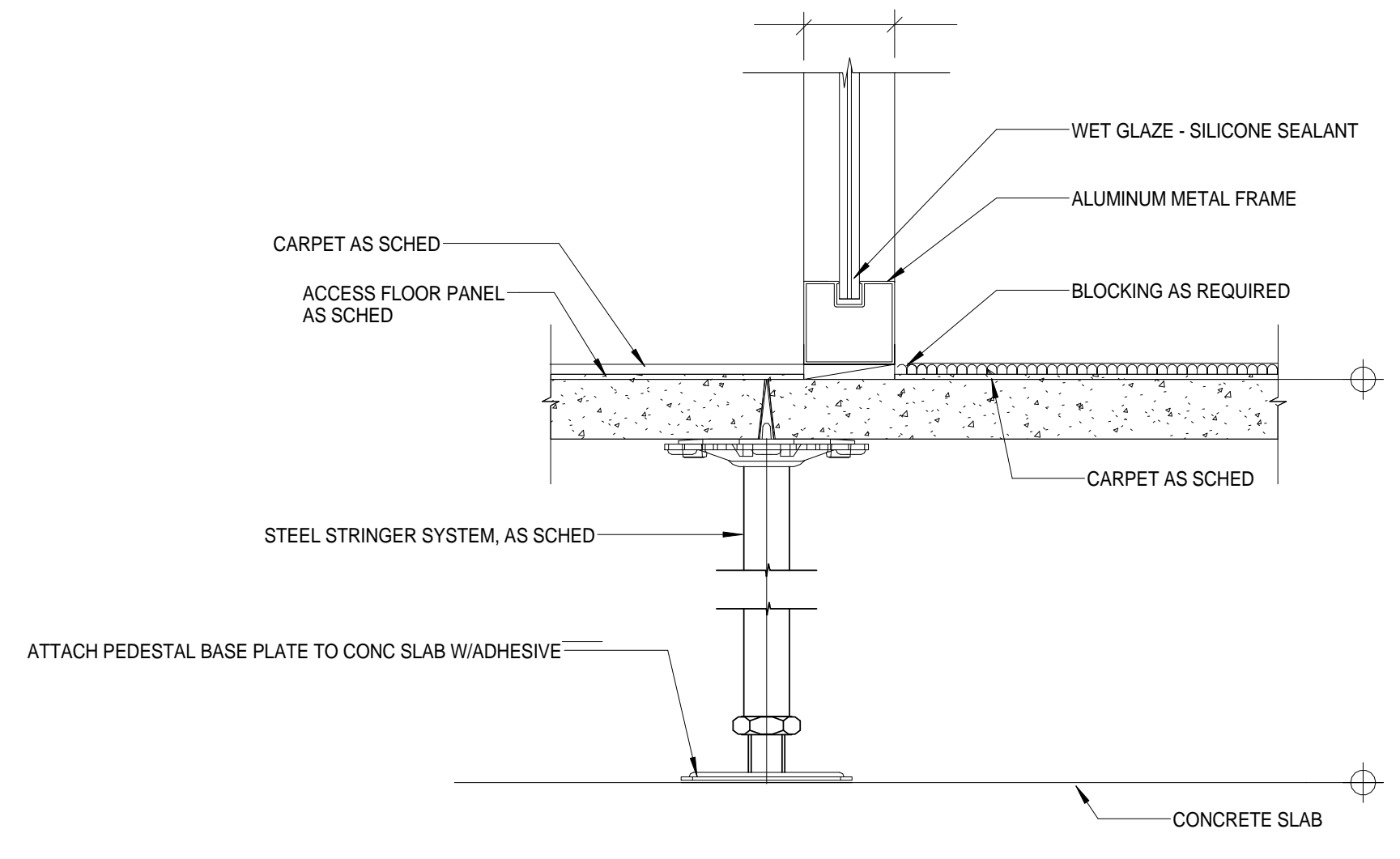
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
ACCESS FLOORING DETAILS

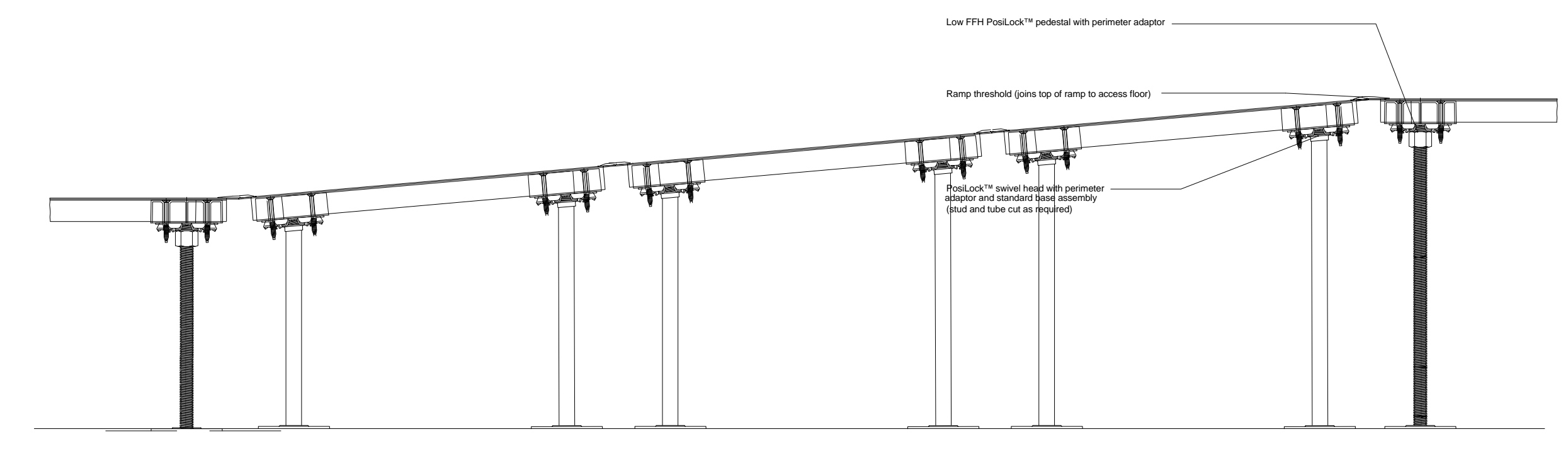
DRAWING NUMBER
A-744.00

Sheet 296 of 315

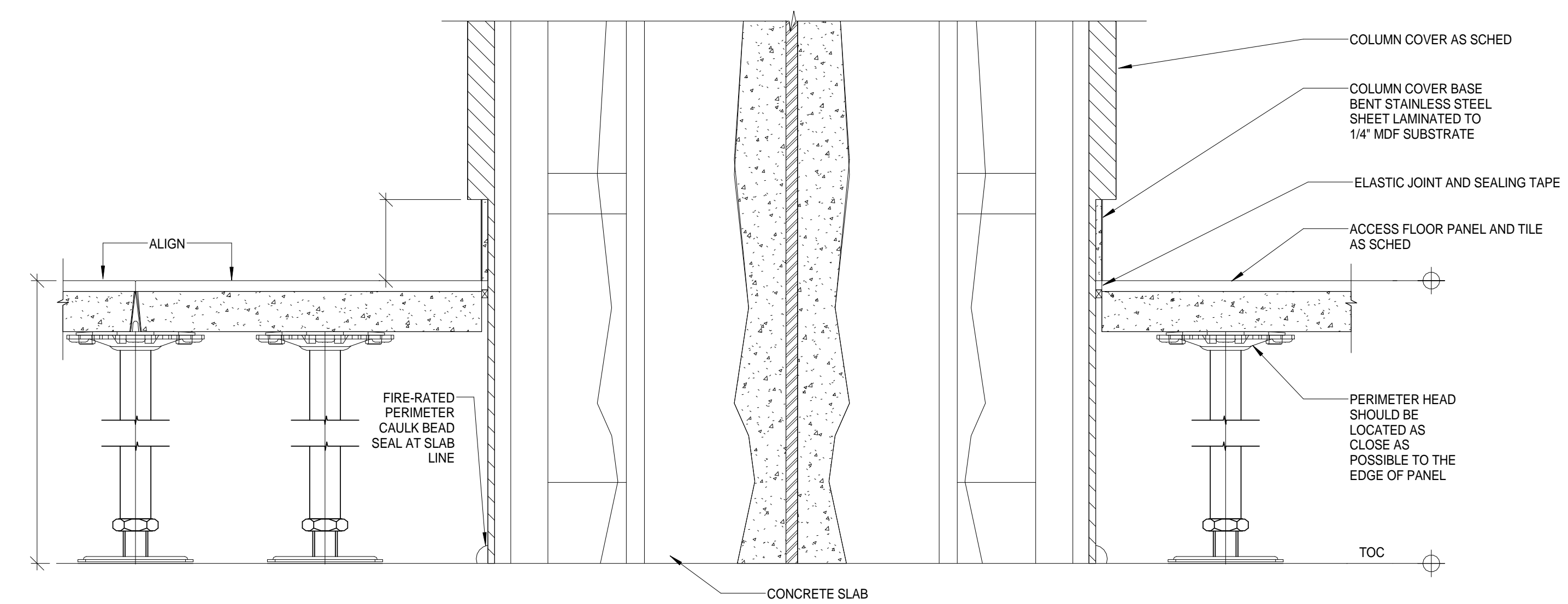
© 2015 RAFAEL VINOLY ARCHITECTS PC



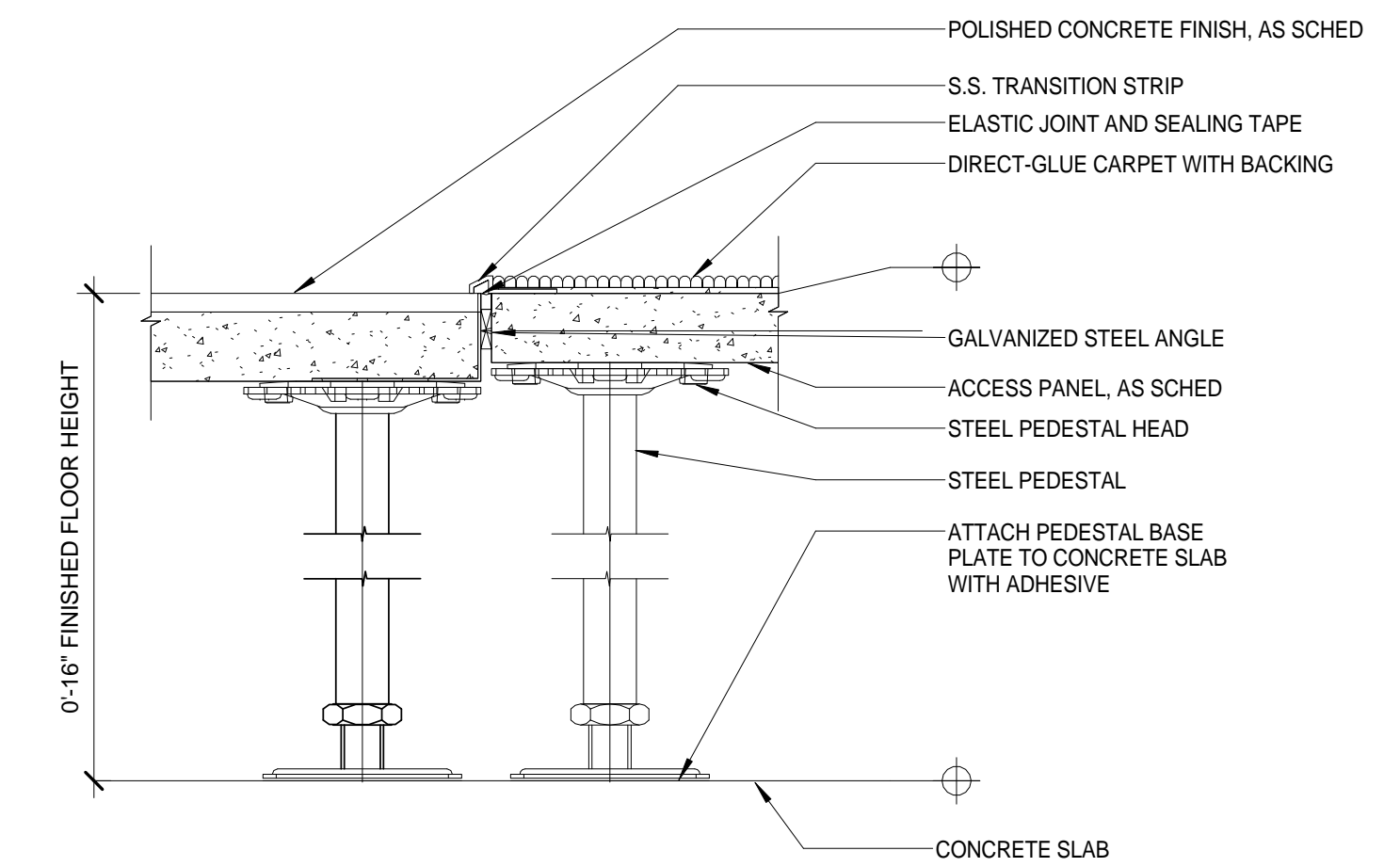
ACCESS FLOOR DETAIL- CONDITION AT INTERIOR GLAZING WALL
SCALE: 3" = 1'-0"



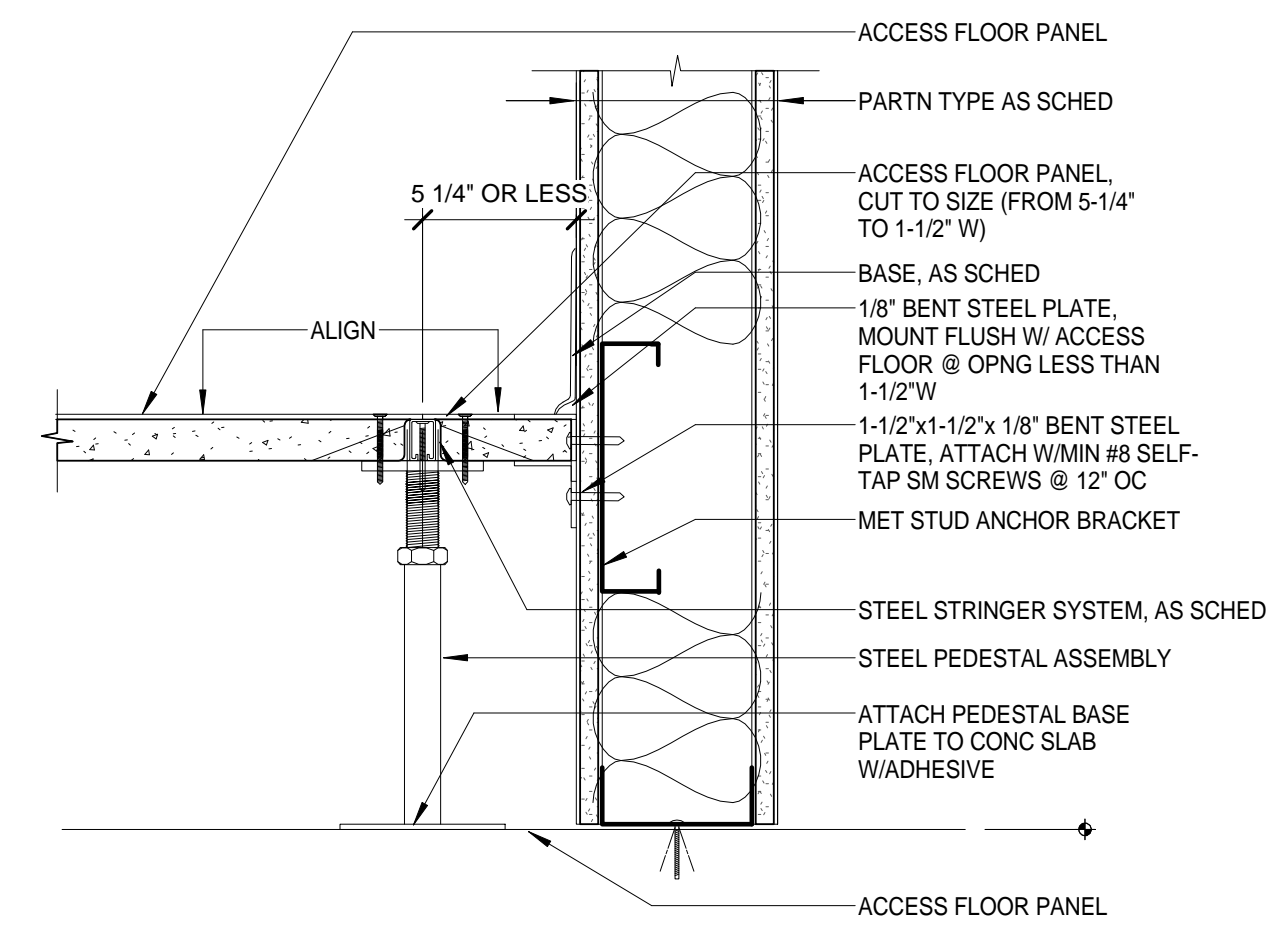
RAMP ASSEMBLY AT ACCESS FLOORING
SCALE: 1 1/2" = 1'-0"



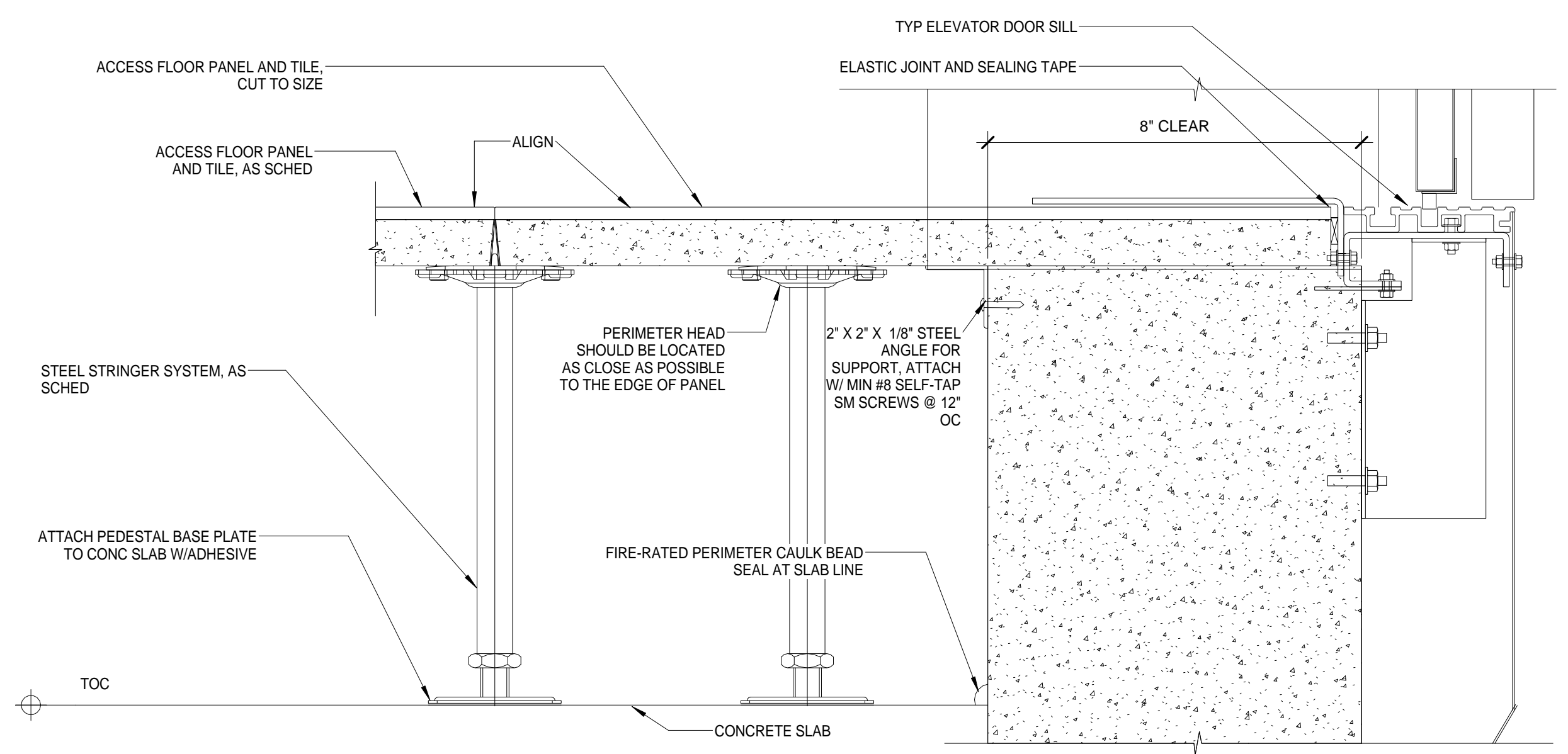
ACCESS FLOOR DETAIL- CONDITION AT COLUMN
SCALE: 3" = 1'-0"



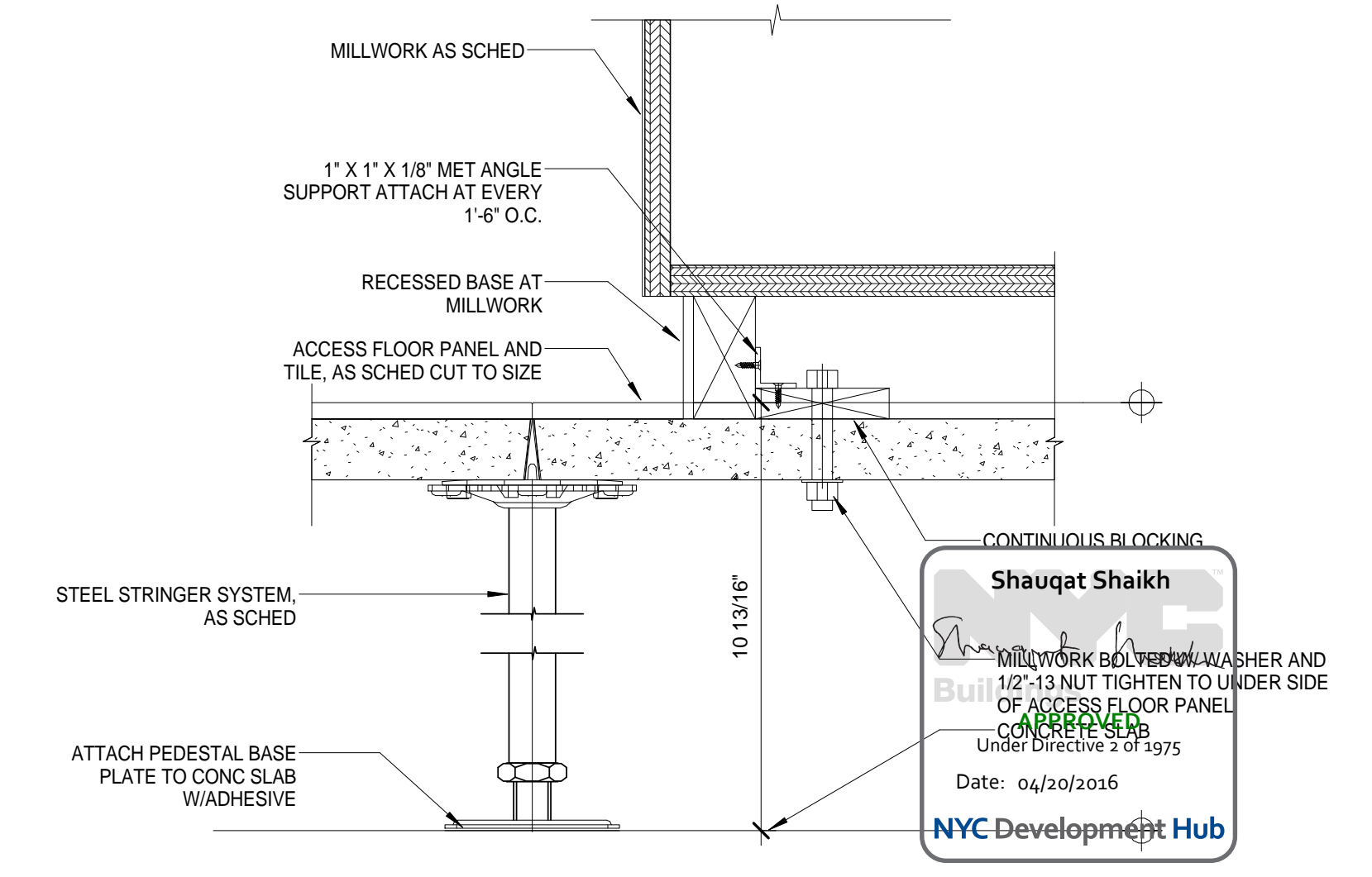
ACCESS FLOOR DETAIL- TRIP STRIP TRANSITION BETWEEN CARPET AND BARE ACCESS PANEL
SCALE: 3" = 1'-0"



ACCESS FLOOR PERIMETER DETAIL AT FIRE RATED PARTITION
SCALE: 3" = 1'-0"



ACCESS FLOOR DETAIL - CONDITION AT ELEVATOR DOOR
SCALE: 3" = 1'-0"



ACCESS FLOOR DETAIL-CONDITION AT MILLWORK
SCALE: 3" = 1'-0"

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
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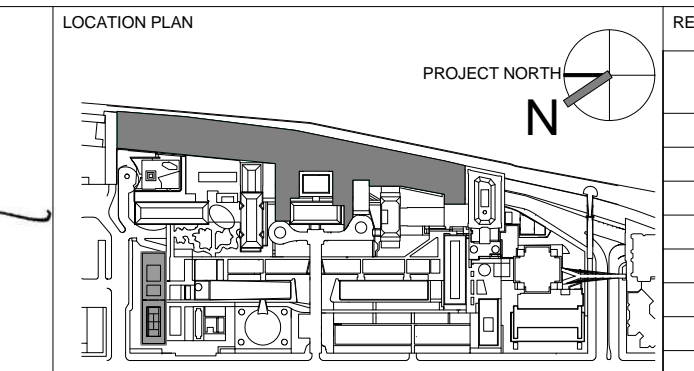
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
158 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

REGISTERED ARCHITECT
SHAUQAT SHAIKH
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING TITLE
ACCESS FLOORING DETAILS

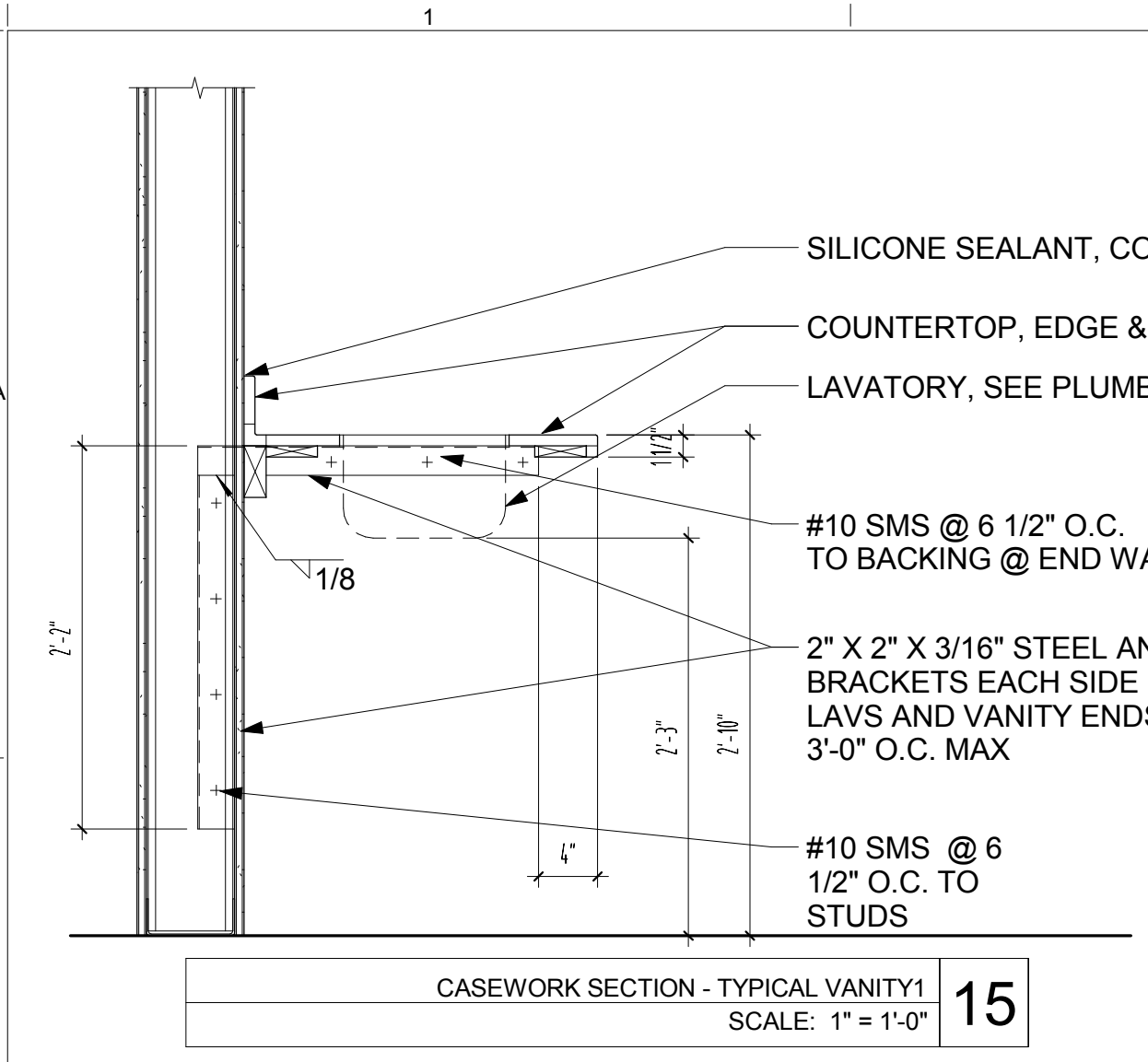
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24" x 36"

DRAWING SCALE
As indicated

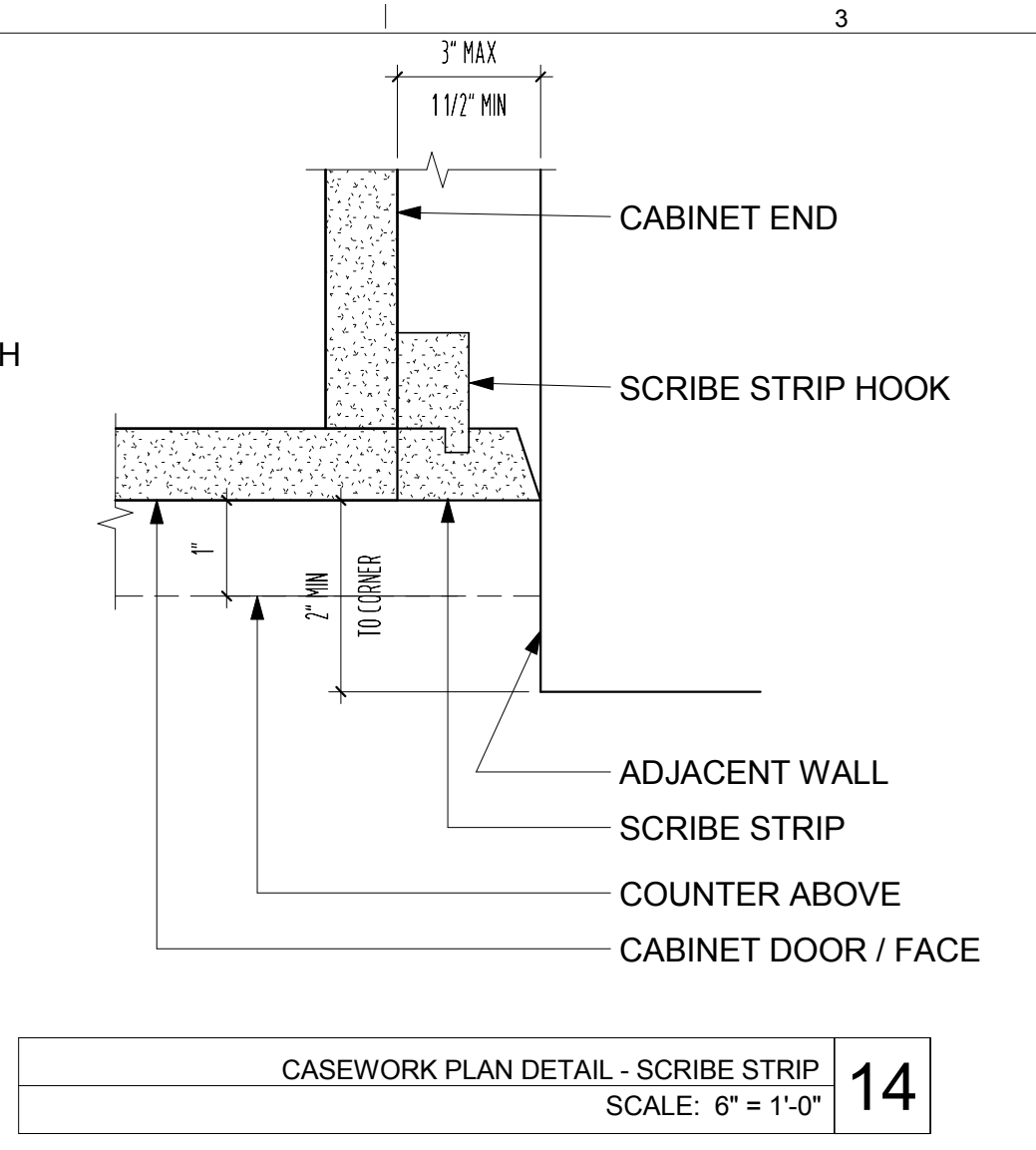
PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-745.00

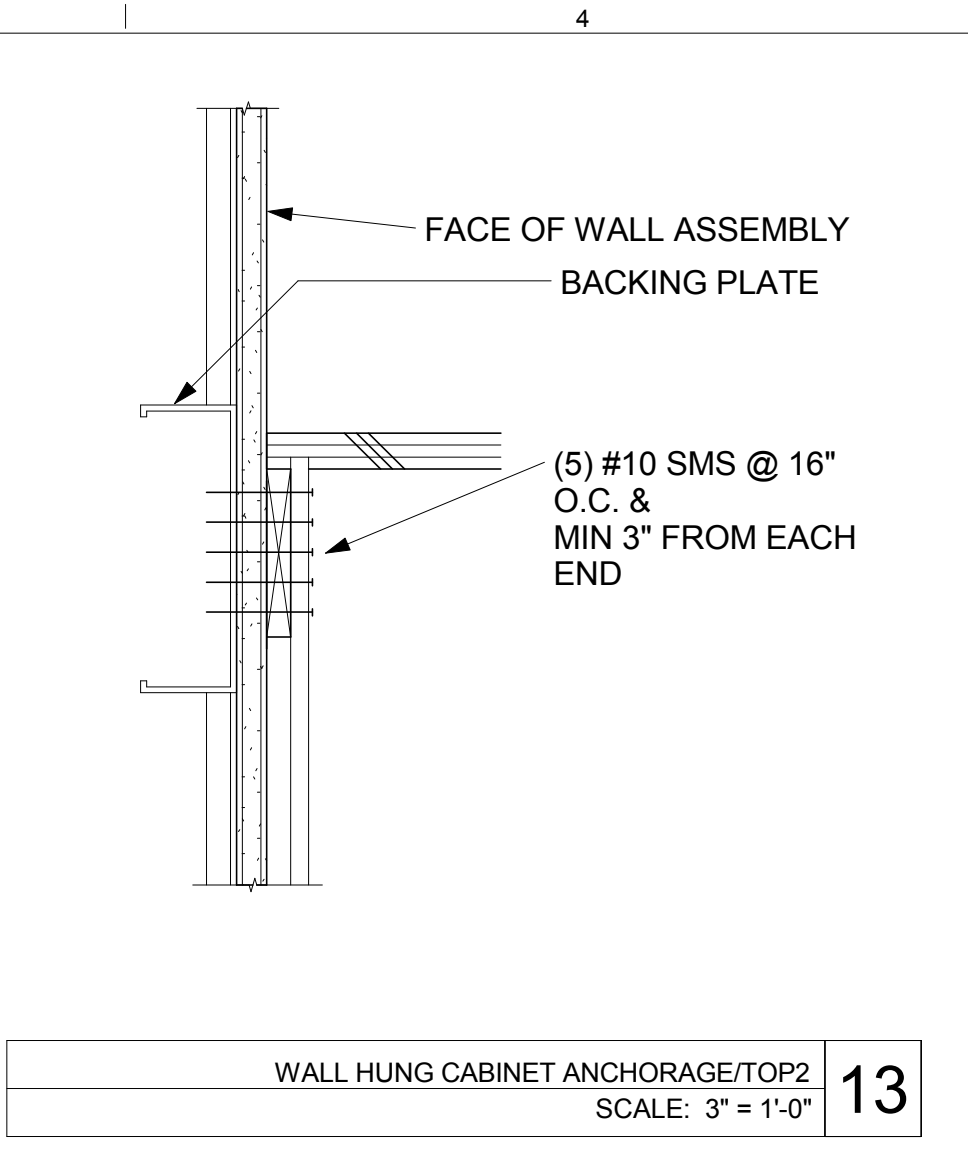
SHEET 297 OF 315



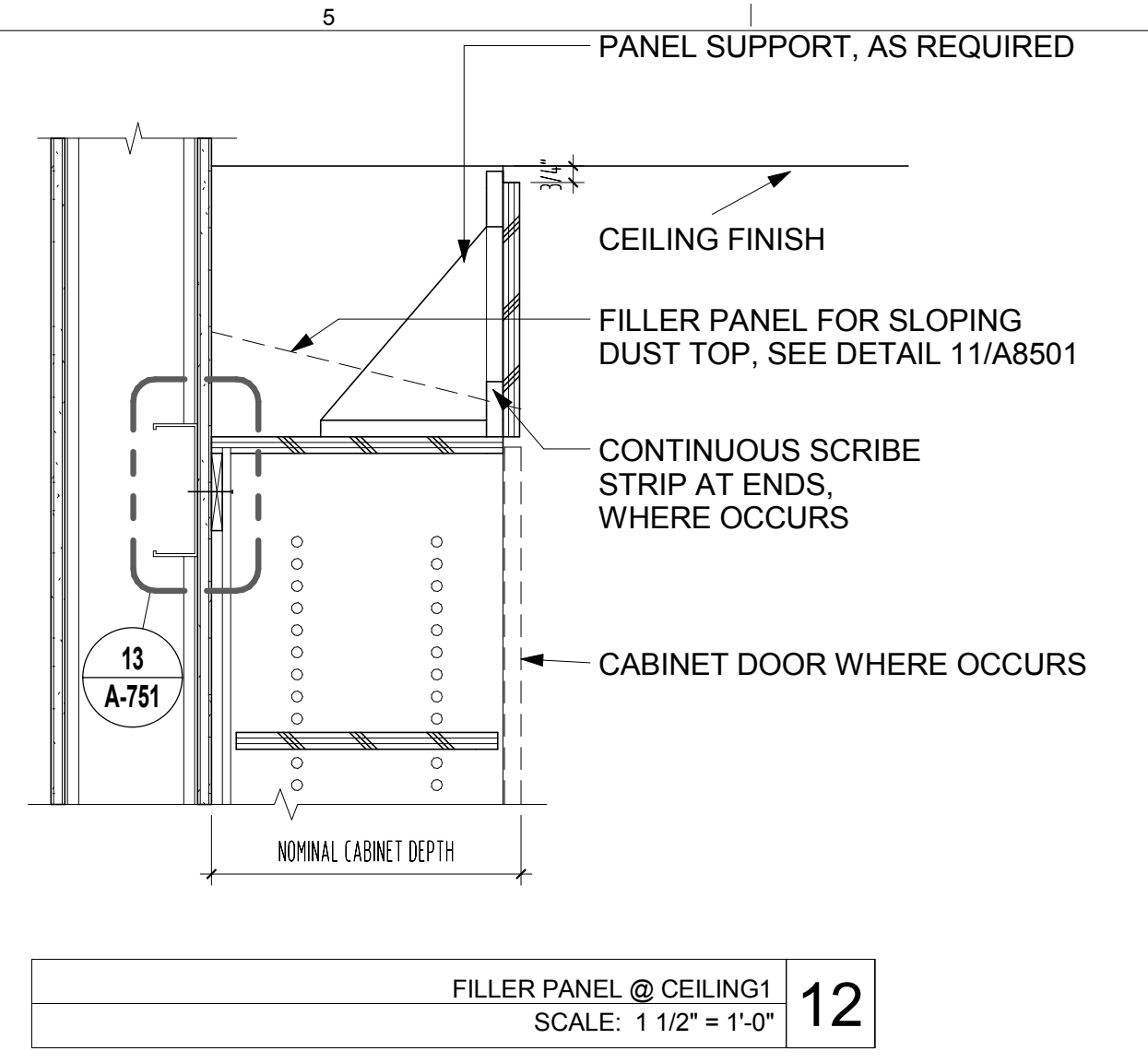
CASEWORK SECTION - TYPICAL VANITY1
SCALE: 1" = 1'-0" **15**



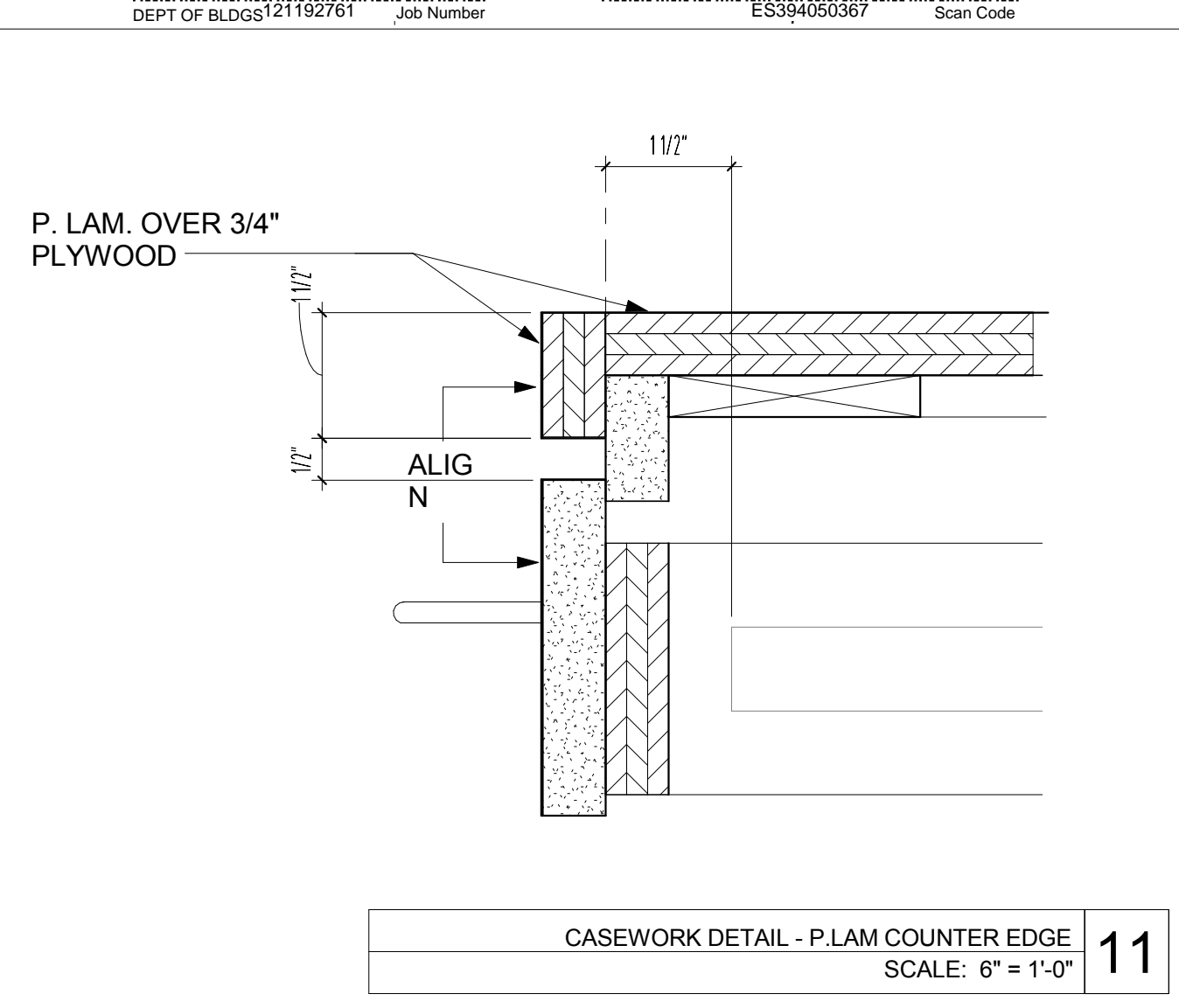
CASEWORK PLAN DETAIL - SCRIBE STRIP
SCALE: 6" = 1'-0" **14**



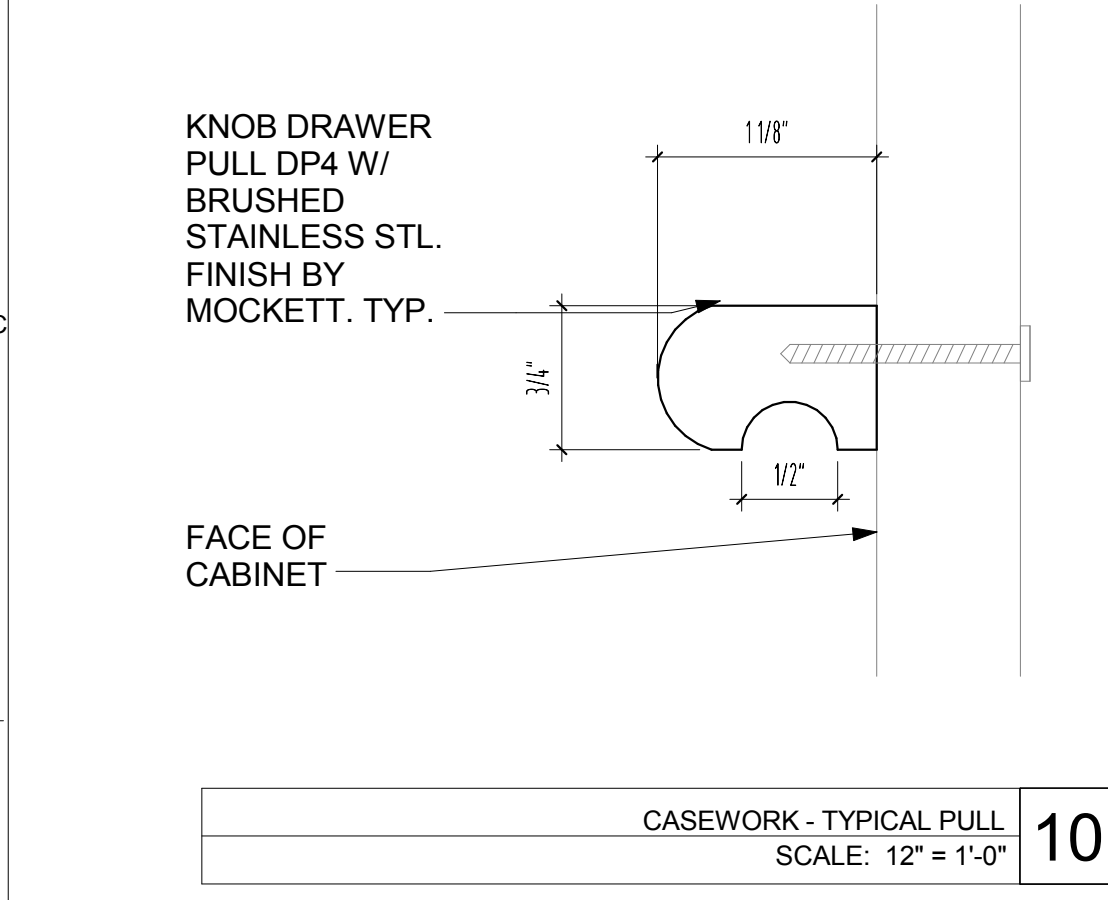
WALL HUNG CABINET ANCHORAGE/TOP2
SCALE: 3" = 1'-0" **13**



