



15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

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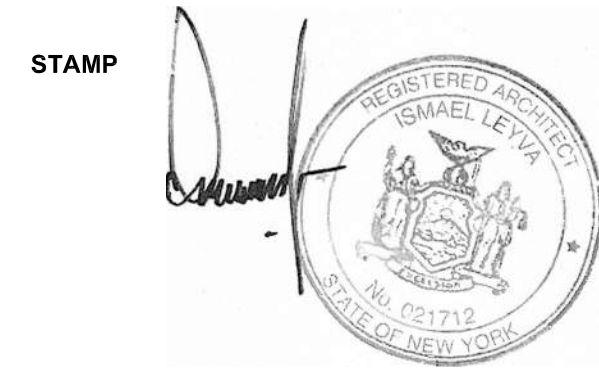
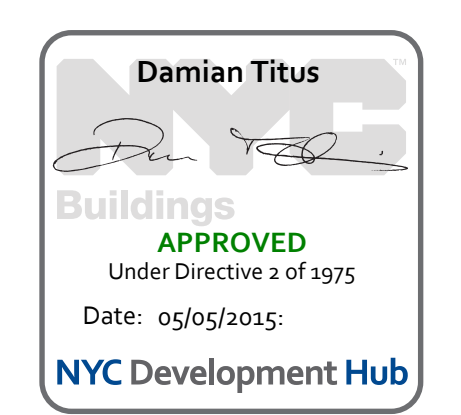
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**LANDSCAPE DESIGNER:**  
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**SHEET NOTES:**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.08.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
FOUNDATION BID SET REV. 2	09.02.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**15 HUDSON YARDS a.k.a. HUDSON YARDS - TOWER D**  
**553 W 30th Street, New York, NY.**  
**UPDATED DOB SET**  
**JANUARY 20, 2015**



**DATE OF PRINT:**  
2015-01-20

**DRAWN BY:**      **CHECKED BY:**

**PROJECT NUMBER:**

**SHEET TITLE:**  
**COVER SHEET**

**DRAWING NO.:**

000



ABBREVIATIONS

MATERIALS LEGEND

SYMBOLS

Table of abbreviations with columns A through T, listing terms like A/C, BATH, BRICK, etc., and their corresponding full names.

Table of materials legend with columns for material name (e.g., GYPSUM BOARD, STEEL, ALUMINUM) and a corresponding hatched or patterned symbol.

Table of symbols with columns for symbol name (e.g., COLUMN NUMBER & HOLD POINT, TOILET (BATH) EXHAUST DUCT) and a corresponding graphical symbol.

15 HUDSON YARDS a.k.a. 553 W 30TH STREET, NEW YORK, NY.

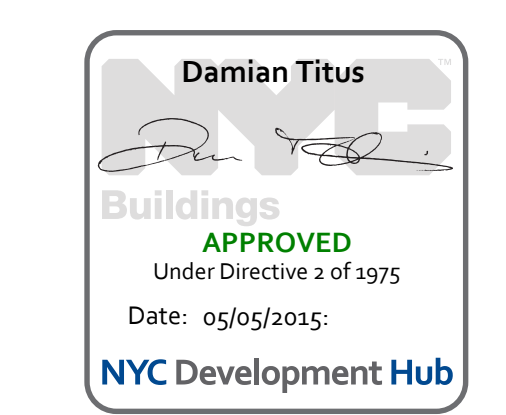
OWNER: Related Companies
EXECUTIVE ARCHITECT: Daniel Libeskind Architects
DESIGNER: Dilber Scodlino-Rentfro
STRUCTURAL ENGINEER: WSP|Parsons|Bentley
MEP ENGINEER: Jaros Baum & Bolles Consulting Engineers
EXTERIOR WALL CONSULTANT: Israel Berger & Associates
VERTICAL TRANSPORTATION: Van Driem & Associates
LEED CONSULTANT: Veridian
ACOUSTICAL CONSULTANTS: CERAMIC ASSOCIATES INC.
LANDSCAPE DESIGNER: Nelson Byrd Woltz

SHEET NOTES:

Table with columns for ISSUE SET and DATE, listing various design issues and their dates.

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DATE OF PRINT: 2015-01-20
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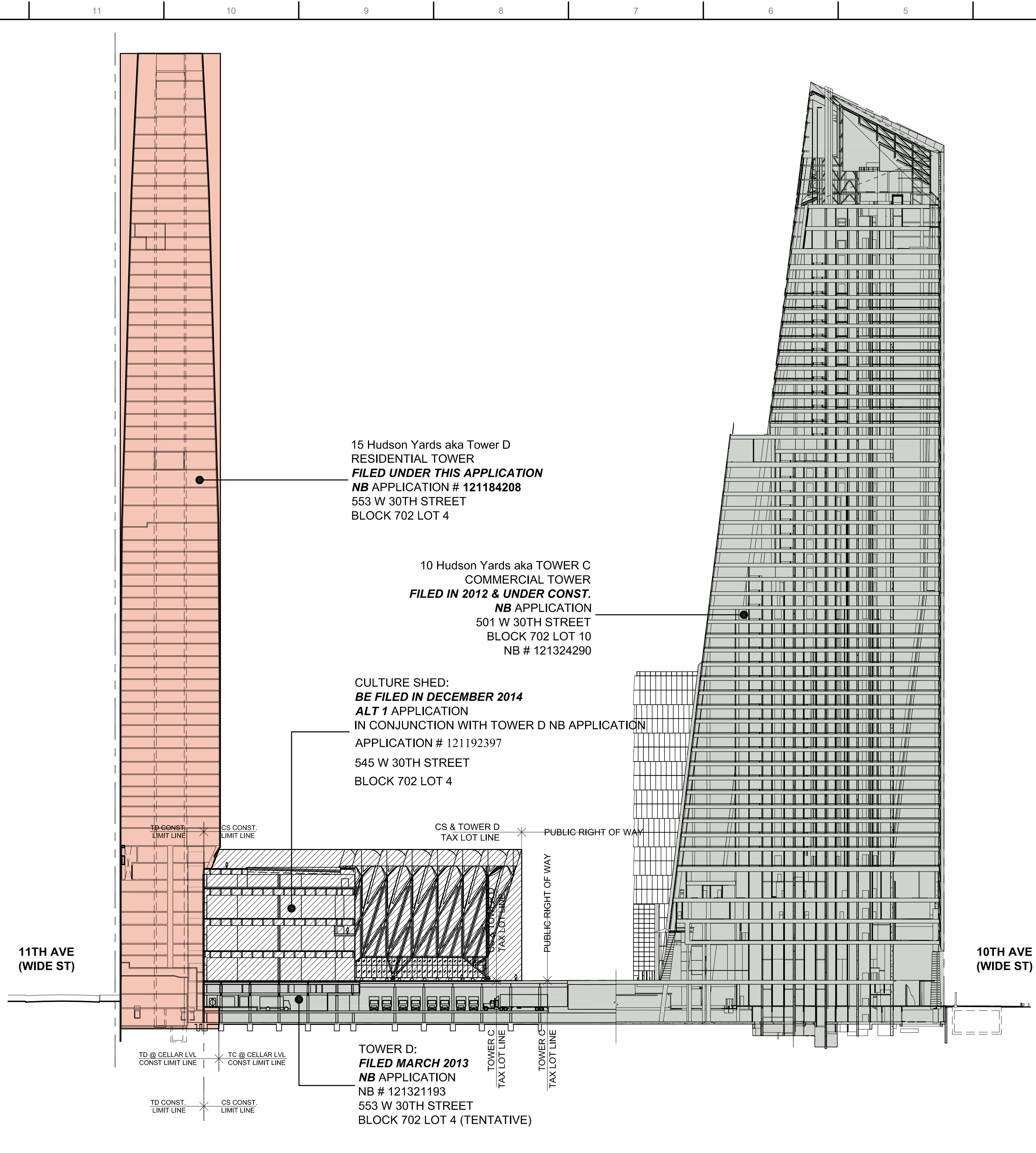
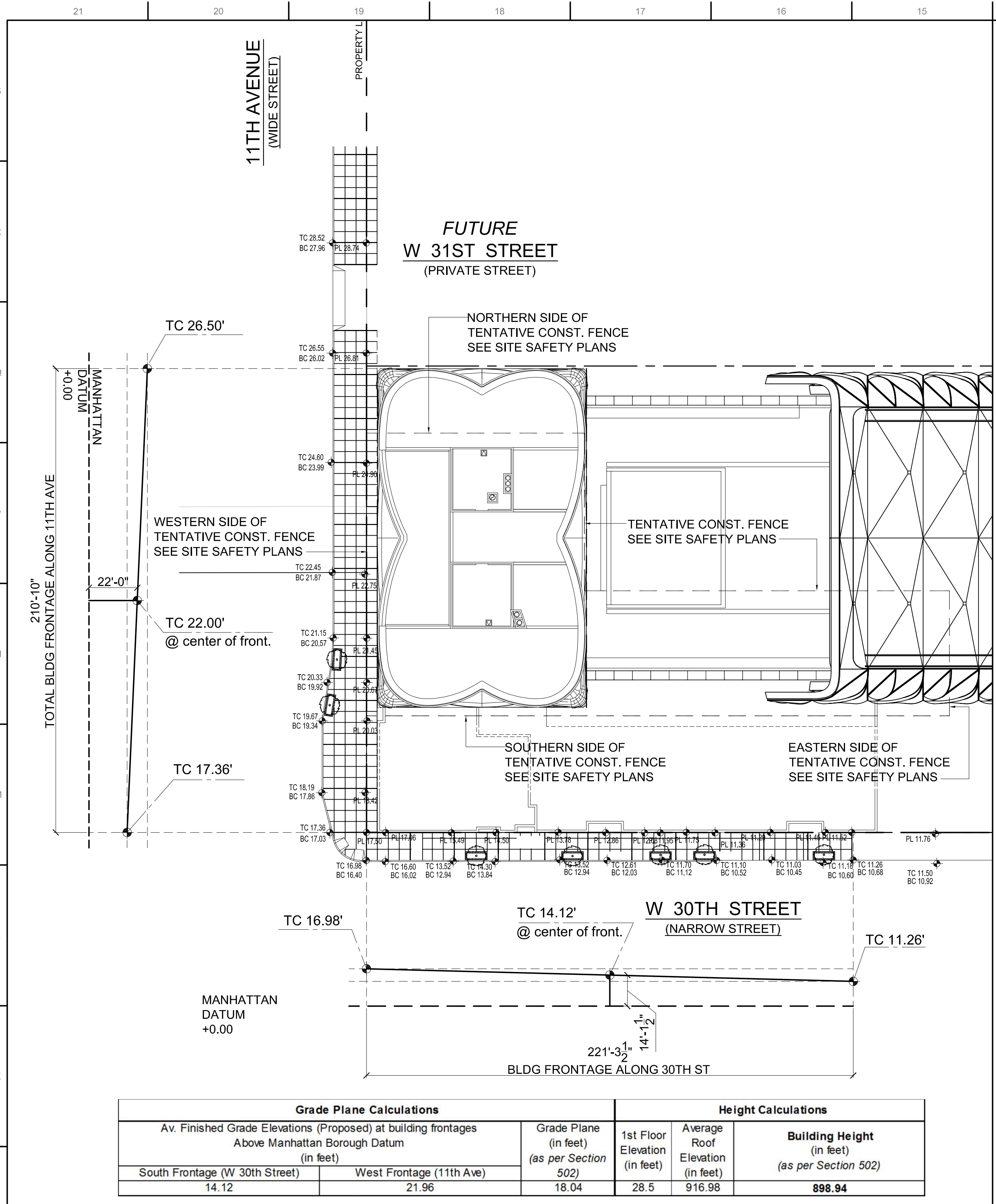
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**FILED UNDER THIS APPLICATION (RESIDENTIAL TOWER)**

**FILED UNDER SEPARATE APPLICATION (CULTURE SHED)**

**PREVIOUSLY FILED UNDER SEPARATE APPLICATION NO CHANGE UNDER THIS APPLICATION**

**EXISTING AREA - NO CHANGE UNDER THIS APPLICATION**

BLDG HEIGHT & GRADE PLANE CALCULATIONS 1  
 0'-1/32" = 1'-0"

SCOPE OF WORK DIAGRAMS - SCOPE OF WORK FILED UNDER THIS APPLICATION 2  
 0'-1/32" = 1'-0"

**DEPARTMENT OF BUILDING GENERAL INFO:**

**SITE INFO:**  
 ADDRESS: 553 W 30TH STREET, NEW YORK, NY

**BLOCK # 702 LOT # 4 (TENTATIVE)**

**ZONING DISTRICT - SPECIAL HUDSON YARDS DISTRICT EASTERN RAIL YARDS SUBAREA A1**

**CONSTRUCTION CLASSIFICATION - TYPE I B NON-COMBUSTIBLE**

**MULTIPLE DWELLING LAW CLASSIFICATION - HAEA CLASS A MULTIPLE DWELLING**

**APPLICABLE CODES & REGULATIONS:**

- 1) NEW YORK CITY BUILDING CODE 2008 (AS AMENDED)
- 2) NEW YORK STATE MULTIPLE DWELLING LAW
- 3) NEW YORK CITY PLUMBING CODE
- 4) NEW YORK CITY MECHANICAL CODE
- 5) NEW YORK CITY FUEL GAS CODE
- 6) NEW YORK CITY ENERGY CODE
- 7) NEW YORK CITY ELECTRICAL CODE 2011
- 8) NEW YORK CITY ZONING RESOLUTION

**GENERAL NOTES:**

- 1) BUILDING DESIGN - BUILDING SHALL BE DESIGNED, CONSTRUCTED & MAINTAINED IN ACCORDANCE WITH THE NEW YORK CITY BUILDING CODE.
- 2) STRUCTURAL DESIGN - BUILDING, STRUCTURES AND PARTS THEREOF ARE DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH STRENGTH DESIGN, LOAD AND RESISTANCE FACTOR DESIGN, ALLOWABLE STRESS DESIGN, EMPIRICAL DESIGN OR CONVENTIONAL CONSTRUCTION METHODS AS APPLICABLE, IN ACCORDANCE WITH BC 1604. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
- 3) MECHANICAL EQUIPMENT AND BUILDING SYSTEMS: ALL MECHANICAL EQUIPMENT SHALL BE DESIGNED, CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH NEW YORK CITY MECHANICAL CODE AND THE NEW YORK CITY FUEL GAS CODE AS PER BC 2801.1
- 4) PLUMBING SYSTEMS: ALL PLUMBING SYSTEMS AND EQUIPMENT SHALL BE DESIGNED, CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE NEW YORK CITY PLUMBING CODE & NEW YORK CITY FUEL GAS CODE.
- 5) ELECTRICAL SYSTEMS: ALL ELECTRICAL SYSTEMS & EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED & MAINTAINED IN ACCORDANCE WITH THE NEW YORK CITY ELECTRICAL CODE.
- 6) SOILS INVESTIGATIONS: SOIL INVESTIGATIONS SHALL BE PERFORMED IN ACCORDANCE WITH BC 1802 AND SHALL BE SUBJECT TO SPECIAL INSPECTIONS IN ACCORDANCE WITH 1704.
- 7) FOOTINGS & FOUNDATIONS: FOOTINGS AND FOUNDATIONS SHALL BE DESIGNED & CONSTRUCTED IN ACCORDANCE WITH BC 1805.
- 8) HIGH RISE BUILDING - BUILDING SHALL BE DESIGNED & CONSTRUCTED AS A HIGH RISE BUILDING IN ACCORDANCE WITH BC 403.
- 8.1) AUTOMATIC SPRINKLER SYSTEM: THE BUILDING WILL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH BC 903.3.3.1. A SECONDARY WATER SUPPLY SHALL BE PROVIDED IN ACCORDANCE WITH BC 403.2 & BC 903.3.5.2 (OCCUPIED FLOORS MORE THAN 300 FT ABOVE LOWEST LEVEL OF FIRE DEPARTMENT ACCESS.)
- 8.2) IMPACT RESISTANT STAIR & ELEVATOR SHAFT ENCLOSURES: ELEVATOR & STAIR SHAFTS SHALL BE DESIGNED AND CONSTRUCTED TO BE IMPACT RESISTANT IN ACCORDANCE WITH BC 403.2 & 403.15
- 8.3) STAIRWAY DOOR OPERATIONS: STAIRWAY DOORS SHALL BE DESIGNED & INSTALLED TO COMPLY WITH BC 403.12. STAIRWAY DOORS THAT ARE LOCKED FROM THE STAIR SIDE SHALL BE PROVIDED WITH AUTOMATIC FAIL-SAFE SYSTEMS, STAIRWAY COMMUNICATION SYSTEMS AND STAIR RE-ENTRY SIGNS IN ACCORDANCE WITH BC 403.12.
- 8.4) SMOKEPROOF EXIT ENCLOSURES: SMOKE PROOF EXIT ENCLOSURE NOT REQUIRED IN R-2 OCCUPANCY PER EXCEPTION 403.13. POST-FIRE SMOKE PURGE PROVIDED PER NOTE 8.5) BELOW.
- 8.5) POST-FIRE SMOKE PURGE SHALL BE PROVIDED VIA STAIR VENTILATION IN ACCORDANCE WITH BC 912.3.1
- 8.6) FIRE COMMAND CENTER: FIRE COMMAND CENTER SHALL BE PROVIDED IN A FIRE DEPARTMENT APPROVED LOCATION IN ACCORDANCE WITH BC 403.8 & BC 911.
- 8.7) EMERGENCY POWER IN R-2 OCCUPANCIES: EMERGENCY POWER SYSTEMS SHALL BE PROVIDED TO SUPPORT LOADS IN ACCORDANCE WITH BC 403.11.2
- 9) ELEVATORS AS ACCESSIBLE MEANS OF EGRESS: ELEVATORS SHALL BE DESIGNED AS ACCESSIBLE MEANS OF EGRESS IN ACCORDANCE WITH BC 1007.2.1 & BC 1109.6
- 10) SEPARATION OF OCCUPANCIES IN A MIXED USE BUILDING: BUILDING SHALL COMPLY WITH SEPARATION OF OCCUPANCIES REQUIREMENTS OF BC 508.3 (MIXED USE OCCUPANCIES)
- 11) INTERIOR FINISHES: INTERIOR WALL OR CEILING FINISHES TO BE IN ACCORDANCE WITH BC 803.5
- 12) LAUNDRY EQUIPMENT WITHIN DWELLING UNITS TO BE IN ACCORDANCE WITH BC 1107.2.8

FUTURE COMPLIANCE FOR DWELLING UNITS PROVIDED WITH STACKABLE LAUNDRY EQUIPMENT TO BE IN ACCORDANCE WITH EXCEPTION OF 1107.2.8.

**NOTIFICATIONS REQUIRED:**

- 1) NOTIFICATION TO BE PROVIDED TO THE DEPARTMENT OF BUILDINGS 24 TO 48 HOURS PRIOR TO COMMENCEMENT OF EARTHWORK IN ACCORDANCE WITH BC 3304.3.1
- 2) NOTIFICATION TO ADJACENT BUILDING OWNERS: WRITTEN NOTIFICATION TO BE PROVIDED TO ALL ADJACENT PROPERTY OWNERS NOT LESS THAN 10 DAYS PRIOR TO COMMENCEMENT OF EXCAVATION WORK IN ACCORDANCE WITH BC 3304.3.2

**LIST OF REQUIRED SPECIAL INSPECTIONS:**

TYPE	CODE SECTION
1) CONCRETE - CAST IN PLACE	BC 1704.4
2) CONCRETE TEST CYLINDERS	BC 1905.6
3) CONCRETE DESIGN MIX	BC 1905.3
4) SOILS - SITE PREPARATION	BC 1704.7.1
5) SOILS - INVESTIGATIONS (BORINGS, TEST PITS, ETC)	BC 1704.4
6) PILE FOUNDATIONS AND DRILLED PIERS	BC 1704.8
7) SPRAYED FIRE RESISTANT MATERIALS	BC 1704.11
8) EXCAVATION SHEETING SHORING & BRACING	BC 1704.19 & 3304.4.1
9) STRUCTURAL SAFETY: STRUCTURAL STABILITY	BC 1704.19
10) SMOKE CONTROL SYSTEMS	BC 1704.14
11) MECHANICAL SYSTEMS	BC 1704.15
12) FUEL OIL STORAGE & PIPING	BC 1704.16
13) FUEL GAS PIPING	BC 1704.18
14) SPRINKLER SYSTEMS	BC 1704.21
15) STANDPIPE SYSTEMS	BC 1704.22
16) HEATING SYSTEMS	BC 1704.23
17) FIRESTOP, DRAFTSTOP & FIREBLOCK SYSTEMS	BC 1704.25
18) FLOOD ZONE COMPLIANCE INSPECTION	BC 6105.2
19) ELEVATION PROGRESS INSPECTION	BC 6105.3
20) FINAL ELEVATION INSPECTION	BC 6105.3
21) FLOOD SHIELD INSPECTION	BC 6105.3.1

OWNER SHALL RETAIN ONE OR MORE SPECIAL INSPECTORS, ACCEPTABLE TO THE REGISTERED DESIGN PROFESSIONAL OF RECORD, TO PROVIDE INSPECTIONS DURING CONSTRUCTION FOR TYPES OF WORKS LISTED ABOVE IN ACCORDANCE WITH BC 1704 AND OTHER APPLICABLE CODE REQUIREMENTS.

**PROXIMITY TO TRANSIT AUTHORITY NOTE:**  
 SCOPE OF WORK FILED UNDER THIS APPLICATION, INCLUDING EXCAVATION & FOUNDATION WORK IS WITHIN 200 FT FROM A NEW YORK CITY TRANSIT AUTHORITY SUBWAY (BC 3304.3.3). NOTICE OF NO OBJECTION SHALL BE OBTAINED FROM TRANSIT AUTHORITY BY OWNER FOR EXCAVATION & FOUNDATION WORK.

**PROXIMITY TO ADJACENT HISTORIC STRUCTURE (TPPN 10188):**  
 SCOPE OF WORK FILED UNDER THIS APPLICATION IS NOT CONTIGUOUS TO OR WITHIN A LATERAL DISTANCE OF 90 FT FROM AN ADJACENT HISTORIC STRUCTURE/LANDMARK STRUCTURE. LPC APPROVAL NOT REQUIRED.

**New York City Building Code 2008 - Basic Project Information**

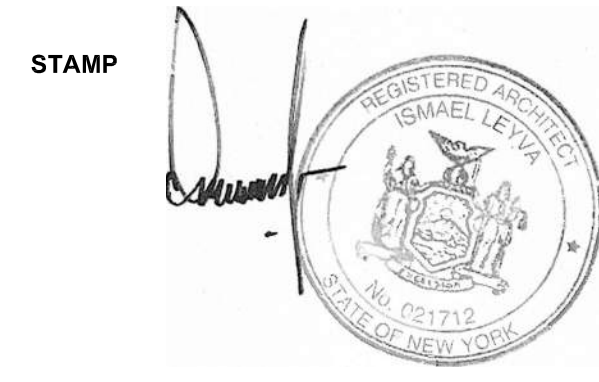
Building Description:	Remarks / Appl. Code Sections
1 Proposed Occupancy Groups	R-2, M Majority R-2 (Filed under this application)
2 Proposed Building Areas	26,317 SF a Below-Grade Floor Area 954,343 SF c Total Building Area 980,660 SF (Filed under this application)
3 Proposed Building Height (As per BC502)	70 Stories 898.94 Feet (To highest Roof Elevation - Bulkhead roof)
4 Proposed Construction Class (Table 503)	I-B (Non Combustible)
5 Permitted Area / floor (Table 503)	Unlimited
6 Permitted Height (Table 503)	Unlimited Table 503 - Exception 'e': Unlimited Height for buildings equipped throughout with an automatic sprinkler system in accordance with 903.3.1.1
7 Structural	a Seismic Design Category B b Site Class B c Wind Exposure Area B d Building Occupancy Category II BC 1604 Seismic, Wind & Snow Factor - 1.0

**Building Fire Resistance Requirements - Table 601 (For Construction Class I-B)**

Building Element	Fire Resistance Ratings		Remarks / Appl. Code Sections
	Reqd.	Proposed	
1 Structural Frame	2	2	Table 601
2 Bearing Walls			Table 601
a Interior	2	-	No bearing walls proposed
b Exterior	2	-	No bearing walls proposed
3 Non Bearing walls and Partitions			See Plans (EG series) See Plans (EG series)
a Exterior			
b Interior			
4 Floor Construction	2	2	Table 601
5 Roof Construction	1	2	Table 601
6 Shaft enclosures	2	2	Section 707.4
7 Fire Barriers/Exit enclosures			Section 706
a Exit Stairs - Less than 4 stories	1	2	Section 1005.3.2
b Exit Stairs - more than 4 stories	2	2	
b Public Corridors (R-2)	1	2	Section 1016.3.3
8 Exterior Walls Opening Protection			See Exterior Walls Fire Resistance Ratings Table

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SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DIVS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



DATE OF PRINT: 2015-04-29  
 DRAWING SCALE: 1/4" = 1'-0"  
 PROJECT NUMBER: 15-00000  
 TITLE: BUILDING DEPARTMENT INFORMATION & NOTES PART 1  
 DRAWING NO. G-002.00

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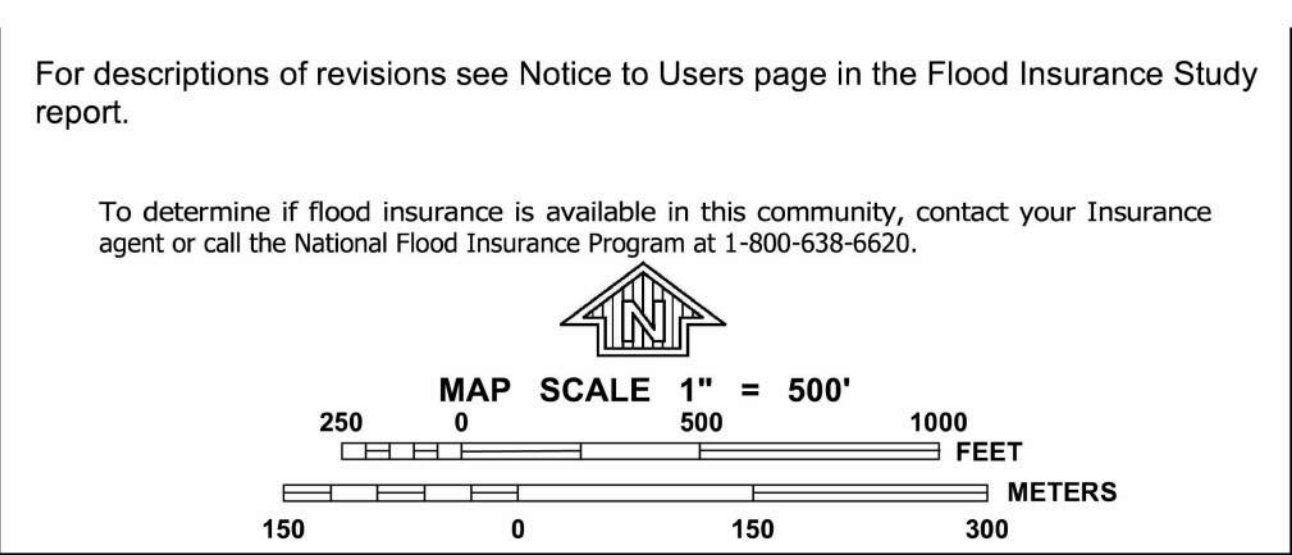
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**FLOOD DESIGN NOTES:**

- A) APPLICABILITY:**  
1) Northwest corner (approx. 267 sf) of the tax lot and proposed new construction falls within flood zone AE with a base flood elevation of EL+11.00 (NAVD) per FIRM 2013.  
2) Proposed new construction/building shall be designed to comply with appendix g of the new york city building code  
3) Structural occupancy category II per bc 1604.5
- B) BASE FLOOD AND DESIGN FLOOD ELEVATIONS:**  
1) Base flood elevation (BFE) per firm 2013 = EL + 11'-0" NAVD (+9'-4" BPMd)  
2) Min required freeboard = 1'-0" in accordance with asce 24-05, table 6-1  
3) Proposed freeboard = 4'-0"  
4) Proposed design flood elevation (DFE) = EL + 15'-0" NAVD (+13'-4" BPMd)
- C) FLOOD PROOFING DESIGN NOTES:**  
1) Proposed new construction is a "non-residential" building (for flood zone purposes) in accordance with bc g201.2  
2) Proposed new construction shall be designed using the "dry-floodproofing option" in accordance with bc g304.1.2 option 2  
3) The building shall be dry-flood proofed up to an elevation of +15.00 navd (+13'-4" bpmd) in accordance with asce 24-05.  
4) Utilities and equipment rooms located below the dfe shall be provided with dry-flood proofed enclosures in accordance with bc g304.1.2.2.3 and shall be constructed so as to prevent water from entering or accumulating within the components during conditions of flooding in accordance with asce 24  
5) All dwelling units shall be located above the dfe of +15.00 as per bc g304.1.2.2.2  
6) All exit discharges for the building are located above the dfe.  
7) Flood Emergency Plan SHALL BE posted in at least two conspicuous locations, that addresses specified elements and actions
- D) SPECIAL INSPECTIONS:**  
The following special inspections shall be required in accordance with BC G304.1.2.2.5 AND BC G105.  
**1) BC G105.2**  
Flood zone compliance inspection. Prior to sign off of work, a registered design professional shall certify that: "the structure was constructed" or "alterations were performed," "with methods and practices that minimize flood damage and that are in accordance with approved plans, and with any applicable provisions of Appendix G of the New York City Building Code and ASCE 24."  
**2) BC G105.3**  
1. Elevation progress inspection. Upon placement of the lowest floor, including the basement (for flood zone purposes), an engineer or licensed professional surveyor shall inspect the site and verify the elevation of such lowest floor. The inspection report verifying the elevation shall be submitted to the commissioner prior to further vertical construction. The commissioner shall be permitted to issue a stop work order if such inspection report is not submitted.  
2. Final elevation inspection. The final elevations shall comprise either of the following, as applicable:  
2.1. Elevation certificate. Prior to sign off of work, an engineer or licensed professional surveyor shall submit to the commissioner a certification of the elevation of the lowest floor, including the basement (for flood zone purposes). Such certification shall be made utilizing FEMA Form 91-31 entitled, "Elevation Certificate."  
2.2. Dry floodproofing certificate. Prior to sign off of work, an engineer or licensed professional surveyor shall submit to the commissioner a flood proofing certificate. Such certification shall be made utilizing FEMA Form 81-65 entitled, "Floodproofing Certification."  
**3) BC G105.3.1**  
Flood shield inspection. Where floodshields or other flood control devices are installed as part of a dry floodproofing system in buildings and structures that are nonresidential (for flood zone purposes), a registered design professional shall inspect the shields or devices in their stored positions or locations, witness their activation or transportation to their installed positions, and witness their deactivation or transportation back to their stored locations. The registered design professional shall also confirm the installation of signage required by ASCE 24, Section 6.2.3, Item 3.
- E) CERTIFICATIONS (BC G104.5.1)**  
1) Dry-floodproofing certification proposed new construction shall be dry-flood proofed in accordance with asce 24-05  
2) UTILITIES CERTIFICATION  
All heating, ventilation, air conditioning, plumbing, electrical and other services facilities and equipment within the structure or site will be located or constructed so as to prevent water from entering or accumulating within the components during conditions of flooding in accordance with ASCE 24.  
**F) UTILITIES**  
1. Utilities and attendant equipment shall designed, constructed, and installed to prevent floodwaters, including any backflow through the system, from entering or accumulating within the components.  
2. Utilities and attendant equipment shall be installed and anchored to resist flood forces.  
**3. ELECTRICAL SERVICES**  
a. Service conduits and cables electrical service conduits and cables below the dfe shall be waterproofed or conform to the provisions of nfpa 70 national electrical code, ref. [17], for wet locations.  
b. Underground service conduits and cables shall be buried to a depth sufficient to prevent movement, separation, or loss due to erosion and scour under design flood conditions.  
c. Electrical conduits and cables emerging from underground shall be designed, constructed, and installed to withstand flood-related loads, including the effects of buoyancy, hydrodynamic forces, and debris impacts. waterproofing or protective enclosures shall be provided for nonwaterproof conduits and cables extending vertically to elevated structures. the enclosures shall be securely fastened to the structure; however, protective enclosures and electrical conduits and cables shall not be fastened to walls, enclosures, or structures intended to break away under flood conditions.  
d. Electrical conduits and cables and protective enclosures installed below the elevations specified in table 7-1 shall be sealed to prevent the entrance of floodwaters into electrical conduits and electrical service components.  
e. Electric meters shall be located above the DFE unless the connection between the meter and electric lines extending vertically from the meter is within a waterproof enclosure.  
f. The main disconnect switch and all circuit breakers shall be located above and be accessible from above the DFE. switches and circuit breakers shall be located no more than 5 ft above the floor, or a platform shall be installed to provide access.  
g. Where electrical conduits and cables are located below the dfe, they shall be installed so as to drain water away from panel boards, controllers, switches, or other electrical equipment in accordance with NFPA 70 national electrical code, ref. [17].  
h. A minimum number of lighting circuits, switches, receptacles, and lighting fixtures operating at a maximum voltage of 120 volts to ground shall be permitted below the DFE.  
i. Electrical wiring shall be suitable for submergence in water and only submersible-type splices shall be used.  
j. Switches, receptacles, and fixtures shall conform to the provisions of NFPA 70 national electrical code, ref. [17], for wet locations and shall contain no fibrous components.  
k. All circuits, switches, receptacles, fixtures, and other electrical components and equipment installed below the dfe shall be energized from a common distribution panel located above and accessible from above the DFE.
- 4. PLUMBING SYSTEMS**  
a. Buried plumbing systems : where installed underground, piping and plumbing systems providing service to a structure shall be buried to a depth sufficient to prevent movement, separation, or loss due to flooding and erosion under design flood conditions.  
b. Exposed plumbing systems : plumbing systems and components emerging from underground shall be designed, constructed, anchored, and protected to withstand flood-related loads, including the effects of buoyancy, hydrodynamic forces, and debris impacts.  
c. Plumbing systems installed below DFE : where plumbing systems and components have openings below DFE, the openings shall be protected with automatic backwater valves or other automatic backflow devices. devices shall be installed in each line that extends below the DFE to prevent release of sewage into floodwaters and to prevent infiltration by floodwaters into the plumbing. redundant devices requiring human intervention shall be permitted.  
d. Sanitary systems : sanitary systems shall be designed to minimize infiltration of flood waters into the systems and discharges from the systems into floodwaters. vents and openings shall be above the DFE.  
e. Sanitary system storage tanks shall be designed, constructed, installed, and anchored to resist at least 1.5 times the potential buoyant and other flood forces acting on an empty tank during design flood conditions. tanks and piping shall be installed to resist scour and erosion.  
f. Sanitary systems that must remain operational during or immediately after the design flood or lesser floods shall be equipped with a sealed storage tank that is sized to store at least 150% of the anticipated sewage flow associated with occupancy during flood conditions and during subsequent periods of saturated soil when sewage will not percolate.  
g. Sump pumps shall be provided to remove water accumulated due to any passage of vapor and seepage of water during the flooding event.
- 5. MECHANICAL AND HVAC SYSTEMS**  
a. Fuel supply lines extending below the DFE shall be equipped with a float operated automatic control valve to shut off fuel supply when floodwaters rise above the elevation of the supply line.  
b. Ductwork and ductwork insulation below the DFE shall be designed, constructed, and installed to resist all flood related loads and to prevent floodwater from entering or accumulating within the ductwork. ductwork shall be designed and installed to prevent the entry of floodwaters into the structure.  
c. Tanks : for tanks that are associated with utility service to a building or that are attached to or located under a building, tanks and tank inlets, fill openings, outlets, and vents shall be elevated above the DFE, or they shall be designed, constructed, installed, and anchored to resist all flood related and other loads during the design flood, or lesser floods, without release of contents into floodwaters or infiltration by floodwaters into the contents. tanks shall be designed, constructed, installed, and anchored to resist at least 1.5 times the potential buoyant and other flood forces acting on an empty tank during design flood conditions.
- G) ELEVATORS:**  
1. Elevator components located below the DFE shall be constructed of flood-damage-resistant materials and shall be capable of resisting physical damage due to design flood conditions.  
2. Hydraulic elevators shall be permitted below the DFE, but the electrical control panel, hydraulic pump, and tank shall be elevated above that elevation. drainage shall be provided for the elevator pit; the hydraulic lines connecting to the hydraulic jack assembly shall be elevated to protect the lines from physical damage due to design flood conditions.  
3. For traction elevator systems, the machine room containing the electric hoist motors and electrical control panel shall be located above the DFE. elevator components located in the hoistway below the DFE shall be protected from physical damage due to design flood conditions.  
where there is the potential for an elevator cab to descend below the DFE during a flood event, the elevator shall be equipped with controls that will prevent the cab from descending into floodwaters.
- H) STAIRS AND EXIT COMPONENTS**  
1. Stairways, ramps, exit corridors and other exit enclosures that are located below the DFE shall be designed and constructed to 1. resist flood-related loads specified in section 1.6 and to minimize transfer of flood-related loads to the structure and structure foundation;  
2. Materials used for those portions of stairways and ramps that are located below the DFE including items such as gates and doors, shall conform to section 5. enclosures for stairways and ramps that extend below the DFE shall conform to the requirements for enclosures in sections 2.6 and 4.6
- MATERIALS BELOW THE DFE:**  
Dry floodproofing shall be accomplished through the use of flood-damage-resistant materials and techniques that render the dry-floodproofed portions of a structure substantially impermeable to the passage of floodwater below the DFE. flood-damage-resistant materials shall have sufficient strength, rigidity, and durability to adequately resist all flood-related and other loads, unless designed to break away or as permitted elsewhere in this standard. exposed structural and nonstructural construction materials, including connections, shall be capable of resisting damage, deterioration, corrosion, or decay due to precipitation, wind-driven water, salt spray, or other corrosive agents known to be present.



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**  
FLOOD INSURANCE RATE MAP

CITY OF NEW YORK  
BRONX, RICHMOND, NEW YORK,  
QUEENS, AND KINGS COUNTIES

PANEL 69 OF 457  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:  
COMMUNITY NUMBER SUFFIX  
NEW YORK CITY OF 360497 0099 G

PRELIMINARY  
DECEMBER 5, 2013

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

**MAP NUMBER**  
3604970069G

**MAP REVISED**

Federal Emergency Management Agency

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B INITIAL PLANS	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

**DATE OF PRINT**  
1/20/2015 5:31:40 PM

**DRAWING SCALE**  
12" = 1'-0"

**PROJECT NUMBER**

**TITLE**  
BUILDING DEPARTMENT  
INFORMATION & NOTES  
PART 2 - FLOOD DESIGN INFO  
DRAWING NO.

**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 60 Columbus Circle  
 New York, NY 10023  
 T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
 Jarmel Leyva Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.290.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.260.7971

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinik  
 228 E 45th Street  
 New York, NY 10017  
 T: 212.697.9888

**MEP ENGINEER:**  
 Jeros Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212-530-9300

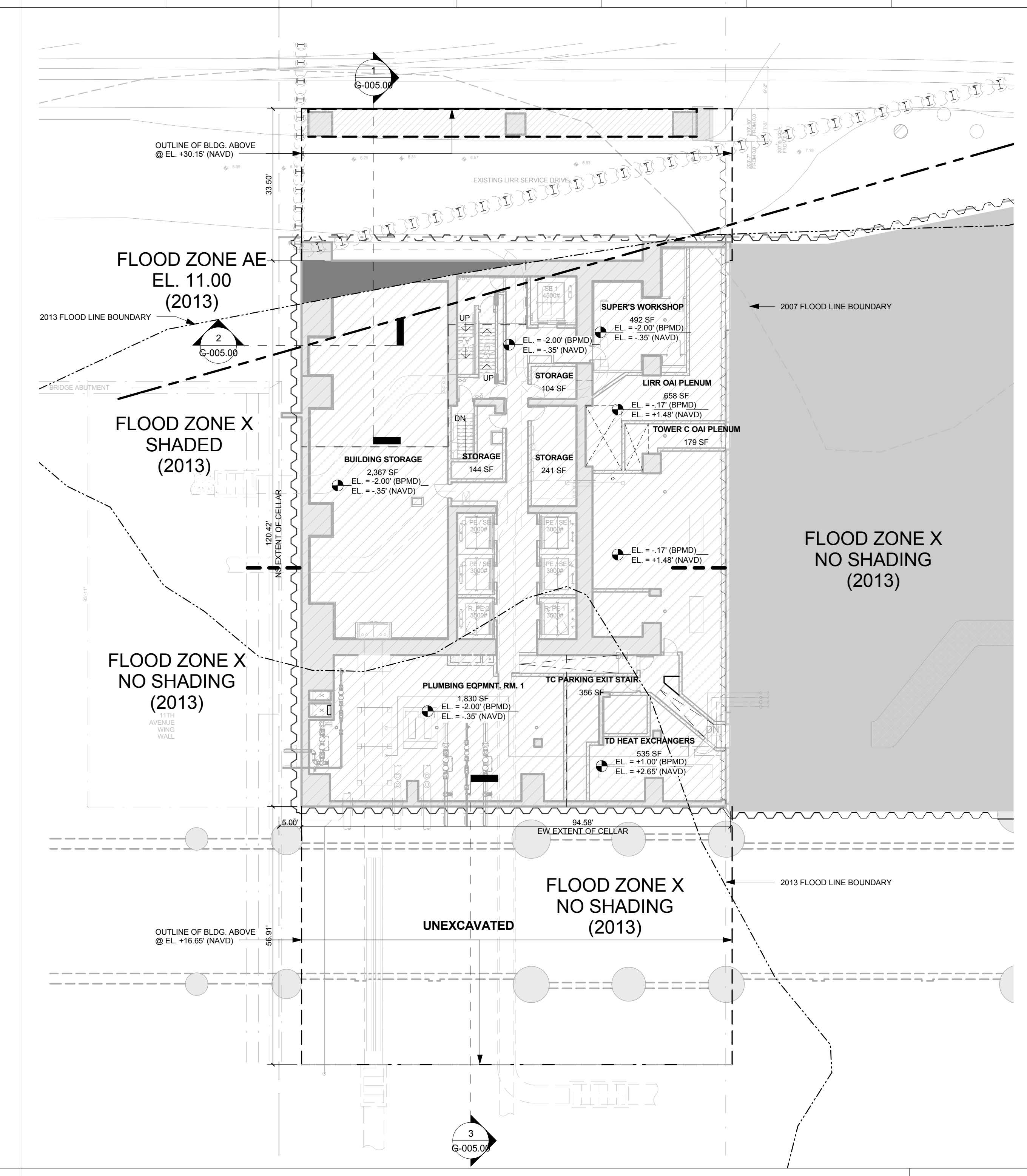
**EXTERIOR WALL CONSULTANT:**  
 Israel Berger & Associates  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Viridian  
 300 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAM & ASSOCIATES INC.  
 404 5th Ave. #8  
 New York, NY 10018  
 T: 212-370-1776

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 520  
 New York, NY 10003  
 T: 212-269-2270

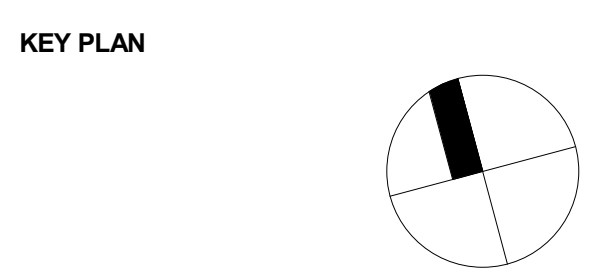


**FLOOD IMPACT DIAGRAM (DRY FLOOD PROOFED CELLAR LEVEL) 2**  
 1/16" = 1'-0"

**SHEET NOTES:**

**FLOOD IMPACT DIAGRAM LEGEND**

- BUILDING FOOTPRINT
- AREA WITHIN & BELOW ZONE AE BFE OF +11.00' (NAVD)
- PROPOSED DRY FLOOD PROOFED ZONE AT SUB-CELLAR & CELLAR LEVELS
- 2007 FLOOD LINE BOUNDARY
- 2013 FLOOD LINE BOUNDARY



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
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EXTERIOR WALL BID SET	01.27.2014
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FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL BID ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	

DESIGN DEVELOPMENT SET	DATE
UPDATED DOB SET	01.20.2015



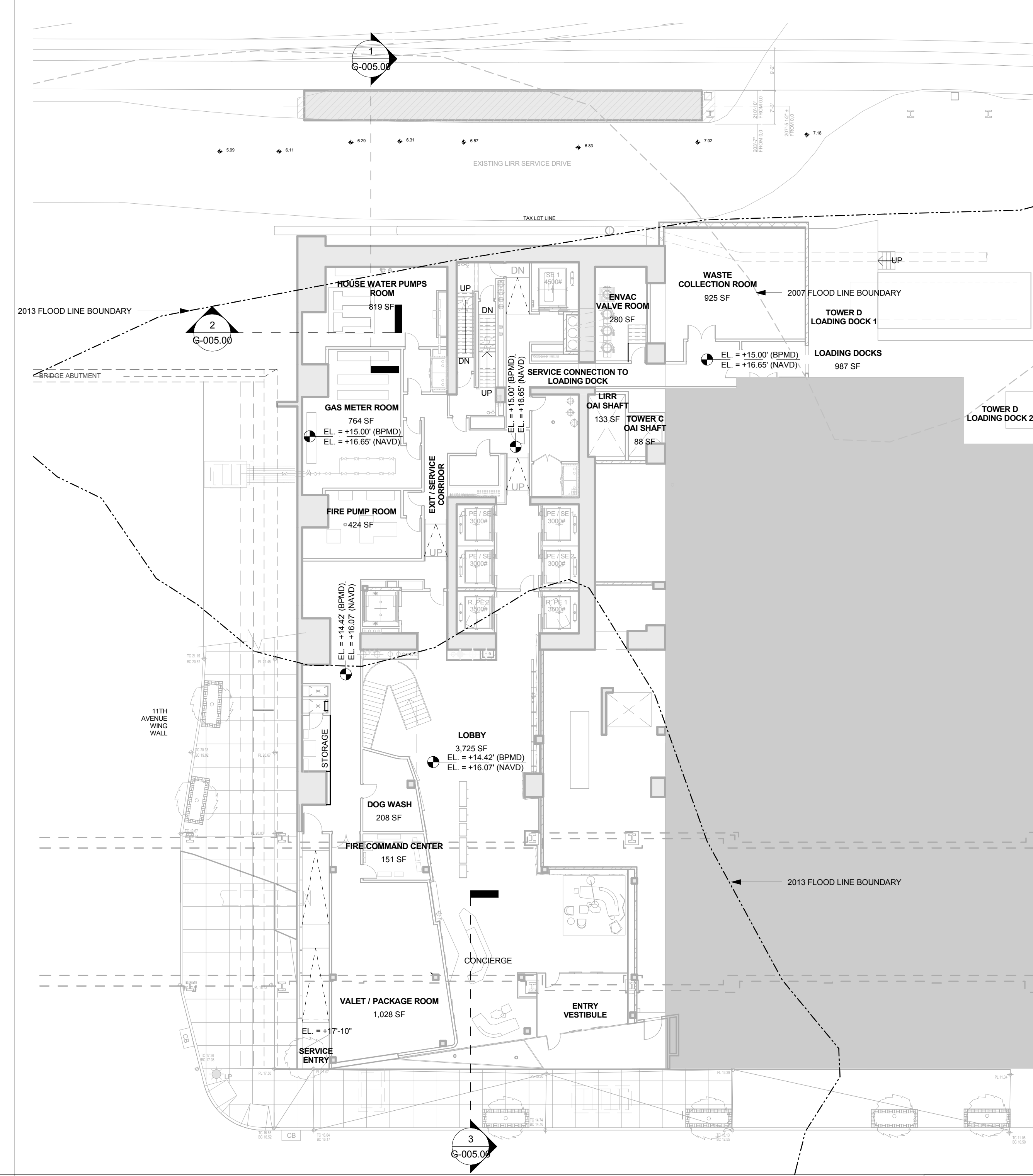
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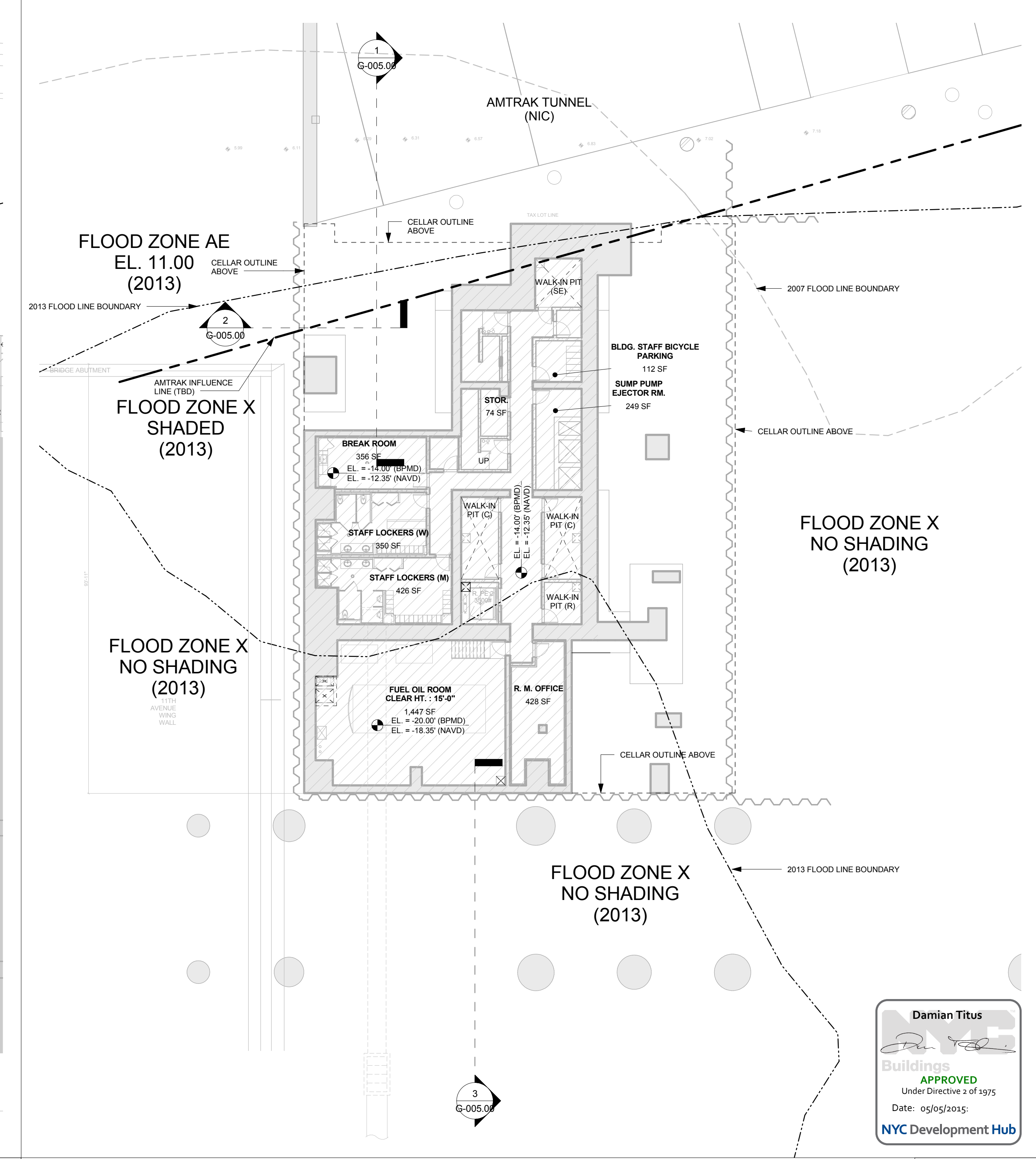
**PROJECT NUMBER:**

**TITLE:**  
 BUILDING DEPARTMENT  
 INFORMATION & NOTES  
 PART 3 - FLOOD DESIGN INFO  
 DRAWING NO.

**G-004.00**



**FLOOD IMPACT DIAGRAM (LEVEL 00 ELEVATED ABOVE DFE) 3**  
 1/16" = 1'-0"



**FLOOD IMPACT DIAGRAM (DRY FLOOD PROOFED SUB-CELLAR LEVEL) 1**  
 1/16" = 1'-0"



**OWNER:**  
Related Companies  
60 Columbus Circle  
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T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Janet Leyva Architects  
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**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
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T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
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228 E 45th Street  
New York, NY 10017  
T: 212.697.9888

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10003  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
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**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
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T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.770-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**KEY PLAN**

**FLOOD IMPACT DIAGRAM LEGEND**

- BUILDING FOOTPRINT
- AREA WITHIN & BELOW ZONE AS SHOWN OF +11.00' (NAVD)
- PROPOSED DRY FLOOD PROTECTED ZONE AT SUB-CELLAR & CELLAR LEVELS
- 2003 FLOOD LINE BOUNDARY
- 2013 FLOOD LINE BOUNDARY

**ISSUE SET**

SCHEMATIC DESIGN ISSUE	DATE
REVISION BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
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FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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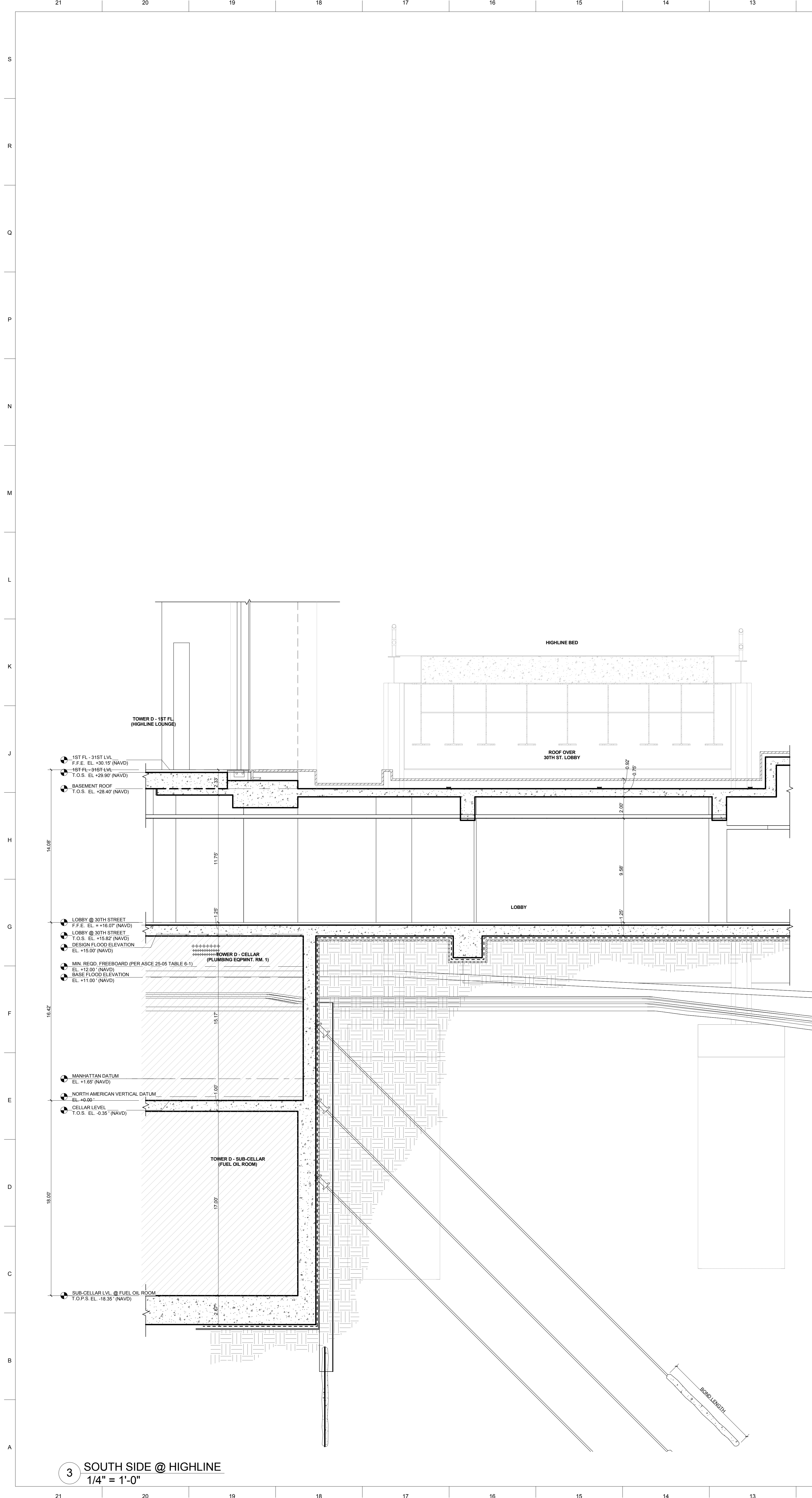
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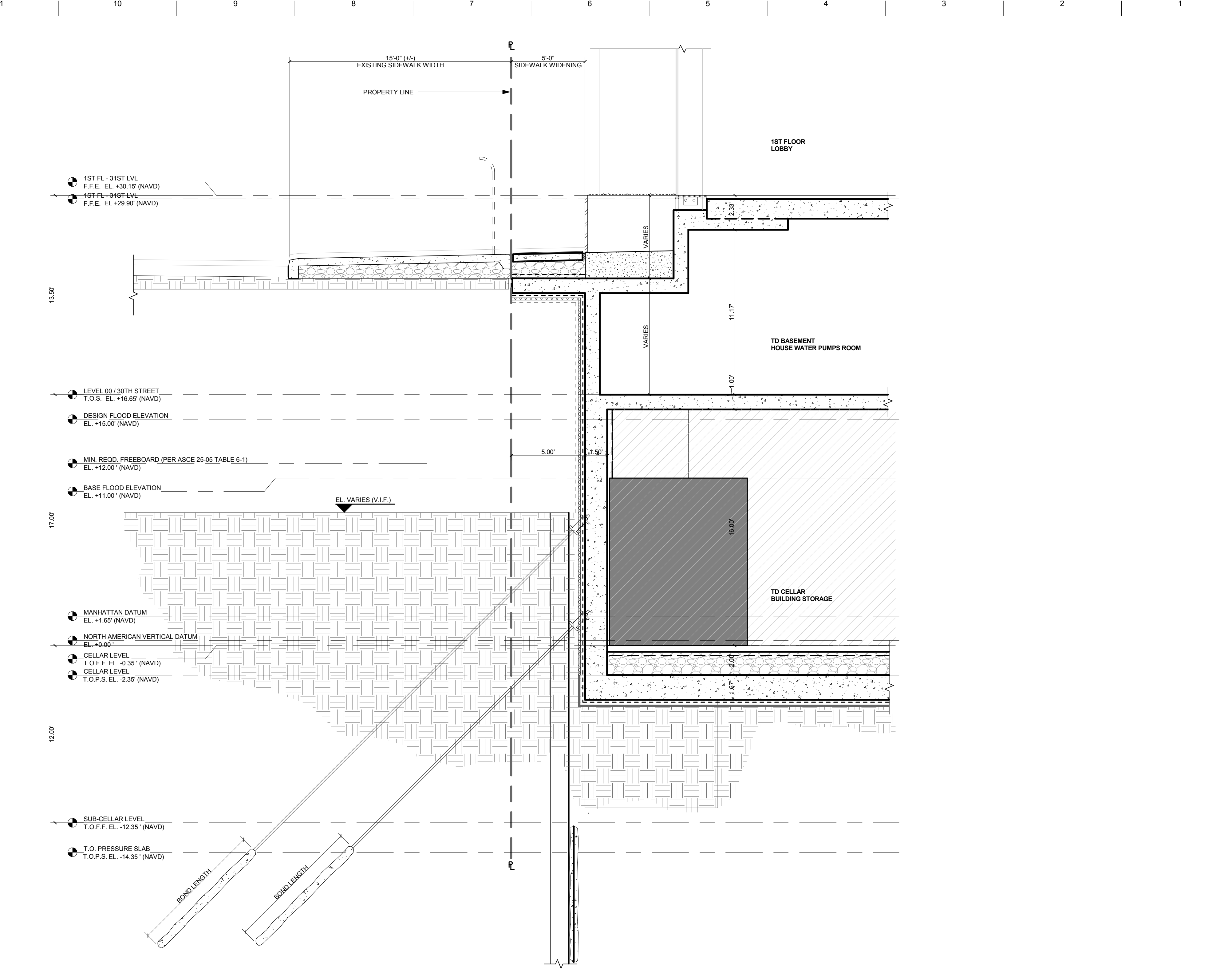
**PROJECT NUMBER**

**TITLE**  
FLOOD IMPACT DIAGRAM  
FOUNDATION SECTIONS

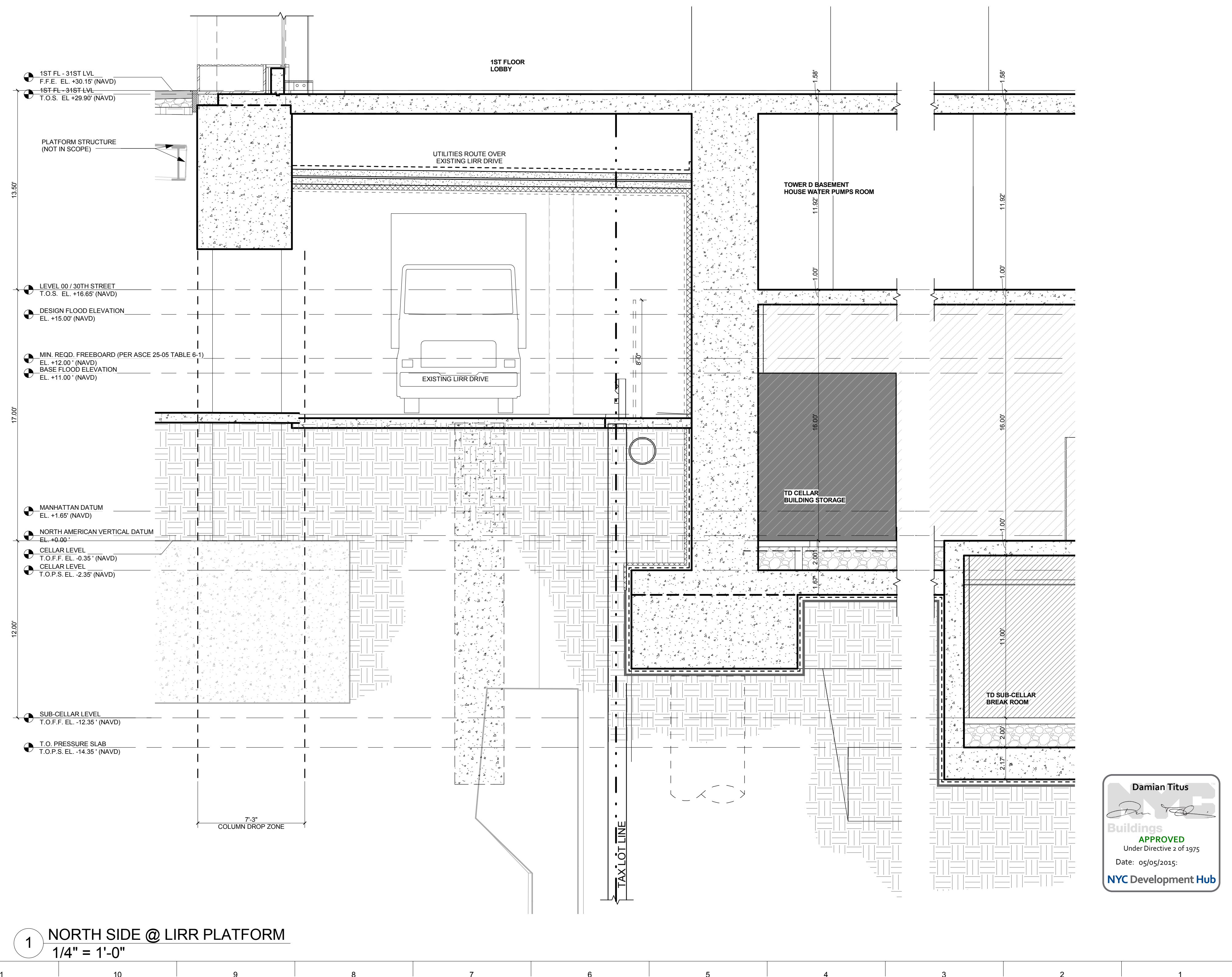
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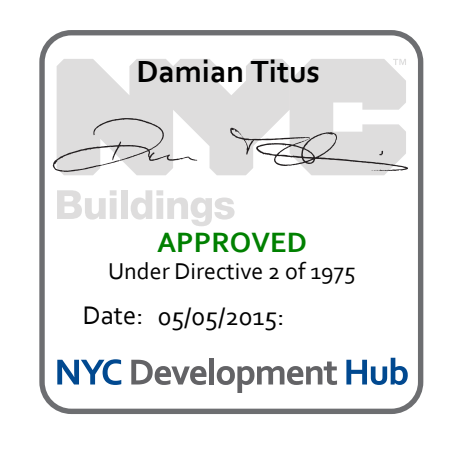
3 SOUTH SIDE @ HIGHLINE  
1/4" = 1'-0"



2 WEST SIDE - NORTH OF 11TH AVE ABUTMENT 2  
1/4" = 1'-0"



1 NORTH SIDE @ LIRR PLATFORM  
1/4" = 1'-0"



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New York, New York 10001  
T: 212.250.7371

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5 Union Square, West  
New York, New York 10003  
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STRUCTURAL ENGINEER:  
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228 E 49th Street  
New York, NY 10017  
T: 212-687-9858

MEP ENGINEER:  
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New York, NY 10005  
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T: 212-689-5388

VERTICAL TRANSPORTATION:  
Vian Design & Associates  
5 Regent Street, Suite 504  
Livingston, NJ 07039  
T: 873-984-9220

LEED CONSULTANT:  
Virdian  
300 Park Avenue South, 15th Floor  
New York, NY 10003  
T: 203-299-1411

ACOUSTICAL CONSULTANTS:  
CERAMIC ASSOCIATES INC.  
404 5th Avenue #8  
New York, NY 10018  
T: 212-370-1770

LANDSCAPE DESIGNER:  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

SHEET NOTES:

ZRD1/CCD1 Response Form  
Location information (To be completed by a Buildings Department official if applicable)  
House No(s): 553 Street Name: West 30th Street  
Borough: Manhattan Block: 702 Lot: Lu4 BIN: 1089411 Job No: 121184208  
DETERMINATION (To be completed by a Buildings Department official)  
Request has been: [X] Approved [ ] Denied [ ] Approved with conditions  
Follow-up appointment required? [ ] Yes [X] No  
Primary Zoning Resolution or Code Section(s): BC 2014.1107.2.4  
Other secondary Zoning Resolution or Code Section(s): ANSI 117.1 Section 309.3  
Comments:  
305.1 General. A clear floor space shall comply with Section 305.  
308.2 Clear Floor Space. A clear floor space complying with Section 305 shall be provided.  
309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in Section 309.  
The request to 2008 Code variance to allow use of 1107.2.4 Exception 1 is hereby approved.  
Name of Authorized Reviewer (please print):  
Title (please print):  
Authorized Signature: [Signature]  
Date: [Date]  
REVIEWED BY: Shaugat Shaikh  
APPROVED WITH CONDITIONS  
DATE: 6/28/14

CCD1  
Description of Request (additional space is available on page 3)  
This is a request for:  
[ ] Interpretation or clarification  
[ ] Variation of Building Code or Rules per § 28-103.3 (please state in detail the practical difficulty that is specific to this project, and provide the analysis as to why a safe alternative, as per NYC Charter Section 645(b)(2))  
[X] Variation of Multiple Dwelling Law (MDL) § 277.16 for Article 7B Buildings (please state in detail the practical difficulty that is specific to this project and provide the analysis as to why a safe alternative, as per NYC Charter Section 645(b)(2))  
Note: Variations of any other MDL provisions must be filed with the Board of Standards and Appeals (BSA) per MDL § 210.  
Please describe all attachments, including drawings, submitted with this form. If this is based on a plan examiner objection, type in the applicable objection text exactly as it appears on the objection sheet.  
This is in conjunction with NB application (Job# 121184208) for a residential multiple dwelling tower at 553 W 30th Street within the Hudson Yards Phase 1 Development (Eastern Rail Yards). The job has been filed under the 2008 Building Code.  
This CCD1 is hereby filed with regards to the reach range requirements for operable windows in habitable rooms. We respectfully request your approval to use the more recent edition of the NYC code (2014 Code amendments, local Law 151, 2013) to design the operable windows for the dwelling units. The 2008 NYC code requires the operable windows to be located within the ANSI 117.1 Section 309.3 reach ranges. The more recent edition of the 2014 Code allows the use of an adaptive device, specifically BC1107.2.4 Exception 1 for operable window reach ranges, which Exception is cited below:  
1107.2.4 Type (B) NYC unit operable windows [in R-2 occupancy]:  
[Exception] Exceptions:  
1. Where windows that are required to provide natural ventilation are not in compliance with reach ranges specified in Section 309.3 (Height) for operable parts as required by Section 1003.1.3 of ICC A117.1, the operable parts of such windows shall be designed to be operable by the use of adaptive devices. The owner shall provide each adaptive device at the time a person with physical disabilities takes occupancy of the unit, or within 10 days of the date the request is made by a person with physical disabilities, whichever is later, at the owner's expense.  
The subject building is a Residential Multiple Dwelling Tower approx. 900ft in height with a metal and glass Curtain Wall system as the main exterior facade.  
Each habitable room in every dwelling unit of the building will have vision glass curtain wall openings starting at about 6'-8" above floor finish (full height) and extending full height up to about 6" below finished ceiling. Kindly refer to Attachment A illustrating the typical curtain wall window condition at each habitable room.  
The typical unit for operable areas within the curtain wall opening in the habitable rooms is intended to be a top-hinged out-swing unit, the bottom of which will be located at about 6'-8" above floor finish and top at about 2'-6". The operable units will be approx. 20" x 44". Each habitable room will be provided with adequate number of such operable units to provide ventilation area of min. 5% of the habitable room floor area in accordance with BC1203.4.1.2.  
Kindly also note that this building is R-2 occupancy and will comply with post-fire smoke purge requirements in accordance with Exception 2 of BC 912.1 by providing smoke-proof exit enclosures in accordance with BC 1019.1.8 and hence does not require operable window areas to be located above 30" above finish floor.  
(Cont'd on Page 2)  
Name of Authorized Reviewer (please print):  
Title (please print):  
Authorized Signature: [Signature]  
Date: [Date]  
REVIEWED BY: Shaugat Shaikh  
APPROVED WITH CONDITIONS  
DATE: 6/28/14

ZRD1/CCD1 Response Form  
Location information (To be completed by a Buildings Department official if applicable)  
House No(s): 545 Street Name: West 30th Street  
Borough: Manhattan Block: 702 Lot: Lu4 BIN: Job No:  
DETERMINATION (To be completed by a Buildings Department official)  
Request has been: [ ] Approved [ ] Denied [X] Approved with conditions  
Follow-up appointment required? [ ] Yes [X] No  
Primary Zoning Resolution or Code Section(s): BC 28-105.2  
Other secondary Zoning Resolution or Code Section(s):  
Comments:  
In consideration that the Culture Shed as part of the Hudson Yards Development Project and relying on tower D for services and function, the request for the proposed Culture Shed to be filed as an Alteration Type 1 is hereby approved with condition:  
The Hudson Yards Development Project consists of four towers, a retail complex, a platform over the MTA/LIRR rail yards, and Culture Shed. The Eastern Rail Yards Culture, Festival and Exhibit Facility or Culture Shed is a focal point of the Hudson Yards Development and is identified in various sections of Article 65-00 of the Zoning Resolution.  
Culture Shed will be located on the West 30th Street frontage of the Eastern Rail Yards Development Site, and will be located between Towers C and D, but a shared tax lot with Tower D. It will consist of both a movable enclosure and a stationary portion that will be physically connected to Tower D. It will have permanent stairs, office space, sanitary facilities, and mechanical rooms located within the Tower D envelope. Additionally, electrical service, water service, and emergency power are shared and will be supplied through and located within Tower D lot.  
The new building application for Tower D (553 West 30th Street - Job# 121184208) has been filed and is currently under review by the Department of Buildings. The applications for Culture Shed are being prepared for submission to DOB, and will be filed in the coming months (prior to October 1, 2014). While the two filings have different applicants of record, different design teams, and different contractors, Culture Shed will not meet the 2008 Building Code requirements for a new stand-alone building nor will the building be self-sufficient without the utilities, infrastructure and support of Tower D. It is therefore requested for Culture Shed to be filed as an Alteration Type 1 application to the Tower D filing.  
Name of Authorized Reviewer (please print):  
Title (please print):  
Authorized Signature: [Signature]  
Date: [Date]  
REVIEWED BY: Edwin Tang, RA  
APPROVED WITH CONDITIONS  
DATE: 6/28/14

CCD1  
Description of Request (additional space is available on page 3)  
This is a request for:  
[ ] Interpretation or clarification  
[ ] Variation of Building Code or Rules per § 28-103.3 (please state in detail the practical difficulty that is specific to this project, and provide the analysis as to why a safe alternative, as per NYC Charter Section 645(b)(2))  
[X] Variation of Multiple Dwelling Law (MDL) § 277.16 for Article 7B Buildings (please state in detail the practical difficulty that is specific to this project and provide the analysis as to why a safe alternative, as per NYC Charter Section 645(b)(2))  
Note: Variations of any other MDL provisions must be filed with the Board of Standards and Appeals (BSA) per MDL § 210.  
Please describe all attachments, including drawings, submitted with this form. If this is based on a plan examiner objection, type in the applicable objection text exactly as it appears on the objection sheet.  
Consideration is respectfully requested to accept the filing of the Culture Shed at Hudson Yards as an Alteration Type 1 application in conjunction with the adjacent new building application for Tower D at Hudson Yards.  
The Hudson Yards Development Project consists of four towers, a retail complex, a platform over the MTA/LIRR rail yards, and Culture Shed. The Eastern Rail Yards Culture, Festival and Exhibit Facility or Culture Shed is a focal point of the Hudson Yards Development and is identified in various sections of Article 65-00 of the Zoning Resolution.  
Culture Shed will be located on the West 30th Street frontage of the Eastern Rail Yards Development Site, and will be located between Towers C and D, but a shared tax lot with Tower D. It will consist of both a movable enclosure and a stationary portion that will be physically connected to Tower D. It will have permanent stairs, office space, sanitary facilities, and mechanical rooms located within the Tower D envelope. Additionally, electrical service, water service, and emergency power are shared and will be supplied through and located within Tower D lot.  
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Name of Authorized Reviewer (please print):  
Title (please print):  
Authorized Signature: [Signature]  
Date: [Date]  
REVIEWED BY: Edwin Tang, RA  
APPROVED WITH CONDITIONS  
DATE: 6/28/14

CCD1  
Description of Request (use this section if additional space is required for description)  
The size, nature & location (top hinged out-swing) for the operable unit in the curtain wall has been selected based on a variety of practical factors including the operable unit design such as curtain wall facade geometries, high cladding pressures due to the height of the tower & a wide west facing frontage, rainwater shedding to the outside, etc.  
Based on market availability, there is practical hardship in providing operating hardware within the reach range for top hinged out-swing operable units. The operating lever on industry standard products of these types of units are located at the bottom of the unit, opposite to the hinge side and hence the operating lever falls below the reach range required by ANSI 117.1 Section 308.  
We therefore request a 2008 Code variance to allow use of 1107.2.4 Exception 1 of the 2014 Code amendments (LL141 2013) which permits the use of future adaptive devices for operable window units that are not within reach ranges of ANSI 117.1 Section 309.3. Such adaptive devices shall be provided by the Owner and at the Owner's expense, at the time or within 10 days of a person with physical disability occupying the dwelling unit or a request for such adaptive device is made by an occupant.  
We believe that this request is within the intent of the building code and does not pose any occupant welfare or safety concerns.  
Your attention to this matter is greatly appreciated.  
Attachments:  
Attachment A:  
Proposed Typical Exterior Wall Section at Habitable Room  
Name of Authorized Reviewer (please print):  
Title (please print):  
Authorized Signature: [Signature]  
Date: [Date]  
REVIEWED BY: Shaugat Shaikh  
APPROVED WITH CONDITIONS  
DATE: 6/28/14

NYC Buildings  
CCD1: Construction Code Determination Form  
Must be typewritten.  
1 Location Information (Required for all requests on filed applications)  
House No(s): 553 Street Name: WEST 30TH STREET  
Borough: MANHATTAN Block: 702 Lot: Lu4 BIN: 1089411 CIB No: 104  
2 Applicant Information (Required for all requests on filed applications)  
Last Name: LEVYA First Name: ISMAEL Middle Initial:  
Business Name: ISMAEL LEVYA ARCHITECT P.C. Business Telephone: (212) 290-1444  
Business Address: 48 WEST 37TH STREET, 13TH FLOOR Business Fax: (212) 342-7803  
City: NEW YORK State: NY Zip: 10018 Mobile Telephone:  
E-Mail: RDOSHI@ARCH.COM License Number: 021712  
License Type: [ ] P.E. [X] N/A DOB PENS ID # (if available):  
3 Attensee Information (Required if different from Applicant in section 2 or no Applicant)  
Relationship to the property: [X] Filing Representative [ ] Attorney [ ] Other  
Last Name: REKEMEYER First Name: AMANDA Middle Initial:  
Business Name: THE RELATED COMPANIES Business Telephone: (212) 500-0793  
Business Address: 60 COLUMBUS CIRCLE, 19TH FLOOR Business Fax: (212) 801-1048  
City: NEW YORK State: NY Zip: 10023 Mobile Telephone: (516) 378-2980  
E-Mail: amananda.rekemeier@related.com License/Registration # (if P.E./R.A./Attorney):  
DOB PENS ID # (if available): 011656  
4 Nature of Request (Required for all requests. Only one request may be submitted per form.)  
Note: Do not use this form for Zoning Resolution determination requests - use ZRD1 form.  
Determination request issued by: [X] Borough Commissioner's Office [ ] Technical Affairs  
Job associated with this request: [X] Yes (provide job/development name below) [ ] No  
Job Number: 121184208 Document Number: 01 Examiner: DAMIEN TITUS  
Has this request been previously denied? [ ] Yes (attach all denied request forms) and attachment(s) [X] No  
Indicate total number of pages submitted with this request, including attachments: 4 (attachment may not be larger than 11" x 17")  
Construction Code (if applicable): [X] 2008 Code [ ] 1968 Code [ ] Prior to 1968 Code  
Indicate relevant code section(s), rule(s), etc.: § 28-2-1107.2.4 Type B unit operable windows in R-2 occupancy.  
Indicate all Buildings Department officials that you have previously reviewed this issue with (if any):  
[ ] Borough Commissioner [ ] Code & Zoning Specialist [ ] General Counsel's Office  
[ ] Deputy Borough Commissioner [ ] Chief Plan Examiner [ ] Other:  
Administrative Use Only  
Reference #: Appointment date: Appointment time:  
Appointment Scheduled With:  
Comments:  
Reviewed By: [Signature] Date: [Date] Time: [Time]  
REVIEWED BY: Shaugat Shaikh  
APPROVED WITH CONDITIONS  
DATE: 6/28/14

CCD1  
Description of Request (use this section if additional space is required for description)  
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I hereby state that all of the above information is correct and complete to the best of my knowledge. Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both. It is unlawful to give to a City employee, or to a City employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange



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EXECUTIVE ARCHITECT:  
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LANDSCAPE DESIGNER:  
Nelson Byrd Woltz  
220 Park Avenue South, Suite 920  
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T: 212.260.2270

SHEET NOTES:  
NOTE:  
TAX LOT SURVEYS SHOWN HERE ARE  
TENTATIVE AND SUBJECT TO  
CHANGE/UPDATE PENDING DEPT. OF  
FINANCE APPROVAL.

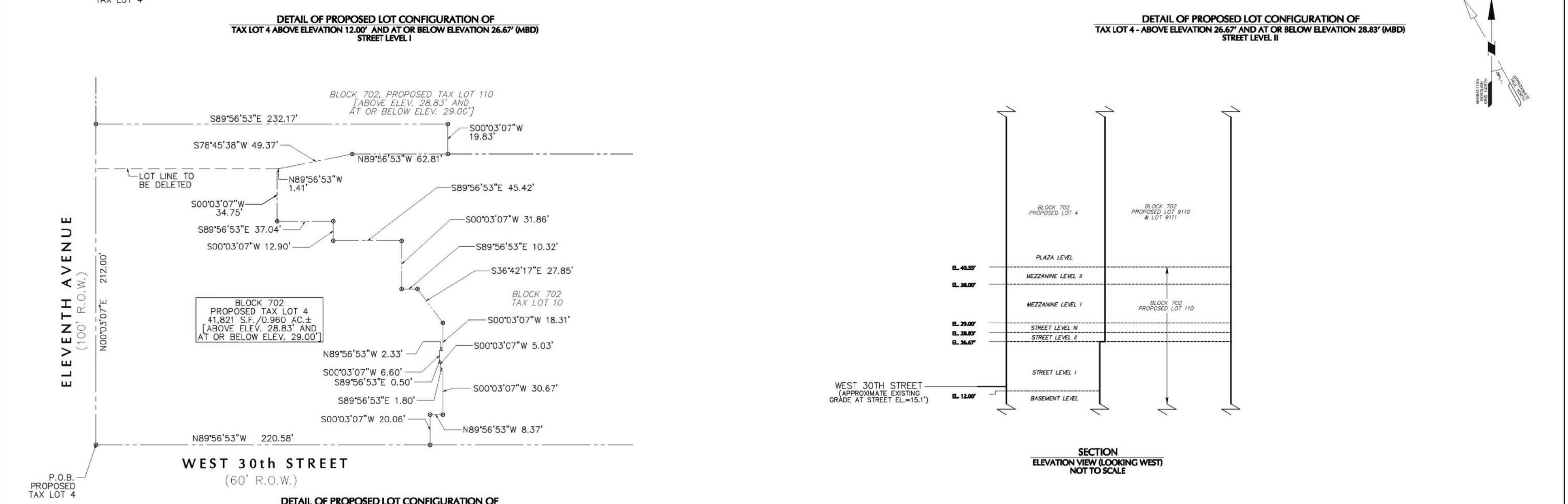
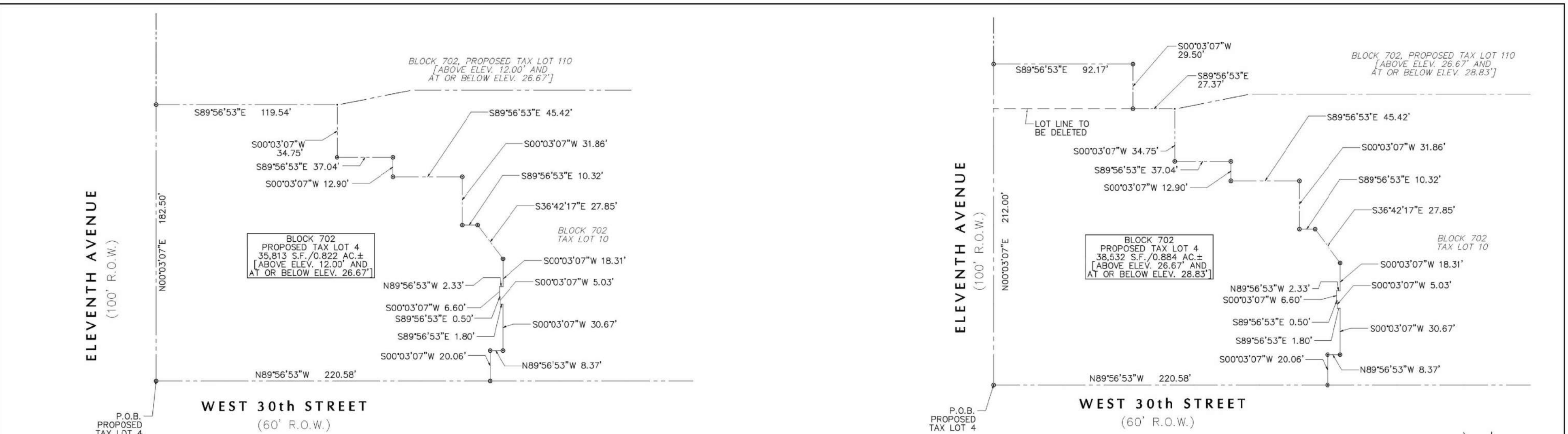


Table with 4 columns: Date, Description, No., and Remarks. Includes project information for Hudson Yards, Block 702, and a drawing number of 15.03.

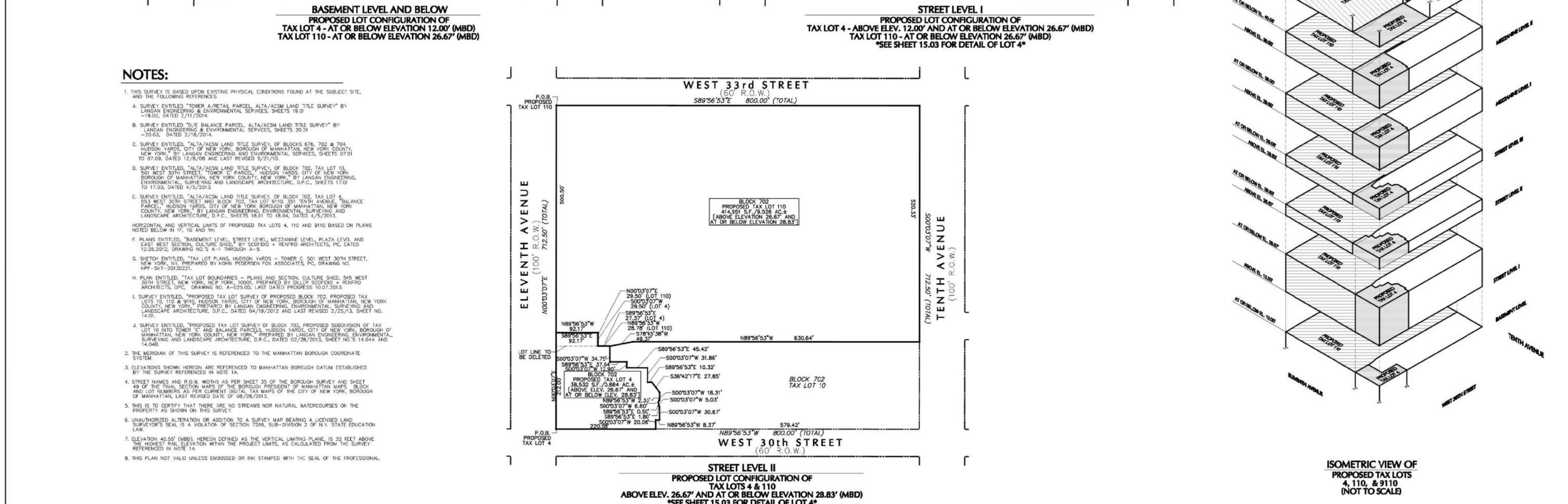
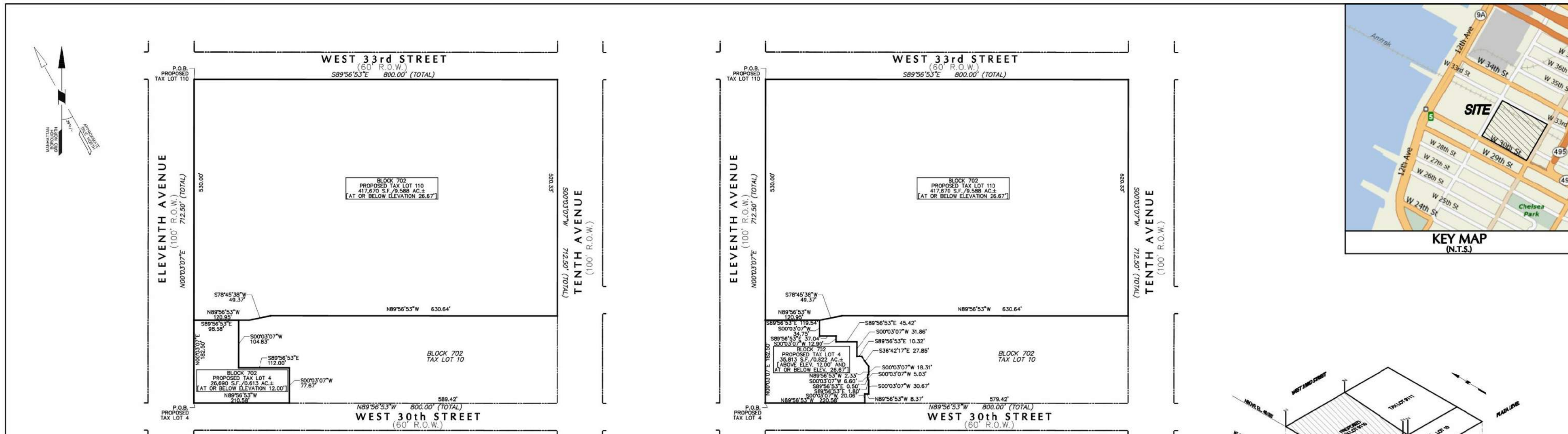


Table with 4 columns: Date, Description, No., and Remarks. Includes project information for Hudson Yards, Block 702, and a drawing number of 15.01.

WRITTEN DESCRIPTIONS table with columns for level (Basement, Street, Mezzanine, Plaza) and lot (4, 10, 110). Each cell contains detailed technical descriptions of the proposed construction.

Table with 4 columns: Date, Description, No., and Remarks. Includes project information for Hudson Yards, Block 702, and a drawing number of 15.04.

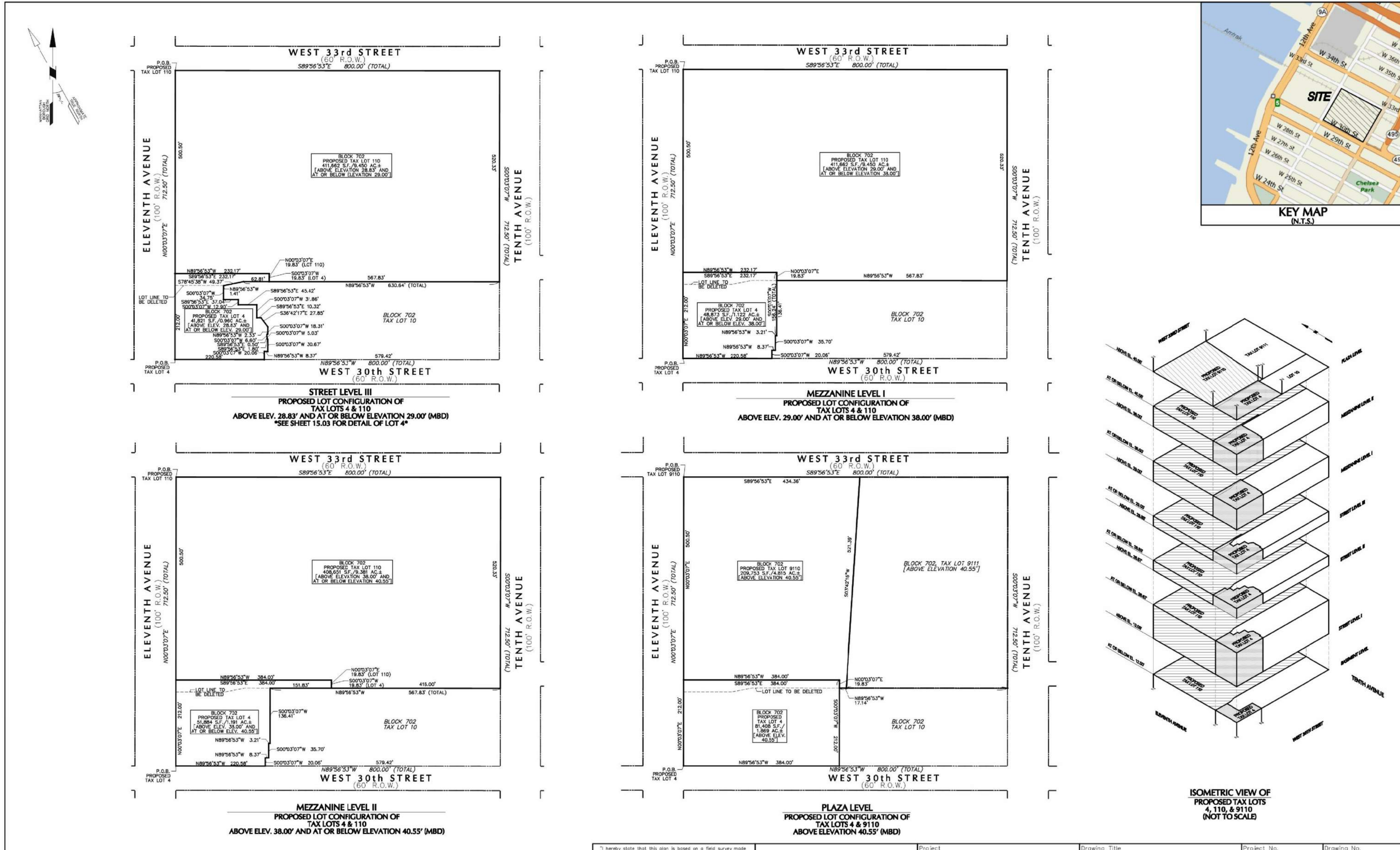


Table with 4 columns: Date, Description, No., and Remarks. Includes project information for Hudson Yards, Block 702, and a drawing number of 15.02.

ISSUE SET table with columns for Issue Set Name and Date. Lists various stages from Schematic Design to Final Construction Documents.



DATE OF PRINT: 02/15/2013  
DRAWN BY: 77  
CHECKED BY: 77  
PROJECT NUMBER:  
SHEET TITLE:  
TAX LOT SURVEYS  
DRAWING NO.:



**OWNER:**  
Related Companies  
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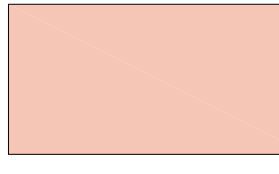
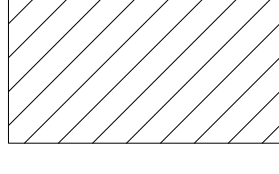
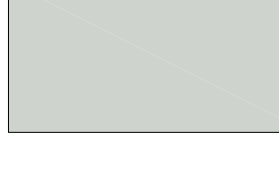

**EXTERIOR WALL CONSULTANT:**  
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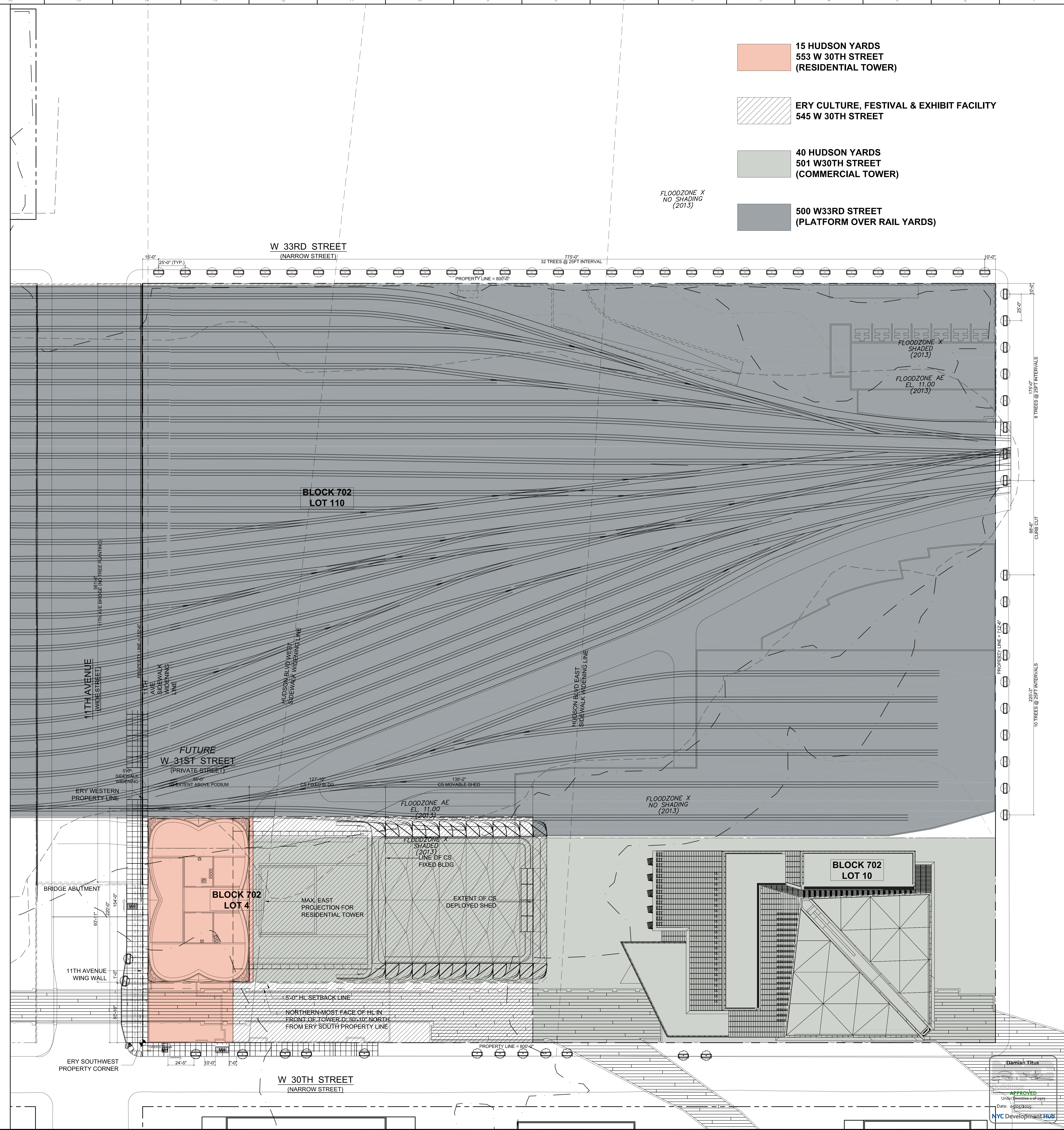
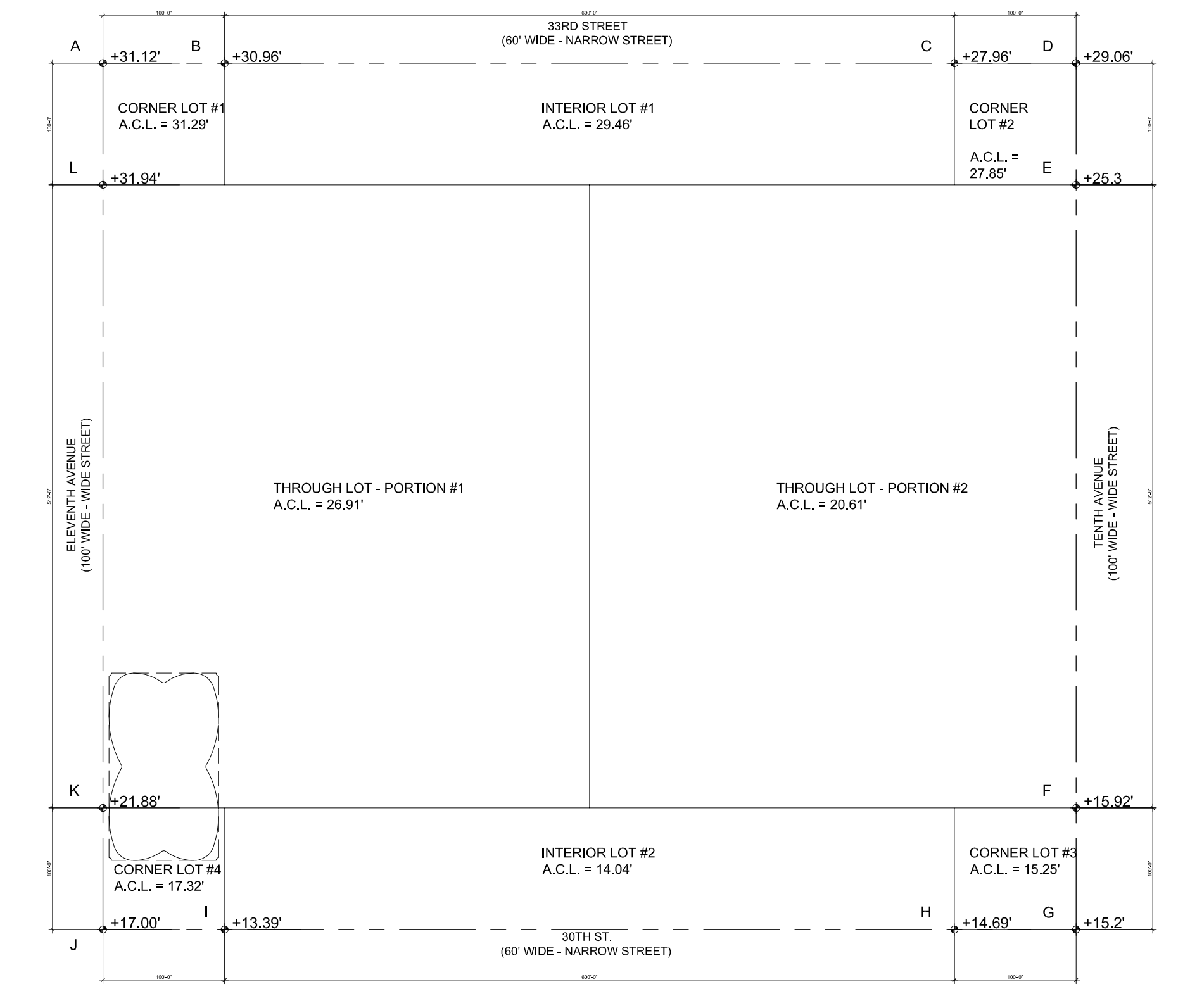
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-  15 HUDSON YARDS  
553 W 30TH STREET  
(RESIDENTIAL TOWER)
-  ERY CULTURE, FESTIVAL & EXHIBIT FACILITY  
545 W 30TH STREET
-  40 HUDSON YARDS  
501 W30TH STREET  
(COMMERCIAL TOWER)
-  500 W33RD STREET  
(PLATFORM OVER RAIL YARDS)

<b>CORNER LOT #1</b>			
$\frac{(A+B)/2 + (A+L)/2}{2}$	$\frac{((31.12' + 30.96')/2)}{2}$	$\frac{((31.12' + 31.94')/2)}{2}$	+ 31.29'
<b>INTERIOR LOT #1</b>			
$\frac{B + C}{2}$	$\frac{30.96'}{2}$	$\frac{27.96'}{2}$	+ 29.46'
<b>CORNER LOT #2</b>			
$\frac{(C+D)/2 + (D+E)/2}{2}$	$\frac{((27.96' + 29.06')/2)}{2}$	$\frac{((29.06' + 25.3')/2)}{2}$	+ 27.85'
<b>THROUGH LOT PORTION #2</b>			
$\frac{E + F}{2}$	$\frac{25.3'}{2}$	$\frac{15.92'}{2}$	+ 20.61'
<b>CORNER LOT #3</b>			
$\frac{(F+G)/2 + (G+H)/2}{2}$	$\frac{((15.92' + 15.2')/2)}{2}$	$\frac{((15.2' + 14.69')/2)}{2}$	+ 15.25'
<b>INTERIOR LOT #2</b>			
$\frac{H + I}{2}$	$\frac{14.69'}{2}$	$\frac{13.39'}{2}$	+ 14.04'
<b>CORNER LOT #4</b>			
$\frac{(I+J)/2 + (J+K)/2}{2}$	$\frac{((13.39' + 17.0')/2)}{2}$	$\frac{((17.0' + 21.88')/2)}{2}$	+ 17.32'
<b>THROUGH LOT #1</b>			
$\frac{K + L}{2}$	$\frac{21.88'}{2}$	$\frac{31.94'}{2}$	+ 26.91'



**SHEET NOTES:**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.08.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.26.2014
FOUNDATION BID SET REV. 2	09.02.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:** 2015-01-20

**DRAWN BY:** CHECKED BY:

**PROJECT NUMBER:**

**SHEET TITLE:**

**ZONING SITE PLAN**

**DRAWING NO.:**

CURB LEVEL CALCULATIONS

2

ZONING SITE PLAN

1

**Z-001.00**

**Details of Zoning Lot**

Tax Block Number = 702 Tax Lot Number = 4

Zoning District = C6-4 Special Hudson Yards District;

Residential Equivalent Zoning District = R10 Eastern Rail Yards Subarea A1

Zoning Lot Dimensions = 800.00 FT x 712.50 FT (E-W) (N-S)

Total Zoning Lot Area = 570,000 SF

NOTE: ZONING LOT DEVELOPED & APPLICATIONS FILED IN PHASES  
 PHASE 1 - TOWER C & Mini-D - FILED UNDER SEPARATE APPLICATION - JOB NOS. 121324290 (Tower C), 121331193 (Mini-D)  
 PHASE 2 - PLATFORM - FILED UNDER SEPARATE APPLICATION - JOB NO. 121331763  
 PHASE 3 - TOWER D - FILED UNDER THIS APPLICATION

Reference Z.R. Section	Sr. No.	Description	Required / Permitted	Proposed	Remarks	Compliance (Y/N)
93-122 (b)	1	Uses Permitted in C6-4	Use Groups			
	a	Residential		2	Filed Under This Application	Y
	b	Commercial (As of Right)	5 to 12	6A	Filed Under This Application	Y
	c	Commercial (by Special Permit)	6B	6B, 12C	Filed Under Separate Application - Job No. 121324290	Y
Appx A, Map 2	6	Gr. Floor Retail Contnuty requirements	3, 4	3	Only Core & Shell Filed Under This Application	Y
	a	Along 30th St	None	N/A		Y
	b	Along 11th Ave	None	N/A		Y
	c	Along 33rd St	None	N/A		Y
Appx A, Map 2	7	Gr. Floor Transparency Requirements	None	N/A		Y
	a	Along 30th St	None	N/A		Y
	b	Along 11th Ave	None	N/A		Y
	c	Along 33rd St	None	N/A		Y
93-21 (d)(i)	1	Floor Areas and Floor Area Ratios	FAR Floor Areas	FAR Floor Areas		
	a	Residential Use	=	1.30	743,669 SF	
	b	Community Facility Use	=	0.00	0 SF	
	c	Commercial Use	=	0.00	0 SF	
93-514 (b)(3)	1	Building Location, Height & Setback Regulations	See Z-100			Y
	2	Maximum Building Height	N/A	911.74 FT	From ACL +15.00 (30th Street Frontage)	Y
	3	Roof-top Regulations	N/A	N/A		Y
	4	Street Wall/Base Heights	N/A	N/A		Y
93-514 (b)	5	Setback Regulations	None Provided	See 5c below		Y
	a	11th Avenue	None Required	6 ft Setback	See Site Plan Z-100.00	Y
	b	30th Street	None Required	154 FT		Y
	c	Highline	Min. 5 ft Setback Req'd.	N/A		Y
93-63 (f)	1	Total Public Access Area Req'd for Zoning lot	= 55% of Zoning Lot Area 313,500 SF	313,500 SF	Total required Public Access area shall be provided in Phased Developments - Refer Job No. 121324290	Y
	2	Public Access Proposed in this application (Phase 3)	= 1100 SF	1100 SF	11th Ave. Sidewalk Widening upto 220ft from SW corner of Zoning Lot	Y
	b	Public Access provided in Phase 1 + Phase 2	= 52,431 SF	52,431 SF	Refer Job nos. 121324290, 121331193, 121331763	Y
	c	Public Access provided Phase 1, 2 & 3	= 53,531 SF	53,531 SF		Y
23-22	1	Max. no. of Dwelling Units : D.U. Factor =	= 750 Max. 941	389 D.U.s		Y
	2	Off Street Parking Regulations	None	No Parking Proposed		Y
	3	Enclosed Bicycle Parking	Required For Residential			Y
	a	No. of Dwelling Units Proposed	= 389 D.U.s	389 D.U.s		Y
25-80, 36-70	1	Minimum Required	None			Y
	b	Min. Required = 1 bicycle per 2 dwelling units	= 195	258 Bikes		Y
	c	Min. Area Required for Bicycle storage @ 15 SF/Space	= 2,918 SF	1,943 SF	Proposed < 15 SF / Bicycle Space (7.5 SF per bike)	Y
	d	Floor Area Deductible for Bicycle Spaces	= 2,918 SF	1,943 SF		Y

Floor No.	No. of Dwelling Units by Floor	Floor No.	Floor Heights	Floor Elevation from BPMD (0.00 ft)	Floor Elevation from NAVD (+1.65ft)	Zoning Use Group	Building Code Occupancy Group	Gross Floor Area (SF)*	Floor Area Deductions (SF) (Refer to Z100 Series Dwgs)		Zoning Floor Area (SF)
									Deductions	Remarks	
Sub-Cellar	0	Sub-Cellar	12.00 ft	-14.00 ft	-12.35 ft	2	R-2	5,965	5,965	Below Grade	0
Cellar	0	Cellar	17.00 ft	-2.00 ft	-0.35 ft	2	R-2	11,454	11,454	Below Grade	0
30th St Lvl	0	Level 00 / 30th St Lvl	13.50 ft	15.00 ft	16.65 ft	2	R-2	15,751	10,689	Partially Below Grade	5,062
1st Fl / 11th Ave & 31st St Lvl	0	Level 01 / 31st St Lvl	12.00 ft	28.50 ft	30.15 ft	2	R-2	11,232	2,961	Culture facility deducted as per ZR 93-21 (b) 1	8,271
2	0	2	7.67 ft	40.50 ft	42.15 ft	2	R-2	11,292	11,292	Culture facility deducted as per ZR 93-21 (b) 1	0
3	0	3	17.00 ft	48.17 ft	49.82 ft	2	R-2	11,772	11,772	Culture facility deducted as per ZR 93-21 (b) 1	0
4	0	4	11.08 ft	65.17 ft	66.82 ft	2	R-2	11,885	9,127	Culture facility deducted as per ZR 93-21 (b) 1	2,758
5	0	5	18.00 ft	76.25 ft	77.90 ft	2	R-2	11,851	11,851	Culture facility deducted as per ZR 93-21 (b) 1	0
6	0	6	12.25 ft	94.25 ft	95.90 ft	2	R-2	11,846	11,846	Culture facility deducted as per ZR 93-21 (b) 1	0
7	0	7	19.00 ft	106.50 ft	108.15 ft	2	R-2	11,968	11,968	Culture facility deducted as per ZR 93-21 (b) 1	0
8	0	8	11.50 ft	125.50 ft	127.15 ft	2	R-2	12,167	12,167	Culture facility deducted as per ZR 93-21 (b) 1	0
9	0	9	16.00 ft	137.00 ft	138.65 ft	2	R-2	12,488	12,488	Culture facility deducted as per ZR 93-21 (b) 1	0
10	0	10	16.50 ft	153.00 ft	154.65 ft	2	R-2	14,085	10,081	Culture facility deducted as per ZR 93-21 (b) 1	4,004
11	0	11	19.67 ft	169.50 ft	171.15 ft	2	R-2	14,630	10,920	Culture facility deducted as per ZR 93-21 (b) 1	3,710
		11M						1,272	1,272		0
12	14	12	12.92 ft	189.17 ft	190.82 ft	2	R-2	14,630	740	Bike Storage Deduction per ZR 25-80	13,890
13	14	13	9.50 ft	202.09 ft	203.74 ft	2	R-2	14,630	740	Bike Storage Deduction per ZR 25-80	13,890
14	14	14	9.50 ft	211.59 ft	213.24 ft	2	R-2	14,630	740	Bike Storage Deduction per ZR 25-80	13,890
15	14	15	9.50 ft	221.09 ft	222.74 ft	2	R-2	14,630	740	Bike Storage Deduction per ZR 25-80	13,890
16	14	16	9.50 ft	230.59 ft	232.24 ft	2	R-2	14,630	740	Bike Storage Deduction per ZR 25-80	13,890
17	14	17	9.50 ft	240.09 ft	241.74 ft	2	R-2	14,630	740	Bike Storage Deduction per ZR 25-80	13,890
18	14	18	11.92 ft	249.59 ft	251.24 ft	2	R-2	14,630	740	Bike Storage Deduction per ZR 25-80	13,890
19	11	19	12.92 ft	261.51 ft	263.16 ft	2	R-2	14,630	737		13,893
20	9	20	10.92 ft	274.43 ft	276.08 ft	2	R-2	14,630	931		13,699
21	9	21	10.92 ft	285.35 ft	287.00 ft	2	R-2	14,630	931		13,699
22	9	22	13.25 ft	296.27 ft	297.92 ft	2	R-2	14,630	931		13,699
23	9	23	10.92 ft	309.52 ft	311.17 ft	2	R-2	14,630	931		13,699
24	9	24	10.92 ft	320.44 ft	322.09 ft	2	R-2	14,630	931		13,699
25	9	25	10.92 ft	331.36 ft	333.01 ft	2	R-2	14,630	931		13,699
26	9	26	10.92 ft	342.28 ft	343.93 ft	2	R-2	14,628	931		13,697
27	9	27	10.92 ft	353.20 ft	354.85 ft	2	R-2	14,611	931		13,680
28	9	28	10.92 ft	364.12 ft	365.77 ft	2	R-2	14,609	931		13,678
29	9	29	10.92 ft	375.04 ft	376.69 ft	2	R-2	14,603	931		13,672
30	9	30	10.92 ft	385.96 ft	387.61 ft	2	R-2	14,593	931		13,662
31	9	31	10.92 ft	396.88 ft	398.53 ft	2	R-2	14,582	931		13,651
32	9	32	10.92 ft	407.80 ft	409.45 ft	2	R-2	14,574	931		13,643
33	9	33	10.92 ft	418.72 ft	420.37 ft	2	R-2	14,562	931		13,631
34	9	34	10.92 ft	429.64 ft	431.29 ft	2	R-2	14,548	931		13,617
35	9	35	17.00 ft	440.56 ft	442.21 ft	2	R-2	14,534	931		13,603
36	0	36	17.00 ft	451.48 ft	453.13 ft	2	R-2	14,506	14,506		0
37	0	37	17.00 ft	474.56 ft	476.21 ft	2	R-2	14,476	12,211		2,265
38	0	38	17.00 ft	491.56 ft	493.21 ft	2	R-2	14,442	477		13,965
39	0	39	17.00 ft	508.56 ft	510.21 ft	2	R-2	14,409	424		13,985
40	6	40	11.92 ft	525.56 ft	527.21 ft	2	R-2	14,370	609		13,761
41	6	41	11.92 ft	537.48 ft	539.13 ft	2	R-2	14,341	609		13,732
42	6	42	11.92 ft	549.40 ft	551.05 ft	2	R-2	14,309	609		13,700
43	6	43	11.92 ft	561.32 ft	562.97 ft	2	R-2	14,277	609		13,668
44	6	44	11.92 ft	573.24 ft	574.89 ft	2	R-2	14,242	609		13,633
45	6	45	12.92 ft	585.16 ft	586.81 ft	2	R-2	14,206	609		13,597
46	6	46	11.92 ft	598.08 ft	599.73 ft	2	R-2	14,166	731		13,435
47	6	47	11.92 ft	610.00 ft	611.65 ft	2	R-2	14,126	731		13,395
48	6	48	11.92 ft	621.92 ft	623.57 ft	2	R-2	14,085	731		13,354
49	6	49	11.92 ft	633.84 ft	635.49 ft	2	R-2	14,042	731		13,311
50	6	50	11.92 ft	645.76 ft	647.41 ft	2	R-2	13,998	731		13,267
51	6	51	11.92 ft	657.68 ft	659.33 ft	2	R-2	13,952	731		13,221
52	6	52	11.92 ft	669.60 ft	671.25 ft	2	R-2	13,904	731		13,173
53	6	53	11.92 ft	681.52 ft	683.17 ft	2	R-2	13,855	731		13,124
54	6	54	11.92 ft	693.44 ft	695.09 ft	2	R-2	13,804	731		13,073
55	6	55	11.92 ft	705.36 ft	707.01 ft	2	R-2	13,751	731		13,020
56	6	56	11.92 ft	717.28 ft	718.93 ft	2	R-2	13,697	1,237		12,460
57	6	57	12.92 ft	729.20 ft	730.85 ft	2	R-2	13,641	1,680		11,961
58	4	58	11.92 ft	742.12 ft	743.77 ft	2	R-2	13,579	718		12,861
59	4	59	11.92 ft	754.04 ft	755.69 ft	2	R-2	13,520	718		12,802
60	4	60	11.92 ft	765.96 ft	767.61 ft	2	R-2	13,459	718		12,741
61	4	61	11.92 ft	777.88 ft	779.53 ft	2	R-2	13,397	718		12,679
62	4	62	11.92 ft	789.80 ft							

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**SHEET NOTES:**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.08.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
FOUNDATION BID SET REV. 2	09.02.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
20150120

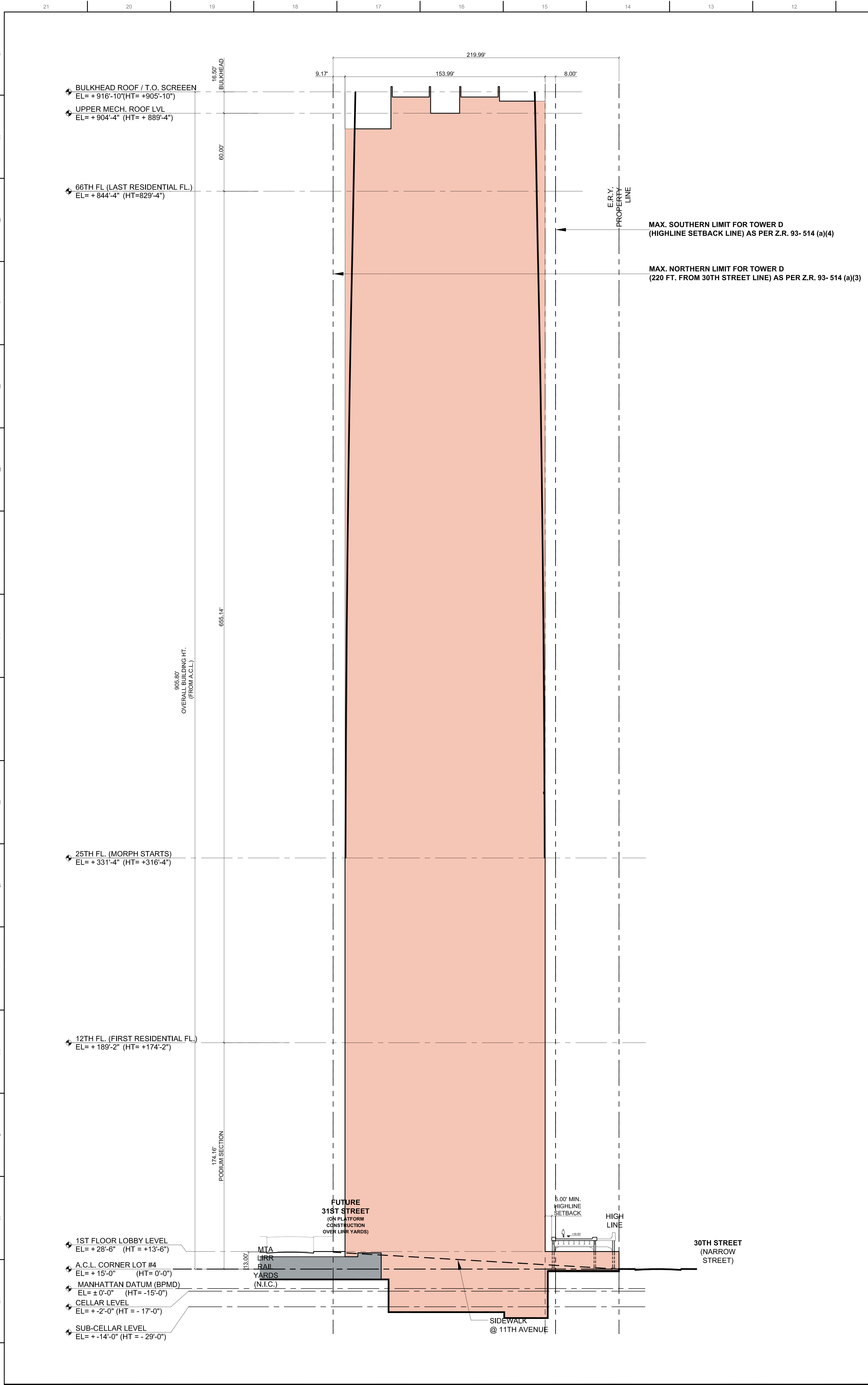
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**PROJECT NUMBER:**

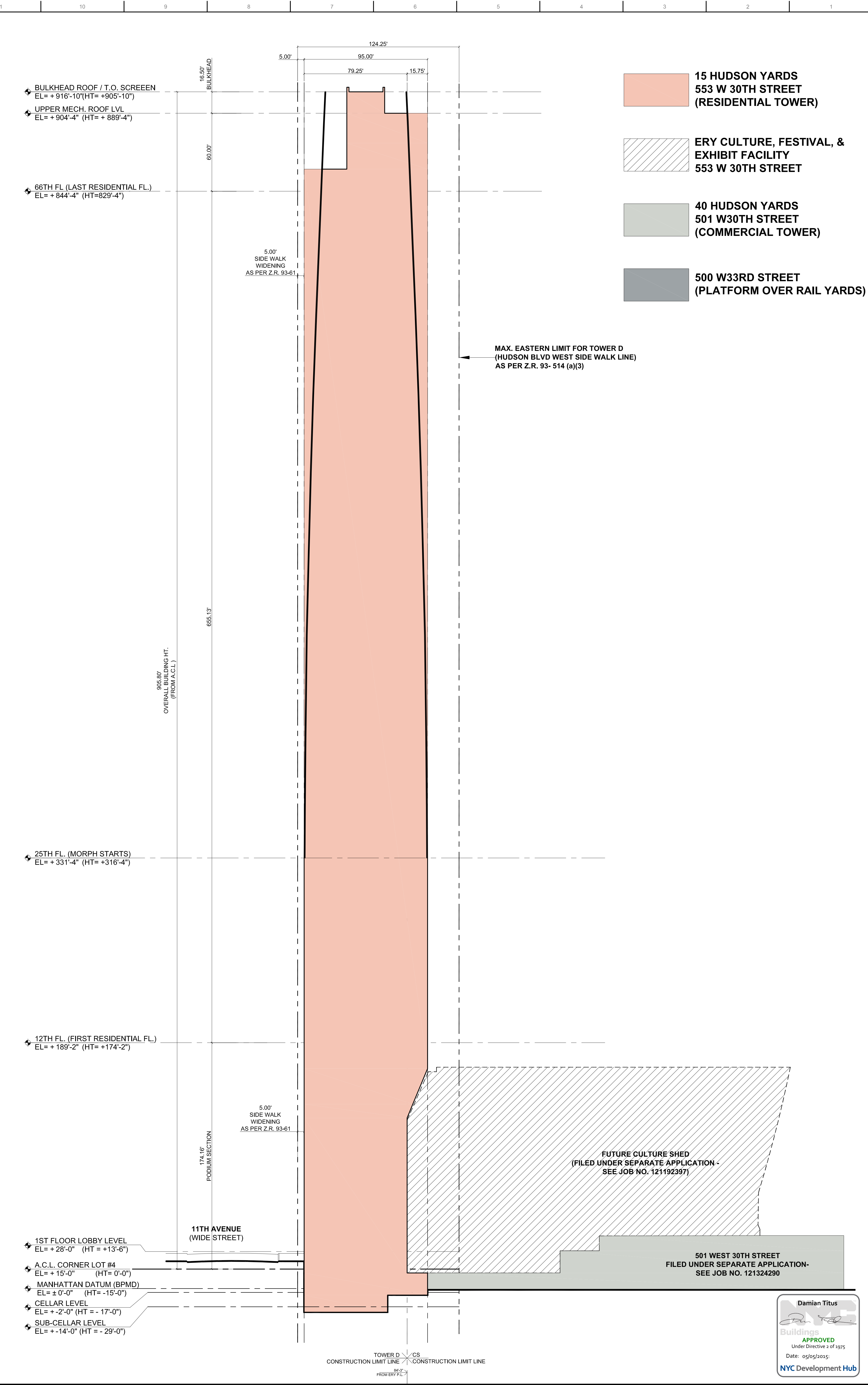
**SHEET TITLE:**  
ZONING DIAGRAMS  
HEIGHT & SETBACK

**DRAWING NO.:**

- 15 HUDSON YARDS  
553 W 30TH STREET  
(RESIDENTIAL TOWER)
- ERY CULTURE, FESTIVAL, &  
EXHIBIT FACILITY  
553 W 30TH STREET
- 40 HUDSON YARDS  
501 W30TH STREET  
(COMMERCIAL TOWER)
- 500 W33RD STREET  
(PLATFORM OVER RAIL YARDS)



NORTH-SOUTH ZONING SECTION 2  
0'-1/32" = 1'-0"



EAST WEST ZONING SECTION 1  
0'-1/32" = 1'-0"



**OWNER:**  
Related Companies  
60 Columbus Circle  
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**EXECUTIVE ARCHITECT:**  
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**DESIGNER:**  
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**DESIGNER:**  
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**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED ID ISSUE	05.06.2013
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FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
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UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/20/2015 8:42:00 PM

**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
BIKE STORAGE LAYOUTS

**DRAWING NO.:**

**Z-009.00**

**ULTRA SPACE SAVER Specifications and Space Use**

The Ultra Space Saver has several steps for installation. Note that the single and double sided setups and parts are different. Make sure you follow the instructions according to the model you ordered.

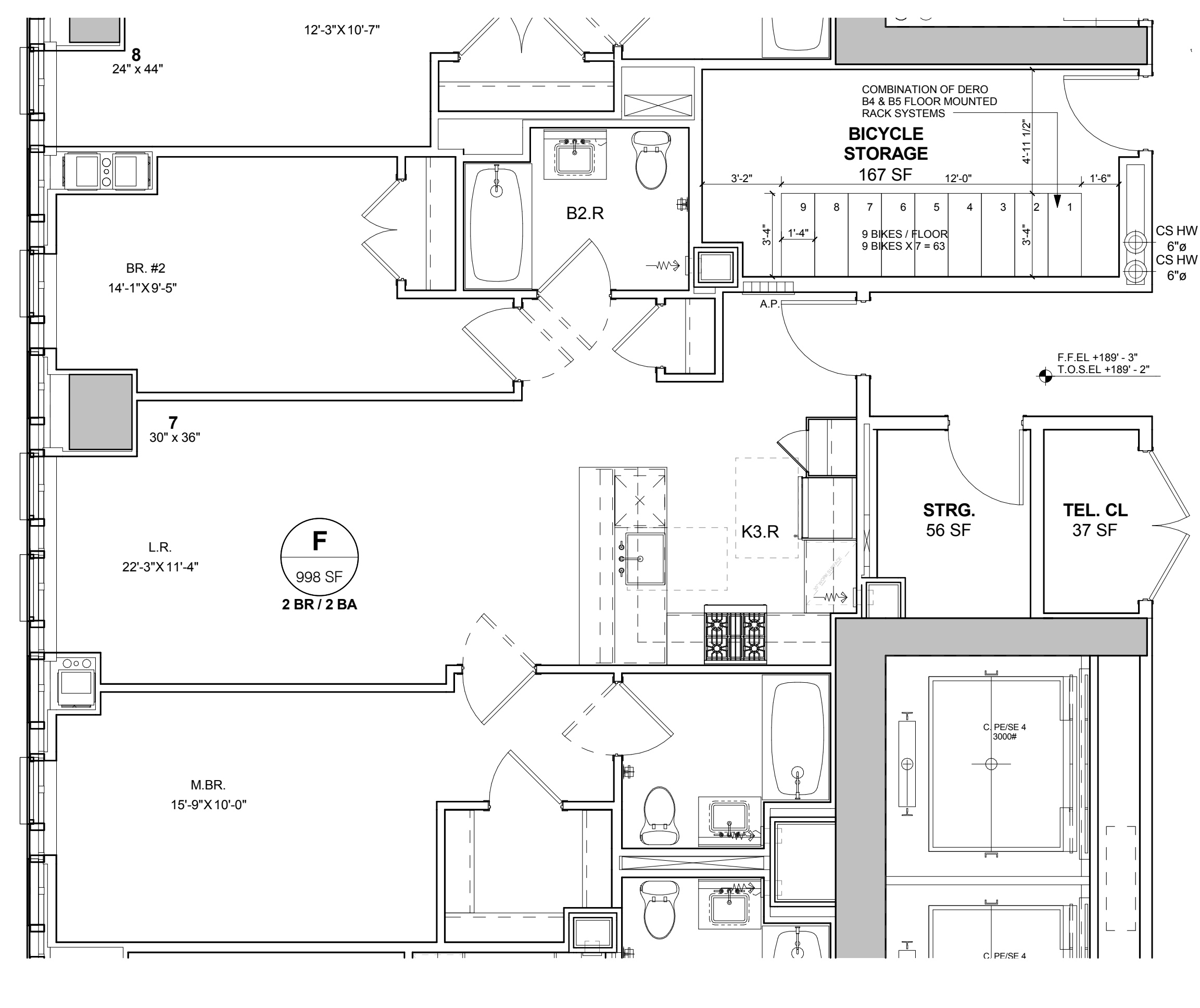
**Recommended Base Materials:**  
Solid concrete is the best base material for installation. Make sure rebar is underneath the base material that could be damaged by drilling (i.e. post-tension cable). Use the 3.75" wedge anchors that are included to install the rack into the concrete (wall anchors are 3").

**Installation:**  
Sort out the parts to the rack and identify each of them accordingly. The 1" carriage bolts are for assembly of the rack and the 3.75" wedge anchors are for mounting the rack to the floor.

**Reading your Dero designed layout**  
Ultra Space Savers come in varying configurations, making it very important that you carefully follow the layout provided by Dero when installing the racks. If you do not follow the diagrams, you may well end up short of parts. The length of each Ultra Space Saver unit is indicated by a number ranging from 82-87 in the layout. This number corresponds to the length of crossbeams to be installed. In the example provided below the Ultra Space Saver is to be installed starting with two 84 units, which have 44" crossbeams, followed by a 85, which has 70" crossbeams.

These numbers indicate the number of arms between brackets for each Ultra Space Saver unit to be installed.

**DERO BIKE RACKS**  
www.dero.com | 1.800.351.6729



**PROPOSED BIKE STOR. SYSTEM @ 12-18 FLOORS** **4**  
12" = 1'-0"

**12TH-18TH FLOORS PARTIAL PLAN - BIKE STORAGE LAYOUT** **2**  
1/4" = 1'-0"

**TRACK RACK Specifications and Space Use**

**Product:** Dero Track Rack  
As manufactured by Dero Bike Racks

**Capacity:** Capacity of the Track Rack will vary by lengths ordered. At maximum capacity, bikes will be parked 8" apart. Each 8 foot length will accommodate 13 bikes.

**Materials:** 12 gauge galvanized steel  
Stainless steel trolley assembly  
1/4" zinc plated steel rods

**Installation Methods:** The Track Rack is available in a wall-mounted or ceiling-mounted configuration. Please contact us if you are interested in a floor-mounted Track Rack.

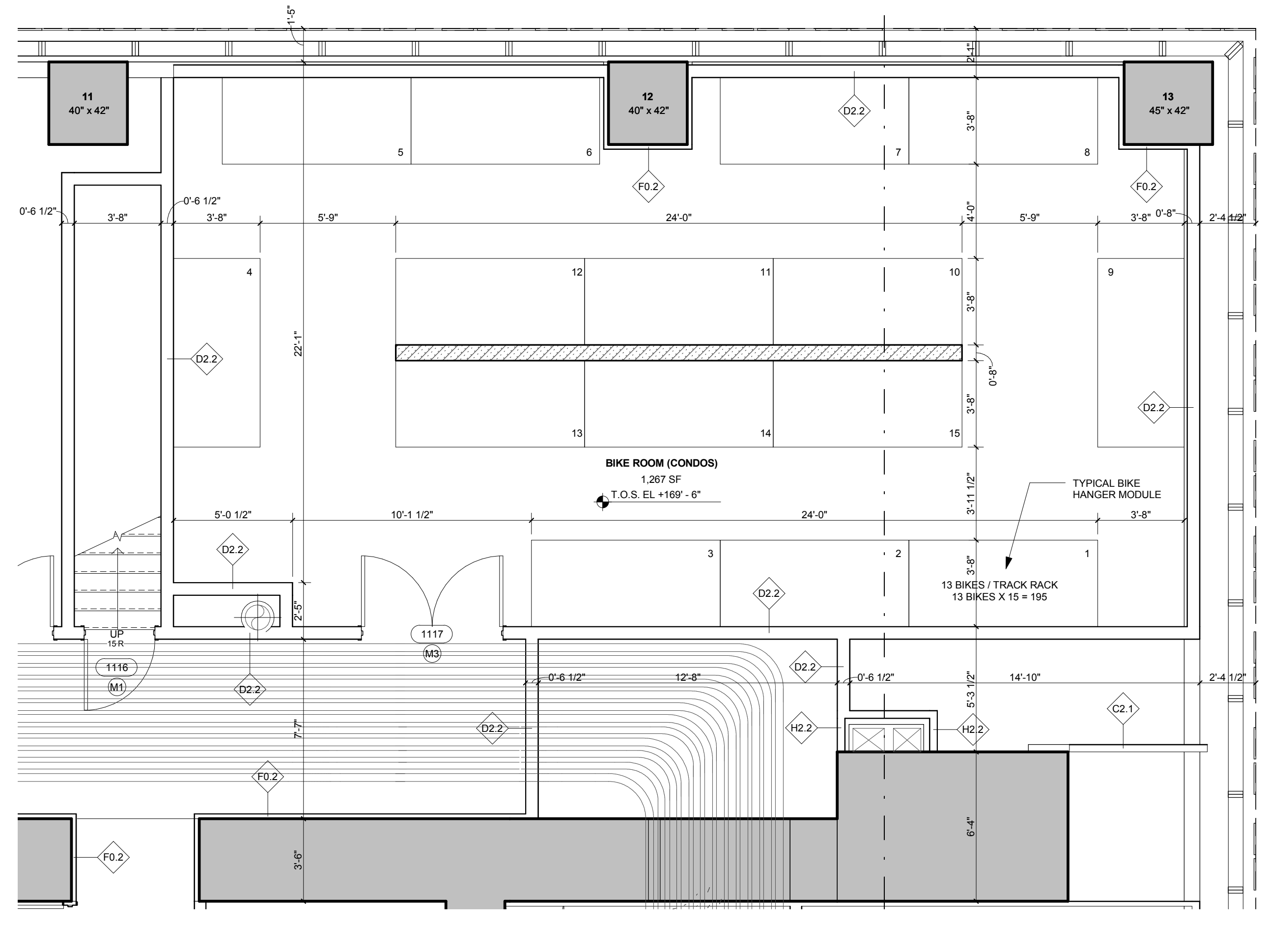
**Space Use and Subtasks:** Track Racks may be lined up end to end to fill the available space. A 36" aisle should be left between racks facing one another.

Track Racks may be spliced together for expanded, continuous bike storage.

Trolleys allow you to push neighboring bikes apart when hanging or removing a bike.

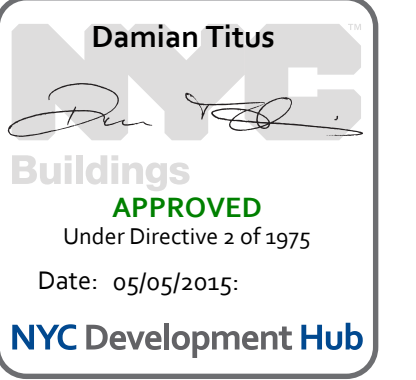
A double-sided option is available.

**DERO BIKE RACKS**  
www.dero.com | 1.800.351.6729



**PROPOSED BIKE STOR. SYSTEM @ 11TH FLOOR** **3**  
12" = 1'-0"

**11TH FLOOR PARTIAL PLAN - BIKE STORAGE LAYOUT** **1**  
1/4" = 1'-0"





- ZONING USE KEY / LEGEND**
- BELOW GRADE
  - OPEN TO BELOW
  - CULTURE SHED AREA WITHIN TOWER D EXEMPT AS PER (Z.R. 93-21 (1))
  - EXEMPT RESIDENTIAL CORE AREA EXEMPT AS PER (Z.R. 93-21 (1))
  - MECHANICAL
  - ELECTRICAL
  - FIRE PROTECTION
  - PLUMBING
  - BICYCLE STORAGE
  - AREA BOUNDARY

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
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**EXECUTIVE ARCHITECT:**  
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**DESIGNER:**  
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**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.25.2013
D.O.B. INITIAL FILING	11.22.2013
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FINAL SD ISSUE - REVISED	08.25.2014
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(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**CULTURE SHED FITOUT**  
FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 1211923971  
(FOUNDATIONS & STRUCTURE FILED UNDER SEPARATE APPLICATION  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193)

ZFA Deductions LEVEL 00

Zoning Deduction #	Zoning Area Type	GFA
1	Culture Shed	1,455 SF
2	Fire Protection	145 SF
3	Mechanical	40 SF
4	Plumbing	27 SF
5	Mechanical	25 SF
6	Below Grade	8,963 SF
Grand Total		10,668 SF

GFA LEVEL 00	14,792 SF
ZFA LEVEL 00	5,062 SF

**LEVEL 00 ZONING FLOOR AREA PLAN** **2**  
1/8" = 1'-0"



**STAMP**

**DATE OF PRINT**  
1/20/2015 10:18:16 AM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
ZONING FLOOR AREA  
PLANS LEVEL 00

**DRAWING NO.**  
**Z-100.00**

**OWNER:**  
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60 Columbus Circle  
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**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

**DATE**

SCHEMATIC DESIGN ISSUE 02.15.2013

REVISION BID ISSUE 05.06.2013

EXTERIOR WALL 75% DD 09.05.2013

EXTERIOR WALL PRELIM. BID 11.05.2013

D.O.B. INITIAL FILING 11.22.2013

FINAL SD ISSUE 11.25.2013

EXTERIOR WALL BID SET 01.27.2014

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FOUNDATION BID SET REV. 1 06.20.2014

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SUPERSTRUCTURE BID SET 11.17.2014

DD PHASE PROGRESS DWGS

DESIGN DEVELOPMENT SET 12.22.2014

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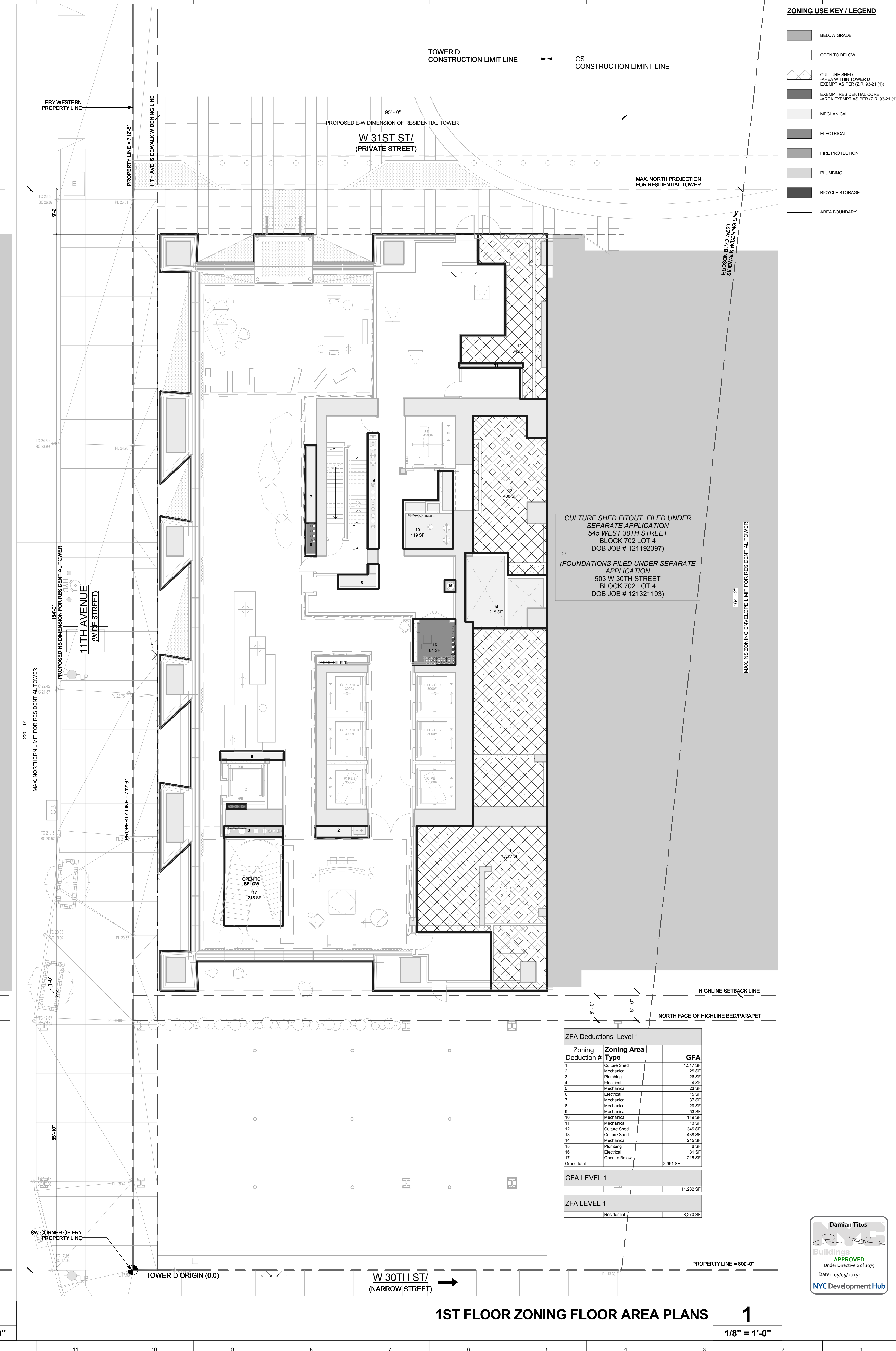
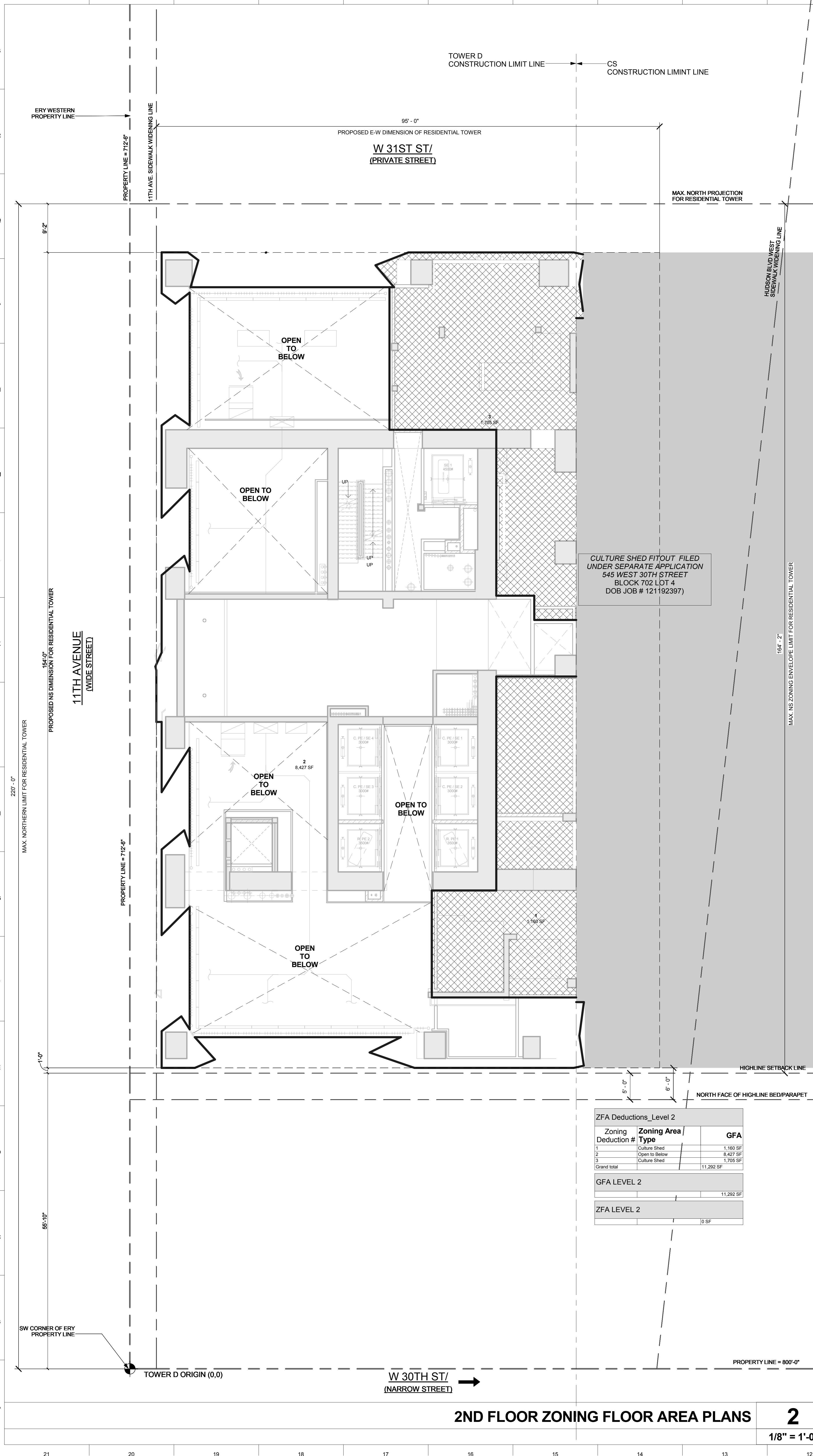
**PROJECT NUMBER**

**TITLE**  
ZONING FLOOR AREA  
PLANS 1ST & 2ND

**DRAWING NO.**  
Z-101.00

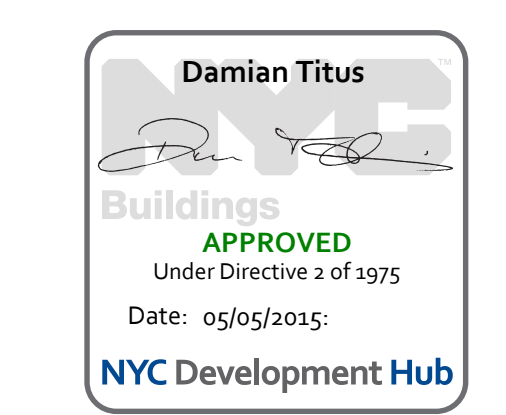
**ZONING USE KEY / LEGEND**

- BELOW GRADE
- OPEN TO BELOW
- CULTURE SHED AREA WITHIN TOWER D EXEMPT AS PER (Z.R. 93-21 (1))
- EXEMPT RESIDENTIAL CORE AREA EXEMPT AS PER (Z.R. 93-21 (1))
- MECHANICAL
- ELECTRICAL
- FIRE PROTECTION
- PLUMBING
- BICYCLE STORAGE
- AREA BOUNDARY



**2ND FLOOR ZONING FLOOR AREA PLANS**  
2  
1/8" = 1'-0"

**1ST FLOOR ZONING FLOOR AREA PLANS**  
1  
1/8" = 1'-0"





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**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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EXTERIOR WALL 75% DD	09.05.2013
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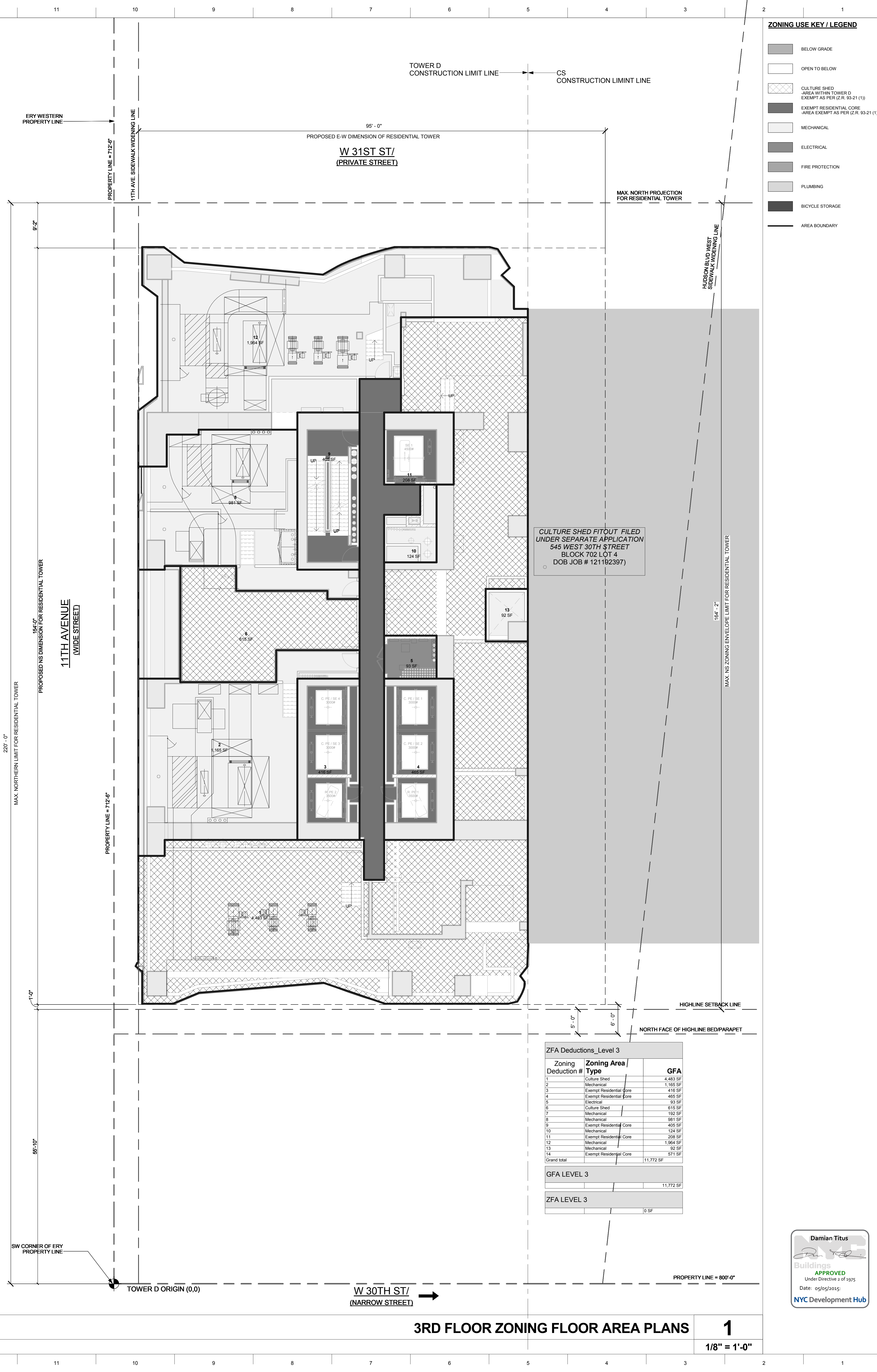
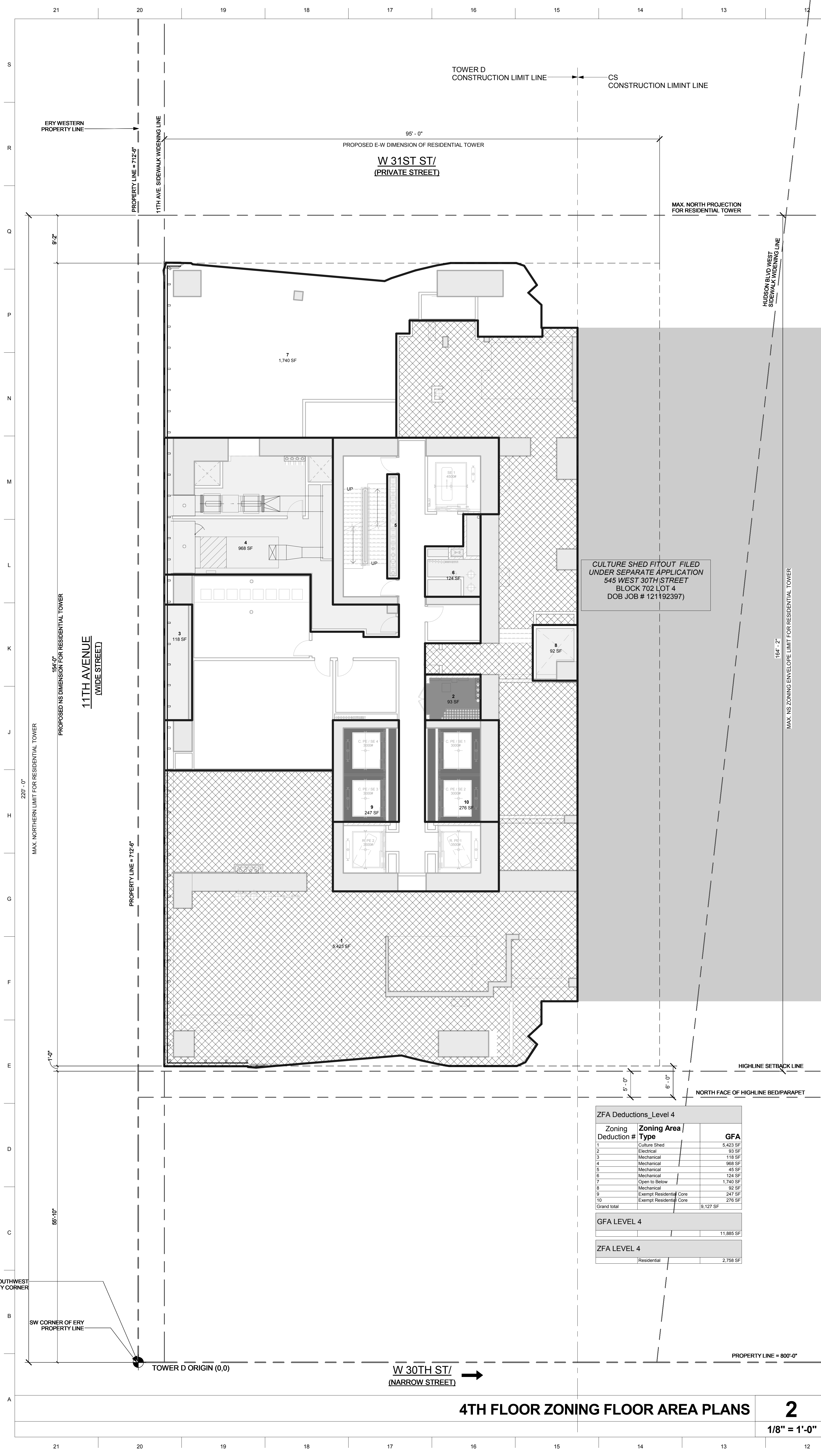
**PROJECT NUMBER:**

**TITLE:**  
ZONING FLOOR AREA  
PLANS 3RD & 4TH

**DRAWING NO.:**  
**Z-103.00**

**ZONING USE KEY / LEGEND**

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[Pattern]	OPEN TO BELOW
[Pattern]	CULTURE SHED AREA WITHIN TOWER D EXEMPT AS PER (Z.R. 93-21 (1))
[Pattern]	EXEMPT RESIDENTIAL CORE AREA EXEMPT AS PER (Z.R. 93-21 (1))
[Pattern]	MECHANICAL
[Pattern]	ELECTRICAL
[Pattern]	FIRE PROTECTION
[Pattern]	PLUMBING
[Pattern]	BICYCLE STORAGE
[Line]	AREA BOUNDARY



**4TH FLOOR ZONING FLOOR AREA PLANS** **2**  
1/8" = 1'-0"

**3RD FLOOR ZONING FLOOR AREA PLANS** **1**  
1/8" = 1'-0"

**ZONING USE KEY / LEGEND**

- BELOW GRADE
- OPEN TO BELOW
- CULTURE SHED AREA WITHIN TOWER D EXEMPT AS PER (Z.R. 93-21 (1))
- EXEMPT RESIDENTIAL CORE AREA EXEMPT AS PER (Z.R. 93-21 (1))
- MECHANICAL
- ELECTRICAL
- FIRE PROTECTION
- PLUMBING
- BICYCLE STORAGE
- AREA BOUNDARY

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
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**DESIGNER:**  
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**MEP ENGINEER:**  
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**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

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SCHEMATIC DESIGN ISSUE	02.15.2013
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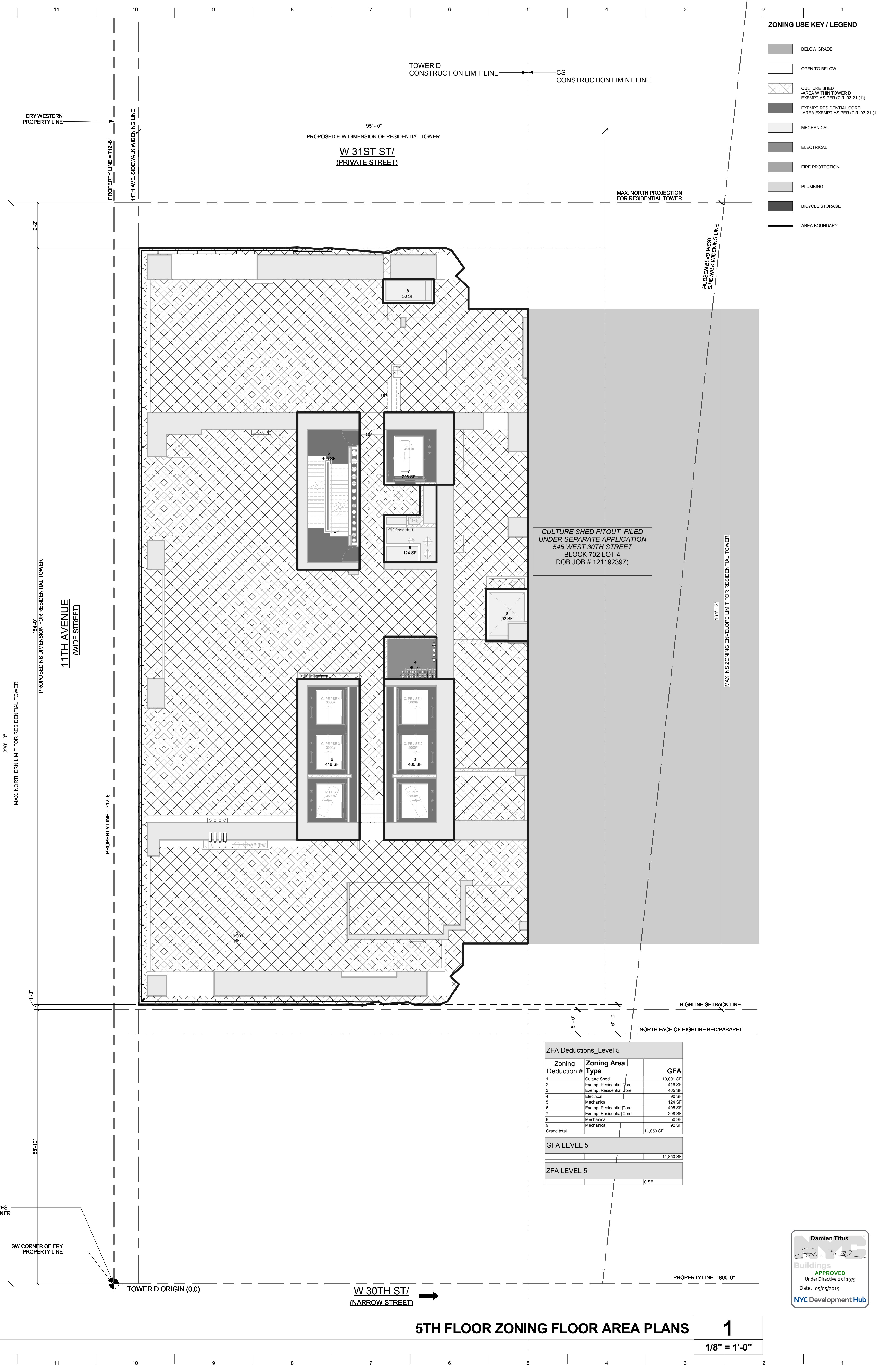
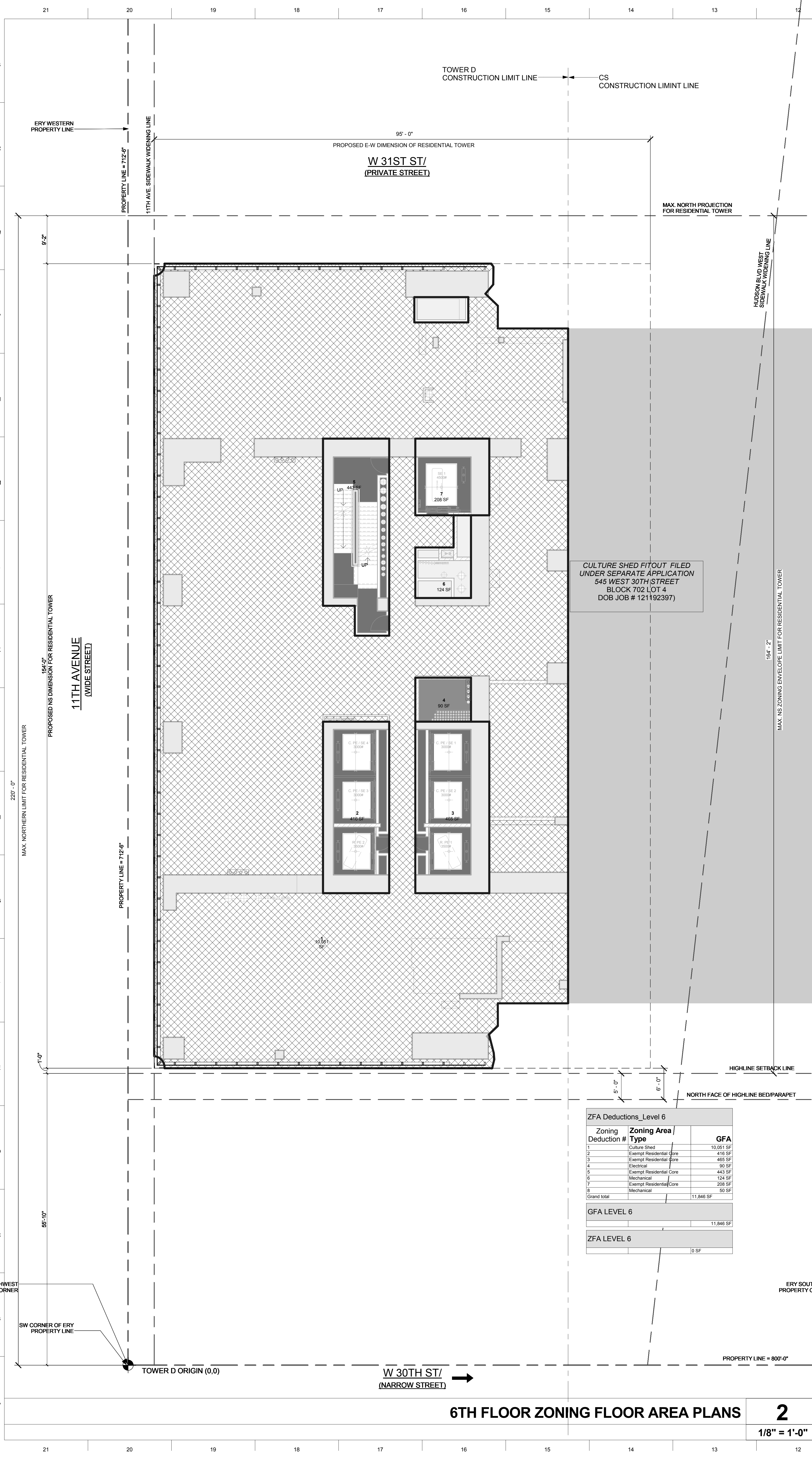
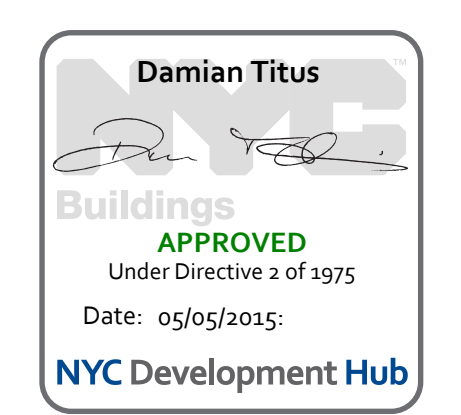
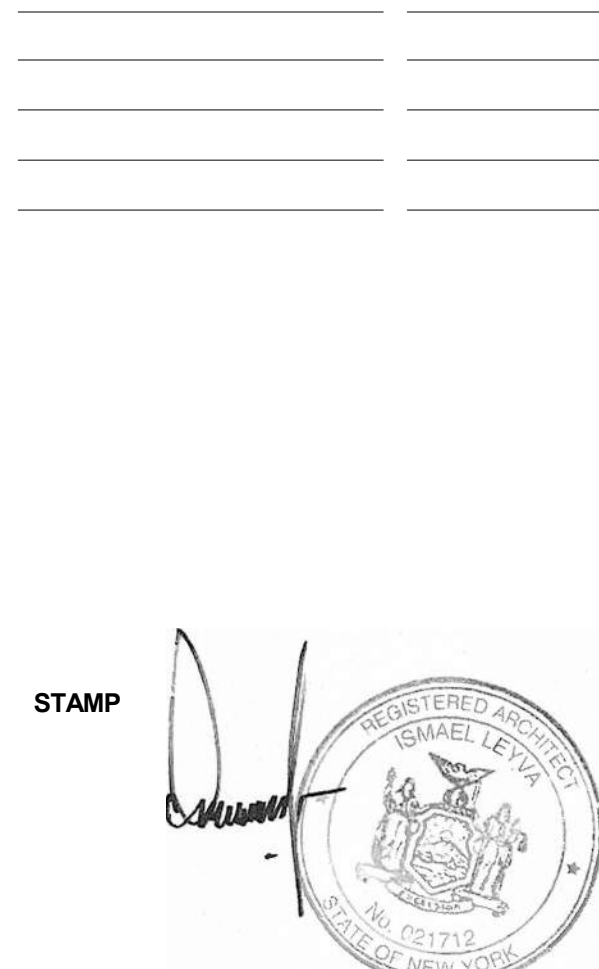
**DATE OF PRINT**  
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**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
ZONING FLOOR AREA  
PLANS 5TH & 6TH

**DRAWING NO.**  
**Z-105.00**



**ZFA Deductions\_Level 6**

Zoning Deduction #	Zoning Area Type	GFA
1	Culture Shed	10,051 SF
2	Exempt Residential Core	418 SF
3	Exempt Residential Core	465 SF
4	Electrical	90 SF
5	Exempt Residential Core	443 SF
6	Mechanical	124 SF
7	Exempt Residential Core	208 SF
8	Mechanical	92 SF
Grand total		11,846 SF

**GFA LEVEL 6**  
11,846 SF

**ZFA LEVEL 6**  
0 SF

**ZFA Deductions\_Level 5**

Zoning Deduction #	Zoning Area Type	GFA
1	Culture Shed	10,051 SF
2	Exempt Residential Core	418 SF
3	Exempt Residential Core	465 SF
4	Electrical	90 SF
5	Mechanical	124 SF
6	Exempt Residential Core	405 SF
7	Exempt Residential Core	208 SF
8	Mechanical	92 SF
9	Mechanical	92 SF
Grand total		11,860 SF

**GFA LEVEL 5**  
11,860 SF

**ZFA LEVEL 5**  
0 SF

- ZONING USE KEY / LEGEND**
- BELOW GRADE
  - OPEN TO BELOW
  - CULTURE SHED AREA WITHIN TOWER D EXEMPT AS PER Z.R. 93-21(1)
  - EXEMPT RESIDENTIAL CORE AREA EXEMPT AS PER Z.R. 93-21(1)
  - ELECTRICAL
  - FIRE PROTECTION
  - PLUMBING
  - BICYCLE STORAGE
  - AREA BOUNDARY

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Janet Leyva Architects  
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T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street - 1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
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**EXTERIOR WALL CONSULTANT:**  
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360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
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LIVINGSTON, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
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New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
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New York, NY 10018  
T: 212.370-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

Zoning Deduction #	Zoning Area	Type	GFA
1	Culture Shed		10,181 SF
2	Exempt Residential Core		421 SF
3	Exempt Residential Core		465 SF
4	Electrical		109 SF
5	Exempt Residential Core		411 SF
6	Mechanical		124 SF
7	Exempt Residential Core		200 SF
8	Mechanical		93 SF
Grand total			11,969 SF



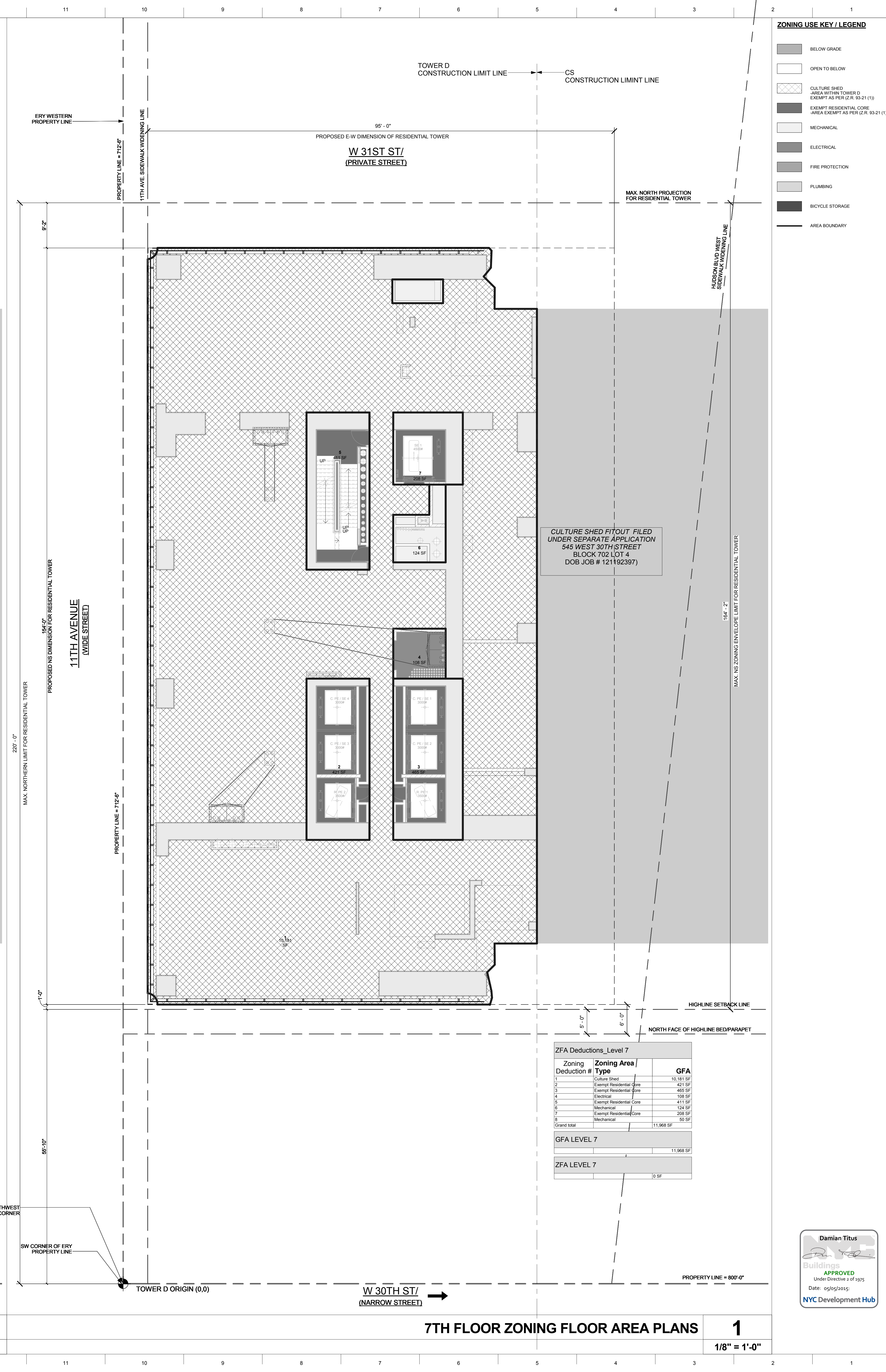
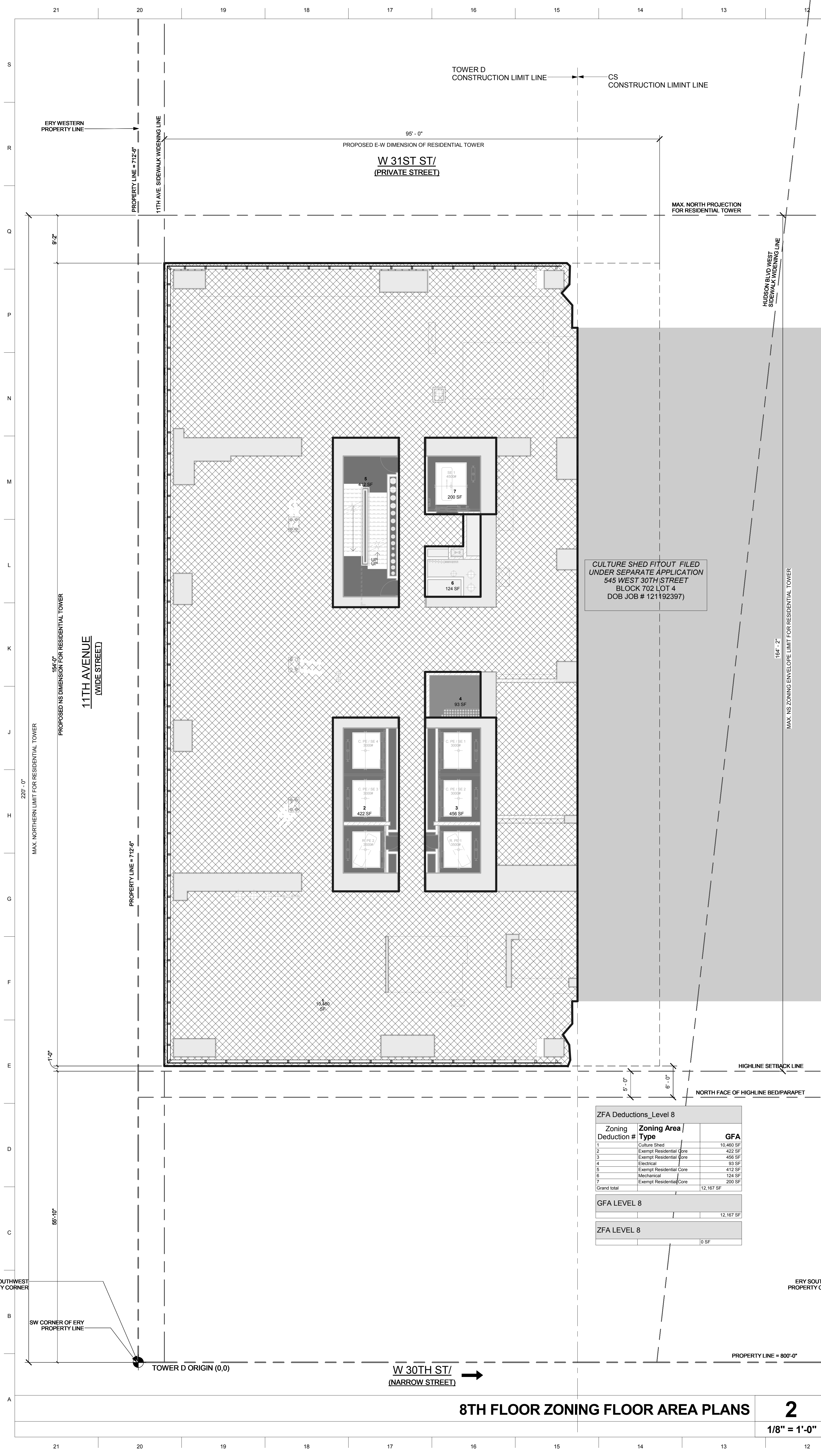
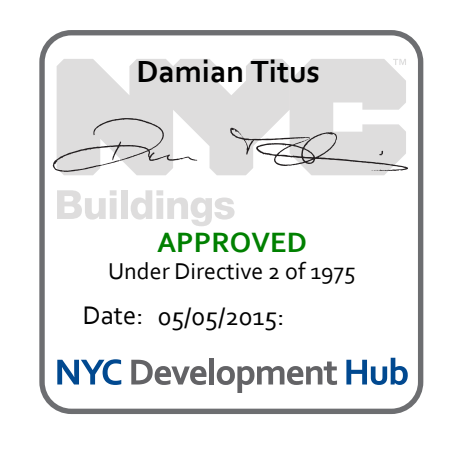
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**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
ZONING FLOOR AREA  
PLANS 7TH & 8TH

**DRAWING NO.:**  
**Z-107.00**



**ZONING USE KEY / LEGEND**

- BELOW GRADE
- OPEN TO BELOW
- CULTURE SHED AREA WITHIN TOWER D EXEMPT AS PER (Z.R. 93-21 (1))
- EXEMPT RESIDENTIAL CORE AREA EXEMPT AS PER (Z.R. 93-21 (1))
- MECHANICAL
- ELECTRICAL
- FIRE PROTECTION
- PLUMBING
- BICYCLE STORAGE
- AREA BOUNDARY

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
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T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
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48 West 37th Street  
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**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
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**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
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**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
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**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
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T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
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T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