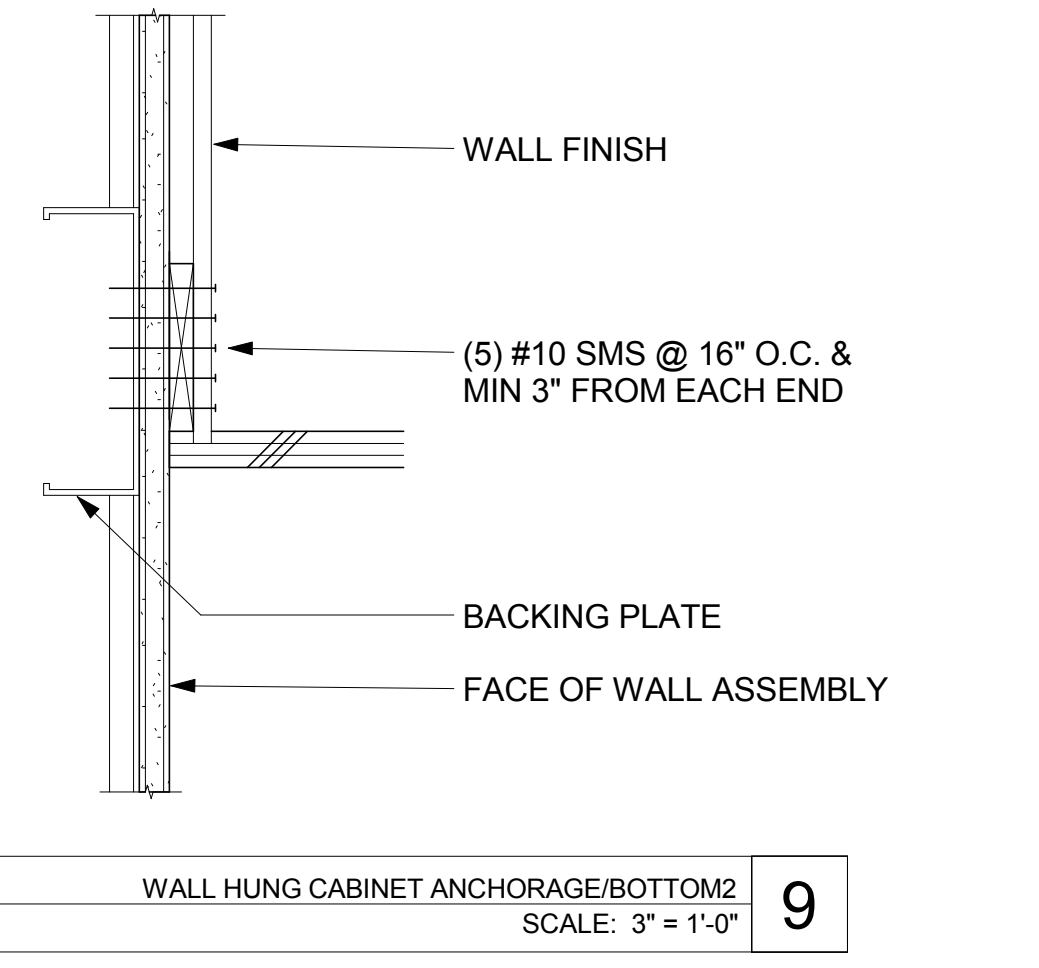
FILLER PANEL @ CEILING1
SCALE: 1 1/2" = 1'-0" **12**



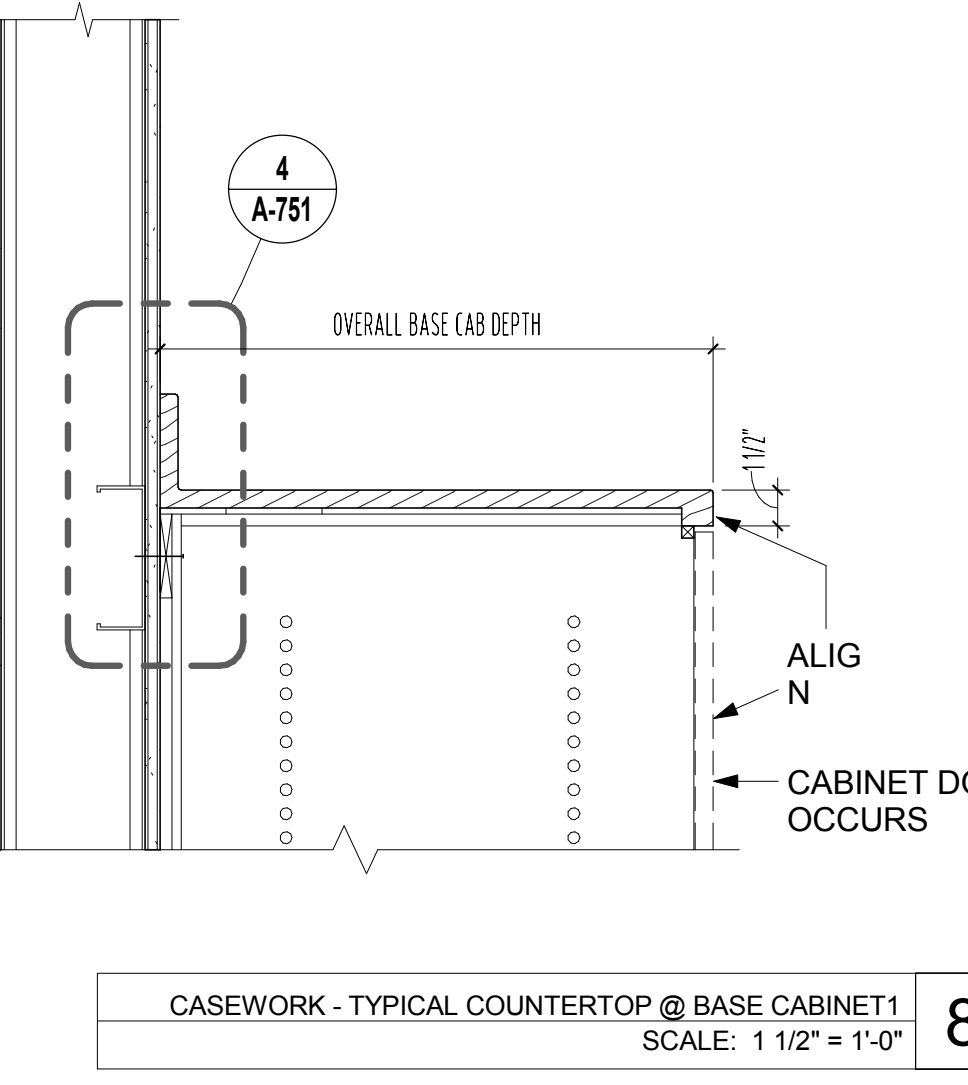
CASEWORK DETAIL - P.LAM COUNTER EDGE
SCALE: 6" = 1'-0" **11**



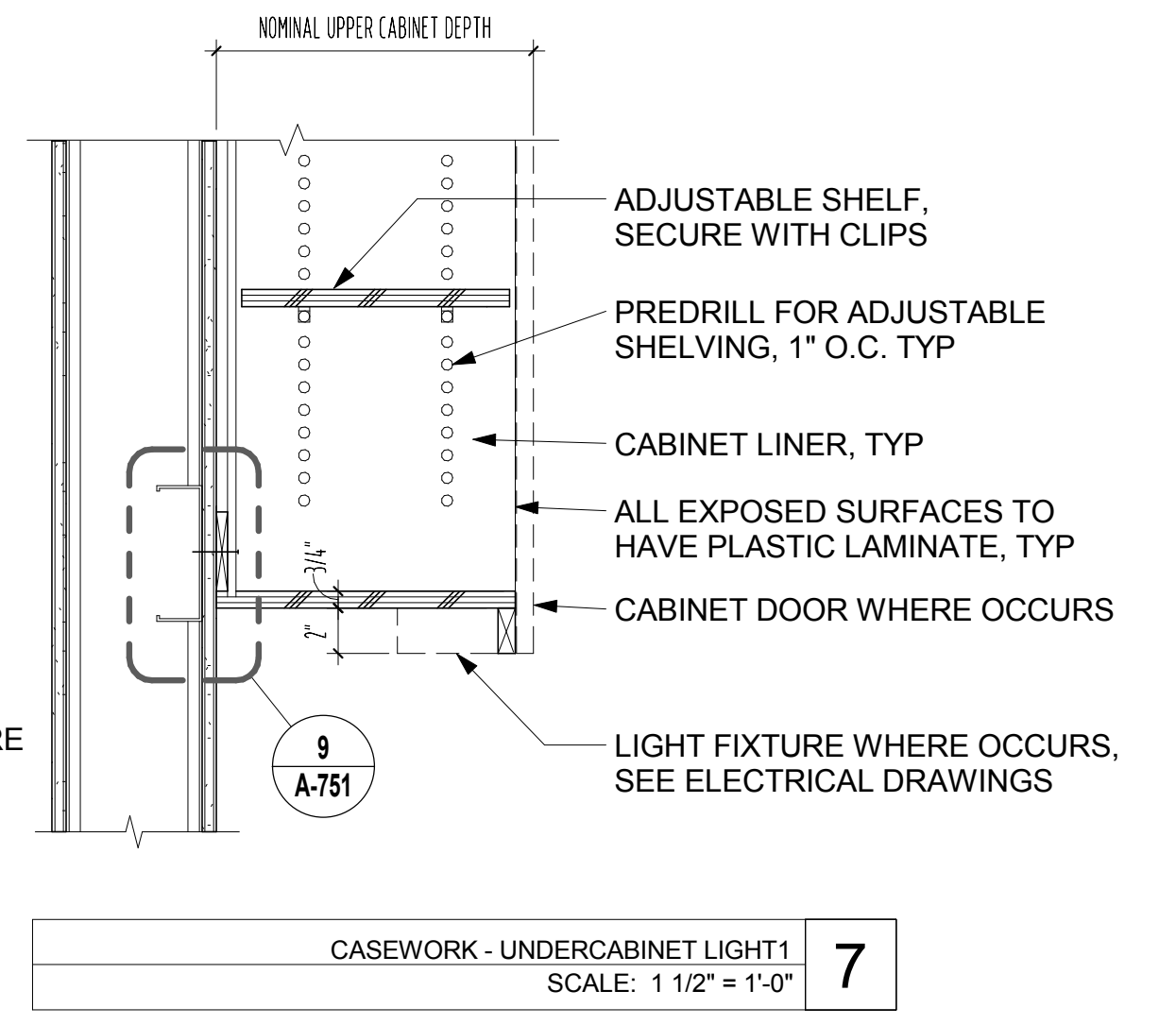
CASEWORK - TYPICAL PULL
SCALE: 12" = 1'-0" **10**



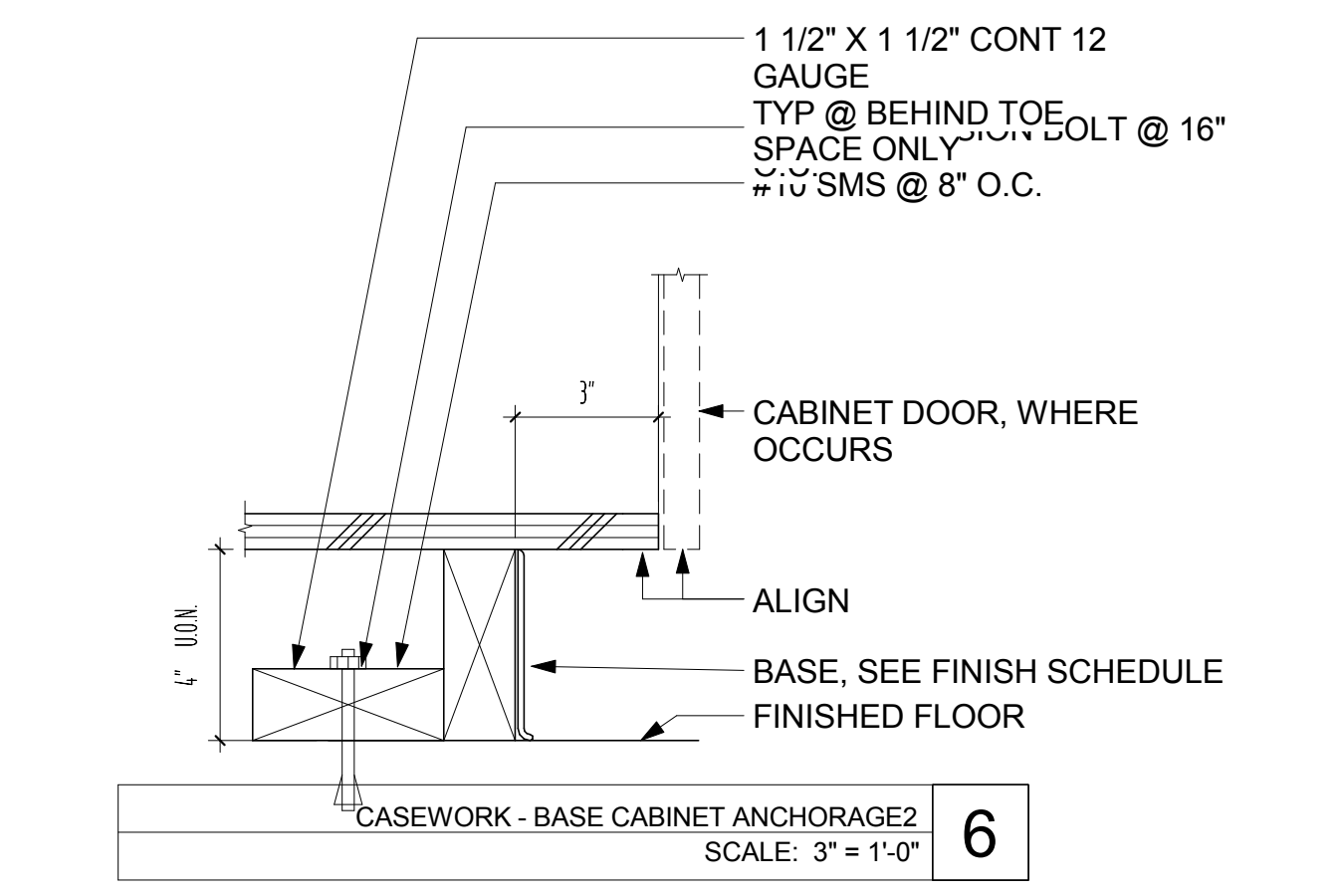
WALL HUNG CABINET ANCHORAGE/BOTTOM2
SCALE: 3" = 1'-0" **9**



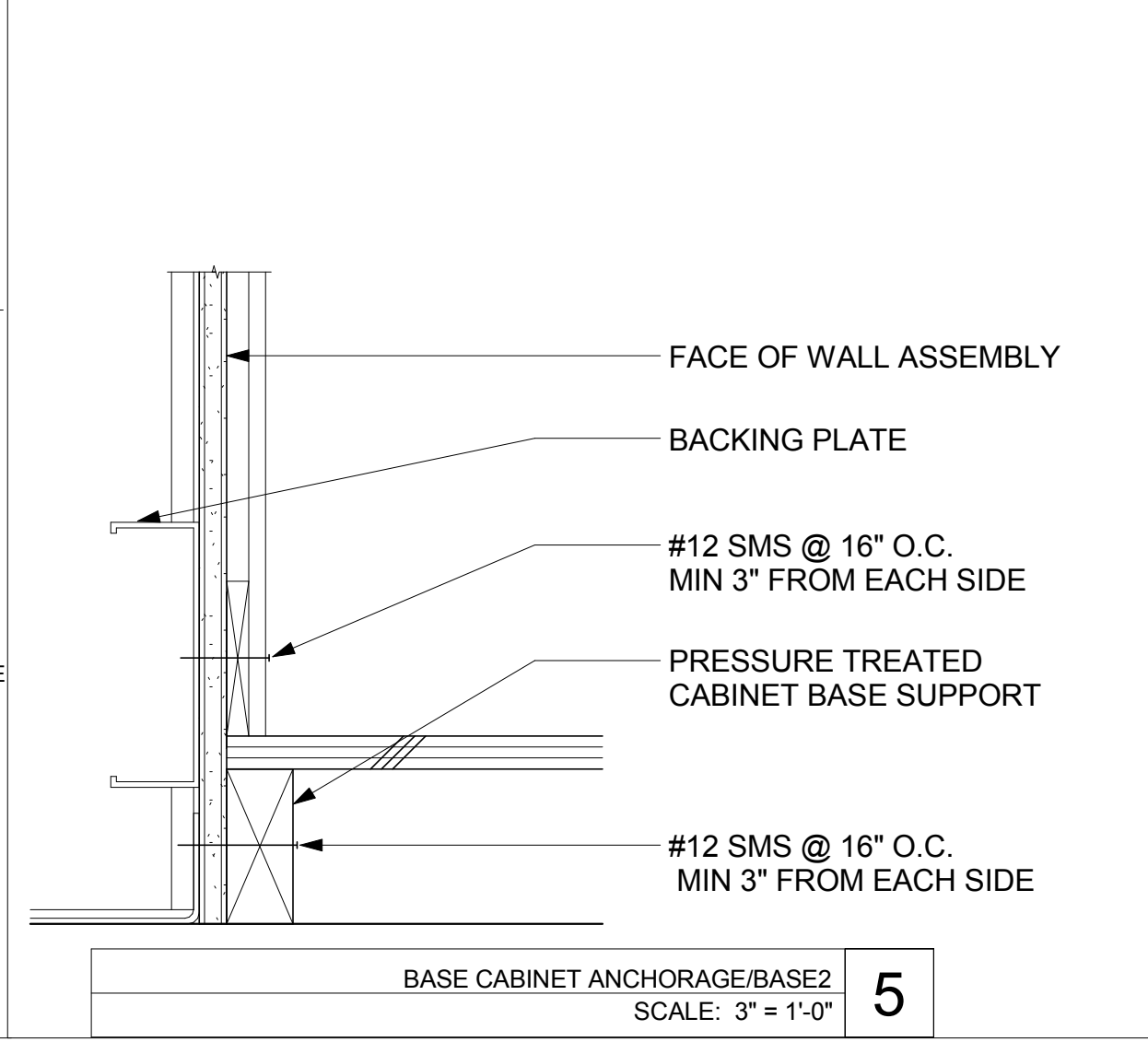
CASEWORK - TYPICAL COUNTERTOP @ BASE CABINET1
SCALE: 1 1/2" = 1'-0" **8**



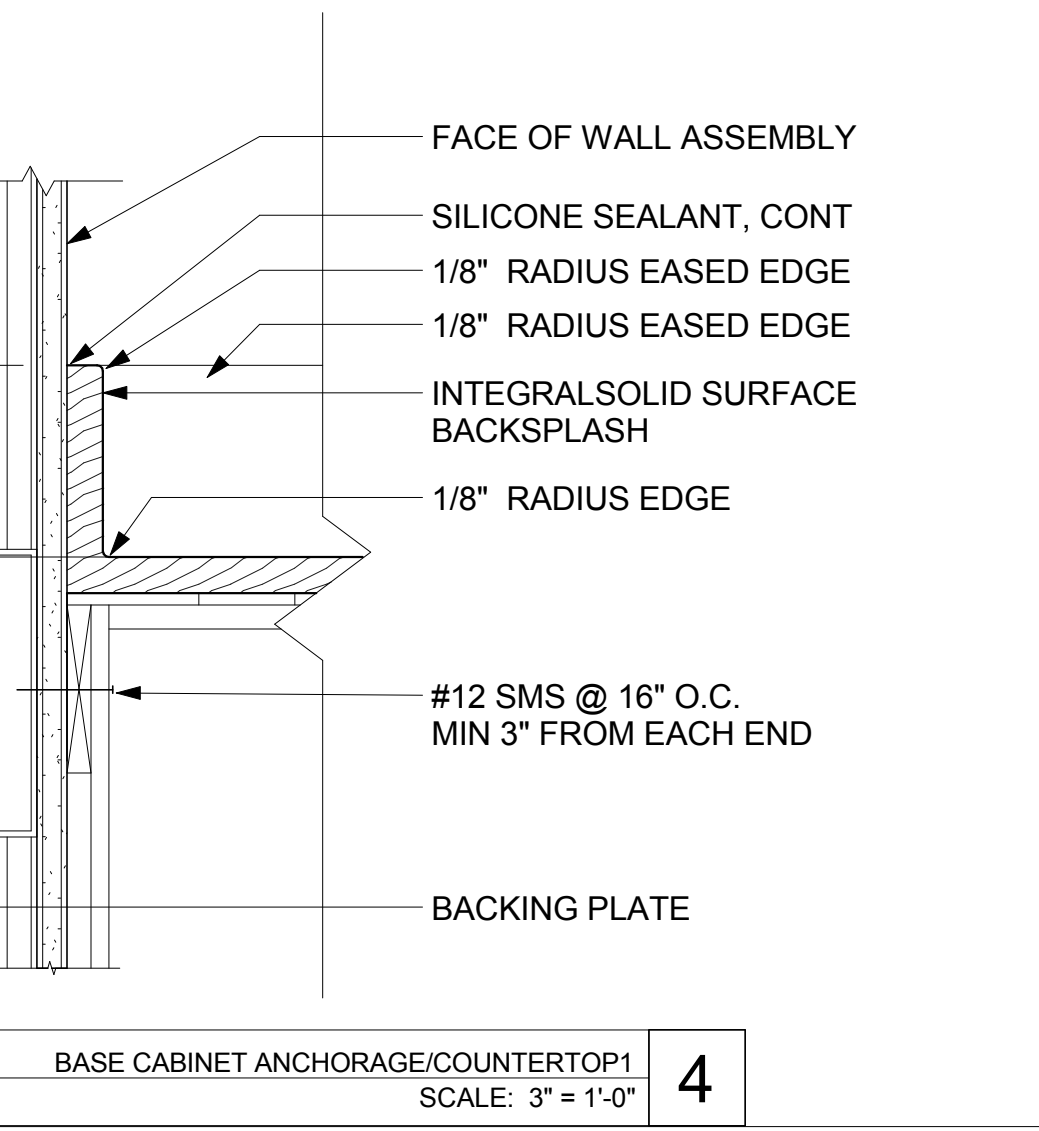
CASEWORK - UNDERCABINET LIGHT1
SCALE: 1 1/2" = 1'-0" **7**



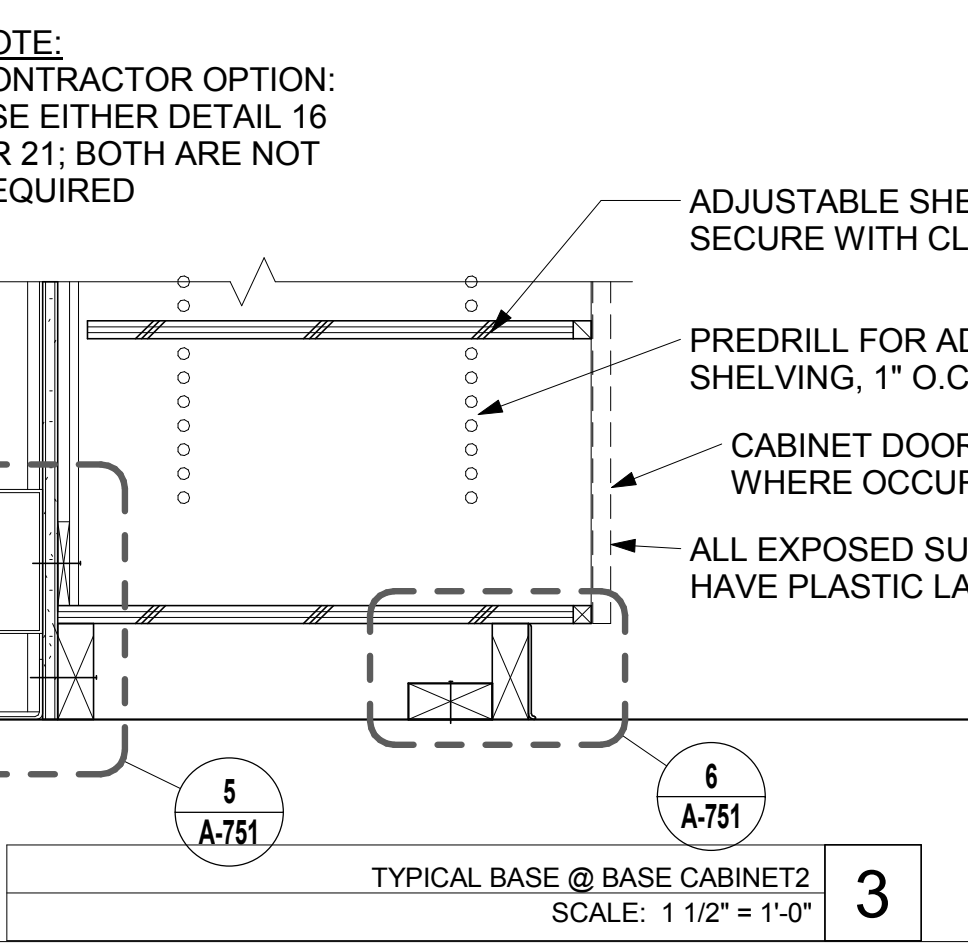
CASEWORK - BASE CABINET ANCHORAGE2
SCALE: 3" = 1'-0" **6**



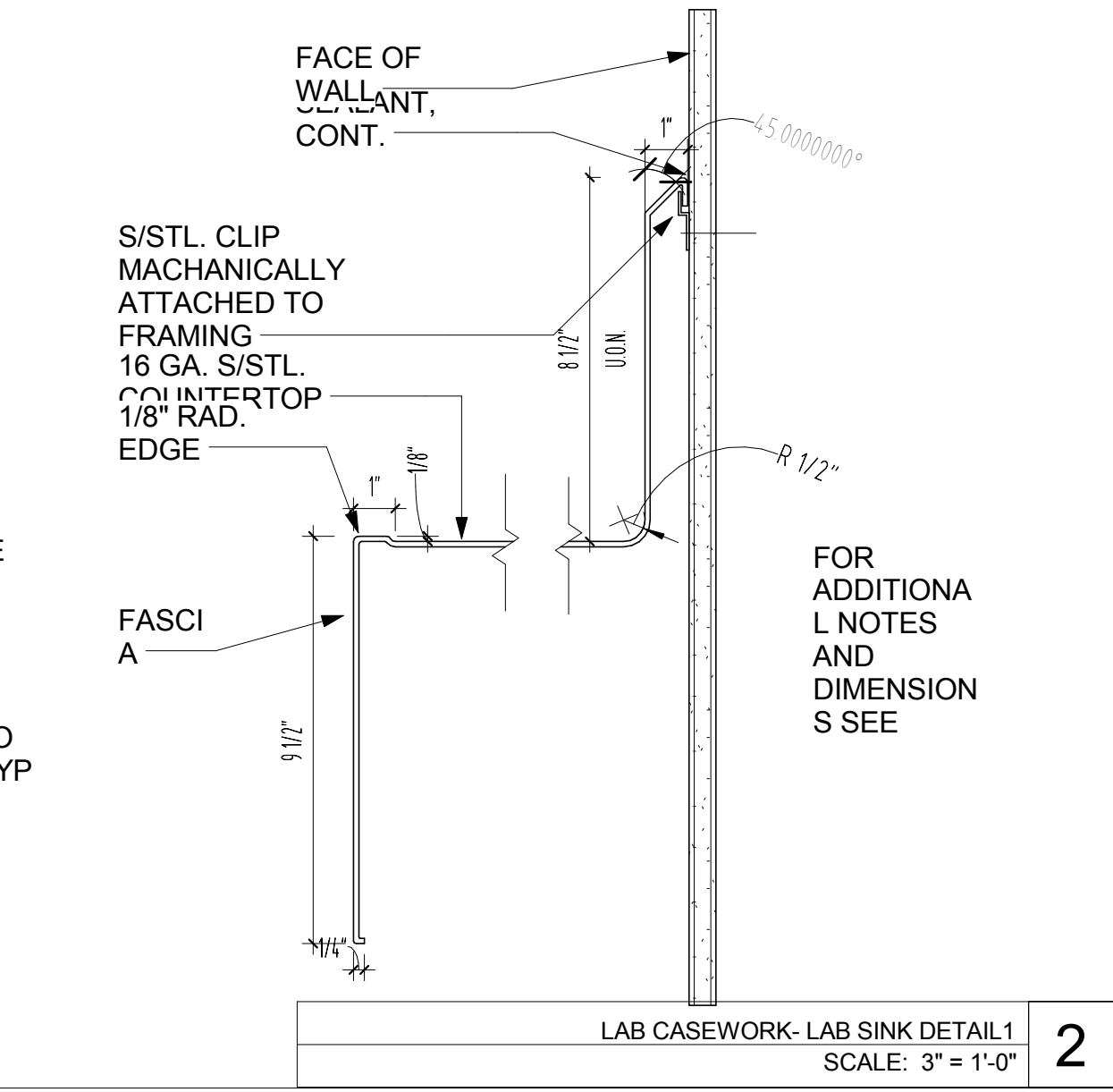
BASE CABINET ANCHORAGE/BASE2
SCALE: 3" = 1'-0" **5**



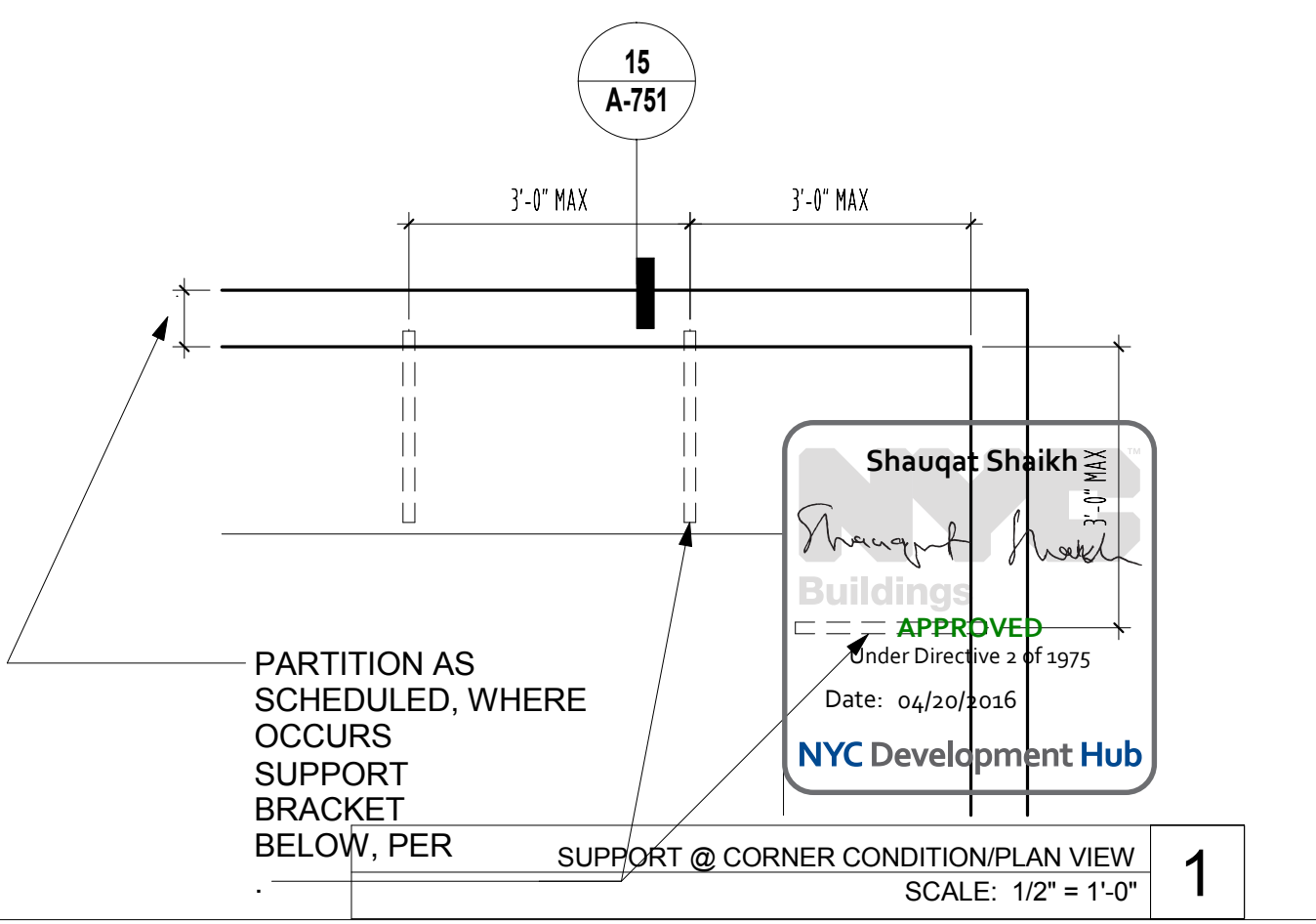
BASE CABINET ANCHORAGE/COUNTERTOP1
SCALE: 3" = 1'-0" **4**



TYPICAL BASE @ BASE CABINET2
SCALE: 1 1/2" = 1'-0" **3**



LAB CASEWORK - LAB SINK DETAIL1
SCALE: 3" = 1'-0" **2**



PARTITION AS SCHEDULED, WHERE OCCURS SUPPORT BRACKET BELOW, PER SUPPORT @ CORNER CONDITION/PLAN VIEW
SCALE: 1/2" = 1'-0" **1**

NOTE:
CONTRACTOR OPTION:
USE EITHER DETAIL 16
OR 21; BOTH ARE NOT
REQUIRED

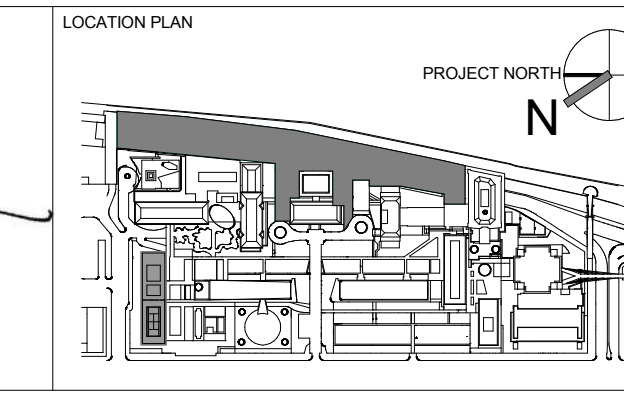
ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
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STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL.
NEW YORK, NY 10016
T. 212.840.0060

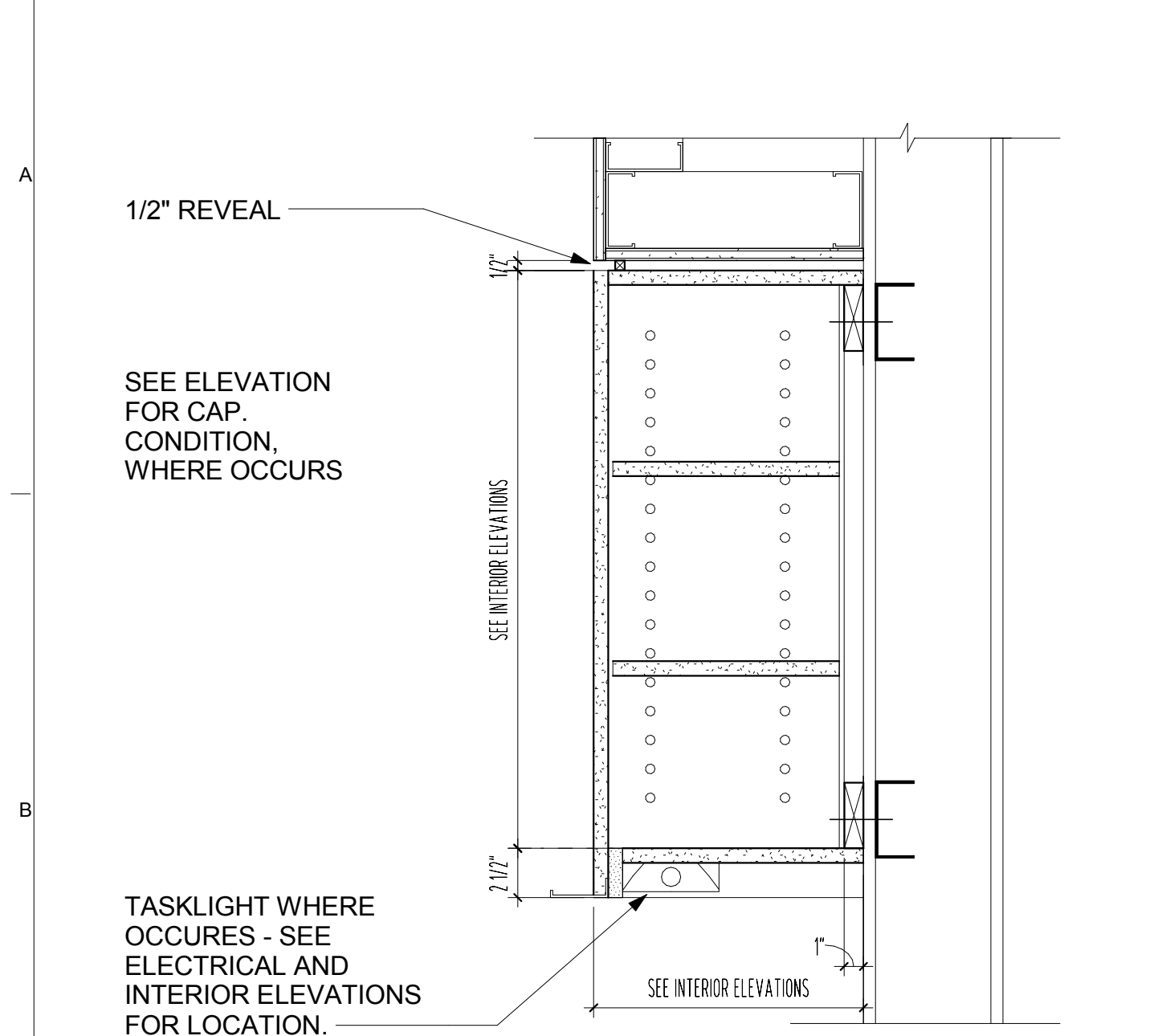
INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
150 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

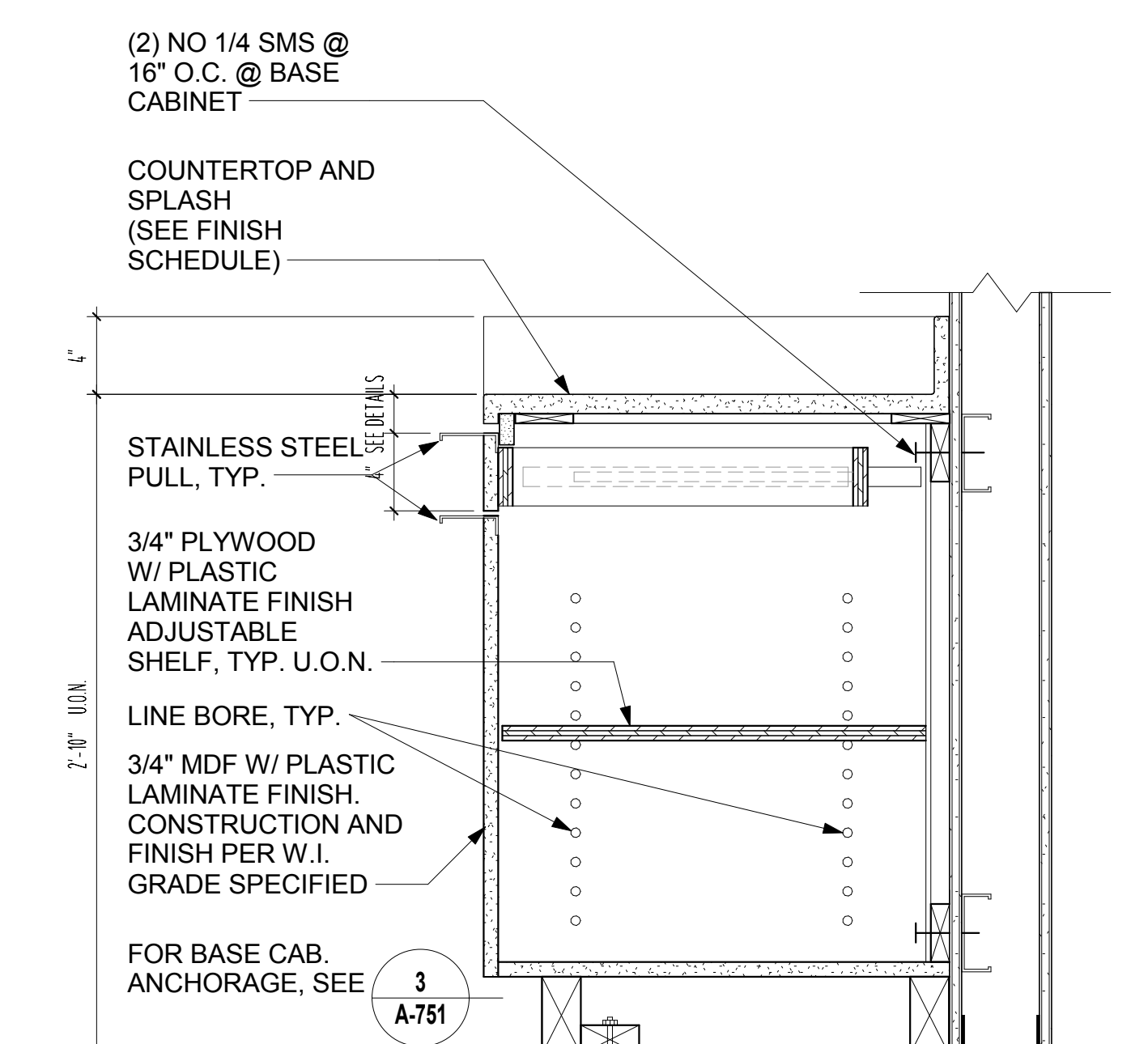


REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

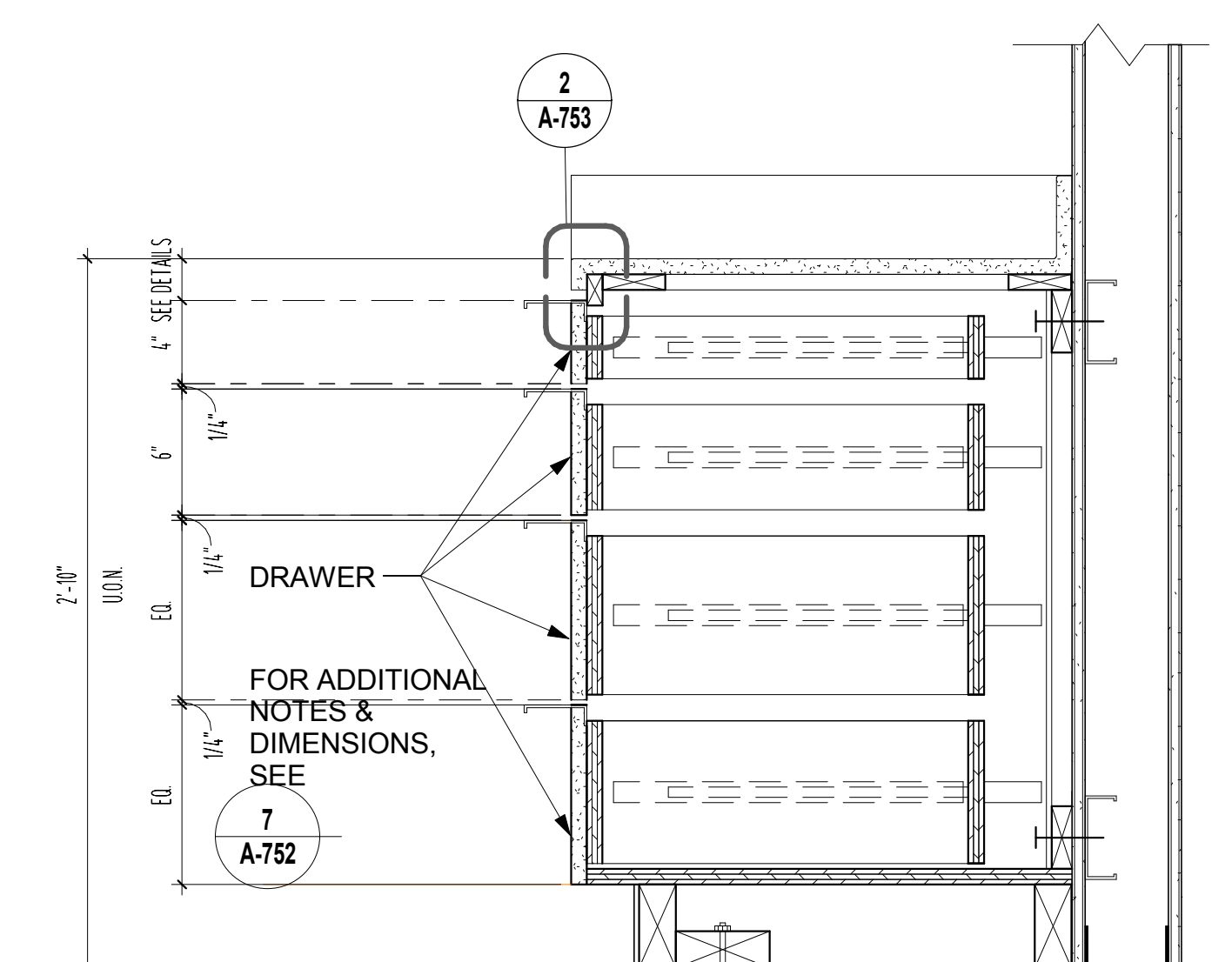
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DRAWING TITLE: MILLWORK STANDARDS
DRAWING NUMBER: A-751.00
Sheet 298 of 315