SCHEMATIC DESIGN ISSUE	DATE
REVISIONED BID ISSUE	02.15.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	

**DESIGN DEVELOPMENT SET**

**UPDATED DOB SET**

**DATE OF PRINT**

**DRAWING SCALE**

**PROJECT NUMBER**

**TITLE**

**ZONING FLOOR AREA PLANS 9TH & 10TH**

**DRAWING NO.**

**Z-109.00**

**DATE OF PRINT**

**DRAWING SCALE**

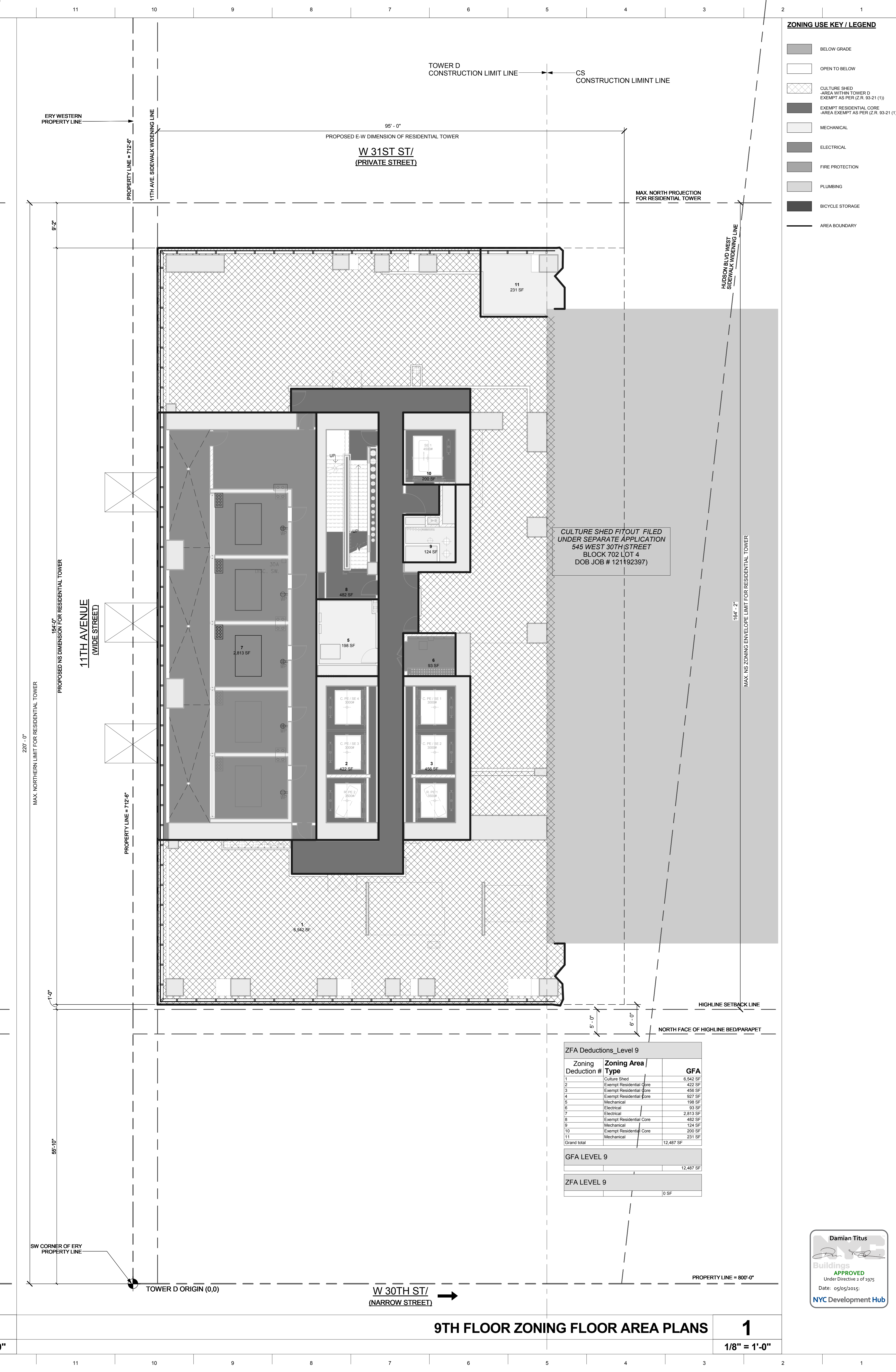
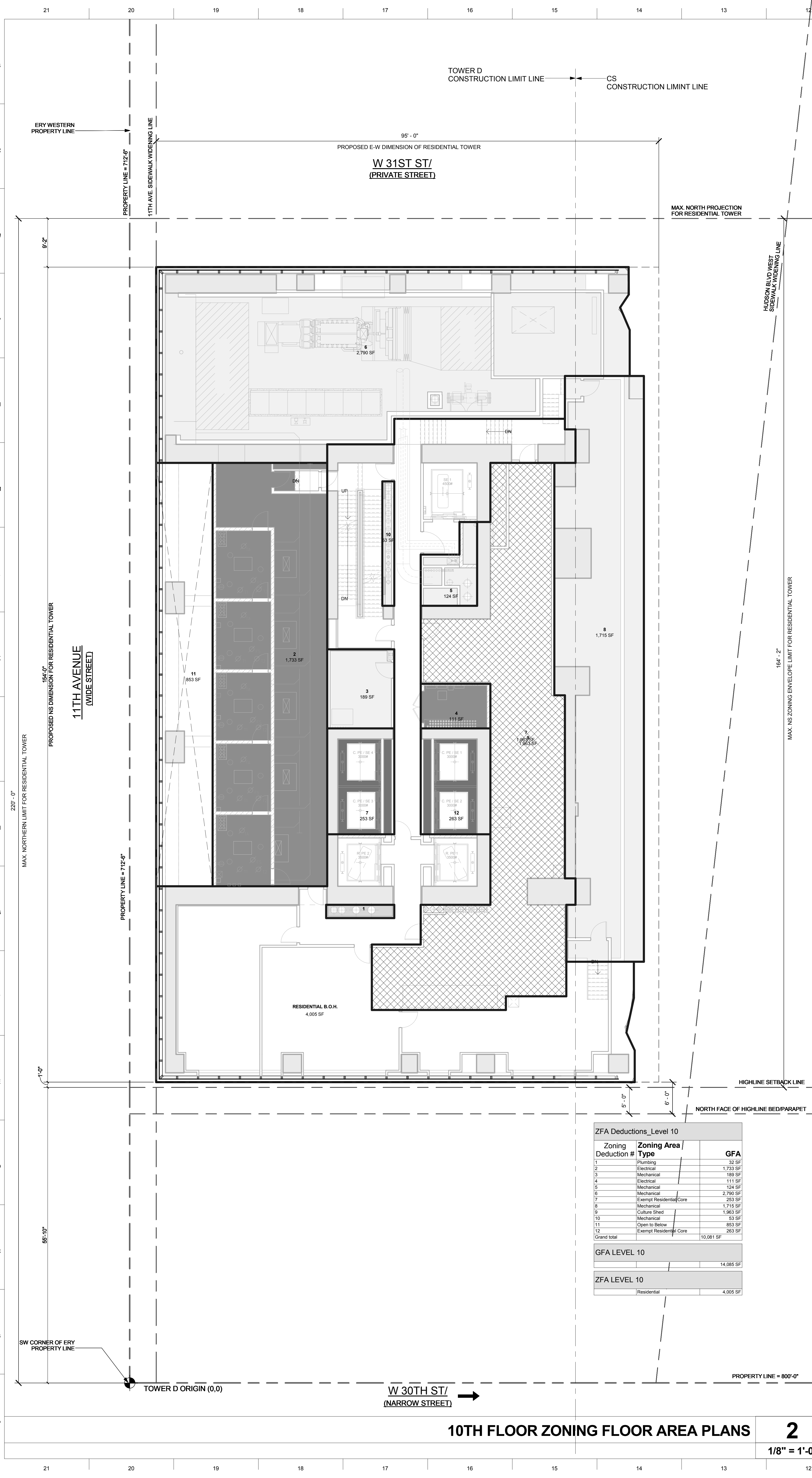
**PROJECT NUMBER**

**TITLE**

**ZONING FLOOR AREA PLANS 9TH & 10TH**

**DRAWING NO.**

**Z-109.00**



**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 60 Columbus Circle  
 New York, NY 10023  
 T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
 Jarmel Leyva Architects  
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**DESIGNER:**  
 Oller Scott/Rainfo  
 601 West 26 Street-1815  
 New York, New York 10001  
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**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
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**STRUCTURAL ENGINEER:**  
 MSP Cantor Seimik  
 228 E 45th Street  
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**MEP ENGINEER:**  
 Jaron Baum & Bolles Consulting Engineers  
 80 Pine Street  
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**EXTERIOR WALL CONSULTANT:**  
 Israel Berger & Associates  
 360 Park Avenue South, 15th Floor  
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 T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

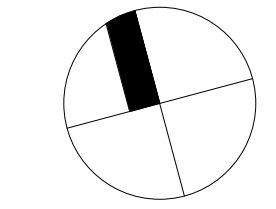
**LEED CONSULTANT:**  
 Viridian  
 300 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAM & ASSOCIATES INC.  
 404 5th Ave. #8  
 New York, NY 10018  
 T: 212.370-1776

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 520  
 New York, NY 10003  
 T: 212.260-2270

**SHEET NOTES:**

**KEY PLAN**



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
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FOUNDATION BID SET REV. 1	05.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



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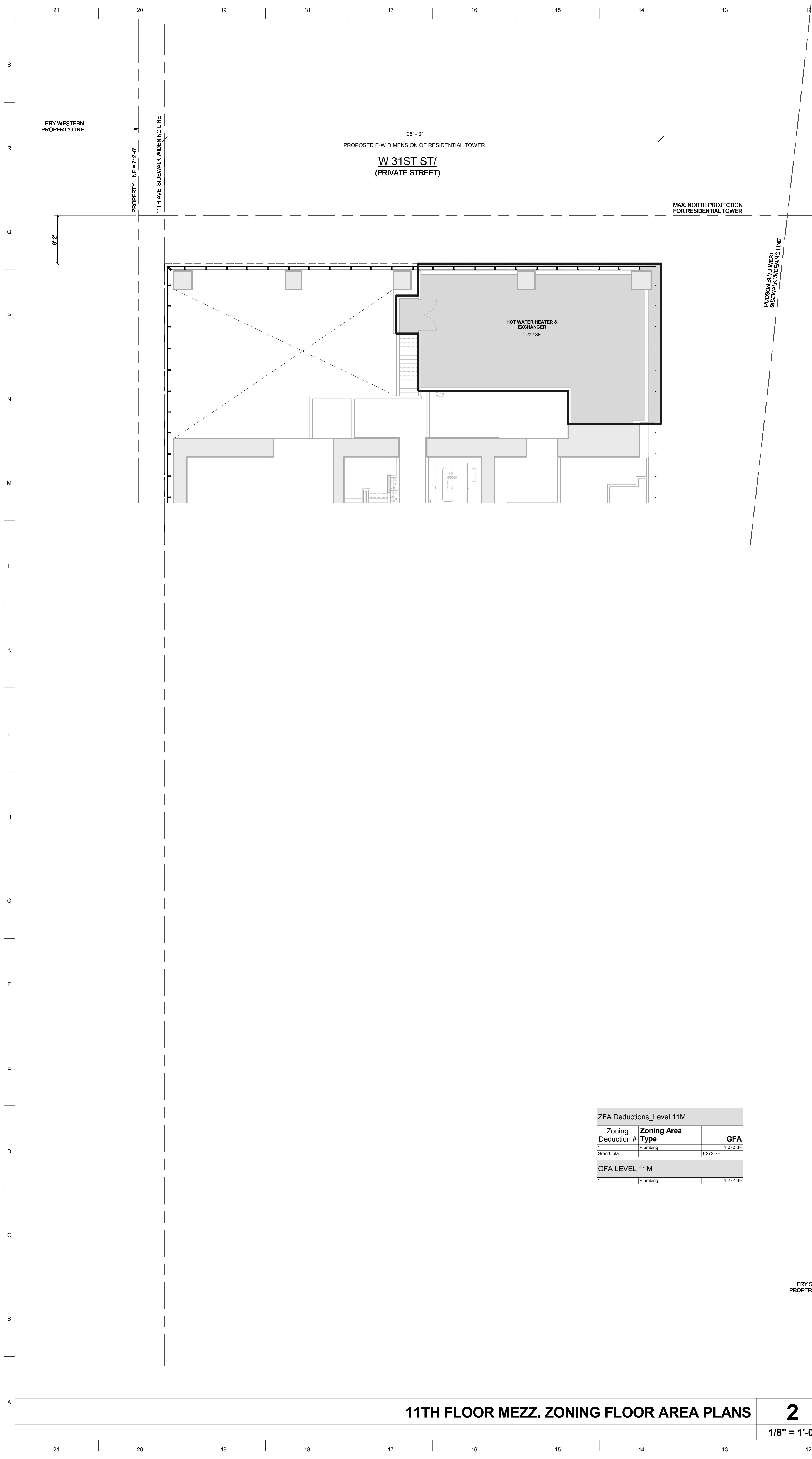
**PROJECT NUMBER:**

**TITLE:**  
 ZONING FLOOR AREA  
 PLANS 11TH & 11TH M

**DRAWING NO.:**  
**Z-111.00**

**ZONING USE KEY / LEGEND**

[Grey Box]	BELOW GRADE
[White Box]	OPEN TO BELOW
[Cross-hatched Box]	CULTURE SHED AREA WITHIN TOWER D EXEMPT AS PER (Z.R. 93-21 (1))
[Dark Grey Box]	EXEMPT RESIDENTIAL CORE AREA EXEMPT AS PER (Z.R. 93-21 (1))
[Light Grey Box]	MECHANICAL
[Medium Grey Box]	ELECTRICAL
[Dark Grey Box]	FIRE PROTECTION
[Light Grey Box]	PLUMBING
[Dark Grey Box]	BICYCLE STORAGE
[Dashed Line]	AREA BOUNDARY

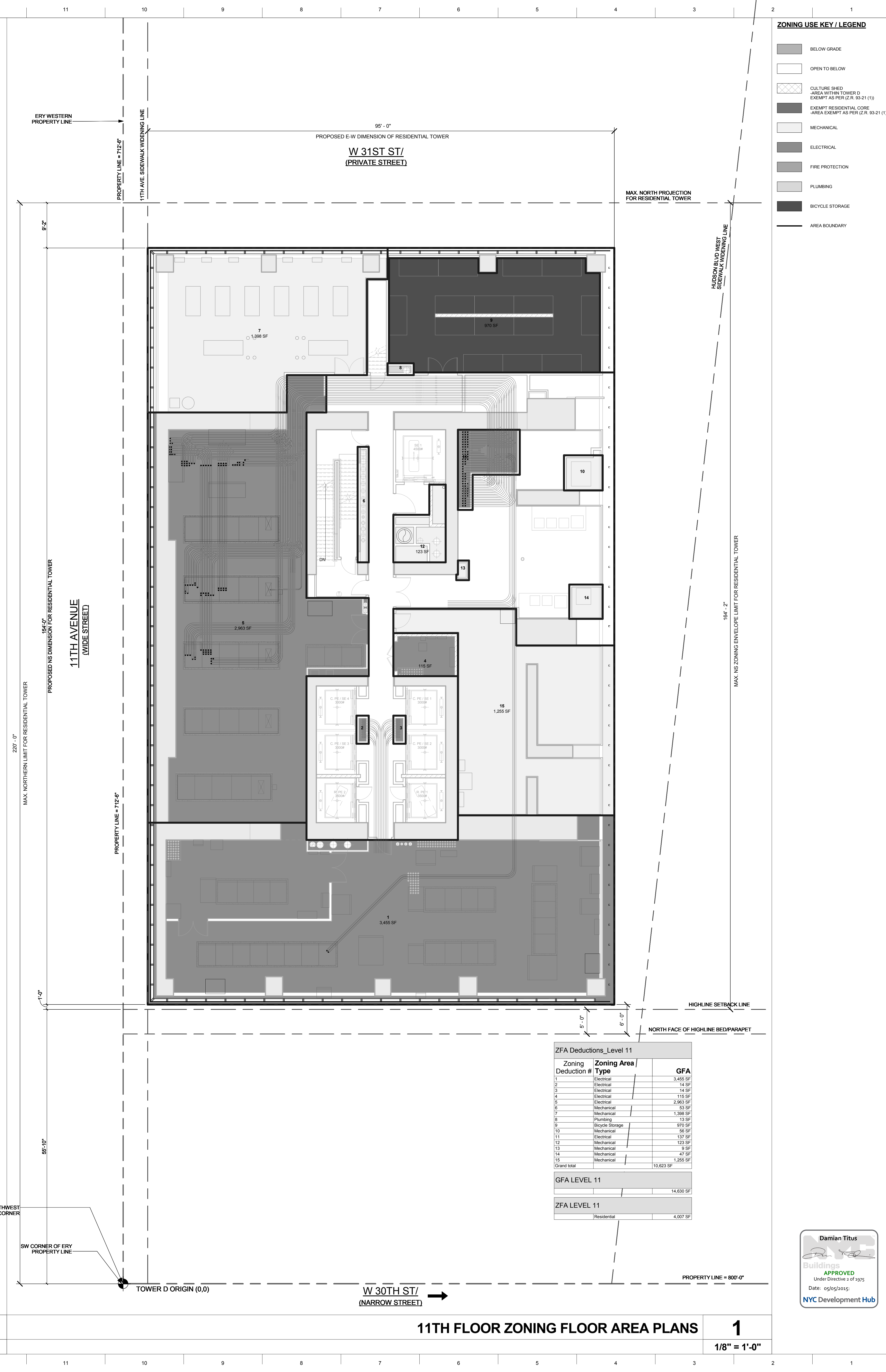


ZFA Deductions\_Level 11M

Zoning Deduction #	Zoning Area Type	GFA
1	Plumbing	1,272 SF
Grand total		1,272 SF

GFA LEVEL 11M

1	Plumbing	1,272 SF
---	----------	----------



ZFA Deductions\_Level 11

Zoning Deduction #	Zoning Area Type	GFA
1	Electrical	3,455 SF
2	Electrical	14 SF
3	Electrical	14 SF
4	Electrical	118 SF
5	Electrical	2,903 SF
6	Mechanical	53 SF
7	Mechanical	1,398 SF
8	Plumbing	33 SF
9	Bicycle Storage	970 SF
10	Mechanical	96 SF
11	Electrical	137 SF
12	Mechanical	123 SF
13	Mechanical	3 SF
14	Mechanical	47 SF
15	Mechanical	1,255 SF
Grand total		10,623 SF

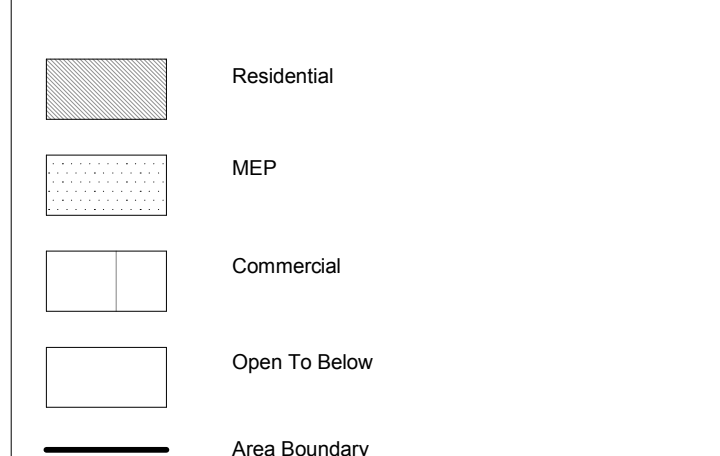
GFA LEVEL 11

Residential	14,630 SF
-------------	-----------

ZFA LEVEL 11

Residential	4,007 SF
-------------	----------

### ZONING USE KEY / LEGEND



15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
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60 Columbus Circle  
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New York, NY 10018  
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**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.269.7971

**DESIGNER:**  
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5 Union Square, West  
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**STRUCTURAL ENGINEER:**  
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228 E 45th Street  
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**EXTERIOR WALL CONSULTANT:**  
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360 Park Avenue South, 15th Floor  
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5 Regent Street, Suite 524  
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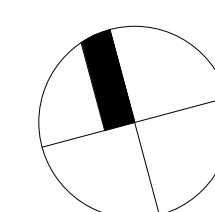
**LEED CONSULTANT:**  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
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**LANDSCAPE DESIGNER:**  
Neilson Wolf  
200 Park Avenue South, Suite 520  
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**SHEET NOTES:**

**KEY PLAN**



**ISSUE SET**

SCHEMATIC DESIGN ISSUE	DATE
02.15.2013	
REVISOR: SD ISSUE	05.06.2013
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EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
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E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
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(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**



**DATE OF PRINT**

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**DRAWING SCALE**

As indicated

**PROJECT NUMBER**

**TITLE**

Zoning Floor Area Plans\_12-19

**DRAWING NO.**

Z-112.00

### ZFA Deductions - Level 19

Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	4.5 SF
2	Mechanical	4.5 SF
3	Plumbing	6.5 SF
4	Mechanical	3.5 SF
5	Mechanical	3.5 SF
6	Plumbing	4.5 SF
7	Plumbing	2.5 SF
8	Plumbing	2.5 SF
9	Electrical	20.5 SF
10	Electrical	1.5 SF
11	Plumbing	7.5 SF
12	Mechanical	5.5 SF
13	Plumbing	4.5 SF
14	Mechanical	4.5 SF
15	Electrical	21.5 SF
16	Mechanical	5.5 SF
17	Plumbing	3.5 SF
18	Plumbing	7.5 SF
19	Mechanical	2.5 SF
20	Mechanical	4.5 SF
21	Plumbing	13.5 SF
22	Mechanical	4.5 SF
23	Mechanical	4.5 SF
24	Electrical	1.5 SF
25	Mechanical	6.5 SF
25	Plumbing	5.5 SF
26	Plumbing	7.5 SF
27	Plumbing	2.5 SF
28	Plumbing	2.5 SF
29	Electrical	14.5 SF
30	Electrical	1.5 SF
32	Electrical	1.5 SF
33	Mechanical	4.5 SF
34	Mechanical	10.5 SF
35	Plumbing	2.5 SF
36	Plumbing	7.5 SF
37	Electrical	1.5 SF
39	Electrical	24.5 SF
40	Mechanical	3.5 SF
40	Plumbing	13.5 SF
41	Plumbing	6.5 SF
42	Electrical	1.5 SF
43	Mechanical	8.5 SF
44	Mechanical	10.5 SF
45	Mechanical	6.5 SF
46	Plumbing	21.5 SF
47	Plumbing	2.5 SF
48	Mechanical	11.5 SF
49	Mechanical	4.5 SF
50	Plumbing	37.5 SF
51	Electrical	5.5 SF
53	Plumbing	52.5 SF
54	Stair Deduction	16.5 SF
55	Stair Deduction	16.5 SF
56	Fire Protection	4.5 SF
57	Fire Protection	3.5 SF
58	Plumbing	5.5 SF
59	Electrical	4.5 SF
61	Plumbing	6.5 SF
62	Electrical	1.5 SF
63	Plumbing	5.5 SF
64	Plumbing	3.5 SF
67	Mechanical	8.5 SF
68	Plumbing	14.5 SF
69	Mechanical	4.5 SF
70	Mechanical	4.5 SF
71	Plumbing	2.5 SF
74	Mechanical	11.5 SF
75	Plumbing	9.5 SF
76	Plumbing	2.5 SF
77	Plumbing	5.5 SF
78	Mechanical	19.5 SF
79	Plumbing	6.5 SF
80	Mechanical	10.5 SF
80	Electrical	1.5 SF
81	Mechanical	8.5 SF
82	Electrical	14.5 SF
84	Plumbing	7.5 SF
86	Plumbing	2.5 SF
87	Plumbing	2.5 SF
89	Mechanical	11.5 SF
91	Plumbing	6.5 SF
92	Plumbing	2.5 SF
93	Mechanical	5.5 SF
94	Plumbing	9.5 SF
95	Mechanical	5.5 SF
96	Electrical	13.5 SF
97	Electrical	1.5 SF
98	Electrical	1.5 SF
99	Electrical	1.5 SF
100	Plumbing	5.5 SF
101	Electrical	1.5 SF
102	Plumbing	3.5 SF
103	Mechanical	10.5 SF
104	Plumbing	2.5 SF
105	Mechanical	16.5 SF
Grand Total: 97		749 SF

19 - Gross Floor Area

14,630 SF

19 - Zoning Floor Area

Net 13,880 SF

### ZONING FLOOR AREA PLAN - LVL 19TH

**2**

1/8" = 1'-0"

### ZFA Deductions - Levels 12-18

Zoning Deduction #	Zoning Area Type	Deduction Area
1	Mechanical	4.5 SF
2	Mechanical	5.5 SF
3	Mechanical	4.5 SF
4	Mechanical	4.5 SF
5	Mechanical	4.5 SF
6	Mechanical	4.5 SF
7	Mechanical	4.5 SF
8	Mechanical	4.5 SF
9	Electrical	1.5 SF
10	Plumbing	4.5 SF
11	Plumbing	6.5 SF
13	Mechanical	5.5 SF
14	Electrical	1.5 SF
15	Electrical	20.5 SF
16	Plumbing	4.5 SF
17	Mechanical	5.5 SF
18	Plumbing	7.5 SF
19	Electrical	1.5 SF
21	Plumbing	1.5 SF
21	Electrical	3.5 SF
22	Mechanical	3.5 SF
23	Electrical	16.5 SF
24	Mechanical	3.5 SF
25	Electrical	1.5 SF
26	Plumbing	7.5 SF
27	Plumbing	3.5 SF
28	Electrical	1.5 SF
29	Mechanical	5.5 SF
30	Plumbing	3.5 SF
31	Plumbing	7.5 SF
32	Mechanical	3.5 SF
33	Plumbing	2.5 SF
34	Electrical	10.5 SF
35	Electrical	10.5 SF
36	Plumbing	3.5 SF
37	Mechanical	1.5 SF
38	Mechanical	1.5 SF
39	Plumbing	7.5 SF
40	Plumbing	7.5 SF
40	Mechanical	3.5 SF
42	Plumbing	3.5 SF
43	Electrical	2.5 SF
44	Mechanical	5.5 SF
45	Mechanical	2.5 SF
46	Plumbing	3.5 SF
47	Mechanical	3.5 SF
48	Plumbing	4.5 SF
49	Electrical	1.5 SF
51	Mechanical	5.5 SF
52	Plumbing	6.5 SF
53	Mechanical	1.5 SF
54	Plumbing	3.5 SF
55	Plumbing	3.5 SF
56	Electrical	10.5 SF
57	Electrical	19.5 SF
58	Electrical	7.5 SF
59	Recycle Storage	139.5 SF
60	Electrical	1.5 SF
61	Plumbing	12.5 SF
62	Mechanical	8.5 SF
63	Mechanical	3.5 SF
64	Plumbing	6.5 SF
65	Plumbing	2.5 SF
66	Mechanical	6.5 SF
67	Plumbing	2.5 SF
68	Fire Protection	3.5 SF
69	Stair Deduction	16.5 SF
70	Fire Protection	4.5 SF
71	Stair Deduction	13.5 SF
72	Plumbing	43.5 SF
73	Mechanical	42.5 SF
74	Plumbing	34.5 SF
75	Plumbing	5.5 SF
76	Plumbing	3.5 SF
77	Mechanical	1.5 SF
78	Plumbing	6.5 SF
79	Plumbing	3.5 SF
80	Electrical	1.5 SF
81	Mechanical	5.5 SF
82	Electrical	1.5 SF
83	Plumbing	6.5 SF
84	Mechanical	2.5 SF
85	Plumbing	2.5 SF
86	Mechanical	5.5 SF
87	Plumbing	3.5 SF
88	Plumbing	7.5 SF
89	Mechanical	5.5 SF
90	Mechanical	1.5 SF
91	Electrical	1.5 SF
92	Plumbing	8.5 SF
93	Electrical	19.5 SF
94	Mechanical	3.5 SF
95	Plumbing	2.5 SF
96	Electrical	1.5 SF
97	Mechanical	6.5 SF
98	Mechanical	5.5 SF
99	Plumbing	7.5 SF
100	Plumbing	3.5 SF
101	Mechanical	1.5 SF
102	Mechanical	4.5 SF
103	Mechanical	3.5 SF
104	Plumbing	6.5 SF
105	Mechanical	5.5 SF
106	Mechanical	5.5 SF
107	Mechanical	1.5 SF
108	Electrical	1.5 SF
109	Plumbing	4.5 SF
110	Electrical	1.5 SF
Grand Total: 109		744 SF

12-18 - Gross Floor Area

14,630 SF

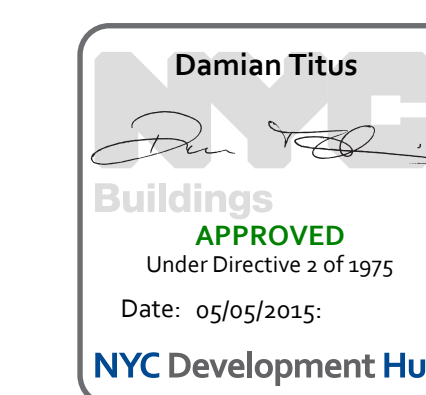
12-18 - Zoning Floor Area

Net 13,886 SF

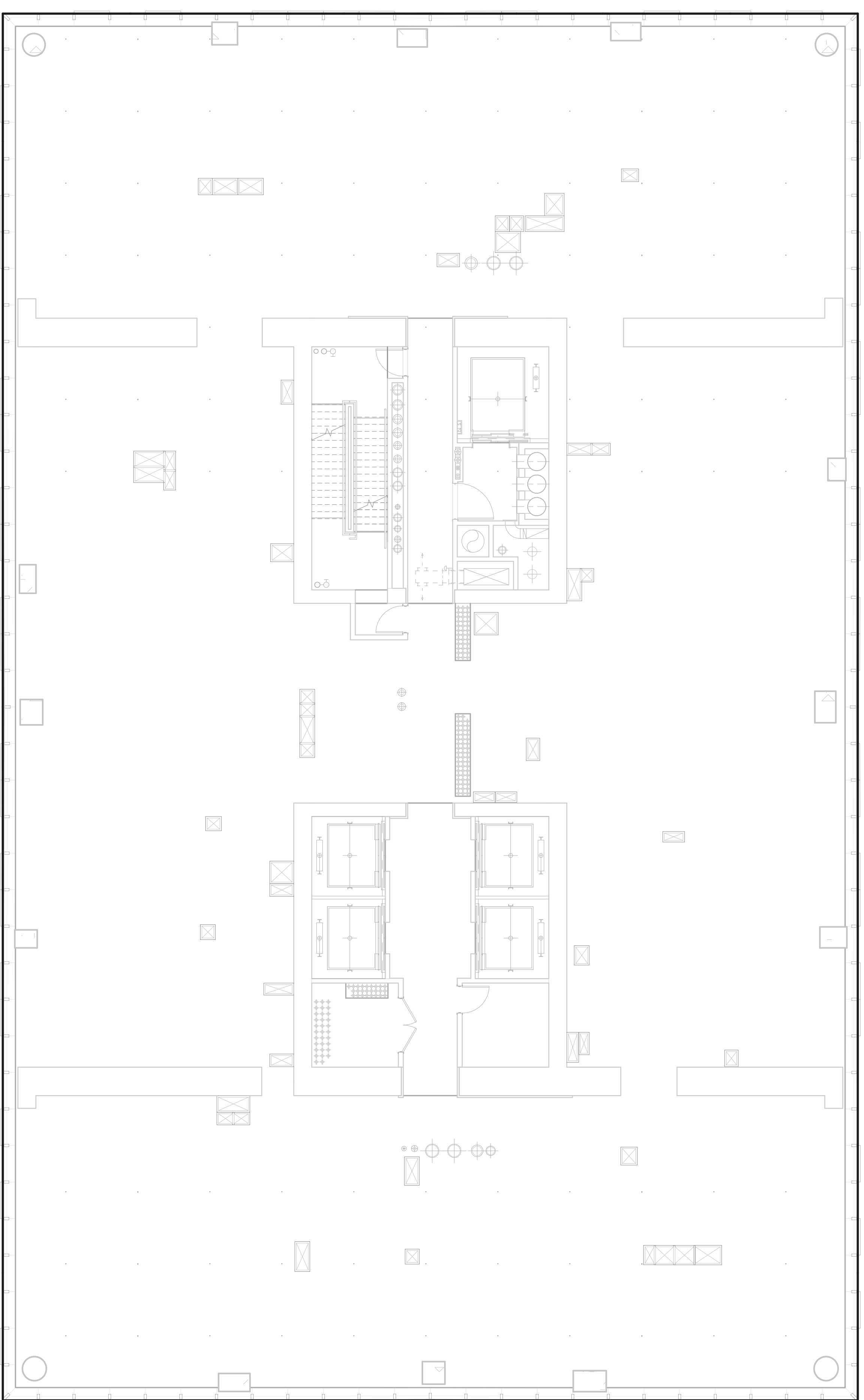
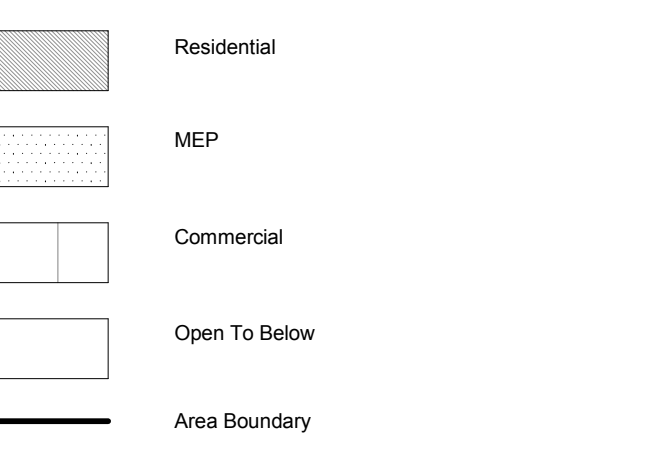
### ZONING FLOOR AREA PLAN - LVL 12TH-18TH

**1**

1/8" = 1'-0"



**ZONING USE KEY / LEGEND**

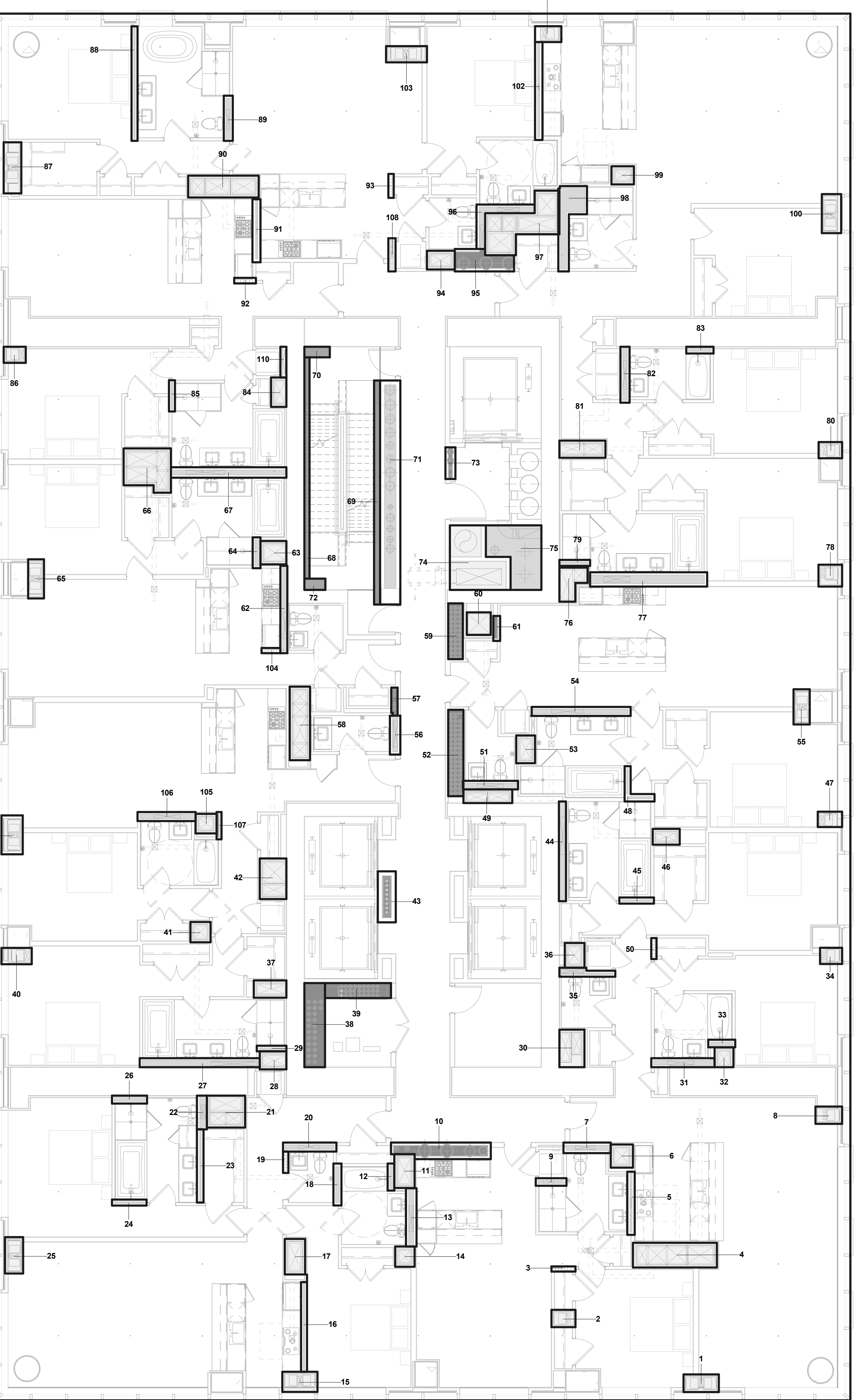


ZFA Deductions - Levels 20-35		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	5 SF
2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	19 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	8 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	4 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	15 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Mechanical	13 SF
28	Mechanical	6 SF
29	Plumbing	2 SF
30	Mechanical	12 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	21 SF
39	Electrical	12 SF
40	Mechanical	6 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	5 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	16 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	18 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	15 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Plumbing	96 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	6 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	10 SF
82	Plumbing	6 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	8 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	3 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
Grand Total: 110		956 SF
25 - Gross Floor Area		
Net		14,630 SF
25 - Zoning Floor Area		
Net		13,674 SF

**ZONING FLOOR AREA PLAN - LVL 25TH**

**2**

1/8" = 1'-0"



ZFA Deductions - Levels 20-35		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	5 SF
2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	19 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	8 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	4 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	15 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Mechanical	13 SF
28	Mechanical	6 SF
29	Plumbing	2 SF
30	Mechanical	12 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	21 SF
39	Electrical	12 SF
40	Mechanical	6 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	5 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	16 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	18 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	15 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Plumbing	96 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	6 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	10 SF
82	Plumbing	6 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	8 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	3 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
Grand Total: 110		956 SF
20-24 - Gross Floor Area		
Net		14,629 SF
20-24 - Zoning Floor Area		
Net		13,673 SF

**ZONING FLOOR AREA PLAN - LVL 20TH-24TH**

**1**

1/8" = 1'-0"

15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Immanuel Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.295.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, NY 10001  
T: 212.269.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9888

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

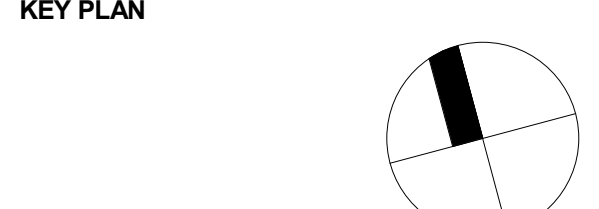
**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 924  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave, #8  
New York, NY 10018  
T: 212-270-1776

**LANDSCAPE DESIGNER:**  
Nelson Beitz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-2270

**SHIELD NOTES:**



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED DD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.09.2013
EXTERIOR WALL PRELIM BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL DD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV.1	06.20.2014
FINAL DD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

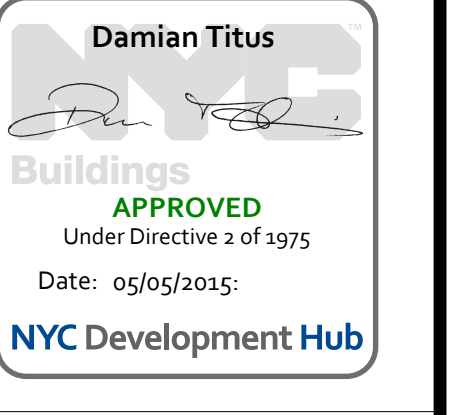
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1/19/2015 3:33:11 PM

DRAWING SCALE  
As indicated

PROJECT NUMBER

TITLE  
Zoning Floor Area Plans\_20-25

DRAWING NO.  
**Z-120.00**



**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.269.7071

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

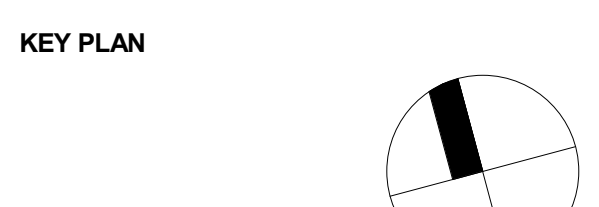
**VERTICAL TRANSPORTATION:**  
VDA  
2 Regent Street, Suite 524  
Lampington, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

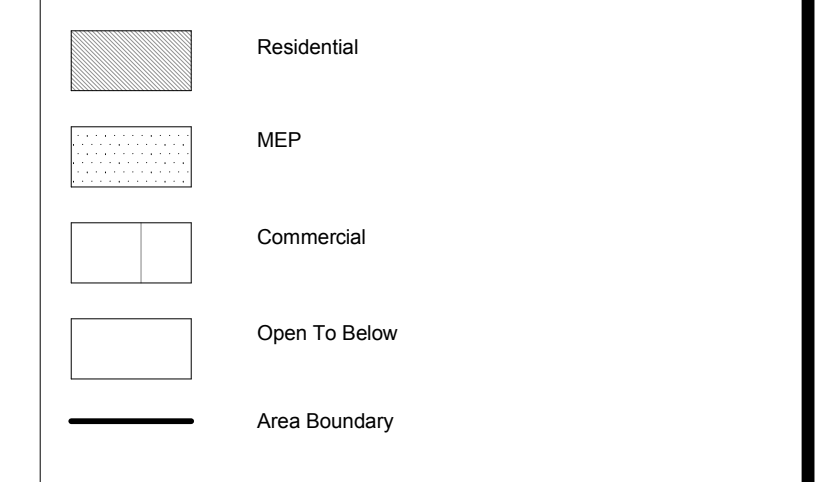
**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.707.1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**SHEET NOTES:**

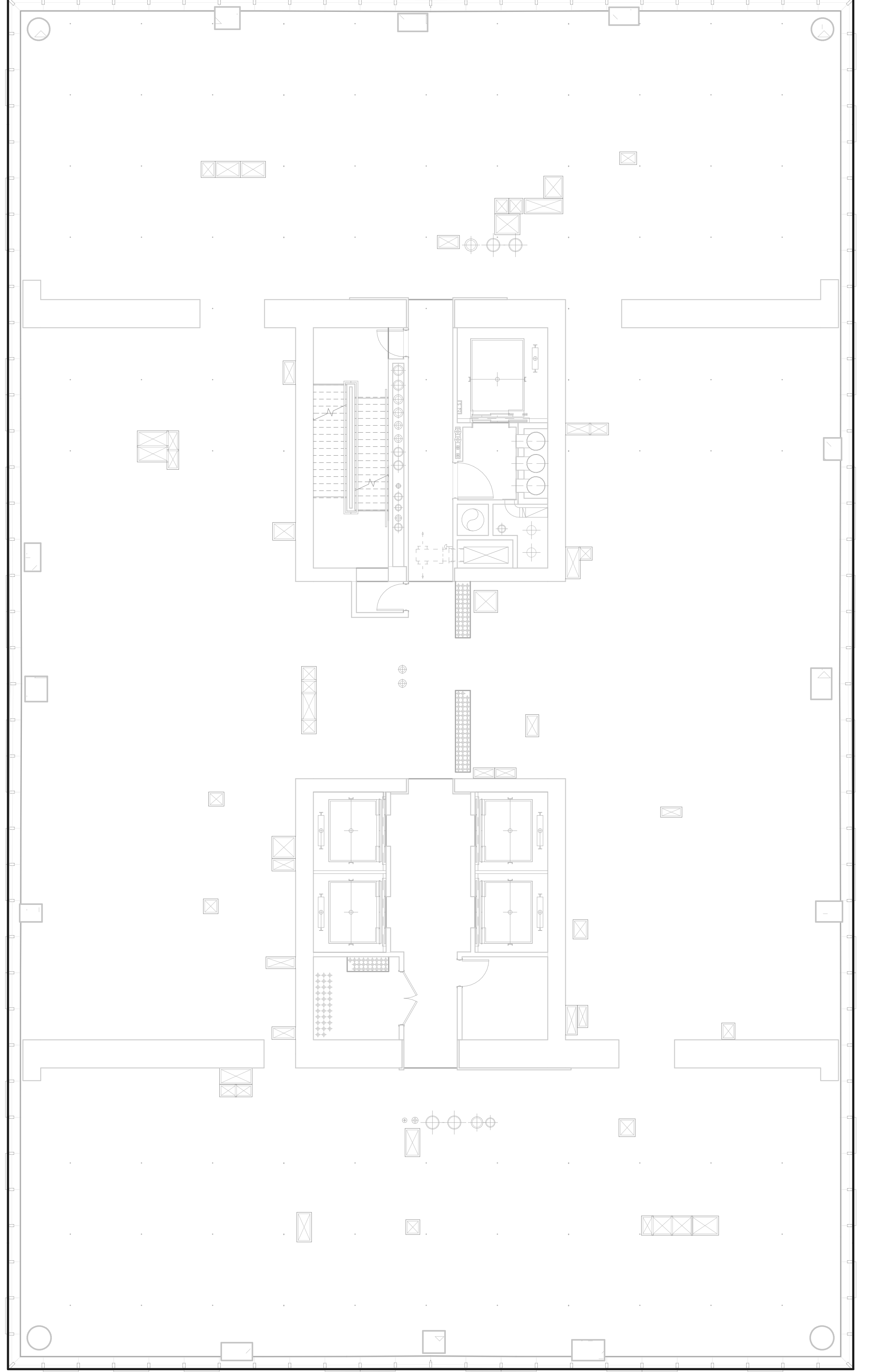
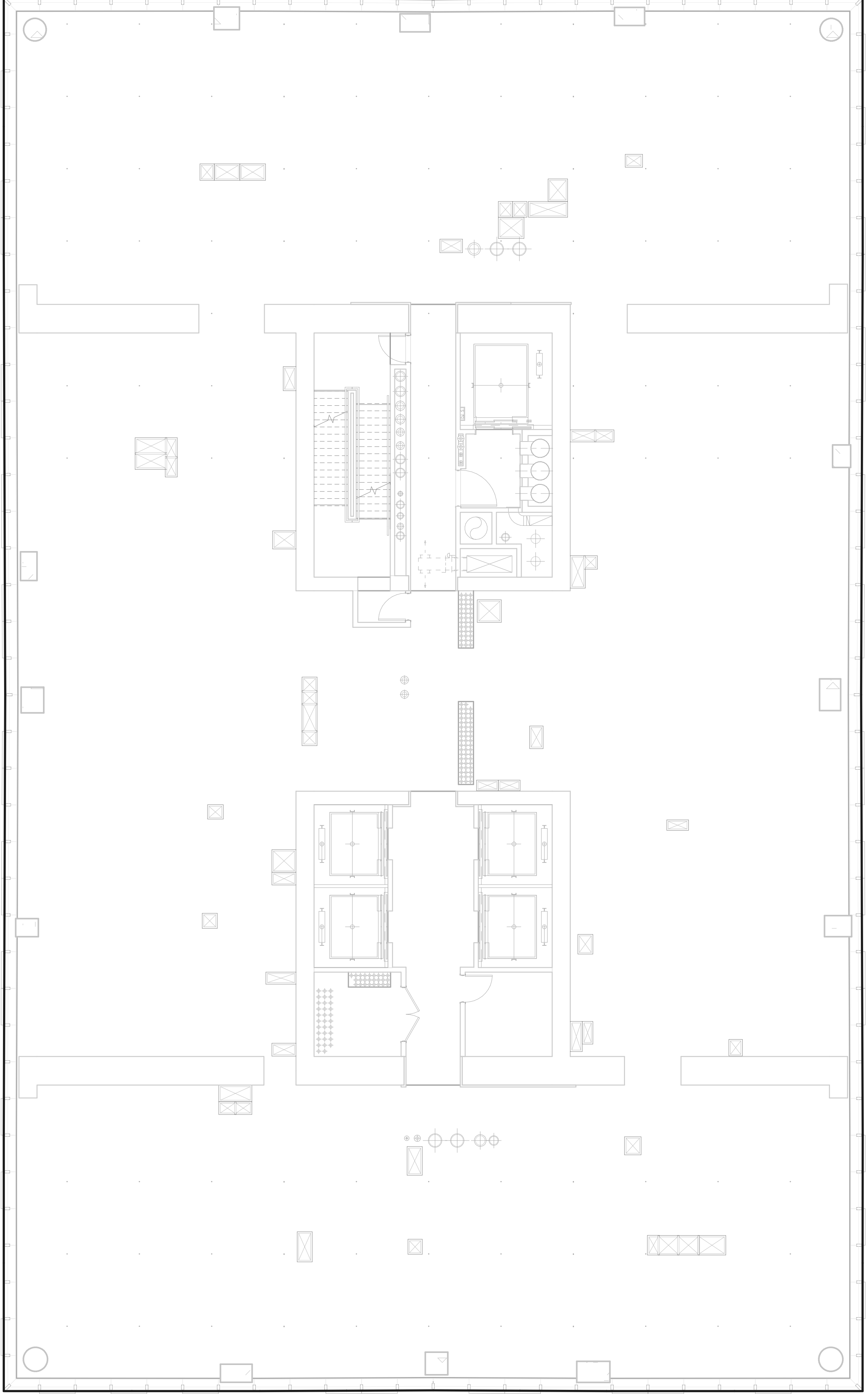


**ZONING USE KEY / LEGEND**



ZFA Deductions - Levels 20-35		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	8 SF
2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	19 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	8 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	2 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	15 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Plumbing	13 SF
28	Mechanical	8 SF
29	Plumbing	3 SF
30	Mechanical	12 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	29 SF
39	Electrical	13 SF
40	Mechanical	6 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	9 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	16 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	14 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	16 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Plumbing	56 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	8 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	10 SF
82	Plumbing	6 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	8 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	7 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
Grand Total: 110		966 SF
27 - Gross Floor Area		14,610 SF
27- Zoning Floor Area		13,654 SF

ZFA Deductions - Levels 20-35		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	8 SF
2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	19 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	8 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	2 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	15 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Plumbing	13 SF
28	Mechanical	8 SF
29	Plumbing	3 SF
30	Mechanical	12 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	29 SF
39	Electrical	13 SF
40	Mechanical	6 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	9 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	16 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	14 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	16 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Plumbing	56 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	8 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	10 SF
82	Plumbing	6 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	8 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	7 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
Grand Total: 110		966 SF
26 - Gross Floor Area		14,629 SF
26- Zoning Floor Area		13,673 SF



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1/19/2015 3:33:29 PM

DRAWING SCALE  
As indicated

PROJECT NUMBER

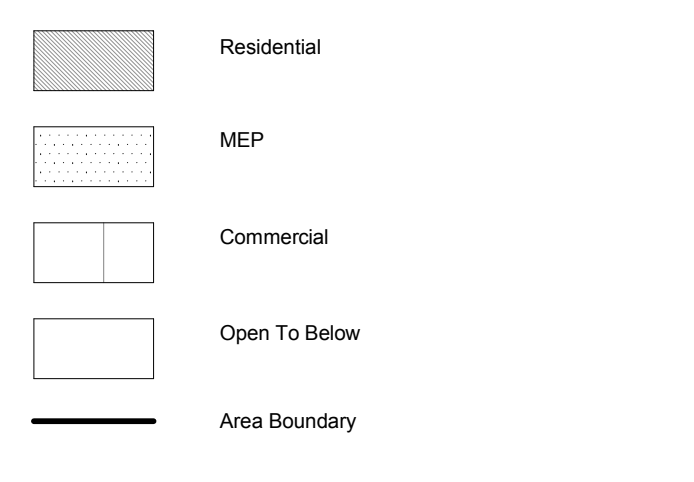
TITLE  
Zoning Floor Area Plans\_26-27

DRAWING NO.  
**Z-126.00**





**ZONING USE KEY / LEGEND**



**15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.**

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Immanuel Leva Architects  
48 West 27th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.269.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E. 45th Street  
New York, NY 10017  
T: 212.697.8988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530.9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689.5398

**VERTICAL TRANSPORTATION:**  
VDA  
2 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-770-1776

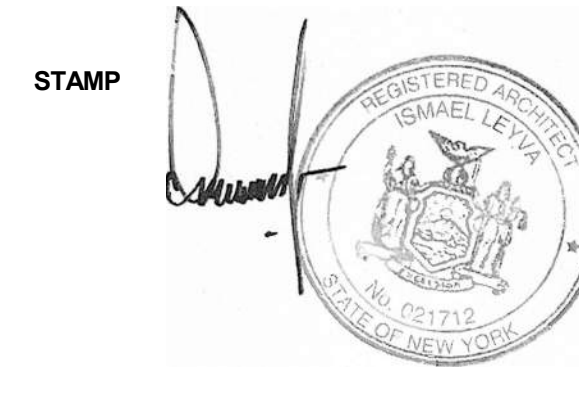
**LANDSCAPE DESIGNER:**  
Melrose Bird Note  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-2270

**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL BID ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL BID ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/19/2015 3:33:48 PM

**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
Zoning Floor Area Plans\_28-29

**DRAWING NO.:**  
**Z-128.00**

ZFA Deductions - Levels 20-35

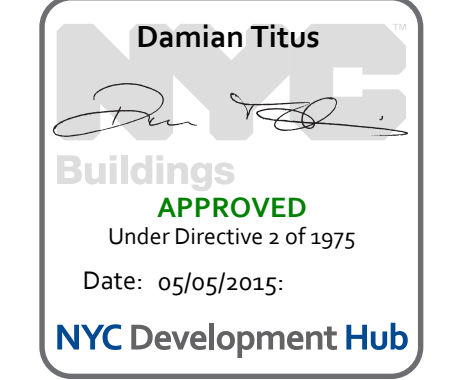
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	8 SF
2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	10 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	8 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	4 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	15 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Plumbing	13 SF
28	Mechanical	6 SF
29	Plumbing	2 SF
30	Mechanical	10 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	21 SF
39	Electrical	12 SF
40	Mechanical	8 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	5 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	16 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	18 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	15 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Fire Protection	56 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	6 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	10 SF
82	Plumbing	2 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	8 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	3 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
<b>Grand Total: 110</b>		<b>956 SF</b>
<b>29 - Gross Floor Area</b>		
		<b>14,602 SF</b>
<b>29 - Zoning Floor Area</b>		
		<b>13,646 SF</b>

ZFA Deductions - Levels 20-35

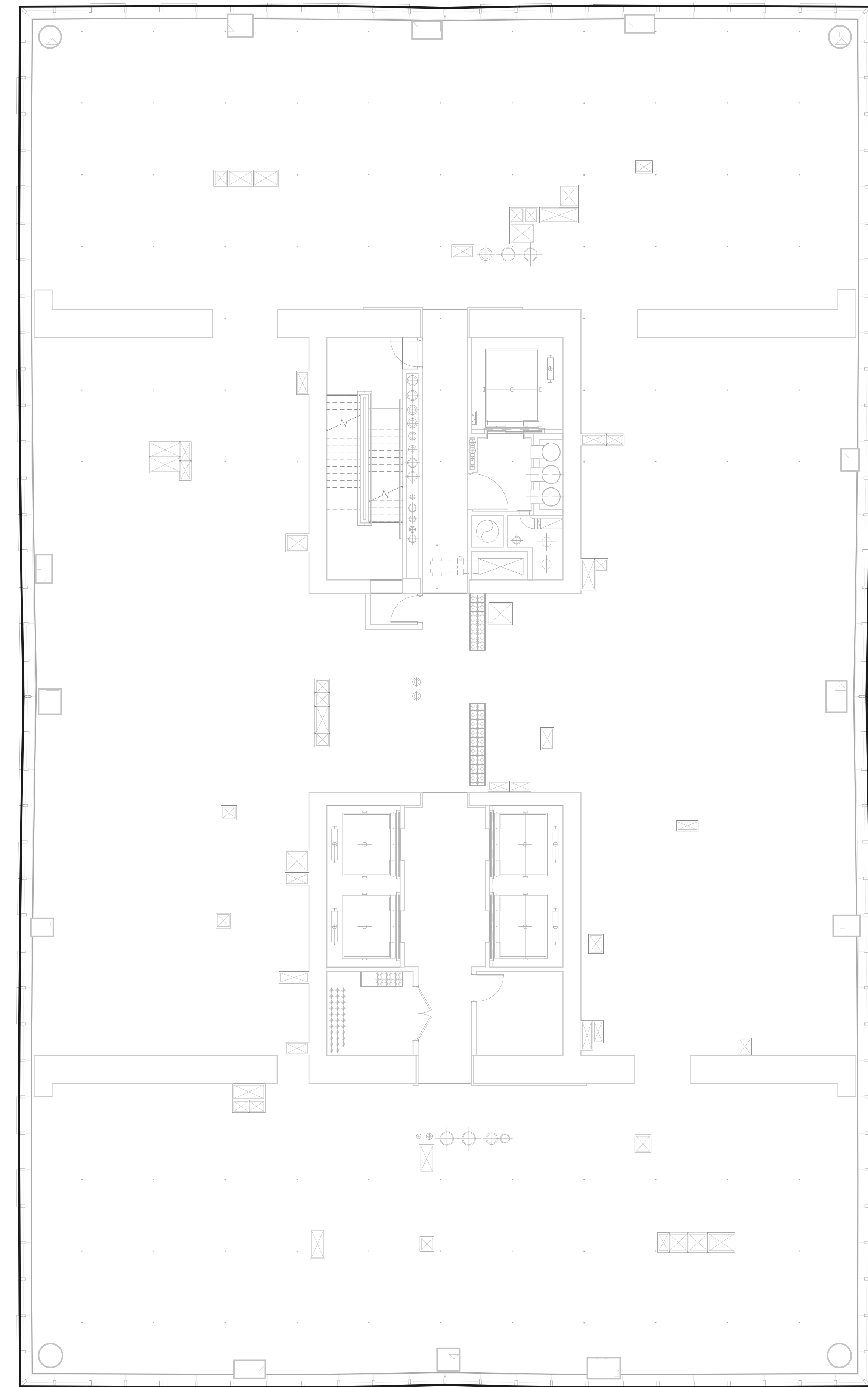
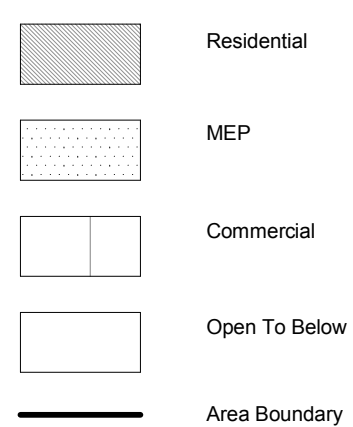
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	8 SF
2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	10 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	8 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	4 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	15 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Plumbing	13 SF
28	Mechanical	6 SF
29	Plumbing	2 SF
30	Mechanical	10 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	21 SF
39	Electrical	12 SF
40	Mechanical	8 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	5 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	16 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	18 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	15 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Fire Protection	56 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	6 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	10 SF
82	Plumbing	2 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	8 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	3 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
<b>Grand Total: 110</b>		<b>956 SF</b>
<b>28 - Gross Floor Area</b>		
		<b>14,609 SF</b>
<b>28 - Zoning Floor Area</b>		
		<b>13,653 SF</b>

**ZONING FLOOR AREA PLAN - LVL 29** **2**  
1/8" = 1'-0"

**ZONING FLOOR AREA PLAN - LVL 28** **1**  
1/8" = 1'-0"



ZONING USE KEY / LEGEND



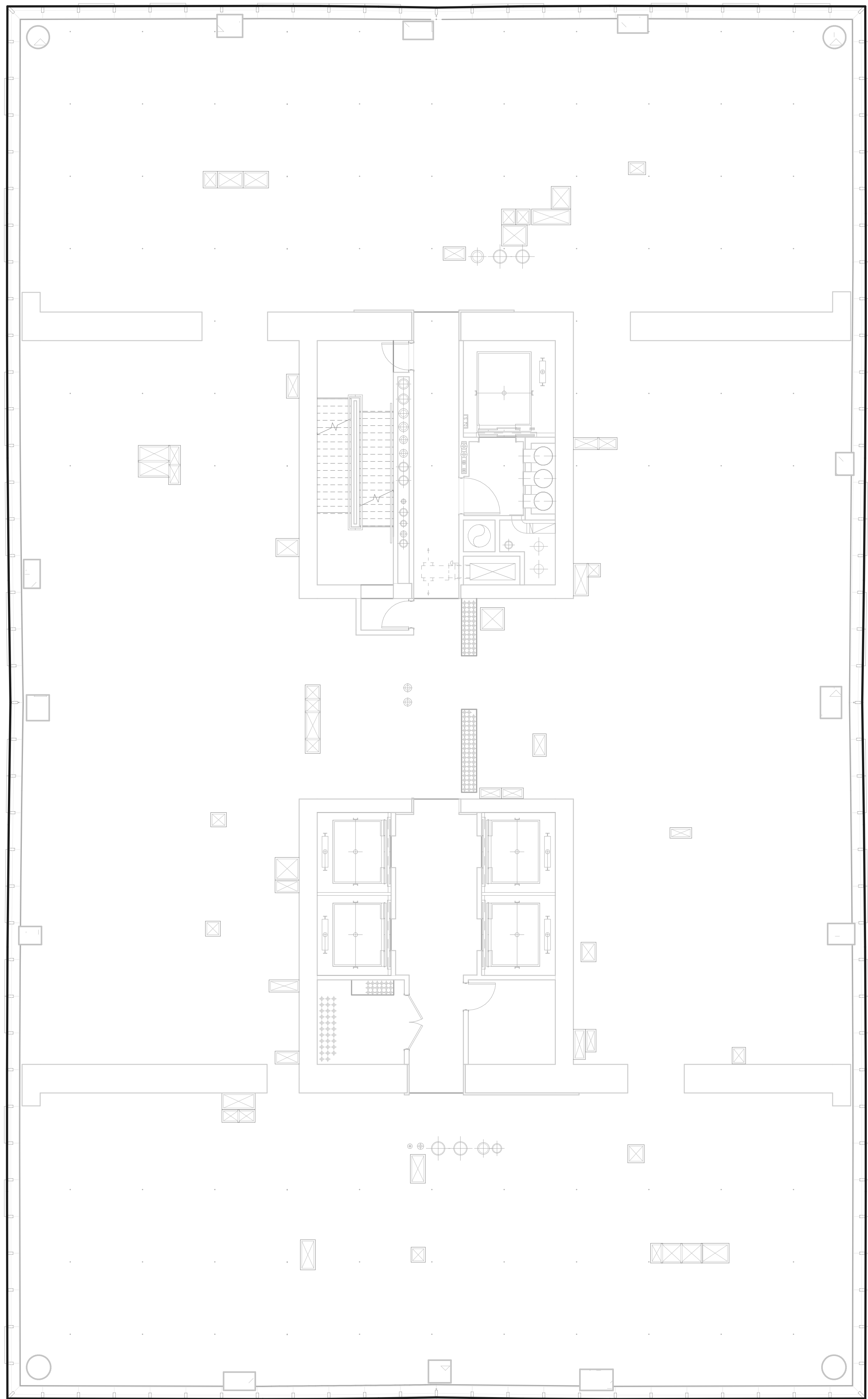
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	8 SF
2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	19 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	8 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	4 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	15 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Plumbing	13 SF
28	Mechanical	6 SF
29	Plumbing	2 SF
30	Mechanical	12 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	12 SF
39	Electrical	12 SF
40	Mechanical	6 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	5 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	16 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	8 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	15 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Plumbing	56 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	8 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	10 SF
82	Plumbing	6 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	8 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	3 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
Grand Total: 110		956 SF

31 - Gross Floor Area	14,593 SF
31 - Zoning Floor Area	13,628 SF

ZONING FLOOR AREA PLAN - LVL 31

2

1/8" = 1'-0"



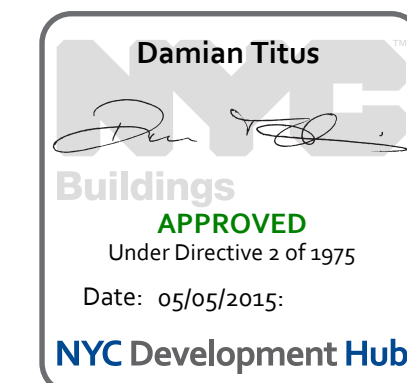
Zoning Deduction #	Zoning Area Type	GFA
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2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	19 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	8 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	4 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	15 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Plumbing	13 SF
28	Mechanical	6 SF
29	Plumbing	2 SF
30	Mechanical	12 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	12 SF
39	Electrical	12 SF
40	Mechanical	6 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	5 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	16 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	8 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	15 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Plumbing	56 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	8 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	10 SF
82	Plumbing	6 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	8 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	3 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
Grand Total: 110		956 SF

30 - Gross Floor Area	14,593 SF
30 - Zoning Floor Area	13,637 SF

ZONING FLOOR AREA PLAN - LVL 30

1

1/8" = 1'-0"



15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

OWNER:  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000  
EXECUTIVE ARCHITECT:  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

DESIGNER:  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, NY 10001  
T: 212.260.7971

DESIGNER:  
Rockwell Group  
5 Union Square, West  
New York, New York, 10003  
T: 212.463-0334

STRUCTURAL ENGINEER:  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.5988

MEP ENGINEER:  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530.9300

EXTERIOR WALL CONSULTANT:  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5388

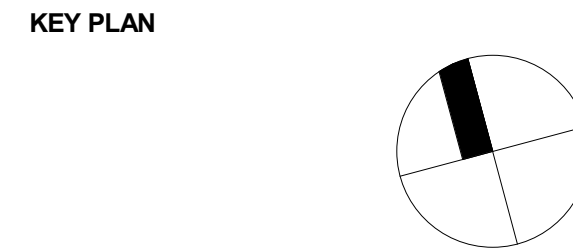
VERTICAL TRANSPORTATION:  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

LEED CONSULTANT:  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

ACOUSTICAL CONSULTANTS:  
GERAM & ASSOCIATES INC.  
404 5th Ave, 8B  
New York, NY 10018  
T: 212.370-1776

LANDSCAPE DESIGNER:  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212.250-2270

SHEET NOTES:



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV.1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015




DATE OF PRINT  
1/19/2015 3:34:07 PM  
DRAWING SCALE  
As indicated  
PROJECT NUMBER

TITLE  
Zoning Floor Area Plans\_30-31

DRAWING NO.

Z-130.00

### 15 HUDSON YARDS a.k.a. 553 W 30TH STREET, NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York, 10001  
T: 212.269.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York, 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
VSP Cantor Seltman  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10003  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

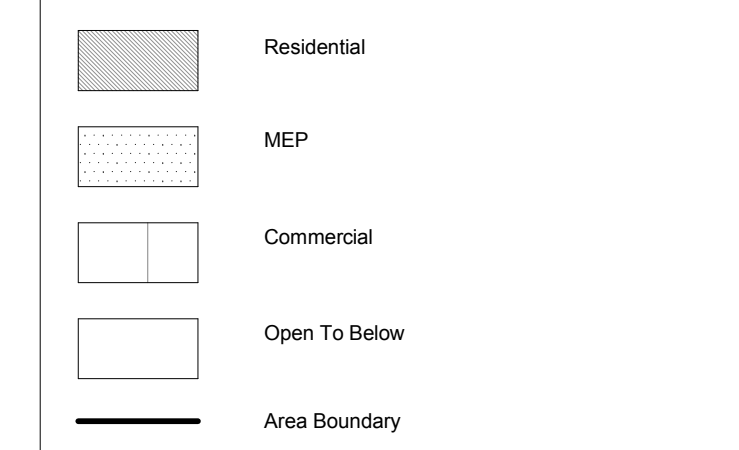
**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212-370-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-2270

#### ZONING USE KEY / LEGEND



ZFA Deductions - Levels 20-35		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	8 SF
2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	19 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	6 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	4 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	19 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Plumbing	13 SF
28	Mechanical	6 SF
29	Plumbing	2 SF
30	Mechanical	12 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	21 SF
39	Electrical	12 SF
40	Mechanical	6 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	5 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	18 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	18 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	15 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Plumbing	56 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	6 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	19 SF
82	Plumbing	9 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	9 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	3 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
Grand total: 110		956 SF
33 - Gross Floor Area		14,562 SF
33 - Zoning Floor Area		13,606 SF

ZONING FLOOR AREA PLAN - LVL 33

2

1/8" = 1'-0"

ZFA Deductions - Levels 20-35		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	8 SF
2	Mechanical	5 SF
3	Electrical	2 SF
4	Mechanical	26 SF
5	Plumbing	6 SF
6	Mechanical	6 SF
7	Plumbing	6 SF
8	Mechanical	6 SF
9	Plumbing	3 SF
10	Electrical	19 SF
11	Mechanical	8 SF
12	Plumbing	2 SF
13	Plumbing	6 SF
14	Mechanical	5 SF
15	Mechanical	9 SF
16	Plumbing	7 SF
17	Mechanical	9 SF
18	Plumbing	4 SF
19	Electrical	1 SF
20	Plumbing	6 SF
21	Mechanical	19 SF
22	Plumbing	4 SF
23	Plumbing	6 SF
24	Plumbing	3 SF
25	Mechanical	8 SF
26	Plumbing	3 SF
27	Plumbing	13 SF
28	Mechanical	6 SF
29	Plumbing	2 SF
30	Mechanical	12 SF
31	Plumbing	7 SF
32	Mechanical	5 SF
33	Plumbing	2 SF
34	Mechanical	4 SF
35	Plumbing	5 SF
36	Mechanical	6 SF
37	Mechanical	7 SF
38	Electrical	21 SF
39	Electrical	12 SF
40	Mechanical	6 SF
41	Mechanical	5 SF
42	Mechanical	13 SF
43	Electrical	11 SF
44	Plumbing	9 SF
45	Plumbing	3 SF
46	Mechanical	5 SF
47	Mechanical	5 SF
48	Plumbing	5 SF
49	Mechanical	8 SF
50	Electrical	1 SF
51	Plumbing	6 SF
52	Electrical	18 SF
53	Mechanical	6 SF
54	Plumbing	11 SF
55	Mechanical	7 SF
56	Plumbing	5 SF
57	Electrical	2 SF
58	Mechanical	18 SF
59	Electrical	10 SF
60	Mechanical	7 SF
61	Electrical	2 SF
62	Plumbing	8 SF
63	Mechanical	7 SF
64	Plumbing	3 SF
65	Mechanical	8 SF
66	Mechanical	23 SF
67	Plumbing	15 SF
68	Stair Deduction	14 SF
69	Stair Deduction	17 SF
70	Fire Protection	3 SF
71	Plumbing	56 SF
72	Fire Protection	3 SF
73	Electrical	4 SF
74	Mechanical	39 SF
75	Plumbing	34 SF
76	Mechanical	9 SF
77	Plumbing	21 SF
78	Mechanical	6 SF
79	Plumbing	2 SF
80	Mechanical	5 SF
81	Mechanical	19 SF
82	Plumbing	9 SF
83	Plumbing	2 SF
84	Mechanical	6 SF
85	Plumbing	2 SF
86	Mechanical	4 SF
87	Mechanical	11 SF
88	Plumbing	8 SF
89	Plumbing	5 SF
90	Mechanical	19 SF
91	Plumbing	6 SF
92	Electrical	1 SF
93	Electrical	2 SF
94	Mechanical	6 SF
95	Electrical	14 SF
96	Plumbing	10 SF
97	Mechanical	33 SF
98	Plumbing	17 SF
99	Mechanical	5 SF
100	Mechanical	9 SF
101	Mechanical	5 SF
102	Plumbing	9 SF
103	Mechanical	9 SF
104	Electrical	1 SF
105	Mechanical	5 SF
106	Plumbing	6 SF
107	Electrical	2 SF
108	Mechanical	3 SF
109	Mechanical	10 SF
110	Mechanical	2 SF
Grand total: 110		956 SF
32 - Gross Floor Area		14,574 SF
32 - Zoning Floor Area		13,618 SF

ZONING FLOOR AREA PLAN - LVL 32TH

1

1/8" = 1'-0"



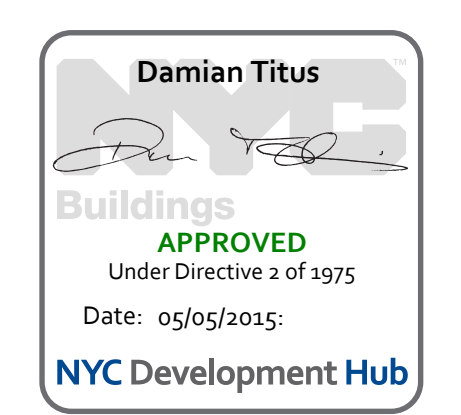
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SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.25.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV.1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



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1/19/2015 3:34:26 PM

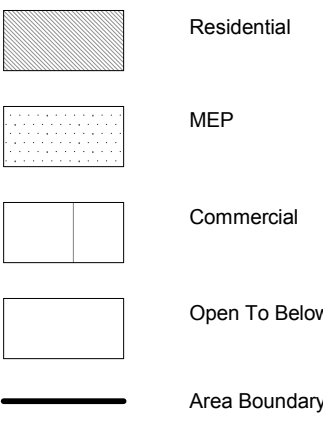
DRAWING SCALE  
As indicated

PROJECT NUMBER



TITLE  
Zoning Floor Area Plans\_32-33

DRAWING NO.  
Z-132.00



OWNER:  
Related Companies  
60 Columbus Circle  
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DESIGNER:  
Rockwell Group  
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T: 212.689-5398

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T: 973-994-9220

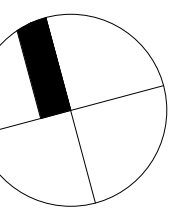
LEED CONSULTANT:  
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360 Park Avenue South, 15th Floor  
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T: 203-299-1411

ACOUSTICAL CONSULTANTS:  
GERAM & ASSOCIATES INC.  
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LANDSCAPE DESIGNER:  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 920  
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T: 212.269-2270

SHEET NOTES:

KEY PLAN



ISSUE SET

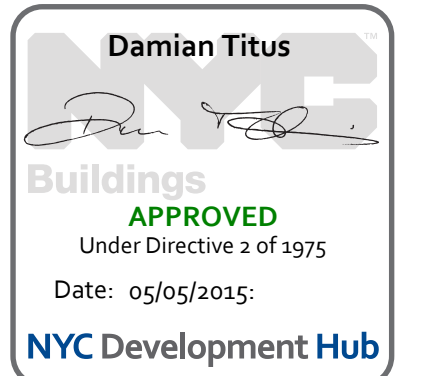
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DESIGN DEVELOPMENT SET 12.22.2014  
UPDATED DOB SET 01.20.2015

STAMP



DATE OF PRINT: 1/19/2015 3:34:40 PM  
DRAWING SCALE: As indicated  
PROJECT NUMBER:  
TITLE: Zoning Floor Area Plans\_34-35  
DRAWING NO.:

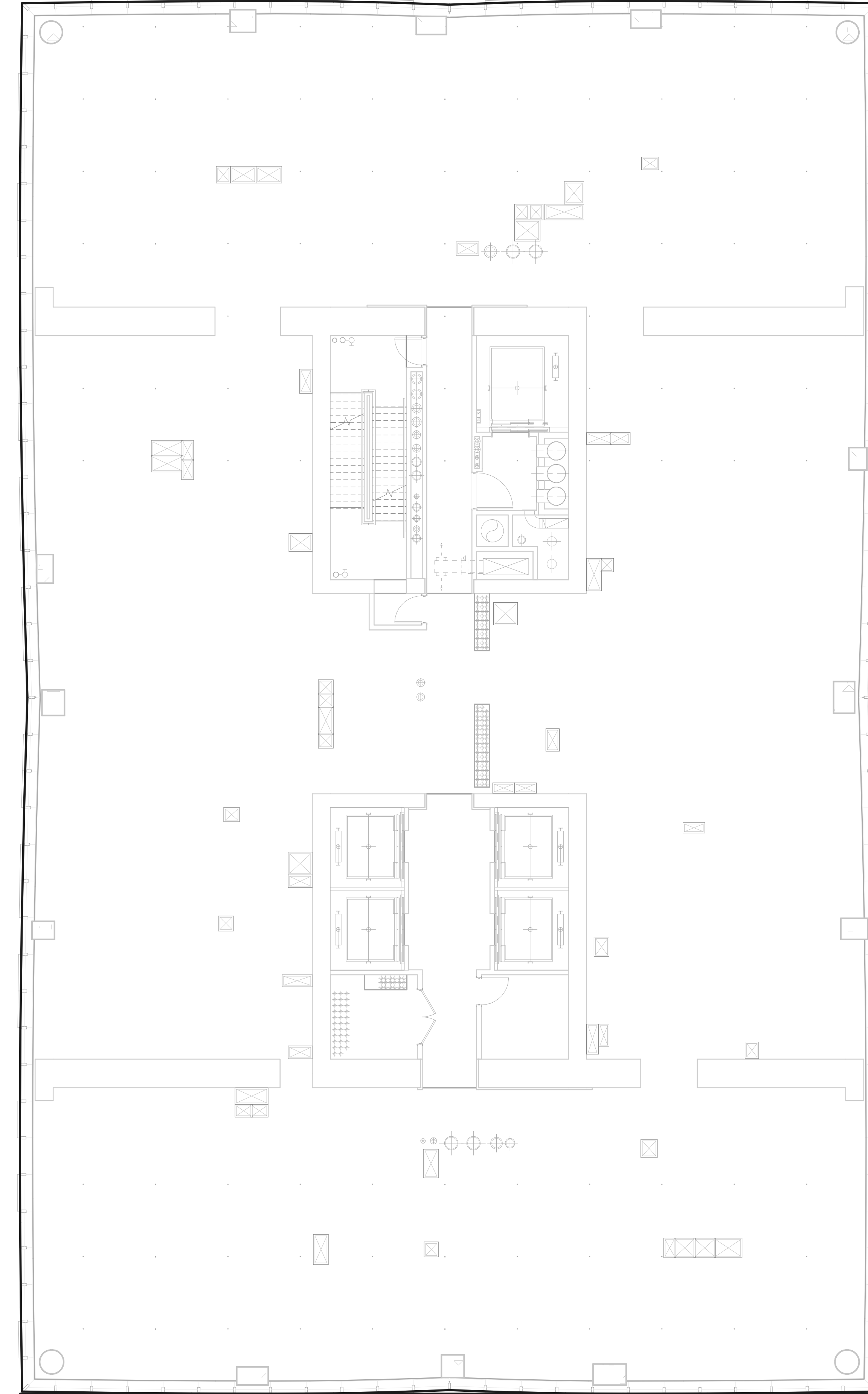


Z-134.00

ZFA Deductions - Levels 20-35 table for LVL 34. Lists Zoning Deduction #, Zoning Area Type, and GFA for items 1 through 110, including a grand total of 13,592 SF.

Summary table for LVL 34: 34 - Gross Floor Area 14,548 SF; 34 - Zoning Floor Area 13,592 SF.

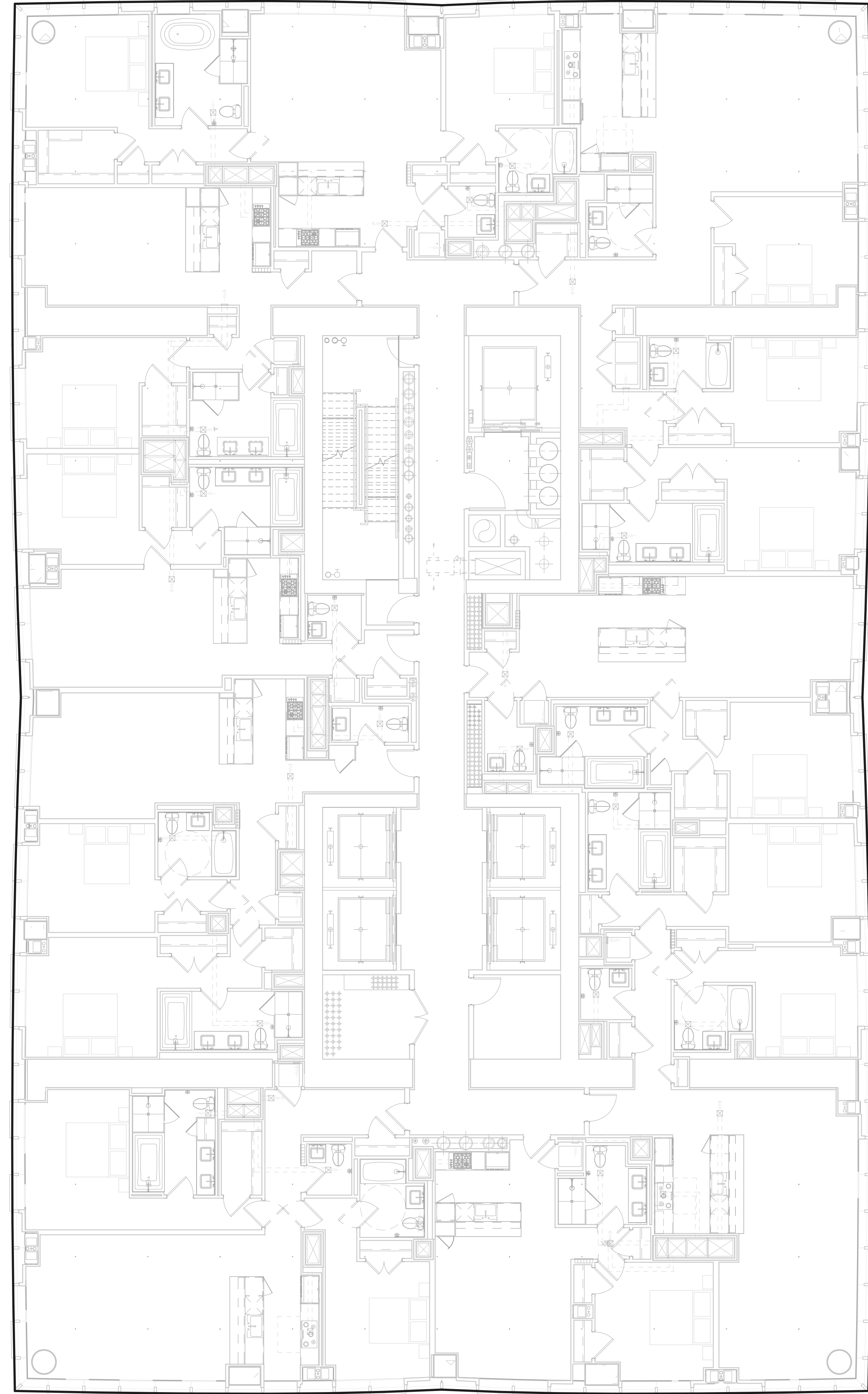
ZONING FLOOR AREA PLAN - LVL 34TH 1 1/8" = 1'-0"



ZFA Deductions - Levels 20-35 table for LVL 35. Lists Zoning Deduction #, Zoning Area Type, and GFA for items 1 through 110, including a grand total of 13,578 SF.

Summary table for LVL 35: 35 - Gross Floor Area 14,534 SF; 35 - Zoning Floor Area 13,578 SF.

ZONING FLOOR AREA PLAN - LVL 35TH 2 1/8" = 1'-0"



ZONING USE KEY / LEGEND

- Residential
- MEP
- Commercial
- Open To Below
- Area Boundary

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
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60 Columbus Circle  
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**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

**DATE OF PRINT:**  
1/19/2015 3:35:14 PM

**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
Zoning Floor Area Plans\_36-37

**DRAWING NO.:**

**Z-136.00**

ZFA Deductions - Level 37

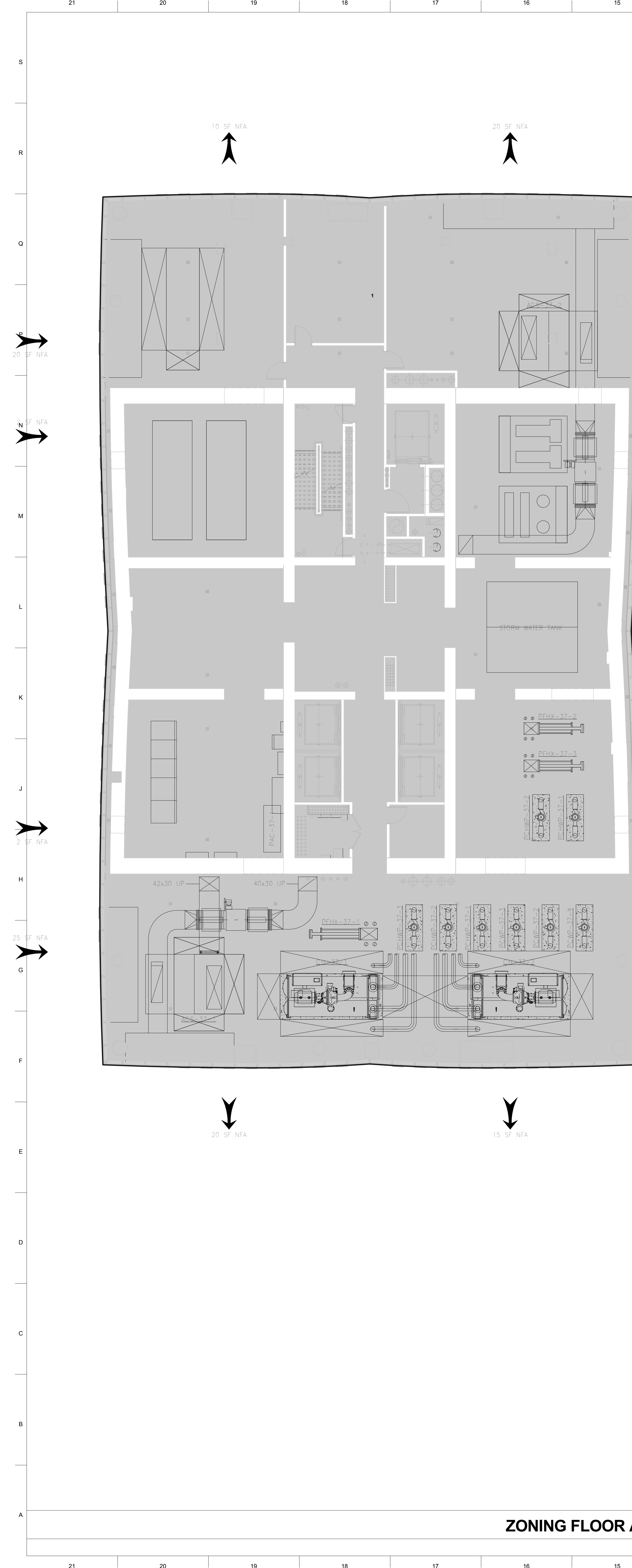
Zoning Deduction #	Zoning Area Type	GFA
1	MEFPF	14,476 SF
Grand total:		14,476 SF

37 - Gross Floor Area		
1	MEFPF	14,476 SF
37 - Zoning Floor Area		
0 SF		

ZFA Deductions - Level 36

Zoning Deduction #	Zoning Area Type	GFA
1	MEFPF	14,506 SF
Grand total:		14,506 SF

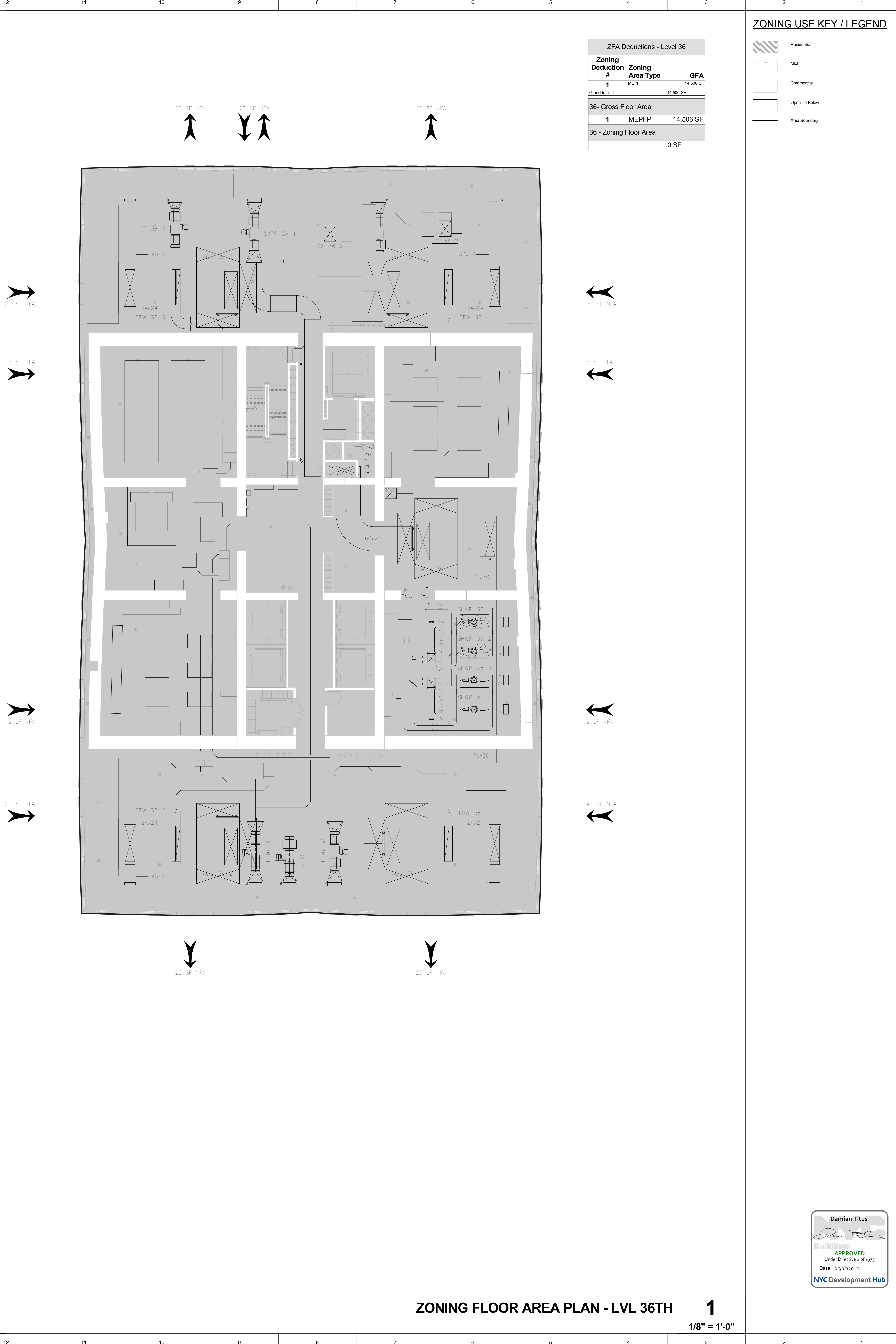
36 - Gross Floor Area		
1	MEFPF	14,506 SF
36 - Zoning Floor Area		
0 SF		



**ZONING FLOOR AREA PLAN - LVL 37TH**

**2**

1/8" = 1'-0"



**ZONING FLOOR AREA PLAN - LVL 36TH**

**1**

1/8" = 1'-0"

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**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

**DATE**

SCHEMATIC DESIGN ISSUE 02.15.2013

REVISED BID ISSUE 05.06.2013

EXTERIOR WALL 75% DD 09.05.2013

EXTERIOR WALL PRELIM. BID 11.05.2013

D.O.B. INITIAL FILING 11.22.2013

FINAL SD ISSUE 11.25.2013

EXTERIOR WALL BID SET 01.27.2014

E.W. BID SET ADDENDUM 1 03.05.2014

FOUNDATION BID SET 06.02.2014

FOUNDATION BID SET REV.1 06.20.2014

FINAL SD ISSUE - REVISED 08.28.2014

SUPERSTRUCTURE BID SET 11.17.2014

DD PHASE PROGRESS DWGS

DESIGN DEVELOPMENT SET 12.22.2014

UPDATED DOB SET 01.20.2015

STAMP

DATE OF PRINT 1/19/2015 3:35:41 PM

DRAWING SCALE As indicated

PROJECT NUMBER

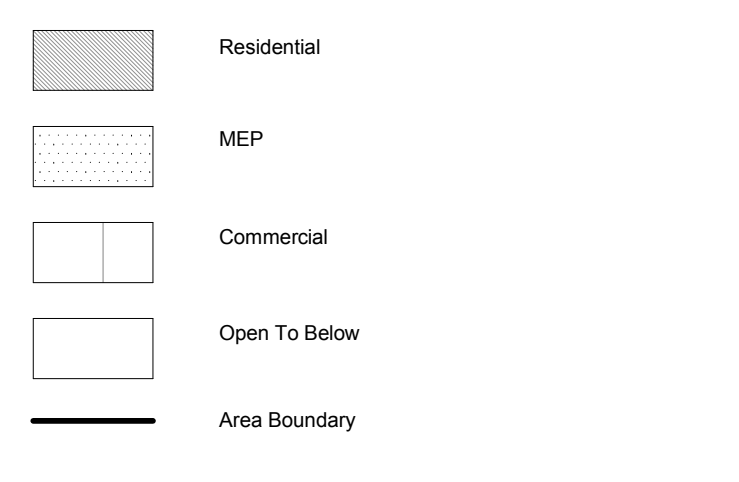
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Zoning Floor Area Plans\_38-39

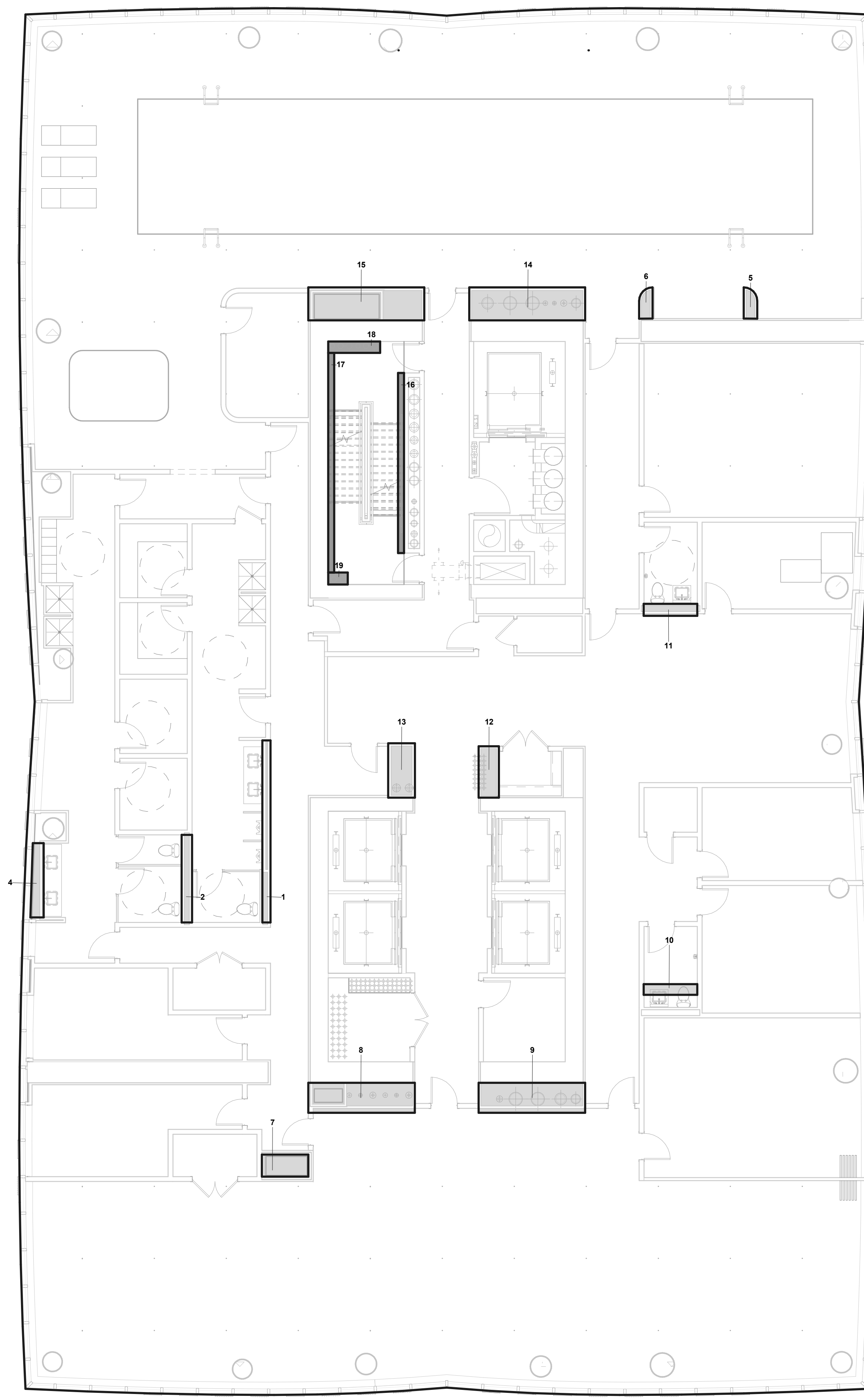
DRAWING NO.

Z-138.00

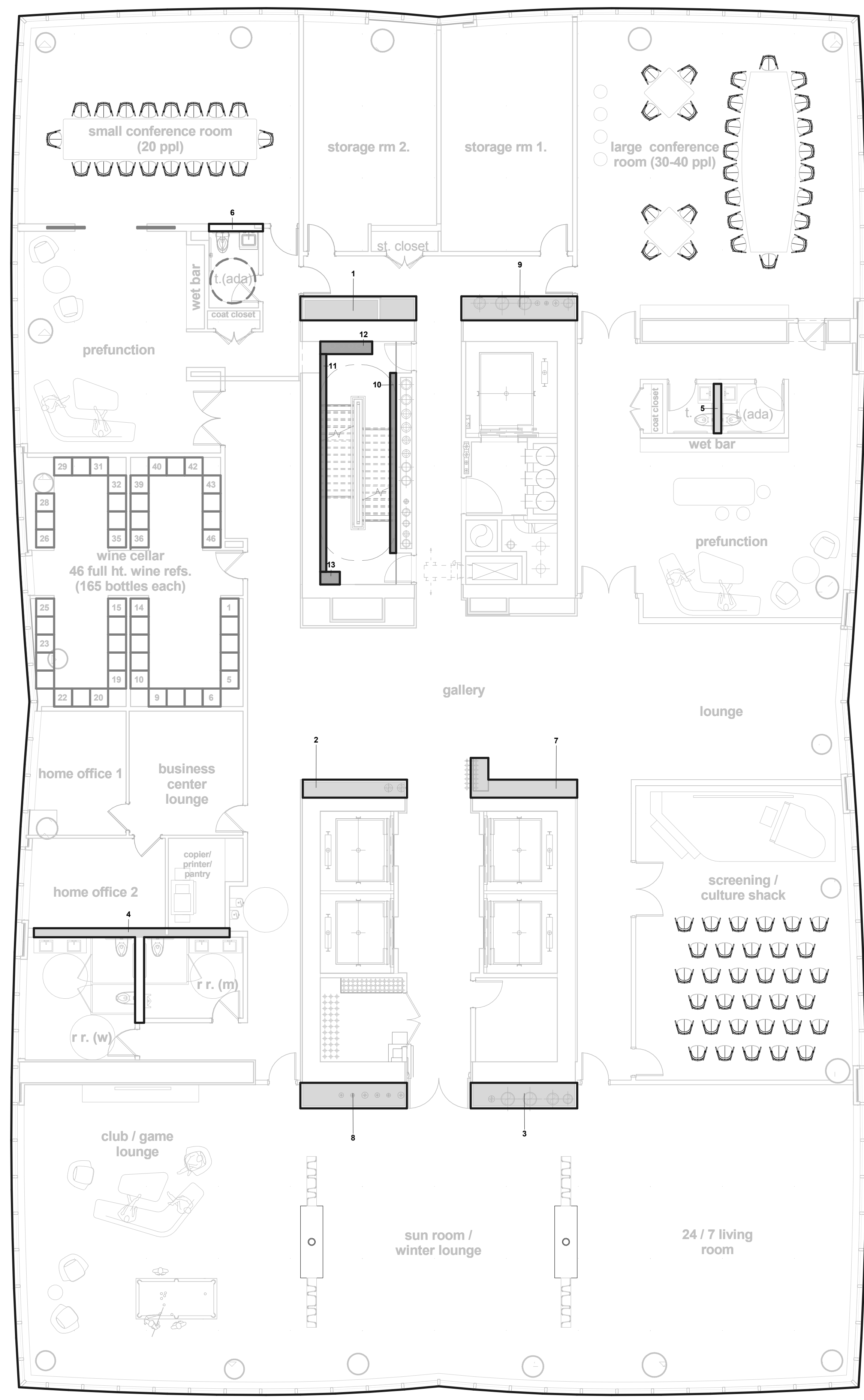
**ZONING USE KEY / LEGEND**



ZFA Deductions - Level 38		
Zoning Deduction #	Zoning Area Type	GFA
1	Plumbing	19 SF
2	Plumbing	11 SF
4	Plumbing	11 SF
5	Plumbing	5 SF
6	Plumbing	5 SF
7	Plumbing	13 SF
8	Plumbing	39 SF
9	Plumbing	39 SF
10	Plumbing	7 SF
11	Plumbing	8 SF
12	Plumbing	13 SF
13	Plumbing	18 SF
14	Plumbing	47 SF
15	Plumbing	47 SF
16	Star Deduction	13 SF
17	Star Deduction	16 SF
18	Fire Protection	7 SF
19	Fire Protection	3 SF
Grand total 18		322 SF
38 - Gross Floor Area		14,443 SF
38 - Zoning Floor Area		14,121 SF
Net		14,121 SF



ZFA Deductions - Level 39		
Zoning Deduction #	Zoning Area Type	GFA
1	Plumbing	34 SF
2	Plumbing	23 SF
3	Plumbing	34 SF
4	Plumbing	31 SF
5	Plumbing	5 SF
6	Plumbing	5 SF
7	Plumbing	28 SF
8	Plumbing	34 SF
9	Plumbing	34 SF
10	Star Deduction	13 SF
11	Star Deduction	16 SF
12	Fire Protection	8 SF
13	Fire Protection	3 SF
Grand total 13		289 SF
39 - Gross Floor Area		14,409 SF
39 - Zoning Floor Area		14,140 SF
Net		14,140 SF



ZONING FLOOR AREA PLAN - LVL 39TH

2

1/8" = 1'-0"

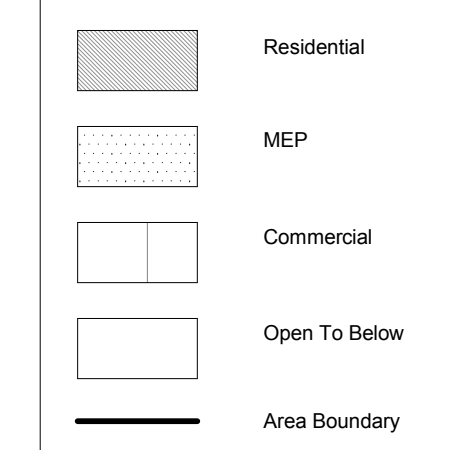
ZONING FLOOR AREA PLAN - LVL 38TH

1

1/8" = 1'-0"



ZONING USE KEY / LEGEND



15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
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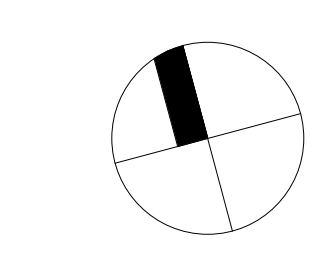
LEED CONSULTANT:  
Viridian  
350 Park Avenue South, 15th Floor  
New York, NY 10010  
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ACOUSTICAL CONSULTANTS:  
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SHEET NOTES:


KEY PLAN



ISSUE SET DATE

SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV.1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



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As indicated

PROJECT NUMBER

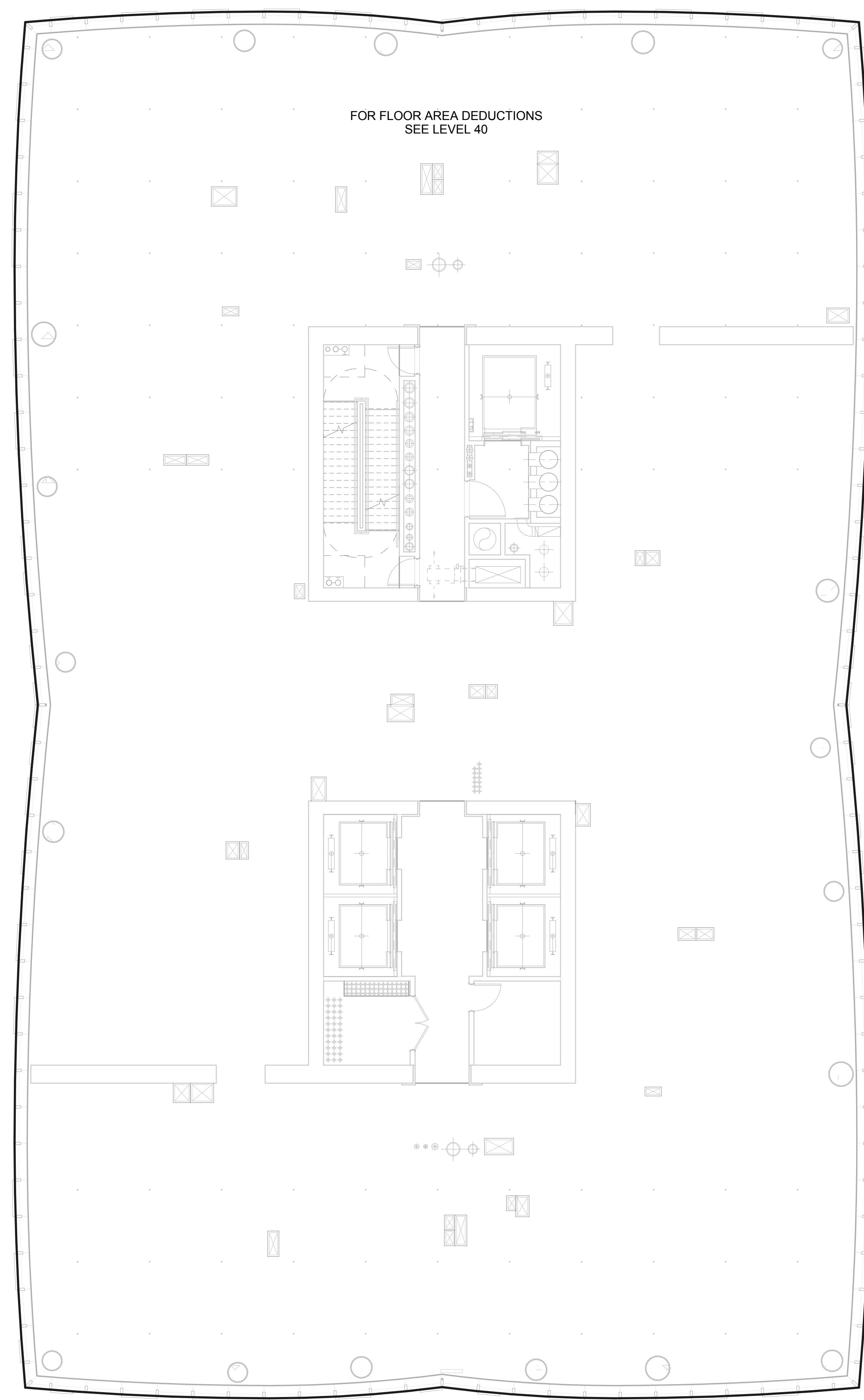
TITLE  
Zoning Floor Area Plans\_40-41

DRAWING NO.  
**Z-140.00**

Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	6 SF
2	Mechanical	10 SF
3	Electrical	2 SF
4	Plumbing	7 SF
5	Electrical	16 SF
6	Mechanical	6 SF
7	Mechanical	5 SF
8	Electrical	3 SF
9	Mechanical	10 SF
10	Plumbing	15 SF
11	Mechanical	10 SF
12	Mechanical	1 SF
13	Plumbing	3 SF
14	Mechanical	4 SF
15	Plumbing	7 SF
16	Plumbing	9 SF
17	Plumbing	3 SF
18	Mechanical	7 SF
19	Plumbing	8 SF
20	Mechanical	10 SF
21	Plumbing	12 SF
22	Mechanical	2 SF
23	Plumbing	5 SF
24	Electrical	21 SF
25	Electrical	12 SF
26	Plumbing	4 SF
27	Mechanical	5 SF
28	Mechanical	2 SF
29	Plumbing	3 SF
30	Mechanical	5 SF
31	Mechanical	10 SF
32	Electrical	10 SF
33	Plumbing	6 SF
34	Plumbing	3 SF
35	Electrical	2 SF
36	Mechanical	8 SF
37	Mechanical	9 SF
38	Electrical	2 SF
39	Plumbing	6 SF
40	Plumbing	8 SF
41	Mechanical	9 SF
43	Mechanical	6 SF
44	Plumbing	6 SF
45	Plumbing	3 SF
46	Plumbing	2 SF
47	Mechanical	8 SF
47	Plumbing	5 SF
48	Mechanical	39 SF
49	Plumbing	34 SF
50	Electrical	4 SF
51	Electrical	43 SF
52	Mechanical	2 SF
53	Plumbing	5 SF
54	Fire Protection	4 SF
55	Fire Protection	3 SF
56	Star Deduction	16 SF
57	Star Deduction	13 SF
58	Mechanical	8 SF
59	Plumbing	19 SF
60	Plumbing	3 SF
61	Plumbing	4 SF
62	Mechanical	2 SF
63	Plumbing	3 SF
64	Mechanical	6 SF
65	Electrical	1 SF
66	Mechanical	4 SF
67	Mechanical	4 SF
68	Electrical	8 SF
69	Mechanical	2 SF
70	Plumbing	8 SF
71	Electrical	2 SF
72	Mechanical	11 SF
73	Mechanical	8 SF
74	Plumbing	13 SF
75	Mechanical	10 SF
76	Mechanical	6 SF
77	Plumbing	10 SF
78	Plumbing	3 SF
79	Mechanical	4 SF
80	Plumbing	2 SF
81	Plumbing	3 SF
82	Plumbing	3 SF
<b>Grand total:</b>	<b>62</b>	<b>631 SF</b>
<b>40 - Gross Floor Area</b>		<b>14,369 SF</b>
<b>40 - Zoning Floor Area</b>		<b>13,739 SF</b>
<b>Net</b>		<b>13,739 SF</b>



Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	6 SF
2	Mechanical	10 SF
3	Electrical	2 SF
4	Plumbing	7 SF
5	Electrical	16 SF
6	Mechanical	6 SF
7	Mechanical	5 SF
8	Electrical	3 SF
9	Mechanical	10 SF
10	Plumbing	15 SF
11	Mechanical	10 SF
12	Mechanical	1 SF
13	Plumbing	3 SF
14	Mechanical	4 SF
15	Plumbing	7 SF
16	Plumbing	9 SF
17	Plumbing	3 SF
18	Mechanical	7 SF
19	Plumbing	8 SF
20	Mechanical	10 SF
21	Plumbing	13 SF
22	Mechanical	2 SF
23	Plumbing	5 SF
24	Electrical	21 SF
25	Electrical	12 SF
26	Plumbing	4 SF
27	Mechanical	5 SF
28	Mechanical	2 SF
29	Plumbing	3 SF
30	Mechanical	5 SF
31	Mechanical	10 SF
32	Electrical	10 SF
33	Plumbing	6 SF
34	Plumbing	3 SF
35	Electrical	2 SF
36	Mechanical	8 SF
37	Mechanical	9 SF
38	Electrical	2 SF
39	Plumbing	6 SF
40	Plumbing	8 SF
41	Mechanical	9 SF
43	Mechanical	6 SF
44	Plumbing	6 SF
45	Plumbing	3 SF
46	Plumbing	2 SF
47	Mechanical	8 SF
47	Plumbing	5 SF
48	Mechanical	39 SF
49	Plumbing	34 SF
50	Electrical	4 SF
51	Electrical	43 SF
52	Mechanical	2 SF
53	Plumbing	5 SF
54	Fire Protection	4 SF
55	Fire Protection	3 SF
56	Star Deduction	16 SF
57	Star Deduction	13 SF
58	Mechanical	8 SF
59	Plumbing	19 SF
60	Plumbing	3 SF
61	Plumbing	4 SF
62	Mechanical	2 SF
63	Plumbing	3 SF
64	Mechanical	6 SF
65	Electrical	1 SF
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67	Mechanical	4 SF
68	Electrical	8 SF
69	Mechanical	2 SF
70	Plumbing	8 SF
71	Electrical	2 SF
72	Mechanical	11 SF
73	Mechanical	8 SF
74	Plumbing	13 SF
75	Mechanical	10 SF
76	Mechanical	6 SF
77	Plumbing	10 SF
78	Plumbing	3 SF
79	Mechanical	4 SF
80	Plumbing	2 SF
81	Plumbing	3 SF
82	Plumbing	3 SF
<b>Grand total:</b>	<b>82</b>	<b>631 SF</b>
<b>41 - Gross Floor Area</b>		<b>14,341 SF</b>
<b>41 - Zoning Floor Area</b>		<b>13,710 SF</b>

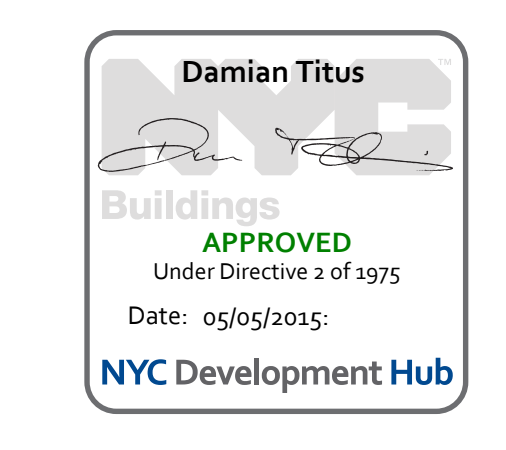


ZONING FLOOR AREA PLAN - LVL 41ST

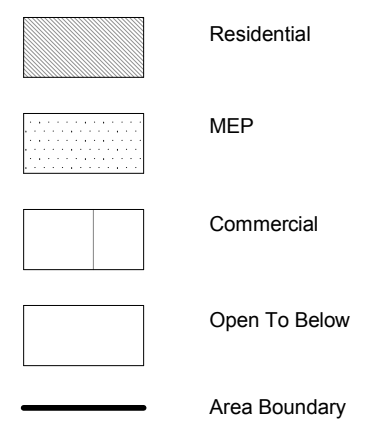
**2**  
1/8" = 1'-0"

ZONING FLOOR AREA PLAN - LVL 40TH

**1**  
1/8" = 1'-0"



ZONING USE KEY / LEGEND



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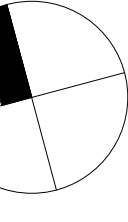
LEED CONSULTANT:  
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LANDSCAPE DESIGNER:  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.269.2270

SHEET NOTES:

KEY PLAN



ISSUE SET DATE

SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL BID ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL BID ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

STAMP



DATE OF PRINT

1/19/2015 3:35:29 PM

DRAWING SCALE

As indicated

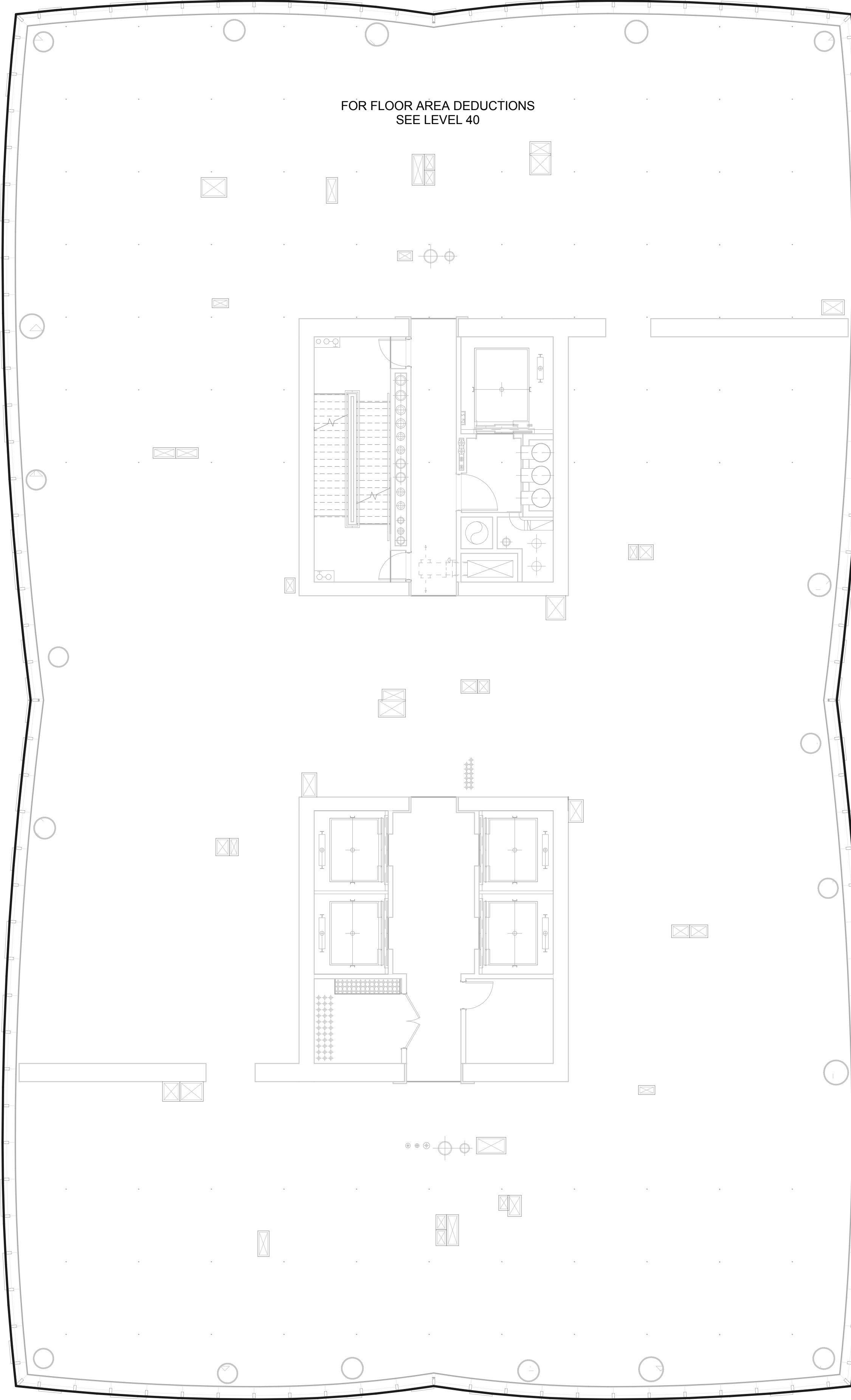
PROJECT NUMBER

TITLE

Zoning Floor Area Plans\_42-43

DRAWING NO.

Z-142.00



ZFA Deductions - Level 40-45		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	6 SF
2	Mechanical	10 SF
3	Electrical	2 SF
4	Plumbing	7 SF
5	Electrical	16 SF
6	Mechanical	6 SF
7	Mechanical	2 SF
8	Electrical	2 SF
9	Mechanical	10 SF
10	Plumbing	15 SF
11	Mechanical	10 SF
12	Mechanical	1 SF
13	Plumbing	3 SF
14	Mechanical	4 SF
15	Plumbing	7 SF
16	Plumbing	9 SF
17	Plumbing	3 SF
18	Mechanical	2 SF
19	Plumbing	8 SF
20	Mechanical	10 SF
21	Plumbing	12 SF
22	Mechanical	2 SF
23	Plumbing	5 SF
24	Electrical	21 SF
25	Electrical	12 SF
26	Plumbing	4 SF
27	Mechanical	9 SF
28	Mechanical	2 SF
29	Plumbing	3 SF
30	Mechanical	5 SF
31	Mechanical	10 SF
32	Electrical	10 SF
33	Plumbing	6 SF
34	Plumbing	3 SF
35	Electrical	2 SF
36	Mechanical	8 SF
37	Mechanical	9 SF
38	Electrical	2 SF
39	Plumbing	6 SF
40	Plumbing	8 SF
41	Mechanical	9 SF
43	Mechanical	6 SF
44	Plumbing	6 SF
45	Plumbing	3 SF
46	Plumbing	2 SF
47	Mechanical	8 SF
47	Plumbing	5 SF
48	Mechanical	3 SF
49	Plumbing	34 SF
50	Electrical	4 SF
51	Electrical	43 SF
52	Mechanical	2 SF
53	Plumbing	5 SF
54	Fire Protection	4 SF
55	Fire Protection	3 SF
56	Star Deduction	16 SF
57	Star Deduction	13 SF
58	Mechanical	9 SF
59	Plumbing	18 SF
60	Plumbing	3 SF
61	Plumbing	4 SF
62	Mechanical	2 SF
63	Plumbing	3 SF
64	Mechanical	6 SF
65	Electrical	1 SF
66	Mechanical	4 SF
67	Mechanical	11 SF
68	Electrical	9 SF
69	Mechanical	2 SF
70	Plumbing	8 SF
71	Electrical	2 SF
72	Mechanical	11 SF
73	Mechanical	8 SF
74	Plumbing	13 SF
75	Mechanical	10 SF
76	Mechanical	6 SF
77	Plumbing	10 SF
78	Plumbing	3 SF
79	Mechanical	4 SF
80	Plumbing	2 SF
81	Plumbing	3 SF
82	Plumbing	3 SF
Grand total: 82		631 SF

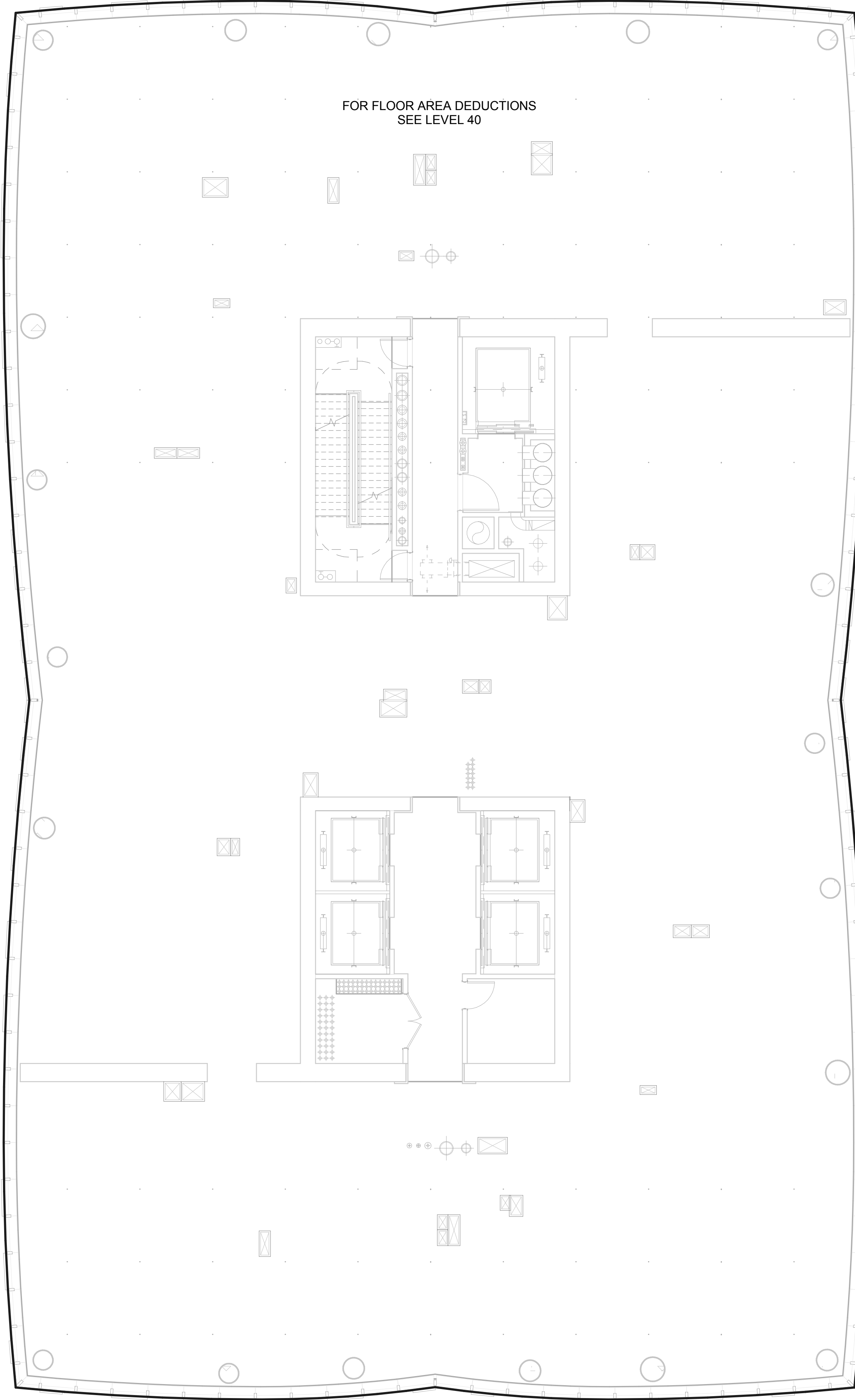
43 - Gross Floor Area 14,277 SF

43 - Zoning Floor Area 13,646 SF

ZONING FLOOR AREA PLAN - LVL 43RD

2

1/8" = 1'-0"



ZFA Deductions - Level 40-45		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	6 SF
2	Mechanical	10 SF
3	Electrical	2 SF
4	Plumbing	7 SF
5	Electrical	16 SF
6	Mechanical	6 SF
7	Mechanical	2 SF
8	Electrical	2 SF
9	Mechanical	10 SF
10	Plumbing	15 SF
11	Mechanical	10 SF
12	Mechanical	1 SF
13	Plumbing	3 SF
14	Mechanical	4 SF
15	Plumbing	7 SF
16	Plumbing	9 SF
17	Plumbing	3 SF
18	Mechanical	2 SF
19	Plumbing	8 SF
20	Mechanical	10 SF
21	Plumbing	12 SF
22	Mechanical	2 SF
23	Plumbing	5 SF
24	Electrical	21 SF
25	Electrical	12 SF
26	Plumbing	4 SF
27	Mechanical	9 SF
28	Mechanical	2 SF
29	Plumbing	3 SF
30	Mechanical	5 SF
31	Mechanical	10 SF
32	Electrical	10 SF
33	Plumbing	6 SF
34	Plumbing	3 SF
35	Electrical	2 SF
36	Mechanical	8 SF
37	Mechanical	9 SF
38	Electrical	2 SF
39	Plumbing	6 SF
40	Plumbing	8 SF
41	Mechanical	9 SF
43	Mechanical	6 SF
44	Plumbing	6 SF
45	Plumbing	3 SF
46	Plumbing	2 SF
47	Mechanical	8 SF
47	Plumbing	5 SF
48	Mechanical	3 SF
49	Plumbing	34 SF
50	Electrical	4 SF
51	Electrical	43 SF
52	Mechanical	2 SF
53	Plumbing	5 SF
54	Fire Protection	4 SF
55	Fire Protection	3 SF
56	Star Deduction	16 SF
57	Star Deduction	13 SF
58	Mechanical	9 SF
59	Plumbing	18 SF
60	Plumbing	3 SF
61	Plumbing	4 SF
62	Mechanical	2 SF
63	Plumbing	3 SF
64	Mechanical	6 SF
65	Electrical	1 SF
66	Mechanical	4 SF
67	Mechanical	11 SF
68	Electrical	9 SF
69	Mechanical	2 SF
70	Plumbing	8 SF
71	Electrical	2 SF
72	Mechanical	11 SF
73	Mechanical	8 SF
74	Plumbing	13 SF
75	Mechanical	10 SF
76	Mechanical	6 SF
77	Plumbing	10 SF
78	Plumbing	3 SF
79	Mechanical	4 SF
80	Plumbing	2 SF
81	Plumbing	3 SF
82	Plumbing	3 SF
Grand total: 82		631 SF

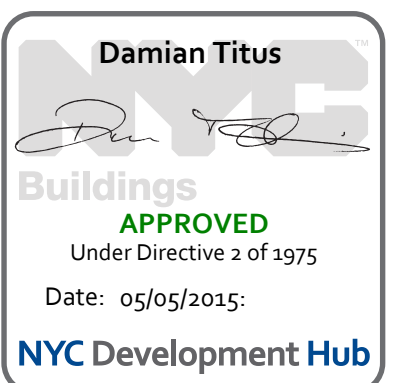
42 - Gross Floor Area 14,309 SF

42 - Zoning Floor Area 13,678 SF

ZONING FLOOR AREA PLAN - LVL 42ND

1

1/8" = 1'-0"





**15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.**

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.200.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Janice Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530.9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Lambton, NJ 07039  
T: 973-994-9220

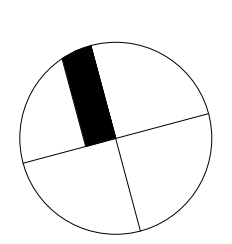
**LEED CONSULTANT:**  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.701.1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212.260.2270

**SHEET NOTES:**

**KEY PLAN**



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL BID ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV.1	06.20.2014
FINAL BID ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/19/2015 3:36:52 PM

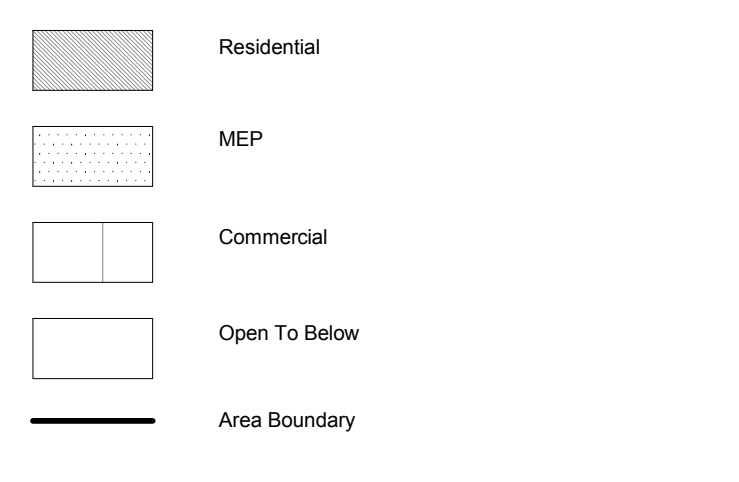
**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
Zoning Floor Area Plans\_44-45

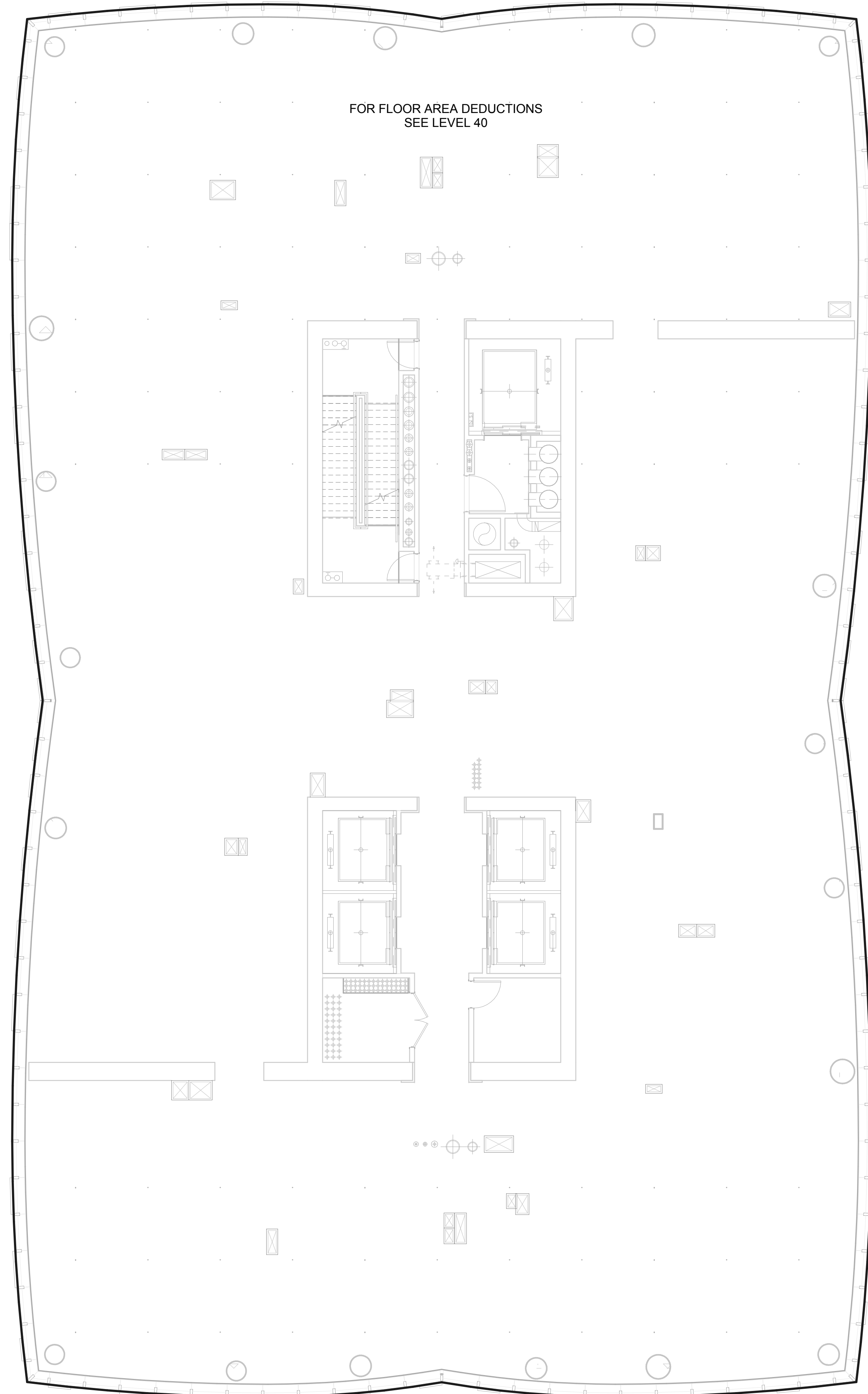
**DRAWING NO.:**  
**Z-144.00**

**ZONING USE KEY / LEGEND**



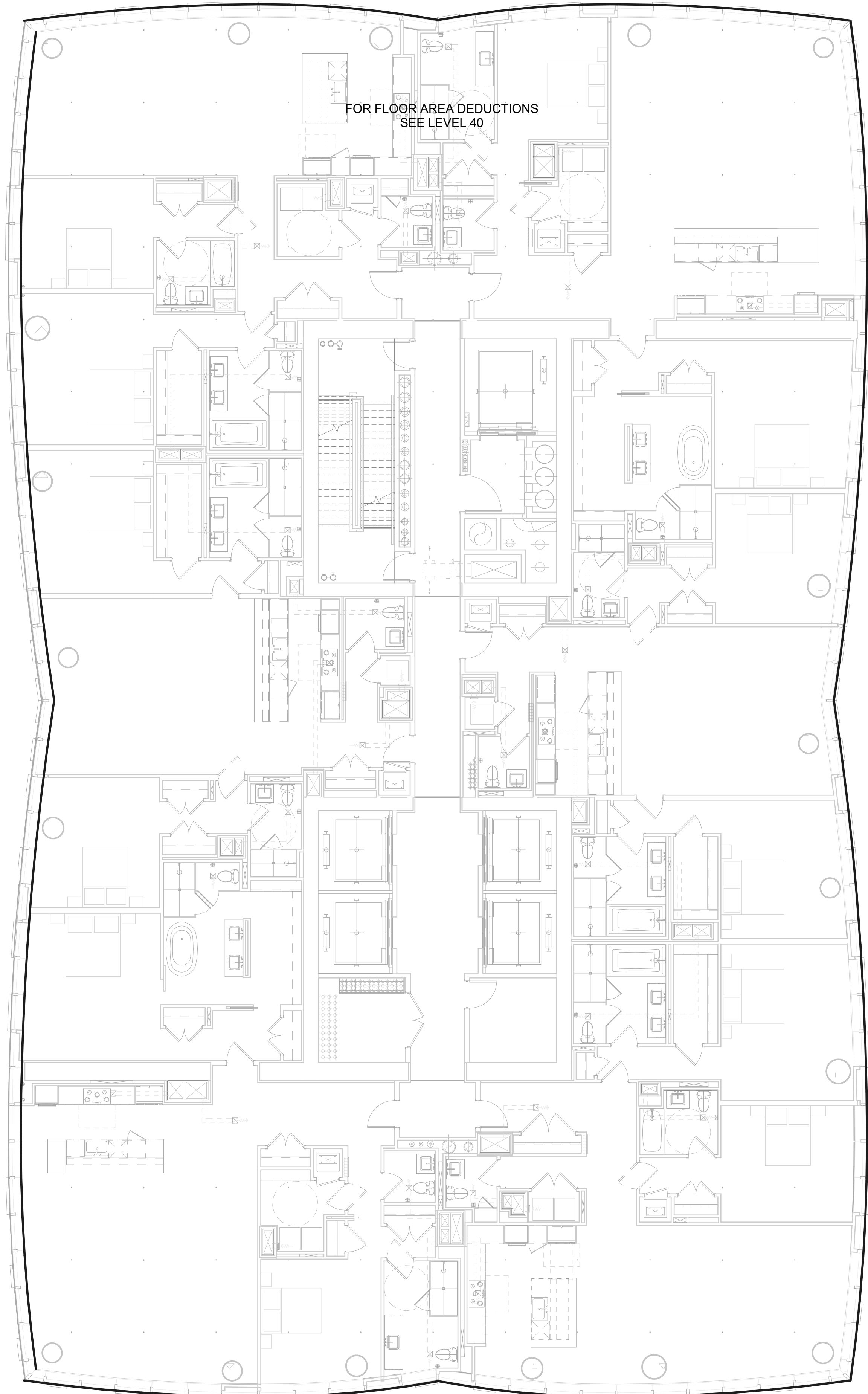
ZFA Deductions - Level 40-45		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	2 SF
2	Mechanical	10 SF
3	Electrical	2 SF
4	Plumbing	7 SF
5	Electrical	16 SF
6	Mechanical	6 SF
7	Mechanical	5 SF
8	Electrical	2 SF
9	Mechanical	10 SF
10	Plumbing	15 SF
11	Mechanical	10 SF
12	Mechanical	1 SF
13	Plumbing	3 SF
14	Mechanical	4 SF
15	Plumbing	7 SF
16	Plumbing	9 SF
17	Plumbing	3 SF
18	Mechanical	7 SF
19	Plumbing	6 SF
20	Mechanical	10 SF
21	Plumbing	12 SF
22	Mechanical	2 SF
23	Plumbing	5 SF
24	Electrical	21 SF
25	Electrical	12 SF
26	Plumbing	4 SF
27	Mechanical	5 SF
28	Mechanical	2 SF
29	Plumbing	3 SF
30	Mechanical	5 SF
31	Mechanical	10 SF
32	Electrical	10 SF
33	Plumbing	6 SF
34	Plumbing	3 SF
35	Electrical	2 SF
36	Mechanical	6 SF
37	Mechanical	9 SF
38	Electrical	2 SF
39	Plumbing	6 SF
40	Plumbing	8 SF
41	Mechanical	9 SF
42	Mechanical	6 SF
43	Plumbing	3 SF
44	Plumbing	6 SF
45	Plumbing	3 SF
46	Plumbing	2 SF
47	Mechanical	6 SF
48	Mechanical	39 SF
49	Plumbing	24 SF
50	Electrical	4 SF
51	Electrical	43 SF
52	Mechanical	2 SF
53	Plumbing	5 SF
54	Fire Protection	4 SF
55	Fire Protection	3 SF
56	Star Deduction	16 SF
57	Star Deduction	13 SF
58	Mechanical	6 SF
59	Plumbing	19 SF
60	Plumbing	3 SF
61	Plumbing	4 SF
62	Mechanical	2 SF
63	Plumbing	3 SF
64	Mechanical	6 SF
65	Electrical	1 SF
66	Mechanical	4 SF
67	Mechanical	11 SF
68	Electrical	6 SF
69	Mechanical	2 SF
70	Plumbing	8 SF
71	Electrical	2 SF
72	Mechanical	11 SF
73	Mechanical	6 SF
74	Plumbing	13 SF
75	Mechanical	10 SF
76	Mechanical	6 SF
77	Plumbing	10 SF
78	Plumbing	3 SF
79	Mechanical	4 SF
80	Plumbing	2 SF
81	Plumbing	3 SF
82	Plumbing	3 SF
Grand Total: 82		631 SF

44 - Gross Floor Area	14,242 SF
44 - Zoning Floor Area	13,611 SF



ZFA Deductions - Level 40-45		
Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	6 SF
2	Mechanical	10 SF
3	Electrical	2 SF
4	Plumbing	7 SF
5	Electrical	16 SF
6	Mechanical	6 SF
7	Mechanical	5 SF
8	Electrical	2 SF
9	Mechanical	10 SF
10	Plumbing	15 SF
11	Mechanical	10 SF
12	Mechanical	1 SF
13	Plumbing	3 SF
14	Mechanical	4 SF
15	Plumbing	7 SF
16	Plumbing	9 SF
17	Plumbing	3 SF
18	Mechanical	7 SF
19	Plumbing	6 SF
20	Mechanical	10 SF
21	Plumbing	12 SF
22	Mechanical	2 SF
23	Plumbing	5 SF
24	Electrical	21 SF
25	Electrical	12 SF
26	Plumbing	4 SF
27	Mechanical	5 SF
28	Mechanical	2 SF
29	Plumbing	3 SF
30	Mechanical	5 SF
31	Mechanical	10 SF
32	Electrical	10 SF
33	Plumbing	6 SF
34	Plumbing	3 SF
35	Electrical	2 SF
36	Mechanical	6 SF
37	Mechanical	9 SF
38	Electrical	2 SF
39	Plumbing	6 SF
40	Plumbing	8 SF
41	Mechanical	9 SF
42	Mechanical	6 SF
43	Plumbing	3 SF
44	Plumbing	6 SF
45	Plumbing	3 SF
46	Plumbing	2 SF
47	Mechanical	6 SF
48	Mechanical	39 SF
49	Plumbing	24 SF
50	Electrical	4 SF
51	Electrical	43 SF
52	Mechanical	2 SF
53	Plumbing	5 SF
54	Fire Protection	4 SF
55	Fire Protection	3 SF
56	Star Deduction	16 SF
57	Star Deduction	13 SF
58	Mechanical	6 SF
59	Plumbing	19 SF
60	Plumbing	3 SF
61	Plumbing	4 SF
62	Mechanical	2 SF
63	Plumbing	3 SF
64	Mechanical	6 SF
65	Electrical	1 SF
66	Mechanical	4 SF
67	Mechanical	11 SF
68	Electrical	6 SF
69	Mechanical	2 SF
70	Plumbing	8 SF
71	Electrical	2 SF
72	Mechanical	11 SF
73	Mechanical	6 SF
74	Plumbing	13 SF
75	Mechanical	10 SF
76	Mechanical	6 SF
77	Plumbing	10 SF
78	Plumbing	3 SF
79	Mechanical	4 SF
80	Plumbing	2 SF
81	Plumbing	3 SF
82	Plumbing	3 SF
Grand Total: 82		631 SF

45 - Gross Floor Area	0 SF
45 - Zoning Floor Area	13,739 SF



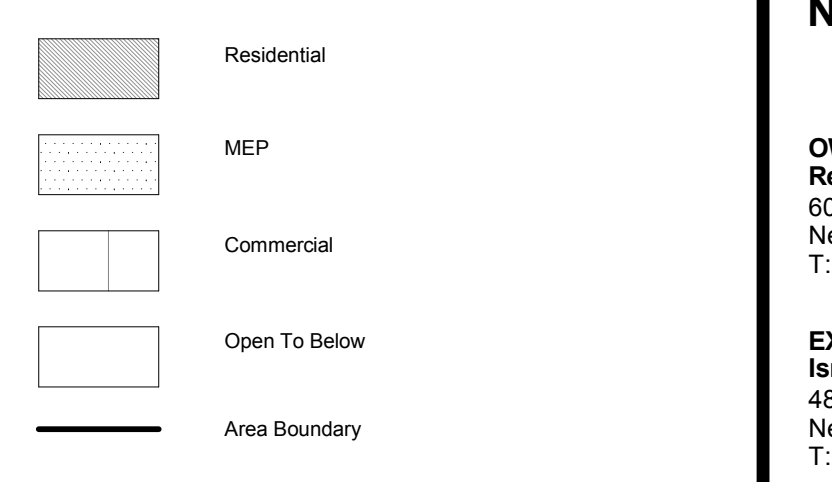
**ZONING FLOOR AREA PLAN - LVL 45TH**

**2**  
1/8" = 1'-0"

**ZONING FLOOR AREA PLAN - LVL 44TH**

**1**  
1/8" = 1'-0"

ZONING USE KEY / LEGEND



15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

OWNER:  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

EXECUTIVE ARCHITECT:  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

DESIGNER:  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.269.7971

DESIGNER:  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

STRUCTURAL ENGINEER:  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9888

MEP ENGINEER:  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530.9300

EXTERIOR WALL CONSULTANT:  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

VERTICAL TRANSPORTATION:  
VDA  
5 Regent Street, Suite 524  
Laningson, NJ 07039  
T: 973-994-9220

LEED CONSULTANT:  
Virdian  
330 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

ACOUSTICAL CONSULTANTS:  
GERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.370.1776

LANDSCAPE DESIGNER:  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-2270

SHIELD NOTES:

KEY PLAN

ISSUE SET

DATE

SCHEMATIC DESIGN ISSUE 02.15.2013

REVISED SD ISSUE 05.06.2013

EXTERIOR WALL 75% DD 09.05.2013

EXTERIOR WALL PRELIM. BID 11.05.2013

D.O.B. INITIAL FILING 11.22.2013

FINAL SD ISSUE 11.25.2013

EXTERIOR WALL BID SET 01.27.2014

E.W. BID SET ADDENDUM 1 03.05.2014

FOUNDATION BID SET 06.02.2014

FOUNDATION BID SET REV. 1 06.20.2014

FINAL SD ISSUE - REVISED 08.28.2014

SUPERSTRUCTURE BID SET 11.17.2014

(DD PHASE PROGRESS DWGS)

DESIGN DEVELOPMENT SET 12.22.2014

UPDATED DOB SET 01.20.2015

STAMP

DATE OF PRINT  
1/19/2015 3:37:21 PM

DRAWING SCALE  
As indicated

PROJECT NUMBER

TITLE  
Zoning Floor Area Plans\_46-47

DRAWING NO.  
**Z-146.00**

Damian Titus

Buildings

APPROVED

Under Directive 2 of 1975

Date: 09/09/2015

NYC Development Hub

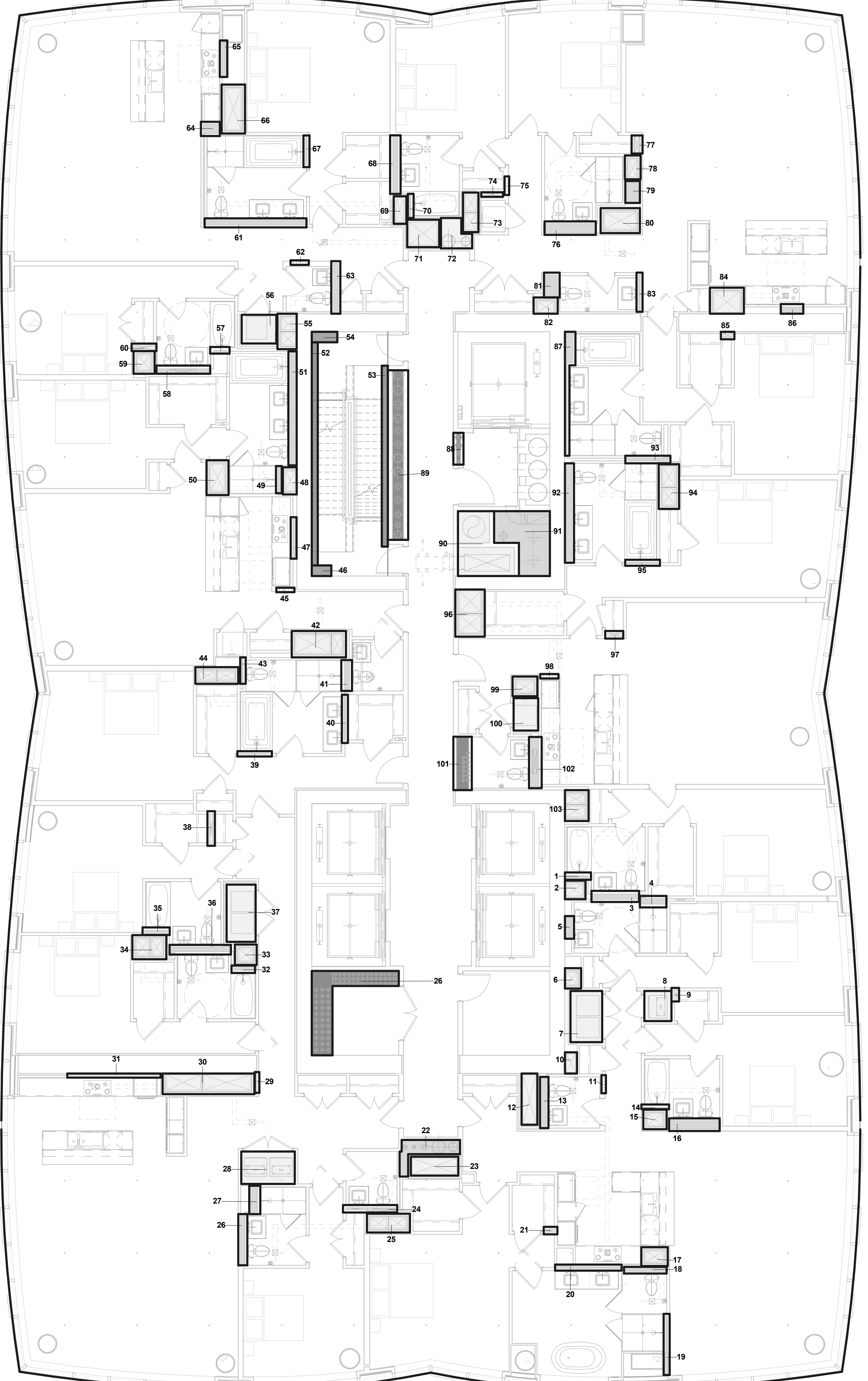
ZFA Deductions - Levels 46 - 55

Zoning Deduction #	Zoning Area Type	GFA
1	Plumbing	2 SF
2	Mechanical	5 SF
3	Plumbing	6 SF
4	Plumbing	4 SF
5	Plumbing	2 SF
6	Mechanical	4 SF
7	Mechanical	20 SF
8	Mechanical	10 SF
9	Mechanical	1 SF
10	Mechanical	3 SF
11	Electrical	1 SF
12	Mechanical	10 SF
13	Plumbing	5 SF
14	Plumbing	2 SF
15	Mechanical	6 SF
16	Plumbing	8 SF
17	Mechanical	6 SF
18	Plumbing	3 SF
19	Plumbing	5 SF
20	Mechanical	1 SF
21	Plumbing	13 SF
23	Mechanical	11 SF
24	Plumbing	5 SF
25	Mechanical	10 SF
26	Electrical	34 SF
26	Plumbing	6 SF
27	Plumbing	4 SF
28	Mechanical	21 SF
29	Electrical	1 SF
30	Mechanical	23 SF
31	Plumbing	6 SF
32	Plumbing	2 SF
33	Mechanical	5 SF
34	Mechanical	10 SF
35	Plumbing	3 SF
36	Plumbing	7 SF
37	Mechanical	20 SF
38	Mechanical	3 SF
39	Plumbing	2 SF
40	Plumbing	4 SF
41	Plumbing	4 SF
42	Mechanical	18 SF
43	Plumbing	2 SF
44	Mechanical	9 SF
45	Electrical	1 SF
46	Fire Protection	3 SF
47	Plumbing	3 SF
48	Mechanical	5 SF
49	Plumbing	3 SF
50	Mechanical	9 SF
51	Plumbing	12 SF
52	Stair Deduction	16 SF
53	Stair Deduction	13 SF
54	Fire Protection	3 SF
55	Mechanical	8 SF
56	Mechanical	12 SF
57	Plumbing	2 SF
58	Plumbing	5 SF
59	Mechanical	6 SF
60	Mechanical	2 SF
61	Plumbing	11 SF
62	Electrical	1 SF
63	Plumbing	6 SF
64	Plumbing	3 SF
65	Plumbing	3 SF
66	Mechanical	14 SF
67	Plumbing	2 SF
68	Plumbing	8 SF
69	Mechanical	4 SF
70	Plumbing	2 SF
71	Mechanical	11 SF
72	Mechanical	10 SF
73	Mechanical	7 SF
74	Mechanical	1 SF
75	Electrical	1 SF
76	Plumbing	9 SF
77	Mechanical	2 SF
78	Mechanical	9 SF
79	Plumbing	4 SF
80	Mechanical	12 SF
81	Plumbing	5 SF
82	Mechanical	5 SF
83	Plumbing	3 SF
84	Mechanical	11 SF
85	Mechanical	1 SF
86	Plumbing	3 SF
87	Plumbing	9 SF
88	Electrical	4 SF
88	Electrical	43 SF
89	Mechanical	39 SF
90	Plumbing	34 SF
91	Plumbing	11 SF
92	Plumbing	11 SF
93	Plumbing	4 SF
94	Mechanical	11 SF
95	Plumbing	3 SF
96	Mechanical	17 SF
97	Mechanical	2 SF
98	Electrical	1 SF
99	Mechanical	6 SF
100	Mechanical	10 SF
101	Electrical	12 SF
102	Plumbing	8 SF
103	Mechanical	9 SF
Grand total:	104	797 SF

46- Gross Floor Area 14,166 SF

46- Zoning Floor Area 13,369 SF

Net



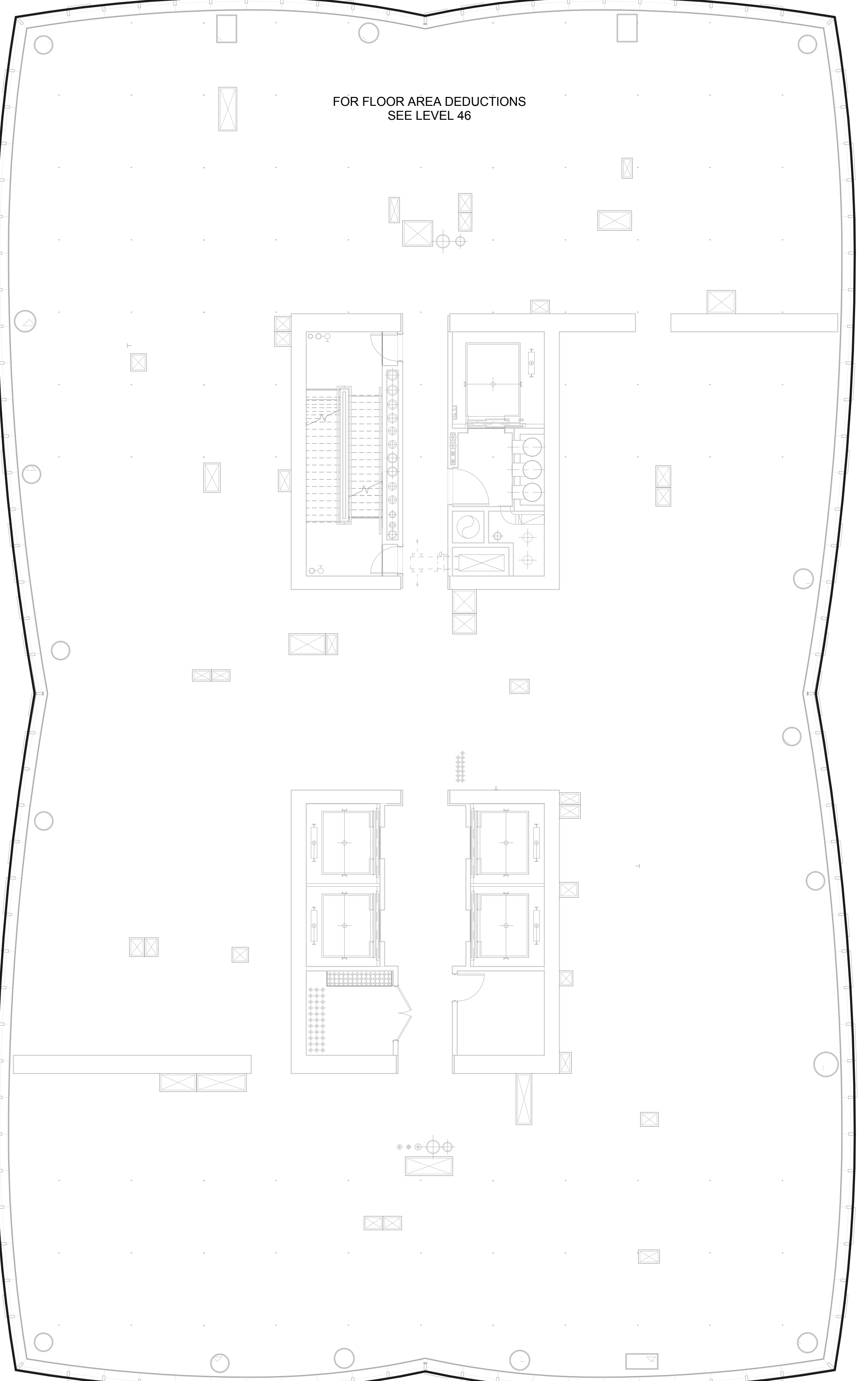
ZONING FLOOR AREA PLAN - LVL 46TH 1  
1/8" = 1'-0"

ZFA Deductions - Levels 46 - 55

Zoning Deduction #	Zoning Area Type	GFA
1	Plumbing	2 SF
2	Mechanical	5 SF
3	Plumbing	6 SF
4	Plumbing	4 SF
5	Plumbing	2 SF
6	Mechanical	4 SF
7	Mechanical	20 SF
8	Mechanical	10 SF
9	Mechanical	1 SF
10	Mechanical	3 SF
11	Electrical	1 SF
12	Mechanical	10 SF
13	Plumbing	5 SF
14	Plumbing	2 SF
15	Mechanical	6 SF
16	Plumbing	8 SF
17	Mechanical	6 SF
18	Plumbing	3 SF
19	Plumbing	5 SF
20	Mechanical	1 SF
21	Plumbing	13 SF
23	Mechanical	11 SF
24	Plumbing	5 SF
25	Mechanical	10 SF
26	Electrical	34 SF
26	Plumbing	6 SF
27	Plumbing	4 SF
28	Mechanical	21 SF
29	Electrical	1 SF
30	Mechanical	23 SF
31	Plumbing	6 SF
32	Plumbing	2 SF
33	Mechanical	5 SF
34	Mechanical	10 SF
35	Plumbing	3 SF
36	Plumbing	7 SF
37	Mechanical	20 SF
38	Mechanical	3 SF
39	Plumbing	2 SF
40	Plumbing	4 SF
41	Plumbing	4 SF
42	Mechanical	18 SF
43	Plumbing	2 SF
44	Mechanical	9 SF
45	Electrical	1 SF
46	Fire Protection	3 SF
47	Plumbing	3 SF
48	Mechanical	5 SF
49	Plumbing	3 SF
50	Mechanical	9 SF
51	Plumbing	12 SF
52	Stair Deduction	16 SF
53	Stair Deduction	13 SF
54	Fire Protection	3 SF
55	Mechanical	8 SF
56	Mechanical	12 SF
57	Plumbing	2 SF
58	Plumbing	5 SF
59	Mechanical	6 SF
60	Mechanical	2 SF
61	Plumbing	11 SF
62	Electrical	1 SF
63	Plumbing	6 SF
64	Plumbing	3 SF
65	Plumbing	3 SF
66	Mechanical	14 SF
67	Plumbing	2 SF
68	Plumbing	8 SF
69	Mechanical	4 SF
70	Plumbing	2 SF
71	Mechanical	11 SF
72	Mechanical	10 SF
73	Mechanical	7 SF
74	Mechanical	1 SF
75	Electrical	1 SF
76	Plumbing	9 SF
77	Mechanical	2 SF
78	Mechanical	9 SF
79	Plumbing	4 SF
80	Mechanical	12 SF
81	Plumbing	5 SF
82	Mechanical	5 SF
83	Plumbing	3 SF
84	Mechanical	11 SF
85	Mechanical	1 SF
86	Plumbing	3 SF
87	Plumbing	9 SF
88	Electrical	4 SF
88	Electrical	43 SF
89	Mechanical	39 SF
90	Plumbing	34 SF
91	Plumbing	11 SF
92	Plumbing	11 SF
93	Plumbing	4 SF
94	Mechanical	11 SF
95	Plumbing	3 SF
96	Mechanical	17 SF
97	Mechanical	2 SF
98	Electrical	1 SF
99	Mechanical	6 SF
100	Mechanical	10 SF
101	Electrical	12 SF
102	Plumbing	8 SF
103	Mechanical	9 SF
Grand total:	104	797 SF

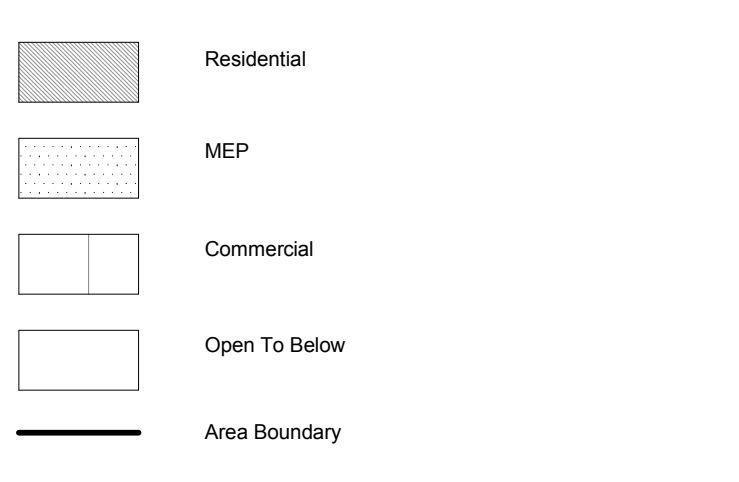
47- Gross Floor Area 14,126 SF

47- Zoning Floor Area 13,329 SF



ZONING FLOOR AREA PLAN - LVL 47TH 2  
1/8" = 1'-0"

**ZONING USE KEY / LEGEND**



**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 60 Columbus Circle  
 New York, NY 10023  
 T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
 Jarmal Leyva Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.293.1444

**DESIGNER:**  
 Dilier Scotland-Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.269.7971

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212.463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinik  
 228 E. 45th Street  
 New York, NY 10017  
 T: 212.697.9898

**MEP ENGINEER:**  
 James Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212.530.9300

**EXTERIOR WALL CONSULTANT:**  
 Irael Berger & Associates  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07079  
 T: 973-994-9220

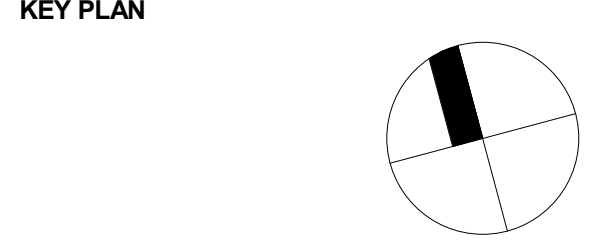
**LEED CONSULTANT:**  
 Viridian  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAM & ASSOCIATES INC.  
 404 5th Ave. #8  
 New York, NY 10018  
 T: 212.270-1776

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 520  
 New York, NY 10003  
 T: 212.269-2270

**SHEET NOTES:**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.25.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	05.02.2014
FOUNDATION BID SET REV. 1	05.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE) PROGRESS DWGS	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
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EXTERIOR WALL BID SET	01.27.2014
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FOUNDATION BID SET REV. 1	05.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE) PROGRESS DWGS	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



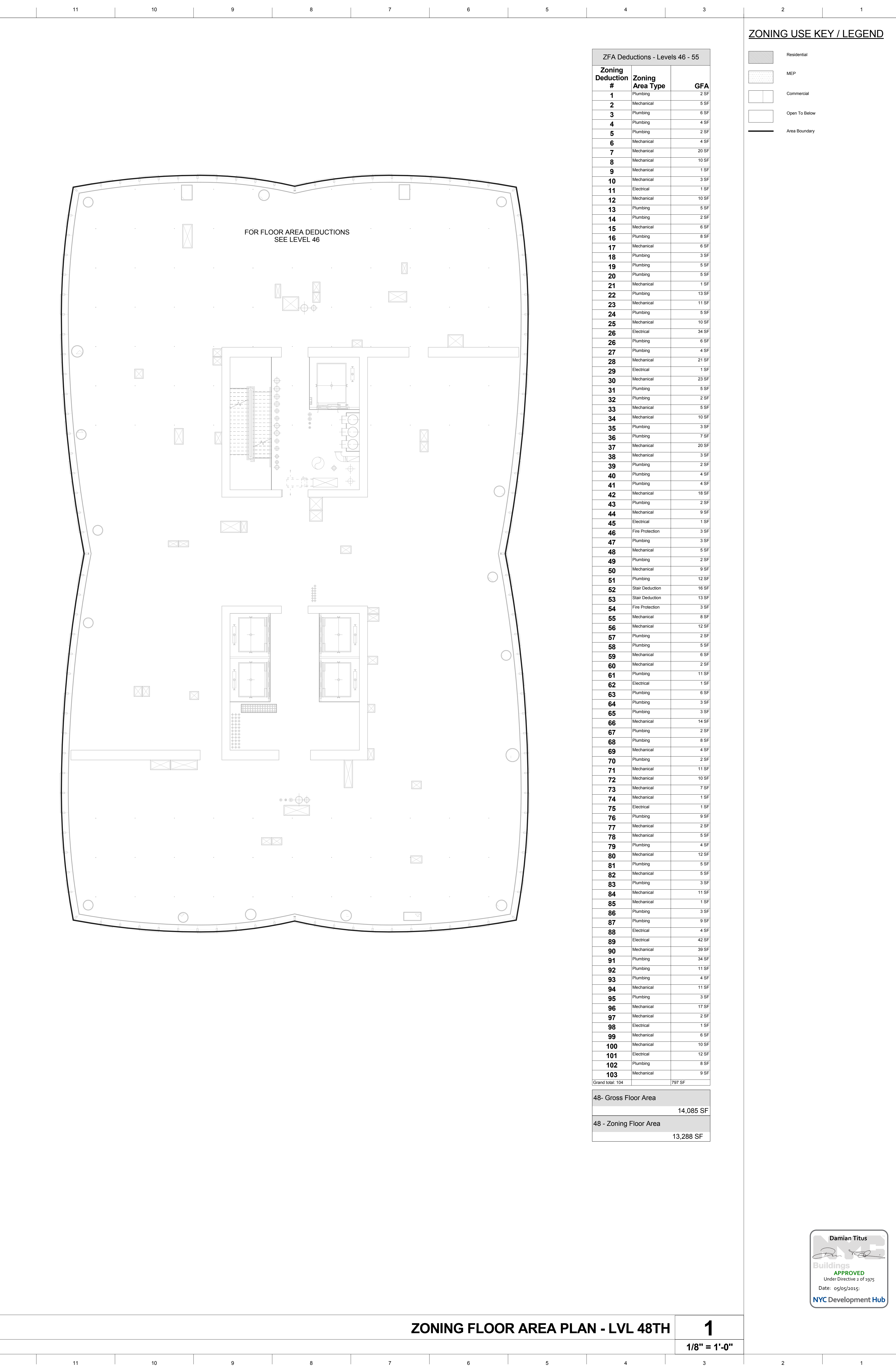
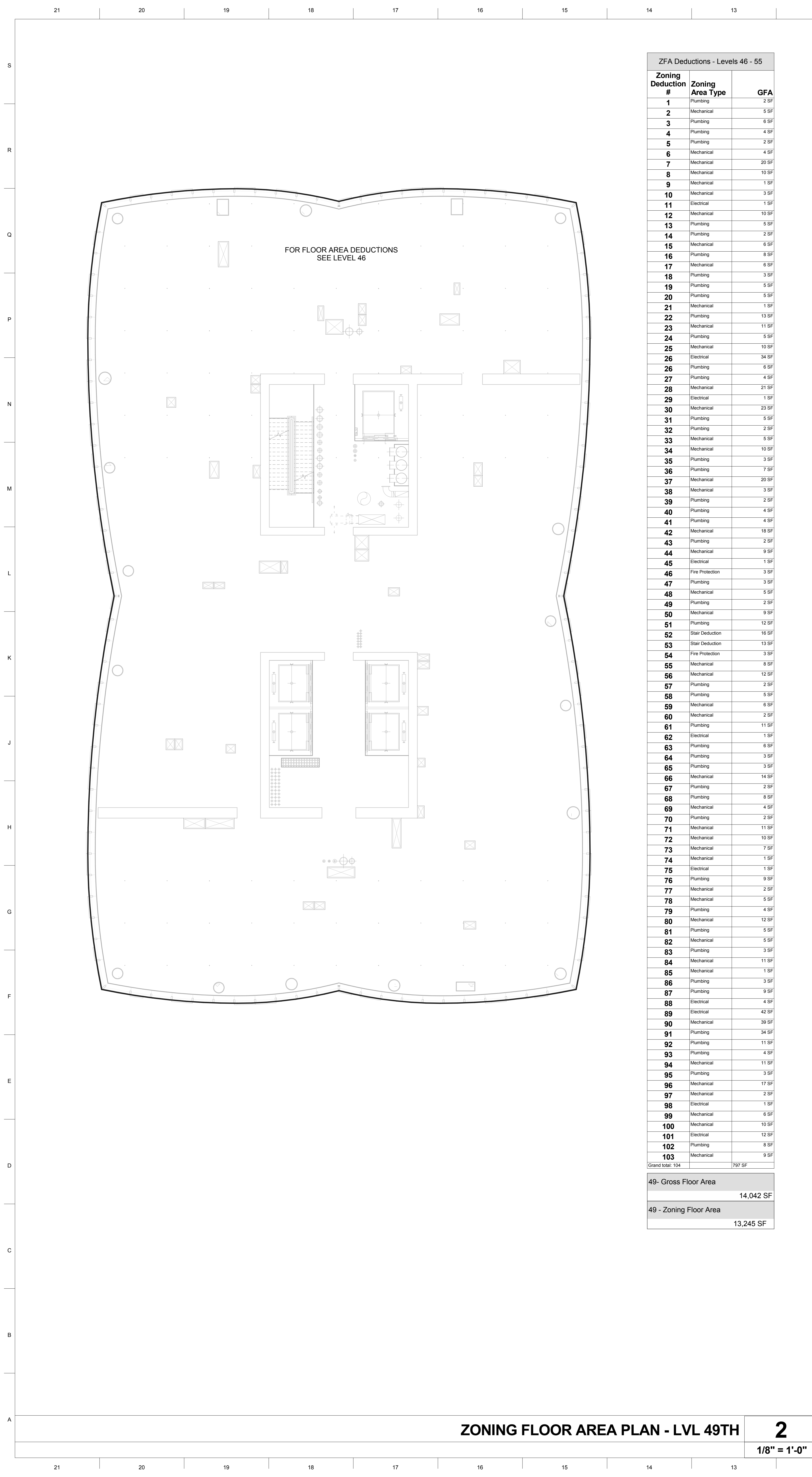
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**DRAWING SCALE**  
 As indicated

**PROJECT NUMBER**

**TITLE**  
 Zoning Floor Area Plans\_48-49

**DRAWING NO.**  
 Z-148.00



**ZONING FLOOR AREA PLAN - LVL 49TH** **2**  
 1/8" = 1'-0"

**ZONING FLOOR AREA PLAN - LVL 48TH** **1**  
 1/8" = 1'-0"

ZONING USE KEY / LEGEND

- Residential
- MEP
- Commercial
- Open To Below
- Area Boundary

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
VSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.897.8988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530.9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689.5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973.994.9220

**LEED CONSULTANT:**  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203.299.1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.770.1776

**LANDSCAPE DESIGNER:**  
Nelson Bryd White  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.269.2270

**KEY PLAN**



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.25.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.26.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**DATE OF PRINT**  
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**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
Zoning Floor Area Plans\_50-51

**DRAWING NO.**  
Z-150.00



ZFA Deduction #	Zoning Area Type	GFA
1	Plumbing	2 SF
2	Mechanical	5 SF
3	Plumbing	6 SF
4	Plumbing	4 SF
5	Plumbing	2 SF
6	Mechanical	4 SF
7	Mechanical	20 SF
8	Mechanical	10 SF
9	Mechanical	1 SF
10	Mechanical	3 SF
11	Electrical	1 SF
12	Mechanical	10 SF
13	Plumbing	5 SF
14	Plumbing	2 SF
15	Mechanical	6 SF
16	Plumbing	8 SF
17	Mechanical	6 SF
18	Plumbing	3 SF
19	Plumbing	5 SF
20	Plumbing	5 SF
21	Mechanical	1 SF
22	Plumbing	13 SF
23	Mechanical	11 SF
24	Plumbing	5 SF
25	Mechanical	10 SF
26	Electrical	34 SF
27	Plumbing	6 SF
28	Plumbing	4 SF
29	Mechanical	21 SF
30	Electrical	1 SF
31	Mechanical	23 SF
32	Plumbing	5 SF
33	Plumbing	2 SF
34	Mechanical	5 SF
35	Mechanical	10 SF
36	Plumbing	3 SF
37	Plumbing	7 SF
38	Mechanical	20 SF
39	Mechanical	3 SF
40	Plumbing	2 SF
41	Plumbing	4 SF
42	Mechanical	18 SF
43	Plumbing	2 SF
44	Mechanical	9 SF
45	Electrical	1 SF
46	Fire Protection	3 SF
47	Plumbing	3 SF
48	Mechanical	5 SF
49	Plumbing	2 SF
50	Mechanical	9 SF
51	Plumbing	12 SF
52	Star Deduction	16 SF
53	Star Deduction	13 SF
54	Fire Protection	3 SF
55	Mechanical	8 SF
56	Mechanical	12 SF
57	Plumbing	2 SF
58	Plumbing	5 SF
59	Mechanical	8 SF
60	Mechanical	2 SF
61	Plumbing	11 SF
62	Electrical	1 SF
63	Plumbing	6 SF
64	Plumbing	3 SF
65	Plumbing	3 SF
66	Mechanical	14 SF
67	Plumbing	2 SF
68	Plumbing	8 SF
69	Mechanical	4 SF
70	Plumbing	3 SF
71	Mechanical	11 SF
72	Mechanical	10 SF
73	Mechanical	7 SF
74	Mechanical	1 SF
75	Electrical	1 SF
76	Plumbing	9 SF
77	Mechanical	2 SF
78	Mechanical	5 SF
79	Plumbing	4 SF
80	Mechanical	13 SF
81	Plumbing	5 SF
82	Mechanical	5 SF
83	Plumbing	3 SF
84	Mechanical	11 SF
85	Mechanical	1 SF
86	Plumbing	3 SF
87	Plumbing	9 SF
88	Electrical	4 SF
89	Electrical	42 SF
90	Mechanical	39 SF
91	Plumbing	34 SF
92	Plumbing	11 SF
93	Plumbing	4 SF
94	Mechanical	11 SF
95	Plumbing	3 SF
96	Mechanical	17 SF
97	Mechanical	2 SF
98	Electrical	1 SF
99	Mechanical	8 SF
100	Mechanical	10 SF
101	Electrical	12 SF
102	Plumbing	8 SF
103	Mechanical	9 SF
Grand Total: 104		797 SF

50 - Gross Floor Area	13,998 SF
50 - Zoning Floor Area	13,201 SF

ZFA Deduction #	Zoning Area Type	GFA
1	Plumbing	2 SF
2	Mechanical	5 SF
3	Plumbing	6 SF
4	Plumbing	4 SF
5	Plumbing	2 SF
6	Mechanical	4 SF
7	Mechanical	20 SF
8	Mechanical	10 SF
9	Mechanical	1 SF
10	Mechanical	3 SF
11	Electrical	1 SF
12	Mechanical	10 SF
13	Plumbing	5 SF
14	Plumbing	2 SF
15	Mechanical	6 SF
16	Plumbing	8 SF
17	Mechanical	6 SF
18	Plumbing	3 SF
19	Plumbing	5 SF
20	Plumbing	5 SF
21	Mechanical	1 SF
22	Plumbing	13 SF
23	Mechanical	11 SF
24	Plumbing	5 SF
25	Mechanical	10 SF
26	Electrical	34 SF
27	Plumbing	4 SF
28	Mechanical	21 SF
29	Electrical	1 SF
30	Mechanical	23 SF
31	Plumbing	5 SF
32	Plumbing	2 SF
33	Mechanical	5 SF
34	Mechanical	10 SF
35	Plumbing	3 SF
36	Plumbing	7 SF
37	Mechanical	20 SF
38	Mechanical	3 SF
39	Plumbing	2 SF
40	Plumbing	4 SF
41	Plumbing	4 SF
42	Mechanical	18 SF
43	Plumbing	2 SF
44	Mechanical	9 SF
45	Electrical	1 SF
46	Fire Protection	3 SF
47	Plumbing	3 SF
48	Mechanical	5 SF
49	Plumbing	2 SF
50	Mechanical	9 SF
51	Plumbing	12 SF
52	Star Deduction	16 SF
53	Star Deduction	13 SF
54	Fire Protection	3 SF
55	Mechanical	8 SF
56	Mechanical	12 SF
57	Plumbing	2 SF
58	Plumbing	5 SF
59	Mechanical	8 SF
60	Mechanical	2 SF
61	Plumbing	11 SF
62	Electrical	1 SF
63	Plumbing	6 SF
64	Plumbing	3 SF
65	Plumbing	3 SF
66	Mechanical	14 SF
67	Plumbing	2 SF
68	Plumbing	8 SF
69	Mechanical	4 SF
70	Plumbing	3 SF
71	Mechanical	11 SF
72	Mechanical	10 SF
73	Mechanical	7 SF
74	Mechanical	1 SF
75	Electrical	1 SF
76	Plumbing	9 SF
77	Mechanical	2 SF
78	Mechanical	5 SF
79	Plumbing	4 SF
80	Mechanical	13 SF
81	Plumbing	5 SF
82	Mechanical	5 SF
83	Plumbing	3 SF
84	Mechanical	11 SF
85	Mechanical	1 SF
86	Plumbing	3 SF
87	Plumbing	9 SF
88	Electrical	4 SF
89	Electrical	42 SF
90	Mechanical	39 SF
91	Plumbing	34 SF
92	Plumbing	11 SF
93	Plumbing	4 SF
94	Mechanical	11 SF
95	Plumbing	3 SF
96	Mechanical	17 SF
97	Mechanical	2 SF
98	Electrical	1 SF
99	Mechanical	8 SF
100	Mechanical	10 SF
101	Electrical	12 SF
102	Plumbing	8 SF
103	Mechanical	9 SF
Grand Total: 104		797 SF

51 - Gross Floor Area	13,952 SF
51 - Zoning Floor Area	13,155 SF

ZONING FLOOR AREA PLAN - LVL 51ST **2**

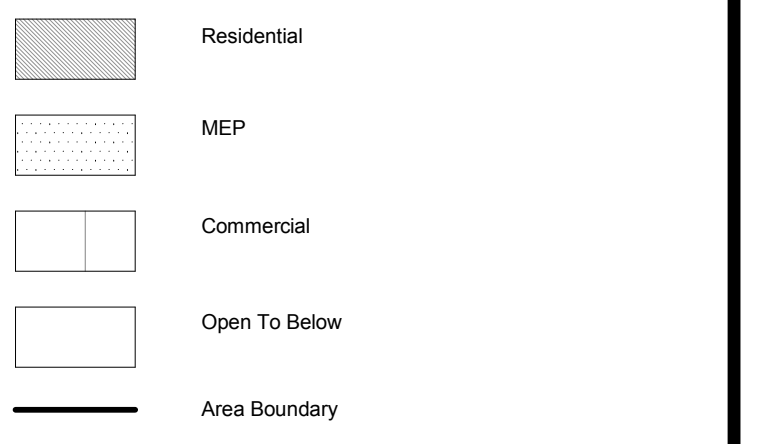
1/8" = 1'-0"

ZONING FLOOR AREA PLAN - LVL 50TH **1**

1/8" = 1'-0"

SHEET NOTES:

ZONING USE KEY / LEGEND



ZFA Deductions - Levels 46 - 55		
Zoning Deduction #	Zoning Area Type	GFA
1	Plumbing	2 SF
2	Mechanical	5 SF
3	Plumbing	6 SF
4	Plumbing	4 SF
5	Plumbing	2 SF
6	Mechanical	4 SF
7	Mechanical	20 SF
8	Mechanical	10 SF
9	Mechanical	1 SF
10	Mechanical	3 SF
11	Electrical	1 SF
12	Mechanical	10 SF
13	Plumbing	5 SF
14	Plumbing	2 SF
15	Mechanical	6 SF
16	Plumbing	6 SF
17	Mechanical	6 SF
18	Plumbing	3 SF
19	Plumbing	5 SF
20	Plumbing	5 SF
21	Mechanical	1 SF
22	Plumbing	13 SF
23	Mechanical	11 SF
24	Plumbing	5 SF
25	Mechanical	10 SF
26	Electrical	34 SF
26	Plumbing	6 SF
27	Plumbing	4 SF
28	Mechanical	21 SF
29	Electrical	1 SF
30	Mechanical	23 SF
31	Plumbing	5 SF
32	Plumbing	2 SF
33	Mechanical	5 SF
34	Mechanical	10 SF
35	Plumbing	3 SF
36	Plumbing	7 SF
37	Mechanical	20 SF
38	Mechanical	3 SF
39	Plumbing	2 SF
40	Plumbing	4 SF
41	Plumbing	4 SF
42	Mechanical	16 SF
43	Plumbing	2 SF
44	Mechanical	9 SF
45	Electrical	1 SF
46	Fire Protection	3 SF
47	Plumbing	3 SF
48	Mechanical	5 SF
49	Plumbing	2 SF
50	Mechanical	9 SF
51	Plumbing	12 SF
52	Star Deduction	16 SF
53	Star Deduction	13 SF
54	Fire Protection	3 SF
55	Mechanical	8 SF
56	Mechanical	12 SF
57	Plumbing	2 SF
58	Plumbing	5 SF
59	Mechanical	6 SF
60	Mechanical	2 SF
61	Plumbing	11 SF
62	Electrical	1 SF
63	Plumbing	6 SF
64	Plumbing	3 SF
65	Plumbing	3 SF
66	Mechanical	14 SF
67	Plumbing	2 SF
68	Plumbing	8 SF
69	Mechanical	4 SF
70	Plumbing	2 SF
71	Mechanical	11 SF
72	Mechanical	10 SF
73	Mechanical	7 SF
74	Mechanical	1 SF
75	Electrical	1 SF
76	Plumbing	9 SF
77	Mechanical	2 SF
78	Mechanical	5 SF
79	Plumbing	4 SF
80	Mechanical	12 SF
81	Plumbing	5 SF
82	Mechanical	5 SF
83	Plumbing	3 SF
84	Mechanical	11 SF
85	Mechanical	1 SF
86	Plumbing	3 SF
87	Plumbing	9 SF
88	Electrical	4 SF
89	Electrical	42 SF
90	Mechanical	39 SF
91	Plumbing	34 SF
92	Plumbing	11 SF
93	Plumbing	4 SF
94	Mechanical	11 SF
95	Plumbing	3 SF
96	Mechanical	17 SF
97	Mechanical	2 SF
98	Electrical	1 SF
99	Mechanical	6 SF
100	Mechanical	10 SF
101	Electrical	12 SF
102	Plumbing	8 SF
103	Mechanical	9 SF
Grand total: 104		797 SF

53- Gross Floor Area	13,855 SF
53 - Zoning Floor Area	13,058 SF

ZFA Deductions - Levels 46 - 55		
Zoning Deduction #	Zoning Area Type	GFA
1	Plumbing	2 SF
2	Mechanical	5 SF
3	Plumbing	6 SF
4	Plumbing	4 SF
5	Plumbing	2 SF
6	Mechanical	4 SF
7	Mechanical	20 SF
8	Mechanical	10 SF
9	Mechanical	1 SF
10	Mechanical	3 SF
11	Electrical	1 SF
12	Mechanical	10 SF
13	Plumbing	5 SF
14	Plumbing	2 SF
15	Mechanical	6 SF
16	Plumbing	6 SF
17	Mechanical	6 SF
18	Plumbing	3 SF
19	Plumbing	5 SF
20	Plumbing	5 SF
21	Mechanical	1 SF
22	Plumbing	13 SF
23	Mechanical	11 SF
24	Plumbing	5 SF
25	Mechanical	10 SF
26	Electrical	34 SF
26	Plumbing	6 SF
27	Plumbing	4 SF
28	Mechanical	21 SF
29	Electrical	1 SF
30	Mechanical	23 SF
31	Plumbing	5 SF
32	Plumbing	2 SF
33	Mechanical	5 SF
34	Mechanical	10 SF
35	Plumbing	3 SF
36	Plumbing	7 SF
37	Mechanical	20 SF
38	Mechanical	3 SF
39	Plumbing	2 SF
40	Plumbing	4 SF
41	Plumbing	4 SF
42	Mechanical	16 SF
43	Plumbing	2 SF
44	Mechanical	9 SF
45	Electrical	1 SF
46	Fire Protection	3 SF
47	Plumbing	3 SF
48	Mechanical	5 SF
49	Plumbing	2 SF
50	Mechanical	9 SF
51	Plumbing	12 SF
52	Star Deduction	16 SF
53	Star Deduction	13 SF
54	Fire Protection	3 SF
55	Mechanical	8 SF
56	Mechanical	12 SF
57	Plumbing	2 SF
58	Plumbing	5 SF
59	Mechanical	6 SF
60	Mechanical	2 SF
61	Plumbing	11 SF
62	Electrical	1 SF
63	Plumbing	6 SF
64	Plumbing	3 SF
65	Plumbing	3 SF
66	Mechanical	14 SF
67	Plumbing	2 SF
68	Plumbing	8 SF
69	Mechanical	4 SF
70	Plumbing	2 SF
71	Mechanical	11 SF
72	Mechanical	10 SF
73	Mechanical	7 SF
74	Mechanical	1 SF
75	Electrical	1 SF
76	Plumbing	9 SF
77	Mechanical	2 SF
78	Mechanical	5 SF
79	Plumbing	4 SF
80	Mechanical	12 SF
81	Plumbing	5 SF
82	Mechanical	5 SF
83	Plumbing	3 SF
84	Mechanical	11 SF
85	Mechanical	1 SF
86	Plumbing	3 SF
87	Plumbing	9 SF
88	Electrical	4 SF
89	Electrical	42 SF
90	Mechanical	39 SF
91	Plumbing	34 SF
92	Plumbing	11 SF
93	Plumbing	4 SF
94	Mechanical	11 SF
95	Plumbing	3 SF
96	Mechanical	17 SF
97	Mechanical	2 SF
98	Electrical	1 SF
99	Mechanical	6 SF
100	Mechanical	10 SF
101	Electrical	12 SF
102	Plumbing	8 SF
103	Mechanical	9 SF
Grand total: 104		797 SF

52- Gross Floor Area	13,904 SF
52 - Zoning Floor Area	13,107 SF

FOR FLOOR AREA DEDUCTIONS  
SEE LEVEL 46

FOR FLOOR AREA DEDUCTIONS  
SEE LEVEL 46

ZONING FLOOR AREA PLAN - LVL 53RD

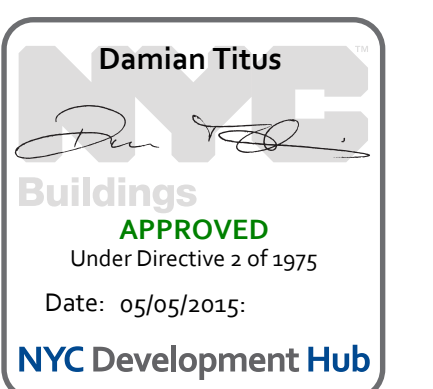
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1/8" = 1'-0"

ZONING FLOOR AREA PLAN - LVL 52ND

1

1/8" = 1'-0"



DATE OF PRINT  
1/19/2015 3:35:28 PM

DRAWING SCALE  
As indicated

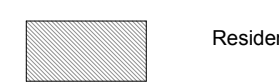
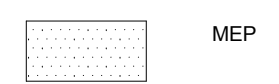


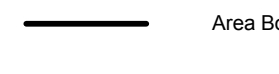
PROJECT NUMBER

TITLE  
Zoning Floor Area Plans\_52-53

DRAWING NO.