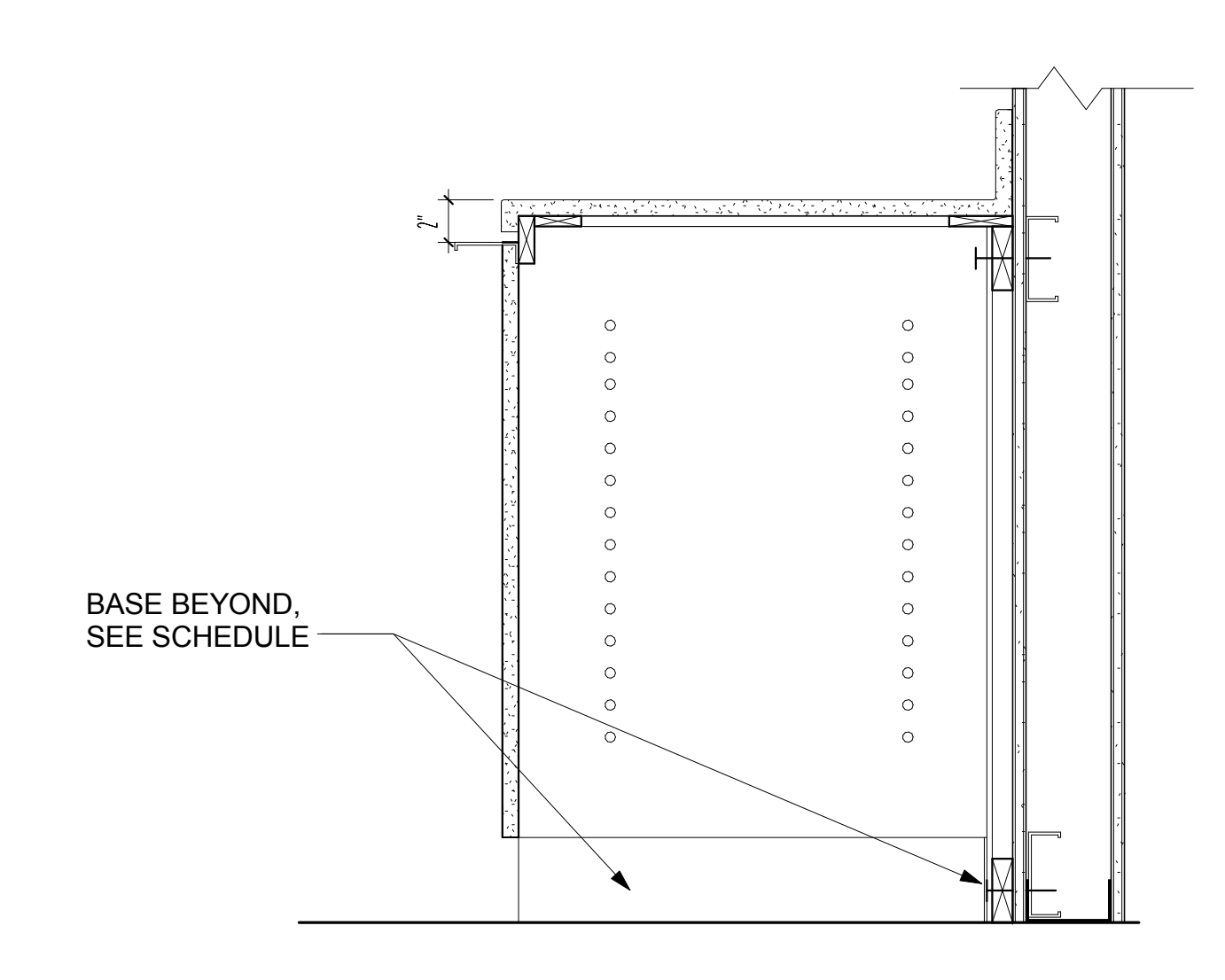
CASEWORK SECTION - TYPE 301
SCALE: 1 1/2" = 1'-0" **8**



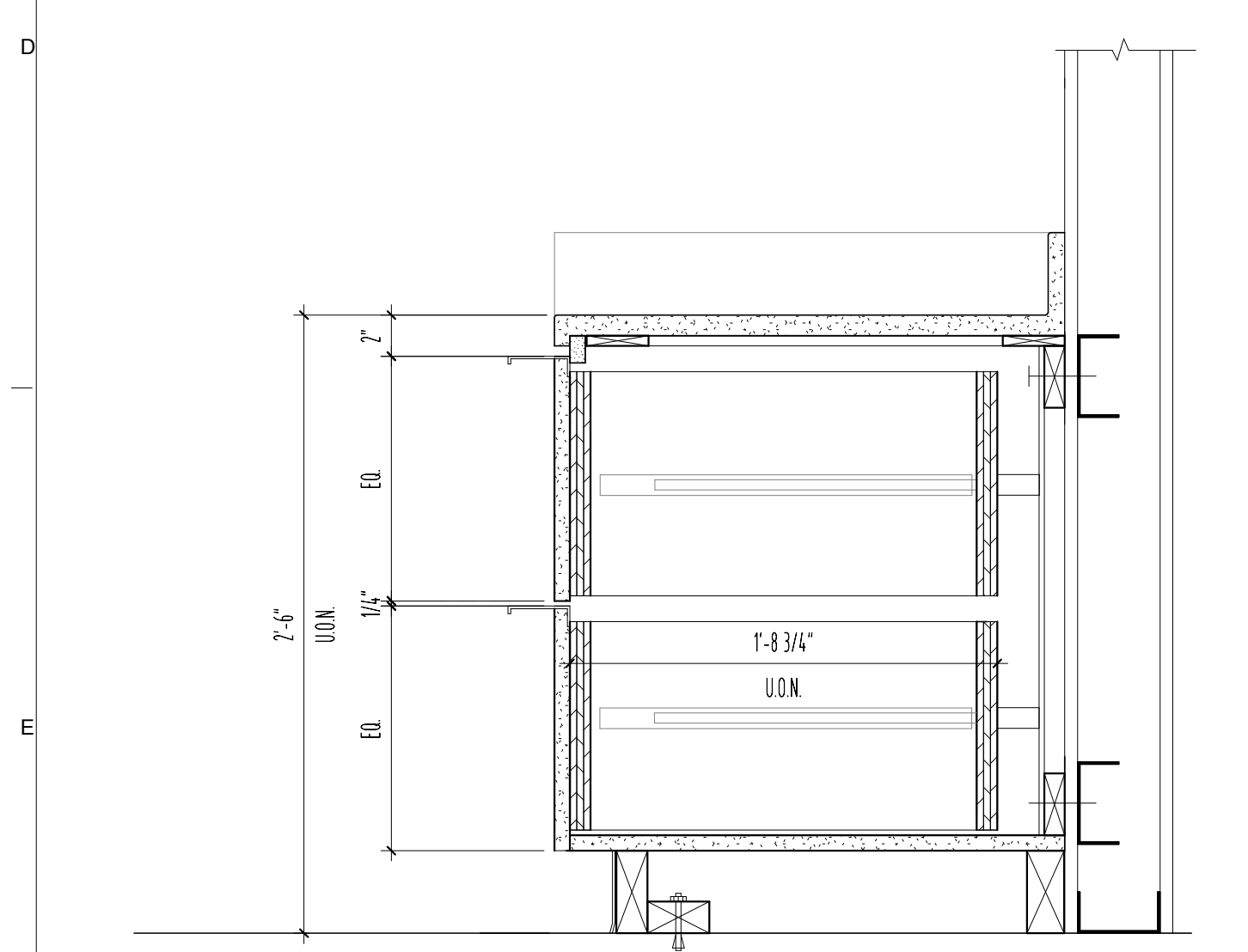
CASEWORK SECTION - TYPE 222
SCALE: 1 1/2" = 1'-0" **7**



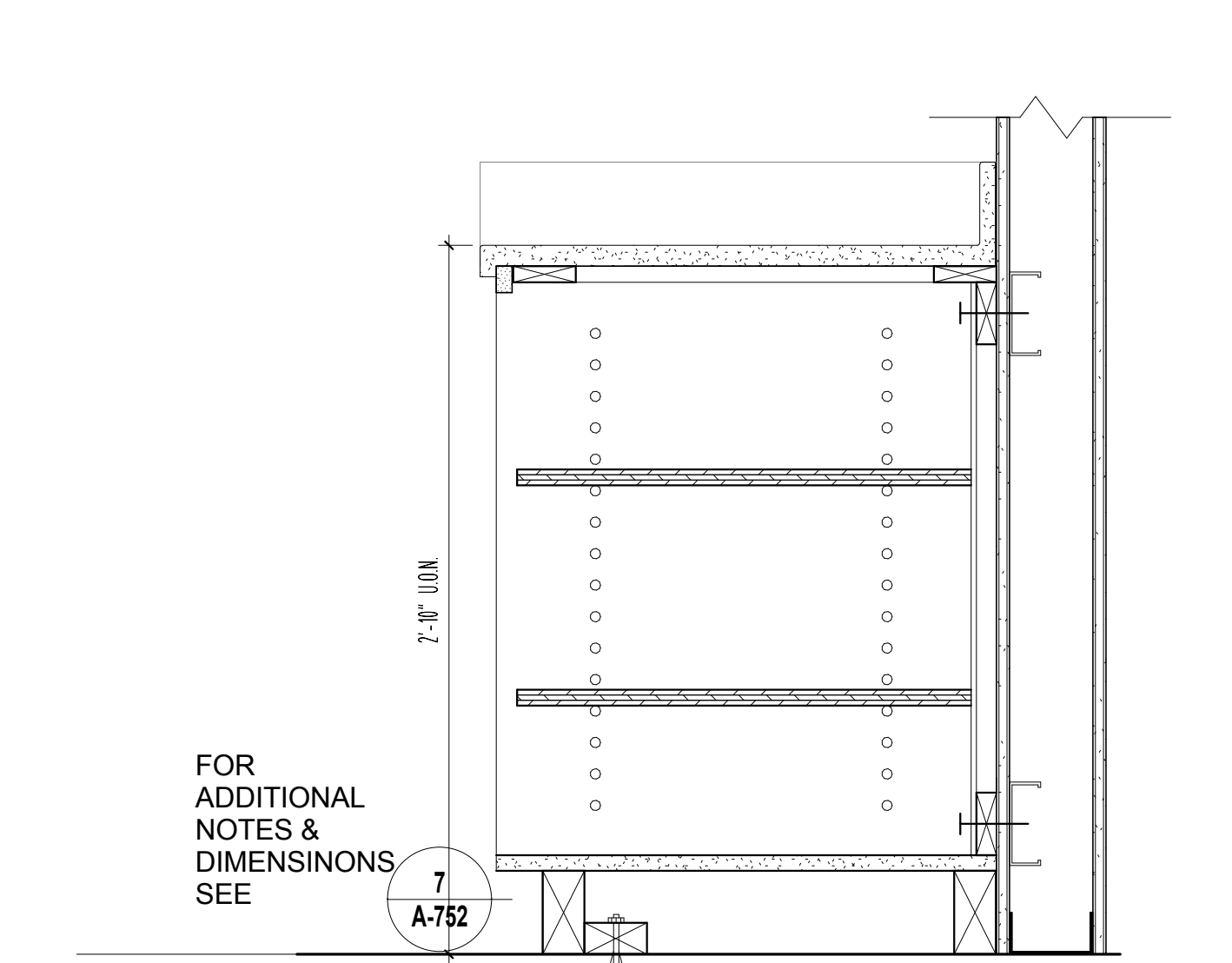
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SCALE: 1 1/2" = 1'-0" **6**



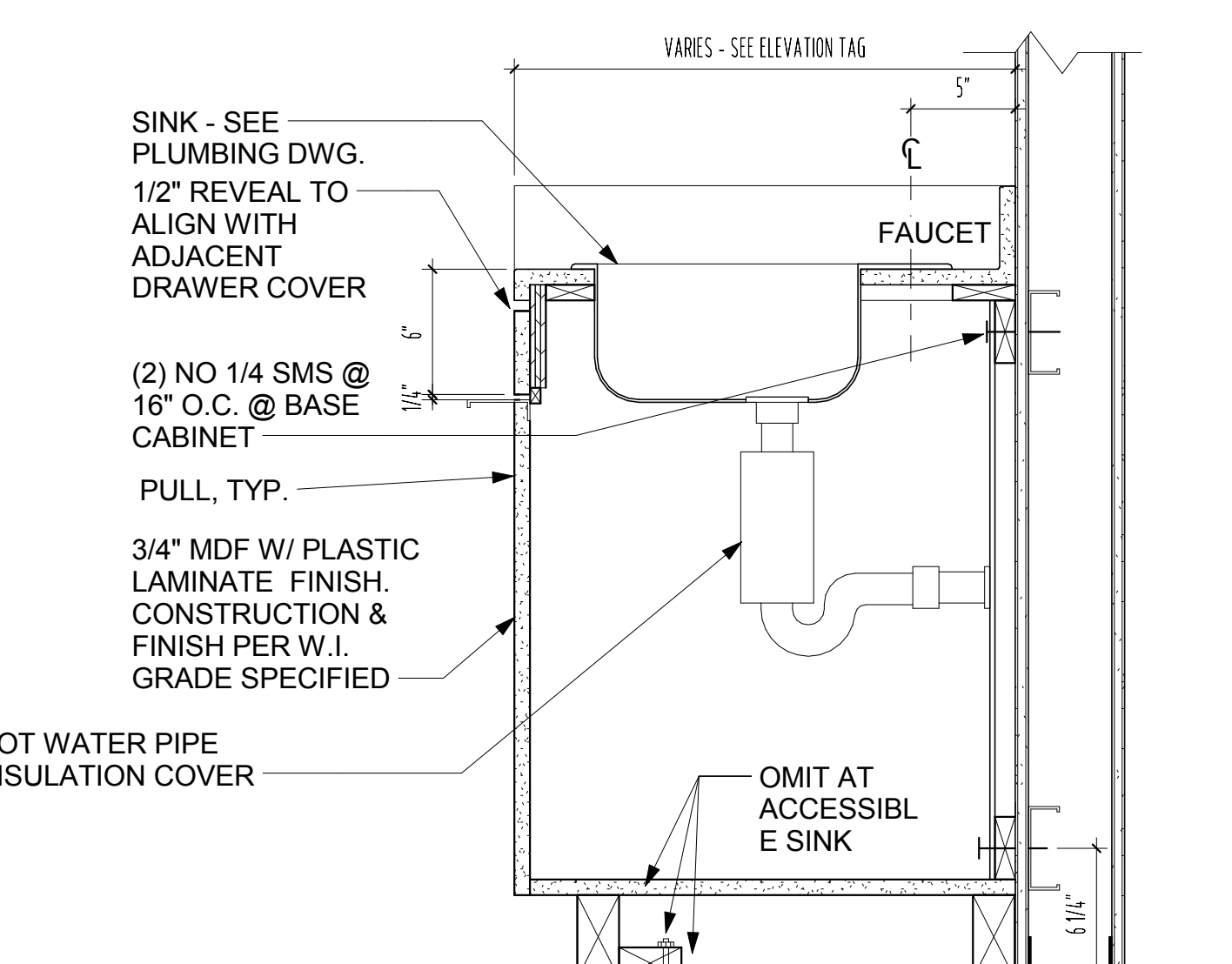
CASEWORK SECTION - TYPE 162
SCALE: 1 1/2" = 1'-0" **5**



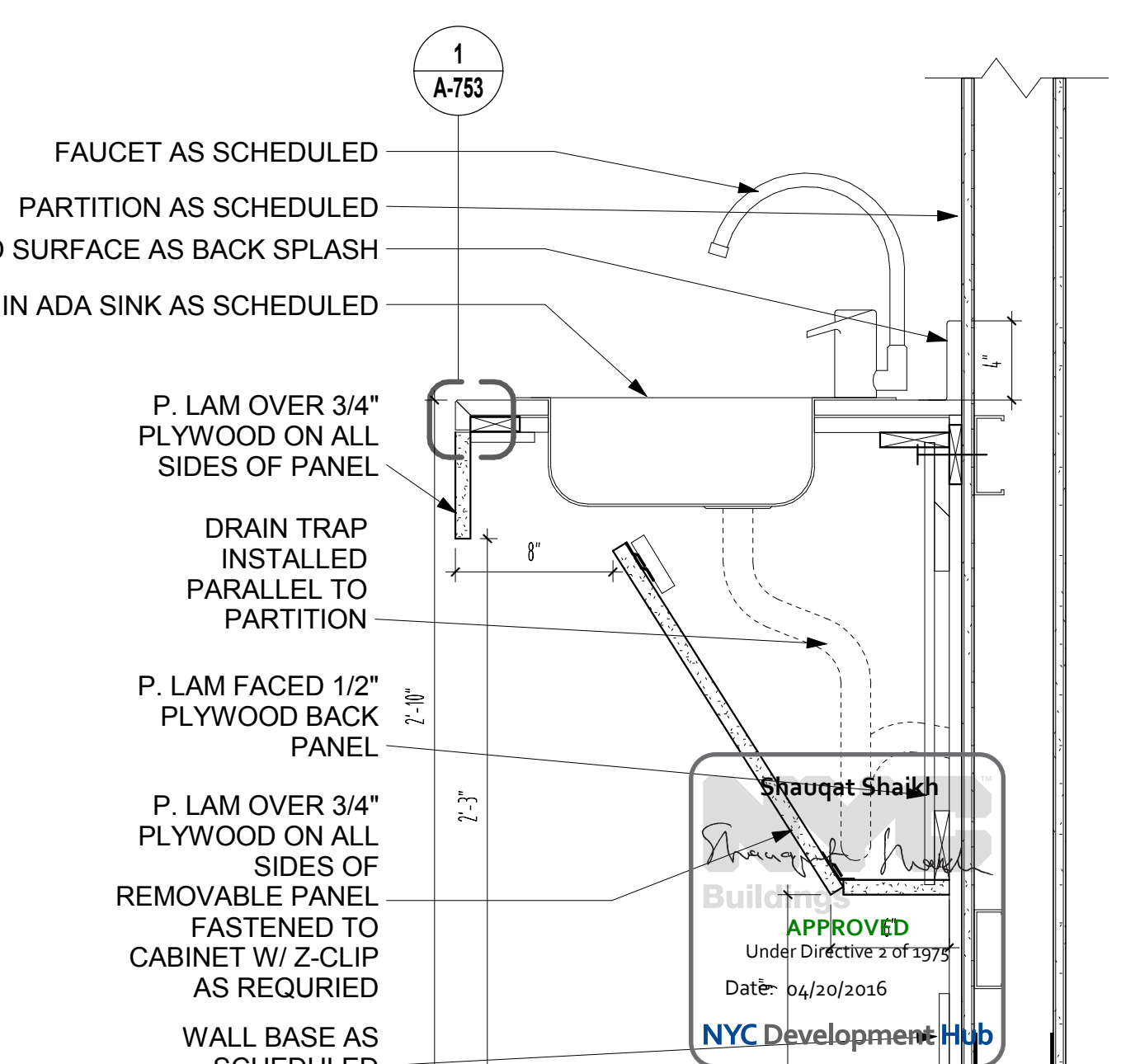
CASEWORK SECTION - TYPE 223
SCALE: 1 1/2" = 1'-0" **4**



CASEWORK SECTION - TYPE 100
SCALE: 1 1/2" = 1'-0" **3**



CASEWORK SECTION - TYPE 156 - W/SINK
SCALE: 1 1/2" = 1'-0" **2**



CASEWORK SECTION - TYPE 141M
SCALE: 1 1/2" = 1'-0" **1**

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

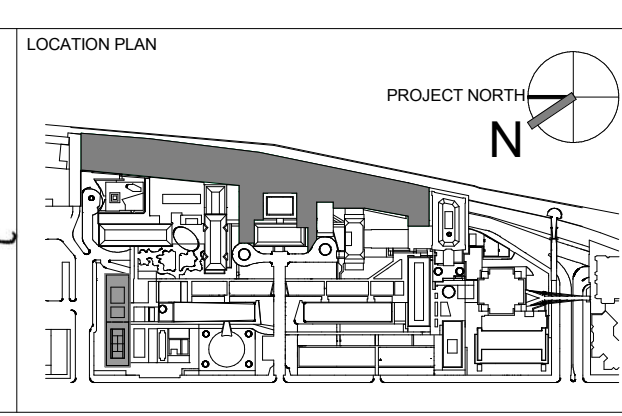
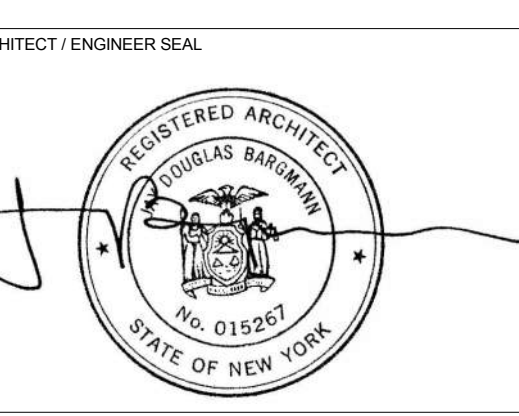
ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
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STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
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MEP / FP ENGINEER
BARD, RAO + ATHANAS
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T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
156 WEST 29TH STREET
NEW YORK, NY 10011
T. 212.201.5790

SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING TITLE
MILLWORK DETAILS

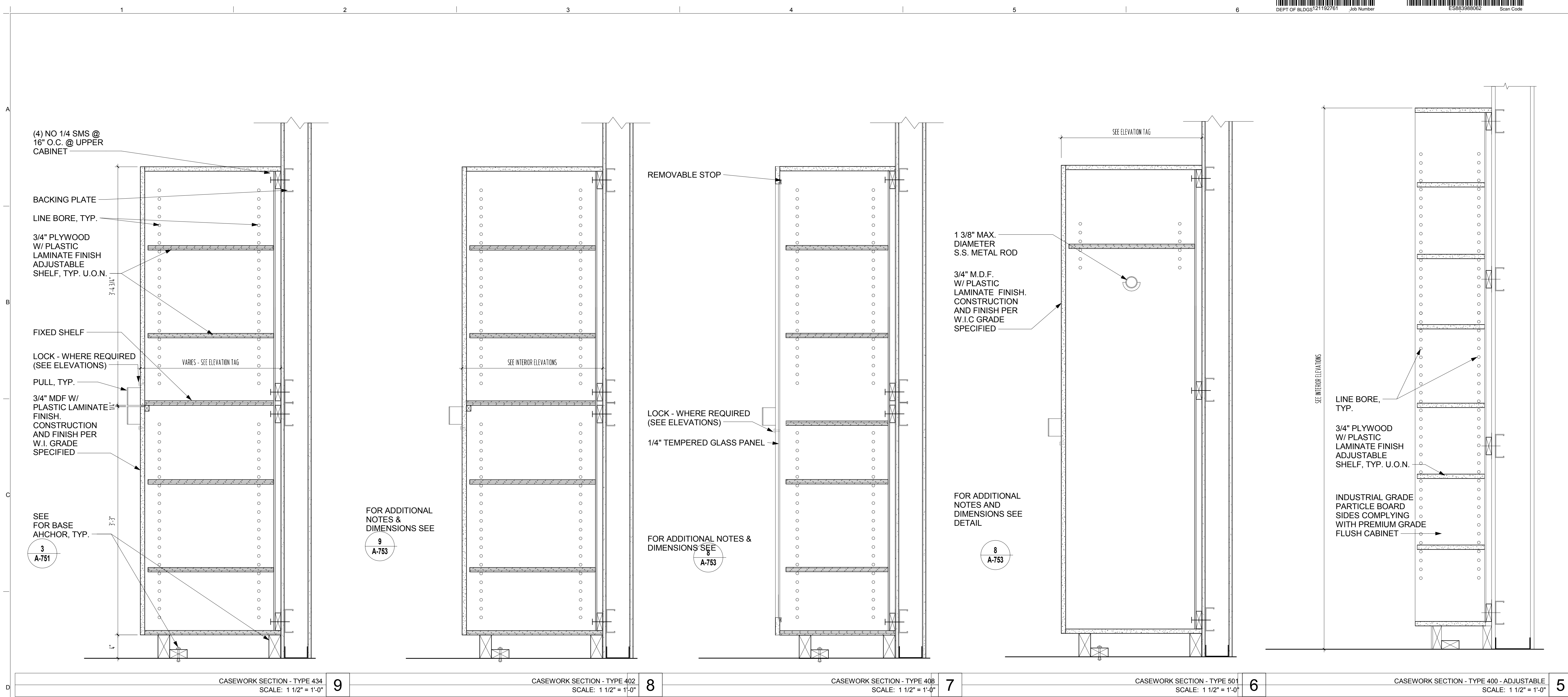
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24" x 36"

DRAWING SCALE
1 1/2" = 1'-0"

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-752.00

Sheet 299 of 315



THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
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STRUCTURAL ENGINEER
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MEP / FP ENGINEER
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INTERIOR LIGHTING DESIGNER
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

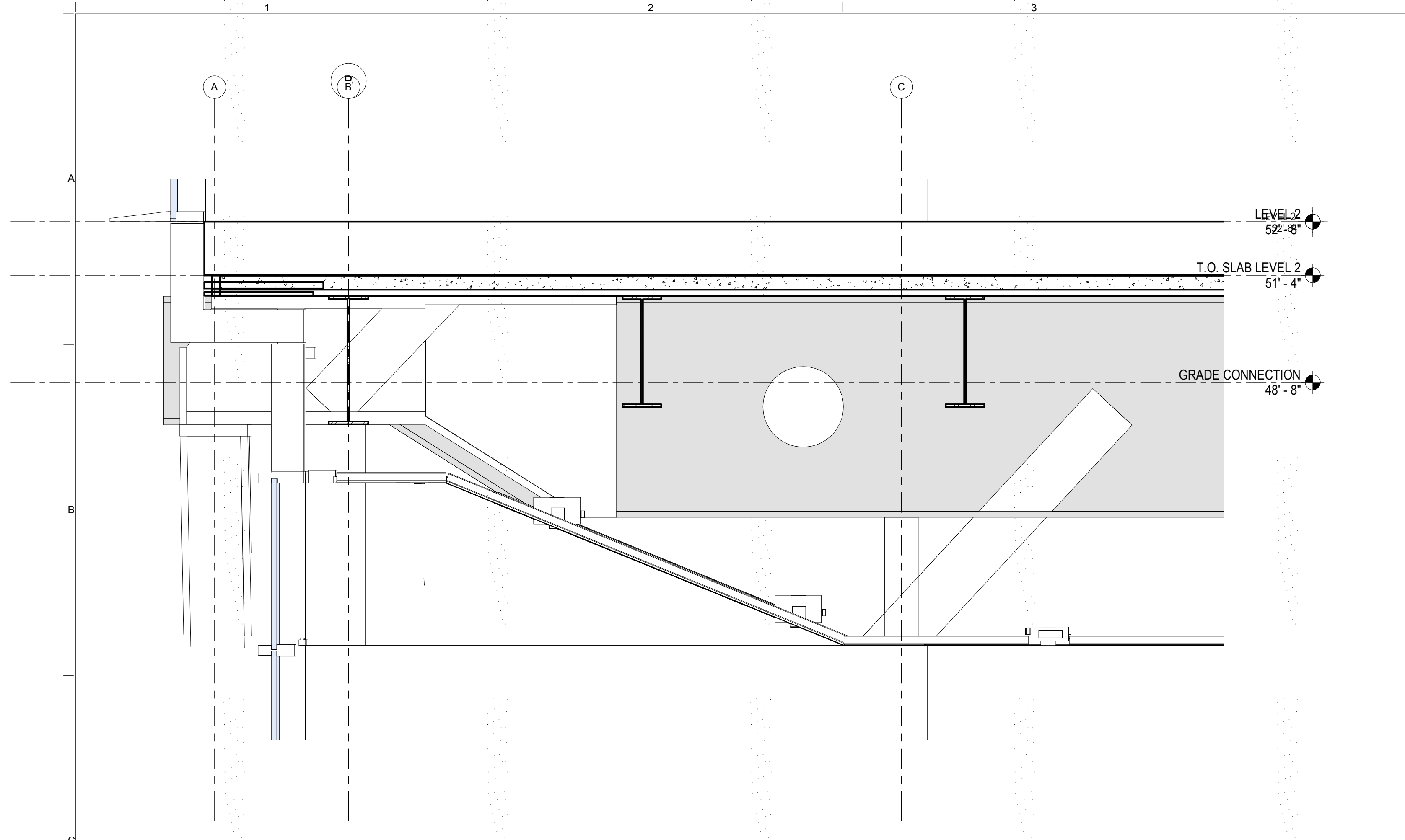
ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
THOMAS BARDWIN
No. 015267
STATE OF NEW YORK

LOCATION PLAN
PROJECT NORTH

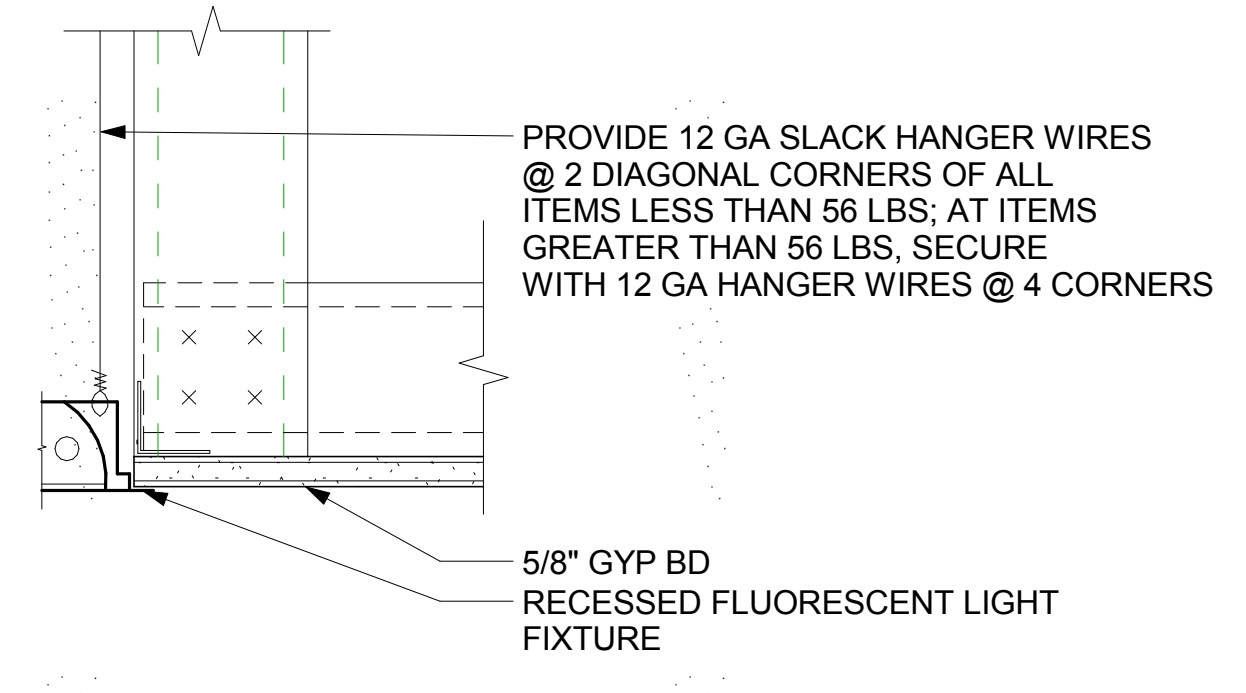
REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER: 664.100
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DRAWING SIZE: 24" x 36"
DRAWING SCALE: As indicated
PROJECT PHASE: CONSTRUCTION DOCUMENTS

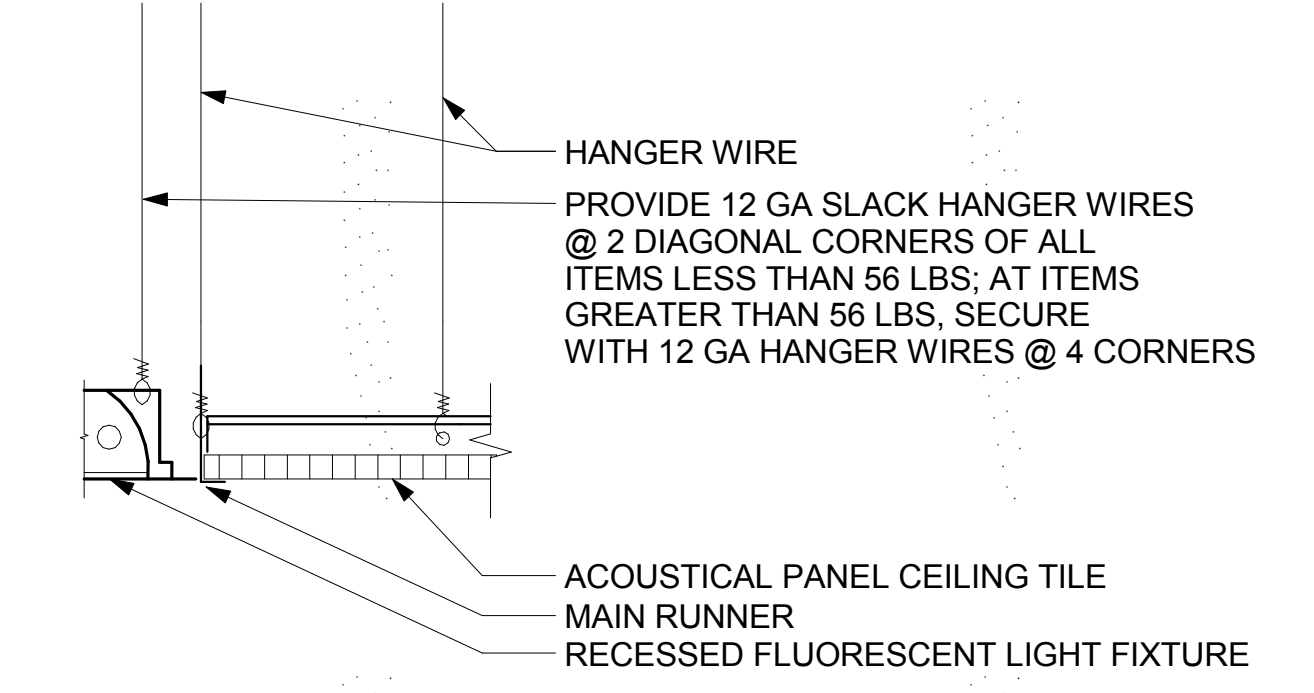
DRAWING NUMBER: A-753.00
Sheet 300 of 315



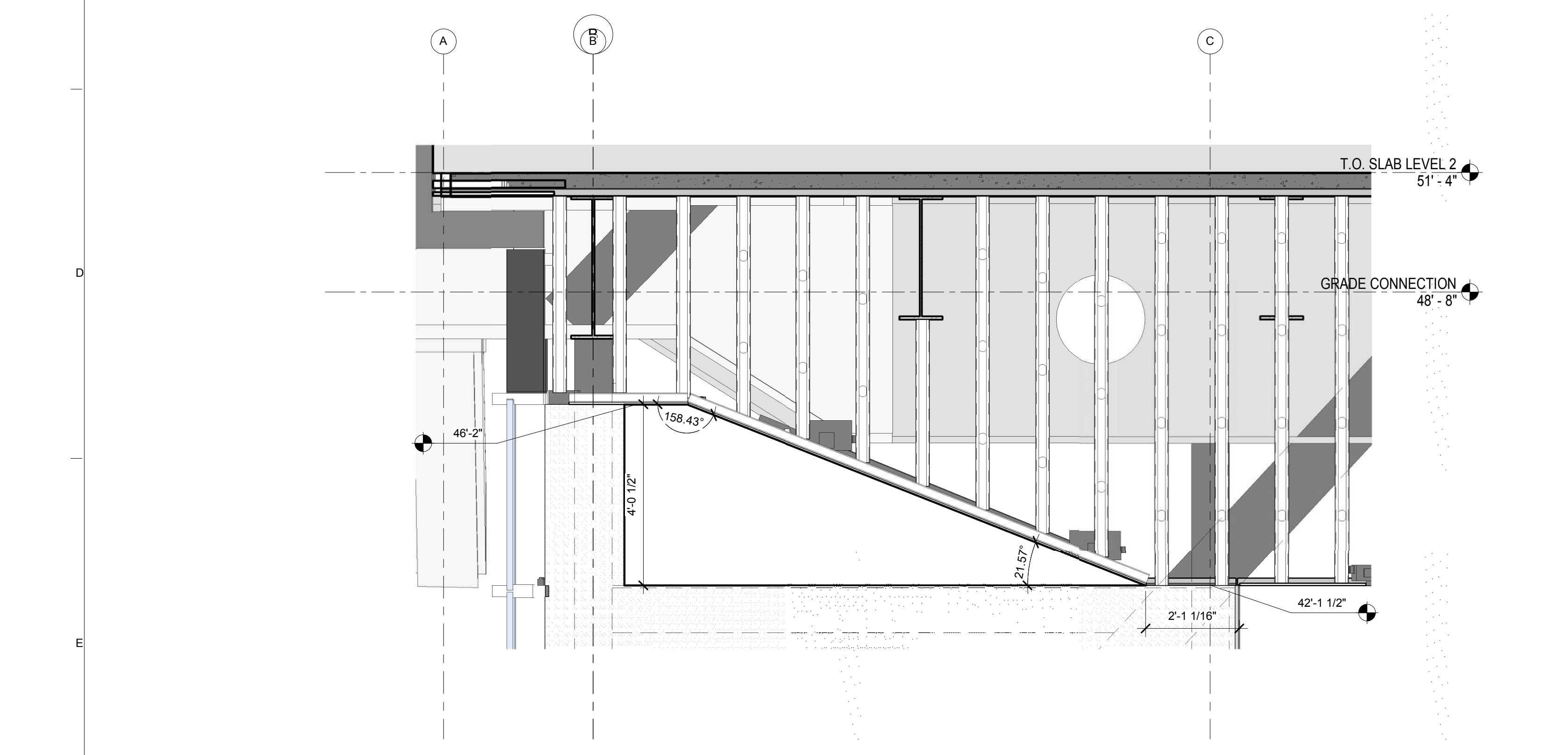
TYPICAL 2ND FL., GYP. CLG. SECTION @ PERIMETER
SCALE: 1/2" = 1'-0" 8



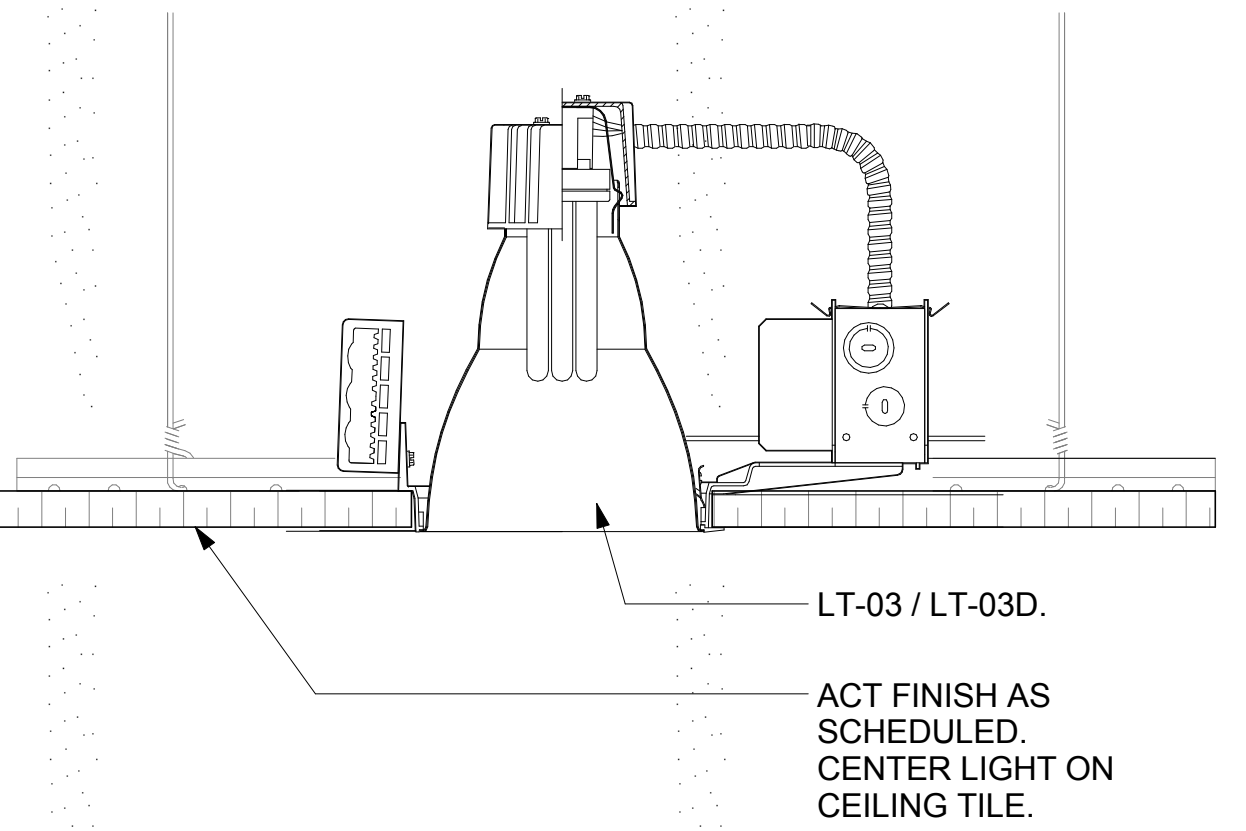
SECTION AT TYPICAL LIGHT FIXTURE IN GYP BD CEILING
SCALE: 3" = 1'-0" 6



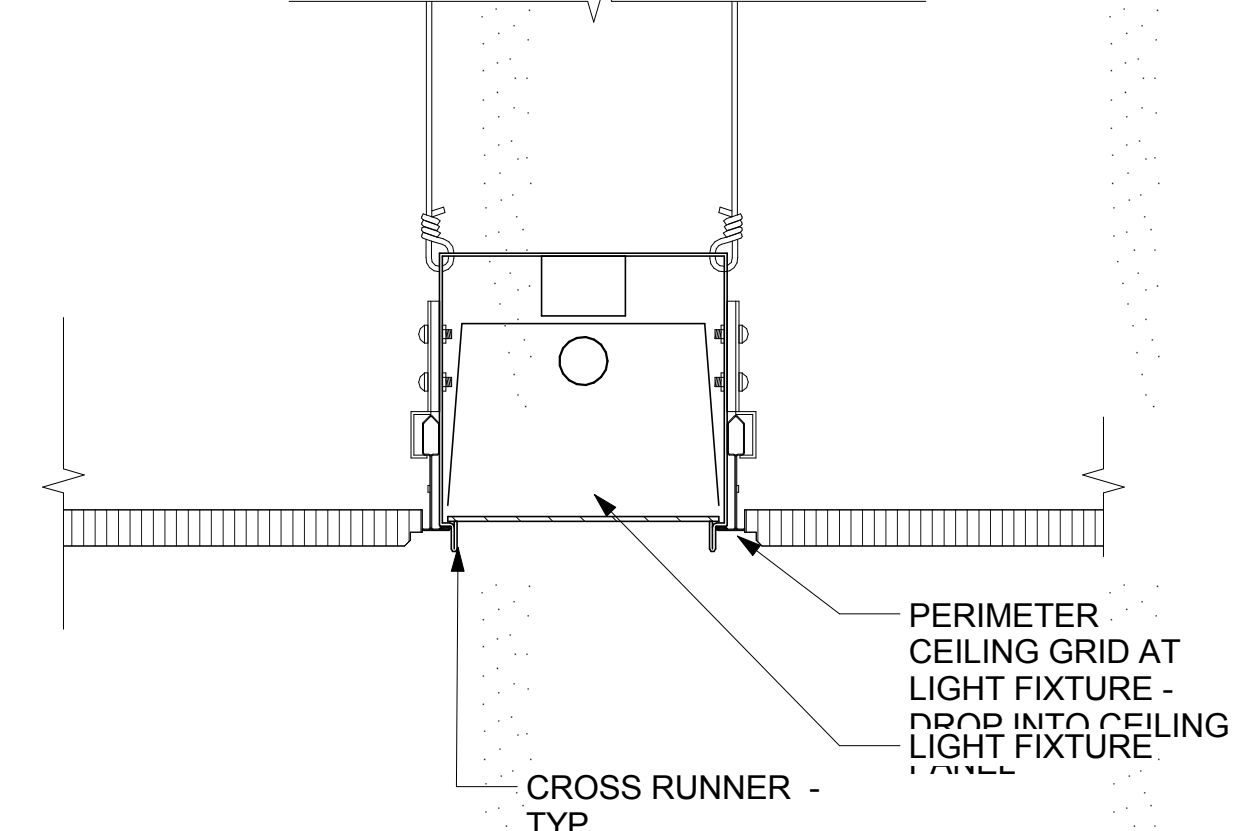
SECTION OF TYPICAL LIGHT FIXTURE/DIFFUSER SUSPENSION
SCALE: 3" = 1'-0" 3



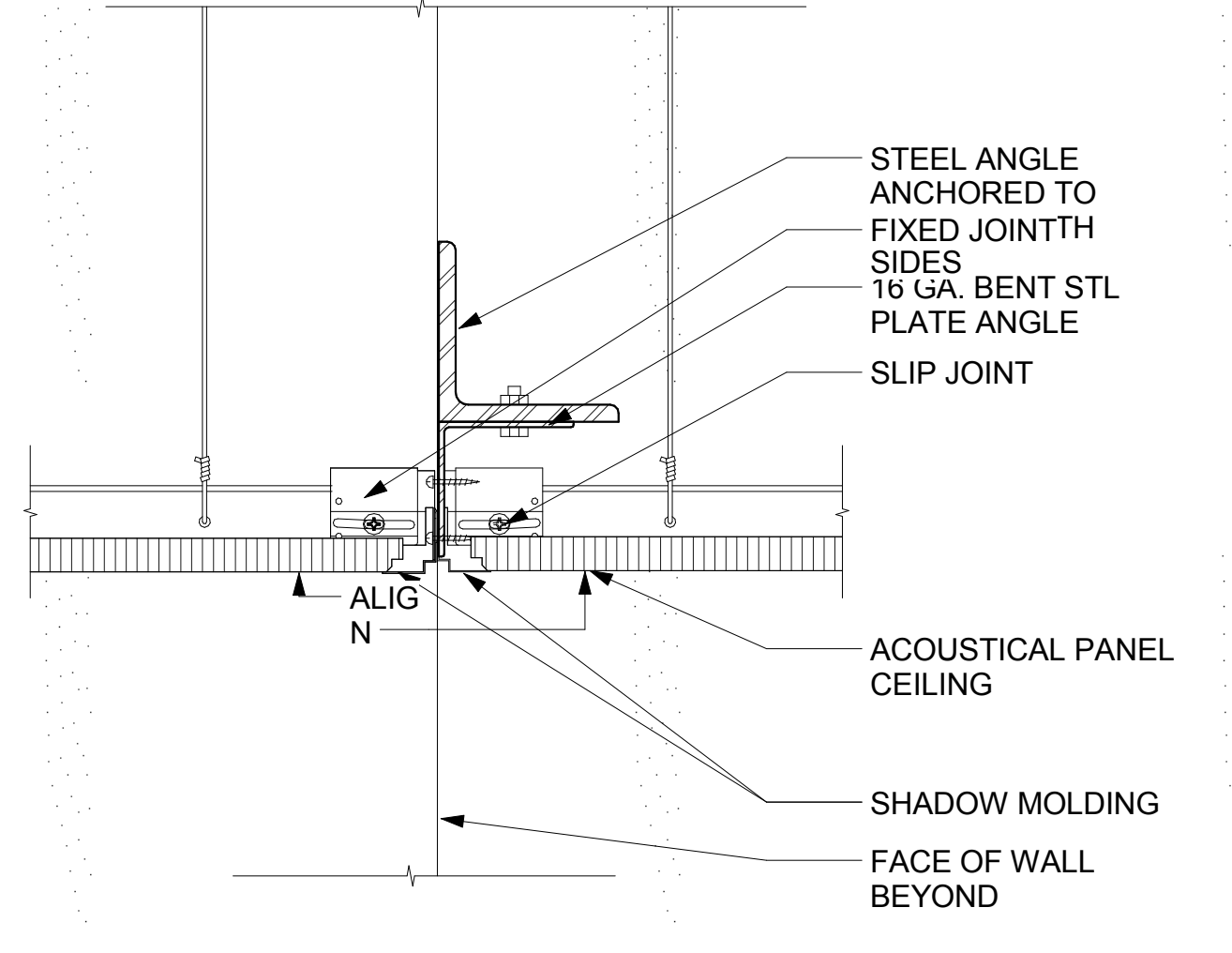
TYPICAL 1ST FL., GYP. CLG. SECTION @ PERIMETER Copy 1
SCALE: 1/2" = 1'-0" 7



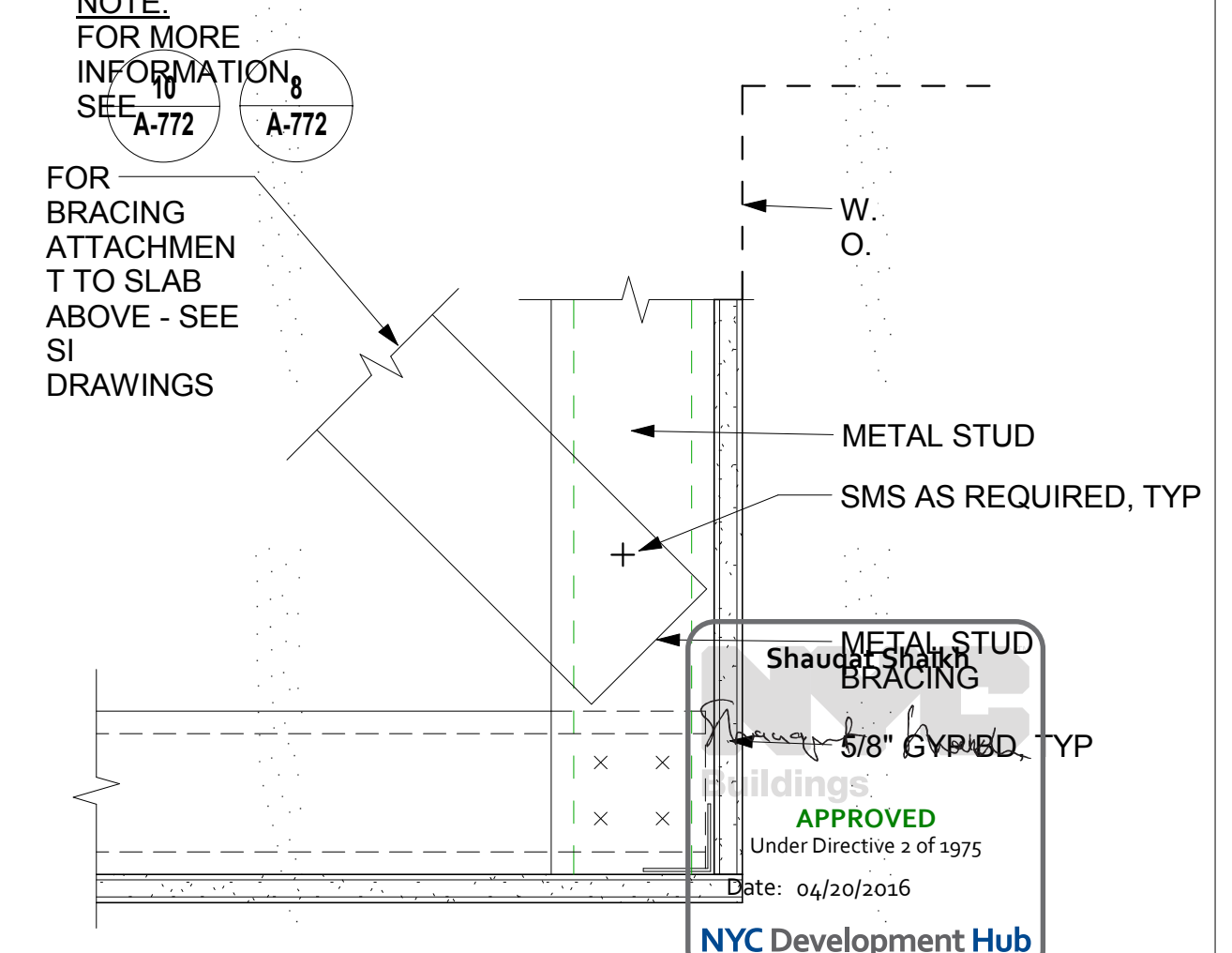
CEILING DETAIL - LT-03 / LT-03D
SCALE: 3" = 1'-0" 5



LIGHT FIXTURE SUPPORT DETAIL
SCALE: 3" = 1'-0" 2



ACT TO ACT TRANSITION AT INTERSECTION
SCALE: 3" = 1'-0" 4



GYP BD SOFFIT
SCALE: 3" = 1'-0" 1

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
RAFAEL VINOLY ARCHITECTS
50 VANDAM STREET
NEW YORK, NY 10013
T. 212.924.5060 F. 212.924.5858

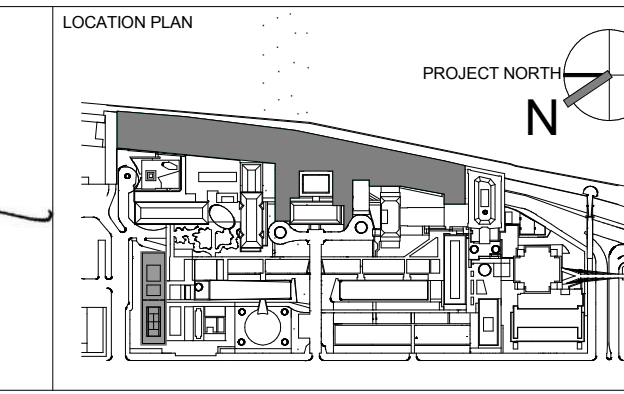
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
105 MADISON AVENUE, 10TH FL
NEW YORK, NY 10016
T. 212.840.0060

INTERIOR LIGHTING DESIGNER
ONE LUX STUDIO
156 WEST 29TH STREET
NEW YORK, NY 10011
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
THOMAS BARDINI
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
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ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

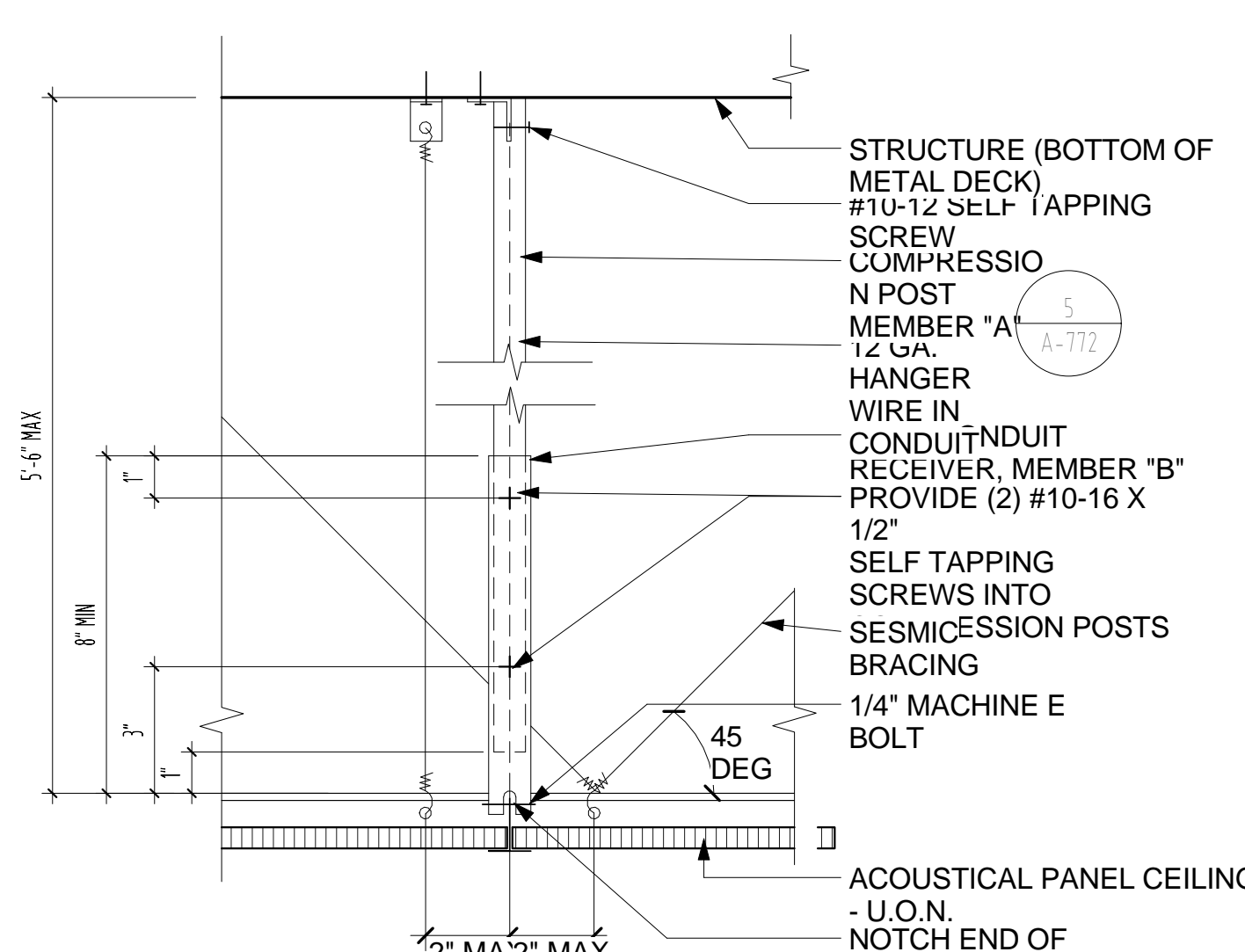
DRAWING SCALE
As Indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
CEILING SYSTEMS & DETAILS

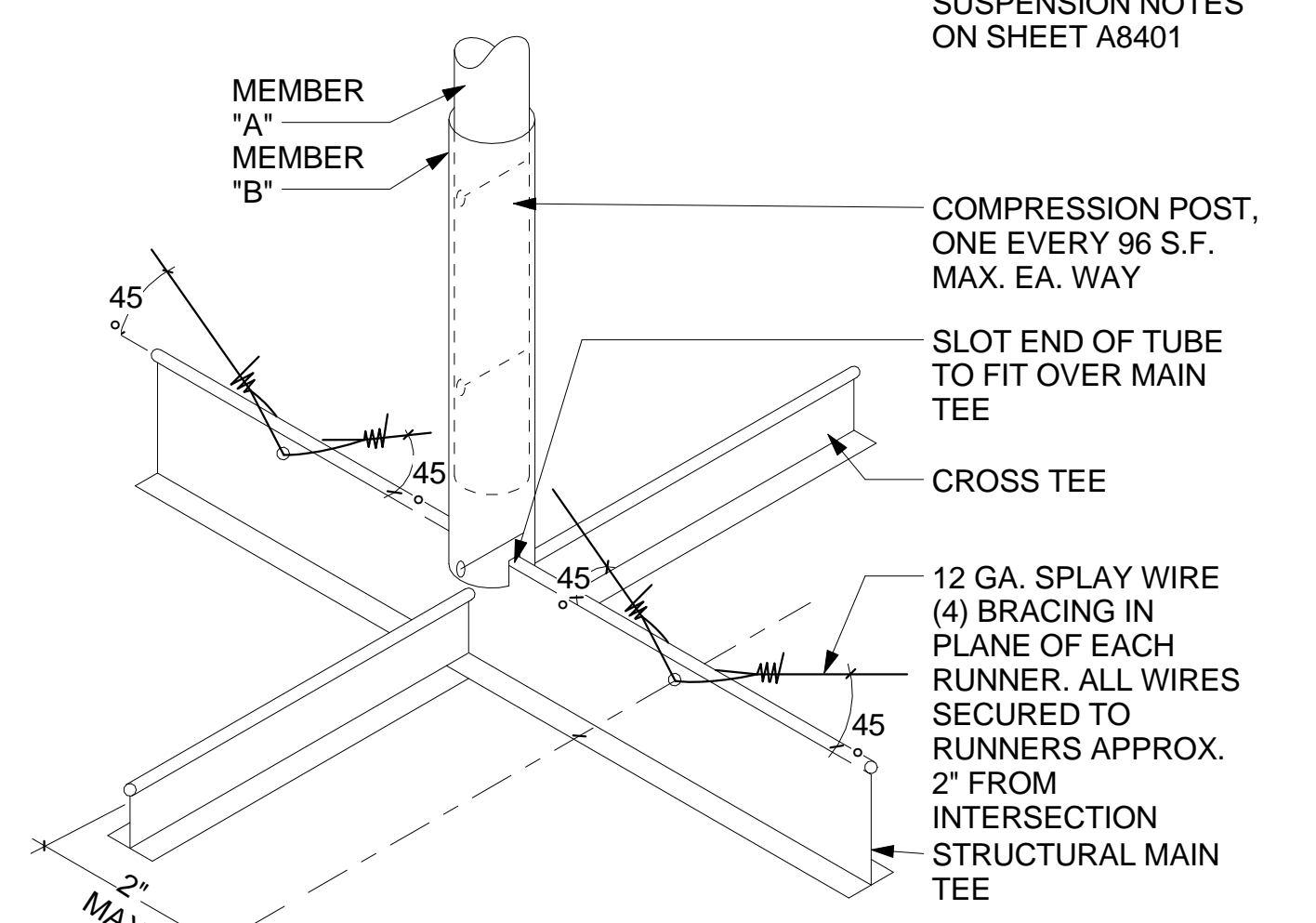
DRAWING NUMBER
A-771.00

Sheet 301 of 315

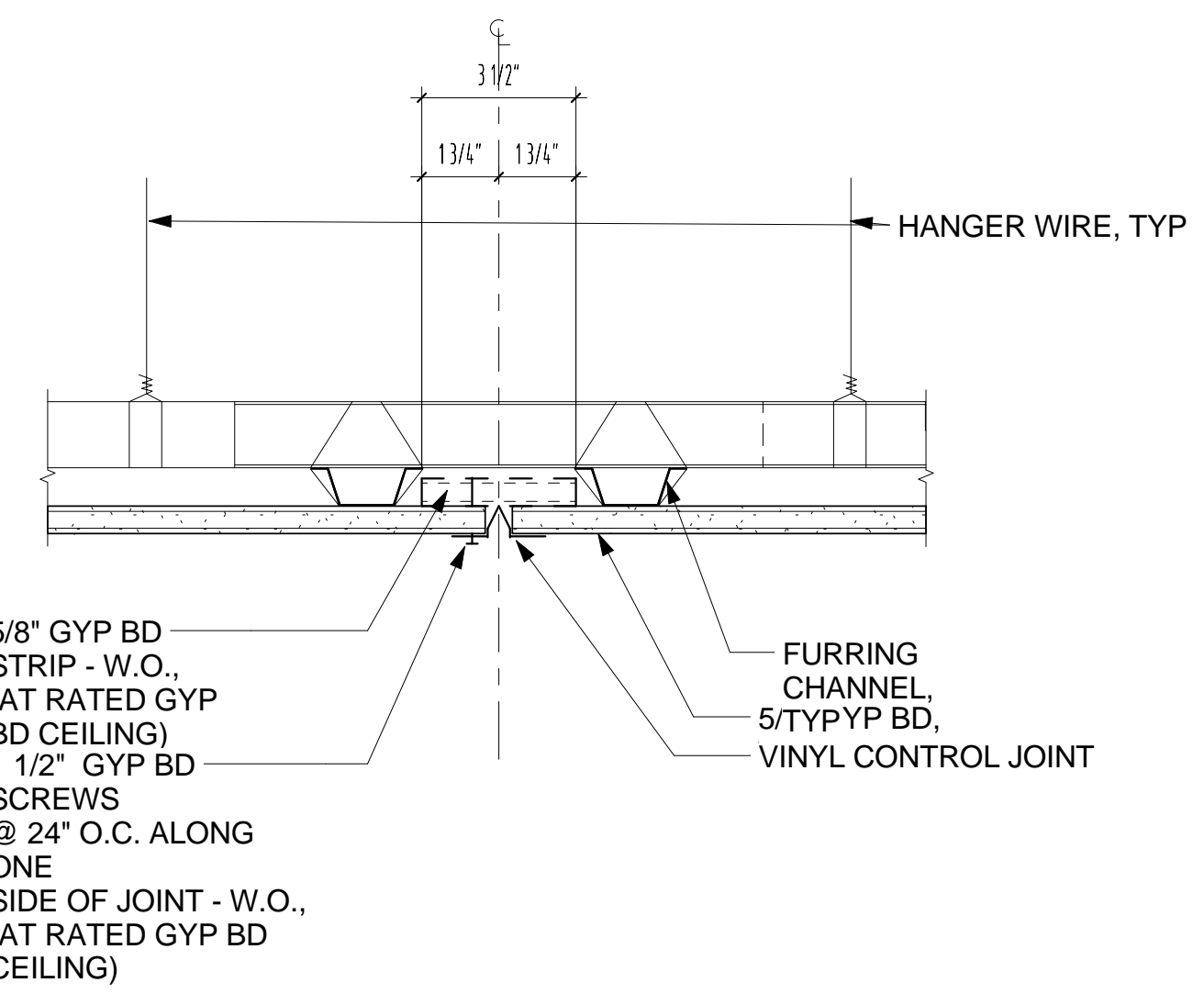


AT CONTRACTOR'S OPINION, USE 2 1/2" X 20 GA STUD W/ 1 3/8" FLANGES (250S137-33) COMPRESSION POST WITH (2) #10 SMS TO MAIN TEE AND (2) PDF SPACED AT 4" O.C. TO DECK ABOVE

ACOUSTIC CEILING SEISMIC RESTRAINT
3" ± 1'-0"

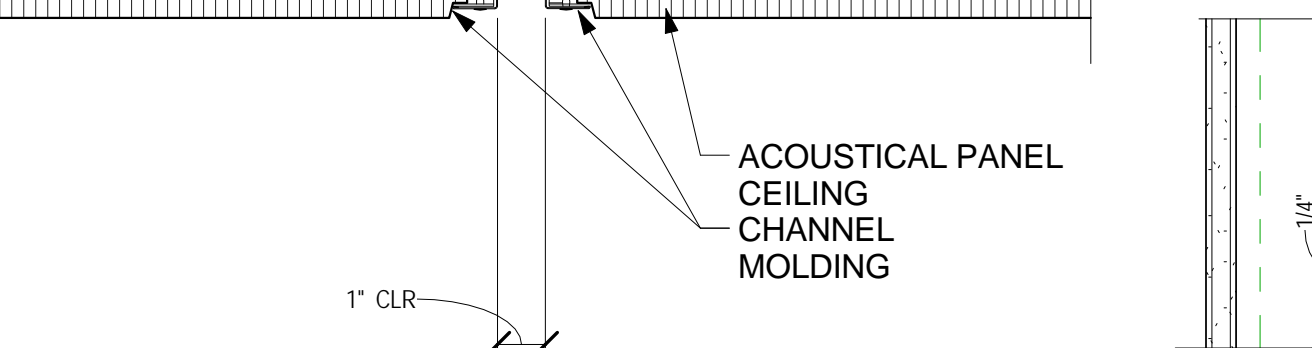


COMPRESSION POST				
MAX. LENGTH	SCHEDULE	KI	MEMBER	KI/
5'-6"	1" O.D.	20	1 1/4" O.D.	15
7'-0"	1 1/4" O.D.	00	EMT" O.D.	15
	EMT	0	EMT	6



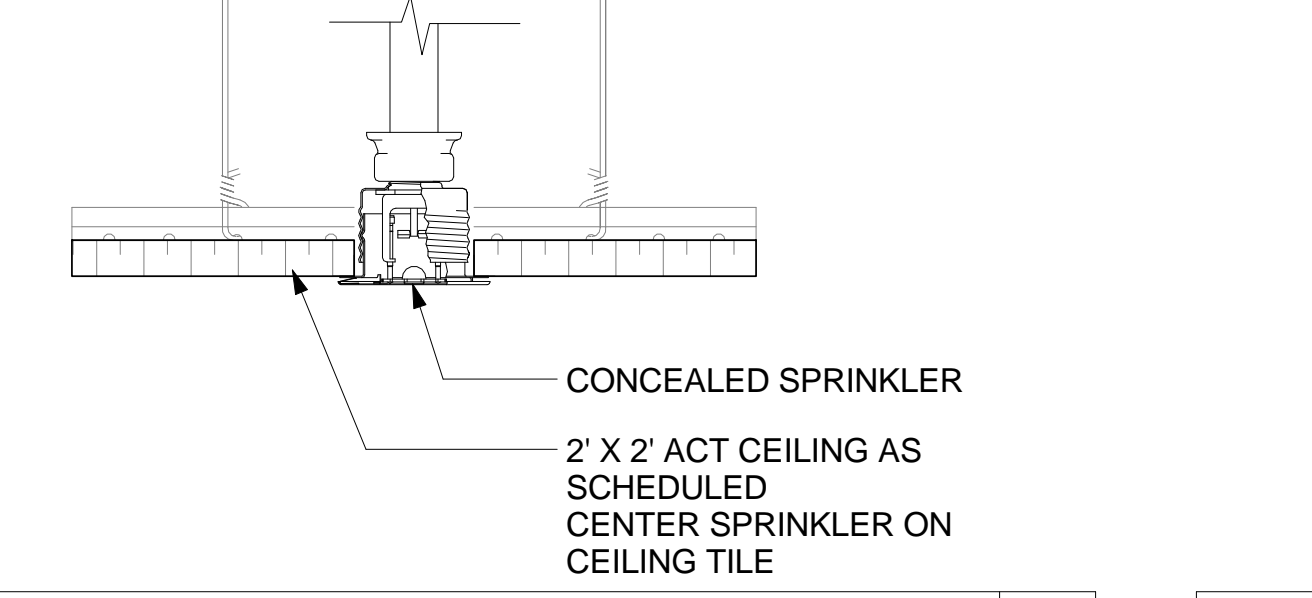
CONTROL JOINT @ GYP BD CEILING
3" ± 1'-0"

POP RIVET - THIS SIDE ONLY
FASCIA MOLDING

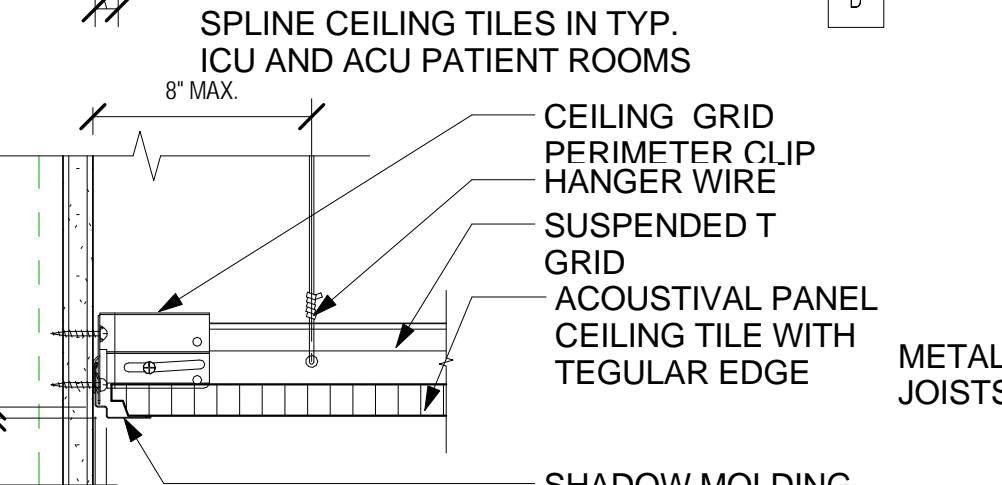
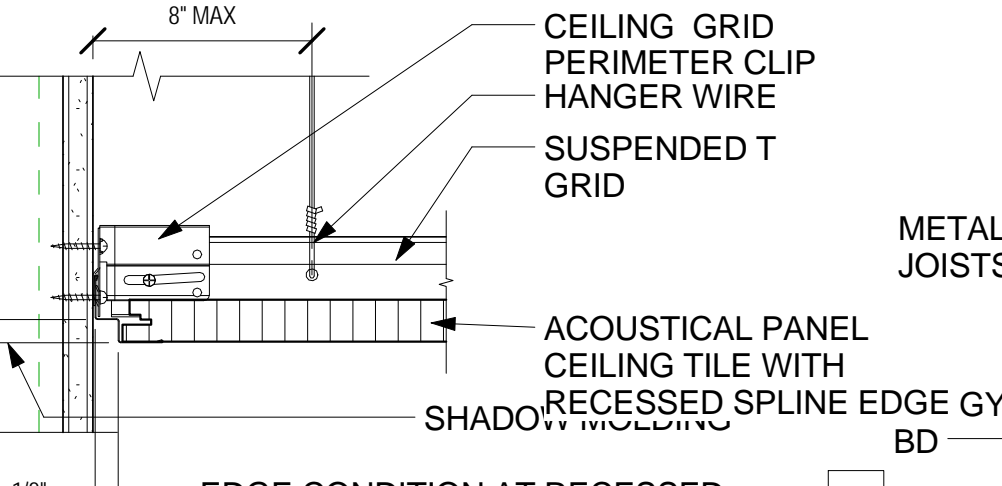


ACOUSTICAL PANEL CEILING AT TEGULAR TILES
3" ± 1'-0"

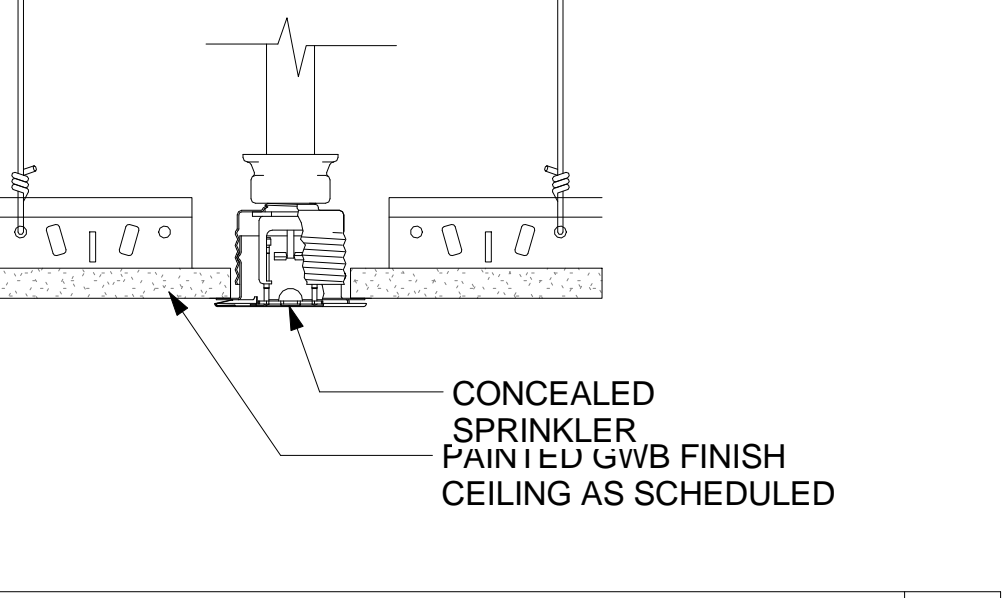
SUSPENDED CEILING GRID PERIMETER CONNECTION
3" ± 1'-0"



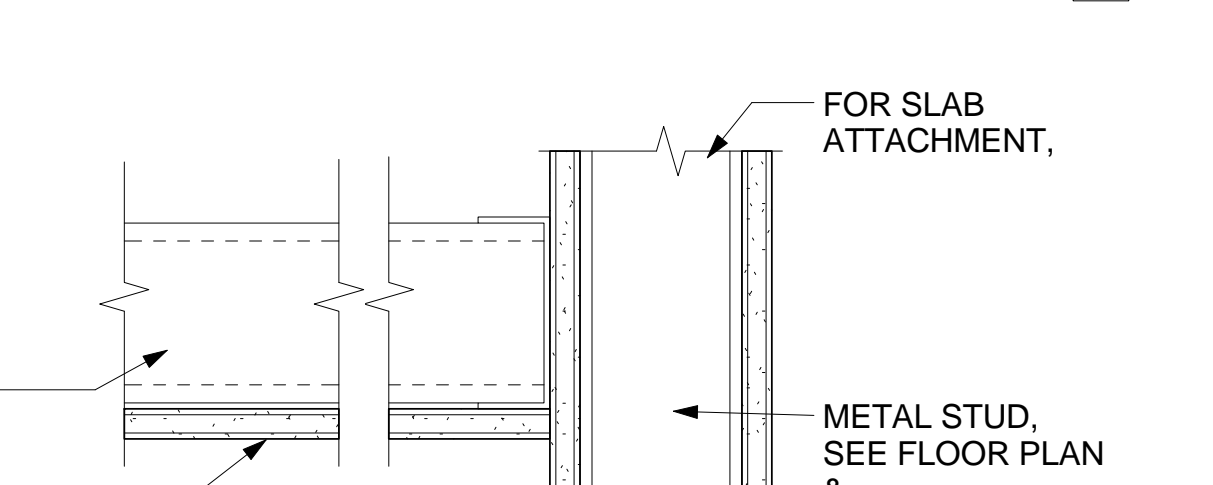
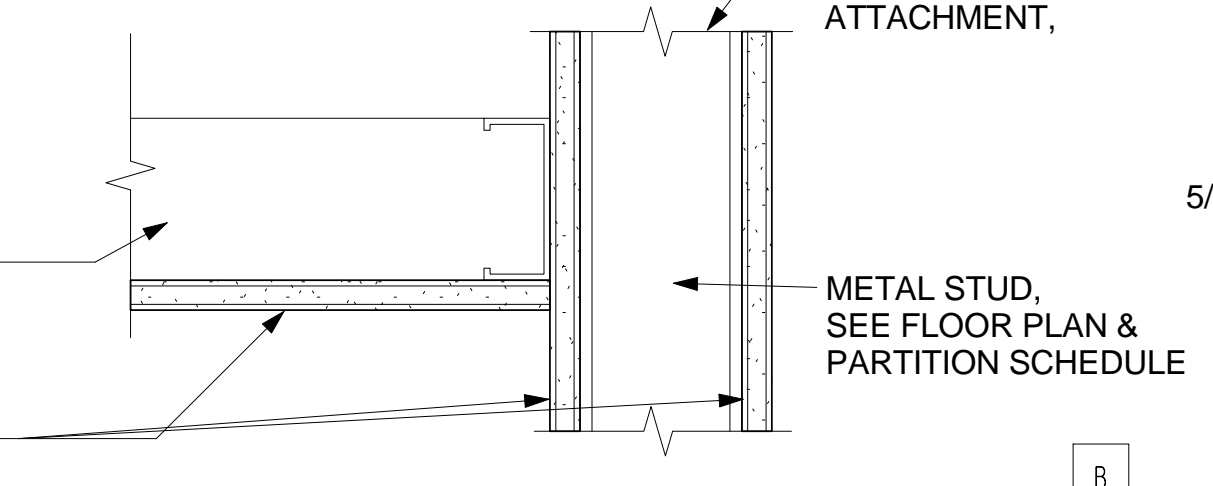
TYPICAL CEILING DETAIL - CONCEALED SPRINKLER IN GWB CEILING
3" ± 1'-0"



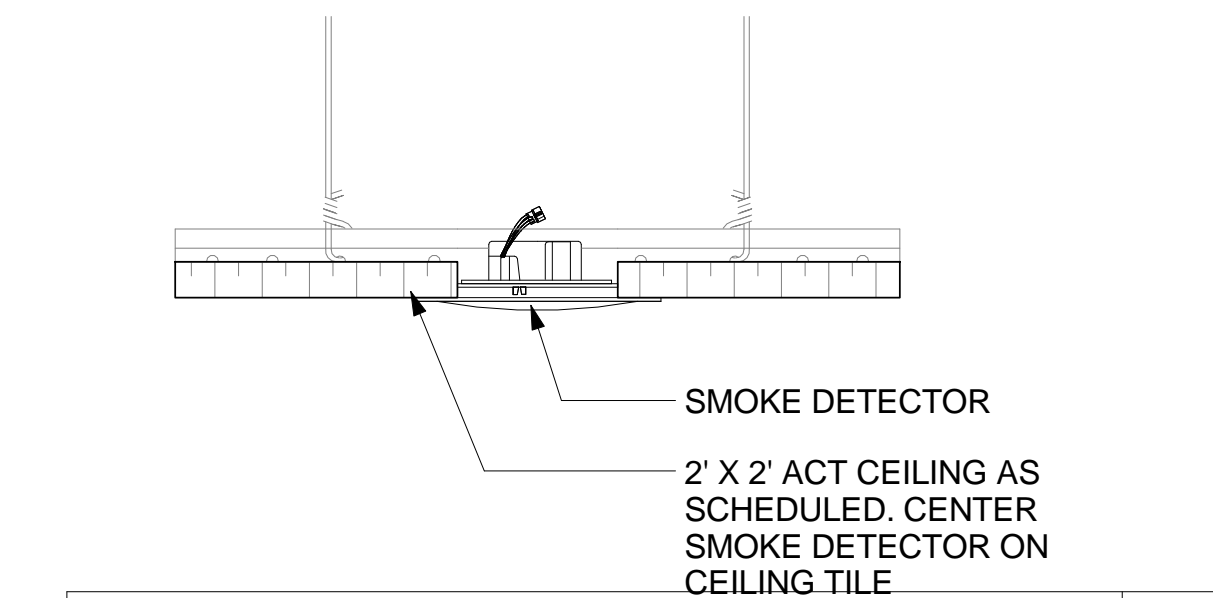
TYPICAL GYP BD CEILING PERIMETER (RATED PARTITION)
3" ± 1'-0"



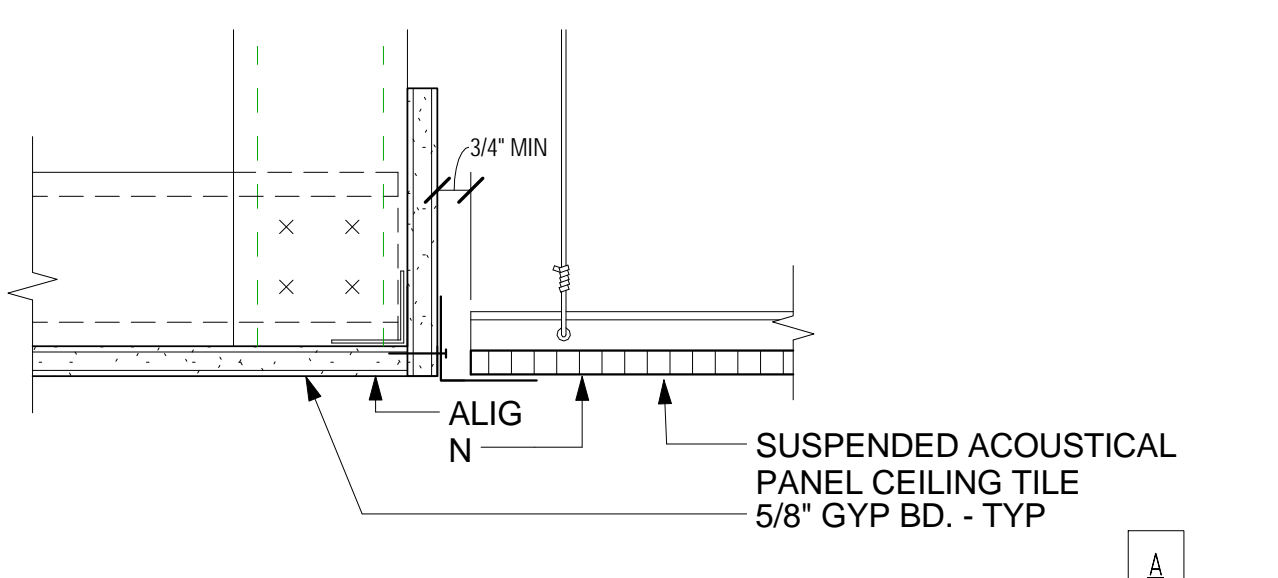
TYPICAL CEILING DETAIL - CONCEALED SPRINKLER IN GWB CEILING
3" ± 1'-0"



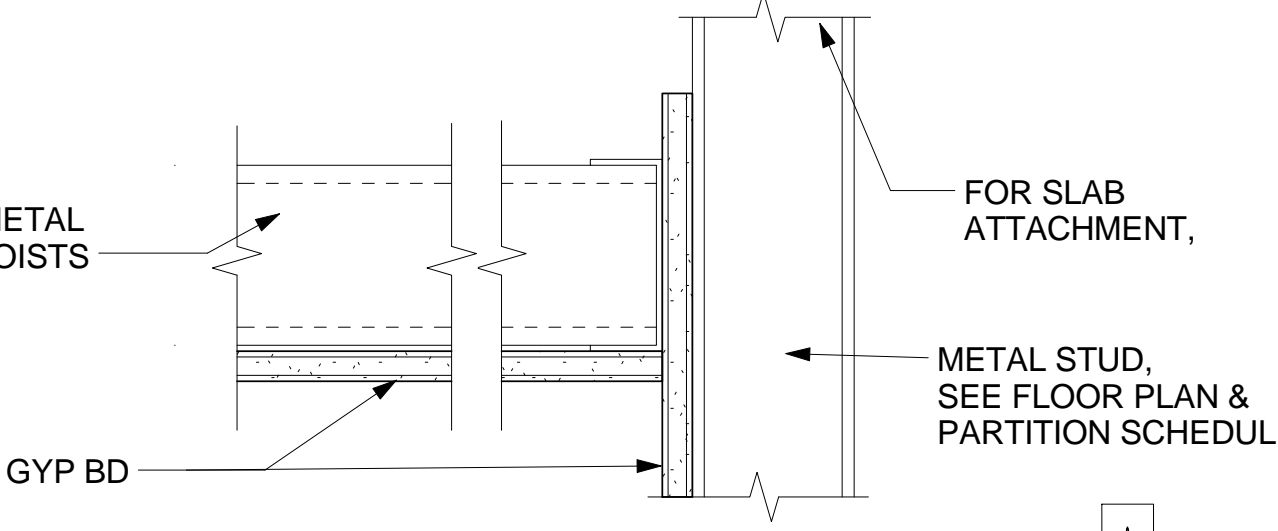
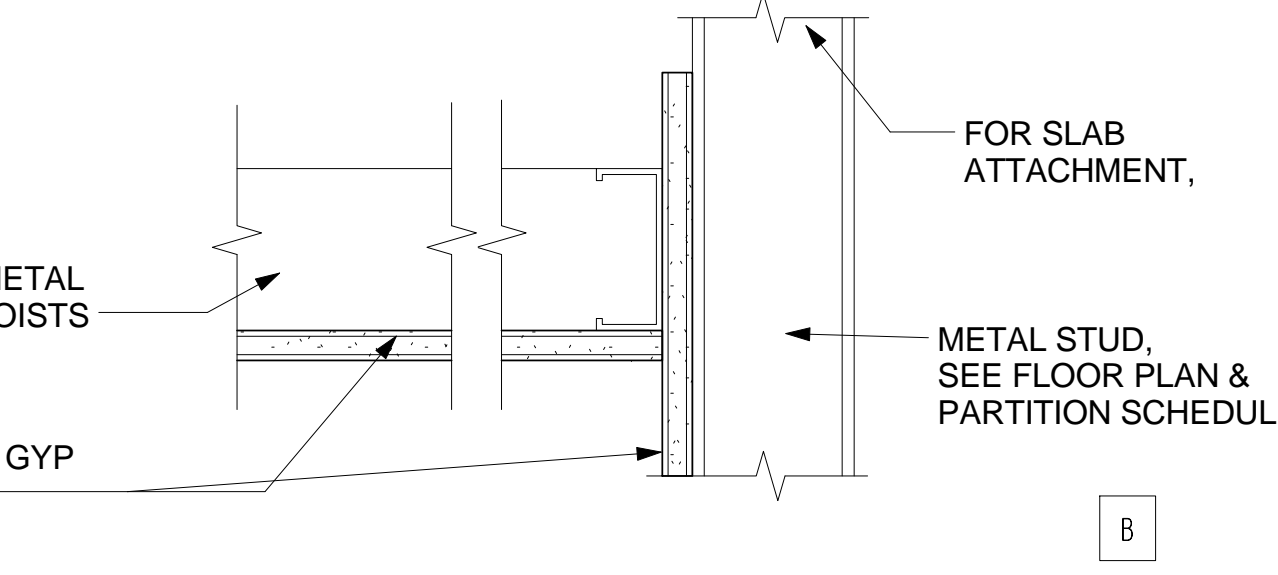
TYPICAL GYP BD CEILING PERIMETER (RATED PARTITION)
3" ± 1'-0"



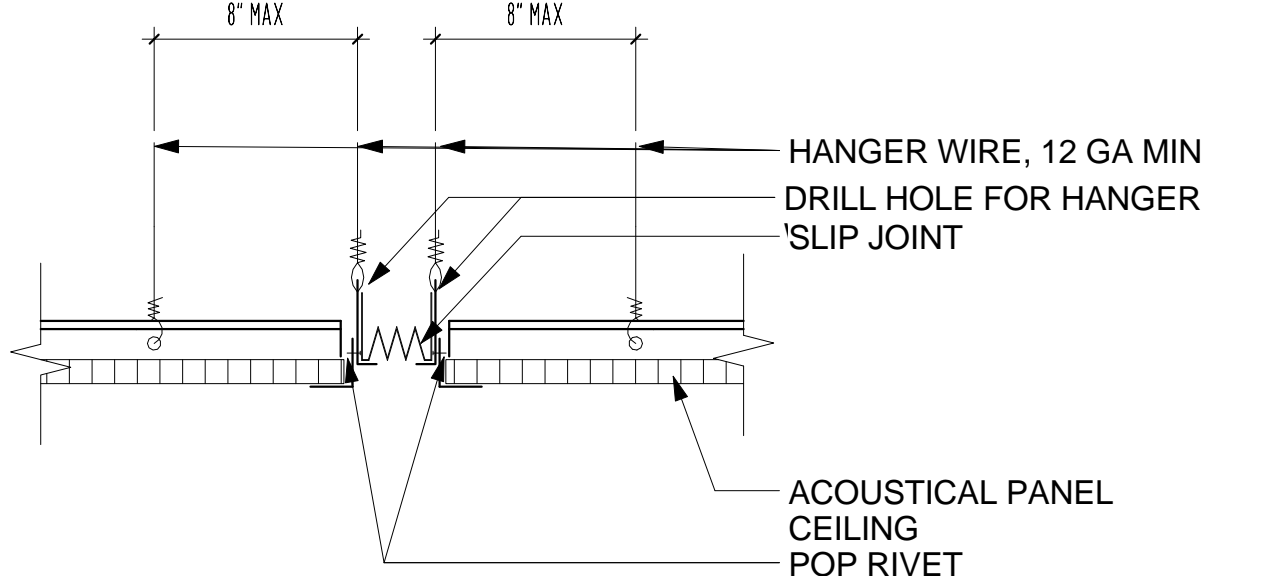
TYPICAL CEILING DETAIL - SMOKE DETECTOR IN GWB CEILING
3" ± 1'-0"



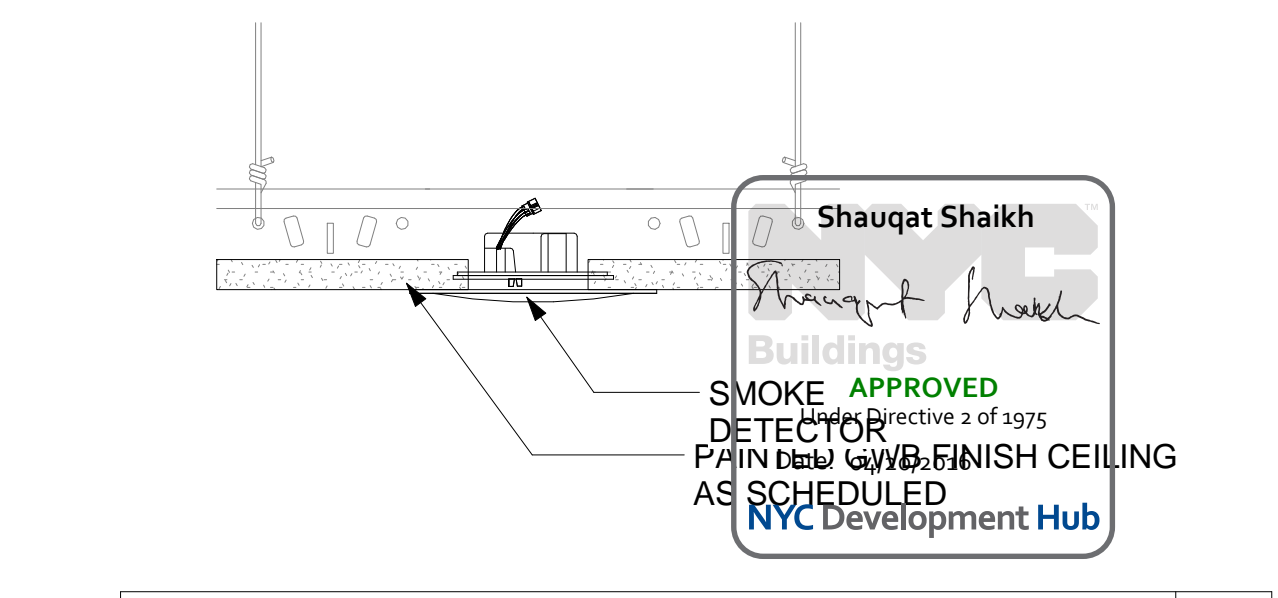
ACOUSTICAL TILE TO GYP BD TRANSITION
3" ± 1'-0"



TYPICAL GYP BD CEILING PERIMETER (Non-Rated Partition)
3" ± 1'-0"



ACOUSTICAL PANEL CEILING AT EXPOSED T GRID
3" ± 1'-0"



TYPICAL CEILING DETAIL - SMOKE DETECTOR IN GWB CEILING
3" ± 1'-0"

Shauqat Shaikh
Shauqat Shaikh
Buildings
SMOKE DETECTOR APPROVED
PAINTEGWB FINISH CEILING AS SCHEDULED
NYC Development Hub

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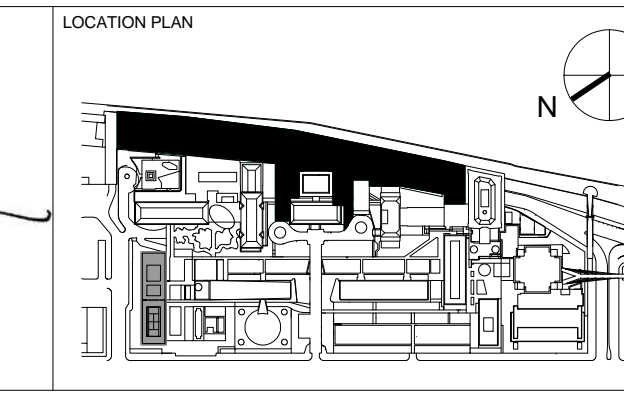
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STATE OF NEW YORK