Z-152.00

**ZONING USE KEY / LEGEND**

-  Residential
-  MEP
-  Commercial
-  Open To Below
-  Area Boundary

ZFA Deductions - Levels 46 - 55		
Zoning Deduction #	Zoning Area Type	GFA
1	Plumbing	2 SF
2	Mechanical	5 SF
3	Plumbing	6 SF
4	Plumbing	4 SF
5	Plumbing	2 SF
6	Mechanical	4 SF
7	Mechanical	20 SF
8	Mechanical	10 SF
9	Mechanical	1 SF
10	Mechanical	3 SF
11	Electrical	1 SF
12	Mechanical	10 SF
13	Plumbing	5 SF
14	Plumbing	2 SF
15	Mechanical	6 SF
16	Plumbing	8 SF
17	Mechanical	6 SF
18	Plumbing	3 SF
19	Plumbing	5 SF
20	Plumbing	5 SF
21	Mechanical	1 SF
22	Plumbing	13 SF
23	Mechanical	11 SF
24	Plumbing	5 SF
25	Mechanical	10 SF
26	Electrical	34 SF
27	Plumbing	6 SF
28	Mechanical	4 SF
29	Electrical	21 SF
30	Mechanical	23 SF
31	Plumbing	5 SF
32	Plumbing	2 SF
33	Mechanical	5 SF
34	Mechanical	10 SF
35	Plumbing	3 SF
36	Plumbing	7 SF
37	Mechanical	20 SF
38	Mechanical	3 SF
39	Plumbing	2 SF
40	Plumbing	4 SF
41	Plumbing	4 SF
42	Mechanical	18 SF
43	Plumbing	2 SF
44	Mechanical	9 SF
45	Electrical	1 SF
46	Fire Protection	3 SF
47	Plumbing	3 SF
48	Mechanical	5 SF
49	Plumbing	2 SF
50	Mechanical	9 SF
51	Plumbing	12 SF
52	Star Deduction	18 SF
53	Star Deduction	13 SF
54	Fire Protection	3 SF
55	Mechanical	8 SF
56	Mechanical	12 SF
57	Plumbing	2 SF
58	Plumbing	5 SF
59	Mechanical	6 SF
60	Mechanical	2 SF
61	Plumbing	11 SF
62	Electrical	1 SF
63	Plumbing	6 SF
64	Plumbing	3 SF
65	Plumbing	3 SF
66	Mechanical	14 SF
67	Plumbing	2 SF
68	Plumbing	8 SF
69	Mechanical	4 SF
70	Plumbing	2 SF
71	Mechanical	11 SF
72	Mechanical	10 SF
73	Mechanical	7 SF
74	Mechanical	1 SF
75	Electrical	1 SF
76	Plumbing	9 SF
77	Mechanical	2 SF
78	Mechanical	5 SF
79	Plumbing	4 SF
80	Mechanical	12 SF
81	Plumbing	5 SF
82	Mechanical	5 SF
83	Plumbing	3 SF
84	Mechanical	11 SF
85	Mechanical	1 SF
86	Plumbing	3 SF
87	Plumbing	9 SF
88	Electrical	4 SF
89	Electrical	42 SF
90	Mechanical	39 SF
91	Plumbing	34 SF
92	Plumbing	11 SF
93	Plumbing	4 SF
94	Mechanical	11 SF
95	Plumbing	3 SF
96	Mechanical	17 SF
97	Mechanical	2 SF
98	Electrical	1 SF
99	Mechanical	6 SF
100	Mechanical	10 SF
101	Electrical	12 SF
102	Plumbing	8 SF
103	Mechanical	9 SF
Grand total: 104		797 SF

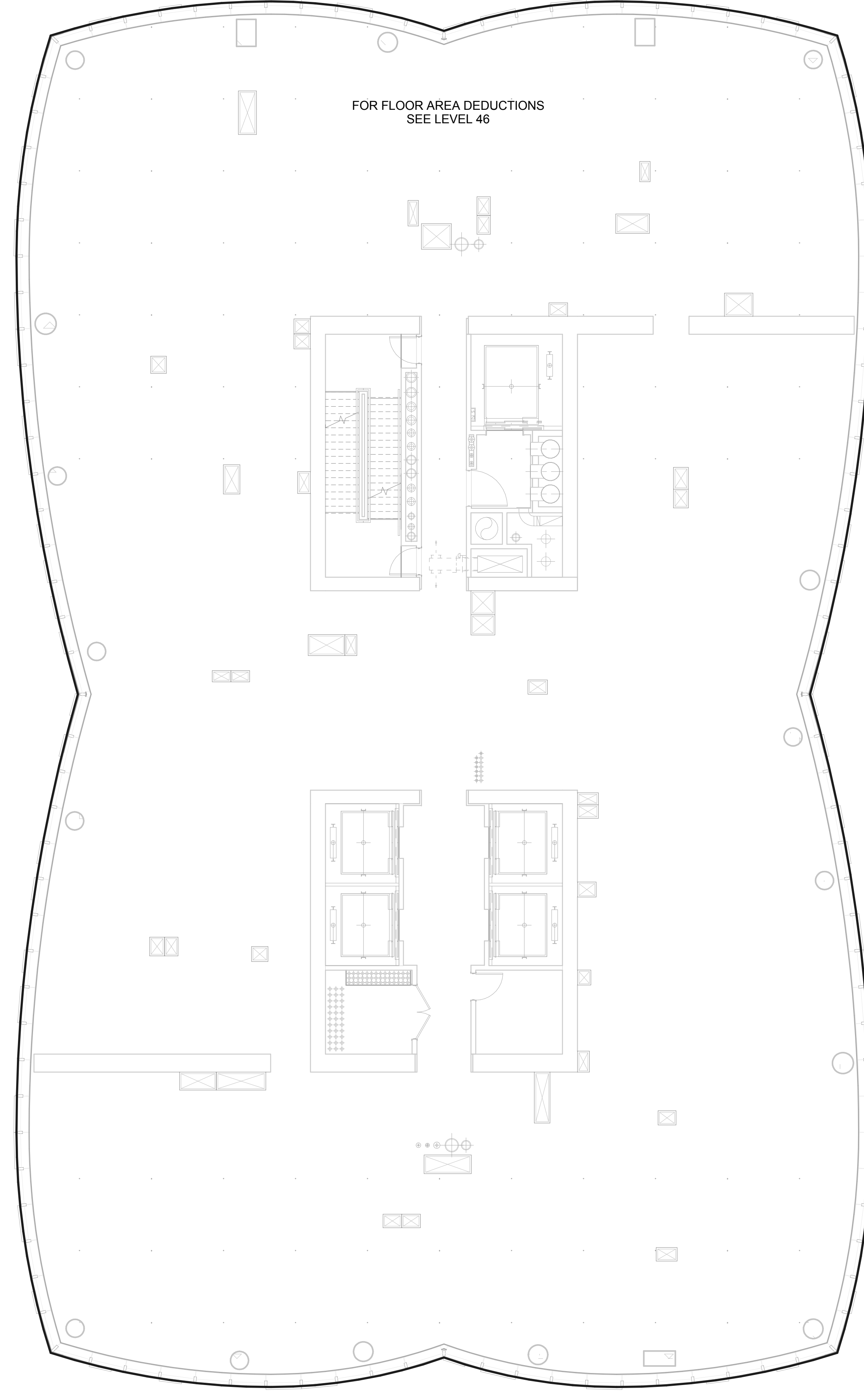
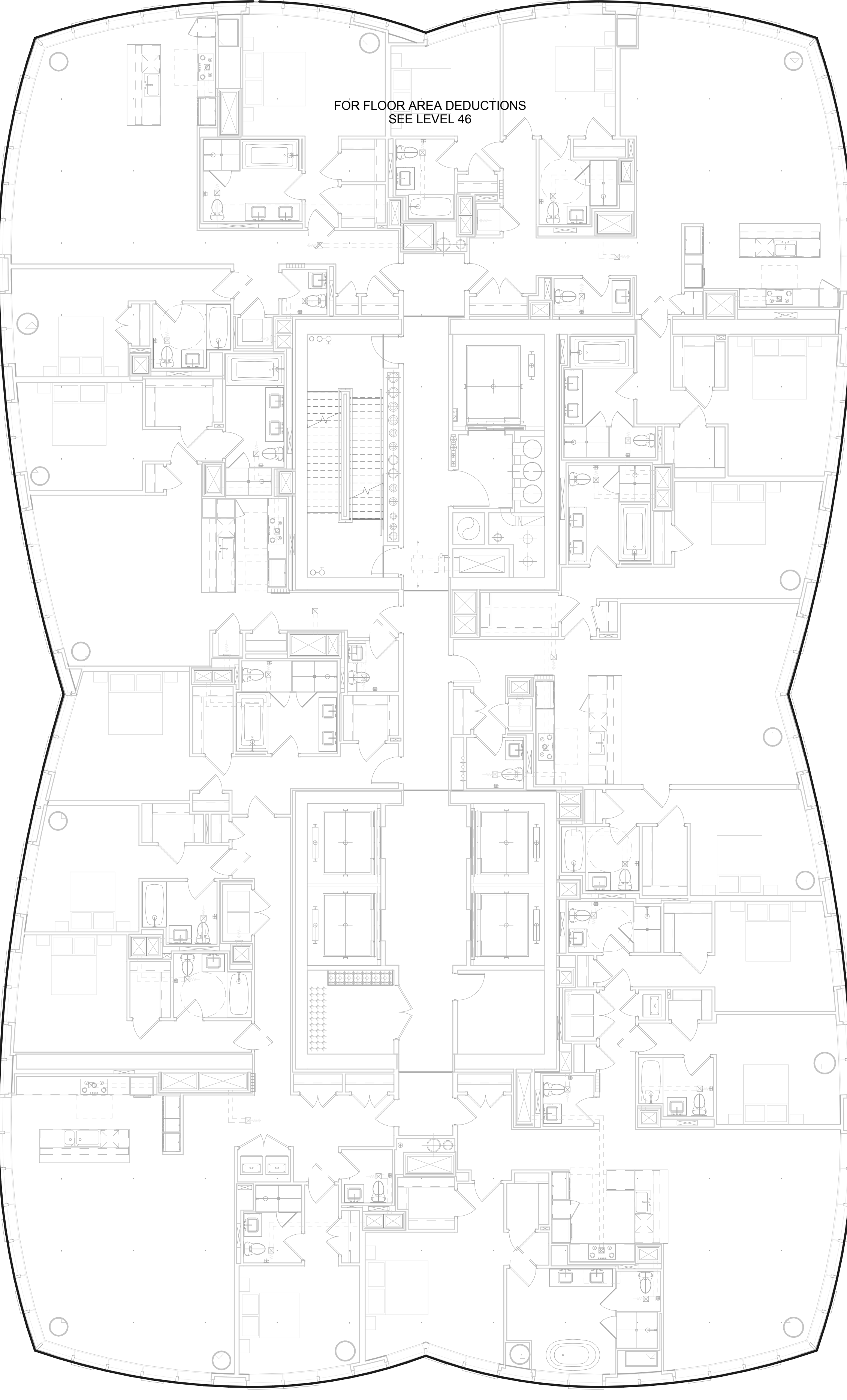
54- Gross Floor Area	
	13,804 SF
54 - Zoning Floor Area	
	13,007 SF

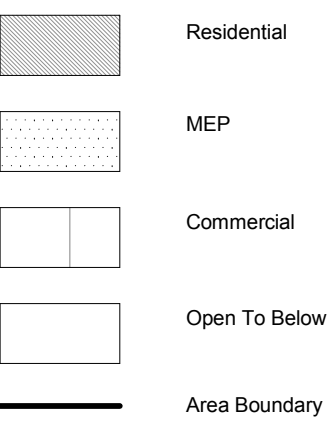
**ZONING FLOOR AREA PLAN - LVL 54TH**     **1**  
1/8" = 1'-0"

ZFA Deductions - Levels 46 - 55		
Zoning Deduction #	Zoning Area Type	GFA
1	Plumbing	2 SF
2	Mechanical	5 SF
3	Plumbing	6 SF
4	Plumbing	4 SF
5	Plumbing	2 SF
6	Mechanical	4 SF
7	Mechanical	20 SF
8	Mechanical	10 SF
9	Mechanical	1 SF
10	Mechanical	3 SF
11	Electrical	1 SF
12	Mechanical	10 SF
13	Plumbing	5 SF
14	Plumbing	2 SF
15	Mechanical	6 SF
16	Plumbing	8 SF
17	Mechanical	6 SF
18	Plumbing	3 SF
19	Plumbing	5 SF
20	Plumbing	5 SF
21	Mechanical	1 SF
22	Plumbing	13 SF
23	Mechanical	11 SF
24	Plumbing	5 SF
25	Mechanical	10 SF
26	Electrical	34 SF
27	Plumbing	6 SF
28	Mechanical	4 SF
29	Electrical	21 SF
30	Mechanical	23 SF
31	Plumbing	5 SF
32	Plumbing	2 SF
33	Mechanical	5 SF
34	Mechanical	10 SF
35	Plumbing	3 SF
36	Plumbing	7 SF
37	Mechanical	20 SF
38	Mechanical	3 SF
39	Plumbing	2 SF
40	Plumbing	4 SF
41	Plumbing	4 SF
42	Mechanical	18 SF
43	Plumbing	2 SF
44	Mechanical	9 SF
45	Electrical	1 SF
46	Fire Protection	3 SF
47	Plumbing	3 SF
48	Mechanical	5 SF
49	Plumbing	2 SF
50	Mechanical	9 SF
51	Plumbing	12 SF
52	Star Deduction	18 SF
53	Star Deduction	13 SF
54	Fire Protection	3 SF
55	Mechanical	8 SF
56	Mechanical	12 SF
57	Plumbing	2 SF
58	Plumbing	5 SF
59	Mechanical	6 SF
60	Mechanical	2 SF
61	Plumbing	11 SF
62	Electrical	1 SF
63	Plumbing	6 SF
64	Plumbing	3 SF
65	Plumbing	3 SF
66	Mechanical	14 SF
67	Plumbing	2 SF
68	Plumbing	8 SF
69	Mechanical	4 SF
70	Plumbing	2 SF
71	Mechanical	11 SF
72	Mechanical	10 SF
73	Mechanical	7 SF
74	Mechanical	1 SF
75	Electrical	1 SF
76	Plumbing	9 SF
77	Mechanical	2 SF
78	Mechanical	5 SF
79	Plumbing	4 SF
80	Mechanical	12 SF
81	Plumbing	5 SF
82	Mechanical	5 SF
83	Plumbing	3 SF
84	Mechanical	11 SF
85	Mechanical	1 SF
86	Plumbing	3 SF
87	Plumbing	9 SF
88	Electrical	4 SF
89	Electrical	42 SF
90	Mechanical	39 SF
91	Plumbing	34 SF
92	Plumbing	11 SF
93	Plumbing	4 SF
94	Mechanical	11 SF
95	Plumbing	3 SF
96	Mechanical	17 SF
97	Mechanical	2 SF
98	Electrical	1 SF
99	Mechanical	6 SF
100	Mechanical	10 SF
101	Electrical	12 SF
102	Plumbing	8 SF
103	Mechanical	9 SF
Grand total: 104		797 SF

55- Gross Floor Area	
	13,751 SF
55 - Zoning Floor Area	
	12954

**ZONING FLOOR AREA PLAN - LVL 55TH**     **2**  
1/8" = 1'-0"





OWNER:  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

EXECUTIVE ARCHITECT:  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

DESIGNER:  
Diller Scofidio+Renfro  
601 West 26 Street, 1815  
New York, New York 10001  
T: 212.269.7071

DESIGNER:  
Rockwell Group  
5 Union Square, West  
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STRUCTURAL ENGINEER:  
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MEP ENGINEER:  
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T: 212.530.9300

EXTERIOR WALL CONSULTANT:  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689.5398

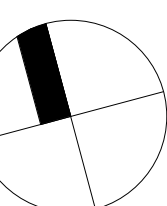
VERTICAL TRANSPORTATION:  
VDA  
5 Regent Street, Suite 524  
Lewiston, NJ 07039  
T: 973-994-9220

LEED CONSULTANT:  
Viridian  
300 Park Avenue South, 15th Floor  
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LANDSCAPE DESIGNER:  
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200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-0270

KEY PLAN



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISION DD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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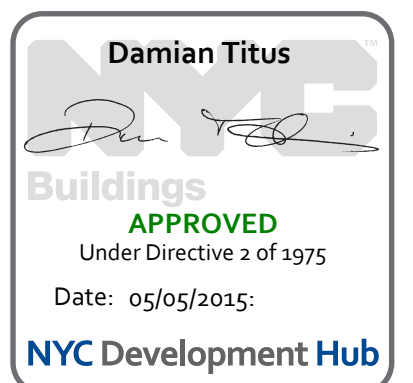
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DRAWING SCALE  
As indicated

PROJECT NUMBER

TITLE  
Zoning Floor Area Plans\_56-57

DRAWING NO.  
**Z-156.00**

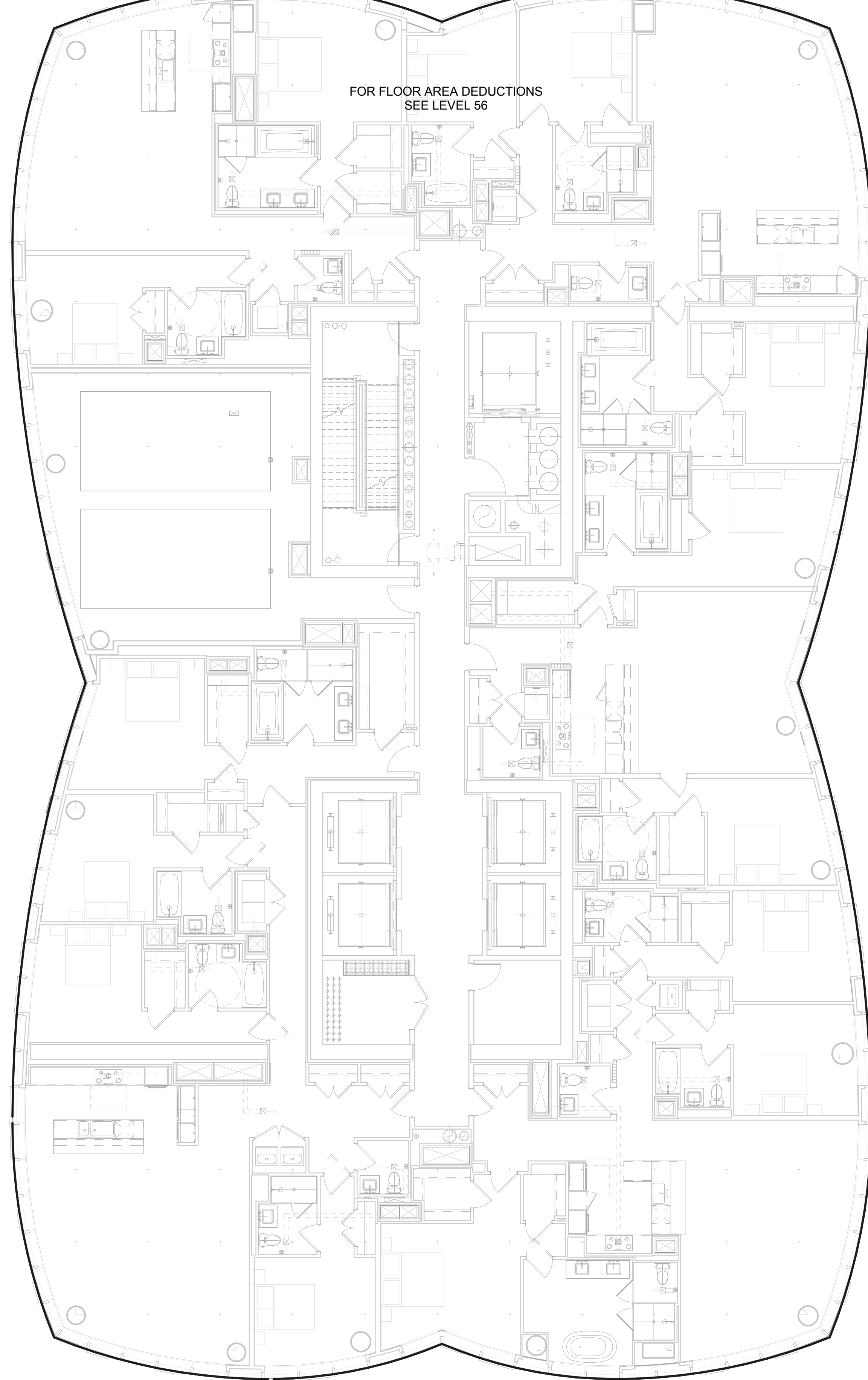


Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	10.5F
2	Plumbing	2.5F
3	Mechanical	6.5F
4	Plumbing	5.5F
5	Plumbing	2.5F
6	Mechanical	2.5F
7	Plumbing	8.5F
8	Mechanical	3.5F
9	Mechanical	10.5F
10	Mechanical	20.5F
11	Mechanical	14.5F
12	Plumbing	5.5F
13	Mechanical	3.5F
14	Electrical	1.5F
15	Plumbing	1.5F
16	Mechanical	6.5F
17	Plumbing	8.5F
18	Mechanical	9.5F
19	Plumbing	4.5F
20	Plumbing	5.5F
21	Plumbing	5.5F
22	Mechanical	1.5F
23	Plumbing	13.5F
24	Mechanical	16.5F
25	Mechanical	10.5F
26	Plumbing	5.5F
27	Plumbing	6.5F
28	Plumbing	9.5F
29	Mechanical	21.5F
30	Plumbing	5.5F
31	Mechanical	23.5F
32	Electrical	1.5F
33	Electrical	34.5F
34	Plumbing	2.5F
35	Mechanical	5.5F
36	Mechanical	20.5F
37	Plumbing	7.5F
38	Mechanical	10.5F
39	Plumbing	2.5F
40	Mechanical	3.5F
41	Plumbing	2.5F
42	Mechanical	1.5F
43	Plumbing	4.5F
44	Plumbing	2.5F
45	Mechanical	18.5F
46	Plumbing	2.5F
47	Mechanical	9.5F
48	Mechanical	9.5F
49	Fire Protection	3.5F
50	Mechanical	5.5F
51	Star Deduction	16.5F
52	Star Deduction	13.5F
53	Fire Protection	4.5F
54	Mechanical	9.5F
55	Mechanical	12.5F
56	Plumbing	2.5F
57	Plumbing	6.5F
58	Mechanical	5.5F
59	Mechanical	2.5F
60	Electrical	1.5F
61	Plumbing	5.5F
62	Plumbing	11.5F
63	Plumbing	3.5F
64	Plumbing	3.5F
65	Mechanical	14.5F
66	Plumbing	3.5F
67	Plumbing	7.5F
68	Mechanical	6.5F
69	Mechanical	11.5F
70	Plumbing	10.5F
71	Plumbing	2.5F
72	Mechanical	7.5F
73	Mechanical	3.5F
74	Electrical	1.5F
75	Plumbing	8.5F
76	Mechanical	3.5F
77	Mechanical	3.5F
78	Plumbing	2.5F
79	Mechanical	12.5F
80	Plumbing	2.5F
81	Mechanical	5.5F
82	Plumbing	3.5F
83	Mechanical	12.5F
84	Mechanical	1.5F
85	Plumbing	6.5F
86	Plumbing	4.5F
87	Plumbing	3.5F
88	Plumbing	3.5F
89	Plumbing	3.5F
90	Plumbing	3.5F
91	Mechanical	11.5F
92	Plumbing	15.5F
93	Electrical	4.5F
94	Electrical	44.5F
95	Mechanical	39.5F
96	Plumbing	34.5F
97	Plumbing	3.5F
98	Mechanical	17.5F
99	Electrical	1.5F
100	Mechanical	5.5F
101	Mechanical	10.5F
102	Electrical	12.5F
103	Plumbing	5.5F
105	Fire Protection	494.5F
Grand total: 104		1,294.5F

56- Gross Floor Area		
		13,697 SF
56 - Zoning Floor Area		
Net		12,403 SF

Zoning Deduction #	Zoning Area Type	GFA
1	Mechanical	15.5F
2	Plumbing	2.5F
3	Mechanical	6.5F
4	Plumbing	5.5F
5	Plumbing	2.5F
6	Mechanical	2.5F
7	Plumbing	8.5F
8	Mechanical	3.5F
9	Mechanical	10.5F
10	Mechanical	20.5F
11	Mechanical	14.5F
12	Plumbing	5.5F
13	Mechanical	3.5F
14	Electrical	1.5F
15	Plumbing	1.5F
16	Mechanical	6.5F
17	Plumbing	8.5F
18	Mechanical	9.5F
19	Plumbing	4.5F
20	Plumbing	5.5F
21	Plumbing	5.5F
22	Mechanical	1.5F
23	Plumbing	13.5F
24	Mechanical	16.5F
25	Mechanical	10.5F
26	Plumbing	5.5F
27	Plumbing	6.5F
28	Plumbing	9.5F
29	Mechanical	21.5F
30	Plumbing	5.5F
31	Mechanical	23.5F
32	Electrical	1.5F
33	Electrical	34.5F
34	Plumbing	2.5F
35	Mechanical	5.5F
36	Mechanical	20.5F
37	Plumbing	7.5F
38	Mechanical	10.5F
39	Plumbing	2.5F
40	Mechanical	3.5F
41	Plumbing	2.5F
42	Mechanical	1.5F
43	Plumbing	4.5F
44	Plumbing	2.5F
45	Mechanical	18.5F
46	Plumbing	2.5F
47	Mechanical	9.5F
48	Mechanical	9.5F
49	Fire Protection	3.5F
50	Mechanical	5.5F
51	Star Deduction	16.5F
52	Star Deduction	13.5F
53	Fire Protection	4.5F
54	Mechanical	9.5F
55	Mechanical	12.5F
56	Plumbing	2.5F
57	Plumbing	6.5F
58	Mechanical	5.5F
59	Mechanical	2.5F
60	Electrical	1.5F
61	Plumbing	5.5F
62	Plumbing	11.5F
63	Plumbing	3.5F
64	Plumbing	3.5F
65	Mechanical	14.5F
66	Plumbing	3.5F
67	Plumbing	7.5F
68	Mechanical	6.5F
69	Mechanical	11.5F
70	Plumbing	10.5F
71	Plumbing	2.5F
72	Mechanical	7.5F
73	Mechanical	3.5F
74	Electrical	1.5F
75	Plumbing	8.5F
76	Mechanical	3.5F
77	Mechanical	3.5F
78	Plumbing	2.5F
79	Mechanical	12.5F
80	Plumbing	2.5F
81	Mechanical	5.5F
82	Plumbing	3.5F
83	Mechanical	12.5F
84	Mechanical	1.5F
85	Plumbing	6.5F
86	Plumbing	4.5F
87	Plumbing	3.5F
88	Plumbing	3.5F
89	Plumbing	3.5F
90	Plumbing	3.5F
91	Mechanical	11.5F
92	Plumbing	15.5F
93	Electrical	4.5F
94	Electrical	44.5F
95	Mechanical	39.5F
96	Plumbing	34.5F
97	Plumbing	3.5F
98	Mechanical	17.5F
99	Electrical	1.5F
100	Mechanical	5.5F
101	Mechanical	10.5F
102	Electrical	12.5F
103	Plumbing	5.5F
105	Fire Protection	494.5F
Grand total: 104		1,294.5F

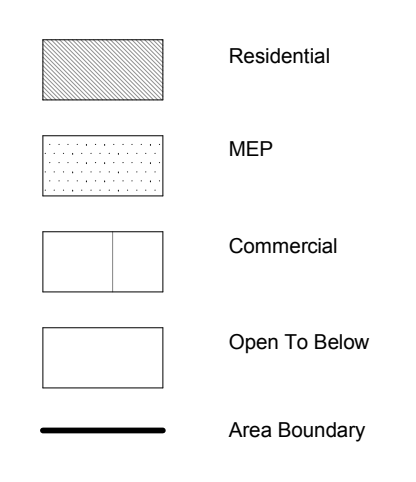
57- Gross Floor Area		
		13,641 SF
57 - Zoning Floor Area		
		12,349 SF



ZONING FLOOR AREA PLAN - LVL 56TH 1  
1/8" = 1'-0"

ZONING FLOOR AREA PLAN - LVL 57TH 2  
1/8" = 1'-0"

**ZONING USE KEY / LEGEND**



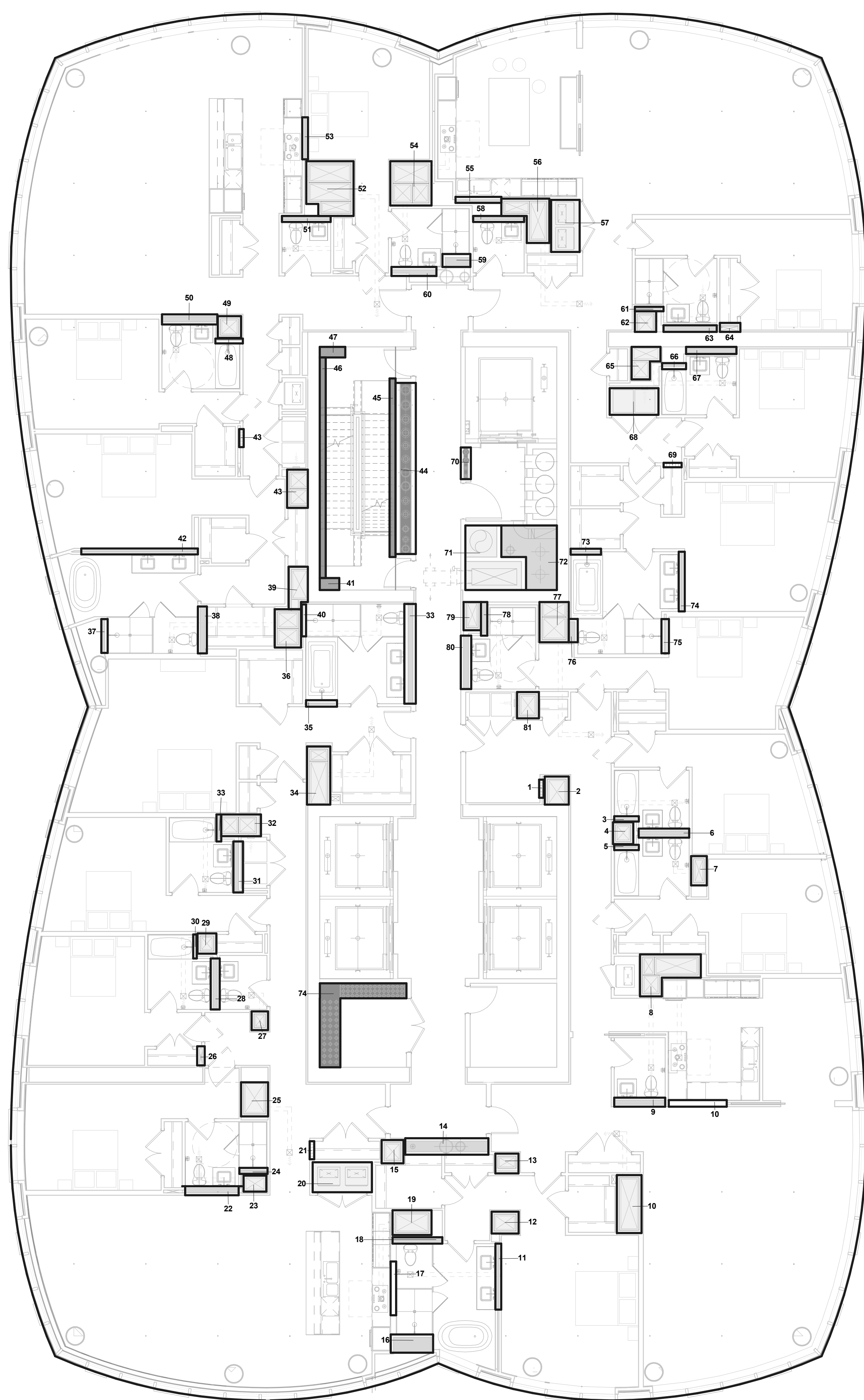
**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

Zoning Deduction #	Zoning Area Type	GFA
1	Electrical	1 SF
2	Mechanical	8 SF
3	Plumbing	2 SF
4	Mechanical	5 SF
5	Plumbing	2 SF
6	Plumbing	Redundant Area
7	Mechanical	6 SF
8	Mechanical	22 SF
9	Plumbing	5 SF
10	Mechanical	18 SF
11	Plumbing	5 SF
12	Mechanical	7 SF
13	Mechanical	6 SF
14	Plumbing	17 SF
15	Mechanical	6 SF
16	Plumbing	10 SF
17	Plumbing	4 SF
18	Plumbing	5 SF
19	Mechanical	13 SF
20	Mechanical	22 SF
21	Electrical	1 SF
22	Plumbing	6 SF
23	Mechanical	5 SF
24	Plumbing	2 SF
25	Mechanical	11 SF
26	Mechanical	2 SF
27	Mechanical	4 SF
28	Plumbing	5 SF
29	Mechanical	5 SF
30	Plumbing	1 SF
31	Plumbing	6 SF
32	Mechanical	11 SF
33	Plumbing	14 SF
33	Plumbing	2 SF
34	Mechanical	17 SF
35	Plumbing	3 SF
36	Mechanical	12 SF
37	Plumbing	3 SF
38	Plumbing	5 SF
39	Mechanical	9 SF
40	Plumbing	2 SF
41	Fire Protection	3 SF
42	Plumbing	9 SF
43	Mechanical	10 SF
43	Electrical	1 SF
44	Electrical	43 SF
45	Stair Deduction	13 SF
46	Stair Deduction	16 SF
47	Fire Protection	2 SF
48	Plumbing	2 SF
49	Mechanical	6 SF
50	Plumbing	7 SF
51	Plumbing	4 SF
52	Mechanical	30 SF
53	Plumbing	3 SF
54	Mechanical	23 SF
55	Plumbing	3 SF
56	Mechanical	16 SF
57	Mechanical	18 SF
58	Plumbing	4 SF
59	Plumbing	4 SF
60	Plumbing	5 SF
61	Plumbing	2 SF
62	Mechanical	5 SF
63	Plumbing	4 SF
64	Mechanical	2 SF
65	Mechanical	9 SF
66	Plumbing	2 SF
67	Plumbing	4 SF
68	Mechanical	10 SF
69	Electrical	1 SF
70	Electrical	4 SF
71	Mechanical	39 SF
72	Plumbing	34 SF
73	Plumbing	2 SF
74	Electrical	34 SF
74	Plumbing	4 SF
75	Plumbing	3 SF
76	Plumbing	3 SF
77	Mechanical	14 SF
78	Plumbing	3 SF
79	Mechanical	6 SF
80	Plumbing	7 SF
81	Mechanical	7 SF
Grand total: 86		727 SF

58- Gross Floor Area 13,579 SF

58 - Zoning Floor Area Net 12,852 SF

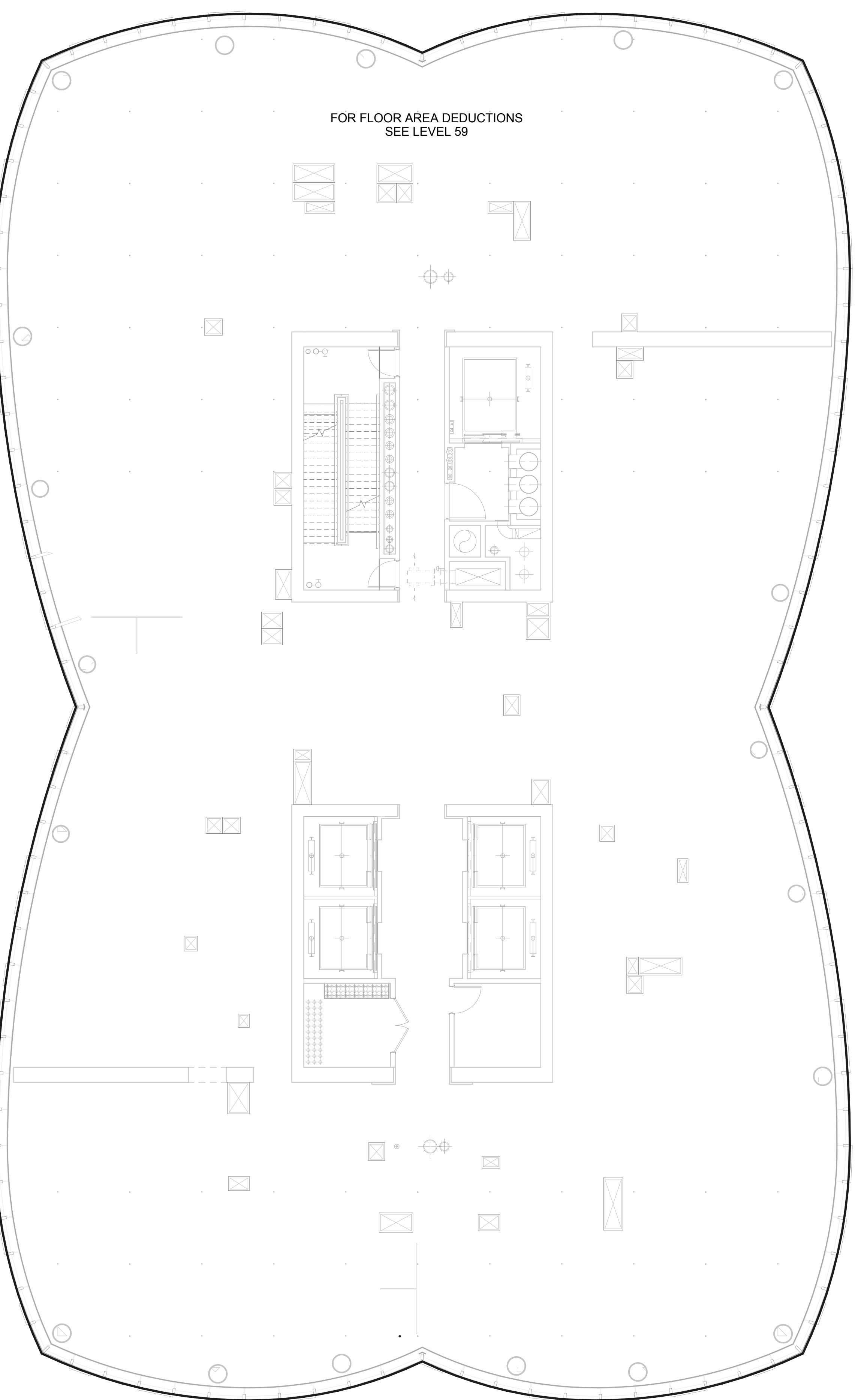


ZONING FLOOR AREA PLAN - LVL 58TH **1**  
1/8" = 1'-0"

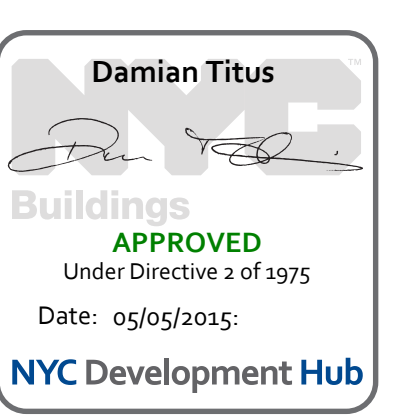
Zoning Deduction #	Zoning Area Type	GFA
1	Electrical	1 SF
2	Mechanical	8 SF
3	Plumbing	2 SF
4	Mechanical	5 SF
5	Plumbing	2 SF
6	Plumbing	Redundant Area
7	Mechanical	6 SF
8	Mechanical	22 SF
9	Plumbing	5 SF
10	Mechanical	18 SF
11	Plumbing	5 SF
12	Mechanical	7 SF
13	Mechanical	6 SF
14	Plumbing	17 SF
15	Mechanical	6 SF
16	Plumbing	10 SF
17	Plumbing	4 SF
18	Plumbing	5 SF
19	Mechanical	13 SF
20	Mechanical	22 SF
21	Electrical	1 SF
22	Plumbing	6 SF
23	Mechanical	5 SF
24	Plumbing	2 SF
25	Mechanical	11 SF
26	Mechanical	2 SF
27	Mechanical	4 SF
28	Plumbing	5 SF
29	Mechanical	5 SF
30	Plumbing	1 SF
31	Plumbing	6 SF
32	Mechanical	11 SF
33	Plumbing	14 SF
33	Plumbing	2 SF
34	Mechanical	17 SF
35	Plumbing	3 SF
36	Mechanical	12 SF
37	Plumbing	3 SF
38	Plumbing	5 SF
39	Mechanical	9 SF
40	Plumbing	2 SF
41	Fire Protection	3 SF
42	Plumbing	9 SF
43	Mechanical	10 SF
43	Electrical	1 SF
44	Electrical	43 SF
45	Stair Deduction	13 SF
46	Stair Deduction	16 SF
47	Fire Protection	2 SF
48	Plumbing	2 SF
49	Mechanical	6 SF
50	Plumbing	7 SF
51	Plumbing	4 SF
52	Mechanical	30 SF
53	Plumbing	3 SF
54	Mechanical	23 SF
55	Plumbing	3 SF
56	Mechanical	16 SF
57	Mechanical	18 SF
58	Plumbing	4 SF
59	Plumbing	4 SF
60	Plumbing	5 SF
61	Plumbing	2 SF
62	Mechanical	5 SF
63	Plumbing	4 SF
64	Mechanical	2 SF
65	Mechanical	9 SF
66	Plumbing	2 SF
67	Plumbing	4 SF
68	Mechanical	10 SF
69	Electrical	1 SF
70	Electrical	4 SF
71	Mechanical	39 SF
72	Plumbing	34 SF
73	Plumbing	2 SF
74	Electrical	34 SF
74	Plumbing	4 SF
75	Plumbing	3 SF
76	Plumbing	3 SF
77	Mechanical	14 SF
78	Plumbing	3 SF
79	Mechanical	6 SF
80	Plumbing	7 SF
81	Mechanical	7 SF
Grand total: 86		727 SF

59- Gross Floor Area 13,520 SF

59 - Zoning Floor Area Net 12,793 SF

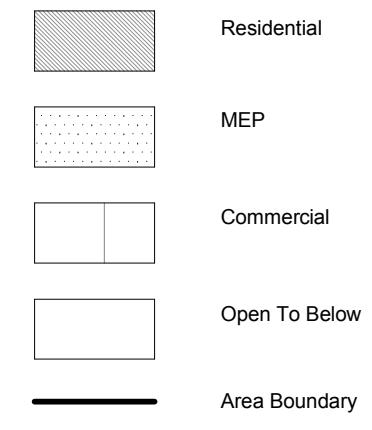


ZONING FLOOR AREA PLAN - LVL 59TH **2**  
1/8" = 1'-0"





ZONING USE KEY / LEGEND



15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Leyva Architects  
48 West 37th Street  
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**DESIGNER:**  
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**DESIGNER:**  
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**STRUCTURAL ENGINEER:**  
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228 E. 45th Street  
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T: 212.697.9888

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530.9300

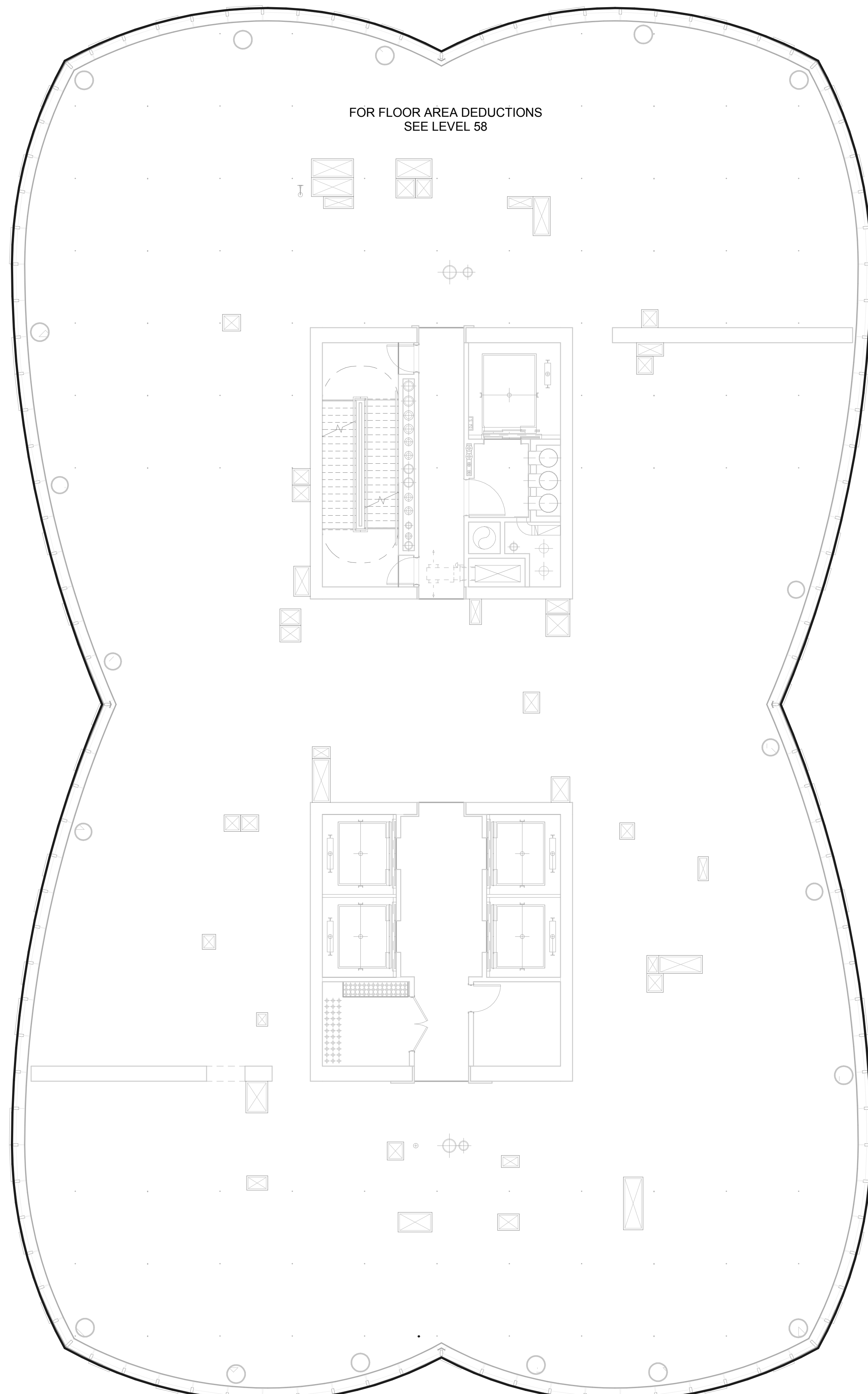
**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5388

**VERTICAL TRANSPORTATION:**  
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**LEED CONSULTANT:**  
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360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.370-1776

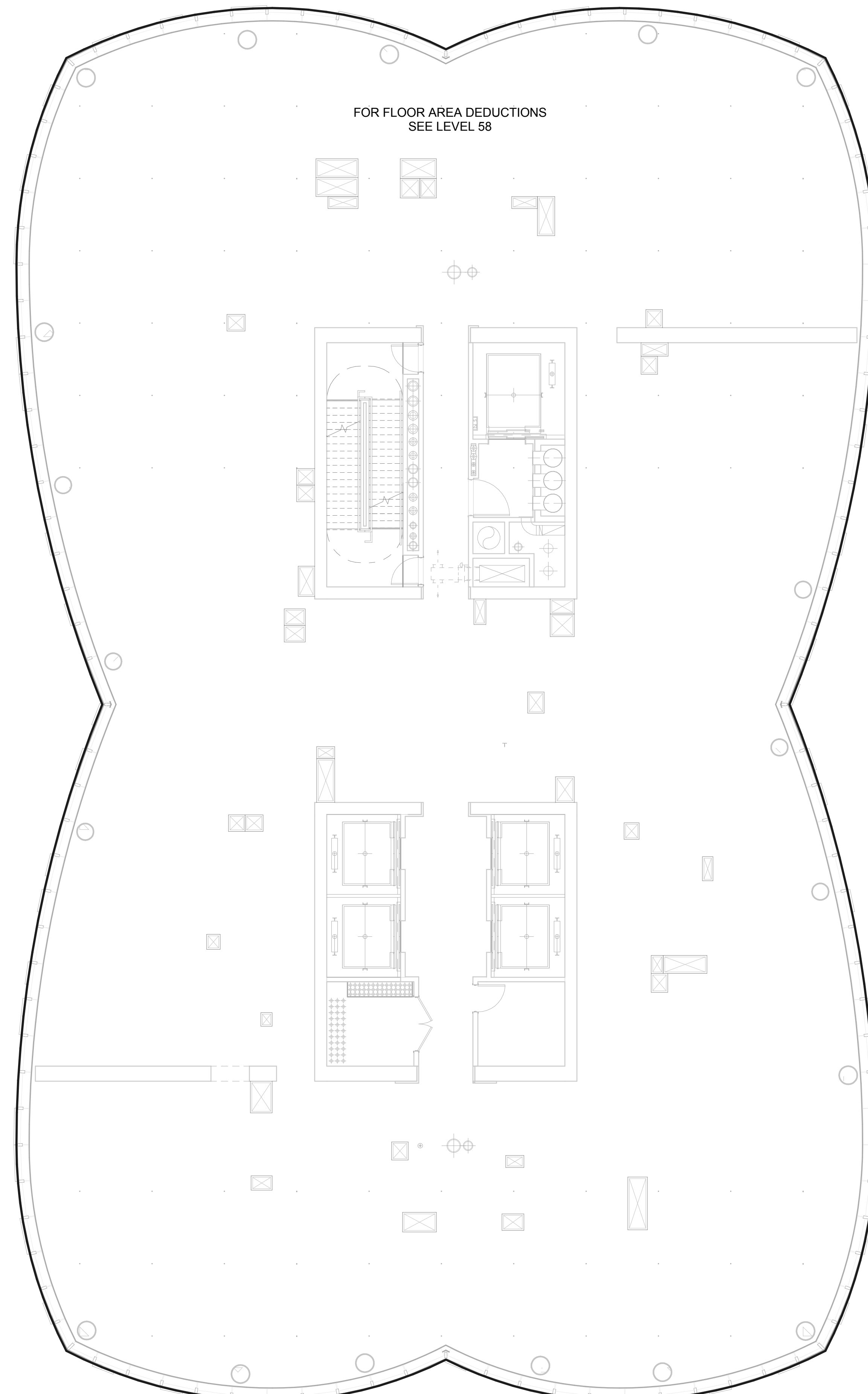
**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270



ZFA Deductions - Levels 58 - 63

Zoning Deduction #	Zoning Area Type	GFA
1	Electrical	6 SF
2	Mechanical	8 SF
3	Plumbing	2 SF
4	Mechanical	5 SF
5	Plumbing	2 SF
6	Plumbing	Redundant Area
7	Mechanical	6 SF
8	Mechanical	22 SF
9	Plumbing	6 SF
10	Mechanical	18 SF
11	Plumbing	5 SF
12	Mechanical	7 SF
13	Mechanical	6 SF
14	Plumbing	17 SF
15	Mechanical	6 SF
16	Plumbing	10 SF
17	Plumbing	4 SF
18	Plumbing	4 SF
19	Mechanical	12 SF
20	Mechanical	22 SF
21	Electrical	1 SF
22	Plumbing	6 SF
23	Mechanical	5 SF
24	Plumbing	2 SF
25	Mechanical	11 SF
26	Mechanical	2 SF
27	Mechanical	4 SF
28	Plumbing	6 SF
29	Mechanical	5 SF
30	Plumbing	1 SF
31	Mechanical	11 SF
32	Plumbing	14 SF
33	Plumbing	2 SF
34	Mechanical	17 SF
35	Plumbing	3 SF
36	Mechanical	12 SF
37	Plumbing	3 SF
38	Plumbing	5 SF
39	Mechanical	9 SF
40	Plumbing	2 SF
41	Fire Protection	3 SF
42	Plumbing	9 SF
43	Mechanical	10 SF
43	Electrical	1 SF
44	Electrical	43 SF
45	Star Deduction	13 SF
46	Star Deduction	16 SF
47	Fire Protection	3 SF
48	Plumbing	2 SF
49	Mechanical	6 SF
50	Plumbing	7 SF
51	Plumbing	4 SF
52	Mechanical	30 SF
53	Plumbing	3 SF
54	Mechanical	23 SF
55	Plumbing	3 SF
56	Mechanical	18 SF
57	Mechanical	18 SF
58	Plumbing	4 SF
59	Plumbing	4 SF
60	Plumbing	5 SF
61	Plumbing	2 SF
62	Mechanical	5 SF
63	Plumbing	4 SF
64	Mechanical	2 SF
65	Mechanical	9 SF
66	Plumbing	2 SF
67	Plumbing	4 SF
68	Mechanical	16 SF
69	Electrical	1 SF
70	Electrical	4 SF
71	Mechanical	39 SF
72	Plumbing	34 SF
73	Plumbing	2 SF
74	Electrical	34 SF
74	Plumbing	4 SF
75	Plumbing	3 SF
76	Plumbing	3 SF
77	Mechanical	14 SF
78	Plumbing	3 SF
79	Mechanical	6 SF
80	Plumbing	7 SF
81	Mechanical	7 SF
Grand total: 86		727 SF

61- Gross Floor Area	13,397 SF
61 - Zoning Floor Area	12,670 SF



ZFA Deductions - Levels 58 - 63

Zoning Deduction #	Zoning Area Type	GFA
1	Electrical	1 SF
2	Mechanical	8 SF
3	Plumbing	2 SF
4	Mechanical	5 SF
5	Plumbing	2 SF
6	Plumbing	Redundant Area
7	Mechanical	6 SF
8	Mechanical	22 SF
9	Plumbing	6 SF
10	Mechanical	18 SF
11	Plumbing	5 SF
12	Mechanical	7 SF
13	Mechanical	6 SF
14	Plumbing	17 SF
15	Mechanical	6 SF
16	Plumbing	10 SF
17	Plumbing	4 SF
18	Plumbing	4 SF
19	Mechanical	12 SF
20	Mechanical	22 SF
21	Electrical	1 SF
22	Plumbing	6 SF
23	Mechanical	5 SF
24	Plumbing	2 SF
25	Mechanical	11 SF
26	Mechanical	2 SF
27	Mechanical	4 SF
28	Plumbing	6 SF
29	Mechanical	5 SF
30	Plumbing	1 SF
31	Mechanical	11 SF
32	Plumbing	14 SF
33	Plumbing	2 SF
34	Mechanical	17 SF
35	Plumbing	3 SF
36	Mechanical	12 SF
37	Plumbing	3 SF
38	Plumbing	5 SF
39	Mechanical	9 SF
40	Plumbing	2 SF
41	Fire Protection	3 SF
42	Plumbing	9 SF
43	Mechanical	10 SF
43	Electrical	1 SF
44	Electrical	43 SF
45	Star Deduction	13 SF
46	Star Deduction	16 SF
47	Fire Protection	3 SF
48	Plumbing	2 SF
49	Mechanical	6 SF
50	Plumbing	7 SF
51	Plumbing	4 SF
52	Mechanical	30 SF
53	Plumbing	3 SF
54	Mechanical	23 SF
55	Plumbing	3 SF
56	Mechanical	18 SF
57	Mechanical	18 SF
58	Plumbing	4 SF
59	Plumbing	4 SF
60	Plumbing	5 SF
61	Plumbing	2 SF
62	Mechanical	5 SF
63	Plumbing	4 SF
64	Mechanical	2 SF
65	Mechanical	9 SF
66	Plumbing	2 SF
67	Plumbing	4 SF
68	Mechanical	16 SF
69	Electrical	1 SF
70	Electrical	4 SF
71	Mechanical	39 SF
72	Plumbing	34 SF
73	Plumbing	2 SF
74	Electrical	34 SF
74	Plumbing	4 SF
75	Plumbing	3 SF
76	Plumbing	3 SF
77	Mechanical	14 SF
78	Plumbing	3 SF
79	Mechanical	6 SF
80	Plumbing	7 SF
81	Mechanical	7 SF
Grand total: 86		727 SF

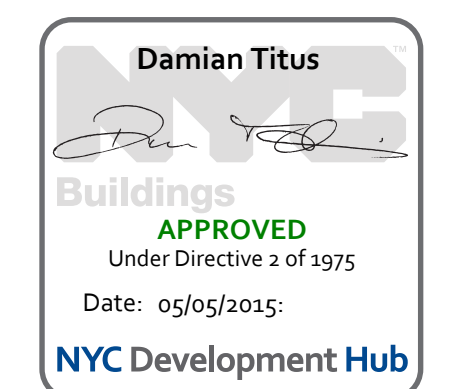
60- Gross Floor Area	13,459 SF
60 - Zoning Floor Area	12,732 SF

ZONING FLOOR AREA PLAN - LVL 61ST

2  
1/8" = 1'-0"

ZONING FLOOR AREA PLAN - LVL 60TH

1  
1/8" = 1'-0"



**DATE OF PRINT:**  
1/19/2015 3:40:24 PM

**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
Zoning Floor Area Plans\_60-61

**DRAWING NO.:**  
Z-160.00

OWNER:  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

EXECUTIVE ARCHITECT:  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

DESIGNER:  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.697.7971

DESIGNER:  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
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STRUCTURAL ENGINEER:  
WSP Cantor Seinuk  
228 E 45th Street  
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MEP ENGINEER:  
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80 Pine Street  
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EXTERIOR WALL CONSULTANT:  
Israel Berger & Associates  
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New York, NY 10010  
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ACOUSTICAL CONSULTANTS:  
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LANDSCAPE DESIGNER:  
Nelson Acre  
200 Park Avenue South, Suite 520  
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SHEET NOTES:

KEY PLAN

ISSUE SET

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	05.20.2014
FOUNDATION BID SET REV. 1	05.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



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DRAWING SCALE  
As indicated

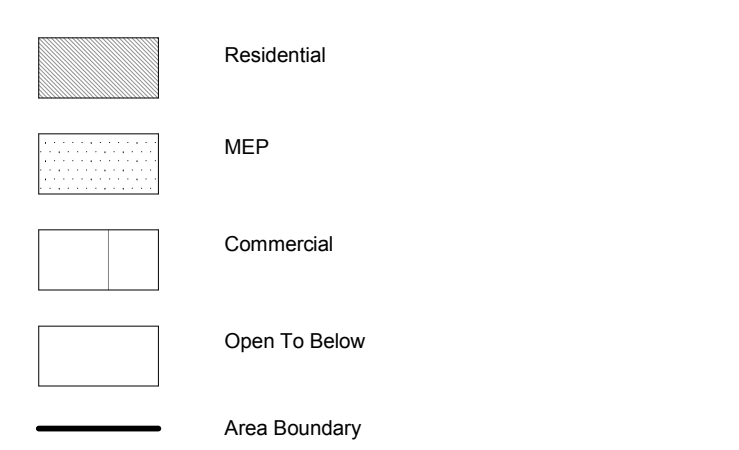
PROJECT NUMBER

TITLE  
Zoning Floor Area Plans\_62-63

DRAWING NO.

Z-162.00

ZONING USE KEY / LEGEND



Zoning Deduction #	Zoning Area Type	GFA
1	Electrical	1 SF
2	Mechanical	8 SF
3	Plumbing	2 SF
4	Mechanical	5 SF
5	Plumbing	2 SF
6	Plumbing	Redundant Area
7	Mechanical	6 SF
8	Mechanical	22 SF
9	Plumbing	6 SF
10	Mechanical	18 SF
11	Plumbing	5 SF
12	Mechanical	7 SF
13	Mechanical	6 SF
14	Plumbing	17 SF
15	Mechanical	6 SF
16	Plumbing	10 SF
17	Plumbing	4 SF
18	Mechanical	13 SF
19	Mechanical	22 SF
20	Mechanical	23 SF
21	Electrical	1 SF
22	Plumbing	6 SF
23	Mechanical	5 SF
24	Plumbing	2 SF
25	Mechanical	11 SF
26	Mechanical	2 SF
27	Mechanical	4 SF
28	Plumbing	6 SF
29	Mechanical	5 SF
30	Plumbing	1 SF
31	Plumbing	6 SF
32	Mechanical	11 SF
33	Plumbing	14 SF
34	Plumbing	2 SF
35	Plumbing	17 SF
36	Plumbing	3 SF
37	Mechanical	12 SF
38	Plumbing	3 SF
39	Mechanical	5 SF
40	Plumbing	9 SF
41	Plumbing	2 SF
42	Fire Protection	3 SF
43	Plumbing	9 SF
44	Mechanical	10 SF
45	Electrical	1 SF
46	Electrical	43 SF
47	Star Deduction	13 SF
48	Star Deduction	16 SF
49	Fire Protection	3 SF
50	Plumbing	2 SF
51	Plumbing	6 SF
52	Plumbing	7 SF
53	Plumbing	4 SF
54	Mechanical	30 SF
55	Plumbing	3 SF
56	Mechanical	18 SF
57	Mechanical	18 SF
58	Plumbing	4 SF
59	Plumbing	4 SF
60	Plumbing	5 SF
61	Plumbing	2 SF
62	Mechanical	5 SF
63	Plumbing	4 SF
64	Mechanical	2 SF
65	Mechanical	9 SF
66	Plumbing	2 SF
67	Plumbing	4 SF
68	Mechanical	16 SF
69	Electrical	1 SF
70	Electrical	4 SF
71	Mechanical	39 SF
72	Plumbing	34 SF
73	Plumbing	2 SF
74	Electrical	34 SF
75	Plumbing	4 SF
76	Plumbing	3 SF
77	Mechanical	14 SF
78	Plumbing	3 SF
79	Mechanical	6 SF
80	Plumbing	7 SF
81	Mechanical	7 SF
Grand total: 86		1227 SF

63- Gross Floor Area	13,397 SF
63- Zoning Floor Area	12,670 SF

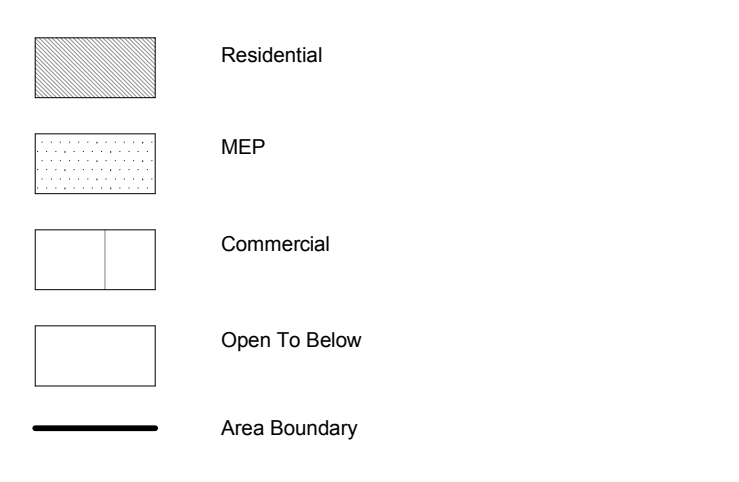
Zoning Deduction #	Zoning Area Type	GFA
1	Electrical	1 SF
2	Mechanical	8 SF
3	Plumbing	2 SF
4	Mechanical	5 SF
5	Plumbing	2 SF
6	Plumbing	Redundant Area
7	Mechanical	6 SF
8	Mechanical	22 SF
9	Plumbing	6 SF
10	Mechanical	18 SF
11	Plumbing	5 SF
12	Mechanical	7 SF
13	Mechanical	6 SF
14	Plumbing	17 SF
15	Mechanical	6 SF
16	Plumbing	10 SF
17	Plumbing	4 SF
18	Mechanical	13 SF
19	Mechanical	22 SF
20	Mechanical	23 SF
21	Electrical	1 SF
22	Plumbing	6 SF
23	Mechanical	5 SF
24	Plumbing	2 SF
25	Mechanical	11 SF
26	Mechanical	2 SF
27	Mechanical	4 SF
28	Plumbing	6 SF
29	Mechanical	5 SF
30	Plumbing	1 SF
31	Plumbing	6 SF
32	Mechanical	11 SF
33	Plumbing	14 SF
34	Plumbing	2 SF
35	Plumbing	17 SF
36	Plumbing	3 SF
37	Mechanical	12 SF
38	Plumbing	3 SF
39	Mechanical	5 SF
40	Plumbing	9 SF
41	Plumbing	2 SF
42	Fire Protection	3 SF
43	Plumbing	9 SF
44	Mechanical	10 SF
45	Electrical	1 SF
46	Electrical	43 SF
47	Star Deduction	13 SF
48	Star Deduction	16 SF
49	Fire Protection	3 SF
50	Plumbing	2 SF
51	Plumbing	6 SF
52	Plumbing	7 SF
53	Plumbing	4 SF
54	Mechanical	30 SF
55	Plumbing	3 SF
56	Mechanical	18 SF
57	Mechanical	18 SF
58	Plumbing	4 SF
59	Plumbing	4 SF
60	Plumbing	5 SF
61	Plumbing	2 SF
62	Mechanical	5 SF
63	Plumbing	4 SF
64	Mechanical	2 SF
65	Mechanical	9 SF
66	Plumbing	2 SF
67	Plumbing	4 SF
68	Mechanical	16 SF
69	Electrical	1 SF
70	Electrical	4 SF
71	Mechanical	39 SF
72	Plumbing	34 SF
73	Plumbing	2 SF
74	Electrical	34 SF
75	Plumbing	4 SF
76	Plumbing	3 SF
77	Mechanical	14 SF
78	Plumbing	3 SF
79	Mechanical	6 SF
80	Plumbing	7 SF
81	Mechanical	7 SF
Grand total: 86		1227 SF

62- Gross Floor Area	13,333 SF
62- Zoning Floor Area	12,606 SF

ZONING FLOOR AREA PLAN - LVL 63RD 2  
1/8" = 1'-0"

ZONING FLOOR AREA PLAN - LVL 62ND 1  
1/8" = 1'-0"

**ZONING USE KEY / LEGEND**



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Imael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7071

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9588

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-5000

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

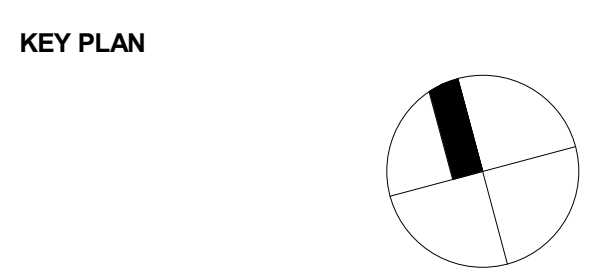
**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Lampington, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
330 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-770-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-2270

**SHEET NOTES:**



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.26.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

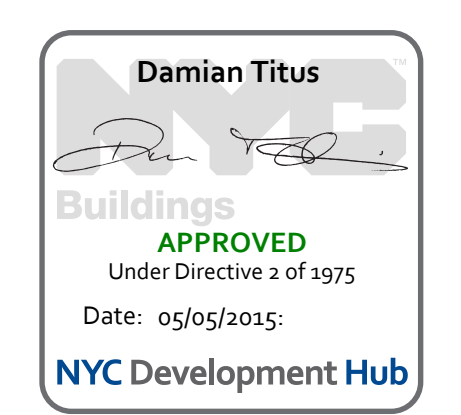
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**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
Zoning Floor Area Plans\_64-65

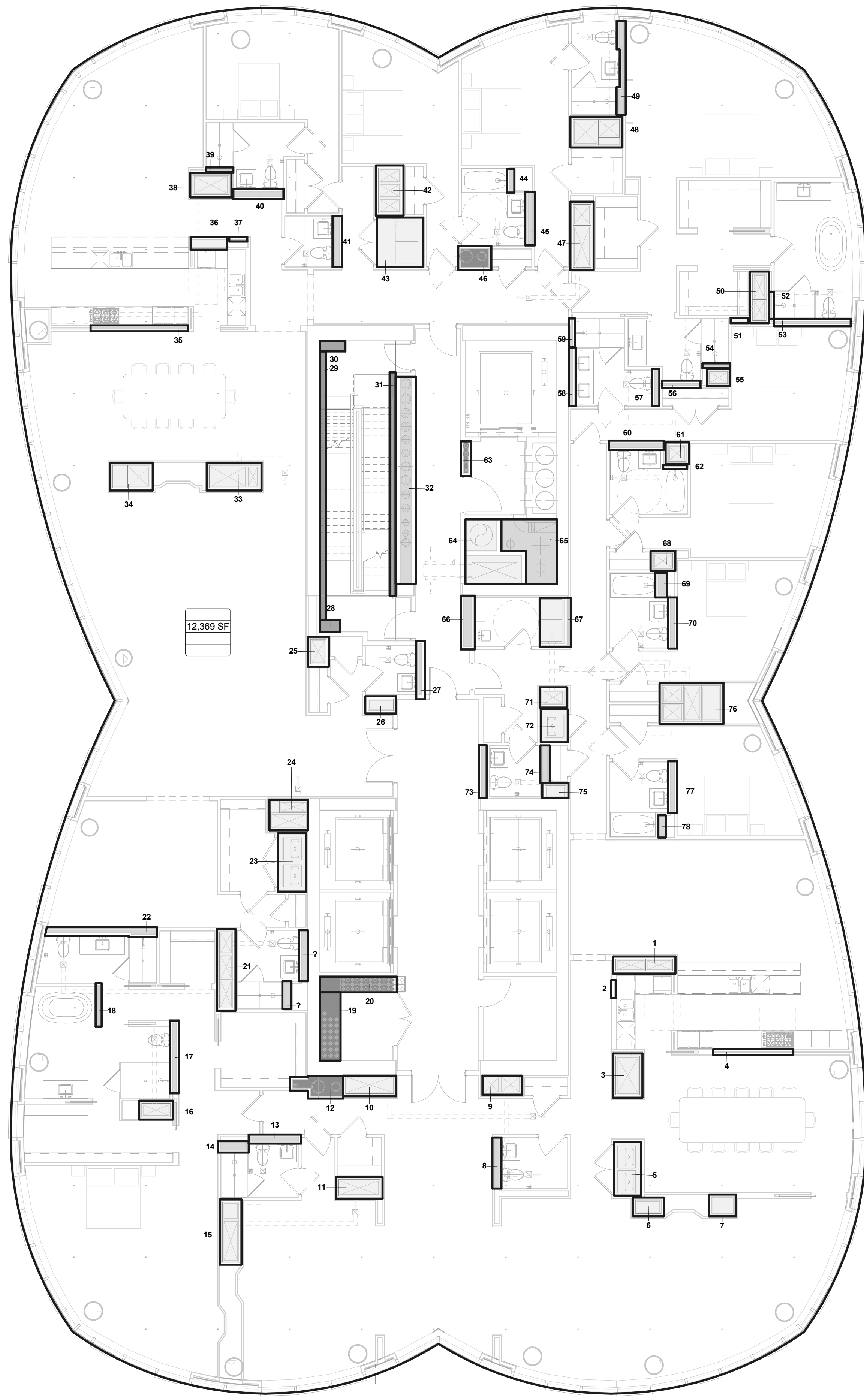
**DRAWING NO.**  
Z-164.00



ZFA Deductions - Levels 64 - 66

Zoning Deduction #	Zoning Area Type	Deduction
1	Mechanical	13 SF
2	Plumbing	3 SF
3	Mechanical	16 SF
4	Plumbing	6 SF
5	Mechanical	18 SF
6	Mechanical	7 SF
7	Mechanical	7 SF
8	Plumbing	6 SF
9	Mechanical	9 SF
10	Mechanical	13 SF
11	Mechanical	12 SF
12	Electrical	13 SF
13	Plumbing	6 SF
14	Plumbing	4 SF
15	Mechanical	17 SF
16	Mechanical	8 SF
17	Plumbing	8 SF
18	Plumbing	3 SF
19	Electrical	17 SF
20	Electrical	15 SF
21	Mechanical	19 SF
22	Plumbing	12 SF
23	Mechanical	20 SF
24	Mechanical	14 SF
25	Mechanical	8 SF
26	Mechanical	7 SF
27	Plumbing	6 SF
28	Fire Protection	3 SF
29	Star Deduction	20 SF
30	Fire Protection	3 SF
31	Star Deduction	17 SF
32	Plumbing	52 SF
33	Mechanical	19 SF
34	Mechanical	15 SF
35	Plumbing	7 SF
36	Mechanical	6 SF
37	Electrical	1 SF
38	Mechanical	13 SF
39	Plumbing	3 SF
40	Plumbing	7 SF
41	Plumbing	6 SF
42	Mechanical	17 SF
43	Mechanical	28 SF
44	Plumbing	2 SF
45	Plumbing	6 SF
46	Electrical	10 SF
47	Mechanical	20 SF
48	Mechanical	20 SF
49	Plumbing	6 SF
50	Mechanical	12 SF
51	Mechanical	1 SF
52	Plumbing	2 SF
53	Plumbing	7 SF
54	Plumbing	2 SF
55	Mechanical	5 SF
56	Plumbing	4 SF
57	Plumbing	3 SF
58	Plumbing	5 SF
59	Plumbing	2 SF
60	Plumbing	6 SF
61	Mechanical	6 SF
62	Plumbing	1 SF
63	Electrical	4 SF
64	Mechanical	39 SF
65	Plumbing	34 SF
66	Plumbing	9 SF
67	Mechanical	19 SF
68	Mechanical	6 SF
69	Plumbing	4 SF
70	Plumbing	6 SF
71	Mechanical	7 SF
72	Mechanical	11 SF
73	Plumbing	5 SF
74	Plumbing	4 SF
75	Mechanical	5 SF
76	Mechanical	32 SF
77	Plumbing	6 SF
78	Plumbing	2 SF
Grand Total: 80		837 SF

64 - Gross Floor Area	13,196 SF
64 - Zoning Floor Area	Net 12,369 SF

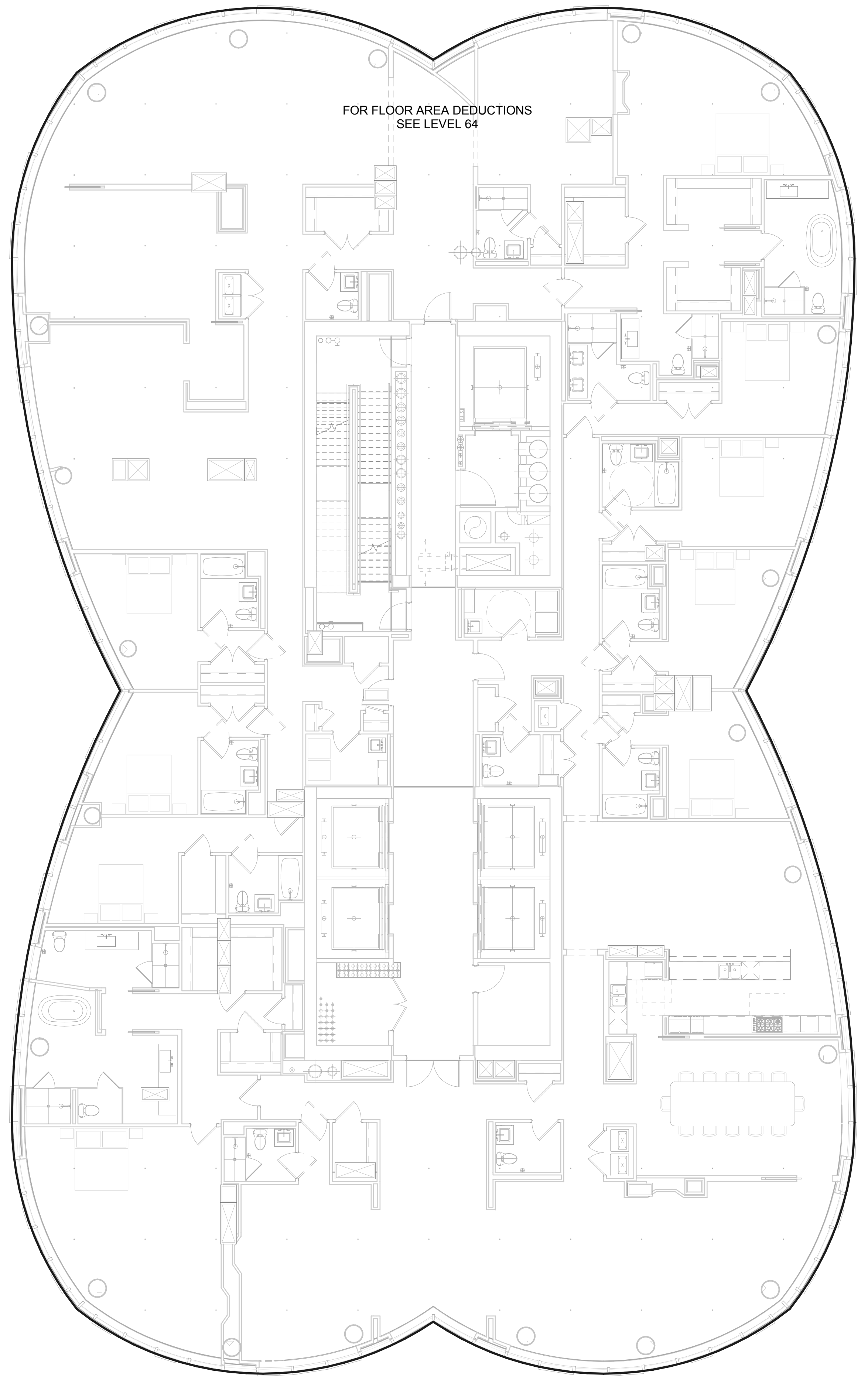


**ZONING FLOOR AREA PLAN - LVL 64TH** **1**  
1/8" = 1'-0"

ZFA Deductions - Levels 64 - 66

Zoning Deduction #	Zoning Area Type	Deduction
1	Mechanical	13 SF
2	Plumbing	3 SF
3	Mechanical	16 SF
4	Plumbing	6 SF
5	Mechanical	18 SF
6	Mechanical	7 SF
7	Mechanical	7 SF
8	Plumbing	6 SF
9	Mechanical	9 SF
10	Mechanical	13 SF
11	Mechanical	12 SF
12	Electrical	13 SF
13	Plumbing	6 SF
14	Plumbing	4 SF
15	Mechanical	17 SF
16	Mechanical	8 SF
17	Plumbing	8 SF
18	Plumbing	3 SF
19	Electrical	17 SF
20	Electrical	15 SF
21	Mechanical	19 SF
22	Plumbing	12 SF
23	Mechanical	20 SF
24	Mechanical	14 SF
25	Mechanical	8 SF
26	Mechanical	7 SF
27	Plumbing	6 SF
28	Fire Protection	3 SF
29	Star Deduction	20 SF
30	Fire Protection	3 SF
31	Star Deduction	17 SF
32	Plumbing	52 SF
33	Mechanical	19 SF
34	Mechanical	15 SF
35	Plumbing	7 SF
36	Mechanical	6 SF
37	Electrical	1 SF
38	Mechanical	13 SF
39	Plumbing	3 SF
40	Plumbing	7 SF
41	Plumbing	6 SF
42	Mechanical	17 SF
43	Mechanical	28 SF
44	Plumbing	2 SF
45	Plumbing	6 SF
46	Electrical	10 SF
47	Mechanical	20 SF
48	Mechanical	20 SF
49	Plumbing	6 SF
50	Mechanical	12 SF
51	Mechanical	1 SF
52	Plumbing	2 SF
53	Plumbing	7 SF
54	Plumbing	2 SF
55	Mechanical	5 SF
56	Plumbing	4 SF
57	Plumbing	3 SF
58	Plumbing	5 SF
59	Plumbing	2 SF
60	Plumbing	6 SF
61	Mechanical	6 SF
62	Plumbing	1 SF
63	Electrical	4 SF
64	Mechanical	39 SF
65	Plumbing	34 SF
66	Plumbing	9 SF
67	Mechanical	19 SF
68	Mechanical	6 SF
69	Plumbing	4 SF
70	Plumbing	6 SF
71	Mechanical	7 SF
72	Mechanical	11 SF
73	Plumbing	5 SF
74	Plumbing	4 SF
75	Mechanical	5 SF
76	Mechanical	32 SF
77	Plumbing	6 SF
78	Plumbing	2 SF
Grand Total: 80		837 SF

65 - Gross Floor Area	13,111 SF
65 - Zoning Floor Area	12,284 SF



**ZONING FLOOR AREA PLAN - LVL 65TH** **2**  
1/8" = 1'-0"

ZONING USE KEY / LEGEND

- Residential
- MEP
- Commercial
- Open To Below
- Area Boundary

15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
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**DESIGNER:**  
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601 West 26 Street-1815  
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T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
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T: 212.463-0334

**STRUCTURAL ENGINEER:**  
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228 E 45th Street  
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**MEP ENGINEER:**  
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80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
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T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
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**LEED CONSULTANT:**  
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**ACOUSTICAL CONSULTANTS:**  
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404 5th Ave. #8  
New York, NY 10018  
T: 212.677.1776

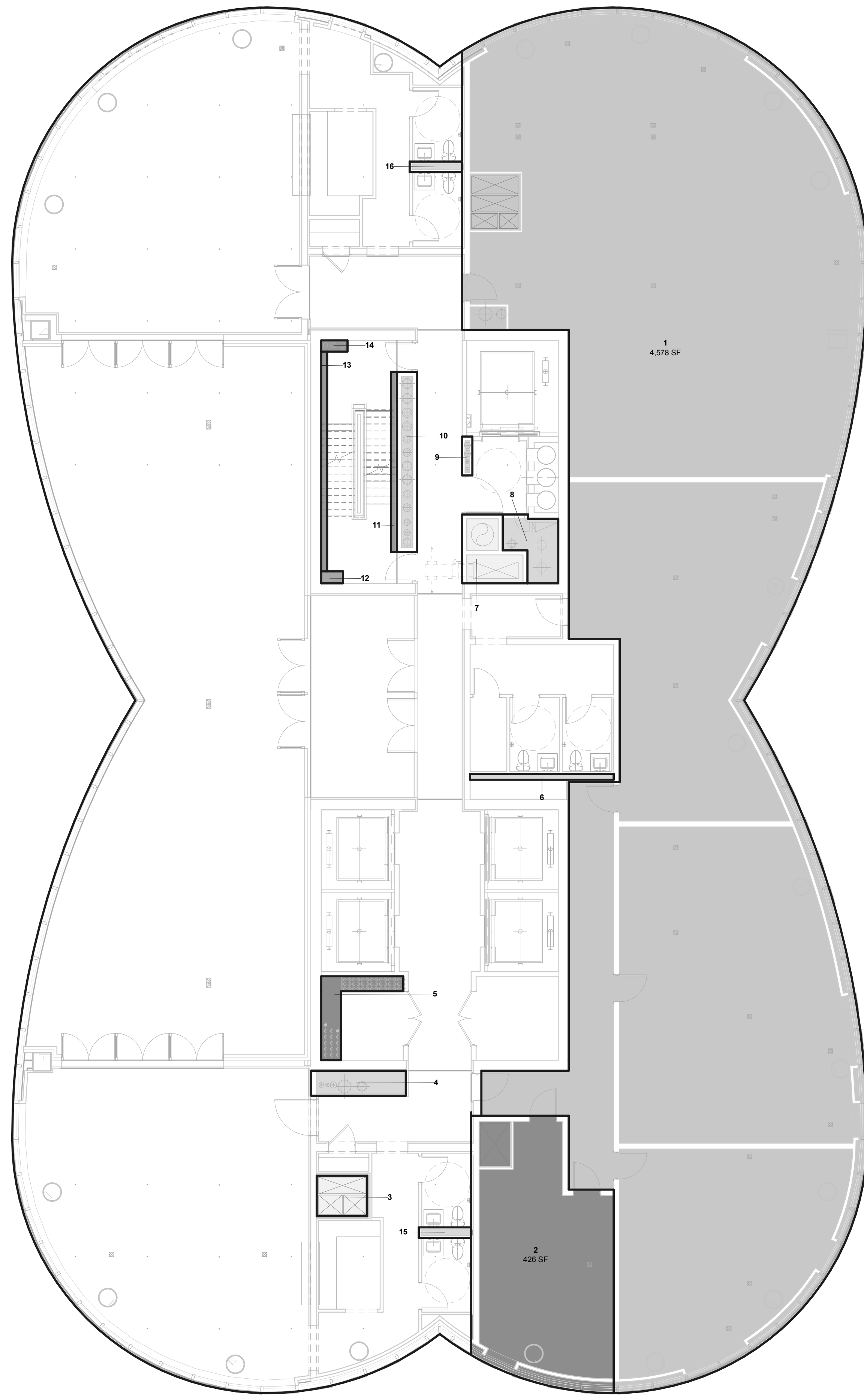
**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-0270

**SHEET NOTES:**

ZFA Deduction #	Zoning Area Type	Deduction
1	Plumbing	6 SF
2	Plumbing	3 SF
3	Electrical	13 SF
4	Electrical	1 SF
5	Mechanical	16 SF
6	Plumbing	6 SF
7	Mechanical	18 SF
8	Mechanical	7 SF
9	Mechanical	7 SF
10	Plumbing	6 SF
11	Mechanical	9 SF
12	Mechanical	13 SF
13	Electrical	13 SF
14	Plumbing	6 SF
15	Plumbing	4 SF
16	Mechanical	17 SF
17	Mechanical	8 SF
18	Plumbing	8 SF
19	Plumbing	3 SF
20	Electrical	17 SF
21	Electrical	15 SF
22	Mechanical	19 SF
23	Mechanical	15 SF
24	Mechanical	20 SF
25	Mechanical	14 SF
26	Mechanical	8 SF
27	Mechanical	7 SF
28	Plumbing	6 SF
29	Fire Protection	3 SF
30	Star Deduction	20 SF
31	Fire Protection	3 SF
32	Star Deduction	17 SF
33	Plumbing	52 SF
34	Mechanical	19 SF
35	Mechanical	15 SF
36	Plumbing	7 SF
37	Mechanical	6 SF
38	Electrical	1 SF
39	Mechanical	13 SF
40	Plumbing	2 SF
41	Plumbing	7 SF
42	Plumbing	5 SF
43	Mechanical	17 SF
44	Mechanical	28 SF
45	Plumbing	2 SF
46	Plumbing	6 SF
47	Electrical	10 SF
48	Mechanical	20 SF
49	Mechanical	20 SF
50	Plumbing	9 SF
51	Mechanical	12 SF
52	Mechanical	1 SF
53	Plumbing	2 SF
54	Plumbing	7 SF
55	Plumbing	2 SF
56	Mechanical	5 SF
57	Plumbing	4 SF
58	Plumbing	3 SF
59	Plumbing	5 SF
60	Plumbing	2 SF
61	Mechanical	8 SF
62	Plumbing	6 SF
63	Plumbing	1 SF
64	Electrical	4 SF
65	Mechanical	39 SF
66	Plumbing	34 SF
67	Plumbing	9 SF
68	Mechanical	19 SF
69	Mechanical	6 SF
70	Plumbing	4 SF
71	Plumbing	7 SF
72	Mechanical	11 SF
73	Plumbing	5 SF
74	Plumbing	4 SF
75	Mechanical	5 SF
76	Mechanical	32 SF
77	Plumbing	6 SF
78	Plumbing	2 SF

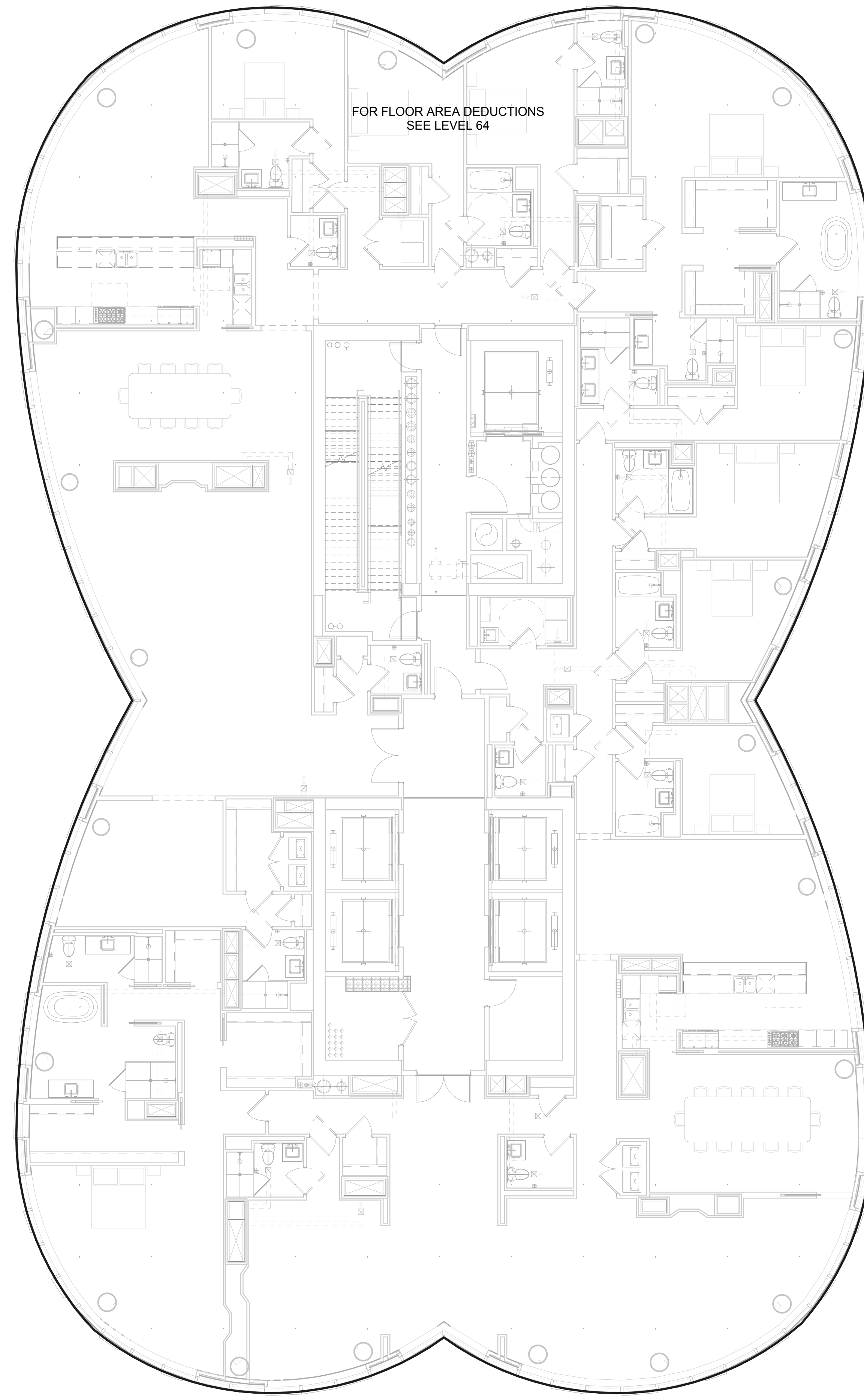
66 - Gross Floor Area	13,032 SF
66 - Zoning Floor Area	12,205 SF

ZFA Deduction #	Zoning Area Type	GFA
1	Mechanical	4,578 SF
2	Electrical	428 SF
3	Mechanical	25 SF
4	Plumbing	29 SF
5	Electrical	32 SF
6	Plumbing	19 SF
7	Mechanical	45 SF
8	Plumbing	35 SF
9	Plumbing	5 SF
10	Plumbing	45 SF
11	Star Deduction	13 SF
12	Fire Protection	3 SF
13	Star Deduction	19 SF
14	Star Deduction	4 SF
15	Plumbing	7 SF
16	Plumbing	7 SF
Grand total: 16		5,280 SF
67 - Gross Floor Area		12,922 SF
67 - Zoning Floor Area		7,641 SF
Net		7,641 SF



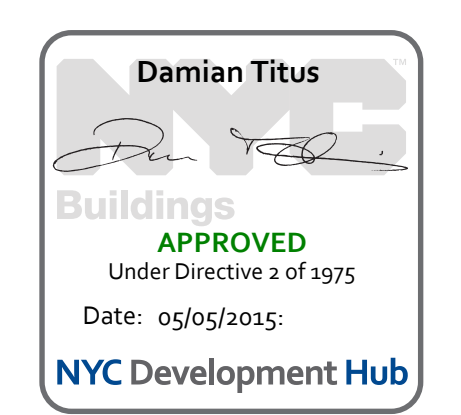
ZONING FLOOR AREA PLAN - LVL 67TH

**2**  
1/8" = 1'-0"



ZONING FLOOR AREA PLAN - LVL 66TH

**1**  
1/8" = 1'-0"



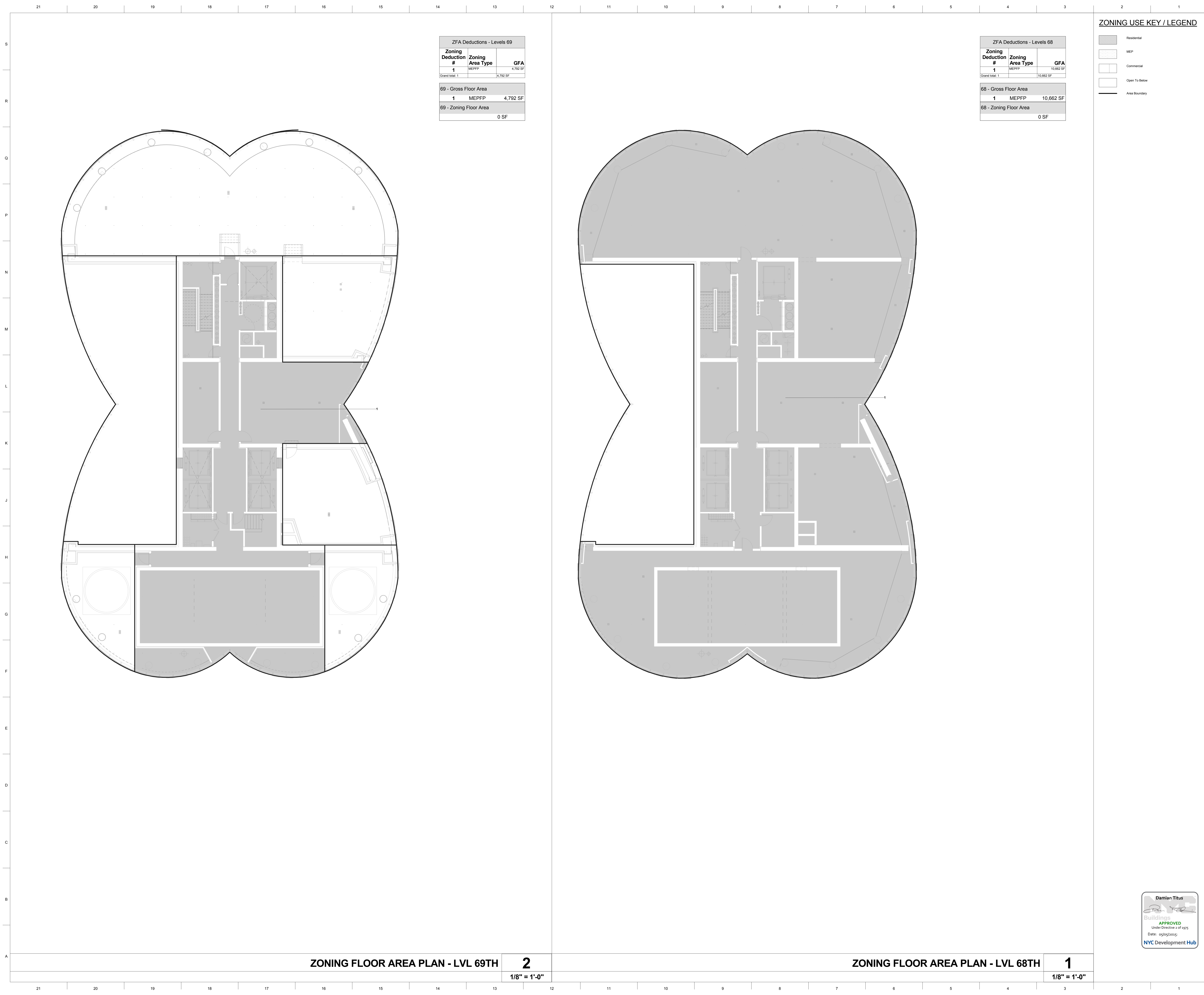
**DATE OF PRINT**  
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**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
Zoning Floor Area Plans\_66-67

**DRAWING NO.**  
**Z-166.00**



ZFA Deductions - Levels 69		
Zoning Deduction #	Zoning Area Type	GFA
1	MEFPF	4,792 SF
Grand total 1		
69 - Gross Floor Area		
1	MEFPF	4,792 SF
69 - Zoning Floor Area		
0 SF		

ZFA Deductions - Levels 68		
Zoning Deduction #	Zoning Area Type	GFA
1	MEFPF	10,662 SF
Grand total 1		
68 - Gross Floor Area		
1	MEFPF	10,662 SF
68 - Zoning Floor Area		
0 SF		

**ZONING USE KEY / LEGEND**

- Residential
- MEP
- Commercial
- Open To Below
- Area Boundary

**15 HUDSON YARDS**  
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5 Regent Street, Suite 524  
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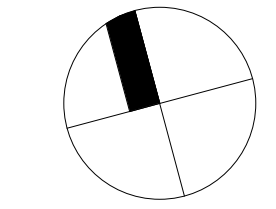
**LEED CONSULTANT:**  
Viridian  
330 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
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Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
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**SHEET NOTES:**

**KEY PLAN**



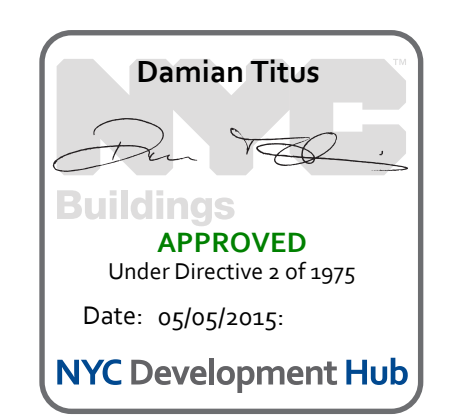
ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.25.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

**DATE OF PRINT**  
1/19/2015 3:42:22 PM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**



**TITLE**  
Zoning Floor Area Plans\_68-69

**DRAWING NO.**  
**Z-168.00**

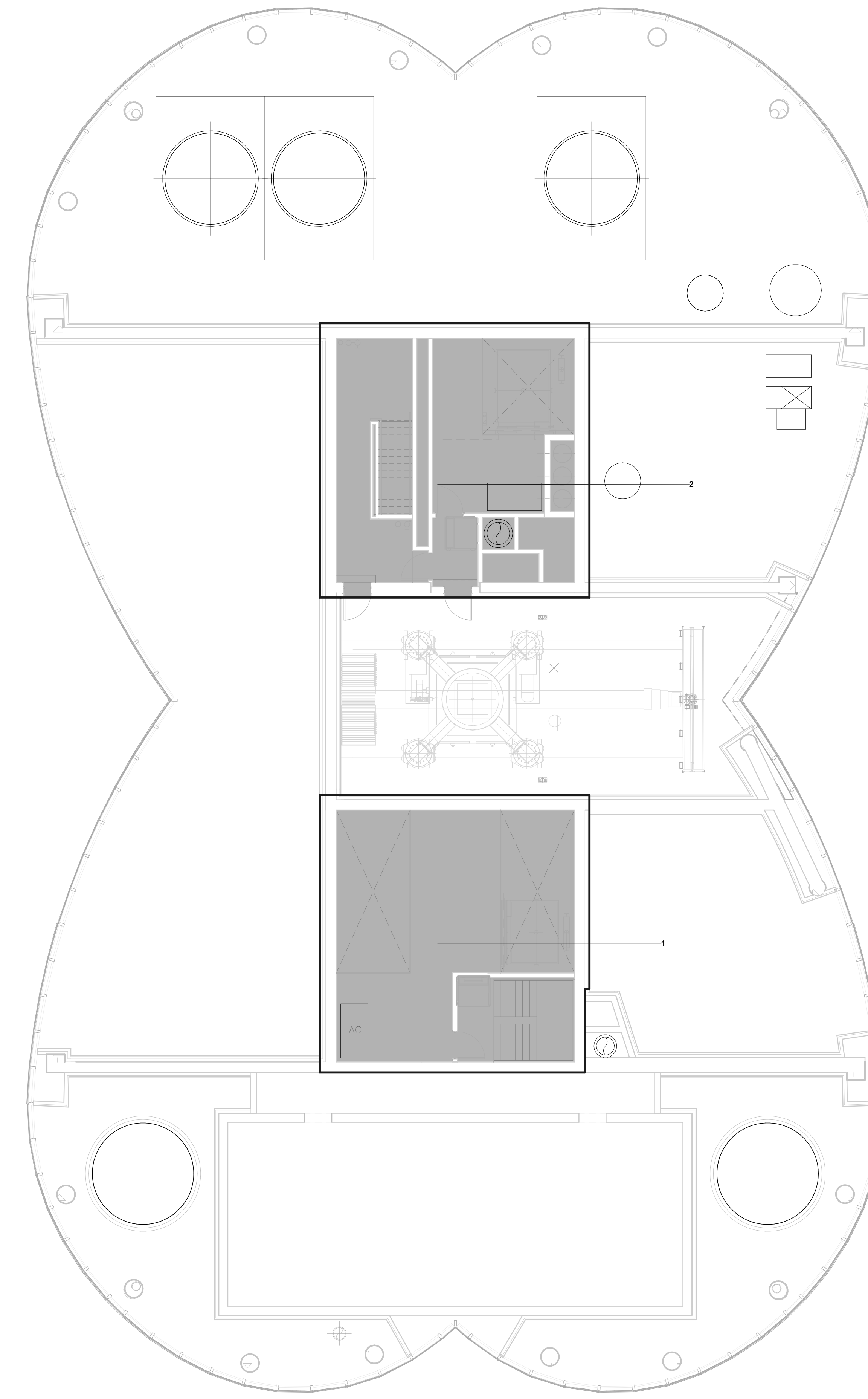
**ZONING FLOOR AREA PLAN - LVL 69TH** **2**  
1/8" = 1'-0"

**ZONING FLOOR AREA PLAN - LVL 68TH** **1**  
1/8" = 1'-0"

ZONING USE KEY / LEGEND

- Residential
- MEP
- Commercial
- Open To Below
- Area Boundary

ZFA Deductions - Levels 70			
Zoning Deduction #	Zoning Area Type	GFA	
1	Stair Elevator Bulkhead	905 SF	
2	Stair Elevator Bulkhead	905 SF	
Grand Total 2:		1,815 SF	
70 - Gross Floor Area			
Stair 5		1,815 SF	
70 - Zoning Floor Area			
		0 SF	



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**KEY PLAN:**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.25.2013
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FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

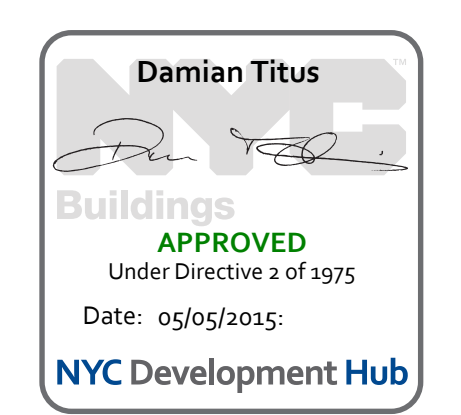
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1/19/2015 3:42:34 PM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
Zoning Floor Area Plans\_70

**DRAWING NO.**  
1



ZONING FLOOR AREA PLAN - LVL 70TH  
1  
1/8" = 1'-0"

**Z-170.00**

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**DESIGNER:**  
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601 West 26 Street-1815  
New York, New York 10001  
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5 Union Square, West  
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**STRUCTURAL ENGINEER:**  
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228 E 45th Street  
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**MEP ENGINEER:**  
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**VERTICAL TRANSPORTATION:**  
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5 Regent Street, Suite 524  
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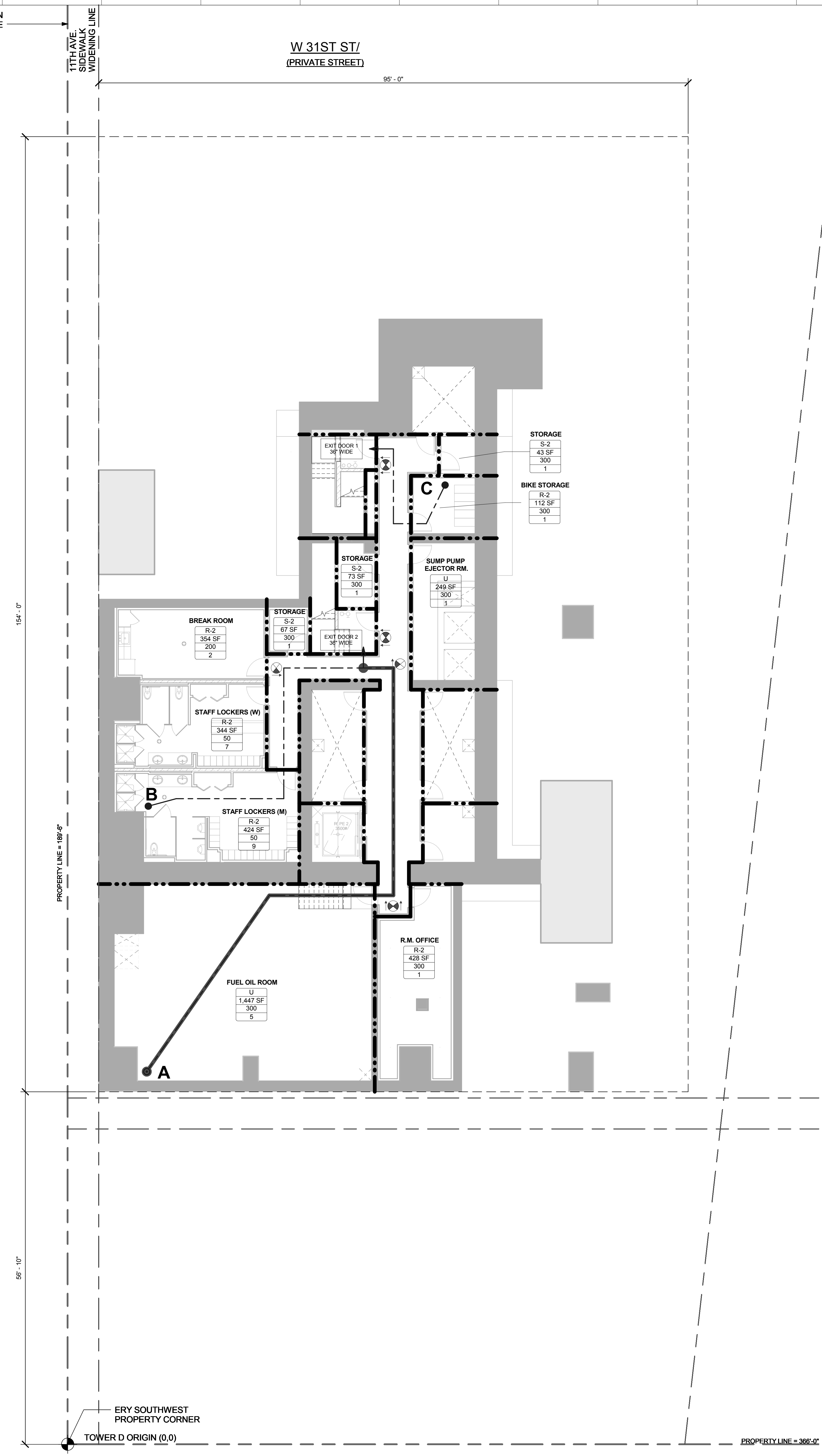
**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
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**LANDSCAPE DESIGNER:**  
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200 Park Avenue South, Suite 520  
New York, NY 10003  
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**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- NON RATED PARTITION
- 1 HR RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION
- SPACE/ROOM NAME
- OCCUPANCY GROUP
- AREA SIZE
- OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD
- EXIT SYMBOL (SHADED AREA INDICATES WHERE THE LIT TEXT LETTERS FACE)
- PROTECTED AREA
- FUTURE TENANT FIT OUT



**CELLAR FLOOR TRAVEL DISTANCE CHART**

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL (R-2)	A	96' - 1"	200' - 0" MAX.	YES
RESIDENTIAL (R-2)	B	57' - 11"	200' - 0" MAX.	YES
RESIDENTIAL (R-2)	C	26' - 10"	200' - 0" MAX.	YES

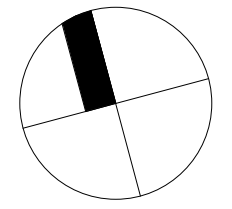
MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 96' - 1"

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
STAFF LOCKERS (W)	344 SF	R-2	50	7
STAFF LOCKERS (M)	424 SF	R-2	50	9
R.M. OFFICE	428 SF	R-2	300	1
BREAK ROOM	354 SF	R-2	200	2
BIKE STORAGE	112 SF	R-2	300	1
STORAGE	43 SF	S-2	300	1
STORAGE	73 SF	S-2	300	1
STORAGE	67 SF	S-2	300	1
FUEL OIL ROOM	1,447 SF	U	300	5
SUMP PUMP EJECTOR RM.	249 SF	U	300	1
Grand total				29

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>

**KEY PLAN**



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT**  
1/20/2015 5:22:09 PM

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

**PROJECT NUMBER**

**TITLE**  
Sub-Cellar Floor Egress Plan

**DRAWING NO.**  
EG-098.00



W 30TH STREET  
NARROW STREET

**LIFE SAFETY & EGRESS PLAN - SUB-CELLAR**

**1**  
1/8" = 1'-0"

**15 HUDSON YARDS**  
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**DESIGNER:**  
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**LANDSCAPE DESIGNER:**  
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**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

SCHEMATIC DESIGN ISSUE	DATE
02.15.2013	02.15.2013
05.06.2013	05.06.2013
09.05.2013	09.05.2013
11.05.2013	11.05.2013
11.22.2013	11.22.2013
11.25.2013	11.25.2013
01.27.2014	01.27.2014
03.05.2014	03.05.2014
06.02.2014	06.02.2014
06.20.2014	06.20.2014
08.25.2014	08.25.2014
11.17.2014	11.17.2014
12.22.2014	12.22.2014
01.20.2015	01.20.2015

**DATE OF PRINT**  
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**DRAWING SCALE**  
1/8" = 1'-0"

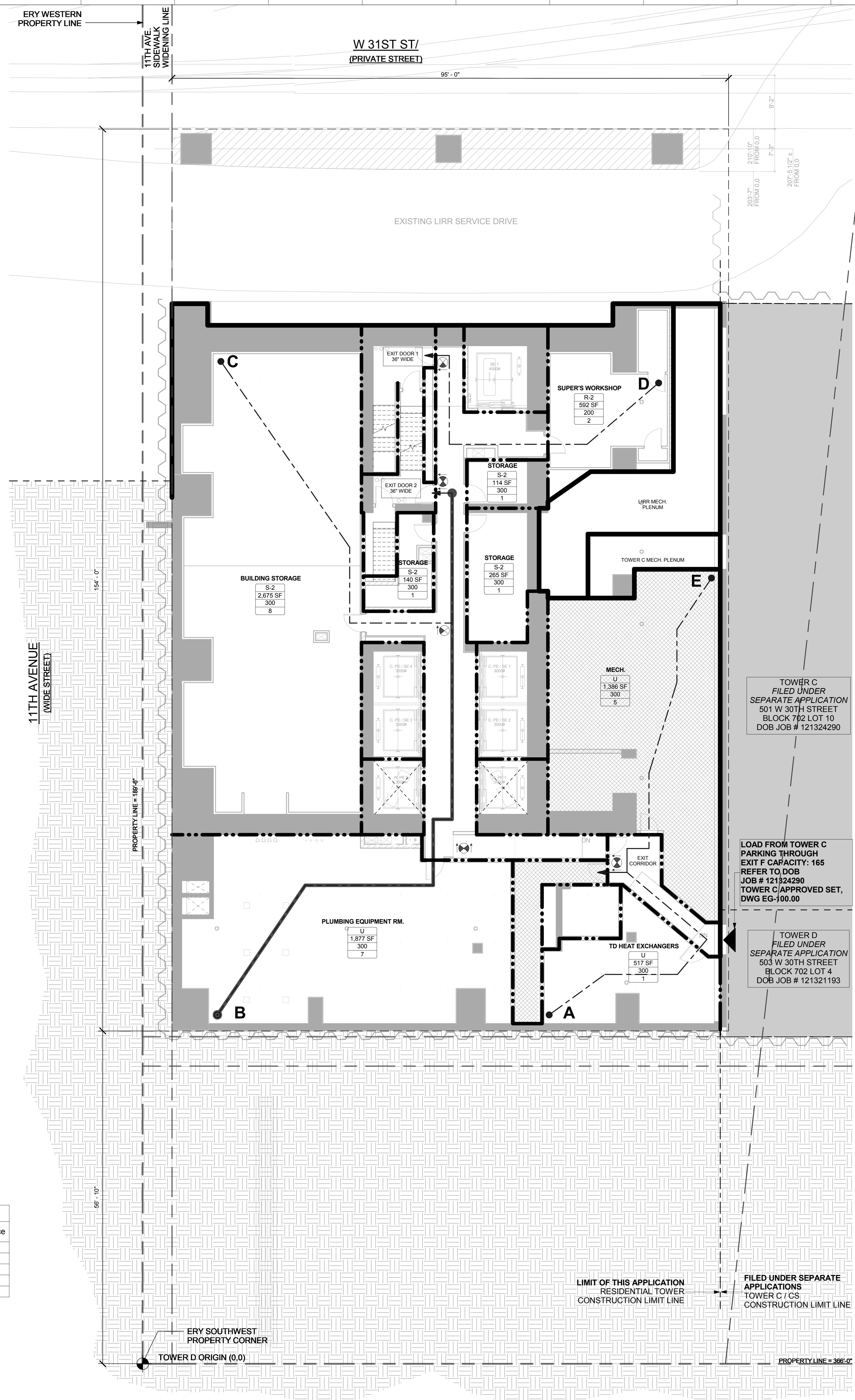
**PROJECT NUMBER**

**TITLE**  
Cellar Floor Egress Plan

**DRAWING NO.**  
EG-099.00

**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- NON RATED PARTITION
- 1 HR RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION
- APTA - SPACE/ROOM NAME
- 750 SF - OCCUPANCY GROUP
- 200 SF - AREA SIZE
- 200 SF - OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD
- EXIT SYMBOL (SHADED AREA INDICATES WHERE THE LIGHT GOES LETTERS FACE)
- PROTECTED AREA
- FUTURE TENANT FIT OUT



**CELLAR FLOOR TRAVEL DISTANCE CHART**

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL(R-2)	A	53' - 2"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	B	120' - 10"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	C	93' - 3"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	D	57' - 7"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	E	60' - 2"	200' - 0" MAX.	YES

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (B) = 118' - 9"

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

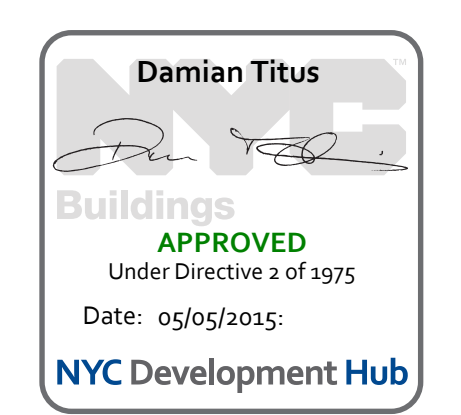
Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
SUPER'S WORKSHOP	592 SF	R-2	200	2
BUILDING STORAGE	2,675 SF	S-2	300	8
STORAGE	114 SF	S-2	300	1
STORAGE	265 SF	S-2	300	1
STORAGE	140 SF	S-2	300	1
PLUMBING EQUIPMENT RM.	1,877 SF	U	300	7
MECH.	1,386 SF	U	300	5
TD HEAT EXCHANGERS	517 SF	U	300	1
Grand total				26

Exit No.	Egress Component	Egress Component Width (In Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	146
	Door	36	0.2	180
Total Max. Exit Capacity for Floor =				292

W 30TH STREET  
NARROW STREET

**LIFE SAFETY & EGRESS PLAN - CELLAR LEVEL**

**1**  
1/8" = 1'-0"





**15 HUDSON YARDS**  
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**OWNER:**  
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**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.22.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

**DATE OF PRINT**  
3/30/2015 11:41:28 AM

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

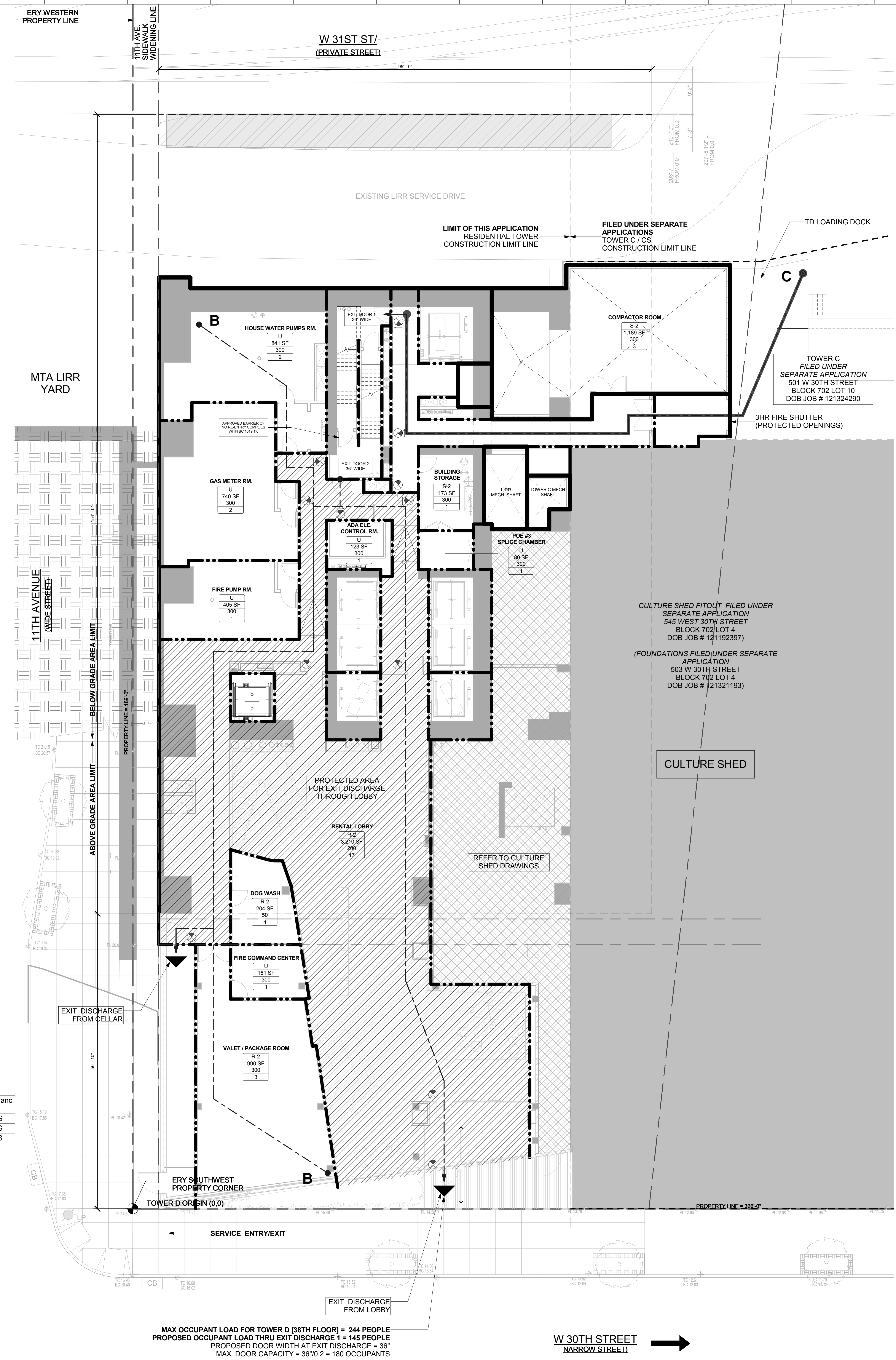
**PROJECT NUMBER**

**TITLE**  
Level 00 Egress Plan

**DRAWING NO.**  
EG-100.00

**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- NON-RATED PARTITION
- 1-HR RATED PARTITION
- 2-HR RATED PARTITION
- 3-HR RATED PARTITION
- SPACE/ROOM NAME
- OCCUPANCY GROUP
- AREA SIZE
- OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD
- EXIT SYMBOL (SHADED AREA INDICATES WHERE THE LIT TEXT LETTERS FACE)
- PROTECTED AREA
- FUTURE TENANT FIT OUT



**STREET LEVEL DISCHARGE FLOOR**

Exit No.	Egress Component	Egress Component Width (In Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>

**BASEMENT FLOOR TRAVEL DISTANCE CHART**

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL(R-2)	A	69' - 9"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	B	160' - 2"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	C	124' - 0"	200' - 0" MAX.	YES

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (C) = 121' - 0"

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
RENTAL LOBBY	3,210 SF	R-2	200	17
VALET / PACKAGE ROOM	990 SF	R-2	300	3
DOG WASH	204 SF	R-2	50	4
BUILDING STORAGE	173 SF	S-2	300	1
COMPACTOR ROOM	1,189 SF	S-2	300	3
GAS METER RM.	740 SF	U	300	2
ADA ELE CONTROL RM.	123 SF	U	300	1
POE #3 SPLICE CHAMBER	80 SF	U	300	1
FIRE PUMP RM.	405 SF	U	300	1
HOUSE WATER PUMPS RM.	841 SF	U	300	2
FIRE COMMAND CENTER	151 SF	U	300	1
<b>Grand total</b>				<b>36</b>

MAX OCCUPANT LOAD FOR TOWER D [38TH FLOOR] = 244 PEOPLE  
PROPOSED DOOR WIDTH AT EXIT DISCHARGE 1 = 145 PEOPLE  
PROPOSED DOOR WIDTH AT EXIT DISCHARGE = 36"  
MAX. DOOR CAPACITY = 36"/0.2 = 180 OCCUPANTS

**15 HUDSON YARDS**  
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**DESIGNER:**  
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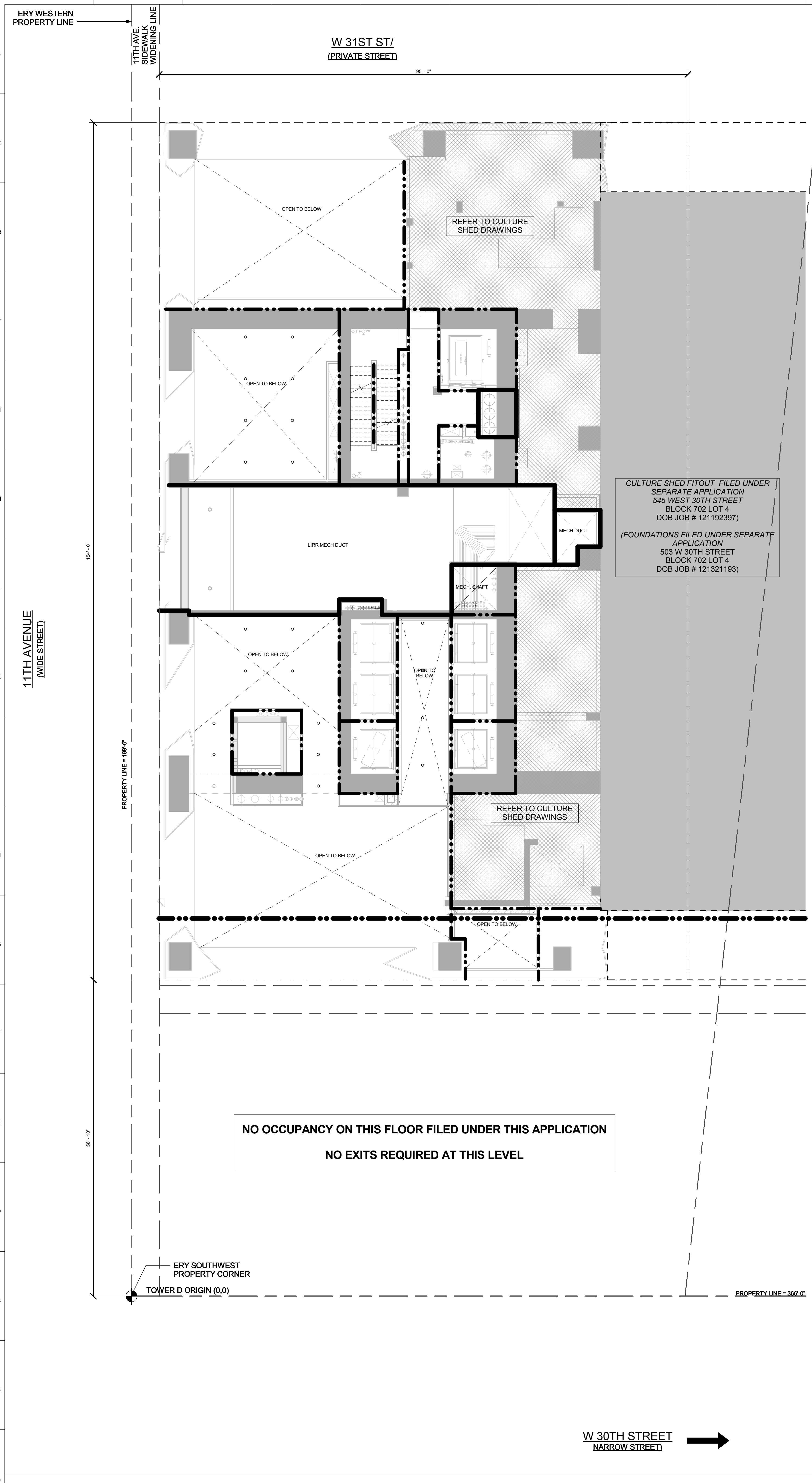
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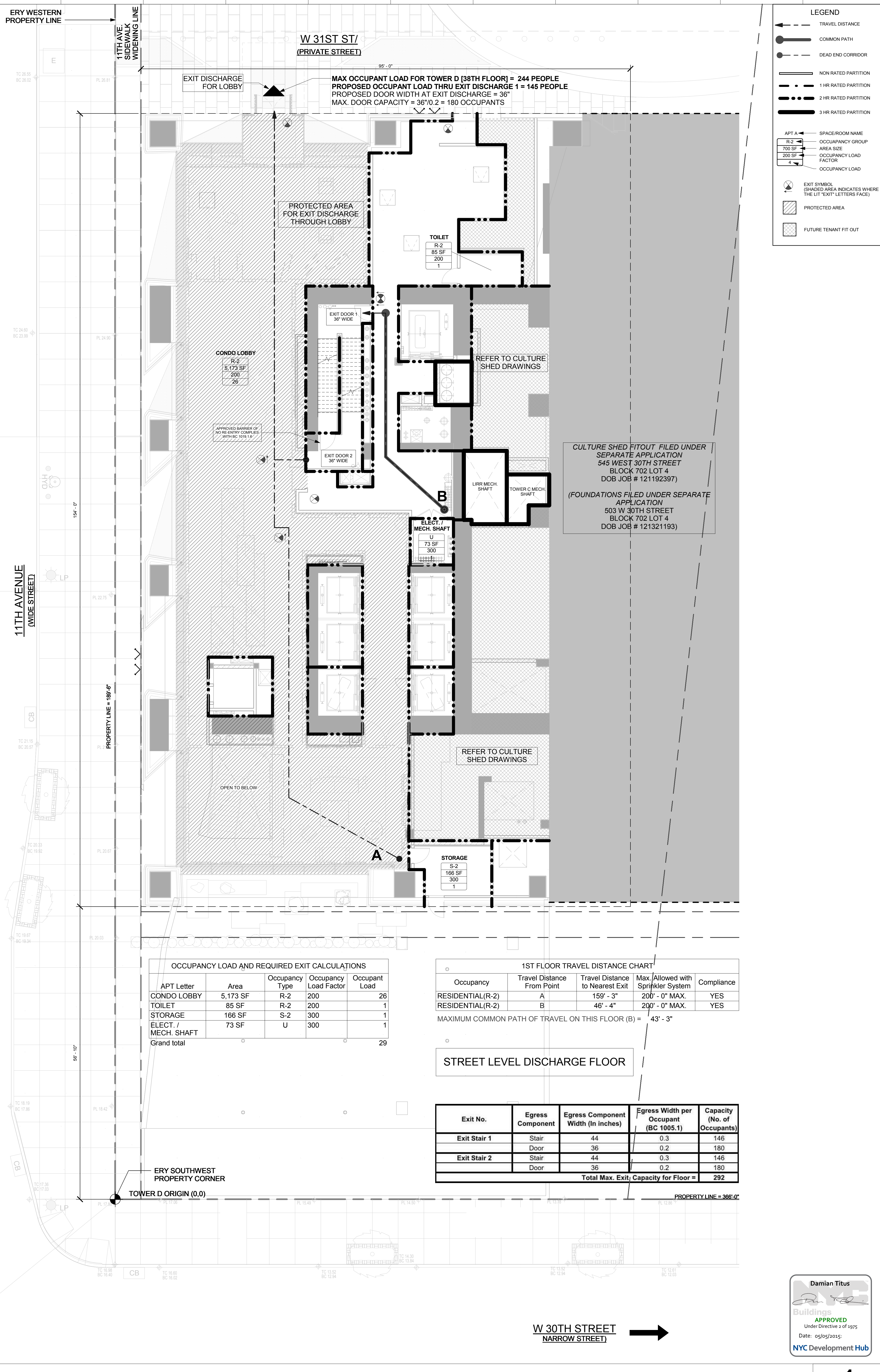
**SHEET NOTES:**

**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- NON RATED PARTITION
- 1 HR RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION
- APTA - SPACE/ROOM NAME
- APTA - OCCUPANCY GROUP
- 750 SF - AREA SIZE
- 200 SF - OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD
- EXIT SYMBOL (SHADED AREA INDICATES WHERE THE LIT TEXT LETTERS FACE)
- PROTECTED AREA
- FUTURE TENANT FIT OUT



**LIFE SAFETY & EGRESS PLAN - 2ND FLOOR LEVEL** **2**  
1/8" = 1'-0"



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

APT Letter	Area	Occupancy Type	Occupancy Load Factor	Occupant Load
CONDO LOBBY	5,173 SF	R-2	200	26
TOILET	85 SF	R-2	200	1
STORAGE	166 SF	S-2	300	1
ELECT. / MECH. SHAFT	73 SF	U	300	1
Grand total				29

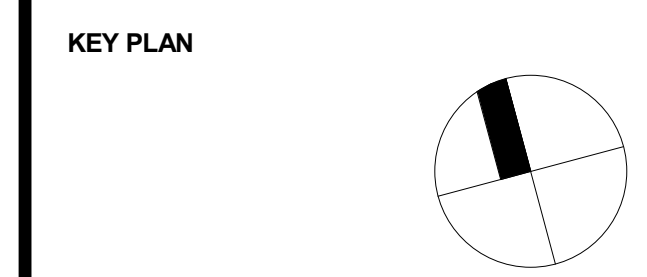
**1ST FLOOR TRAVEL DISTANCE CHART**

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL(R-2)	A	159' - 3"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	B	46' - 4"	200' - 0" MAX.	YES

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (B) = 43' - 3"

**STREET LEVEL DISCHARGE FLOOR**

Exit No.	Egress Component	Egress Component Width (In Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>



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FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
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FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
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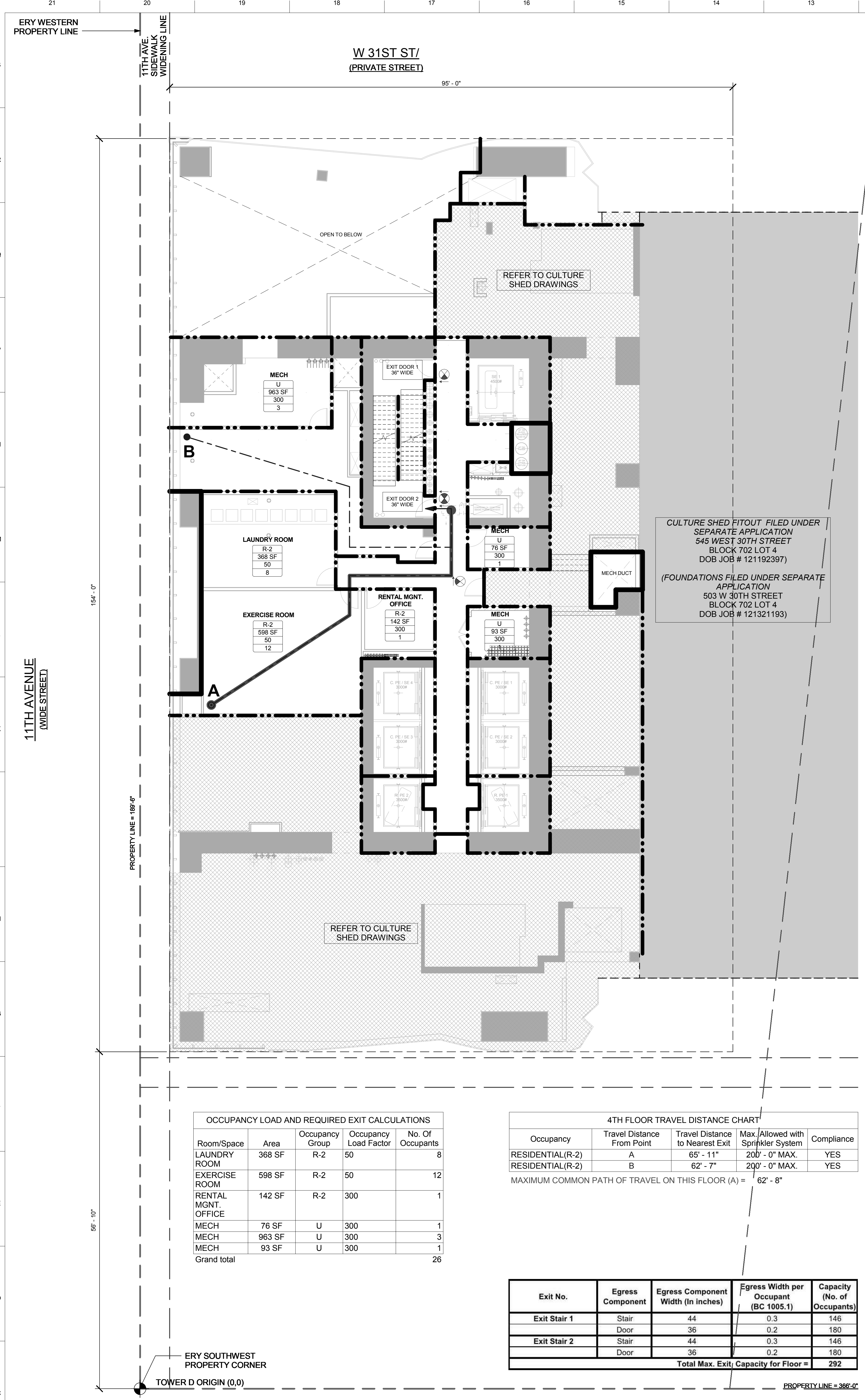
**DRAWING SCALE**  
1/8" = 1'-0"

**PROJECT NUMBER**

**TITLE**  
1st & 2nd Floor Egress Plans

**DRAWING NO.**  
EG-101.00





**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

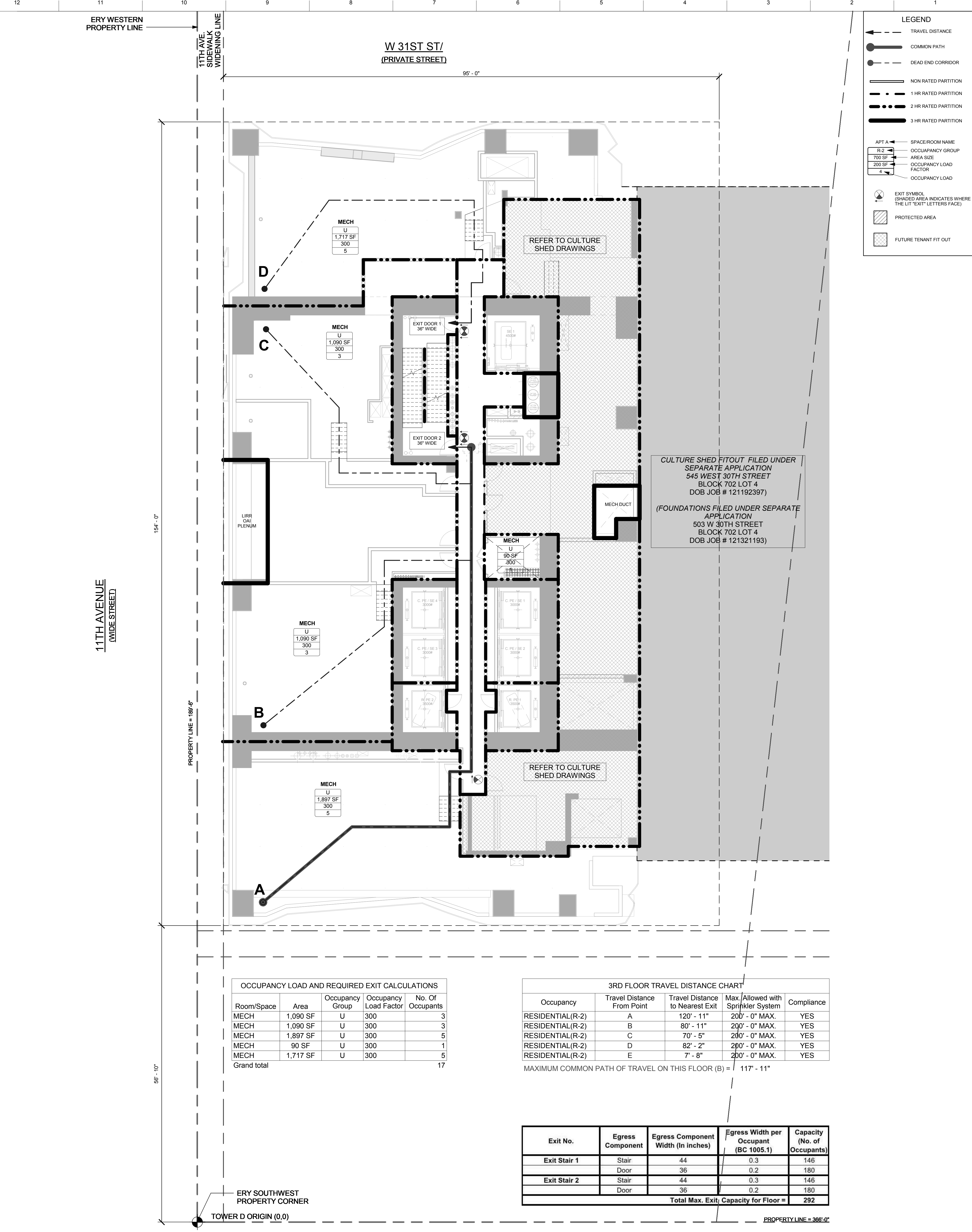
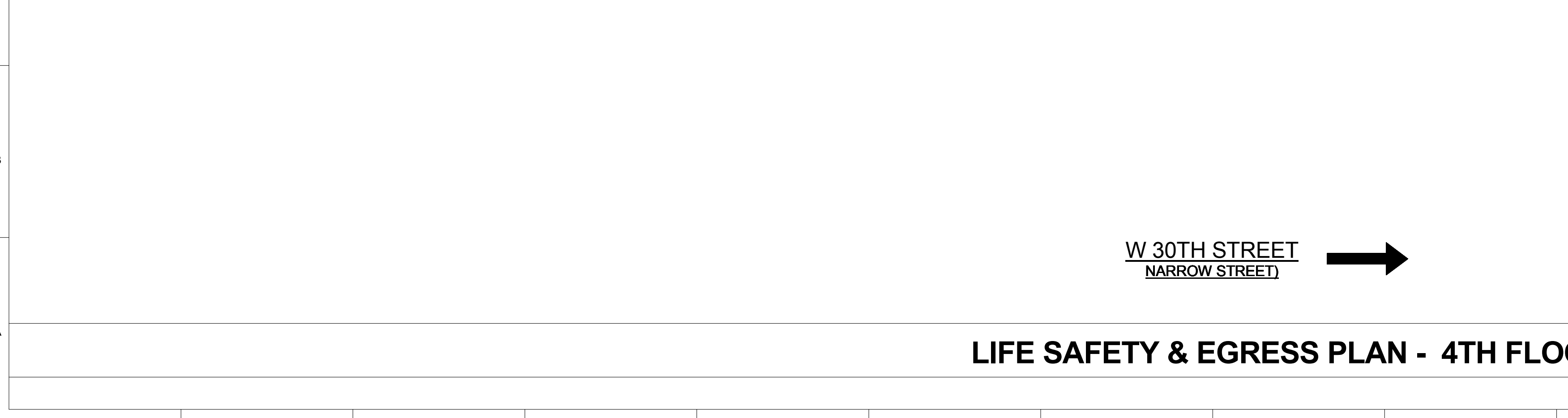
Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
LAUNDRY ROOM	368 SF	R-2	50	8
EXERCISE ROOM	598 SF	R-2	50	12
RENTAL MGMT. OFFICE	142 SF	R-2	300	1
MECH	76 SF	U	300	1
MECH	963 SF	U	300	3
MECH	93 SF	U	300	1
Grand total				26

**4TH FLOOR TRAVEL DISTANCE CHART**

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL(R-2)	A	65' - 11"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	B	62' - 7"	200' - 0" MAX.	YES

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 62' - 8"

Exit No.	Egress Component	Egress Component Width (In Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	148
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	148
	Door	36	0.2	180
Total Max. Exit Capacity for Floor = 292				



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
MECH	1,090 SF	U	300	3
MECH	1,897 SF	U	300	5
MECH	90 SF	U	300	1
MECH	1,717 SF	U	300	5
Grand total				17

**3RD FLOOR TRAVEL DISTANCE CHART**

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL(R-2)	A	120' - 11"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	B	80' - 11"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	C	70' - 5"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	D	82' - 2"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	E	7' - 8"	200' - 0" MAX.	YES

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (B) = 117' - 11"

Exit No.	Egress Component	Egress Component Width (In Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	148
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	148
	Door	36	0.2	180
Total Max. Exit Capacity for Floor = 292				



- LEGEND**
- TRAVEL DISTANCE
  - COMMON PATH
  - DEAD END CORRIDOR
  - NON-RATED PARTITION
  - 1 HR RATED PARTITION
  - 2 HR RATED PARTITION
  - 3 HR RATED PARTITION
  - APTA - SPACE/ROOM NAME
  - OCCUPANCY GROUP
  - AREA SIZE
  - OCCUPANCY LOAD FACTOR
  - OCCUPANCY LOAD
  - EXIT SYMBOL (SHADED AREA INDICATES WHERE THE LIT TEXT LETTERS FACE)
  - PROTECTED AREA
  - FUTURE TENANT FIT OUT

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**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL PRELIM. BID	09.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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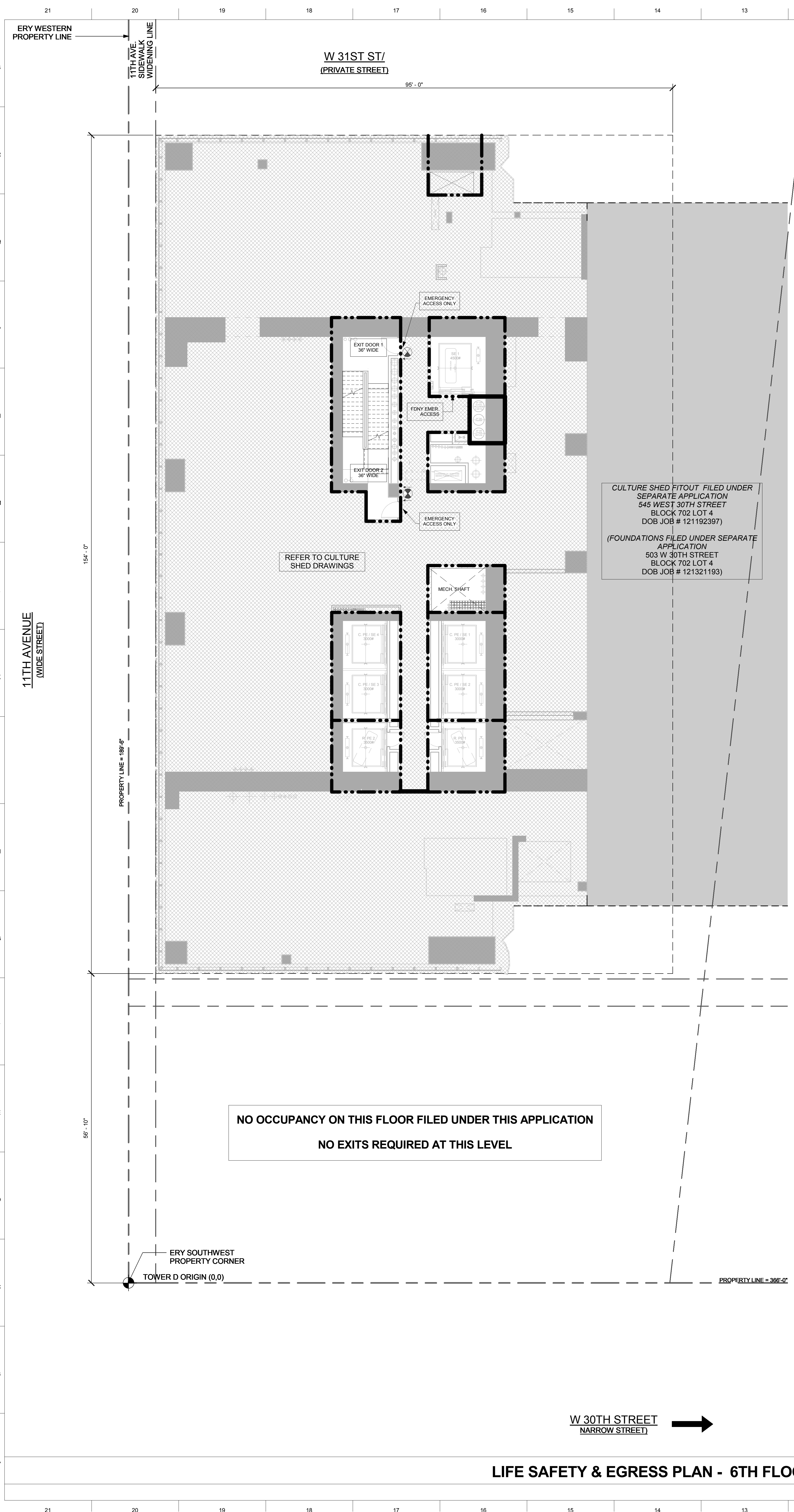
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**PROJECT NUMBER:**

**TITLE:**  
3rd & 4th Floor Egress Plans

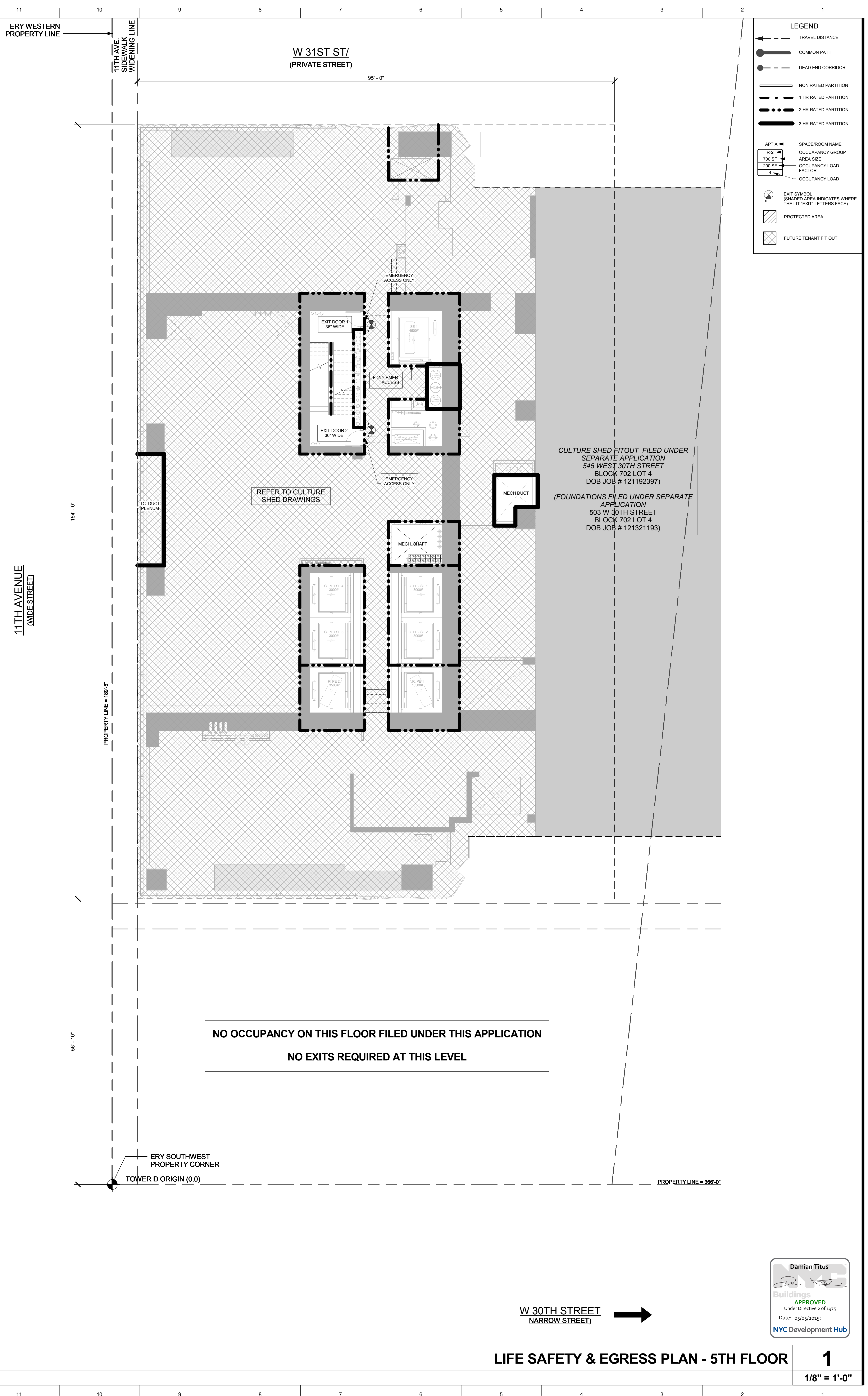
**DRAWING NO.:**  
EG-103.00

**1/8" = 1'-0"**



LIFE SAFETY & EGRESS PLAN - 6TH FLOOR

2  
1/8" = 1'-0"



LIFE SAFETY & EGRESS PLAN - 5TH FLOOR

1  
1/8" = 1'-0"

**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- NON-RATED PARTITION
- 1 HR RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION
- APTA - SPACE/ROOM NAME
- OCCUPANCY GROUP
- AREA SIZE
- OCCUPANCY LOAD FACTOR
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- EXIT SYMBOL (SHADED AREA INDICATES WHERE THE LIGHT LETTERS FACE)
- PROTECTED AREA
- FUTURE TENANT FIT OUT

**15 HUDSON YARDS**  
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- KEY PLAN**
- ISSUE SET**
- | ISSUE SET                 | DATE       |
|---------------------------|------------|
| SCHEMATIC DESIGN ISSUE    | 02.15.2013 |
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| FINAL SD ISSUE - REVISED  | 08.25.2014 |
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| DESIGN DEVELOPMENT SET    | 12.22.2014 |
| UPDATED DOB SET           | 01.20.2015 |

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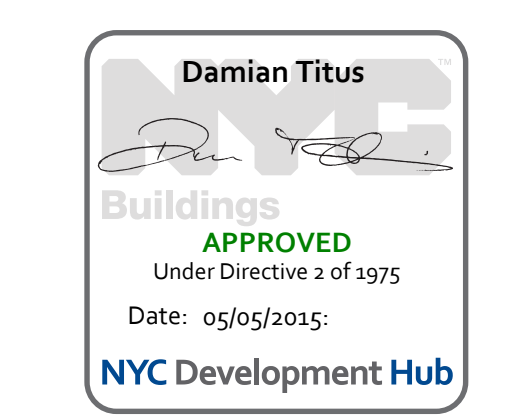
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1/20/2015 5:22:57 PM

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

**PROJECT NUMBER**

**TITLE**  
5th & 6th Floor Egress Plans

**DRAWING NO.**  
EG-105.00





- LEGEND**
- TRAVEL DISTANCE
  - COMMON PATH
  - DEAD END CORRIDOR
  - - - NON RATED PARTITION
  - · - · 1 HR RATED PARTITION
  - · · - 2 HR RATED PARTITION
  - · · · 3 HR RATED PARTITION
  - APTA → SPACE/ROOM NAME
  - → OCCUPANCY GROUP
  - 750 SF → AREA SIZE
  - 200 SF → OCCUPANCY LOAD FACTOR
  - 4 → OCCUPANCY LOAD
  - EXIT SYMBOL (SHADED AREA INDICATES WHERE THE LIGHT SWITCH LETTERS FACE)
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**KEY PLAN**

**STAMP**

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

**PROJECT NUMBER**

**TITLE**  
7th & 8th Floor Egress Plans

**DRAWING NO.**  
EG-107.00

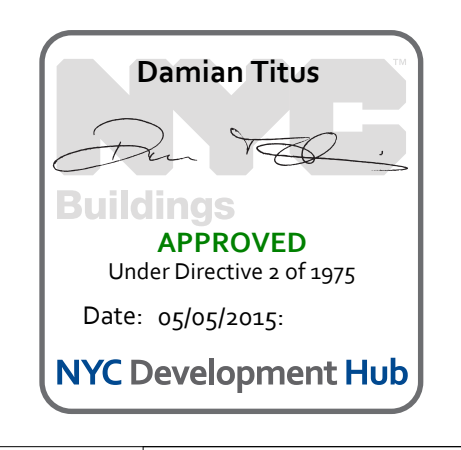
**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

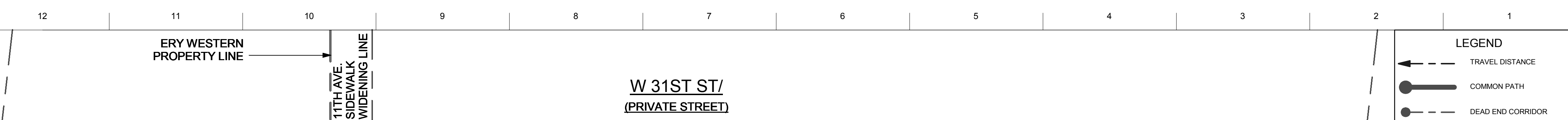
Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
MECH	139 SF	U	300	1
Grand total				1

**NO OCCUPANCY ON THIS FLOOR FILED UNDER THIS APPLICATION**  
**NO EXITS REQUIRED AT THIS LEVEL**

**LIFE SAFETY & EGRESS PLAN - 8TH FLOOR** **2**  
1/8" = 1'-0"

**LIFE SAFETY & EGRESS PLAN - 7TH FLOOR** **1**  
1/8" = 1'-0"





- LEGEND**
- TRAVEL DISTANCE
  - COMMON PATH
  - DEAD END CORRIDOR
  - NON-RATED PARTITION
  - 1 HR RATED PARTITION
  - 2 HR RATED PARTITION
  - 3 HR RATED PARTITION
  - SPACE/ROOM NAME
  - OCCUPANCY GROUP
  - AREA SIZE
  - OCCUPANCY LOAD FACTOR
  - OCCUPANCY LOAD
  - EXIT SYMBOL (SHADED AREA INDICATES WHERE THE LIGHT SWITCH LETTERS FACE)
  - PROTECTED AREA
  - FUTURE TENANT FIT OUT

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
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60 Columbus Circle  
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**DESIGNER:**  
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**DESIGNER:**  
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**STRUCTURAL ENGINEER:**  
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**MEP ENGINEER:**  
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**VERTICAL TRANSPORTATION:**  
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**ACOUSTICAL CONSULTANTS:**  
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**LANDSCAPE DESIGNER:**  
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T: 212-269-2270

**SHEET NOTES:**

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
KID'S ROOM	520 SF	R-2	15	35
PARTY ROOM	549 SF	R-2	15	37
TD BUILDING STORAGE	744 SF	S-2	300	2
MECH	189 SF	U	300	1
MECH	1,942 SF	U	300	7
GENERATOR RM. (TD/CS)	2,638 SF	U	300	9
MECH	113 SF	U	300	1
MECH	1,731 SF	U	300	6
				98

**10TH FLOOR TRAVEL DISTANCE CHART**

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL(R-2)	A	137' - 6"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	B	115' - 7"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	C	123' - 6"	260' - 0" MAX.	YES
RESIDENTIAL(R-2)	D	55' - 1"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	E	87' - 0"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	F	149' - 0"	200' - 0" MAX.	YES

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 126' - 6"

Exit No.	Egress Component	Egress Component Width (In Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
MECH	2,592 SF	U	300	9
MECH	189 SF	U	300	1
MECH	93 SF	U	300	1
				11

**9TH FLOOR TRAVEL DISTANCE CHART**

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL(R-2)	A	112' - 5"	200' - 0" MAX.	YES
RESIDENTIAL(R-2)	B	99' - 6"	200' - 0" MAX.	YES

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 108' - 9"

Exit No.	Egress Component	Egress Component Width (In Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

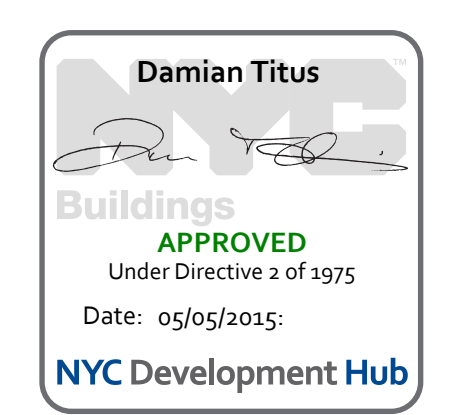
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3/30/2015 11:47:17 AM

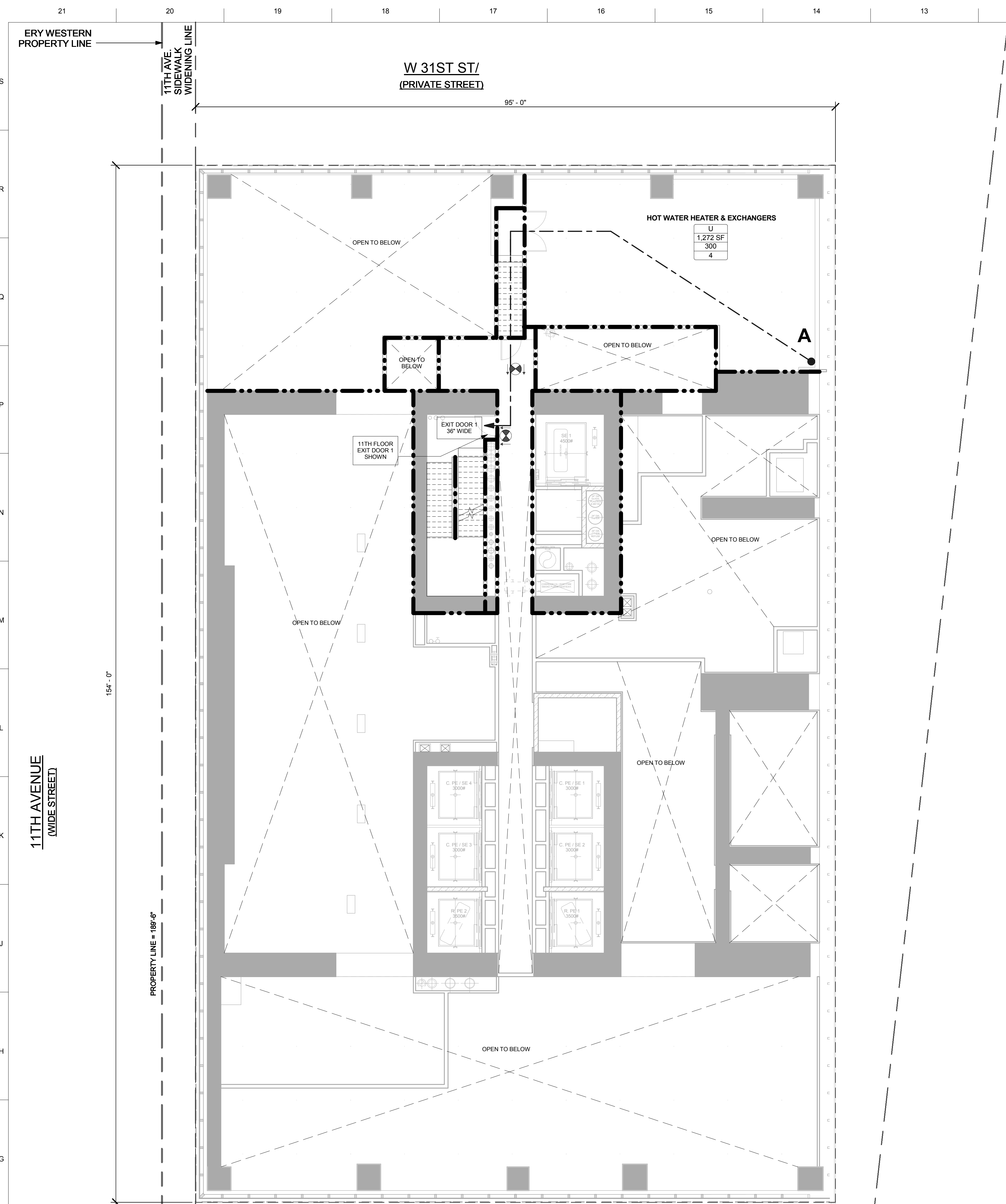
**DRAWING SCALE:**  
1/8" = 1'-0"

**PROJECT NUMBER**

**TITLE**  
9th & 10th Floor Egress Plans

**DRAWING NO.**  
EG-109.00





Room/Space	Area	Occupancy Group	Occupancy Load Factor Note	No. Of Occupants
HOT WATER HEATER & EXCHANGERS	1,272 SF	U		300
Grand total				4

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL (R-2)	A	83' - 0"	200' - 0" MAX.	YES

Exit No.	Egress Component	Egress Component Width (In Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	146
	Door	36	0.2	180
Total Max. Exit Capacity for Floor = 292				

ERY SOUTHWEST PROPERTY CORNER  
TOWER D ORIGIN (0,0)

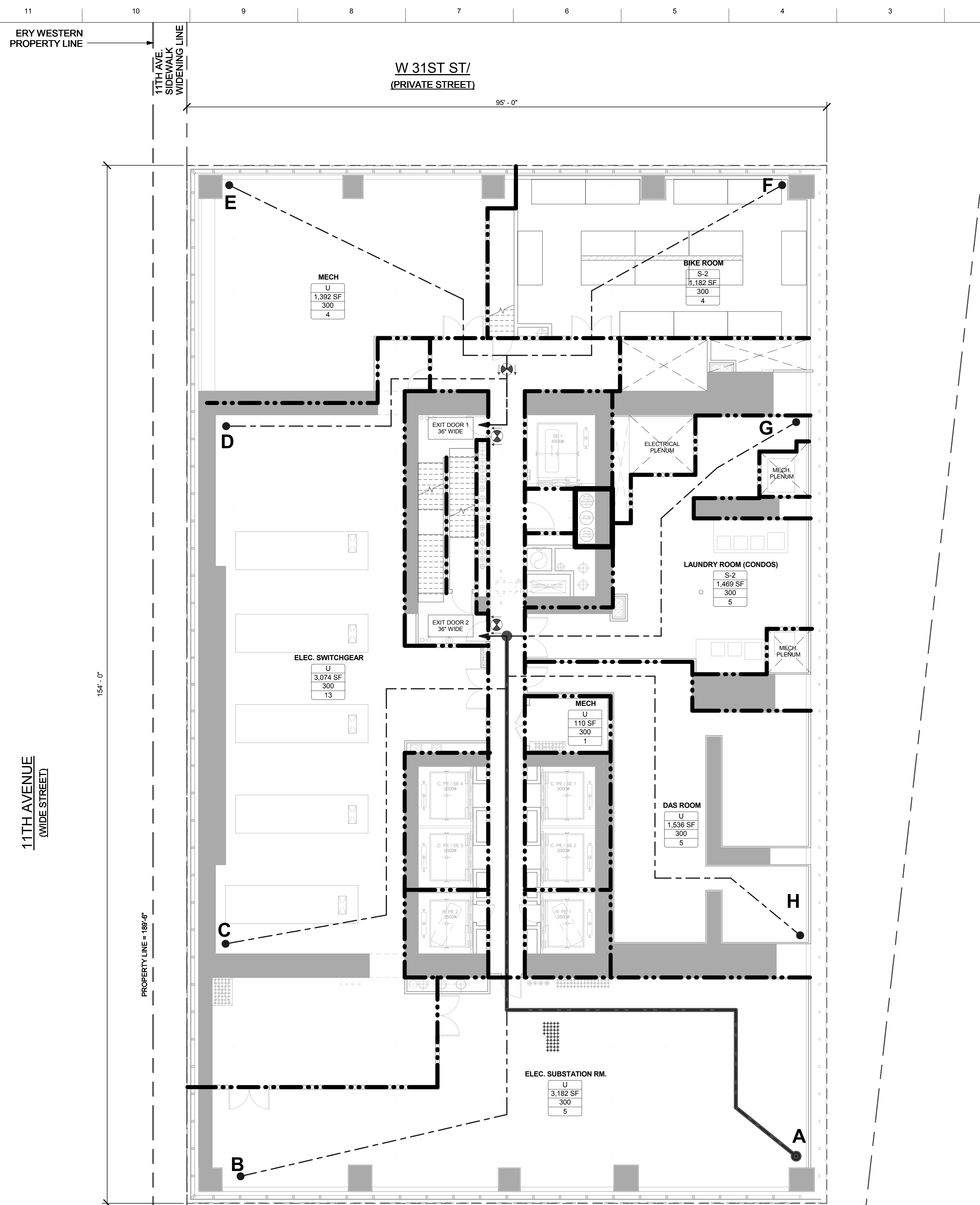
PROPERTY LINE = 386'-0"

W 30TH STREET  
NARROW STREET

LIFE SAFETY & EGRESS PLAN - 11TH FLOOR MEZZANINE

2

1/8" = 1'-0"



Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
LAUNDRY ROOM (CONDOS)	1,469 SF	S-2	300	5
BIKE ROOM	1,182 SF	S-2	300	4
ELEC. SWITCHGEAR	3,074 SF	U	300	13
	81 SF	U		9
MECH	110 SF	U	300	1
MECH	1,392 SF	U	300	4
DAS ROOM	1,536 SF	U	300	5
ELEC. SUBSTATION RM.	3,182 SF	U	300	5
Grand total				46

Occupancy	Travel Distance From Point	Travel Distance to Nearest Exit	Max. Allowed with Sprinkler System	Compliance
RESIDENTIAL (R-2)	A	173' - 8"	200' - 0" MAX.	YES
RESIDENTIAL (R-2)	B	114' - 4"	200' - 0" MAX.	YES
RESIDENTIAL (R-2)	C	98' - 4"	200' - 0" MAX.	YES
RESIDENTIAL (R-2)	D	76' - 11"	200' - 0" MAX.	YES
RESIDENTIAL (R-2)	E	58' - 2"	200' - 0" MAX.	YES
RESIDENTIAL (R-2)	F	67' - 7"	200' - 0" MAX.	YES
RESIDENTIAL (R-2)	G	67' - 10"	200' - 0" MAX.	YES
RESIDENTIAL (R-2)	H	85' - 3"	200' - 0" MAX.	YES

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 115' - 6"

Exit No.	Egress Component	Egress Component Width (In Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair 1	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair 2	Stair	44	0.3	146
	Door	36	0.2	180
Total Max. Exit Capacity for Floor = 292				

ERY SOUTHWEST PROPERTY CORNER  
TOWER D ORIGIN (0,0)

PROPERTY LINE = 386'-0"

W 30TH STREET  
NARROW STREET

LIFE SAFETY & EGRESS PLAN - 11TH FLOOR

1

1/8" = 1'-0"

**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- NON-RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION
- SPACE/ROOM NAME
- OCCUPANCY GROUP
- AREA SIZE
- OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD
- EXIT SYMBOL (SHADED AREA INDICATES WHERE THE LIT "EXIT" LETTERS FACE)
- PROTECTED AREA
- FUTURE TENANT FIT OUT

**15 HUDSON YARDS**  
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**LANDSCAPE DESIGNER:**  
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**SHEET NOTES:**

- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6
- 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1016.
- 3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1 HOUR FIRE RATED SELF CLOSING DOORS IN ACCORDANCE WITH BC 1013.6.2 AND 1016.2.4 (IF ALL ARE CORRIDORS IN ACCORDANCE WITH BC 1016.2).
- 4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02/15/2013
REVISED ID ISSUE	05/06/2013
EXTERIOR WALL PRELIM. BID	09/25/2013
EXTERIOR WALL PRELIM. BID	11/25/2013
D.O.B. INITIAL FILING	11/22/2013
FINAL SD ISSUE	11/25/2013
EXTERIOR WALL BID SET	01/27/2014
E.W. BID SET ADDENDUM 1	03/05/2014
FOUNDATION BID SET	05/02/2014
FOUNDATION BID SET REV. 1	05/20/2014
FINAL SD ISSUE - REVISED	08/25/2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11/17/2014
DESIGN DEVELOPMENT SET	12/22/2014
UPDATED DOB SET	01/20/2015

**DATE OF PRINT**  
1/20/2015 5:23:32 PM

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

**PROJECT NUMBER**

**TITLE**  
11th & 11th Mezz Floor Egress Plans

**DRAWING NO.**  
**EG-111.00**

**Damian Titus**  
Buildings  
APPROVED  
Under Directive 2 of 1975  
Date: 09/09/2015  
NYC Development Hub

**OWNER:**  
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**LANDSCAPE DESIGNER:**  
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**SHEET NOTES:**

1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.

2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.

3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1.5 HOURS FIRE RATED SELF CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPT ION 4 (DEAD-END CORRIDORS IN R-2 OCCUPANCIES)

4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1

**KEY PLAN**

**ISSUE SET DATE**

SCHEMATIC DESIGN ISSUE 02.15.2013

REVISED SD ISSUE 05.09.2013

EXTERIOR WALL 75% DD 09.05.2013

EXTERIOR WALL PRELIM. BID 11.05.2013

D.O.B. INITIAL FILING 11.22.2013

FINAL SD ISSUE 11.25.2013

EXTERIOR WALL BID SET 01.27.2014

E.W. BID SET ADDENDUM 1 03.05.2014

FOUNDATION BID SET 08.02.2014

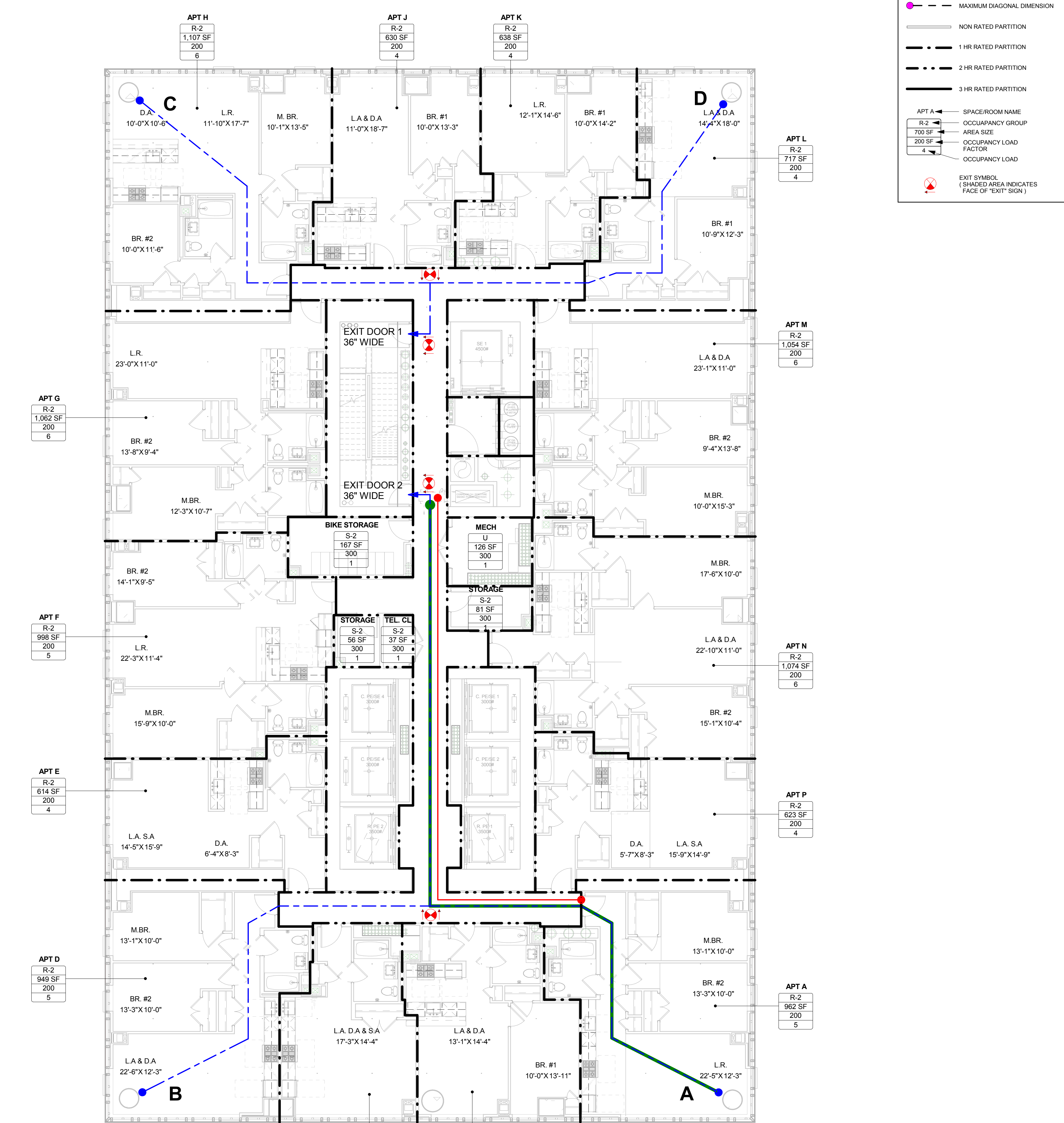
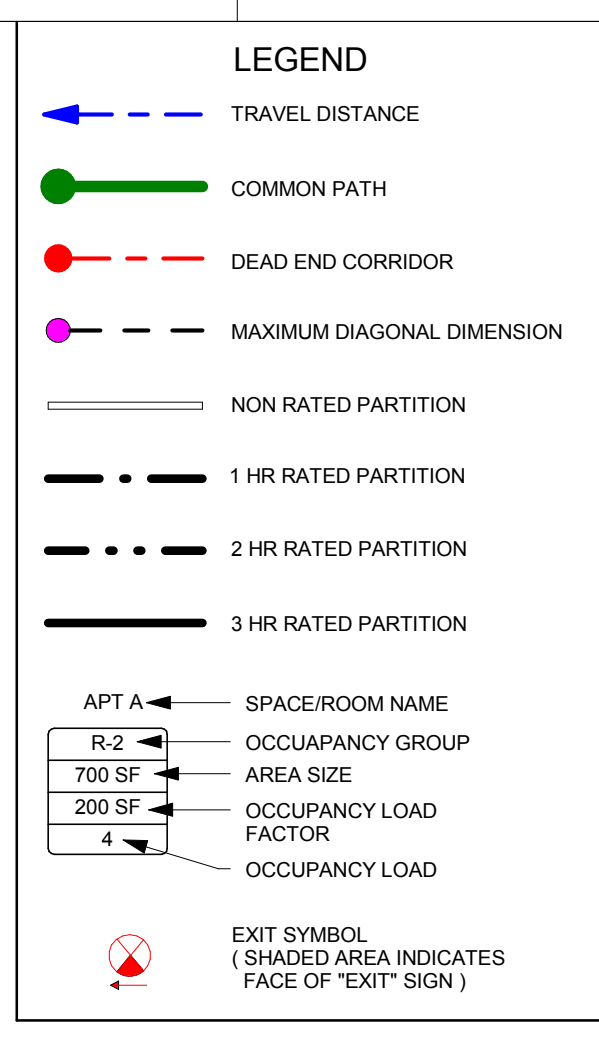
FOUNDATION BID SET REV. 1 06.30.2014

FINAL SD ISSUE - REVISED 08.25.2014

SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS) 11.17.2014

DESIGN DEVELOPMENT SET 12.22.2014

UPDATED DOB SET 01.20.2015



**12-18TH FLOORS TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	123' - 5"
R-2	B	123' - 5"
R-2	C	70' - 3"
R-2	D	70' - 11"

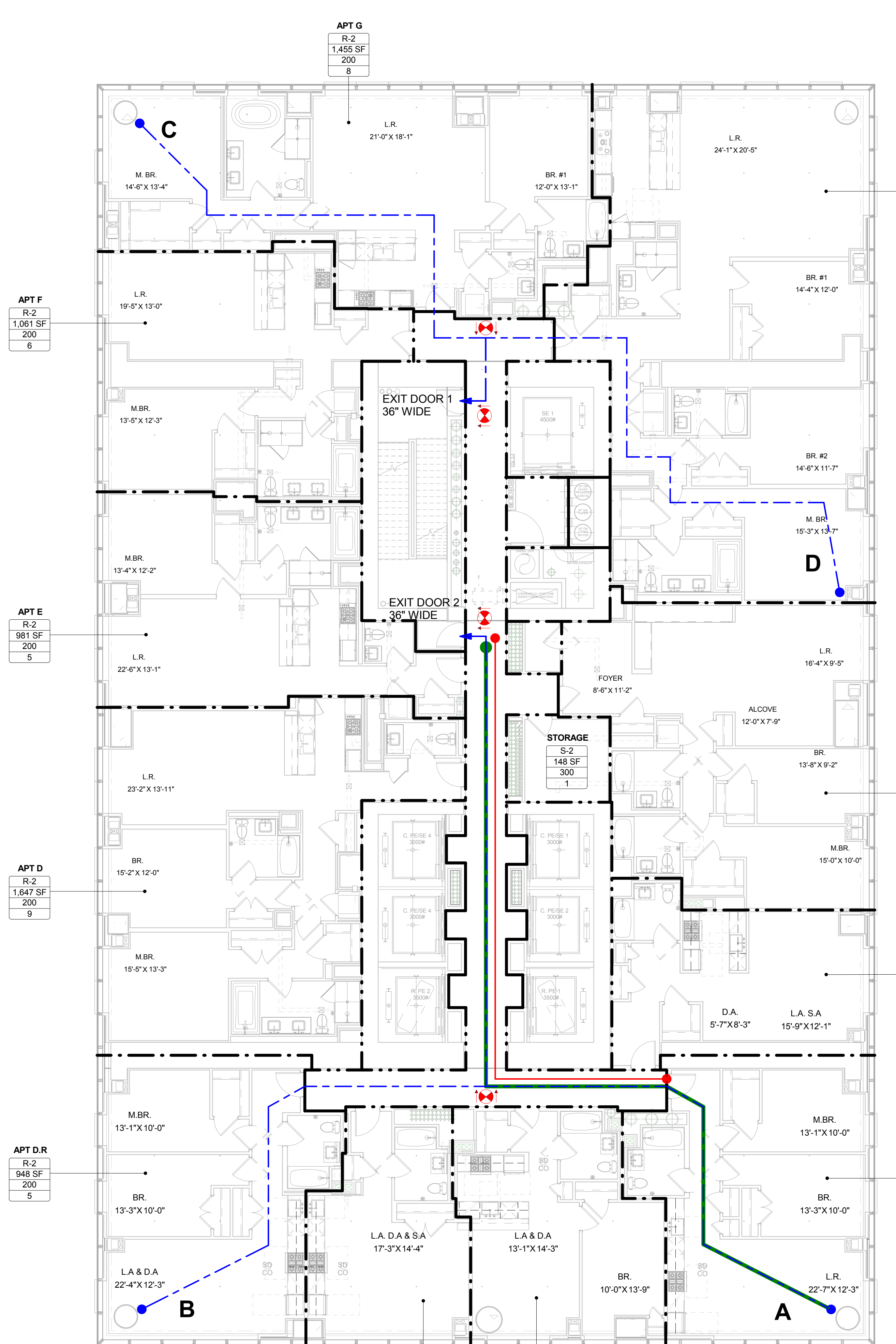
MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 120' - 11"

MAXIMUM DEAD END CORRIDOR DISTANCE = 79' - 8"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor = 292</b>				

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
A	962	R-2	200	5
B	663	R-2	200	4
C	509	R-2	200	3
D	949	R-2	200	5
E	614	R-2	200	4
F	998	R-2	200	5
G	1,062	R-2	200	6
H	1,107	R-2	200	6
J	630	R-2	200	4
K	638	R-2	200	4
L	717	R-2	200	4
M	1,054	R-2	200	6
N	1,074	R-2	200	6
P	623	R-2	200	4
BIKE STORAGE	167	S-2	300	1
STORAGE	81	S-2	300	1
STORAGE	56	S-2	300	1
TEL. CL.	37	S-2	300	1
MECH.	126	U	300	1
<b>Grand total</b>				<b>71</b>



**19TH FLOOR TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	118' - 3"
R-2	B	118' - 3"
R-2	C	73' - 2"
R-2	D	82' - 0"

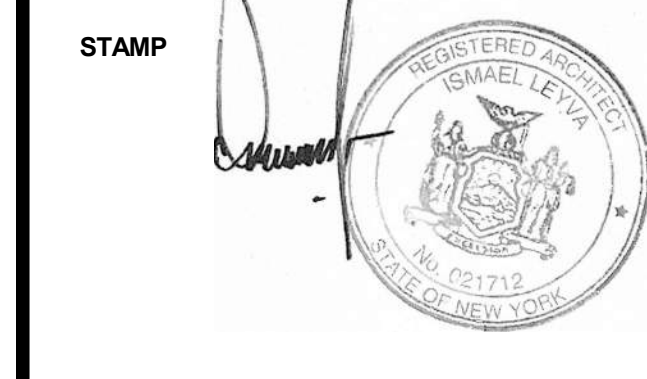
MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 116' - 8"

MAXIMUM DEAD END CORRIDOR DISTANCE = 74' - 9"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor = 292</b>				

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
A.R	962	R-2	200	5
B.R	663	R-2	200	4
C.R	509	R-2	200	3
D	1,647	R-2	200	9
D.R	948	R-2	200	5
E	981	R-2	200	5
E.R	695	R-2	200	4
F	1,061	R-2	200	6
G	1,455	R-2	200	8
H	2,244	R-2	200	12
R.M.	1,342	R-2	200	7
STORAGE	148	S-2	300	1
<b>Grand total</b>				<b>69</b>



**DATE OF PRINT**  
1/20/2015 7:47:32 PM

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

**PROJECT NUMBER**  
LIFE SAFETY & EGRESS PLANS

**TITLE**  
LIFE SAFETY & EGRESS PLANS

**DRAWING NO.**  
EG-112.00





**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
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**EXECUTIVE ARCHITECT:**  
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**LANDSCAPE DESIGNER:**  
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**SHEET NOTES:**

- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.
- 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.
- 3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1.5 HOURS FIRE RATED SELF CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPTION 4 (DEAD-END CORRIDORS IN R-2 OCCUPANCIES).
- 4) ALL PUBLIC CORRIDORS SHALL HAVE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1.

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.30.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

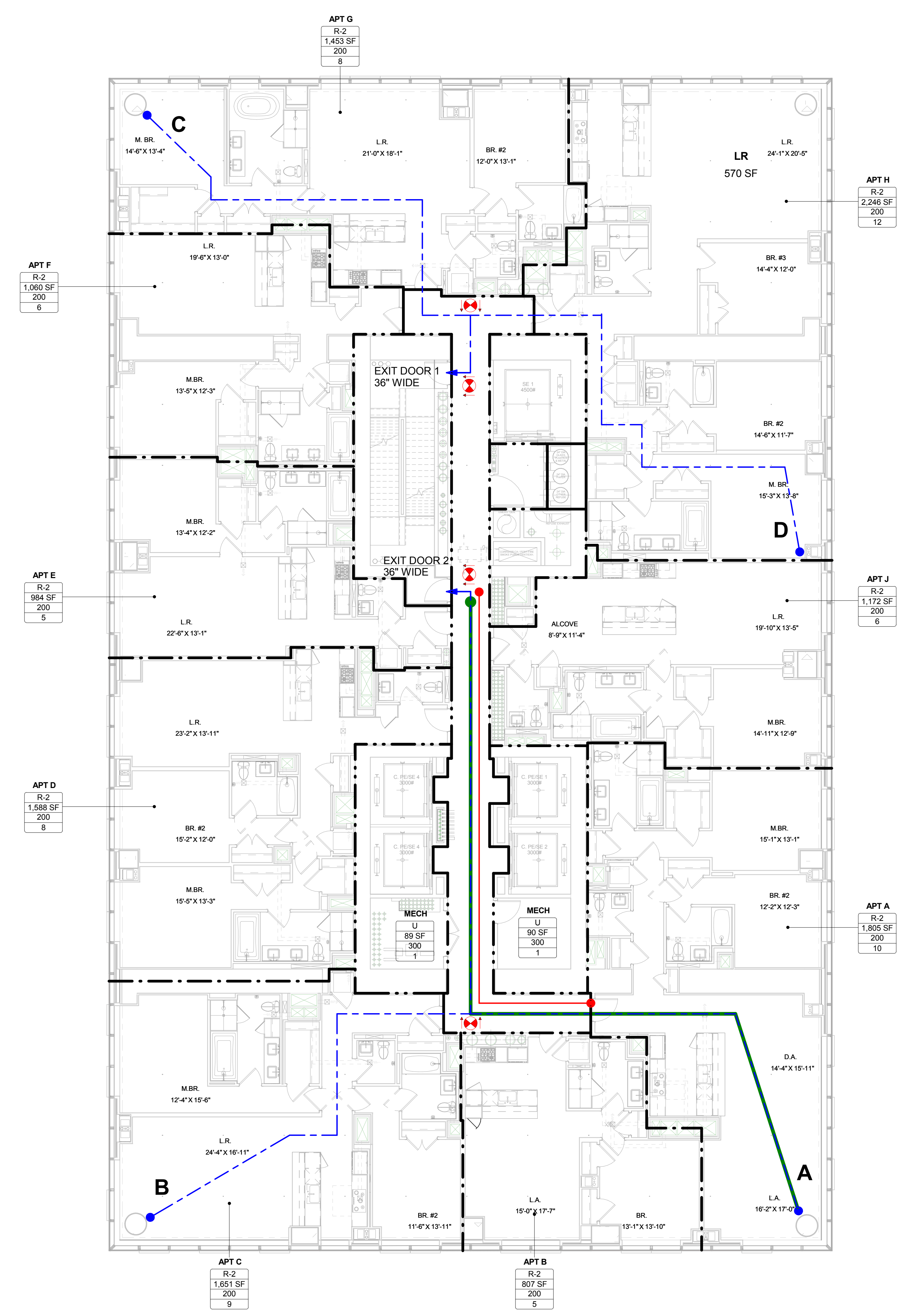
**LEGEND**

- TRAVEL DISTANCE (Blue dashed line)
- COMMON PATH (Green solid line)
- DEAD END CORRIDOR (Red dashed line)
- MAXIMUM DIAGONAL DIMENSION (Pink dashed line)
- NON RATED PARTITION (Thin grey line)
- 1 HR RATED PARTITION (Dashed grey line)
- 2 HR RATED PARTITION (Dotted grey line)
- 3 HR RATED PARTITION (Thick solid grey line)

**APT A - J**

- R-2: SPACE/ROOM NAME
- AREA SIZE
- OCCUPANCY GROUP
- OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD

**EXIT SYMBOLS:**  
EXIT SYMBOL (Red circle with X)  
SHADED AREA INDICATES FACE OF "EXIT SIGN"



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
A	1,805	R-2	200	10
B	807	R-2	200	5
C	1,651	R-2	200	9
D	1,588	R-2	200	8
E	984	R-2	200	5
F	1,060	R-2	200	6
G	1,453	R-2	200	8
H	2,246	R-2	200	12
J	1,172	R-2	200	6
MECH	1,684	U	300	7
MECH	90	U	300	1
MECH	89	U	300	1
Grand total				78

**23RD-35TH FLOORS TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	119' - 3"
R-2	B	118' - 3"
R-2	C	73' - 1"
R-2	D	82' - 0"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 116'-0"  
MAXIMUM DEAD END CORRIDOR DISTANCE = 66'-8"

Exit No.	Egress Component	Egress Component Width (Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>



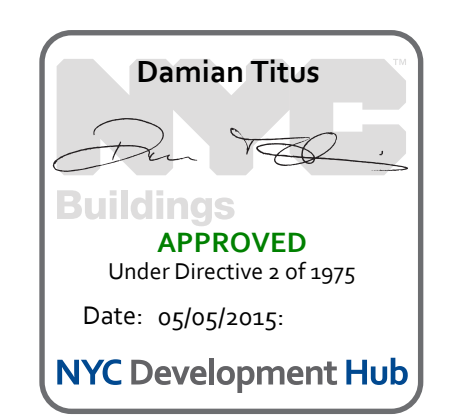
**DATE OF PRINT:**  
1/20/2015 7:47:42 PM

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

**PROJECT NUMBER:**

**TITLE:**  
LIFE SAFETY & EGRESS PLANS

**DRAWING NO.:**  
EG-123.00



**OWNER:**  
Related Companies  
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**EXECUTIVE ARCHITECT:**  
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**DESIGNER:**  
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New York, New York 10001  
T: 212.690.7871

**DESIGNER:**  
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**MEP ENGINEER:**  
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T: 212.397.1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
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T: 212.260-2270

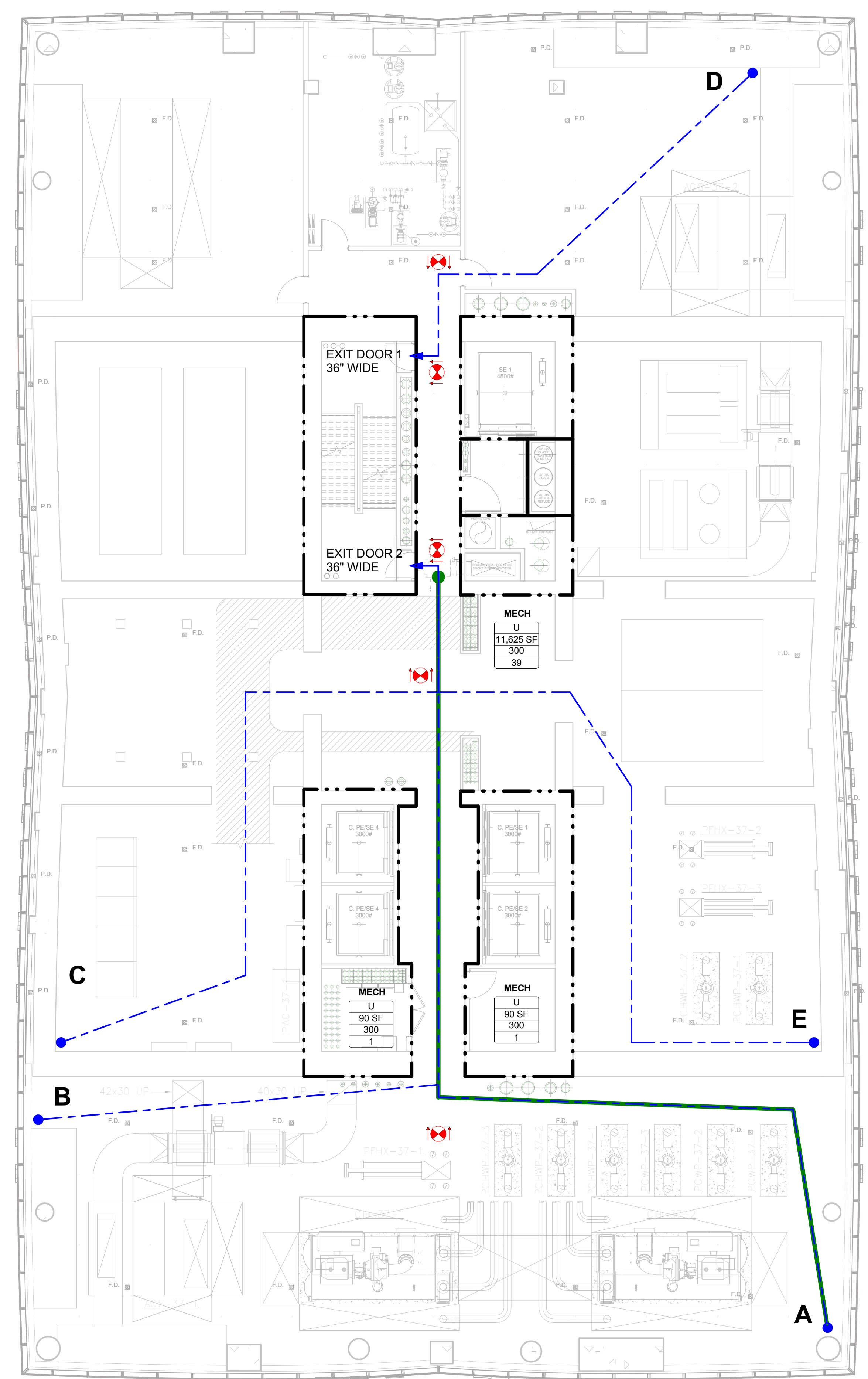
**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- MAXIMUM DIAGONAL DIMENSION
- NON RATED PARTITION
- 1 HR RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION
- SPACE/ROOM NAME
- OCCUPANCY GROUP
- AREA SIZE
- OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD
- EXIT SYMBOL (SHADED AREA INDICATES FACE OF "EXIT" SIGN)

- SHEET NOTES:**
- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.
  - 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.
  - 3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1.5 HOURS FIRE RATED SELF CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPTION 4 (DEAD-END CORRIDORS IN R-2 OCCUPANCIES)
  - 4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1
- KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
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E.W. BID SET ADDENDUM 1	03.05.2014
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UPDATED DOB SET	01.20.2015



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

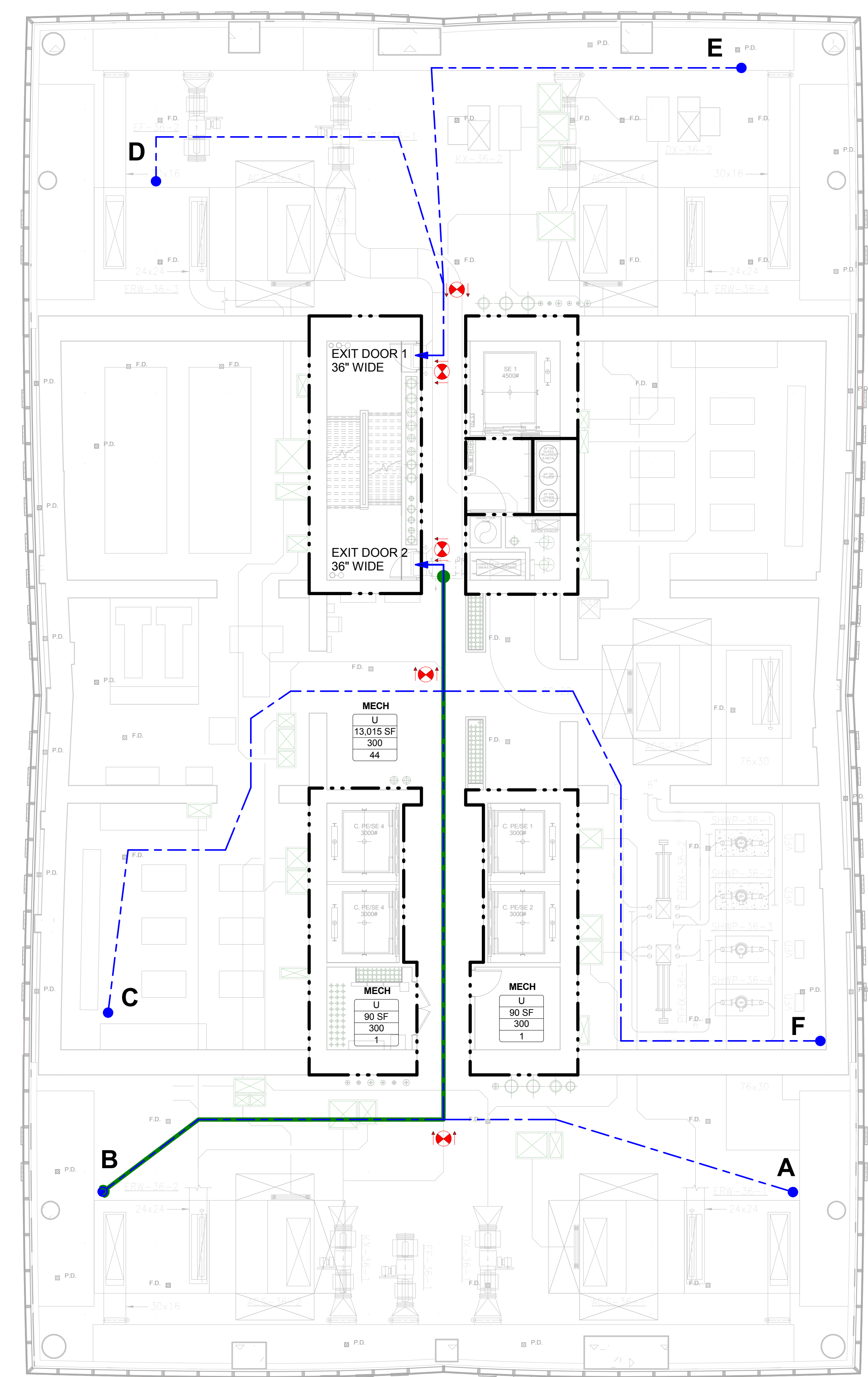
Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
MECH	11,625	U	300	39
MECH	90	U	300	1
MECH	90	U	300	1
Grand total				41

**37TH FLOOR TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	124'-10"
R-2	B	107'-0"
R-2	C	91'-10"
R-2	D	55'-5"
R-2	E	93'-0"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 123'-7"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
Total Max. Exit Capacity for Floor = 292				



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
MECH	13,015	U	300	44
MECH	90	U	300	1
MECH	90	U	300	1
Grand total				46

**36TH FLOOR TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	105'-11"
R-2	B	105'-8"
R-2	C	78'-3"
R-2	D	59'-7"
R-2	E	69'-4"
R-2	F	94'-0"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (B) = 102'-5"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
Total Max. Exit Capacity for Floor = 292				



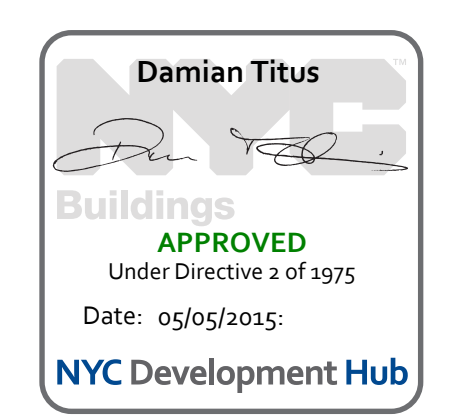
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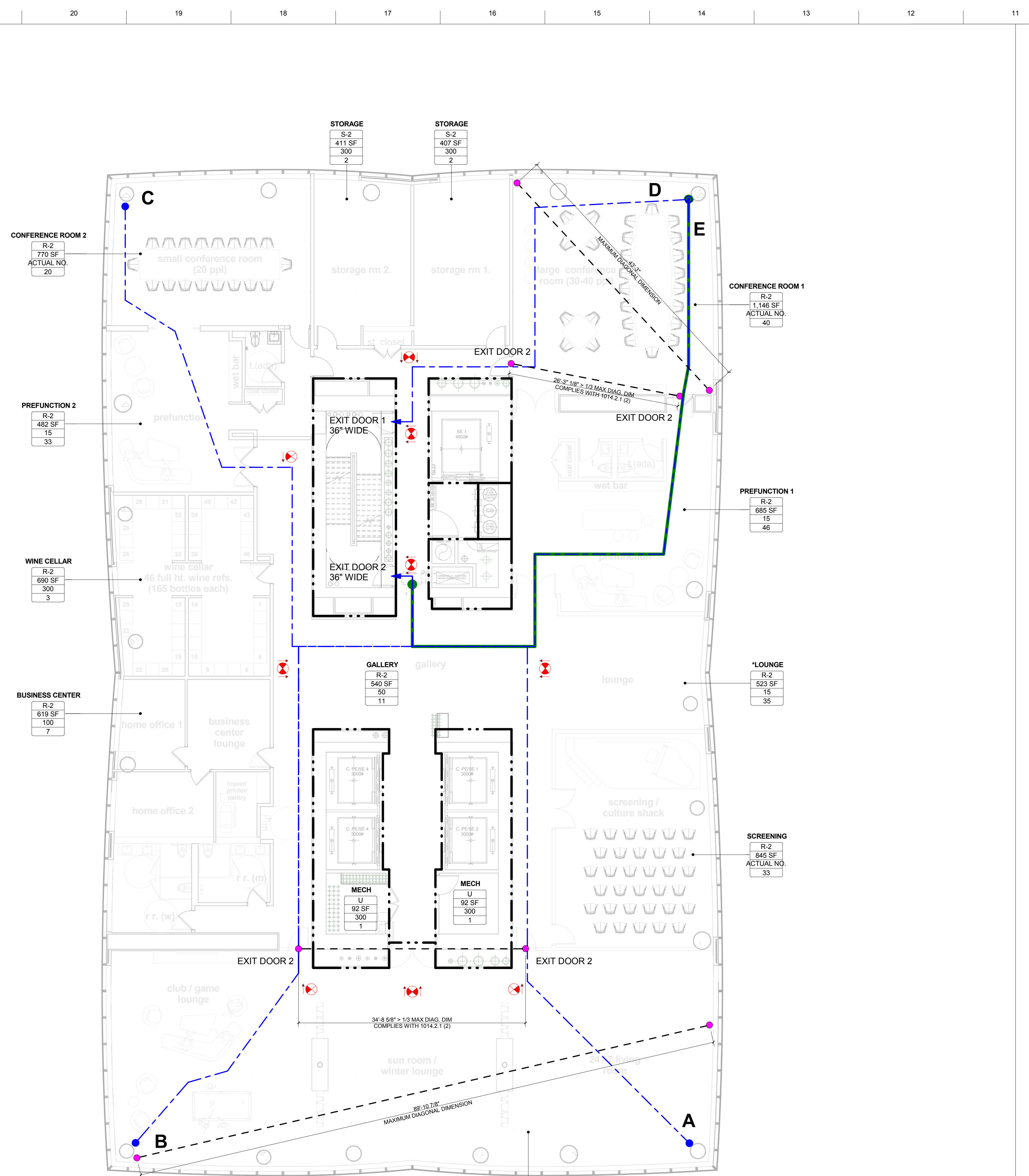
**DRAWING SCALE**  
1/8" = 1'-0"

**PROJECT NUMBER**

**TITLE**  
LIFE SAFETY & EGRESS PLANS

**DRAWING NO.**  
EG-136.00





OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS

Room/Space	Area	Occupancy Group	Occupancy Load Factor Note	Occupancy Load	No. Of Occupants
"LOUNGE	523	R-2		15	35
BUSINESS CENTER	819	R-2		100	7
CONFERENCE ROOM 1	1,146	R-2	ACTUAL NO.	29	40
CONFERENCE ROOM 2	770	R-2	ACTUAL NO.	39	20
GALLERY	540	R-2		50	11
PREFUNCTION 1	685	R-2		15	46
PREFUNCTION 2	482	R-2		15	33
SCREENING	845	R-2	ACTUAL NO.	26	33
SUN ROOM	3,280	R-2		50	66
WINE CELLAR	690	R-2		3	3
STORAGE	411	S-2		300	2
STORAGE	407	S-2		300	2
MECH	92	U		300	1
MECH	92	U		300	1
Grand total					265

\*NON SIMULTANEOUS OCCUPANCY EXCLUDED FROM GRAND TOTAL

39TH FLOOR TRAVEL DISTANCE CHART

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	114' - 7"
R-2	B	118' - 9"
R-2	C	114' - 2"
R-2	D	76' - 10"
R-2	E	119' - 7"

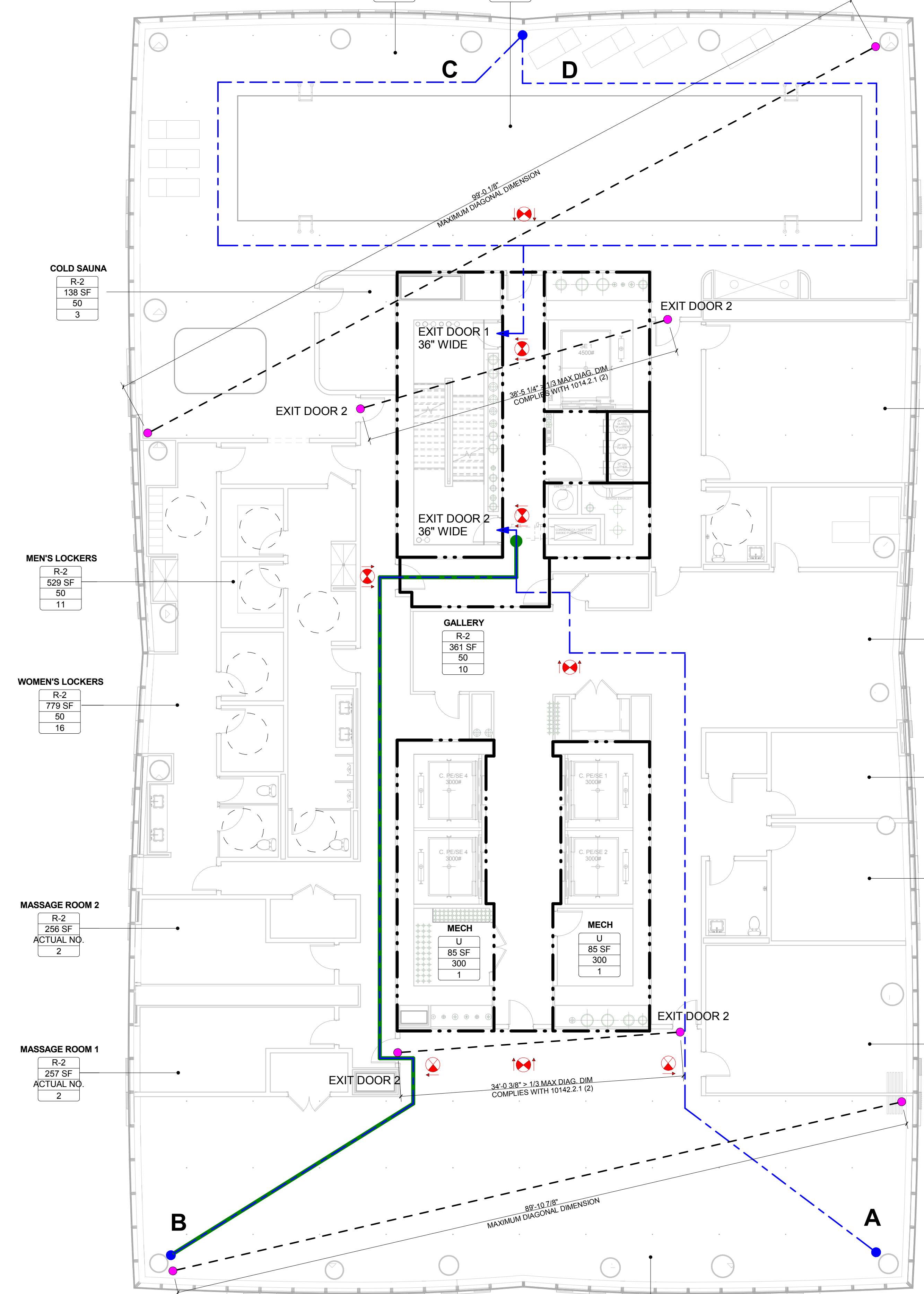
MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (E) = 116'-4"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
Total Max. Exit Capacity for Floor = 292				

Required Plumbing Facility Calculations (Chapter 4 - NYC Plumbing Code)

Floor / Level	Room/Space/Area	Occupancy/Use for Plumbing Fixture Count (PC403.1)	Total Occupant Load (PC403.1 - See Occupancy Load Table)		Occupant Load by Gender (50% M / 50% F) (PC403.3)		Water Closets (PC403.1)		Urinals (PC419.2) (Table (PC403.3) Substitution for Water Closets)	Lavatories (403.1) (Table (PC403.1) (1 per 500))	Drinking Fountains (PC403.1) (1 per 500)	Other Fixtures (PC403.1)
			MALE	FEMALE	MALE (1/70)	FEMALE (1/40)	MALE (1/75)	FEMALE (1/75)	MALE (1/75)	FEMALE (1/75)		
39th Floor	Residential Accessory Lounge, Screening room, Conference rooms, Business center & Wine Cellar/Storage	A-2 / A-4	365	133	133		1	4	1	2	2	1
							2	4	1	3	3	2

Notes/Remarks: Urinal toilet facilities have been included in total plumbing fixture counts in accordance with PC403.1.1. Total fixtures provided in unisex facilities have been equally allocated to male and female plumbing fixture counts.



OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS

Room/Space	Area	Occupancy Group	Occupancy Load Factor Note	Occupancy Load	No. Of Occupants
"LOUNGE	546	R-2		15	37
COLD SAUNA	136	R-2		50	3
GALLERY	361	R-2		50	10
GYM	2,532	R-2		50	51
KID'S / POOL PARTY ROOM	470	R-2	15	15	32
MESSAGE ROOM 1	257	R-2	ACTUAL NO.	129	2
MESSAGE ROOM 2	256	R-2	ACTUAL NO.	128	2
MEN'S LOCKERS	529	R-2		50	11
MULTI-PURPOSE ROOM	535	R-2		15	11
POOL	1,125	R-2		50	23
POOL DECK	2,437	R-2		50	49
PRIVATE EXERCISE 1	206	R-2		50	5
PRIVATE EXERCISE 2	231	R-2		50	5
WOMEN'S LOCKERS	779	R-2		50	16
MECH	85	U		300	1
MECH	85	U		300	1
Grand total					222

\*NON SIMULTANEOUS OCCUPANCY EXCLUDED FROM GRAND TOTAL

38TH FLOOR TRAVEL DISTANCE CHART

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	119' - 3"
R-2	B	124' - 8"
R-2	C	107' - 8"
R-2	D	122' - 7"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (B) = 122'-4"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
Total Max. Exit Capacity for Floor = 292				

Required Plumbing Facility Calculations (Chapter 29 - NYC Building Code)

Floor / Level	Room/Space/Area	Occupancy/Use (PC403.1)	Total Occupant Load (PC403.1 - See Occupancy Load Table)		Occupant Load by Gender (50% M / 50% F) (PC403.3)		Water Closets (PC403.1)		Urinals (PC419.2) (Table (PC403.3) Substitution for Water Closets)	Lavatories (403.1) (Table (PC403.1) (1 per 500))	Drinking Fountains (PC403.1) (1 per 500)	Other Fixtures (PC403.1)
			MALE	FEMALE	MALE (1/70)	FEMALE (1/40)	MALE (1/75)	FEMALE (1/75)	MALE (1/75)	FEMALE (1/75)		
38th Floor	Residential Accessory Pool, Spa & Fitness Gym, Exercise rooms, Kid's Party/Play room.	A-2 / A-4	222	111	111		1	3	1	2	2	1
							2	3	2	3	3	2

Notes/Remarks: Unisex toilet facilities have been included in total plumbing fixture counts in accordance with PC403.1.1. Total fixtures provided in unisex facilities have been equally allocated to male and female plumbing fixture counts.

**LEGEND**  
 TRAVEL DISTANCE  
 COMMON PATH  
 DEAD END CORRIDOR  
 MAXIMUM DIAGONAL DIMENSION  
 NON RATED PARTITION  
 1 HR RATED PARTITION  
 2 HR RATED PARTITION  
 3 HR RATED PARTITION  
 APT A - SPACE/ROOM NAME  
 R-2 - OCCUPANCY GROUP  
 770 SF - AREA SIZE  
 300 SF - OCCUPANCY LOAD FACTOR  
 4 - OCCUPANCY LOAD  
 EXIT SYMBOL (SHADED AREA INDICATES FACE OF "EXIT" SIGN)

**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 90 Columbus Circle  
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**ACOUSTICAL CONSULTANTS:**  
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**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 920  
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**SHEET NOTES:**

1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.

2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.

3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1 1/2 HOURS FIRE RATED SELF CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPTION 4 (DEAD-END CORRIDORS IN R-2 OCCUPANCIES).

4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
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UPDATED DOB SET	01.20.2015

**STAMP**

**DATE OF PRINT**  
 3/30/2015 11:29:23 AM

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

**PROJECT NUMBER**

**TITLE**  
 LIFE SAFETY & EGRESS PLANS

**DRAWING NO.**  
 EG-138.00

Damjan Titus  
 BUILDING PROFESSIONAL  
 APPROVED  
 Under Directive of 1975  
 Date: 05/25/2015  
 NYC Development Hub

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

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**VERTICAL TRANSPORTATION:**  
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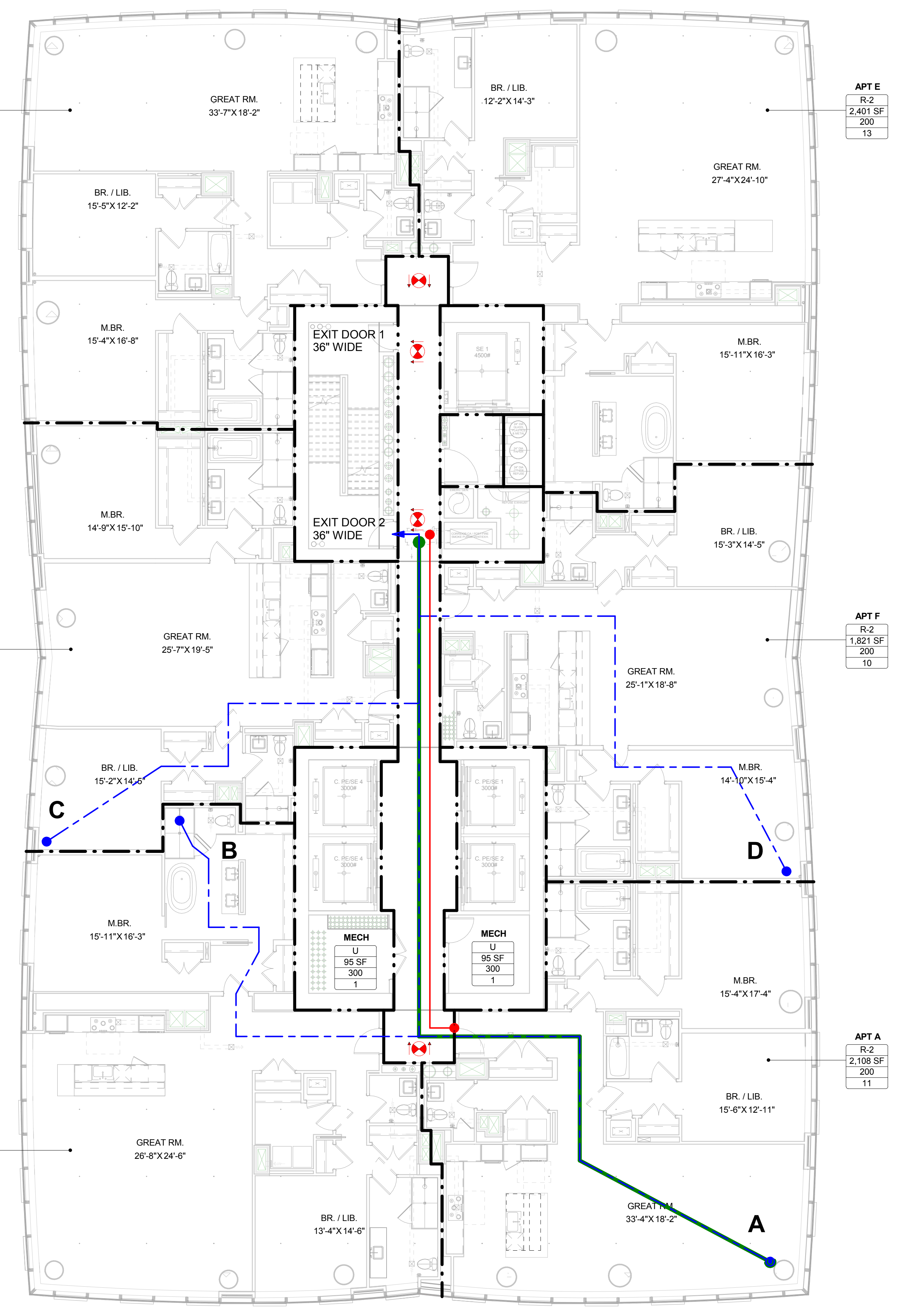
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**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- MAXIMUM DIAGONAL DIMENSION
- NON RATED PARTITION
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- OCCUPANCY GROUP
- AREA SIZE
- OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD
- EXIT SYMBOL (SHADED AREA INDICATES FACE OF "EXIT" SIGN)



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
A	2,108	R-2	200	11
B	2,404	R-2	200	13
C	1,862	R-2	200	10
D	2,083	R-2	200	11
E	2,401	R-2	200	13
F	1,821	R-2	200	10
MECH	95	U	300	1
MECH	95	U	300	1
<b>Grand total</b>				<b>70</b>

**40TH-45TH FLOORS TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	121' - 5"
R-2	B	117' - 2"
R-2	C	78' - 5"
R-2	D	79' - 1"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 118' - 7"  
MAXIMUM DEAD END CORRIDOR DISTANCE = 61' - 9"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>

- SHEET NOTES:**
- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.
  - 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.
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  - 4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1

**KEY PLAN**

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REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.20.2014
FOUNDATION BID SET REV. 1	06.30.2014
FINAL SD ISSUE - REVISED	08.25.2014
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DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/20/2015 7:48:22 PM

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

**PROJECT NUMBER:**

**TITLE:**  
LIFE SAFETY & EGRESS PLANS

**DRAWING NO.:**  
EG-140.00

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Janet Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street - 1815  
New York, New York 10001  
T: 212.200.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10010  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

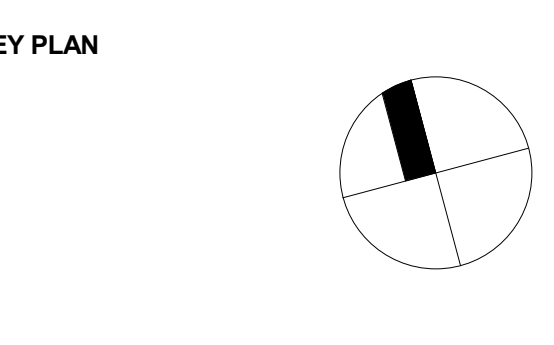
**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. #8  
New York, NY 10018  
T: 212-359-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-690-2270

**SHEET NOTES:**

- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.
- 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.
- 3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1 1/2 HOURS FIRE RATED SELF-CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPTION 4 (DEAD-END CORRIDORS IN R-2 OCCUPANCIES)
- 4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
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UPDATED DOB SET	01.20.2015

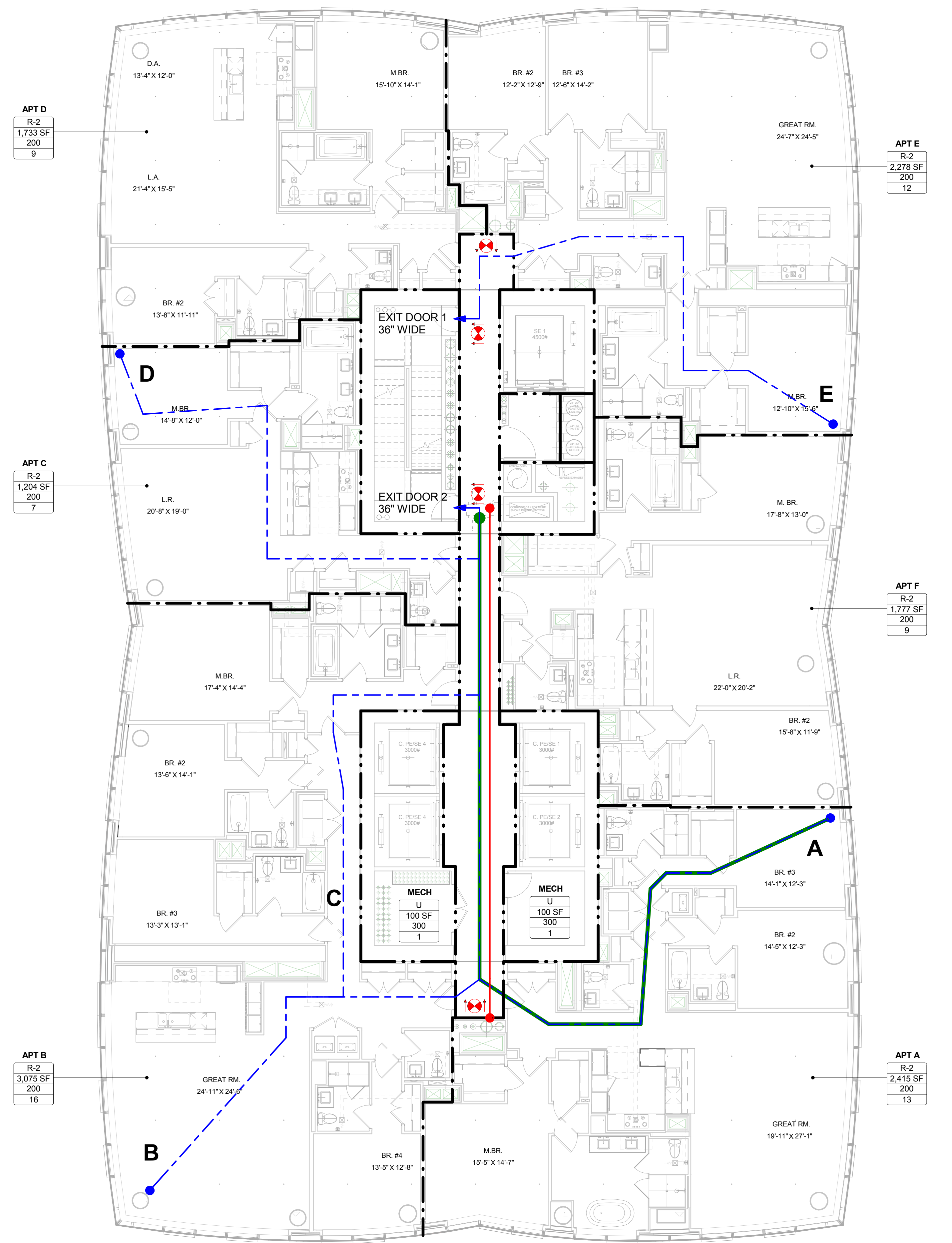
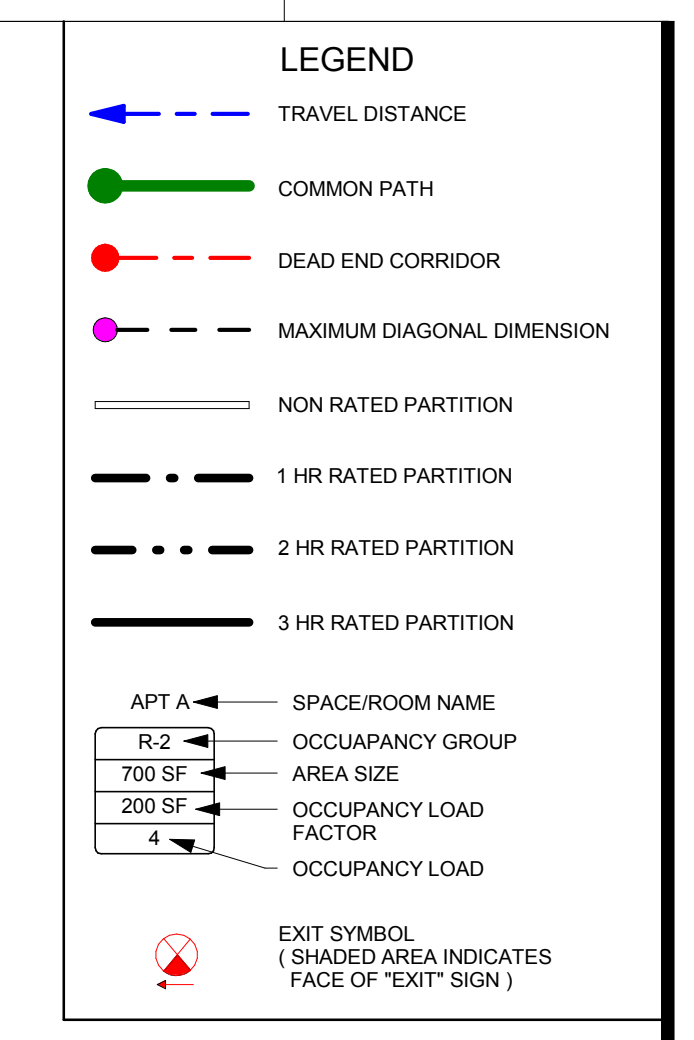
**DATE OF PRINT**  
1/20/2015 7:48:33 PM

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

**PROJECT NUMBER**

**TITLE**  
LIFE SAFETY & EGRESS PLANS

**DRAWING NO.**  
EG-146.00



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

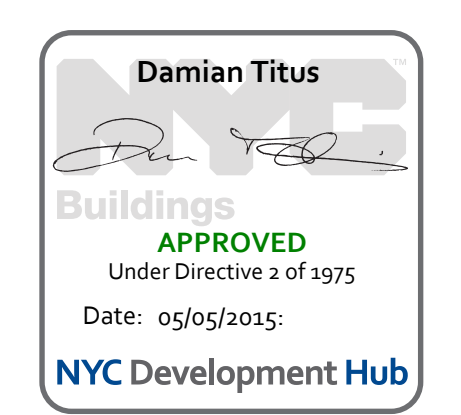
Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
A	2,415	R-2	200	13
B	3,075	R-2	200	16
C	1,204	R-2	200	7
D	1,733	R-2	200	9
E	2,278	R-2	200	12
F	1,777	R-2	200	9
MECH	100	U	300	1
MECH	100	U	300	1
<b>Grand total</b>				<b>68</b>

**46TH-55TH FLOORS TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	124' - 5"
R-2	B	116' - 5"
R-2	C	119' - 3"
R-2	D	77' - 7"
R-2	E	72' - 11"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 121'-3"  
MAXIMUM DEAD END CORRIDOR DISTANCE = 63'-8"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York, 10001  
T: 212.260.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York, 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.987.6988

**MEP ENGINEER:**  
Janice Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10010  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

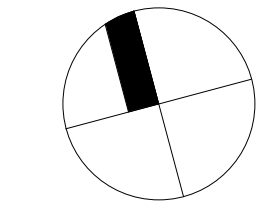
**LEED CONSULTANT:**  
Veridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-301-1776

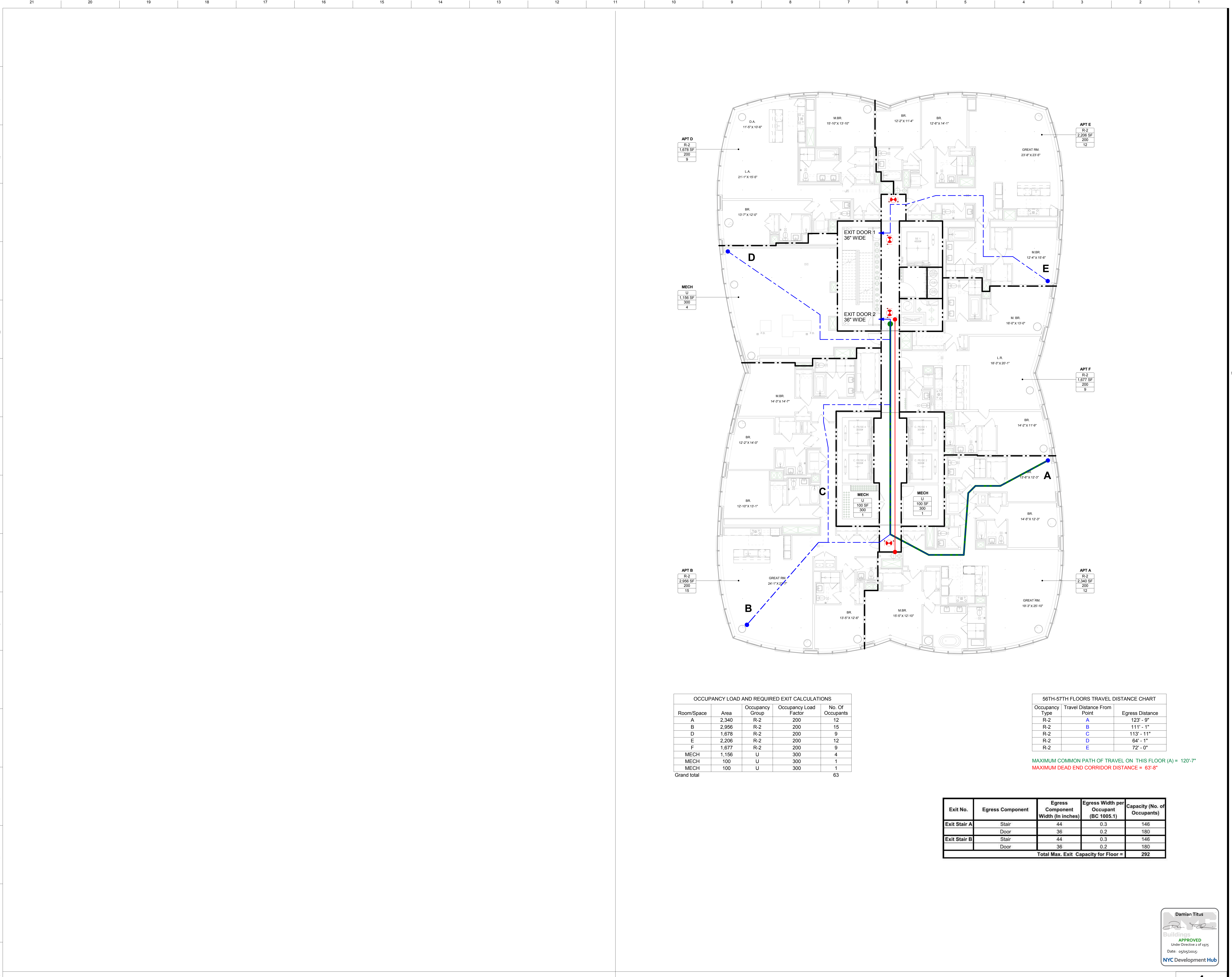
**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-690-2270

- SHEET NOTES:**
- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.
  - 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.
  - 3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1.5 HOURS FIRE RATED SELF-CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPTION 4 (DEAD-END CORRIDORS IN R-2 OCCUPANCIES)
  - 4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1

**KEY PLAN**



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
A	2,340	R-2	200	12
B	2,956	R-2	200	15
D	1,678	R-2	200	9
E	2,206	R-2	200	12
F	1,677	R-2	200	9
MECH	1,156	U	300	4
MECH	100	U	300	1
MECH	100	U	300	1
<b>Grand total</b>				<b>63</b>

**56TH-57TH FLOORS TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	123' - 9"
R-2	B	111' - 1"
R-2	C	113' - 11"
R-2	D	64' - 1"
R-2	E	72' - 0"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 120'-7"  
MAXIMUM DEAD END CORRIDOR DISTANCE = 63'-8"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>



**DATE OF PRINT:**  
1/26/2015 7:48:44 PM

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

**PROJECT NUMBER:**

**TITLE:**  
LIFE SAFETY & EGRESS PLANS

**DRAWING NO.:**  
**EG-156.00**

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Janet Laya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York, 10001  
T: 212.507.7071

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York, 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10010  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

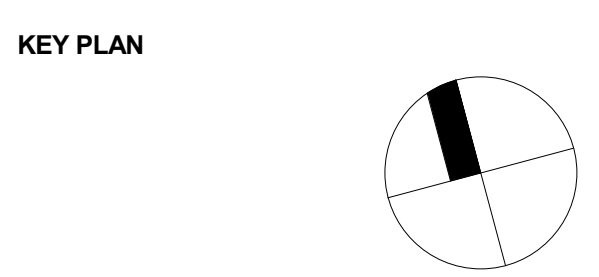
**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. #8  
New York, NY 10018  
T: 212-351-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-690-2270

- SHEET NOTES:**
- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.
  - 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.
  - 3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1.5 HOURS FIRE RATED SELF CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPTION 4 (DEAD-END CORRIDORS IN R-2 OCCUPANCIES)
  - 4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1



**ISSUE SET**

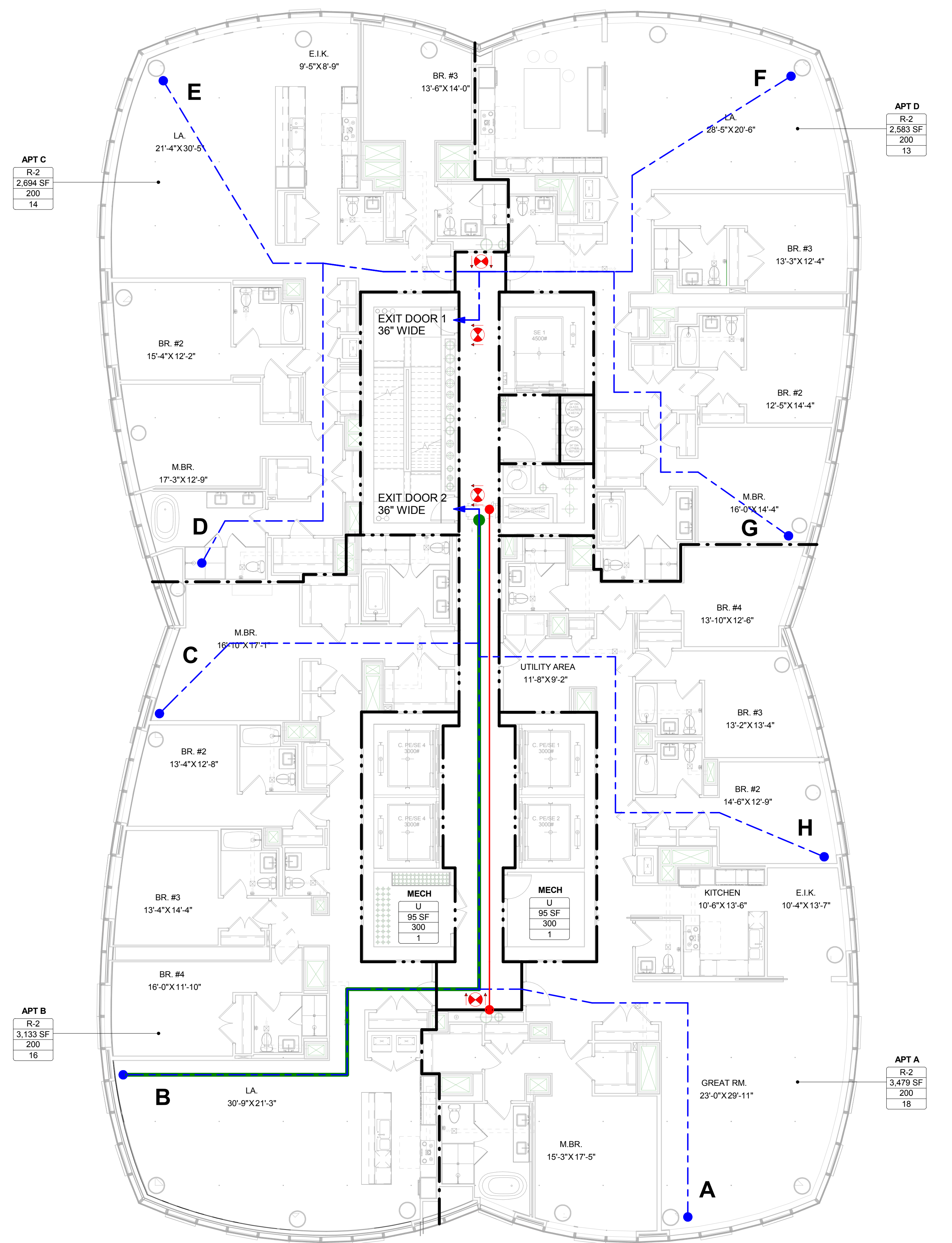
ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
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FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.30.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**LEGEND**

- TRAVEL DISTANCE (Blue dashed line)
- COMMON PATH (Green solid line)
- DEAD END CORRIDOR (Red dashed line)
- MAXIMUM DIAGONAL DIMENSION (Red dashed line)
- NON RATED PARTITION (Thin grey line)
- 1 HR RATED PARTITION (Thick grey line)
- 2 HR RATED PARTITION (Dotted grey line)
- 3 HR RATED PARTITION (Thick dashed grey line)

**APTA** - SPACE/ROOM NAME  
**R-2** - OCCUPANCY GROUP  
**700 SF** - AREA SIZE  
**200 SF** - OCCUPANCY LOAD FACTOR  
**4** - OCCUPANCY LOAD

**EXIT SYMBOL** (SHADED AREA INDICATES FACE OF "EXIT" SIGN)



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
A	3,479	R-2	200	18
B	3,133	R-2	200	16
C	2,694	R-2	200	14
D	2,583	R-2	200	13
MECH	95	U	300	1
MECH	95	U	300	1
Grand total				63

**58TH-63RD FLOORS TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	114' - 11"
R-2	B	117' - 11"
R-2	C	62' - 2"
R-2	D	76' - 2"
R-2	E	62' - 0"
R-2	F	62' - 5"
R-2	G	74' - 2"
R-2	H	84' - 1"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (B) = 113'-10"  
 MAXIMUM DEAD END CORRIDOR DISTANCE = 62'-6"

Exit No.	Egress Component	Egress Component Width (Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>



**DATE OF PRINT**  
1/20/2015 7:48:55 PM

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

**PROJECT NUMBER**



**TITLE**  
LIFE SAFETY & EGRESS PLANS

**DRAWING NO.**

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Janet Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street - 1815  
New York, New York 10001  
T: 212.200.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463.0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.297.6988

**MEP ENGINEER:**  
James Baird & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10010  
T: 212.530.9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689.5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973.994.9220

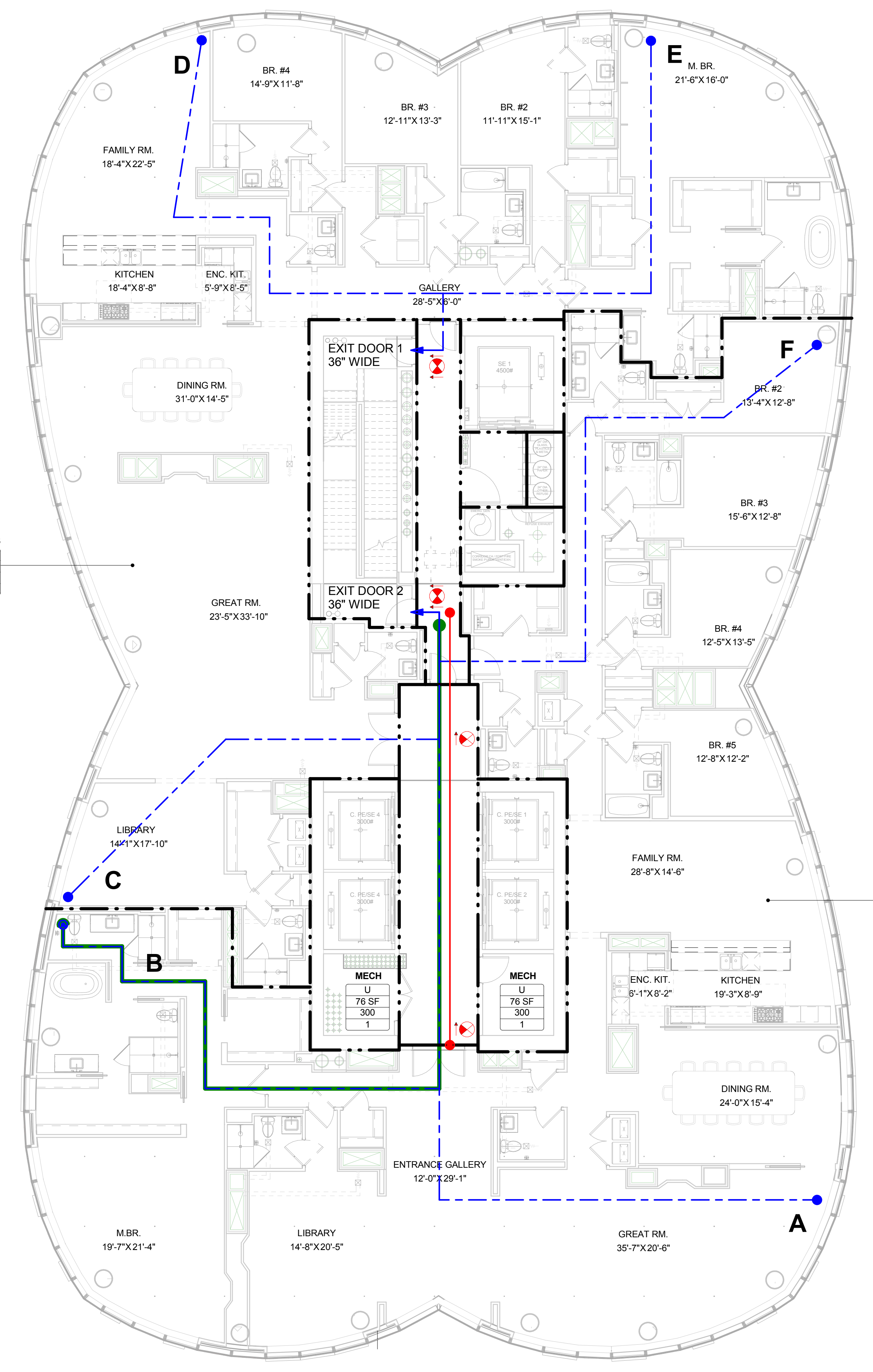
**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203.299.1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212.297.1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212.260.2270

**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- MAXIMUM DIAGONAL DIMENSION
- NON RATED PARTITION
- 1 HR RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION
- SPACE/ROOM NAME
- OCCUPANCY GROUP
- AREA SIZE
- OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD
- EXIT SYMBOL
- SHADED AREA INDICATES FACE OF EXIT SIGN



**APT PH-B**

R-2
5,338 SF
200
27

**APT PH-A**

R-2
6,159 SF
200
31

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
PH-A	6,159	R-2	200	31
PH-B	5,338	R-2	200	27
MECH	76	U	300	1
MECH	76	U	300	1
<b>Grand total</b>				<b>60</b>

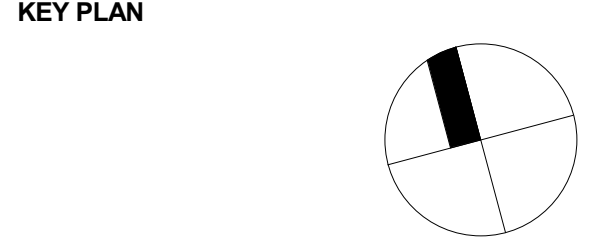
**64TH-66TH FLOORS TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	112' - 4"
R-2	B	118' - 2"
R-2	C	66' - 5"
R-2	D	68' - 10"
R-2	E	32' - 7"
R-2	F	81' - 5"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (B) = 114'-9"  
MAXIMUM DEAD END CORRIDOR DISTANCE = 55'-9"

Exit No.	Egress Component	Egress Component Width (Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>

- SHEET NOTES:**
- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.
  - 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.
  - 3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1.5 HOURS FIRE RATED SELF CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPTION 4 (DEAD-END CORRIDORS) IN R-2 OCCUPANCIES)
  - 4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1



**ISSUE SET**

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<b>UPDATED DOB SET</b>	<b>01.20.2015</b>



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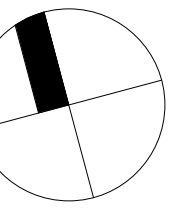
**DRAWING SCALE:**  
1/8" = 1'-0"

**PROJECT NUMBER:**





- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.
- 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.
- 3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1 1/2 HOURS FIRE RATED SELF-CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPTION 4 (DEAD-END CORRIDORS IN R-2 OCCUPANCIES)
- 4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1



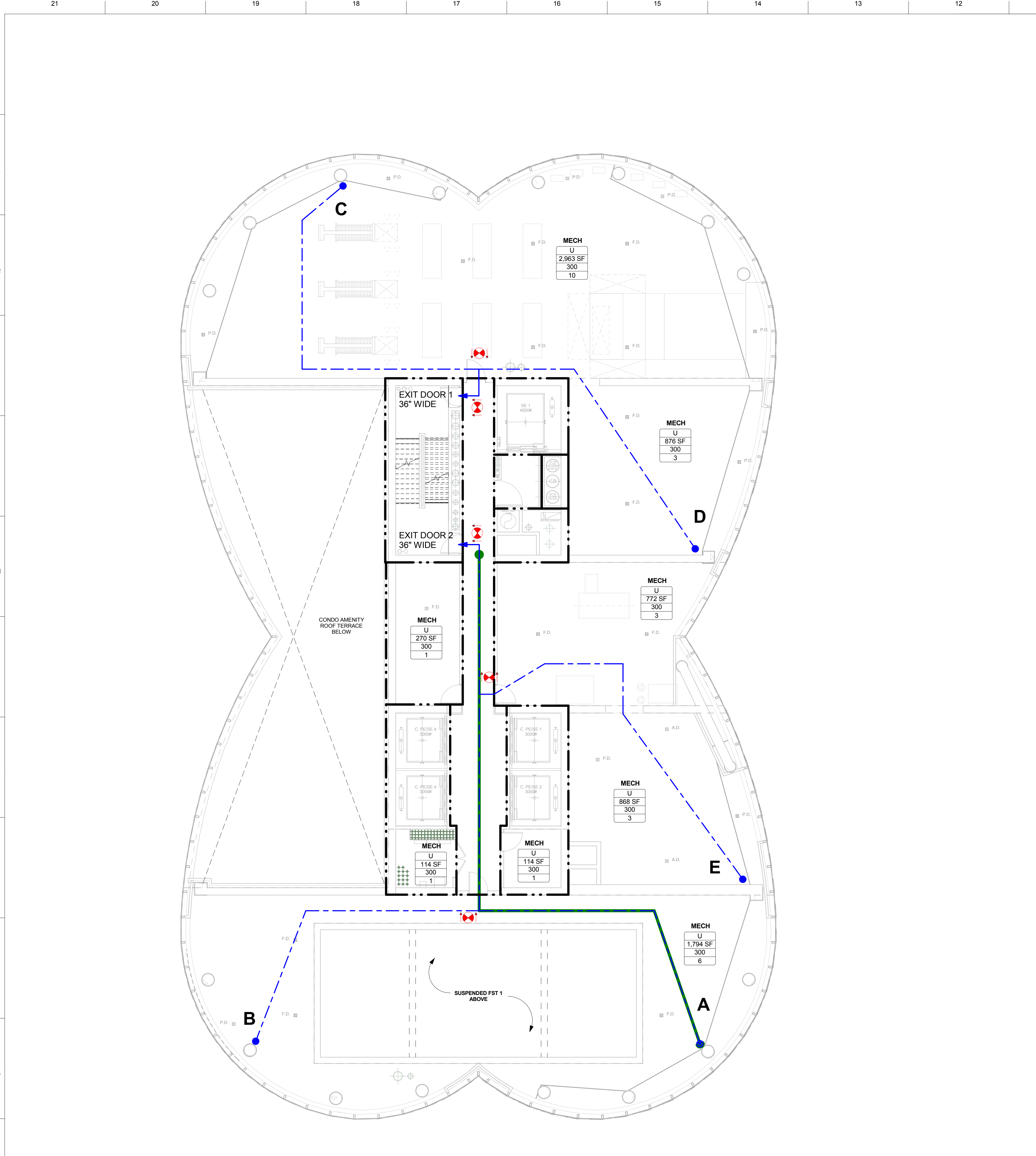
ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV.1	06.30.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- MAXIMUM DIAGONAL DIMENSION
- NON RATED PARTITION
- 1 HR RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION

APT # - SPACE/ROOM NAME  
R-2 - OCCUPANCY GROUP  
780 SF - AREA SIZE  
300 SF - OCCUPANCY LOAD FACTOR  
4 - OCCUPANCY LOAD

EXIT SYMBOL (SHADED AREA INDICATES FACE OF "EXIT" SIGN)



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

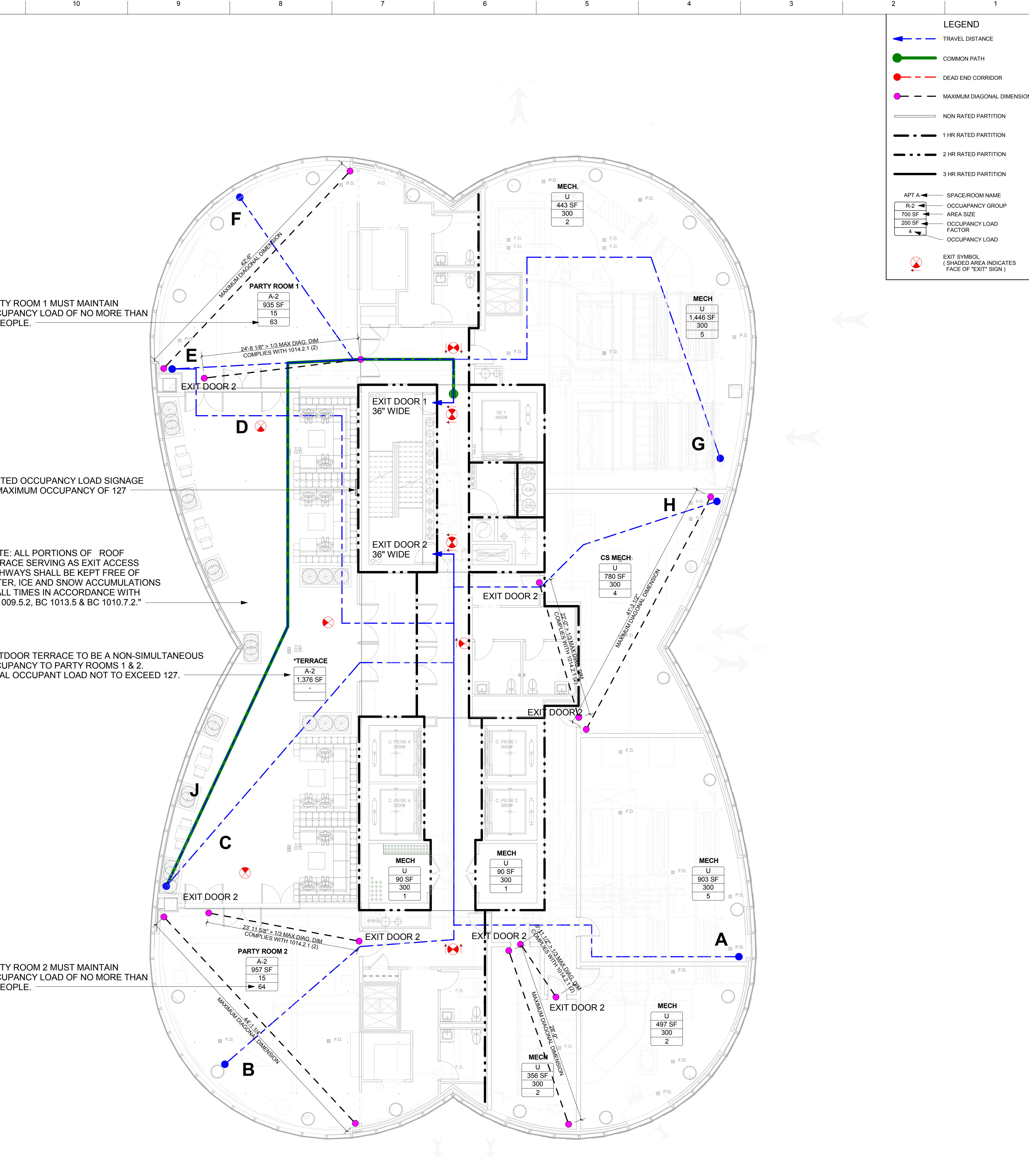
Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
MECH	772	U	300	3
MECH	1,794	U	300	6
MECH	2,963	U	300	10
MECH	270	U	300	1
MECH	114	U	300	1
MECH	114	U	300	1
MECH	876	U	300	3
MECH	868	U	300	3
TSD	1,169	U	300	9
<b>Grand total</b>				<b>37</b>

**68TH FLOOR TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	110' - 7"
R-2	B	110' - 2"
R-2	C	68' - 5"
R-2	D	53' - 11"
R-2	E	90' - 7"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 107'-0"

Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>



**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
PARTY ROOM 1	935	A-2	15	63
PARTY ROOM 2	957	A-2	15	64
CS MECH	780	U	300	4
MECH	90	U	300	1
MECH	90	U	300	1
MECH	903	U	300	5
MECH	497	U	300	2
MECH	356	U	300	2
MECH	1,446	U	300	5
MECH	443	U	300	2
<b>Grand total</b>				<b>149</b>

\* NON-SIMULTANEOUS OCCUPANCY TO PARTY ROOMS 1 & 2

**67TH FLOOR TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	109' - 2"
R-2	B	105' - 1"
R-2	C	79' - 11"
R-2	D	96' - 8"
R-2	E	52' - 9"
R-2	F	55' - 4"
R-2	G	88' - 11"
R-2	H	52' - 4"
R-2	J	120' - 10"

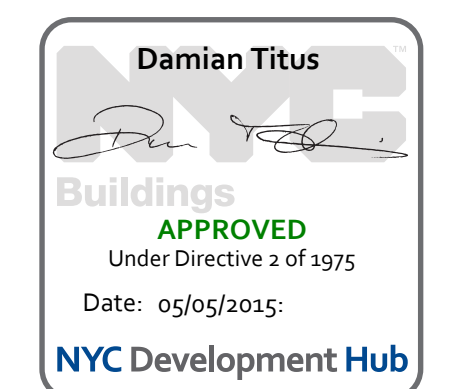
MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (J) = 117'-7"

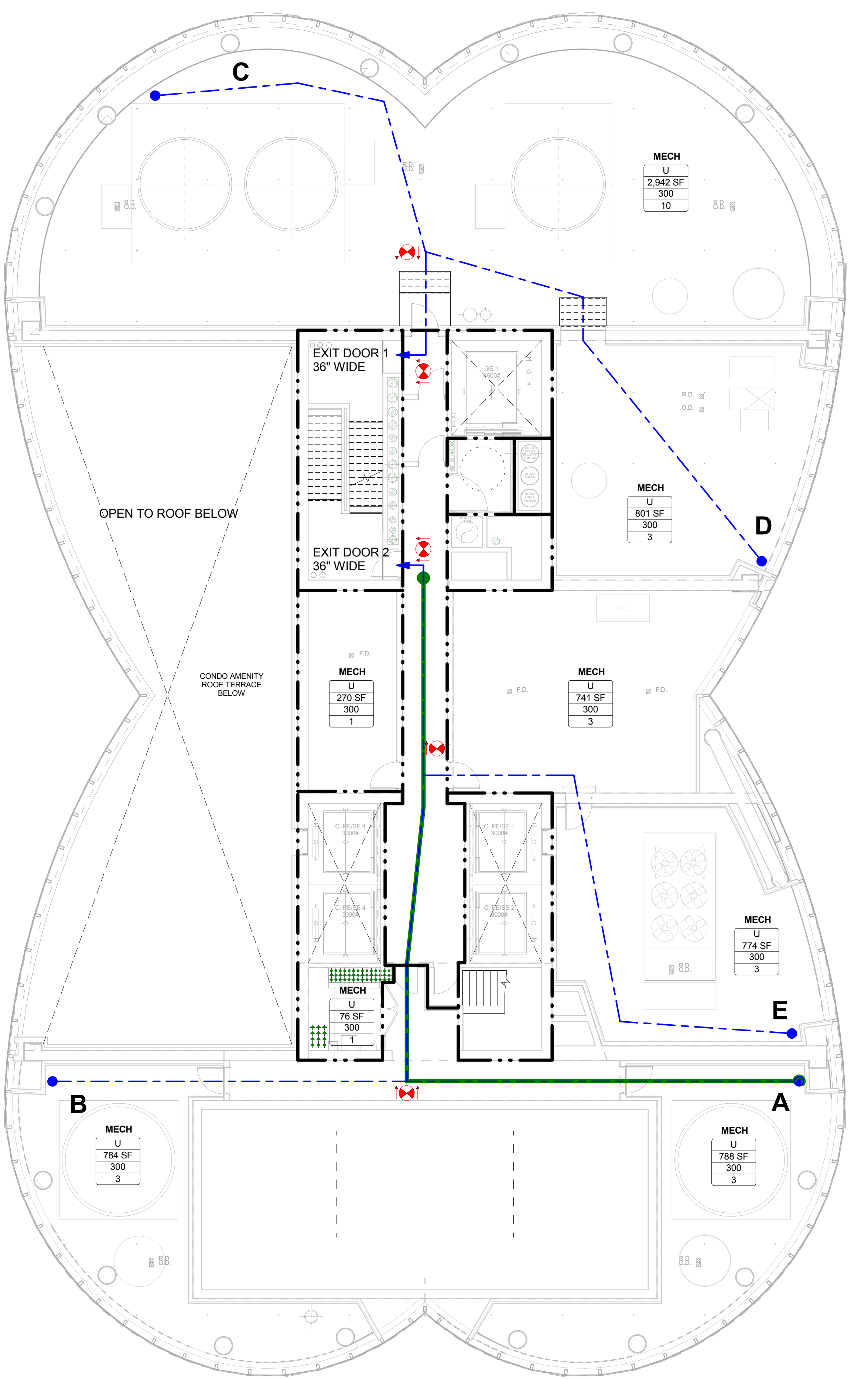
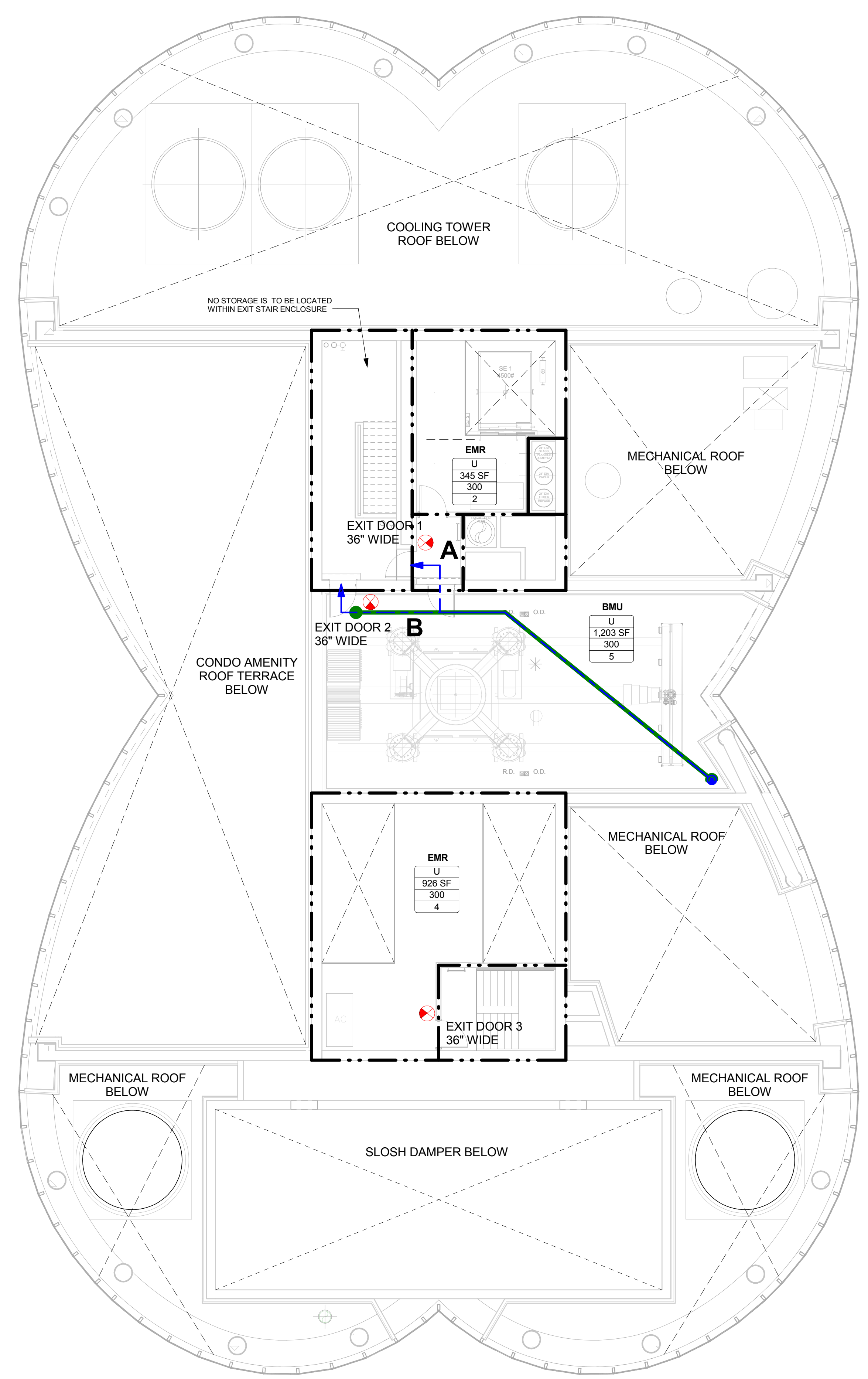
Exit No.	Egress Component	Egress Component Width (In inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
Exit Stair A	Stair	44	0.3	146
	Door	36	0.2	180
Exit Stair B	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor =</b>				<b>292</b>

**Required Plumbing Facility Calculations (Chapter 29 - NYC Building Code)**

Floor / Level	Room/Space/Area	Occupancy/Use (PC403.1)	Total Occupant Load (PC403.1 - See Occupancy Load Calc)	Occupant Load by Gender (50% M / 50% F) (PC403.3)		Water Closets (PC403.1)		Urinals (PC414.3) (Max. 50% Substitution for Water Closets)	Lavatories (Table PC403.1) (1 per 500)	Drinking Fountains (Table PC403.1) (1 per 500)	Other Fixtures (PC403.1)	
				MALE	FEMALE	MALE (1/70)	FEMALE (1/40)					
67th Floor	Residential Accessory Amenity Spaces	A-2 / A-4	149	75	75	MIN. REQD. FIXTURE COUNT	2	2	1	1	1	1
				PROPOSED FIXTURE COUNT	2	4	0	2	2	1		

Notes/Remarks: Unisex toilet facilities have been included in total plumbing fixture counts in accordance with PC403.1.1. Total fixtures provided in unisex facilities have been equally allocated to male and female plumbing fixture counts.





**LEGEND**

- TRAVEL DISTANCE
- COMMON PATH
- DEAD END CORRIDOR
- MAXIMUM DIAGONAL DIMENSION
- NON RATED PARTITION
- 1 HR RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION

APT. #	SPACE/ROOM NAME	OCCUPANCY GROUP	AREA SIZE	OCCUPANCY LOAD FACTOR	OCCUPANCY LOAD
R-2	CLERK	R-2	700 SF	0.15	105
EMR	EMERGENCY	U	300 SF	1.00	300
MECH	MECHANICAL	U	300 SF	1.00	300

X EXIT SYMBOL  
  SHADDED AREA INDICATES FACE OF "EXIT" SIGN

**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 90 Columbus Circle  
 New York, NY 10023  
 T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
 Jamsil Loya Architects  
 48 West 27th Street  
 New York, NY 10018  
 T: 212.206.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York, 10001  
 T: 212.209.7871

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York, 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinuk  
 228 E. 45th Street  
 New York, NY 10017  
 T: 212.597.8988

**MEP ENGINEER:**  
 Jansen Baum & Boles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
 Inrad Berger & Associates  
 300 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Viridian  
 300 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAMIC ASSOCIATES INC.  
 404 9th Ave. 8B  
 New York, NY 10018  
 T: 212.359.1776

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 520  
 New York, NY 10003  
 T: 212-690-2270

- SHEET NOTES:**
- 1) ALL DWELLING UNIT DOORS SHALL OPEN ONTO AN INTERVENING PUBLIC HALL WHICH SHALL PROVIDE ACCESS TO TWO EXITS IN ACCORDANCE WITH BC 1013.6.
  - 2) THE INTERVENING PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH BC 1106.
  - 3) ALL PUBLIC CORRIDORS SHALL BE 2 HOUR FIRE-RESISTANCE RATED AND ALL DOORS OPENING ONTO THE PUBLIC CORRIDOR SHALL BE 1.5 HOURS FIRE RATED SELF-CLOSING DOORS IN ACCORDANCE WITH 1016.3 EXCEPTION 4 (DEAD-END CORRIDORS IN R-2 OCCUPANCIES)
  - 4) ALL PUBLIC CORRIDORS SHALL HAVE READILY VISIBLE DIRECTIONAL EXIT SIGNS AS REQUIRED WHERE THE PATH OF EGRESS OR THE EXIT IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS IN ACCORDANCE WITH BC 1011.1

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.22.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
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E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.20.2014
FOUNDATION BID SET REV.1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
BMU	1,203	U	300	5
EMR	926	U	300	4
EMR	345	U	300	2
<b>Grand total</b>				<b>11</b>

**70TH FLOOR TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	44' - 7"
R-2	B	50' - 4"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (B) = 46'-9"

**OCCUPANCY LOAD AND REQUIRED EXIT CALCULATIONS**

Room/Space	Area	Occupancy Group	Occupancy Load Factor	No. Of Occupants
STORAGE	280	S-2	300	2
MECH	784	U	300	3
MECH	270	U	300	1
MECH	2,942	U	300	10
MECH	801	U	300	3
MECH	741	U	300	3
MECH	774	U	300	3
MECH	788	U	300	3
MECH	76	U	300	1
<b>Grand total</b>				<b>29</b>

**69TH FLOOR TRAVEL DISTANCE CHART**

Occupancy Type	Travel Distance From Point	Egress Distance
R-2	A	104' - 2"
R-2	B	99' - 10"
R-2	C	57' - 2"
R-2	D	68' - 11"
R-2	E	89' - 11"

MAXIMUM COMMON PATH OF TRAVEL ON THIS FLOOR (A) = 101'-1"

Exit No.	Egress Component	Egress Component Width (Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
<b>Exit Stair A</b>	Stair	44	0.3	146
	Door	36	0.2	180
<b>Exit Stair B</b>	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor = 292</b>				

Exit No.	Egress Component	Egress Component Width (Inches)	Egress Width per Occupant (BC 1005.1)	Capacity (No. of Occupants)
<b>Exit Stair A</b>	Stair	44	0.3	146
	Door	36	0.2	180
<b>Exit Stair B</b>	Stair	44	0.3	146
	Door	36	0.2	180
<b>Total Max. Exit Capacity for Floor = 292</b>				

**STAMP**

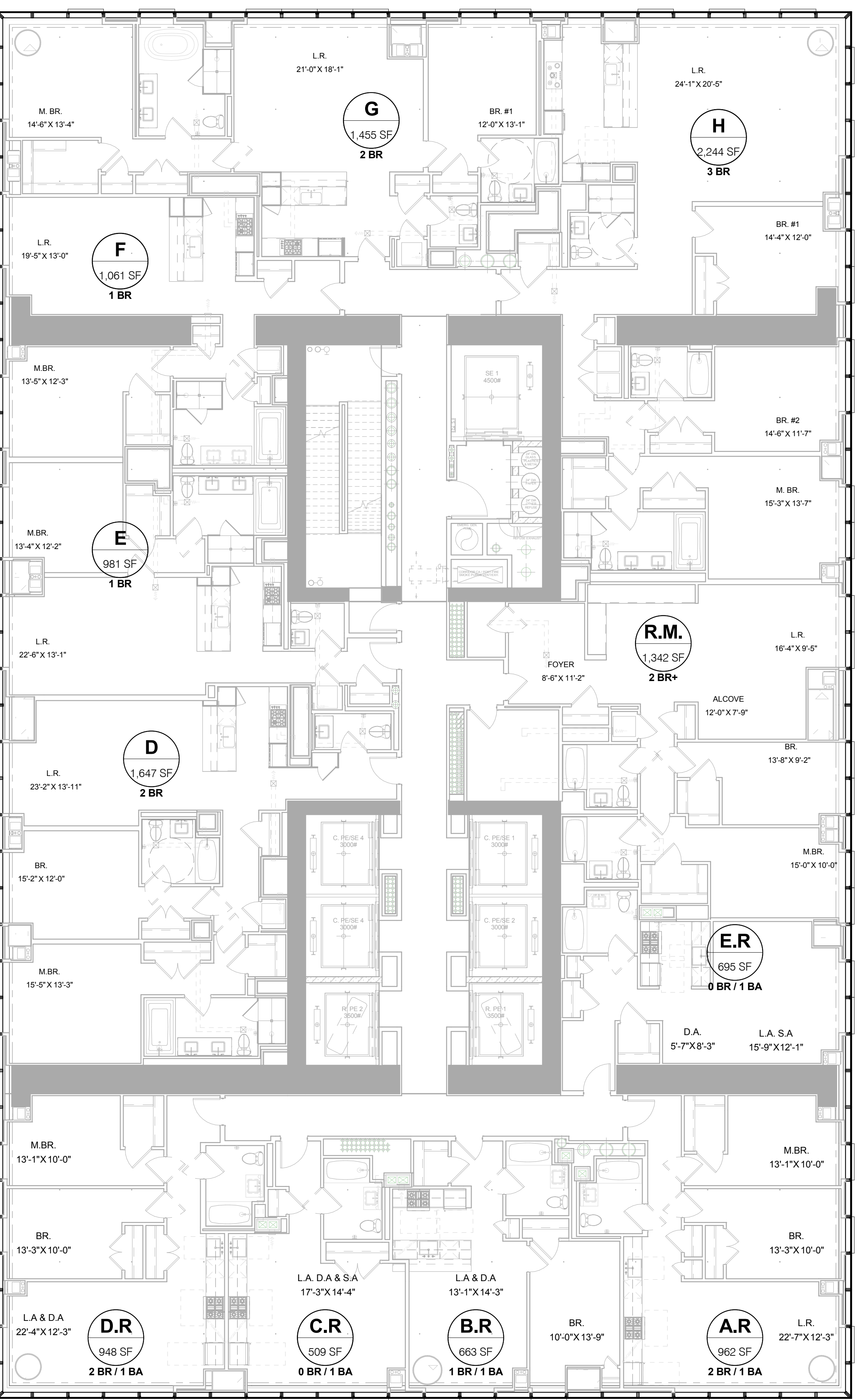
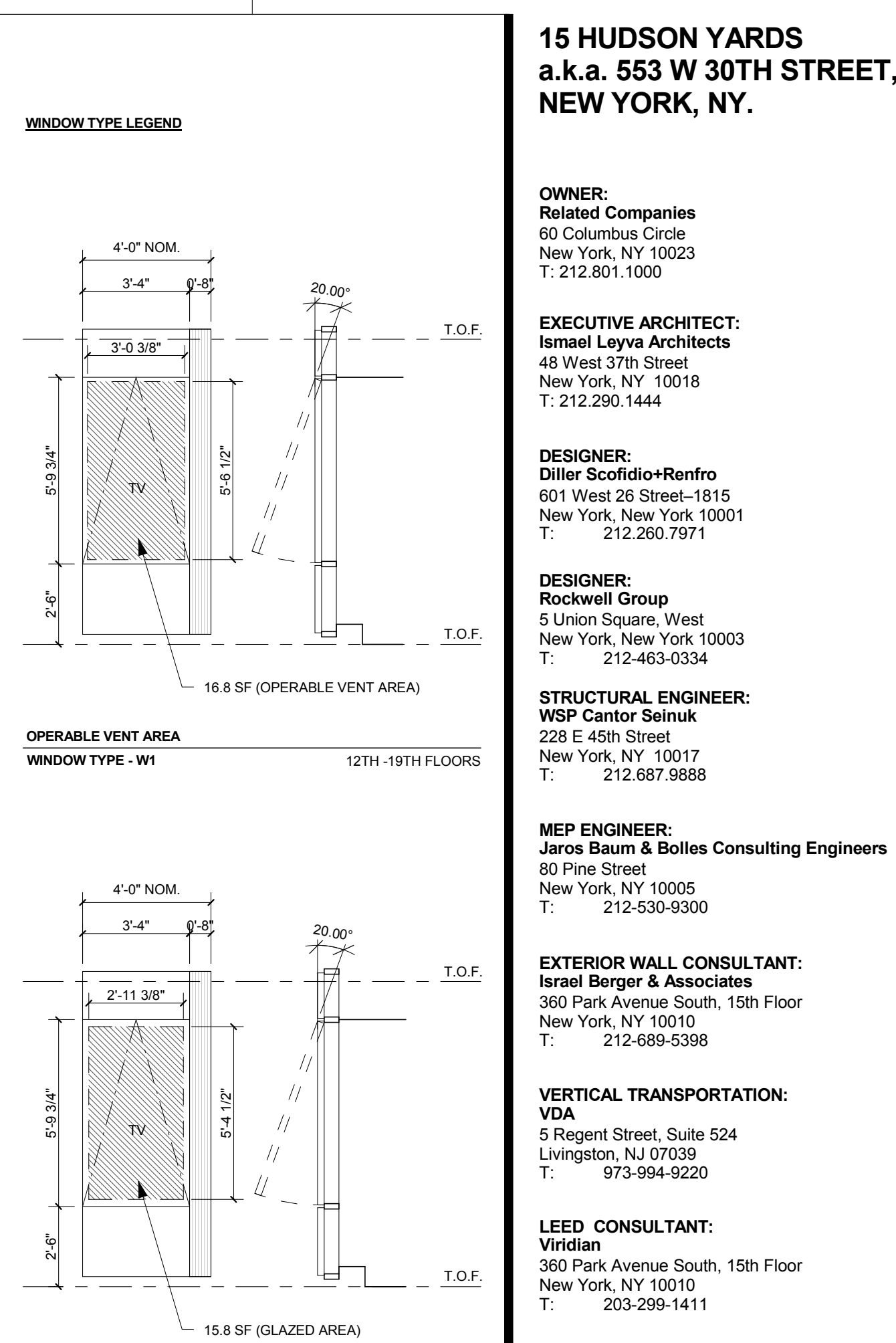
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 4/26/2015 8:22:06 PM

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

**PROJECT NUMBER:**

**TITLE:**  
 LIFE SAFETY & EGRESS PLANS

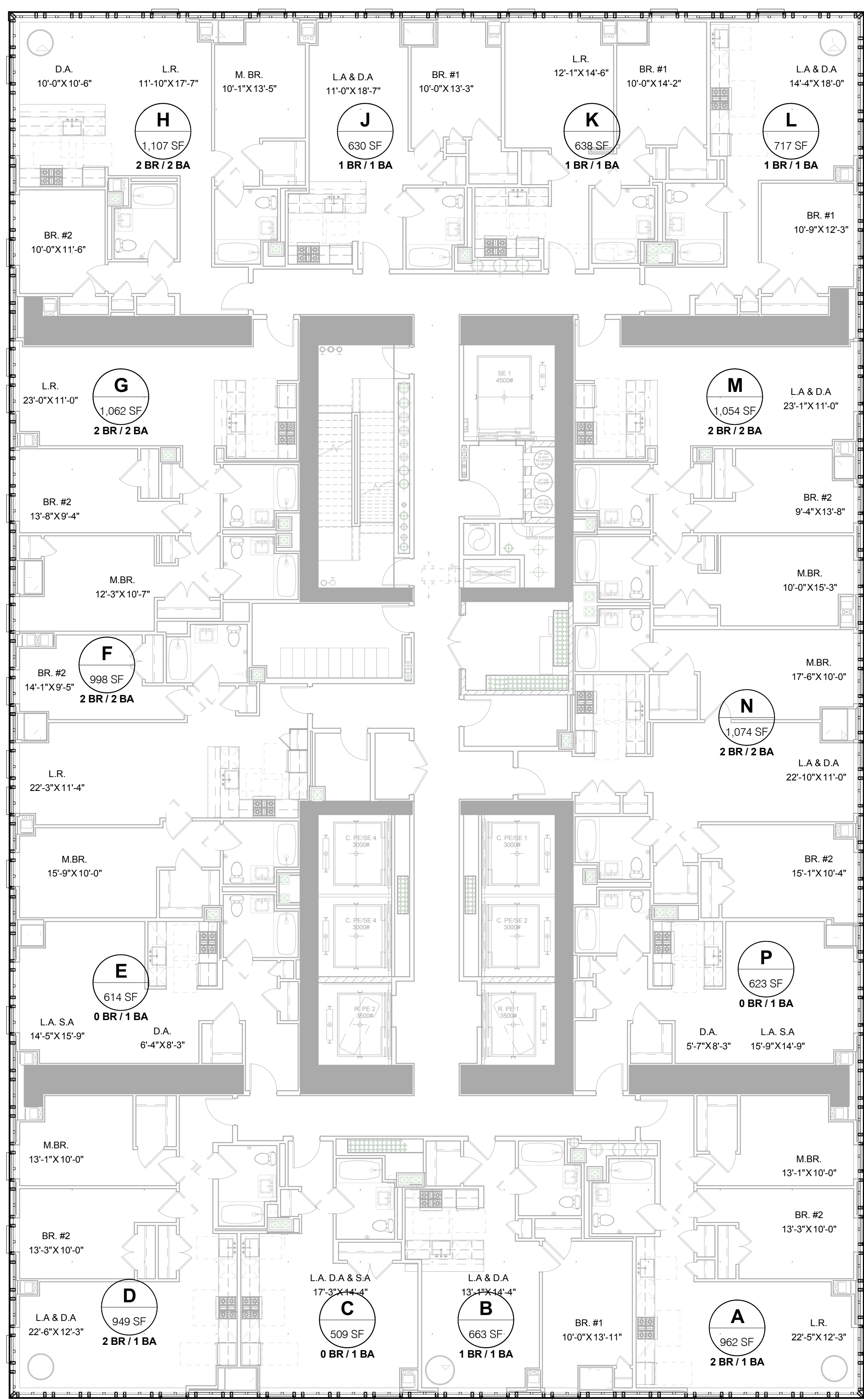
**DRAWING NO.:**



**LIGHT & AIR COMPLIANCE CHART - FLOORS 19**

Level	Room/Space /Apt ID	Room Name	Room Area	Required Light (10%)	# of Windows	Glazed Area per Window (SF)	Proposed Light (SF)	Required Air (5%)	# of Operable Vents	Area per Operable Vent (SF)	Proposed Air (SF)
19TH FL - RENTAL / CONDO	AR	BR 2	145 SF	14.5 SF	1	15.8	15.8	7.2 SF	1	15.8	15.8
19TH FL - RENTAL / CONDO	AR	L.R.	209 SF	20.9 SF	7	15.8	110.6	10.0 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	AR	M.BR.	133 SF	13.3 SF	1	15.8	15.8	6.7 SF	1	15.8	15.8
19TH FL - RENTAL / CONDO	BR	L.A. & D.A.	184 SF	18.4 SF	2	15.8	31.6	14.8 SF	1	15.8	15.8
19TH FL - RENTAL / CONDO	BR	BR 1	148 SF	14.8 SF	1	15.8	14.8	7.4 SF	1	15.8	15.8
19TH FL - RENTAL / CONDO	IGR	L.A. & D.A. & S.A.	295 SF	29.5 SF	4	15.8	63.2	14.8 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	ID	M.BR.	189 SF	18.9 SF	2	15.8	37.6	9.4 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	ID	BR 2	145 SF	14.5 SF	1	15.8	14.5	7.2 SF	1	15.8	15.8
19TH FL - RENTAL / CONDO	ID	L.R.	281 SF	28.1 SF	2	15.8	56.2	14.1 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	DR	BR 2	145 SF	14.5 SF	1	15.8	14.5	7.2 SF	1	15.8	15.8
19TH FL - RENTAL / CONDO	DR	M.BR.	137 SF	13.7 SF	1	15.8	13.7	6.8 SF	1	15.8	15.8
19TH FL - RENTAL / CONDO	DR	L.A. & D.A.	299 SF	29.9 SF	7	15.8	110.6	15.0 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	F	L.R.	279 SF	27.9 SF	2	15.8	55.8	13.9 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	E	M.BR.	148 SF	14.8 SF	2	15.8	29.6	7.4 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	E	M.BR.	185 SF	18.5 SF	2	15.8	37.0	7.6 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	F	L.R.	238 SF	23.8 SF	2	15.8	47.6	11.9 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	G	M.BR.	165 SF	16.5 SF	8	15.8	126.0	8.9 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	IG	L.R.	345 SF	34.5 SF	4	15.8	69.0	17.2 SF	4	15.8	69.0
19TH FL - RENTAL / CONDO	IG	BR 2	148 SF	14.8 SF	2	15.8	29.6	7.4 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	IG	M.BR.	146 SF	14.6 SF	4	15.8	29.2	7.3 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	IH	M.BR.	571 SF	57.1 SF	11	15.8	173.0	26.6 SF	5	15.8	79.5
19TH FL - RENTAL / CONDO	IH	BR 3	163 SF	16.3 SF	2	15.8	32.6	8.1 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	IH	BR 2	138 SF	13.8 SF	2	15.8	27.6	9.2 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	IH	M.BR.	237 SF	23.7 SF	2	15.8	47.4	11.9 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	IP	L.A. & D.A. & S.A.	297 SF	29.7 SF	2	15.8	59.4	14.8 SF	1	15.8	15.8
19TH FL - RENTAL / CONDO	IRM	BR 2	136 SF	13.6 SF	2	15.8	27.2	6.8 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	IRM	M.BR.	174 SF	17.4 SF	2	15.8	34.8	8.7 SF	2	15.8	33.6
19TH FL - RENTAL / CONDO	IRM	L.R.	360 SF	36.0 SF	2	15.8	72.0	18.5 SF	2	15.8	33.6

**LIGHT & AIR COMPLIANCE PLAN\_19** 2  
1/8" = 1'-0"



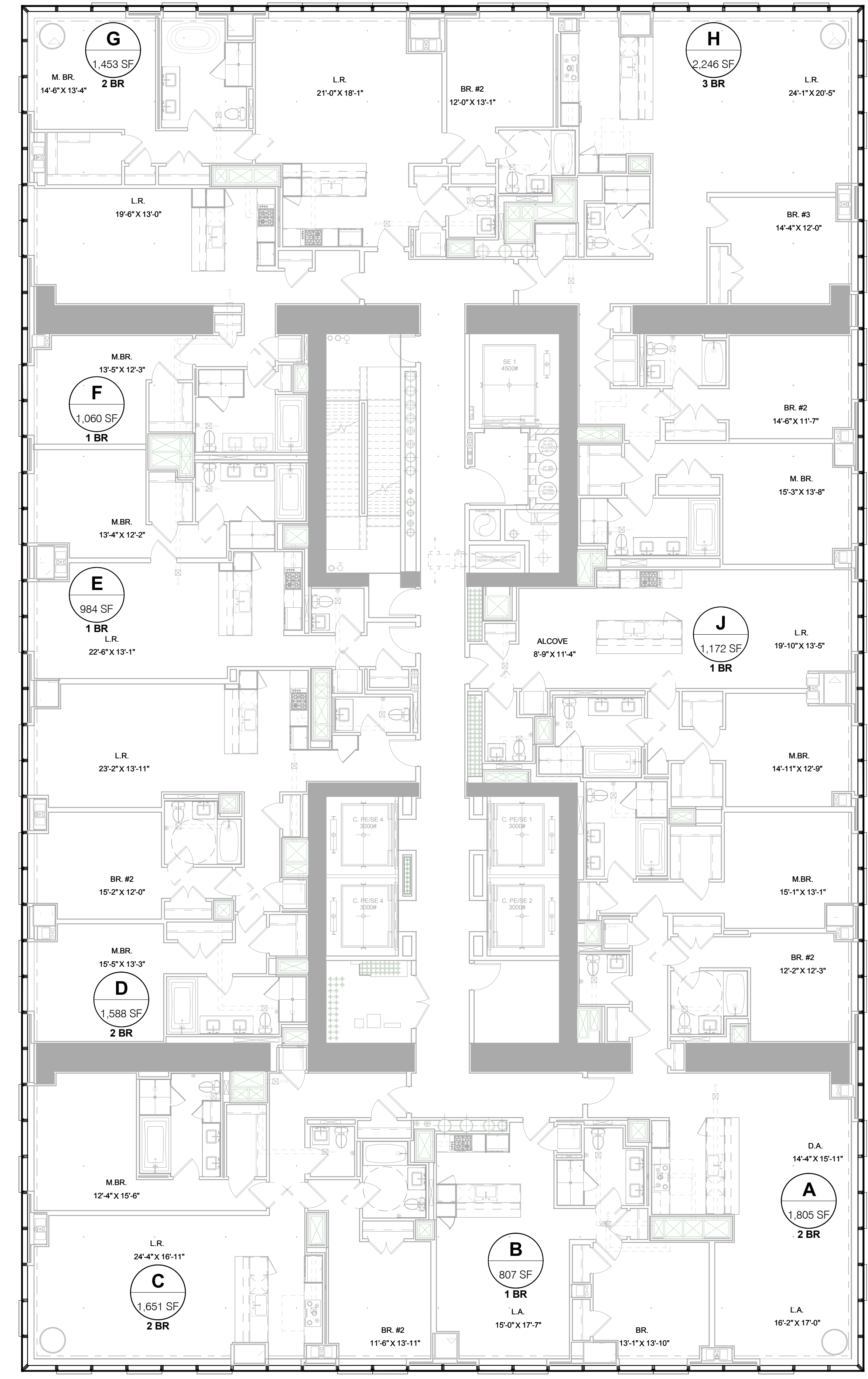
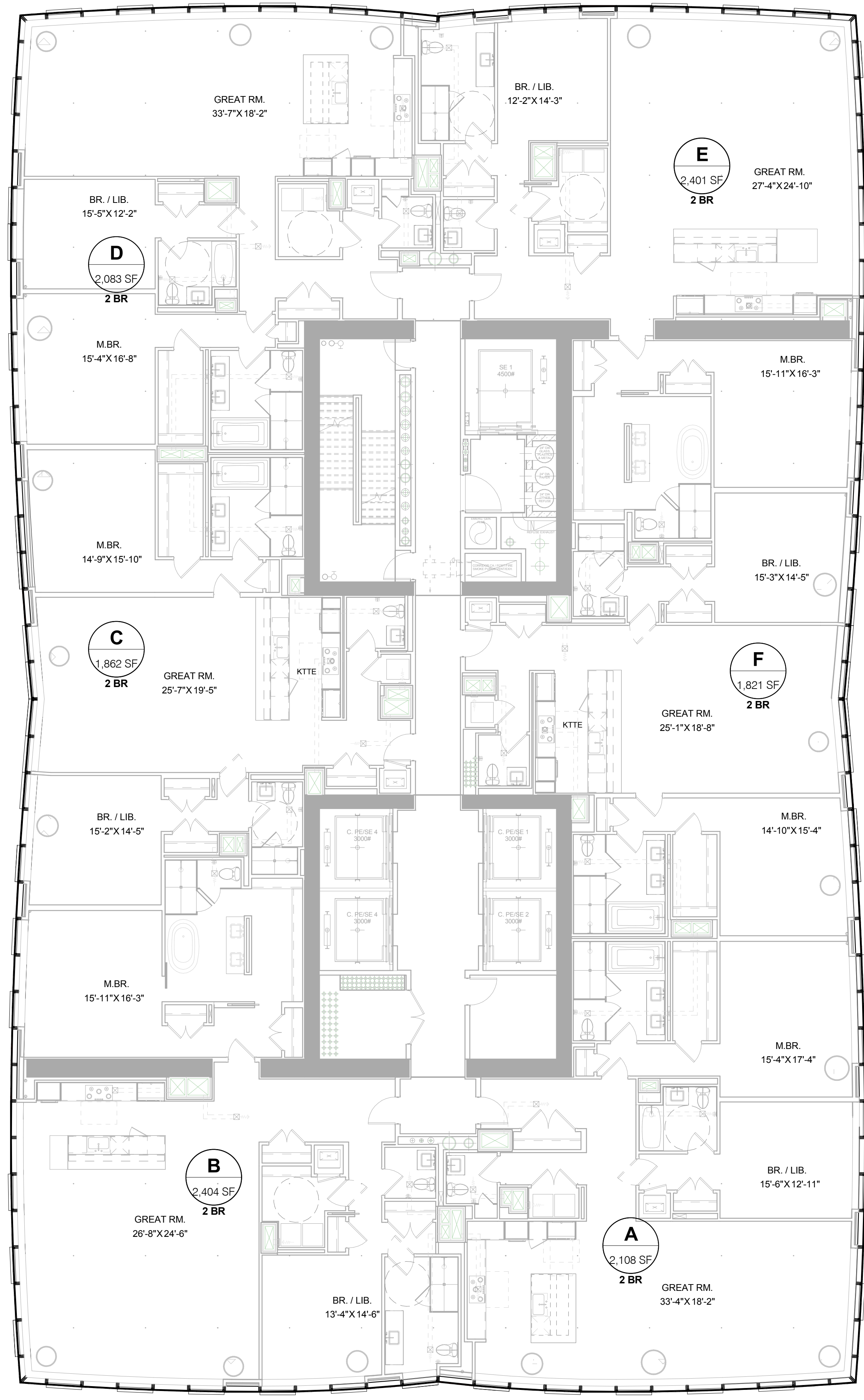
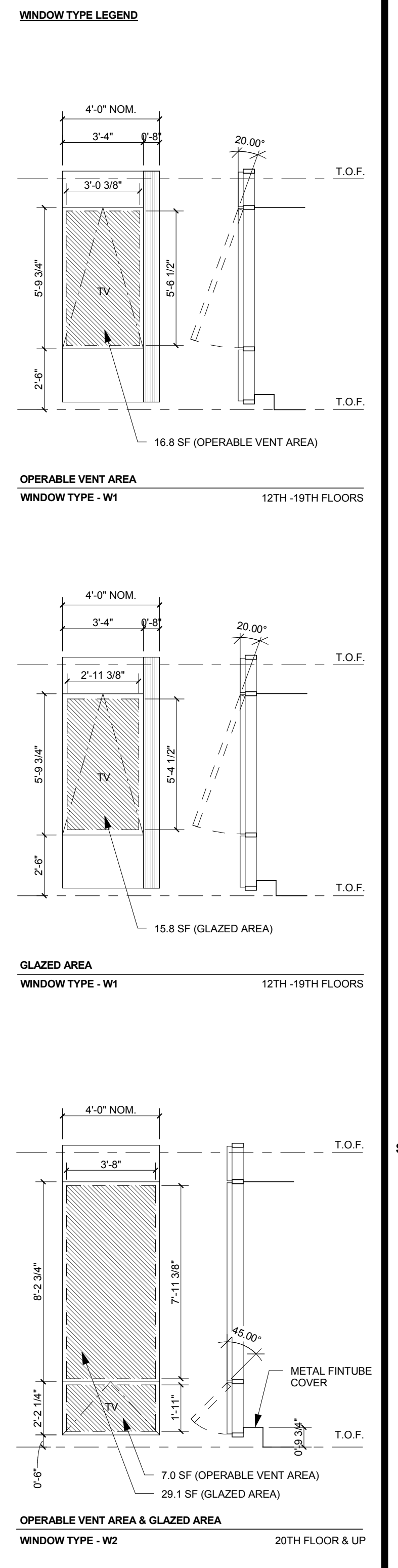
**LIGHT & AIR COMPLIANCE CHART - FLOORS 12 THRU 18**

Level	Room/Space /Apt ID	Room Name	Room Area	Required Light (10%)	# of Windows	Glazed Area per Window (SF)	Proposed Light (SF)	Required Air (5%)	# of Operable Vents	Area per Operable Vent (SF)	Proposed Air (SF)
13TH FL	A	BR 2	145 SF	14.5 SF	1	15.8	14.5	7.2 SF	1	15.8	15.8
13TH FL	A	L.R.	305 SF	30.5 SF	7	15.8	110.6	19.3 SF	2	15.8	33.6
13TH FL	A	M.BR.	130 SF	13.0 SF	1	15.8	13.0	6.7 SF	1	15.8	15.8
13TH FL	A	L.A. & D.A.	184 SF	18.4 SF	2	15.8	31.6	9.2 SF	1	15.8	15.8
13TH FL	B	BR 1	147 SF	14.7 SF	1	15.8	14.7	7.3 SF	1	15.8	15.8
13TH FL	B	L.A. & D.A. & S.A.	296 SF	29.6 SF	4	15.8	63.2	14.8 SF	2	15.8	33.6
13TH FL	D	BR 2	145 SF	14.5 SF	1	15.8	14.5	7.2 SF	1	15.8	15.8
13TH FL	D	M.BR.	137 SF	13.7 SF	1	15.8	13.7	6.8 SF	1	15.8	15.8
13TH FL	D	L.A. & D.A.	269 SF	26.9 SF	7	15.8	110.6	13.4 SF	2	15.8	33.6
13TH FL	E	L.A. & D.A. & S.A.	296 SF	29.6 SF	2	15.8	59.2	12.8 SF	1	15.8	15.8
13TH FL	F	L.R.	232 SF	23.2 SF	1	15.8	23.2	11.8 SF	2	15.8	33.6
13TH FL	F	M.BR.	186 SF	18.6 SF	1	15.8	18.6	9.3 SF	1	15.8	15.8
13TH FL	G	BR 2	136 SF	13.6 SF	1	15.8	13.6	6.8 SF	1	15.8	15.8
13TH FL	G	BR 2	130 SF	13.0 SF	2	15.8	26.0	6.9 SF	2	15.8	33.6
13TH FL	G	M.BR.	140 SF	14.0 SF	1	15.8	14.0	7.0 SF	2	15.8	33.6
13TH FL	G	L.R.	244 SF	24.4 SF	2	15.8	48.8	12.2 SF	2	15.8	33.6
13TH FL	H	BR 2	109 SF	10.9 SF	2	15.8	21.8	5.5 SF	2	15.8	33.6
13TH FL	H	L.A. & D.A.	146 SF	14.6 SF	1	15.8	14.6	7.3 SF	1	15.8	15.8
13TH FL	H	M.BR.	109 SF	10.9 SF	2	15.8	21.8	5.5 SF	2	15.8	33.6
13TH FL	I	L.A. & D.A.	190 SF	19.0 SF	2	15.8	38.0	9.8 SF	1	15.8	15.8
13TH FL	J	BR 1	118 SF	11.8 SF	1	15.8	11.8	5.9 SF	1	15.8	15.8
13TH FL	K	L.R.	160 SF	16.0 SF	2	15.8	32.0	8.2 SF	1	15.8	15.8
13TH FL	K	BR 1	127 SF	12.7 SF	1	15.8	12.7	6.4 SF	1	15.8	15.8
13TH FL	L	BR 1	123 SF	12.3 SF	1	15.8	12.3	6.2 SF	1	15.8	15.8
13TH FL	L	L.A. & D.A.	264 SF	26.4 SF	7	15.8	110.6	13.2 SF	2	15.8	33.6
13TH FL	M	M.BR.	189 SF	18.9 SF	1	15.8	18.9	9.5 SF	1	15.8	15.8
13TH FL	M	BR 2	145 SF	14.5 SF	1	15.8	14.5	7.2 SF	1	15.8	15.8
13TH FL	M	L.A. & D.A.	247 SF	24.7 SF	2	15.8	49.4	12.4 SF	2	15.8	33.6
13TH FL	N	M.BR.	190 SF	19.0 SF	2	15.8	38.0	9.8 SF	1	15.8	15.8
13TH FL	N	BR 2	158 SF	15.8 SF	2	15.8	31.6	7.9 SF	1	15.8	15.8
13TH FL	N	L.A. & D.A.	290 SF	29.0 SF	2	15.8	58.0	13.0 SF	1	15.8	15.8
13TH FL	P	L.A. & D.A. & S.A.	257 SF	25.7 SF	2	15.8	51.4	12.9 SF	1	15.8	15.8

**LIGHT & AIR COMPLIANCE PLAN\_12-18** 1  
1/8" = 1'-0"

Damian Titus  
BULLDOGS APPROVED  
Under Directive 2 of 1975  
Date: 09/29/2015  
NYC Development Hub





LIGHT & AIR COMPLIANCE CHART - FLOORS 40 THRU 45

Level	Room/Space /Apt ID	Room Name	Room Area	Required Light (10%)	# of Windows	Glazed Area per Window (SF)	Proposed Light (SF)	Required Air (5%)	# of Operable Vents	Area per Operable Vent (SF)	Proposed Air (SF)
40TH FL	JA	BR2	189 SF	18.9 SF	3	29.1	87.3	9.4 SF	2	7	14
40TH FL	JA	GREAT RM	714 SF	71.4 SF	16	29.1	468.6	35.1 SF	8	7	14
40TH FL	JA	M.BR.	246 SF	24.6 SF	3	29.1	87.3	12.3 SF	2	7	14
40TH FL	JA	BR	777 SF	77.7 SF	3	29.1	87.3	8.8 SF	2	7	14
40TH FL	JA	GREAT RM	815 SF	81.5 SF	14	29.1	407.4	40.8 SF	6	7	14
40TH FL	JA	M.BR.	246 SF	24.6 SF	3	29.1	87.3	12.3 SF	2	7	14
40TH FL	JA	BR	209 SF	20.9 SF	3	29.1	87.3	10.9 SF	2	7	14
40TH FL	JA	GREAT RM	480 SF	48.0 SF	4	29.1	116.4	24.0 SF	4	7	14
40TH FL	JA	BR	214 SF	21.4 SF	3	29.1	87.3	10.3 SF	2	7	14
40TH FL	JA	M.BR.	237 SF	23.7 SF	4	29.1	116.4	11.8 SF	2	7	14
40TH FL	JA	BR	178 SF	17.8 SF	2	29.1	58.2	8.9 SF	2	7	14
40TH FL	JA	GREAT RM	723 SF	72.3 SF	15	29.1	436.5	36.2 SF	6	7	14
40TH FL	JA	M.BR.	245 SF	24.5 SF	3	29.1	87.3	12.3 SF	2	7	14
40TH FL	JA	BR	164 SF	16.4 SF	2	29.1	58.2	8.2 SF	2	7	14
40TH FL	JA	GREAT RM	803 SF	80.3 SF	15	29.1	436.5	43.1 SF	2	7	14
40TH FL	JA	BR	209 SF	20.9 SF	3	29.1	87.3	10.9 SF	2	7	14
40TH FL	JA	GREAT RM	406 SF	40.6 SF	4	29.1	116.4	22.6 SF	4	7	14
40TH FL	JA	M.BR.	208 SF	20.8 SF	3	29.1	87.3	10.8 SF	2	7	14

LIGHT & AIR COMPLIANCE CHART - FLOORS 23 THRU 35

Level	Room/Space /Apt ID	Room Name	Room Area	Required Light (10%)	# of Windows	Glazed Area per Window (SF)	Proposed Light (SF)	Required Air (5%)	# of Operable Vents	Area per Operable Vent (SF)	Proposed Air (SF)
23RD FL	A	BR2	137 SF	13.7 SF	2	29.1	58.2	6.8 SF	2	7	14
23RD FL	A	M.BR.	179 SF	17.9 SF	2	29.1	58.2	8.3 SF	2	7	14
23RD FL	A	LR	555 SF	55.5 SF	10	29.1	291	27.8 SF	4	7	14
23RD FL	B	BR	154 SF	15.4 SF	2	29.1	58.2	8.2 SF	2	7	14
23RD FL	B	LR	246 SF	24.6 SF	2	29.1	58.2	12.3 SF	2	7	14
23RD FL	B	LR	493 SF	49.3 SF	10	29.1	291	24.7 SF	4	7	14
23RD FL	C	M.BR.	227 SF	22.7 SF	3	29.1	87.3	11.3 SF	2	7	14
23RD FL	C	BR2	150 SF	15.0 SF	2	29.1	58.2	7.6 SF	2	7	14
23RD FL	D	M.BR.	189 SF	18.9 SF	2	29.1	58.2	9.4 SF	2	7	14
23RD FL	D	BR2	185 SF	18.5 SF	2	29.1	58.2	8.2 SF	2	7	14
23RD FL	D	LR	297 SF	29.7 SF	2	29.1	58.2	14.3 SF	2	7	14
23RD FL	E	LR	275 SF	27.5 SF	2	29.1	58.2	13.8 SF	2	7	14
23RD FL	E	M.BR.	148 SF	14.8 SF	2	29.1	58.2	7.4 SF	2	7	14
23RD FL	E	M.BR.	152 SF	15.2 SF	2	29.1	58.2	7.6 SF	2	7	14
23RD FL	F	M.BR.	240 SF	24.0 SF	2	29.1	58.2	12.0 SF	2	7	14
23RD FL	F	M.BR.	165 SF	16.5 SF	6	29.1	174.6	8.2 SF	2	7	14
23RD FL	G	LR	245 SF	24.5 SF	4	29.1	116.4	17.2 SF	4	7	14
23RD FL	G	BR2	147 SF	14.7 SF	2	29.1	58.2	7.4 SF	2	7	14
23RD FL	H	LR	570 SF	57.0 SF	12	29.1	349.2	28.5 SF	5	7	14
23RD FL	H	BR2	168 SF	16.8 SF	2	29.1	58.2	8.4 SF	2	7	14
23RD FL	H	BR2	157 SF	15.7 SF	2	29.1	58.2	7.9 SF	2	7	14
23RD FL	H	M.BR.	189 SF	18.9 SF	2	29.1	58.2	9.4 SF	2	7	14
23RD FL	J	LR	246 SF	24.6 SF	2	29.1	58.2	12.3 SF	2	7	14
23RD FL	J	M.BR.	170 SF	17.0 SF	2	29.1	58.2	8.5 SF	2	7	14

**LIGHT & AIR COMPLIANCE PLAN\_40-45**

**2**  
1/8" = 1'-0"

**LIGHT & AIR COMPLIANCE PLAN\_23-35**

**1**  
1/8" = 1'-0"



DATE OF PRINT: 1/26/2015 10:58:12 PM

DRAWING SCALE: As indicated

PROJECT NUMBER:

TITLE: LIGHT & AIR COMPLIANCE PLANS - LEVELS 20-45

DRAWING NO.:

**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET DATE**

SCHEMATIC DESIGN ISSUE 02.15.2013

REVISED SD ISSUE 05.06.2013

EXTERIOR WALL 75% DD 09.05.2013

EXTERIOR WALL PRELIM. BID 11.05.2013

D.O.B. INITIAL FILING 11.22.2013

FINAL SD ISSUE 11.25.2013

EXTERIOR WALL BID SET 01.27.2014

E.W. BID SET ADDENDUM 1 03.05.2014

FOUNDATION BID SET 06.02.2014

FOUNDATION BID SET REV. 1 06.20.2014

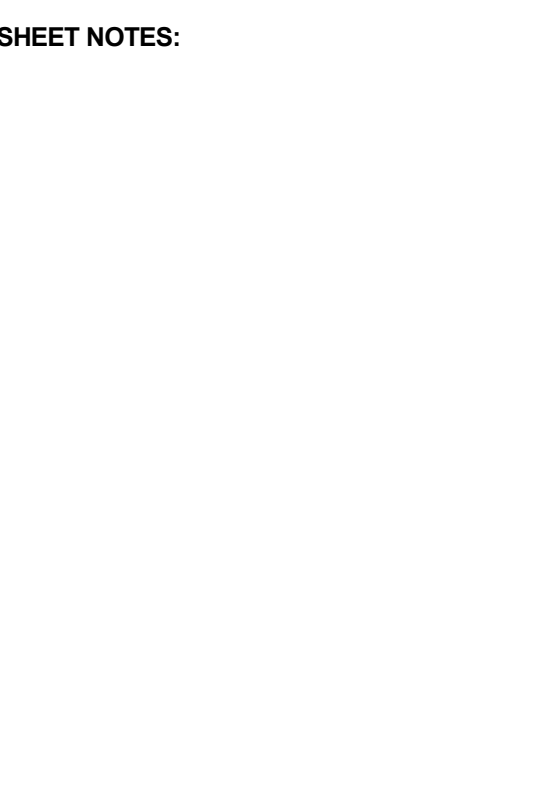
FINAL SD ISSUE - REVISED 08.25.2014

SUPERSTRUCTURE BID SET 11.17.2014

DD PHASE PROGRESS DWGS

DESIGN DEVELOPMENT SET 12.22.2014

UPDATED DOB SET 01.20.2015

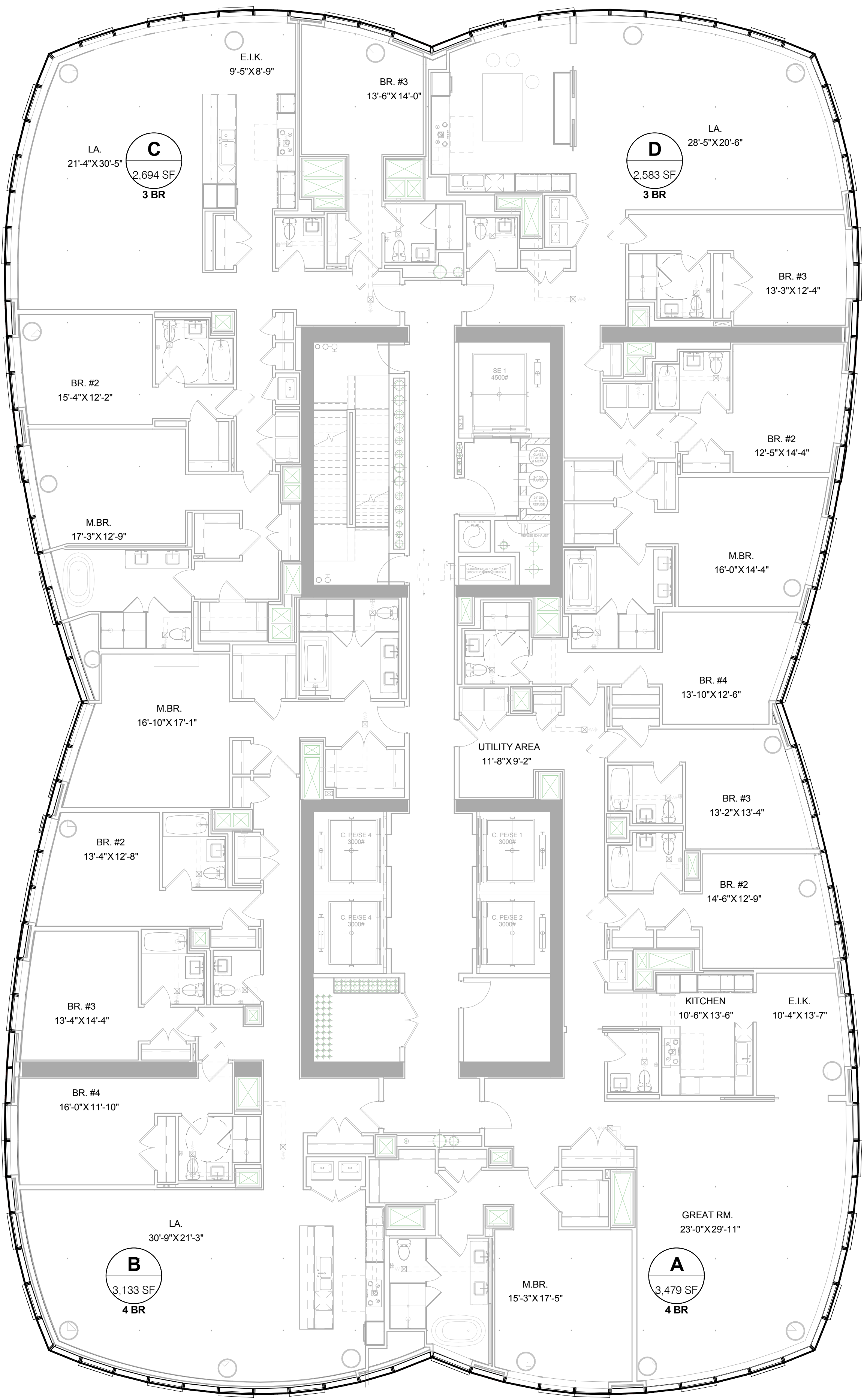
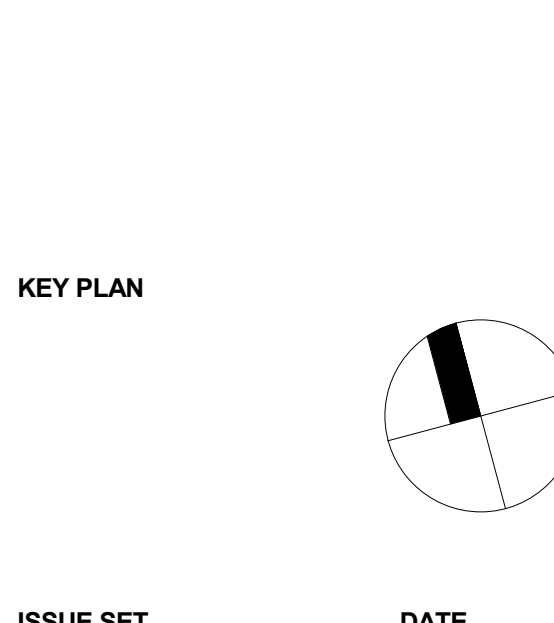


**WINDOW TYPE LEGEND**

**OPERABLE VENT AREA**  
WINDOW TYPE - W1  
12TH - 19TH FLOORS  
4'-0" NOM, 3'-4" F.F., 3'-0.38" TV, 2'-11.38" H, 15.8 SF (OPERABLE VENT AREA)

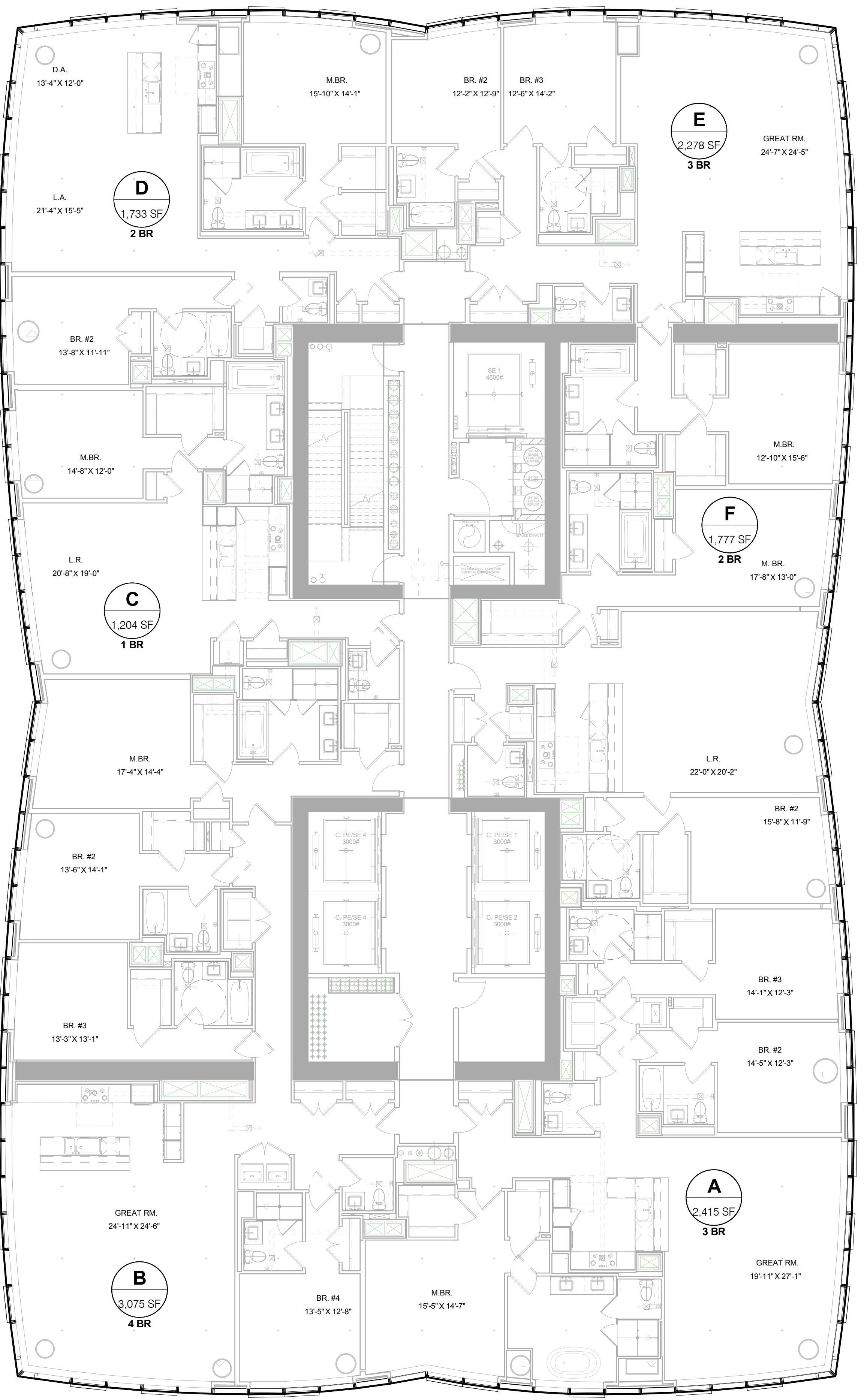
**GLAZED AREA**  
WINDOW TYPE - W1  
12TH - 19TH FLOORS  
4'-0" NOM, 3'-4" F.F., 3'-0.38" TV, 2'-11.38" H, 15.8 SF (GLAZED AREA)

**OPERABLE VENT AREA & GLAZED AREA**  
WINDOW TYPE - W2  
20TH FLOOR & L3  
4'-0" NOM, 3'-4" F.F., 3'-0.38" TV, 2'-11.38" H, 15.8 SF (OPERABLE VENT AREA), 29.1 SF (GLAZED AREA)



Level	Room/Space /Apt ID	Room Name	Room Area	Required Light (10%)	# of Windows	Glazed Area per Window (SF)	Proposed Light (SF)	Required Air (5%)	# of Operable Vents	Area per Operable Vent (SF)	Proposed Air (SF)
ZONING FLOOR AREA PLAN - LVL 58TH A	MBR	247 SF	34.7 SF	29.1	3	87.3	12.4 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH A	GREAT RM	631 SF	63.1 SF	29.1	12	249.2	31.5 SF	5	7	35	35
ZONING FLOOR AREA PLAN - LVL 58TH A	BR2	177 SF	17.7 SF	29.1	3	87.3	8.9 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH A	BR3	161 SF	16.1 SF	29.1	3	81.3	8.1 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH A	BR4	154 SF	15.4 SF	29.1	3	79.2	8.2 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH A	KITCHEN	120 SF	12.0 SF	29.1	2	58.2	6.3 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH B	MBR	215 SF	27.5 SF	29.1	2	58.2	13.7 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH B	BR2	157 SF	15.7 SF	29.1	3	87.3	7.8 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH B	BR3	170 SF	17.0 SF	29.1	2	58.2	8.9 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH B	BR4	180 SF	18.0 SF	29.1	2	58.2	9.0 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH B	LR	744 SF	74.4 SF	29.1	13	378.3	37.2 SF	6	7	42	42
ZONING FLOOR AREA PLAN - LVL 58TH B	MBR	207 SF	20.7 SF	29.1	3	87.3	10.4 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH C	BR2	174 SF	17.4 SF	29.1	2	58.2	8.7 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH C	MBR	271 SF	27.1 SF	29.1	14	407.4	38.8 SF	6	7	42	42
ZONING FLOOR AREA PLAN - LVL 58TH C	BR3	173 SF	17.3 SF	29.1	2	58.2	8.7 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH C	LR	521 SF	52.1 SF	29.1	11	320.1	26.5 SF	4	7	28	28
ZONING FLOOR AREA PLAN - LVL 58TH D	MBR	215 SF	21.5 SF	29.1	2	58.2	10.9 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH D	BR2	111 SF	11.1 SF	29.1	2	58.2	6.9 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH D	BR3	153 SF	15.3 SF	29.1	2	58.2	7.6 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 58TH D	KITCHEN	287 SF	28.7 SF	29.1	3	87.3	12.9 SF	2	7	14	14

**LIGHT & AIR COMPLIANCE PLAN\_58-63 3**  
1/8" = 1'-0"



Level	Room/Space /Apt ID	Room Name	Room Area	Required Light (10%)	# of Windows	Glazed Area per Window (SF)	Proposed Light (SF)	Required Air (5%)	# of Operable Vents	Area per Operable Vent (SF)	Proposed Air (SF)
ZONING FLOOR AREA PLAN - LVL 46TH	BR3	163 SF	16.3 SF	29.1	2	58.2	6.1 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	A	BR2	162 SF	16.2 SF	2	58.2	6.1 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	A	MBR	229 SF	22.9 SF	3	29.1	11.3 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	A	GREAT RM	668 SF	66.8 SF	10	29.1	32.9 SF	5	7	35	35
ZONING FLOOR AREA PLAN - LVL 46TH	B	BR4	154 SF	15.4 SF	3	29.1	7.7 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	B	BR3	162 SF	16.2 SF	2	29.1	8.1 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	B	MBR	170 SF	17.0 SF	2	29.1	8.9 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	B	MBR	238 SF	23.8 SF	2	29.1	11.9 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	B	GREAT RM	792 SF	79.2 SF	12	29.1	34.2 SF	37.9 SF	6	7	42
ZONING FLOOR AREA PLAN - LVL 46TH	C	MBR	183 SF	18.3 SF	2	29.1	8.2 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	C	LR	479 SF	47.9 SF	4	29.1	116.4	24.0 SF	4	7	28
ZONING FLOOR AREA PLAN - LVL 46TH	D	BR2	159 SF	15.9 SF	2	29.1	7.9 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	D	L3/MBR	566 SF	56.6 SF	10	29.1	29.1	27.9 SF	5	7	35
ZONING FLOOR AREA PLAN - LVL 46TH	D	MBR	269 SF	26.9 SF	3	29.1	8.2	10.2 SF	2	7	14
ZONING FLOOR AREA PLAN - LVL 46TH	E	BR2	146 SF	14.6 SF	2	29.1	7.3 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	E	MBR	192 SF	19.2 SF	2	29.1	8.5 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	E	GREAT RM	656 SF	65.6 SF	12	29.1	34.3	32.8 SF	5	7	35
ZONING FLOOR AREA PLAN - LVL 46TH	F	MBR	192 SF	19.2 SF	2	29.1	8.5 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	F	MBR	214 SF	21.4 SF	2	29.1	10.7 SF	2	7	14	14
ZONING FLOOR AREA PLAN - LVL 46TH	F	LR	441 SF	44.1 SF	4	29.1	116.4	21.1 SF	4	7	28
ZONING FLOOR AREA PLAN - LVL 46TH	F	BR2	173 SF	17.3 SF	2	29.1	8.8 SF	2	7	14	14

**LIGHT & AIR COMPLIANCE PLAN\_46-57 1**  
1/8" = 1'-0"



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**DATE OF PRINT**  
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As indicated

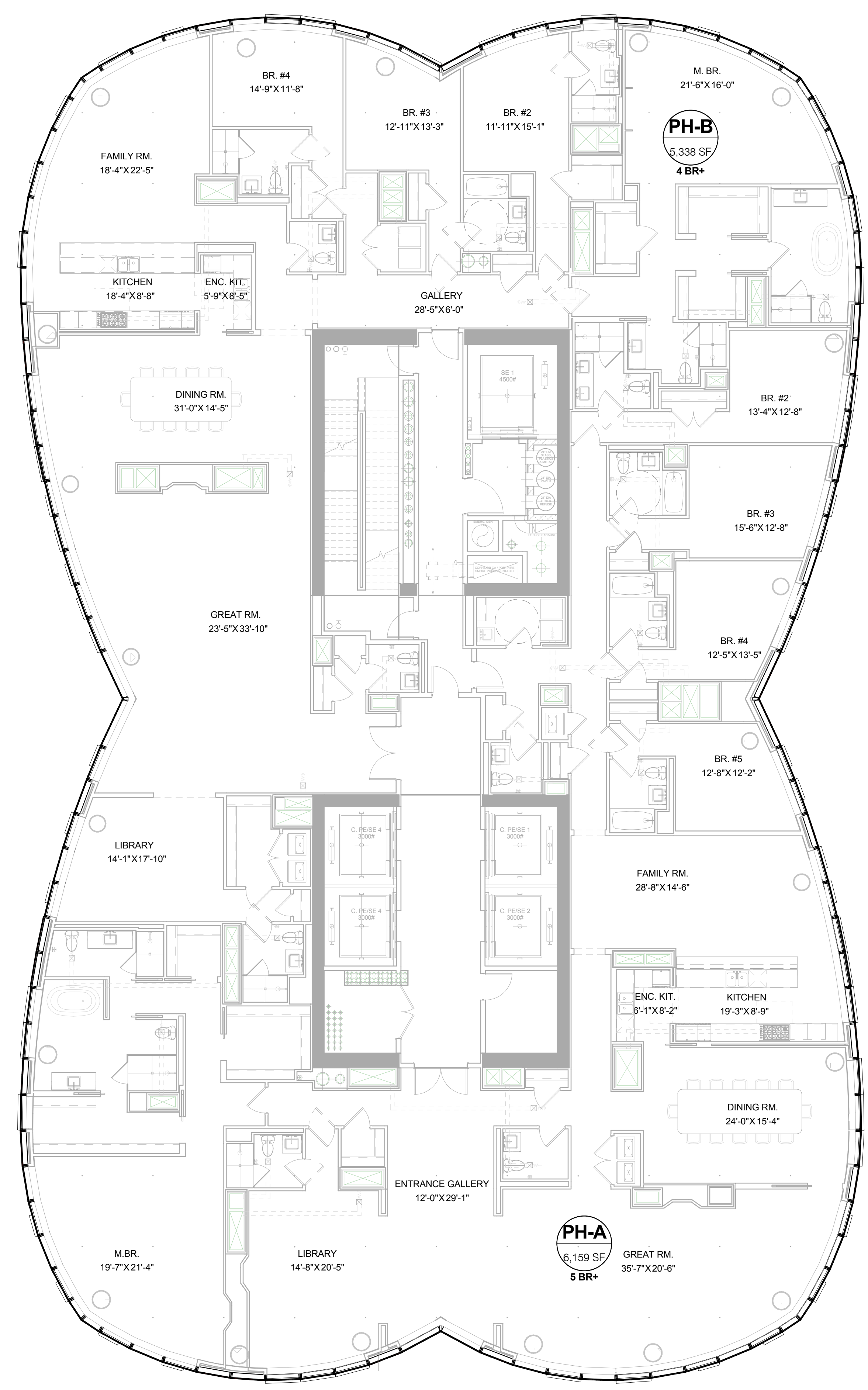
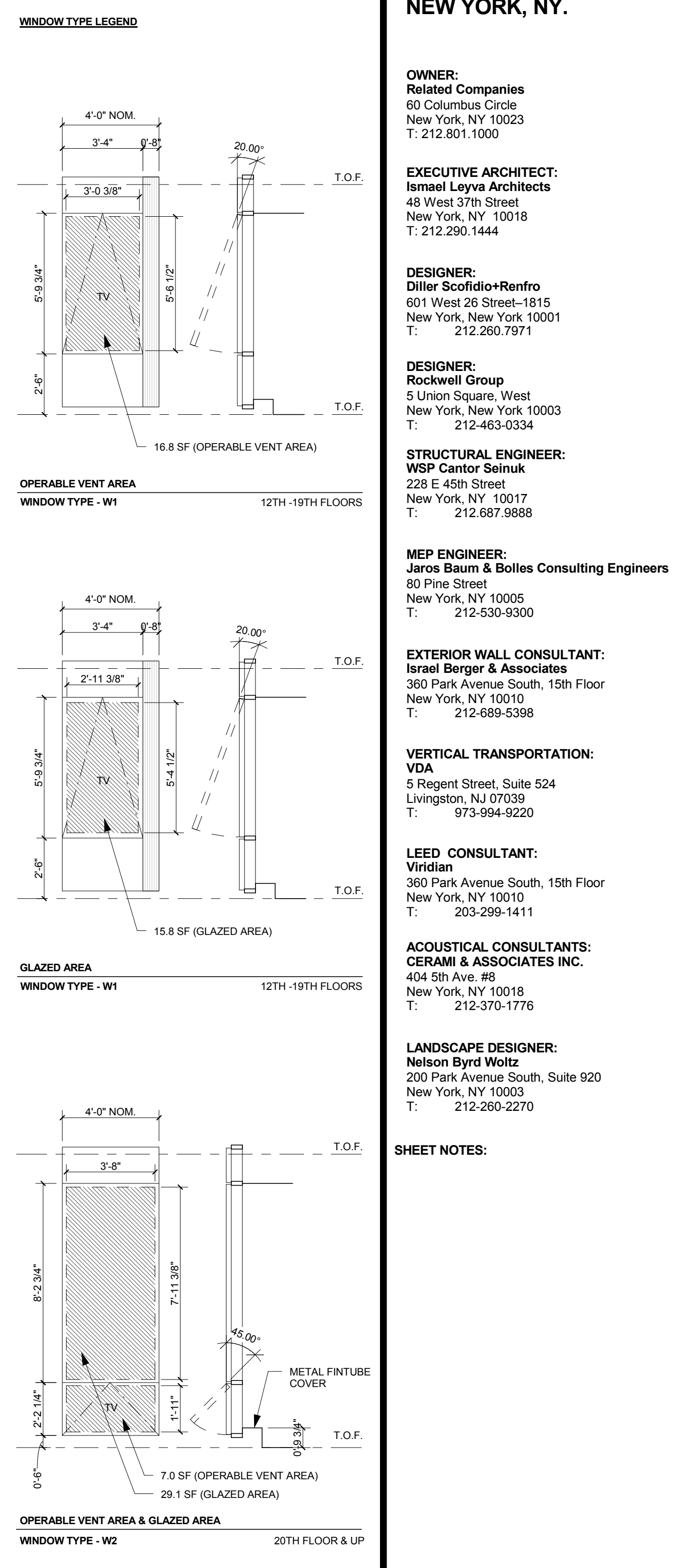
**PROJECT NUMBER**

**TITLE**  
LIGHT & AIR COMPLIANCE  
PLANS - LEVELS 46-63

**DRAWING NO.**  
EG-182.00

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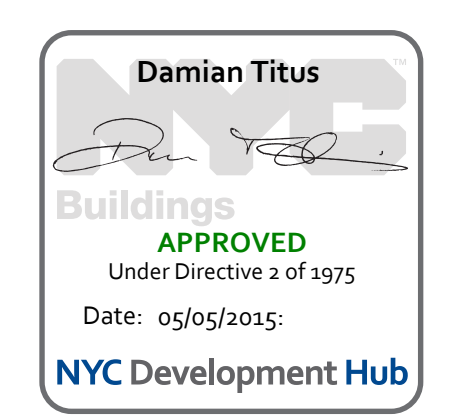


**LIGHT & AIR COMPLIANCE CHART - FLOORS 64 THRU 66**

Level	Room/Space /Apt ID	Room Name	Room Area	Required Light (10%)	# of Windows	Glazed Area per Window (SF)	Proposed Light (SF)	Required Air (5%)	# of Operable Vents	Area per Operable Vent (SF)	Proposed Air (SF)
ZONING FLOOR AREA PLAN - LVL 64TH	PH-A	LIBRARY	389 SF	38.9 SF	8	29.1	232.9	18.5 SF	4	7	28
ZONING FLOOR AREA PLAN - LVL 64TH	PH-A	LIBRARY	300 SF	30.0 SF	3	29.1	87.3	14.5 SF	3	7	21
ZONING FLOOR AREA PLAN - LVL 64TH	PH-A	GREAT RM	623 SF	62.3 SF	12	29.1	349.2	31.1 SF	6	7	42
ZONING FLOOR AREA PLAN - LVL 64TH	PH-A	DINING RM	349 SF	34.9 SF	3	29.1	87.3	17.5 SF	3	7	21
ZONING FLOOR AREA PLAN - LVL 64TH	PH-A	BR2	156 SF	15.6 SF	2	29.1	58.2	7.8 SF	2	7	14
ZONING FLOOR AREA PLAN - LVL 64TH	PH-A	BR3	165 SF	16.5 SF	2	29.1	58.2	9.3 SF	2	7	14
ZONING FLOOR AREA PLAN - LVL 64TH	PH-A	BR4	155 SF	15.5 SF	2	29.1	58.2	7.7 SF	2	7	14
ZONING FLOOR AREA PLAN - LVL 64TH	PH-A	BR5	140 SF	14.0 SF	2	29.1	58.2	7.0 SF	2	7	14
ZONING FLOOR AREA PLAN - LVL 64TH	PH-A	FAMILY RM	487 SF	48.7 SF	5	29.1	145.5	24.8 SF	5	7	35
ZONING FLOOR AREA PLAN - LVL 64TH	PH-B	LIBRARY	236 SF	23.6 SF	3	29.1	87.3	11.6 SF	2	7	14
ZONING FLOOR AREA PLAN - LVL 64TH	PH-B	GREAT RM	799 SF	79.9 SF	6	29.1	211.9	40.0 SF	6	7	42
ZONING FLOOR AREA PLAN - LVL 64TH	PH-B	DINING RM	488 SF	48.8 SF	3	29.1	87.3	23.4 SF	3	7	21
ZONING FLOOR AREA PLAN - LVL 64TH	PH-B	FAMILY RM	512 SF	51.2 SF	10	29.1	291	29.5 SF	6	7	42
ZONING FLOOR AREA PLAN - LVL 64TH	PH-B	MBR	311 SF	31.1 SF	7	29.1	203.7	16.6 SF	3	7	21
ZONING FLOOR AREA PLAN - LVL 64TH	PH-B	BR2	187 SF	18.7 SF	2	29.1	58.2	8.4 SF	2	7	14
ZONING FLOOR AREA PLAN - LVL 64TH	PH-B	BR3	157 SF	15.7 SF	2	29.1	58.2	7.9 SF	2	7	14
ZONING FLOOR AREA PLAN - LVL 64TH	PH-B	BR4	155 SF	15.5 SF	3	29.1	87.3	7.7 SF	2	7	14

**LIGHT & AIR COMPLIANCE PLAN\_64-66**

**1**  
1/8" = 1'-0"



- KEY PLAN**
- ISSUE SET**
- | ISSUE SET                                       | DATE       |
|---|------------|
| SCHEMATIC DESIGN ISSUE                          | 02.15.2013 |
| REVISED SD ISSUE                                | 05.06.2013 |
| EXTERIOR WALL 75% DD                            | 09.05.2013 |
| EXTERIOR WALL PRELIM. BID                       | 11.05.2013 |
| D.O.B. INITIAL FILING                           | 11.22.2013 |
| FINAL SD ISSUE                                  | 11.25.2013 |
| EXTERIOR WALL BID SET                           | 01.27.2014 |
| E.W. BID SET ADDENDUM 1                         | 03.05.2014 |
| FOUNDATION BID SET                              | 06.02.2014 |
| FOUNDATION BID SET REV. 1                       | 06.30.2014 |
| FINAL SD ISSUE - REVISED                        | 08.25.2014 |
| SUPERSTRUCTURE BID SET                          | 11.17.2014 |
| SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS) |            |
| DESIGN DEVELOPMENT SET                          | 12.22.2014 |
| UPDATED DOB SET                                 | 01.20.2015 |
- DATE OF PRINT**  
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- DRAWING SCALE**  
As indicated
- PROJECT NUMBER**
- TITLE**  
**LIGHT & AIR COMPLIANCE  
PLANS - LEVELS 64-66**
- DRAWING NO.**  
**EG-183.00**

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DESIGNER:  
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MEP ENGINEER:  
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SHEET NOTES:

**NOTE:**  
1) THE NOTES INDICATED ON THIS SHEET ARE NOT INTENDED TO SUPERSEDE ANY SPECIFIC NOTES & INFORMATION PROVIDED ELSEWHERE ON THESE DRAWINGS OR SPECIFICATION NOR ARE THEY INTENDED TO SUPERSEDE OR INVALIDATE ANY APPLICABLE REGULATIONS AND PROVISIONS OF THE NEW YORK CITY BUILDING CODE OR ANY OTHER APPLICABLE CODES OR STANDARDS.  
2) IN CASE THERE IS ANY DISCREPANCY BETWEEN THE GENERAL NOTES INDICATED ON THIS DRAWING AND THE SPECIFIC NOTES INDICATED ELSEWHERE ON THE DRAWINGS OR SPECIFICATIONS, THE LATTER SHALL PREVAIL.  
IN CASE OF ANY DISCREPANCY BETWEEN THE GENERAL NOTES ON THIS DRAWING AND ANY APPLICABLE PROVISIONS/REGULATIONS OF THE LOCAL, STATE OR FEDERAL CODES OR OTHER SPECIFIED STANDARDS, THE LATTER SHALL PREVAIL.  
3) GENERAL NOTES INDICATED HERE ARE NOT INTENDED TO BE EXHAUSTIVE WITH REGARDS TO NOTING ALL REQUIRED CODE COMPLIANCES, REQUIRED STANDARDS OF CONSTRUCTION, ETC. CONTRACTOR SHALL NOT RELY ENTIRELY UPON THESE NOTES TO SATISFACTORILY COMPLETE THE SCOPE OF WORK INCLUDED IN THE CONTRACT DOCUMENTS

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SHEET TITLE:

ARCHITECTURAL GENERAL NOTES

DRAWING NO.

A-001.00

70 of 366

1.0 GENERAL NOTES FOR REFERENCING DRAWINGS :

- 1.1 ALL ELEVATIONS SHALL BE REFERRED TO DATUM USED BY TOPOGRAPHICAL BUREAU, BOROUGH PRESIDENT OF MANHATTAN, WHICH IS 2.0 FT ABOVE THE U.S. COAST AND GEODETIC SURVEY MEAN OF SEA LEVEL. DATUM AT SANDY HOOK. ALL ELEVATIONS INDICATED ARE ACTUAL ELEVATIONS AND REFER TO DATUM USED BY TOPOGRAPHICAL BUREAU, BOROUGH PRESIDENTS OFFICE, MANHATTAN.
- 1.2 WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. DRAWINGS ARE NOT TO BE SCALED. ALL WORK SHALL BE LAID OUT BY DIMENSIONS.
- 1.3 CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND ARCHITECTS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.
- 1.4 ALL CONSTRUCTION DIMENSIONS AND DETAILS SHALL CONCUR WITH AND BE DETERMINED FROM THESE DRAWINGS ONLY.
- 1.5 ALL NOTES HEREIN MENTIONED WITH THOSE ON THE VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT.
- 1.6 ANY DISCREPANCIES IN FIELD CONDITIONS, EITHER EXISTING OR CONSTRUCTED AS SCOPE OF THIS WORK, WITH RESPECTS TO THE CONDITIONS SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- 1.7 CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY & CONFIRM ANY AND ALL QUANTITIES OF WORK & MATERIALS OR COUNTS OF FIXTURES, EQUIPMENT, ETC. THAT MAY BE INDICATED ON THESE DRAWINGS.
- 1.8 ALL WRITTEN SPECIFICATIONS, REPORTS SHALL BE PART OF CONTRACT DOCUMENTS. CONTRACTOR/BUILDER TO NOTIFY ARCHITECT IF THERE ARE DISCREPANCIES OR INCONSISTENCIES BETWEEN THE WRITTEN SPECIFICATIONS AND THE INFORMATION ON THESE DRAWINGS AS IT RELATES TO SCOPE OF THE CONTRACTORS WORK, MATERIALS AND/OR DESIGN INTENT.

2.0 GENERAL NOTES FOR CONSTRUCTION :

- 2.1 A MINIMUM OF 24 HOUR WRITTEN NOTICE SHALL BE GIVEN TO THE COMMISSIONER BEFORE THE COMMENCEMENT OF EXCAVATION, DEMOLITION OR SCAFFOLDING WORK IN ACCORDANCE WITH BC-0304, BC-0306, BC-0314.
- 2.2 A MINIMUM OF TEN DAYS PRIOR NOTICE SHALL BE GIVEN TO ALL ADJOINING PROPERTY OWNERS AFFECTED BY EXCAVATION, EARTHWORK, FOUNDATION OR DEMOLITION WORK IN ACCORDANCE WITH BC 306.
- 2.3 ALL PERMITS ISSUED BY THE DEPARTMENT OF BUILDINGS SHALL BE POSTED IN A CONSPICUOUS PLACE OPEN TO THE PUBLIC INSPECTION FOR THE ENTIRE TIME OF THE PROTECTION OF THE WORK, OF THE USE AND OPERATION OF THE EQUIPMENT OR UNTIL THE EXPIRATION OF THE PERMIT.
- 2.4 ALL CONSTRUCTION SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL CODES, ORDINANCES, RULES, AND REGULATIONS PERTAINING TO LABOR AND MATERIALS.
- 2.5 ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE NEW YORK CITY CONSTRUCTION CODES 2008.
- 2.6 THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF OTHER SUBCONTRACTORS AND TRADES.
- 2.7 CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE OF ALL WORK WITH THE APPLICABLE PROVISIONS OF NYCBC CHAPTER 33 - SAFEGUARDS DURING CONSTRUCTION OR DEMOLITION.
- 2.8 CONTRACTORS SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREMIAGE, COLLAPSE, DISTORTIONS, AND OFF-ALIGNMENT ACCORDING TO APPLICABLE CODES, SPECIFICATIONS, STANDARDS, AND GOOD PRACTICE.

4.0 GENERAL NOTES FOR POST -CONSTRUCTION BUILDING MAINTENANCE:

- 4.1 OWNERS RESPONSIBILITIES: ALL BUILDINGS AND ALL PARTS THEREOF AND ALL OTHER STRUCTURES SHALL BE MAINTAINED IN A SAFE CONDITION. ALL SERVICE EQUIPMENT, MEANS OF EGRESS, MATERIALS, DEVICES, AND SAFEGUARDS THAT ARE REQUIRED IN A BUILDING BY THE PROVISIONS OF NEW YORK CITY BUILDING CODE AND OTHER APPLICABLE LAWS OR RULES, SHALL BE MAINTAINED IN GOOD WORKING CONDITION, WHENEVER PERSONS ENGAGED IN BUILDING OPERATIONS HAVE REASON TO BELIEVE IN THE COURSE OF SUCH OPERATIONS THAT ANY BUILDING OR OTHER STRUCTURE IS DANGEROUS OR UNSAFE. SUCH PERSON SHALL FORTHWITH REPORT SUCH BELIEF IN WRITING TO THE DEPARTMENT. THE OWNER SHALL BE RESPONSIBLE AT ALL TIMES TO MAINTAIN THE BUILDING AND ITS FACILITIES AND ALL OTHER STRUCTURES IN A SAFE AND CODE-COMPLIANT MANNER AND SHALL COMPLY WITH THE INSPECTION AND MAINTENANCE REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE.
- 4.2 A COPY OF THE CERTIFICATE OF OCCUPANCY INDICATING THE LIFE LOADS AND OCCUPANT LOADS SHALL BE POSTED WITH EVERY BUILDING FOR WHICH A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED IN ACCORDANCE WITH RCNY TITLE 1 § 4-01
- 4.3 POSTING OF OCCUPANT LOAD: EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AUTHORIZED AGENT IN ACCORDANCE WITH BC 1000.3

5.0 GENERAL MEANS OF EGRESS NOTES:

- 5.1 ALL EXITS SHALL BE KEPT READY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
- 5.2 EXIT LIGHTING: 5.2.1 EXITS AND EXIT ACCESS COMPONENTS SHALL BE ILLUMINATED AT ALL TIMES IN ACCORDANCE WITH THE PROVISIONS OF BC 1006. 5.2.2 EXIT LIGHTING SHALL BE ON CIRCUITS THAT ARE SEPARATE FROM ANY OTHER CIRCUITS, TAKEN OFF AHEAD OF THE MAIN SWITCH. 5.2.3 ILLUMINATION OF AT LEAST ONE FOOT-CANDLE MEASURED AT THE FLOOR LEVEL SHALL BE MAINTAINED CONTINUOUSLY IN EXITS AND EXIT ACCESS FACILITIES (BC1006.2).
- 5.3 EXIT SIGNS: 5.3.1 LOCATION OF EVERY EXIT ON EVERY FLOOR SHALL BE CLEARLY INDICATED BY EXIT SIGNS, PLACED, IF REQUIRED, AT AN ANGLE WITH THE EXIT OPENING. DIRECTIONAL EXIT SIGNS SHALL BE INSTALLED TO SERVE AS GUIDE FROM ALL PORTIONS OF THE CORRIDOR OR FLOOR. EXIT SIGNS SHALL BE ON SEPARATE CIRCUITS, TAKEN OFF AHEAD OF THE MAIN SWITCH. 5.3.2 EXIT SIGNS SHALL BE INTERNALLY LIT, HAVING AN INITIAL BRIGHTNESS OF THE LETTERS OF AT LEAST 25 FEET LAMBERT. LETTERS SHALL BE RED. THE BACKGROUND SHALL BE WHITE. LETTERS SHALL BE BLOCK LETTERING, AT LEAST 4-1/2" HIGH, WITH 9/16" STROKES.
- 5.4 EGRESS COMPONENTS: 5.4.1 EXIT DOORS SHALL BE READY OPERABLE AT ALL TIMES IN THE DIRECTION OF EGRESS TRAVEL. DOORS OPENING INTO INTERIOR ENCLOSED STAIR SHALL NOT BE LOCKED FROM EITHER SIDE, UNLESS EQUIPPED WITH AUTOMATIC FAIL-SAFE IN ACCORDANCE WITH BC 1006. 5.4.2 TREADS, STRINGERS, AND LANDINGS SHALL BE BUILT OF OR SURFACED WITH NONSKID MATERIALS. 5.4.3 ALL MEANS OF EGRESS DOORS SHALL PROVIDE A MINIMUM OF 36" CLEAR OPENING WIDTH. THE HEIGHT OF MEANS OF EGRESS DOORS SHALL NOT BE LESS THAN 80 INCHES. 5.4.4 THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET, 6 INCHES. PROTRUDING OBJECTS ARE PERMITTED TO EXTEND BELOW THE MINIMUM CEILING HEIGHT INDICATED ABOVE PROVIDED A MINIMUM HEADROOM OF 84 INCHES SHALL BE PROVIDED FOR ANY WALKING SURFACES, INCLUDING WALKS, CORRIDORS, AISLES AND PASSAGEWAYS, NOT MORE THAN 50 PERCENT OF THE CEILING AREA OF A MEANS OF EGRESS SHALL BE REDUCED IN HEIGHT BY PROTRUDING OBJECTS. 5.4.5 STARWAYS SHALL HAVE A MINIMUM HEADROOM CLEARANCE OF 84 INCHES MEASURED VERTICALLY FROM A LINE CONNECTING THE EDGE OF THE NOSINGS. SUCH HEADROOM SHALL BE CONTINUOUS ABOVE THE STARWAY TO THE POINT WHERE THE LINE INTERSECTS THE LANDINGS ABOVE. ONE TREAD DEPTH BEYOND THE BOTTOM REER. THE MINIMUM CLEARANCE SHALL BE MAINTAINED THE FULL WIDTH OF THE STARWAY AND LANDING. PROJECTIONS INTO THE REQUIRED WIDTH SHALL NOT BE LIMITED ABOVE THE MINIMUM HEADROOM HEIGHT.
- 5.4.8 SECURITY REQUIREMENTS FOR DOORS AND WINDOWS IN R-2 OCCUPANCIES SHALL COMPLY WITH PROVISIONS BC 1008.4.1, 1008.4.2, 1008.4.3 & 1008.4.4

6.0 GENERAL FIRE RESISTANT CONSTRUCTION & FIRE PROTECTION NOTES:

- 6.1 ALL MATERIALS OR ASSEMBLIES REQUIRED TO HAVE FIRE RESISTANCE RATING SHALL COMPLY WITH ONE OF THE FOLLOWING:  
A. IT SHALL CONFORM WITH NFPA "FIRE RESISTANCE RATINGS - DECEMBER 1964" OR  
B. IT SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ASTM E-119-1961, "STANDARD METHOD 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 NYC BUILDING CODE.  
6.2 OPENING PROTECTIVES WHERE REQUIRED, INCLUDING FRAMES, SELF-CLOSING DEVICES AND HARDWARE SHALL COMPLY WITH ANSASTM E163-1961 "STANDARD METHOD OF FIRE TEST OF DOOR ASSEMBLIES" AND ANSASTM E163-1984 IN ACCORDANCE WITH NFPA 90A - 1986 "STANDARD FOR FIRE DOORS AND WINDOWS". OPENING PROTECTIVES SHALL BE LABELLED, CERTIFYING PERFORMANCE RATING, AND SHALL HAVE BEEN ACCEPTED BY THE COMMISSIONER OR THE BOARD OF STANDARDS AND APPEALS. (BC -715.1 & BC -715.3.5.4 & BC -715.4.9)  
6.3 DUCTS, PIPES AND CONDUITS PASSING THROUGH RATED CONSTRUCTION SHALL HAVE SPACES NOT EXCEEDING 1/2" PACKED WITH THERMOSEPTOL OR MINERAL WOOL AND CLOSED OFF WITH CLOSE FITTING METAL ESCUTCHEONS. AGGREGATED NET AREA OF SUCH OPENING SHALL NOT EXCEED 20 SQUARE INCHES IN ANY 100 SQUARE FEET OF WALL OR FLOOR AREA, UNLESS PROTECTED BY RATED SELF-ENCLOSING DEVICES.  
6.4 FIRESTOPPING: CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS, PURGED PIPES, SPACES, COLUMN ENCLOSURES, ETC. SHALL BE FIRESTOPPED (EXCEPT WHERE CONCEALED SPACE IS SPRINKLERED) WITH NON-COMBUSTIBLE FIRESTOPPING MAY BE MASONRY SET IN MORTAR, CONCRETE 3/4" THICK, SHEET METAL OF AT LEAST 0.002" THICK, SOLID METAL STRUCTURAL MEMBERS, 1/4" MINIMUM CEMENT BOARD OF EQUIVALENT MATERIALS, MINERAL SLUG, OR ROCKWOOL WHEN COMPACTED INTO CONFINED RIDG SPACE (BC -706.4)  
6.5 INTERIOR FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH THE SURFACE FLAME SPREAD RATINGS OBTAINED AS PRESCRIBED IN ASTM E-84-1991 "STANDARD METHOD OF TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS" BC-803.1. FINISH FLOORING IN ALL EXITS SHALL BE OF NON-COMBUSTIBLE MATERIALS (BC-404.5).  
6.6 OUTLETS IN FIRE RATED PARTITIONS SHALL BE BACKED UP WITH APPROVED MATERIALS. NO CONDUITS, PIPES, BOXES, PANELS, MEDICINE CABINETS, ETC. SHALL ENCRICH INTO ANY FIRE RATED PARTITIONS SO AS TO REDUCE THE FIRE RESISTANCE RATING, STRUCTURAL STABILITY & INTEGRITY OF THE PARTITION. CONDUITS IN FIRE-RATED PARTITIONS WILL NOT EXCEED 3/4" DIAMETER.  
6.7 ALL WIRE GLASS IN RATED DOORS AND WINDOWS WILL BE OF A TYPE APPROVED BY THE BOARD OF STANDARDS AND APPEALS.  
6.8 ELEVATOR SHAFTS SHALL BE ENCLOSED WITH 2 HOUR FIRE RATING IN ACCORDANCE WITH NEW YORK CITY BUILDING CODE, BC-707.4.  
6.9 INTERIOR REQUIRED STAIR SHALL BE ENCLOSED WITH 2 HOUR FIRE RATING IN ACCORDANCE WITH NEW YORK CITY BUILDING CODE, BC-608.20.2.  
6.10 ALL VENT DUCT SHAFTS SHALL BE ENCLOSED WITH 2 HOUR ENCLOSURE. NO DUCT VENTS TO PASS THROUGH STAIR ENCLOSURES. 1-1/2 HOUR AUTOMATIC CLOSING FIRE DAMPERS TO BE INSTALLED IN VENT DUCTS WHEN THEY PENETRATE FIRE RATED WALL/FIRE BARRIERS.  
6.11 ALL OPENINGS TO ELEVATOR SHAFTS WILL BE PROVIDED WITH DOORS HAVING A 1-1/2 HOUR RATINGS. ALL DOORS TO BE SELF-CLOSING AND AT OPTION OF THE OWNER PROVIDED WITH VISION PANELS OF APPROVED TYPE CLEAR WIRE GLASS.  
6.12 REFUSE COLLECTING ROOM TO BE IN COMPLIANCE WITH BC-707.13.4 AND BC-707.13.5 AND BC-1013.1 REFUSE AND LAUNDRY CHUTES SHALL DISCHARGE INTO AN ENCLOSED ROOM COMPLETELY SEPARATED FROM THE REMAINDER OF THE BUILDING BY CONSTRUCTION THAT HAS A FIRE-RESISTANCE RATING OF NOT LESS THAN 3 HOURS. OPENINGS INTO THE TERMINATION ROOM SHALL BE PROTECTED BY OPENING PROTECTIVES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 11/2 HOURS AND SHALL BE SELF-CLOSING.  
6.13 ALL DUCT SHAFT OFFSETS SHALL BE ENCASED WITH 2 HOUR FIRE RATING.  
6.14 MIN. ROOF COVERING CLASSIFICATION FOR ALL ROOF ASSEMBLIES USED IN THIS BUILDING SHALL BE CLASS B IN ACCORDANCE WITH BC 1505

7.0 SMOKE AND CO DETECTORS:

- 7.1 HARDWIRED COMBINATION SMOKE & CO DETECTORS SHALL BE PROVIDED IN ALL DWELLING UNITS, ONE WITHIN EACH SLEEPING AREA AND ONE WITHIN 15' OF EACH SLEEPING AREA IN ACCORDANCE WITH BC 907 & 909. DETECTORS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE DETECTOR SHALL ACTIVATE ALL DETECTORS IN THE INDIVIDUAL DWELLING UNIT.