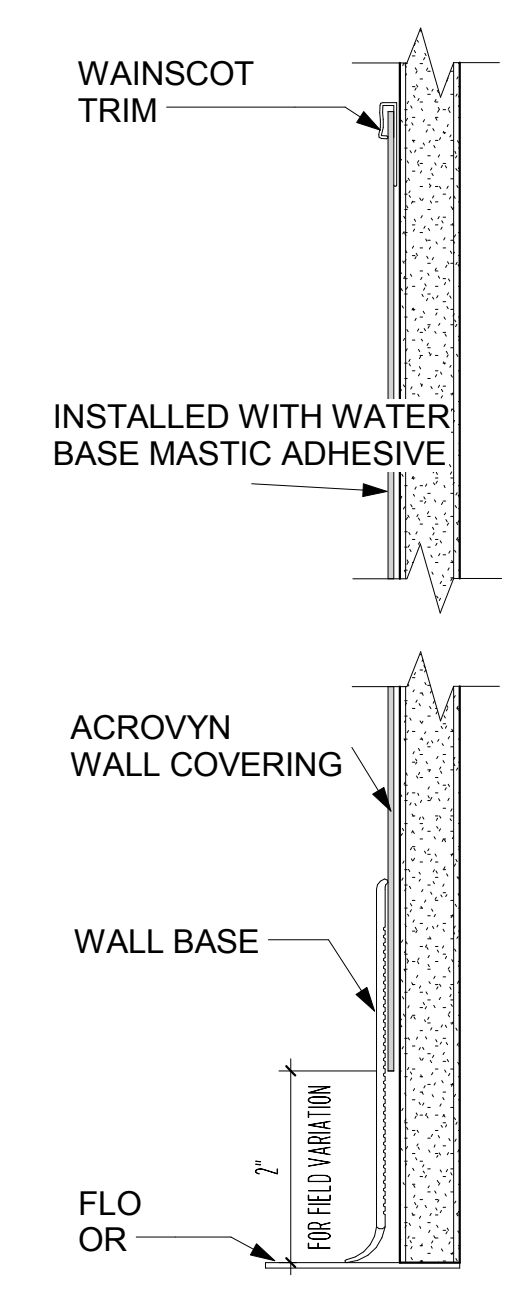


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D	DESIGN DEVELOPMENT	27-FEB-15
T	DOB SUBMISSION - RB	16-DEC-15

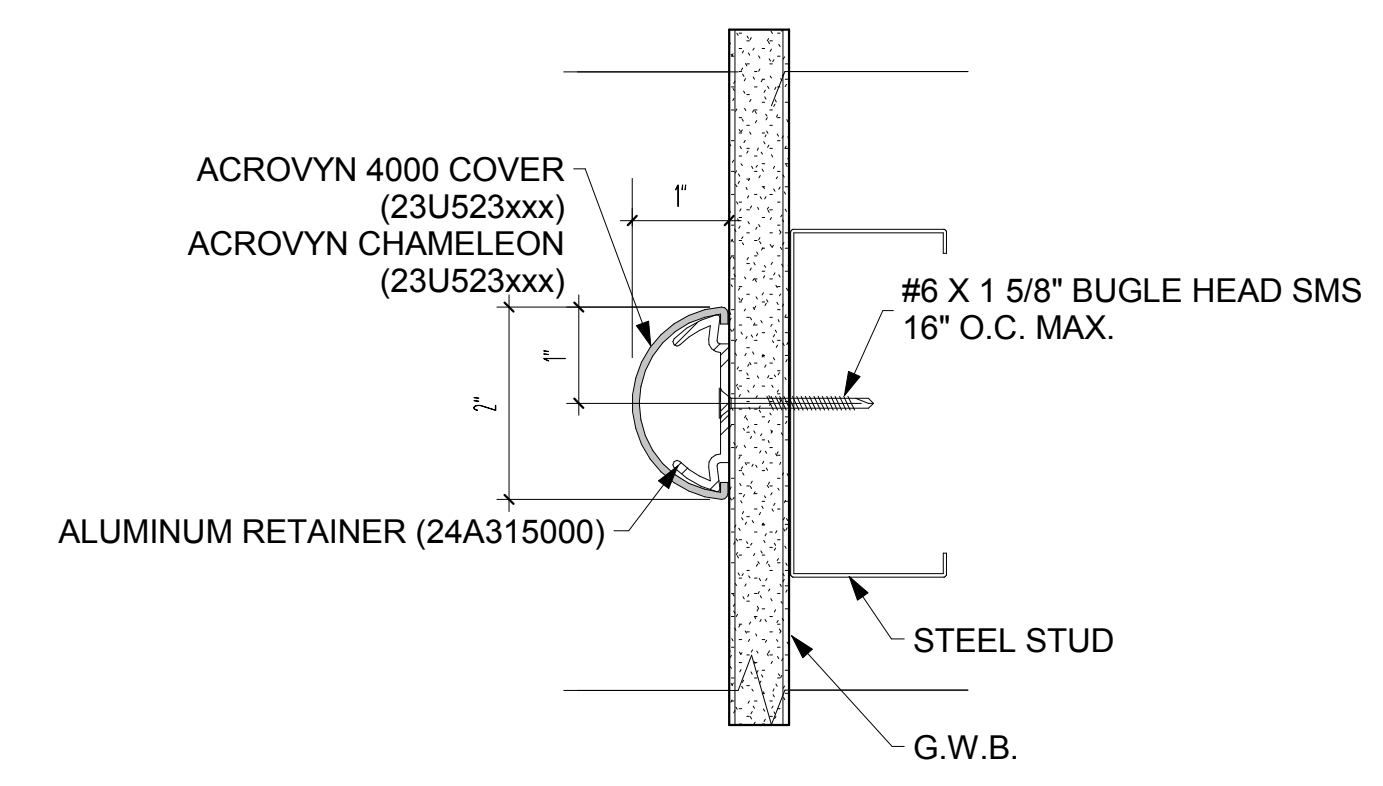
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DRAWING SCALE: 3" = 1'-0"
PROJECT PHASE: CONSTRUCTION DOCUMENTS

DRAWING TITLE: **CEILING SYSTEMS & DETAILS**

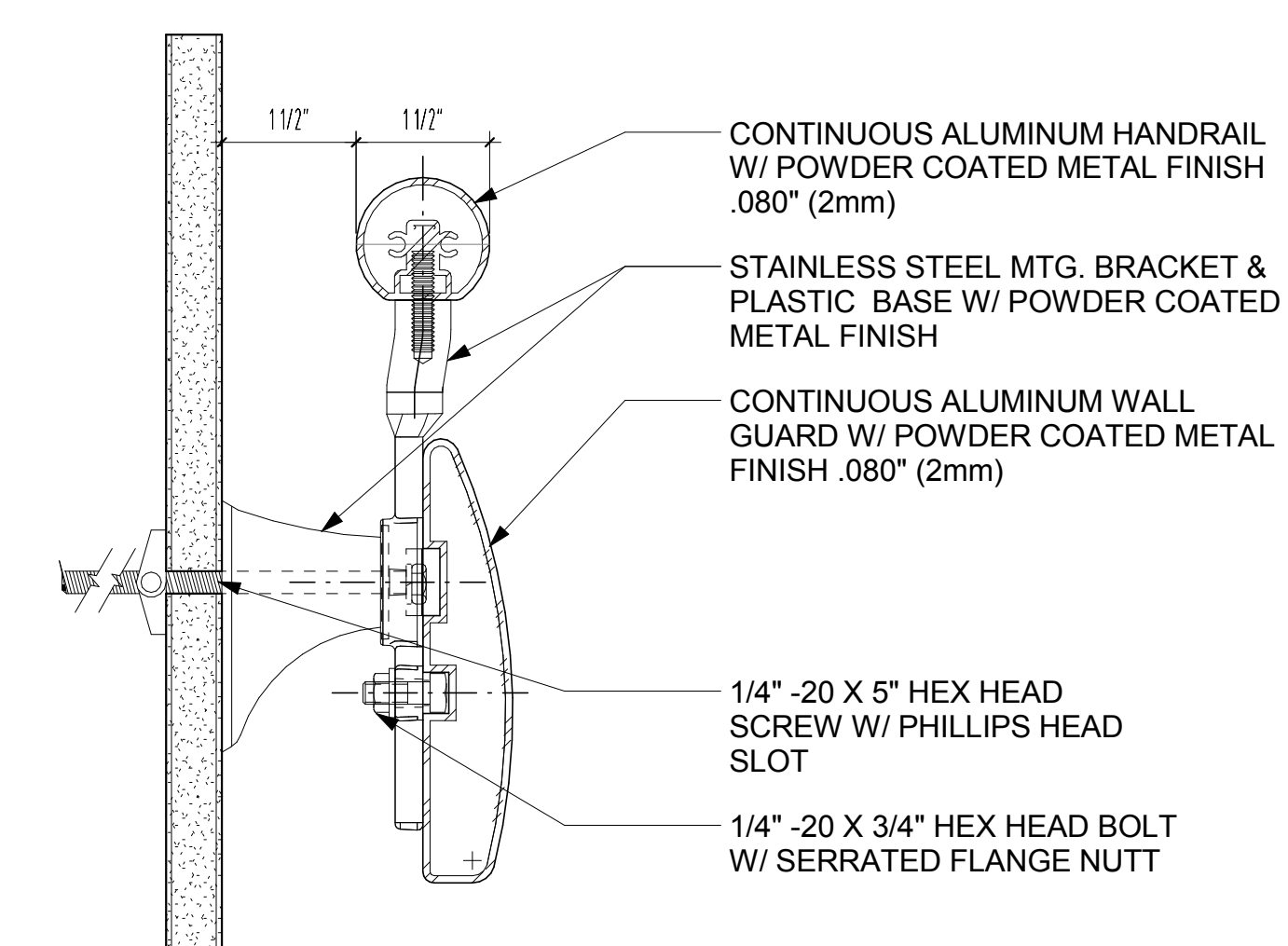
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Sheet 302 of 315



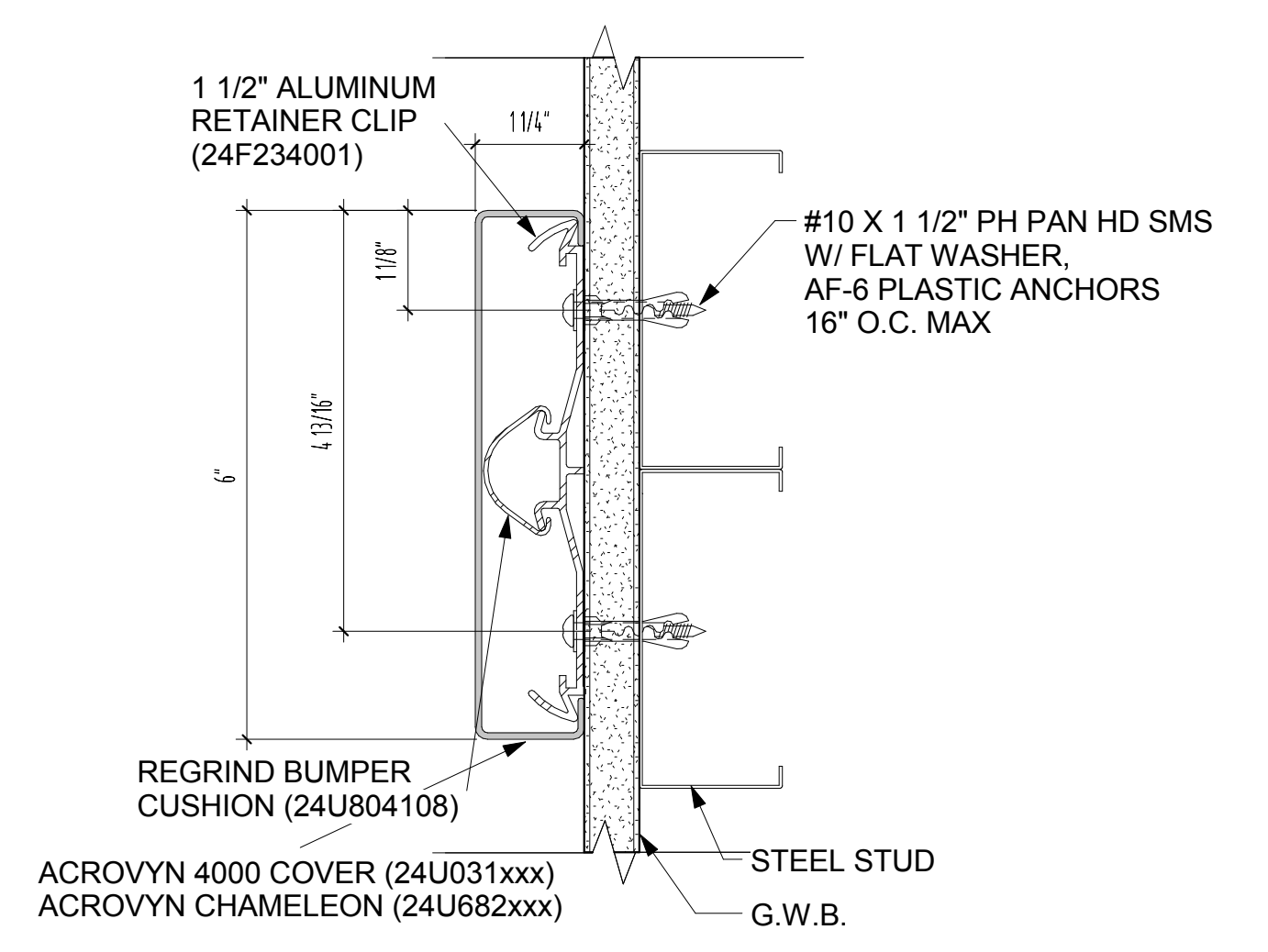
WP - WALL PROTECTION 1
 SCALE: 6" = 1'-0" **13**



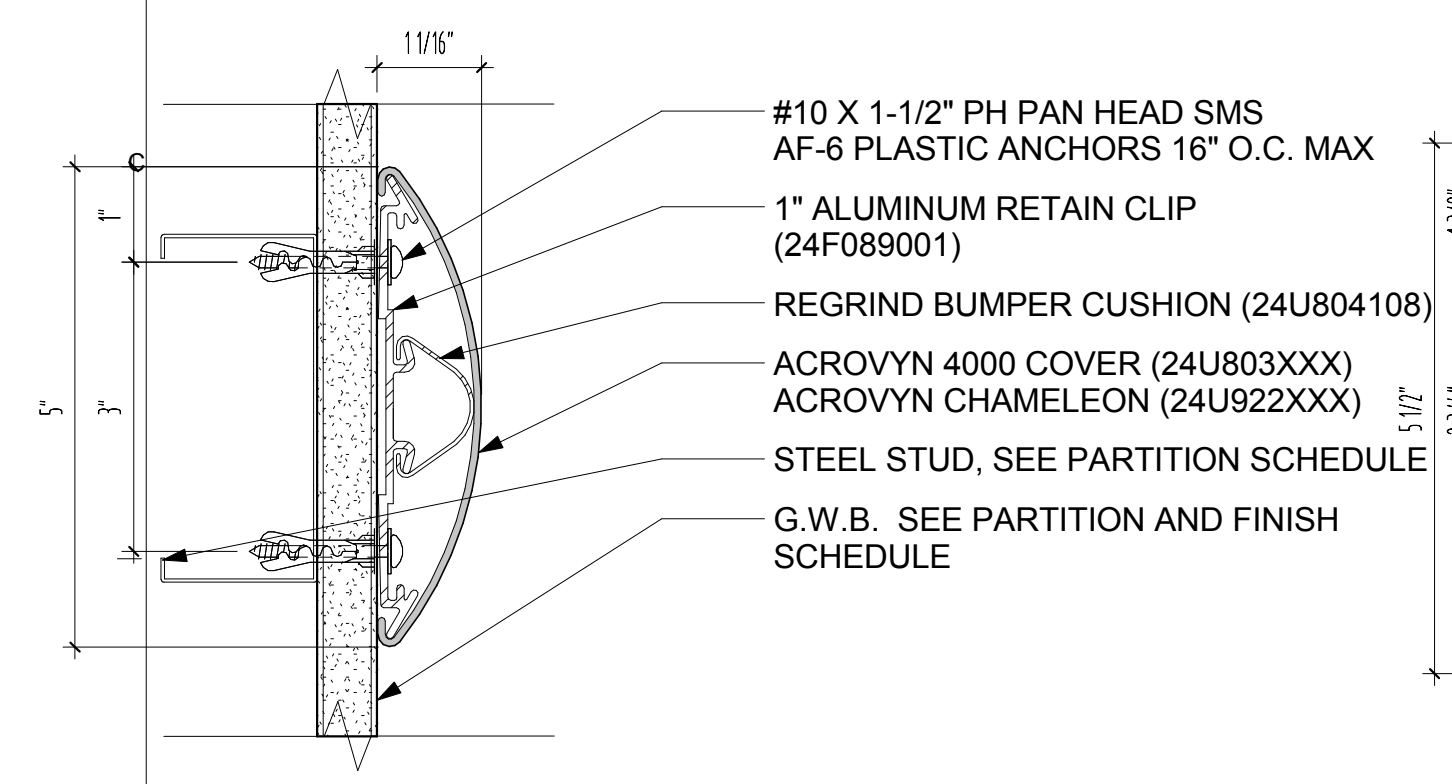
RR - CRASH RAIL FR-270
 SCALE: 6" = 1'-0" **12**



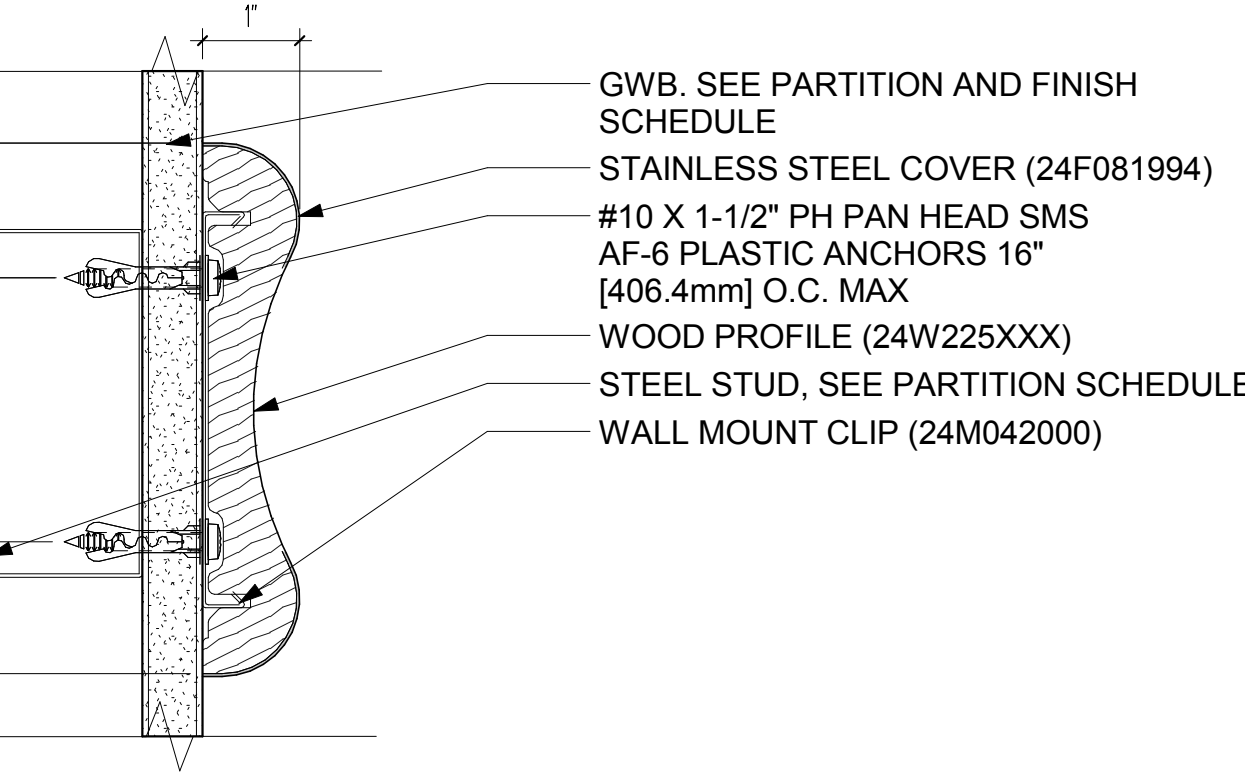
HR - HANDRAIL - 3500MM
 SCALE: 6" = 1'-0" **11**



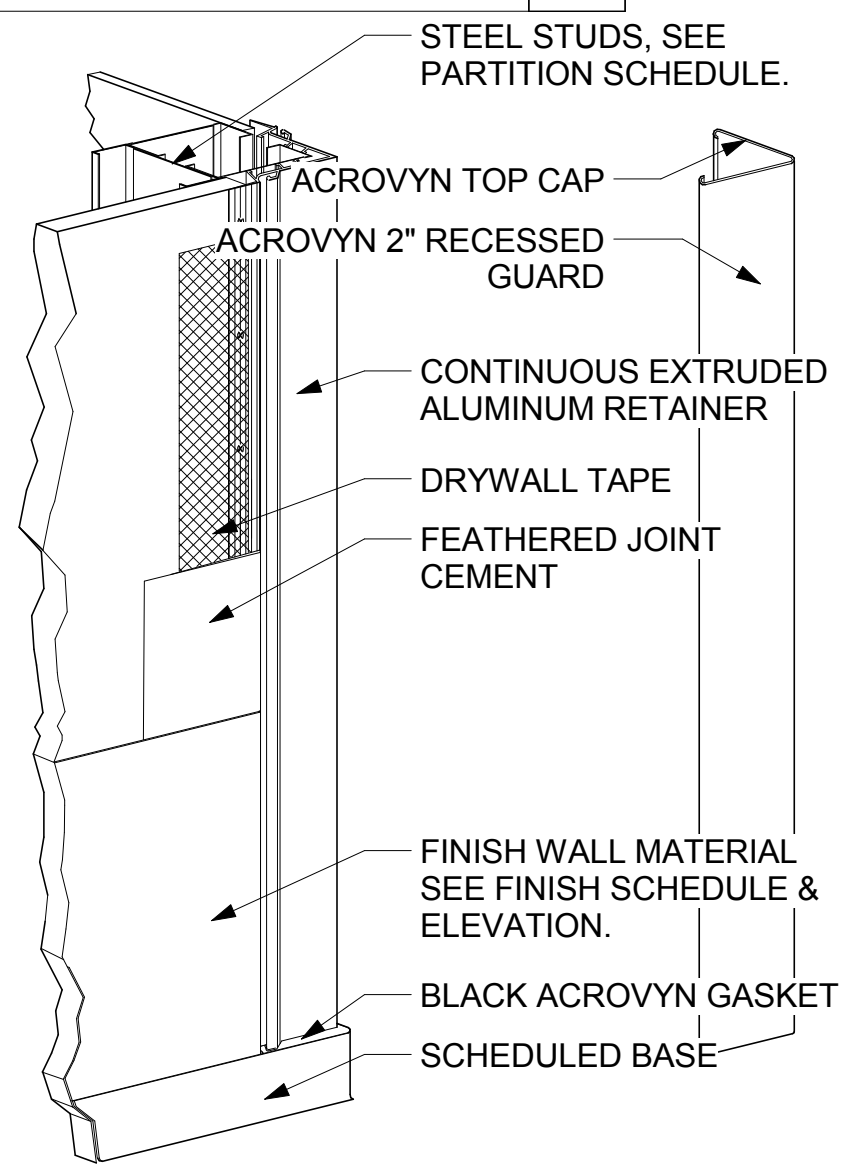
CR - CHAIR RAIL SCR-48N
 SCALE: 6" = 1'-0" **10**



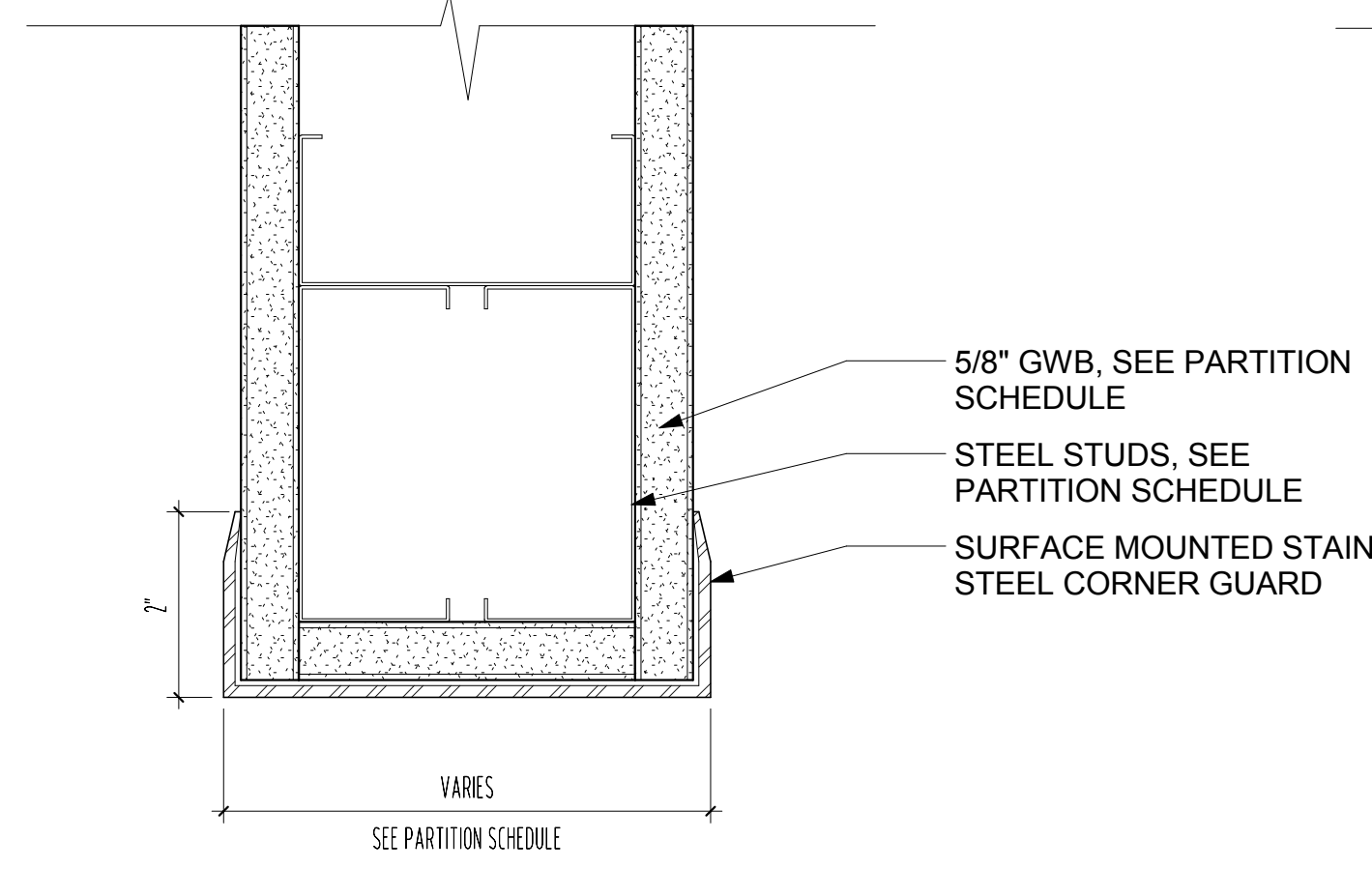
BR - BUMPER RAIL
 SCALE: 6" = 1'-0" **9**



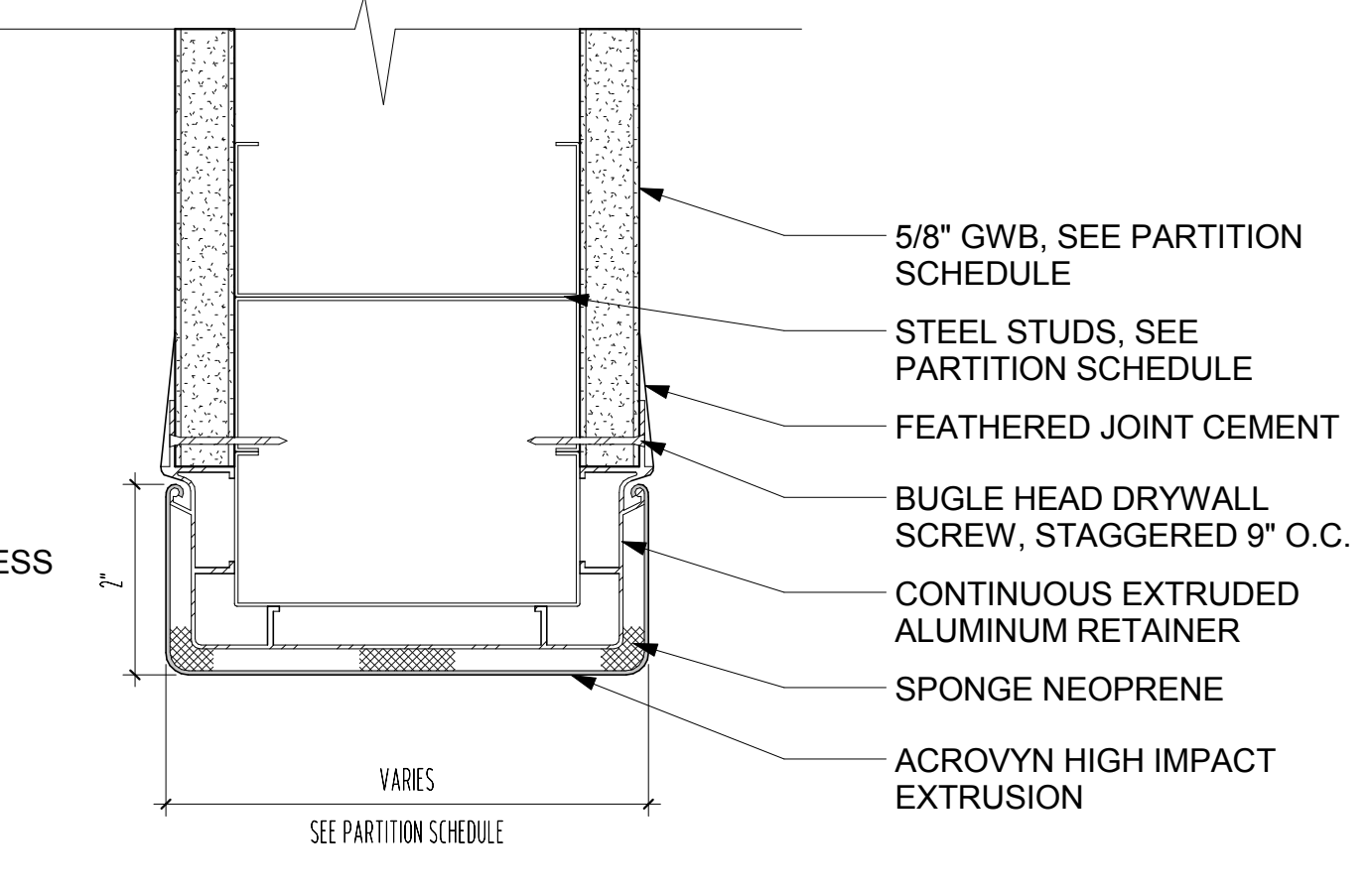
BG - BUMPER GUARD
 SCALE: 6" = 1'-0" **8**



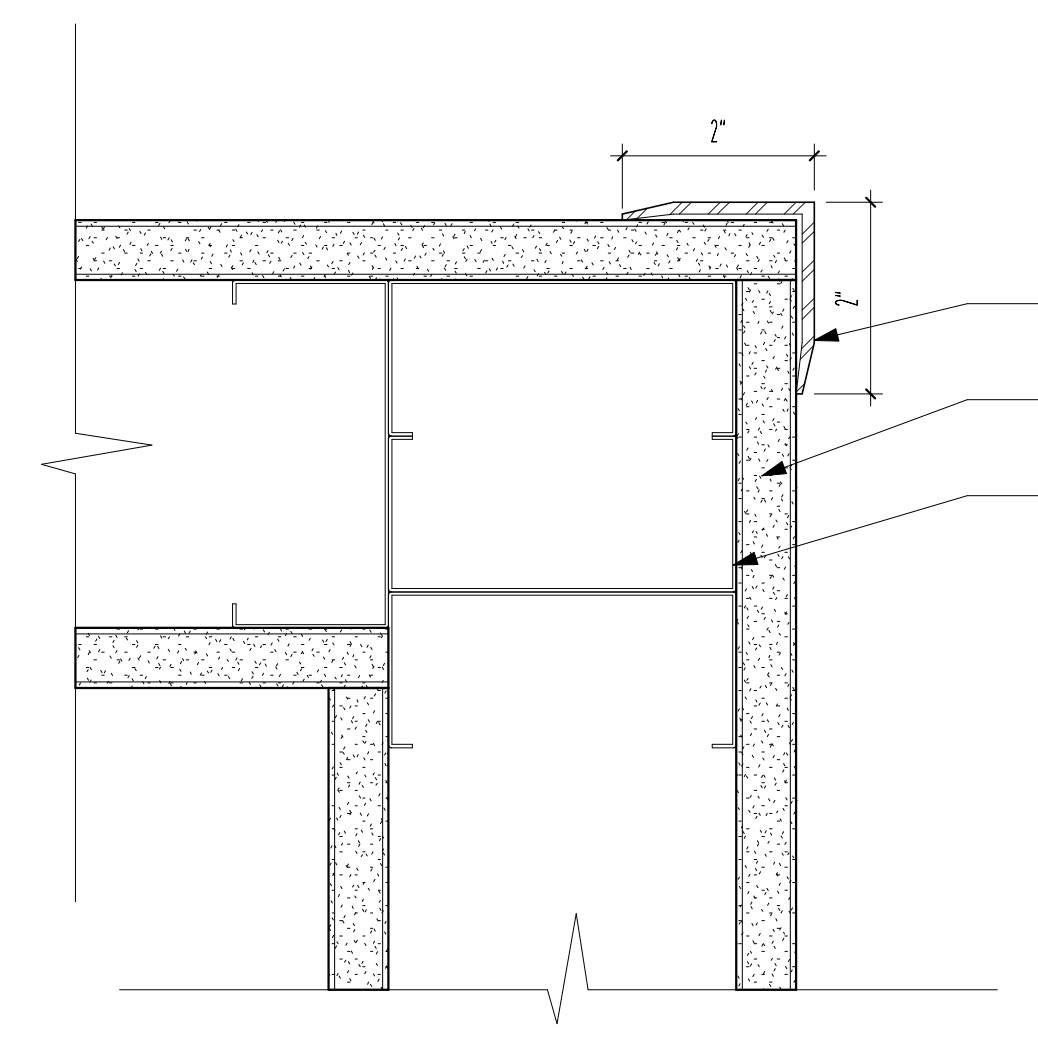
CORNER GUARD ASSEMBLY AXON
 SCALE: 3" = 1'-0" **7**



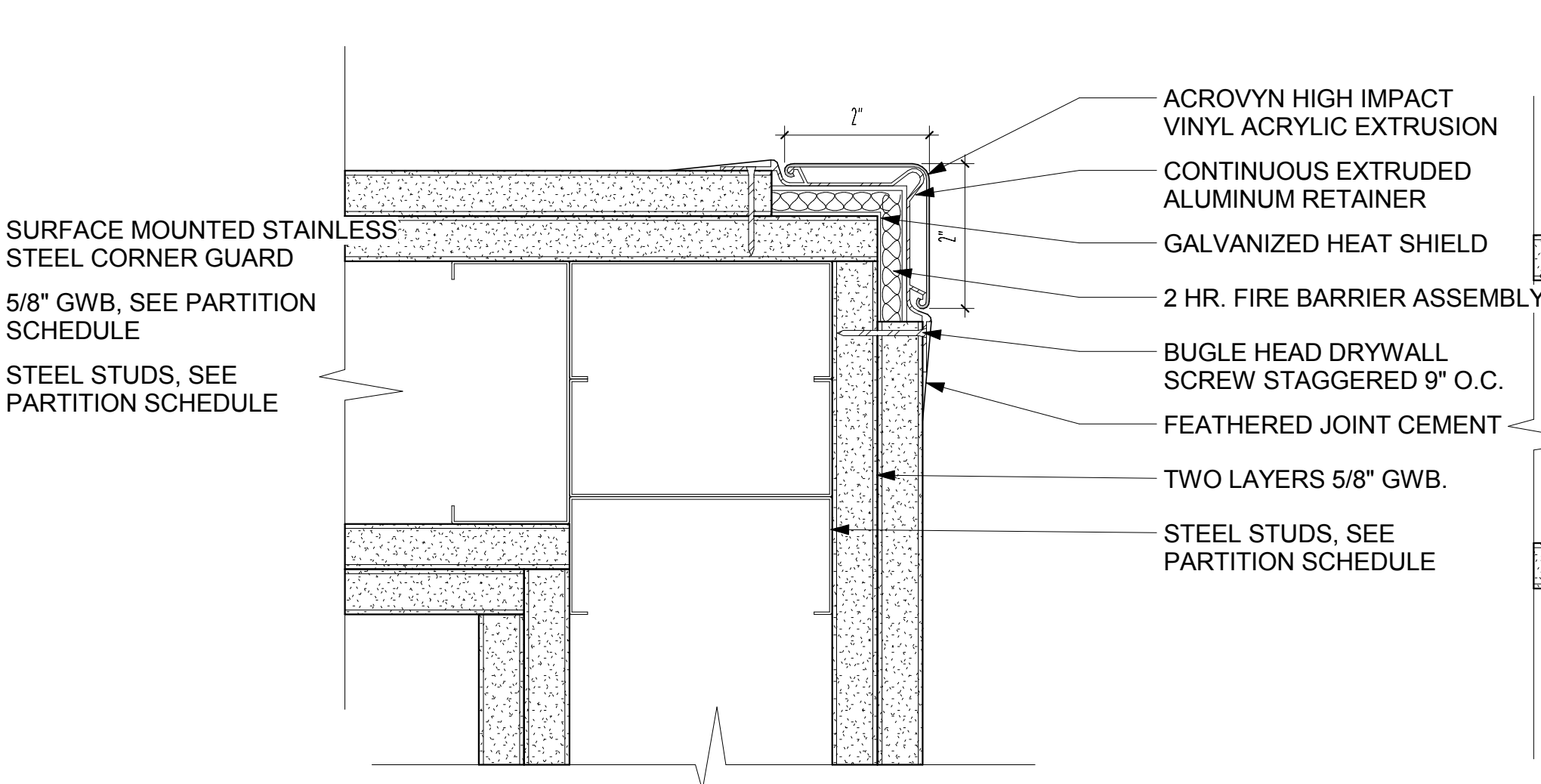
CG-06 SURFACE-MOUNTED CASSED CORNER GUARD
 SCALE: 6" = 1'-0" **6**



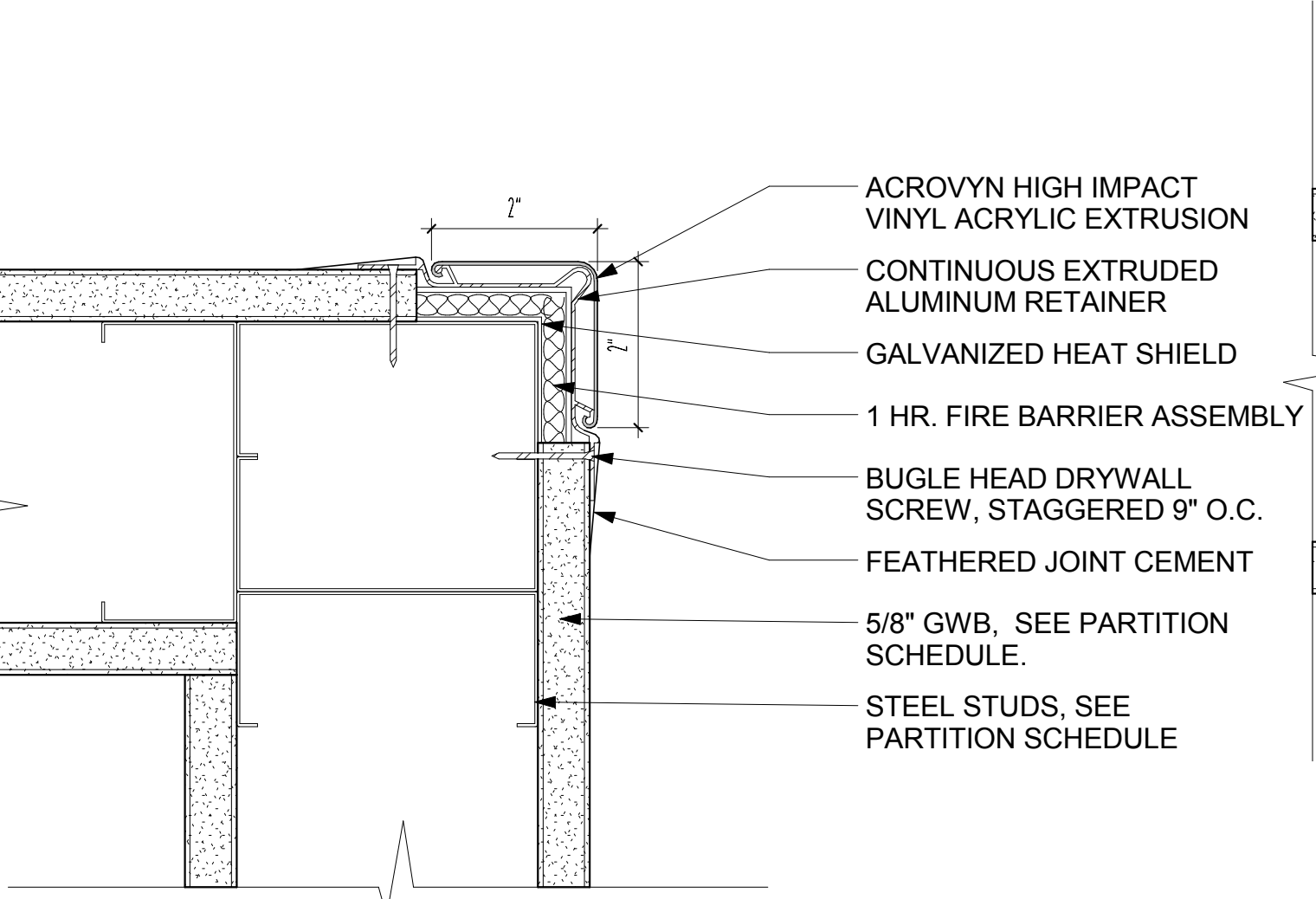
CG-05 FLUSH CASSED CORNER GUARD DETAIL
 SCALE: 6" = 1'-0" **5**



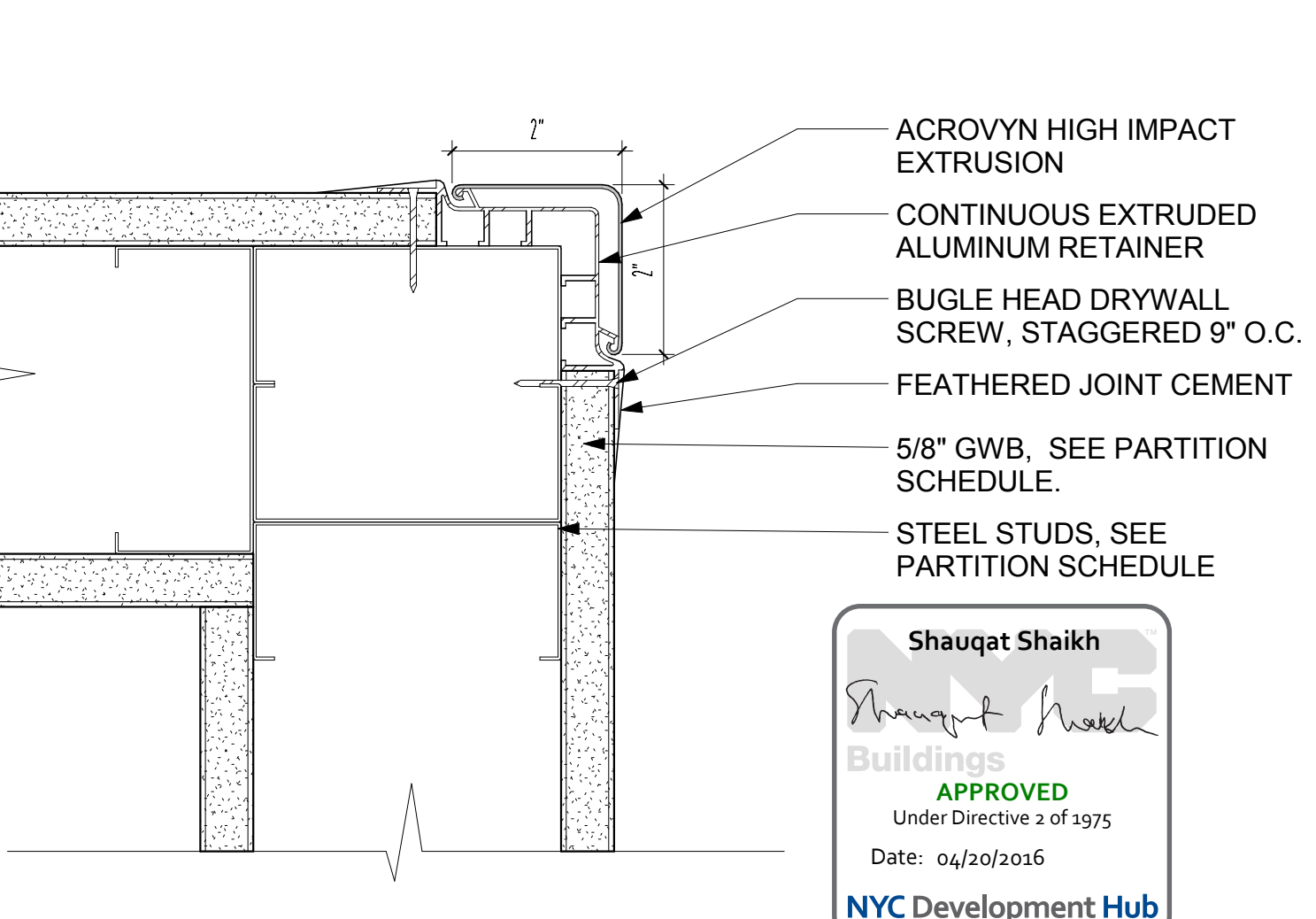
CG-04 SURFACE-MOUNTED CORNER GUARD
 SCALE: 6" = 1'-0" **4**



CG-03 2-HOUR RATED CORNER GUARD DETAIL
 SCALE: 6" = 1'-0" **3**



CG-02 1-HOUR RATED CORNER GUARD DETAIL
 SCALE: 6" = 1'-0" **2**



CG-01 FLUSH CORNER GUARD DETAIL
 SCALE: 6" = 1'-0" **1**

Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub

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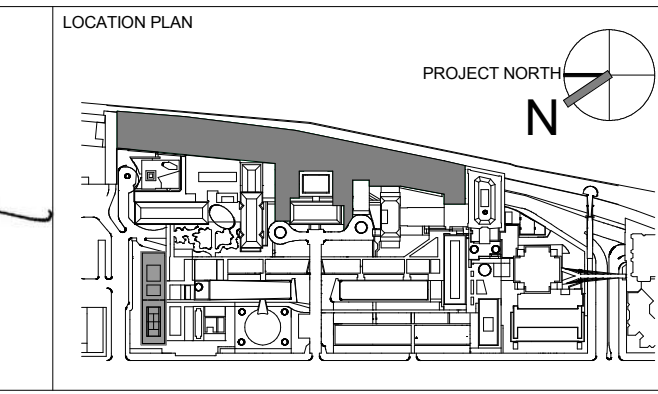
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 STATE OF NEW YORK
 No. 015267



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
T	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING TITLE
WALL PROTECTION DETAILS

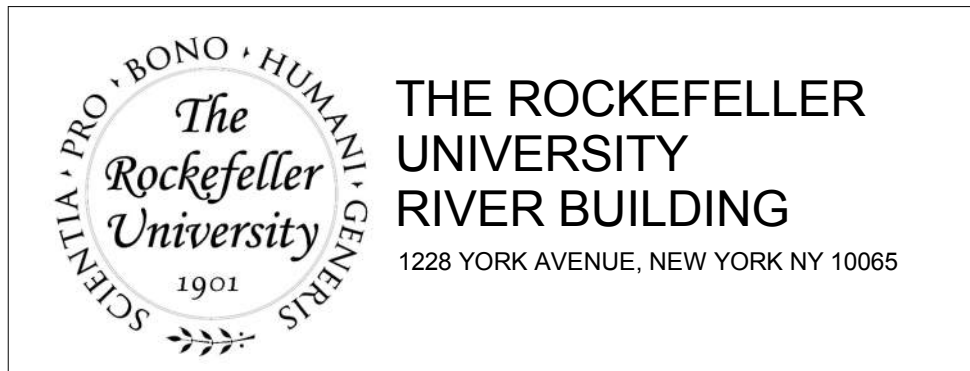
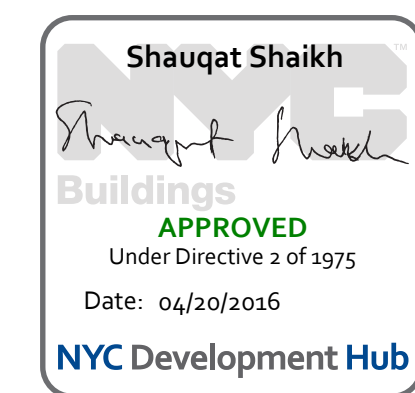
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A-780.00