10.0 RODENT PROOFING :

- 10.1 ALL ROOMS & SPACES IN THE BUILDING IN WHICH PERSONS LIVE, SLEEP OR WORK, OR IN WHICH FEED, FOOD OR FOODSTUFFS ARE STORED, PREPARED, PROCESSED, SERVED OR SOLD, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF NYC BC APPENDIX F.  
10.2 ALL METAL OR WIRE PROTECTION MATERIALS USED FOR RODENT PROOFINGS SHALL BE NON-CORROSIVE.  
10.3 EXTERIOR WALLS AND UNDERGROUND WALLS, FOR WALLS OR PORTIONS THEREOF WITHIN 2 FEET (610 MM) OF THE OUTSIDE GROUND LEVEL, AND FOR WALLS BELOW THE OUTSIDE GROUND LEVEL, ALL OPENINGS & PENETRATIONS, INCLUDING BUT NOT LIMITED TO ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, AND CONDUITS, SHALL BE PROTECTED BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY, METAL PLATES OR SCREENING DESIGNED TO PREVENT THE PASSAGE OF RODENTS.  
10.4 FLOORS ON GRADE, ALL FLOORS ON GRADE, INCLUDING CELLAR FLOORS, STREET LEVEL FLOORS, SHALL BE CONSTRUCTED OF A MINIMUM 2 INCHES THICK CONTINUOUS CONCRETE SLAB. GAPS SHALL NOT BE PERMITTED BETWEEN THE SLAB AND THE ADJOINING FOUNDATION WALLS OR COLUMNS, EXCEPT WHERE EXPANSION JOINTS, THERMAL BREAKS, AND CONTROL JOINTS ARE LOCATED. ALL OPENINGS INCLUDING BUT NOT LIMITED TO ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, AND CONDUITS IN THE SLAB SHALL BE PROTECTED BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY, METAL PLATES OR SCREENING DESIGNED TO PREVENT THE PASSAGE OF RODENTS.  
10.5 EXTERIOR DOORS - WHERE AN EXTERIOR DOOR IS NONMETAL OR NONMETAL-CRAD, SUCH DOOR SHALL BE COVERED WITH A RICK PLATE OF A MINIMUM THICKNESS OF 0.033 INCH (0.84 MM), EXTENDING AT LEAST 8 INCHES (203 MM) FROM THE BOTTOM OF THE DOOR, AND COVERING THE ENTIRE WIDTH OF THE DOOR, WHEN CLOSED, THE MINIMUM CLEARANCE BETWEEN ANY DOOR, DOOR JAMB AND SILL SHALL NOT BE GREATER THAN 3/8 INCH (9.5 MM).  
10.6 OPENINGS WITHIN TWO FEET OF GROUND LEVEL, OPERABLE WINDOWS AND OTHER OPENINGS PROVIDING REQUIRED OR VOLUNTARY NATURAL VENTILATION LOCATED WITH ANY PORTION WITHIN 2 FEET (610 MM) ABOVE OUTSIDE GROUND LEVEL, IMMEDIATELY BELOW SUCH OPENING SHALL BE COVERED FOR THEIR ENTIRE HEIGHT AND WIDTH OF THE OPERABLE PORTION WITH HARDWARE CLOTH OF AT LEAST 0.035 INCH (0.89 MM) WIRE OR HEAVIER, THE OPENINGS IN THE HARDWARE CLOTH SHALL NOT EXCEED 1/4 INCH (6.4 MM).  
10.5 RODENT-ACCESSIBLE OPENINGS: ALL OPERABLE WINDOWS AND OTHER OPENINGS PROVIDING REQUIRED OR VOLUNTARY NATURAL VENTILATION IN THE EXTERIOR LOCATED WITHIN 2 FEET (610 MM) OF EXPOSED PIPES, WIRES, CONDUITS AND OTHER APPURTENANCES, SHALL BE COVERED WITH WIRE CLOTH OF AT LEAST 0.035 INCH (0.89 MM) WIRE, THE OPENINGS IN THE HARDWARE CLOTH SHALL NOT EXCEED 1/4 INCH (6.4 MM).  
10.6 EXTERIOR WALL VENTILATION OPENINGS: EXTERIOR WALL VENTILATOR OPENINGS LOCATED WITH ANY PORTION WITHIN 2 FEET (610 MM) OF OUTSIDE GROUND LEVEL, SHALL BE COVERED FOR THEIR HEIGHT AND WIDTH WITH PERFORATED SHEET METAL PLATES NO LESS THAN 0.010 INCH (1.8 MM) THICK, EXPANDED SHEET METAL PLATES NOT LESS THAN 0.047 INCH (1.2 MM) THICK, CAST IRON GRILLS OR GRATING, EXTRUDED ALUMINUM LOAD-BEARING VENTS OR WITH HARDWARE CLOTH OF 0.035 INCH (0.89 MM) WIRE OR HEAVIER, THE OPENINGS THEREIN SHALL NOT EXCEED 1/4 INCH (6.4 MM).

Damian Titus  
Buildings  
APPROVED  
Under Directive 2 of 1975  
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NYC Development Hub









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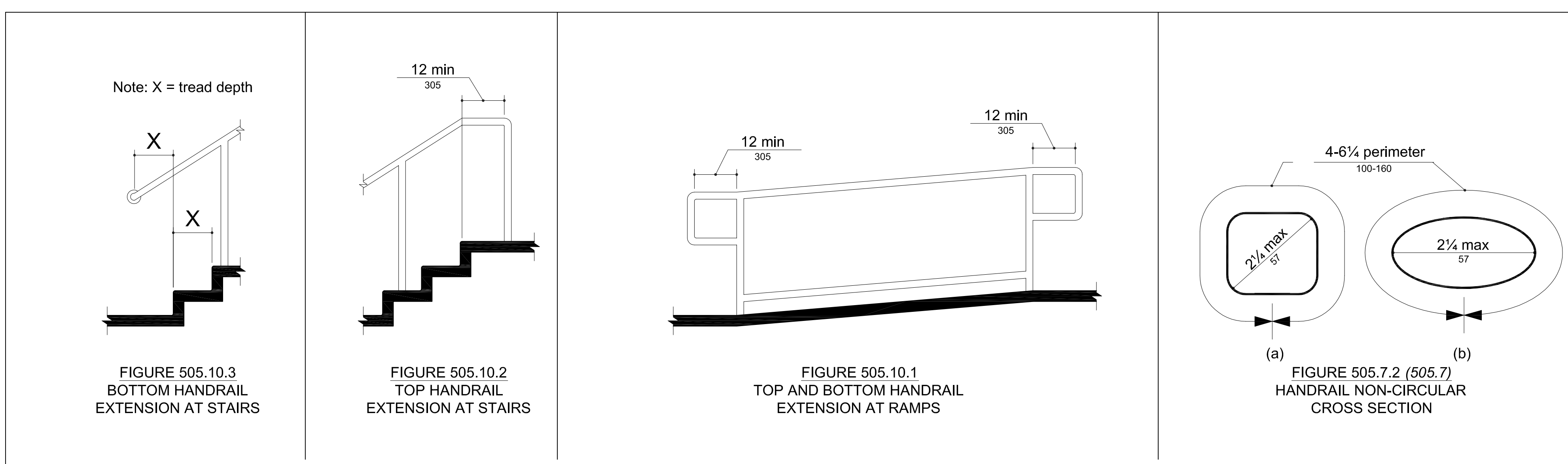
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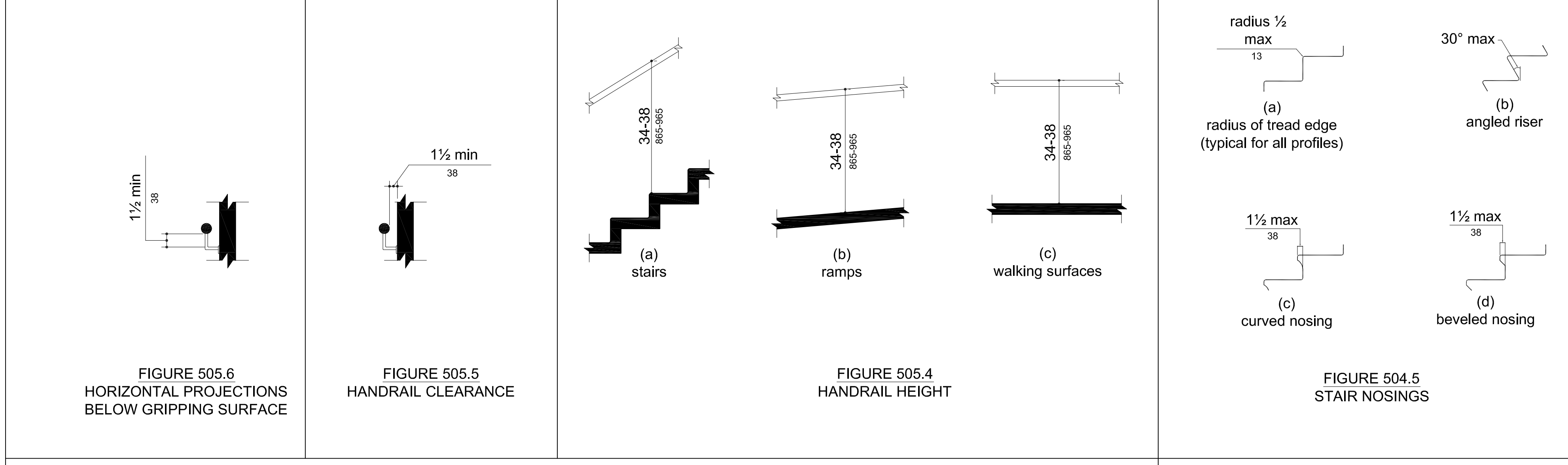
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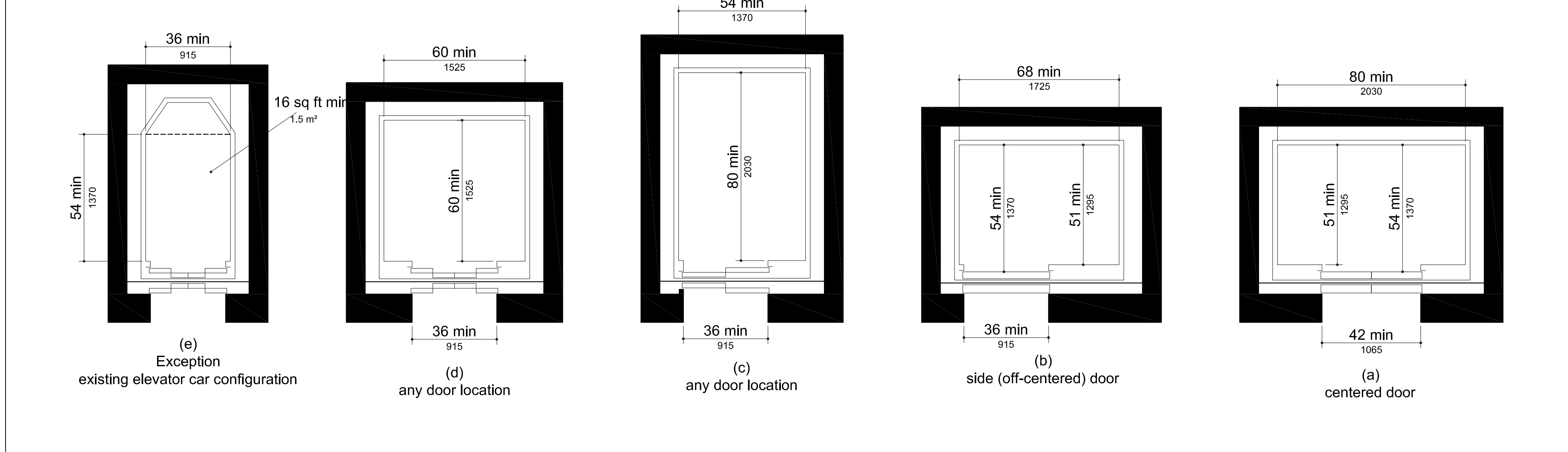


505 HANDRAILS (CONTINUED)

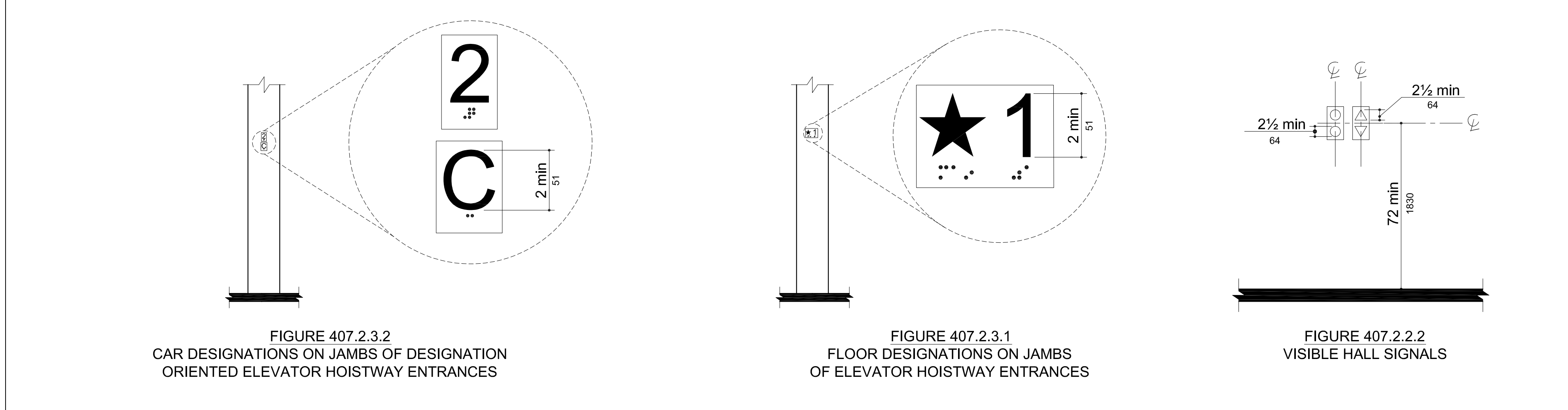


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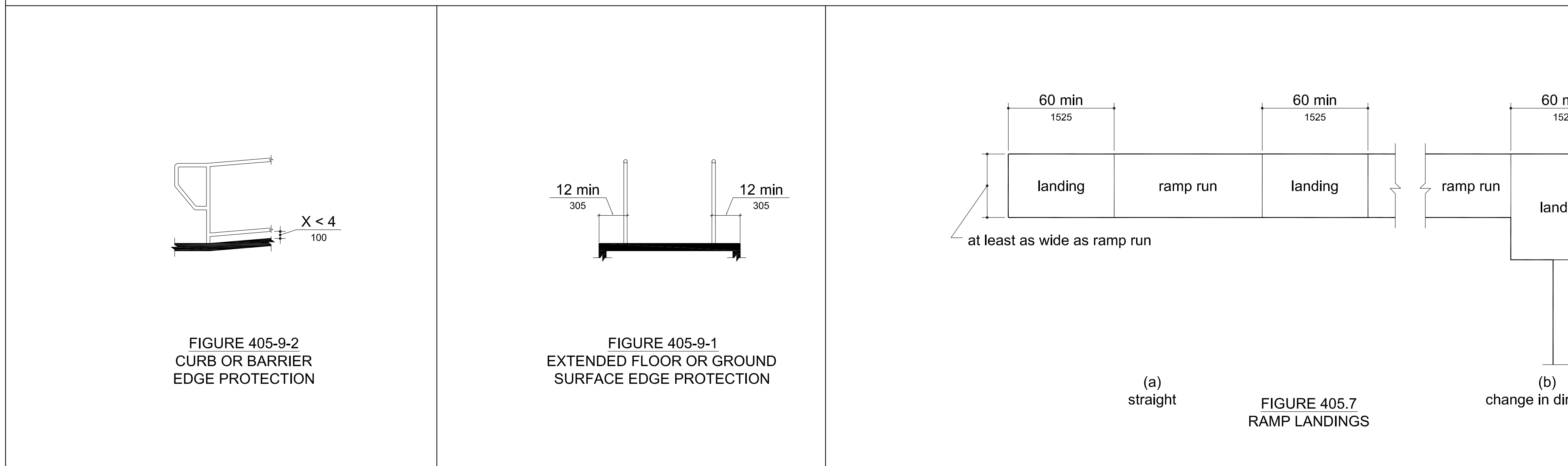


404.2.4 DOORS, DOORWAYS, & GATES

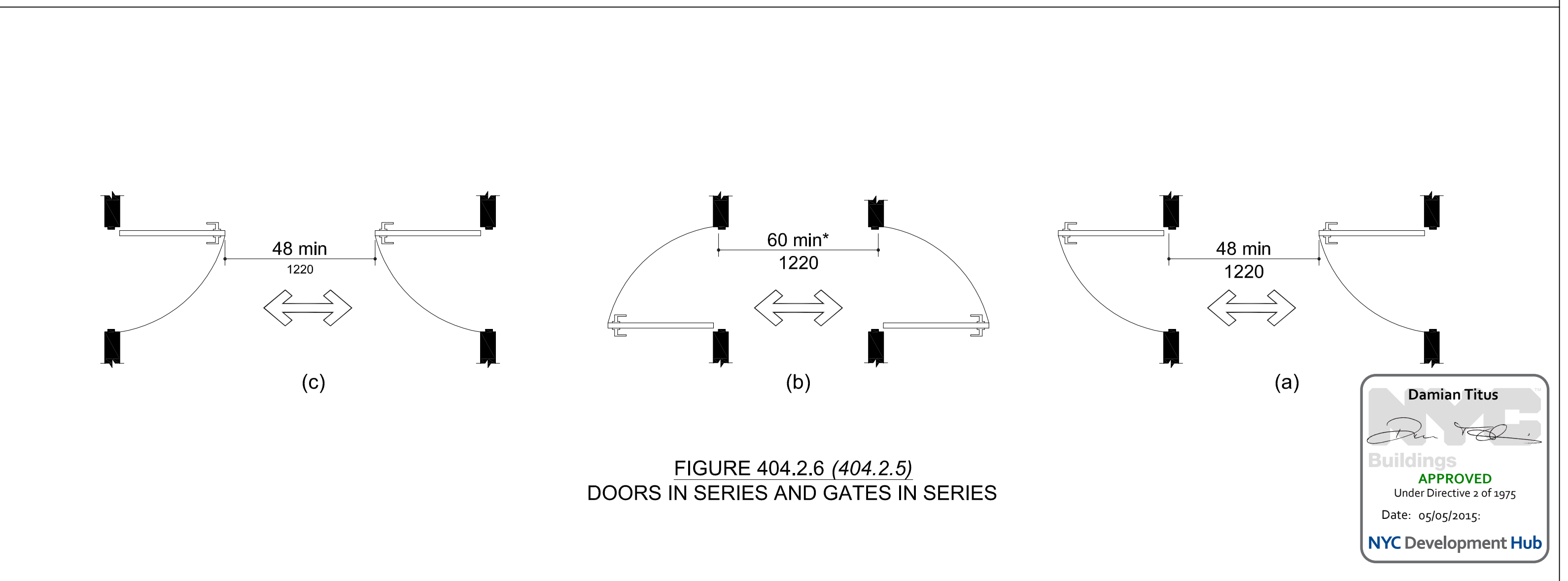


407 ELEVATORS

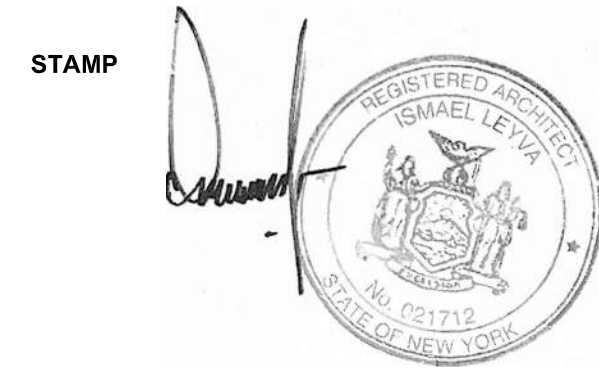
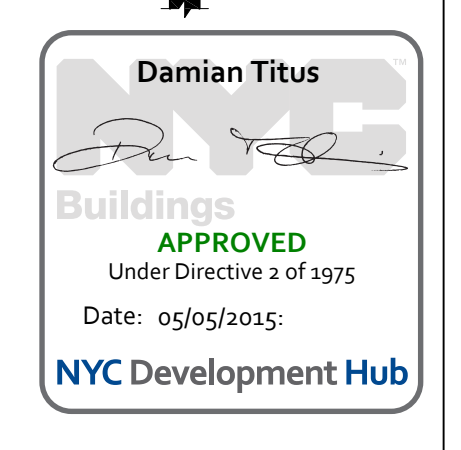
404.2.4.3 MANUEVERING CLEARANCES



405 RAMPS



404.2.4.6 DOOR IN SERIES AND GATES IN SERIES \* 60 MIN IN ICC/ANSI



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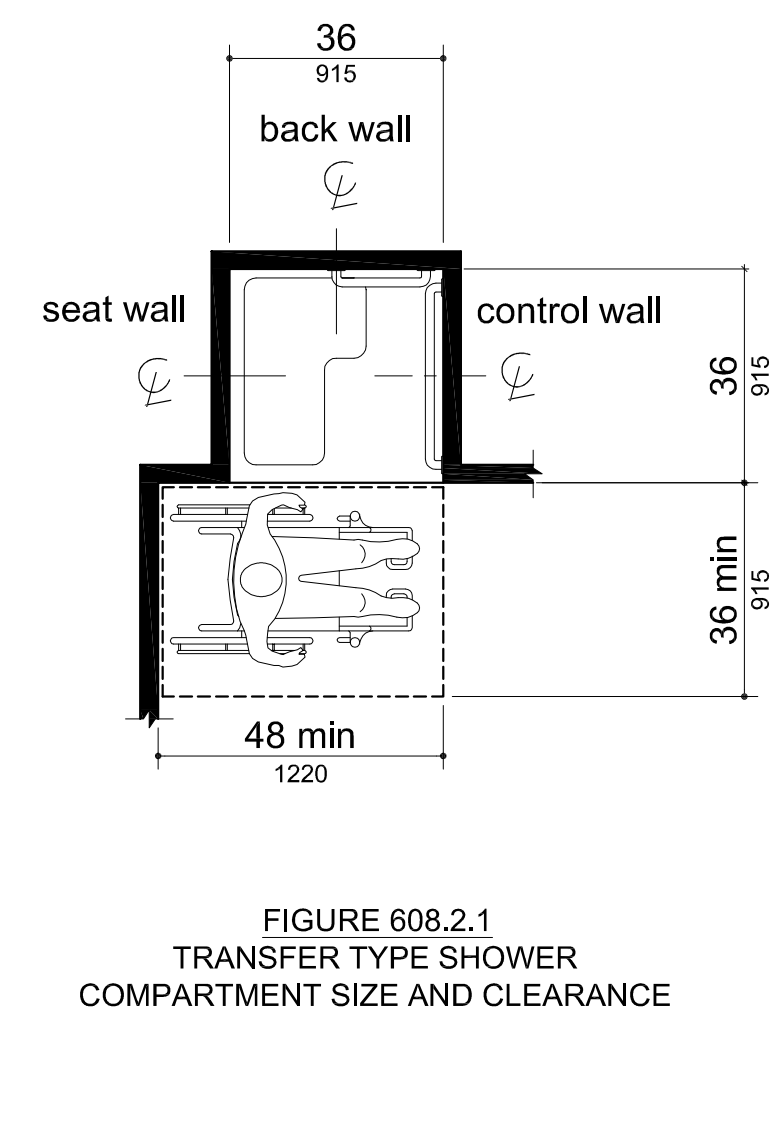


FIGURE 608.2.1 TRANSFER TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

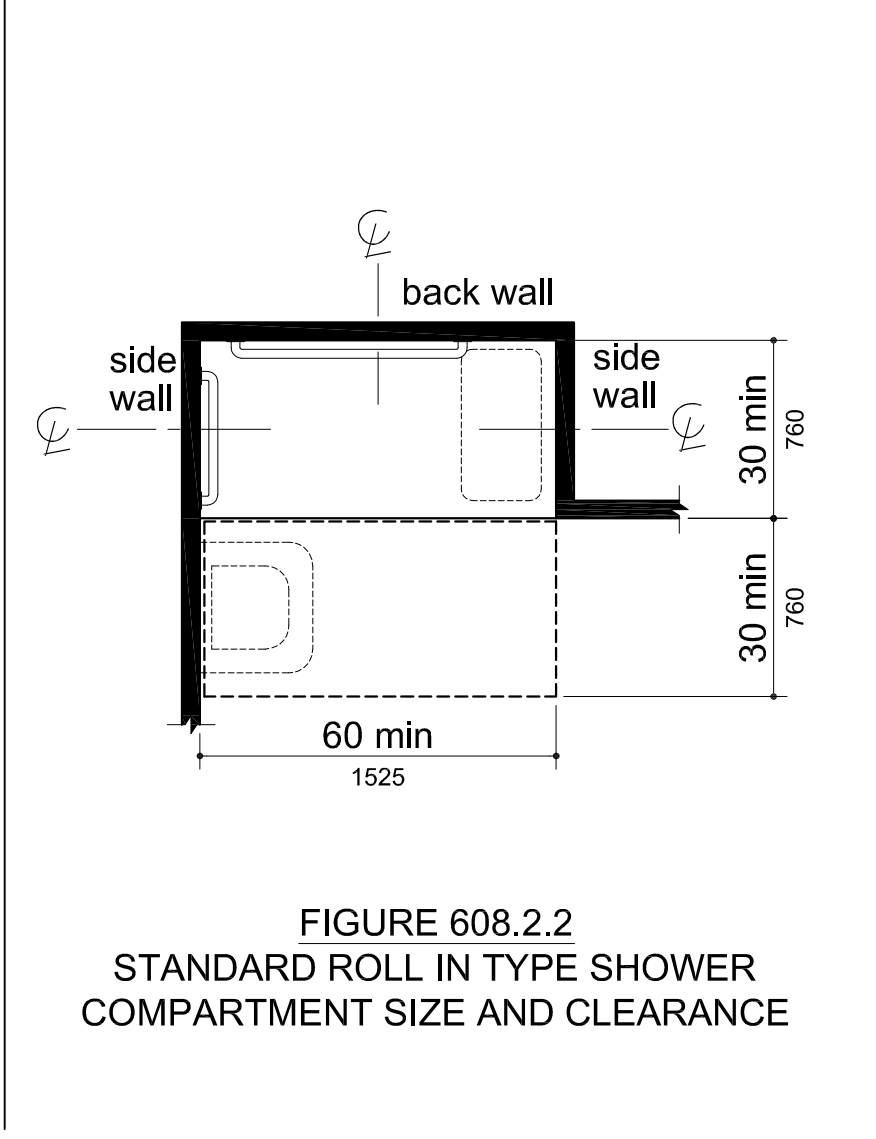


FIGURE 608.2.2 STANDARD ROLL IN TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

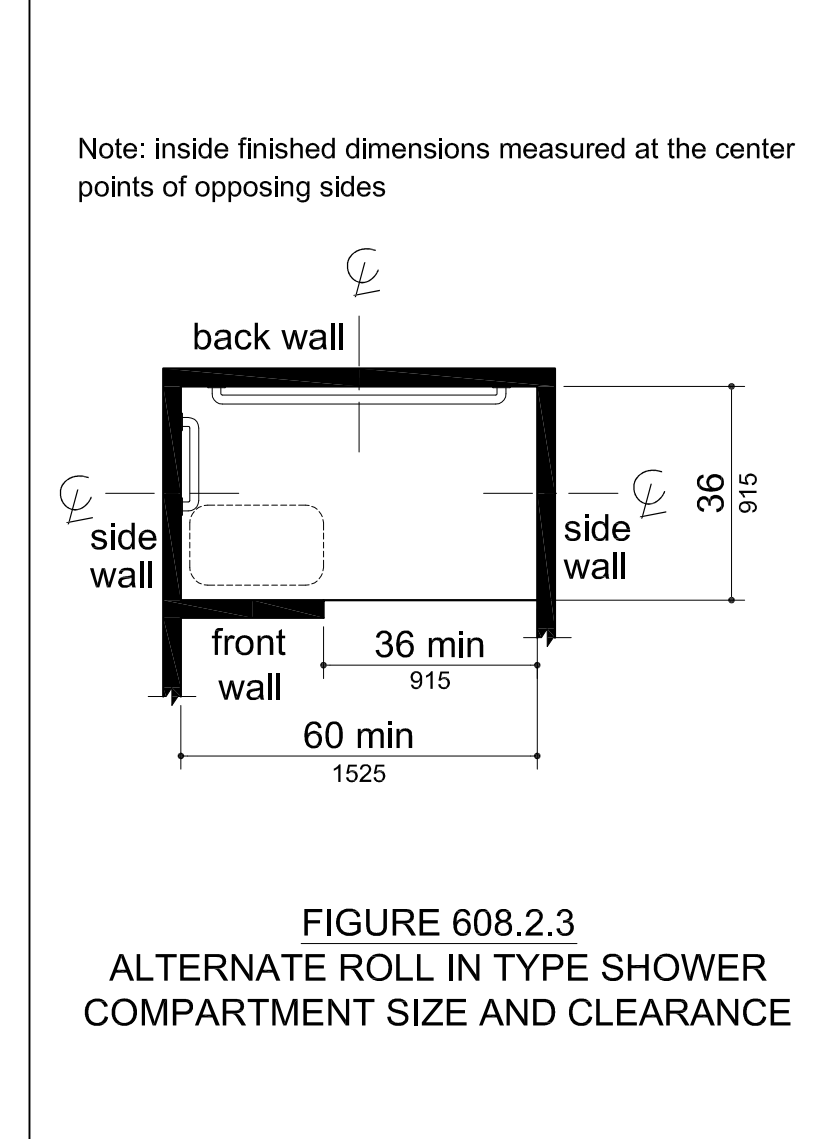


FIGURE 608.2.3 ALTERNATE ROLL IN TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

608 SHOWER COMPARTMENTS

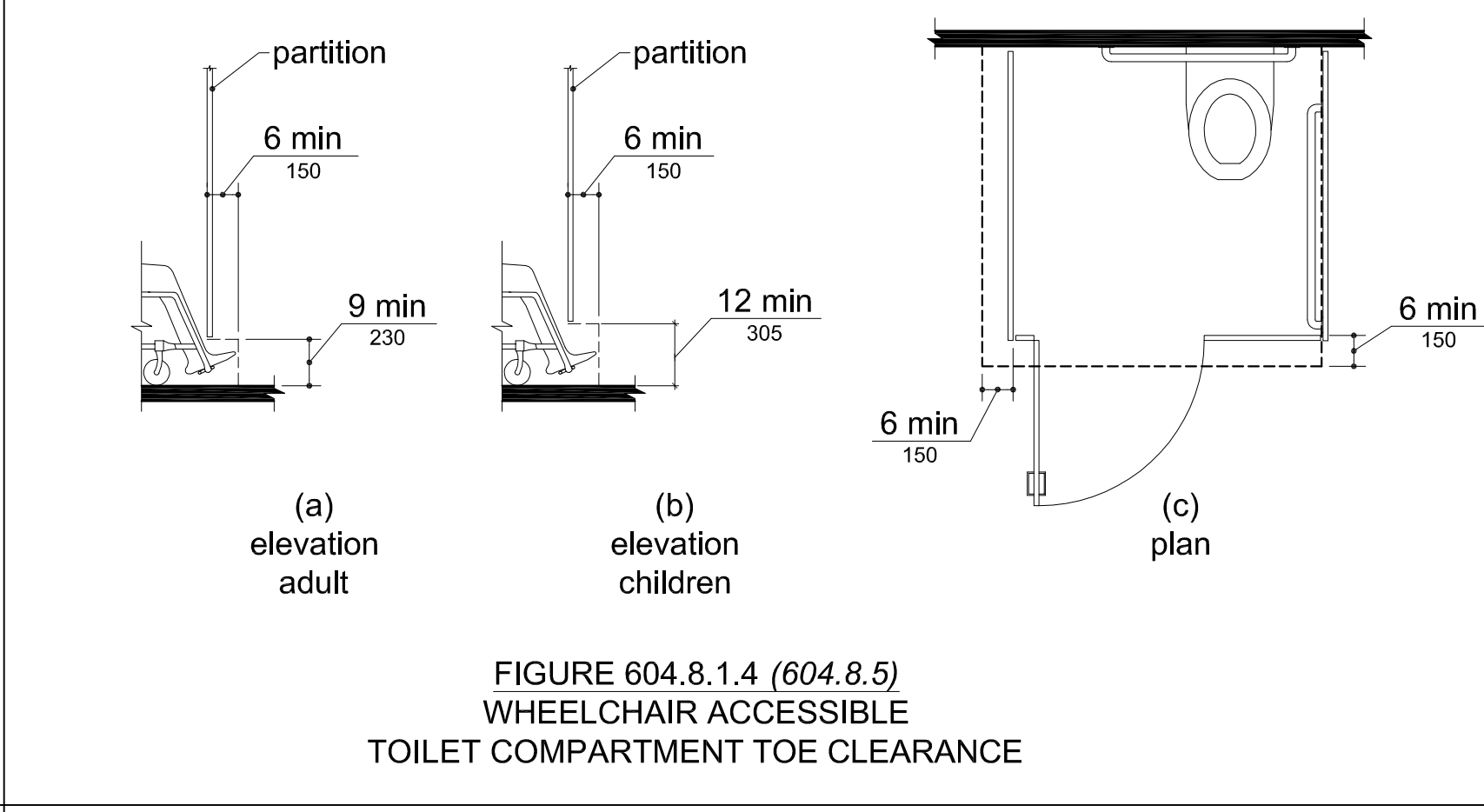


FIGURE 604.8.1.4 (604.8.5) WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT TOE CLEARANCE

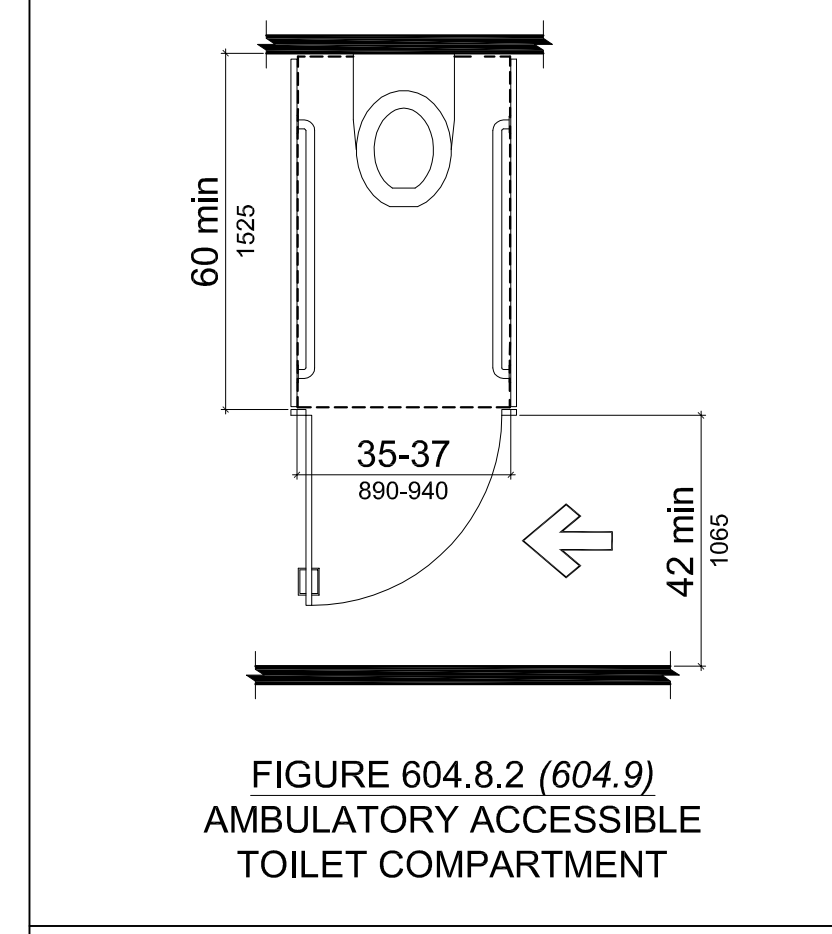


FIGURE 604.8.2 (604.9) AMBULATORY ACCESSIBLE TOILET COMPARTMENT

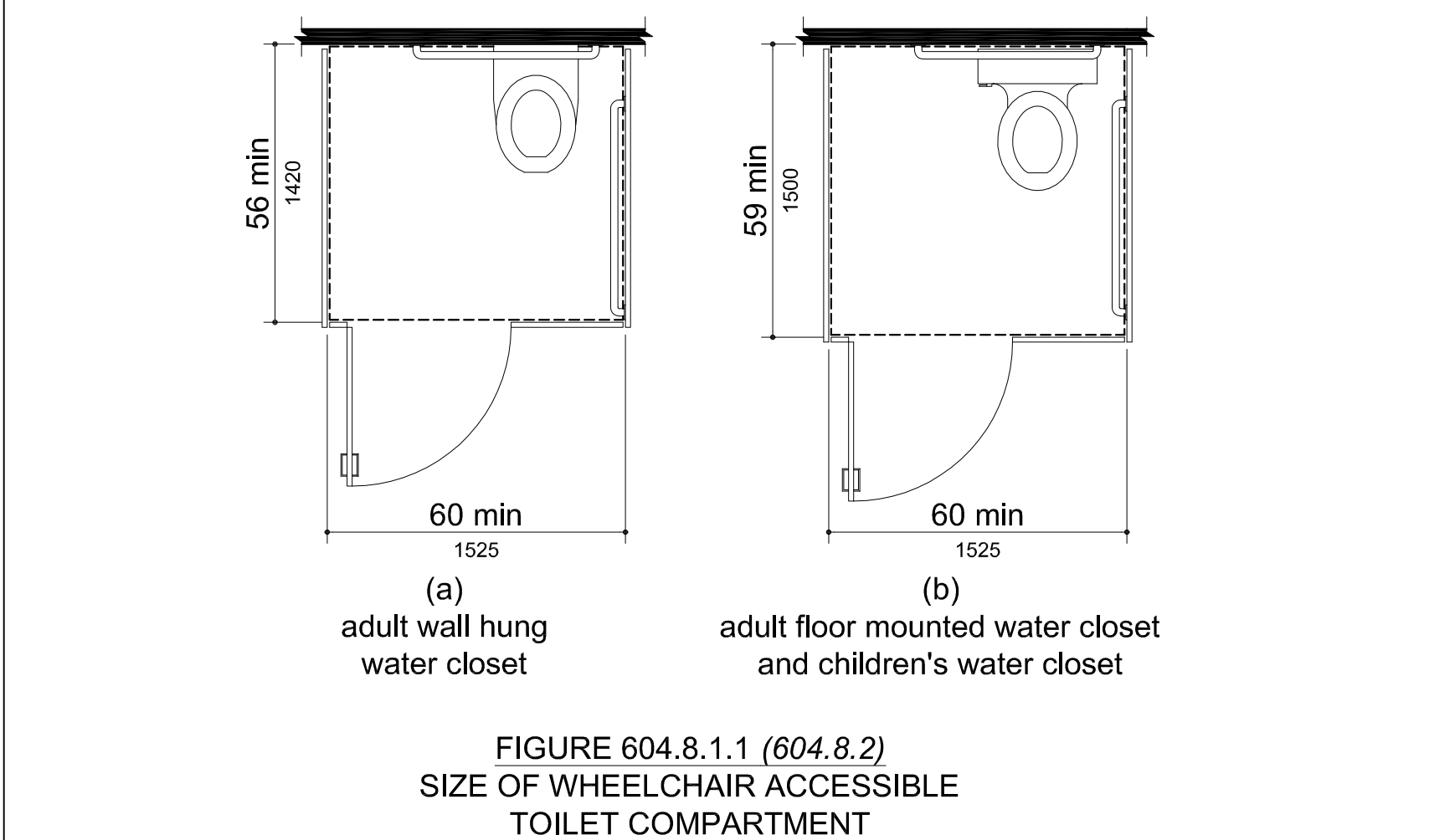


FIGURE 604.8.1.1 (604.8.2) SIZE OF WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT

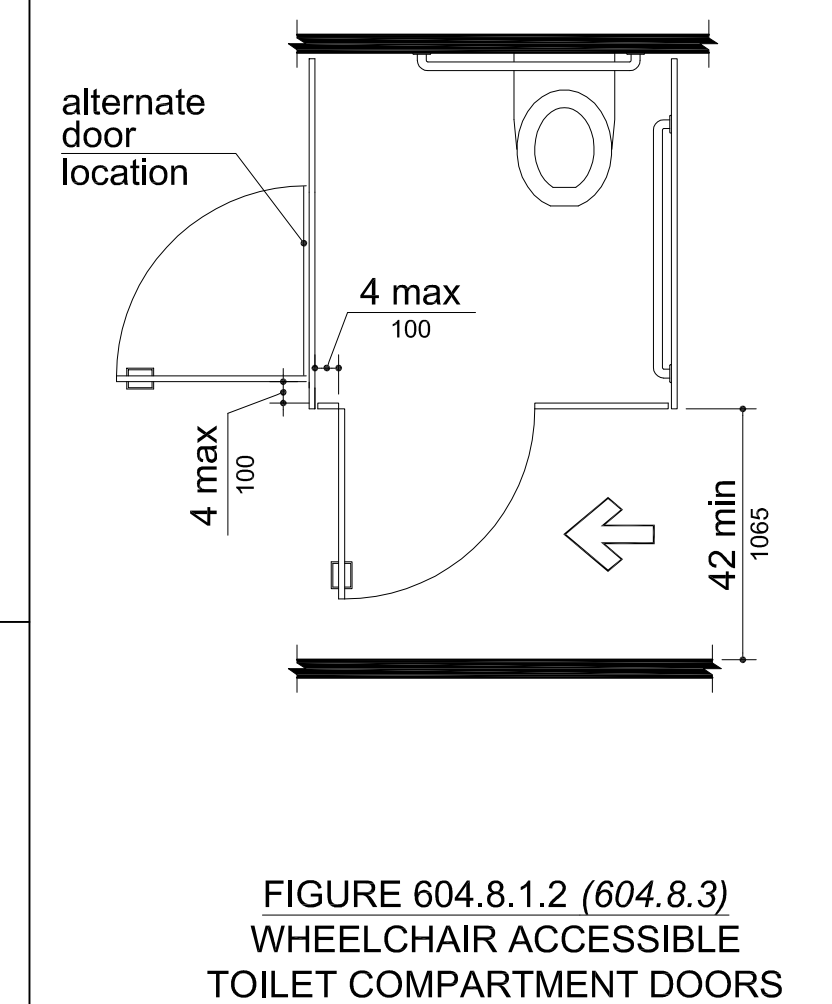


FIGURE 604.8.1.2 (604.8.3) WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DOORS

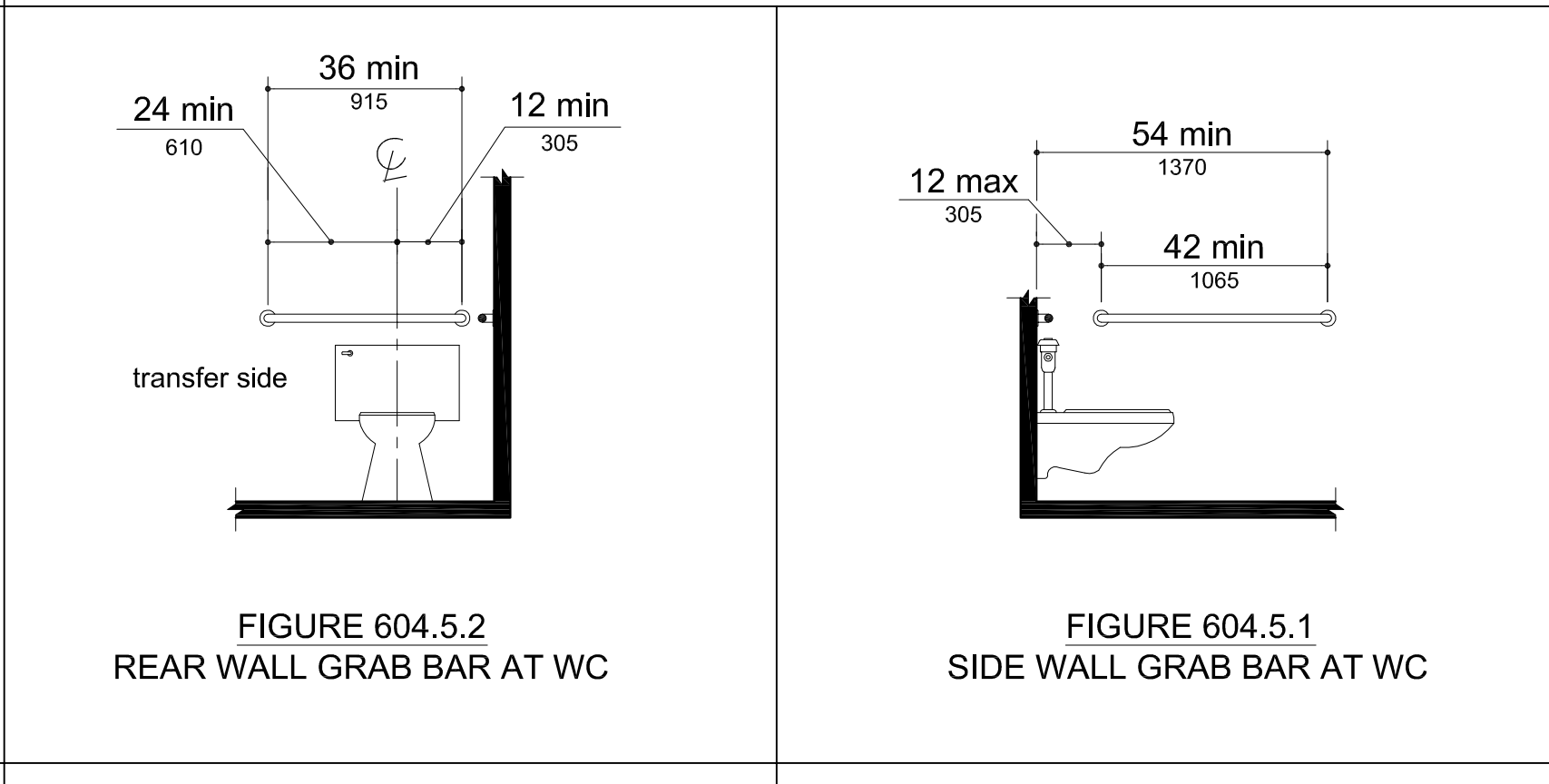


FIGURE 604.5.1 SIDE WALL GRAB BAR AT WC

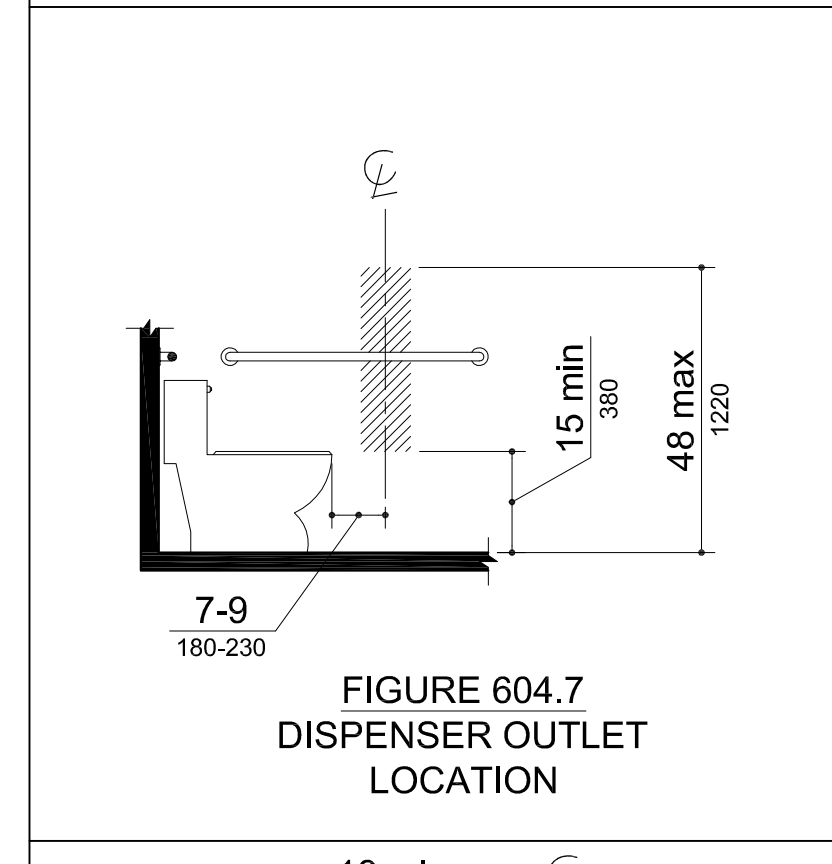


FIGURE 604.7 DISPENSER OUTLET LOCATION

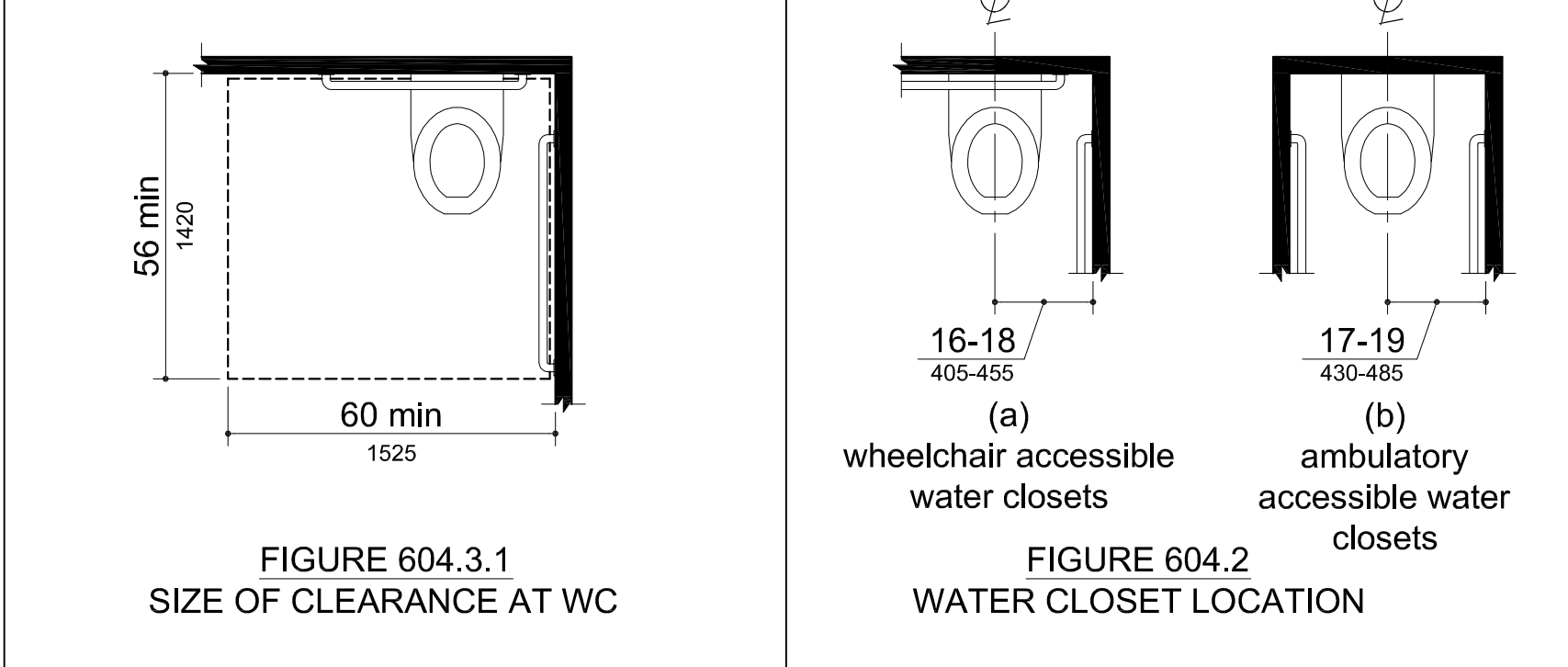


FIGURE 604.2 WATER CLOSET LOCATION

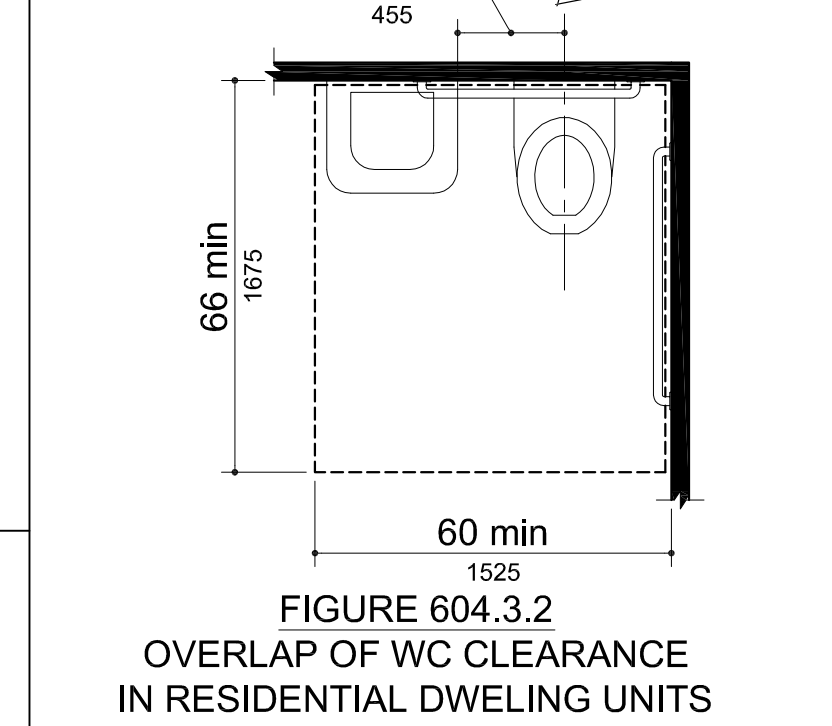


FIGURE 604.3.1 SIZE OF CLEARANCE AT WC

604 WATER CLOSETS AND TOILET COMPARTMENTS

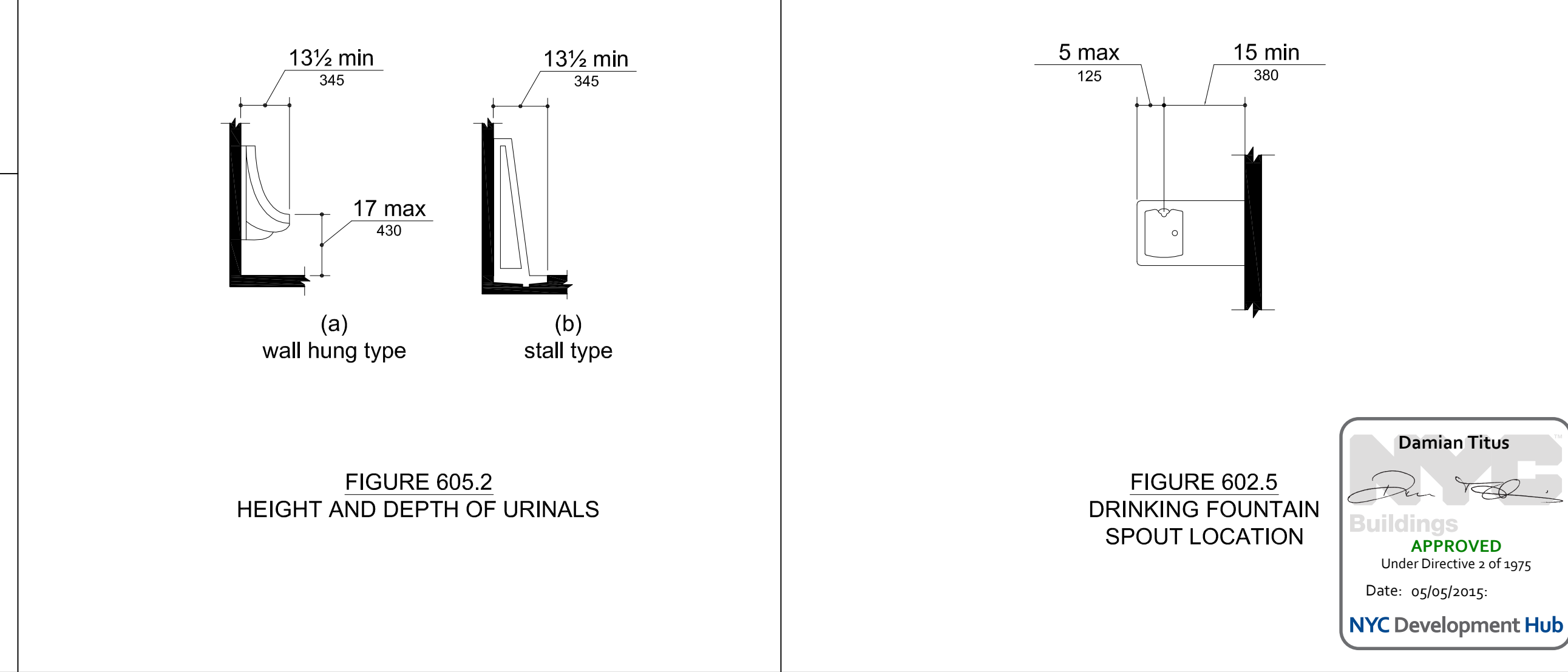


FIGURE 605.2 HEIGHT AND DEPTH OF URINALS

602 DRINKING FOUNTAINS

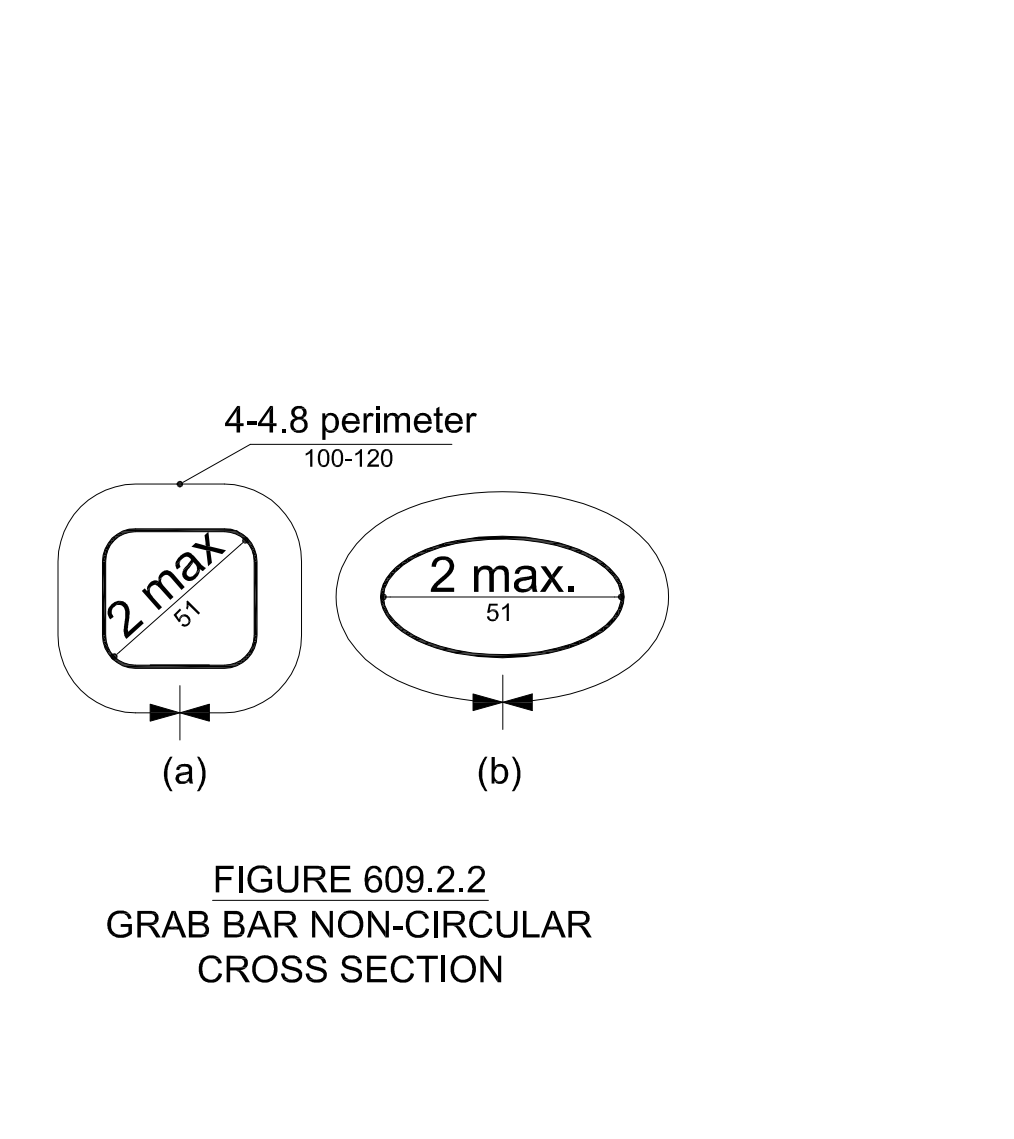


FIGURE 609.2.2 GRAB BAR NON-CIRCULAR CROSS SECTION

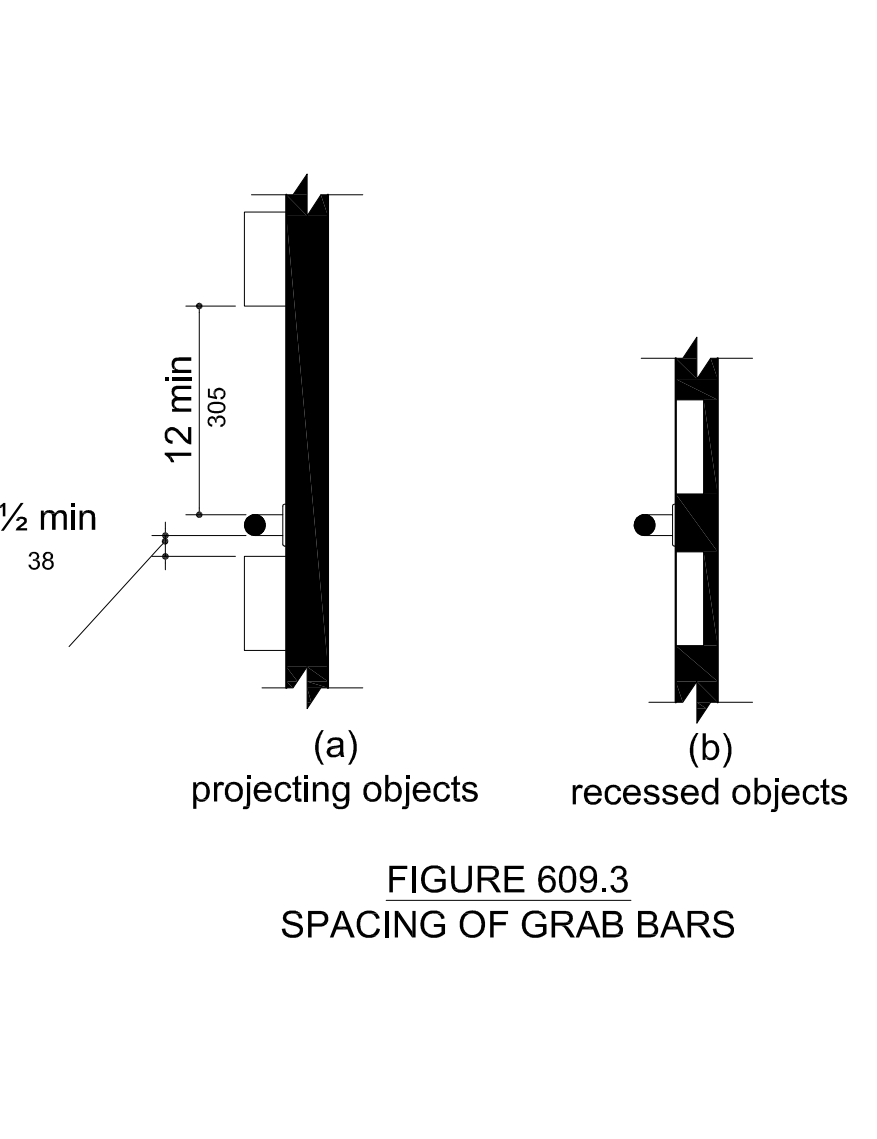


FIGURE 609.3 SPACING OF GRAB BARS

609 GRAB BARS

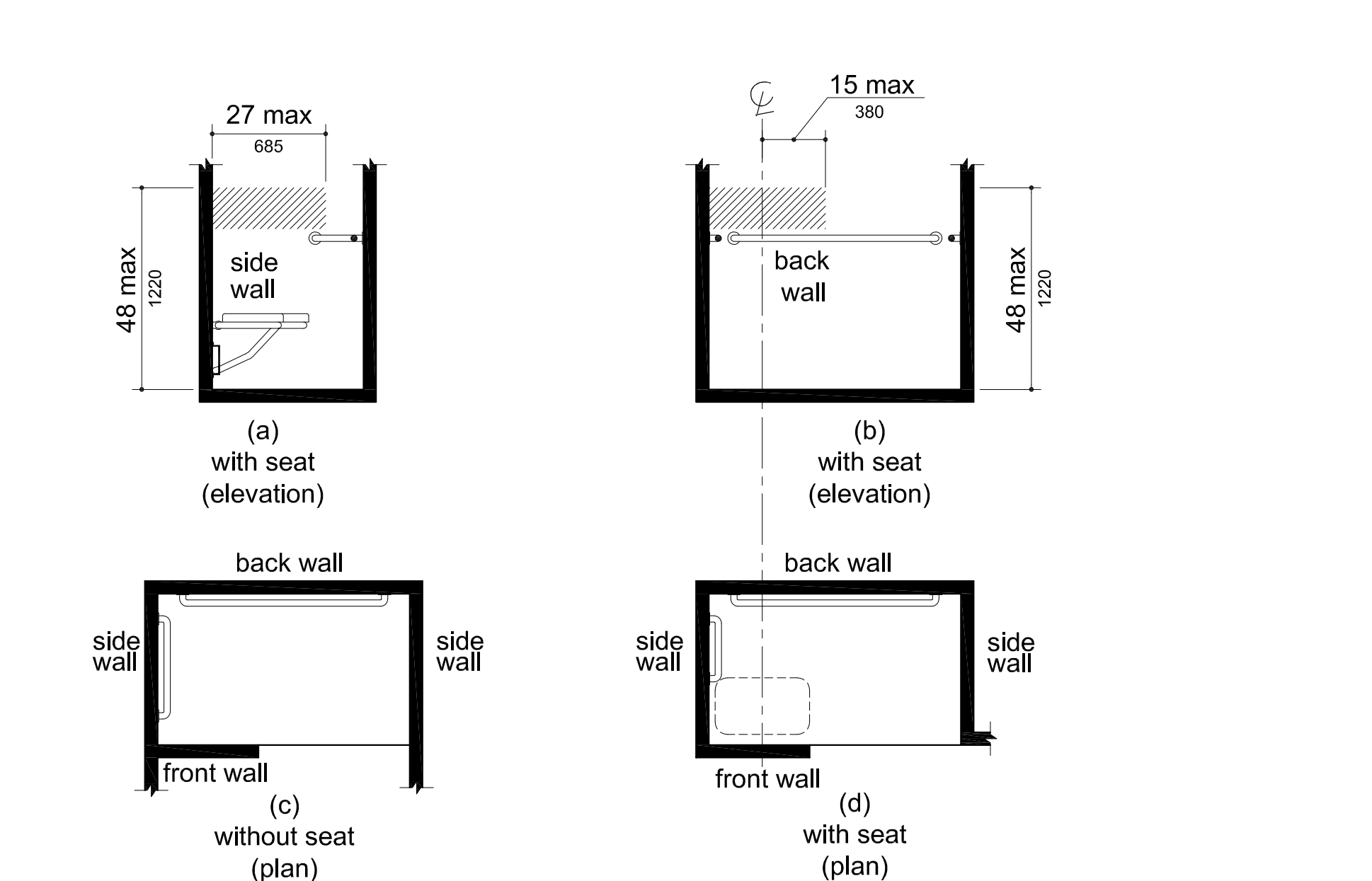


FIGURE 608.5.3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT CONTROL LOCATION

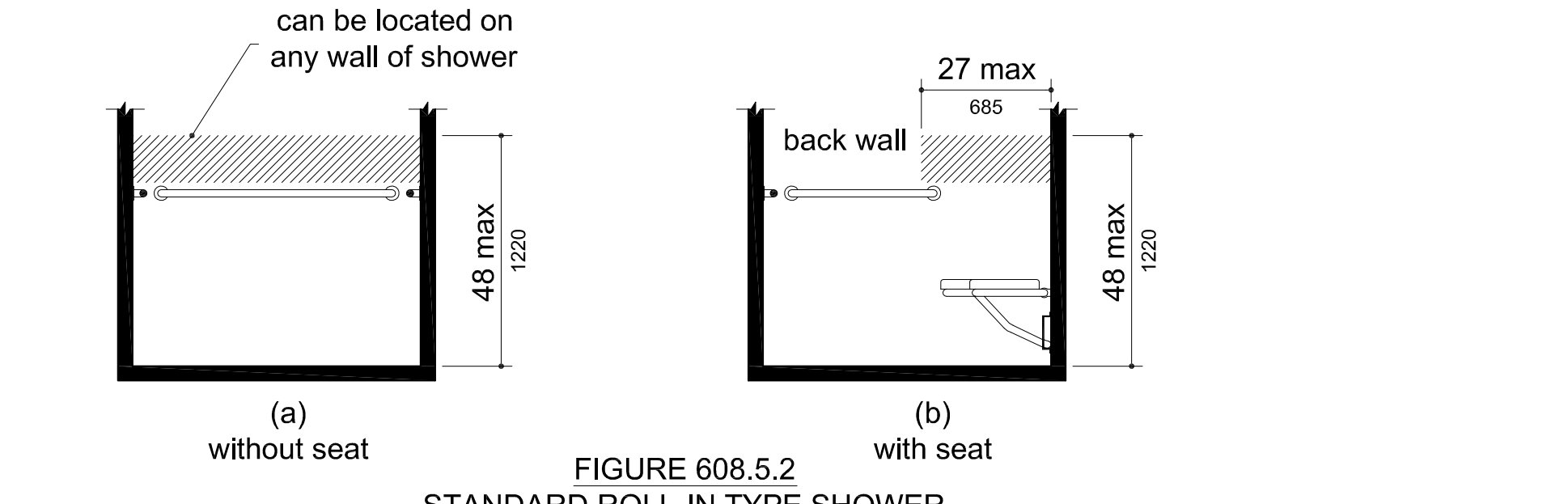


FIGURE 608.5.2 STANDARD ROLL-IN TYPE SHOWER COMPARTMENT CONTROL LOCATION

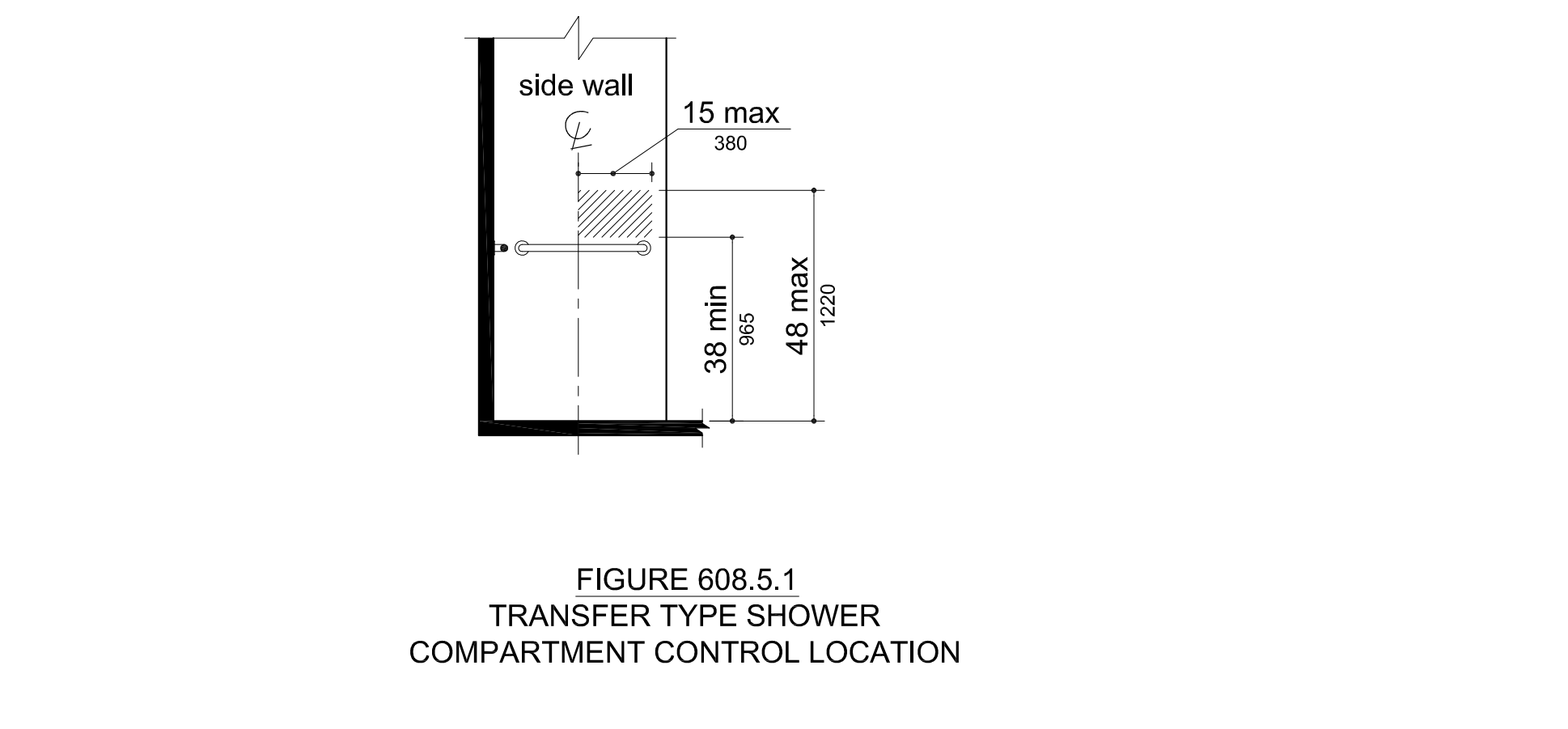


FIGURE 608.5.1 TRANSFER TYPE SHOWER COMPARTMENT CONTROL LOCATION

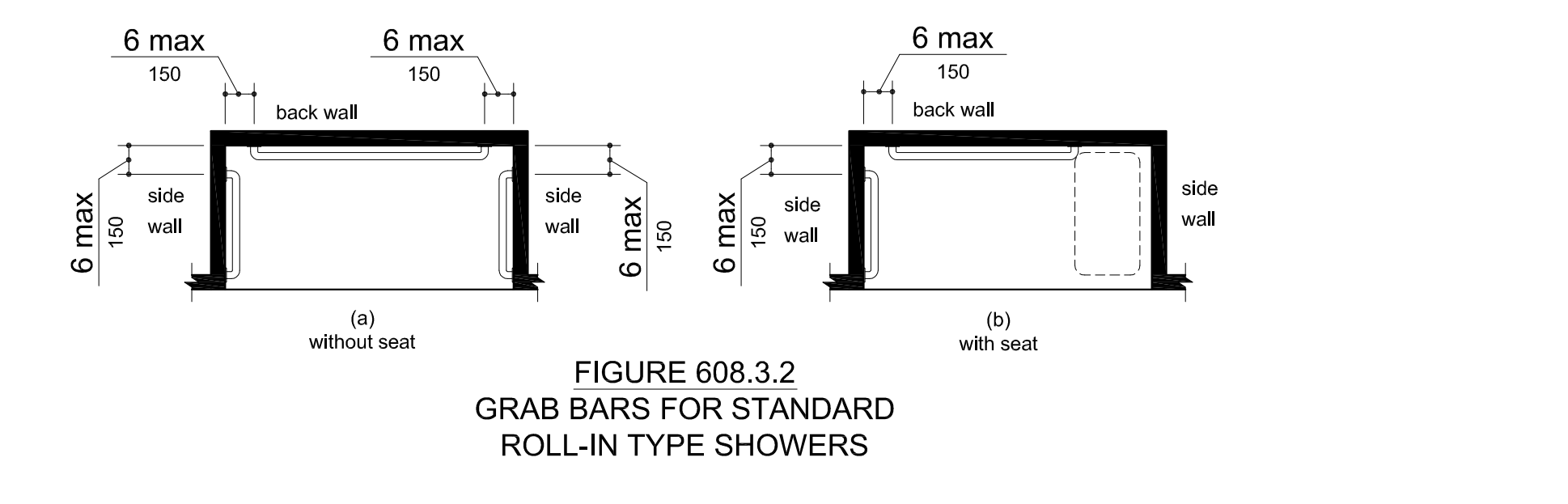


FIGURE 608.3.2 GRAB BARS FOR STANDARD ROLL-IN TYPE SHOWERS

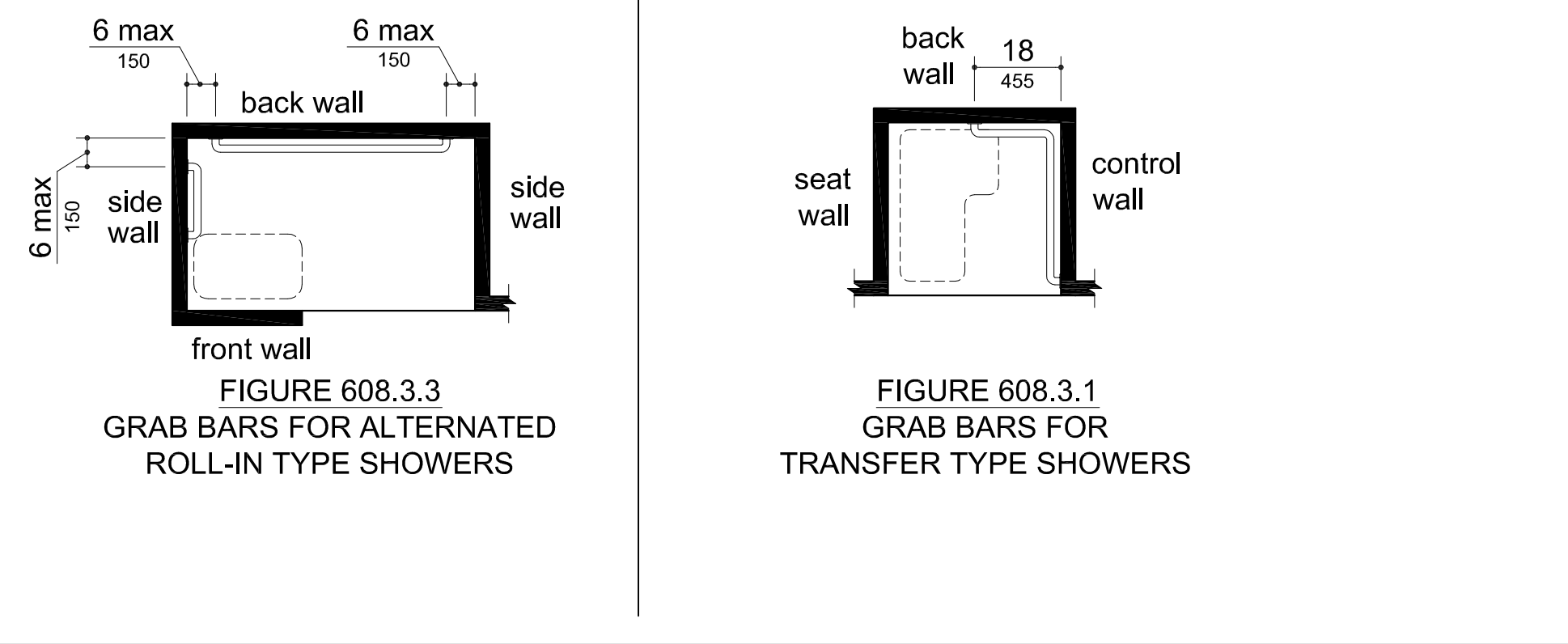


FIGURE 608.3.3 GRAB BARS FOR ALTERNATED ROLL-IN TYPE SHOWERS

608 SHOWER COMPARTMENTS (CONTINUED)

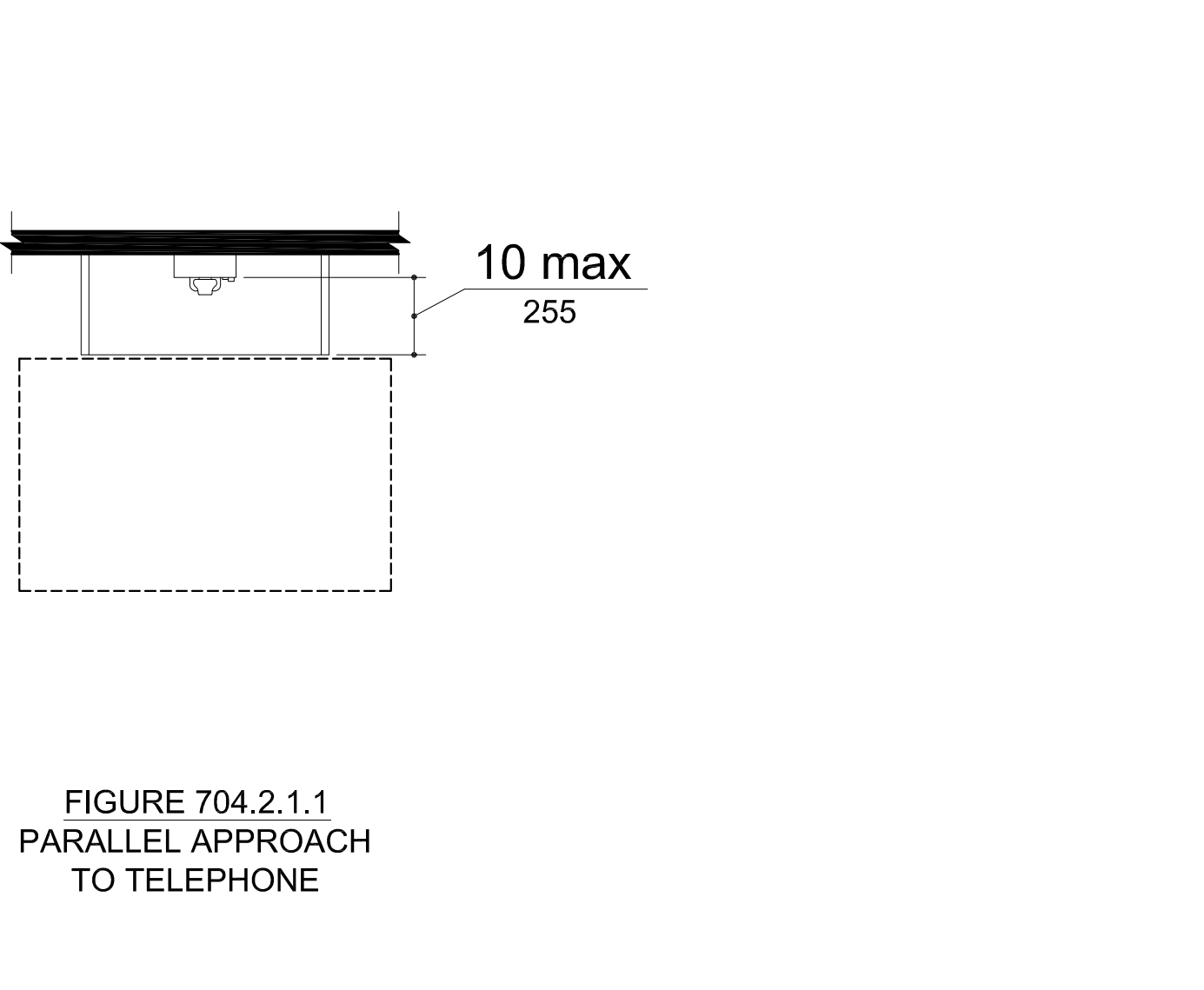


FIGURE 704.2.1.1 PARALLEL APPROACH TO TELEPHONE

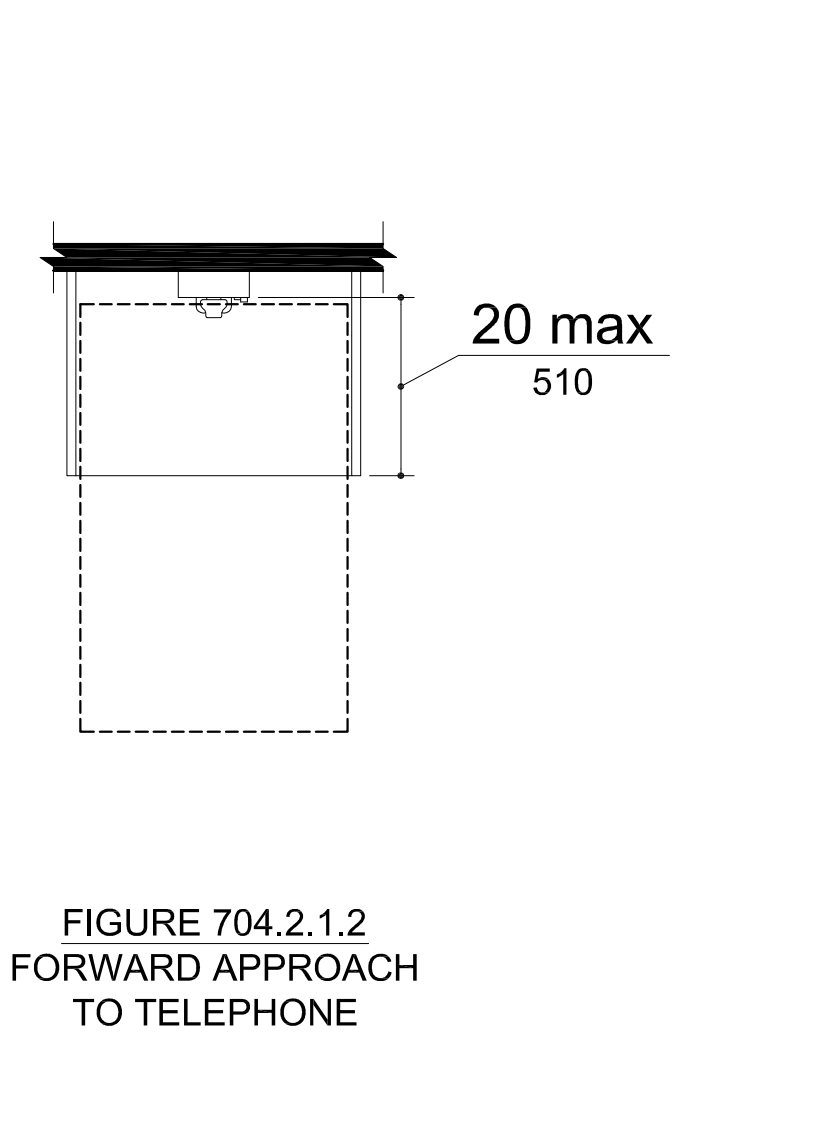


FIGURE 704.2.1.2 FORWARD APPROACH TO TELEPHONE

704 TELEPHONES

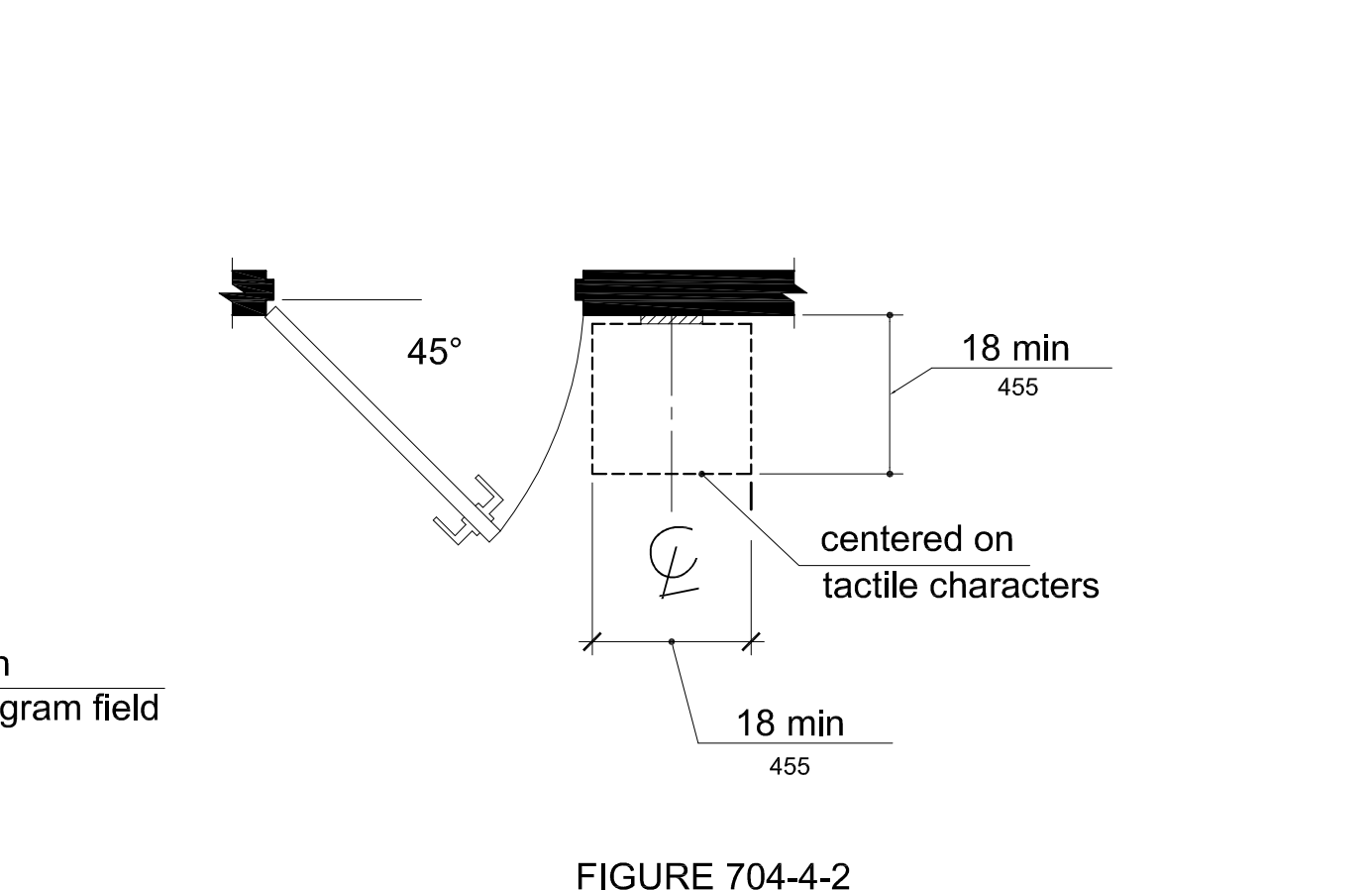


FIGURE 704-4-2 LOCATION OF TACTILE SIGNS AT DOORS

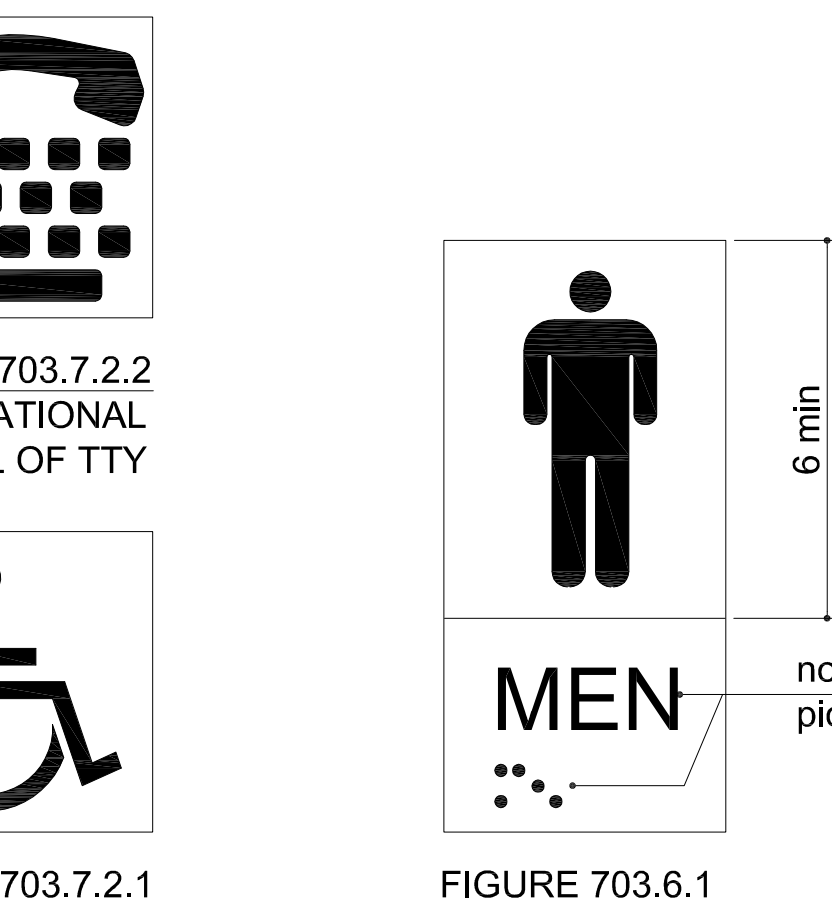


FIGURE 703.6.1 PICTOGRAM FIELD

703 SIGNS (CONTINUED)

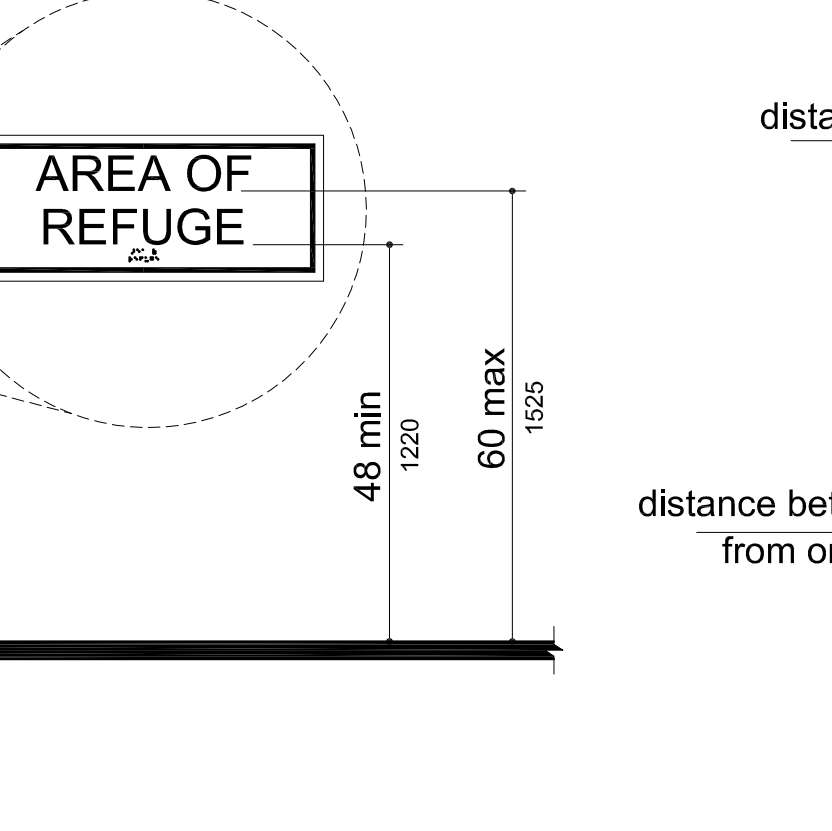


FIGURE 703.4.1 HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR GROUND

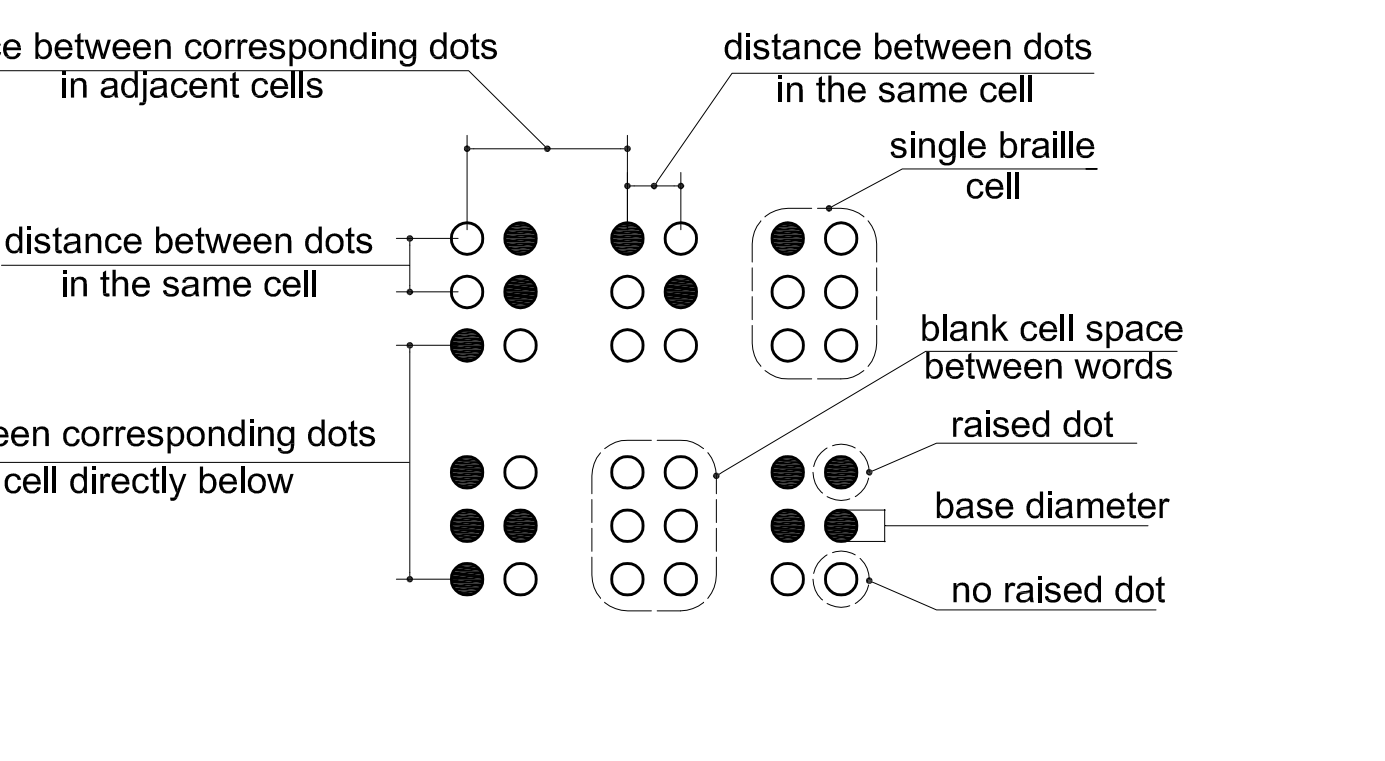


FIGURE 703.3.1 BRAILLE MEASUREMENT

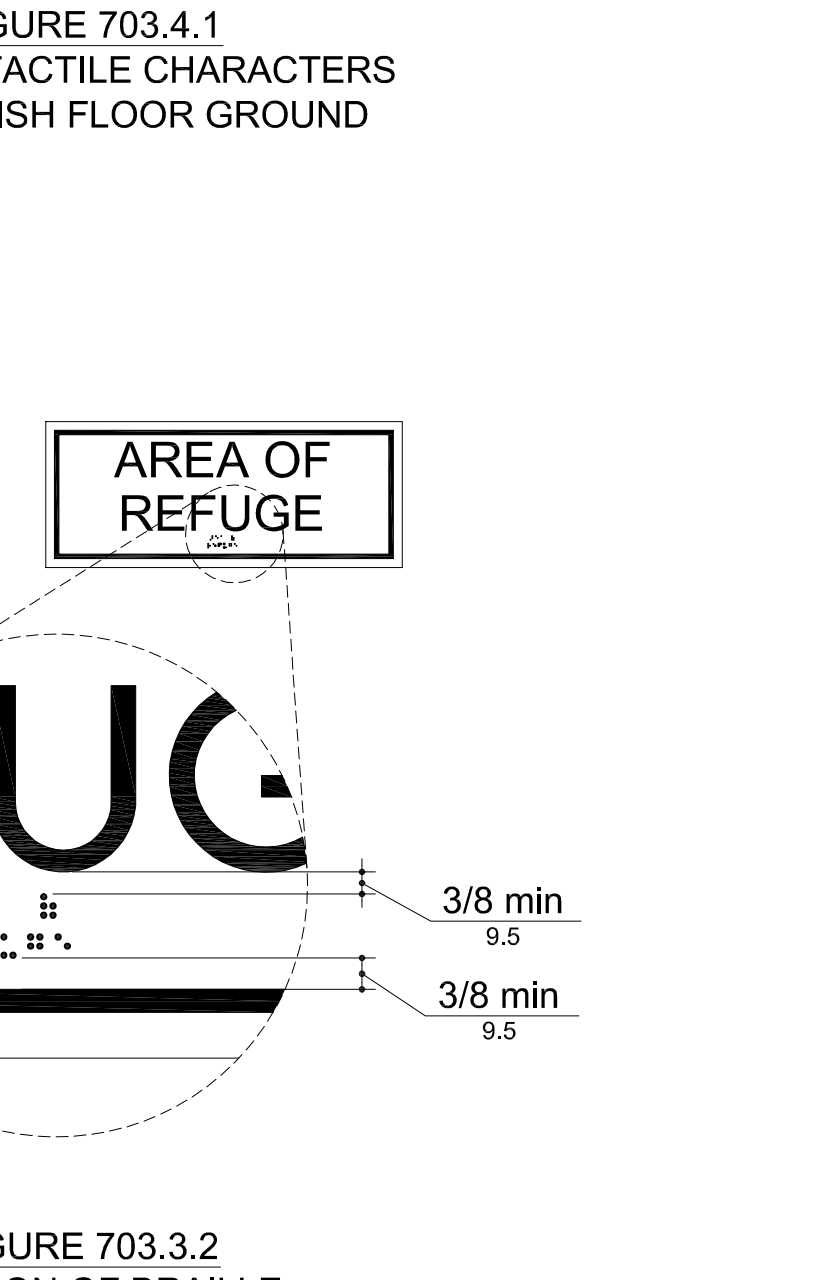


FIGURE 703.3.2 POSITION OF BRAILLE

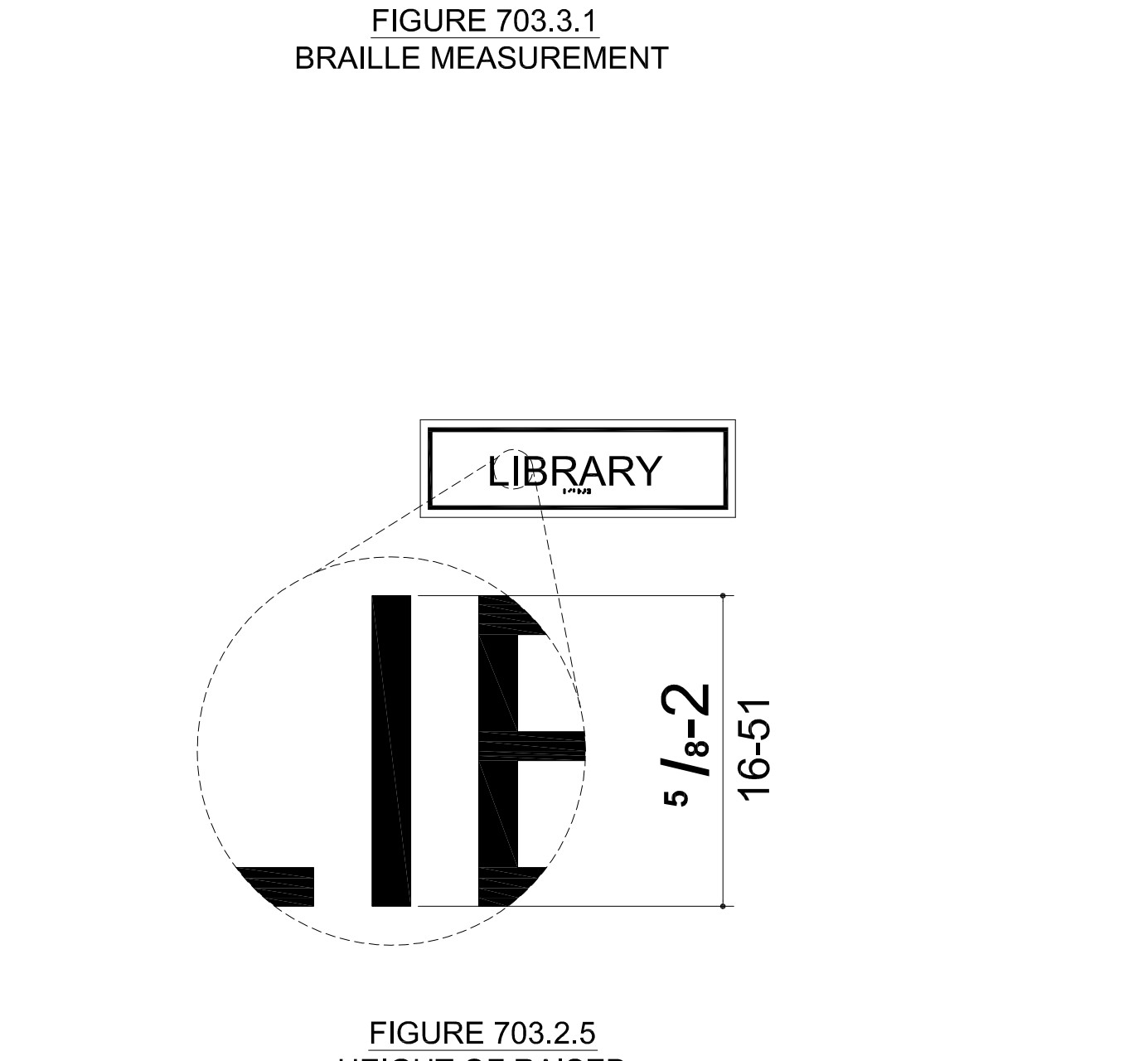


FIGURE 703.2.5 HEIGHT OF RAISED CHARACTERS

703 SIGNS

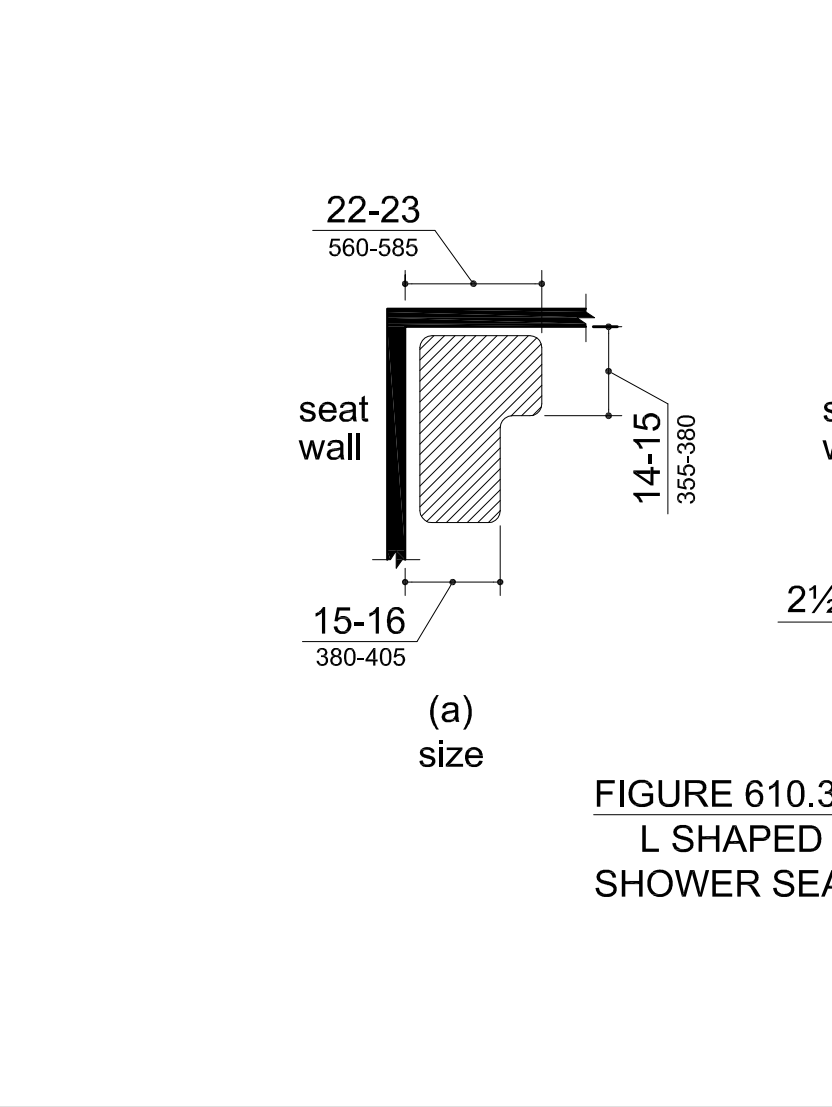


FIGURE 610.3 EXTENT OF SEAT

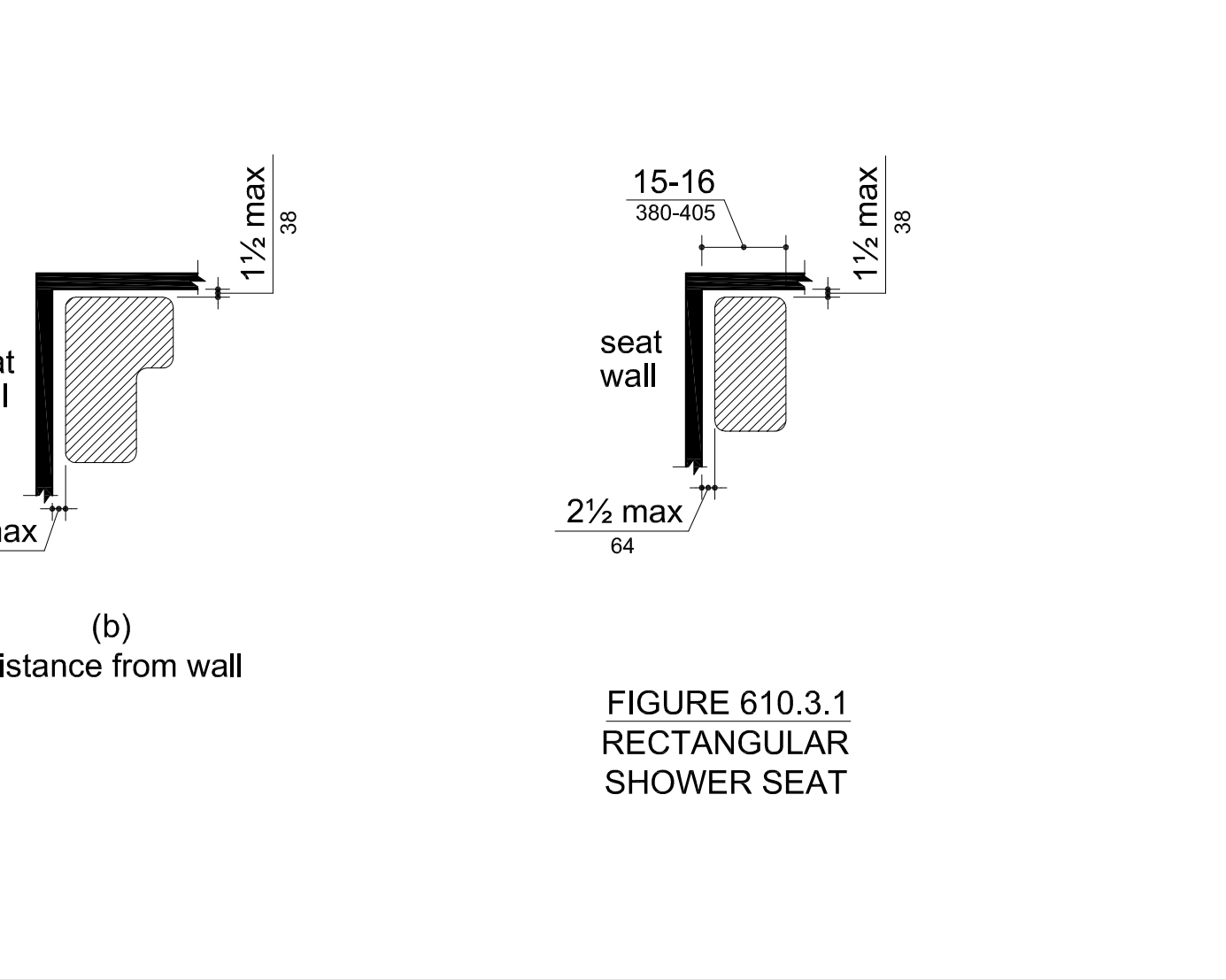


FIGURE 610.3.2 L SHAPED SHOWER SEAT

610 SEATS

605 URINALS

602 DRINKING FOUNTAINS

# FAIR HOUSING ACT (FHA) DESIGN GUIDELINE

**Purpose of FHA Guidelines**  
This design guideline has been produced by HUD to assist designers, builders, and developers in understanding and conforming with the design requirements of the Fair Housing Act. It contains explanations and visual illustrations to explain the application of the Guidelines to all aspects of multifamily housing projects.

The ANSII Standard A117.1 - 1998 is referenced as the accessibility standard for compliance in much of public and common use spaces of multifamily housing developments. The Guidelines also reference ANSII 4.1 - 1988 Standard (The American National Standard for Buildings and Facilities - Providing Accessibility Usability for Physically Handicapped People). Although referenced, the ANSII specifications are not mandated. Any ANSII citation in this manual refers to the 1998 ANSII 4.1 Standard and should be understood to mean that compliance with ANSII or any other similar accessibility standard that is equal to or more stringent than the ANSII 4.1 (1998) Standard would fulfill the requirements of the accessibility provisions of the Fair Housing Act.

**Definitions Used in the Guidelines:**

**Accessible** - When used with respect to the public and common use areas of a building containing covered multifamily dwelling units, means that the public or common use areas of the building can be approached, entered, and used by individuals with physical disabilities. The phrase "readily accessible to and usable by" is synonymous with accessible. A public or common use area that complies with the accessibility provisions of ANSII 4.1, a comparable standard, or the Guidelines is "accessible" within the meaning of this paragraph.

**Accessible route** - means a continuous and unobstructed path connecting accessible elements and spaces in a building or within a site that can be negotiated by a person with a severe disability using a wheelchair, and that is also safe for and usable by people with other disabilities. Interior accessible routes may include corridors, floors, ramps, and lifts. Exterior accessible routes may include parking access aisles, curbs, ramps, walks, and lifts. A route that complies with the accessibility requirements of ANSII 4.1, a comparable standard, or the Guidelines is an "accessible route." In the circumstances described in Requirements 1 and 2, "accessible route" may include access via a vehicular route.

**Adaptable dwelling unit** - when used with respect to covered multifamily dwellings, means dwelling units that include the features of adaptable design specified in 24 CFR 100.205(c) (2)(3).

**ANSI A117.1 - 1998** - means the 1998 edition of the American National Standard for buildings and facilities providing accessibility and usability for physically disabled people.

**Assistive device** - means an aid, tool, or instrument used by a person with disabilities to assist in activities of daily living. Examples of assistive devices include long-handled reachers, knee-brackets, and over-night pajamas.

**Bathroom** - means a bathroom which includes a water closet (toilet), lavatory (sink), and bathtub or shower. It does not include single-fixture facilities or those with only a water closet and lavatory. It does not include a compartmented bathroom. A compartmented bathroom is one in which the fixtures are distributed among interconnected rooms. A compartmented bathroom is considered a single unit and is subject to the Act's requirements for bathrooms.

**Building** - Means a structure, facility, or portion thereof that contains or serves one or more dwelling units.

**Building entrance on an accessible route** - Means an accessible entrance to a building that is connected by an accessible route to public transportation stops, to parking or passenger loading zones, or to public streets or sidewalks. A building entrance that complies with the requirements of this paragraph.

**Clear** - Means unobstructed.

**Common use areas** - Means rooms, spaces, or elements inside or outside of a building that are made available for the use of residents of a building or the guests thereof. These areas include hallways, lobbies, kitchen, laundry rooms, restrooms, mail rooms, recreational areas, and passageways among buildings. See Requirement 2 of these Guidelines.

**Covered multifamily dwellings** - Covered multifamily dwellings subject to the Fair Housing Amendments Act consist of four or more dwelling units if such building has one or more elevators, and ground floor dwelling units in other buildings consisting of four or more dwelling units. Dwelling units within a single structure separated by firewalls do not constitute separate buildings.

**Finished grade** - Means the ground surface of the site after all construction, leveling, grading, and development has been completed.

**First occupancy** - Means a building that has never before been used for any purpose. (Definition found in regulations at 24 CFR 100.201)

**Ground floor** - Means a floor of a building with a building entrance on an accessible route. A building may have one or more ground floors. Where the first floor containing dwelling units is above grade, all units on that floor must be served by a building entrance on an accessible route. This floor will be considered a ground floor.

**Lift** - An intermediate level bet. the floor & ceiling of any unit, located within a room or rooms of a dwelling.

**Multifamily dwelling unit** - Means a dwelling unit with finished living space located on one floor and/or floors immediately above or below it.

**Power room** - A room containing a toilet and a sink. (Definition found in Requirement 6 of the Guidelines.)

**Public use areas** - Means interior or exterior rooms or spaces of a building that are made available to the general public. Public use may be provided at a privately or publicly owned.

**Single-story dwelling unit** - Means a dwelling unit with all finished living space located on one floor.

**Site** - Means a parcel of land bounded by a property line or a designated portion of a public right-of-way.

**Slope** - means the relative steepness of the land between two points and is calculated as follows: The distance and elevation between the two points (e.g., an entrance and a passenger loading zone) are determined from a topographical map. The difference in elevation is divided by the distance and that fraction is multiplied by 100 to obtain a percentage slope figure. For example, if a principal entrance is ten feet from a passenger loading zone, and the principal entrance is raised one foot higher than the passenger loading zone, then the slope is 10/10 x 100 = 10%.

**Story** - means that portion of a dwelling unit between the upper surface of any floor and the upper surface of the floor next above it, or the roof of the unit. Within the context of dwelling units, the terms "story" and "floor" are synonymous.

**Undisturbed site** - means the site before any construction, leveling, grading, or development associated with the current project.

**Vehicular or pedestrian walkways** - means public or resident parking spaces, public transportation stops, passenger loading zones, and public streets or sidewalks.

**Vehicular route** - a route intended for vehicular traffic, such as a street, driveway, or parking lot.

## REQUIREMENT 1: ACCESSIBLE BUILDING ENTRANCE ON AN ACCESSIBLE ROUTE

**Building entrance on an accessible route** - means an accessible entrance to a building that is connected by an accessible route to public transportation stops, to parking or passenger loading zones, or to public streets or sidewalks. A building entrance that complies with the requirements of this paragraph.

**Accessible route** - means a continuous and unobstructed path connecting accessible elements and spaces in a building or within a site that can be negotiated by a person with a severe disability using a wheelchair, and that is also safe for and usable by people with other disabilities. Interior accessible routes may include corridors, floors, ramps, and lifts. Exterior accessible routes may include parking access aisles, curbs, ramps, walks, and lifts. A route that complies with the accessibility requirements of ANSII 4.1, a comparable standard, or the Guidelines is an "accessible route." In the circumstances described in Requirements 1 and 2, "accessible route" may include access via a vehicular route.

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**Building** - Means a structure, facility, or portion thereof that contains or serves one or more dwelling units.

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**Clear** - Means unobstructed.

**Common use areas** - Means rooms, spaces, or elements inside or outside of a building that are made available for the use of residents of a building or the guests thereof. These areas include hallways, lobbies, kitchen, laundry rooms, restrooms, mail rooms, recreational areas, and passageways among buildings. See Requirement 2 of these Guidelines.

**Covered multifamily dwellings** - Covered multifamily dwellings subject to the Fair Housing Amendments Act consist of four or more dwelling units if such building has one or more elevators, and ground floor dwelling units in other buildings consisting of four or more dwelling units. Dwelling units within a single structure separated by firewalls do not constitute separate buildings.

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**Lift** - An intermediate level bet. the floor & ceiling of any unit, located within a room or rooms of a dwelling.

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**Power room** - A room containing a toilet and a sink. (Definition found in Requirement 6 of the Guidelines.)

**Public use areas** - Means interior or exterior rooms or spaces of a building that are made available to the general public. Public use may be provided at a privately or publicly owned.

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**Site** - Means a parcel of land bounded by a property line or a designated portion of a public right-of-way.

**Slope** - means the relative steepness of the land between two points and is calculated as follows: The distance and elevation between the two points (e.g., an entrance and a passenger loading zone) are determined from a topographical map. The difference in elevation is divided by the distance and that fraction is multiplied by 100 to obtain a percentage slope figure. For example, if a principal entrance is ten feet from a passenger loading zone, and the principal entrance is raised one foot higher than the passenger loading zone, then the slope is 10/10 x 100 = 10%.

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**Undisturbed site** - means the site before any construction, leveling, grading, or development associated with the current project.

**Vehicular or pedestrian walkways** - means public or resident parking spaces, public transportation stops, passenger loading zones, and public streets or sidewalks.

**Vehicular route** - a route intended for vehicular traffic, such as a street, driveway, or parking lot.

## REQUIREMENT 2: ACCESSIBLE AND USABLE PUBLIC AND COMMON AREAS

**Passenger Loading Zones.**  
Passenger loading zones must have a large clear pedestrian access aisle connected by an accessible route to accessible building entrances. They also must have sufficient headroom to clear buses or vans with high roofs. See ANSII 4.6 and Notes 2 and 3 below.

**Overhanging Objects.**  
Overhanging objects or other elements that overhang passenger loading zones must be kept high enough to clear buses or vans with high roofs. See ANSII 4.6.

**Accessible Route.**  
Accessible routes must connect accessible transportation stops, parking spaces, passenger loading zones, and public streets and sidewalks within the boundaries of the site to accessible entrances. See ANSII 4.3, Note 6, and page 2.15.

**Accessible Entrance.**  
Doors along accessible routes must meet ANSII 4.13. See Requirement 1.

**Revolving Doors.**  
Revolving doors generally cannot meet the requirements of ANSII 4.13, and therefore, cannot be the only means of passage at an accessible entrance or an accessible route.

**Accessible Route.**  
An accessible route must connect accessible building or facility entrances with accessible spaces and elements within the building or facility, including accessible (covered) outdoor units. See also ANSII 4.3, Note 3, and page 2.15.

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**Vehicular route** - a route intended for vehicular traffic, such as a street, driveway, or parking lot.

## Tolerant Rooms, Bathrooms, Bathing Facilities, and Shower Rooms.

Where toilet rooms and bathing facilities are provided for public use or common use of residents, at least one fixture of each type provided must be accessible per room. See page 2.28 and ANSII 4.22. If related features are provided, such as lockers, at least one of each type must be accessible and comply with applicable ANSII specifications including 4.2 Space Allowances and Reach Ranges, 4.25 Controls and Operating Mechanisms, and 4.23 Storage.

**Three Types of Toilet Stalls.**  
The ANSII Standard allows considerable flexibility in the size and layout of toilet rooms. There are three types of accessible toilet stalls for use by people with different disabilities. The narrow stall is 36 inches wide and varies in length, depending on whether it has a floor-mounted or wall-mounted toilet. This stall was originally intended for people who walk with difficulty, many of whom use crutches and braces and who need grab bars to steady themselves when sitting down and standing up. Such people generally have good upper body strength, a characteristic not always true of people who use wheelchairs. This 36-inch wide stall, although space efficient, does not work well for many people who use wheelchairs.

**Accessible Route.**  
An accessible route must connect accessible building or facility entrances with accessible spaces and elements within the building or facility, including accessible (covered) outdoor units. See also ANSII 4.3, Note 3, and page 2.15.

**Accessible Entrance.**  
Doors along accessible routes must meet ANSII 4.13. See Requirement 1.

**Revolving Doors.**  
Revolving doors generally cannot meet the requirements of ANSII 4.13, and therefore, cannot be the only means of passage at an accessible entrance or an accessible route.

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**Bathroom** - means a bathroom which includes a water closet (toilet), lavatory (sink), and bathtub or shower. It does not include single-fixture facilities or those with only a water closet and lavatory. It does not include a compartmented bathroom. A compartmented bathroom is one in which the fixtures are distributed among interconnected rooms. A compartmented bathroom is considered a single unit and is subject to the Act's requirements for bathrooms.

**Building** - Means a structure, facility, or portion thereof that contains or serves one or more dwelling units.

**Building entrance on an accessible route** - Means an accessible entrance to a building that is connected by an accessible route to public transportation stops, to parking or passenger loading zones, or to public streets or sidewalks. A building entrance that complies with the requirements of this paragraph.

**Clear** - Means unobstructed.

**Common use areas** - Means rooms, spaces, or elements inside or outside of a building that are made available for the use of residents of a building or the guests thereof. These areas include hallways, lobbies, kitchen, laundry rooms, restrooms, mail rooms, recreational areas, and passageways among buildings. See Requirement 2 of these Guidelines.

**Covered multifamily dwellings** - Covered multifamily dwellings subject to the Fair Housing Amendments Act consist of four or more dwelling units if such building has one or more elevators, and ground floor dwelling units in other buildings consisting of four or more dwelling units. Dwelling units within a single structure separated by firewalls do not constitute separate buildings.

**Finished grade** - Means the ground surface of the site after all construction, leveling, grading, and development has been completed.

**First occupancy** - Means a building that has never before been used for any purpose. (Definition found in regulations at 24 CFR 100.201)

**Ground floor** - Means a floor of a building with a building entrance on an accessible route. A building may have one or more ground floors. Where the first floor containing dwelling units is above grade, all units on that floor must be served by a building entrance on an accessible route. This floor will be considered a ground floor.

**Lift** - An intermediate level bet. the floor & ceiling of any unit, located within a room or rooms of a dwelling.

**Multifamily dwelling unit** - Means a dwelling unit with finished living space located on one floor and/or floors immediately above or below it.

**Power room** - A room containing a toilet and a sink. (Definition found in Requirement 6 of the Guidelines.)

**Public use areas** - Means interior or exterior rooms or spaces of a building that are made available to the general public. Public use may be provided at a privately or publicly owned.

**Single-story dwelling unit** - Means a dwelling unit with all finished living space located on one floor.

**Site** - Means a parcel of land bounded by a property line or a designated portion of a public right-of-way.

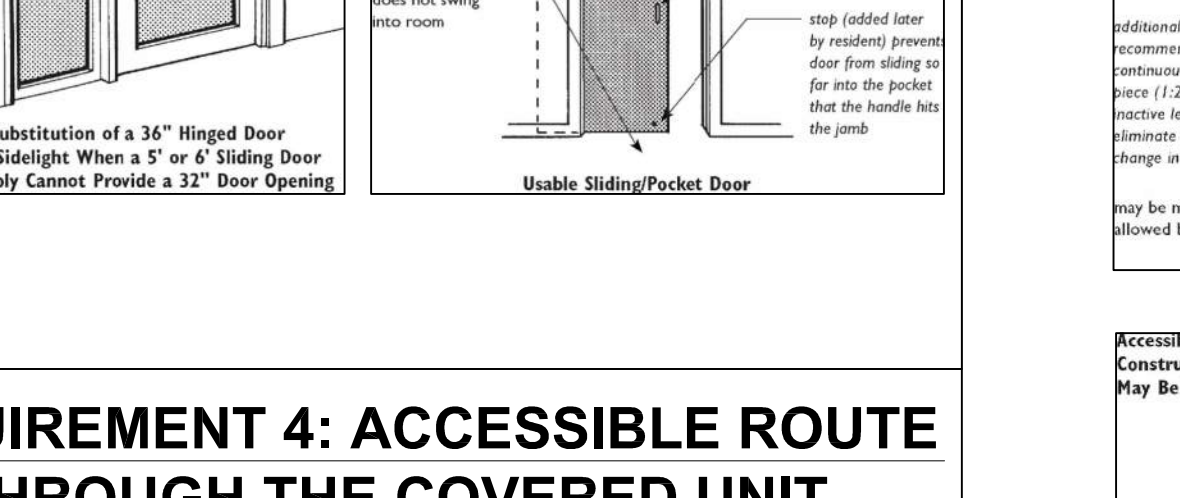
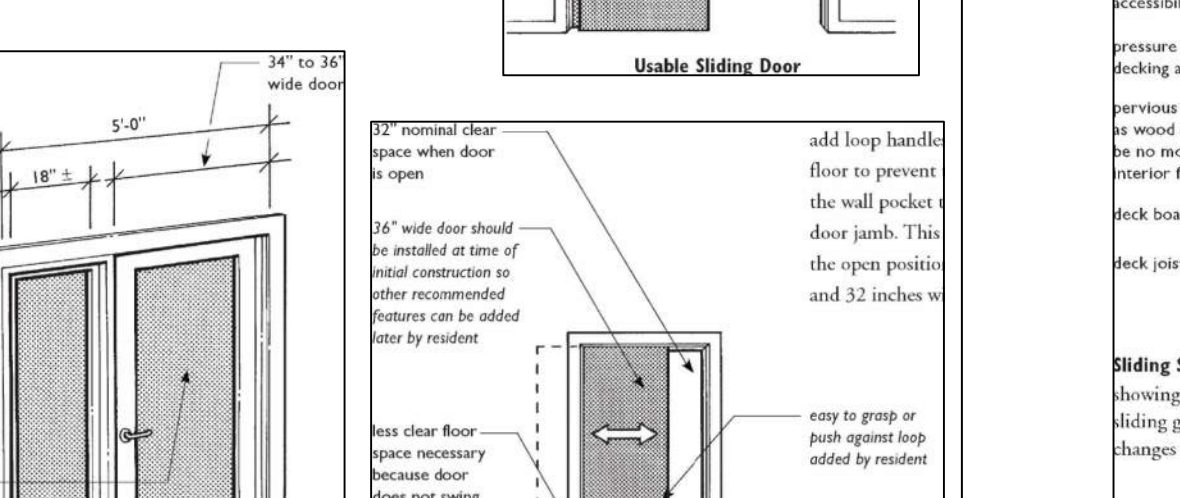
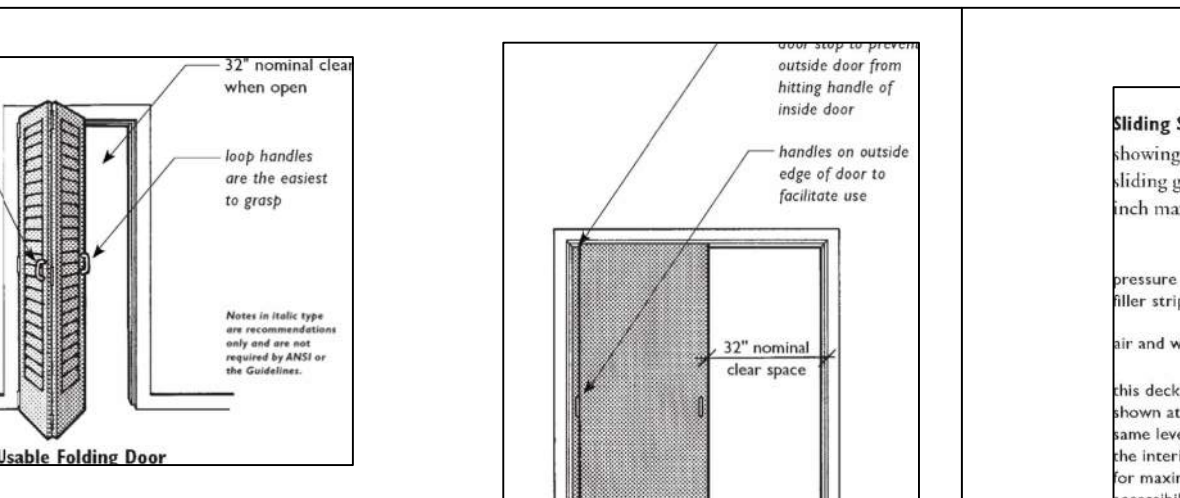
**Slope** - means the relative steepness of the land between two points and is calculated as follows: The distance and elevation between the two points (e.g., an entrance and a passenger loading zone) are determined from a topographical map. The difference in elevation is divided by the distance and that fraction is multiplied by 100 to obtain a percentage slope figure. For example, if a principal entrance is ten feet from a passenger loading zone, and the principal entrance is raised one foot higher than the passenger loading zone, then the slope is 10/10 x 100 = 10%.

**Story** - means that portion of a dwelling unit between the upper surface of any floor and the upper surface of the floor next above it, or the roof of the unit. Within the context of dwelling units, the terms "story" and "floor" are synonymous.

**Undisturbed site** - means the site before any construction, leveling, grading, or development associated with the current project.

**Vehicular or pedestrian walkways** - means public or resident parking spaces, public transportation stops, passenger loading zones, and public streets or sidewalks.

**Vehicular route** - a route intended for vehicular traffic, such as a street, driveway, or parking lot.

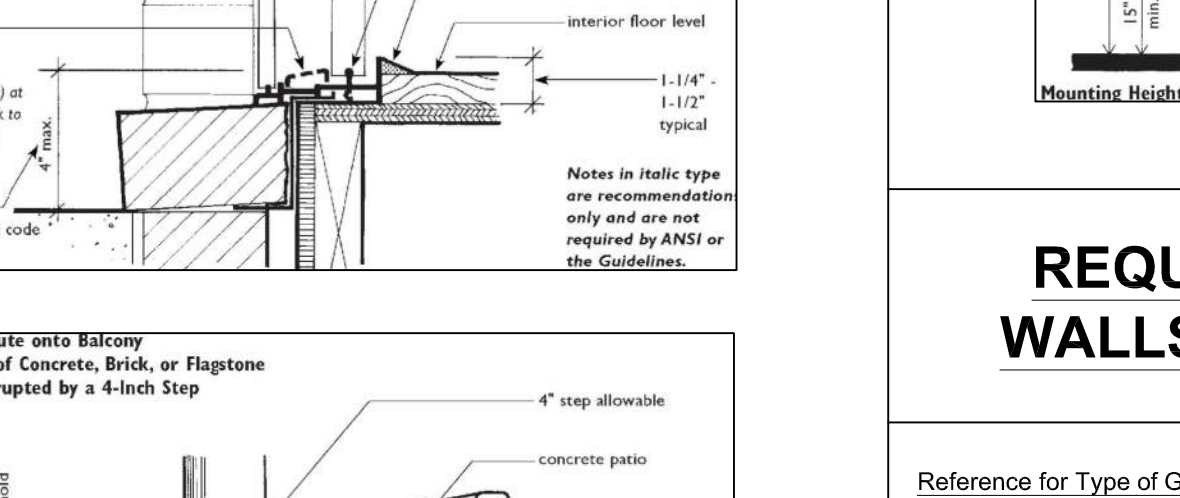
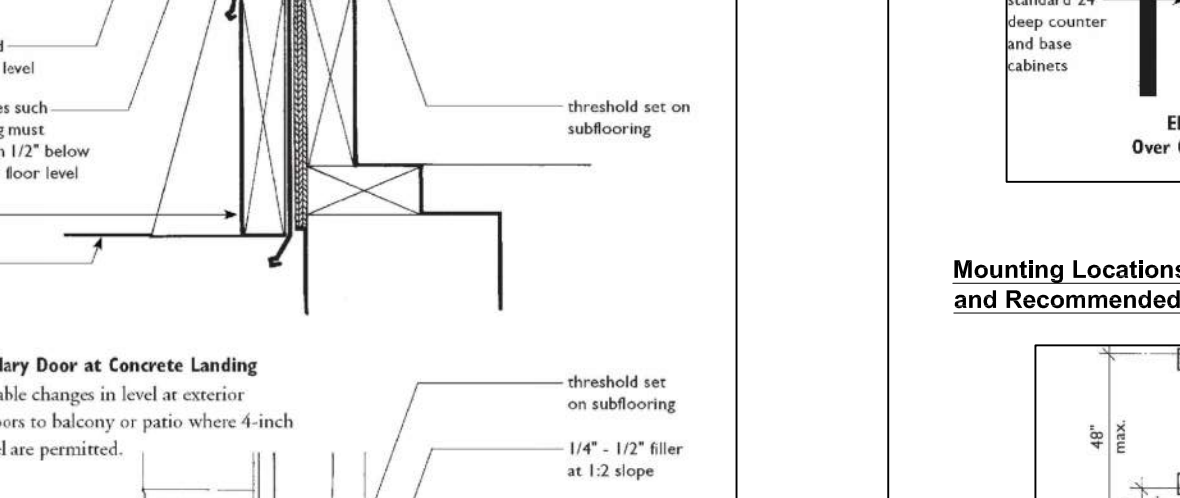
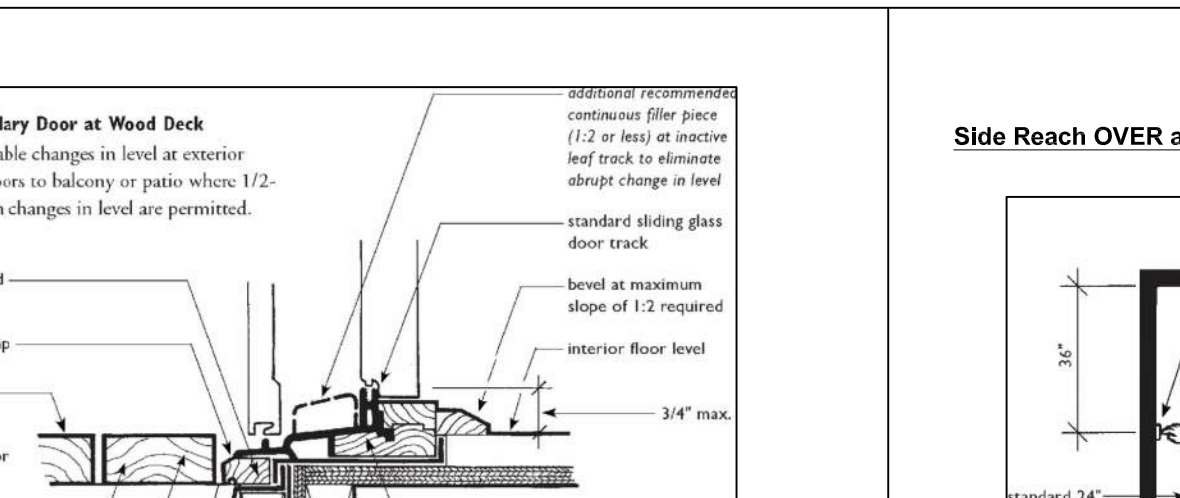
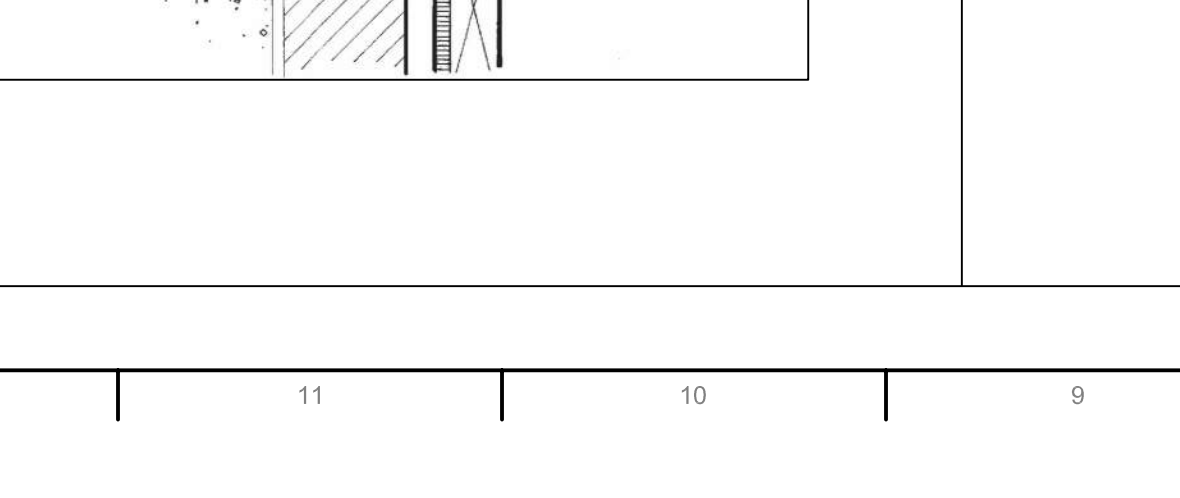
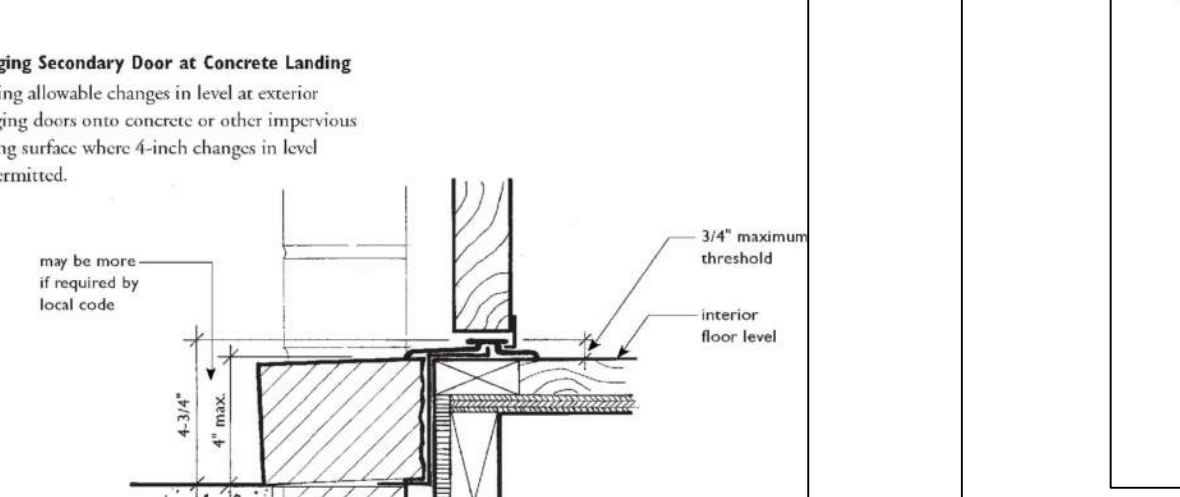
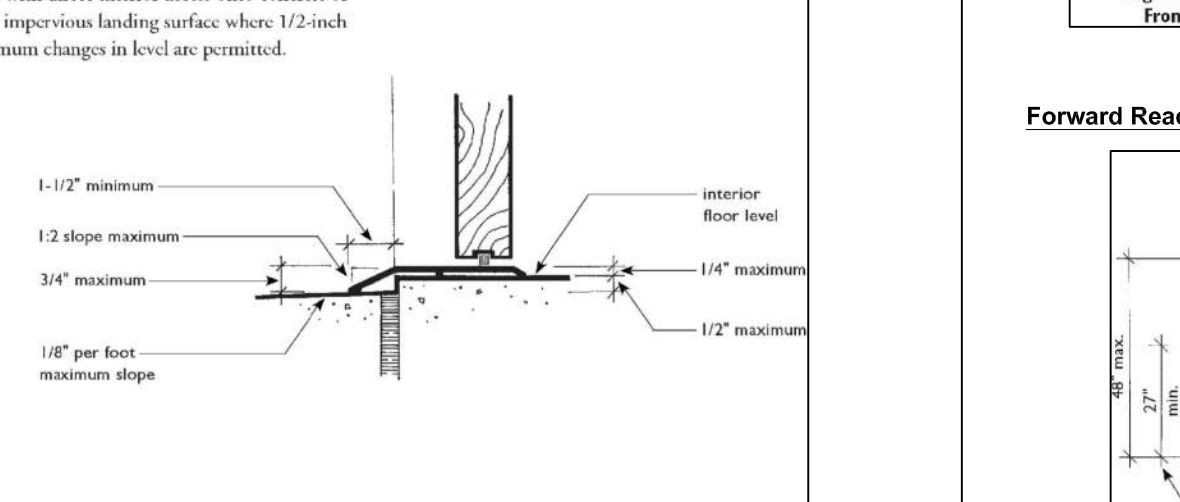
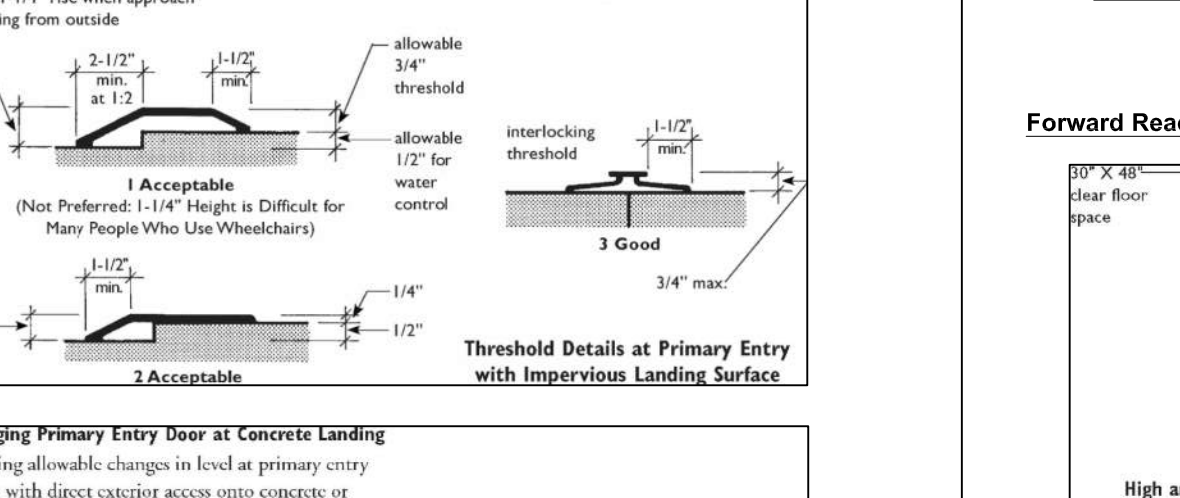
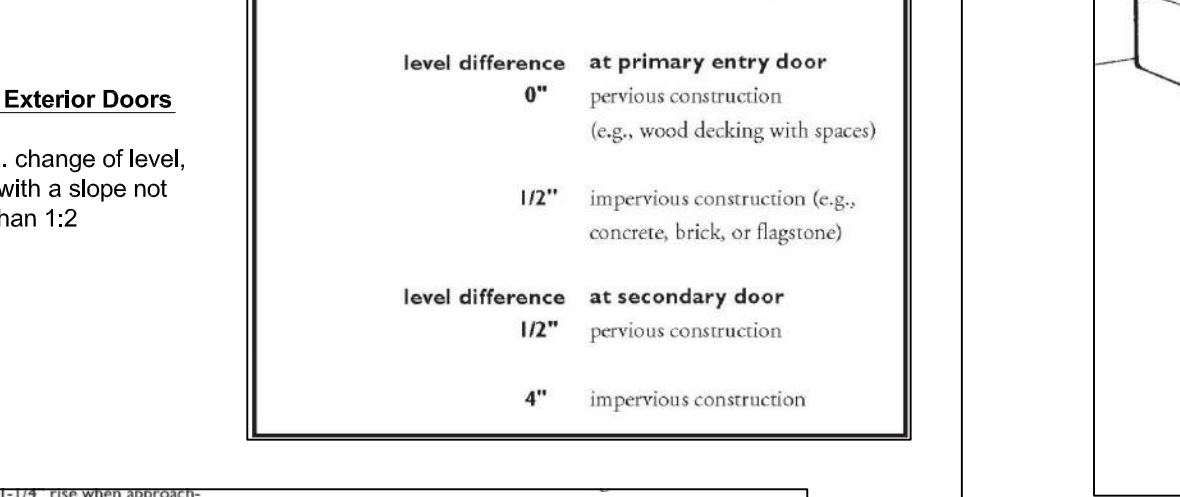
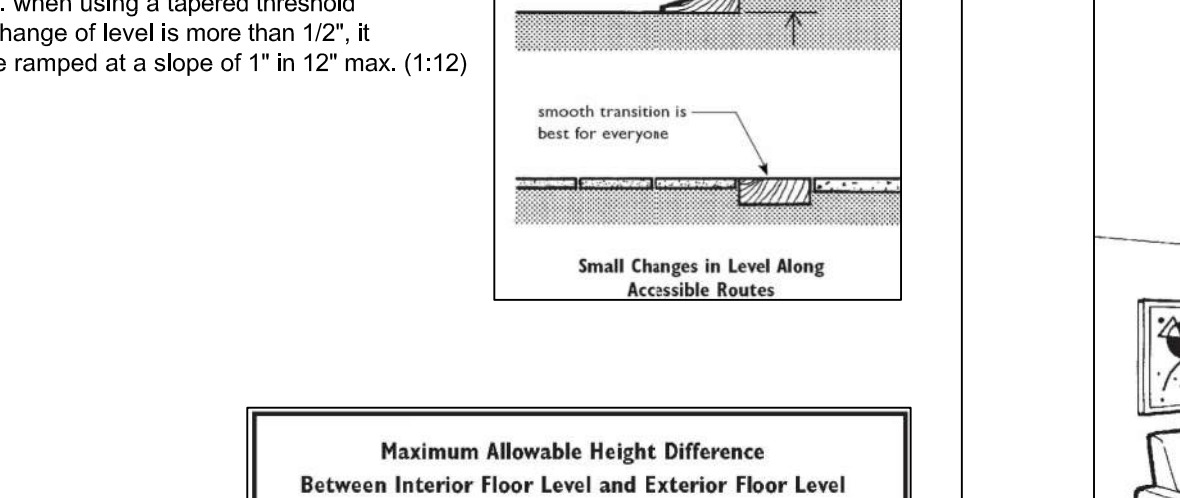
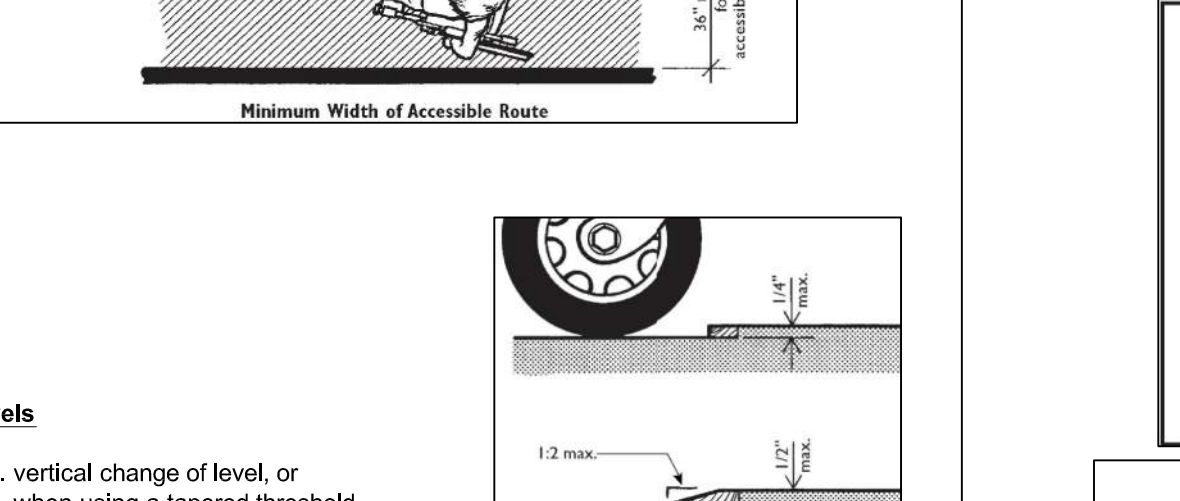
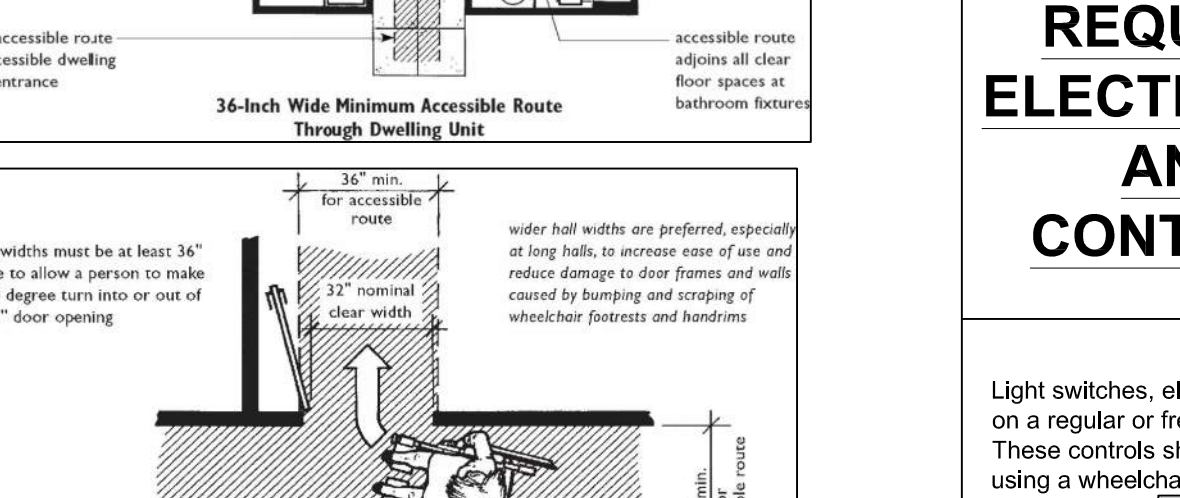
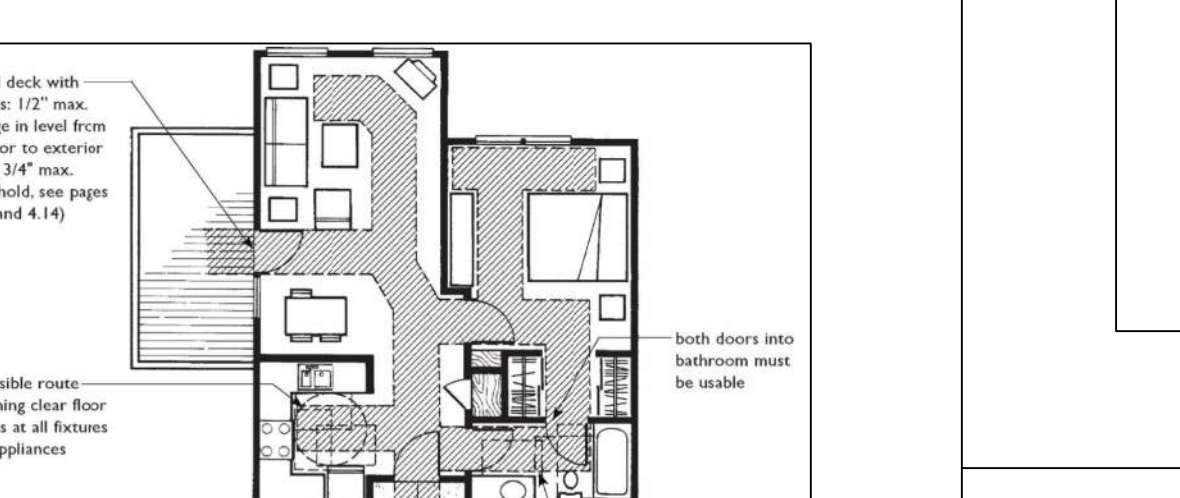


## REQUIREMENT 4: ACCESSIBLE ROUTE THROUGH THE COVERED UNIT

An accessible route must be provided into and throughout the entire covered dwelling unit. The accessible route must pass through the main entry door, continue through all rooms in the unit, adjust required clear floor spaces at all kitchen appliances and all bathroom fixtures, and connect with all secondary exterior doors.

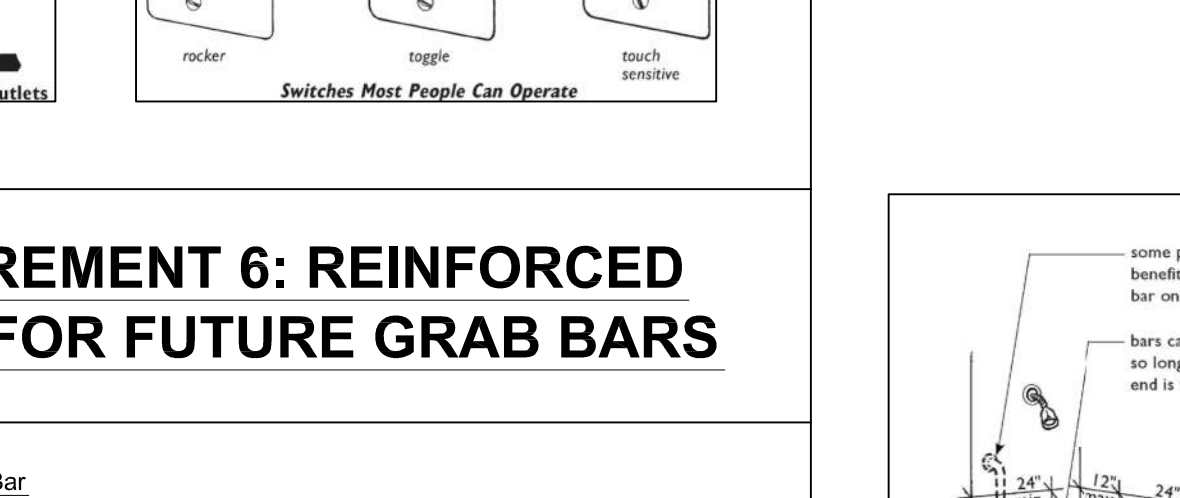
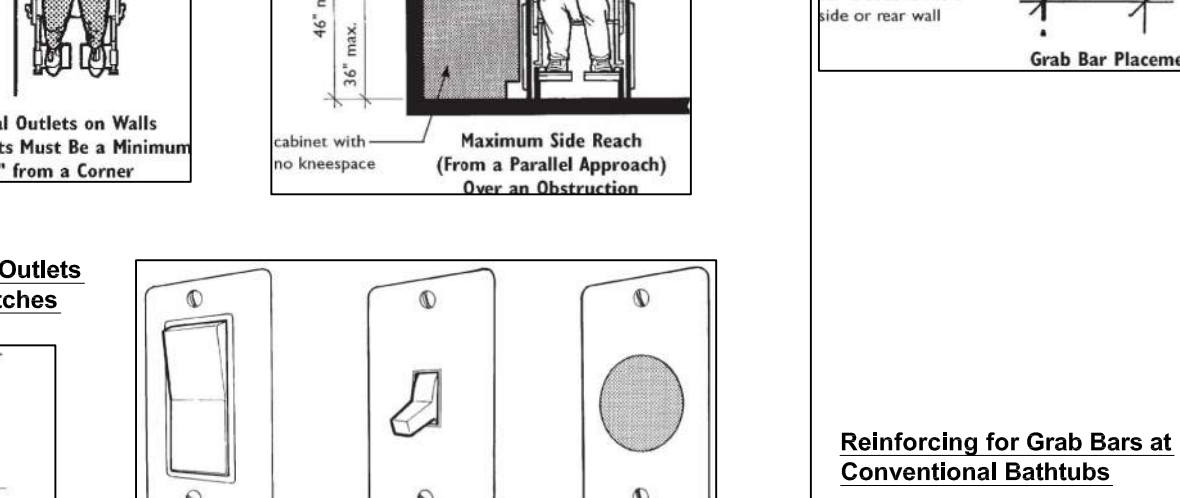
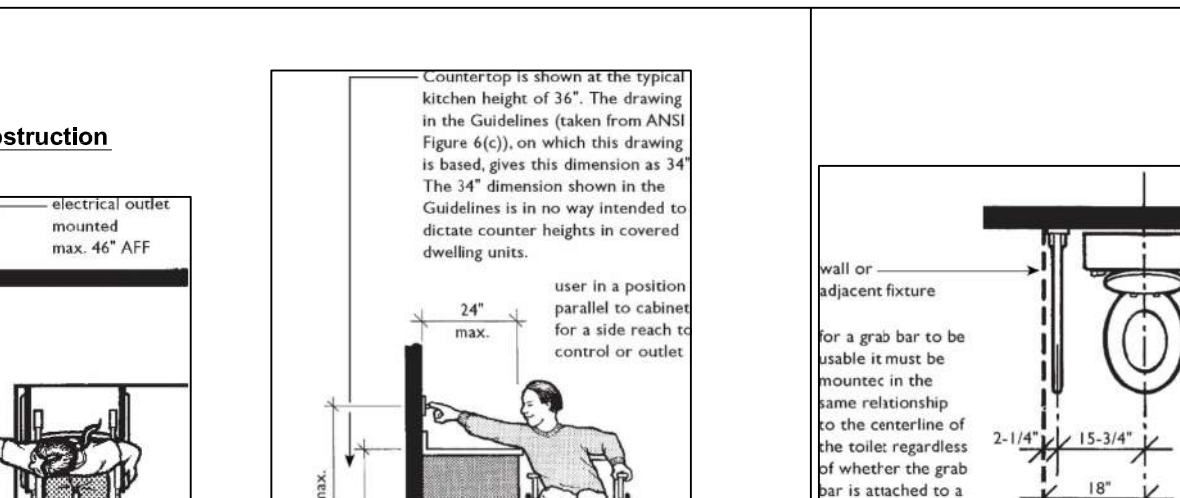
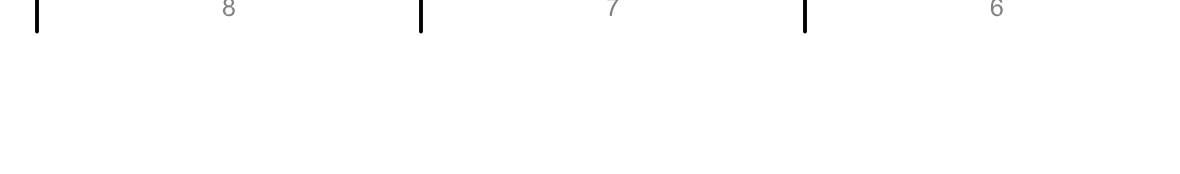
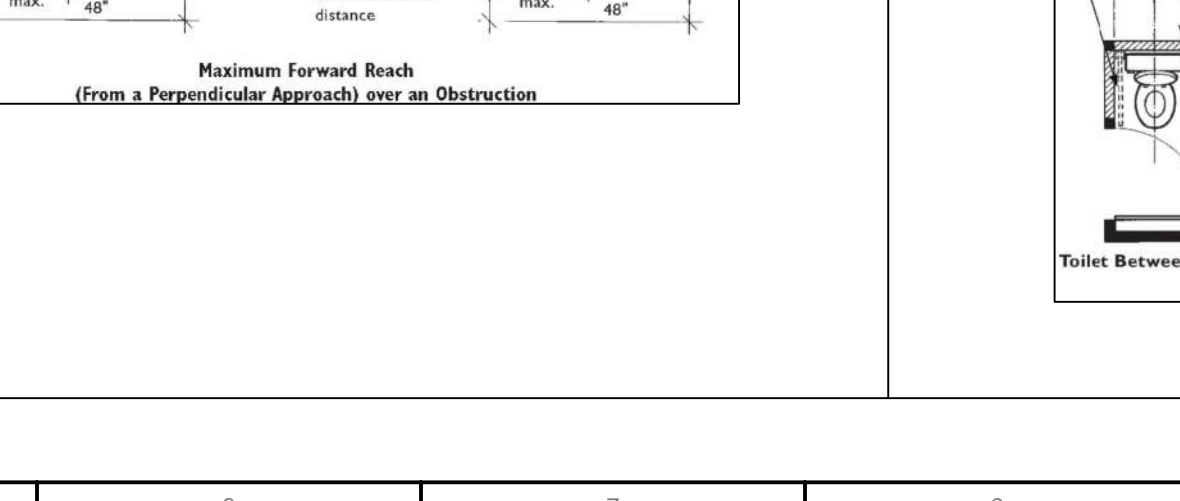
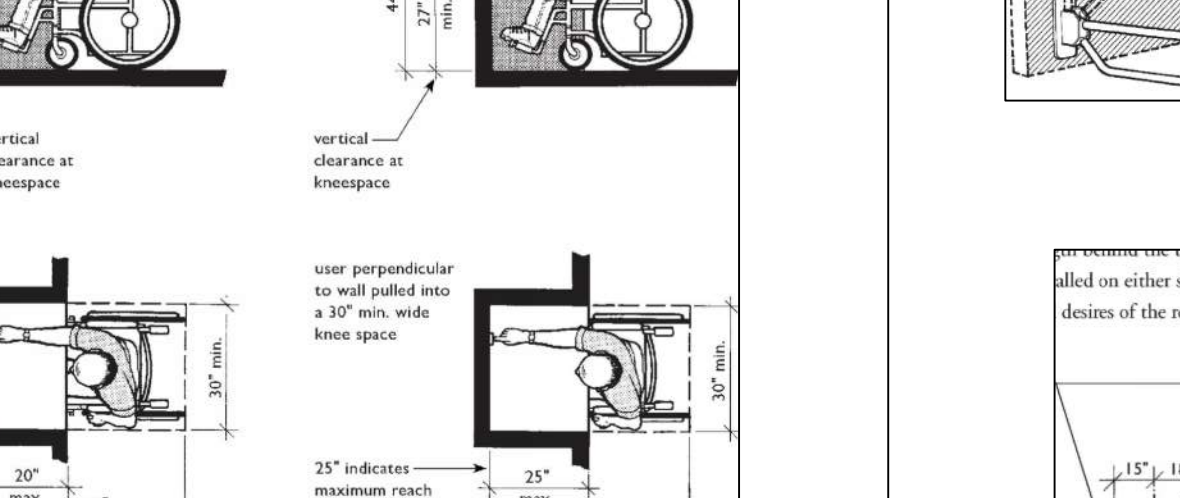
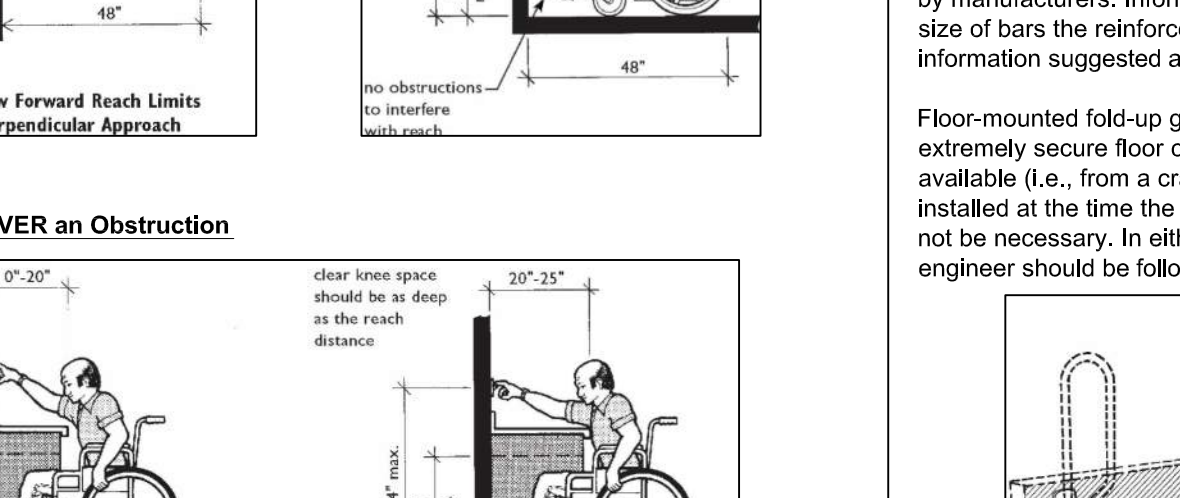
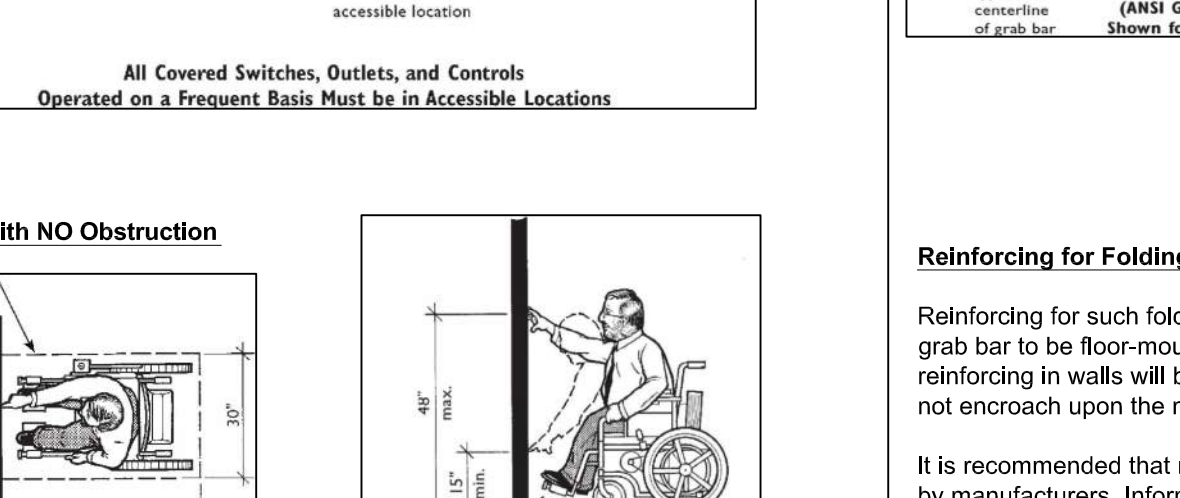
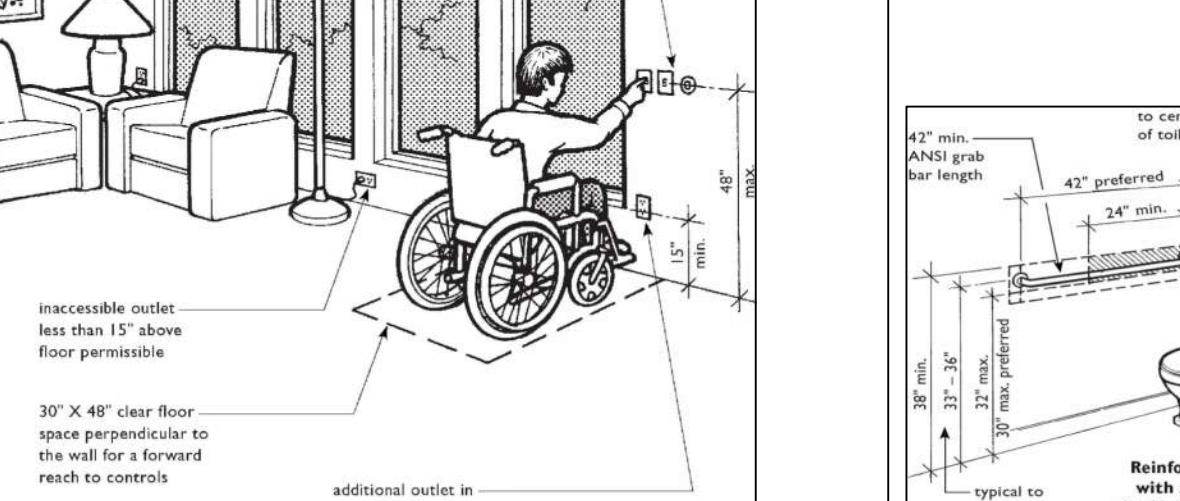
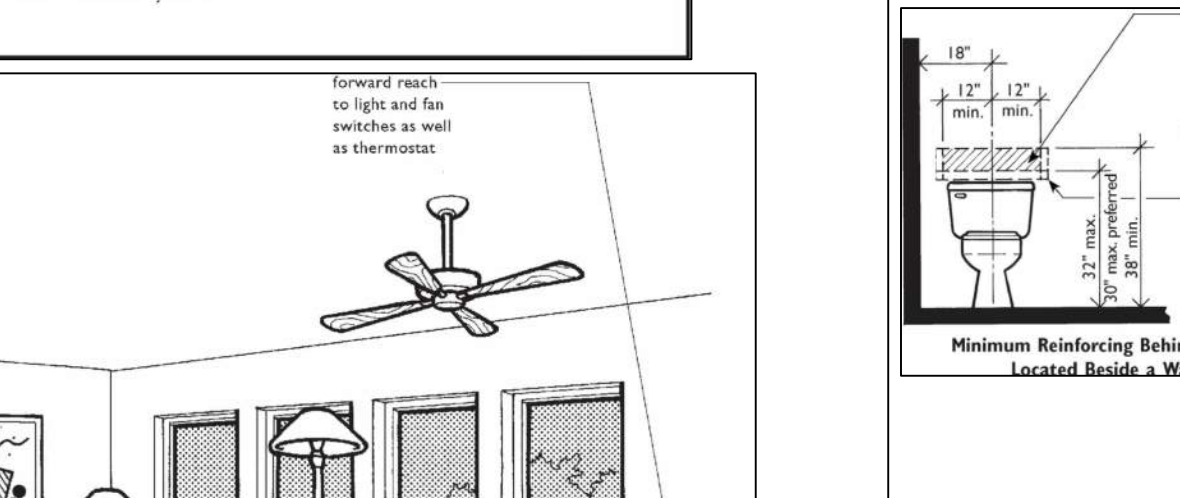
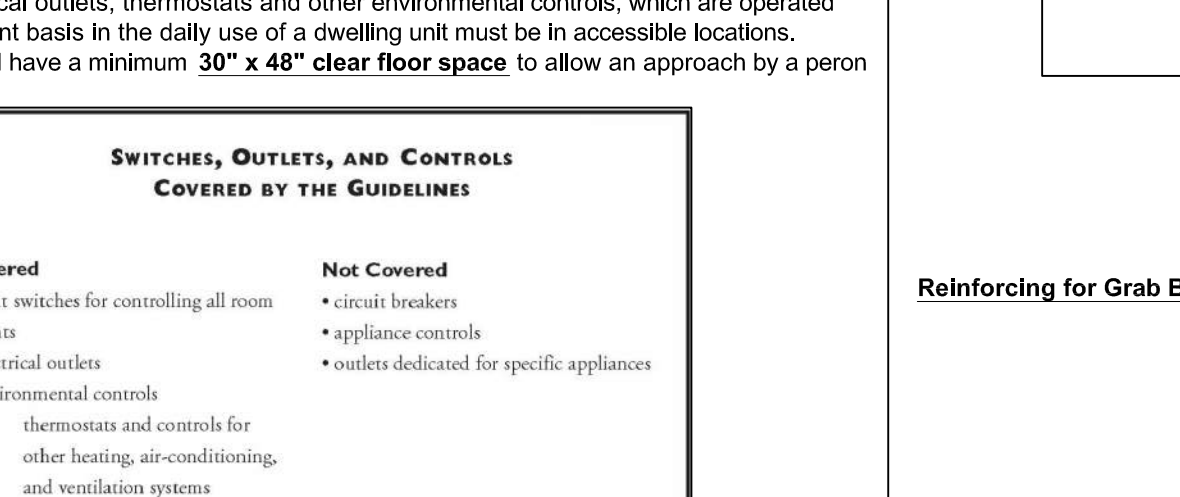
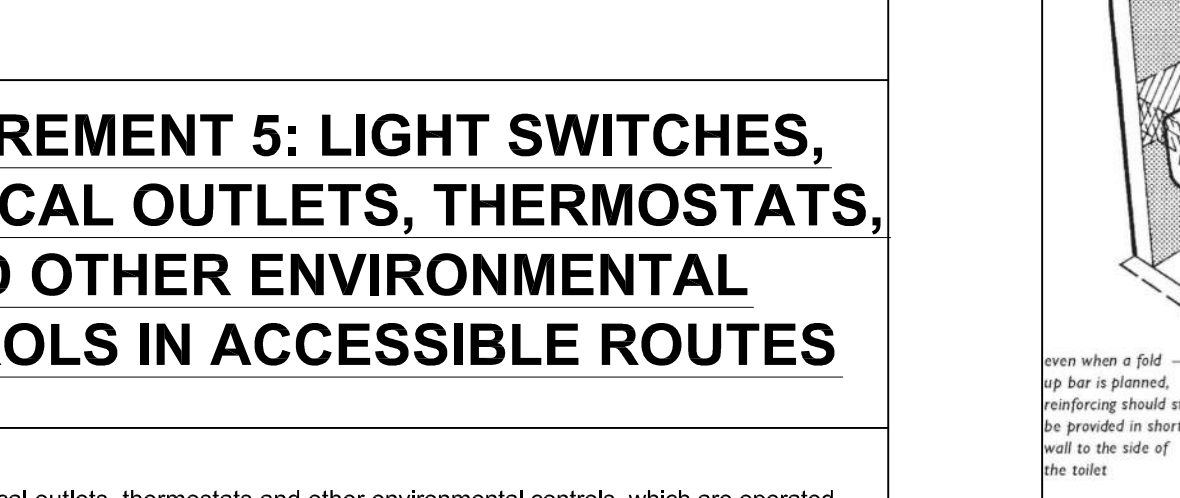
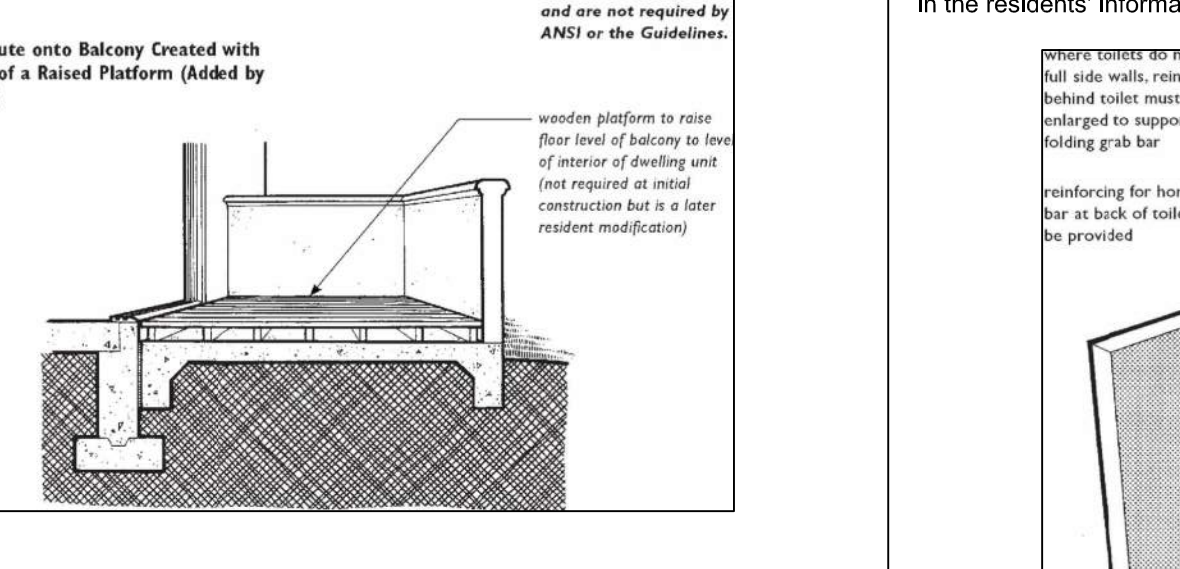
The accessible route must be sufficiently wide and lacking in abrupt changes in level so residents with disabilities (and/or their guests with disabilities) can safely use all rooms and spaces, including storage areas and, under most circumstances, exterior balconies and patios that may be part of that dwelling unit. See page 4.11 for exceptions at balconies and patios constructed of impervious materials.

An accessible route is not required into a basement or garage. However, doors from the interior of the dwelling unit to an unfinished basement or a garage attached to a single-story dwelling unit must be "usable" as "usable doors." Providing an accessible route and a usable door in these circumstances will allow a resident to make later modifications, such as installing a ramp from the dwelling unit into the garage, thereby increasing usability of the unit.



## REQUIREMENT 5: LIGHT SWITCHES, ELECTRICAL OUTLETS, THERMOSTATS, AND OTHER ENVIRONMENTAL CONTROLS IN ACCESSIBLE ROUTES

Light switches, electrical outlets, thermostats and other environmental controls, which are operated on a regular basis in the daily use of a dwelling unit, must be accessible locations. These controls should have a minimum 30" x 48" clear floor space to allow an approach by a person using a wheelchair.

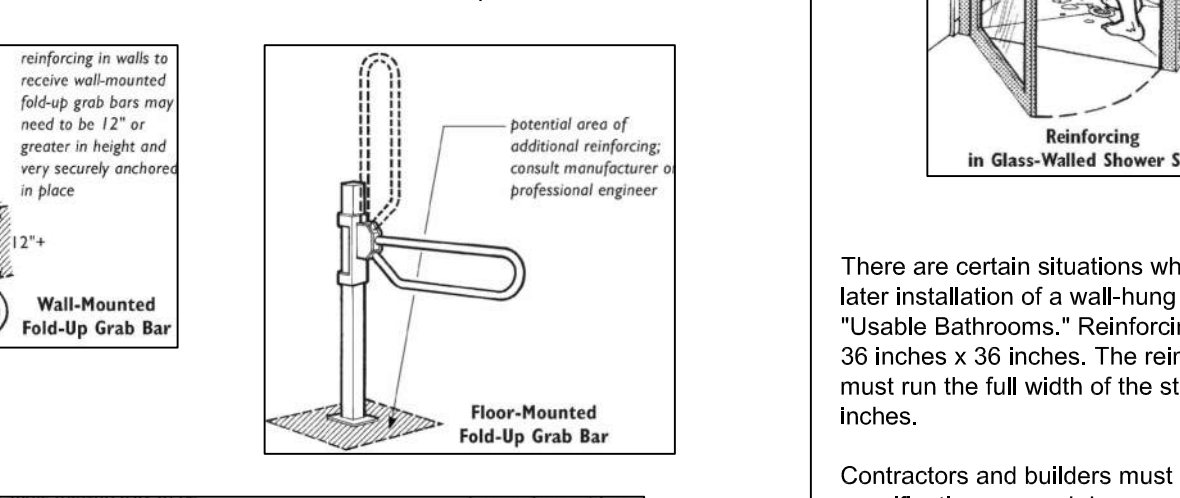
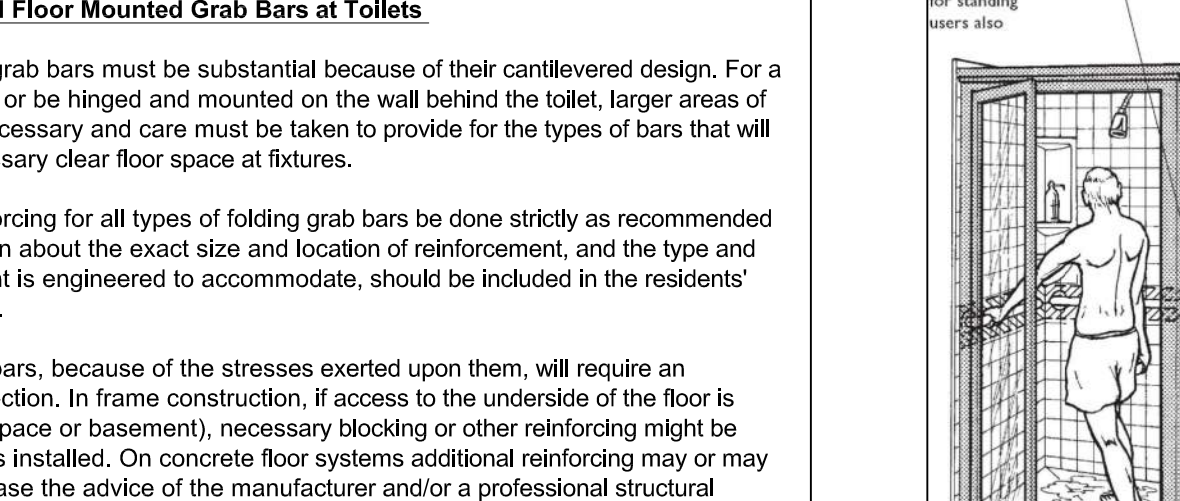
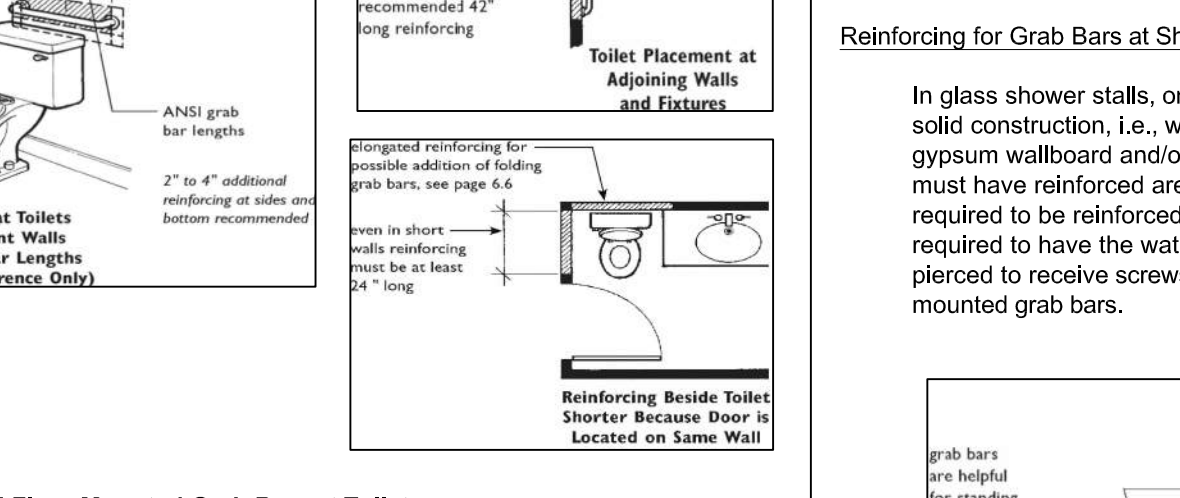
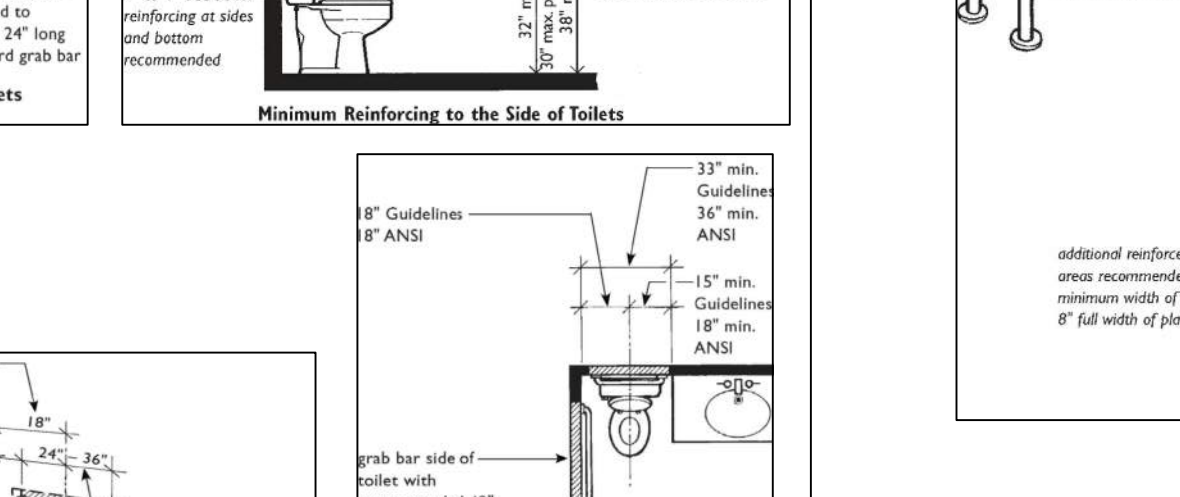
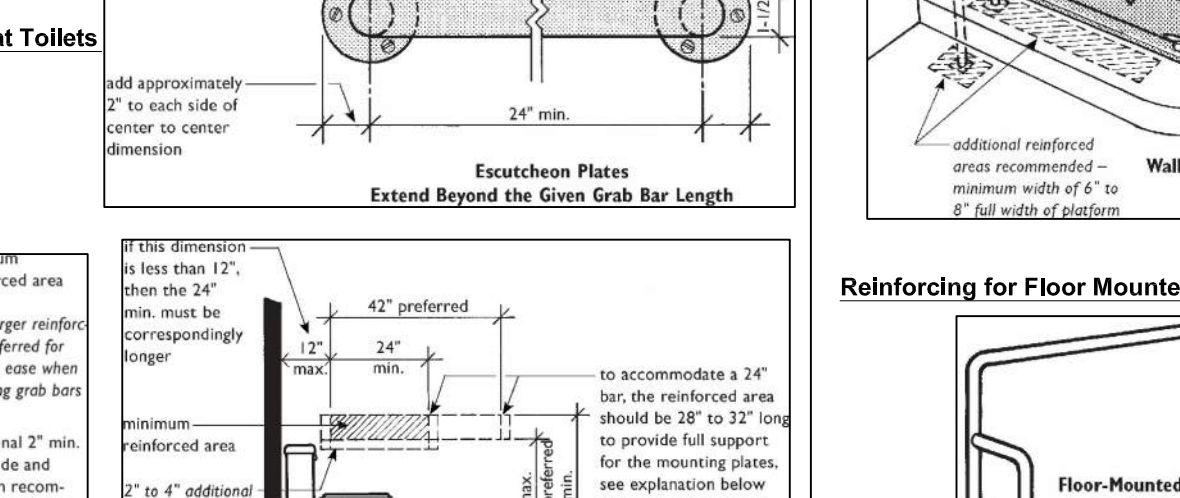
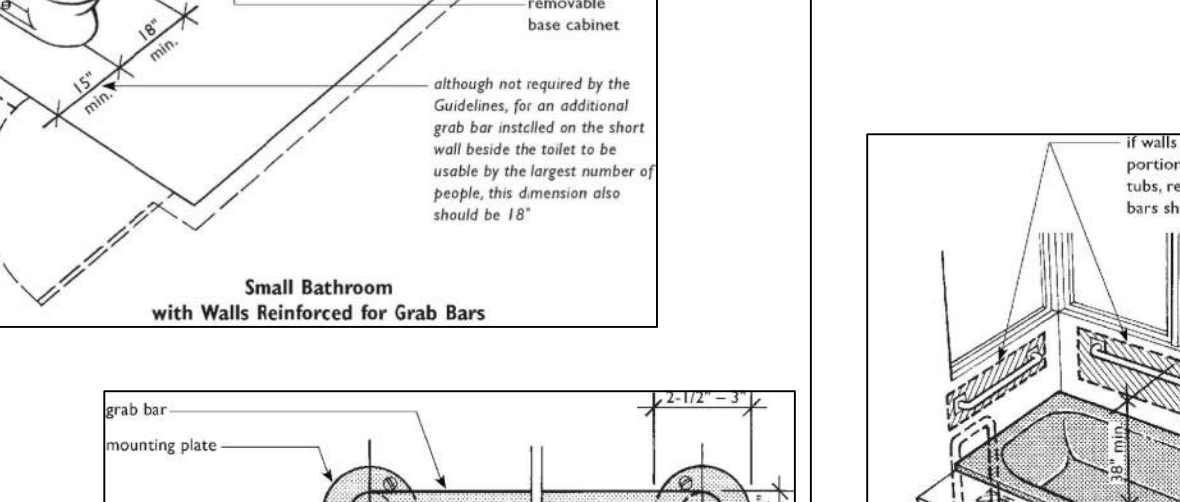
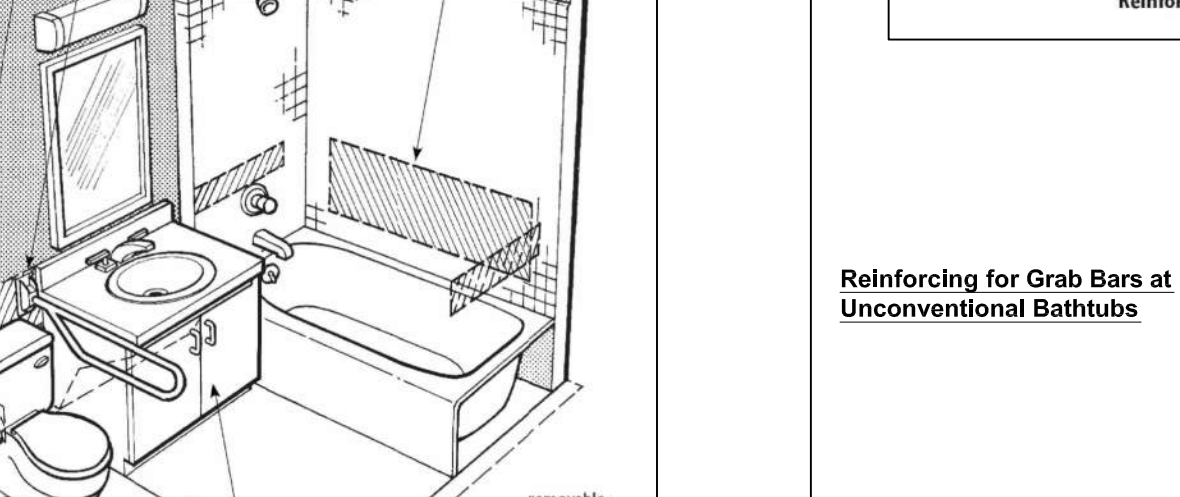


## REQUIREMENT 6: REINFORCED WALLS FOR FUTURE GRAB BARS

Contractors/builders must refer to the 1987 ANSII 4.11.7 Standard, or an equivalent or stricter standard or their state or local building code in planning for selecting appropriate grab bars.

It is recommended that building owners and managers permanently mount directions for installation of grab bars in every dwelling unit where applicable. The type of construction should be described, where reinforcing is located, and suggestions made for the most effective method for installing grab bars. These notices should be attached to the inside of a window door or to the inside of a utility or water heater/fluoride door.

It is recommended that reinforcing for all types of grab bars be done strictly as recommended by manufacturers. Information about the exact size and location of reinforcing, and the type and size of bars the reinforcing is engineered to accommodate, should be included in the residents' information suggested above.





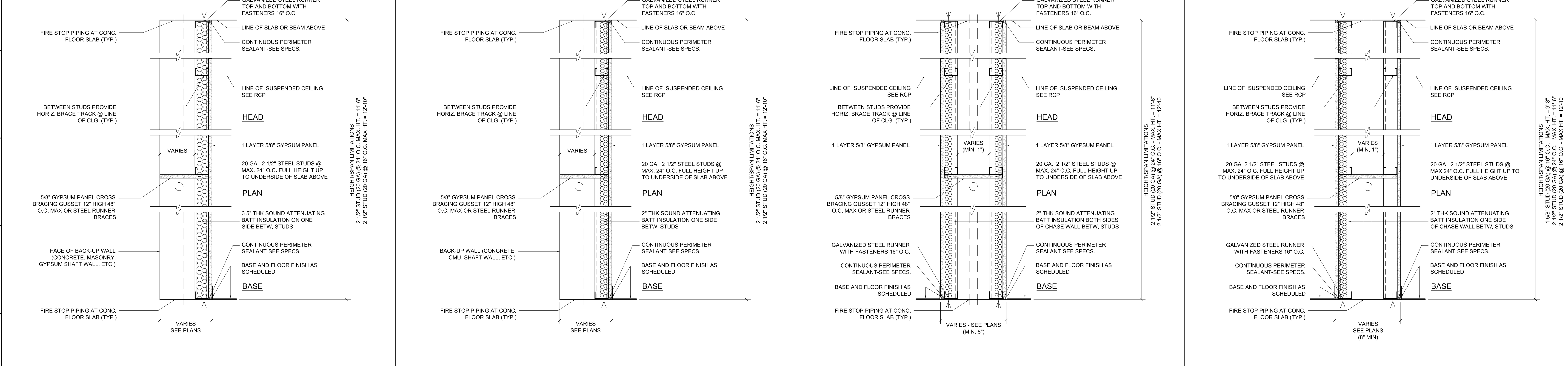
**TYPICAL NOTES & DETAILS**

**PARTITION TYPES NOMENCLATURE**

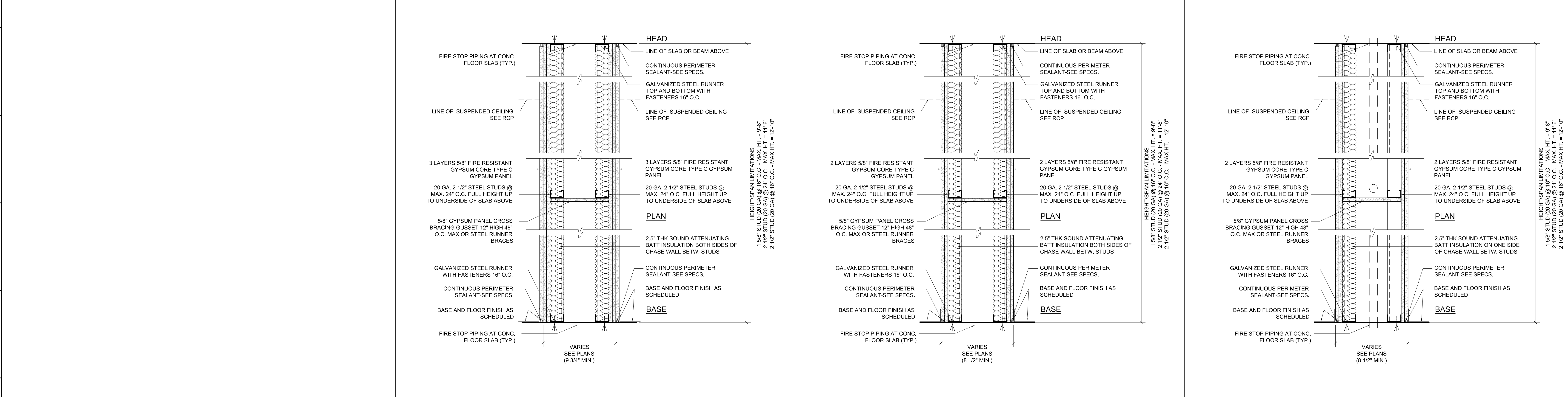
WALL TYPE	RATING	GYPSON PANEL TYPE
C CHASE WALL	0 UNRATED	A ABUSE RESISTANT
D DRY WALL	1 1 HOUR RATED	S 1 GYPSUM BOARD
E EXTERIOR WALL	2 2 HOUR RATED	F FIRE RESISTANT
F FLOORING	3 3 HOUR RATED	G GYPSUM BOARD
H SHAWT WALL	4 4 HOUR RATED	B REGULAR
L LOW PARTITION	4 4 HOUR RATED	T TILE OVER-COMMENT BOARD
M MASONRY CORE WALL	4 4 HOUR RATED	U UNTRACED CORE
N MASONRY CORE WALL	4 4 HOUR RATED	V VIBRO PANEL
		X 1/2" GYPSUM BOARD

**TYPICAL NOTES:**

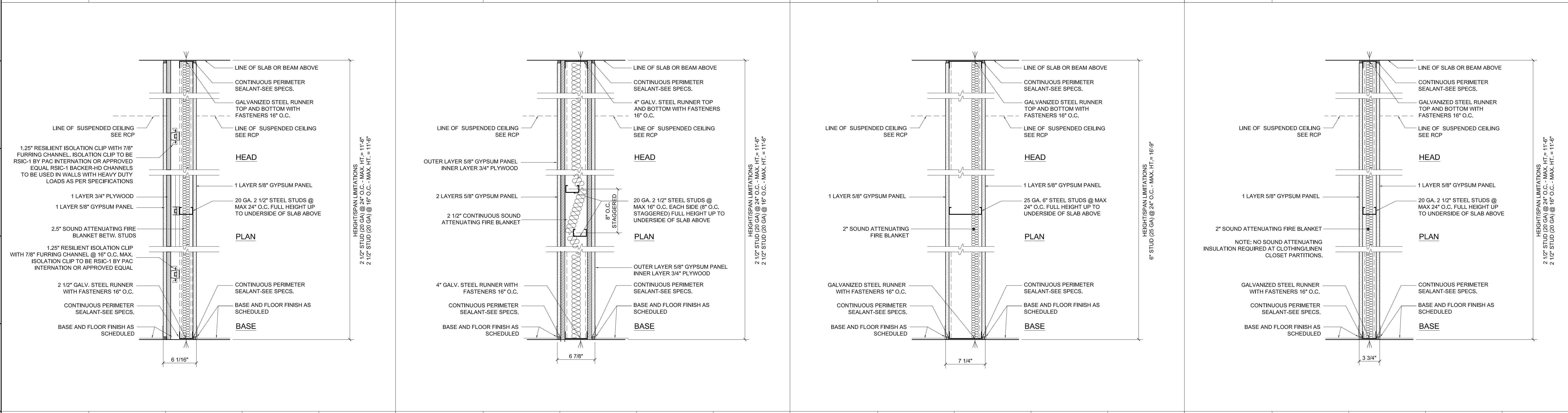
1. ALL GYPSON PANELS U.O.N. SHALL BE 5/8" THK. UG FIRE RESISTANT CORE TYPE 'C' PANELS.
2. ALL GYPSON PANELS ON BATHROOM SIDE / WET SIDE OF A PARTITION SHALL BE WATER, MOISTURE & MOLD RESISTANT GYPSON PANELS OR CEMENTITIOUS BACKER BOARD. USE WATER/MOLD RESISTANT FIRE RESISTANT TYPE 'C' PANELS ON BATHROOM SIDES OF FIRE RATED DEMISING PARTITIONS.
3. ALL FIRE RATED PARTITION ASSEMBLIES SHALL RUN FROM TOP OF STRUCTURAL CONC. SLAB TO BOTTOM OF STRUCTURAL CONC. SLAB OR TO THE UNDERSIDE OF A HORIZONTAL FIRE RATED ASSEMBLY.
4. ALL BATT INSULATION SHALL BE THERMAFIBER® SAFB (4 PCF) OR APPROVED EQUIVALENT U.O.N.
5. STEEL STUDS SHALL BE GALVANIZED STEEL 20 GA STUDS U.O.N. AND SPACED @ AND 24" O.C. MAX. (U.O.N.)
6. U.O.N., TYPICAL STUDS & OTHER SUPPORT MEMBERS SHALL BE PROVIDED AS REQUIRED TO LIMIT DEFLECTIONS OF WALLS TO L/240 MAX. WITH DESIGN LOAD OF 5.0 PSF (U.O.N.)
7. STC RATINGS \*\* - ALL STC RATINGS INDICATED ON THESE DWGS ARE APPROXIMATE AND MAY BE BASED ON LAB TESTS ONLY. ACTUAL STC RATINGS OF ASSEMBLIES PER FIELD BUILT CONDITIONS MAY VARY FROM THOSE INDICATED HERE.
8. HORIZONTAL MOVEMENT ALLOWANCES FOR PARTITIONS & STUC FRAMING
9. ADDITIONAL BACKING WITH PLYWOOD OR STEEL REINFORCEMENT SHALL BE PROVIDED AS REQUIRED AND SPECIFIED AT WALL LOCATIONS WHERE MILLWORK CABINETS OR OTHER HEAVY FINISH CLADDING IS INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS.



WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING**	REMARKS
CHASE	-	UNRATED	50	
<b>CO.4</b>	<b>ACOUSTICAL ONE-SIDED UNRATED CHASE</b>			
	TYP. LOCATION - WITHIN APTS			
CHASE	-	UNRATED	42	
<b>CO.3</b>	<b>REGULAR ONE-SIDED UNRATED CHASE</b>			
	TYP. LOCATION - WITHIN APTS			
CHASE	-	UNRATED	52	
<b>CO.2</b>	<b>ACOUSTICAL UNRATED CHASE</b>			
	TYP. LOCATION - WITHIN APTS			
CHASE	-	UNRATED	45	
<b>CO.1</b>	<b>REGULAR UNRATED CHASE</b>			
	TYP. LOCATION - WITHIN APTS			



WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING**	REMARKS
CHASE	XXXX	2 HR	XX	ACOUSTICAL
<b>C2.4</b>	<b>ACOUSTICAL DEMISING CHASE 3</b>			
	TYP. LOCATION - SEE PLANS			
CHASE	U420	2 HR	63	ACOUSTICAL
<b>C2.3</b>	<b>ACOUSTICAL DEMISING CHASE 2</b>			
	TYP. LOCATION - BETW. APT/APT OR APT/CORRIDOR			
CHASE	U420	2 HR	60	ACOUSTICAL
<b>C2.2</b>	<b>ACOUSTICAL DEMISING CHASE 1</b>			
	TYP. LOCATION - BETW. APT/APT OR APT/CORRIDOR			
CHASE	U420	2 HR	56	
<b>C2.1</b>	<b>REGULAR DEMISING 2HR RATED CHASE</b>			
	TYP. LOCATION - BETW. APT/APT OR APT/CORRIDOR			



WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING**	REMARKS
DRYWALL	(U419 - SIMILAR)	UNRATED	54	ACOUSTICAL
<b>D0.4</b>	<b>ACOUSTICAL UNRATED DRYWALL 2</b>			
	TYP. LOCATION - WITHIN APTS			
DRYWALL	-	UNRATED	50	ACOUSTICAL
<b>D0.3</b>	<b>ACOUSTICAL UNRATED DRYWALL 1</b>			
	TYP. LOCATION - WITHIN APTS			
DRYWALL	(U419 - SIMILAR)	UNRATED	45	
<b>D0.2</b>	<b>REGULAR UNRATED DRYWALL</b>			
	TYP. LOCATION - WITHIN APTS AT ELEC/IT PANELS			
DRYWALL	(U419 - SIMILAR)	UNRATED	40	
<b>D0.1</b>	<b>REGULAR UNRATED DRYWALL</b>			
	TYP. LOCATION - WITHIN APTS			

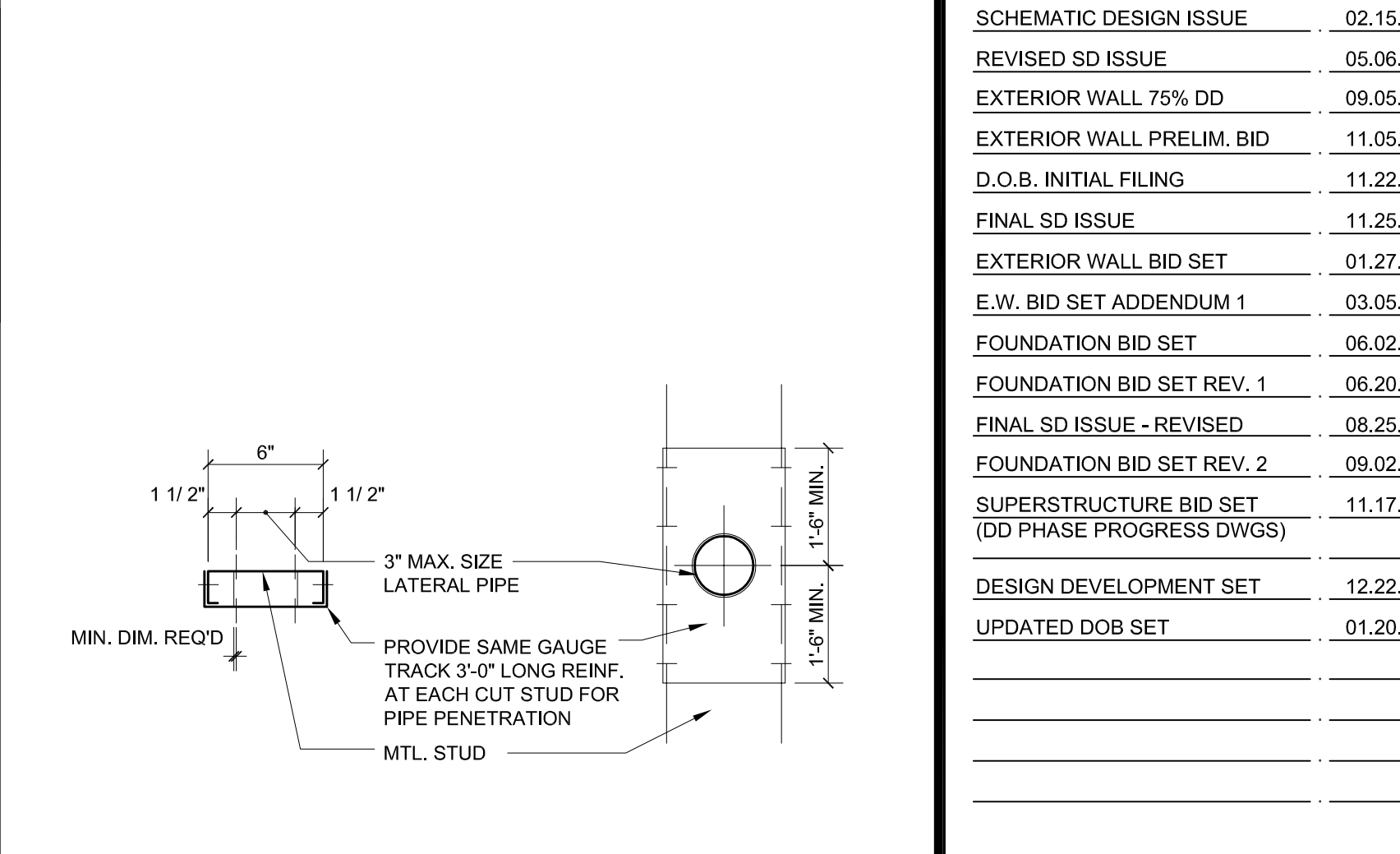
**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**LEED CONSULTANT:**  
Vivian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
CERAMI & ASSOCIATES INC.  
404 5th Avenue #6  
New York, NY 10018  
T: 212-433-1178

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.26.2014
FOUNDATION BID SET REV. 2	09.02.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	01.27.2014
UPDATED DOB SET	01.26.2015



**STUD REINFORCING @ PIPE PENETRATION**  
SCALE: 1 1/2" = 1'-0"

**DATE OF PRINT:** 2015-01-20

**DRAWN BY:** 77 **CHECKED BY:** 77

**PROJECT NUMBER:**

**SHEET TITLE:** PARTITION TYPES-1

**DRAWING NO.:** A-011.00

**SCALE:** 3" = 1'-0"

**APPROVED:** Under Directive of 1975  
Date: 09/25/2015  
NYC Development Hub

**TYPICAL NOTES & DETAILS**

**PARTITION TYPES NOMENCLATURE**

WALL TYPE	RATING	GYPSUM PANEL TYPE
E	1 HOUR RATED	A1 ACROUSTICAL
D	1 HOUR RATED	C CEMENT BOARD
F	2 HOUR RATED	F FIRE RESISTANT
G	2 HOUR RATED	L SOUND FIBER
H	2 HOUR RATED	R REGULAR
L	2 HOUR RATED	T TILE OVER GYPSUM BOARD
M	4 HOUR RATED	U ULTRACORE CORE 3/4"
N	4 HOUR RATED	V VIBRESEAL
W	4 HOUR RATED	X WATER/STAIN RESISTANT

**TAG REFERENCE SYSTEM**

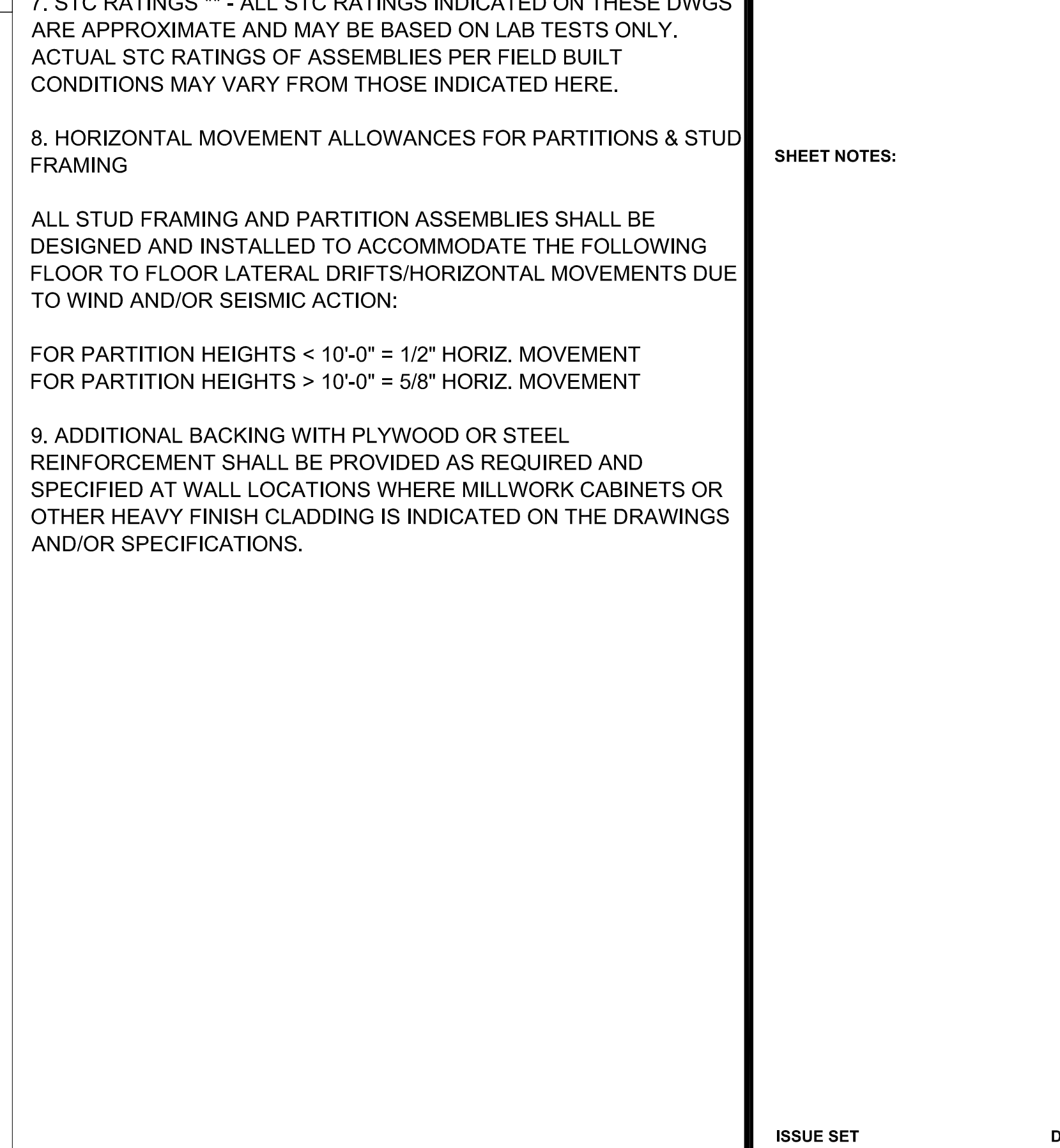
**PARTITION TYPE** **FIRE RATING TYPE**

**PARTITION SUB-TYPE**

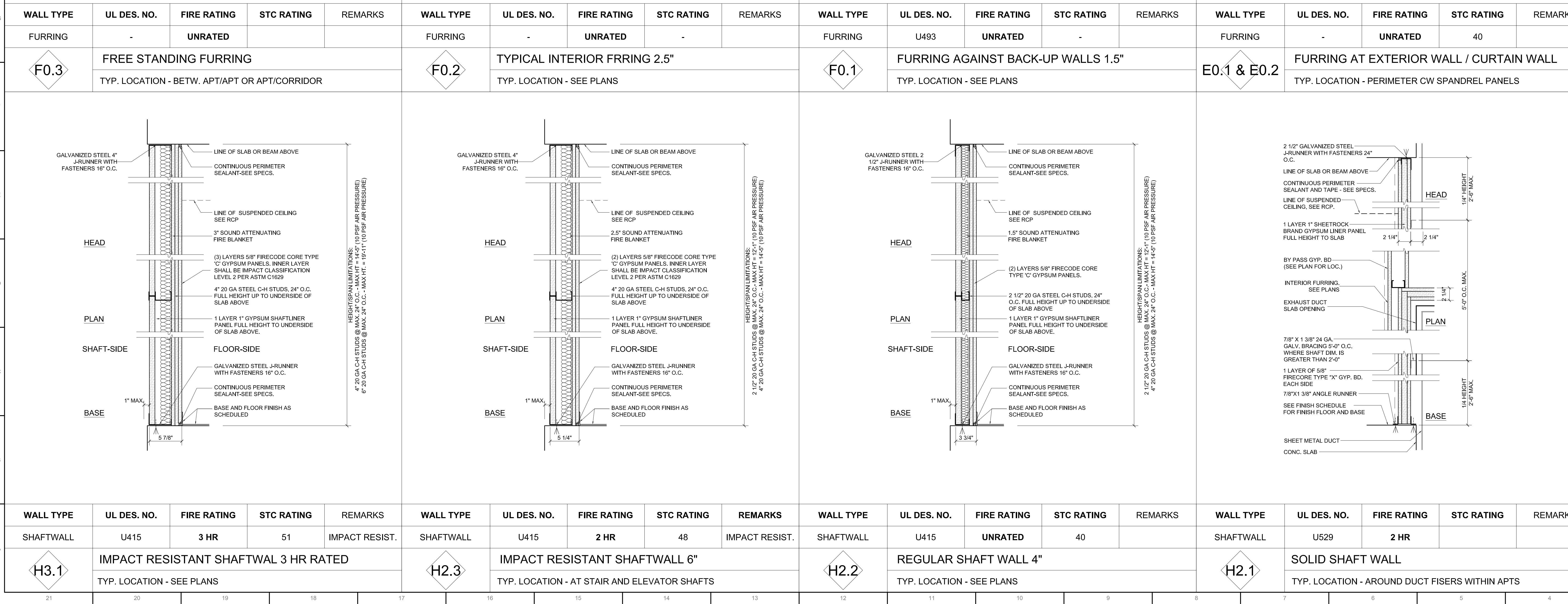
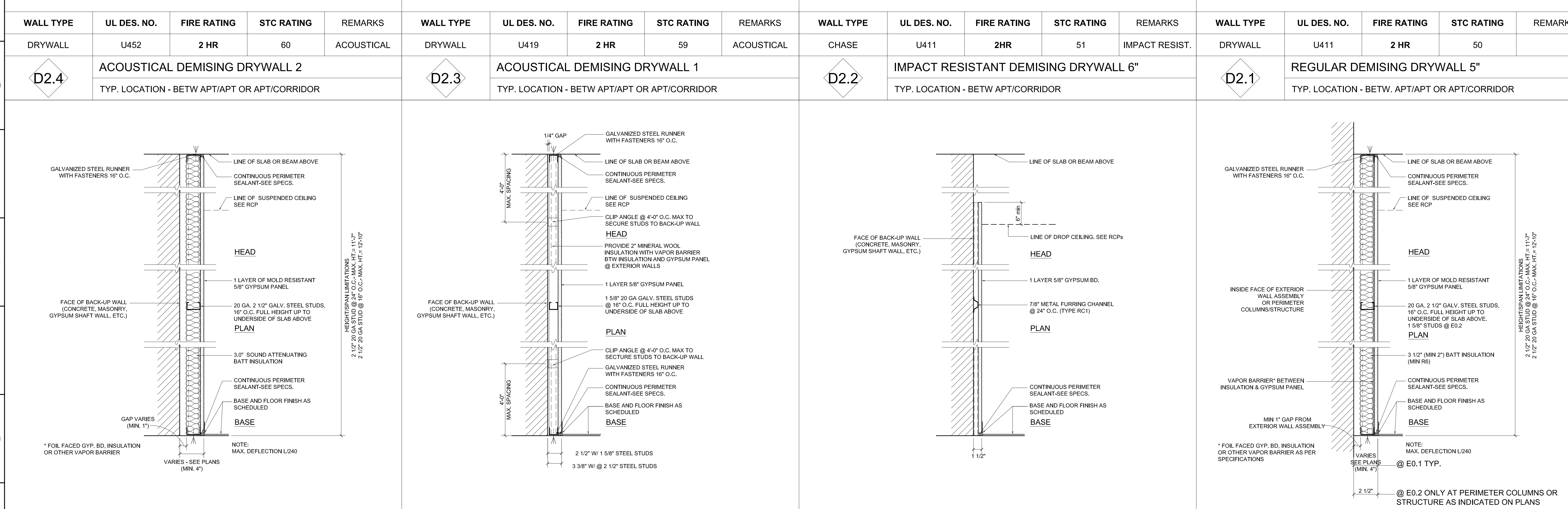
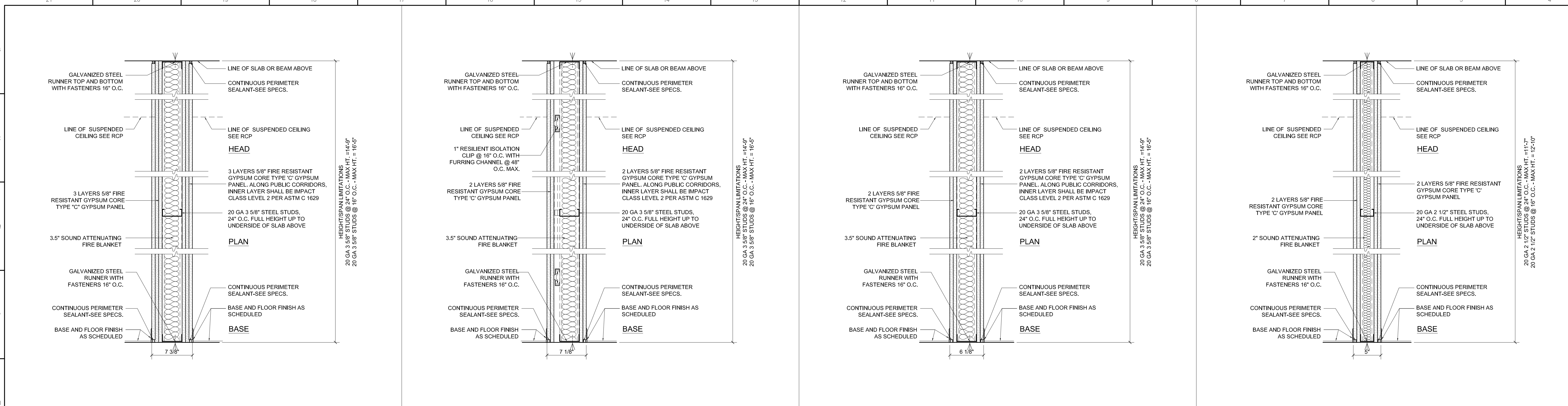
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- HORIZONTAL MOVEMENT ALLOWANCES FOR PARTITIONS & STUD FRAMING
- ALL STUD FRAMING AND PARTITION ASSEMBLIES SHALL BE DESIGNED AND INSTALLED TO ACCOMMODATE THE FOLLOWING FLOOR TO FLOOR LATERAL DRIFTS/HORIZONTAL MOVEMENTS DUE TO WIND AND/OR SEISMIC ACTION:
- FOR PARTITION HEIGHTS < 10'-0" = 1/2" HORIZ. MOVEMENT FOR PARTITION HEIGHTS > 10'-0" = 5/8" HORIZ. MOVEMENT
- ADDITIONAL BACKING WITH PLYWOOD OR STEEL REINFORCEMENT SHALL BE PROVIDED AS REQUIRED AND SPECIFIED AT WALL LOCATIONS WHERE MILLWORK CABINETS OR OTHER HEAVY FINISH CLADDINGS IS INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS.

WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING	REMARKS
DRYWALL	U452	2 HR	60	ACOUSTICAL
<b>D2.4</b>	<b>ACOUSTICAL DEMISING DRYWALL 2</b> TYP. LOCATION - BETW APT/APT OR APT/CORRIDOR			
DRYWALL	U419	2 HR	59	ACOUSTICAL
<b>D2.3</b>	<b>ACOUSTICAL DEMISING DRYWALL 1</b> TYP. LOCATION - BETW APT/APT OR APT/CORRIDOR			
CHASE	U411	2HR	51	IMPACT RESIST.
<b>D2.2</b>	<b>IMPACT RESISTANT DEMISING DRYWALL 6"</b> TYP. LOCATION - BETW APT/CORRIDOR			
DRYWALL	U411	2 HR	50	
<b>D2.1</b>	<b>REGULAR DEMISING DRYWALL 5"</b> TYP. LOCATION - BETW. APT/APT OR APT/CORRIDOR			



WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING	REMARKS
SHAFTWALL	U415	3 HR	51	IMPACT RESIST.
<b>H3.1</b>	<b>IMPACT RESISTANT SHAFTWALL 3 HR RATED</b> TYP. LOCATION - SEE PLANS			
SHAFTWALL	U415	2 HR	48	IMPACT RESIST.
<b>H2.3</b>	<b>IMPACT RESISTANT SHAFTWALL 6"</b> TYP. LOCATION - AT STAIR AND ELEVATOR SHAFTS			
SHAFTWALL	U415	UNRATED	40	
<b>H2.2</b>	<b>REGULAR SHAFT WALL 4"</b> TYP. LOCATION - SEE PLANS			
SHAFTWALL	U529	2 HR		
<b>H2.1</b>	<b>SOLID SHAFT WALL</b> TYP. LOCATION - AROUND DUCT FISERS WITHIN APTS			



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02-15-2013
REVISED SD ISSUE	05-08-2013
EXTERIOR WALL 75% DD	09-05-2013
EXTERIOR WALL PRELIM. BID	11-05-2013
D.O.B. INITIAL FILING	11-22-2013
FINAL SD ISSUE	11-25-2013
EXTERIOR WALL BID SET	01-27-2014
E.W. BID SET ADDENDUM 1	03-05-2014
FOUNDATION BID SET	06-02-2014
FOUNDATION BID SET REV. 1	06-20-2014
FINAL SD ISSUE - REVISED	08-25-2014
FOUNDATION BID SET REV. 2	09-02-2014
STRUCTURE BID SET	11-17-2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12-22-2014
UPDATED DOB SET	01-20-2015



**DATE OF PRINT**  
2015-01-20

**DRAWN BY:** 97  
**CHECKED BY:** 97

**PROJECT NUMBER**

**SHEET TITLE**  
PARTITION TYPES-2

**DRAWING NO.**

**Damian Titus**  
BUILDINGS APPROVED Under Directive 2 of 1975 Date: 09/25/2015  
NYC Development Hub



**15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.**

**TYPICAL NOTES & DETAILS**

**PARTITION TYPES NOMENCLATURE**

WALL TYPE	RATING	GYPSUM PANEL TYPE
C	1	A
D	1	C
E	2	C
F	2	L
G	2	L
H	2	L
I	4	L
J	4	L
K	4	L
L	4	L
M	4	L
N	4	L
O	4	L
P	4	L
Q	4	L
R	4	L
S	4	L
T	4	L
U	4	L
V	4	L
W	4	L
X	4	L
Y	4	L
Z	4	L

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**DESIGNER:**  
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**DESIGNER:**  
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80 Pine Street  
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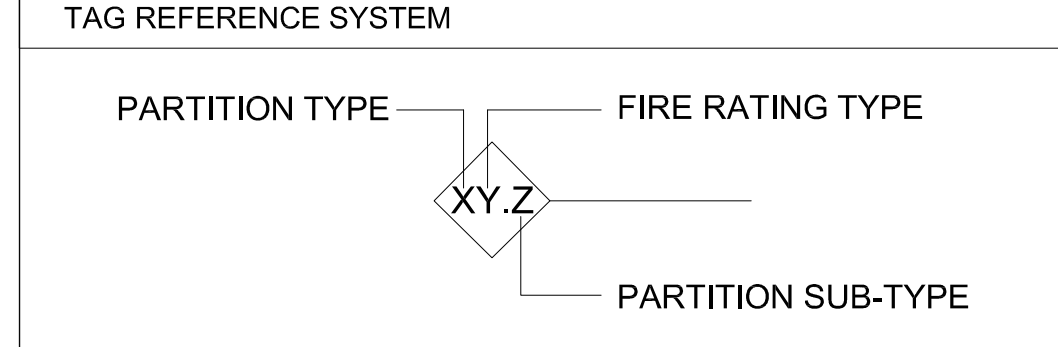
**EXTERIOR WALL CONSULTANT:**  
Harrel Levin Architects  
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T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
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5 Regent Street, Suite 504  
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**ACOUSTICAL CONSULTANTS:**  
CERAMIC ASSOCIATES INC.  
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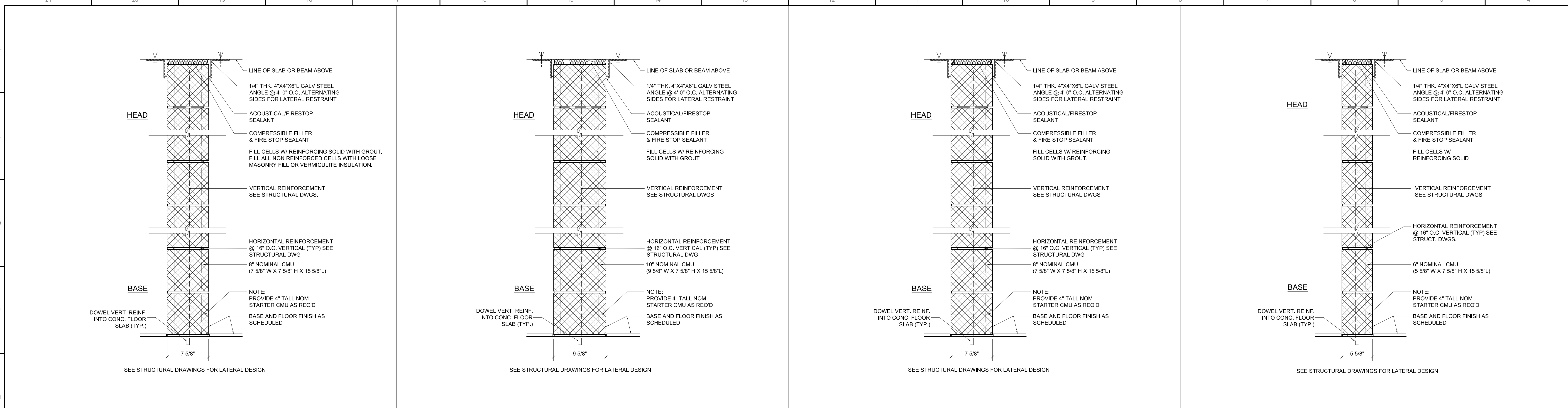
**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
202 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270



**TYPICAL NOTES:**

- ALL GYPSUM PANELS U.O.N. SHALL BE 5/8" THK. USG FIRE RESISTANT CORE TYPE 'C' PANELS.
  - ALL GYPSUM PANELS ON BATHROOM SIDE / WET SIDE OF A PARTITION SHALL BE WATER, MOISTURE & MOLD RESISTANT GYPSUM PANELS OR CEMENT/TILE BACKER BOARD. USE WATER/MOLD RESISTANT FIRE RESISTANT TYPE 'C' PANELS ON BATHROOM SIDES OF FIRE RATED DEMISING PARTITIONS.
  - ALL FIRE RATED PARTITION ASSEMBLIES SHALL RUN FROM TOP OF STRUCTURAL CONC. SLAB TO BOTTOM OF STRUCTURAL CONC. SLAB OR TO THE UNDERSIDE OF A HORIZONTAL FIRE RATED ASSEMBLY.
  - ALL BATT INSULATION SHALL BE THERMAFIBER® SAFB (4 PCF) OR APPROVED EQUIVALENT U.O.N.
  - STEEL STUDS SHALL BE GALVANIZED STEEL 20 GA STUDS U.O.N. AND SPACED @ 24" O.C. MAX. (U.O.N.)
  - U.O.N. TYPICAL STUDS & OTHER SUPPORT MEMBERS SHALL BE PROVIDED AS REQUIRED TO LIMIT DEFLECTIONS OF WALLS TO L/240 MAX. WITH DESIGN LOAD OF 5.0 PSF (U.O.N.)
  - STC RATINGS \*\* - ALL STC RATINGS INDICATED ON THESE DWGS ARE APPROXIMATE AND MAY BE BASED ON LAB TESTS ONLY. ACTUAL STC RATINGS OF ASSEMBLIES PER FIELD BUILT CONDITIONS MAY VARY FROM THOSE INDICATED HERE.
  - HORIZONTAL MOVEMENT ALLOWANCES FOR PARTITIONS & STUD FRAMING
- ALL STUD FRAMING AND PARTITION ASSEMBLIES SHALL BE DESIGNED AND INSTALLED TO ACCOMMODATE THE FOLLOWING FLOOR TO FLOOR LATERAL DRIFTS/HORIZONTAL MOVEMENTS DUE TO WIND AND/OR SEISMIC ACTION:
- FOR PARTITION HEIGHTS < 10'-0" = 1/2" HORIZ. MOVEMENT  
FOR PARTITION HEIGHTS > 10'-0" = 5/8" HORIZ. MOVEMENT
9. ADDITIONAL BACKING WITH PLYWOOD OR STEEL REINFORCEMENT SHALL BE PROVIDED AS REQUIRED AND SPECIFIED AT WALL LOCATIONS WHERE MILLWORK CABINETS OR OTHER HEAVY FINISH CLADDING IS INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS.

**SHEET NOTES:**



WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING	REMARKS
DRYWALL	U904	3 HR	60	ACOUSTICAL
<b>M3.1</b>	<b>CONCRETE BLOCK MASONRY 8" NOM. 3HR RATED</b>			
	TYP. LOCATION - SEE PLANS			
DRYWALL	U905	2 HR	63	ACOUSTICAL
<b>M2.3</b>	<b>CONCRETE BLOCK MASONRY 10" NOM. 2HR RATED</b>			
	TYP. LOCATION - BETW EXIT STAIRS IN SCISSOR STAIR SHAFT			
CHASE	U905	2HR	60	
<b>M2.2</b>	<b>CONCRETE BLOCK MASONRY 8" NOM. 2HR RATED</b>			
	TYP. LOCATION - SEE PLANS			
MASONRY	U906	2 HR	55	
<b>M2.1</b>	<b>CONCRETE BLOCK MASONRY 6" NOM. 2HR RATED</b>			
	TYP. LOCATION - SEE PLANS			

WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING	REMARKS
XXXXX	XXXX	XXXX	XX	
<b>XX.X</b>	XXXXXXXXXX			
	XXXXX			

WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING	REMARKS
XXXXX	XXXX	XXXX	XX	
<b>XX.X</b>	XXXXXXXXXX			
	XXXXX			

WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING	REMARKS
XXXXX	XXXX	XXXX	XX	
<b>XX.X</b>	XXXXXXXXXX			
	XXXXX			

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FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.26.2014
FOUNDATION BID SET REV. 2	09.02.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



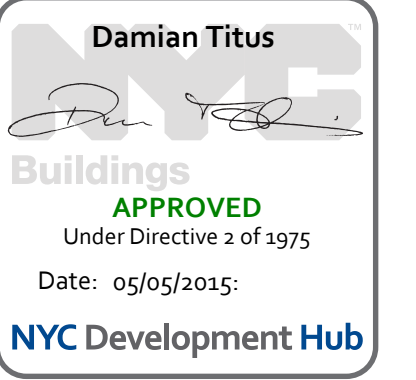
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2015-01-20

**DRAWN BY:** 77 **CHECKED BY:** 77

**PROJECT NUMBER:**

**SHEET TITLE:**  
PARTITION TYPES-3

**DRAWING NO.:**



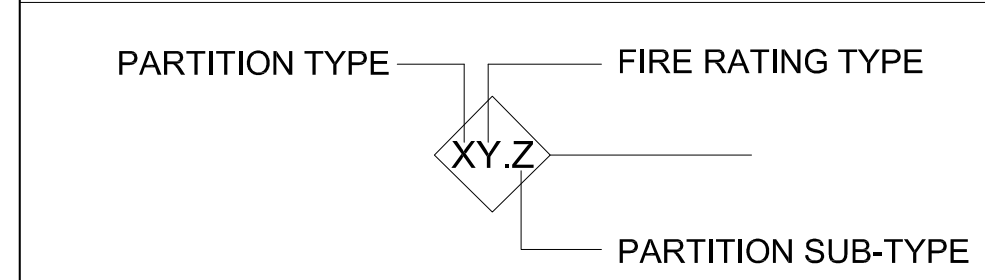
**A-013.00**

TYPICAL NOTES & DETAILS

PARTITION TYPES NOMENCLATURE

WALL TYPE	RATING	GYPSUM PANEL TYPE
E CORE WALL	1 HOUR RATED	A1 MOISTURE RESISTANT
D DRY WALL	1 HOUR RATED	C CEMENT BOARD
F FURRING @ EXTERIOR WALL	2 HOUR RATED	F FIRE RESISTANT
F FURRING WALL	3 HOUR RATED	S SHAFT LINER
H SHAFT WALL	4 HOUR RATED	R REGULAR
L LOW PARTITION	1 HOUR RATED	T TILE OVER CEMENT BOARD
M MASONRY (CMU WALL)	1 HOUR RATED	U ULTRACORE CORE 3/4"
		V VENEER
		W WATER/STAIN RESISTANT

TAG REFERENCE SYSTEM



TYPICAL NOTES:

- ALL GYPSUM PANELS U.O.N. SHALL BE 5/8" THK. USG FIRE RESISTANT CORE TYPE 'C' PANELS.
- ALL GYPSUM PANELS ON BATHROOM SIDE / WET SIDE OF A PARTITION SHALL BE WATER, MOISTURE & MOLD RESISTANT GYPSUM PANELS U.O.N. USE WATER/MOLD RESISTANT FIRE RESISTANT TYPE 'C' PANELS ON BATHROOM SIDES OF FIRE RATED DEMISING PARTITIONS.
- ALL PARTITIONS (FIRE RATED AND UNRATED) UNLESS OTHERWISE NOTED SHALL RUN FROM TOP OF STRUCTURAL SLAB TO BOTTOM OF STRUCTURAL SLAB.
- ALL BATT INSULATION SHALL BE THERMAFIBER® SAFB OR APPROVED EQUIVALENT U.O.N.
- STEEL STUDS SHALL BE GALVANIZED STEEL 20 GA STUDS U.O.N. AND SPACED @ AND 24" O.C. MAX. (U.O.N.)
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- STC RATINGS \*\* - ALL STC RATINGS INDICATED ON THESE DWGS ARE APPROXIMATE AND MAY BE BASED ON LAB TESTS ONLY. ACTUAL STC RATINGS OF ASSEMBLIES PER FIELD BUILT CONDITIONS MAY VARY FROM THOSE INDICATED HERE.

15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

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**STRUCTURAL ENGINEER:**  
WSP Cantor Selix  
228 E 49th Street  
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**EXTERIOR WALL CONSULTANT:**  
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**VERTICAL TRANSPORTATION:**  
Van Driem & Associates  
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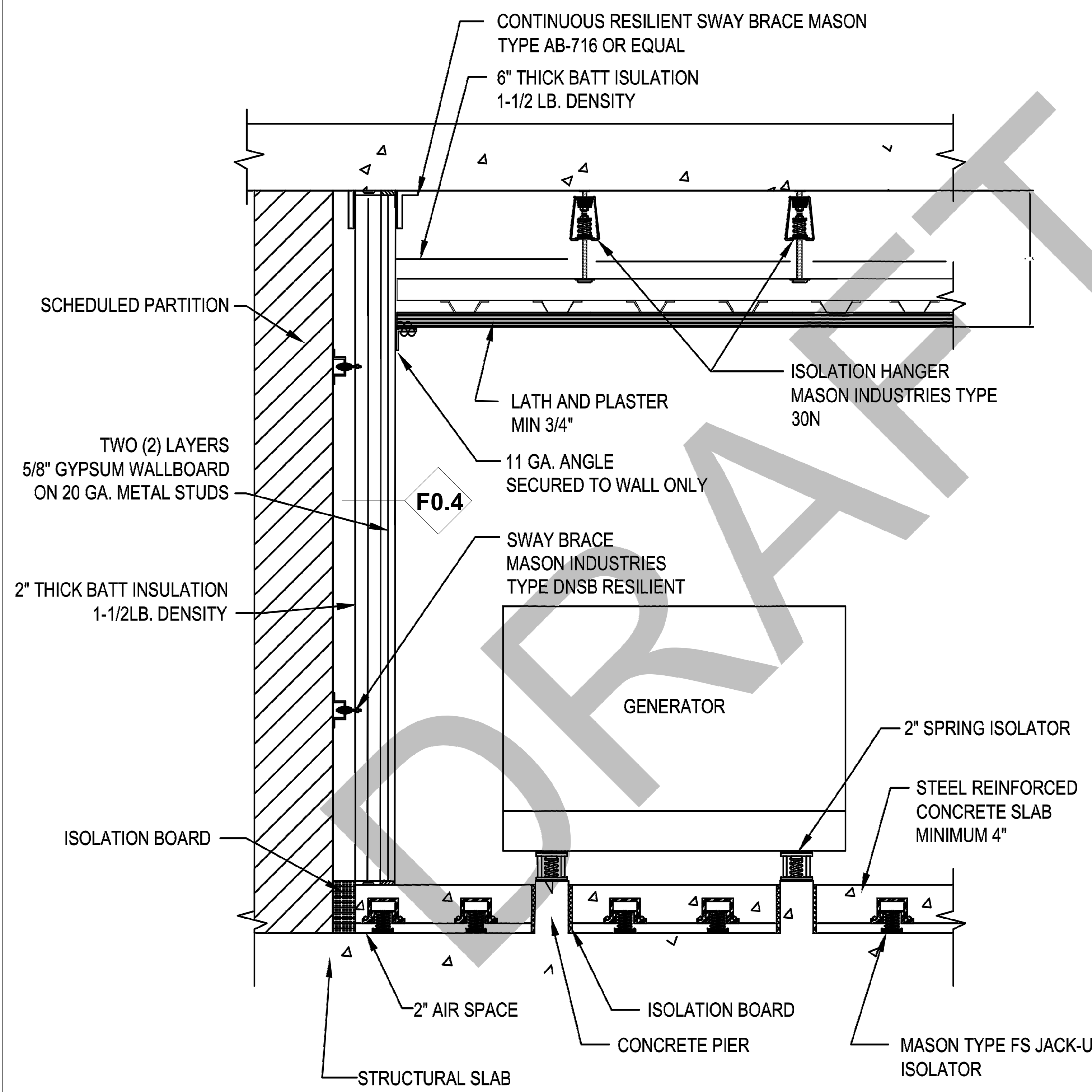
**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
CERAMIC ASSOCIATES INC.  
404 5th Avenue #8  
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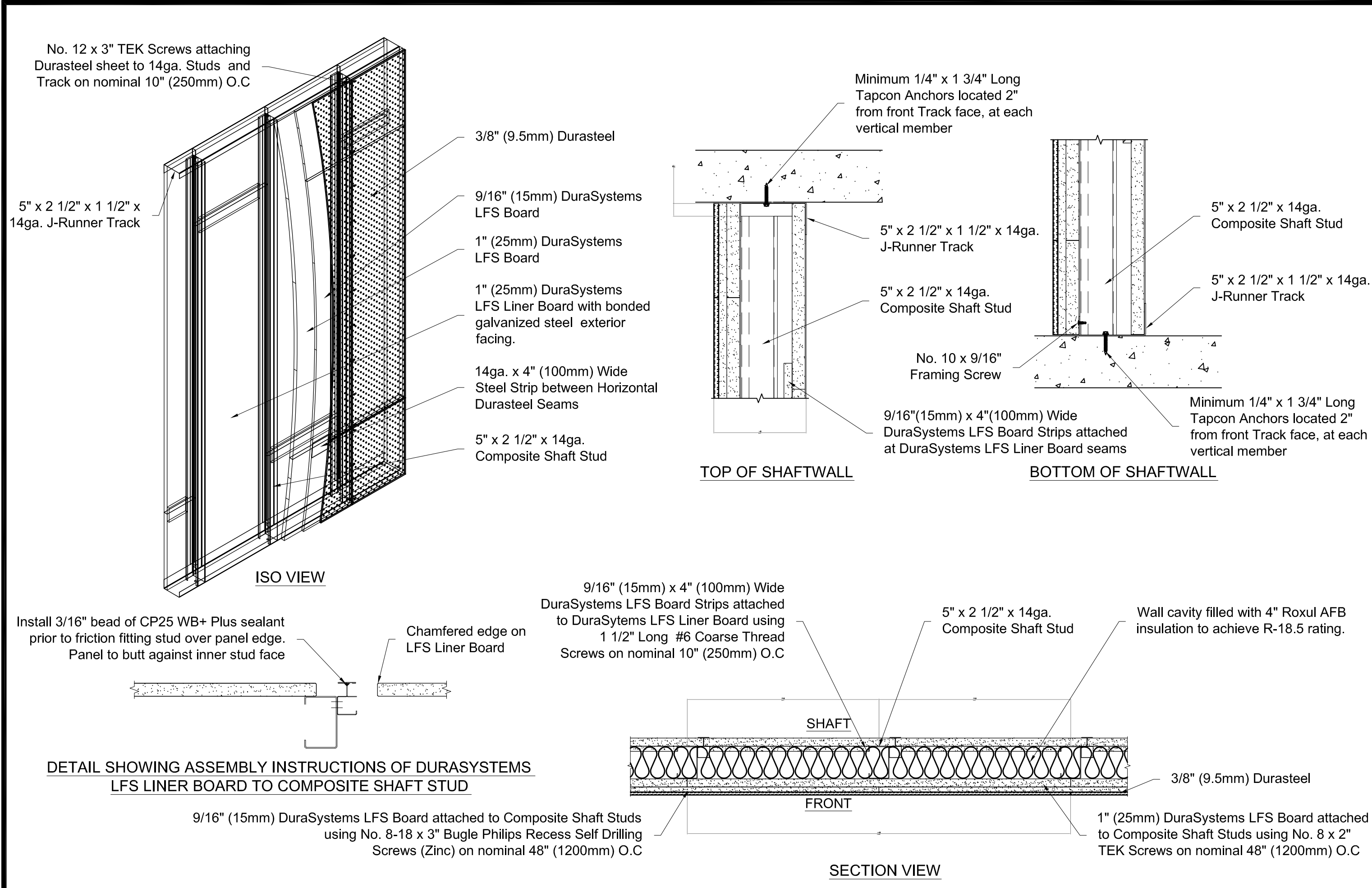
**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
202 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

SHEET NOTES:

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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FINAL SD ISSUE - REVISED	08.25.2014
FOUNDATION BID SET REV. 2	09.02.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



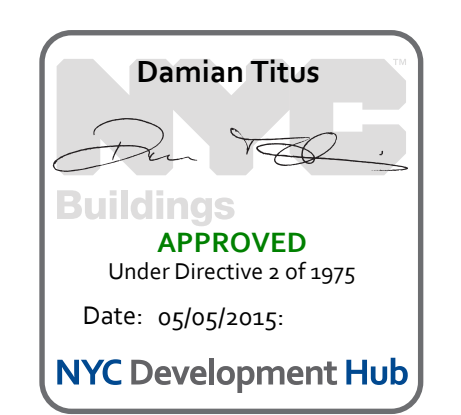
WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING	REMARKS
FURRING		3 HR		
F0.4				ACOUSTICAL ISOLATION FURRING LOCATION - GENERATOR ROOM (SCHEMATIC ONLY)



**DURASYSTEMS**  
159 Courland Ave. Vaughan, ON Canada  
L4K 4T2 (905) 660-4455  
www.durasystems.com

SYSTEM: 3 HOUR FIRE RATED, R-18.5, DURASTEEL SHAFT WALL ASSEMBLY  
JOB / CLIENT: HUDSON YARDS - ISMAEL LEYVA ARCHITECTS  
DUR REF.: 71408  
DATE: Sept. 4, 2014

WALL TYPE	UL DES. NO.	FIRE RATING	STC RATING	REMARKS
SHAFTWALL		3 HR		
H2.4				DURASYSTEMS SHAFTWALL 8" TYP. LOCATION - AT LIRR & TOWER C OAI SHAFTS



DATE OF PRINT: 2015-01-20  
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CHECKED BY: 77  
PROJECT NUMBER:  
SHEET TITLE: MISCELLANEOUS PARTITION WALL DETAILS  
DRAWING NO.:

**A-014.00**

**OWNER:**  
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Diller Scofidio+Renfro  
601 West 88 Street-1815  
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Rockwell Group  
5 Union Square, West  
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**STRUCTURAL ENGINEER:**  
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80 Pine Street  
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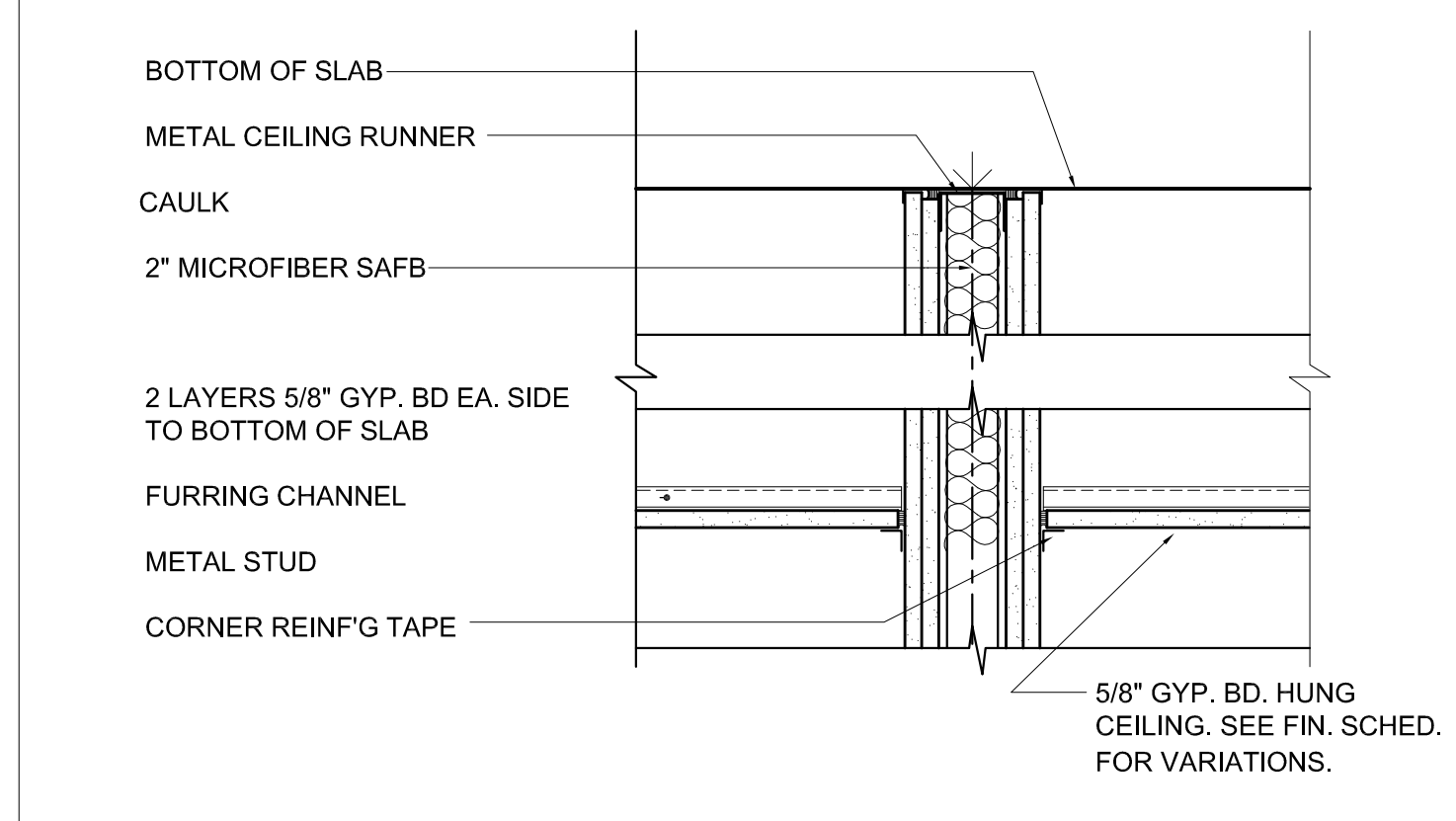
**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5388

**VERTICAL TRANSPORTATION:**  
Van Driessen & Associates  
5 Regent Street, Suite 504  
Livingston, NJ 07039  
T: 873.984.9220

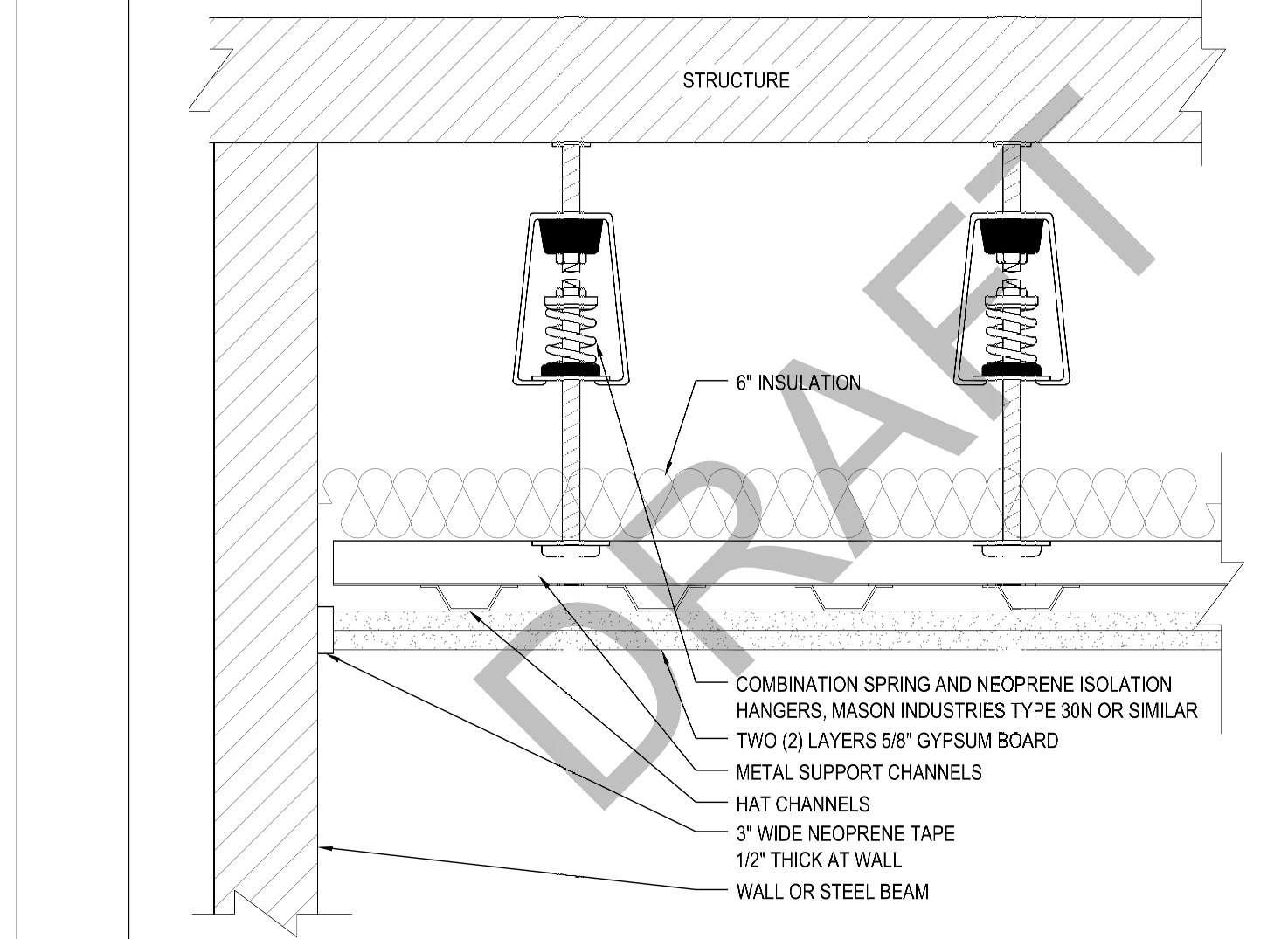
**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
CERAMIC ASSOCIATES INC.  
404 5th Avenue #8  
New York, NY 10018  
T: 212.370.1776

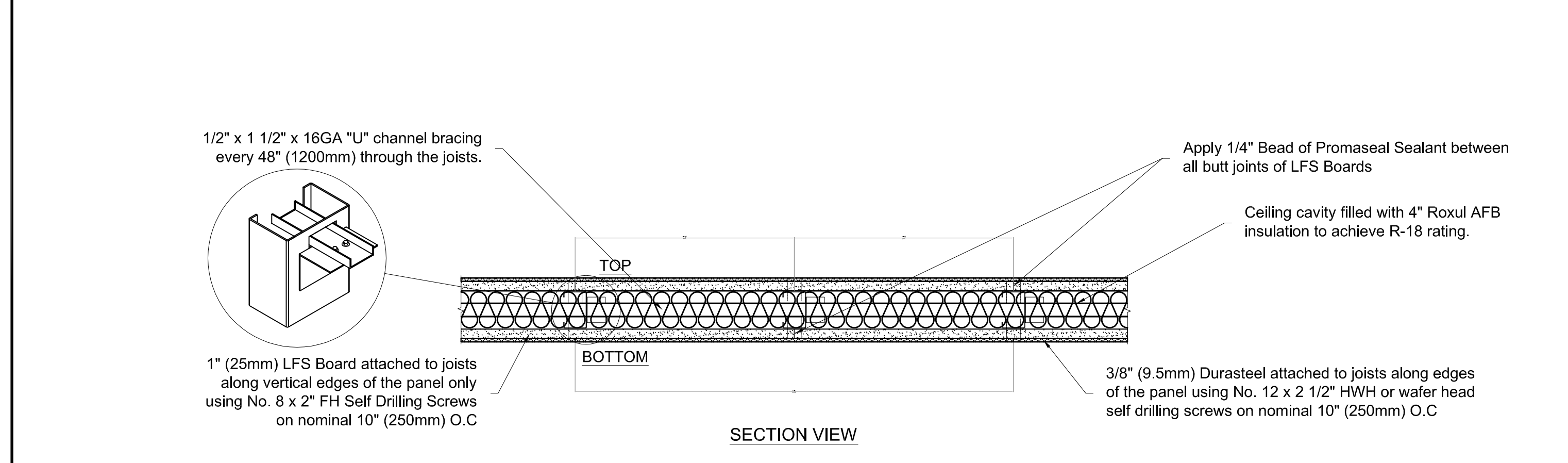
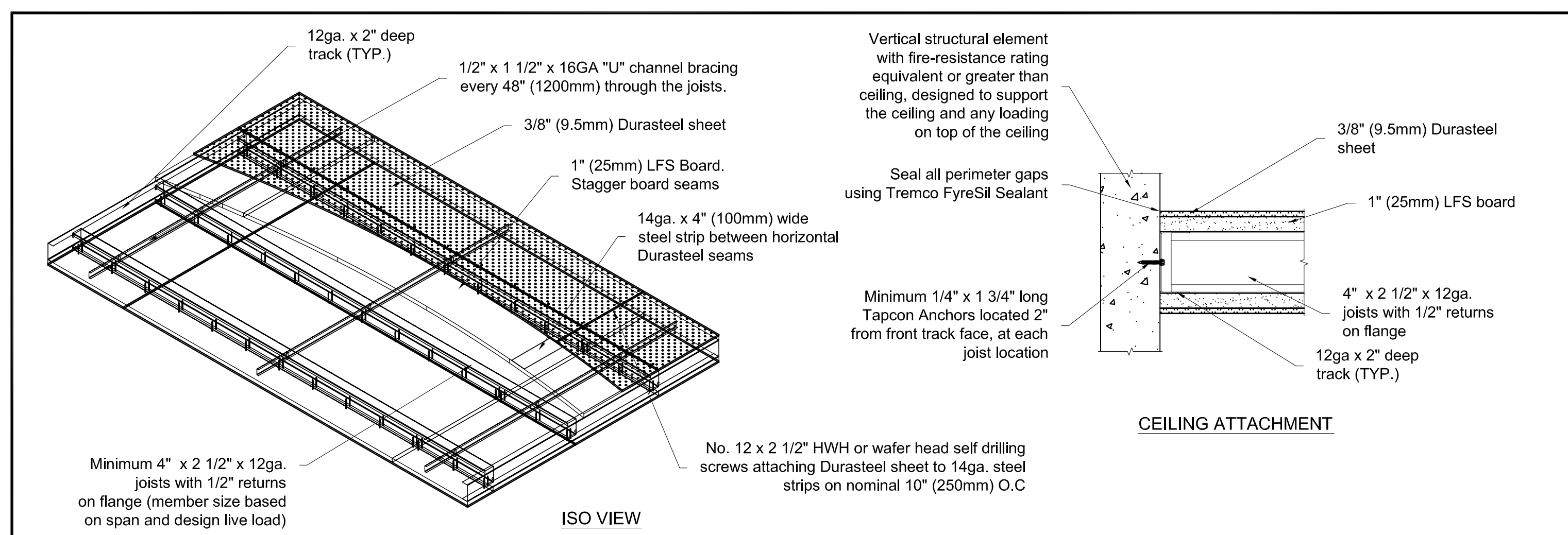
**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270



4 HUNG CEILING @ FIRE RATED PARTITIONS  
SCALE: N.T.S.



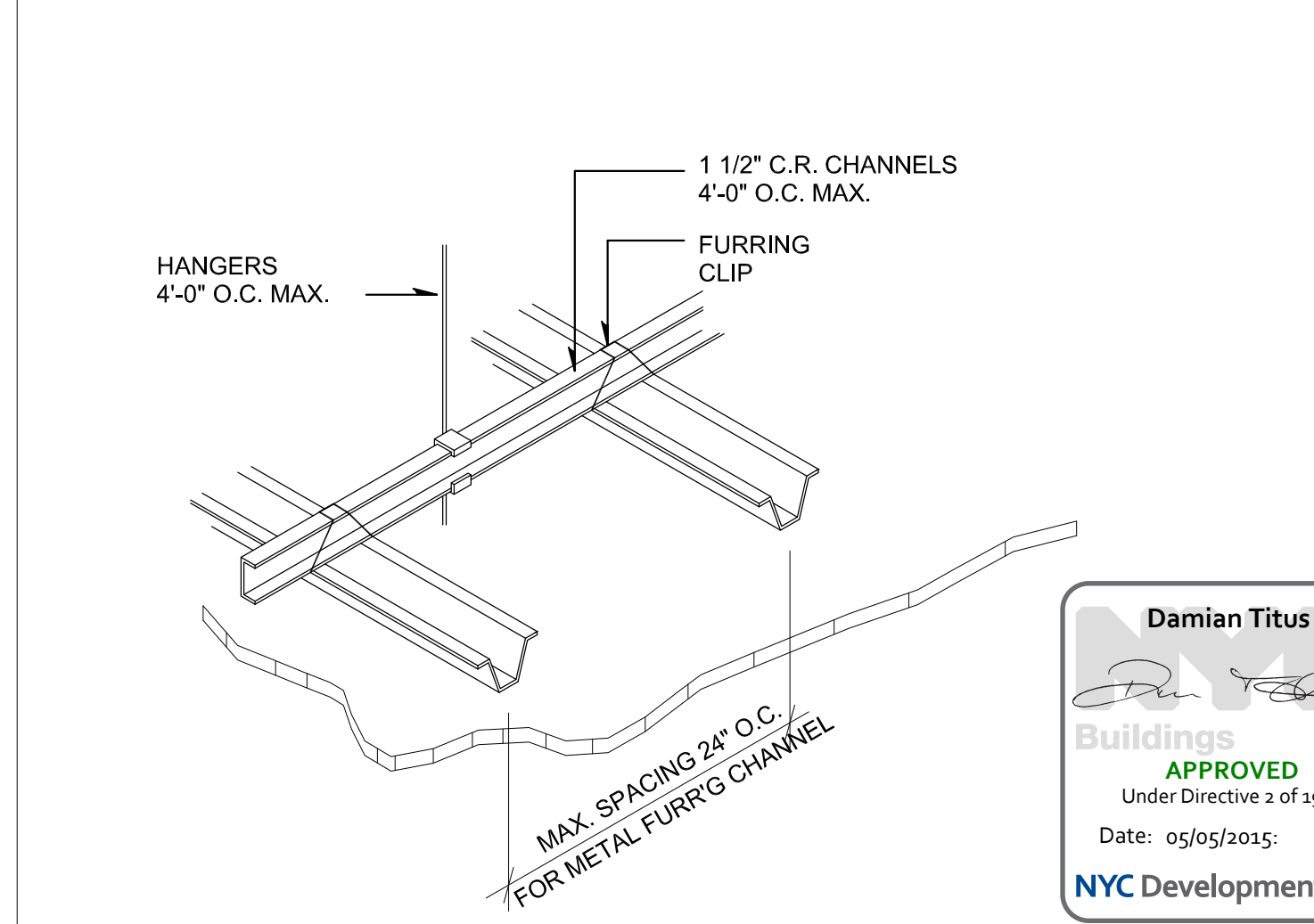
3 HUNG CEILING @ TRANSFER FLOORS  
SCALE: N.T.S.



 159 Courland Ave. Vaughan, ON, Canada L4K 4T2 (905) 660-4455 www.durasystems.com	SYSTEM: 3 HOUR FIRE RATED, R-18, DURASTEEL CEILING ASSEMBLY JOB/CLIENT: HUDSON YARDS - ISMAEL LEYVA ARCHITECTS	OUR REF.: 71408 DATE: Sept. 4, 2014
	No. 12 x 2 1/2\"/>	

5 DURASYSTEM CEILING ASSEMBLY  
SCALE: N.T.S.

2 TYP. LAY-IN ACOUSTICAL TILE CLNG. DETAIL  
SCALE: N.T.S.



1 GYPSUM WALLBOARD HUNG CLNG. DETAILS  
SCALE: N.T.S.

SHEET NOTES:

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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UPDATED DOB SET	01.20.2015



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 CHECKED BY: 77  
 PROJECT NUMBER:  
 SHEET TITLE: CEILING TYPES & DETAILS  
 DRAWING NO.

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**SHEET NOTES:**

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**DATE OF PRINT**  
2015-01-02

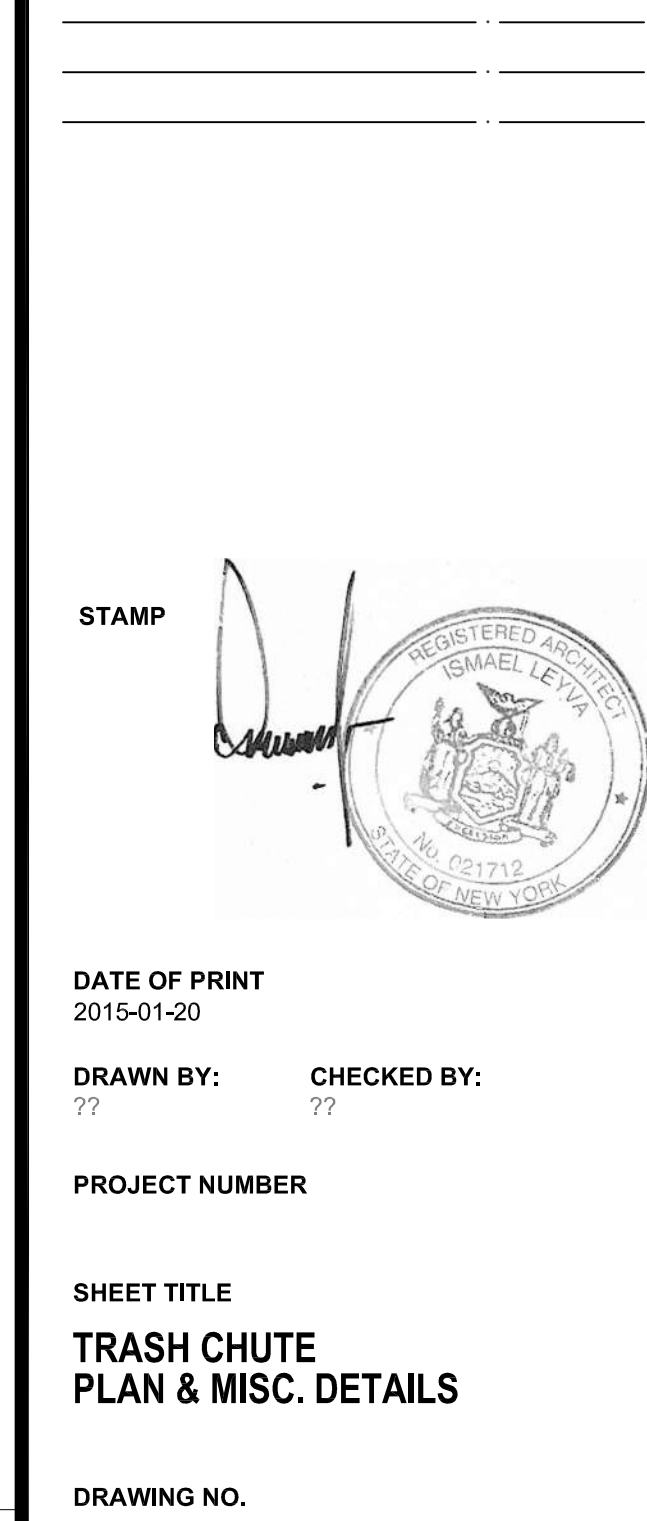
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**CHECKED BY:** 77

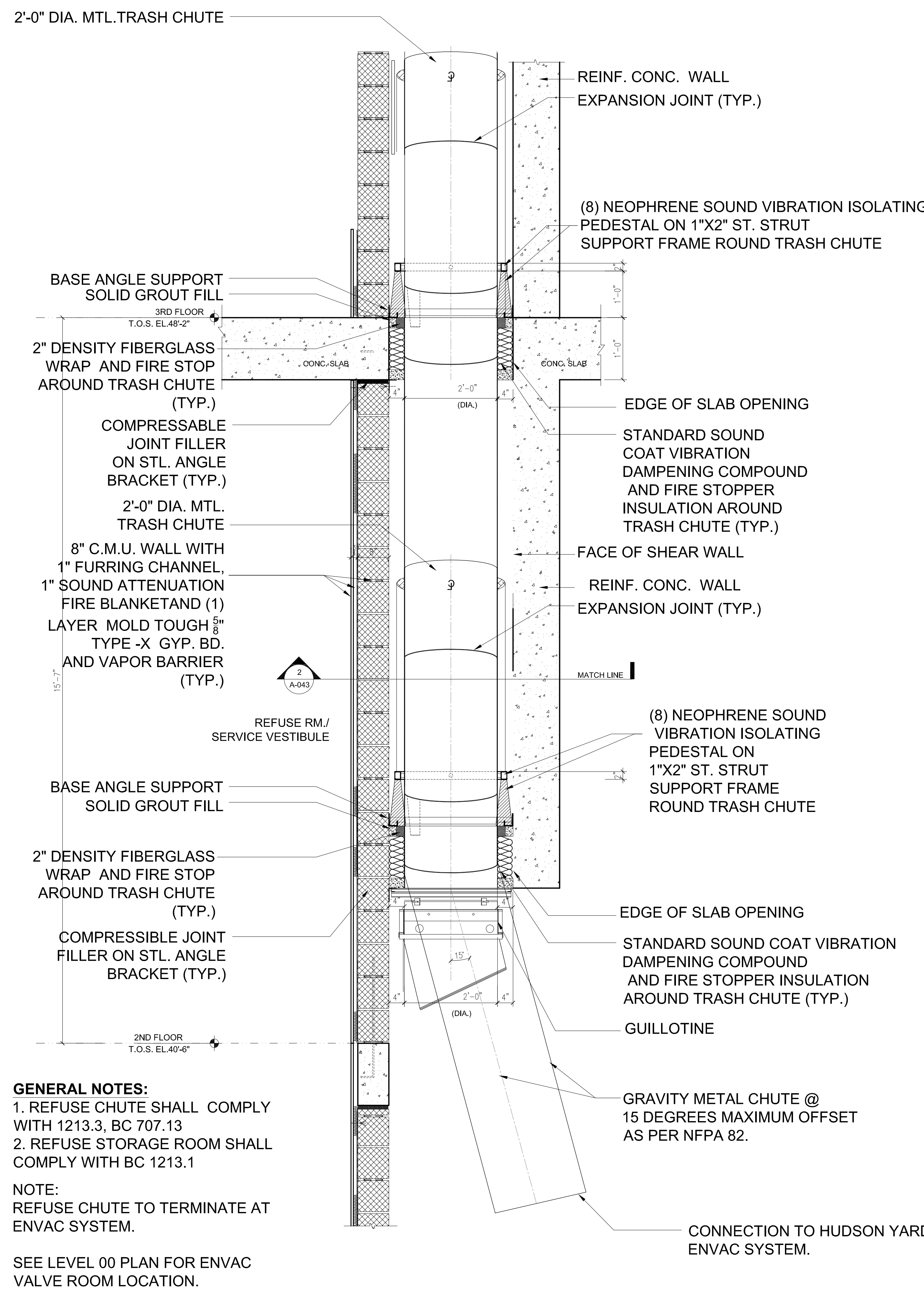
**PROJECT NUMBER**

**SHEET TITLE**  
TRASH CHUTE  
PLAN & MISC. DETAILS

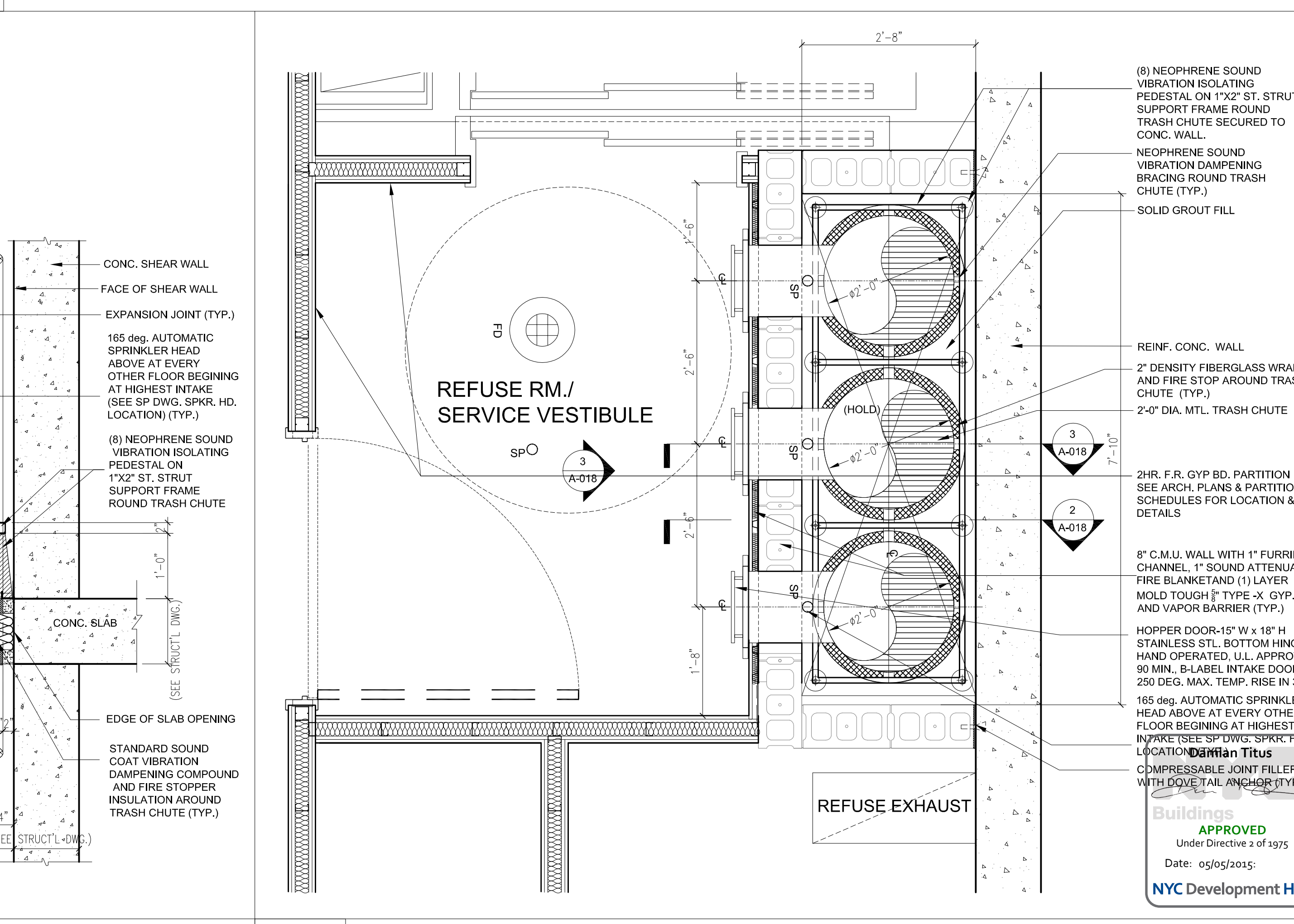
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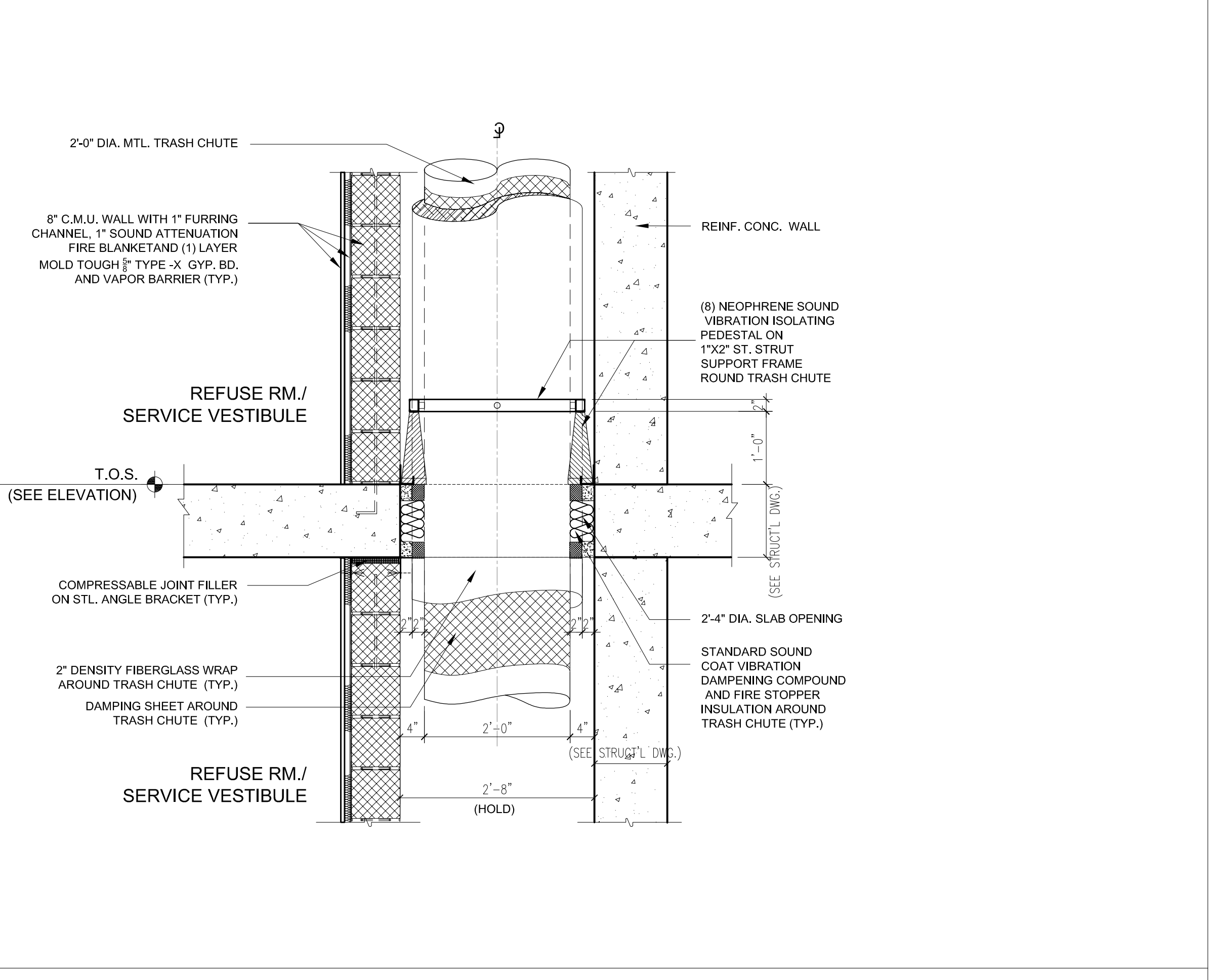
DATE: 09/25/2015  
APPROVED Under Directive 2 of 1975  
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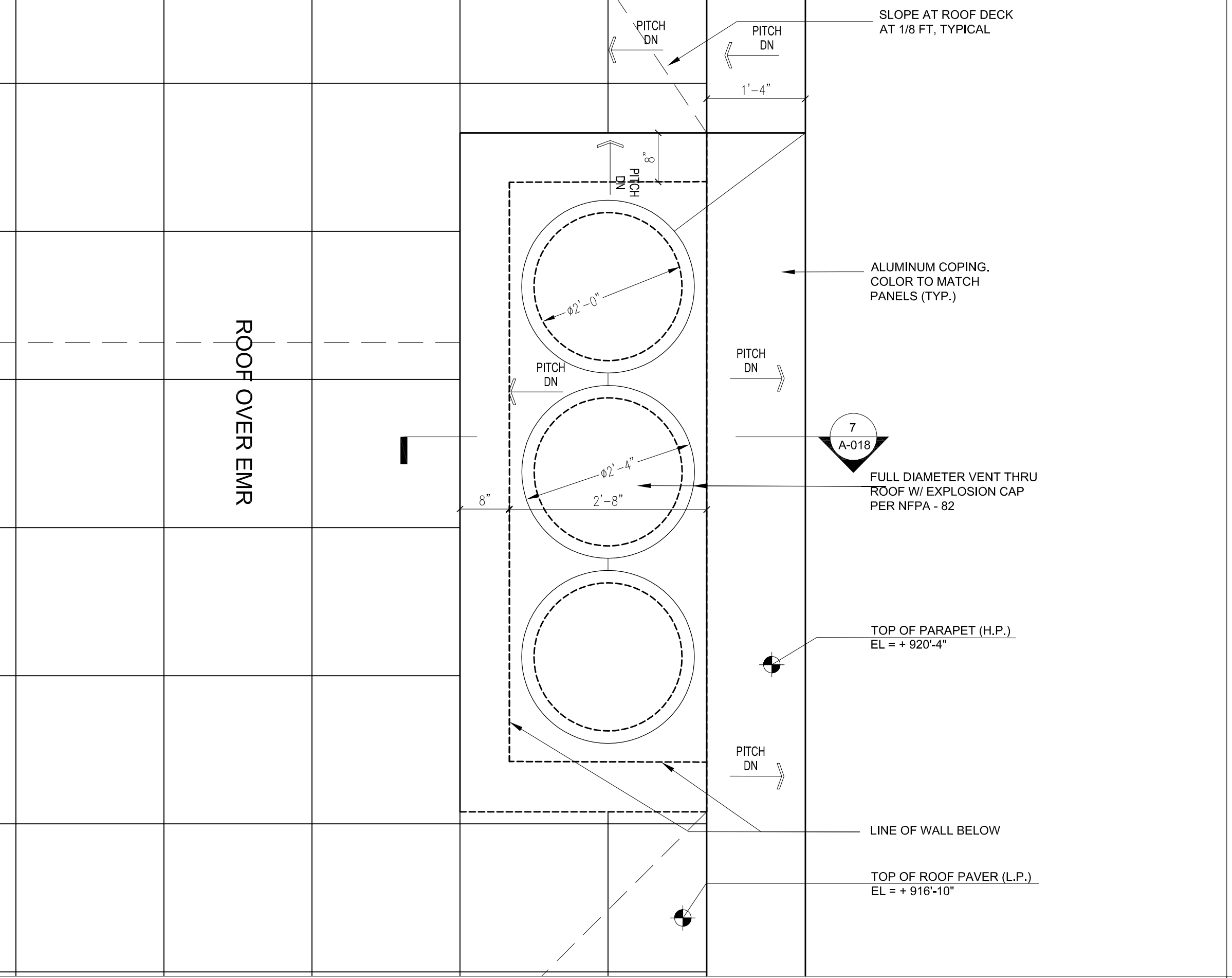
**2** DETAIL OF TRASH CHUTE @ LEVEL 00  
SCALE: 1/2" = 1'-0"



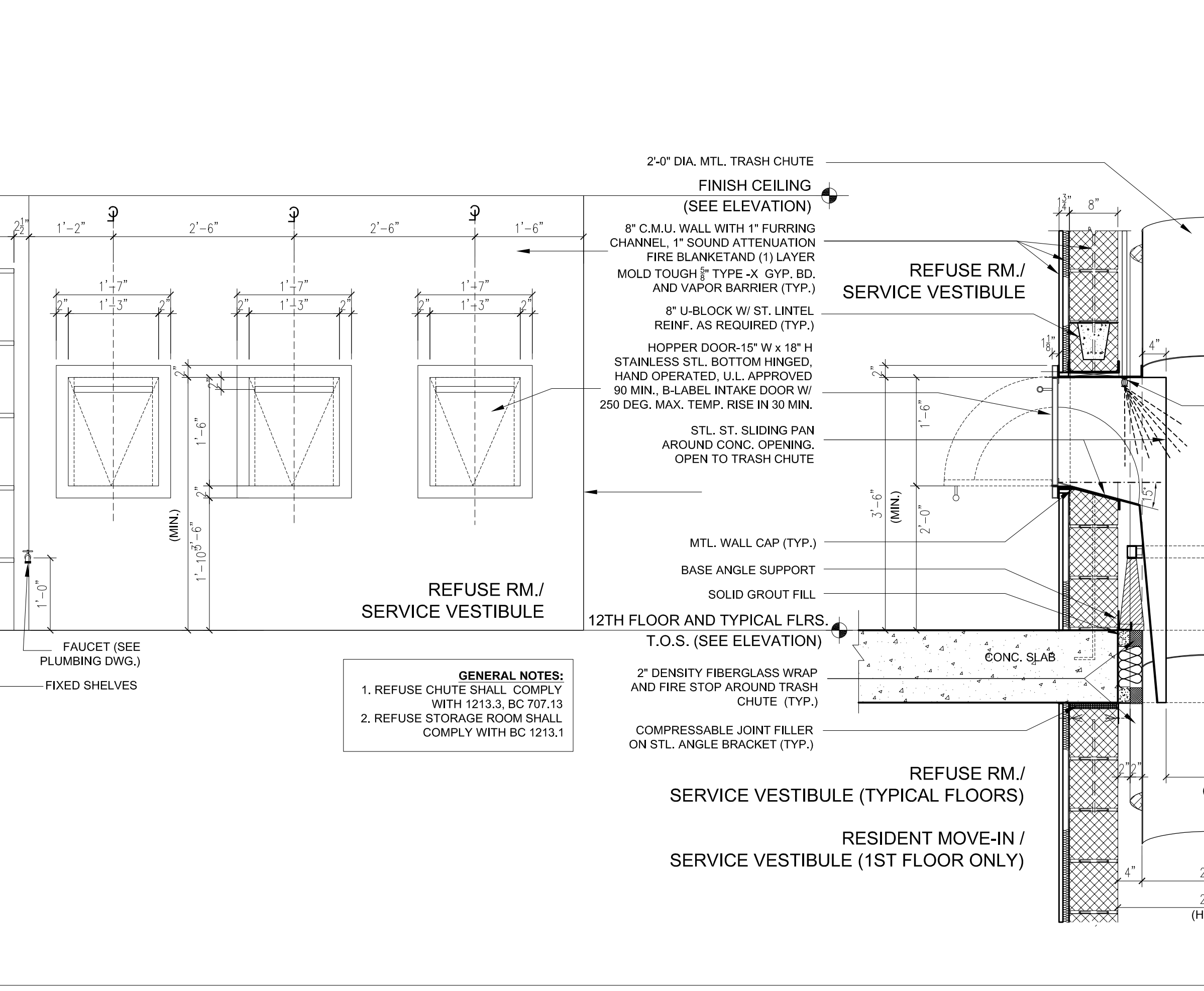
**1** TYPICAL PLAN DETAIL @ TRASH CHUTE  
SCALE: 1/2" = 1'-0"



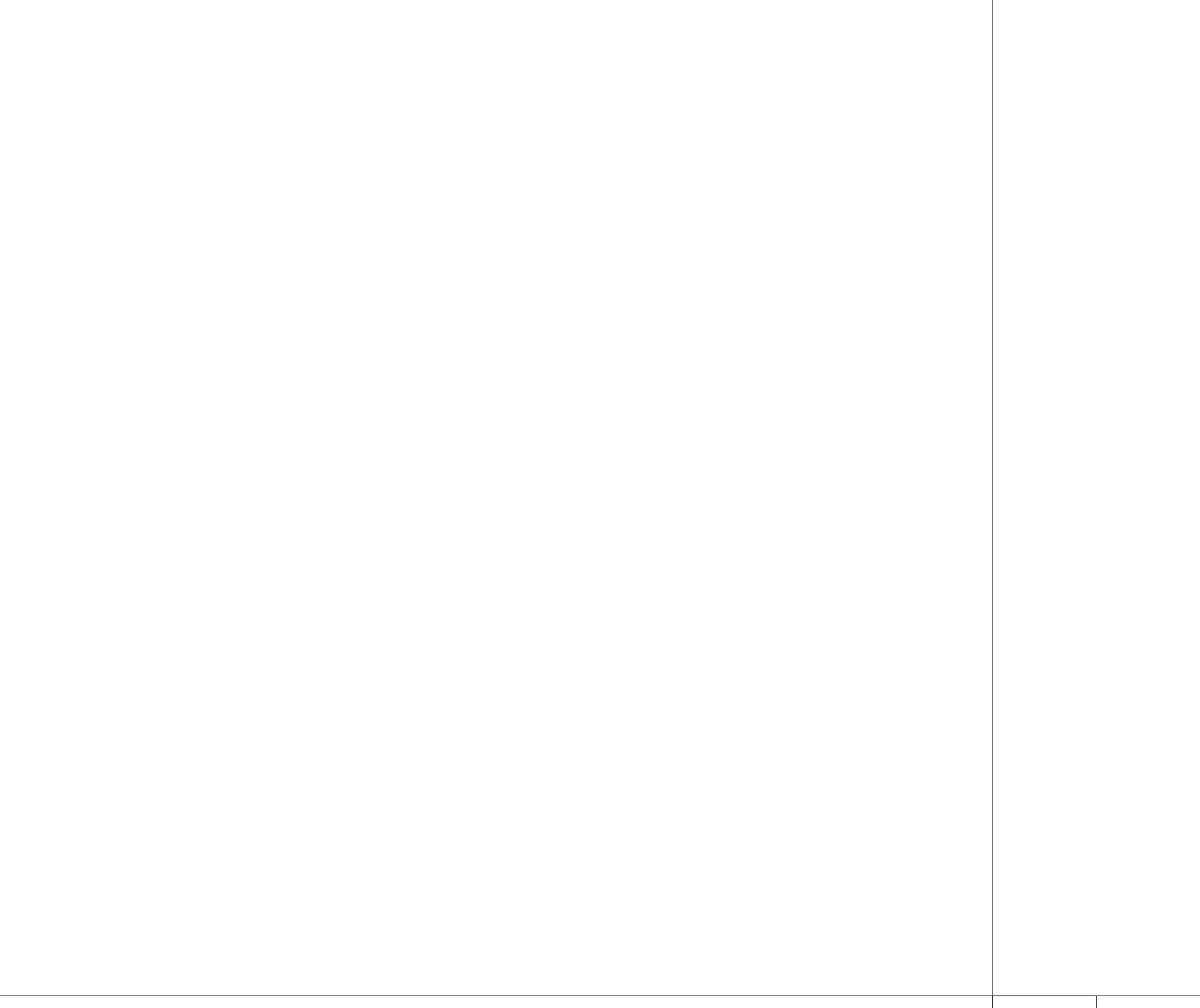
**5** TRASH CHUTE DETAIL  
SCALE: 1/2" = 1'-0"



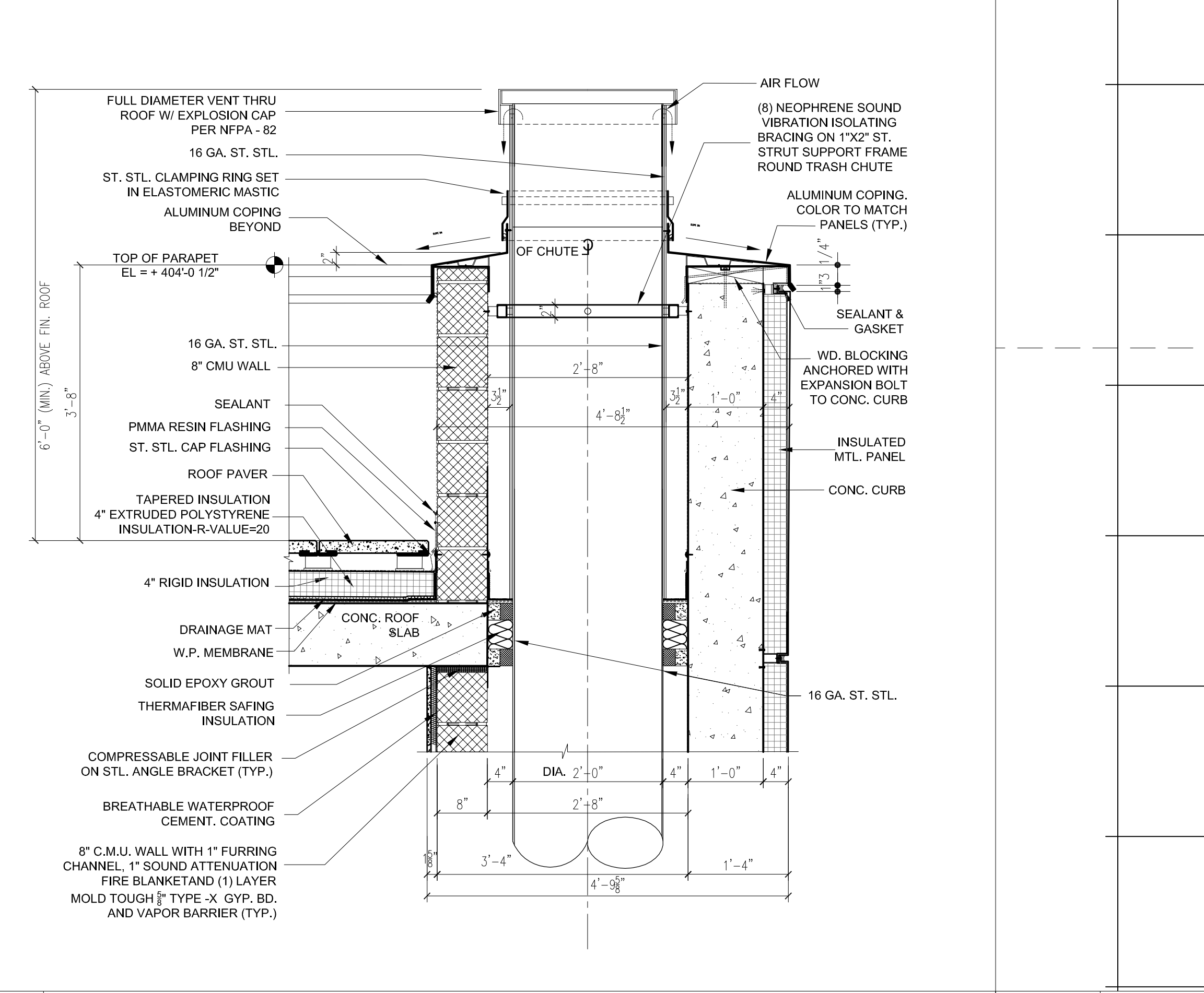
**4** PARTIAL ROOF PLAN DETAIL AT TRASH CHUTE FLUE  
SCALE: 1/2" = 1'-0"



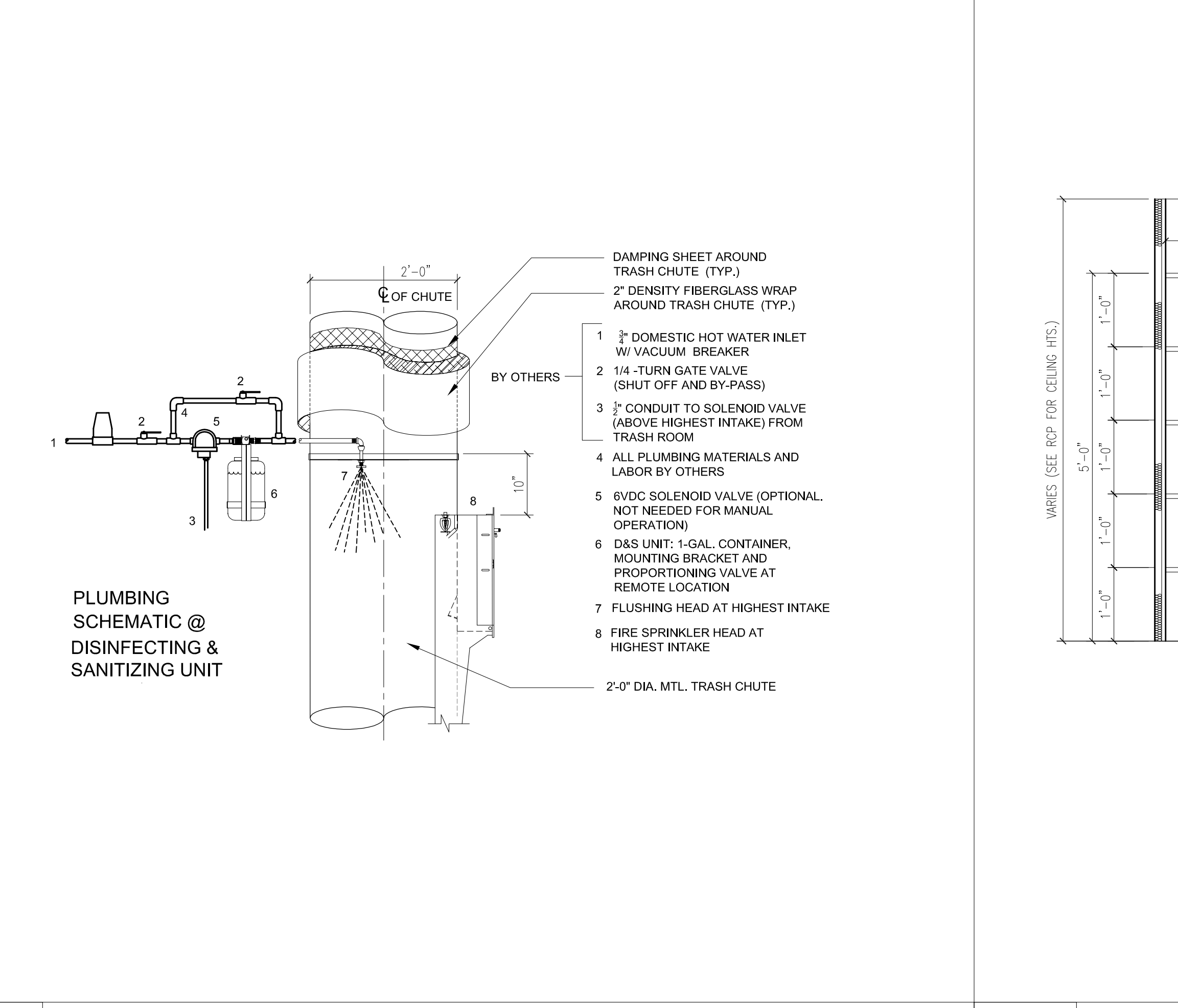
**3** TYPICAL TRASH CHUTE SECTION DETAIL AND ELEVATION  
SCALE: 1/2" = 1'-0"



**7** TRASH CHUTE DETAIL  
SCALE: 1/2" = 1'-0"



**7** TRASH CHUTE DETAIL  
SCALE: 1/2" = 1'-0"



**6** TRASH CHUTE DETAIL  
SCALE: 1/2" = 1'-0"

15 HUDSON YARDS  
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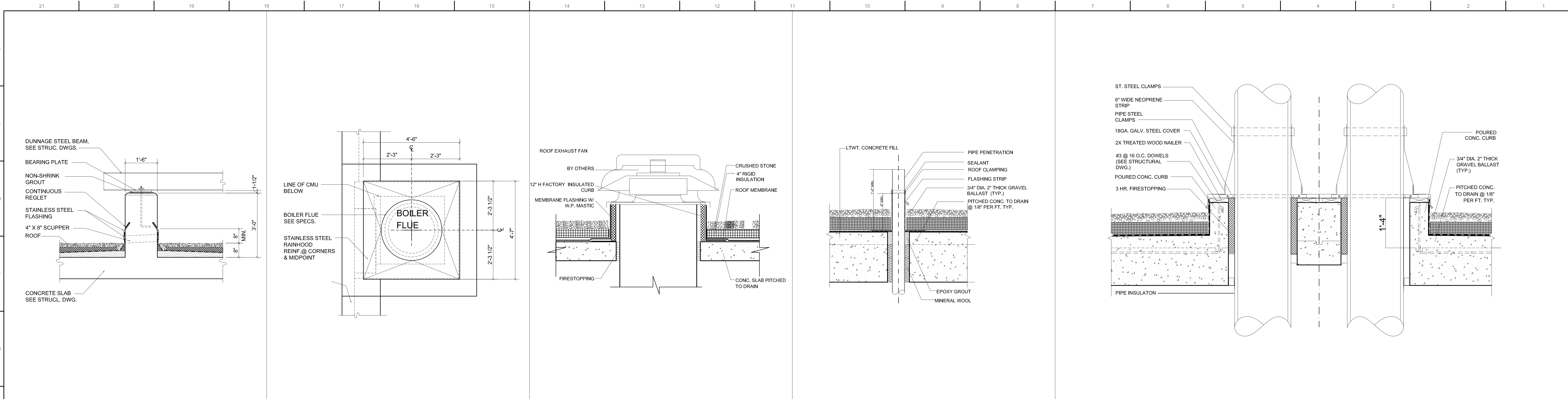
**EXTERIOR WALL CONSULTANT:**  
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300 Park Avenue South, 15th Floor  
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**LANDSCAPE DESIGNER:**  
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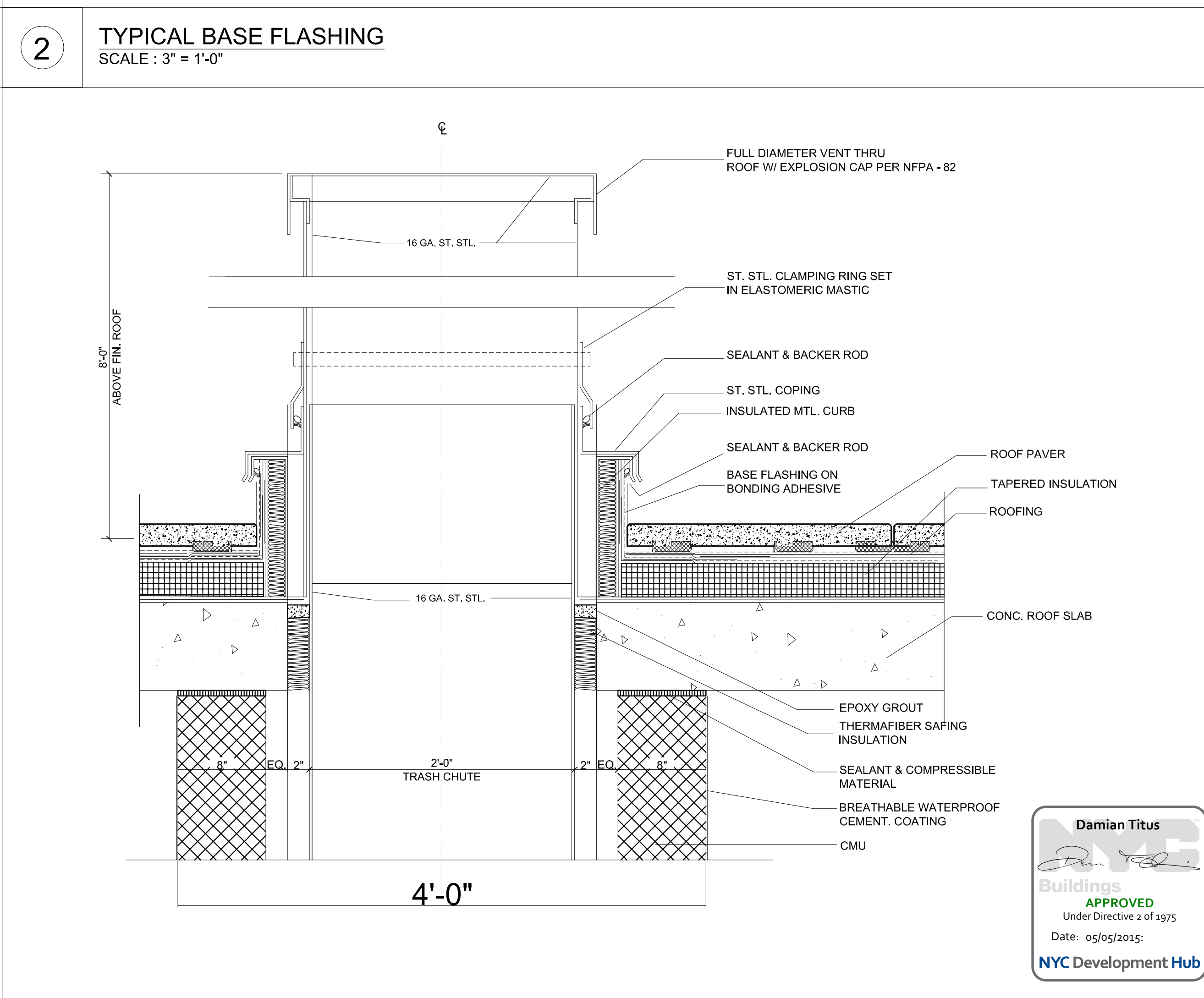
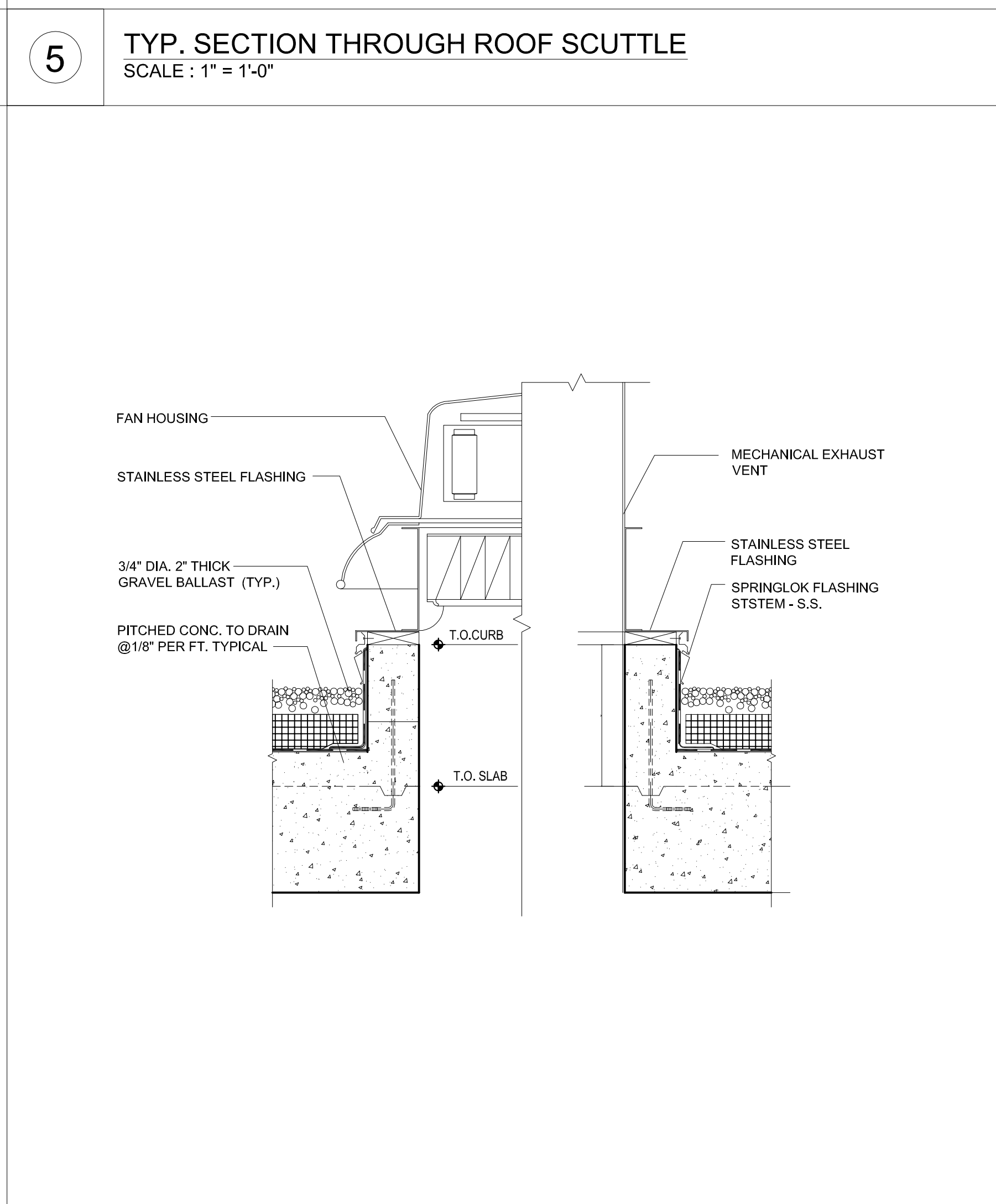
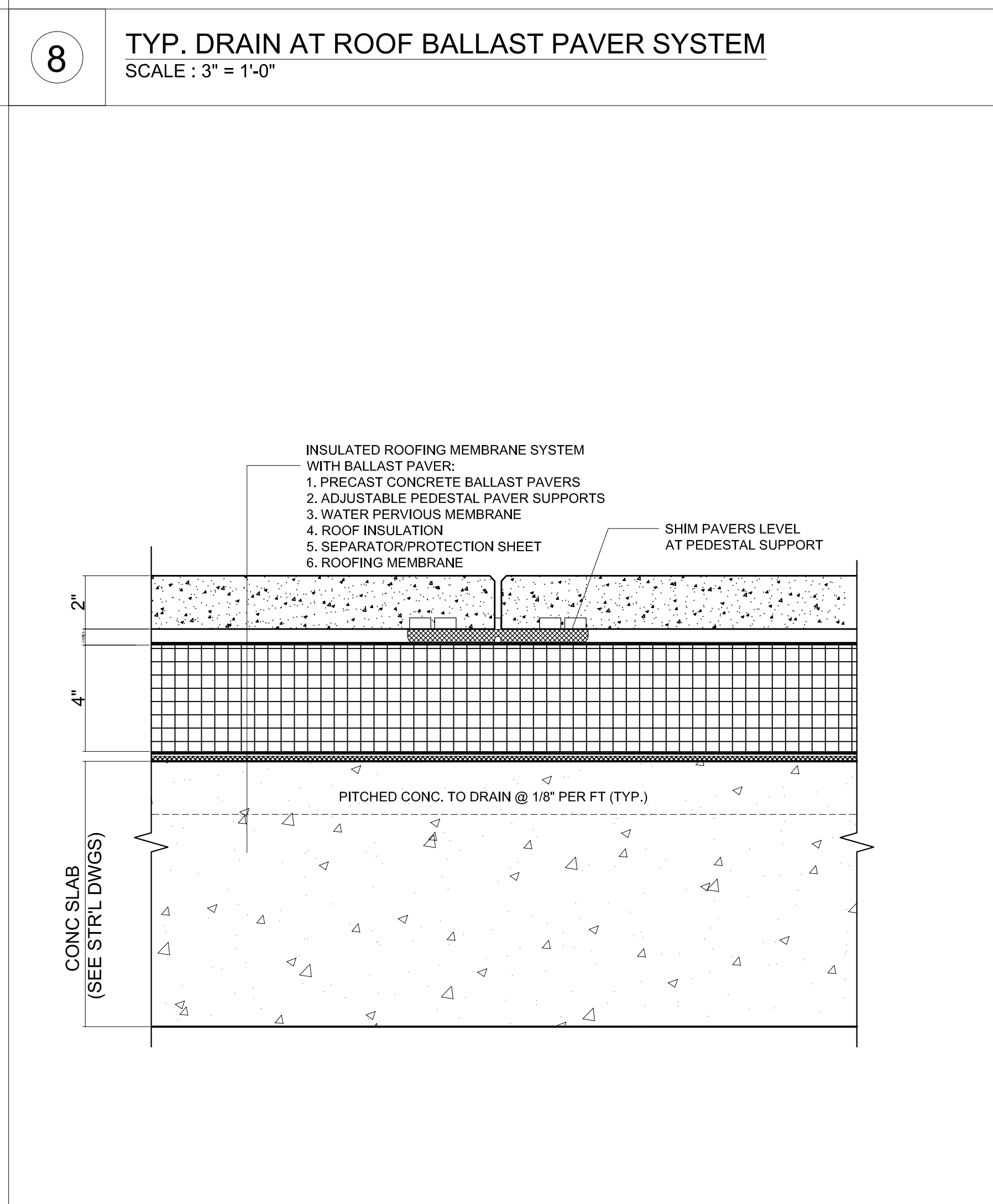
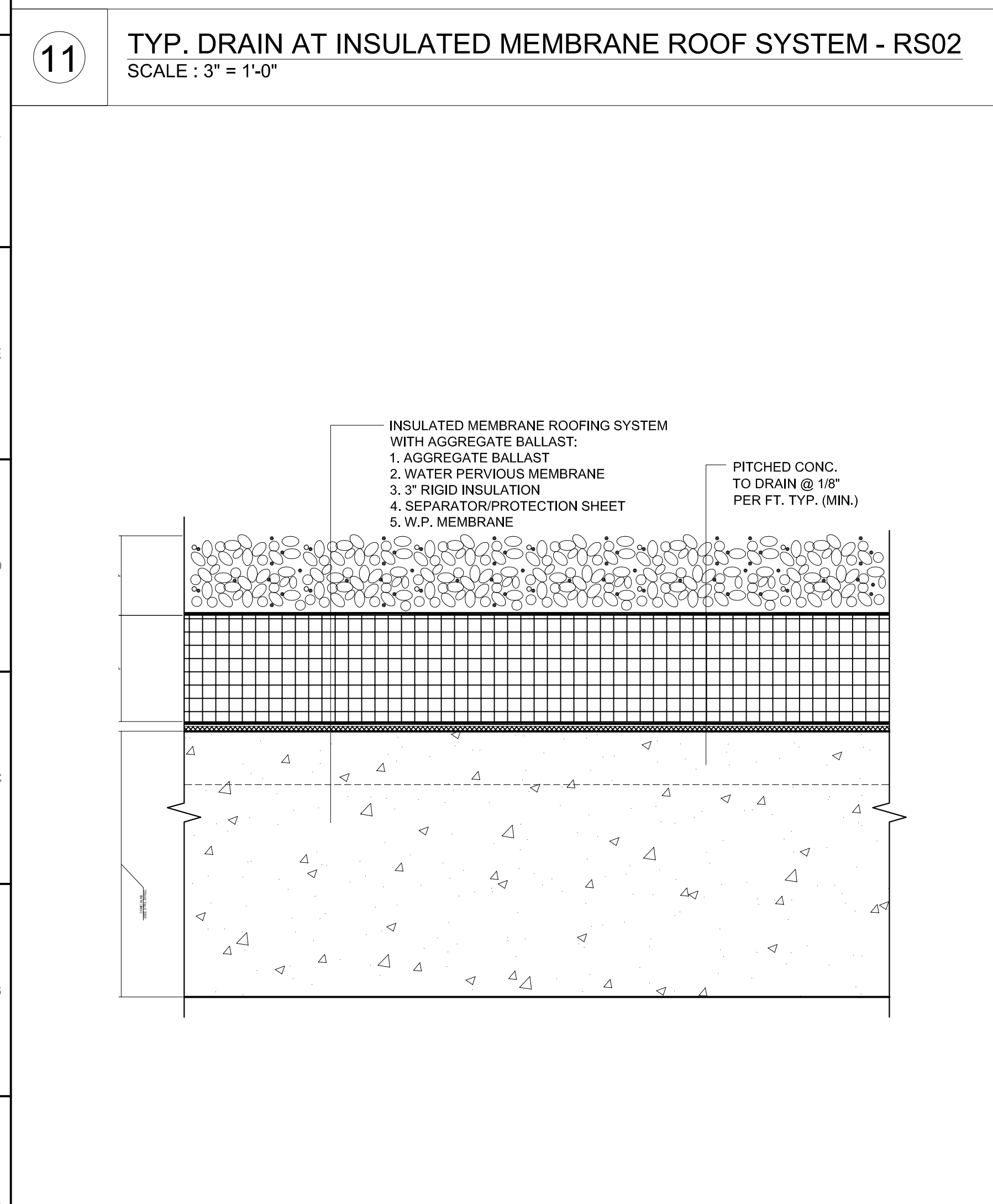
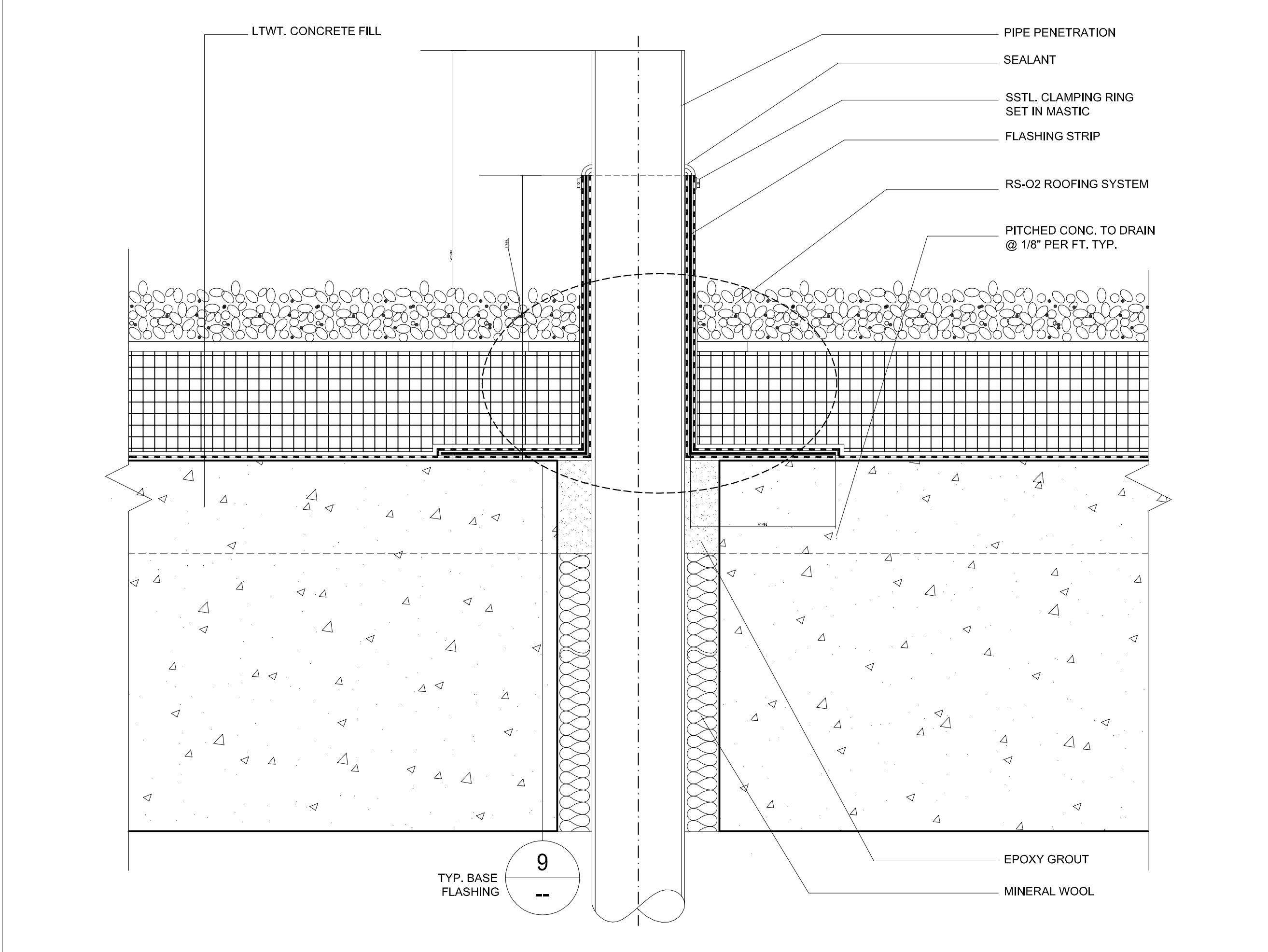
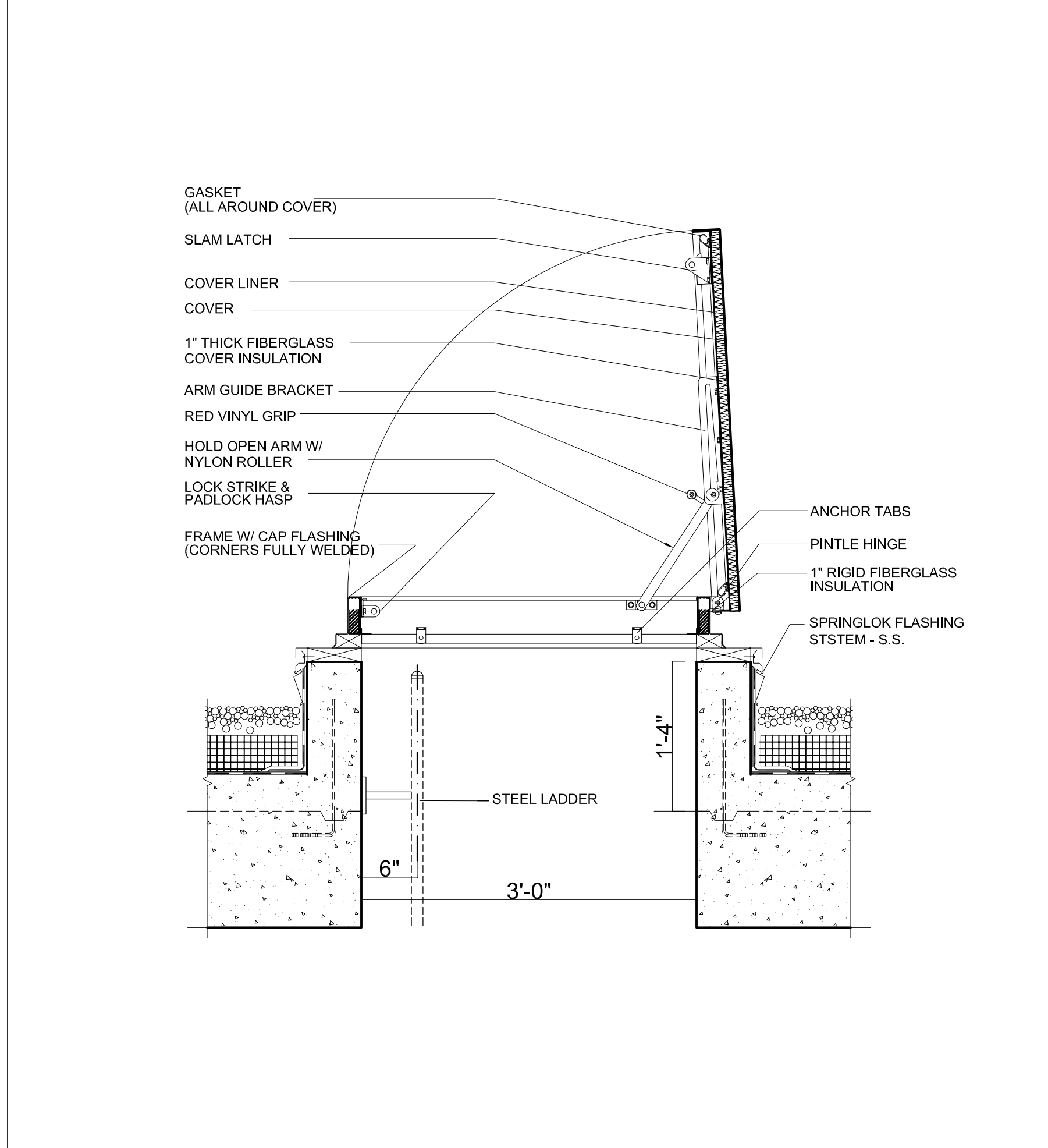
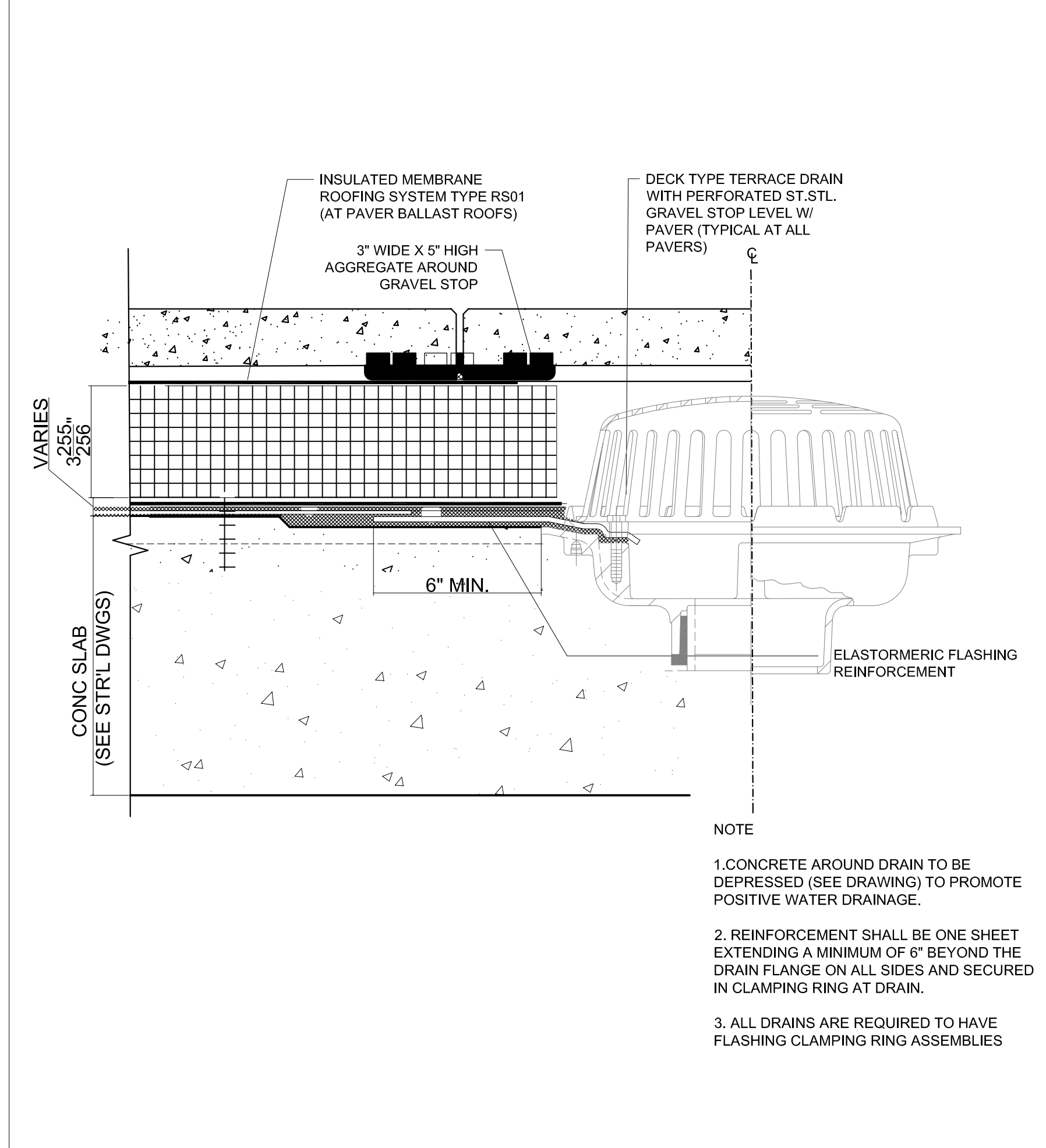
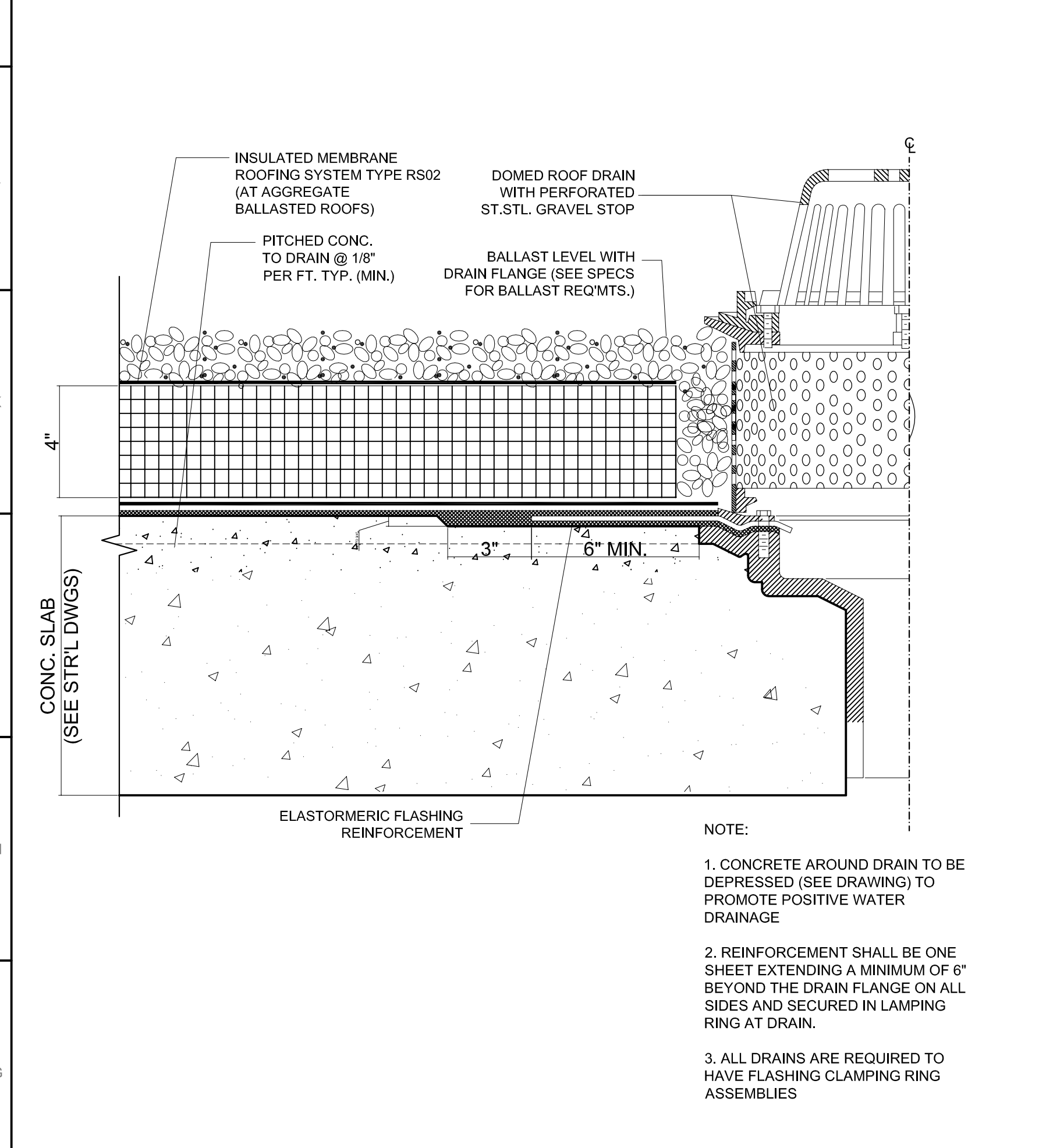
**13** **DETAIL OF WATER TANK / COOLING TOWER DUNNAGE SUPPORT** SCALE : N.T.S.

**12** **BOILER FLUE RAIN HOOD @ BULKHEAD PLAN VIEW** SCALE : N.T.S.

**9** **TYP. ROOF EXHAUST FAN** SCALE : 1" = 1'-0"

**6** **TYP. SINGLE PIPE ROOF PENETRATION** SCALE : 1" = 1'-0"

**3** **TYP. MULTIPLE ROOF PIPE PENETRATION** SCALE : 1" = 1'-0"



**SHEET NOTES:**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.08.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
FOUNDATION BID SET REV. 2	09.02.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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2015-01-20

**DRAWN BY:** 77 **CHECKED BY:** 77

**PROJECT NUMBER**

**SHEET TITLE**  
TYPICAL ROOF DETAILS - 1

**DRAWING NO.**



**A-019.00**

15HY Door Schedule table with columns: WT, Mark, Type, Width, Height, Thickness, Frame Material, Jamb Type, Head Type, Saddle Type, Hardware Set, Fire Rating, Construction Scope, Other Remarks. Includes sections for SUB-CELLAR LVL, CELLAR LVL, LEVEL 00, 1ST FL - 31ST LVL, 3RD FL, 4TH FL, 5TH FL, 6TH FL, 7TH FL, and 8TH FL.

15HY Door Schedule table with columns: WT, Mark, Type, Width, Height, Thickness, Frame Material, Jamb Type, Head Type, Saddle Type, Hardware Set, Fire Rating, Construction Scope, Other Remarks. Includes sections for 9TH FL, 10TH FL, 11TH FL, and 11\_11th Floor RCP Mezz.

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SHEET NOTES:

KEY PLAN

ISSUE SET DATE

SCHEMATIC DESIGN ISSUE 02.15.2013

REVISED BID ISSUE 05.06.2013

EXTERIOR WALL 75% DD 09.09.2013

EXTERIOR WALL PRELIM. BID 11.05.2013

D.O.B. INTIAL FILING 11.22.2013

FINAL SD ISSUE 11.25.2013

EXTERIOR WALL BID SET 01.27.2014

E.W. BID SET ADDENDUM 1 03.05.2014

FOUNDATION BID SET 06.02.2014

FOUNDATION BID SET REV.1 06.20.2014

SUPERSTRUCTURE BID SET 11.17.2014

FINAL SD ISSUE - REVISED 08.25.2014

DESIGN DEVELOPMENT SET 12.22.2014

UPDATED DOB SET 01.20.2015

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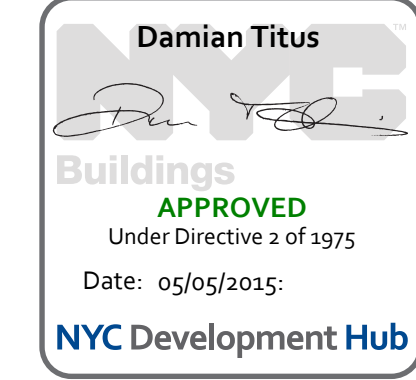
PROJECT NUMBER

TITLE

DOOR SCHEDULE-1

DRAWING NO.

A-020.00



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**SHEET NOTES:**

**KEY PLAN**

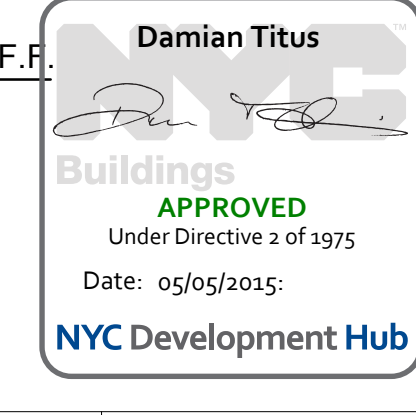
ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED ID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.26.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/20/2015 9:15:02 PM

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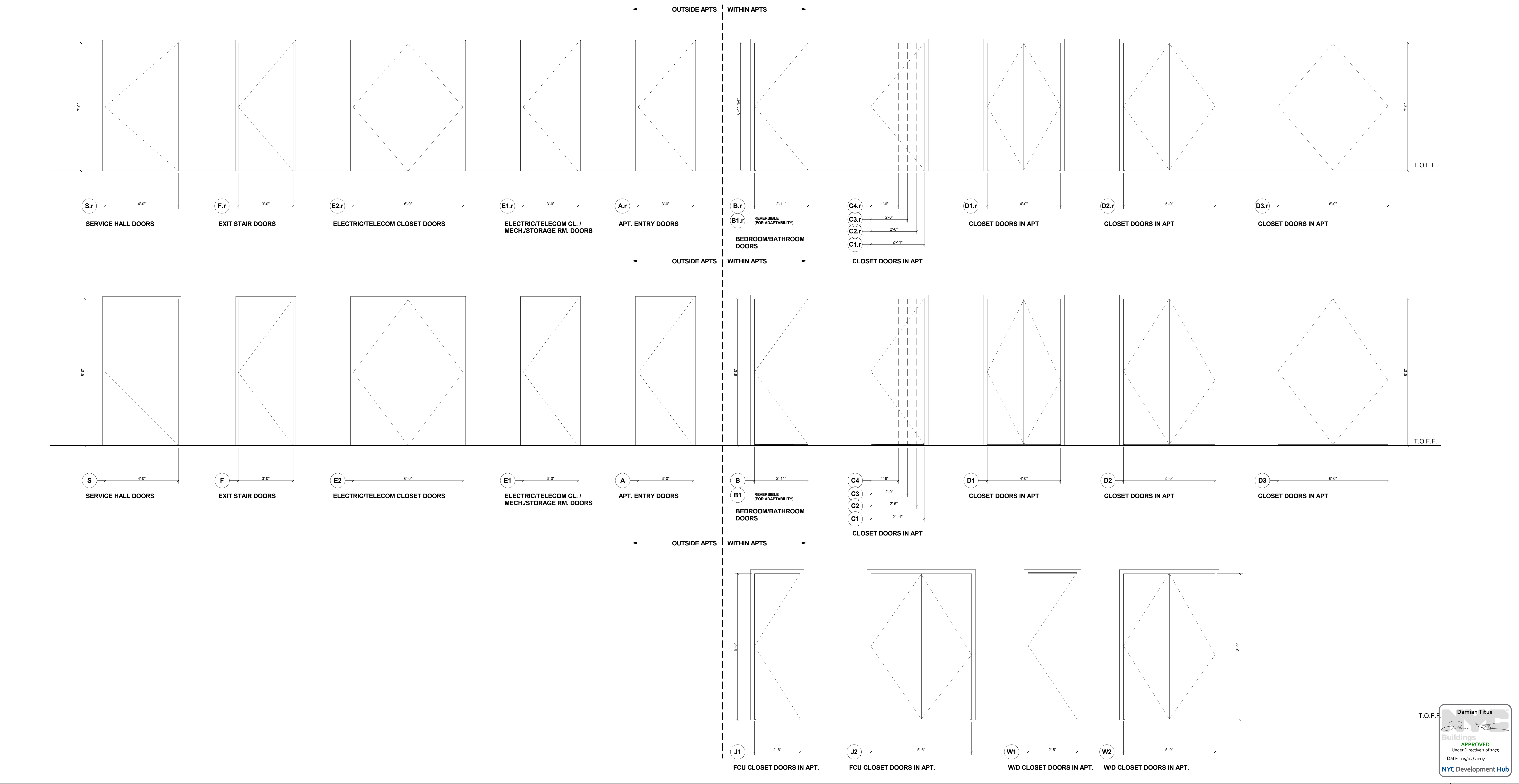
**PROJECT NUMBER:**



**TITLE:**  
DOOR SCHEDULES & DETAILS 1  
TYP. RESIDENTIAL FLOORS

**DRAWING NO.:**  
1

Door ID	Door Type	Description	Door Leaf Width	Door Leaf Height	Door Leaf Thickness	Door Leaf Material	Jamb Type	Head Type	Saddle Type	Fire Rating	Hardware Set #	Other Remarks
7' - 0"												
A.r	APARTMENT ENTRANCE		3' - 0"	7' - 0"	1 3/4"	HM	J1	H1	S1	1.5 HR FPSC	1	Gasketed + Automatic Door Bottom Rubber Seals
B1.r	BEDROOM/BATHROOM (REVERSIBLE)		2' - 11"	7' - 0"	1 3/8"	Hollow Core Flush Wood	J3	H3	S2/S3		2	
B.r	BEDROOM/BATHROOM		2' - 11"	7' - 0"	1 3/8"	Hollow Core Flush Wood	J2	H2	S2/S3		2	
C1.r	CLOSET (SINGLE)		1' - 6"	7' - 0"	1 3/8"	Hollow Core Flush Wood	J2	H2	S4		3	
C2.r	CLOSET (SINGLE)		2' - 0"	7' - 0"	1 3/8"	Hollow Core Flush Wood	J2	H2	S4		3	
C3.r	CLOSET (SINGLE)		2' - 6"	7' - 0"	1 3/8"	Hollow Core Flush Wood	J2	H2	S4		3	
C4.r	CLOSET (SINGLE)		2' - 11"	7' - 0"	1 3/8"	Hollow Core Flush Wood	J2	H2	S4		3	
D1.r	CLOSET (DOUBLE)		4' - 0"	7' - 0"	1 3/8"	Hollow Core Flush Wood	J2	H2	S4		4	
D2.r	CLOSET (DOUBLE)		5' - 0"	7' - 0"	1 3/8"	Hollow Core Flush Wood	J2	H2	S4		4	
E1.r	ELECTRIC/IT/STORAGE CLOSET (SINGLE)		3' - 0"	7' - 0"	1 3/4"	HM	J5	H5	S5/S6	1.5 HR FPSC	6	
E2.r	ELECTRIC CLOSET (DOUBLE)		6' - 0"	7' - 0"	1 3/4"	HM	J5	H5	S5	1.5 HR FPSC	7	180 Degree Hinge
F.r	EXIT STAIR		3' - 0"	7' - 0"	1 3/4"	HM	J5	H5	S5	1.5 HR FPSC	8	Gasketed
S.r	SERVICE HALL		4' - 0"	7' - 0"	1 3/4"	HM	J5	H5	S6	1.5 HR FPSC	9	Gasketed
8' - 0"												
A	APARTMENT ENTRANCE		3' - 0"	8' - 0"	1 3/4"	Solid Core Flush Wood or HM	J10	H10	S10	1.5 HR FPSC	10	Gasketed + Automatic Door Bottom Rubber seals
B	BEDROOM/BATHROOM		2' - 11"	8' - 0"	1 3/4"	Solid Core Flush Wood					11	
B1	BEDROOM/BATHROOM (REVERSIBLE)		2' - 11"	8' - 0"	1 3/4"	Solid Core Flush Wood					11	
C1	CLOSET (SINGLE)		1' - 6"	8' - 0"	1 3/4"	Solid Core Flush Wood	J13	H13	S13		12	
C2	CLOSET (SINGLE)		2' - 0"	8' - 0"	1 3/4"	Solid Core Flush Wood					12	
C3	CLOSET (SINGLE)		2' - 6"	8' - 0"	1 3/4"	Solid Core Flush Wood	J13	H13	S13		12	
C4	CLOSET (SINGLE)		2' - 11"	8' - 0"	1 3/4"	Solid Core Flush Wood					12	
D1	CLOSET (DOUBLE)		4' - 0"	8' - 0"	1 3/4"	Solid Core Flush Wood	J13	H13	S13		13	
D2	CLOSET (DOUBLE)		5' - 0"	8' - 0"	1 3/4"	Solid Core Flush Wood					13	
D3	CLOSET (DOUBLE)		6' - 0"	8' - 0"	1 3/4"	Solid Core Flush Wood	J13	H13	S13		13	
E1	ELECTRIC CLOSETS & MECHANICAL ROOMS (SINGLE)		3' - 0"	8' - 0"	1 3/4"	HM	J15	H15	S15	1.5 HR FPSC	16	
E2	ELECTRIC CLOSET (DOUBLE)		6' - 0"	8' - 0"	1 3/4"	HM	J15	H15	S15	1.5 HR FPSC	16	180 Degree Hinge
E3	ELECTRIC CLOSET (DOUBLE)		7' - 0"	8' - 0"	1 3/4"	HM	J15	H15	S15	1.5 HR FPSC	16	180 Degree Hinge
F	EXIT STAIR		3' - 0"	8' - 0"	1 3/4"	HM	J15	H15	S15	1.5 HR FPSC	18	
J1	FCU CLOSET (SINGLE)		2' - 6"	8' - 0"	1 3/4"	Solid Core Flush Wood	J13	H13	S13		12	
J2	FCU CLOSET (DOUBLE)		5' - 6"	8' - 0"	1 3/4"	Solid Core Flush Wood	J13	H13	S13		13	
P1	BEDROOM/BATHROOM (POCKET DOOR)		3' - 0"	8' - 0"	1 3/4"	Solid Core Flush Wood					14	
P2	BEDROOM/BATHROOM (POCKET DOOR)		4' - 0"	8' - 0"	1 3/4"	Solid Core Flush Wood					14	
P3	BEDROOM/BATHROOM (POCKET DOOR)		6' - 0"	8' - 0"	1 3/4"	Solid Core Flush Wood	J20	H20			14	
S	SERVICE HALL		4' - 0"	8' - 0"	1 3/4"	HM	J15	H15	S16	1.5 HR FPSC	16	Gasketed + Automatic Door Bottom smoke seals
W1	W/D CLOSET (SINGLE)		2' - 8"	8' - 0"	1 3/4"	Solid Core Flush Wood					12	
W2	W/D CLOSET (DOUBLE)		5' - 0"	8' - 0"	1 3/4"	Solid Core Flush Wood	J14	H14	S14		13	



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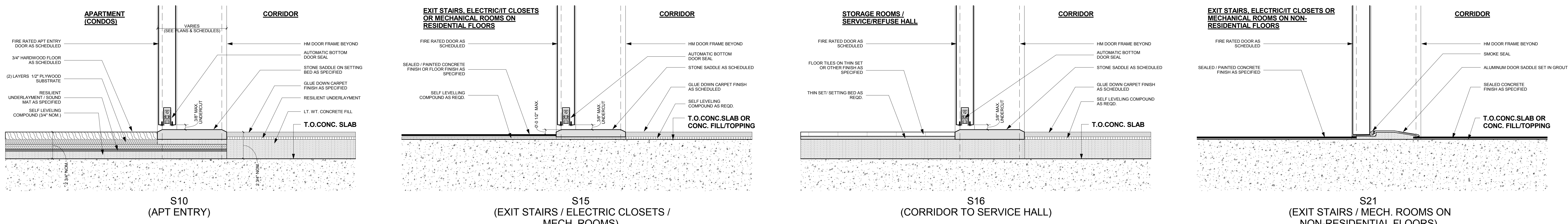
**LEED CONSULTANT:**  
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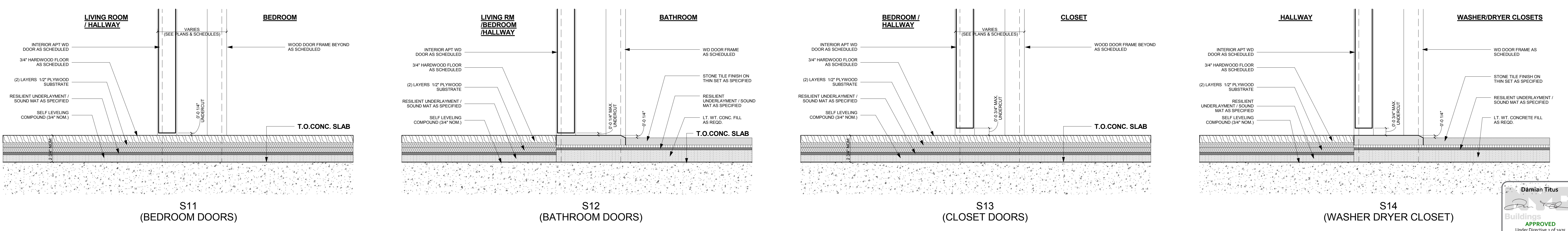
**SHEET NOTES:**

**SADDLE DETAILS - TYPICAL RESIDENTIAL RENTAL FLOORS** **2**  
0'-3" = 1'-0"



**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
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FINAL SD ISSUE - REVISED	08.28.2014
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**STAMP**

**DATE OF PRINT:**  
1/20/2015 9:15:05 PM

**DRAWING SCALE:**  
3" = 1'-0"

**PROJECT NUMBER:**

**TITLE:**  
TYPICAL DOOR THRESHOLDS /  
SADDLE DETAILS

**DRAWING NO.:**

**SADDLE DETAILS - TYPICAL RESIDENTIAL CONDO FLOORS** **1**  
0'-3" = 1'-0"



OWNER:  
Related Companies  
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DESIGNER:  
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New York, New York 10021  
T: 212.260.7971

DESIGNER:  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

STRUCTURAL ENGINEER:  
WSP Cantor Selisk  
228 E 49th Street  
New York, NY 10017  
T: 212.687.9828

MEP ENGINEER:  
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60 Pine Street  
New York, NY 10005  
T: 212.530.9500

EXTERIOR WALL CONSULTANT:  
Israel Berger & Associates  
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New York, NY 10003  
T: 212-689-5386

VERTICAL TRANSPORTATION:  
Van Steeren & Associates  
5 Regent Street, Suite 504  
Livingston, NJ 07039  
T: 873.994.9220

LEED CONSULTANT:  
Virtidan  
300 Park Avenue South, 15th Floor  
New York, NY 10003  
T: 203-299-1411

ACOUSTICAL CONSULTANTS:  
CERAMIC ASSOCIATES INC.  
404 5th Avenue #8  
New York, NY 10018  
T: 212.376.1775

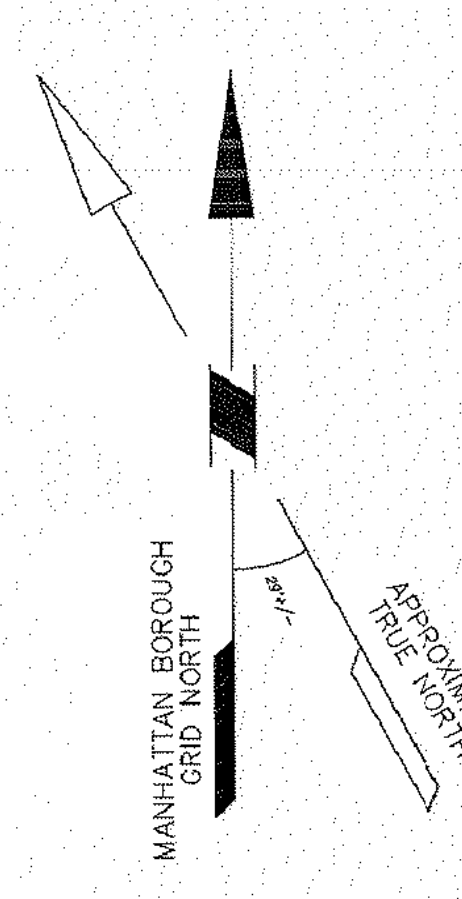
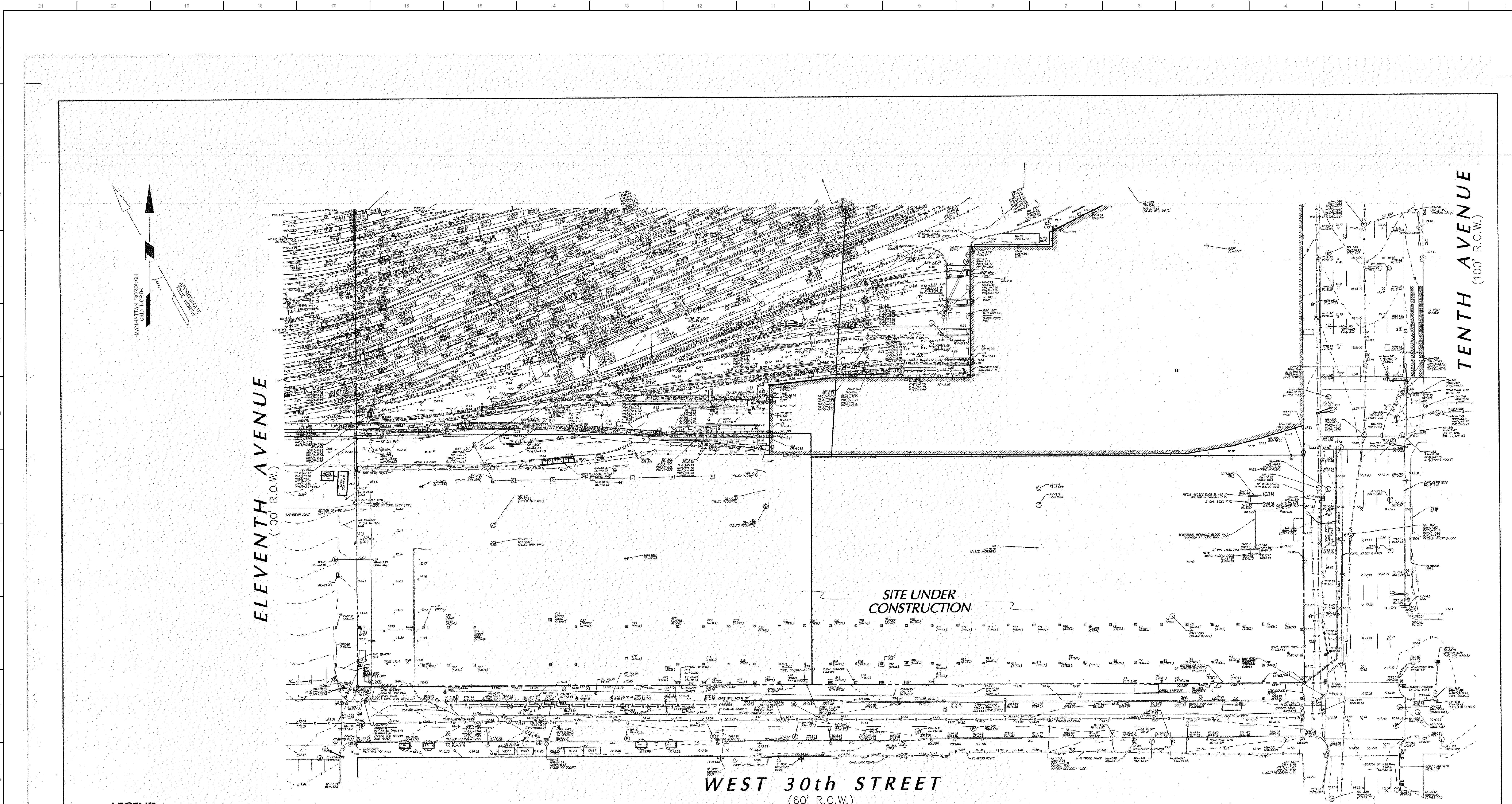
LANDSCAPE DESIGNER:  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

SHEET NOTES:

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.08.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.20.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
FOUNDATION BID SET REV. 2	09.02.2014
SUPERSTRUCTURE BID SET	11.17.2014
DD PHASE PROGRESS DWGS	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



DATE OF PRINT: 20150306  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]  
PROJECT NUMBER:  
SHEET TITLE: EXISTING SITE SURVEY  
DRAWING NO.: A-100.00



ELEVENTH AVENUE  
(100' R.O.W.)