Sheet 303 of 315

THE ROCKEFELLER UNIVERSITY - RIVER CAMPUS EXTERIOR ENCLOSURE SYSTEMS AND MATERIAL SCHEDULE							
CODE	DESCRIPTION	SPEC SECTION	LOCATION	COMPONENTS	MANUFACTURER	COLOR/FINISH	REMARKS
EXTERIOR WALL SYSTEMS							
EWS-01	PTD. ALUM MULLION AND PTD. HORIZONTAL ALUM. FINIS	08-44.13	LEVEL 1, LEVEL 2	GL-01, PTD. ALUM MULLION, PTD. HORIZONTAL ALUM. FIN, MTL-02			
EWS-02	NOT USED						
EWS-03	SPANDREL PANEL W/ PTD. ALUM MULLION	08-44.13	LEVEL 1 & LEVEL 2 NORTH AND SOUTH	MTL-02			
EWS-04	STRUCTURAL GLAZING SYSTEM	08-44.13	AMPHITHEATER	GL-03			
EWS-05	STRUCTURAL GLAZING SYSTEM	08-44.13	LEVEL 3, NORTH PAVILLION	GL-03, MTL-02			
EWS-06	STRUCTURAL GLAZING SYSTEM	08-44.13	LEVEL 3, SOUTH PAVILLION	GL-03, MTL-02			
EWS-07	OPERABLE GLASS PANEL SYSTEM	08-44.13	INTERACTIVE CONFERENCE CENTER	GL-02, MTL-10			
EWS-08	ALUMINUM MULLION STRUCTURAL GLAZING SYSTEM	08-44.13	STOREFRONT @ SW LEVEL 2 ENTRANCE	GL-02, MTL-10			
EWS-09	ALUMINUM MULLION STRUCTURAL GLAZING SYSTEM	08-44.13	SITE ELEVATOR	GL-02, MTL-10			
GLASS							
GL-01	INSULATED GLAZING	08-80.00	EWS-01, EWS-02	EXTERIOR LITE: 5/16" CLEAR (LOW IRON), COATING # 2 SURFACE (PASOL 6103) AIR SPACE: 1 1/8" ARGON FILLED, BLACK STAINLESS STEEL (WARM EDGE) BLACK SILICONE SECONDARY SEALANT, INTERIOR LAMINATED LITES: 1/4" CLEAR ANNEALED, 0.00" PVB INTERLAYER, 1/4" CLEAR ANNEALED			OVERALL THICKNESS: 1 9/16"
GL-01A	INSULATED GLAZING	08-80.00	EWS-01, EWS-02 NORTH EAST AND SOUTH EAST CORNER GLASS	EXTERIOR LITE: 5/16" CLEAR LOW IRON HEAT STRENGTHENED COATING # 2 SURFACE (PASOL 6103) AIR SPACE: 1 1/8" ARGON FILLED, BLACK STAINLESS STEEL (WARM EDGE) BLACK SILICONE SECONDARY SEALANT, INTERIOR LAMINATED LITES: 1/4" CLEAR ANNEALED, 0.00" PVB INTERLAYER, 1/4" CLEAR ANNEALED			OVERALL THICKNESS: 1 9/16"
GL-01B	INSULATED FRITTED GLAZING	08-80.00	EWS 2 AT NORTH ELEVATION	SAME AS GL-01, FRIT COATING ON LAYER #2			OVERALL THICKNESS: 1 9/16"
GL-02	INSULATED GLAZING	08-80.00	EWS-07, EWS-08, EWS-09	EXTERIOR LITE: 1/2" CLEAR HEAT STRENGTHENED AIR SPACE: 1/2" ARGON FILLED, BLACK STAINLESS STEEL INTERIOR LITE: 1/2" CLEAR HEAT STRENGTHENED			OVERALL THICKNESS: 1 9/16"
GL-03	INSULATED GLAZING	08-80.00	EWS-04, EWS-05, EWS-06	EXTERIOR LITES: 3/8" CLEAR (LOW IRON) HEAT STRENGTHENED - 0.00" PVB INTERLAYER - 3/8" CLEAR HEAT STRENGTHENED AIR SPACE: 1/2" ARGON FILLED, BLACK STAINLESS STEEL INTERIOR LITES: 3/8" CLEAR (LOW IRON) HEAT STRENGTHENED - 0.00" PVB INTERLAYER - 3/8" CLEAR HEAT STRENGTHENED			OVERALL THICKNESS: 2 5/16"
GL-04	NOT USED						
GL-05	LAMINATED GLASS	08-80.00	GLASS GUARDRAIL	3/8" HEAT STRENGTHENED (LOW IRON), IONOPLAST INTERLAYER, 3/8" CLEAR HEAT STRENGTHENED (LOW IRON)			1316"
WOOD							
WD-01	WOOD		LANDSCAPE BENCHES AND COPING				1 3/4"
METAL PANEL SYSTEM							
MP-01	PAINTED ALUMINUM CLADDING PANEL	07-46.16	EWS 1, EWS 3	PAINTED ALUM. CLADDING PANEL, STL. FRAMING & BRACKET, 4" INSULATED MTL. PANEL, SUPPORT (4" STL. FRAMING OR CML BLOCK)			
MP-02	PAINTED ALUMINUM CURTAIN WALL SPANDREL PANEL		EWS 3	PAINTED ALUMINUM PANEL, THERMAL INSULATION, STL. PANE			
MP-03	PAINTED ALUMINUM FASCIA PANEL		EWS 5, EWS 6, EWS 8	PAINTED ALUM. CLADDING PANEL, THERMAL INSULATION, VAPOR BARRIER, EXTERIOR SHEATING BOARD, STL. FRAMING			
MP-04	PAINTED ALUMINUM FASCIA & SOFFIT PANEL		EWS 7	PAINTED ALUM. CLADDING PANEL, EXTERIOR SHEATING BOARD, STL. FRAMING			
MP-05	PAINTED ALUM STANDING SEEM		WEST WALLS AND SMITH ANNEX ROOF	STANDING SEEM ALUM PANEL, ANCHOR BRACKETS, 2 1/2" ROCKWOOL INSULATION, VAPOR BARRIER, 5/8" DENGLASS, 6" STEEL STUD, 2 LAYERS 5/8" GYP BD			
MP-06	PAINTED ALUM STANDING SEEM		WEST WALLS VARIOUS SUBSTRATES	STANDING SEEM ALUM PANEL, ANCHOR BRACKETS,			FOR COVERING EXPOSED SEAL WALL AND LEVEL 3 WEST PARAPET
METAL							
MTL-01	STAINLESS STEEL		EWS 6 CANOPY BEAM				ALTERNATE
MTL-02	PAINTED ALUMINUM						
MTL-03	STANDING SEEM		WEST WALLS				
MTL-04	INSULATED METAL PANEL		MP-01				
MTL-05	PAINTED STEEL		NORTH STACK	MATCH FLEXNER TOP GREY COLOR			
MTL-06	PAINTED STEEL		NORTH STACK	MATCH FLEXNER CORNICE COPPER			
MTL-07	PAINTED STEEL		SOUTH STACK	MATCH HOSPITAL TOP RED COLOR			
MTL-08	PAINTED STEEL		SOUTH STACK	MATCH HOSPITAL CORNICE BROWN COLOR			
MTL-09	PAINTED ALUM		GRAND ENTRANCES TRELLIS	10" X 8" ALUM. TUBES			
MTL-10	BRUSHED STAINLESS STEEL			#4			
SYNTHETIC STUCCO							
SC-01	SYNTHETIC STUCCO		AT MECH. ROOM A & B	2" EFES ASSEMBLY, 2 1/2" RIGID INSULATION, VAPOR BARRIER, 5/8" DENGLASS, 6" STEEL STUD, 2 LAYERS 5/8" GYP BD			
SC-02	SYNTHETIC STUCCO LAMINATE		MECH ROOM "A" FOUNDATION WALL	2" EFES ASSEMBLY,			APPLY TO MECH ROOM A EXPOSED FOUNDATION WALL

THE ROCKEFELLER UNIVERSITY - RIVER CAMPUS EXTERIOR ENCLOSURE SYSTEMS AND MATERIAL SCHEDULE							
CODE	DESCRIPTION	SPEC SECTION	LOCATION	COMPONENTS	MANUFACTURER	COLOR/FINISH	REMARKS
PC-01	PRECAST CONCRETE		AMPHITHEATER SEATS				
PC-02	PRECAST CONCRETE		AMPHITHEATER STEPS				
PC-03	PRECAST CONCRETE CLADDING PANEL		EWS 4	PRECAST CONCRETE CLADDING PANEL, AIR SPACE, THERMAL INSULATION, AIR/VAPOR BARRIER, EXTERIOR SHEATING, STL FRAMING, RF-04			
PC-04	NOT USED						
PC-05	PRECAST CLADDING PANEL		NORTH STACK	PRECAST CLADDING PANEL		BRICK PATTERN	
PC-06	PRECAST CLADDING PANEL		NORTH STACK	PRECAST CLADDING PANEL		STONE PATTERN	
PC-07	PRECAST CLADDING PANEL		SOUTH STACK	PRECAST CLADDING PANEL		BRICK PATTERN	
PC-08	PRECAST CLADDING PANEL		SOUTH STACK	PRECAST CLADDING PANEL		STONE PATTERN	
PC-09	PRECAST CONCRETE FORMS		PLANTERS EXPOSED PORTIONS	PRECAST CONCRETE FORMS			
CAST IN PLACE CONCRETE							
CC-01	ARCHITECTURAL CONCRETE		PLANTERS, EXTERIOR STAIRS	CAST IN PLACE ARCHITECTURAL CONCRETE			
CC-02	CONCRETE AGGREGATE		SITE AROUND FOUNDERS	CAST IN PLACE AGGREGATE CONCRETE TO MATCH PAVERS			

THE ROCKEFELLER UNIVERSITY - RIVER CAMPUS EXTERIOR ENCLOSURE SYSTEMS AND MATERIAL SCHEDULE							
CODE	DESCRIPTION	SPEC SECTION	LOCATION	COMPONENTS	MANUFACTURER	COLOR/FINISH	REMARKS
ROOFING SYSTEM							
RF-01	OPEN JOINT ARCHITECTURAL PAVER ASSEMBLY	07-55-07	LEVEL 3, SOUTH TERRACE AT LEVEL 2	PAVER, LEVELING PEDESTALS, MINIMUM 5" RIGID THERMAL INSULATION, ROOFING MEMBRANE, FILTER FABRIC, DRAINAGE MATT.			ALTERNATE: 07-54 19 - SINGLE PLY ROOFING - PROTECTED MEMBRANE
RF-02	OPEN JOINT UTILITY PAVER ASSEMBLY		MECH ROOM A, NURSE FIRE EXIT	UTILITY PAVER SYSTEM, MINIMUM 5" RIGID THERMAL INSULATION, ROOFING MEMBRANE			
RF-03	INTENSIVE GREEN ROOF	07-55-07	LEVEL 3, ROOF OF MECH. ROOM A	2" CLEAN HARDWOOD MULCH, HYDROTECH LITETOP EXTENSIVE MEDIA, SYSTEM FILTER FABRIC, GARDEN DRAIN, 5" RIGID THERMAL INSULATION, ROOT BARRIER, FILTER FABRIC, DRAINAGE MATT, WATER PROOFING MEMBRANE			ALTERNATE: 07-54 19 - SINGLE PLY ROOFING - PROTECTED MEMBRANE
RF-04	GREEN ROOF	07-55-07	NORTH PAVILLION	2" CLEAN HARDWOOD MULCH, HYDROTECH LITETOP EXTENSIVE MEDIA, SYSTEM FILTER FABRIC, GARDEN DRAIN, ROOT BARRIER, FILTER FABRIC, DRAINAGE MATT, WATER PROOFING MEMBRANE			
RF-05	GRAND ACCESS STEPS		ROOF OF MECH. ROOM A & B	24"-36" SOIL, 5" RIGID THERMAL INSULATION, FILTER FABRIC, DRAINAGE MATT, WATER PROOFING MEMBRANE			ALTERNATE: 07-54 19 - SINGLE PLY ROOFING - PROTECTED MEMBRANE
RF-06	SINGLE PLY ROOFING MEMBRANE	07-50-19	ROOF OF ICC, NORTH PAVILLION AND SOUTH PAVILLION	SINGLE PLY ROOFING MEMBRANE, ROOF BOARD, RIGID INSULATION, WATER PROOFING MEMBRANE, ROOF SLAB			
RF-07	OPEN JOINT ARCHITECTURAL PAVER ASSEMBLY	07-55-07	SMITH ANNEX BULKHEADS	STANDING SEEM ALUM PANEL, 5" INSULATION, WATER PROOFING MEMBRANE, DENGLASS, CURAGATED METAL DECK			ALTERNATE: 07-54 19 - SINGLE PLY ROOFING - PROTECTED MEMBRANE FOR COVERING EXPOSED SEAL WALL AND LEVEL 3 WEST PARAPET
RF-08	PAINTED ALUM STANDING SEEM						
PAVERS							
PV-01	CONCRETE PAVER ON LEVELING PEDESTAL		LEVEL 3				
PV-02	CONCRETE PAVER ON ROOFING SYSTEM		LEVEL 1				
PV-03	STEPS AND SEATS		AMPHITHEATER				
WATERPROOFING SYSTEM							
WP-01	BLIND SIDE VERTICAL WATERPROOFING	07-13-26	MECH. ROOM A & B WALLS	BLIND SIDE VERTICAL WATERPROOFING MEMBRANE, DRAINAGE BOARD			
WP-02	BELOW GRADE SLAB VAPOR BARRIER	07-13-26	MECH. ROOM A & B SLAB ON GRADE	VAPOR BARRIER, GRAVEL			
WATERPROOFING MEMBRANE							
WM-01	RUBBERIZED ASPHALT WATERPROOFING	07-55-07	RF-01, RF-02, RF-03, RF-04, RF-05, RF-07				
WM-02	NOT USED						
RAILING							
RL-01	GLASS GUARDRAIL		LEVEL 1A3, SOUTH TERRACE	GL-05			
RL-02	METAL GUARDRAIL		LEVEL 1 & 3, EWS 4				
MECHANICAL LOUVERS							
LV-01			MECHANICAL ROOM "B" BELOW GRAND ENTRANCE, SMITH ANNEX HVAC				
EXPANSION JOINT							
EJ-01	3 HR FIRE RATED EXPANSION JOINT	07-84-13	ABOVE FOR AT LEVEL 1 BETWEEN SLAB & SCHIST WALL				
EJ-02	EXTERIOR FLOOR JOINT						
JOINT SEALANTS							
JT-01	JOINT SEALANT - METAL PANEL		MP-01, MP-03, MP-04				
JT-02	JOINT SEALANT - PRECAST CONCRETE	07-92-00	PC-03				
JT-03	JOINT & GASKET						
THERMAL INSULATION							
INS-01	RIGID EXTRUDED THERMAL INSULATION	07-21-00	RF-01, RF-02, RF-03, RF-04, RF-05, RF-06	100 PSI EXTRUDED STRUCTURAL FOAM			
INS-02	BATT THERMAL INSULATION	07-21-00					
INS-03	SPRAY-ON THERMAL INSULATION	07-21-00	UNDERSIDE OF BUILDING				R-28
INS-04	EXPANDED THERMAL INSULATION	07-21-00	RAISED SLABS	EXPANDED FOAM			
INS-05	THERMAL INSULATION	07-21-00	VERTICAL PLACEMENT FOUNDATION WALLS				
EXTERIOR SHEATING							
ESH-01	EXTERIOR GRADE						
WEATHER BARRIER							
WB-01	WEATHER BARRIER	07-27-00					
FIREPROOFING							
FP-01	2 HR SPRAY ON FIREPROOFING		COLUMNS AND BEAMS / GIRDERS				
FP-02	3 HR SPRAY-ON FIREPROOFING		BEAMS / GIRDERS LEVEL 1				
FP-03	FIRE STOP		EXTERIOR WALL SYSTEM				
FP-04	NOT USED		NOT USED				
FP-05	2 HR INTUMESCENT PAINT		NORTH & SOUTH PAVILLION, ICC				
FP-06	3 HR INTUMESCENT PAINT		Y COLUMNS				



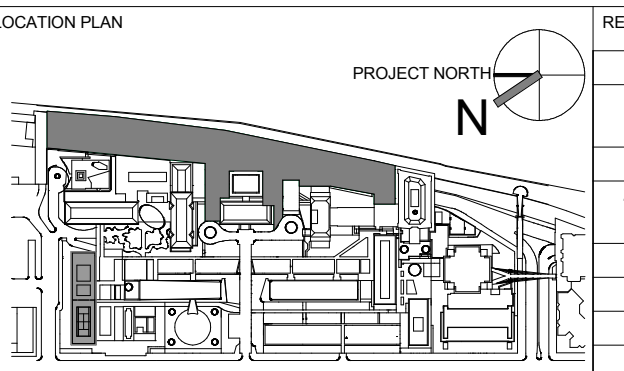
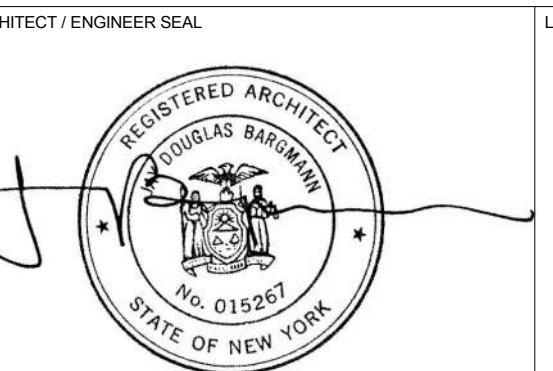
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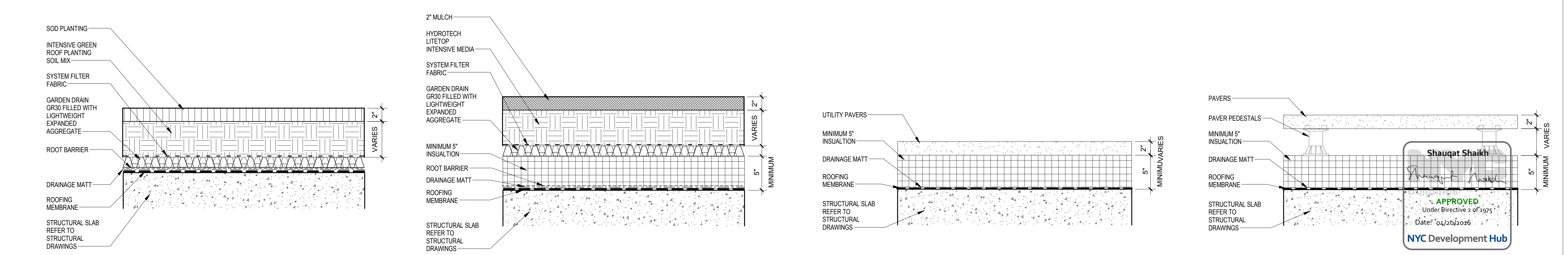
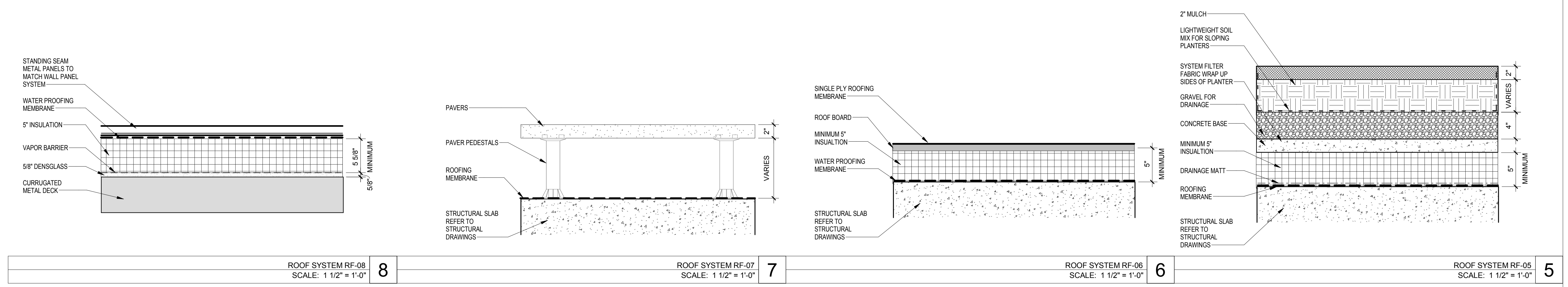


REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	DESIGN DEVELOPMENT	27-FEB-15	664.100
2	WATERPROOFING BID PACKAGE	17-AUG-15	DRAWING SIZE 24" x 36"
3	PROGRESS SET	30-OCT-15	DRAWING SCALE
4	DOB SUBMISSION -RB	16-DEC-15	

DRAWING TITLE
EXTERIOR ENCLOSURE SYSTEMS AND MATERIAL SCHEDULE

DRAWING NUMBER
A-810.00

Sheet 304 of 315



Shauqat Shaikh
Shauqat Shaikh
 APPROVED
 Under Directive 2 of 1975
 Date: 04/28/2016
 NYC Development Hub

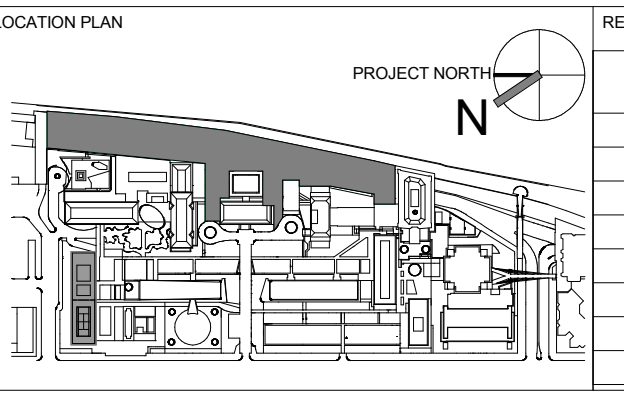
ROOF SYSTEM RF-08 SCALE: 1 1/2" = 1'-0"	8	ROOF SYSTEM RF-07 SCALE: 1 1/2" = 1'-0"	7	ROOF SYSTEM RF-06 SCALE: 1 1/2" = 1'-0"	6	ROOF SYSTEM RF-05 SCALE: 1 1/2" = 1'-0"	5
ROOF SYSTEM RF-04 SCALE: 1 1/2" = 1'-0"	4	ROOF SYSTEM RF-03 SCALE: 1 1/2" = 1'-0"	3	ROOF SYSTEM RF-02 SCALE: 1 1/2" = 1'-0"	2	ROOF SYSTEM RF-01 SCALE: 1 1/2" = 1'-0"	1

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ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100	MEP / FP ENGINEER BARD, RAO + ATHANAS 105 MADISON AVENUE, 10TH FL. NEW YORK, NY 10016 T. 212.840.0060
CIVIL ENGINEER LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400	LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609	INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 156 WEST 29TH STREET NEW YORK, NY 10011 T. 212.201.5790
SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248		

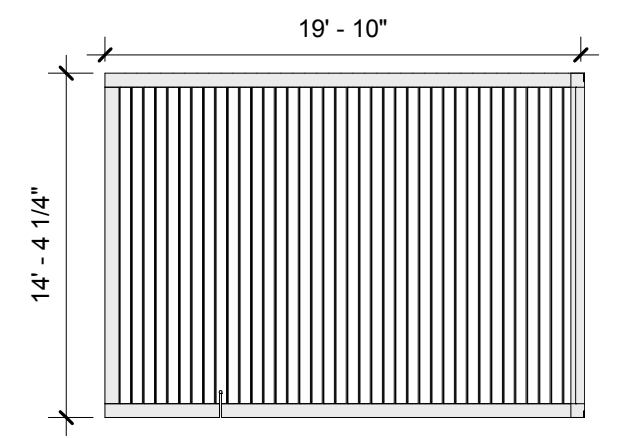
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ARCHITECT / ENGINEER SEAL

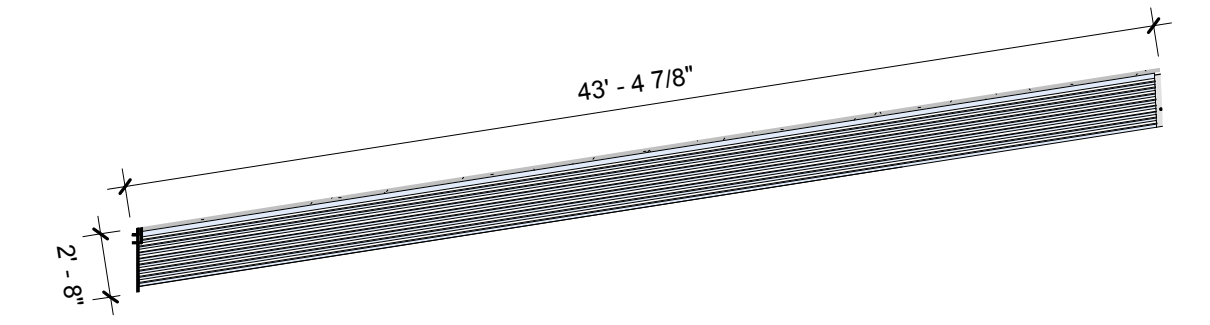


REV	DESCRIPTION	DATE
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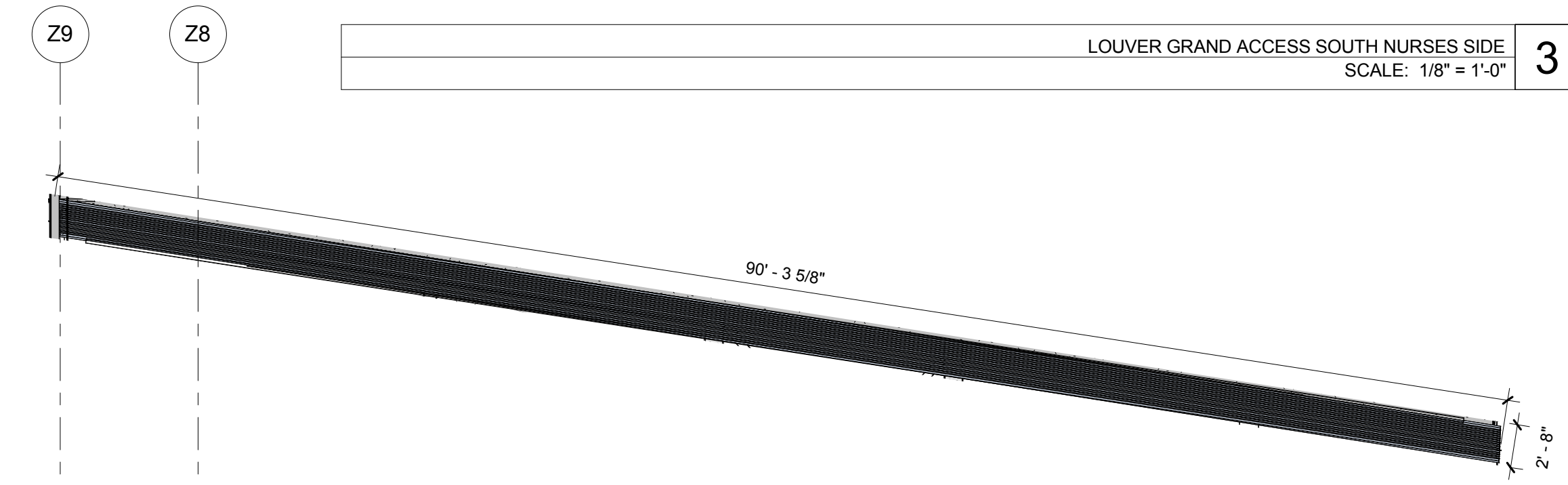
ARCHITECTS PROJECT NUMBER: 664.100
 DRAWING TITLE: ROOF TYPES
 DRAWING SIZE: 24" x 36"
 DRAWING SCALE: 1 1/2" = 1'-0"
 PROJECT PHASE: CONSTRUCTION DOCUMENTS
 DRAWING NUMBER: A-811.00
 SHEET 305 OF 315



LOUVER SOUTH TERRACE
SCALE: 1/8" = 1'-0" **4**



LOUVER GRAND ACCESS SOUTH NURSES SIDE
SCALE: 1/8" = 1'-0" **3**



LOUVER GRAND ACCESS SOUTH WELCH SIDE
SCALE: 1/8" = 1'-0" **2**

37' - 6 5/8"

Shauqat Shaikh
Shauqat Shaikh
 REGISTERED ARCHITECT
 Under Directive 2 of 1975
 Date: 04/20/2016
 NYC Development Hub

LOUVER SMITH ANNEX
SCALE: 1/8" = 1'-0" **1**



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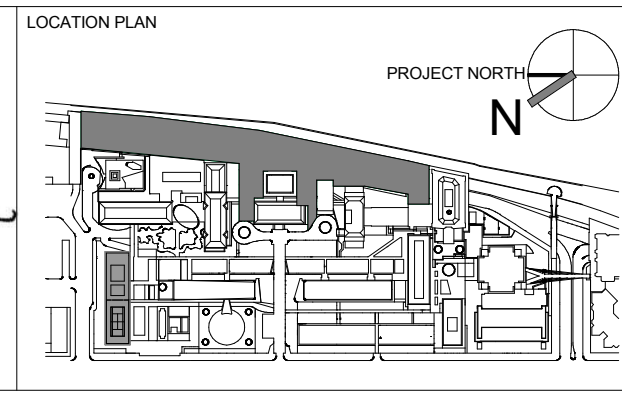
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REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER	DRAWING TITLE
1	DOB SUBMISSION -RB	16-DEC-15	664.100	LOUVER TYPES AND SCHEDULE
			DRAWING SIZE	24" x 36"
			DRAWING SCALE	1/8" = 1'-0"
			PROJECT PHASE	CONSTRUCTION DOCUMENTS

DRAWING NUMBER
A-815

DRAWING TITLE
 LOUVER TYPES AND SCHEDULE

Sheet 306 of 315

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CODE	DESCRIPTION	SPEC SECTION	LOCATION	MANUFACTURER	PRODUCT #NAME	COLOR/FINISH/GREEN	DIMENSIONS	REMARKS
ACCESS FLOORING								
AF-1	ACCESS FLOOR TILE - BASE PANEL	96500	LABS (1 TOOKS)	FAYE ACCESS FLOOR, INC	CONTOUR "CONTOUR" POSITIVE UNDERSTRUCTURE	BASE PAINTED FINISH	24" X 24" X 1/8" DEEP	BASE PANEL FOR FIELD INSTALLATION OF FINISH
AF-2	ACCESS FLOOR TILE - TERRAZZO TILE TOP FINISH				CONTOUR "CONTOUR" POSITIVE UNDERSTRUCTURE, WITH APPLIED TERRAZZO TILE	TERRAZZO TILE TOP FINISH COLOR: TBD	24" X 24"	
BASE								
B1	WOOD BASE		CONNECTING LOBBIES	CONTRACTOR	SOLID WOOD BASE	FINISHED TO COLOR ONE SOLID MAPLE	2" HEIGHT REFER TO RGA DRAWINGS FOR DIMENSIONS	
B2	ALUMINUM TRIM		TOILET ROOMS	SHULTER SYSTEMS	ALUMINUM TRIM	ANODIZED ALUMINUM	3/4" ROUND PROFILE	
CABINET								
C1	CABINET FILE	96513	NORTH FACILITY OFFICES/CONFERENCE ROOMS	HY FABRICATION	SOCIAL	TBD	24" X 24" FILE	TO BE INSTALLED WITH RELEASABLE ADHESIVE
C2	CABINET FILE	96513	NORTH FACILITY OFFICES/CONFERENCE ROOMS	HY FABRICATION	SOCIAL	TBD	24" X 24" FILE	TO BE INSTALLED WITH RELEASABLE ADHESIVE
C3	CABINET FILE (OPTION)		TOILET ROOMS	HY FABRICATION	SOCIAL	TBD	24" X 24" FILE	TO BE INSTALLED WITH RELEASABLE ADHESIVE
CEILING								
CL1	ACoustical CEILING TILE	96113	LAB (CONFERENCE ROOM)	ARMSTRONG	ARMSTRONG	WHITE	24" X 24" X 1"	
CL2	CLEANABLE CEILING TILE	96113	TOILET	ARMSTRONG	ARMSTRONG	WHITE	24" X 24" X 1"	
CL3	SEAMLESS ACoustical PLASTER	13585	INTERACTIVE CONFERENCE CENTER	VELBERT	VELBERT	WHITE	1/2" THICK	
CL4	GYPSUM BOARD CEILING		OFFICES	USG	GYPSUM BOARD CEILING	TAPE, SPRINKLE & PAINT	5/8" THICK GYPSUM BOARD ASSEMBLY	
CL5	ACoustical METAL TILE		CONNECTING LOBBIES/VESTIBULES	ARMSTRONG	ARMSTRONG	WHITE	24" X 24" X 1"	
COUNTERTOP								
CO1	COUNTERTOP - ZODIAC QUARTZ	13581	CAFETERIA - SERVERY	DORNY - ZODIAC	ZODIAC	BROWN	REFER TO RGA DRAWINGS FOR DIMENSIONS AND LOCATIONS	
CO2	COUNTERTOP - ZODIAC QUARTZ	13581	TOILET ROOMS	DORNY - ZODIAC	ZODIAC	GRANITE	REFER TO RGA DRAWINGS FOR DIMENSIONS AND LOCATIONS	
CO3	COUNTERTOP - KURON	13583	LAB BENCHES	KURON	KURON EPOXY RESIN	GRANITE	1" THICK REFER TO RGA DRAWINGS FOR DIMENSIONS OF COUNTERTOPS AND LOCATIONS	
CO4	COUNTERTOP - ENGINEERED STONE		TOILET ROOMS	CEASARSTONE	CLASSIC COLLECTION	TRAVERTINE	1" THICK REFER TO RGA DRAWINGS FOR DIMENSIONS OF COUNTERTOPS AND LOCATIONS	
DOOR								
DM1	ENTRANCE WALK OFF MAT	12419	VESTIBULE	OR ORION	ORION 2	STAINLESS STEEL	STAINLESS STEEL	
INTERIOR GLAZING								
IG1	CLEAR GLASS - LAMINATED	98010	LAB OFFICES/CONFERENCE ROOM PARTITIONS	GALAXY GLASS	LOW IRON - CLEAR GLASS	LOW IRON	TOMY THICK	
IG2	LAMINATED GLASS - WITH CUSTOM ETCHED PATTERN (OPTION)	98010	LAB OFFICES/CONFERENCE ROOM PARTITIONS	GALAXY GLASS	CUSTOM ETCHED PATTERN	LOW IRON WIT	TOMY	
IG3	LAMINATED GLASS WITH INTERLAYER	98010	LAB OFFICES/CONFERENCE ROOM PARTITIONS	GALAXY GLASS	EXTRA INTERLAYER	LOW IRON WIT	TOMY	
IG4	LAMINATED GLASS WITH INTERLAYER	98010	LAB OFFICES/CONFERENCE ROOM PARTITIONS	GALAXY GLASS	EXTRA INTERLAYER	LOW IRON WIT	TOMY	
IG5	LAMINATED GLASS WITH INTERLAYER	98010	LAB OFFICES/CONFERENCE ROOM PARTITIONS	GALAXY GLASS	EXTRA INTERLAYER	LOW IRON WIT	TOMY	
LAMINATE								
L1	LAMINATE	96503	CONFERENCE ROOMS	WILSONART	TBD	MATTE	REFER TO RGA DRAWINGS FOR DIMENSIONS AND LOCATIONS	
L2	LAMINATE	96503	CAFETERIA SERVERY	WILSONART	TBD	MATTE	REFER TO RGA DRAWINGS FOR DIMENSIONS AND LOCATIONS	
L3	LAMINATE	96503	CAFETERIA SERVERY	WILSONART	TBD	MATTE	REFER TO RGA DRAWINGS FOR DIMENSIONS AND LOCATIONS	
METAL								
MT1	STAINLESS STEEL		CONTRACTOR	BRUSHED STAINLESS STEEL #4	BRUSHED STAINLESS STEEL #4		REFER TO RGA DRAWINGS FOR DIMENSIONS AND LOCATIONS	
MIRROR								
MR1	ARCHITECTURAL MIRROR	96500	TOILET ROOMS	CONTOUR	CONTOUR	TOILET	800" THICK - REFER TO RGA DRAWINGS FOR DIMENSIONS	
PAINT								
P1	PAINT - INTERIOR	96100	THROUGHOUT	BENJAMIN MOORE	ALMA WATERBORNE INTERIOR PAINT	TBD	LEVEL 4 FINISH MATTE	
P2	PAINT - INTERIOR	96100	THROUGHOUT	BENJAMIN MOORE	REGAL SELECT	TBD	LEVEL 4 FINISH EGGSHELL	
P3	PAINT - INTERIOR	96100	THROUGHOUT	BENJAMIN MOORE	REGAL SELECT	TBD	LEVEL 4 FINISH EGGSHELL	
P4	PAINT - INTERIOR	96100	THROUGHOUT	BENJAMIN MOORE	REGAL SELECT	TBD	LEVEL 4 FINISH EGGSHELL	
P5	PAINT - WALLS	96100	THROUGHOUT	BENJAMIN MOORE	REGAL SELECT	TBD	LEVEL 4 FINISH EGGSHELL	
WALL PANELS								
WP1	WOOD ACoustical PANEL	96411	INTERACTIVE CONFERENCE CENTER	REGAL SELECT	WOOD - QUARTZ	QUARTZ	24" X 24" X 1"	REFER TO RGA DRAWINGS FOR DIMENSIONS
WP2	WOOD VENEER	96403	LAB OFFICES/CONFERENCE ROOMS	WILSONART	WOOD VENEER	WOOD VENEER	WOOD VENEER FINISH MUST BE FREE OF ANDES	
WP3	CUSTOM DECORATIVE METAL PANEL		ELEVATOR CAB	CONTRACTOR	CUSTOM SHAPE	STAINLESS STEEL	REFER TO ELEVATOR CAB PACKAGING FOR DIMENSIONS	

CODE	DESCRIPTION	SPEC SECTION	LOCATION	MANUFACTURER	PRODUCT #NAME	COLOR/FINISH/GREEN	DIMENSIONS	REMARKS
RUBBER FLOOR								
R1	RUBBER TILE	96500	LABS OFFICES / MEETING ROOMS	JOHNSTONE	MICROSTONE - SPECKLED RUBBER TILE	COLOR TBS RICE PAPER FINISH	24" X 24" X 1/8"	TO BE INSTALLED WITH RELEASABLE ADHESIVE
R2	RUBBER TILE	96500	ELEVATOR	JOHNSTONE	ROUNDEL TILE	83 BURNI LINER RICE PAPER FINISH	24" X 24" X 1/8"	
R3	RUBBER TILE	96500	THROUGHOUT	JOHNSTONE	LOCKWOOD WALL BASE	TBD	1" HIGH	
SPECIAL FINISH								
SP1	EPOXY FLOOR COATING		CONDENSING UNIT ROOMS	STONHARD	STONGLAD	STEEL GREY	NA	REFER TO RGA DRAWINGS FOR DIMENSIONS OF ROOMS
STONE								
ST1	STONE TILE		NORTH FACILITY RESTROOMS	EUROPEAN GRANITE & MARBLE	EUROPEAN GRANITE & MARBLE			
TILE								
T1	PORCELAIN TILE - FLOOR	96100	TOILET ROOMS	UNITY	ASHURE FDS UNPOLISHED		12" X 24" X 3/8"	GROUT TO BE SELECTED BY ARCHITECT - GROUT JOINT RECOMMENDED 1/8" USE RECOMMENDED GROUT RELEASE WHEN GROUTING
T2	CERAMIC WALL TILE	96100	TOILET ROOMS	SALTIE	MODERN DIMENSIONS ARTIC WHITE 990 MATTE FINISH		11 1/2" X 13 3/4" X 3/8" THICK	GROUT TO MATCH TILE COLOR - GROUT JOINT RECOMMENDED 1/8"
T3	TERRAZZO FLOOR TILE	96100	CAFETERIA / SERVERY	TRENCO	ENGINEERED SURFACES		48" X 48" X 1/4"	GROUT TO BE SELECTED BY ARCHITECT
T4	CERAMIC WALL TILE	96100	CAFETERIA / FOOD PREP AREA	SALTIE	MODERN DIMENSIONS ARTIC WHITE		11 1/2" X 13 3/4" X 3/8" THICK	GROUT TO MATCH TILE COLOR - GROUT JOINT RECOMMENDED 1/8"
T5	PORCELAIN TILE - FLOOR	96100	INTERACTIVE CONFERENCE CENTER	ALLAD CONCEPT	ALLAD CONCEPT		24" X 24" X 3/8" THICK	GROUT TO BE SELECTED BY ARCHITECT - GROUT JOINT RECOMMENDED 1/8"
T6	PORCELAIN TILE - FLOOR	96100	NORTH FACILITY RESTROOMS	ALLAD CONCEPT	ALLAD CONCEPT		12" X 24" X 3/8" THICK	GROUT TO BE SELECTED BY ARCHITECT - GROUT JOINT RECOMMENDED 1/8"
T7	GLASS TILE		TOILET ROOMS	WISCONSIN	WISCONSIN		12" X 12"	GROUT TO BE SELECTED BY ARCHITECT - GROUT JOINT RECOMMENDED 1/8"
T8	CERAMIC WALL TILE		CAFETERIA / SERVERY	ROYAL MOSA	ROYAL MOSA		12" X 12"	GROUT TO BE SELECTED BY ARCHITECT
T9	RETILE		CAFETERIA / SERVERY	RETILE	RETILE		12" X 12"	GROUT TO BE SELECTED BY ARCHITECT
T10	TERRAZZO FLOOR TILE		NORTH FACILITY LOBBY	TRENCO	ENGINEERED SURFACES		48" X 48" X 1/4"	GROUT TO BE SELECTED BY ARCHITECT - GROUT JOINT RECOMMENDED 1/8"
PARTITION								
PR1	TOILET PARTITION	10213	TOILET ROOMS	HAURAN	BRUSHED STAINLESS STEEL		12" X 12"	USE ALL STAINLESS STEEL HARDWARE
UNVIL								
U1	VINYL	96500	STORAGE ROOMS	WANNATION COMMERCIAL	TOUGSTONE	TBD	12" X 12"	
U2	ANTI STATIC VINYL TILE	96500	STORAGE ROOMS	BOBBY	BOBBY		24" X 24" X 1/8"	
U3	ANTI STATIC VINYL TILE	96500	STORAGE ROOMS	BOBBY	BOBBY		24" X 24" X 1/8"	
U4	VINYL	96500	STORAGE ROOMS	BOBBY	BOBBY		24" X 24" X 1/8"	
WINDOW TREATMENT								
WT1	MOTORIZED SHADE - BACKDROP	12243	AROUND PERIMETER FOR CURTAIN WALL	MECHO SHADE	MECHO SHADE		REFER TO RGA DRAWINGS FOR LOCATIONS AND DIMENSIONS	TO BE INSTALLED WITH ROLLER POCKET AT PERIMETER OF CURTAIN WALL
WT2	MOTORIZED SHADE - SOLAR	12243	AROUND PERIMETER FOR CURTAIN WALL	MECHO SHADE	MECHO SHADE		REFER TO RGA DRAWINGS FOR LOCATIONS AND DIMENSIONS	TO BE INSTALLED WITH ROLLER POCKET AT PERIMETER OF CURTAIN WALL
WOOD FLOOR								
WF1	WOOD FLOOR		PRESIDENTS OFFICE	JANORS	BLACK OAK - SOLID STAINED OAK - CLASSIC STYLE		3/4" THICK - TONG & GROOVE	

CODE	DESCRIPTION	IMAGE	LOCATION	MANUFACTURER	PRODUCT #NAME	SIZE/DIMENSIONS	COLOR/FINISH	MINIMUM PERFORMANCE REQUIREMENTS	ADDITIONAL ITEMS / NOTES
PF-1	TOILET		FEMALE & MALE TOILET ROOMS	TOTO	CT708EV	H: 12-3/4" L: 24-7/8" W: 15-3/8"	01 COTTON	1.28 GPF - ADA COMPLIANT	FLUSHMETER - TETLUN1455
PF-2	URINAL		MALE TOILET ROOMS	TOTO	UT105UV01	H: 38-5/8" L: 12-1/4" W: 14"	01 COTTON	1.25 GPF - ADA COMPLIANT	FLUSHMETER - TEUZUN1455
PF-3	FAUCET		TOILET ROOMS	TOTO	HELIX - TELSCL10R THERMAL MIXING	H: 6-5/8" W: 4" D: 4-15/16"	POLISHED CHROME	0.5 GPM - ADA COMPLIANT	
PF-4	UNDERMOUNT SINK		TOILET ROOMS	TOTO	RENDEZVOUS UNDERCOUNTER LAVATORY	W: 19-3/16" D: 16-3/16" H: 7-3/8"	01 COTTON	N/A	ADA COMPLIANT
PF-5	UNDERMOUNT SINK		PANTRY / LAB SINKS	ELKAY	ELU1814PD	L: 19-1/2" D: 15-1/2" H: 9-3/8"	STAINLESS STEEL	N/A	
PF-6	PANTRY FAUCET		PANTRY	ELKAY	ALLURE - LK7921SSS DECK MOUNTED	H: 13-3/4" D: 8"	STAINLESS STEEL	2.2 GPM	
PF-7	WATER FOUNTAIN - ADA		TOILET ROOMS	ELKAY	LZWS-EDFPM117K SWIRL FOUNTAIN & BOTTLE FILLING STATION		STAINLESS STEEL	ADA COMPLIANT	
PF-8	MOP SINK		JANITOR'S CLOSET	ZURN	Z1996-24		HIGH DENSITY COMPOSITE - WHITE		MOP HANGER: Z1996-MH
PR-9	WALL MOUNTED SERVICE SINK FAUCET		JANITOR'S CLOSET	CHICAGO FAUCETS	521-GN2A3BACP WITH # E3JKABCP AERATOR		CHROME PLATED	2.2 GPM (8.3 L/MIN)	

CODE	DESCRIPTION	IMAGE	SPEC SECTION	LOCATION	MANUFACTURER	PRODUCT #NAME	SIZE/DIMENSIONS	COLOR/FINISH	NOTES
AC-1	PARTITION MOUNTED TOILET SEAT COVER & TOILET PAPER DISPENSER			LOCKER ROOM TOILET PARTITIONS	BOBRICK	B-3071 - PARTITION MOUNTED TOILET SEAT COVER & TOILET PAPER DISPENSER	W: 17-3/16" H: 20-9/16" D: 4-5/16"	SATIN STAINLESS STEEL	
AC-2	ADA TOILET SEAT COVER / TOILET PAPER DISPENSER SANITARY MARKING DISPOSAL			FEMALE TOILET ROOMS	BOBRICK	B-3071	W: 17-3/16" H: 20-9/16" D: 4-5/16"	SATIN STAINLESS STEEL	
AC-3	HOOKS AT BACK OF PARTITION DOOR			TOILET ROOMS	BOBRICK	B-542	DA: 1-11/16" D: 1-11/16"	SATIN STAINLESS STEEL	
AC-4	36" ADA GRAB BAR			ALL TOILET ROOMS	BOBRICK	B-5806 x 36	DA: 1-1/4" L: 36"	SATIN STAINLESS STEEL	
AC-5	42" ADA GRAB BAR			ALL TOILET ROOMS	BOBRICK	B-5806 x 42	DA: 1-1/4" L: 42"	SATIN STAINLESS STEEL	
AC-6	PAPER TOWEL DISPENSER & RECEPTACLE			ALL TOILET ROOMS	BOBRICK	B-36903	W: 13" H: 31-1/8" D: 3-5/8" (RECESS)	SATIN STAINLESS STEEL	
AC-7	HAND DRYERS			ALL TOILET ROOMS	OYSON	AIRBLADE V HAND DRYER A812 (SPRAYED H6M) 28887-01	W: 9-1/4" H: 31-1/2" D: 4"	SPRAYED NICKEL	
AC-8	LAVATORY MOUNTED SOAP DISPENSER			ALL TOILET ROOMS	BOBRICK	B-8226	RECESSED H: 14-5/8" D: 4" DA: 2-1/16"	POLISHED STAINLESS STEEL	
AC-9	RECESSED BABY CHANGING STATION			PUBLIC TOILET ROOMS	BOBRICK	KB110-88RE RECESSED MOUNTED	W: 37" H: 23" D: 4"	SATIN STAINLESS STEEL	

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<p>ARCHITECT RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858</p>	<p>STRUCTURAL ENGINEER THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100</p>	<p>MEP / FP ENGINEER BARD, RAO & ATHANAS 105 MADISON AVENUE, 10TH FL NEW YORK, NY 10016 T. 212.840.0060</p>	<p>DISCLAIMER THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.</p>
<p>CIVIL ENGINEER LANGAN 121 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212.479.5400</p>	<p>LANDSCAPE ARCHITECT MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10021 T. 212.431.3609</p>	<p>INTERIOR LIGHTING DESIGNER ONE LUX STUDIO 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10011 T. 212.201.5790</p>	<p>SPECIFICATION CONSULTANT ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248</p>

ARCHITECT / ENGINEER SEAL

LOCATION PLAN

REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
E	DESIGN DEVELOPMENT	23-MAR-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER: **664.100**

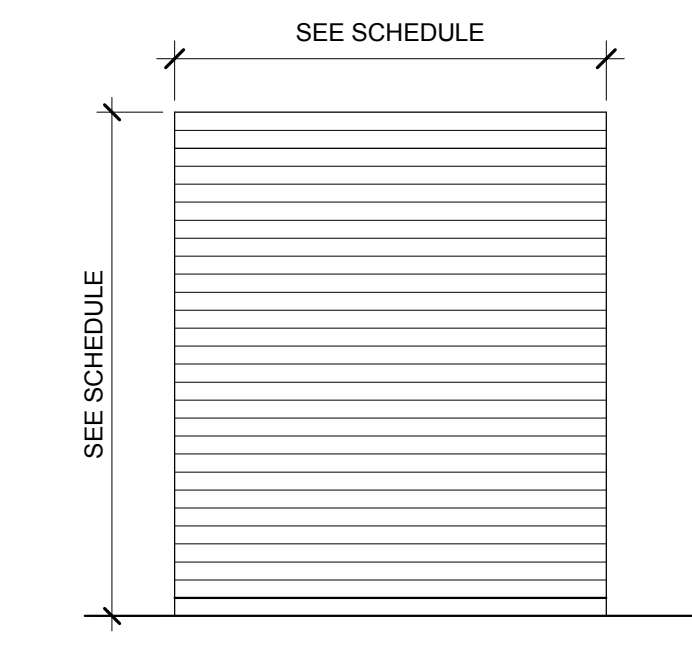
DRAWING TITLE: **INTERIOR FINISH LEGEND**

DRAWING NUMBER: **A-820.00**

DATE: **04/30/2016**

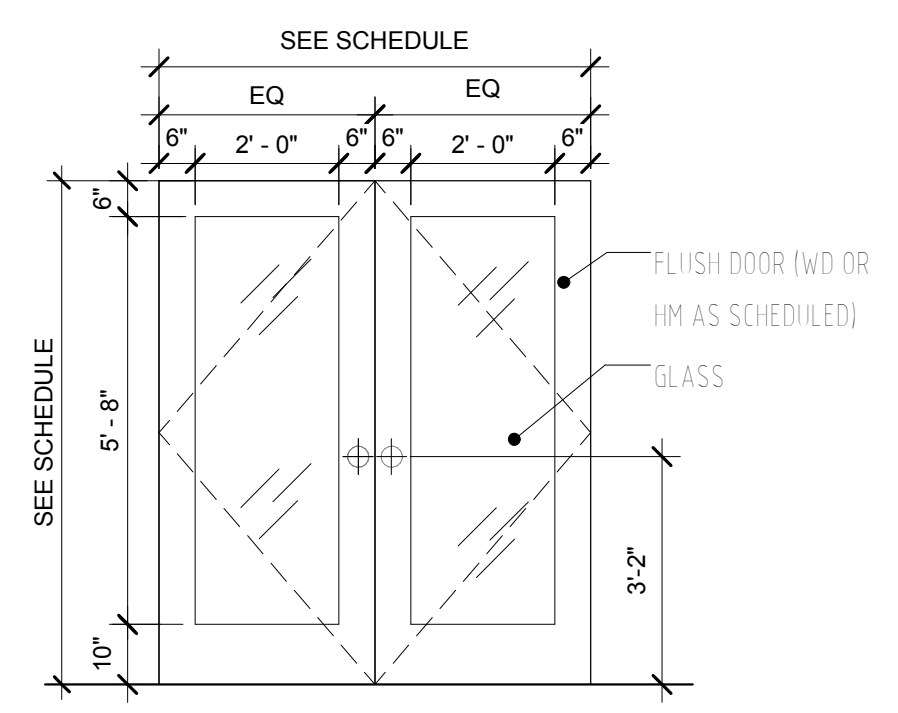
NYC Development Hub

NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.



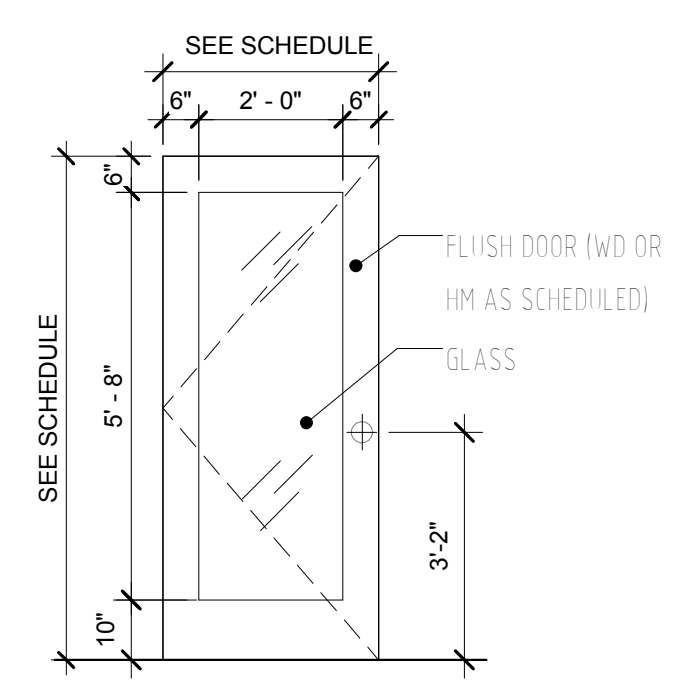
DOOR TYPE 11 ROLL-UP DOOR
SCALE: 3/8" = 1'-0" 11

NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.



DOOR TYPE 10 DOUBLE GL DOORS W/ 6" RAILING
SCALE: 3/8" = 1'-0" 10

NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.

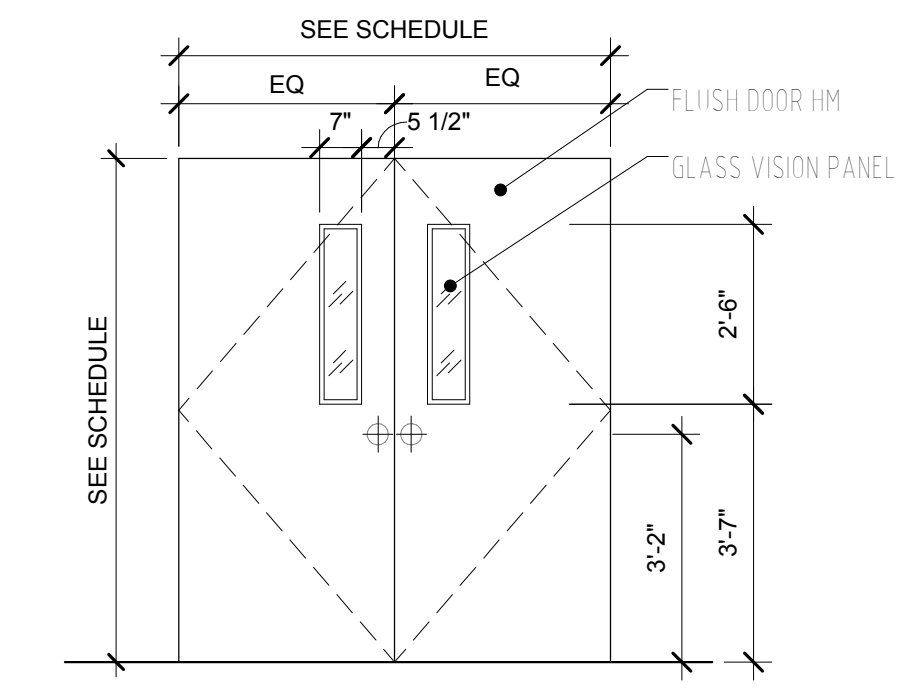


DOOR TYPE 09 SINGLE GL DOOR W/ 6" RAILING
SCALE: 3/8" = 1'-0" 09

NOT USED

NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.

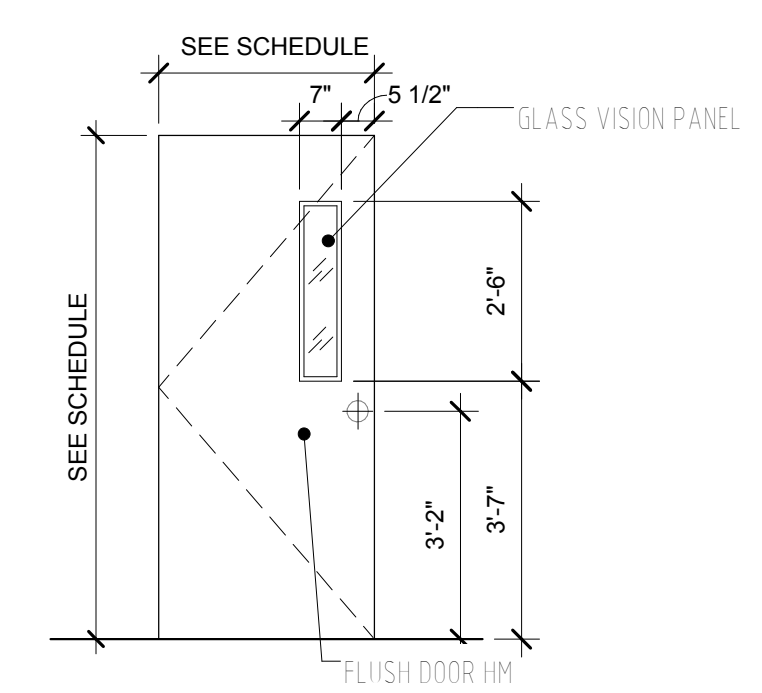
NOTE: ALL GLASS VISION PANELS TO BE FIRE GLASS AT FIRE RATED DOORS



DOOR TYPE 07 DOUBLE DOORS W/ VISION PANEL
SCALE: 3/8" = 1'-0" 07

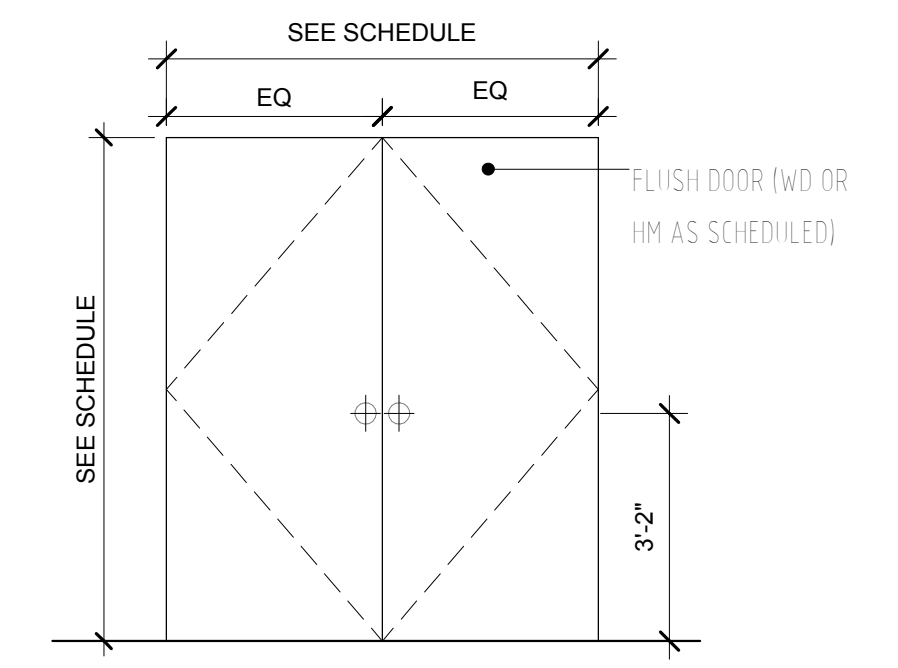
NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.

NOTE: ALL GLASS VISION PANELS TO BE FIRE GLASS AT FIRE RATED DOORS



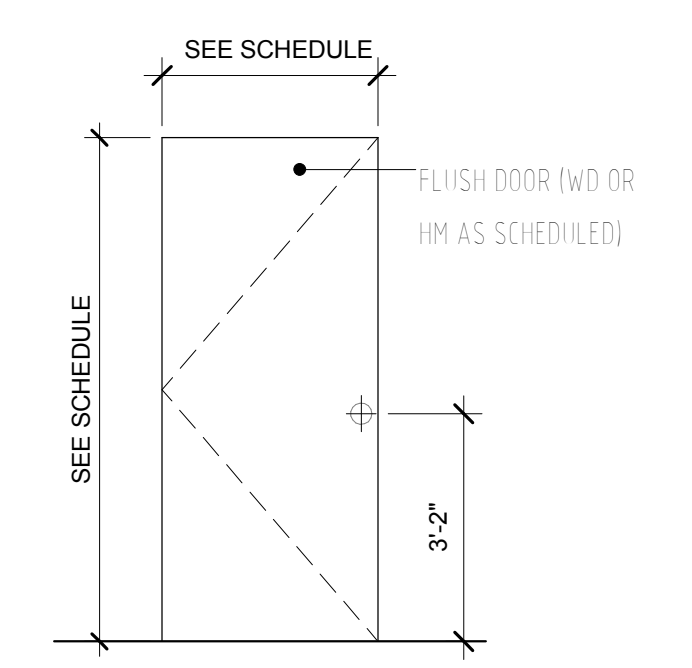
DOOR TYPE 06 SINGLE DOOR W/ VISION PANEL
SCALE: 3/8" = 1'-0" 06

NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.



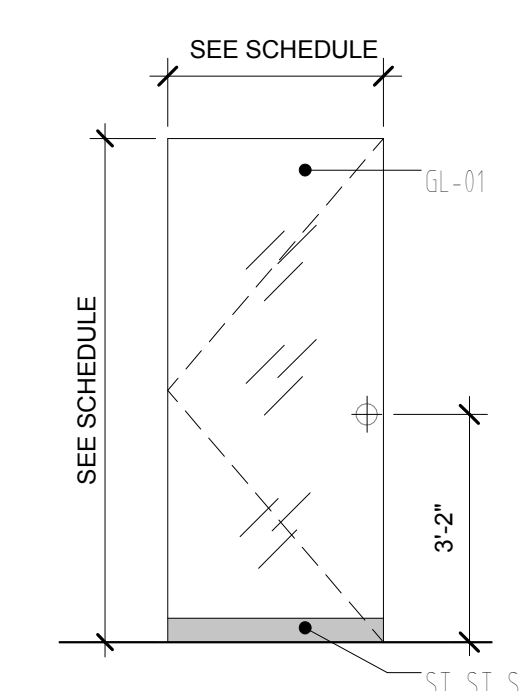
DOOR TYPE 05 DOUBLE DOORS
SCALE: 3/8" = 1'-0" 05

NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.



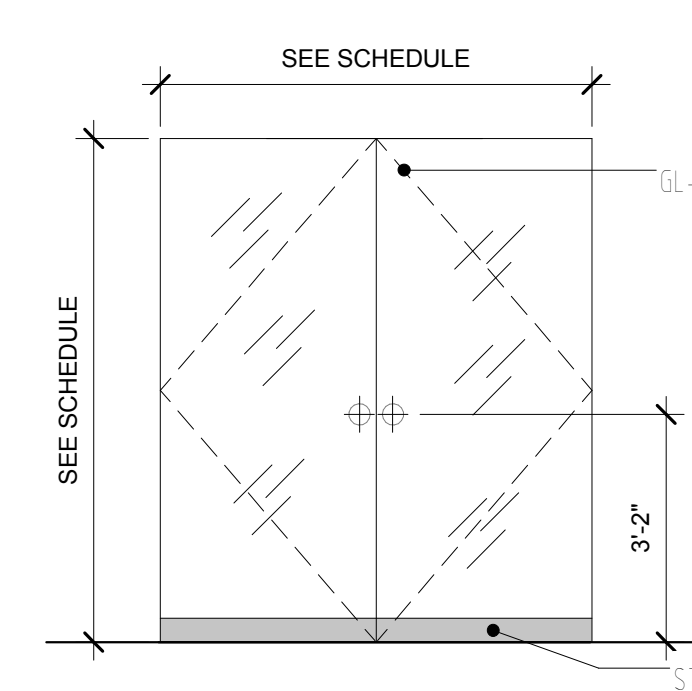
DOOR TYPE 04 SINGLE DOOR
SCALE: 3/8" = 1'-0" 04

NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.



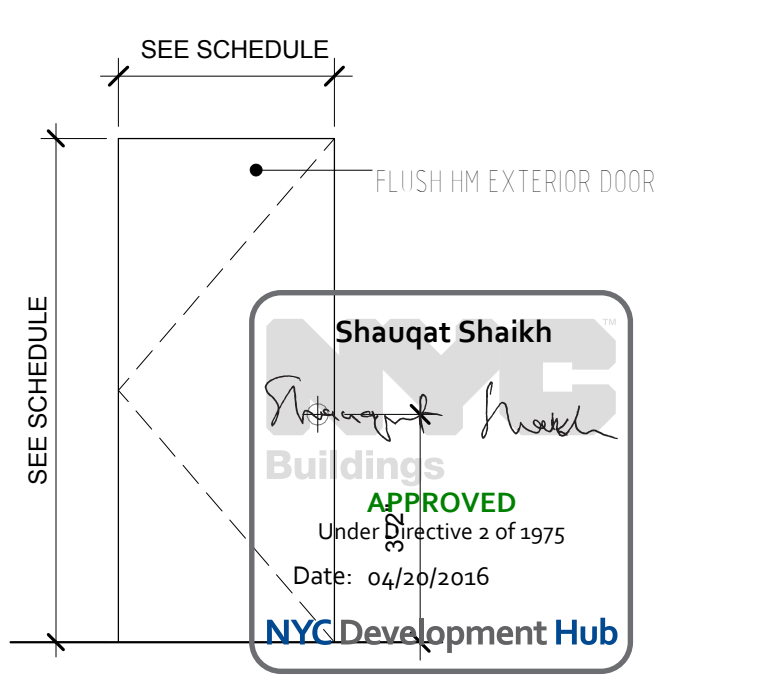
DOOR TYPE 03 EXTERIOR SINGLE DOOR EWS-3
SCALE: 3/8" = 1'-0" 03

NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.



DOOR TYPE 02 EXTERIOR DOUBLE DOORS EWS-2
SCALE: 3/8" = 1'-0" 02

NOTE:
PROVIDE HARDWARE, SECURITY & OPERATION DEVICES, AND FIRE & SOUND RATINGS PER DOOR & HARDWARE SCHEDULE.



DOOR TYPE 01 EXTERIOR SINGLE DOOR EWS-1
SCALE: 3/8" = 1'-0" 01

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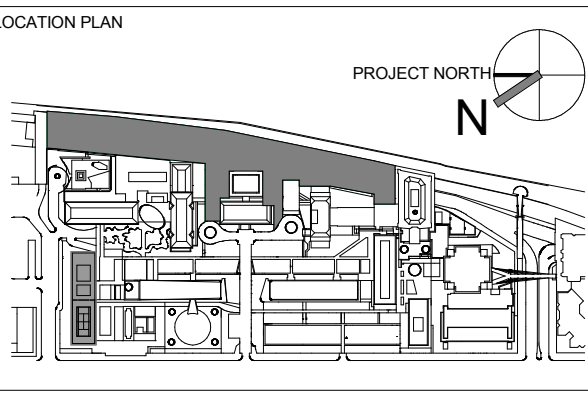
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
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INTERIOR LIGHTING DESIGNER
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SPECIFICATION CONSULTANT
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL
REGISTERED ARCHITECT
DOMINGAS BARDIMIR
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

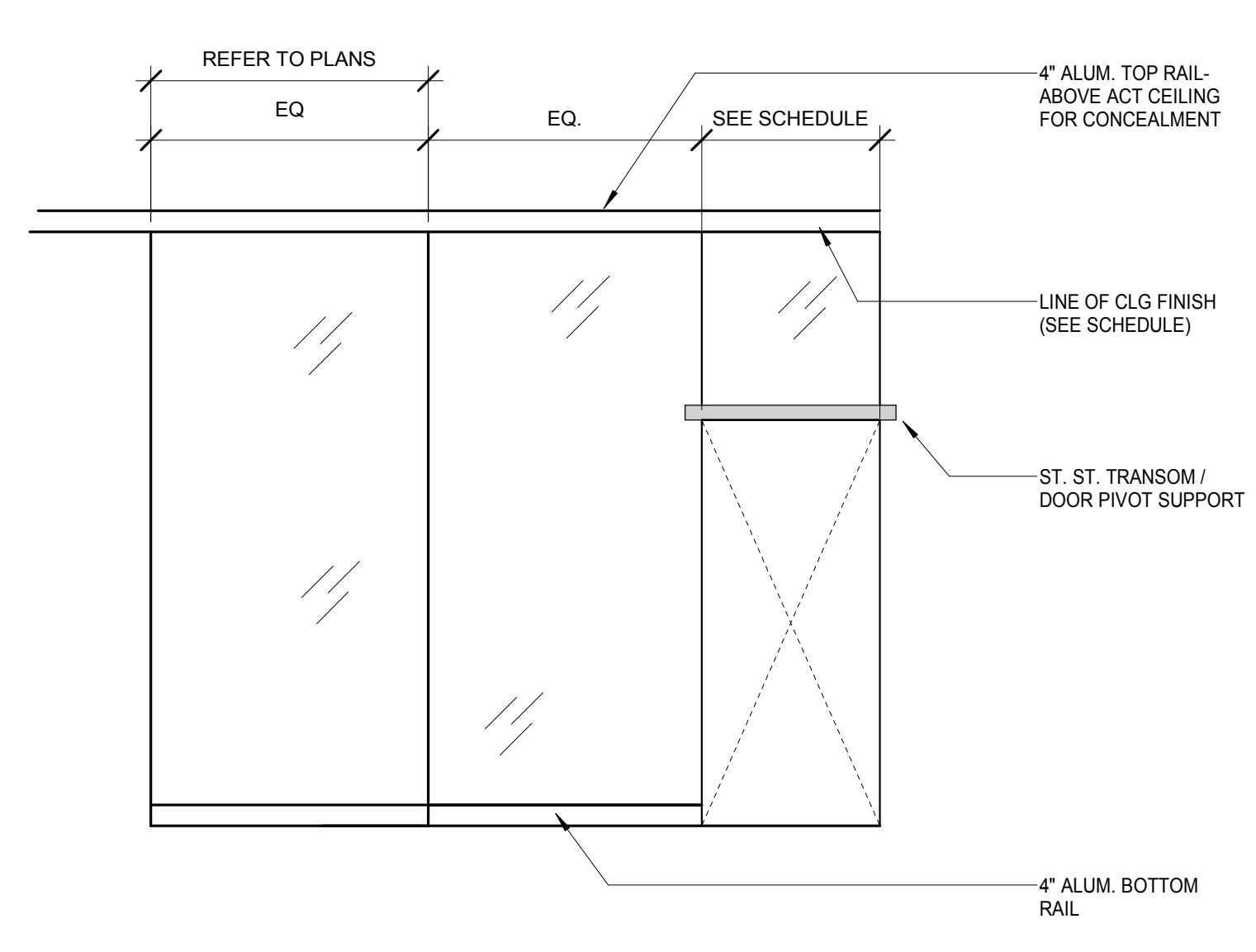
ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
24" x 36"
DRAWING SCALE
3/8" = 1'-0"

DRAWING TITLE
DOOR TYPES

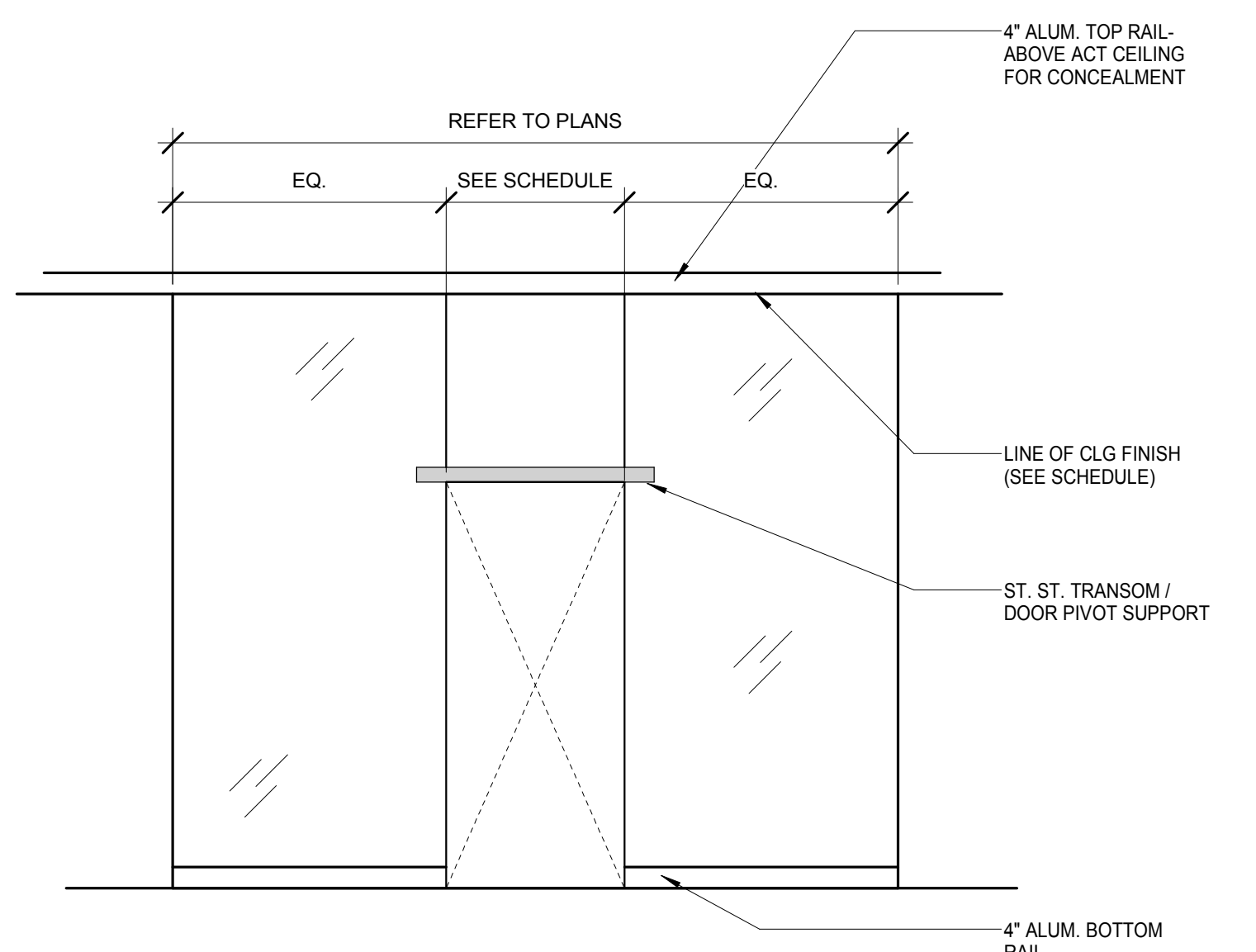
DRAWING NUMBER
A-830.00

Sheet 308 of 315

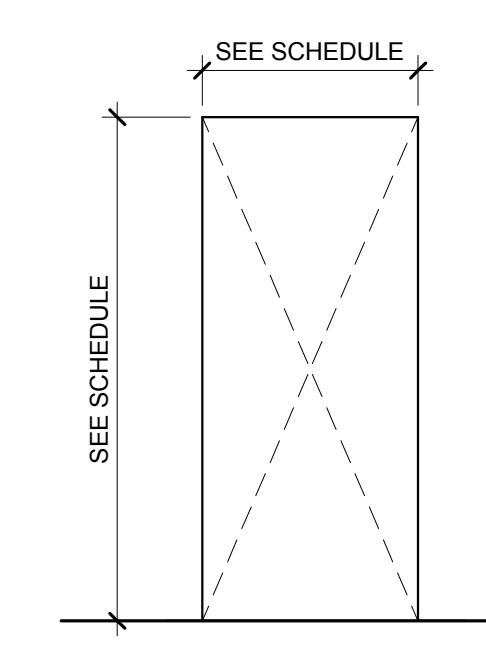
Shauqat Shaikh
APPROVED
Under Executive 2 of 1975
Date: 04/28/2016
NYC Development Hub



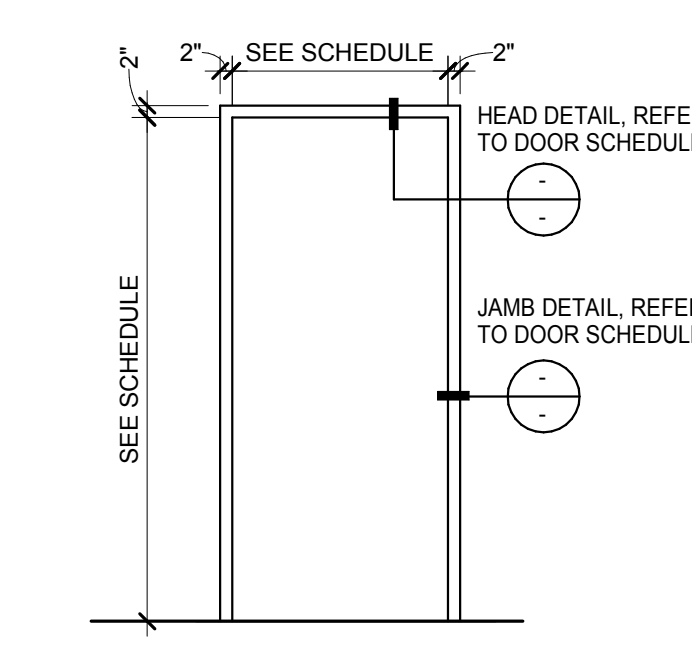
DOOR FRAME TYPE F5
SCALE: 3/8" = 1'-0"



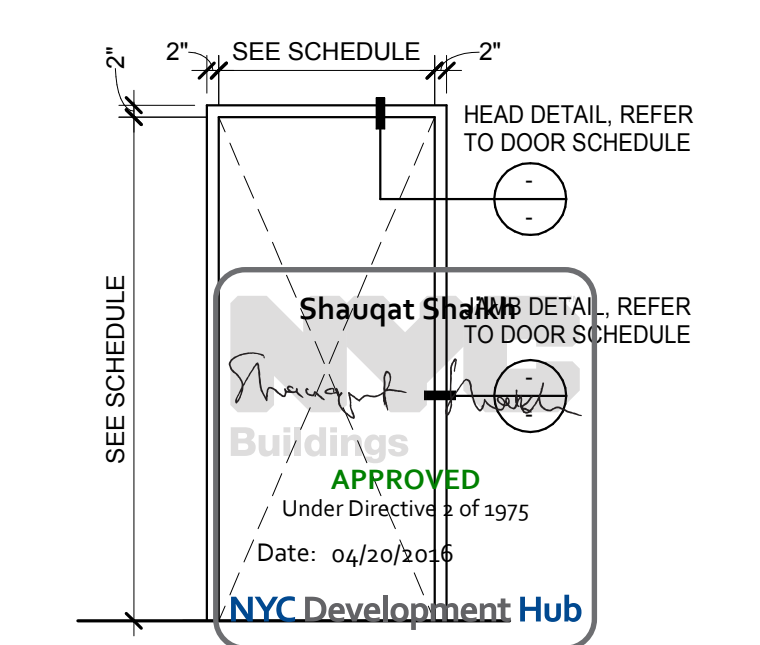
DOOR FRAME TYPE F4
SCALE: 3/8" = 1'-0"



DOOR FRAME TYPE F3
SCALE: 3/8" = 1'-0"



DOOR FRAME TYPE F2
SCALE: 3/8" = 1'-0"



DOOR FRAME TYPE F1
SCALE: 3/8" = 1'-0"

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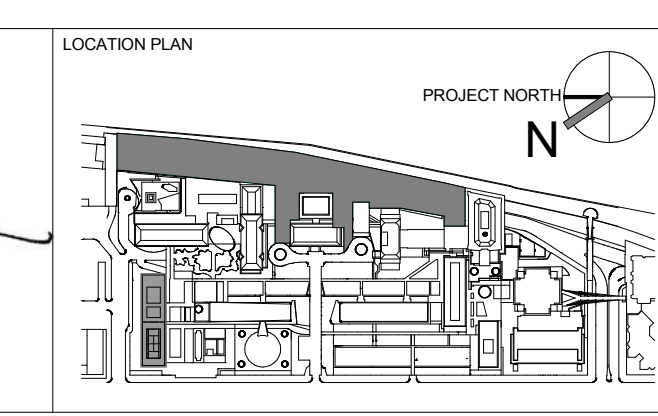
STRUCTURAL ENGINEER
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NEW YORK, NY 10018
T. 212.691.3248

ARCHITECT / ENGINEER SEAL



REV	DESCRIPTION	DATE	ARCHITECTS PROJECT NUMBER
1	PROGRESS SET	30-OCT-15	664.100
2	DOB SUBMISSION -RB	16-DEC-15	

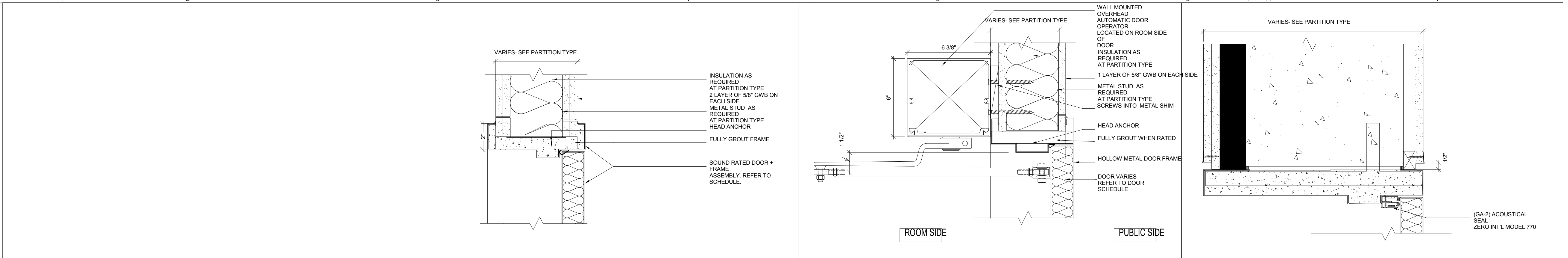
DRAWING SIZE: 24" x 36"
DRAWING SCALE: 3/8" = 1'-0"

PROJECT PHASE: CONSTRUCTION DOCUMENTS

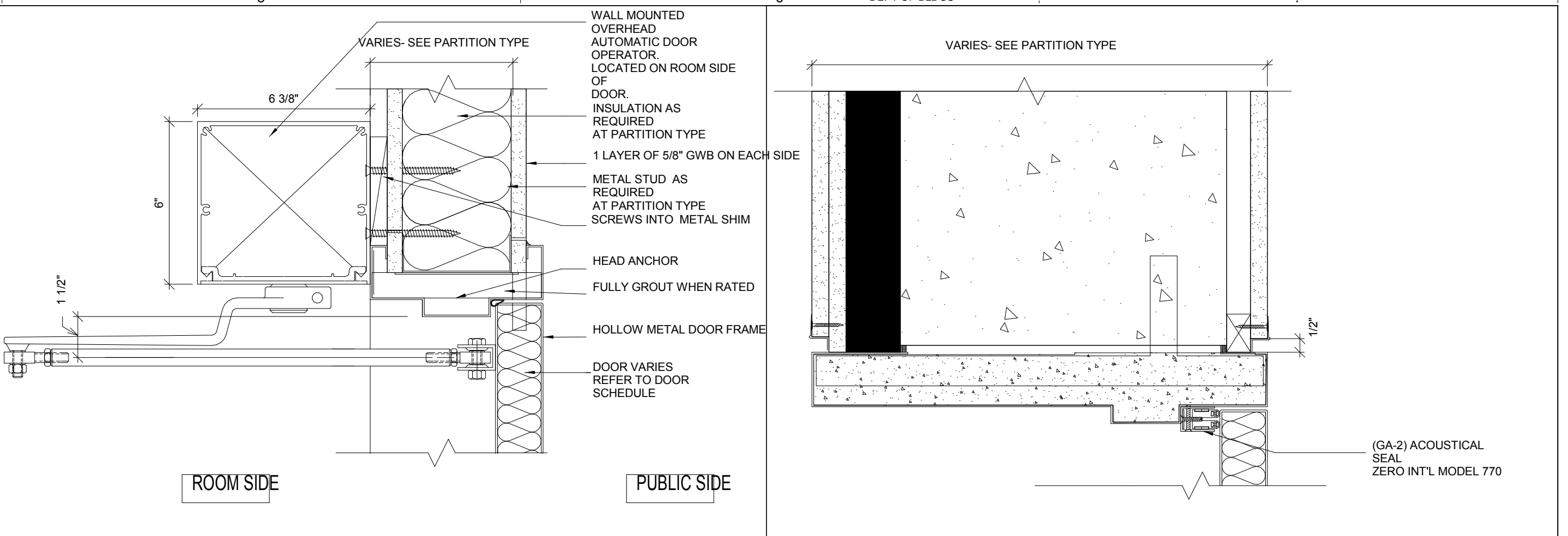
DRAWING TITLE
DOOR FRAME TYPES

DRAWING NUMBER: **A-831.00**

Sheet 309 of 315

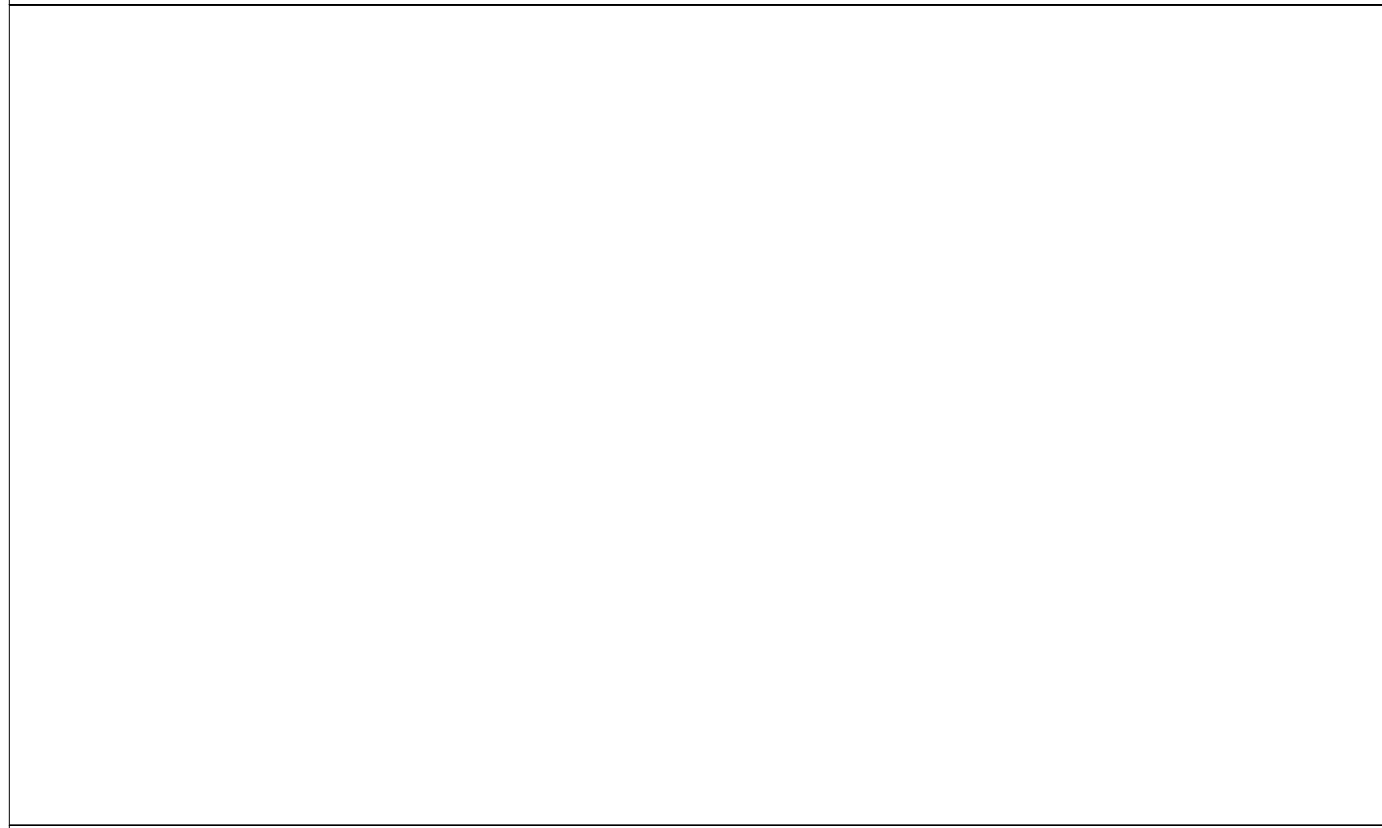


HEAD @ STC 49 DOOR AND FRAME
3" = 1'-0" H12

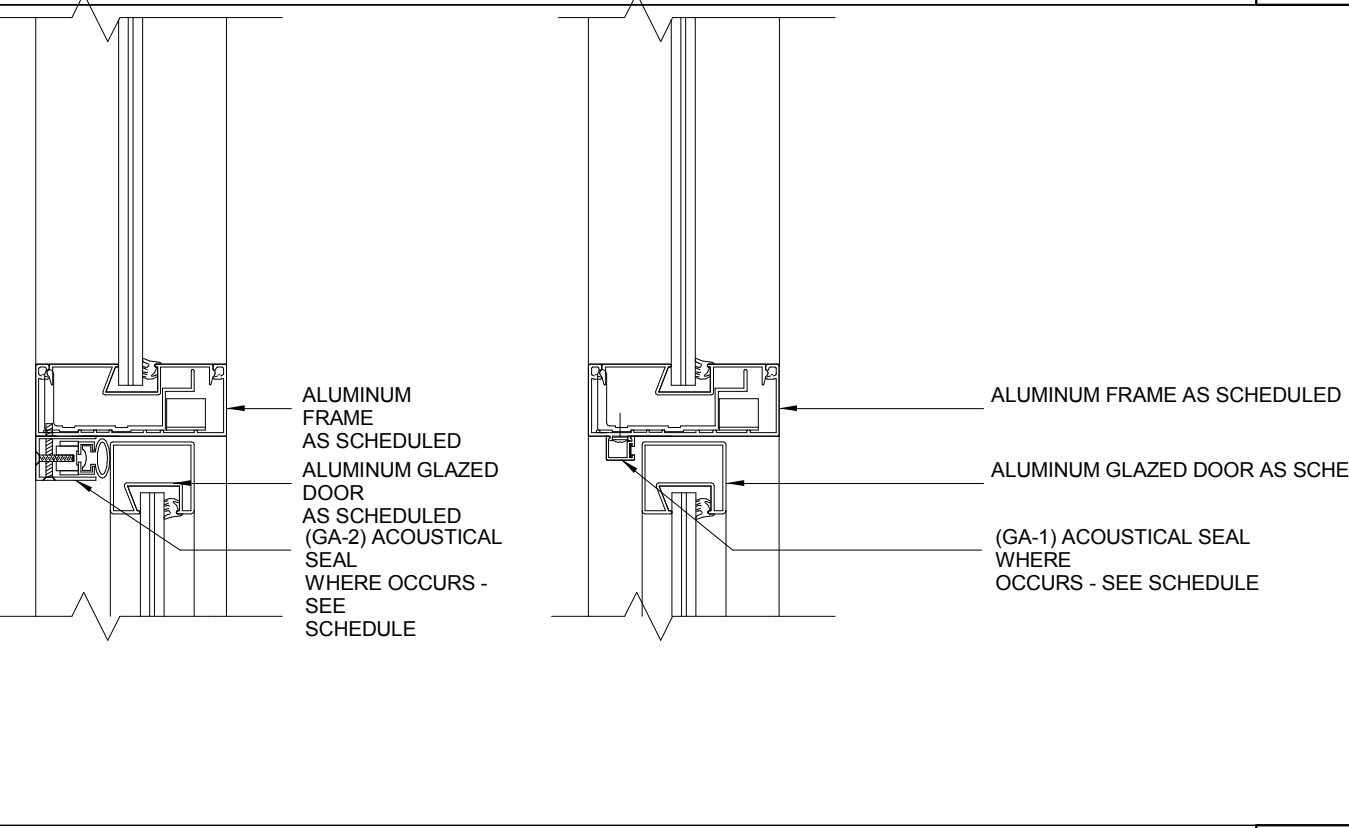


HEAD @ INTERIOR AUTOMATIC DOOR OPERATOR - ADA
3" = 1'-0" H8

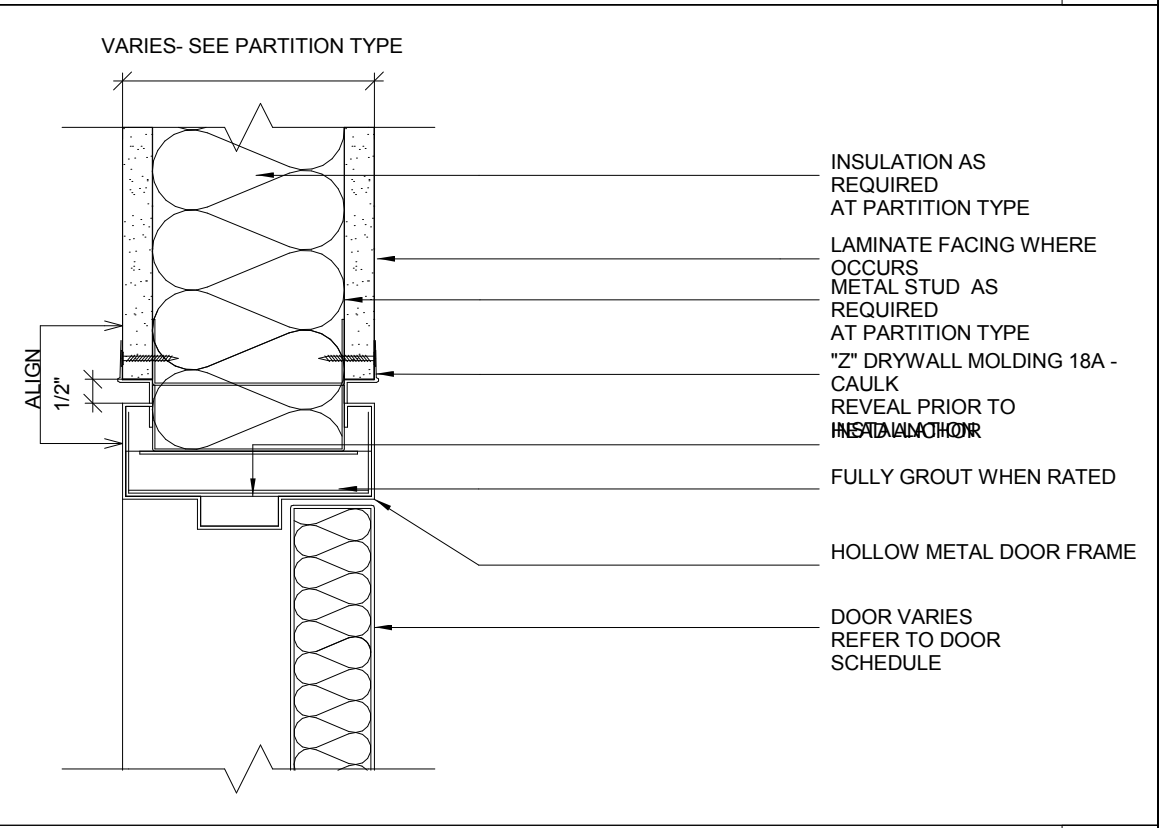
HEAD @ FURRED GWB CONCRETE WALL - FLUSH
3" = 1'-0" H4