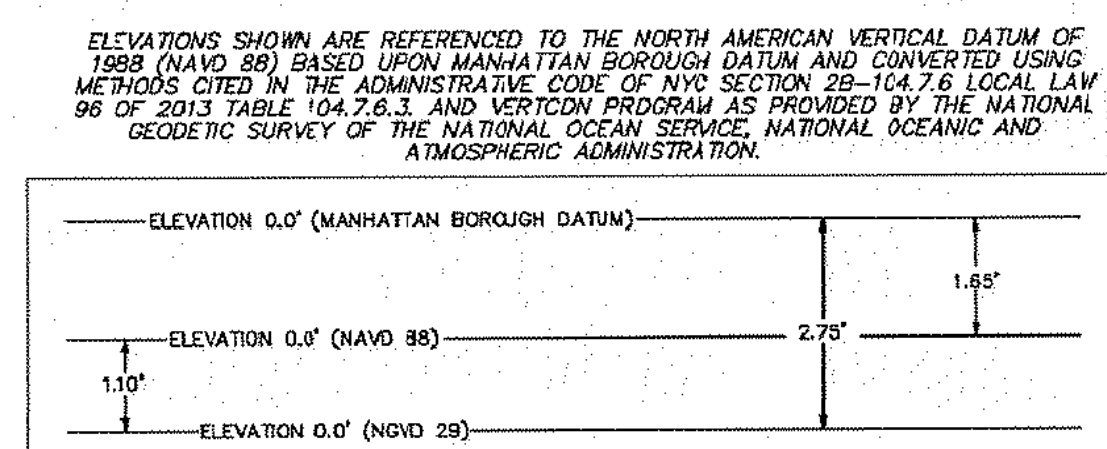
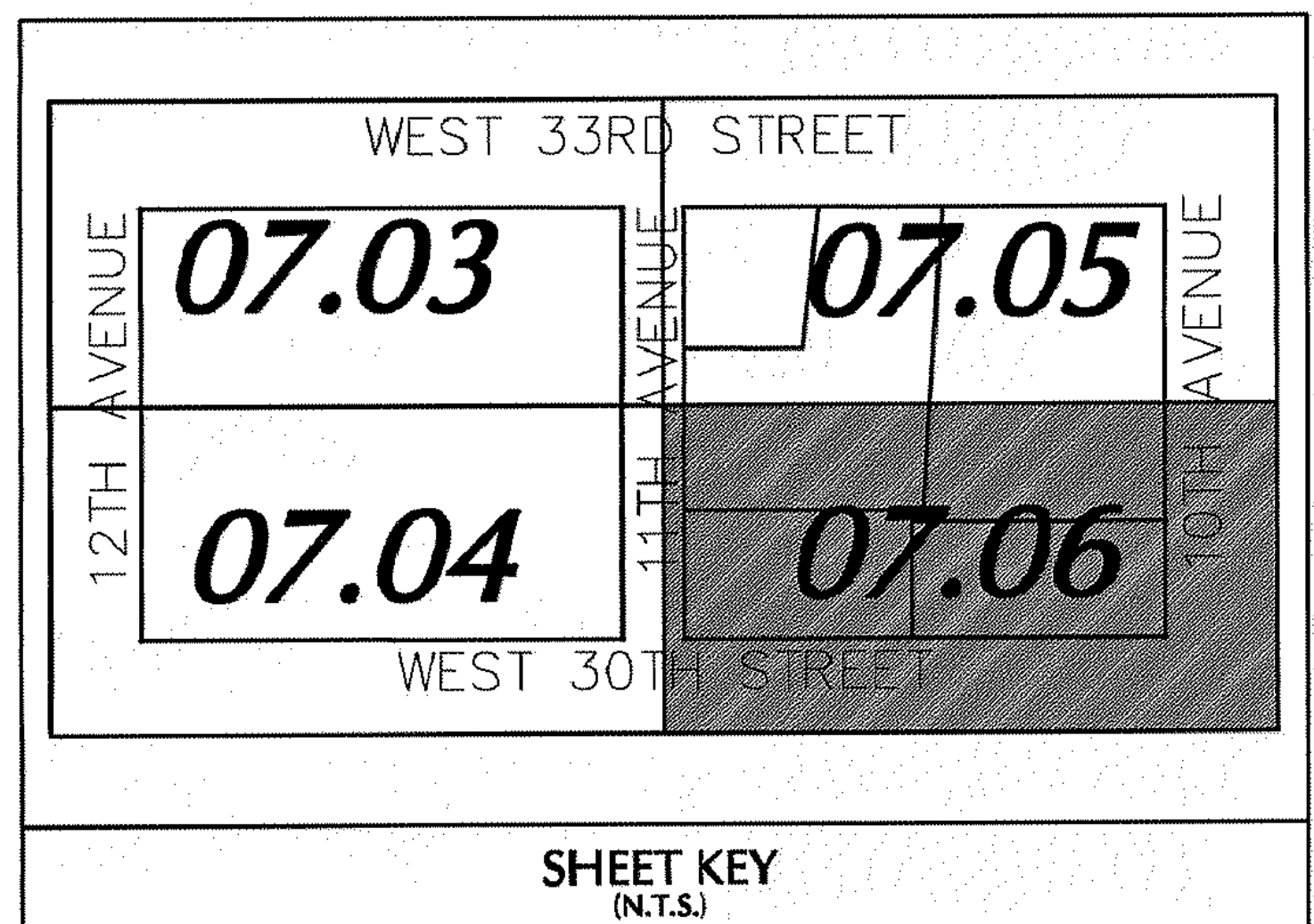
TENTH AVENUE  
(100' R.O.W.)

WEST 30th STREET  
(60' R.O.W.)

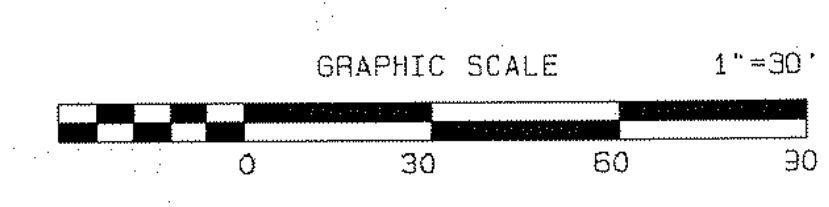
SITE UNDER  
CONSTRUCTION

LEGEND  
(SYMBOLS NOT SHOWN TO SCALE)

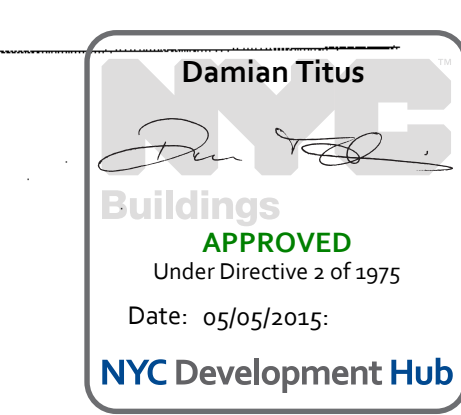
- HYDRANT
- STREET LIGHT
- SIGNAL POLE
- MANHOLE
- WATER VALVE
- GAS VALVE
- UNKNOWN VALVE
- CATCH BASIN
- METAL COVER
- ELECTRIC BOX
- DOOR
- DOUBLE DOOR
- GARAGE DOOR
- PARKING METER
- SPOT ELEVATION
- CLEAN OUT
- TREE
- BENCH MARK
- SIGN
- POLE
- ANCHOR POLE
- BOLLARD
- STORM DRAIN
- SANITARY
- COMBINED SEWER
- CABLE TV TONE OUT
- GAS TONE OUT
- WATER TONE OUT
- ELECTRIC TONE OUT
- TELEPHONE TONE OUT
- STEAM TONE OUT
- UNKNOWN UTILITY TONE OUT
- FENCE (TYPE AS NOTED)
- OVERHEAD WIRE
- GUIDE RAIL (TYPE AS NOTED)
- TREE LINE
- PROPERTY/RIGHT-OF-WAY LINE
- REFERENCED UTILITY LINE (TYPE AS NOTED)-PLOTTED FROM EXISTING MAPPING



FOR BOUNDARY INFORMATION, CERTIFICATION AND GENERAL NOTES SEE SHEET 07.01.  
 FOR TIERA FIRM LIMITS, FEES ABOVE A PLANS LIMITS, FACILITY AIRSPACE PARCELS AND YARDS PARCELS LIMITS AND DESCRIPTIONS SEE SHEET 07.02.  
 FOR TOPOGRAPHIC INFORMATION SEE SHEETS 07.03 TO 07.06.  
 FOR 11TH AVENUE ROADWAY INFORMATION SEE SHEET 07.07.  
 FOR EAST YARD REFERENCE UTILITY INFORMATION SEE SHEET 07.08.  
 FOR FENCE LINE INFORMATION SEE SHEET 07.09.



<p>I hereby state that this plan is based on a field survey made by me or under my immediate supervision in accordance with Article 4 of the Engineering Law of 1908, and to the best of my knowledge and belief, it represents the conditions found on the site of the above property.</p>		<p><b>LANGAN</b> 21 Park Plaza, 30th West 21st Street, 8th Floor, New York, NY 10011 T: 212.479.9800 F: 212.479.9444 www.langan.com NEW YORK, NEW JERSEY, VIRGINIA, CALIFORNIA, PENNSYLVANIA, CONNECTICUT, FLORIDA DAVID R. LANGAN, P.E. Vice President, Director of Field and Construction Services, P.E. Langan Engineering, Consulting, and Construction, Inc. Langan Associates, Inc.</p>	<p>Project: HUDSON YARDS CITY OF NEW YORK BOROUGH OF MANHATTAN NEW YORK COUNTY NEW YORK</p>	<p>Drawing title: ALTA/ACSM LAND TITLE SURVEY (NAVD 88) OF BLOCKS 676, 702 &amp; 704</p>	<p>Project No. 17001910 Date: 3/2/2015 Scale: 1"=30' Dwn. By: SIC/DPA/JAH Checked By: JER</p>	<p>Drawing No. 07.06 6 OF 9</p>
<p>Date: [Signature] 3/2/15 Description: REVISIONS No. PAUL D. FISHER PROFESSIONAL LAND SURVEYOR N.Y. LIC. NO. 050784</p>	<p>DATE: 3/2/15</p>					



EXISTING SITE SURVEY 1  
SCALE AS NOTED

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
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**EXECUTIVE ARCHITECT:**  
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**DESIGNER:**  
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**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.370-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
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D.O.B. INITIAL FILING	11.22.2013
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EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/20/2015 8:05:43 PM

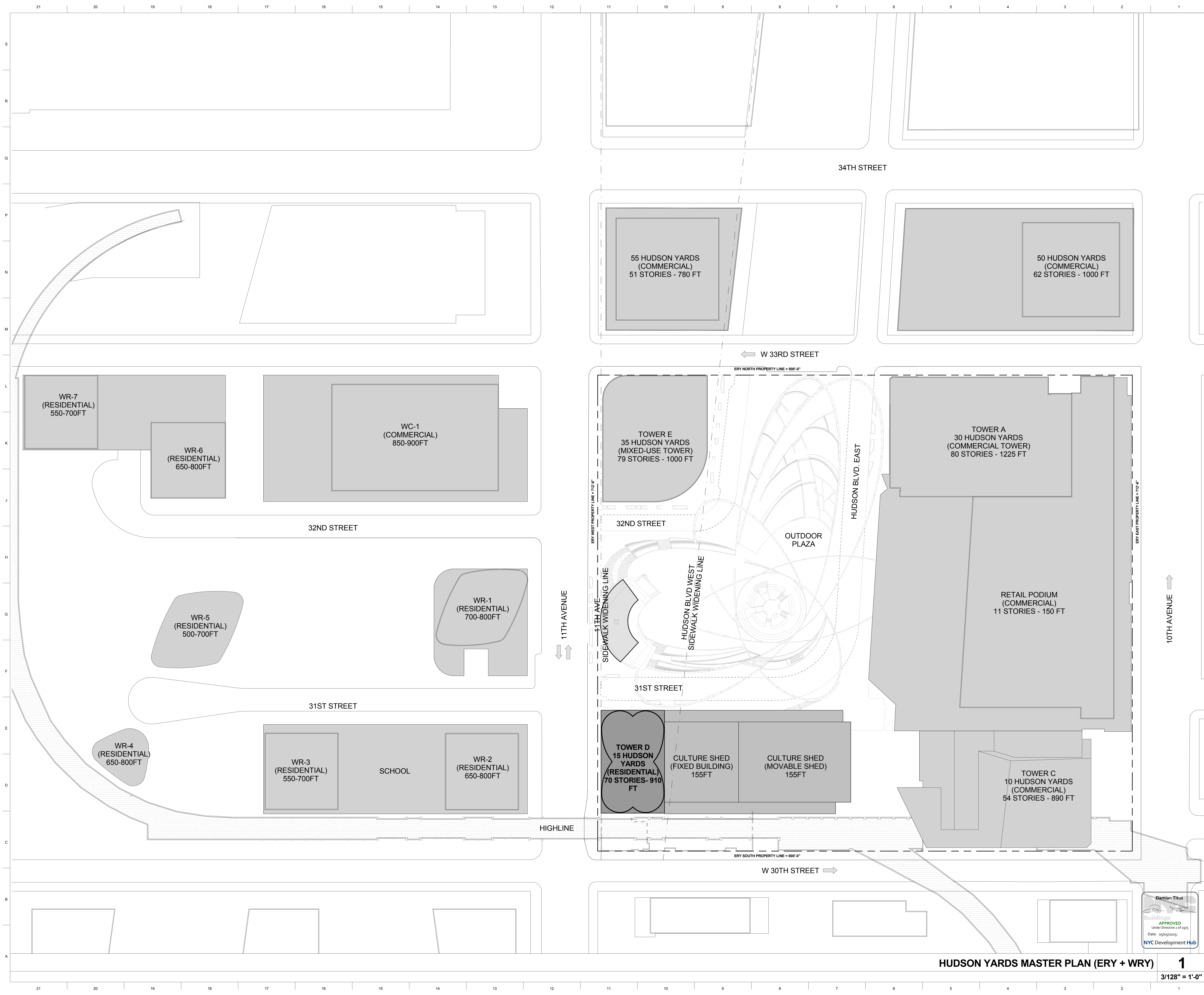
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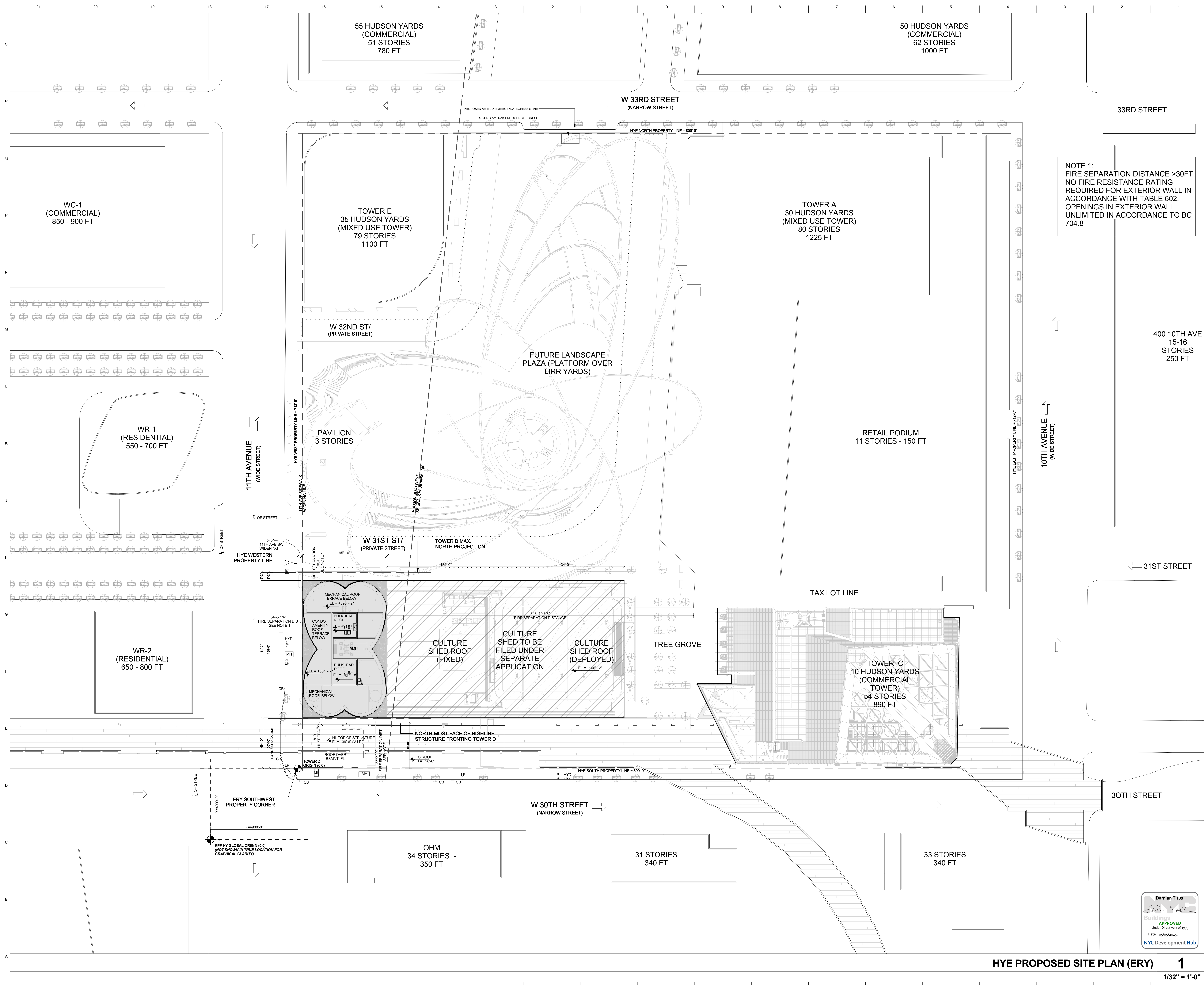
**PROJECT NUMBER:**

**TITLE:**  
HUDSON YARDS MASTER PLAN  
(ERY + WRY)

**DRAWING NO.:**

**1**  
3/128" = 1'-0"





15 HUDSON YARDS  
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DESIGNER:  
Rockwell Group  
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228 E 45th Street  
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New York, NY 10005  
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5 Regent Street, Suite 524  
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360 Park Avenue South, 15th Floor  
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T: 203-299-1411

ACOUSTICAL CONSULTANTS:  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-701-1776

LANDSCAPE DESIGNER:  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-2270

SHEET NOTES:

NOTE 1:  
FIRE SEPARATION DISTANCE >30FT.  
NO FIRE RESISTANCE RATING  
REQUIRED FOR EXTERIOR WALL IN  
ACCORDANCE WITH TABLE 602.  
OPENINGS IN EXTERIOR WALL  
UNLIMITED IN ACCORDANCE TO BC  
704.8

KEY PLAN

Table with 2 columns: ISSUE SET, DATE. Lists various design issues and their dates from 02/15/2013 to 01/20/2015.

Table with 2 columns: DESIGN DEVELOPMENT SET, DATE. Lists design development sets and their dates from 12/22/2014 to 01/20/2015.

STAMP  
[Professional Engineer Seal]

DATE OF PRINT  
1/20/2015 8:08:43 PM  
DRAWING SCALE  
1/32" = 1'-0"  
PROJECT NUMBER  
TITLE  
HYE PROPOSED MASTER SITE PLAN



HYE PROPOSED SITE PLAN (ERY) 1

1/32" = 1'-0"

DRAWING NO. A-102.00

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
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**EXECUTIVE ARCHITECT:**  
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**DESIGNER:**  
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601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
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228 E 45th Street  
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**MEP ENGINEER:**  
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T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

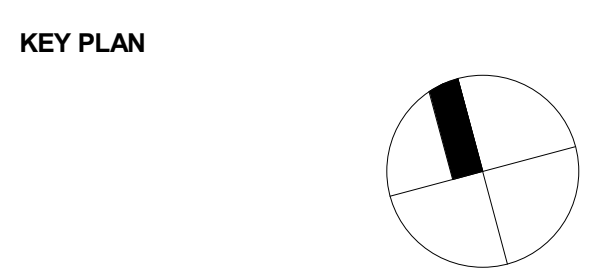
**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Lansdown, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
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**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
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**LANDSCAPE DESIGNER:**  
Nelson Acre Works  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**  
FOUNDATION GENERAL NOTES  
1) REFER TO FOUNDATION & STRUCTURAL DWGS FD & S SERIES FOR ALL STRUCTURAL FOUNDATION DETAILS  
2) REFER TO WP SERIES DRAWINGS FOR ALL BELOW GRADE WATERPROOFING DETAILS



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
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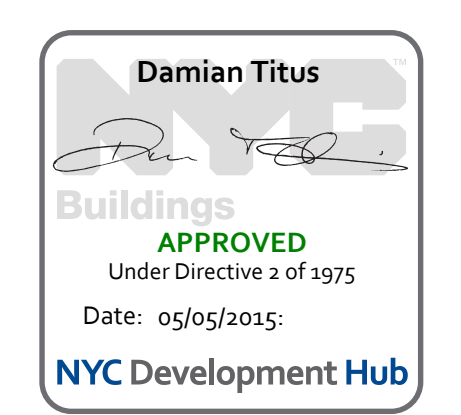
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**PROJECT NUMBER:**

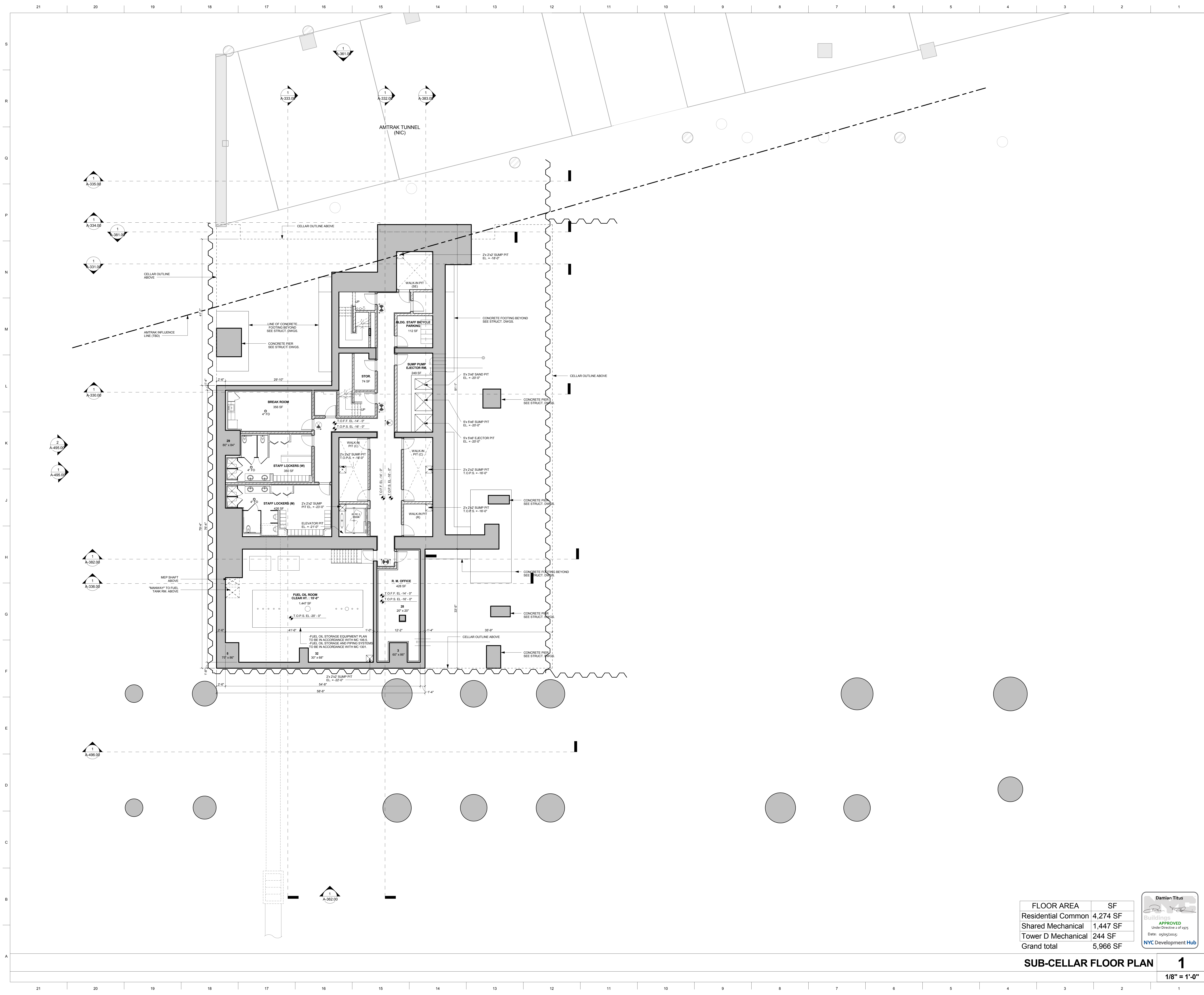
**TITLE:**  
SUB-CELLAR FLOOR PLAN

**DRAWING NO.:**  
**A-198.00**

FLOOR AREA	SF
Residential Common	4,274 SF
Shared Mechanical	1,447 SF
Tower D Mechanical	244 SF
Grand total	5,966 SF



**SUB-CELLAR FLOOR PLAN 1**  
1/8" = 1'-0"



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
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T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamel Leyva Architects  
48 West 37th Street  
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T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
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F: 212-259-5894

**EXTERIOR WALL CONSULTANT:**  
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360 Park Avenue South, 15th Floor  
New York, NY 10010  
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**VERTICAL TRANSPORTATION:**  
Van Deusen & Associates  
5 Regent Street, Suite 524  
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**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
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**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
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New York, NY 10018  
T: 212-701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-2270

**PLAN LEGEND**

- CULTURE SHED WITHIN TOWER D LIMIT
- CULTURE SHED OUTSIDE TOWER D LIMIT
- OTHERS (TOWER C, LIRR)
- MECHANICAL EQUIP. TOWER D
- MECHANICAL EQUIP. CULTURE SHED
- MECHANICAL EQUIP. SHAWED
- TAX LOT LINE

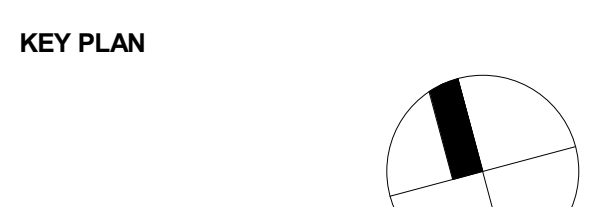
**BLOCK 7**  
TAX LOT 10  
AREA=152,330 S.F./3.4

TOWER C  
FILED UNDER  
SEPARATE APPLICATION  
501 W 30TH STREET  
BLOCK 702 LOT 10  
DOB JOB # 121324290

FLOOR AREA	SF
Culture Shed	1,362 SF
Open To Below	104 SF
Other	1,193 SF
Residential Common	6,431 SF
Tower D Mechanical	2,365 SF
<b>Grand total</b>	<b>11,454 SF</b>

**CELLAR FLOOR PLAN 1**  
1/8" = 1'-0"

**SHEET NOTES:**  
FOUNDATION GENERAL NOTES  
1) REFER TO FOUNDATION & STRUCTURAL DWGS FD & S SERIES FOR ALL STRUCTURAL FOUNDATION DETAILS  
2) REFER TO W/P SERIES DRAWINGS FOR ALL BELOW GRADE WATERPROOFING DETAILS



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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E.W. BID SET ADDENDUM 1	03.05.2014
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FINAL SD ISSUE - REVISED	08.28.2014
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DESIGN DEVELOPMENT SET	12.22.2014
<b>UPDATED DOB SET</b>	<b>01.20.2015</b>



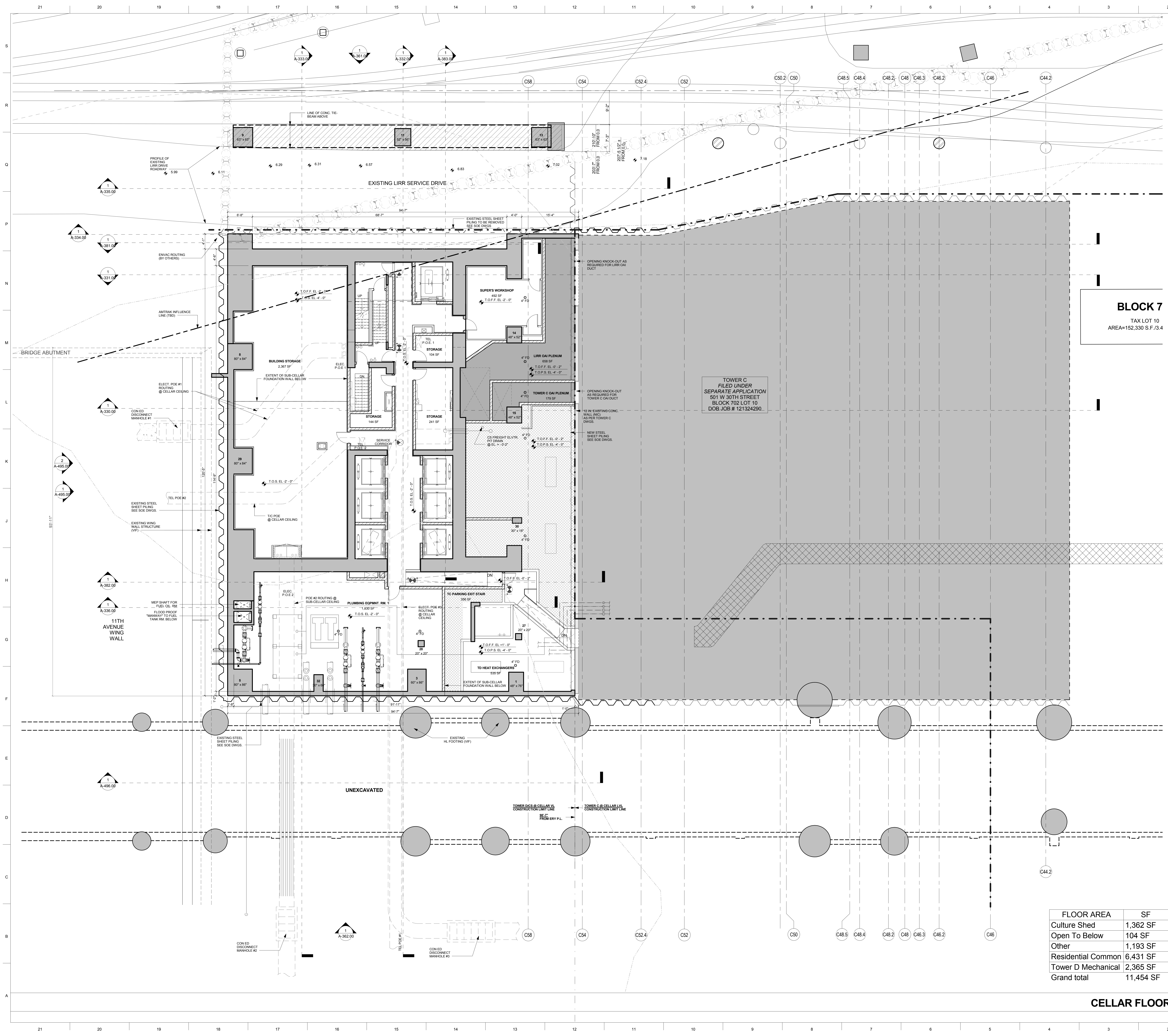
**DATE OF PRINT:**  
3/26/2015 4:45:12 PM

**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
CELLAR FLOOR PLAN

**DRAWING NO.:**  
A-199.00



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
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**EXECUTIVE ARCHITECT:**  
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**DESIGNER:**  
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**DESIGNER:**  
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**STRUCTURAL ENGINEER:**  
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**MEP ENGINEER:**  
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F: 212-269-5894

**EXTERIOR WALL CONSULTANT:**  
Irene Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

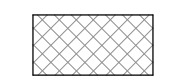






**VERTICAL TRANSPORTATION:**  
Van Deusen & Associates  
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LIVINGSTON, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
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**ACOUSTICAL CONSULTANTS:**  
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**LANDSCAPE DESIGNER:**  
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**PLAN LEGEND**

-  CULTURE SHED WITHIN TOWER D LIMIT
-  CULTURE SHED OUTSIDE TOWER D LIMIT
-  OTHERS (TOWER C LIRR)
-  MECHANICAL EQPMT. TOWER D
-  MECHANICAL EQPMT. CULTURE SHED
-  MECHANICAL EQPMT. SHARED
-  TAX LOT LINE

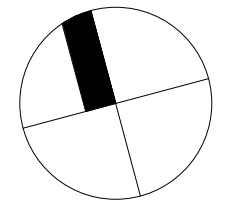
**SHEET NOTES:**

**FOUNDATION GENERAL NOTES**

- 1) REFER TO FOUNDATION & STRUCTURAL DWG/ID & SERIES FOR ALL STRUCTURAL FOUNDATION DETAILS
- 2) REFER TO WP SERIES DRAWINGS FOR ALL BELOW-GRADE WATERPROOFING DETAILS

**NOTE 1:**  
EXISTING HISTORIC HIGHLINE COLUMN SHALL BE PROTECTED WITH A GUARDRAIL, GENERAL & DRESSING WORK OF COLUMN TO BE DETERMINED.

**KEY PLAN**



**ISSUE SET**

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FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT**  
3/29/2015 4:47:30 PM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

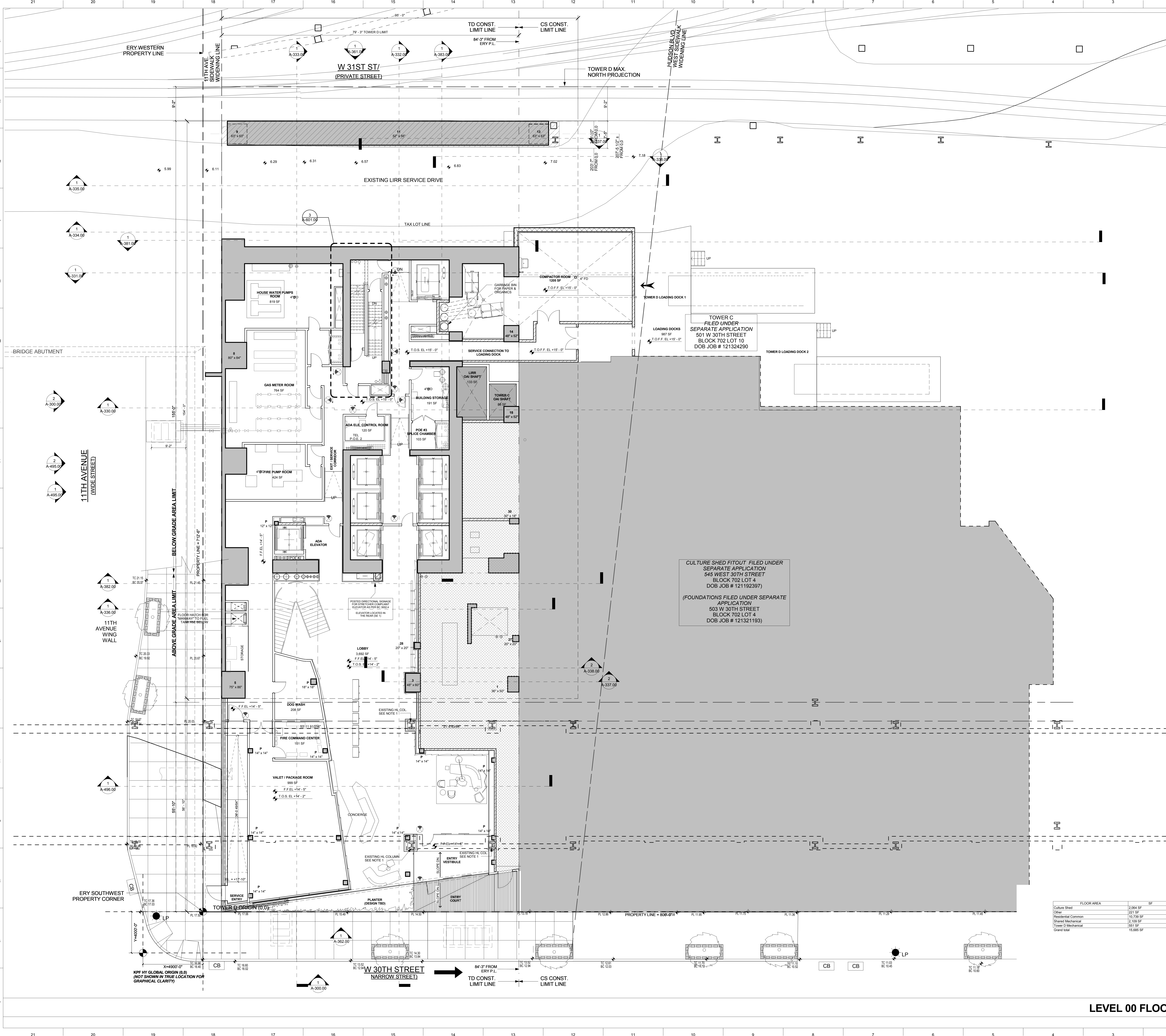
**TITLE**  
LEVEL 00 FLOOR PLAN

**DRAWING NO.**  
**A-200.00**

FLOOR AREA	SF
Culture Shed	2,064 SF
Other	221 SF
Residential Common	10,730 SF
Shared Mechanical	2,106 SF
Tower D Mechanical	551 SF
Grand Total	15,685 SF



**LEVEL 00 FLOOR PLAN 1**  
1/8" = 1'-0"



CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE APPLICATION)  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193

KPP HY GLOBAL ORIGIN (0,0)  
NOT SHOWN IN TRUE LOCATION FOR GRAPHICAL CLARITY

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamel Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300  
F: 212.269-5894

**EXTERIOR WALL CONSULTANT:**  
Irene Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

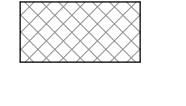






**VERTICAL TRANSPORTATION:**  
Van Deusen & Associates  
5 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973-994-9220

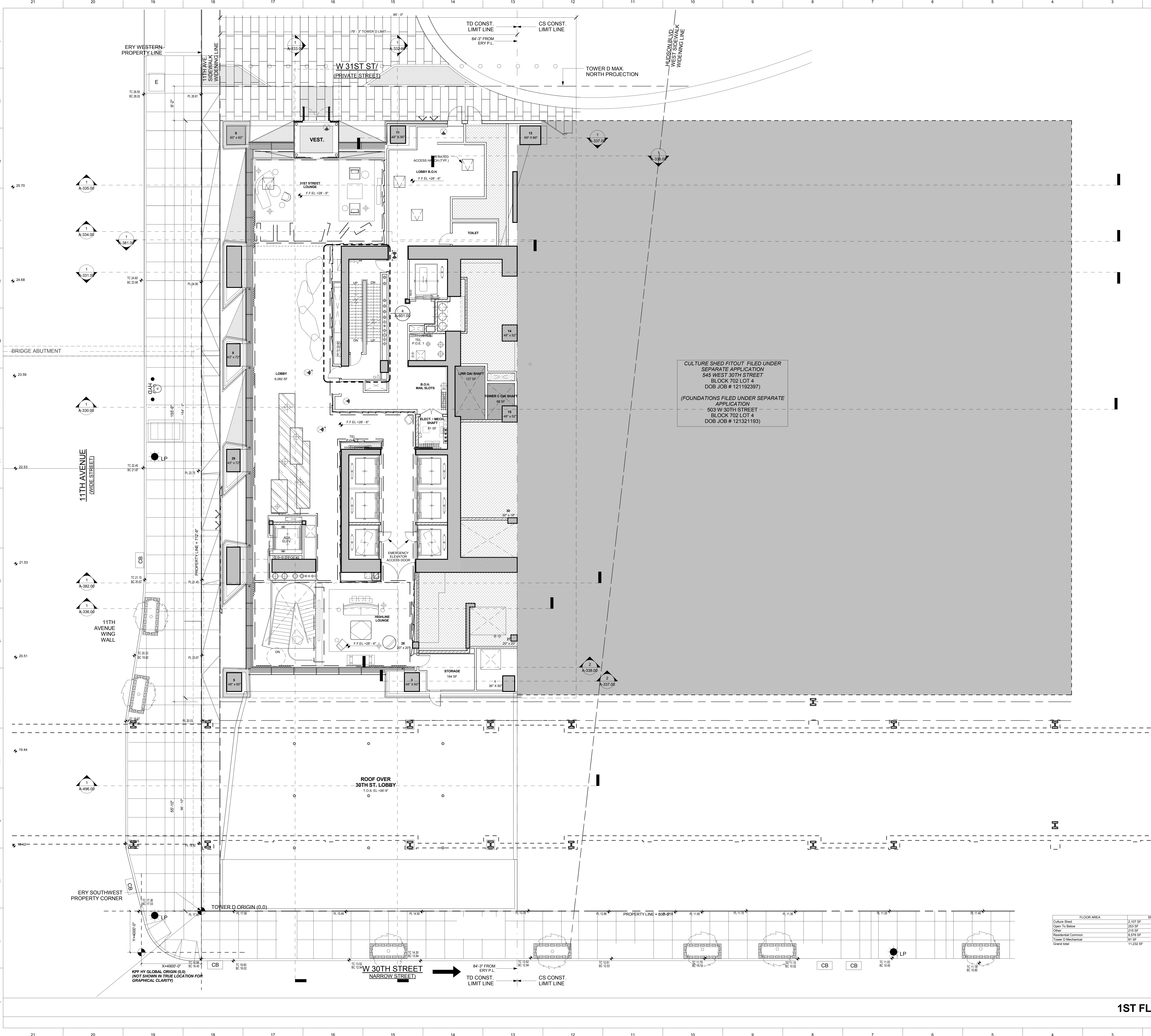
**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**PLAN LEGEND**

-  CULTURE SHED WITHIN TOWER D LIMIT
-  CULTURE SHED OUTSIDE TOWER D LIMIT
-  OTHERS (TOWER C, LRR)
-  MECHANICAL EQUIP. TOWER D
-  MECHANICAL EQUIP. CULTURE SHED
-  MECHANICAL EQUIP. STAIRWELL
-  TAX LOT LINE

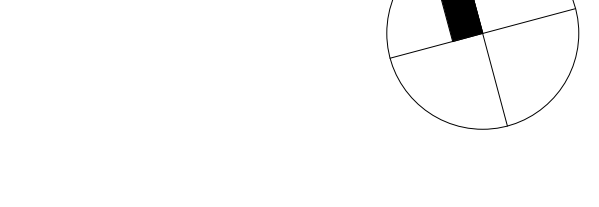


CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE APPLICATION  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193)

**SHEET NOTES:**  
FOUNDATION GENERAL NOTES  
1) REFER TO FOUNDATION & STRUCTURAL DWGS FD & S SERIES FOR ALL STRUCTURAL FOUNDATION DETAILS  
2) REFER TO WP SERIES DRAWINGS FOR ALL BELOW GRADE WATERPROOFING DETAILS

**KEY PLAN**



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
5/29/2015 4:45:00 PM

**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
1ST FLOOR PLAN

**DRAWING NO.:**  
A-201.00

	FLOOR AREA	SF
Culture Shed	2,107 SF	
Open To Below	263 SF	
Other	219 SF	
Residential Common	16,875 SF	
Tower D Mechanical	81 SF	
Grand Total	19,252 SF	

**1ST FLOOR PLAN 1**  
1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
NSR Cantor Seimik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9888

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

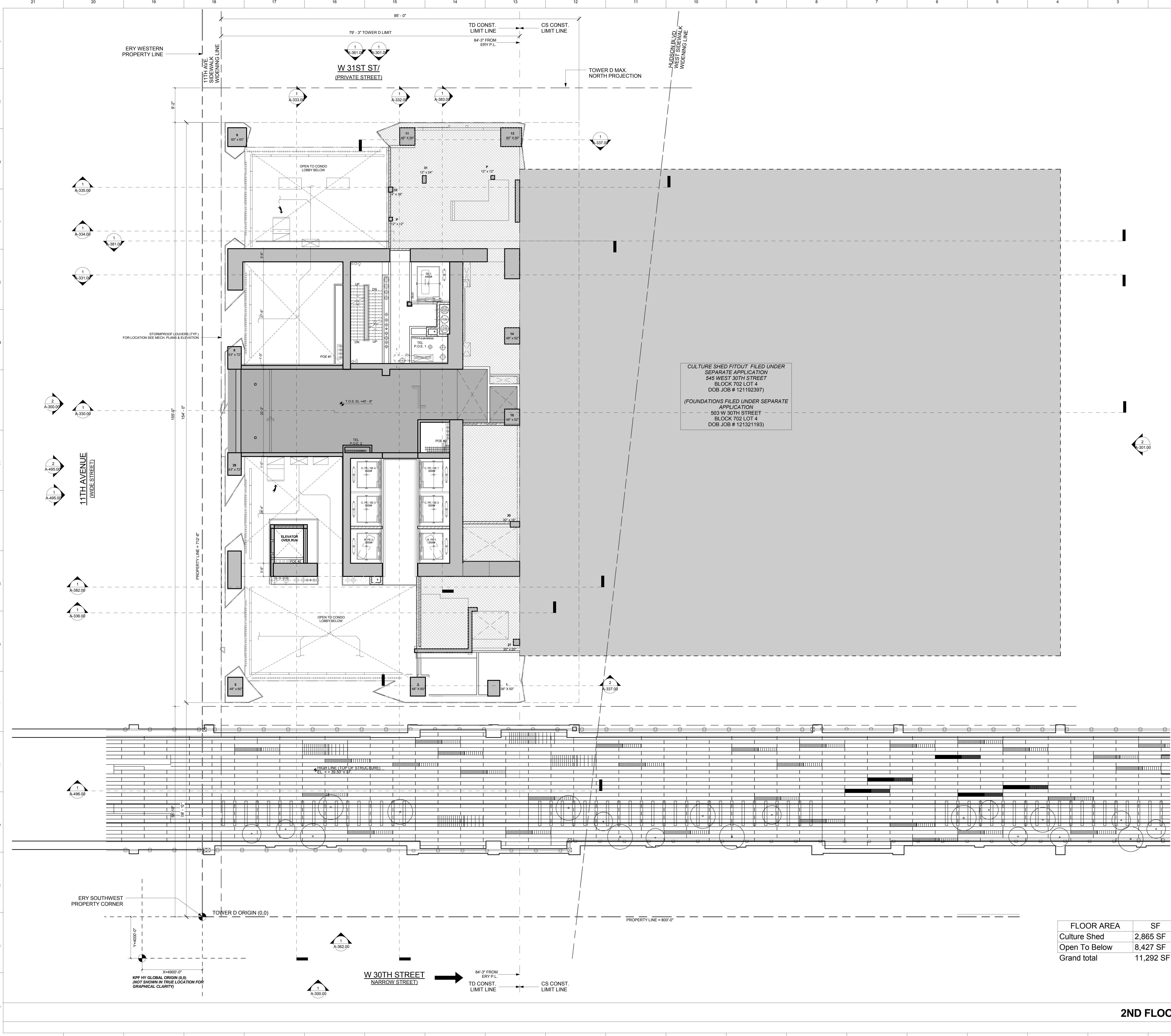
**LEED CONSULTANT:**  
Viridian  
350 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.670-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**PLAN LEGEND**

- CULTURE SHED WITHIN TOWER D LIMIT
- CULTURE SHED OUTSIDE TOWER D LIMIT
- OTHERS (TOWER C, LRR)
- MECHANICAL EQUIP. TOWER D
- MECHANICAL EQUIP. CULTURE SHED
- MECHANICAL EQUIP. SHADED
- TAX LOT LINE



**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
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FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**DATE OF PRINT:**  
1/20/2015 5:16:23 PM

**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
2ND FLOOR PLAN

**DRAWING NO.:**  
A-202.00

**STAMP:**

FLOOR AREA	SF
Culture Shed	2,865 SF
Open To Below	8,427 SF
<b>Grand total</b>	<b>11,292 SF</b>



**2ND FLOOR PLAN** **1**  
1/8" = 1'-0"



**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 60 Columbus Circle  
 New York, NY 10023  
 T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
 Jarmel Leyva Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.290.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.260.7971

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinuk  
 228 E 45th Street  
 New York, NY 10017  
 T: 212.697.9988

**MEP ENGINEER:**  
 Jaron Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10003  
 T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
 Israel Berger & Associates  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

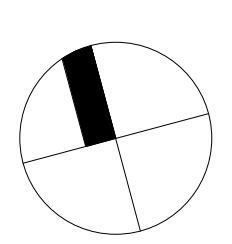
**LEED CONSULTANT:**  
 Viridian  
 330 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 GERAM & ASSOCIATES INC.  
 404 5th Ave. #8  
 New York, NY 10018  
 T: 212-701-1776

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 520  
 New York, NY 10003  
 T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
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FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	05.02.2014
FOUNDATION BID SET REV. 1	05.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	

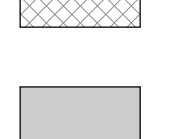
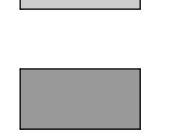





DESIGN DEVELOPMENT SET	DATE
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

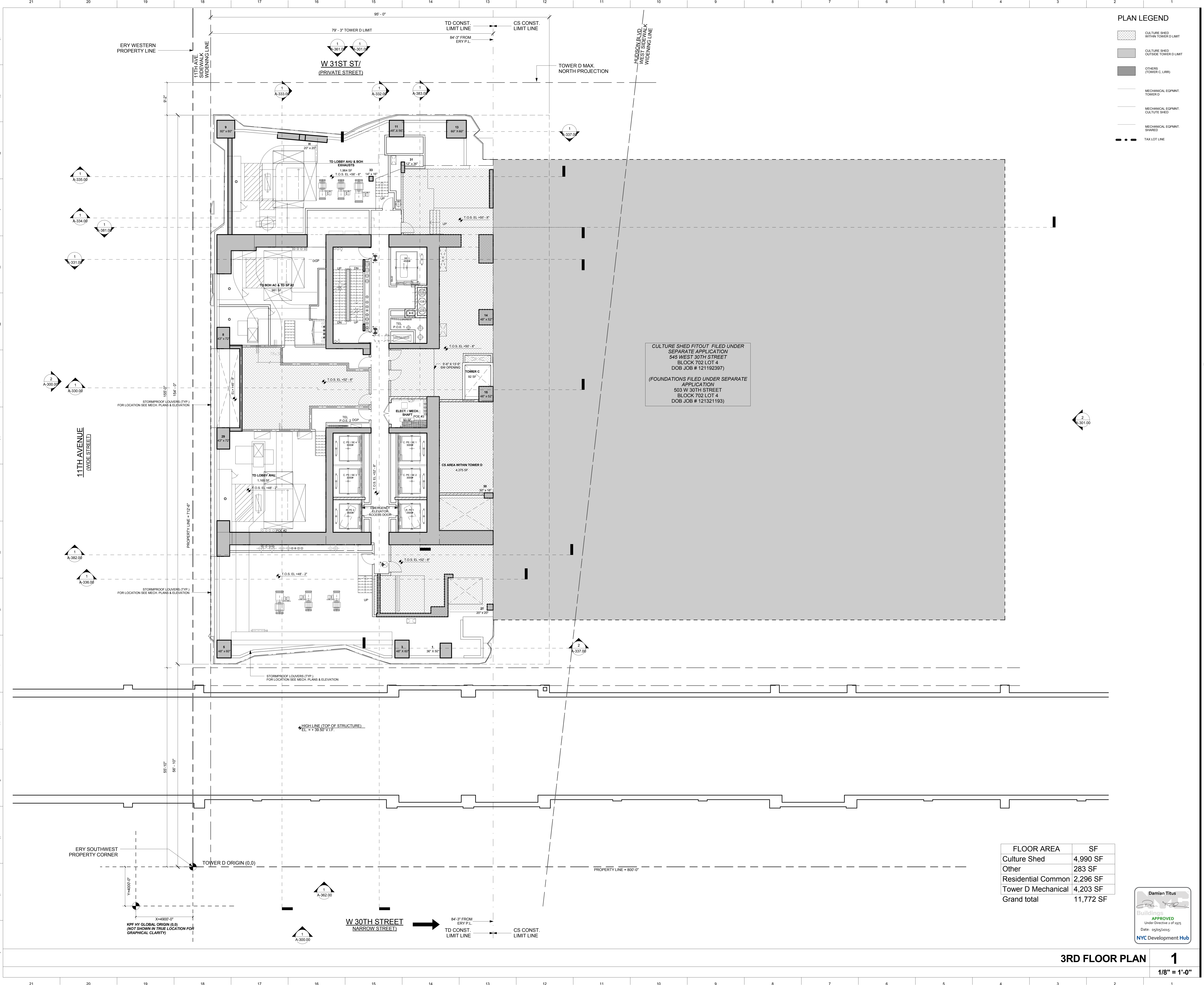
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**TITLE**  
 3RD FLOOR PLAN

**DRAWING NO.**  
 A-203.00

**PLAN LEGEND**

-  CULTURE SHED WITHIN TOWER D LIMIT
-  CULTURE SHED OUTSIDE TOWER D LIMIT
-  OTHERS (TOWER C, LRR)
-  MECHANICAL EQUIP. TOWER D
-  MECHANICAL EQUIP. CULTURE SHED
-  MECHANICAL EQUIP. SHADED
-  TAX LOT LINE



FLOOR AREA	SF
Culture Shed	4,990 SF
Other	283 SF
Residential Common	2,296 SF
Tower D Mechanical	4,203 SF
<b>Grand total</b>	<b>11,772 SF</b>



**3RD FLOOR PLAN** **1**  
 1/8" = 1'-0"

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

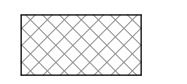






**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973-994-9220

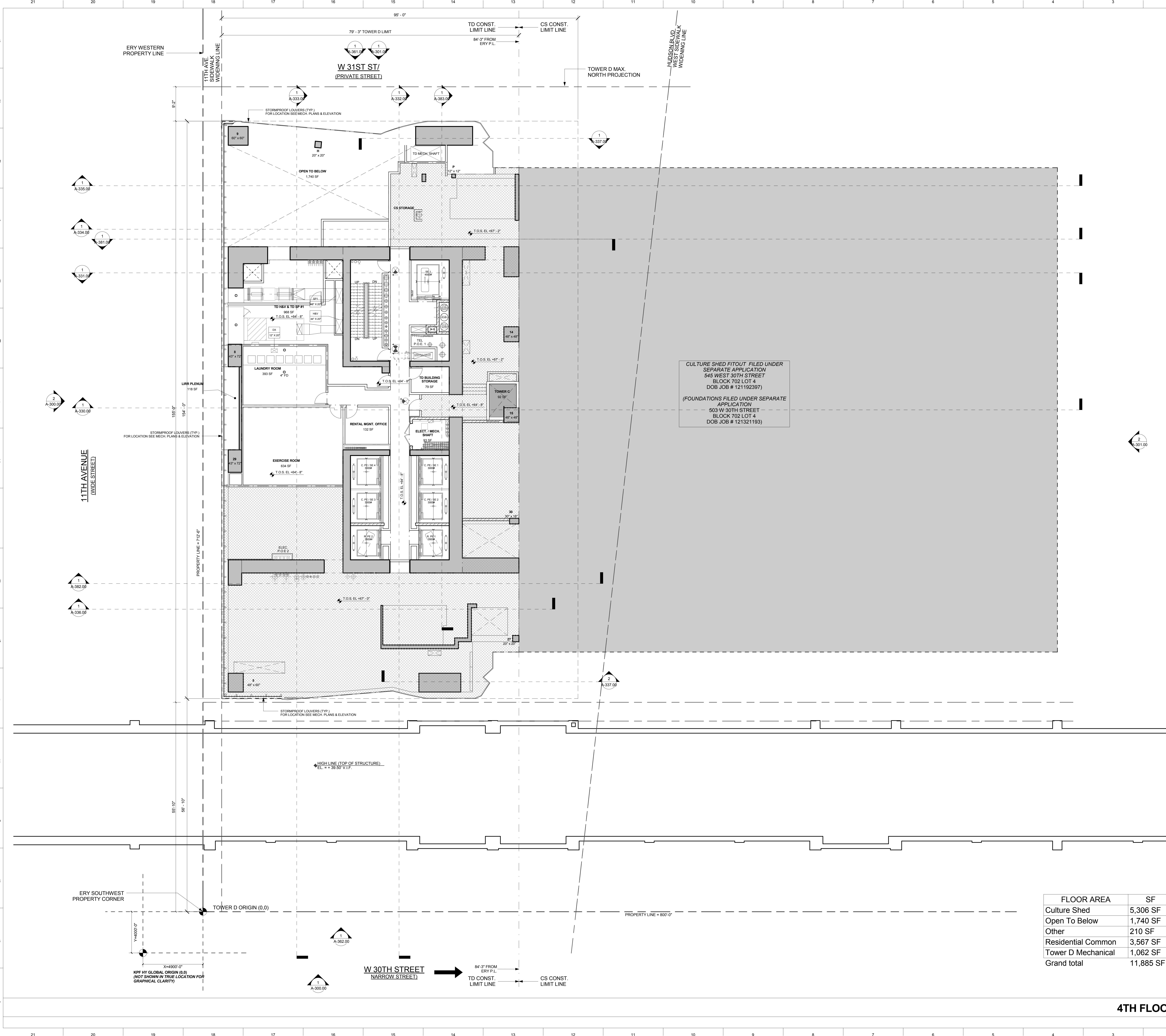
**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.701-1776

**LANDSCAPE DESIGNER:**  
Nelson Bryd White  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-2270

**PLAN LEGEND**

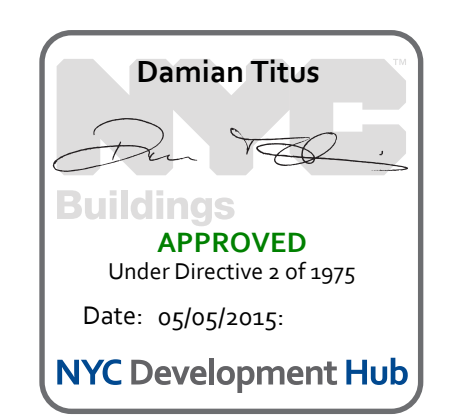
-  CULTURE SHED WITHIN TOWER D LIMIT
-  CULTURE SHED OUTSIDE TOWER D LIMIT
-  OTHERS (TOWER C, LRR)
-  MECHANICAL EQUIP. TOWER D
-  MECHANICAL EQUIP. CULTURE SHED
-  MECHANICAL EQUIP. SHADED
-  TAX LOT LINE



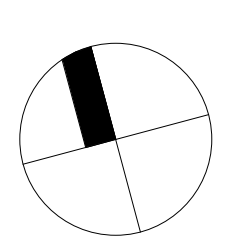
CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE APPLICATION)  
503 W-30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193

FLOOR AREA	SF
Culture Shed	5,306 SF
Open To Below	1,740 SF
Other	210 SF
Residential Common	3,567 SF
Tower D Mechanical	1,062 SF
<b>Grand total</b>	<b>11,885 SF</b>



**KEY PLAN**



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
<b>UPDATED DOB SET</b>	<b>01.20.2015</b>



**DATE OF PRINT**  
1/20/2015 5:16:36 PM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
4TH FLOOR PLAN

**DRAWING NO.**

**4TH FLOOR PLAN 1**  
1/8" = 1'-0"

**A-204.00**

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

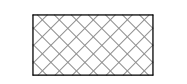






**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Lansdowne, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-2270

**PLAN LEGEND**

-  CULTURE SHED WITHIN TOWER D LIMIT
-  CULTURE SHED OUTSIDE TOWER D LIMIT
-  OTHERS (TOWER C, LRR)
-  MECHANICAL EQPN'T. TOWER D
-  MECHANICAL EQPN'T. CULTURE SHED
-  MECHANICAL EQPN'T. SHARED
-  TAX LOT LINE

**KEY PLAN**



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

DATE OF PRINT	DRAWING SCALE	PROJECT NUMBER
1/20/2015 5:16:41 PM	As indicated	

TITLE	DRAWING NO.
5TH FLOOR PLAN	

**DATE OF PRINT**  
1/20/2015 5:16:41 PM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
5TH FLOOR PLAN

**DRAWING NO.**

**DATE OF PRINT**  
1/20/2015 5:16:41 PM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
5TH FLOOR PLAN

**DRAWING NO.**

**DATE OF PRINT**  
1/20/2015 5:16:41 PM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
5TH FLOOR PLAN

**DRAWING NO.**

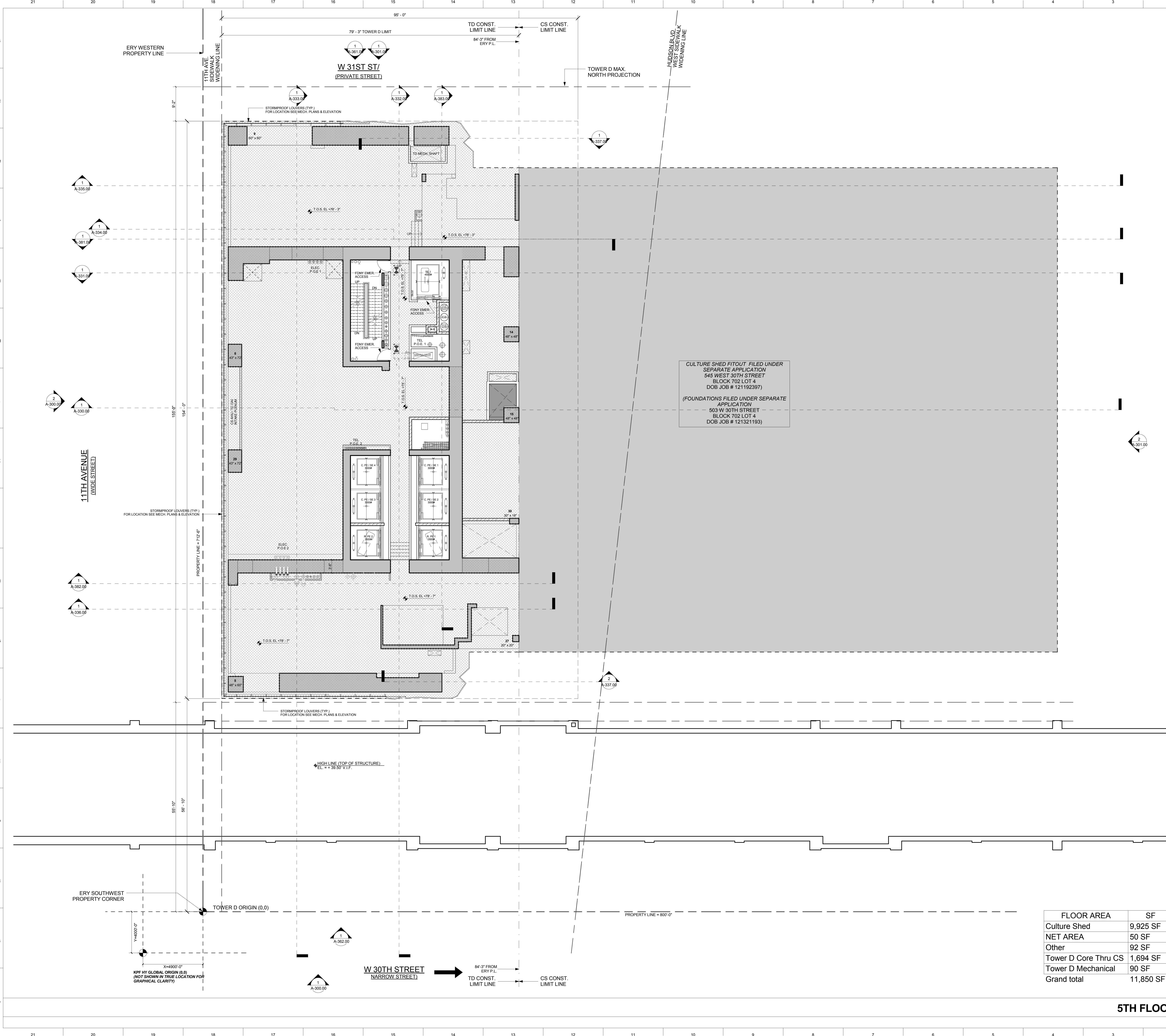
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**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
5TH FLOOR PLAN

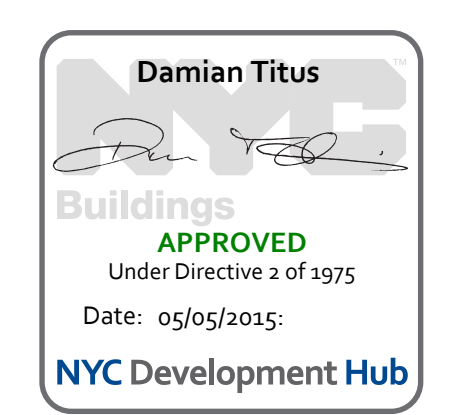
**DRAWING NO.**



CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE APPLICATION)  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193

FLOOR AREA	SF
Culture Shed	9,925 SF
NET AREA	50 SF
Other	92 SF
Tower D Core Thru CS	1,694 SF
Tower D Mechanical	90 SF
Grand total	11,850 SF



**5TH FLOOR PLAN** **1**  
1/8" = 1'-0"

**A-205.00**

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamel Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
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T: 212.260.7971

**DESIGNER:**  
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**STRUCTURAL ENGINEER:**  
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New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

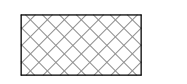






**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

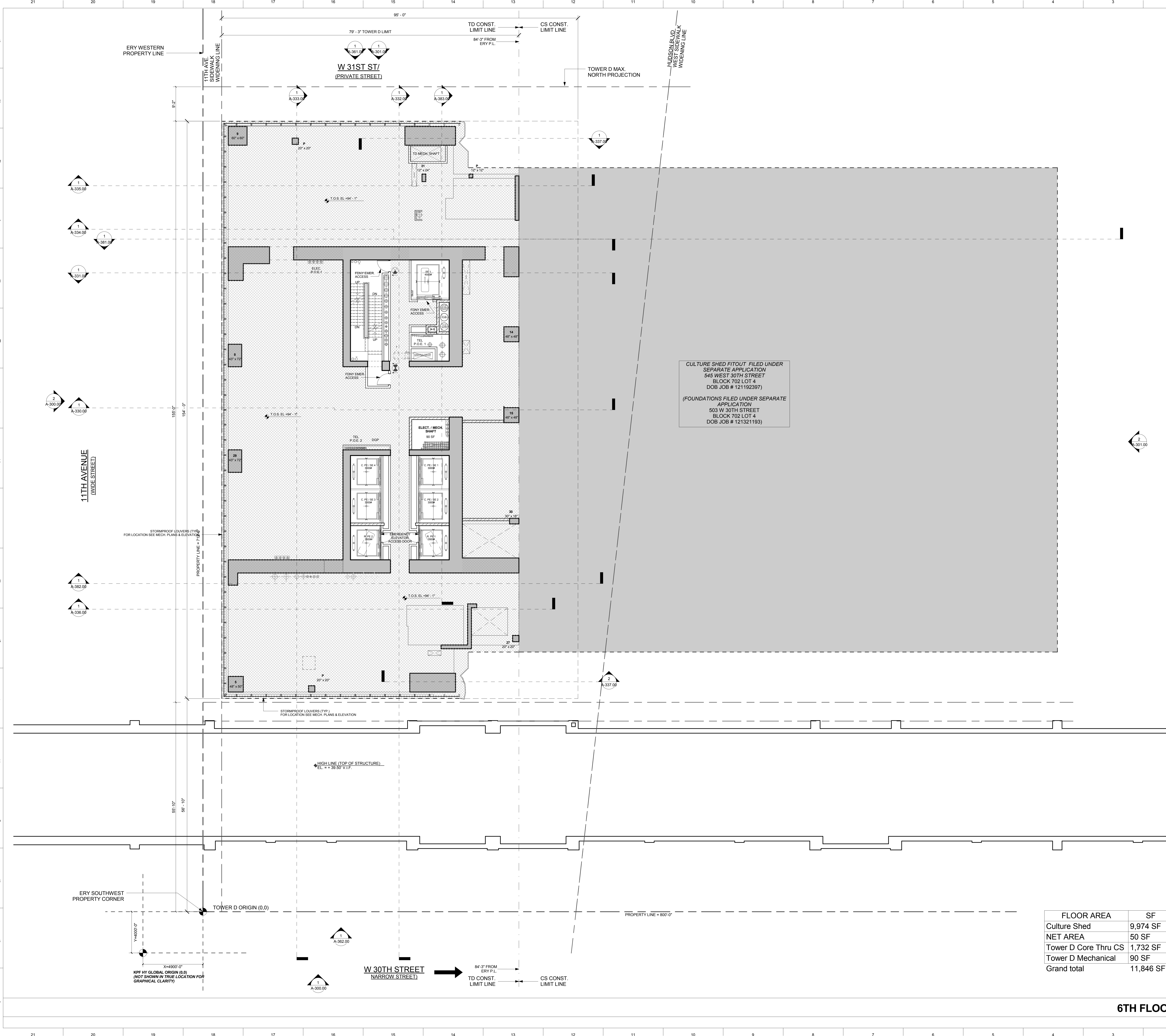
**LEED CONSULTANT:**  
Viridian  
330 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-2270

**PLAN LEGEND**

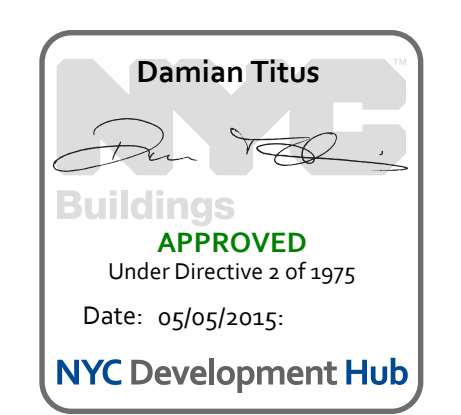
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-  CULTURE SHED OUTSIDE TOWER D LIMIT
-  OTHERS (TOWER C, LIRR)
-  MECHANICAL EQUIP. TOWER D
-  MECHANICAL EQUIP. CULTURE SHED
-  MECHANICAL EQUIP. SHADED
-  TAX LOT LINE



CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

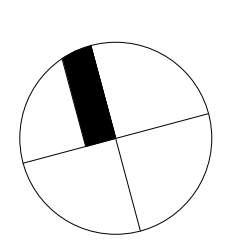
(FOUNDATIONS FILED UNDER SEPARATE APPLICATION  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193)

FLOOR AREA	SF
Culture Shed	9,974 SF
NET AREA	50 SF
Tower D Core Thru CS	1,732 SF
Tower D Mechanical	90 SF
<b>Grand total</b>	<b>11,846 SF</b>



**6TH FLOOR PLAN** **1**  
1/8" = 1'-0"

**KEY PLAN**



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
<b>UPDATED DOB SET</b>	<b>01.20.2015</b>

**STAMP**



**DATE OF PRINT**

1/20/2015 5:16:46 PM

**DRAWING SCALE**

As indicated

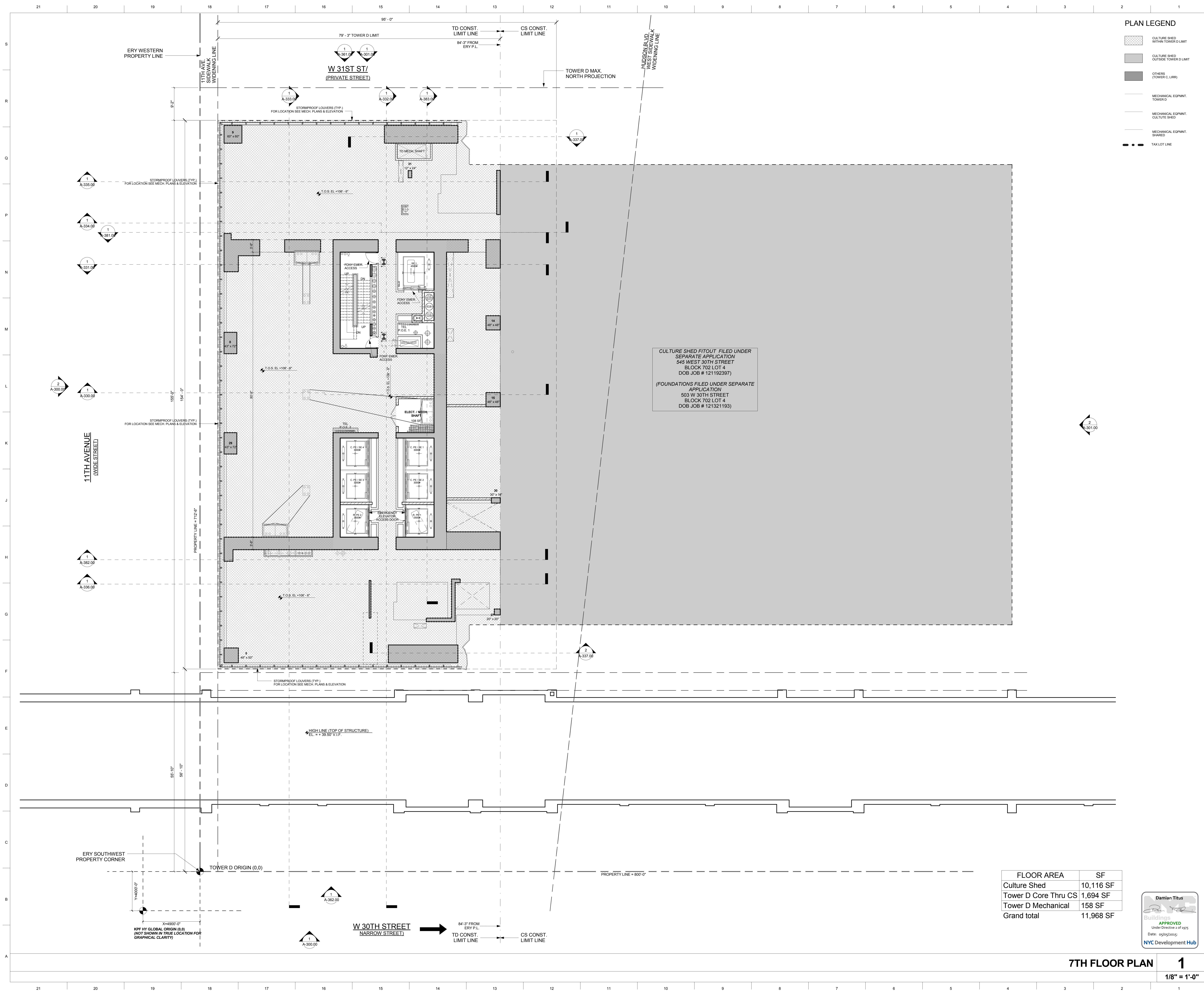
**PROJECT NUMBER**

**TITLE**

6TH FLOOR PLAN

**DRAWING NO.**

**A-206.00**



**PLAN LEGEND**

- CULTURE SHED WITHIN TOWER D LIMIT
- CULTURE SHED OUTSIDE TOWER D LIMIT
- OTHERS (TOWER C, LIRR)
- MECHANICAL EQUIP. TOWER D
- MECHANICAL EQUIP. CULTURE SHED
- MECHANICAL EQUIP. SHADED
- TAX LOT LINE

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9588

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
330 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

CULTURE SHED FITOUT FILED UNDER  
SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE  
APPLICATION  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193)

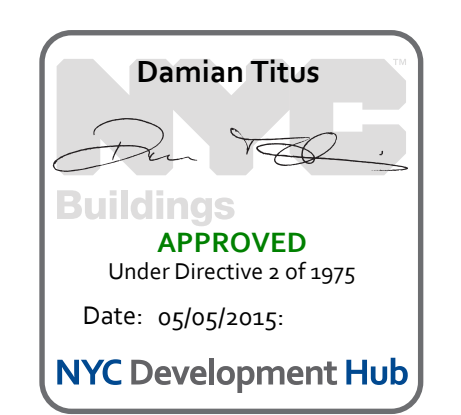
**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

FLOOR AREA	SF
Culture Shed	10,116 SF
Tower D Core Thru CS	1,694 SF
Tower D Mechanical	158 SF
Grand total	11,968 SF



**DATE OF PRINT**  
1/20/2015 5:16:52 PM

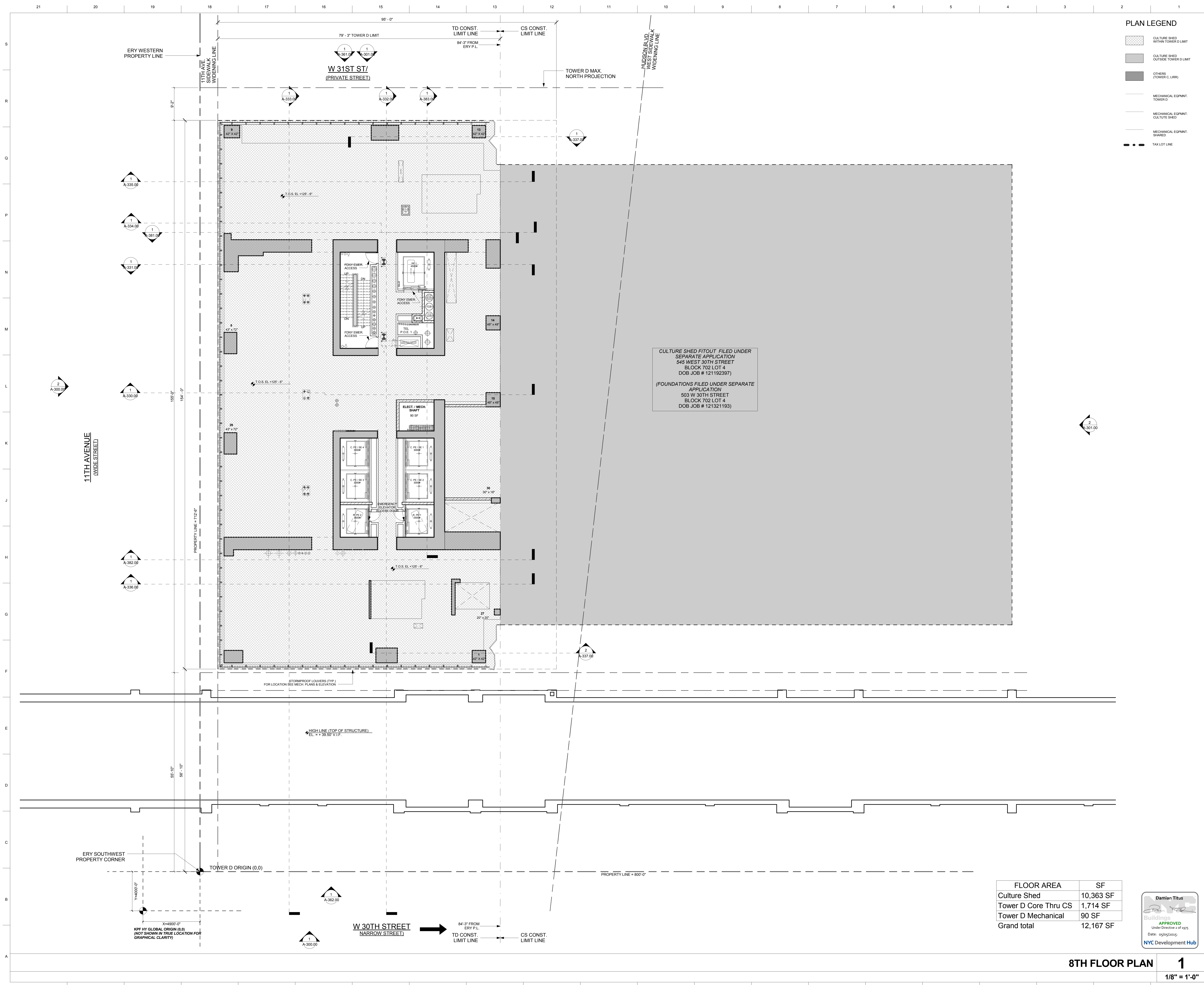
**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
7TH FLOOR PLAN

**DRAWING NO.**  
A-207.00

**7TH FLOOR PLAN** **1**  
1/8" = 1'-0"



- PLAN LEGEND**
- CULTURE SHED WITHIN TOWER D LIMIT
  - CULTURE SHED OUTSIDE TOWER D LIMIT
  - OTHERS (TOWER C, LRR)
  - MECHANICAL EQPMT. TOWER D
  - MECHANICAL EQPMT. CULTURE SHED
  - MECHANICAL EQPMT. SHARED
  - TAX LOT LINE

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

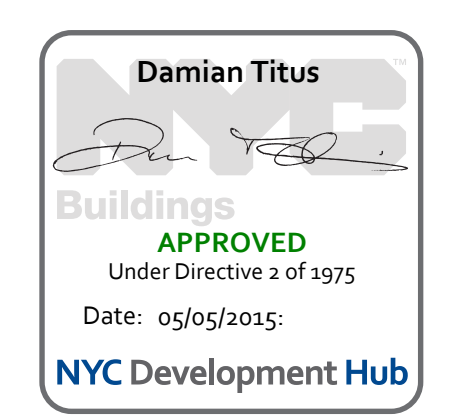
- OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000
- EXECUTIVE ARCHITECT:**  
Jamel Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444
- DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971
- DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334
- STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9888
- MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300
- EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398
- VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973-994-9220
- LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411
- ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-701-1776
- LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-2270

CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE APPLICATION)  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193

- ISSUE SET**
- | ISSUE SET                                       | DATE       |
|---|------------|
| SCHEMATIC DESIGN ISSUE                          | 02.15.2013 |
| REVISED SD ISSUE                                | 05.06.2013 |
| EXTERIOR WALL 75% DD                            | 09.05.2013 |
| EXTERIOR WALL PRELIM. BID                       | 11.05.2013 |
| D.O.B. INITIAL FILING                           | 11.22.2013 |
| FINAL SD ISSUE                                  | 11.25.2013 |
| EXTERIOR WALL BID SET                           | 01.27.2014 |
| E.W. BID SET ADDENDUM 1                         | 03.05.2014 |
| FOUNDATION BID SET                              | 06.02.2014 |
| FOUNDATION BID SET REV.1                        | 06.20.2014 |
| FINAL SD ISSUE - REVISED                        | 08.28.2014 |
| SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS) | 11.17.2014 |
| DESIGN DEVELOPMENT SET                          | 12.22.2014 |
| UPDATED DOB SET                                 | 01.20.2015 |

FLOOR AREA	SF
Culture Shed	10,363 SF
Tower D Core Thru CS	1,714 SF
Tower D Mechanical	90 SF
<b>Grand total</b>	<b>12,167 SF</b>



**DATE OF PRINT**  
1/20/2015 5:16:58 PM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
8TH FLOOR PLAN

**DRAWING NO.**  
A-208.00

**8TH FLOOR PLAN** **1**  
1/8" = 1'-0"

**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 60 Columbus Circle  
 New York, NY 10023  
 T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
 Jarmel Leyva Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.290.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.260.7971

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinuk  
 228 E 45th Street  
 New York, NY 10017  
 T: 212.697.9988

**MEP ENGINEER:**  
 Jaron Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
 Israel Berger & Associates  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

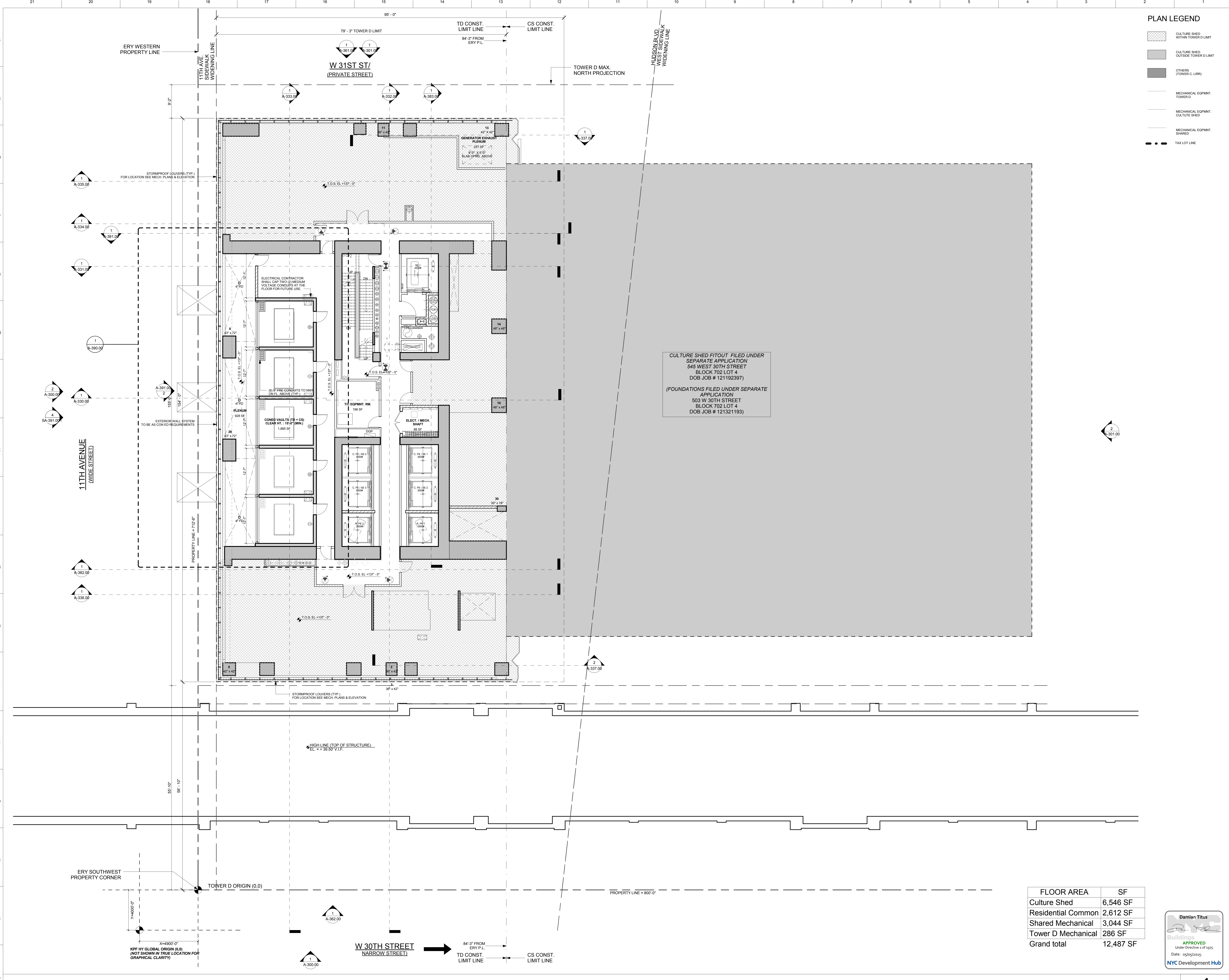
**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Viridian  
 300 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 GERAM & ASSOCIATES INC.  
 404 5th Ave. #8  
 New York, NY 10018  
 T: 212-701-1776

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 520  
 New York, NY 10003  
 T: 212-260-2270

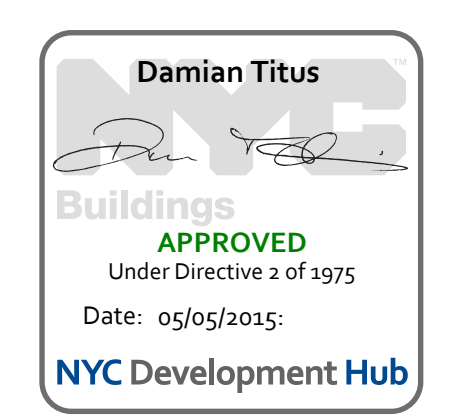
- PLAN LEGEND**
- CULTURE SHED WITHIN TOWER D LIMIT
  - CULTURE SHED OUTSIDE TOWER D LIMIT
  - OTHERS (TOWER C, LIRR)
  - MECHANICAL EQUIP. TOWER D
  - MECHANICAL EQUIP. CULTURE SHED
  - MECHANICAL EQUIP. SHARED
  - TAX LOT LINE



CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
 545 WEST 30TH STREET  
 BLOCK 702 LOT 4  
 DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE APPLICATION)  
 503 W 30TH STREET  
 BLOCK 702 LOT 4  
 DOB JOB # 121321193

FLOOR AREA	SF
Culture Shed	6,546 SF
Residential Common	2,612 SF
Shared Mechanical	3,044 SF
Tower D Mechanical	286 SF
<b>Grand total</b>	<b>12,487 SF</b>



**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
<b>UPDATED DOB SET</b>	<b>01.20.2015</b>



**DATE OF PRINT**  
 1/20/2015 5:17:05 PM

**DRAWING SCALE**  
 As indicated

**PROJECT NUMBER**

**TITLE**  
 9TH FLOOR PLAN

**DRAWING NO.**

**9TH FLOOR PLAN** **1**  
 1/8" = 1'-0"

**A-209.00**

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamel Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9588

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300  
F: 212.269-5894

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

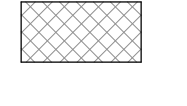






**VERTICAL TRANSPORTATION:**  
Van Deusen & Associates  
5 Regent Street, Suite 524  
Lampington, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**PLAN LEGEND**

-  CULTURE SHED WITHIN TOWER D LIMIT
-  CULTURE SHED OUTSIDE TOWER D LIMIT
-  OTHERS (TOWER C, LRR)
-  MECHANICAL EQUIP. TOWER D
-  MECHANICAL EQUIP. CULTURE SHED
-  MECHANICAL EQUIP. SHARED
-  TAX LOT LINE

**KEY PLAN**



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV.1	06.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**DATE OF PRINT**

3/28/2015 5:03:44 PM

**DRAWING SCALE**

As indicated

**PROJECT NUMBER**

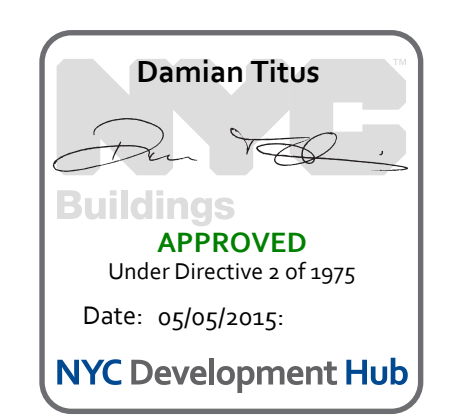
**TITLE**

10TH FLOOR PLAN

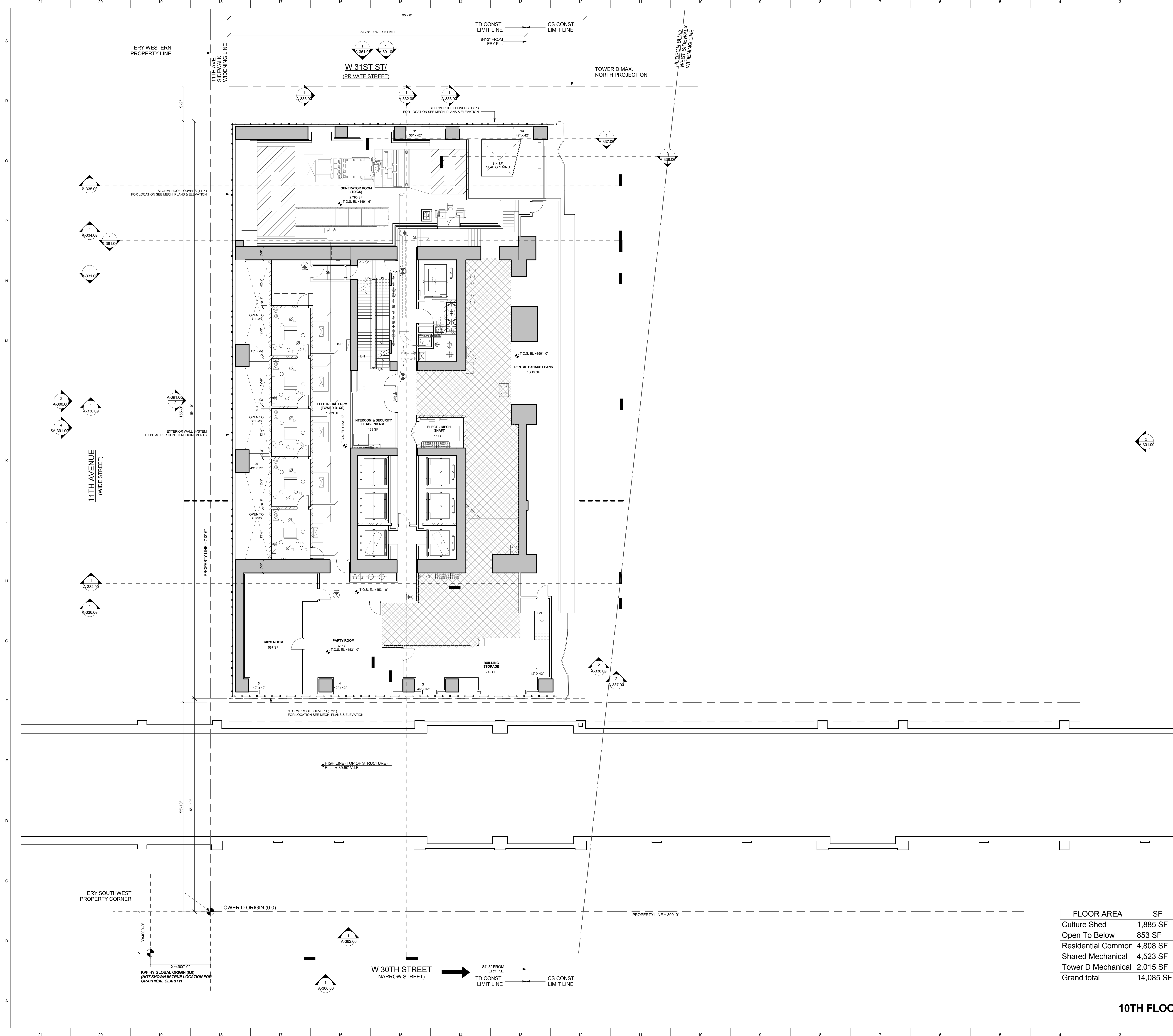
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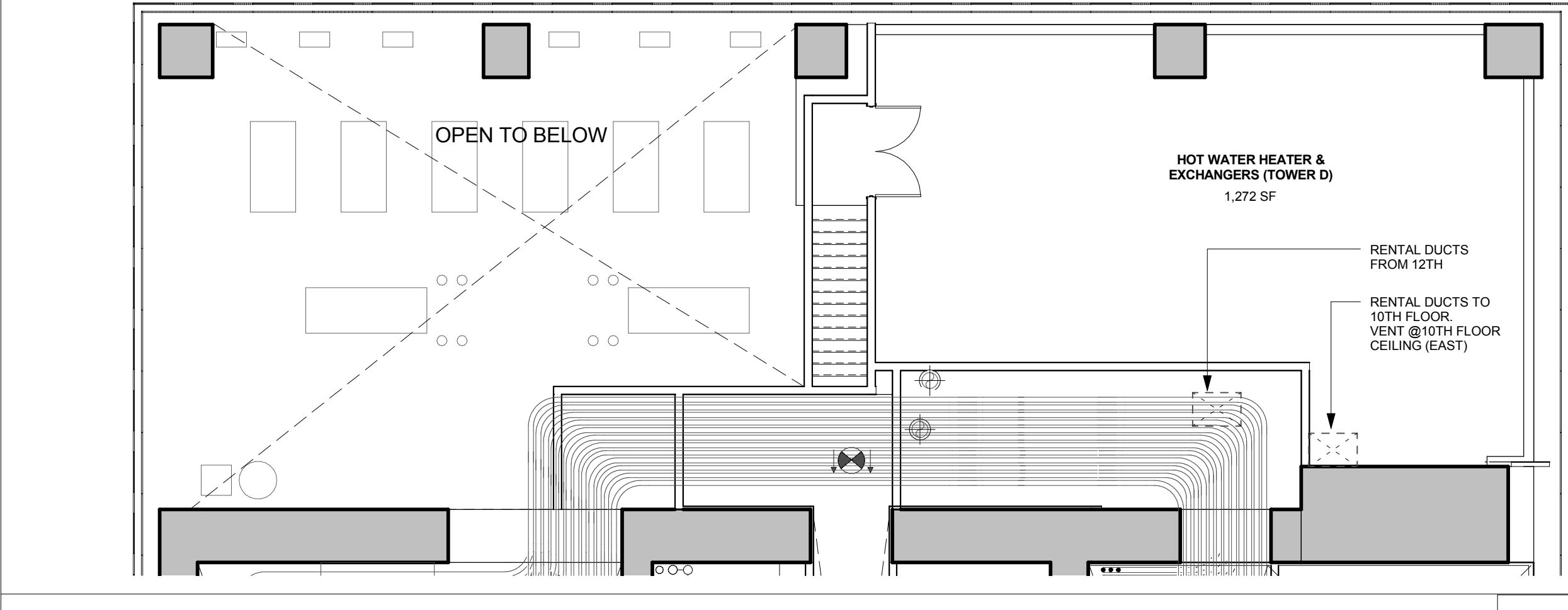
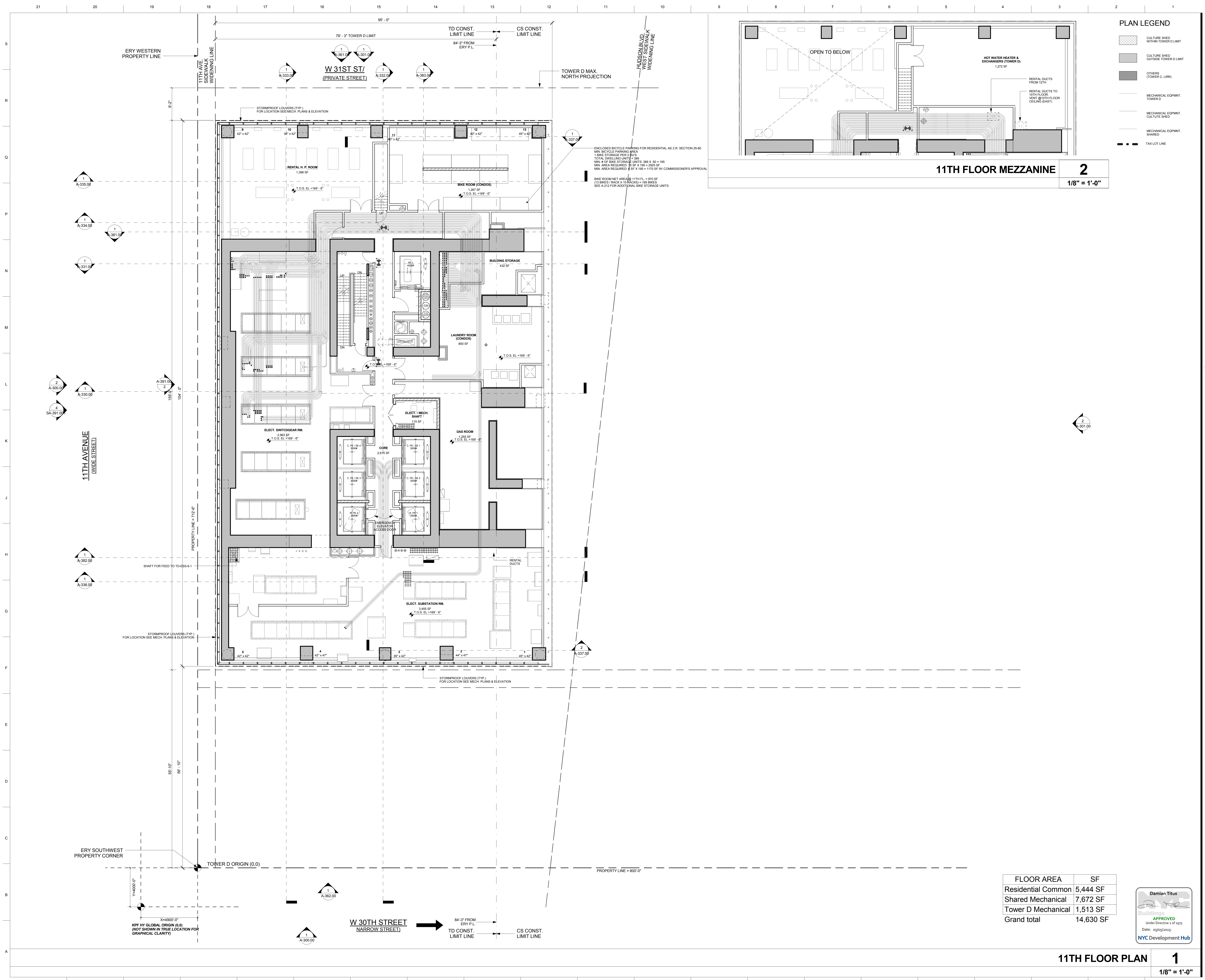
FLOOR AREA	SF
Culture Shed	1,885 SF
Open To Below	853 SF
Residential Common	4,808 SF
Shared Mechanical	4,523 SF
Tower D Mechanical	2,015 SF
Grand total	14,085 SF



**10TH FLOOR PLAN** **1**  
1/8" = 1'-0"







**PLAN LEGEND**

- CULTURE SHED WITHIN TOWER D LIMIT
- CULTURE SHED OUTSIDE TOWER D LIMIT
- OTHERS (TOWER C, LIRR)
- MECHANICAL EQUIPT. TOWER D
- MECHANICAL EQUIPT. CULTURE SHED
- MECHANICAL EQUIPT. SHARED
- TAX LOT LINE

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Janet Levy Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10003  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
330 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-370-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**DATE OF PRINT**  
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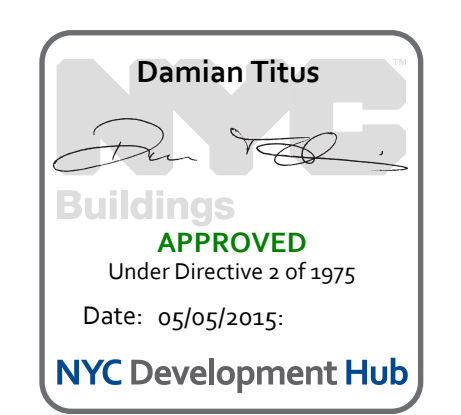
**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
11TH FLOOR PLAN

**DRAWING NO.**  
A-211.00

FLOOR AREA	SF
Residential Common	5,444 SF
Shared Mechanical	7,672 SF
Tower D Mechanical	1,513 SF
<b>Grand total</b>	<b>14,630 SF</b>



**11TH FLOOR PLAN 1**  
1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

- OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000
- EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444
- DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.269.7971
- DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334
- STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988
- MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300
- EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398
- VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220
- LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411
- ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. #8  
New York, NY 10018  
T: 212-201-1776
- LANDSCAPE DESIGNER:**  
Nelson Byrd White  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

- SHEET NOTES:**
- TYPICAL PARTITIONS NOTES:
- REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
  - ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2: 1 @ RENTAL FLOORS (FLS 12-18)  
C2: 2 @ CONDO FLOORS (FLS 19 AND UP)  
C2: 1 OR C2: 2 AT CHASE WALLS
  - ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
D2: 1 BETWEEN RENTAL APPTS  
D2: 2 BETWEEN CONDO APPTS  
C2: 1 AT CHASES BETW RENTAL APPTS  
C2: 2 AT CHASES BETW CONDO APPTS
  - SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
  - SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR RATED SOLID SHAFT WALLS OF TYPE H2.1 U.O.N.
  - FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE 5/8" TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE 5/8" OR 1" FOR C2.2 TYP.

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.30.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

**DATE OF PRINT**  
1/20/2015 8:30:43 PM

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

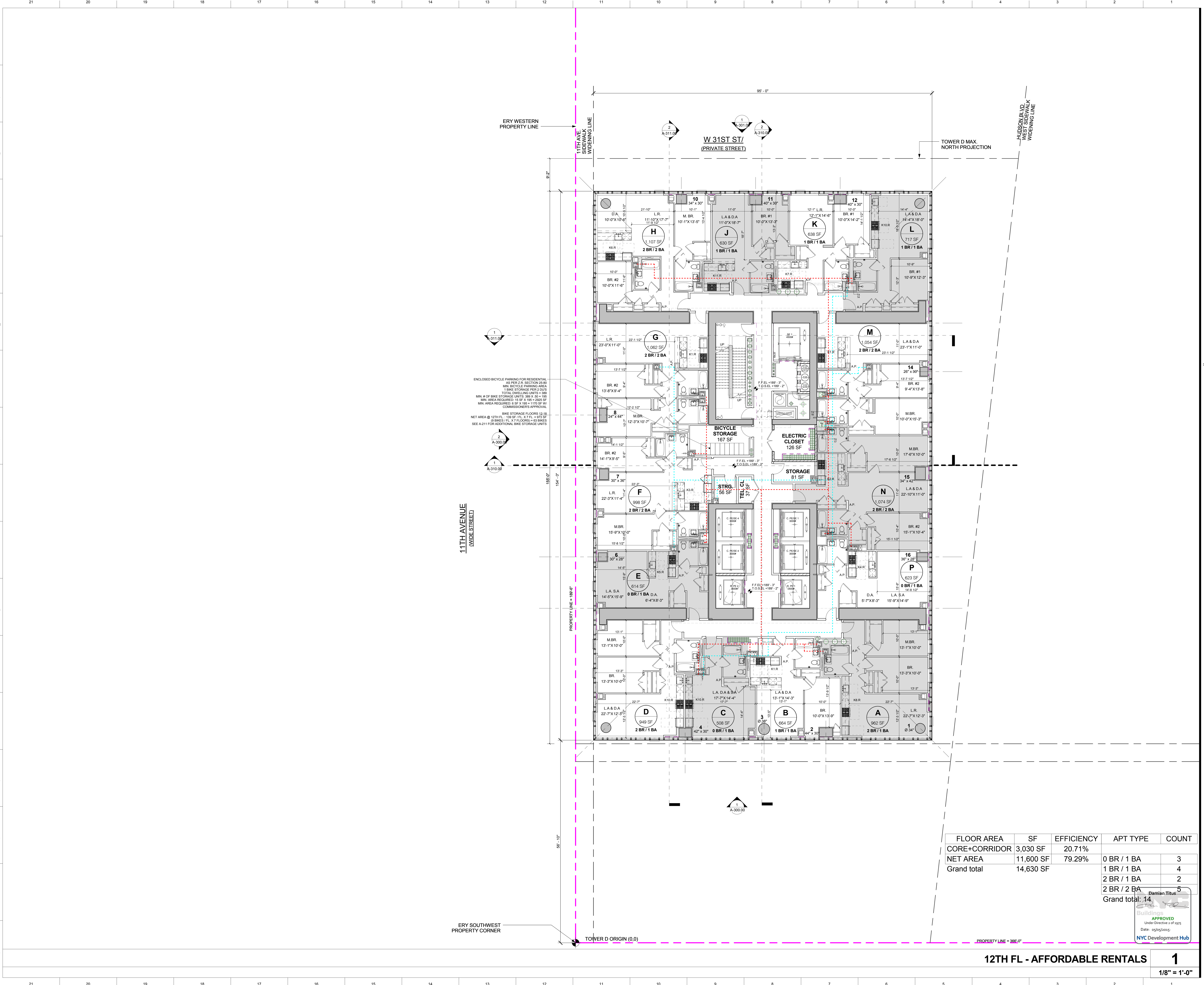
**PROJECT NUMBER**

FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	3,030 SF	20.71%		
NET AREA	11,600 SF	79.29%	0 BR / 1 BA	3
Grand total	14,630 SF		1 BR / 1 BA	4
			2 BR / 1 BA	2
			2 BR / 2 BA	5
				Grand total: 14

APPROVED  
Under Directive 2 of 1975  
Date: 05/05/2015  
NYC Development Hub

**12TH FL - AFFORDABLE RENTALS**

**A-212.00**



ERY WESTERN PROPERTY LINE

11TH AVENUE SIDEWALK WIDENING LINE

W 31ST ST / (PRIVATE STREET)

TOWER D MAX NORTH PROJECTION

HUDSON RIVER WEST SIDE WALK WIDENING LINE

11TH AVENUE (UNDER STREET)

ERY SOUTHWEST PROPERTY CORNER

TOWER D ORIGIN (0,0)

PROPERTY LINE = 366'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Janani Laya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
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New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
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5 Union Square, West  
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T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
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T: 212.697.6988

**MEP ENGINEER:**  
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80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

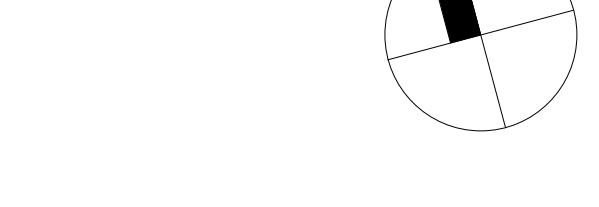
**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. #8  
New York, NY 10018  
T: 212-201-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd White  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

- SHEET NOTES:**
- 1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
  - 2. ALL DEMING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:
    - 02 1 @ RENTAL FLOORS (FLS 12-18)
    - 02 2 @ COND. FLOORS (FLOORS 19 AND UP)
    - C2 1 OR C2 2 AT CHASE WALLS
  - 3. ALL DEMING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:
    - 02 1 BETWEEN RENTAL APPTS
    - 02 2 BETWEEN COND. APPTS
    - C2 1 AT CHASES BETW RENTAL APPTS
    - C2 2 AT CHASES BETW COND. APPTS
  - 4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2 OR H2.3 AS INDICATED ON PLANS.
  - 5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR RATED SOLID SHAFT WALLS OF TYPE H2.1 U.O.N.
  - 6. FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE 501 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE 501 OR 502 TYP.

**KEY PLAN**



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
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FOUNDATION BID SET	06.02.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE) PROGRESS DWGS	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	3,049 SF	20.84%		
NET AREA	11,581 SF	79.16%	0 BR / 1 BA	3
Grand total	14,630 SF		1 BR / 1 BA	4
			2 BR / 1 BA	2
			2 BR / 2 BA	5
			Grand total:	14



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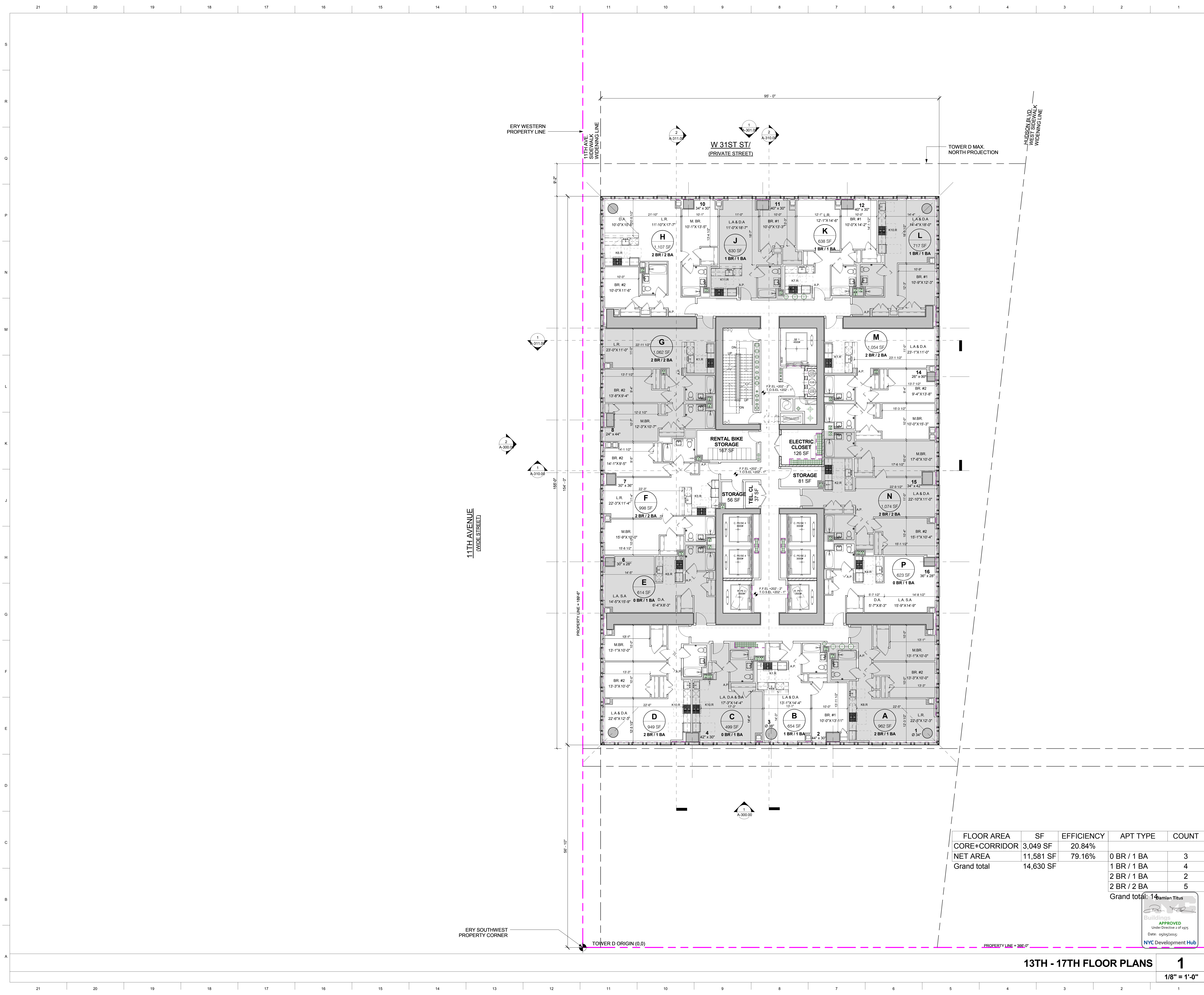
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1/8" = 1'-0"

**PROJECT NUMBER:**

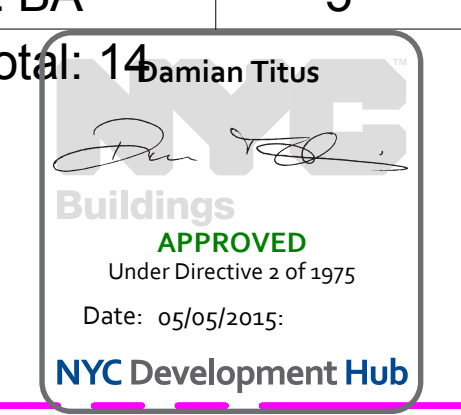
**TITLE:**  
13TH FLOOR PLAN / AFFORDABLE RENTALS

**DRAWING NO.:**

**A-213.00**



FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	3,049 SF	20.84%		
NET AREA	11,581 SF	79.16%	0 BR / 1 BA	3
Grand total	14,630 SF		1 BR / 1 BA	4
			2 BR / 1 BA	2
			2 BR / 2 BA	5
			Grand total:	14



**13TH - 17TH FLOOR PLANS**

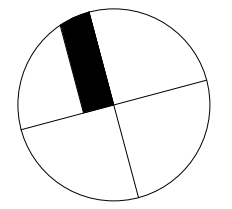
**1**  
1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

- OWNER:  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000
- EXECUTIVE ARCHITECT:  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444
- DESIGNER:  
Diller Scofidio+Renfro  
601 West 26 Street - 1815  
New York, New York 10001  
T: 212.260.7871
- DESIGNER:  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334
- STRUCTURAL ENGINEER:  
WSP Cantor Seimark  
228 E. 45th Street  
New York, NY 10017  
T: 212.697.6988
- MEP ENGINEER:  
Janice Bark & Bales Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9500
- EXTERIOR WALL CONSULTANT:  
Israel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398
- VERTICAL TRANSPORTATION:  
VDA  
5 Regent Street, Suite 524  
Lewistown, NJ 07039  
T: 973-994-9220
- LEED CONSULTANT:  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411
- ACOUSTICAL CONSULTANTS:  
CERAMI & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212-291-1776
- LANDSCAPE DESIGNER:  
Nelson Byrd White  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

- SHEET NOTES:**
- 1. REFER TO A-310, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
  - 2. ALL DEMING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: C2 (2) @ CONDO FLOORS (FLOORS 19 AND UP); C2.1 OR C2.2 AT CHASE WALLS.
  - 3. ALL DEMING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: C2 (1) BETWEEN RENTAL APPTS; C2.1 AT CHASES BETWEEN RENTAL APPTS; C2.2 AT CHASES BETWEEN CONDO APPTS.
  - 4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
  - 5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED SOLID SHAFT WALLS OF TYPE H2.1 U.O.N.
  - 6. FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE 5/16" AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER 6 OR 6.05 C.T.P.

**KEY PLAN**



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILINGS	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE) PROGRESS DWGS	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	3,030 SF	20.71%		
NET AREA	11,601 SF	79.29%	0 BR / 1 BA	3
Grand total	14,630 SF		1 BR / 1 BA	4
			2 BR / 1 BA	2
			2 BR / 2 BA	5
			Grand total:	14

**Damian Titus**  
**APPROVED**  
Under Directive 2 of 5975  
Date: 05/05/2015  
**NYC Development Hub**



DATE OF PRINT: 1/20/2015 8:31:05 PM  
DRAWING SCALE: 1/8" = 1'-0"  
PROJECT NUMBER:

TITLE: 18TH FLOOR PLAN / AFFORDABLE RENTALS  
DRAWING NO.:

**18TH FL - AFFORDABLE RENTALS**  
**1**  
1/8" = 1'-0"



**15 HUDSON YARDS**  
**a.k.a. 553 W 30TH STREET,**  
**NEW YORK, NY.**

**OWNER:**  
 Related Companies  
 90 Columbus Circle  
 New York, NY 10023  
 T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
 Jemal Loya Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.290.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.260.7971

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinik  
 228 E. 45th Street  
 New York, NY 10017  
 T: 212.697.6988

**MEP ENGINEER:**  
 James Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
 Hessel Berger & Associates  
 300 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Verdian  
 300 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAMI & ASSOCIATES INC.  
 404 9th Ave. 8B  
 New York, NY 10018  
 T: 212-201-1776

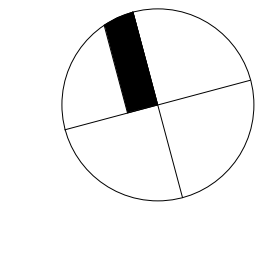
**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 920  
 New York, NY 10003  
 T: 212-260-2270

**SHEET NOTES:**

**TYPICAL PARTITIONS NOTES:**

- REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
- ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.N.):  
 C2 1 @ RENTAL FLOORS (FLS 12-18)  
 C2 2 @ CONDO FLOORS (FLOORS 19 AND UP)  
 C2 1 OR C2 2 AT CHASE WALLS
- ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.N.):  
 C2 1 BETWEEN RENTAL APPTS  
 C2 2 BETWEEN CONDO APPTS  
 C2 1 AT CHASES BETW RENTAL APPTS  
 C2 2 AT CHASES BETW CONDO APPTS
- SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2 OR H2.3 AS INDICATED ON PLANS.
- SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED SOLID SHAFT WALLS OF TYPE H2 U.O.N.
- FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ES1 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER ES2 OR ES3 TYP.


**KEY PLAN**



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
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FOUNDATION BID SET	06.02.2014
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FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE) PROGRESS DWGS	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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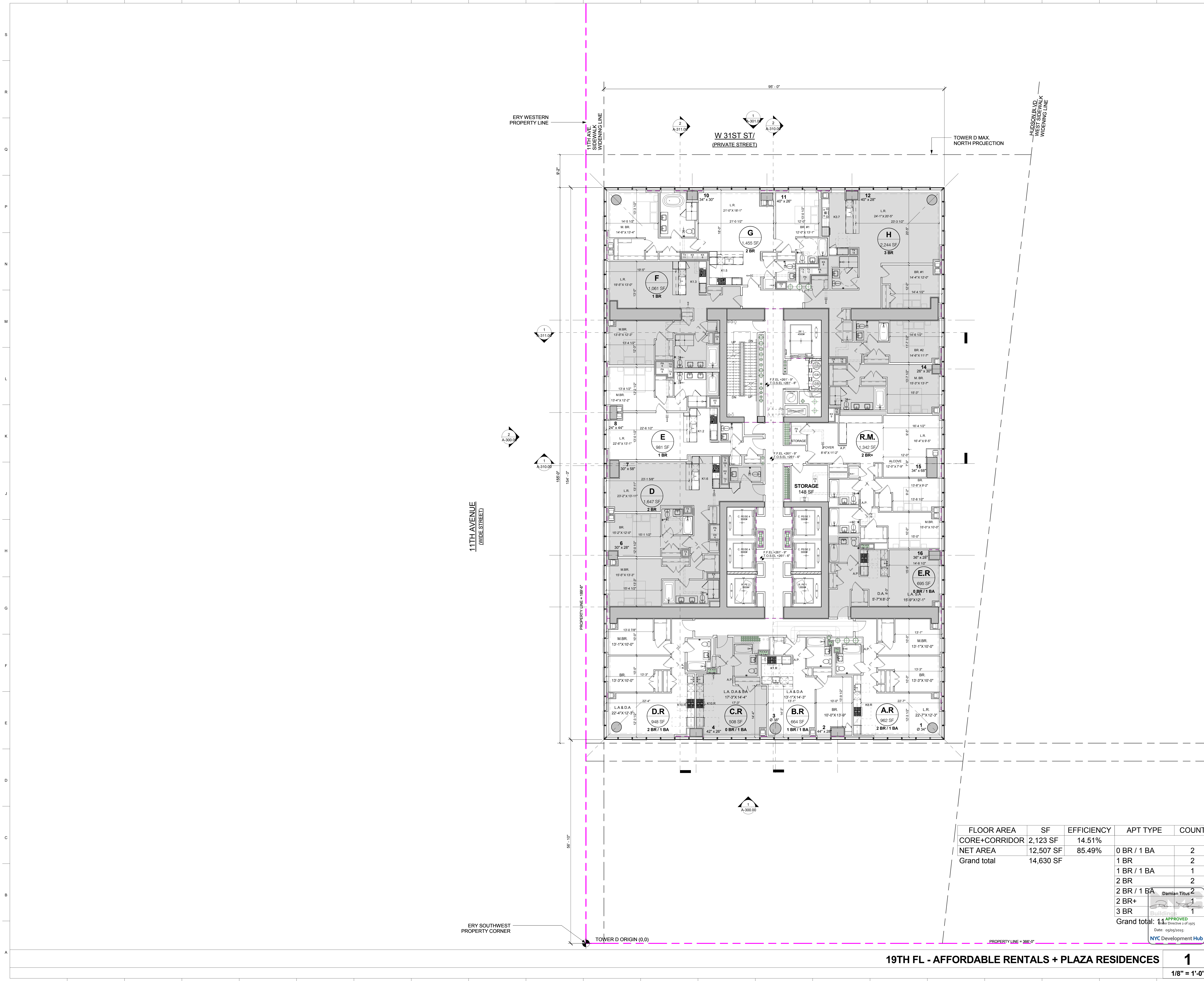


**DATE OF PRINT**  
 1/20/2015 8:31:17 PM

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

**PROJECT NUMBER**

**TITLE**  
 19TH FLOOR PLAN / AFFORDABLE RENTALS + PLAZA RESIDENCES  
 DRAWING NO.



FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	2,123 SF	14.51%	0 BR / 1 BA	2
NET AREA	12,507 SF	85.49%	1 BR	2
Grand total	14,630 SF		1 BR / 1 BA	1
			2 BR	2
			2 BR / 1 BA	2
			2 BR+	1
			3 BR	1
			Grand total:	14

**19TH FL - AFFORDABLE RENTALS + PLAZA RESIDENCES**

**1**  
 1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
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**EXECUTIVE ARCHITECT:**  
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48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York, 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York, 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
Janice Bark & Bolles Consulting Engineers  
80 Pine Street  
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T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Insel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Vridan  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
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**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-260-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd White  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

- TYPICAL PARTITIONS NOTES:  
1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.  
2. ALL DEMING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2 1 @ RENTAL FLOORS (F.L.S. 12-18)  
C2 2 @ CONDO FLOORS (FLOORS 19 AND UP)  
C2 1 OR C2 2 AT CHASE WALLS
- ALL DEMING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
D2 1 BETWEEN RENTAL APPTS  
D2 2 AT CHASES BETW RENTAL APPTS  
D2 3 AT CHASES BETW CONDO APPTS
- SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2 OR H2.3 AS INDICATED ON PLANS.
- SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED SOLID SHAFT WALLS OF TYPE H2.1 U.O.N.
- FURNISH AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ESI TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE ESI OR ESI FOR E2 TYP.

**KEY PLAN**

**ISSUE SET**      **DATE**

SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
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(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

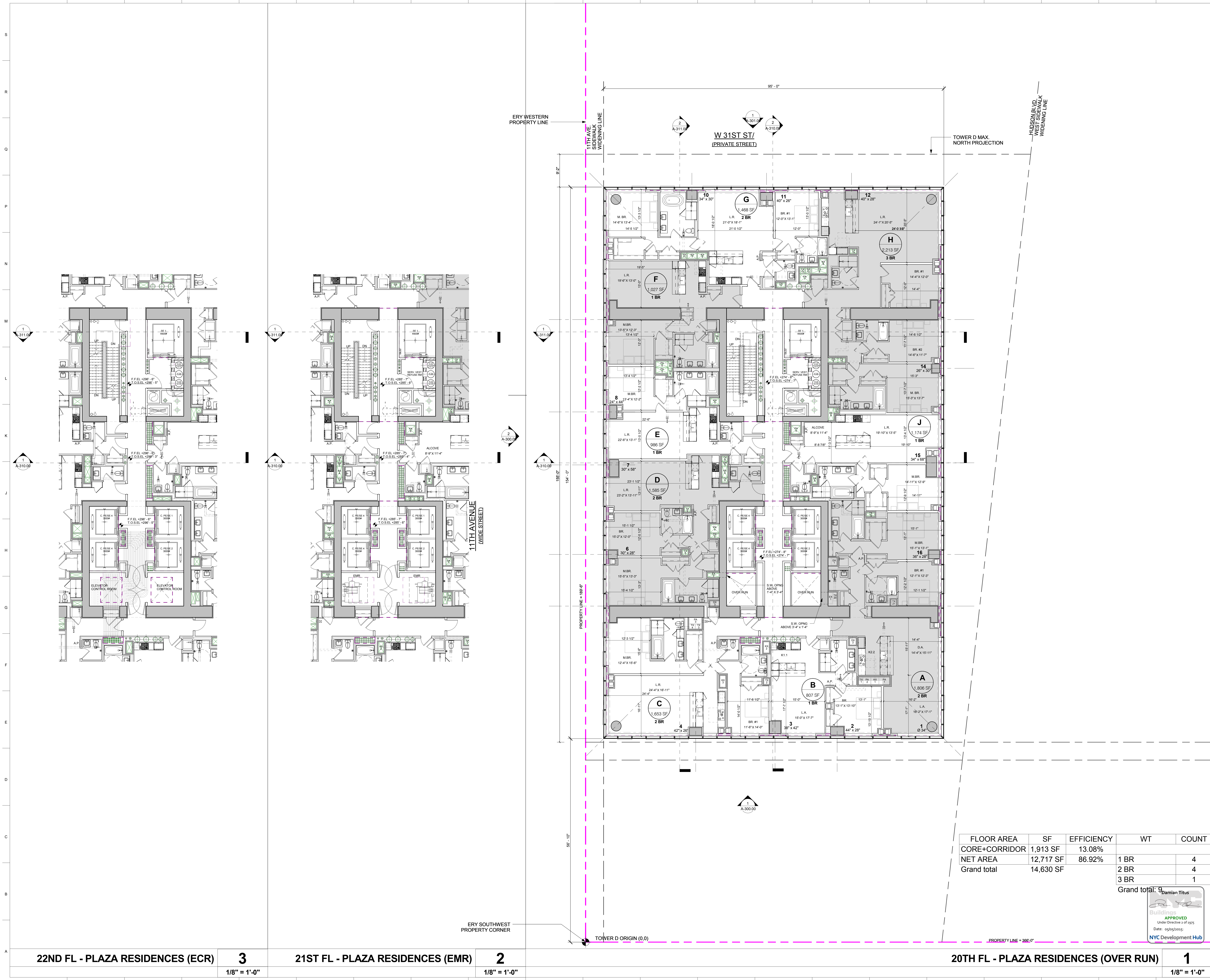
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1/20/2015 8:31:35 PM

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

**PROJECT NUMBER**

**TITLE**  
20TH FLOOR PLAN / PLAZA RESIDENCES

**DRAWING NO.**  
A-220.00



FLOOR AREA	SF	EFFICIENCY	WT	COUNT
CORE+CORRIDOR	1,913 SF	13.08%		
NET AREA	12,717 SF	86.92%	1 BR	4
Grand total	14,630 SF		2 BR	4
			3 BR	1

Grand total: 9

APPROVED  
Under Directive 2 of 1975  
Date: 05/25/2015  
NYC Development Hub

22ND FL - PLAZA RESIDENCES (ECR)	<b>3</b>	21ST FL - PLAZA RESIDENCES (EMR)	<b>2</b>	20TH FL - PLAZA RESIDENCES (OVER RUN)	<b>1</b>
	1/8" = 1'-0"		1/8" = 1'-0"		1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York, 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York, 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E. 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
Janice Bank & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Veridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

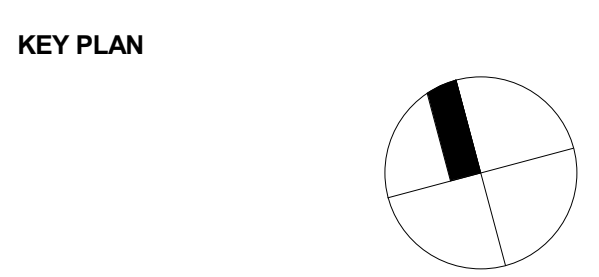
**ACOUSTICAL CONSULTANTS:**  
CERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-251-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

**TYPICAL PARTITIONS NOTES:**

1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS & ALL PARTITIONS INDICATED ON THE PLANS.
2. ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2 1 @ RENTAL FLOORS (FLS 12-18)  
C2 2 @ CONDOS FLOORS (FLOORS 19 AND UP)  
C2 1 OR C2 2 AT CHASE WALLS
3. ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2 1 BETWEEN RENTAL APTS  
C2 2 BETWEEN CONDO APTS  
C2 1 AT CHASES B/TW RENTAL APTS  
C2 2 AT CHASES B/TW CONDO APTS
4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED SOLID SHAFT WALLS OF TYPE H2.1 U.O.N.
6. FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE 5/8" TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER 6/8" OR 6/12" TYP.



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILMS	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



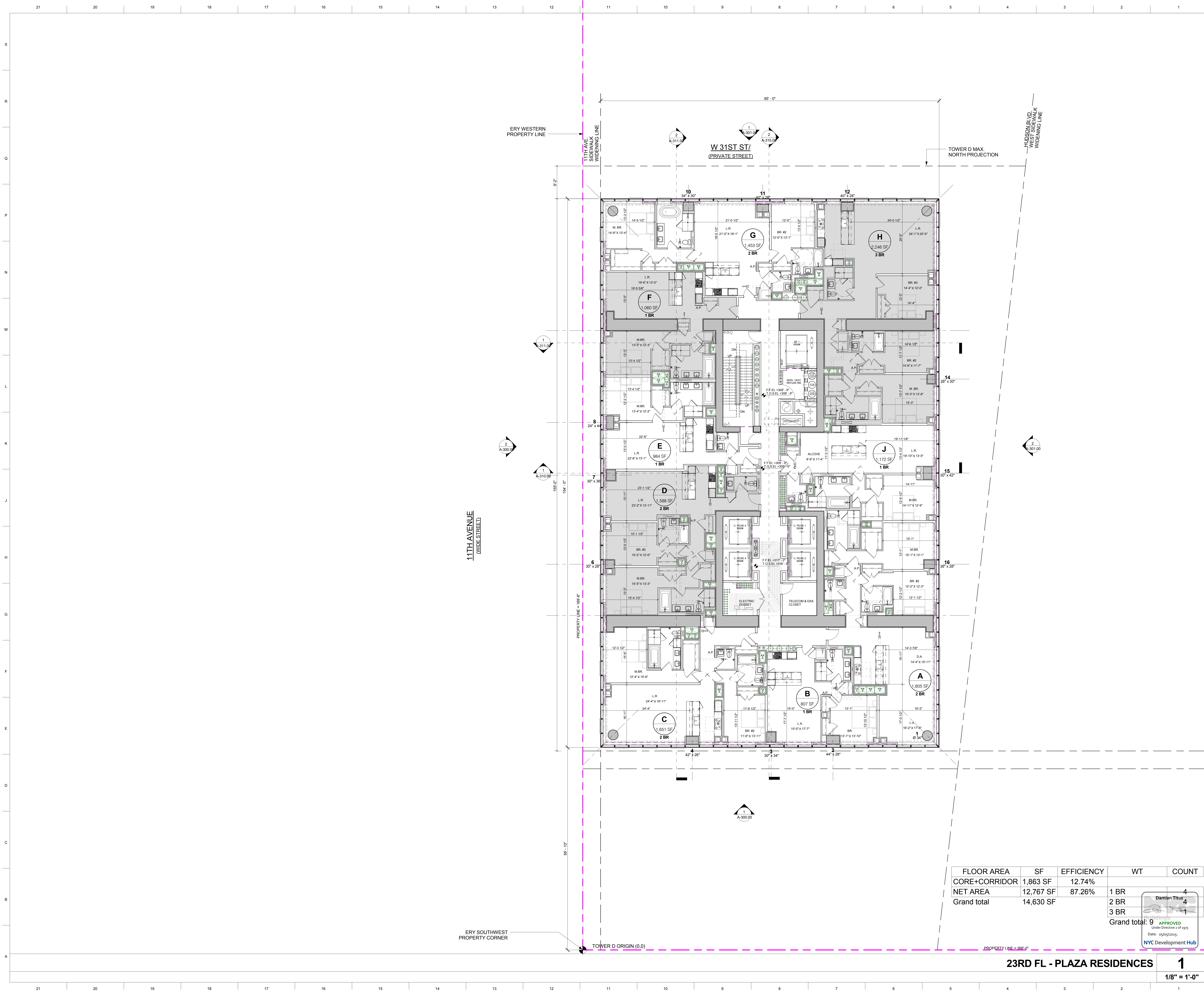
**DATE OF PRINT:**  
1/20/2015 8:42:33 PM

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

**PROJECT NUMBER:**

**TITLE:**  
23RD FLOOR PLAN / PLAZA RESIDENCES

**DRAWING NO.:**



FLOOR AREA	SF	EFFICIENCY	WT	COUNT
CORE+CORRIDOR	1,863 SF	12.74%		
NET AREA	12,767 SF	87.26%		
Grand total	14,630 SF			

Grand total: 9  
 1 BR  
 2 BR  
 3 BR  
 4  
 4  
 4  
 APPROVED  
 Under Directive 2 of 1975  
 Date: 05/25/2015  
 NYC Development Hub

**23RD FL - PLAZA RESIDENCES**  
**1**  
 1/8" = 1'-0"

**A-223.00**

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

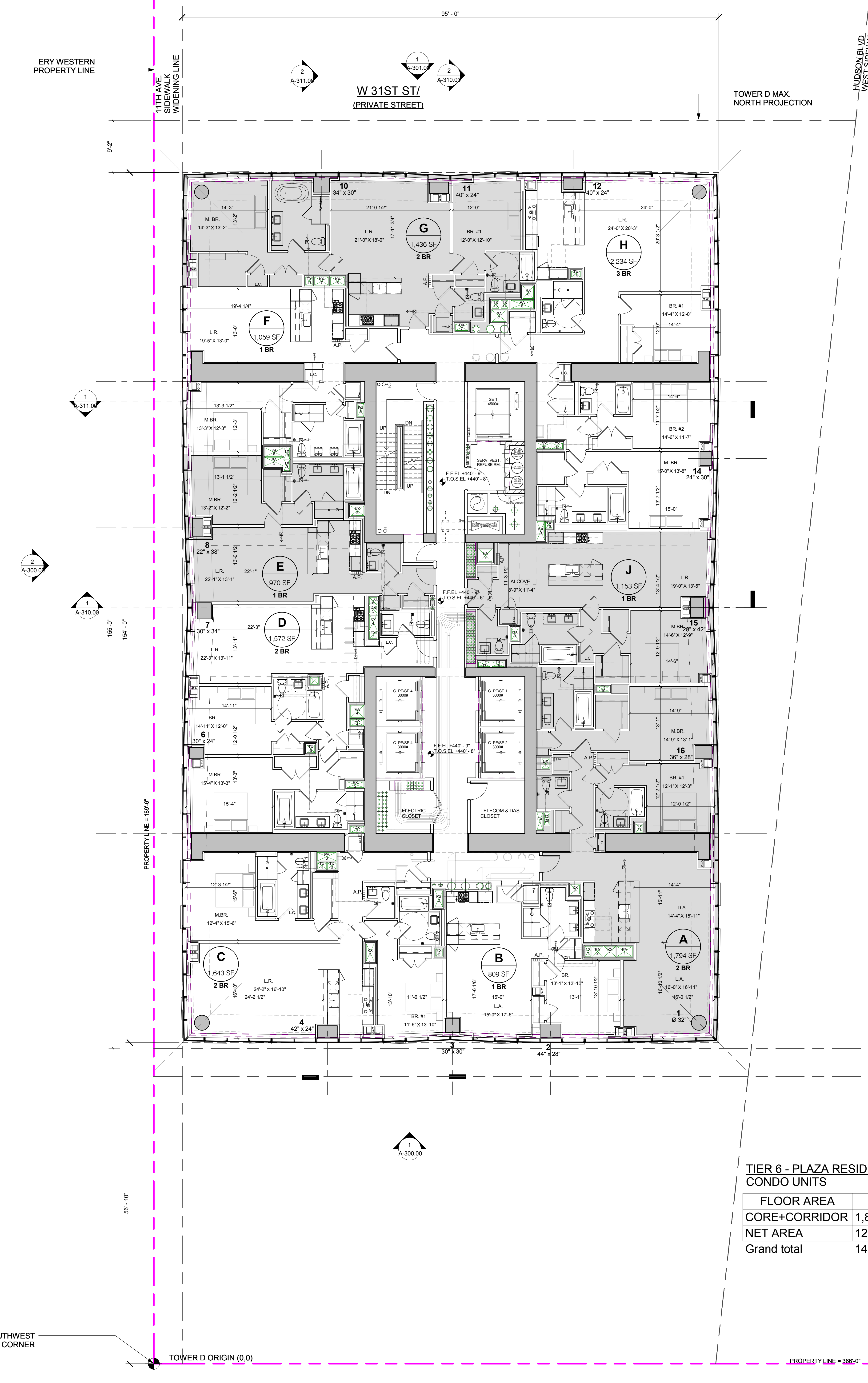
- OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000
- EXECUTIVE ARCHITECT:**  
Januel Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444
- DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York, 10001  
T: 212.293.7971
- DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York, 10003  
T: 212-463-0334
- STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E. 45th Street  
New York, NY 10017  
T: 212.697.6988
- MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300
- EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398
- VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220
- LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411
- ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-291-1776
- LANDSCAPE DESIGNER:**  
Nelson Byrd Wootz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

- SHEET NOTES:**
- TYPICAL PARTITIONS NOTES:
1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS
  2. ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.):  
C2 2 HR CONDO FLOORS (FLOORS 19 AND UP)  
C2 1 HR C2 2 HR CHASE WALLS
  3. ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.):  
D2 1 HR CHASE BTRY BTRY APTS  
C2 2 HR CHASE BTRY BTRY APTS  
C2 3 AT CHASES BTRY CONDO APTS
  4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE HC2 OR HC3 AS INDICATED ON PLANS.
  5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED (GALV. SHAFT WALLS OF TYPE H2 U.O.N.)
  6. FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE E01 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER E01 OR E02 TYP.

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**TIER 6 - PLAZA RESIDENCES CONDO UNITS**

FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,863 SF	12.82%		
NET AREA	12,670 SF	87.18%	1 BR	4
Grand total:	14,534 SF		2 BR	4
			3 BR	1

Grand total: 9

APPROVED  
Under Directive 2 of 1975  
Date: 05/05/2015  
Damian Titus  
NYC Development Hub

**STAMP**

**DATE OF PRINT**  
1/26/2015 8:31:57 PM

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

**PROJECT NUMBER**

**TITLE**  
35TH FLOOR PLAN / PLAZA RESIDENCES

**DRAWING NO.**

**35TH FL - PLAZA RESIDENCES**

**1**  
1/8" = 1'-0"



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
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T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10003  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
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T: 973-994-9220

**LEED CONSULTANT:**  
Vridhan  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-201-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wootch  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

- SHEET NOTES:**
- TYPICAL PARTITIONS NOTES:  
1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS TO ALL PARTITIONS INDICATED ON THE PLANS.  
2. ALL DEMING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2-1 @ RENTAL FLOORS (FLS 12-18)  
C2-2 @ COND. FLOORS (FLOORS 19 AND UP)  
C2-1 OR C2-2 AT CHASE WALLS
  3. ALL DEMING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2-1 BETWEEN RENTAL APPTS  
C2-2 BETWEEN COND. APPTS  
C2-1 AT CHASES BETW RENTAL APPTS  
C2-2 AT CHASES BETW COND. APPTS
  4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
  5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR RATED SOLID SHAFT WALLS OF TYPE H2.1 U.O.N.
  6. FURNISH AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE 5.1 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER 5.0 OR 5.2 TYP.

**KEY PLAN**



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/26/2015 8:32:07 PM

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

**PROJECT NUMBER:**

**TITLE:**  
36TH FLOOR PLAN /  
MID-MECHANICAL LEVEL 1

**DRAWING NO.:**

FLOOR AREA	SF	EFFICIENCY
CORE+CORRIDOR	1,491 SF	10.28%
MECHANICAL	13,015 SF	89.72%
<b>Grand total</b>	<b>14,506 SF</b>	



**36TH FLOOR PLAN / MID-MECHANICAL LEVEL 1**

**1**  
1/8" = 1'-0"



15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
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T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.298.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.269.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

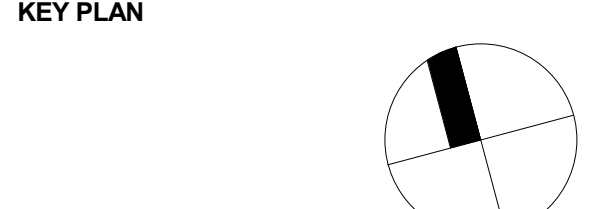
**LEED CONSULTANT:**  
Vridhan  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 8th Ave. 8B  
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T: 212-269-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wootz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-269-2270

**SHEET NOTES:**

- TYPICAL PARTITIONS NOTES:
- REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS & ALL PARTITIONS INDICATED ON THE PLANS.
  - ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: 02 1 @ RENTAL FLOORS (FLS 12-18) 02 2 @ COND FLOORS (FLOORS 19 AND UP) 02 1 OR 02 2 AT CHASE WALLS
  - ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: 02 1 BETWEEN RENTAL APPTS 02 2 BETWEEN COND APPTS 02 1 AT CHASES BETW RENTAL APPTS 02 2 AT CHASES BETW COND APPTS
  - SHAFTWALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
  - SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: 02 1 BETWEEN MECHANICAL APPTS 02 2 AT CHASES BETW MECHANICAL APPTS 02 1 AT CHASES BETW COND APPTS
  - FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE 5/8" TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER 6/8" OR 6/8" TYP.



**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



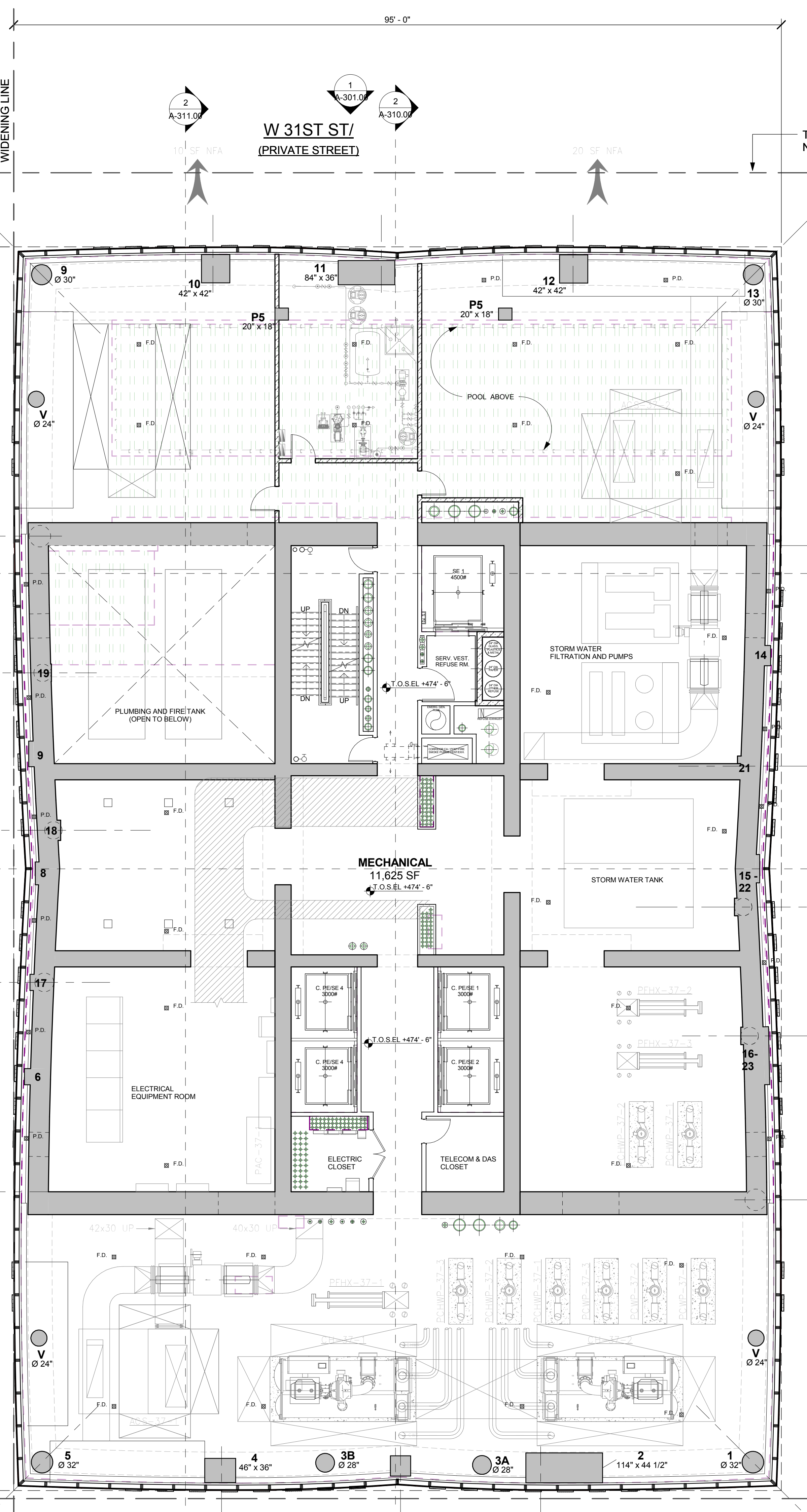
**DATE OF PRINT:**  
1/20/2015 8:32:16 PM

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

**PROJECT NUMBER:**

**TITLE:**  
37TH FLOOR PLAN /  
MID-MECHANICAL LEVEL 2

**DRAWING NO.:**  
A-237.00



FLOOR AREA	SF	Efficiency
CORE+CORRIDOR	1,987 SF	14%
MECHANICAL	11,625 SF	80%
OPEN TO BELOW	864 SF	6%
Grand total	14,476 SF	

**Damian Titus**  
Professional Engineer  
Under Directive 2 of 1975  
Date: 05/25/2015  
NYC Development Hub

**37TH FLOOR PLAN / MID-MECHANICAL LEVEL 2**

**1**  
1/8" = 1'-0"

15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
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**OWNER:**  
Related Companies  
60 Columbus Circle  
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**EXECUTIVE ARCHITECT:**  
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48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9898

**MEP ENGINEER:**  
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80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-690-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-2270

- SHEET NOTES:**
- TYPICAL PARTITIONS NOTES:**
- REFER TO A-210, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
  - ALL DESIGN PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:
    - U2 @ RENTAL FLOORS (F.L. 2-18)
    - U2 @ COND. FLOORS (FLOORS R4 AND UP)
    - C2 OR C2 AT CHASE WALLS
  - ALL DESIGN PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:
    - U2 @ BETWEEN RENTAL APTS
    - U2 @ CHASES SETW RENTAL APTS
    - C2 AT CHASES SETW COND. APTS
  - SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
  - SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:
    - U2 @ BETWEEN RENTAL APTS
    - U2 @ CHASES SETW RENTAL APTS
    - C2 AT CHASES SETW COND. APTS
  - FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE EQ. TYP. AND INCLUDING PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER EQ. OR EQ.2 TYP.

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
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FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**DATE OF PRINT**  
4/20/2015 11:51:53 PM

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

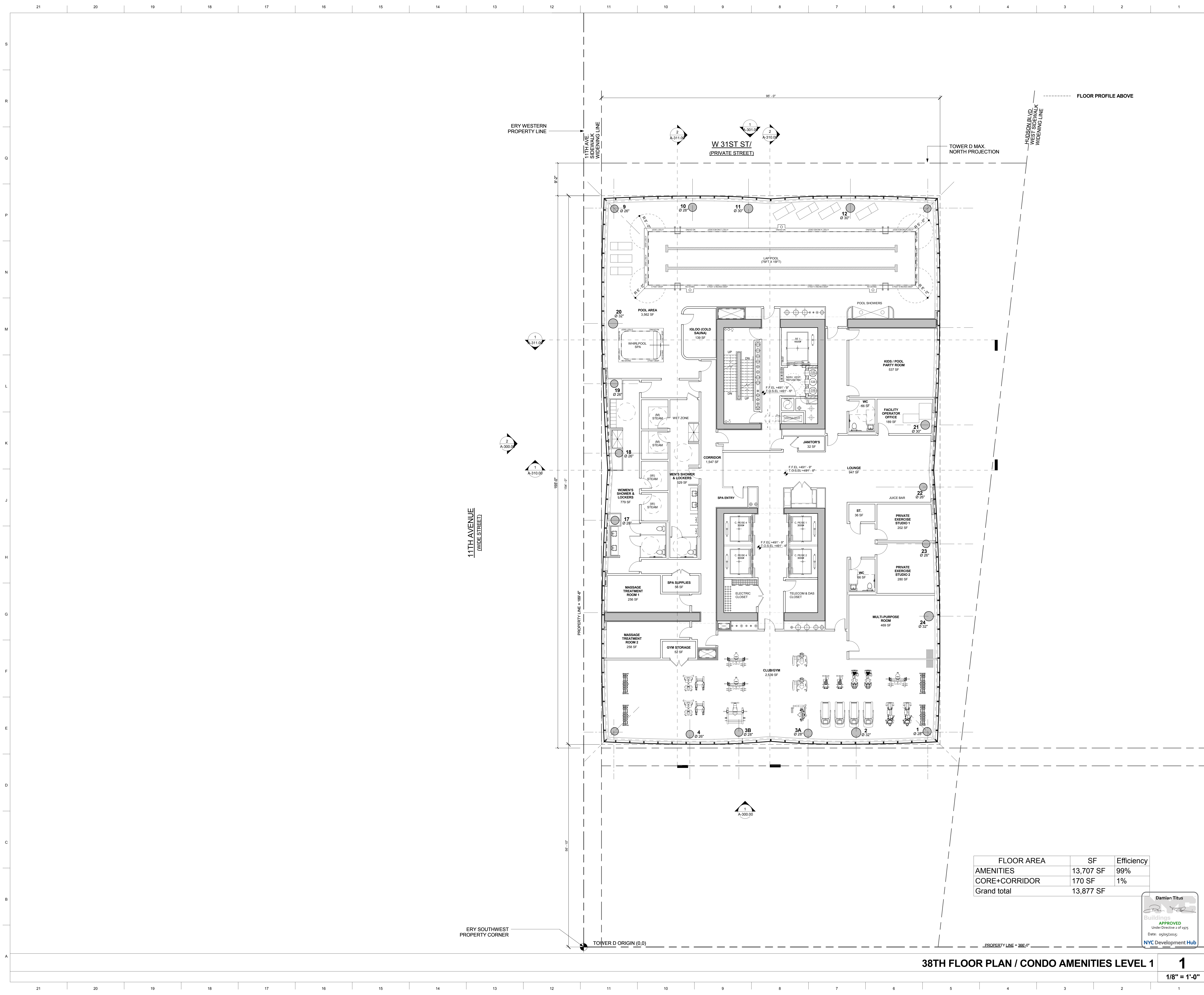
**PROJECT NUMBER**

**TITLE**  
38TH FLOOR PLAN / CONDO AMENITIES LEVEL 1

**DRAWING NO.**

**STAMP**

**1**  
1/8" = 1'-0"



FLOOR AREA	SF	Efficiency
AMENITIES	13,707 SF	99%
CORE+CORRIDOR	170 SF	1%
Grand total	13,877 SF	

Damian Titus  
Bullidomus  
APPROVED  
Under Directive 2 of 1975  
Date: 05/25/2015  
NYC Development Hub

38TH FLOOR PLAN / CONDO AMENITIES LEVEL 1

**1**  
1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
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**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
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**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
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**VERTICAL TRANSPORTATION:**  
VDA  
2 Regent Street, Suite 524  
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T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-670-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
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T: 212-260-2270

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
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FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV.1	06.20.2014
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SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**TYPICAL PARTITIONS NOTES:**

- REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
- ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.G.N.: U21 @ RENTAL FLOORS (FLS 12-18); U22 @ COND. FLOORS (FLOORS 19 AND UP); C21 OR C22 AT CHASE WALLS.
- ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.G.N.: U21 @ BETWEEN RENTAL APTS; U22 @ BETWEEN COND. APTS; C21 AT CHASES BETW RENTAL APTS; C22 AT CHASES BETW COND. APTS.
- SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
- SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.G.N.: U21 @ BETWEEN RENTAL APTS; U22 @ BETWEEN COND. APTS; C21 AT CHASES BETW RENTAL APTS; C22 AT CHASES BETW COND. APTS.
- FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ESJ. TYP. AND INCLUDING PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER ESJ OR ESJ.2 TYP.

**DATE OF PRINT**  
4/20/2015 11:02:51 PM

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

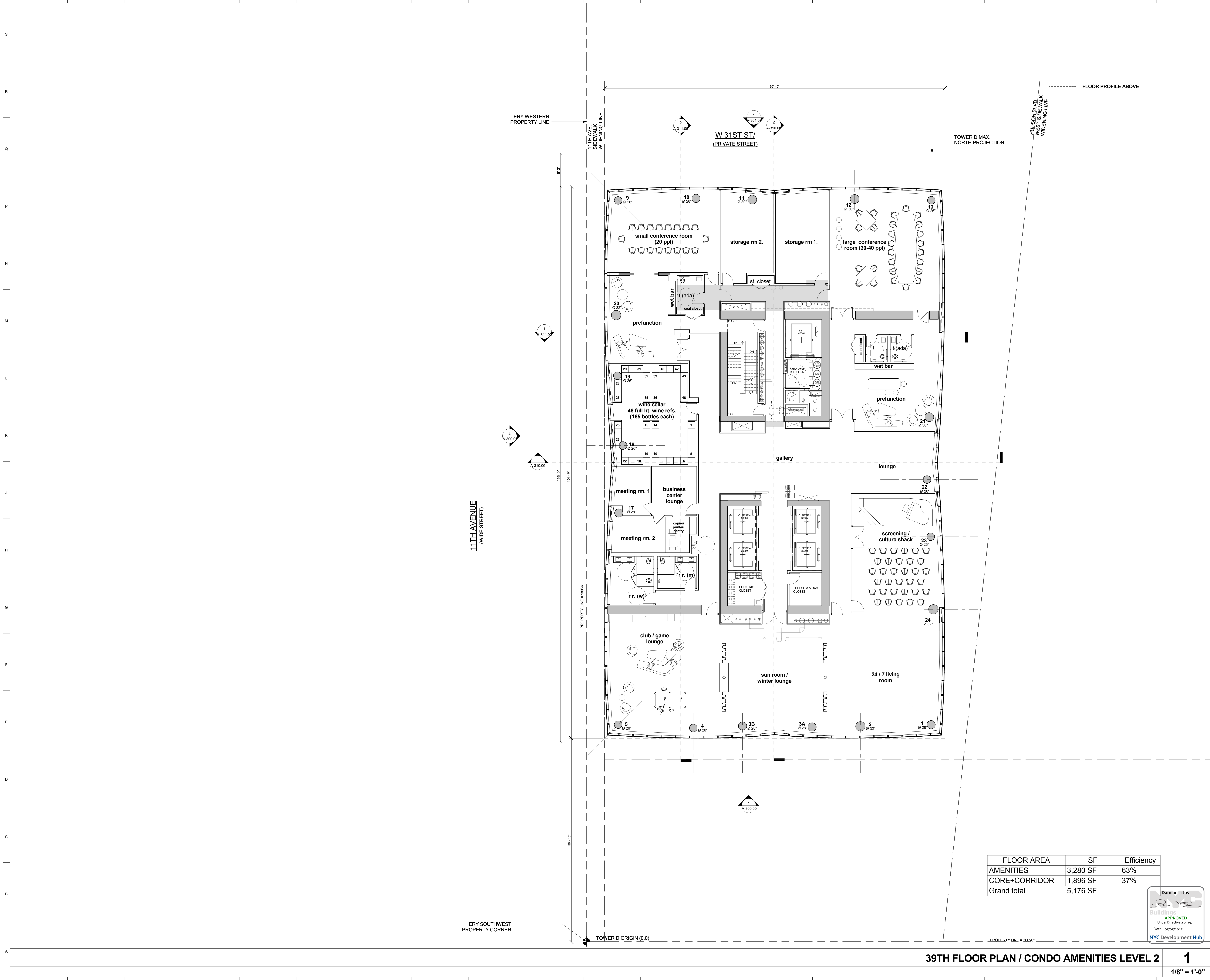
**PROJECT NUMBER**

**TITLE**  
39TH FLOOR PLAN / CONDO AMENITIES LEVEL 2

**DRAWING NO.**  
1

**STAMP**

**Damian Titus**  
Bullfinch  
APPROVED  
Under Directive 2 of 1975  
Date: 05/05/2015  
NYC Development Hub



FLOOR AREA	SF	Efficiency
AMENITIES	3,280 SF	63%
CORE+CORRIDOR	1,896 SF	37%
Grand total	5,176 SF	

**39TH FLOOR PLAN / CONDO AMENITIES LEVEL 2**

**1**

1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
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**EXECUTIVE ARCHITECT:**  
Jamal Loya Architects  
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**DESIGNER:**  
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**DESIGNER:**  
Rockwell Group  
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New York, New York 10003  
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**STRUCTURAL ENGINEER:**  
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228 E 45th Street  
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**MEP ENGINEER:**  
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**EXTERIOR WALL CONSULTANT:**  
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Livingston, NJ 07039  
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**LEED CONSULTANT:**  
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360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

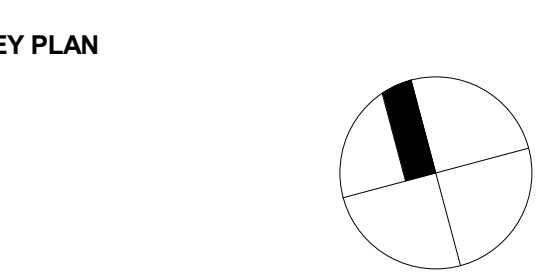
**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.291.1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wootz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270



**TYPICAL PARTITIONS NOTES:**

1. REFER TO A-10, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
2. ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.): C1 2 BR CONDO FLOORS (FLOORS 19 AND UP) C2 1 BR CONDO FLOORS (FLOORS 19 AND UP) C3 2 AT CHASES BTRY CONDO APTS
3. ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.): D1 1 BETWEEN RENTAL APTS D2 1 HR CHASES BTRY RENTAL APTS D3 2 AT CHASES BTRY RENTAL APTS D3.2 AT CHASES BTRY CONDO APTS
4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE HC2 OR HC3 AS INDICATED ON PLANS.
5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED RATED BTRY WALLS OF TYPE H2 1 U.O.N.
6. FINISHING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ED1 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER ED1 OR ED2 TYP.



**ISSUE SET**      **DATE**

SCHEMATIC DESIGN ISSUE	02.15.2013
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D.O.B. INITIAL PERM	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.22.2014
FOUNDATION BID SET REV. 1	06.30.2014
FINAL SD ISSUE - REVISED	08.25.2014
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(DD PHASE PROGRESS DWGS)	
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UPDATED DOB SET	01.20.2015



**TIER 5 CONDO UNITS**

FLOOR AREA	SF	Efficiency	APT TYPE	COUNT
CORE+CORRIDOR	1,691 SF	12%		
NET AREA	12,679 SF	88%	2 BR	6
Grand total	14,370 SF		Grand total: 6	



**DATE OF PRINT:**  
1/20/2015 8:32:43 PM

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

**PROJECT NUMBER:**

**TITLE:**  
**40TH FLOOR PLAN / LOFT RESIDENCES**

**DRAWING NO.:**

**40TH FL - LOFT RESIDENCES**      **1**

1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
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60 Columbus Circle  
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**DESIGNER:**  
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**DESIGNER:**  
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**MEP ENGINEER:**  
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**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**KEY PLAN**

**TYPICAL PARTITIONS NOTES:**  
1. REFER TO A-10, 01, 012 FOR PARTITION ASSEMBLY  
DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.  
2. ALL DEMISING PARTITIONS BETWEEN APARTMENTS  
AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED.  
TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.):  
C1 1.0 CORE WALLS (FLOORS 19 AND UP)  
C2 1.0 CHASE WALLS  
C3 3.0 AT CHASE WALLS  
3. ALL DEMISING PARTITIONS BETWEEN APARTMENTS  
SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION  
TYPES TO BE AS FOLLOWS (U.O.N.):  
D1 1.0 BETWEEN RENTAL APTS  
D2 1.0 AT CHASE BTRY RENTAL APTS  
D3 2.0 AT CHASE BTRY CONDO APTS  
4. SHAFTHALLS AT STAIR AND ELEVATOR SHAFTS SHALL  
BE MIN. 2 HR FIRE RATED AND TO BE TYPE H-2 OR H-3,  
AS INDICATED ON PLANS.  
5. SHAFTHALLS AROUND MECHANICAL DUCTS AND  
CHASES SHALL BE MIN. 2 HR RATED. RATED SHAFTHALLS  
OF TYPE H-2 U.O.N.  
6. FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING  
CURTAIN WALL SHALL BE ED1 TYP. AND AROUND  
PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS  
SHALL BE EITHER ED1 OR ED2 TYP.

**ISSUE SET**

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SCHEMATIC DESIGN ISSUE	02.15.2013
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FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
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FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
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**DATE**

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

**PROJECT NUMBER**

**TITLE**  
45TH FLOOR PLAN / LOFT  
RESIDENCES

**DRAWING NO.**  
A-245.00

**DATE**  
1/20/2015 8:32:52 PM

**PROJECT NUMBER**  
A-245.00

**DRAWING NO.**  
A-245.00



**TIER 5  
CONDO UNITS**

FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,691 SF	11.91%		
NET AREA	12,515 SF	88.09%	2 BR	6
Grand total	14,206 SF			Grand total: 6

Damian Titus  
Bulldog  
**APPROVED**  
Under Directive 2 of 1975  
Date: 09/25/2015  
NYC Development Hub

**45TH FL - LOFT RESIDENCES**

**1**  
1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
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**EXECUTIVE ARCHITECT:**  
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48 West 37th Street  
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**DESIGNER:**  
Diller Scofidio+Renfro  
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**DESIGNER:**  
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5 Union Square, West  
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**STRUCTURAL ENGINEER:**  
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**MEP ENGINEER:**  
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**EXTERIOR WALL CONSULTANT:**  
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**VERTICAL TRANSPORTATION:**  
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**LEED CONSULTANT:**  
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**ACOUSTICAL CONSULTANTS:**  
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404 5th Ave. 8B  
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T: 212-269-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wootz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-2270

**SHEET NOTES:**

**TYPICAL PARTITIONS NOTES:**

- 1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
- 2. ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS I.O.N.:
  - 02 2 BR CONDO FLOORS (FLOORS 19 AND UP)
  - 03 1 OR 2 AT CHASE WALLS
- 3. ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS I.O.N.:
  - 02 1 BETWEEN RENTAL APTS
  - 03 1 AT CHASES BETW RENTAL APTS
  - 03 2 AT CHASES BETW CONDO APTS
- 4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
- 5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED GAIN BUILT WALLS OF TYPE H2.1 U.O.N.
- 6. FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE E01 TYP AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER E01 OR E02 TYP.

**KEY PLAN**

ISSUE SET	DATE
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E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
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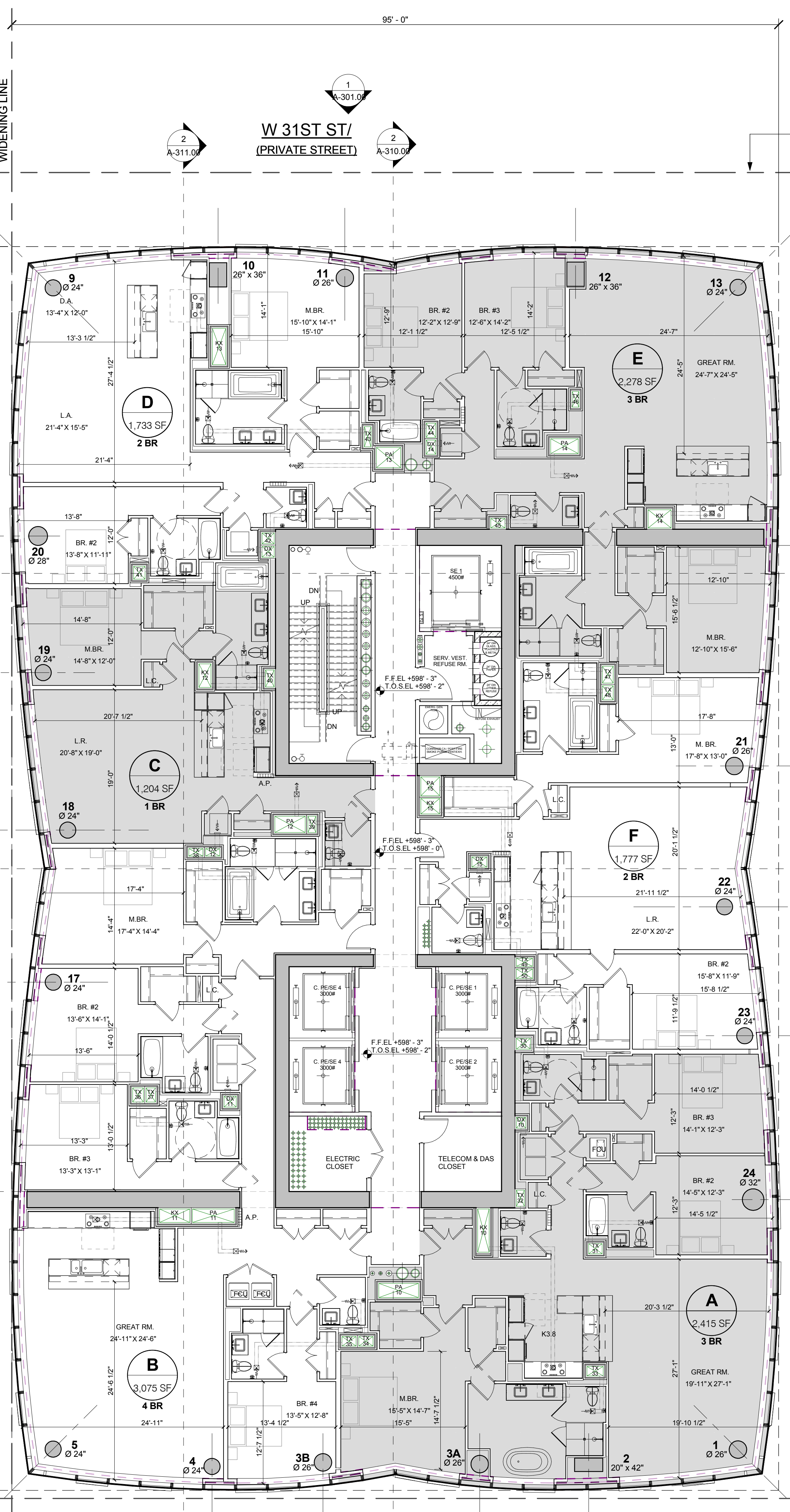
**DATE OF PRINT**  
1/26/2015 8:33:06 PM

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

**PROJECT NUMBER**

**TITLE**  
46TH FLOOR PLAN / PANORAMA RESIDENCES

**DRAWING NO.**  
**A-246.00**



**TIER 4 CONDO UNITS**

FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,684 SF	11.89%		
NET AREA	12,481 SF	88.11%	1 BR	1
			2 BR	2
			3 BR	2
			4 BR	1
Grand total:	6			



**46TH FL - PANORAMA RESIDENCES**

**1**

1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
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**EXECUTIVE ARCHITECT:**  
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**DESIGNER:**  
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**STRUCTURAL ENGINEER:**  
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228 E 45th Street  
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**MEP ENGINEER:**  
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**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
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T: 212-689-5398

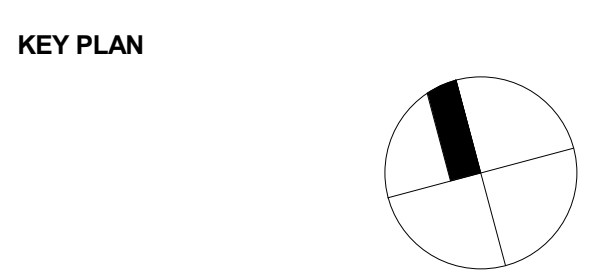
**VERTICAL TRANSPORTATION:**  
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**LEED CONSULTANT:**  
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**LANDSCAPE DESIGNER:**  
Nelson Byrd White  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-269-2270

- SHEET NOTES:**
- TYPICAL PARTITIONS NOTES:  
1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
  - ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2 @ RENTAL FLOORS (FLS 12-18)  
C2 @ COND FLOORS (FLOORS 19 AND UP)  
C2.1 OR C2.2 AT CHASE WALLS
  - ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2.1 BETWEEN RENTAL APPTS  
C2.2 BETWEEN COND APPTS  
C2.1 AT CHASES BETW RENTAL APPTS  
C2.2 AT CHASES BETW COND APPTS
  - SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
  - SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED SOLID SHAFT WALLS OF TYPE H2.1 U.O.N.
  - FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE 5/8" TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER 6/8" OR 6/8" C2 TYP.



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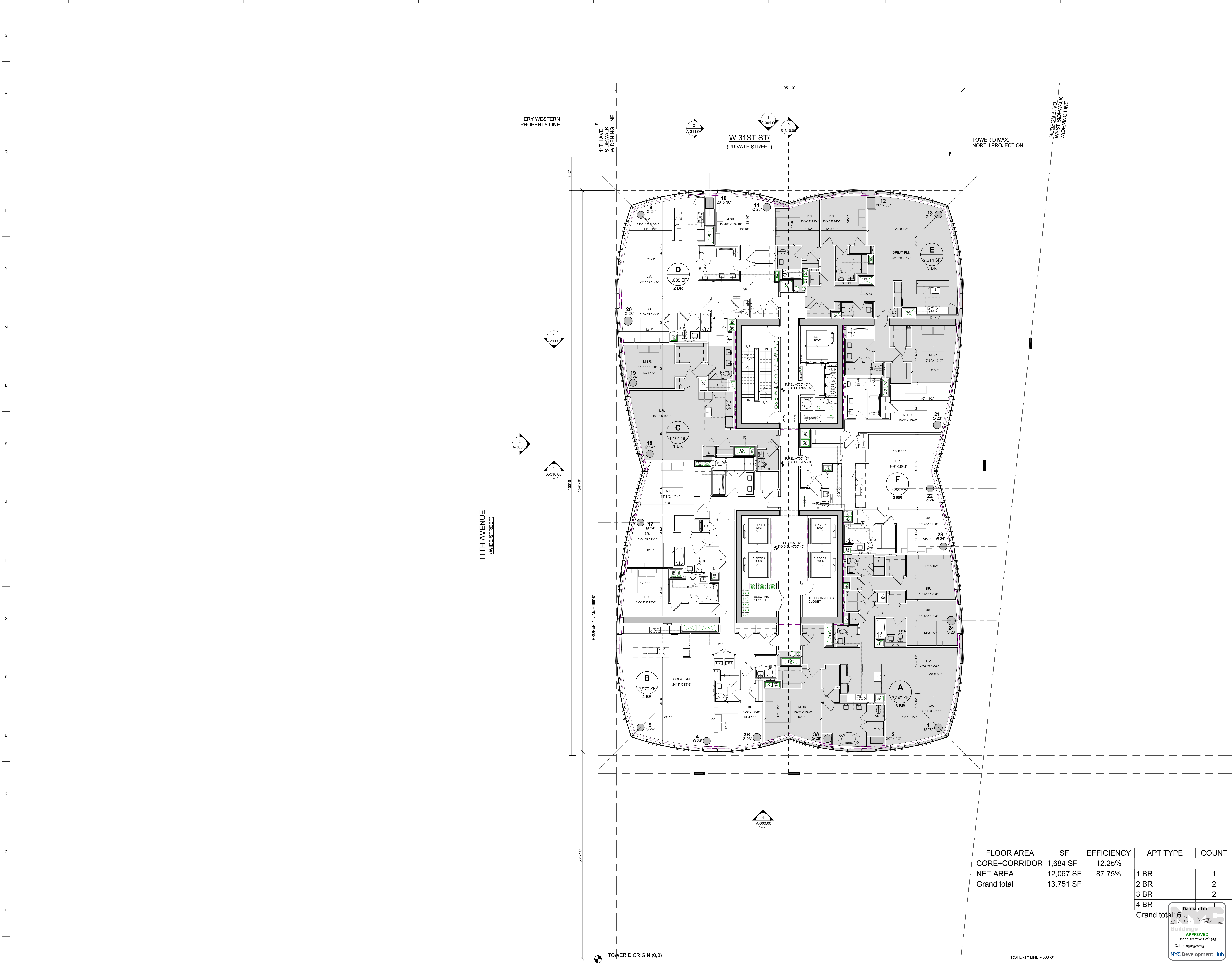
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**DRAWING SCALE**  
1/8" = 1'-0"

**PROJECT NUMBER**

**TITLE**  
55TH FLOOR PLAN / PANORAMA RESIDENCES

**DRAWING NO.**



FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,684 SF	12.25%		
NET AREA	12,067 SF	87.75%	1 BR	1
Grand total	13,751 SF		2 BR	2
			3 BR	2
			4 BR	
			Grand total:	6

APPROVED  
Under Directive 2 of 1975  
Date: 05/05/2015  
Damian Titus  
NYC Development Hub

**55TH FL - PANORAMA RESIDENCES**

**1**  
1/8" = 1'-0"



**15 HUDSON YARDS**  
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**EXECUTIVE ARCHITECT:**  
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New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
Janice Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Insel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

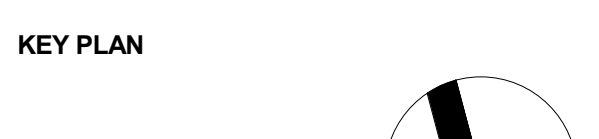
**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-259-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd White  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

TYPICAL PARTITIONS NOTES:

- REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
- ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
D2 1 @ RENTAL FLOORS (FLS 12-18)  
D2 2 @ COND. FLOORS (FLOORS 19 AND LP)  
C2 1 OR C2 2 AT CHASE WALLS
- ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
D2 1 BETWEEN RENTAL APTS  
D2 2 BETWEEN COND. APTS  
C2 1 AT CHASES BETW RENTAL APTS  
C2 2 AT CHASES BETW COND. APTS
- SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
- SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
D2 1 BETWEEN RENTAL APTS  
D2 2 BETWEEN COND. APTS  
C2 1 AT CHASES BETW RENTAL APTS  
C2 2 AT CHASES BETW COND. APTS



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/26/2015 8:33:31 PM

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

**PROJECT NUMBER:**

**TITLE:**  
56TH FLOOR PLAN / PANORAMA RESIDENCES

**DRAWING NO.:**

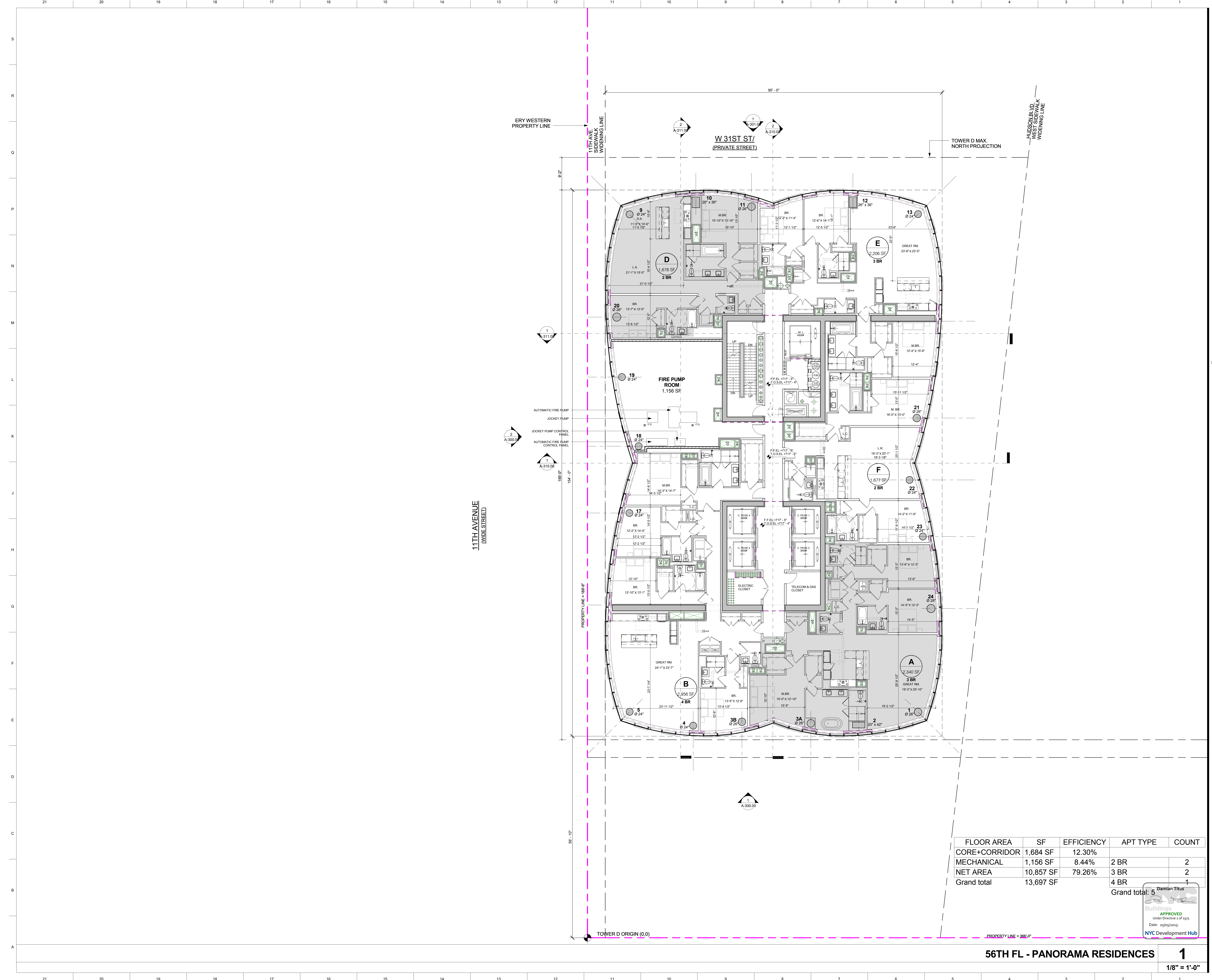
FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,684 SF	12.30%		
MECHANICAL	1,156 SF	8.44%	2 BR	2
NET AREA	10,857 SF	79.26%	3 BR	2
Grand total	13,697 SF		4 BR	4

Grand total: 5  
Damian Trus  
Bullidomus  
APPROVED  
Under Directive 2 of 1975  
Date: 05/25/2015  
NYC Development Hub

**56TH FL - PANORAMA RESIDENCES**

**1**

1/8" = 1'-0"



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Janet Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
Janus Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Insel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-259-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd White  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
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FINAL SD ISSUE	11.25.2013
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FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**KEY PLAN**

**ISSUE SET**

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E.W. BID SET ADDENDUM 1	03.05.2014
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SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

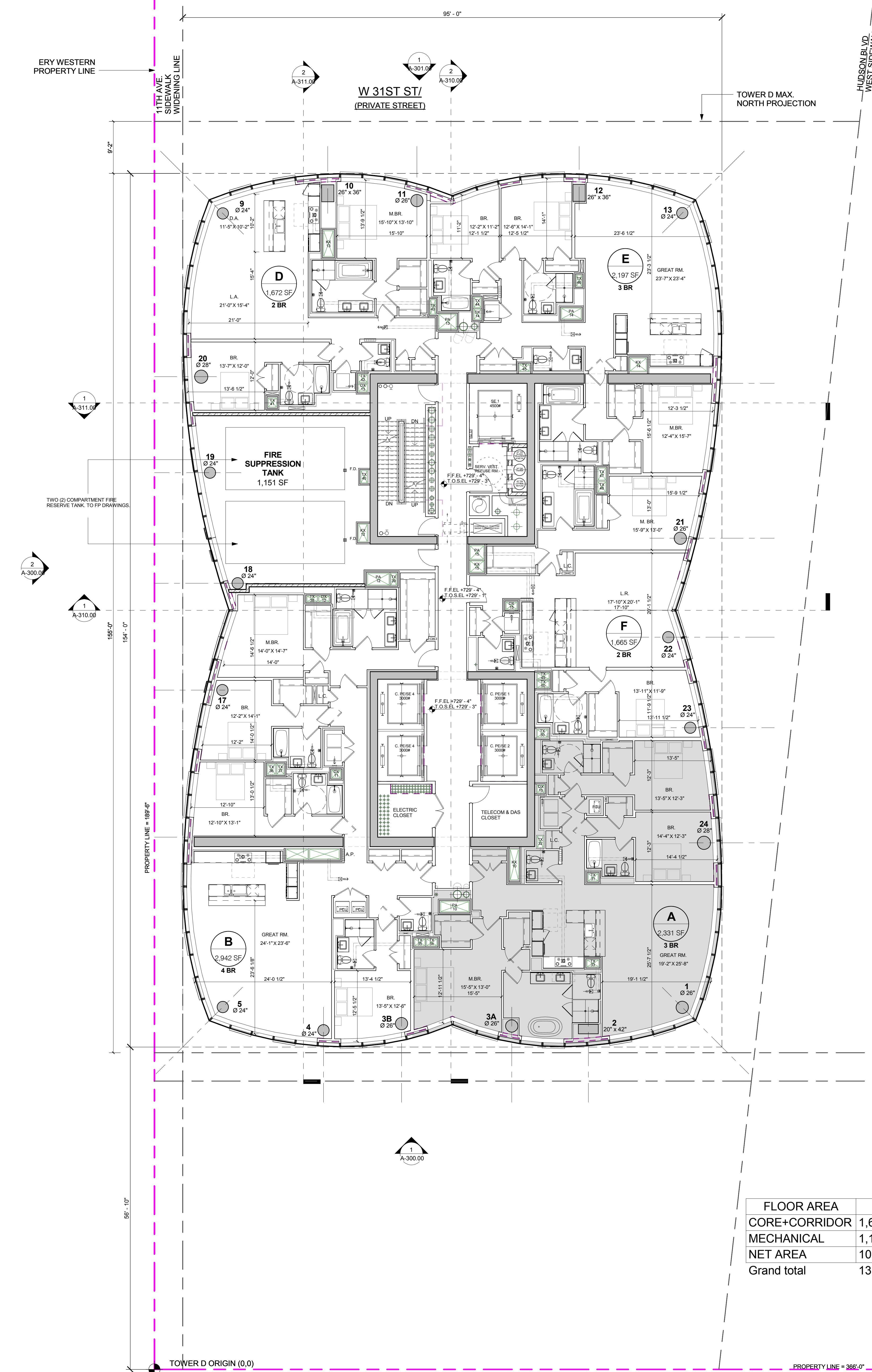
**DATE OF PRINT**  
1/20/2015 8:33:46 PM

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

**PROJECT NUMBER**

**TITLE**  
57TH FLOOR PLAN / PANORAMA RESIDENCES

**DRAWING NO.**  
A-257.00



FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,684 SF	12.35%		
MECHANICAL	1,151 SF	8.43%	2 BR	2
NET AREA	10,807 SF	79.22%	3 BR	2
Grand total	13,641 SF		4 BR	1

Grand total: 5

Damian Titus  
Date: 05/25/2015  
NYC Development Hub

**57TH FL - PANORAMA RESIDENCES**

**1**

1/8" = 1'-0"

**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 90 Columbus Circle  
 New York, NY 10023  
 T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
 Jansal Loya Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.290.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.269.7971

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinik  
 228 E 45th Street  
 New York, NY 10017  
 T: 212.697.6988

**MEP ENGINEER:**  
 James Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
 Israel Berger & Associates  
 300 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

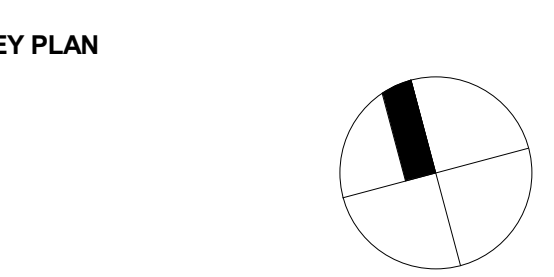
**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Viridian  
 300 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAMI & ASSOCIATES INC.  
 404 9th Ave. #8  
 New York, NY 10018  
 T: 212-269-1776

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 920  
 New York, NY 10003  
 T: 212-269-2270

- SHEET NOTES:**
- TYPICAL PARTITIONS NOTES:  
 1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.  
 2. ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.):  
 C2.1 AT CHASSES BETWEEN APTS  
 C2.2 AT CHASSES BETWEEN APTS  
 C2.3 AT CHASSES BETWEEN CONDO APTS  
 3. ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.):  
 D2.1 BETWEEN RENTAL APTS  
 D2.2 AT CHASSES BETWEEN RENTAL APTS  
 D2.3 AT CHASSES BETWEEN CONDO APTS  
 4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE HC2 OR HC3 AS INDICATED ON PLANS.  
 5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED SOLID SHAF T WALLS OF TYPE 1 U.O.N.  
 6. FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ED1 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER ED1 OR ED2 TYP.