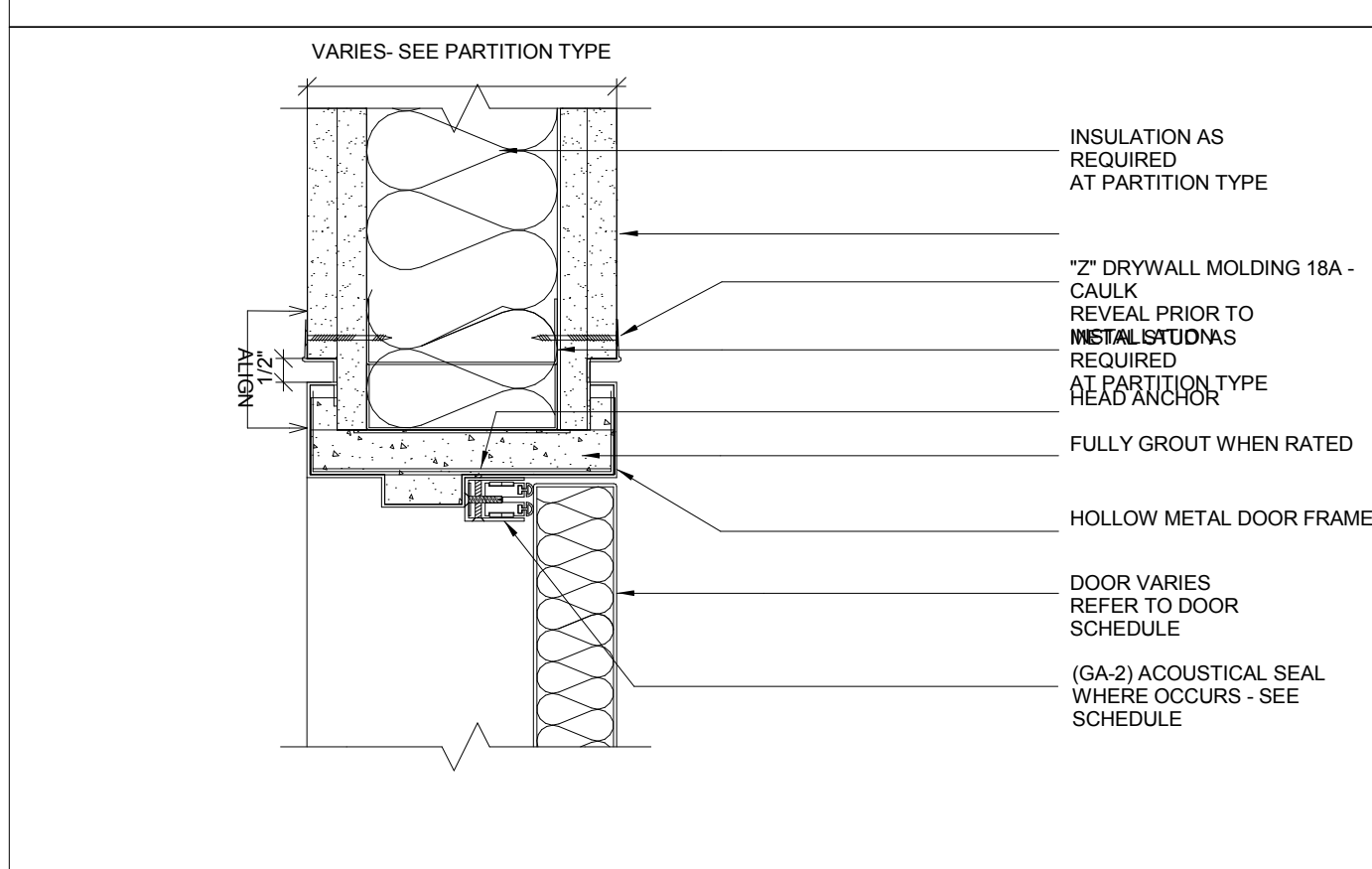
HEAD @ GLASS DOOR IN FULL-HEIGHT GLASS PARTITION
3" = 1'-0" H11



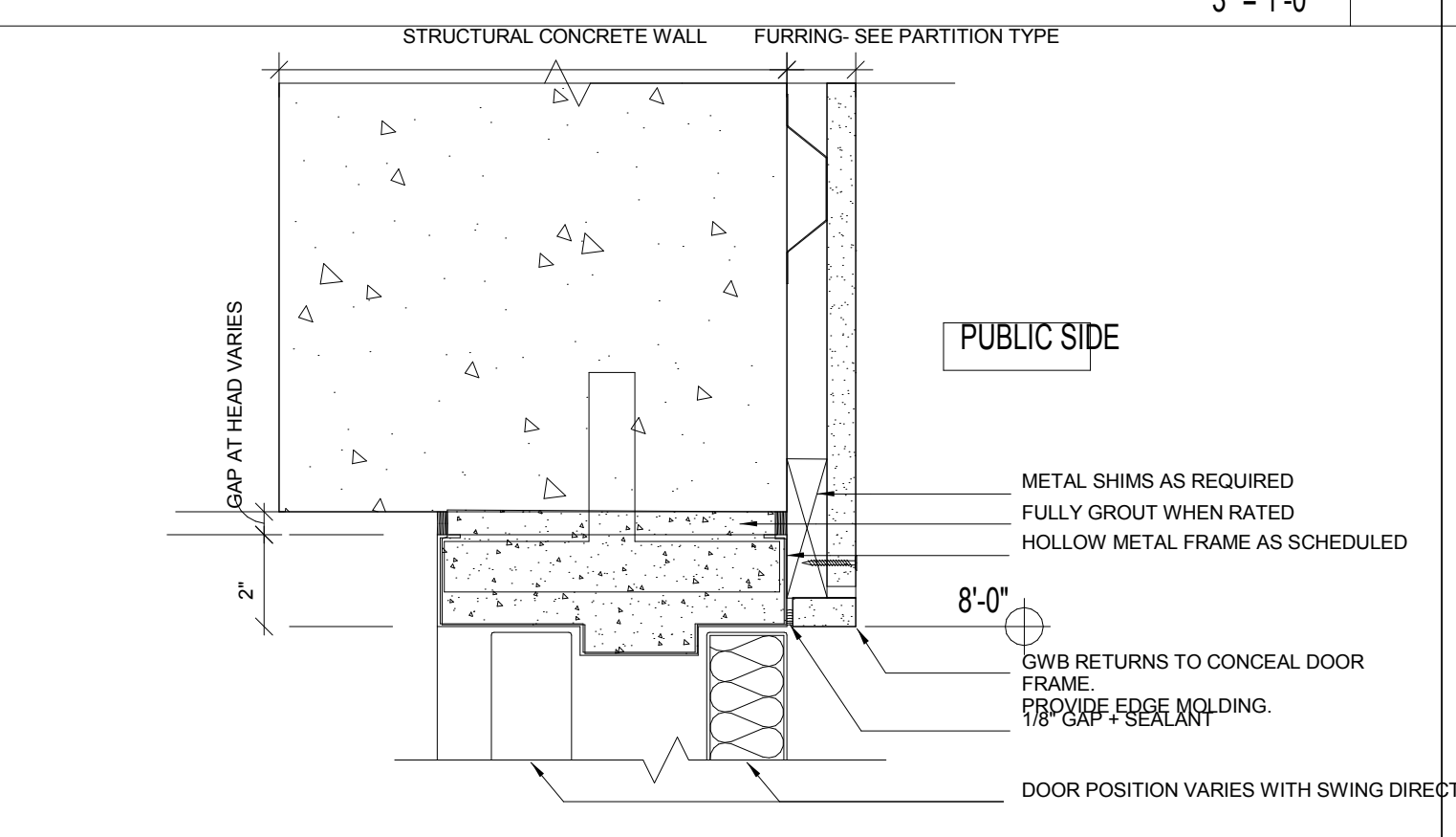
HEAD @ INTERIOR GLAZED WALL
3" = 1'-0" H7



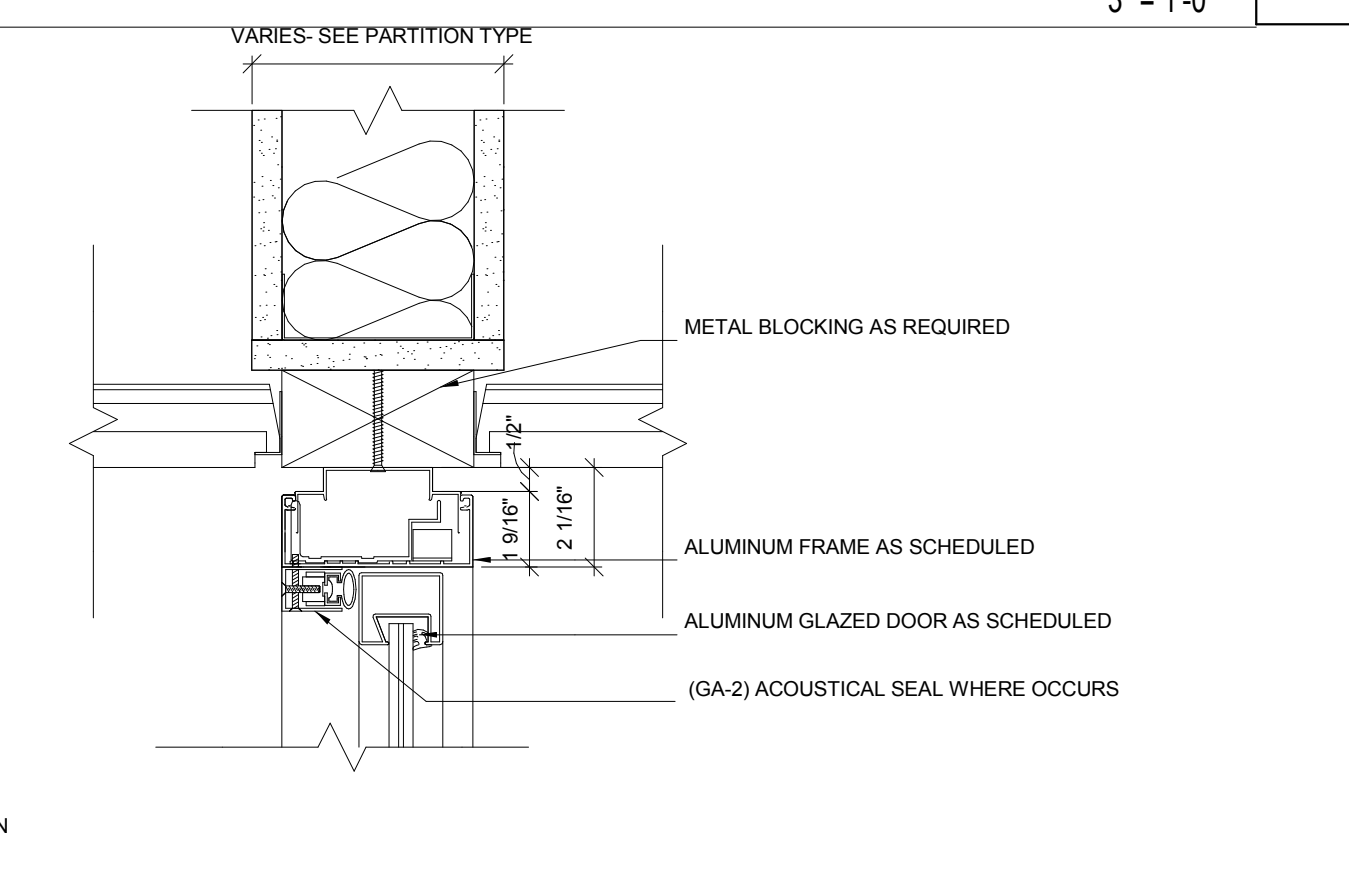
HEAD @ LEVEL 2 CAFE
3" = 1'-0" H3



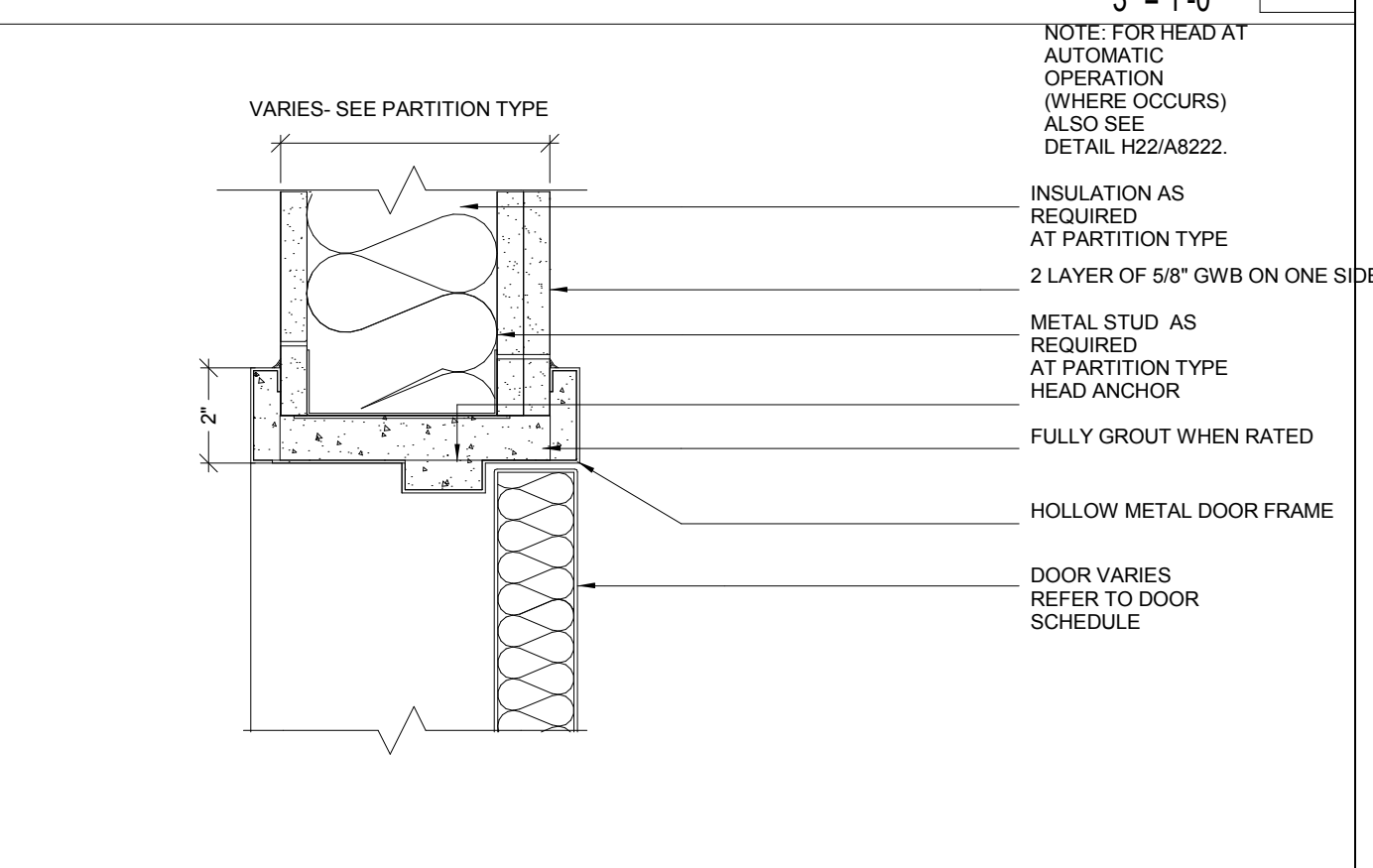
HEAD @ 2 LAYER GWB WALL - FLUSH
3" = 1'-0" H14



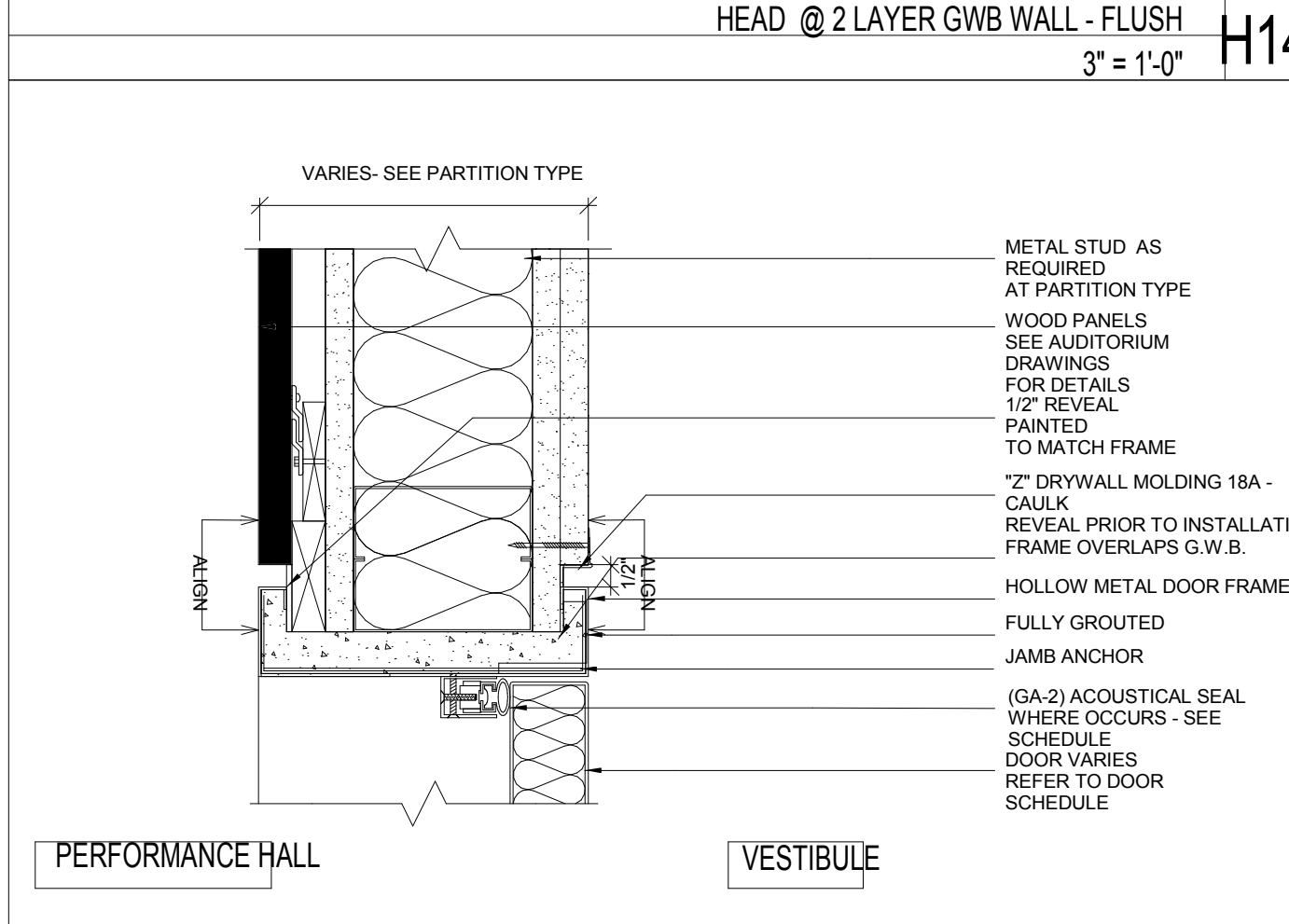
HEAD @ FURRED GWB CONCRETE WALL
3" = 1'-0" H10



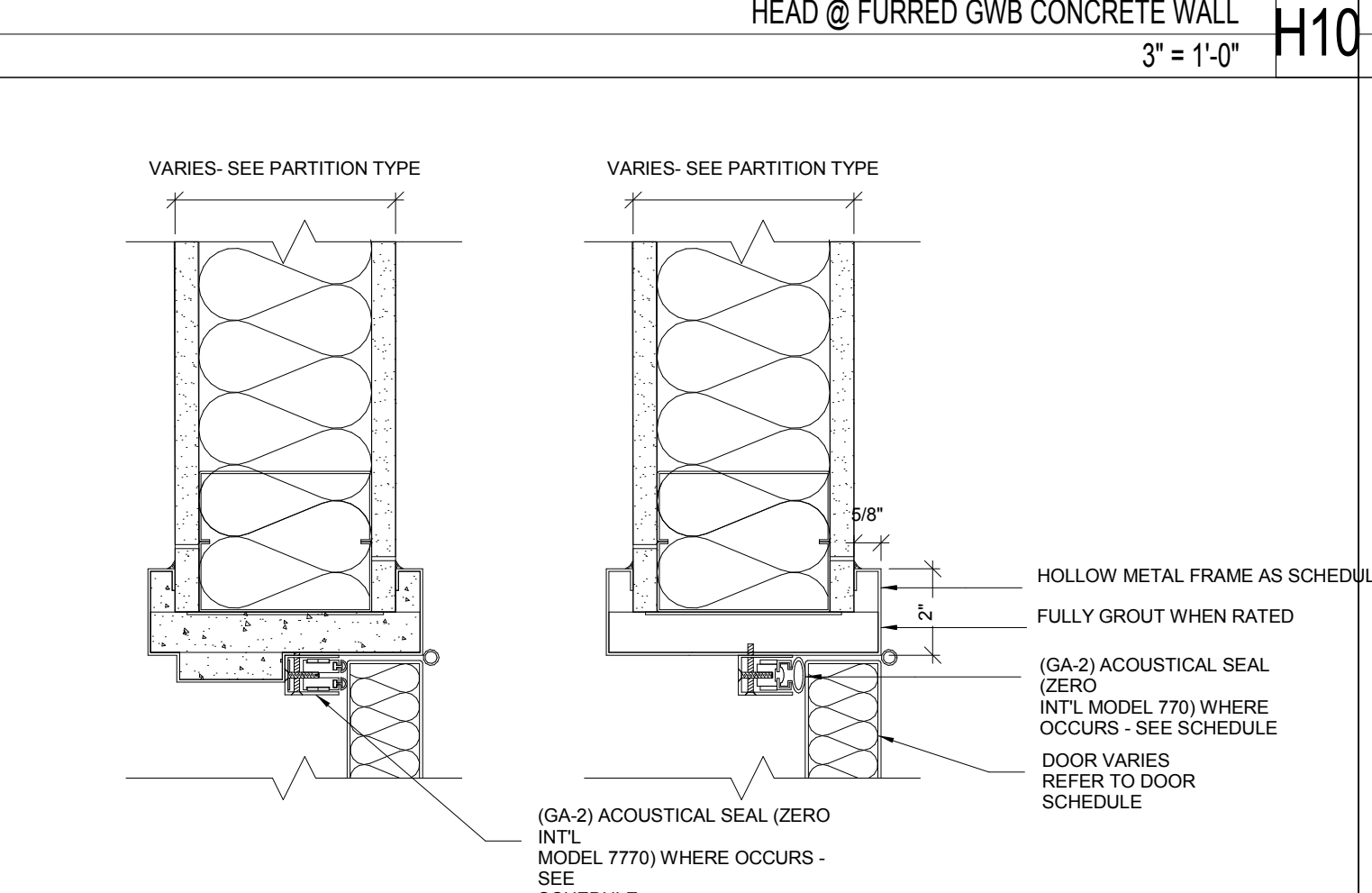
HEAD @ INTERIOR GLAZED WALL
3" = 1'-0" H6



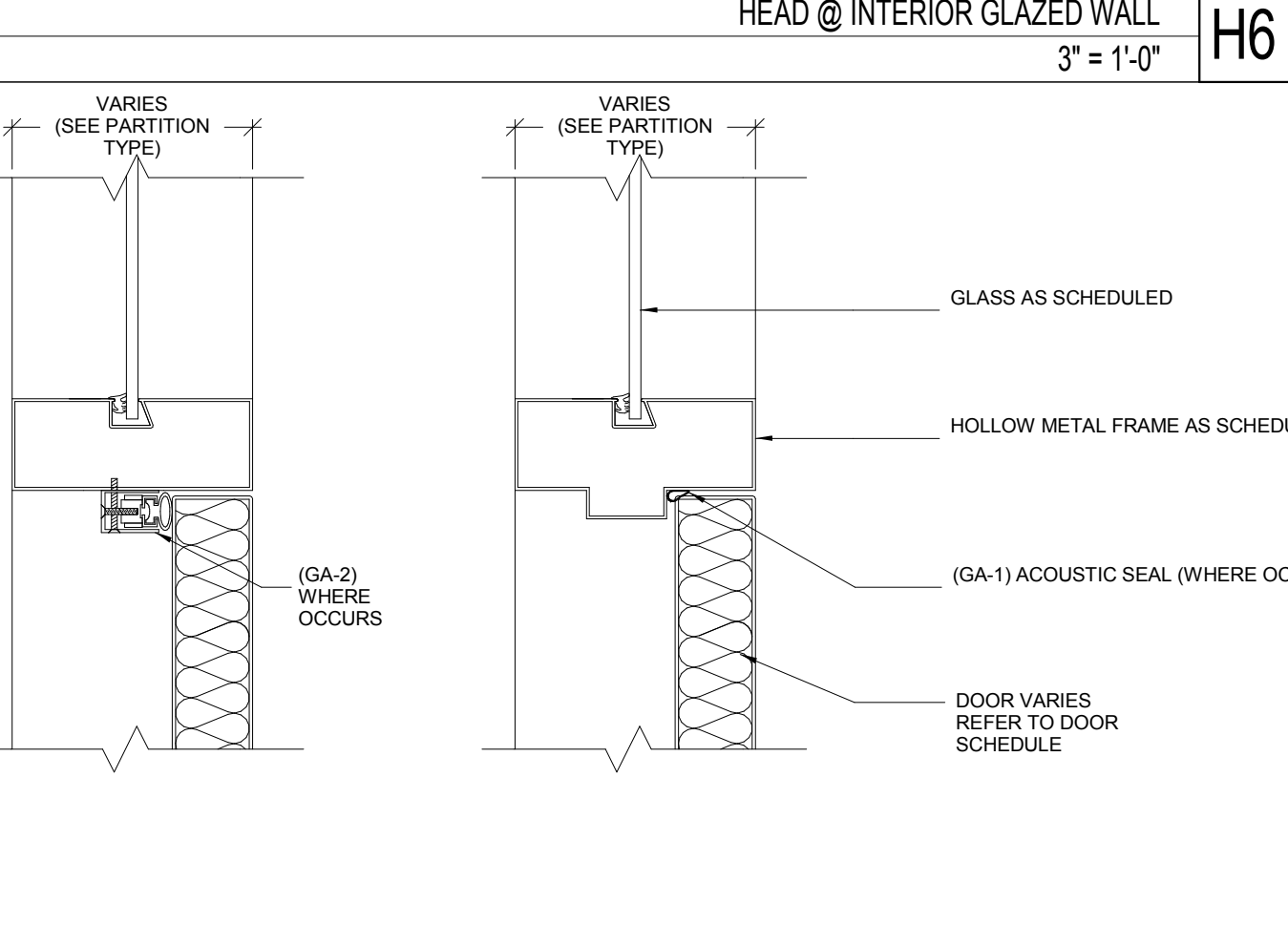
HEAD @ GYP. BD. WALL
3" = 1'-0" H2



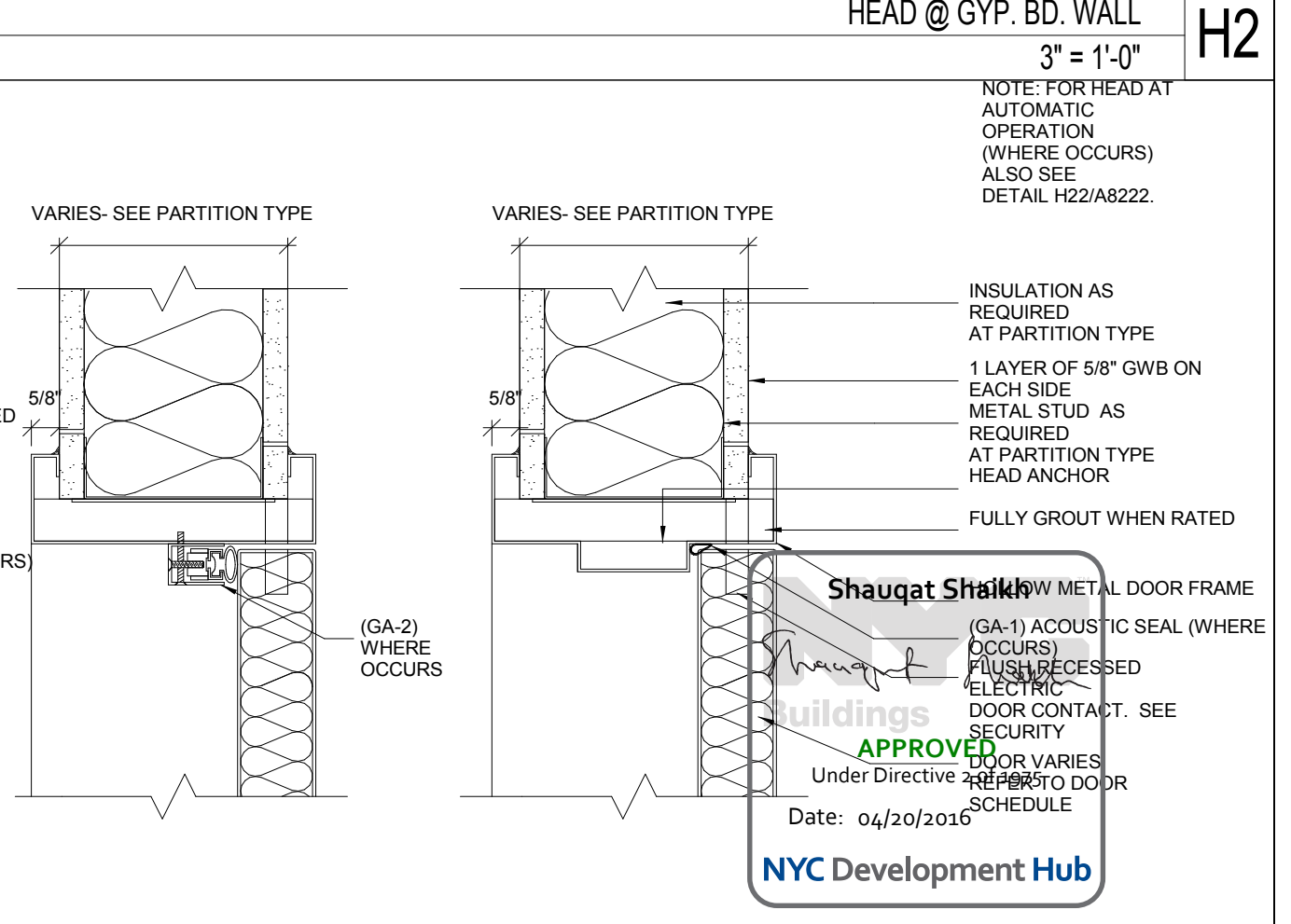
JAMB @ 2 LAYER GWB WALL AND PERFORMANCE HALL WOOD PANELS - FLUSH
3" = 1'-0" H13



JAMB @ GYP. BD. WALL WITH ADJUSTABLE GASKET
3" = 1'-0" H9



HEAD @ GLASS TRANSOM
3" = 1'-0" H5



HEAD @ 1 LAYER GYP. BD. WALL
3" = 1'-0" H1

Shauqat Shalikh
APPROVED
Under Directive
Date: 04/30/2016
NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
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ARCHITECT
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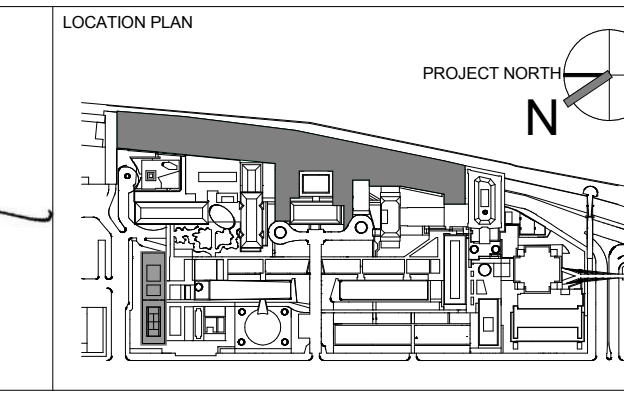
STRUCTURAL ENGINEER
THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102
T. 973.286.6100

MEP / FP ENGINEER
BARD, RAO + ATHANAS
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ONE LUX STUDIO
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NEW YORK, NY 10018
T. 212.691.3248

REGISTERED ARCHITECT
STATE OF NEW YORK
No. 015267



REV	DESCRIPTION	DATE
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100

DRAWING SIZE
24" x 36"

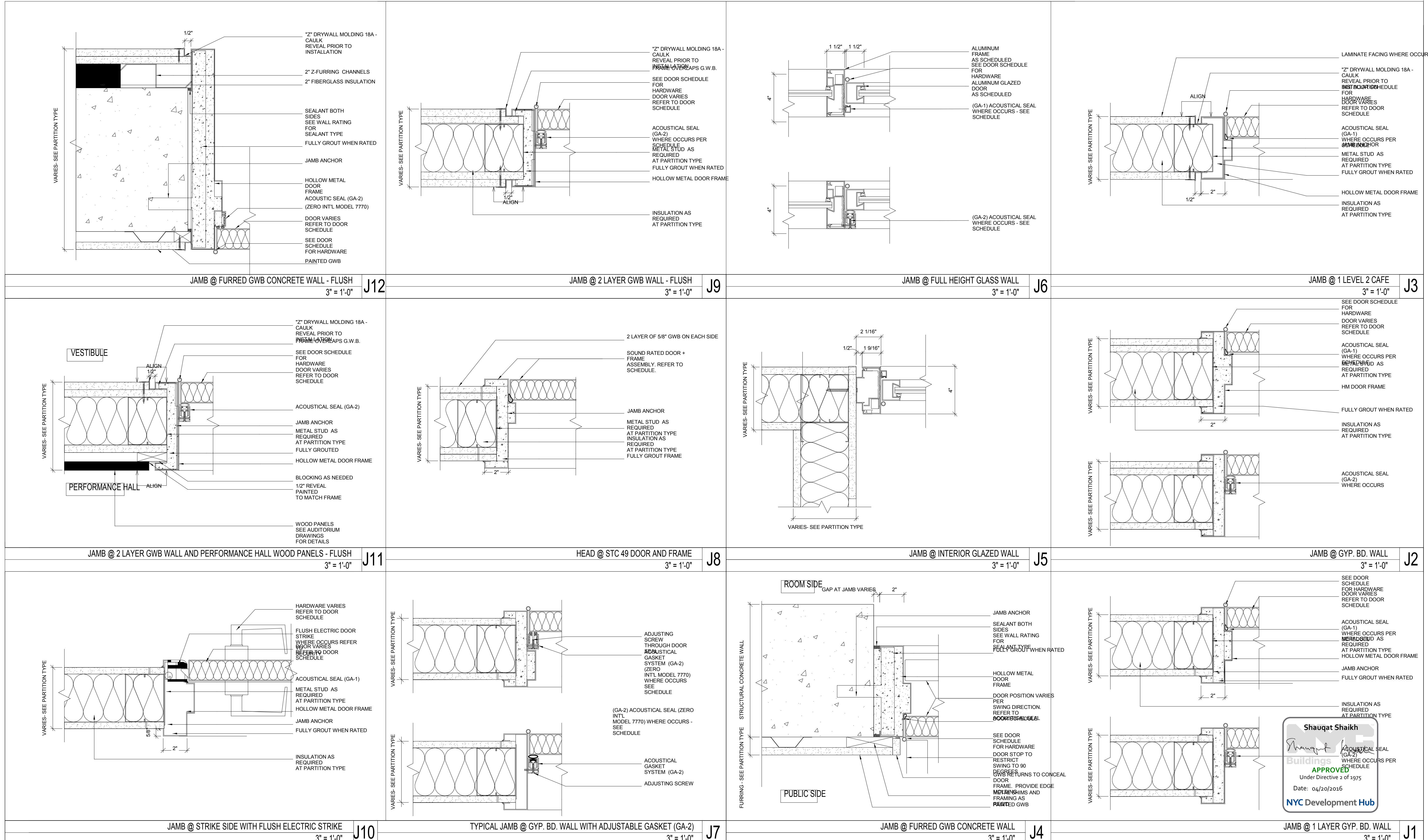
DRAWING SCALE
As indicated

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DRAWING TITLE
HEAD DETAILS

DRAWING NUMBER
A-835.00

Sheet 313 of 315



Shauqat Shaikh
 Buildings
 APPROVED
 Under Directive 2 of 1975
 Date: 04/30/2016
 NYC Development Hub

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
 1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECT
 RAFAEL VINOLY ARCHITECTS
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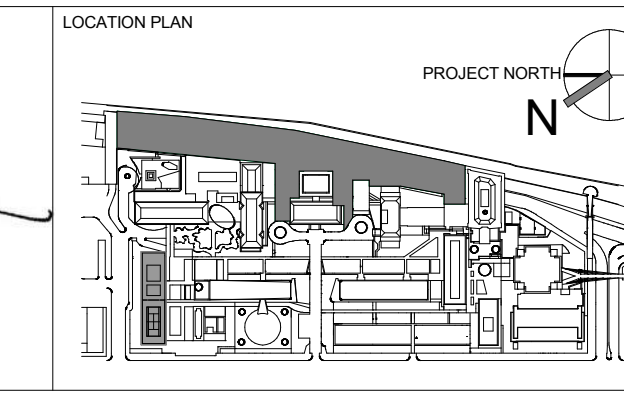
STRUCTURAL ENGINEER
 THORNTON TOMASETTI, INC.
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 NEW YORK, NY 10018
 T. 212.691.3248

ARCHITECT / ENGINEER SEAL
 REGISTERED ARCHITECT
 SHAUQAT SHAIKH
 No. 015267
 STATE OF NEW YORK



REV	DESCRIPTION	DATE
1	DOB SUBMISSION - RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
 664.100

DRAWING SIZE
 24" x 36"

DRAWING SCALE
 3" = 1'-0"

PROJECT PHASE
 CONSTRUCTION DOCUMENTS

DRAWING TITLE
 JAMB DETAILS

DRAWING NUMBER
 A-836.00

Sheet 314 of 315

THE ROCKEFELLER UNIVERSITY - RIVER BUILDING
FURNITURE LIST

CODE	DESCRIPTION	IMAGE	LOCATION	MANUFACTURER	PRODUCT #/NAME	COLOR/FINISH	NOTES
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ACCESSORIES

A-1	TASK LIGHT		HOL OFFICE & LAB	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	UM	SEAT SHELL - BASIC DARK	1 PER HOL OFFICE & WORKSTATION
A-2	DESKSIDE TRASH		HOL OFFICE & LAB	RUBBERMAID	COMMERCIAL STEEL MESH WASTE BASKET	BLACK	1 PER HOL OFFICE & WORKSTATION
A-3	RECYCLING BIN		THROUGHOUT	RUBBERMAID	COMMERCIAL SUM JIM - RECYCLING	BLUE	
A-4	TRASH BIN		THROUGHOUT	RUBBERMAID	COMMERCIAL SUM JIM - TRASH	GREY	
A-5	MARKER BOARD		CONFERENCE ROOM	PETER PEPPER PRODUCT	TACTICS	WHITE	

CHAIRS

CH-1	LAB STOOL - COUNTER HEIGHT		LAB	VITRA MICHELLE CARLSON (646) 300-4701 michelle@mi-concepts.com	O4 COUNTER	SEAT SHELL - BASIC DARK	
CH-2	LAB STOOL		LAB	VITRA MICHELLE CARLSON (646) 300-4701 michelle@mi-concepts.com	O4	SEAT SHELL - BASIC DARK	
CH-3	TASK CHAIR		HOL OFFICE	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	ZODY	TRIM - BLACK BASE - ALUMINUM BACKREST - MESH SEAT - FABRIC GRADE C	
CH-4	GUEST CHAIR		HOL OFFICE	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	VERY SIDE CHAIR	SHELL - BLACK BACKREST & SEAT UPHOLSTERY - DESIGNTEX - ROCKET BASE - CHROME	
CH-5	CONFERENCE CHAIR		CONFERENCE ROOM	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	LOTUS	FABRIC UPHOLSTERY - VESCOM - YUMA	
CH-6	ICC CONFERENCE CHAIR		ICC	LAMMHULTS C/O ICF GROUP JANIE BLUM 212.388.1000 janieb@icfgroup.com	HIGH BACK ARCHALSWIVEL CHAIR	FABRIC UPHOLSTERY - DESIGNTEX - ARGIANO	
CH-7	ICC GUEST CHAIRS		ICC	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	VERY WIRE STACKER	SHELL - BLACK	
CH-8	LOUNGE CHAIR		LOUNGE AREA	BERNHARDT DESIGN BRIGID DAY 212.997.6600 BrigidDay@bernhardt.com	B.1	FABRIC UPHOLSTERY - GRADE 5	
CH-9	LOUNGE SOFA		LOUNGE AREA	BERNHARDT DESIGN BRIGID DAY 212.997.6600 brigidday@bernhardt.com	B.1	FABRIC UPHOLSTERY - GRADE 5	
CH-10	LOUNGE CHAIR		LOUNGE AREA	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	COLLABORATE	FABRIC UPHOLSTERY - GRADE 5	
CH-11	CAFÉ CHAIR		DINING PAVILION	DAVIS KRISTINA RICICKI 212.682.7272 kristinar@njmlltd.com	JOIN	BACKREST - WOOD SEAT - MAHARAM GRADE F	

THE ROCKEFELLER UNIVERSITY - RIVER BUILDING
FURNITURE LIST

CODE	DESCRIPTION	IMAGE	LOCATION	MANUFACTURER	PRODUCT #/NAME	COLOR/FINISH	NOTES
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CH-12	OUTDOOR CHAIR		OUTDOOR SPACE	JANUS ET CIE	RION SIDE CHAIR	POWDER COATED ALUMINUM	
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TABLES

TB-1	MEETING TABLE		HOL OFFICE	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	PLANES	TOP - WOOD EDGE - KNIFE EDGE BASE - CHROME	
TB-2	MEETING TABLE		LAB	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	PLANES	TOP - WOOD EDGE - KNIFE EDGE BASE - CHROME	
TB-3	CONFERENCE TABLE		CONFERENCE ROOM	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	PLANES	TOP - WOOD EDGE - KNIFE EDGE BASE - CHROME	
TB-4	CONFERENCE TABLE		ICC CONFERENCE ROOM	HALCON KRISTINA RICICKI 212.682.7272 kristinar@njmlltd.com	MESA	TOP - WOOD EDGE - KNIFE EDGE BASE - WOOD	
TB-5	TRAINING TABLE		ICC	BERNHARDT DESIGN BRIGID DAY 212.997.6600 BrigidDay@bernhardt.com	TRACTION	TOP - WOOD BASE - POLISHED ALUMINUM	
TB-6	COFFEE TABLE		LOUNGE AREA	BERNHARDT DESIGN BRIGID DAY 212.997.6600 BrigidDay@bernhardt.com	QUIET	TOP - WOOD BASE - BRUSHED STAINLESS STEEL	
TB-7	DINING TABLE		DINING PAVILION	WEST COAST INDUSTRIES	DUNHILL	TOP - 3FORM CHROMA BASE - POLISHED CHROME	
TB-8	OUTDOOR TABLE		OUTDOOR SPACE	JANUS ET CIE	ALUMINUM TABLE TOP & TONDA BASE	TOP - POWDER COATED ALUMINUM BASE - POWDER COATED STEEL	

CREDENZA

CR-01	CREDENZA		CONFERENCE ROOM	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	PLANES	WOOD	
CR-02	ICC CREDENZA		ICC CONFERENCE ROOM	HALCON KRISTINA RICICKI 212.682.7272 kristinar@njmlltd.com	MESA	WOOD	
CR-03	ICC CREDENZA		ICC	BERNHARDT DESIGN BRIGID DAY 212.997.6600 BrigidDay@bernhardt.com	CREDENZA	WOOD	

CASEWORK

CA-1	OFFICE CASEWORK		HOL OFFICE	HAWORTH JULIA ROSENLOW 646.734.0931 julia.rosenlow@haworth.com	CUSTOM	WOOD	
CA-2	LECTERN		ICC	NUCRAFT	HIGH TECH LECTERN - CUSTOM W/ LAMP & A/V EQUIPMENT ACCESSABILITY	WOOD	

Shauqat Shaikh
APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
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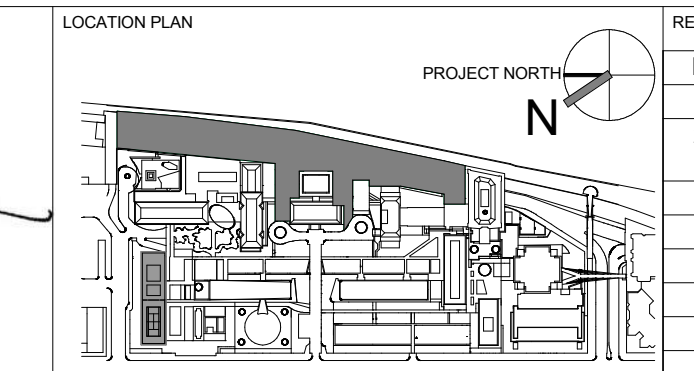
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REGISTERED ARCHITECT
JULIUS BARDWIN
No. 015267
STATE OF NEW YORK



REV	DESCRIPTION	DATE
D	DESIGN DEVELOPMENT	27-FEB-15
1	PROGRESS SET	30-OCT-15
2	DOB SUBMISSION -RB	16-DEC-15

ARCHITECTS PROJECT NUMBER
664.100
DRAWING SIZE
24" x 36"
DRAWING SCALE

DRAWING TITLE
FURNITURE SCHEDULE
DRAWING NUMBER
A-850.00
Sheet 315 of 315