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



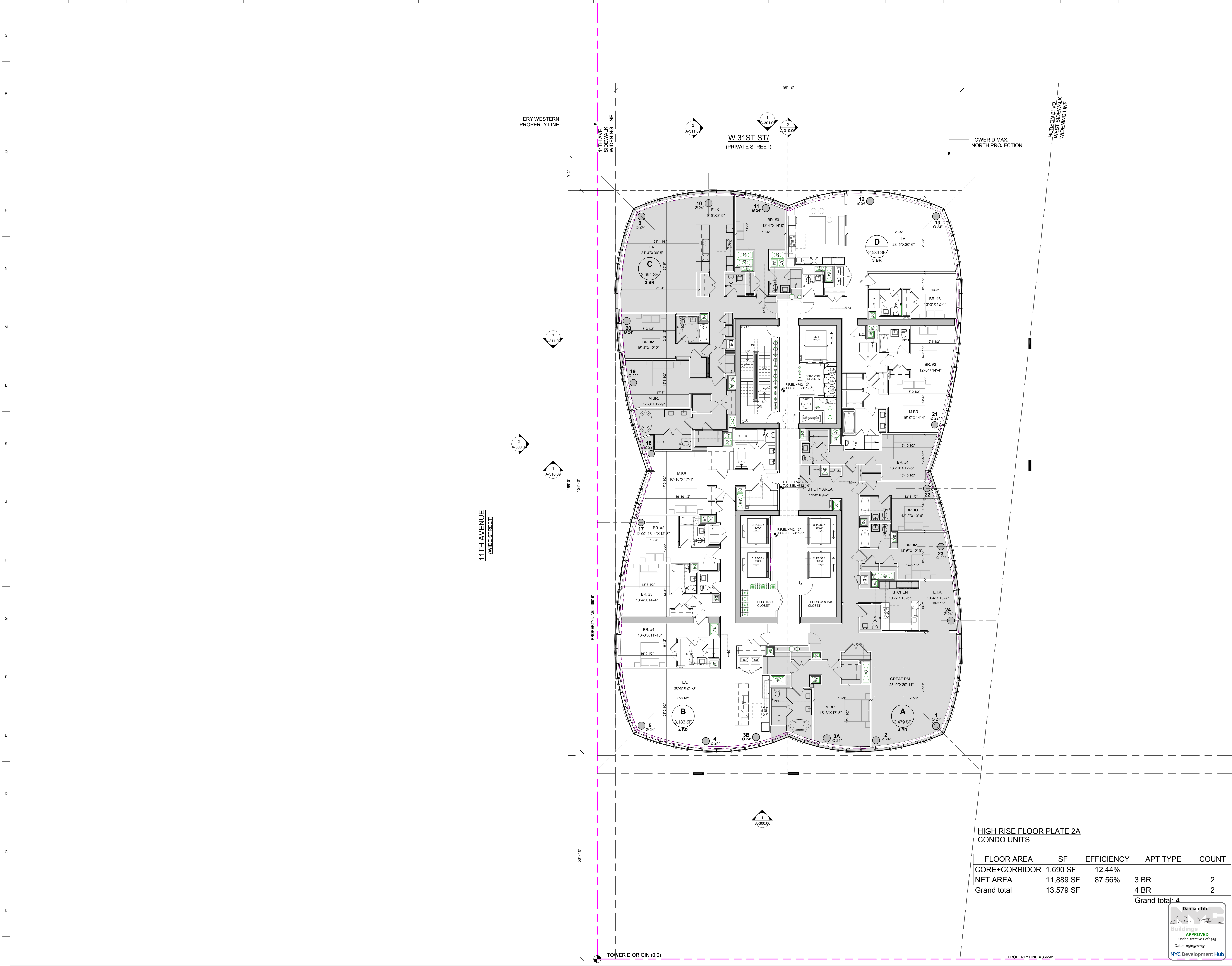
**DATE OF PRINT:**  
 1/20/2015 8:34:00 PM

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

**PROJECT NUMBER:**

**TITLE:**  
 58TH FLOOR PLAN / LOWER PENTHOUSES

**DRAWING NO.:**



**HIGH RISE FLOOR PLATE 2A  
 CONDO UNITS**

FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,690 SF	12.44%		
NET AREA	11,889 SF	87.56%	3 BR	2
Grand total	13,579 SF		4 BR	2

Grand total: 4



**58TH FL - LOWER PENTHOUSES**

**1**  
 1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Januel Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
Janus Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

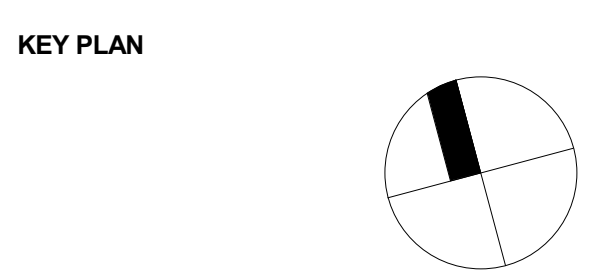
**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-297-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wootz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

TYPICAL PARTITIONS NOTES:

- REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS & ALL PARTITIONS INDICATED ON THE PLANS.
- ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: C2 @ RENTAL FLOORS (FLS 12-18) C2 @ CONDO FLOORS (FLOORS 19 AND UP) C21 OR C2 2 AT CHASE WALLS
- ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: C2-1 BETWEEN RENTAL APPTS C2-2 BETWEEN CONDO APPTS C2-1 AT CHASES BETW RENTAL APPTS C2-2 AT CHASES BETW CONDO APPTS
- SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
- SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: C2-1 AT CHASES BETW RENTAL APPTS C2-2 AT CHASES BETW CONDO APPTS
- FURNISH AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE 501 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER 501 OR C202 TYP.



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/20/2015 8:34:10 PM

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

**PROJECT NUMBER:**

**TITLE:**  
63RD FLOOR PLAN / LOWER PENTHOUSES

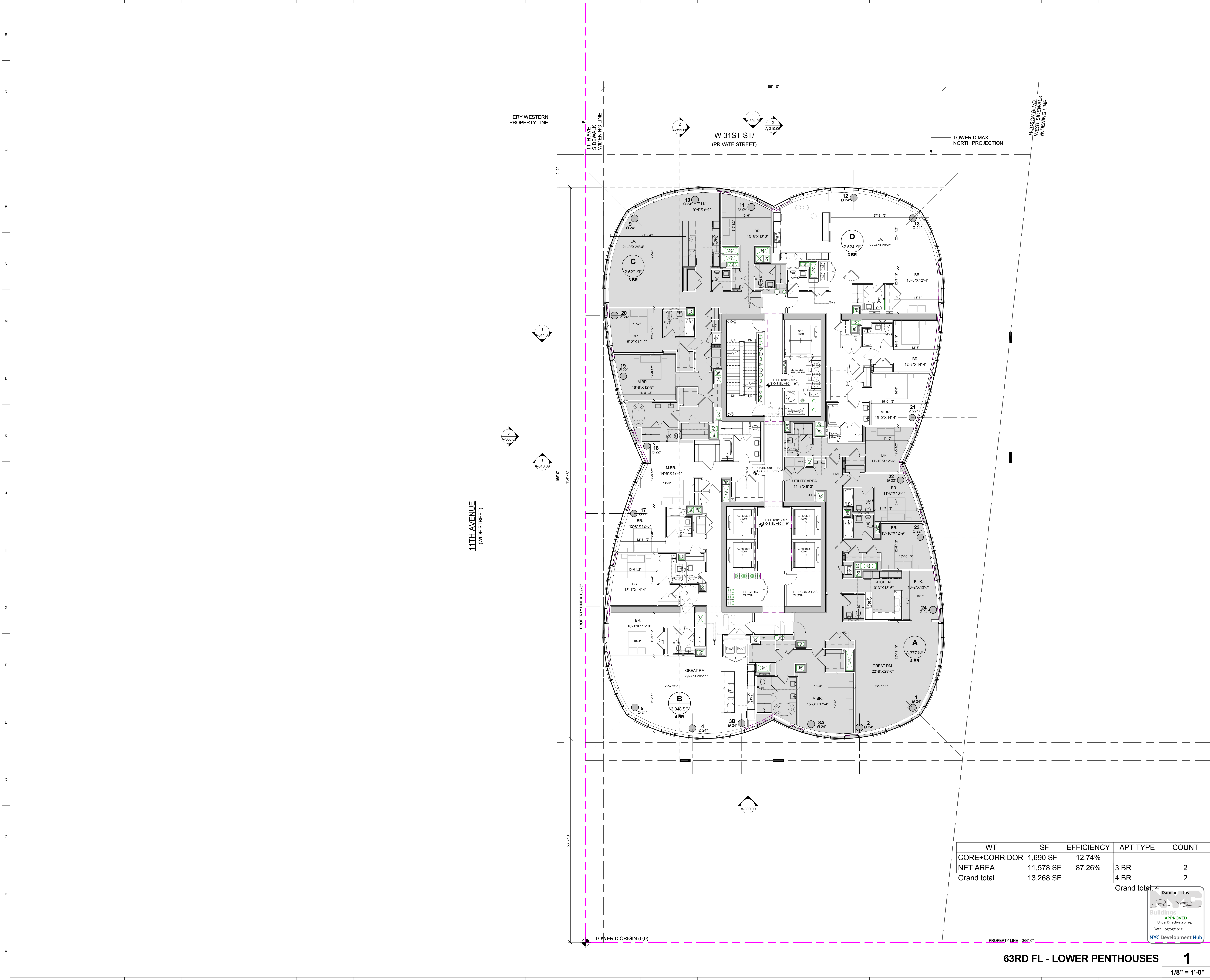
**DRAWING NO.:**

WT	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,690 SF	12.74%	3 BR	2
NET AREA	11,578 SF	87.26%	4 BR	2
Grand total	13,268 SF		Grand total: 4	



**63RD FL - LOWER PENTHOUSES**

**1**  
1/8" = 1'-0"



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York, 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York, 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
Janice Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

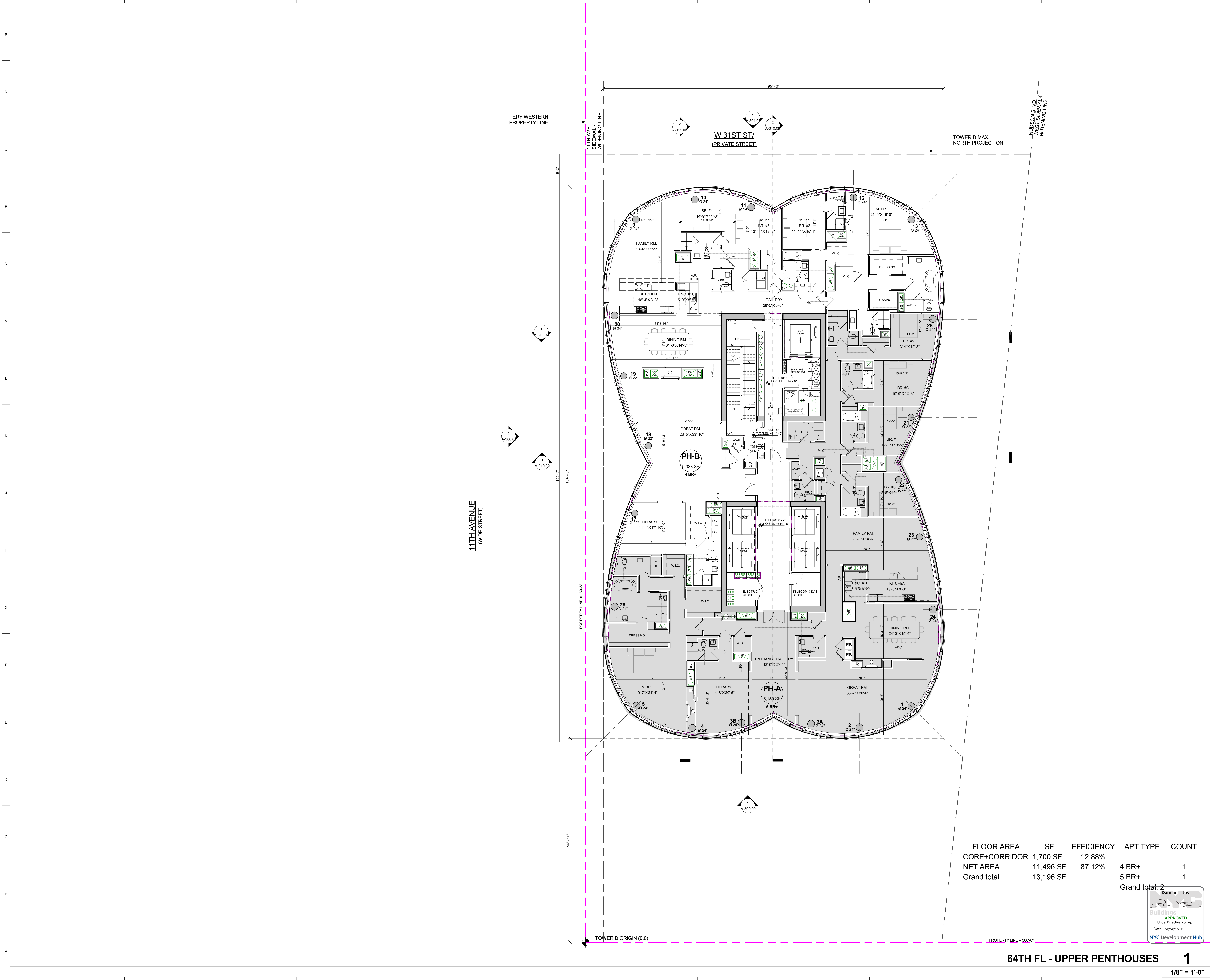
**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. #8  
New York, NY 10018  
T: 212-201-1776

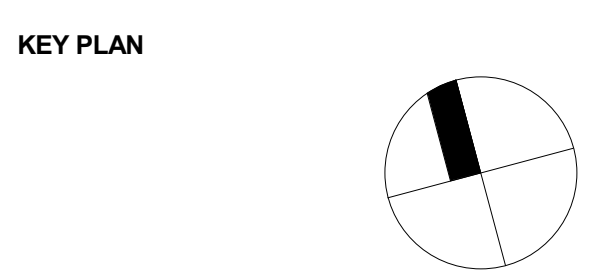
**LANDSCAPE DESIGNER:**  
Nelson Byrd Wootz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270



**SHEET NOTES:**

TYPICAL PARTITIONS NOTES:

1. REFER TO A-10, 01, 02 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
2. ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.):  
 UO 1 - 1/2" Gypsum Board (FLOORS 18 AND UP)  
 UO 2 - 5/8" CONDO FLOORS (FLOORS 19 AND UP)  
 UO 3 - 2" AT CHASES BETW APPTS  
 UO 3.2 AT CHASES BETW CONDO APTS
3. ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.):  
 UO 1 - BETWEEN RENTAL APTS  
 UO 2 - AT CHASES BETW RENTAL APTS  
 UO 3.2 AT CHASES BETW RENTAL APTS  
 UO 3.2 AT CHASES BETW CONDO APTS
4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE HC2 OR HC3 AS INDICATED ON PLANS.
5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED GARD SHAF WALLS OF TYPE H2 1 U.O.N.
6. FLOORING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ED1 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER ED1 OR ED2 TYP.



**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
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EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,700 SF	12.88%		
NET AREA	11,496 SF	87.12%	4 BR+	1
Grand total	13,196 SF		5 BR+	1

Grand total: 2



**64TH FL - UPPER PENTHOUSES**

**1**

1/8" = 1'-0"

**DATE OF PRINT:**  
1/20/2015 8:34:19 PM

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

**PROJECT NUMBER:**

**TITLE:**  
64TH FLOOR PLAN / UPPER PENTHOUSES

**DRAWING NO.:**  
**A-264.00**

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Janaki Laya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Hesslberger & Associates  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Vridan  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

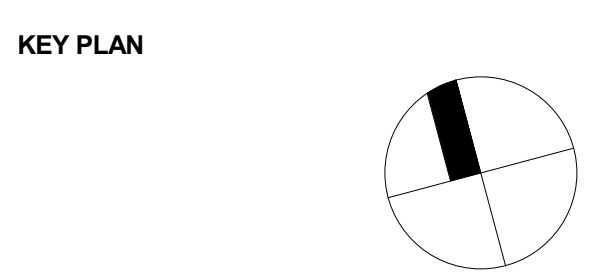
**ACOUSTICAL CONSULTANTS:**  
CERAMI & ASSOCIATES INC.  
404 8th Ave. 8B  
New York, NY 10018  
T: 212-693-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd White  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

TYPICAL PARTITIONS NOTES:

1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
2. ALL DEMING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2 1 @ RENTAL FLOORS (FLS 12-18)  
C2 2 @ COND. FLOORS (FLOORS 19 AND UP)  
C2 1 OR C2 2 AT CHASE WALLS
3. ALL DEMING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2 1 BETWEEN RENTAL APPTS  
C2 2 BETWEEN COND. APPTS  
C2 1 AT CHASES BETW RENTAL APPTS  
C2 2 AT CHASES BETW COND. APPTS
4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2.2 OR H2.3 AS INDICATED ON PLANS.
5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR RATED SOLID SHAFT WALLS OF TYPE H2.1 U.O.N.
6. FURNISH AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ES1 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER ES2 OR ES3 TYP.



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/20/2015 8:34:28 PM

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

**PROJECT NUMBER:**

**TITLE:**  
66TH FLOOR PLAN / UPPER PENTHOUSES

**DRAWING NO.:**

FLOOR AREA	SF	EFFICIENCY	APT TYPE	COUNT
CORE+CORRIDOR	1,700 SF	13.04%		
NET AREA	11,332 SF	86.96%	4 BR+	1
Grand total	13,032 SF		5 BR+	1

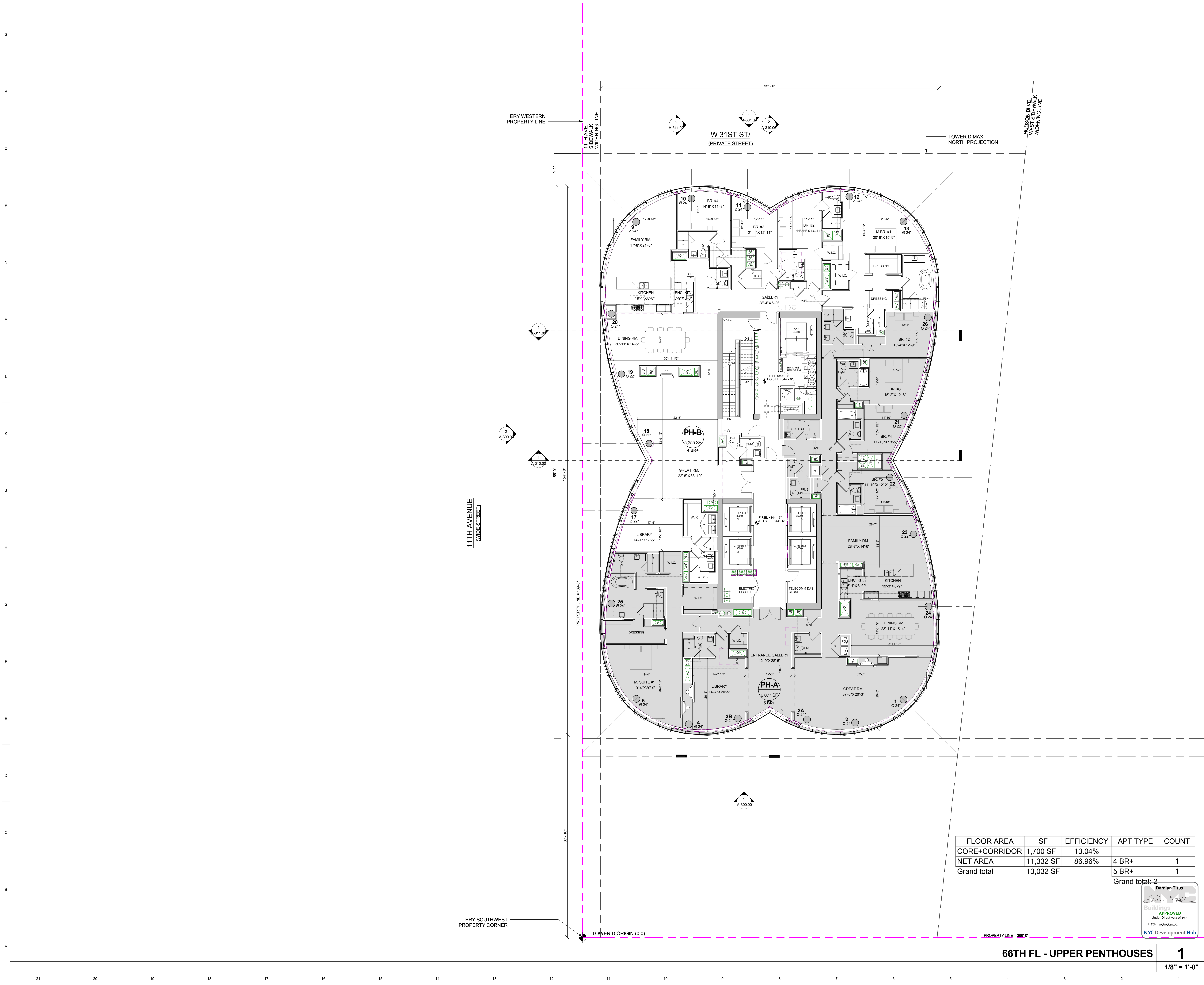
Grand total: 2



**66TH FL - UPPER PENTHOUSES**

**1**

1/8" = 1'-0"



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Immael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9888

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.670-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

- SHEET NOTES:**
- TYPICAL PARTITIONS NOTES:**
1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
  2. ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: UO2 1 @ RENTAL FLOORS (F.L. 2 - 18); UO2 @ CONDO FLOORS (FLOORS 19 AND UP); C2 1 OR C2 2 AT CHASE WALLS.
  3. ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: C2 1 BETWEEN RENTAL APPTS; C2 2 BETWEEN CONDO APPTS; C2 1 AT CHASES SET W/ RENTAL APPTS; C2 2 AT CHASES SET W/ CONDO APPTS.
  4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE H2 2 OR H2 3 AS INDICATED ON PLANS.
  5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.: C2 1 AT CHASES SET W/ RENTAL APPTS; C2 2 AT CHASES SET W/ CONDO APPTS.
  6. FINISHING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE EQ. TYP. AND INBOARD PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER EQ. OR EQ.2 TYP.

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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EXTERIOR WALL 75% DD	09.25.2013
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SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

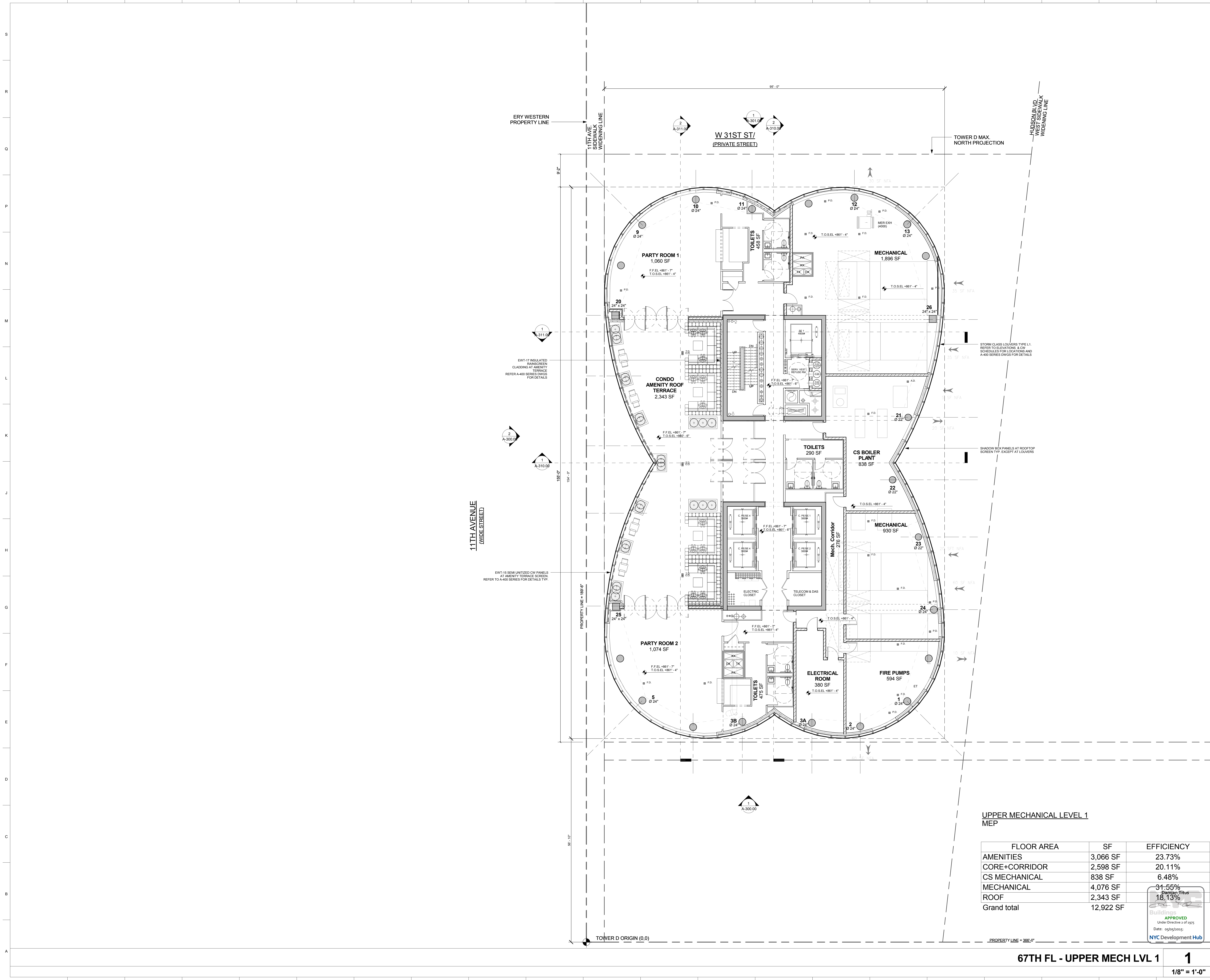
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**PROJECT NUMBER**

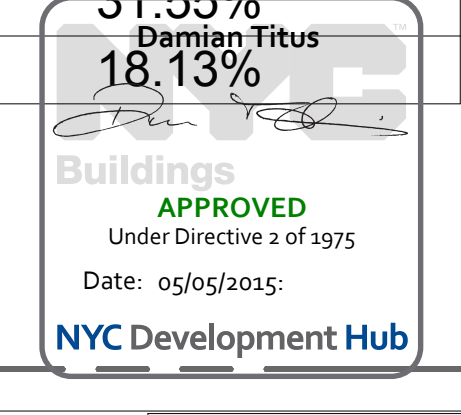
**TITLE**  
67TH FL / UPPER MECHANICAL  
LEVEL 1

**DRAWING NO.**



**UPPER MECHANICAL LEVEL 1  
MEP**

FLOOR AREA	SF	EFFICIENCY
AMENITIES	3,066 SF	23.73%
CORE+CORRIDOR	2,598 SF	20.11%
CS MECHANICAL	838 SF	6.48%
MECHANICAL	4,076 SF	31.55%
ROOF	2,343 SF	18.13%
Grand total	12,922 SF	



**67TH FL - UPPER MECH LVL 1**

**1**  
1/8" = 1'-0"

**A-267.00**

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.269.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
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T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
350 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-359-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
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**DATE OF PRINT:**  
1/20/2015 8:34:43 PM

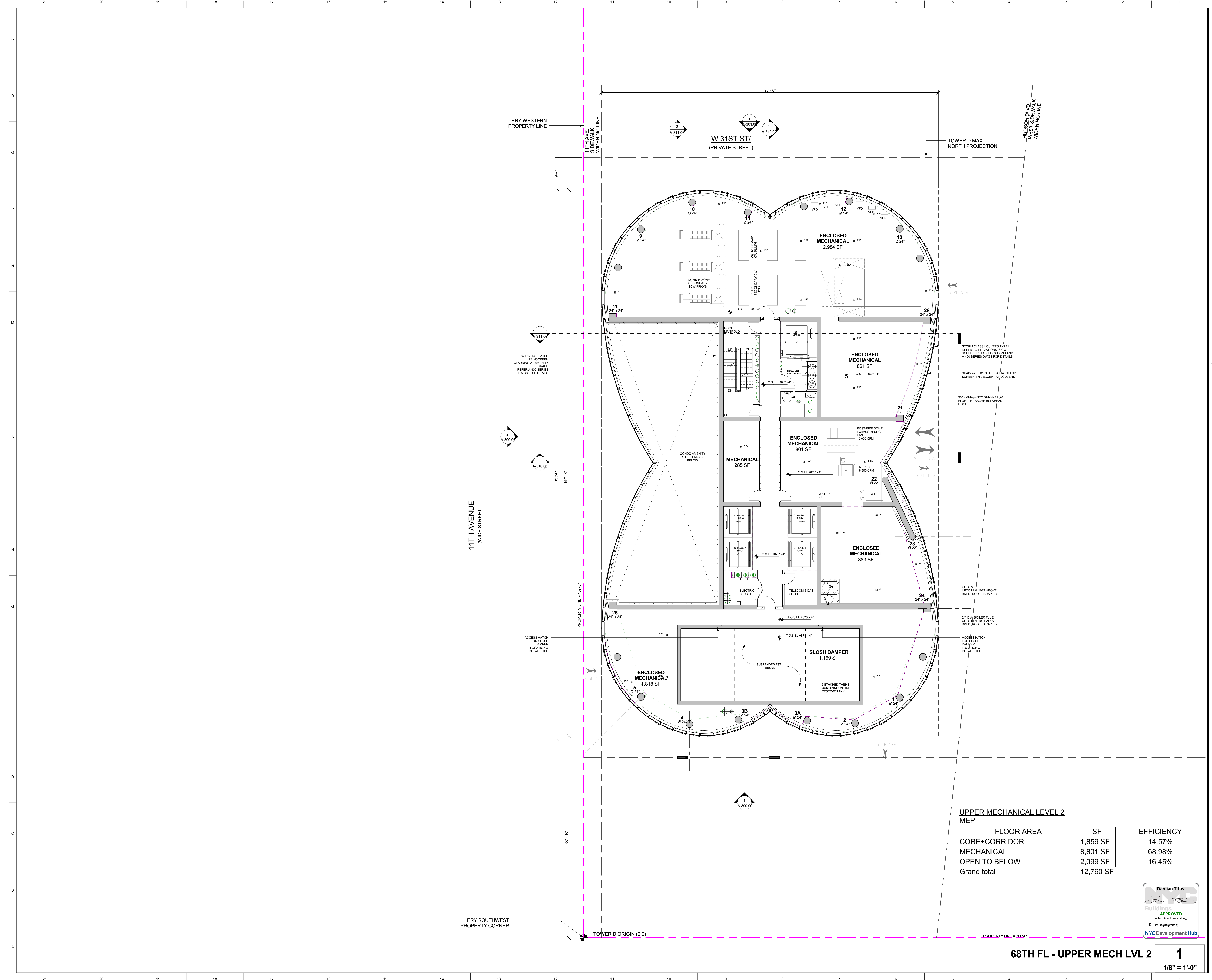
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1/8" = 1'-0"

**PROJECT NUMBER:**

**TITLE:**  
68TH FL / UPPER MECHANICAL LEVEL 2

**DRAWING NO.:**

**A-268.00**



**UPPER MECHANICAL LEVEL 2  
MEP**

FLOOR AREA	SF	EFFICIENCY
CORE+CORRIDOR	1,859 SF	14.57%
MECHANICAL	8,801 SF	68.98%
OPEN TO BELOW	2,099 SF	16.45%
<b>Grand total</b>	<b>12,760 SF</b>	



**68TH FL - UPPER MECH LVL 2**

**1**

1/8" = 1'-0"



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Loy Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7071

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463.0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9888

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530.9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689.5398

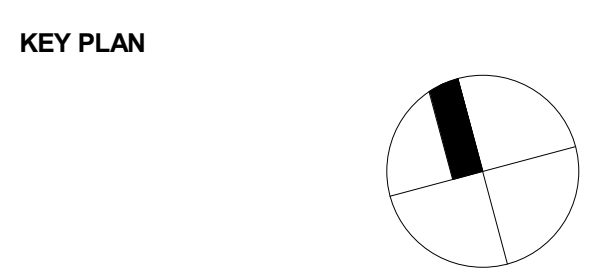
**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973.994.9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203.299.1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.701.1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260.2270

**SHEET NOTES:**  
TYPICAL PARTITIONS NOTES:  
1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.  
2. ALL DIMENSING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2" FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2.1 AT CHASES BETWEEN APARTS  
C2.2 @ CONDO FLOORS (FLOORS 19 AND UP)  
C2.3 AT CHASES BETWEEN WALLS  
3. ALL DIMENSING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.O.N.:  
C2.1 BETWEEN RENTAL APTS  
C2.2 AT CHASES BETWEEN RENTAL APTS  
C2.3 AT CHASES BETWEEN RENTAL APTS  
C2.3 AT CHASES BETWEEN CONDO APTS  
4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE IFC 2 OR IFC 3 AS INDICATED ON PLANS.  
5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED SAO. SHAFT WALLS OF TYPE IFC 1 U.O.N.  
6. FINISHING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ED 1 TYP AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER ED 1 OR ED 2 TYP.



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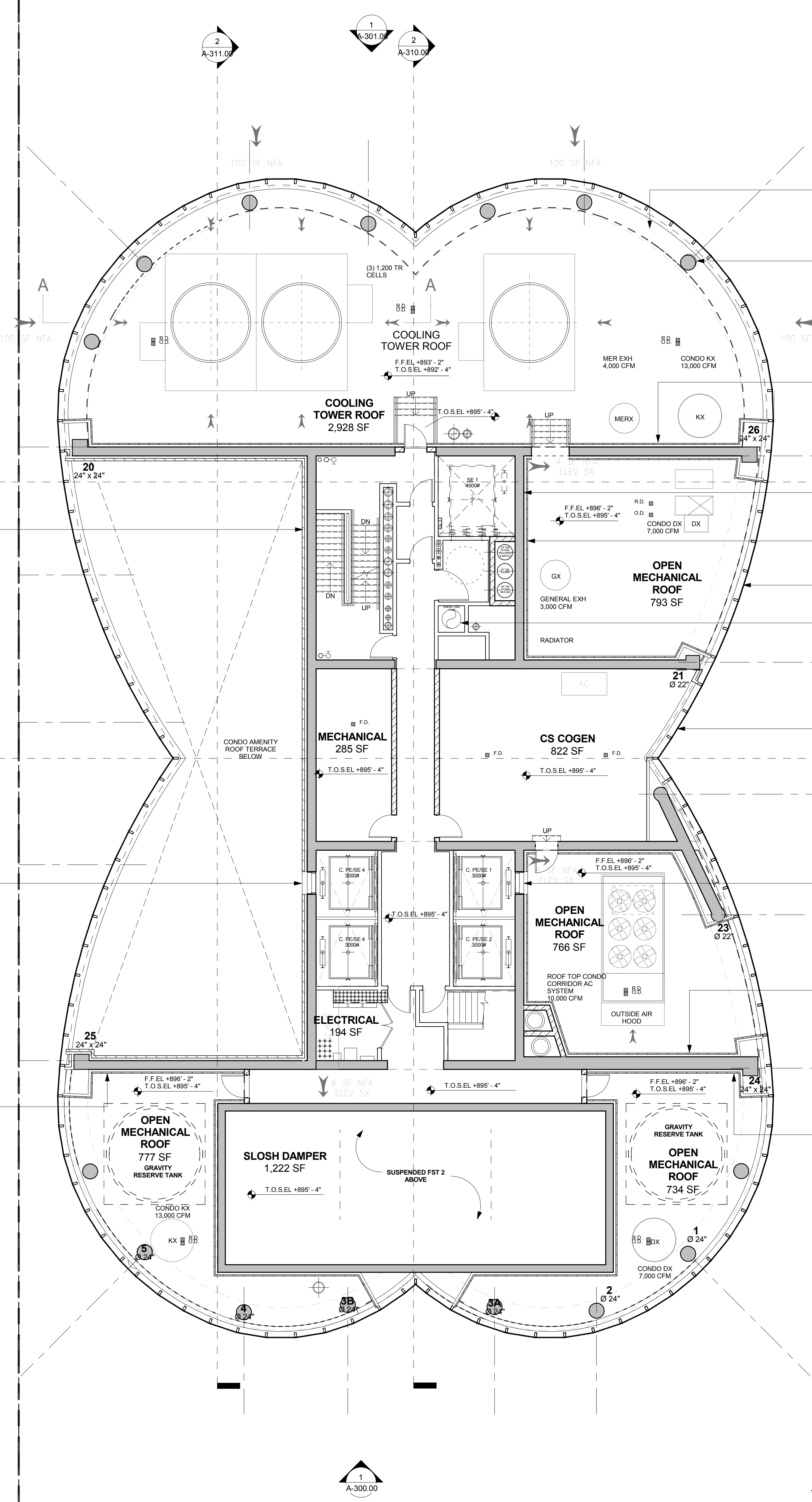
**DATE OF PRINT**  
4/21/2015 2:51:44 AM

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

**PROJECT NUMBER**

**TITLE**  
69TH FL / UPPER MECHANICAL  
LEVEL 3

**DRAWING NO.**



**UPPER MECHANICAL LEVEL 3  
MEP**

FLOOR AREA	SF	EFFICIENCY
CORE+CORRIDOR	1,990 SF	15.82%
MECHANICAL	2,523 SF	20.06%
OPEN TO BELOW ROOF	2,067 SF	16.43%
<b>Grand total</b>	<b>5,998 SF</b>	<b>47.69%</b>



**69TH FL - UPPER MECH LVL 3**

**1**  
1/8" = 1'-0"

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7071

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
VSP Cantor Seimik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Lansdown, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-690-2270

- SHEET NOTES:**
- 1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
  - 2. ALL DIMENSING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.C.N. 02.1 BETWEEN RENTAL APTS. U.C.N. 02.2 CONDO FLOORS (FLOORS 19 AND UP) U.C.N. 02.3 AT CHASIS BETWEEN RENTAL APTS U.C.N. 02.3 AT CHASIS BETWEEN CONDO APTS.
  - 3. ALL DIMENSING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS U.C.N. 02.1 BETWEEN RENTAL APTS U.C.N. 02.2 AT CHASIS BETWEEN RENTAL APTS U.C.N. 02.3 AT CHASIS BETWEEN CONDO APTS.
  - 4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE HC.2 OR HC.3 AS INDICATED ON PLANS.
  - 5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED SO AS TO SHIELD WALLS OF TYPE HC.1 U.C.N.
  - 6. FINISHING AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ED 1 TYP AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER ED 1 OR ED 2 TYP.



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**DATE OF PRINT**  
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1/8" = 1'-0"

**PROJECT NUMBER**  
70TH FL / EMR FLOOR PLAN

**TITLE**  
70TH FL / EMR FLOOR PLAN



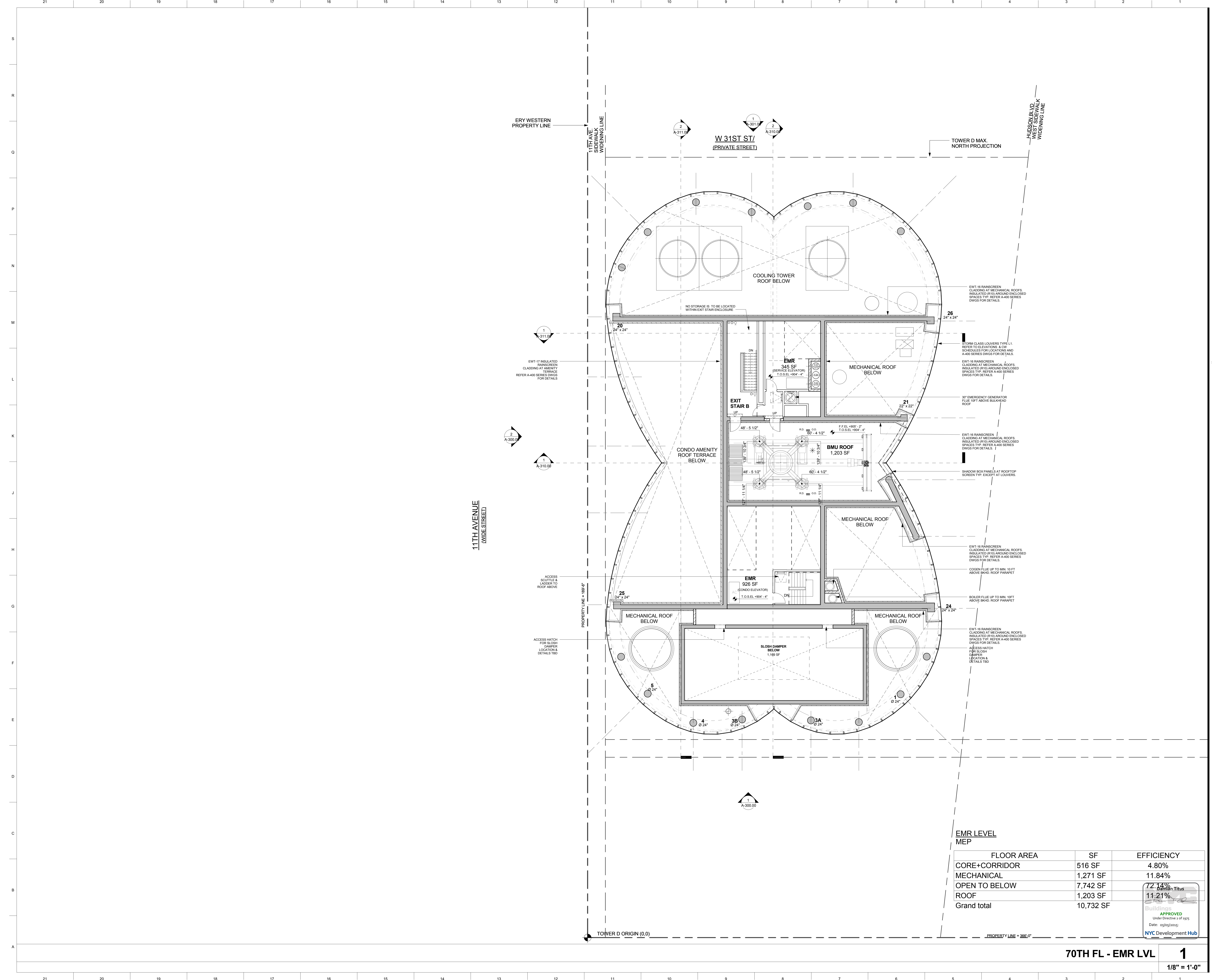
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**DRAWING SCALE**  
1/8" = 1'-0"

**PROJECT NUMBER**  
70TH FL / EMR FLOOR PLAN

**TITLE**  
70TH FL / EMR FLOOR PLAN

**DRAWING NO.**  
A-270.00



**EMR LEVEL**  
MEP

FLOOR AREA	SF	EFFICIENCY
CORE+CORRIDOR	516 SF	4.80%
MECHANICAL	1,271 SF	11.84%
OPEN TO BELOW	7,742 SF	
ROOF	1,203 SF	
Grand total	10,732 SF	

72.14%  
11.21%  
Daniel Titus  
11211  
APPROVED  
Under Directive 2 of 1975  
Date: 05/05/2015  
NYC Development Hub

**70TH FL - EMR LVL**

**1**

**1/8" = 1'-0"**

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
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**EXECUTIVE ARCHITECT:**  
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**DESIGNER:**  
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**DESIGNER:**  
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**STRUCTURAL ENGINEER:**  
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**MEP ENGINEER:**  
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**ACOUSTICAL CONSULTANTS:**  
CERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-201-1776

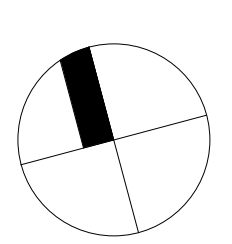
**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
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**SHEET NOTES:**

TYPICAL PARTITIONS NOTES:


1. REFER TO A-010, 011, 012 FOR PARTITION ASSEMBLY DETAILS OF ALL PARTITIONS INDICATED ON THE PLANS.
2. ALL DEMISING PARTITIONS BETWEEN APARTMENTS AND CORRIDORS SHALL BE MIN. 2 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.):  
 UO 1: 2 @ CONDO FLOORS (FLOORS 19 AND UP)  
 UO 2: 2 @ CHASE WALLS  
 UO 3: 2 @ CHASE WALLS
3. ALL DEMISING PARTITIONS BETWEEN APARTMENTS SHALL BE MIN. 1 HR FIRE RATED. TYPICAL PARTITION TYPES TO BE AS FOLLOWS (U.O.N.):  
 UO 1: BETWEEN RENTAL APTS  
 UO 2: AT CHASES BETWEEN RENTAL APTS  
 UO 3: AT CHASES BETWEEN CONDO APTS
4. SHAFT WALLS AT STAIR AND ELEVATOR SHAFTS SHALL BE MIN. 2 HR FIRE RATED AND TO BE TYPE HC2 OR HC3 AS INDICATED ON PLANS.
5. SHAFT WALLS AROUND MECHANICAL DUCTS AND RISERS SHALL BE MIN. 2 HR RATED SOLID SHAFT WALLS OF TYPE H2 1 U.O.N.
6. FURNISH AT EXTERIOR WALL ASSEMBLIES INCLUDING CURTAIN WALL SHALL BE ED1 TYP. AND AROUND PERIMETER COLUMNS AND STRUCTURE OR HVAC UNITS SHALL BE EITHER ED1 OR ED2 TYP.

**KEY PLAN**



ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
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E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**



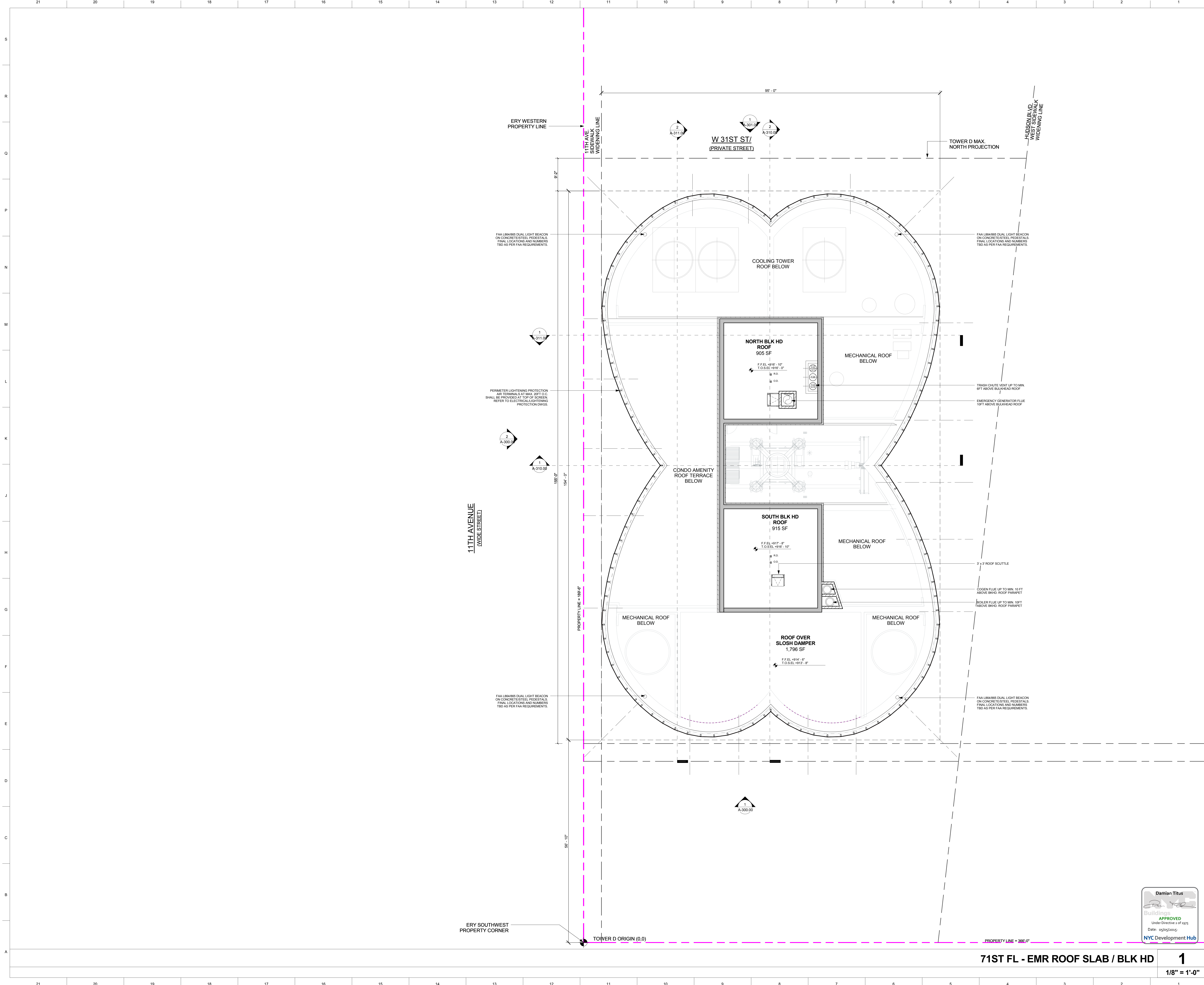
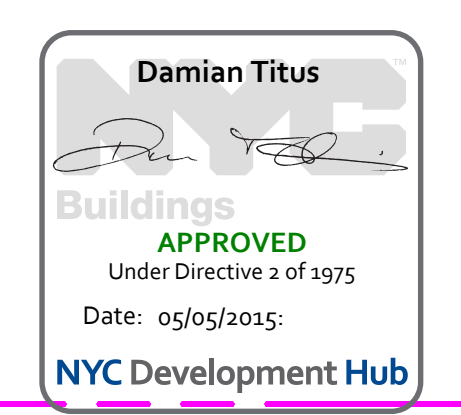
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1/20/2015 8:35:00 PM

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

**PROJECT NUMBER:**  
71ST FL / BULKHEAD ROOF PLAN

**TITLE:**  
71ST FL / BULKHEAD ROOF PLAN

**DRAWING NO.:**  
A-271.00



**71ST FL - EMR ROOF SLAB / BLK HD**

**1**

**1/8" = 1'-0"**

**OWNER:**  
Related Companies  
50 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Janaki Laya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.200.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Boles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Hessl Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
350 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
CERAMIC ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-259-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**

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SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
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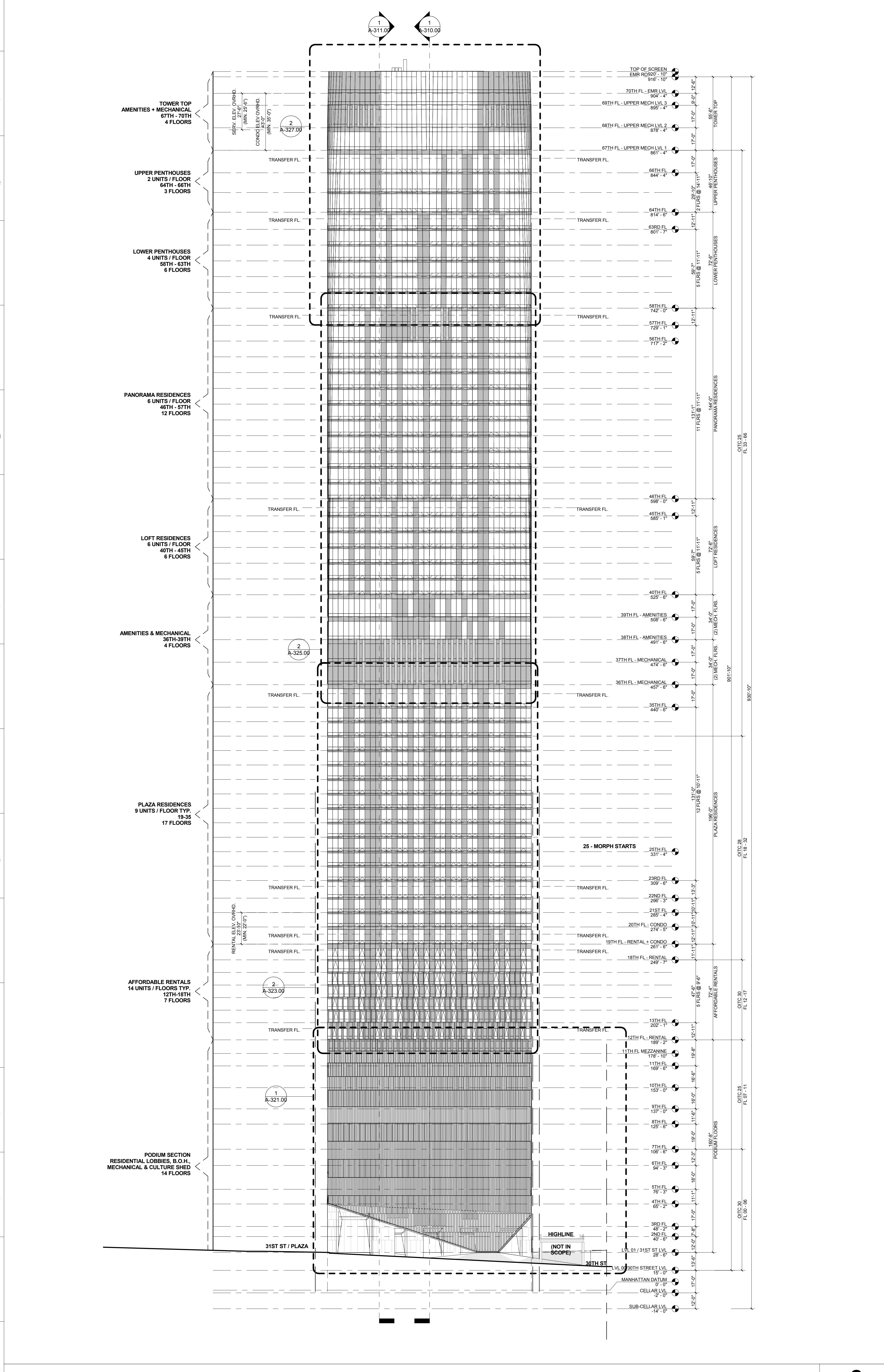
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**PROJECT NUMBER:**

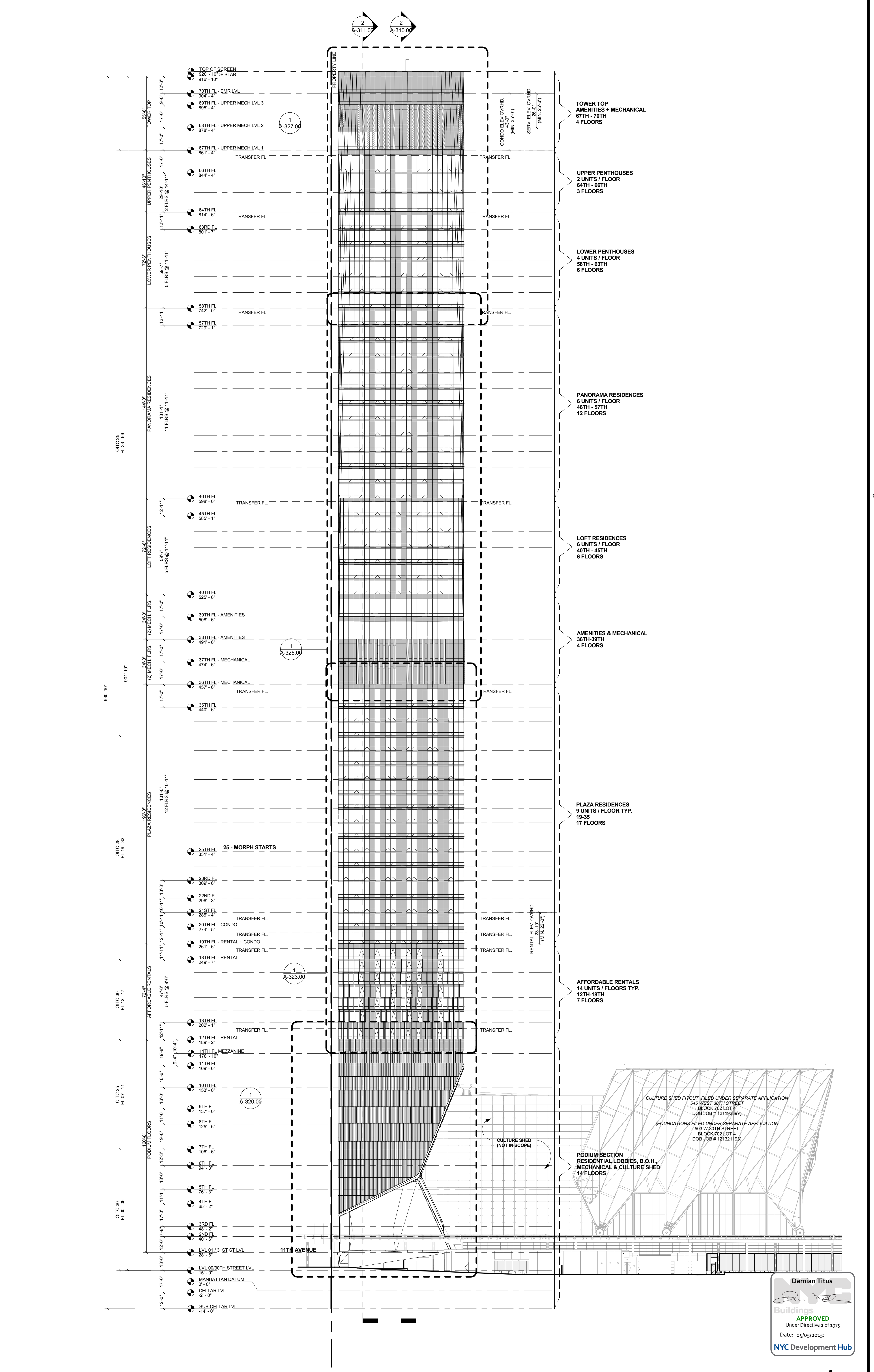
**TITLE:**  
BUILDING ELEVATIONS

**DRAWING NO.:**

**A-300.00**



**WEST ELEVATION 2**  
1/32" = 1'-0"



**SOUTH ELEVATION 1**  
1/32" = 1'-0"

**OWNER:**  
Related Companies  
50 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Janan Loya Architects  
48 West 37th Street  
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T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.200.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinman  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Hesslberger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
350 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
CERAMIC ASSOCIATES INC.  
404 9th Ave. 8B  
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T: 212-251-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

1. REFER TO SHEET A-300.00 FOR GENERAL NOTES AND SPECIFICATIONS.

2. REFER TO SHEET A-302.00 FOR GENERAL NOTES AND SPECIFICATIONS.

3. REFER TO SHEET A-303.00 FOR GENERAL NOTES AND SPECIFICATIONS.

4. REFER TO SHEET A-304.00 FOR GENERAL NOTES AND SPECIFICATIONS.

5. REFER TO SHEET A-305.00 FOR GENERAL NOTES AND SPECIFICATIONS.

6. REFER TO SHEET A-306.00 FOR GENERAL NOTES AND SPECIFICATIONS.

7. REFER TO SHEET A-307.00 FOR GENERAL NOTES AND SPECIFICATIONS.

8. REFER TO SHEET A-308.00 FOR GENERAL NOTES AND SPECIFICATIONS.

9. REFER TO SHEET A-309.00 FOR GENERAL NOTES AND SPECIFICATIONS.

10. REFER TO SHEET A-310.00 FOR GENERAL NOTES AND SPECIFICATIONS.

11. REFER TO SHEET A-311.00 FOR GENERAL NOTES AND SPECIFICATIONS.

12. REFER TO SHEET A-312.00 FOR GENERAL NOTES AND SPECIFICATIONS.

13. REFER TO SHEET A-313.00 FOR GENERAL NOTES AND SPECIFICATIONS.

14. REFER TO SHEET A-314.00 FOR GENERAL NOTES AND SPECIFICATIONS.

15. REFER TO SHEET A-315.00 FOR GENERAL NOTES AND SPECIFICATIONS.

16. REFER TO SHEET A-316.00 FOR GENERAL NOTES AND SPECIFICATIONS.

17. REFER TO SHEET A-317.00 FOR GENERAL NOTES AND SPECIFICATIONS.

18. REFER TO SHEET A-318.00 FOR GENERAL NOTES AND SPECIFICATIONS.

19. REFER TO SHEET A-319.00 FOR GENERAL NOTES AND SPECIFICATIONS.

20. REFER TO SHEET A-320.00 FOR GENERAL NOTES AND SPECIFICATIONS.

**KEY PLAN**



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DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

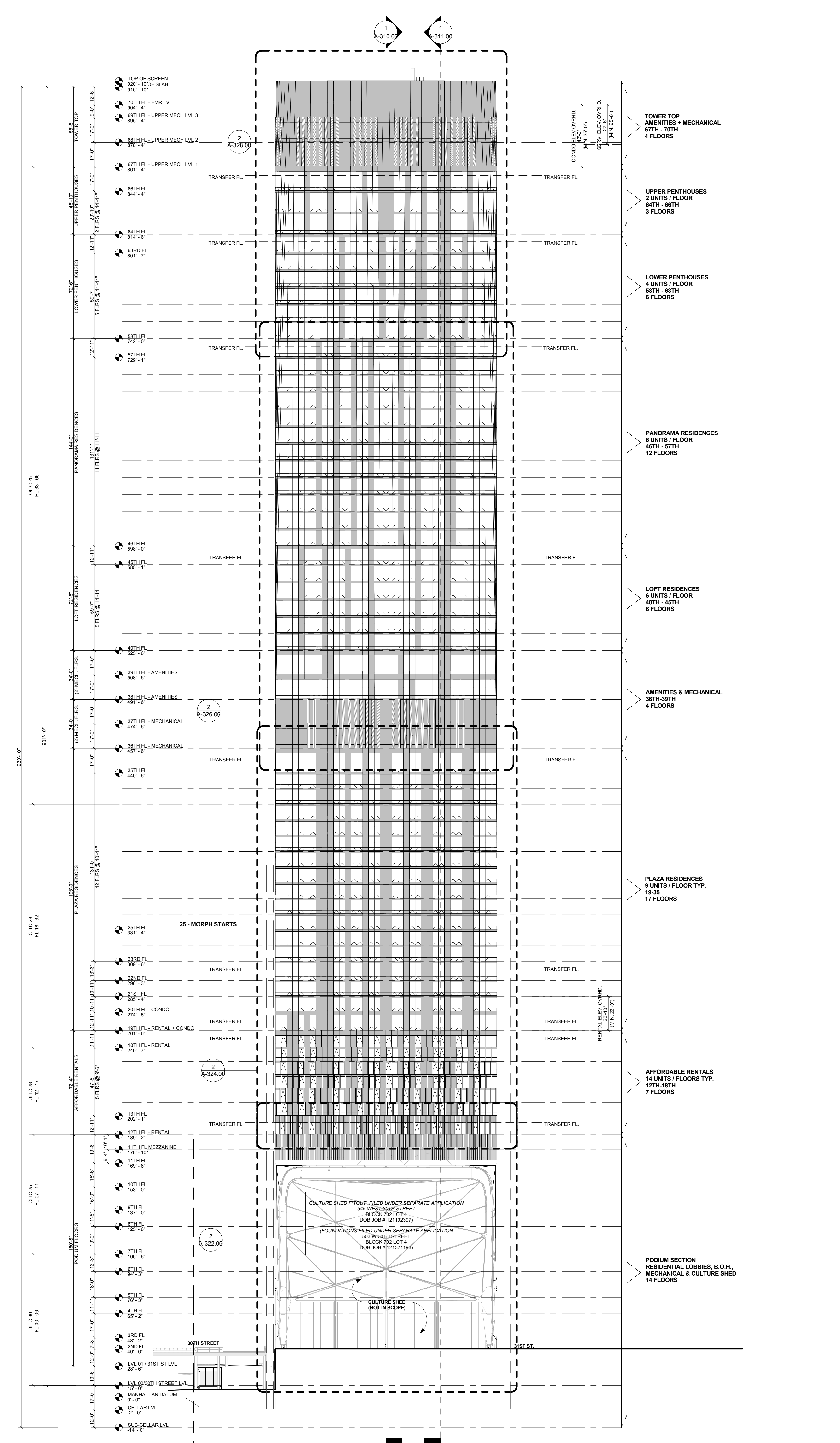
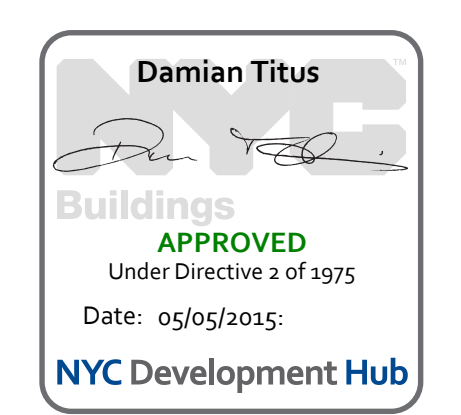
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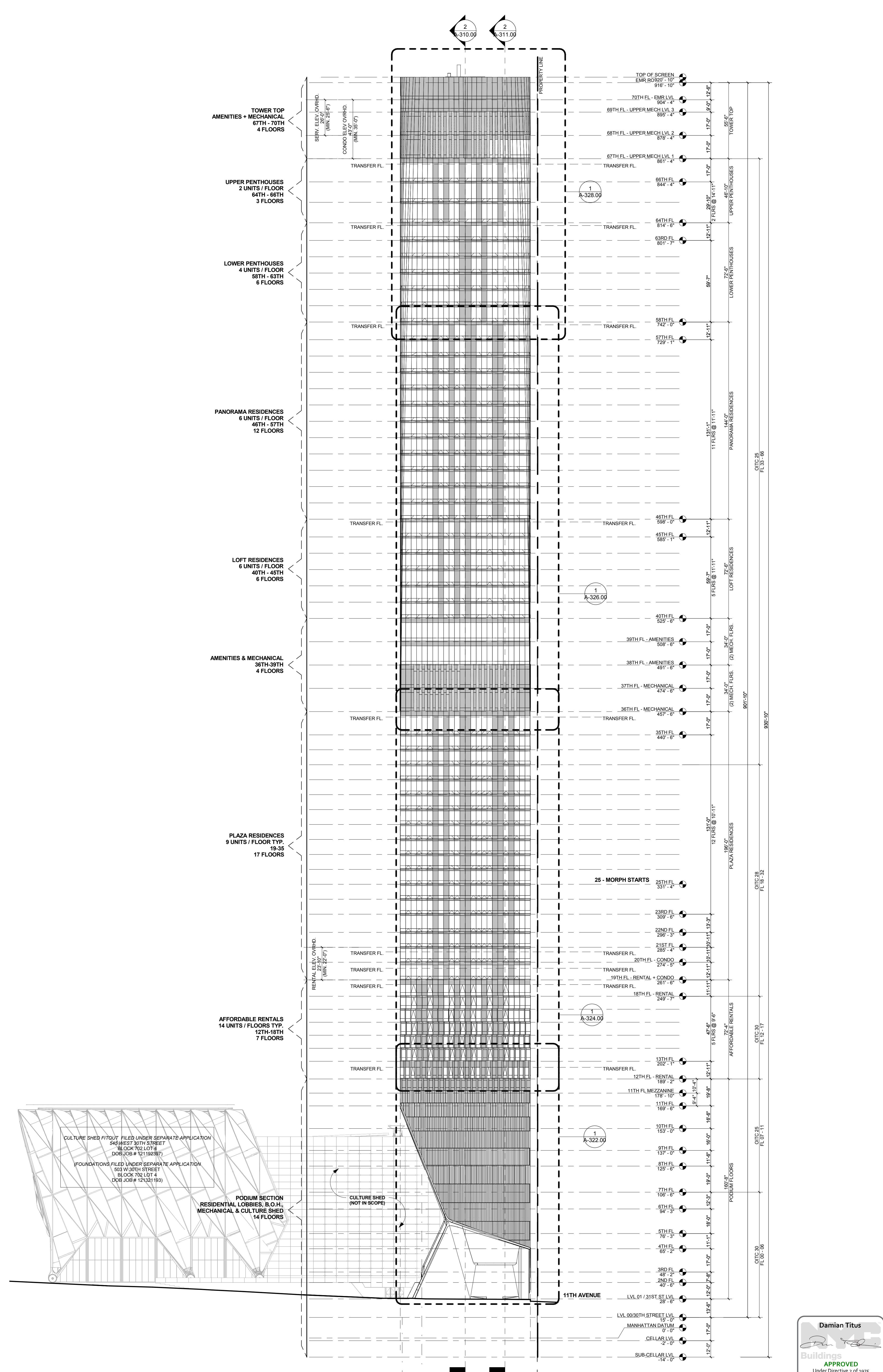
**PROJECT NUMBER:**

**TITLE:**  
BUILDING ELEVATIONS

**DRAWING NO.:**  
A-301.00



**EAST ELEVATION 2**  
1/32" = 1'-0"



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

OWNER:  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

EXECUTIVE ARCHITECT:  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

DESIGNER:  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

DESIGNER:  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

STRUCTURAL ENGINEER:  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9888

MEP ENGINEER:  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

EXTERIOR WALL CONSULTANT:  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

VERTICAL TRANSPORTATION:  
VDA  
5 Regent Street, Suite 524  
Lansdowne, NJ 07039  
T: 973-994-9220

LEED CONSULTANT:  
Whitman  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

ACOUSTICAL CONSULTANTS:  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.701-1776

LANDSCAPE DESIGNER:  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.690-2270

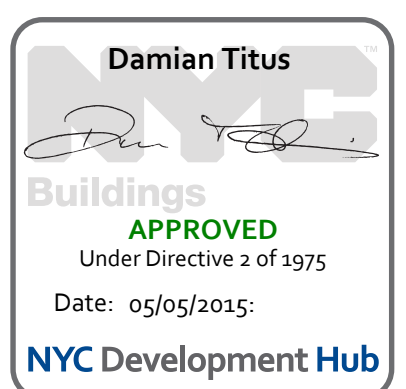
SHEET NOTES:

KEY PLAN

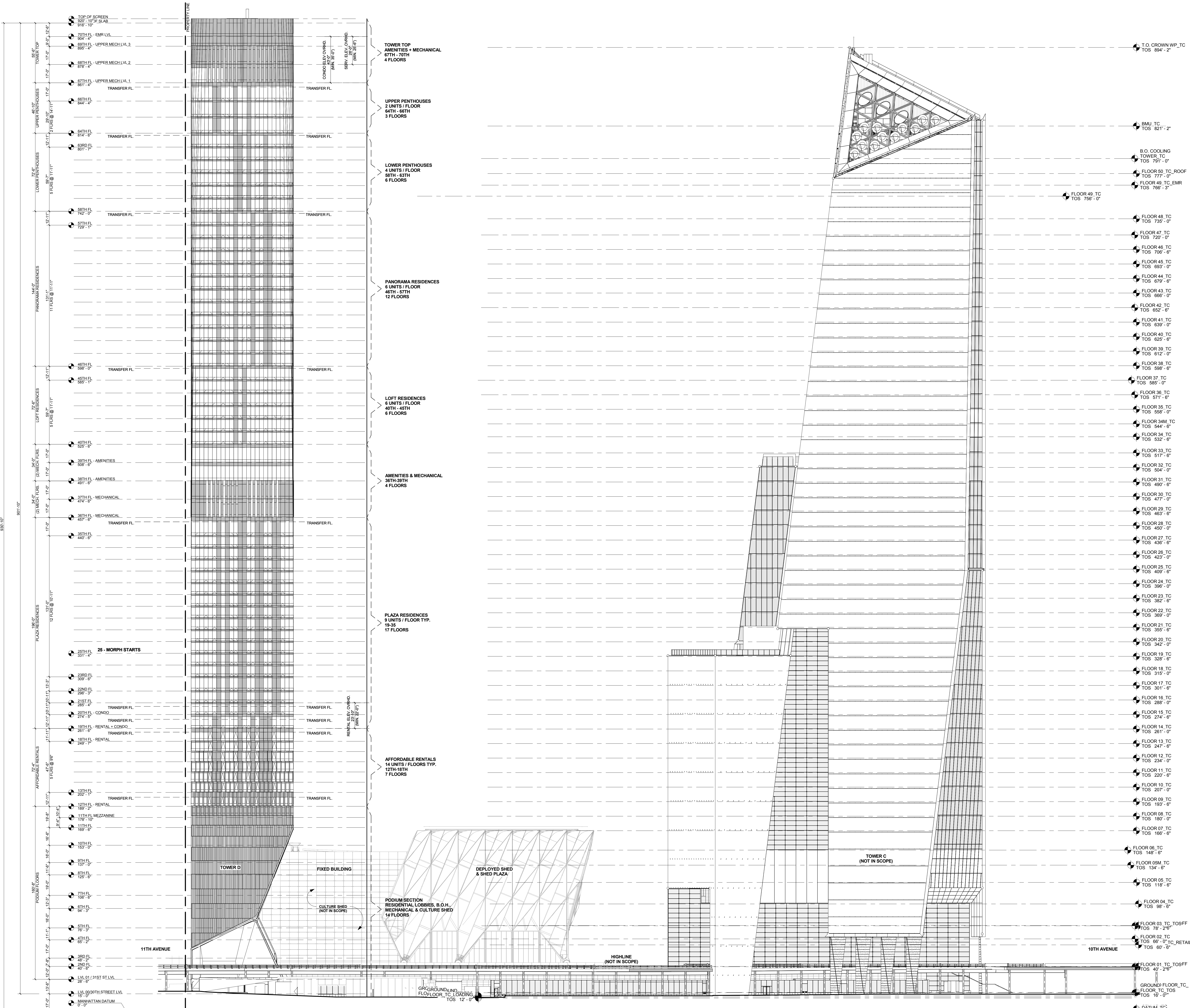
ISSUE SET	DATE
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FINAL SD ISSUE - REVISED (DD PHASE PROGRESS DWGS)	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



DATE OF PRINT  
1/17/2015 7:37:28 PM  
DRAWING SCALE  
1/32" = 1'-0"  
PROJECT NUMBER  
TITLE  
SITE BUILDINGS ELEVATION - SOUTH  
DRAWING NO.



HYE SITE ELEVATION @ 30TH STREET 1  
1/32" = 1'-0"



**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Janaki Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.298.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.269.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9588

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10003  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.370-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**SHEET NOTES:**

1. LOCATIONS AND QUANTITIES OF OPERABLE VENTS, LOUVERS AND SHROUD BOX PANELS SHOWN ON THESE DRAWINGS ARE SUBJECT TO CHANGE.

2. LOCATIONS, SIZES AND DETAILS OF COLUMNS, BEAMS AND OTHER STRUCTURAL ELEMENTS SHOWN ON THESE DRAWINGS ARE SUBJECT TO CHANGE.

3. FLOOR HEIGHTS & T.O.S. ELEVATIONS SHOWN HERE ARE SUBJECT TO CHANGE.

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
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**STAMP**

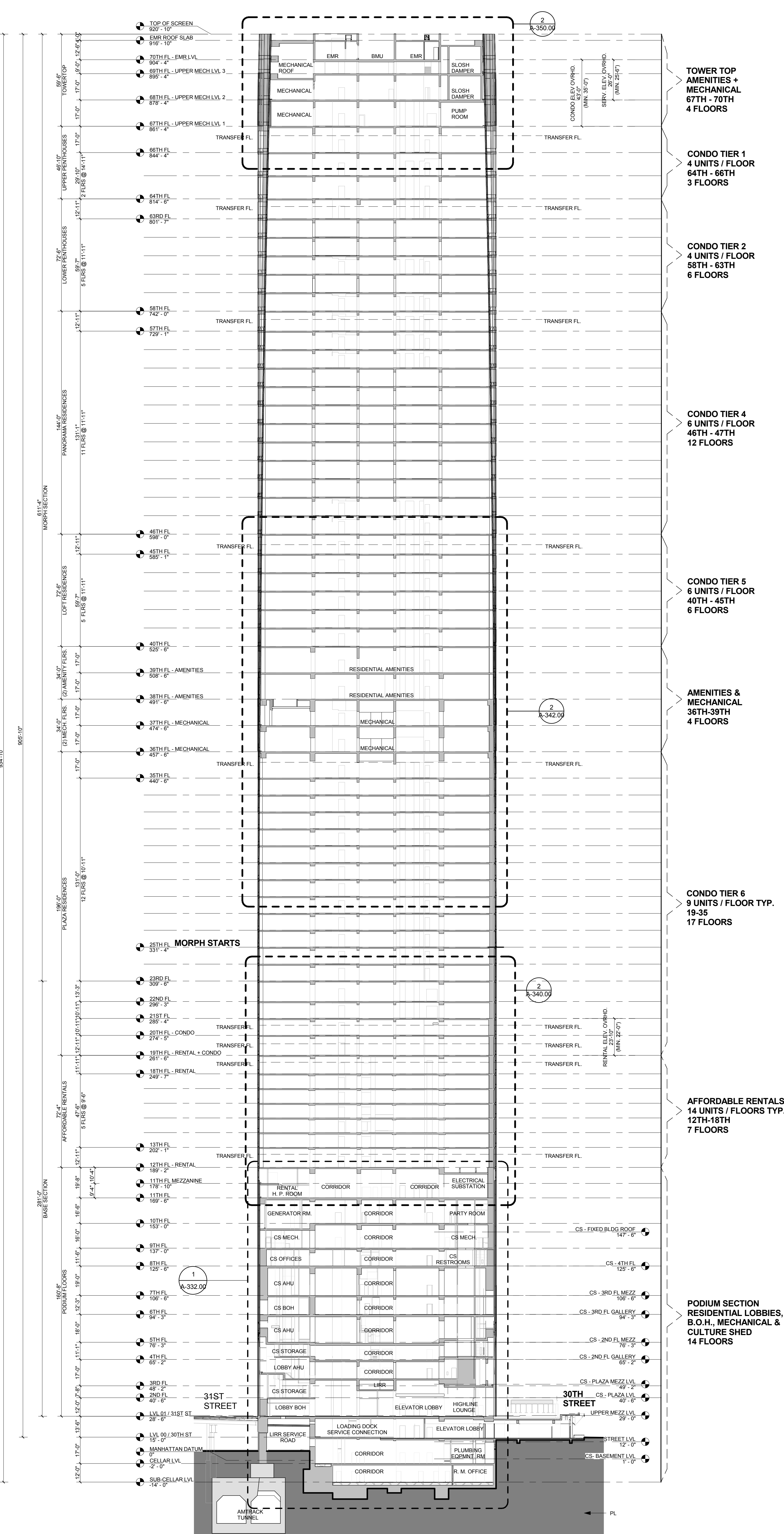
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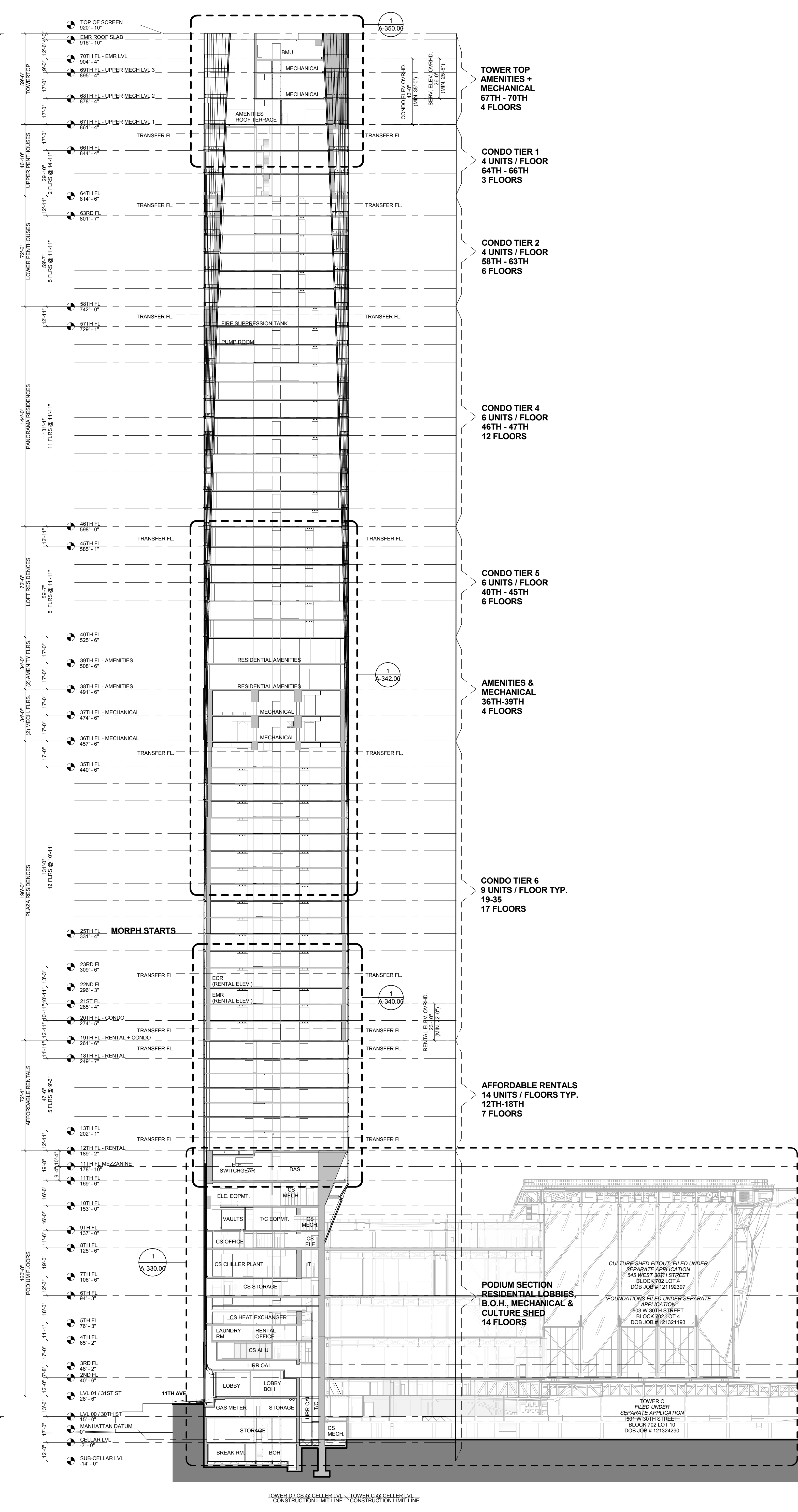
**PROJECT NUMBER**

**TITLE**  
BUILDING SECTIONS

**DRAWING NO.**  
**A-310.00**



**NORTH SOUTH SECTION - 1**  
**2**  
1/32" = 1'-0"



**EAST WEST SECTION - 1**  
**1**  
1/32" = 1'-0"



**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Janani Leya Architects  
48 West 37th Street  
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**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Soros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
CERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.530-2270

**SHEET NOTES:**

1. LOCATIONS & QUANTITIES OF OPERABLE VENTS, LOUVERS AND SHROUD BOSS PANELS SHOWN ON THESE DRAWINGS ARE SUBJECT TO CHANGE.
2. LOCATIONS, SIZES AND DETAILS OF COLUMNS, BEAMS AND OTHER STRUCTURAL ELEMENTS SHOWN ON THESE DRAWINGS ARE SUBJECT TO CHANGE.
3. FLOOR HEIGHTS & T.O.S. ELEVATIONS SHOWN HERE ARE SUBJECT TO CHANGE.

**KEY PLAN**

**ISSUE SET**

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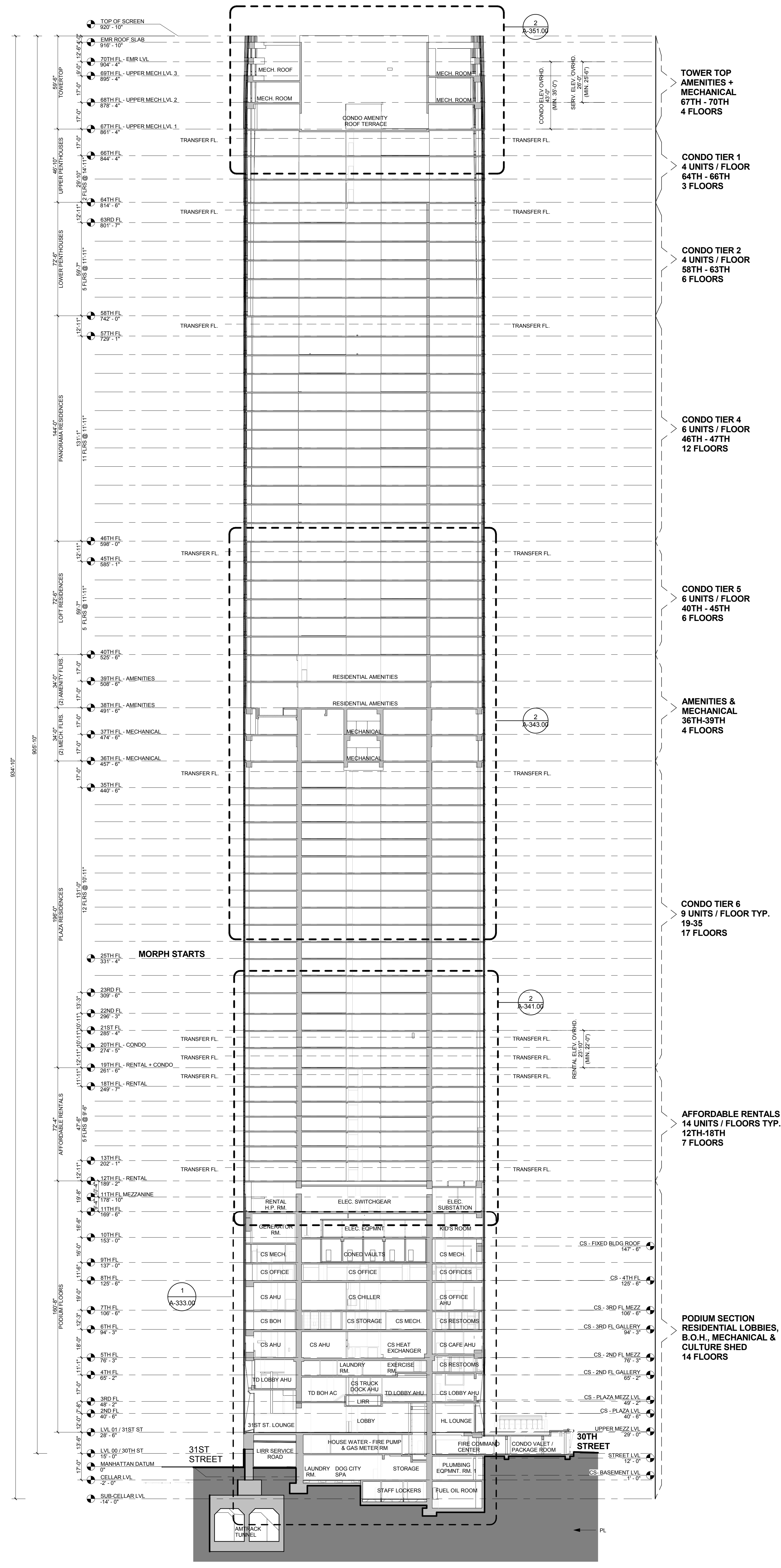
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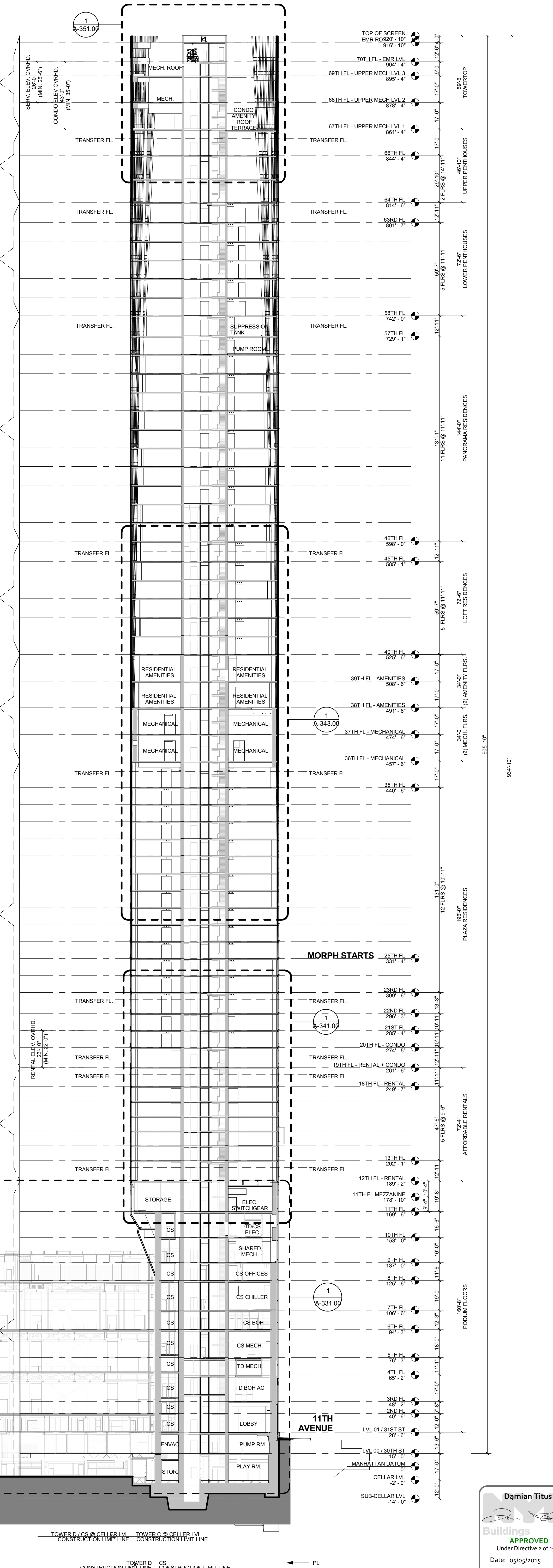
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**TITLE**  
BUILDING SECTIONS

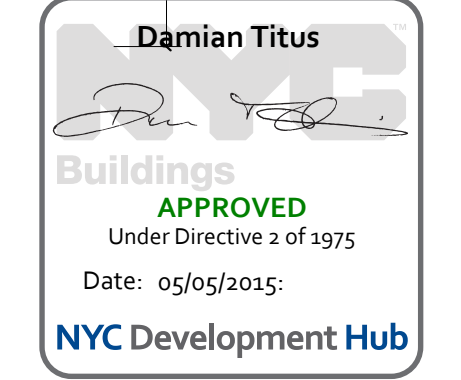
**DRAWING NO.**  
A-311.00



**NORTH SOUTH SECTION - 2**  
**2**  
1/32" = 1'-0"



**EAST WEST SECTION - 2**  
**1**  
1/32" = 1'-0"





**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Vridian  
350 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 8th Ave. 8B  
New York, NY 10018  
T: 212-251-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**      **DATE**

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UPDATED DOB SET	01.20.2015

**DATE OF PRINT**  
1/20/2015 11:39:10 AM

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

**PROJECT NUMBER**

**TITLE**  
ENLARGED PARTIAL  
ELEVATIONS - PODIUM S

**DRAWING NO.**  
1

**1/8" = 1'-0"**

**STAMP**



**DATE OF PRINT**  
1/20/2015 11:39:10 AM

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

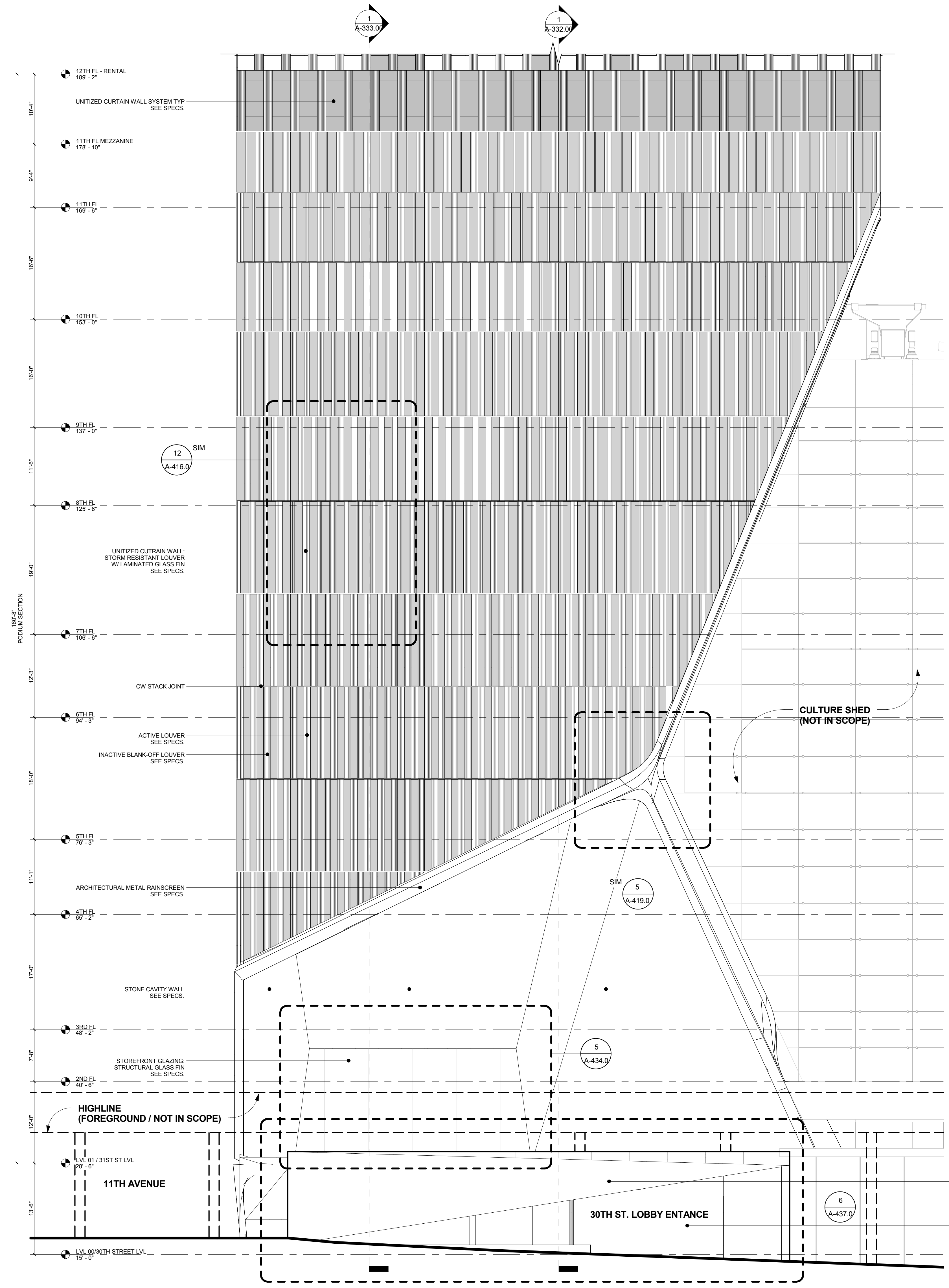
**PROJECT NUMBER**

**TITLE**  
ENLARGED PARTIAL  
ELEVATIONS - PODIUM S

**DRAWING NO.**  
1

**1/8" = 1'-0"**

NOTE: WWW TRACK/ANCHORS LOCATIONS TID ON FLRS BELOW 12



**PARTIAL SOUTH ELEVATION @ PODIUM**

**1**

**1/8" = 1'-0"**



**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

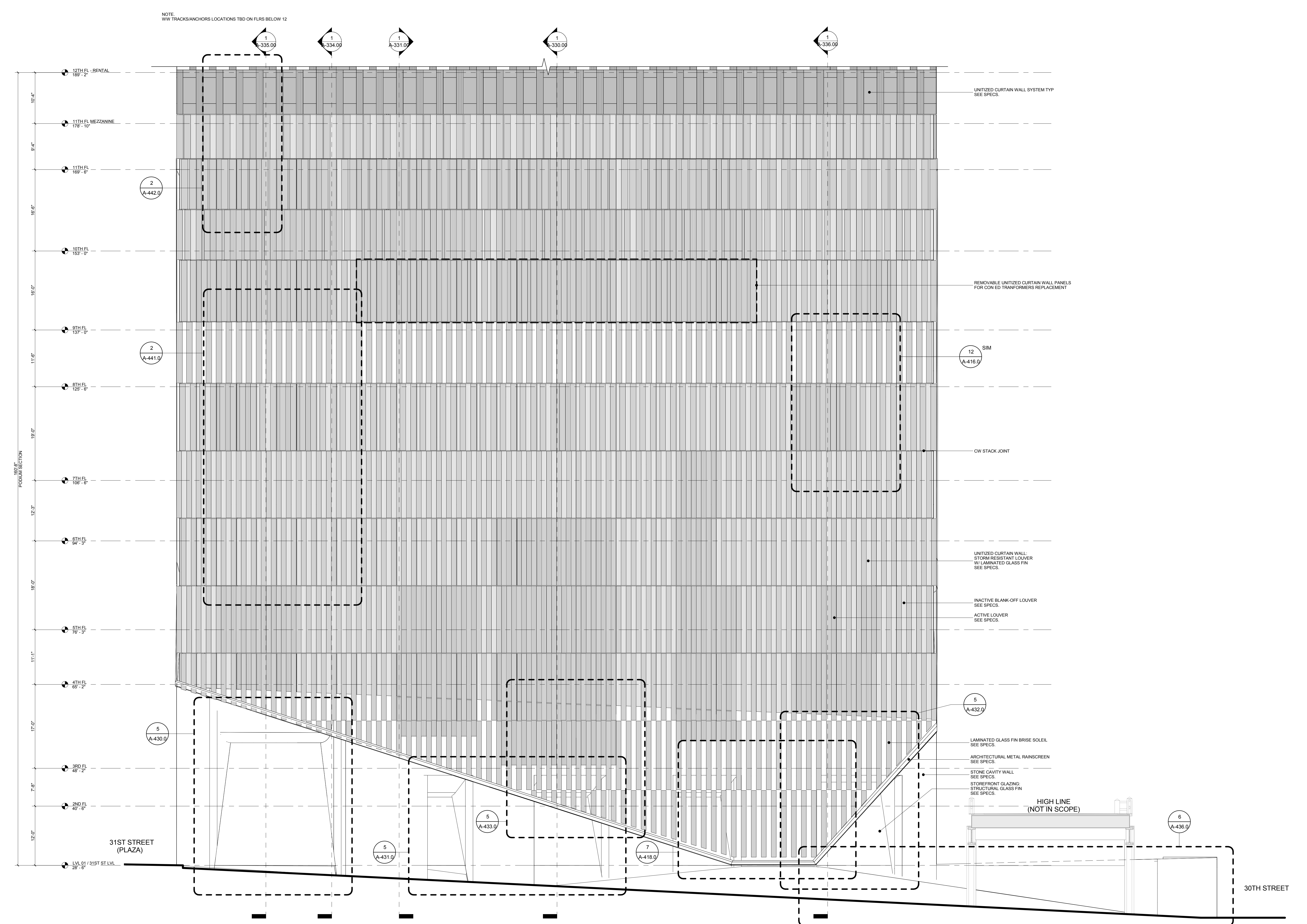
**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-251-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270



**SHEET NOTES:**

**KEY PLAN**

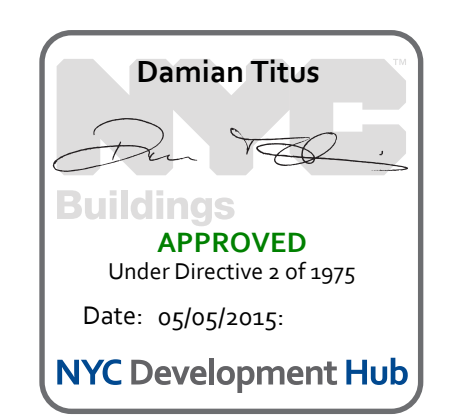
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SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE) PROGRESS DWGS	12.22.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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**DATE OF PRINT:**  
1/20/2015 11:39:21 AM

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

**PROJECT NUMBER:**



**PARTIAL WEST ELEVATION @ PODIUM 1**  
1/8" = 1'-0"

**TITLE:**  
ENLARGED PARTIAL ELEVATIONS - PODIUM W

**DRAWING NO.:**  
A-321.00

**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 90 Columbus Circle  
 New York, NY 10023  
 T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
 Jemal Loya Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.290.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.260.7871

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinik  
 228 E 45th Street  
 New York, NY 10017  
 T: 212.697.6988

**MEP ENGINEER:**  
 James Baker & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
 Heston Berger & Associates  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Viridian  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAMI & ASSOCIATES INC.  
 404 9th Ave. 8B  
 New York, NY 10018  
 T: 212-251-1176

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 920  
 New York, NY 10003  
 T: 212-260-2270

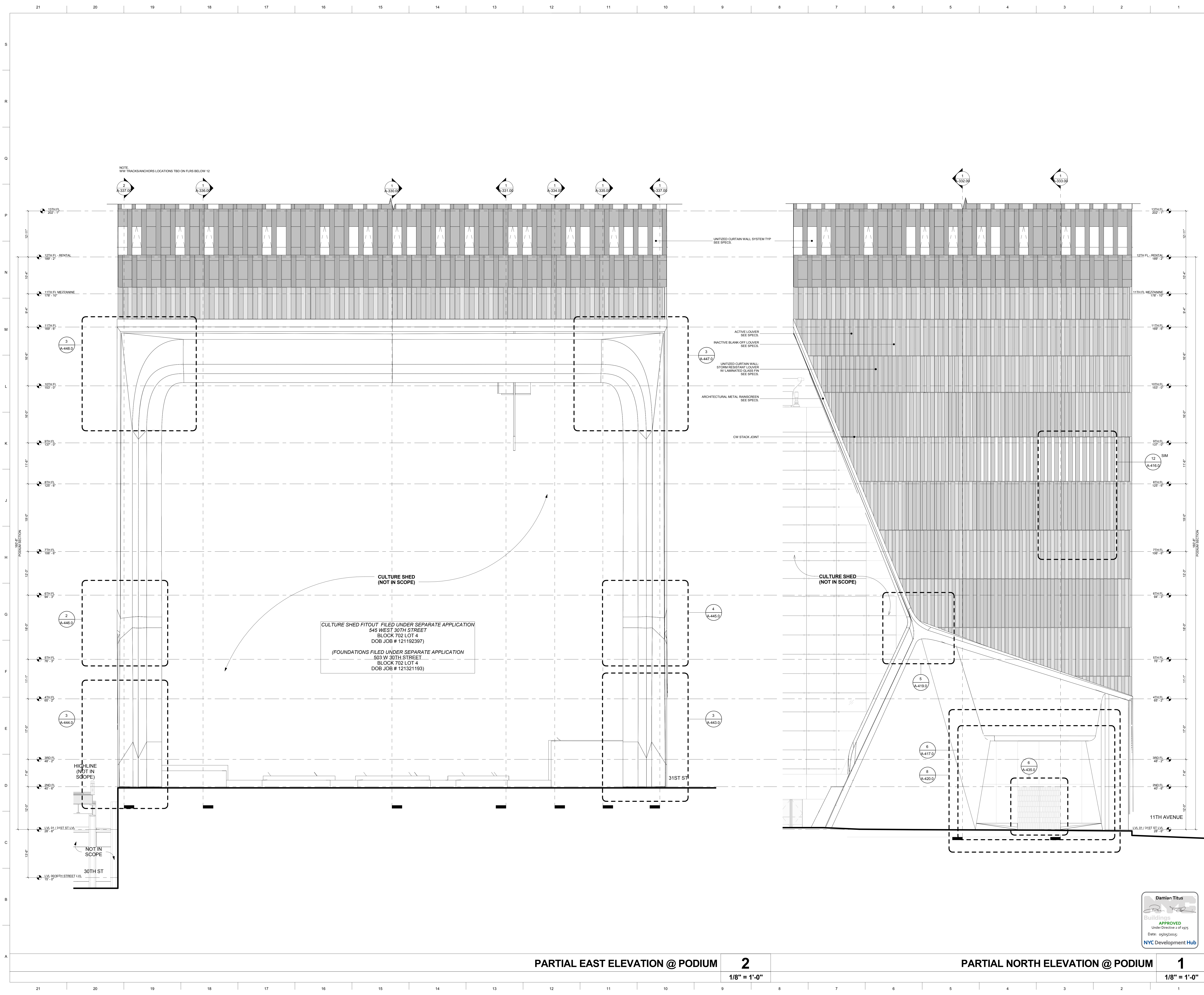
**SHEET NOTES:**

**KEY PLAN**

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SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.22.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

DATE OF PRINT	DATE
1/20/2015 11:39:37 AM	
1/8" = 1'-0"	
PROJECT NUMBER	
TITLE	
ENLARGED PARTIAL ELEVATIONS - PODIUM N & E	
DRAWING NO.	
<b>A-322.00</b>	

**Damian Titus**  
 Buildings  
 APPROVED  
 Under Directive 2 of 1975  
 Date: 05/25/2015  
 NYC Development Hub



**PARTIAL EAST ELEVATION @ PODIUM 2** **1/8" = 1'-0"** **PARTIAL NORTH ELEVATION @ PODIUM 1** **1/8" = 1'-0"**

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 46th Street  
New York, NY 10017  
T: 212.687.6988

**MEP ENGINEER:**  
Janice Bank & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Vridman  
350 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-259-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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FINAL SD ISSUE - REVISED	08.25.2014
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SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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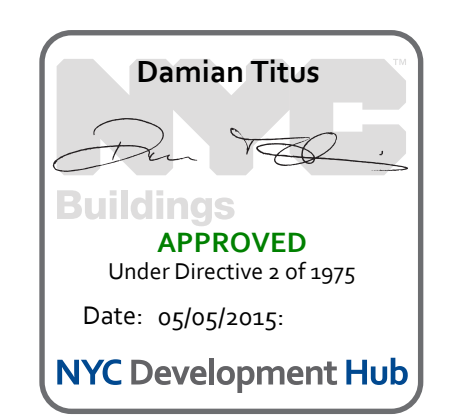
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1/8" = 1'-0"

**PROJECT NUMBER:**

**TITLE:**  
ENLARGED PARTIAL  
ELEVATIONS - LOW-RISE S & W

**DRAWING NO.:**  
A-323.00



PARTIAL WEST ELEVATION @ LOW-RISE 2

1/8" = 1'-0"

PARTIAL SOUTH ELEVATION @ LOW-RISE 1

1/8" = 1'-0"

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Hessl Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
CERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-259-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL PERM	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

**DATE OF PRINT:**  
1/26/2015 11:40:23 AM

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

**PROJECT NUMBER:**

**TITLE:**  
ENLARGED PARTIAL  
ELEVATIONS - LOW RISE N & E

**DRAWING NO.:**  
A-324.00



PARTIAL EAST ELEVATION @ LOW-RISE **2**  
1/8" = 1'-0"

PARTIAL NORTH ELEVATION @ LOW-RISE **1**  
1/8" = 1'-0"



**OWNER:**  
 Related Companies  
 90 Columbus Circle  
 New York, NY 10023  
 T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
 Jansel Loya Architects  
 45 West 27th Street  
 New York, NY 10018  
 T: 212.290.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.260.7871

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinik  
 228 E 45th Street  
 New York, NY 10017  
 T: 212.697.6988

**MEP ENGINEER:**  
 James Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
 Ineal Berger & Associates  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Viridian  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAMIC ASSOCIATES INC.  
 404 9th Ave. 8B  
 New York, NY 10018  
 T: 212-251-1776

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 920  
 New York, NY 10003  
 T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.30.2014
FINAL SD ISSUE - REVISED	08.25.2014
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(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



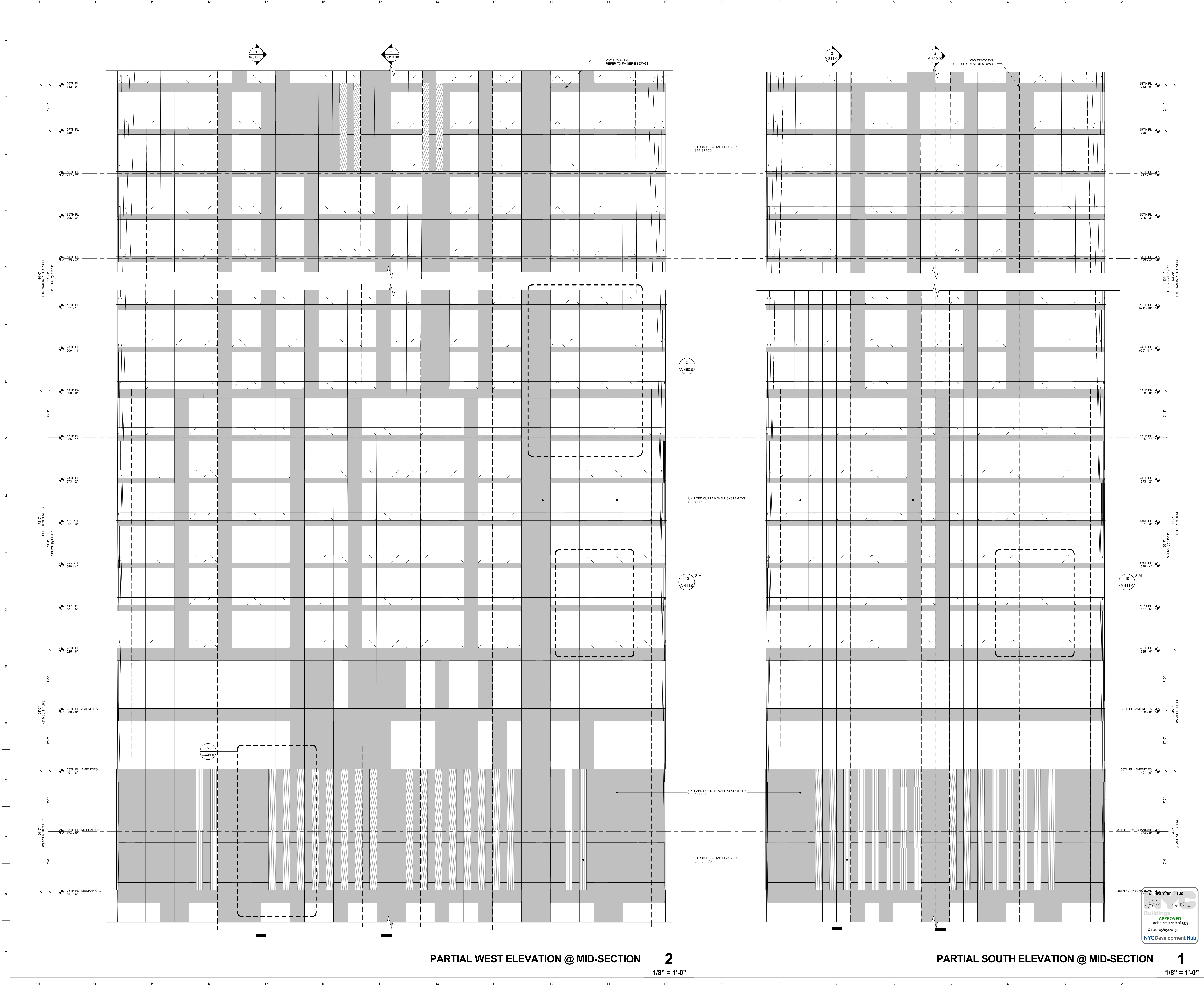
**DATE OF PRINT:**  
 1/20/2015 11:40:46 AM

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

**PROJECT NUMBER:**

**TITLE:**  
 ENLARGED PARTIAL  
 ELEVATIONS - MID-SECTION S &  
 W

**A-325.00**



**PARTIAL WEST ELEVATION @ MID-SECTION 2**  
 1/8" = 1'-0"

**PARTIAL SOUTH ELEVATION @ MID-SECTION 1**  
 1/8" = 1'-0"

15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

- OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000
- EXECUTIVE ARCHITECT:**  
Janaki Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.298.1444
- DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.200.7871
- DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334
- STRUCTURAL ENGINEER:**  
WSP Cannon Seimark  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6888
- MEP ENGINEER:**  
Janice Baum & Boles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300
- EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398
- VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220
- LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411
- ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212.375-1776
- LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212.260-2270

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
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E.W. BID SET ADDENDUM 1	03.05.2014
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FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT**  
12/20/2015 11:41:09 AM

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

**PROJECT NUMBER**  
ENLARGED PARTIAL ELEVATIONS - MID-SECTION N & E

**A-326.00**



**PARTIAL EAST ELEVATION @ MID-SECTION 2**  
1/8" = 1'-0"

**PARTIAL NORTH ELEVATION @ MID-SECTION 1**  
1/8" = 1'-0"

**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Banks & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Reuel Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-351-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-690-2270

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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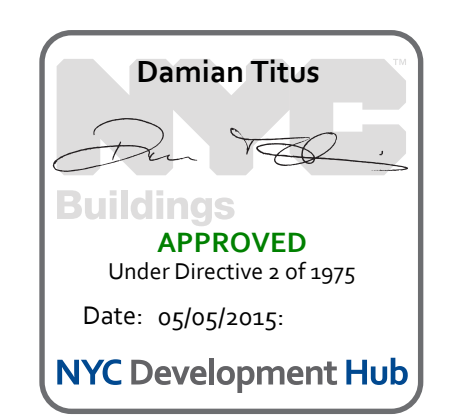
**DATE OF PRINT:**  
1/20/2015 11:41:27 AM

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

**PROJECT NUMBER:**

**TITLE:**  
ENLARGED PARTIAL  
ELEVATIONS - ROOFTOP S & W

**DRAWING NO.:**  
**A-327.00**



**PARTIAL WEST ELEVATION @ ROOFTOP** **2**  
1/8" = 1'-0"

**PARTIAL SOUTH ELEVATION @ ROOFTOP** **1**  
1/8" = 1'-0"



**OWNER:**  
Related Companies  
90 Columbus Circle  
New York, NY 10023  
T: 212.891.1000

**EXECUTIVE ARCHITECT:**  
Jamaal Loya Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7871

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.6988

**MEP ENGINEER:**  
James Banks & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Hessl Berger & Associates  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
CERAMI & ASSOCIATES INC.  
404 9th Ave. 8B  
New York, NY 10018  
T: 212-251-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 920  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**

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(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**



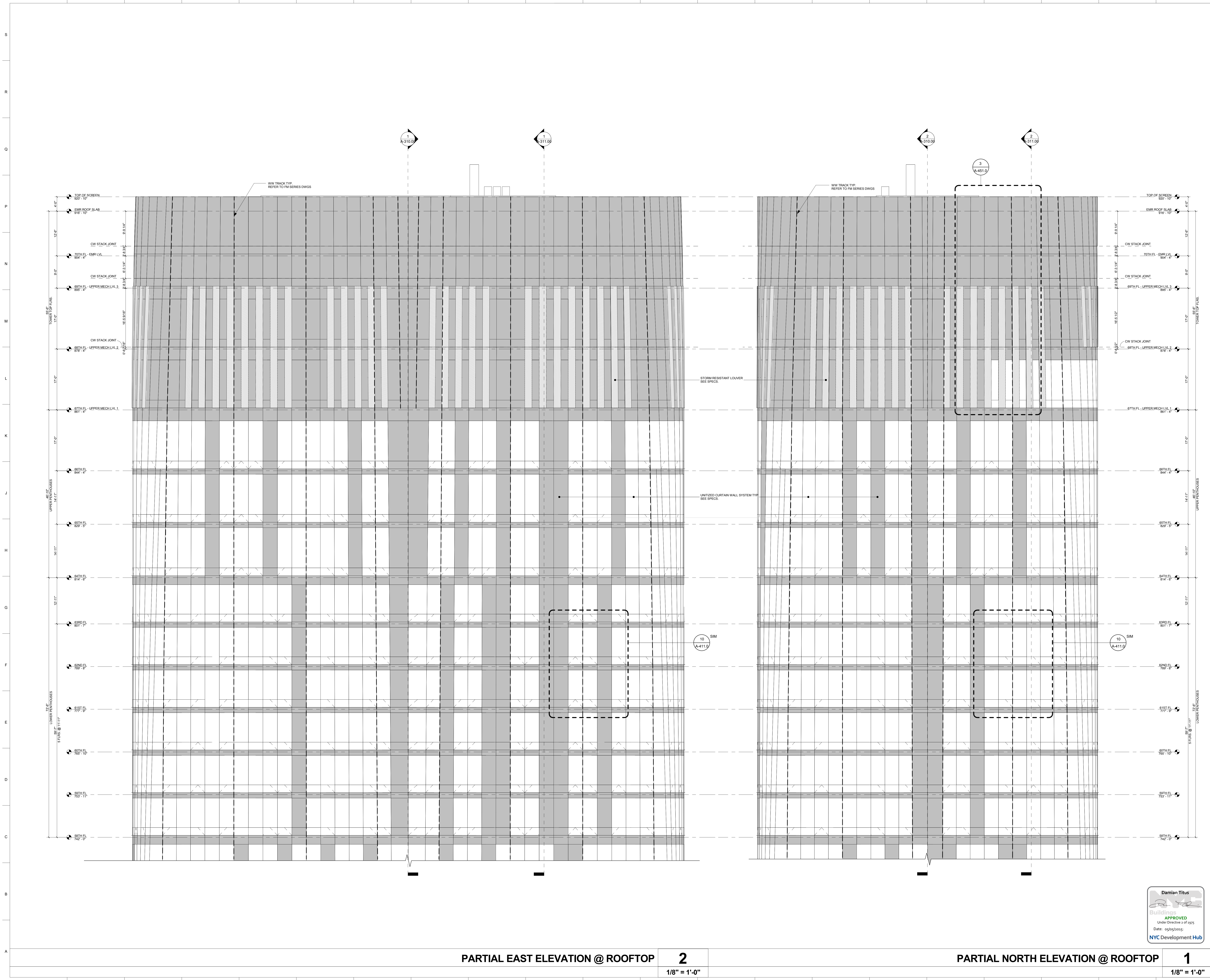
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**DRAWING SCALE:**  
1/8" = 1'-0"

**PROJECT NUMBER:**

**TITLE:**  
ENLARGED PARTIAL  
ELEVATIONS - ROOFTOP N & E

**DRAWING NO.:**  
A-328.00



**PARTIAL EAST ELEVATION @ ROOFTOP** **2**  
1/8" = 1'-0"

**PARTIAL NORTH ELEVATION @ ROOFTOP** **1**  
1/8" = 1'-0"



15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamel Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5388

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.370-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

SHEET NOTES:

- CULTURE SHED FITOUT: FILED UNDER SEPARATE APPLICATION 545 WEST 30TH STREET BLOCK 702 LOT 4 DOB JOB # 121192397
- (FOUNDATIONS FILED UNDER SEPARATE APPLICATION 503 W 30TH STREET BLOCK 702 LOT 4 DOB JOB # 121321193)

KEY PLAN

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED BID ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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DATE OF PRINT  
1/20/2015 4:34:32 PM

DRAWING SCALE  
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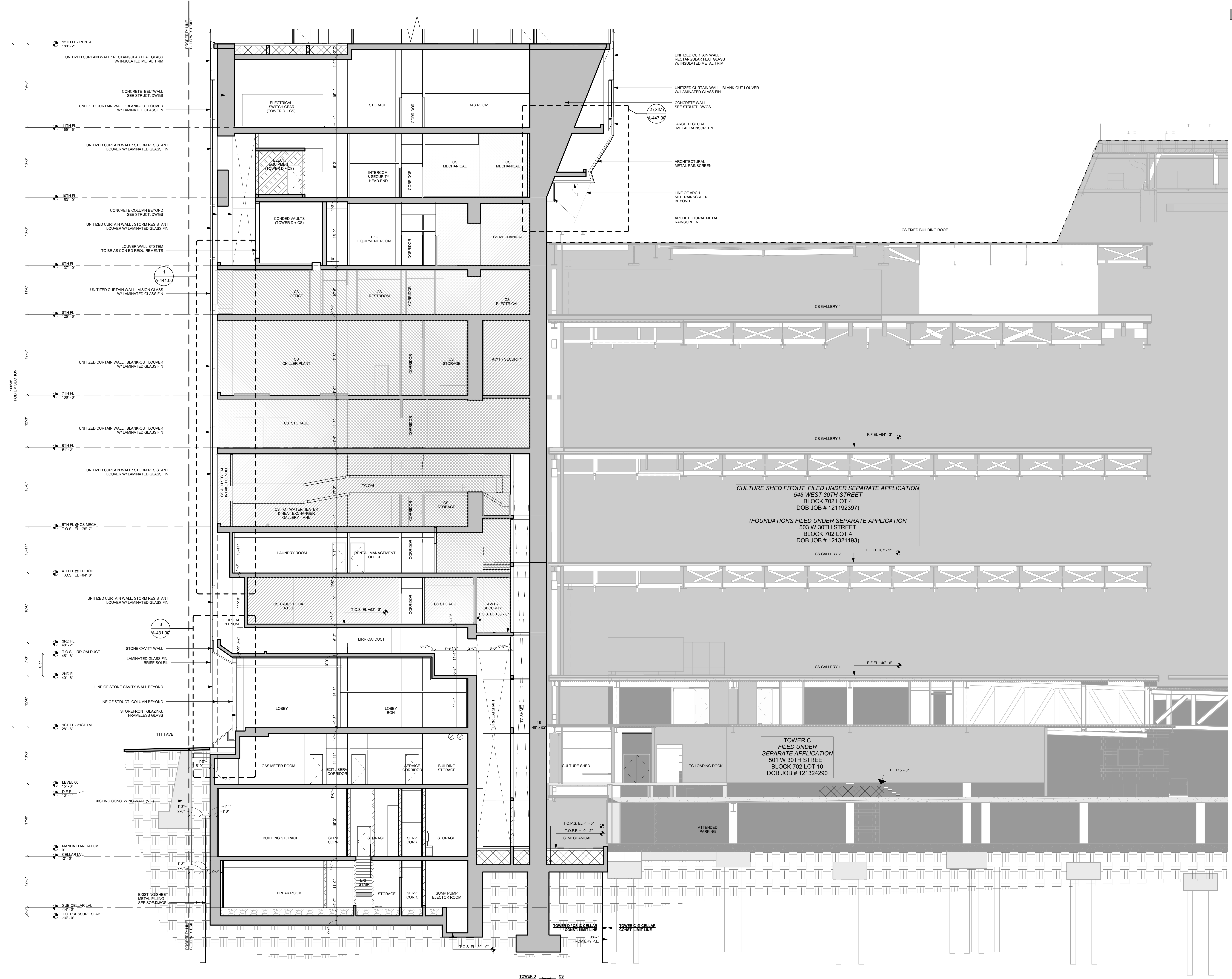
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TITLE  
ENLARGED EW PODIUM SECTION  
- 1

DRAWING NO.  
A-330.00

SECTION LEGEND

- CULTURE SHED WITHIN TOWER D LIMIT
- CULTURE SHED OUTSIDE TOWER D LIMIT
- OTHERS (TOWER C LIRR)



Damian Titus  
Buildings  
APPROVED  
Under Directive 2 of 1975  
Date: 05/05/2015  
NYC Development Hub

ENLARGED EW PODIUM SECTION - 1  
1  
1/8" = 1'-0"

SECTION LEGEND

- CULTURE SHED WITHIN TOWER D LIMIT
- CULTURE SHED OUTSIDE TOWER D LIMIT
- OTHERS (TOWER C, LIRR)

15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

- OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000
- EXECUTIVE ARCHITECT:**  
Jamaal Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444
- DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7071
- DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334
- STRUCTURAL ENGINEER:**  
NSP Cantor Seimik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988
- MEP ENGINEER:**  
Jesse Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530.9300
- EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
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- VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973.994-9220
- LEED CONSULTANT:**  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203.299-1411
- ACOUSTICAL CONSULTANTS:**  
GERAMI & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.370-1776
- LANDSCAPE DESIGNER:**  
Nelson Bryd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

SHEET NOTES:

KEY PLAN

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E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.26.2014
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DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



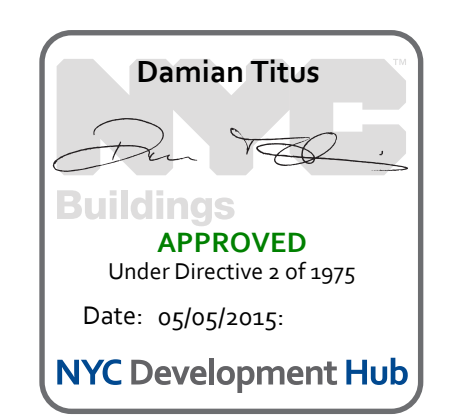
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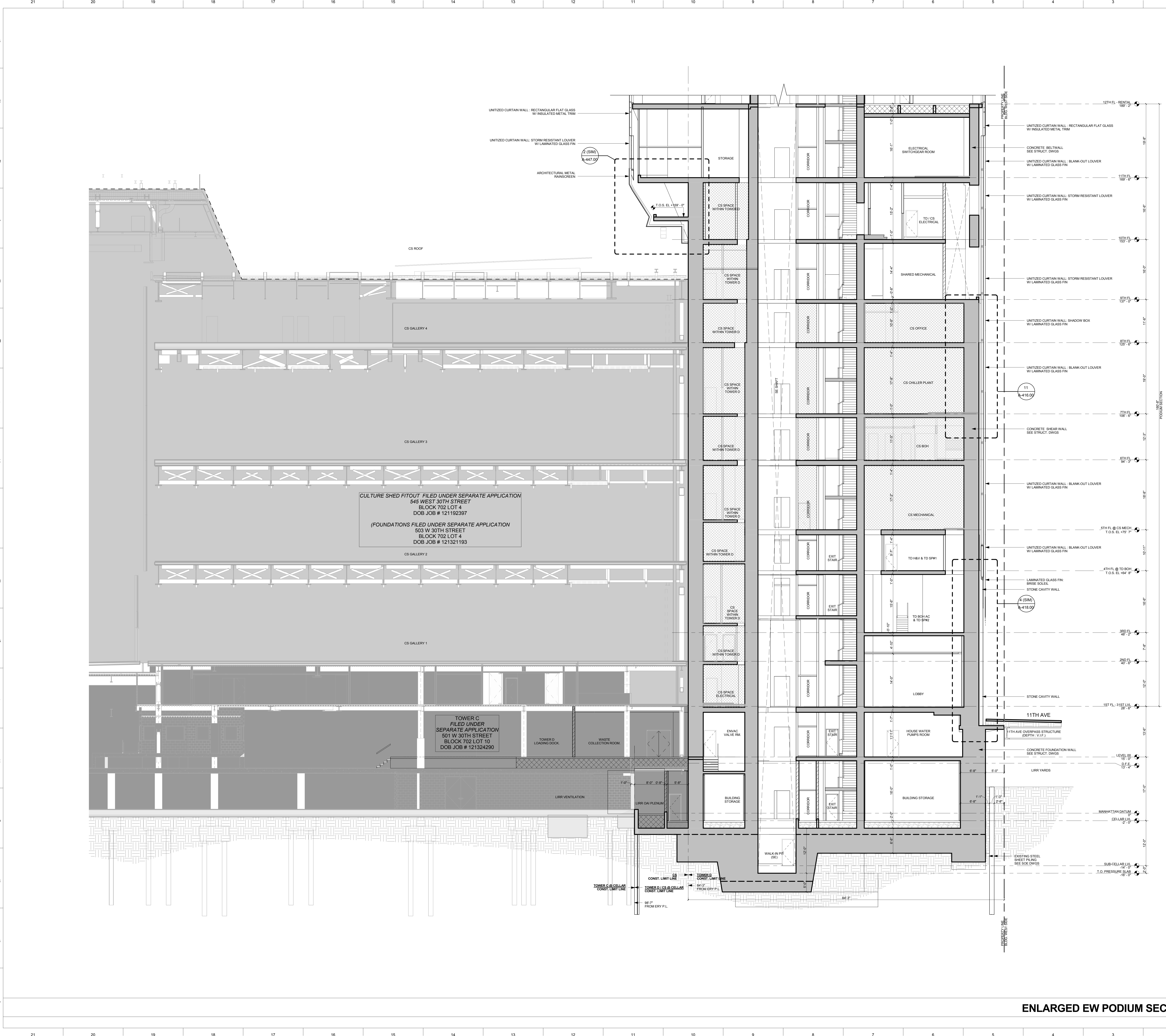
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ENLARGED EW PODIUM SECTION  
- 2

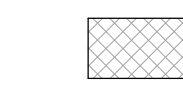
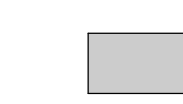
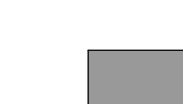
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ENLARGED EW PODIUM SECTION - 2  
1  
1/8" = 1'-0"



**SECTION LEGEND**

-  CULTURE SHED WITHIN TOWER D LIMIT
-  CULTURE SHED OUTSIDE TOWER D LIMIT
-  OTHERS (TOWER C LRR)

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
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**EXECUTIVE ARCHITECT:**  
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**DESIGNER:**  
Diller Scofidio+Renfro  
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New York, New York 10001  
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**DESIGNER:**  
Rockwell Group  
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T: 212-463-0334

**STRUCTURAL ENGINEER:**  
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228 E 45th Street  
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**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Vridhan  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212-701-1776

**LANDSCAPE DESIGNER:**  
Nelson Bunker Hunt  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-2270

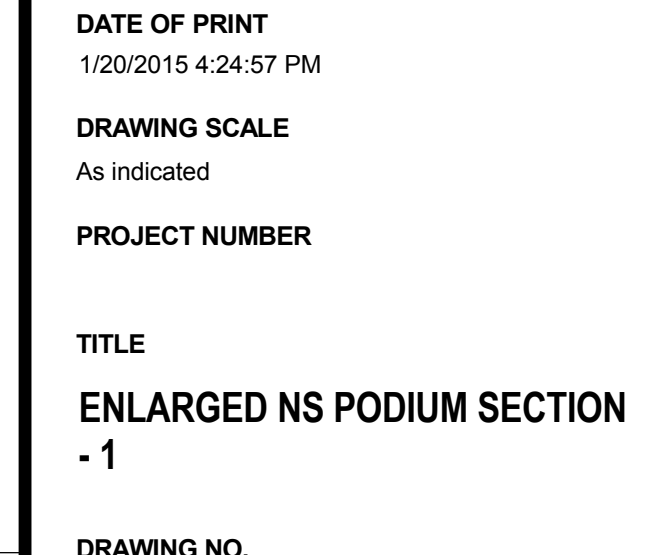
**SHEET NOTES:**

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REVISED BID ISSUE	05.06.2013
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DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**KEY PLAN**

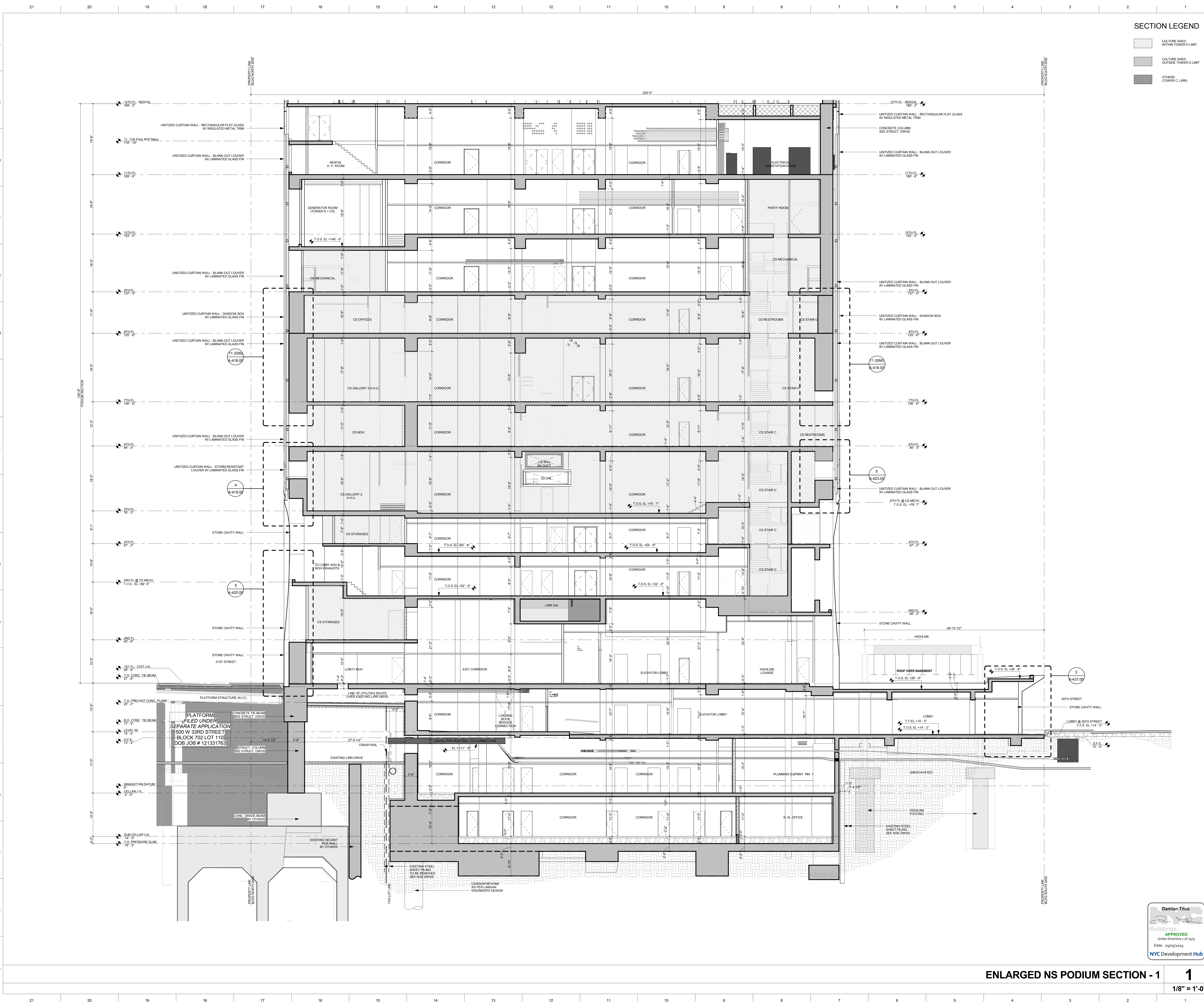
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			- 1

**STAMP**



**Damian Titus**  
APPROVED  
Under Directive 2 of 1975  
Date: 09/25/2015  
NYC Development Hub

**ENLARGED NS PODIUM SECTION - 1** **1**  
1/8" = 1'-0"



- CULTURE SHEED WITHIN TOWER D.LIMIT
- CULTURE SHEED OUTSIDE TOWER D.LIMIT
- OTHERS (TOWER C. LRR)

15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
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**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
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**DESIGNER:**  
Rockwell Group  
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T: 212.463.0334

**STRUCTURAL ENGINEER:**  
NSP Cantor Seinuk  
228 E 45th Street  
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**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530.9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
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**VERTICAL TRANSPORTATION:**  
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360 Park Avenue South, 15th Floor  
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**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. 8B  
New York, NY 10018  
T: 212.701.1776

**LANDSCAPE DESIGNER:**  
Nelson Beorn & Associates  
200 Park Avenue South, Suite 520  
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**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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EXTERIOR WALL 75% DD	09.05.2013
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FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
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**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**

**TITLE:**  
ENLARGED NS PODIUM SECTION  
- 2

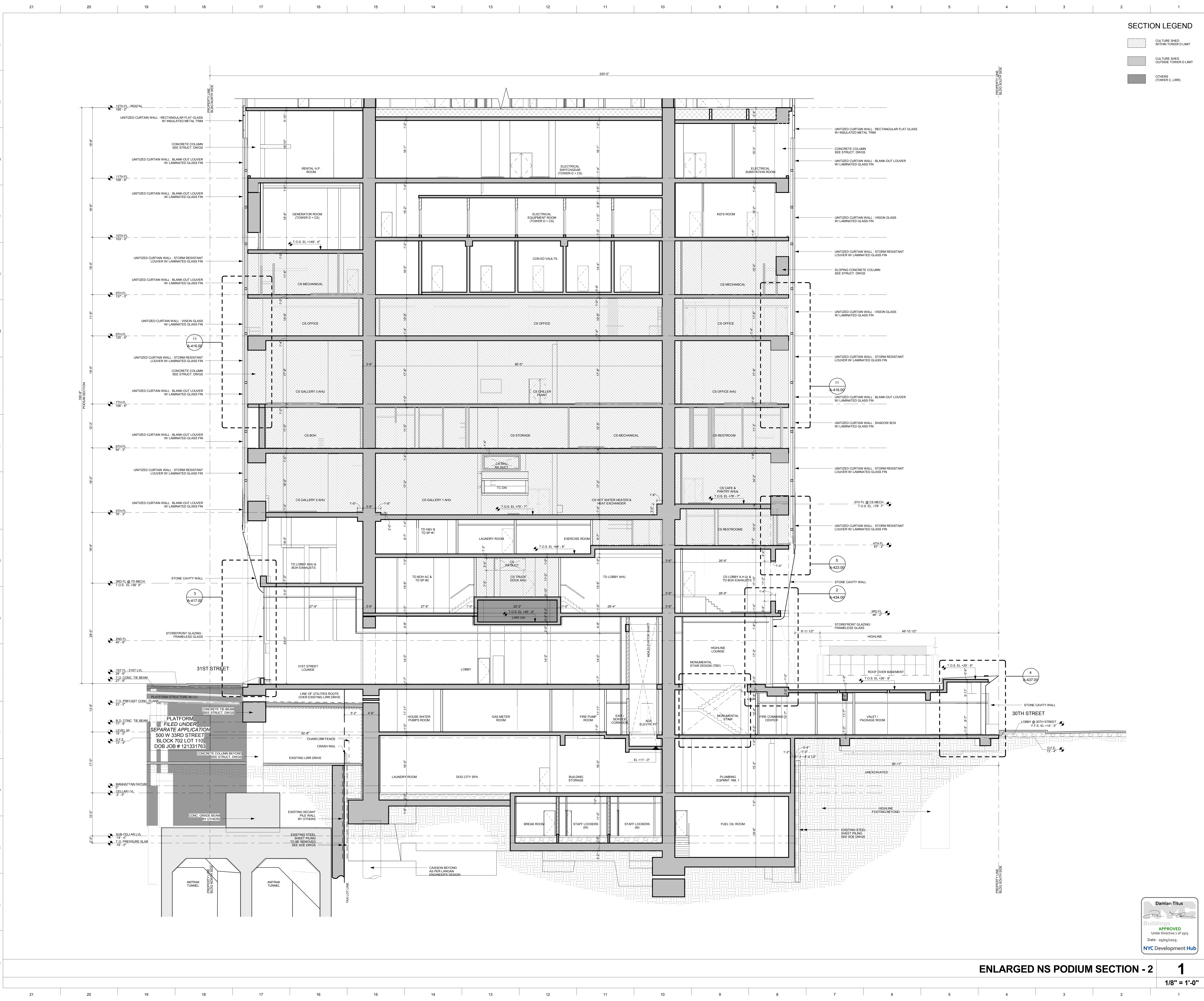
**DRAWING NO.:**



**ENLARGED NS PODIUM SECTION - 2**

**1**

1/8" = 1'-0"



SECTION LEGEND

- CULTURE SHED WITHIN TOWER D LIMIT
- CULTURE SHED OUTSIDE TOWER D LIMIT
- OTHERS (TOWER C, LIRR)

15 HUDSON YARDS  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
NSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9588

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
350 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-370-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-260-2270

**SHEET NOTES:**

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
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E.W. BID SET ADDENDUM 1	03.05.2014
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FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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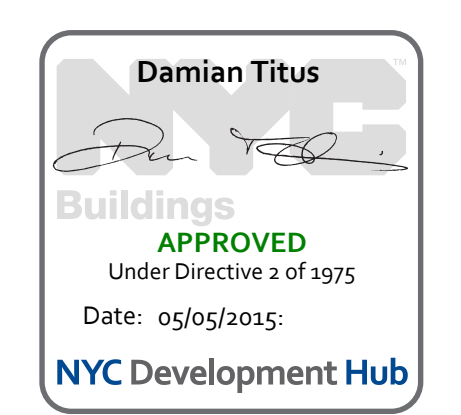
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As indicated

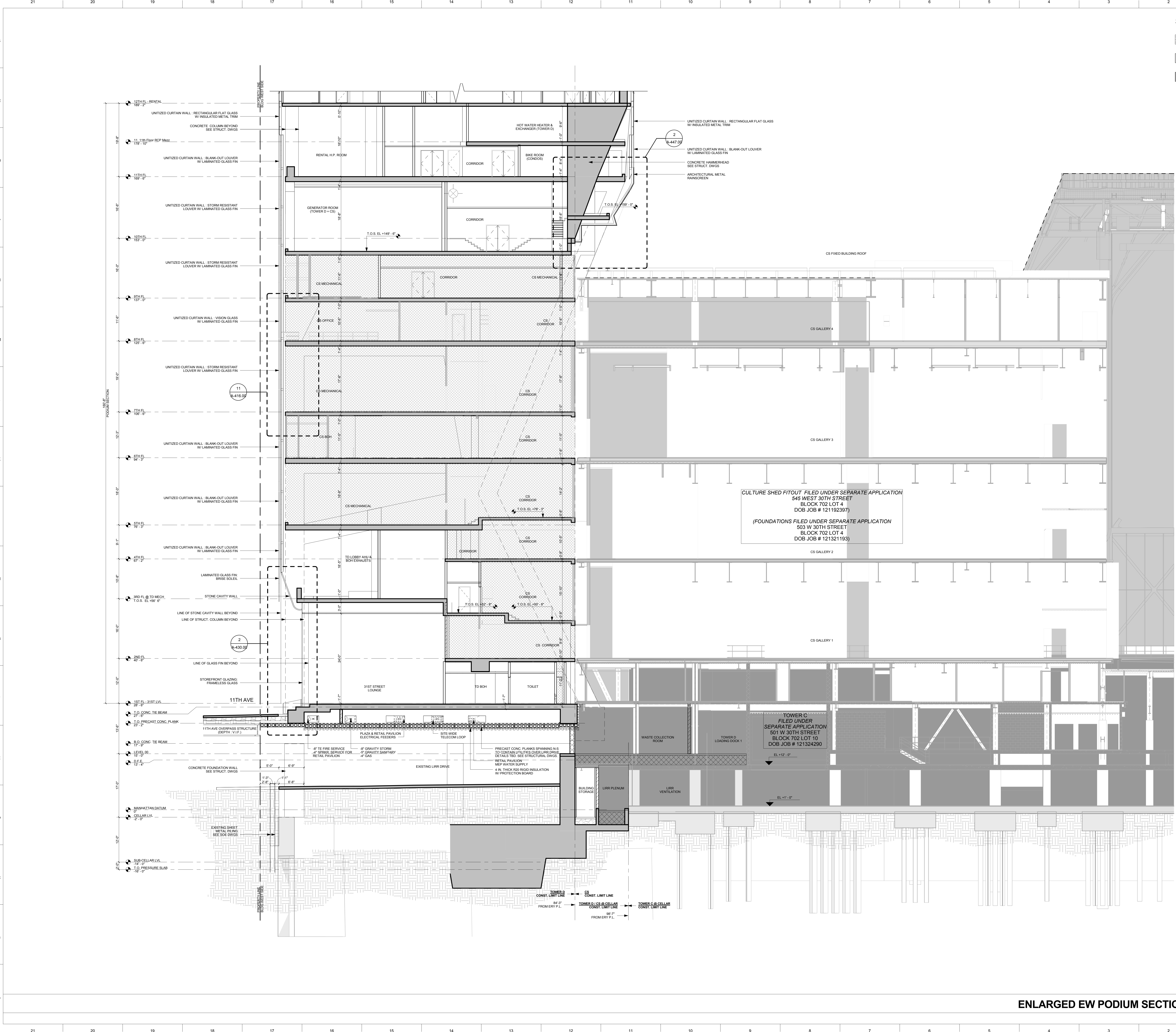
**PROJECT NUMBER**

**TITLE**  
ENLARGED EW PODIUM SECTION  
- 3

**DRAWING NO.**  
A-334.00



ENLARGED EW PODIUM SECTION - 3  
1  
1/8" = 1'-0"



CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE APPLICATION  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193)

TOWER C  
FILED UNDER  
SEPARATE APPLICATION  
501 W 30TH STREET  
BLOCK 702 LOT 10  
DOB JOB # 121324290

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7071

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212-463-0334

**STRUCTURAL ENGINEER:**  
NSP Cantor Serinik  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10003  
T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

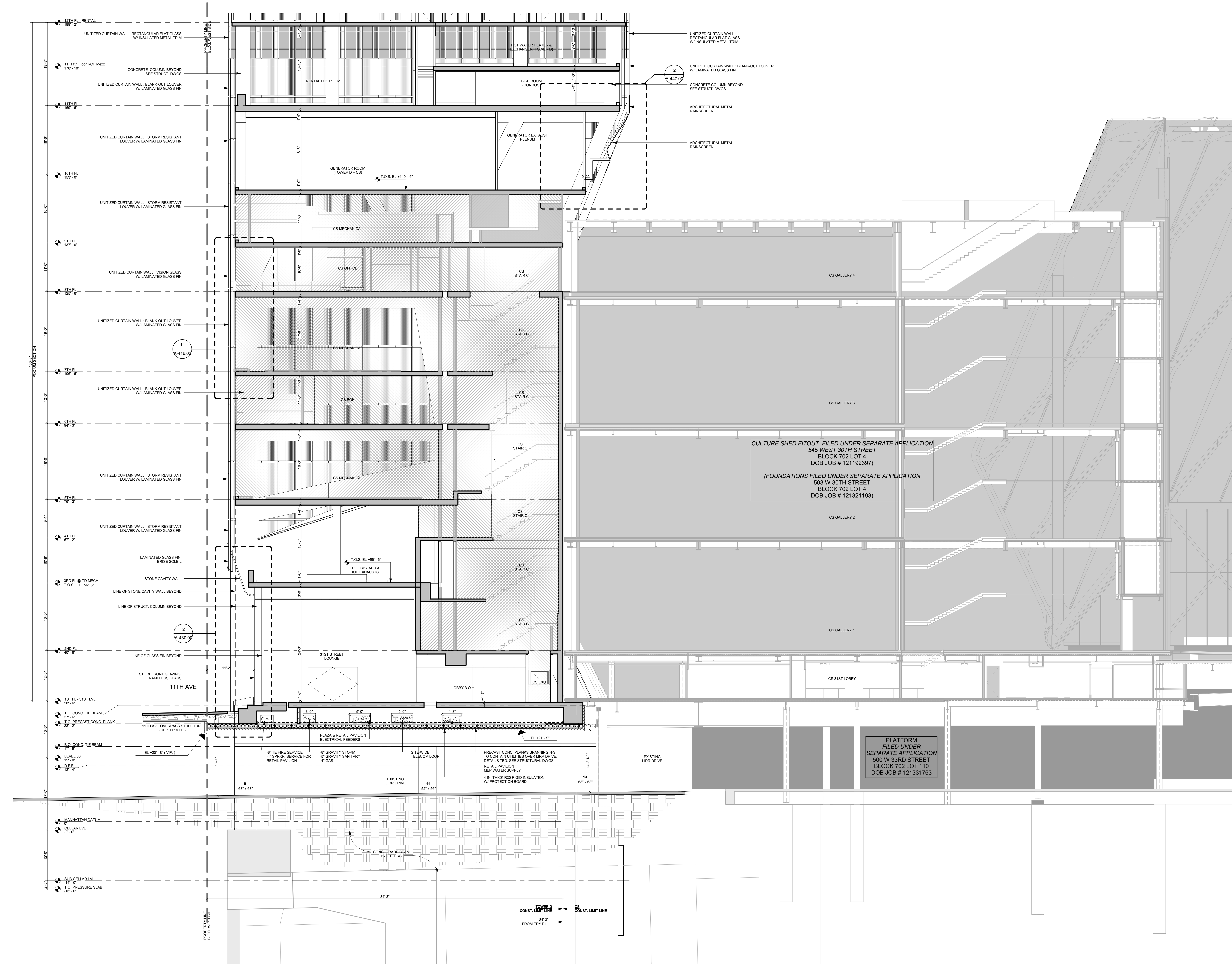
**LEED CONSULTANT:**  
Viridian  
380 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-701-1776

**LANDSCAPE DESIGNER:**  
Nelson Nyberg  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-269-2270

**SECTION LEGEND**

	CULTURE SHED WITHIN TOWER LIMIT
	CULTURE SHED OUTSIDE TOWER LIMIT
	OTHERS (TOWER C. LIRR)

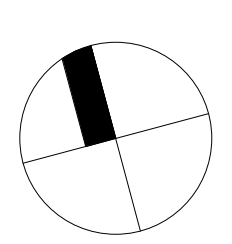


CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE APPLICATION  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193)

PLATFORM FILED UNDER SEPARATE APPLICATION  
500 W 33RD STREET  
BLOCK 702 LOT 110  
DOB JOB # 121331763

**KEY PLAN**



**ISSUE SET**

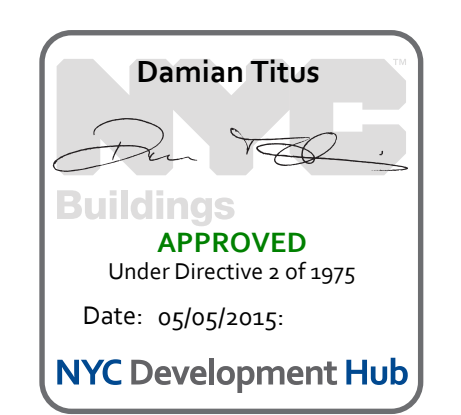
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UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
1/20/2015 4:28:34 PM

**DRAWING SCALE:**  
As indicated

**PROJECT NUMBER:**



**ENLARGED EW PODIUM SECTION THROUGH LIRR DRIVE**

**1**  
1/8" = 1'-0"

**TITLE**  
ENLARGED EW PODIUM SECTION THROUGH LIRR DRIVE

**DRAWING NO.**  
A-335.00

**15 HUDSON YARDS**  
a.k.a. 553 W 30TH STREET,  
NEW YORK, NY.

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
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**MEP ENGINEER:**  
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VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

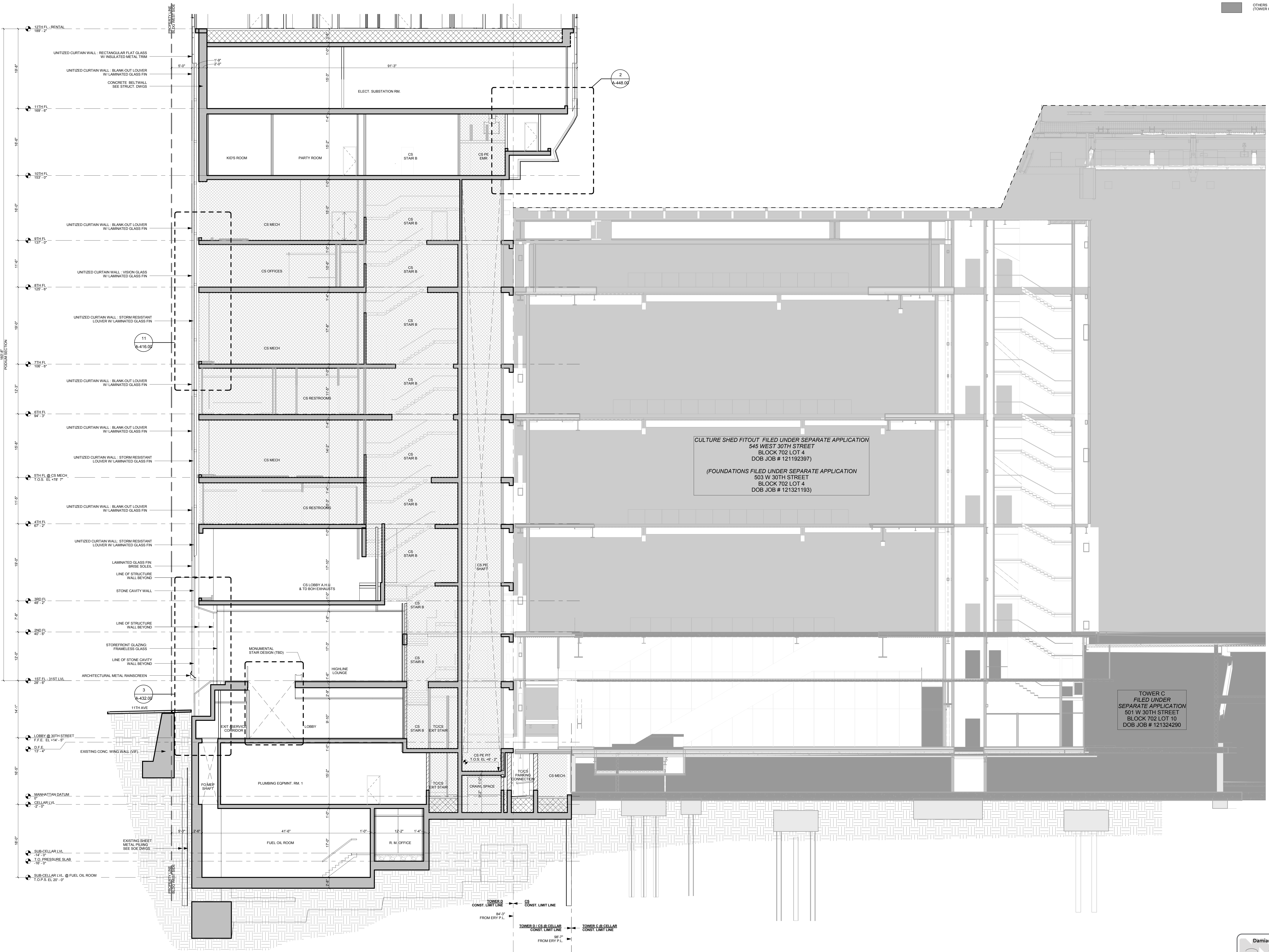
**LEED CONSULTANT:**  
Viridian  
300 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212-70-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212-690-2270

**SECTION LEGEND**

	CULTURE SHED WITHIN TOWER D LIMIT
	CULTURE SHED OUTSIDE TOWER D LIMIT
	OTHERS (TOWER C, LRR)



CULTURE SHED FITOUT FILED UNDER SEPARATE APPLICATION  
545 WEST 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121192397

(FOUNDATIONS FILED UNDER SEPARATE APPLICATION  
503 W 30TH STREET  
BLOCK 702 LOT 4  
DOB JOB # 121321193)

TOWER C  
FILED UNDER  
SEPARATE APPLICATION  
501 W 30TH STREET  
BLOCK 702 LOT 10  
DOB JOB # 121324290

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
EXTERIOR WALL PRELIM. BID	11.05.2013
D.O.B. INITIAL FILING	11.22.2013
FINAL SD ISSUE	11.25.2013
EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
FOUNDATION BID SET	06.02.2014
FOUNDATION BID SET REV. 1	06.20.2014
FINAL SD ISSUE - REVISED	08.25.2014
SUPERSTRUCTURE BID SET (DD PHASE PROGRESS DWGS)	11.17.2014
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**DATE OF PRINT**  
1/20/2015 4:40:53 PM

**DRAWING SCALE**  
As indicated

**PROJECT NUMBER**

**TITLE**  
ENLARGED EW PODIUM SECTION @ SOUTH

**DRAWING NO.**

**STAMP**

**Damian Titus**  
Bullitt/Titus  
APPROVED  
Under Directive 2 of 1975  
Date: 05/05/2015  
NYC Development Hub

**A-336.00**





**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 60 Columbus Circle  
 New York, NY 10023  
 T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
 Jsmal Loya Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.290.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.260.7971

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinuk  
 228 E 45th Street  
 New York, NY 10017  
 T: 212.697.6988

**MEP ENGINEER:**  
 Jarvis Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
 Israel Berger & Associates  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Viridian  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-229-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAMIC ASSOCIATES INC.  
 404 5th Ave. #8  
 New York, NY 10018  
 T: 212-770-1776

**LANDSCAPE DESIGNER:**  
 Nelson Acre Moore  
 200 Park Avenue South, Suite 520  
 New York, NY 10003  
 T: 212-260-2270

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.05.2013
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DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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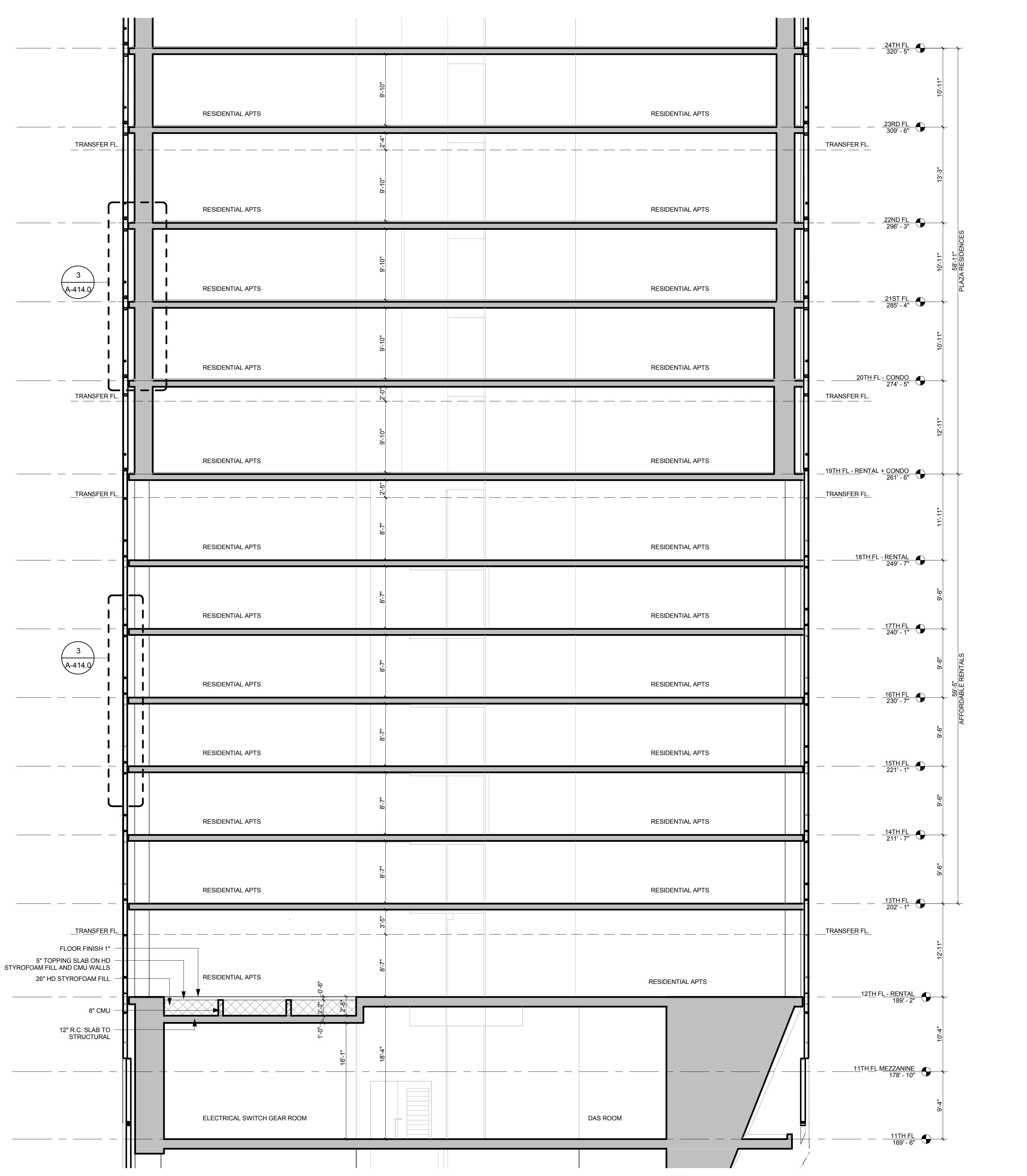
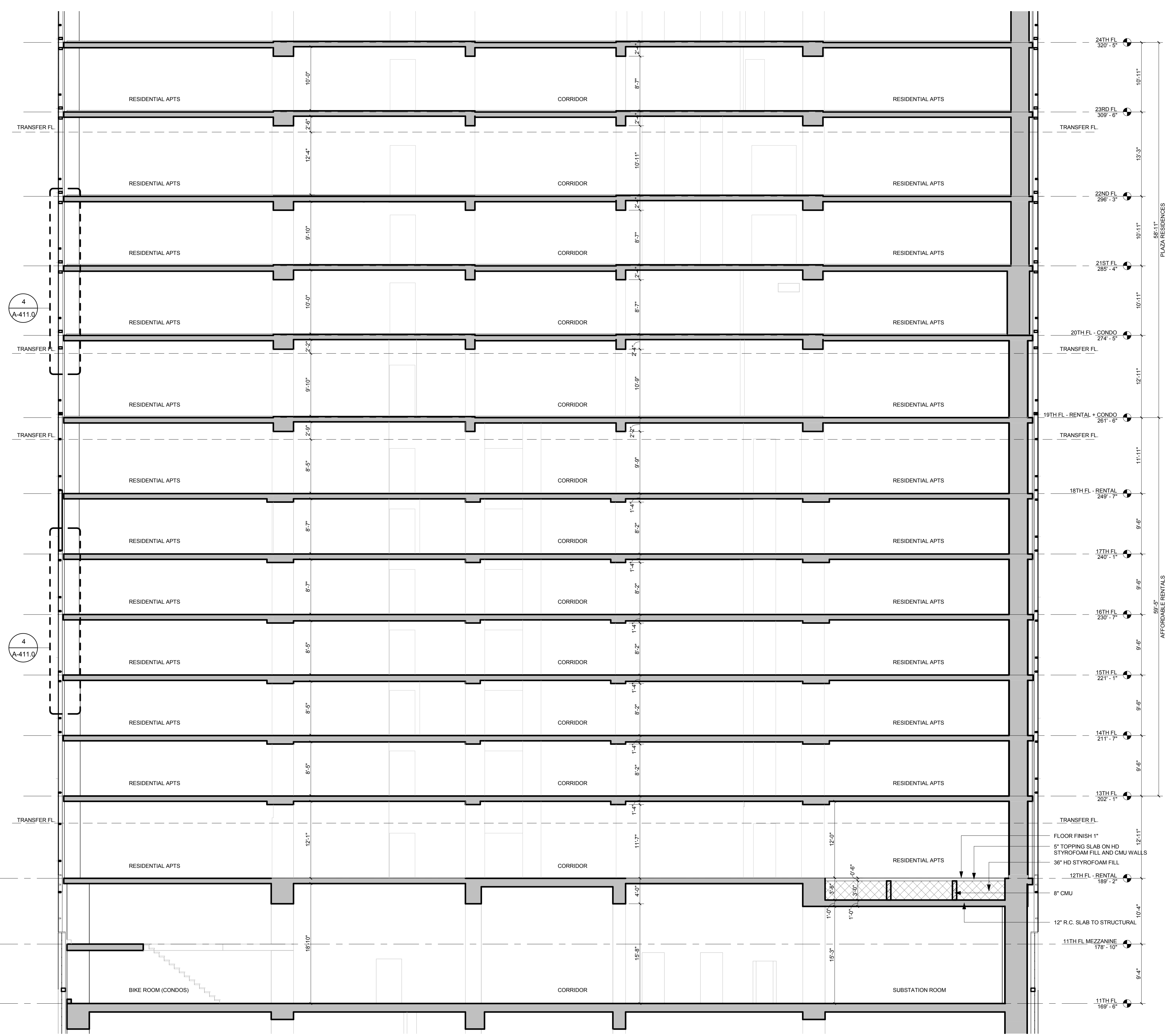
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**PROJECT NUMBER**

**TITLE**  
 ENLARGED PARTIAL SECTIONS 1  
 - LOW-RISE

**DRAWING NO.**  
**A-340.00**



**NORTH SOUTH LOW-RISE SECTION - 1** **2**  
 1/8" = 1'-0"

**EAST WEST LOW-RISE SECTION - 1** **1**  
 1/8" = 1'-0"

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
Jaros Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
LIVINGSTON, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10013  
T: 212.260-2270

**LANDSCAPE DESIGNER:**  
Nelson Byrd Woltz  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**KEY PLAN**

**ISSUE SET**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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EXTERIOR WALL 75% DD	09.05.2013
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FOUNDATION BID SET REV.1	05.20.2014
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DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**KEY PLAN**

**ISSUE SET**

**DATE**

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FOUNDATION BID SET REV.1	05.20.2014
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DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

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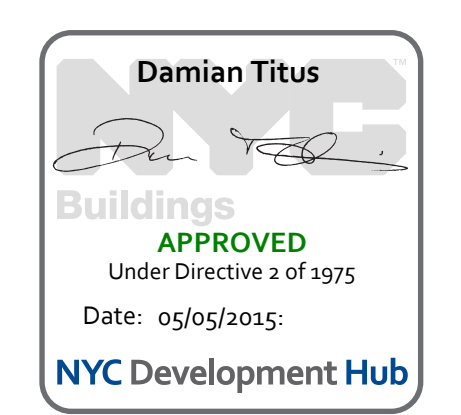
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**DRAWING SCALE**  
1/8" = 1'-0"

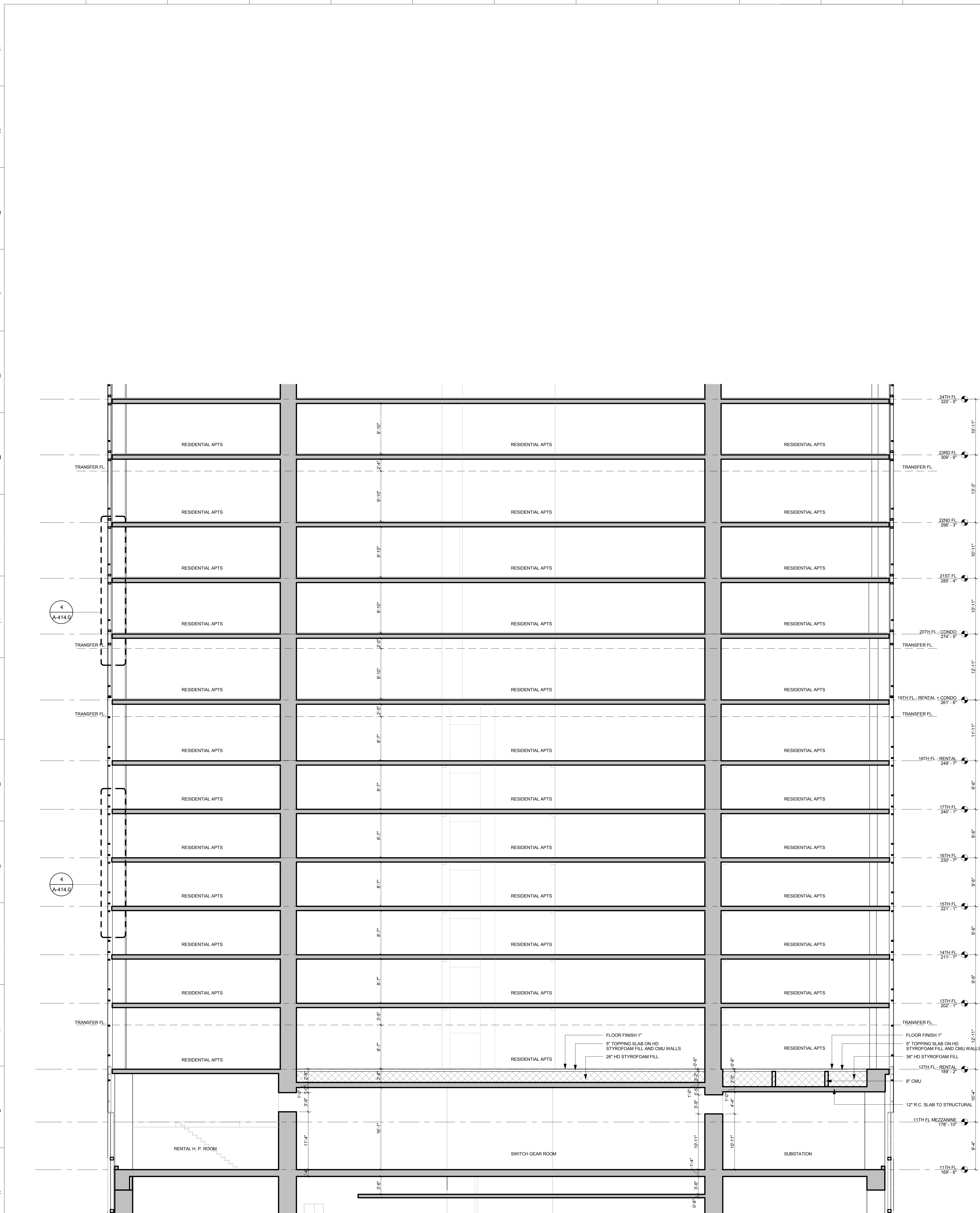
**PROJECT NUMBER**

**TITLE**  
ENLARGED PARTIAL SECTIONS 2  
- LOW-RISE

**DRAWING NO.**

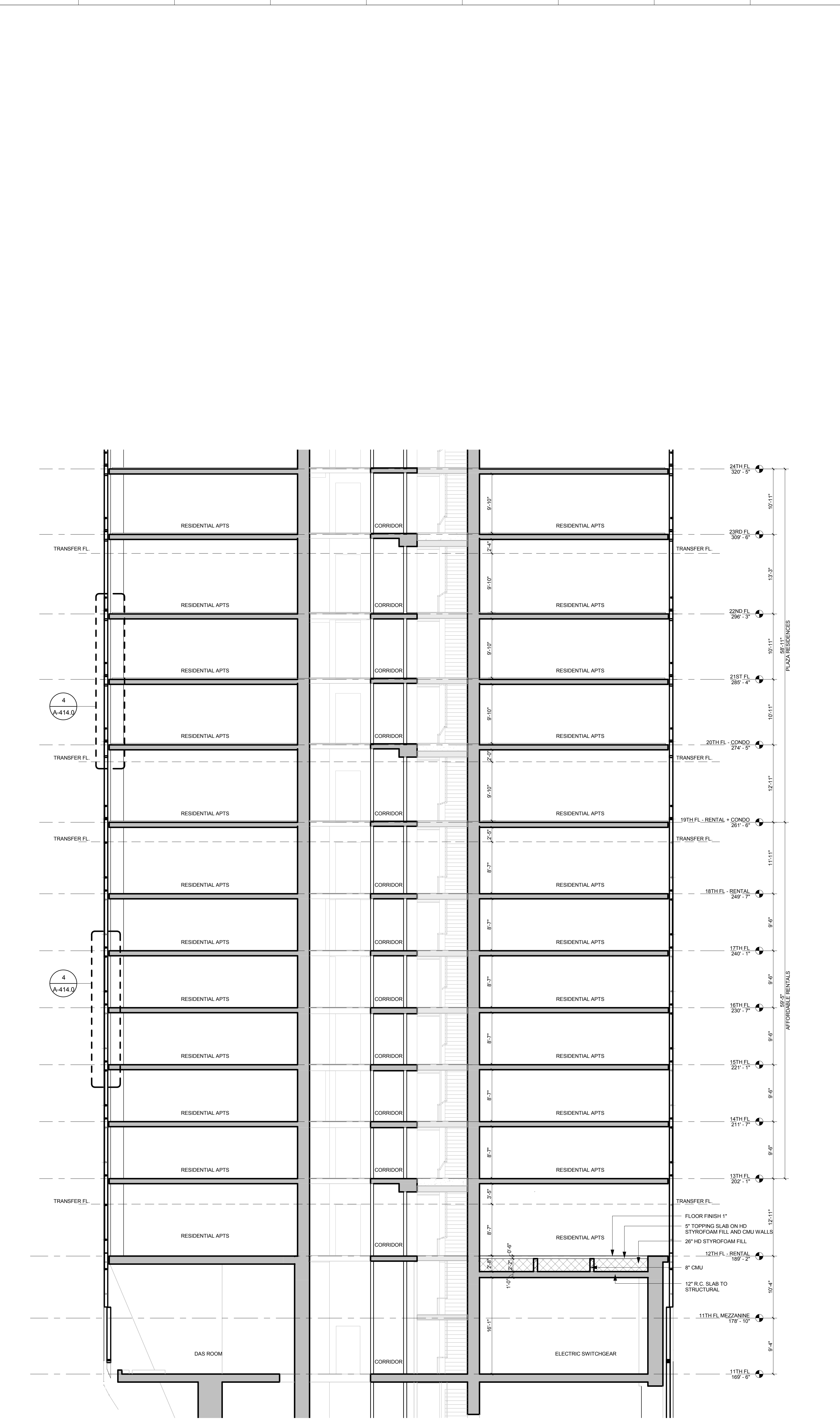


**A-341.00**



**NORTH SOUTH LOW-RISE SECTION - 2**

**2**  
1/8" = 1'-0"



**EAST WEST LOW-RISE SECTION - 2**

**1**  
1/8" = 1'-0"

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.269.7971

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9988

**MEP ENGINEER:**  
James Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10003  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.701-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.269-2270

**SHEET NOTES:**

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
REVISED SD ISSUE	05.06.2013
EXTERIOR WALL 75% DD	09.25.2013
EXTERIOR WALL PRELIM. BID	11.22.2013
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EXTERIOR WALL BID SET	01.27.2014
E.W. BID SET ADDENDUM 1	03.05.2014
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FOUNDATION BID SET REV. 1	05.20.2014
FINAL SD ISSUE - REVISED	08.28.2014
SUPERSTRUCTURE BID SET	11.17.2014
(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015

**STAMP**

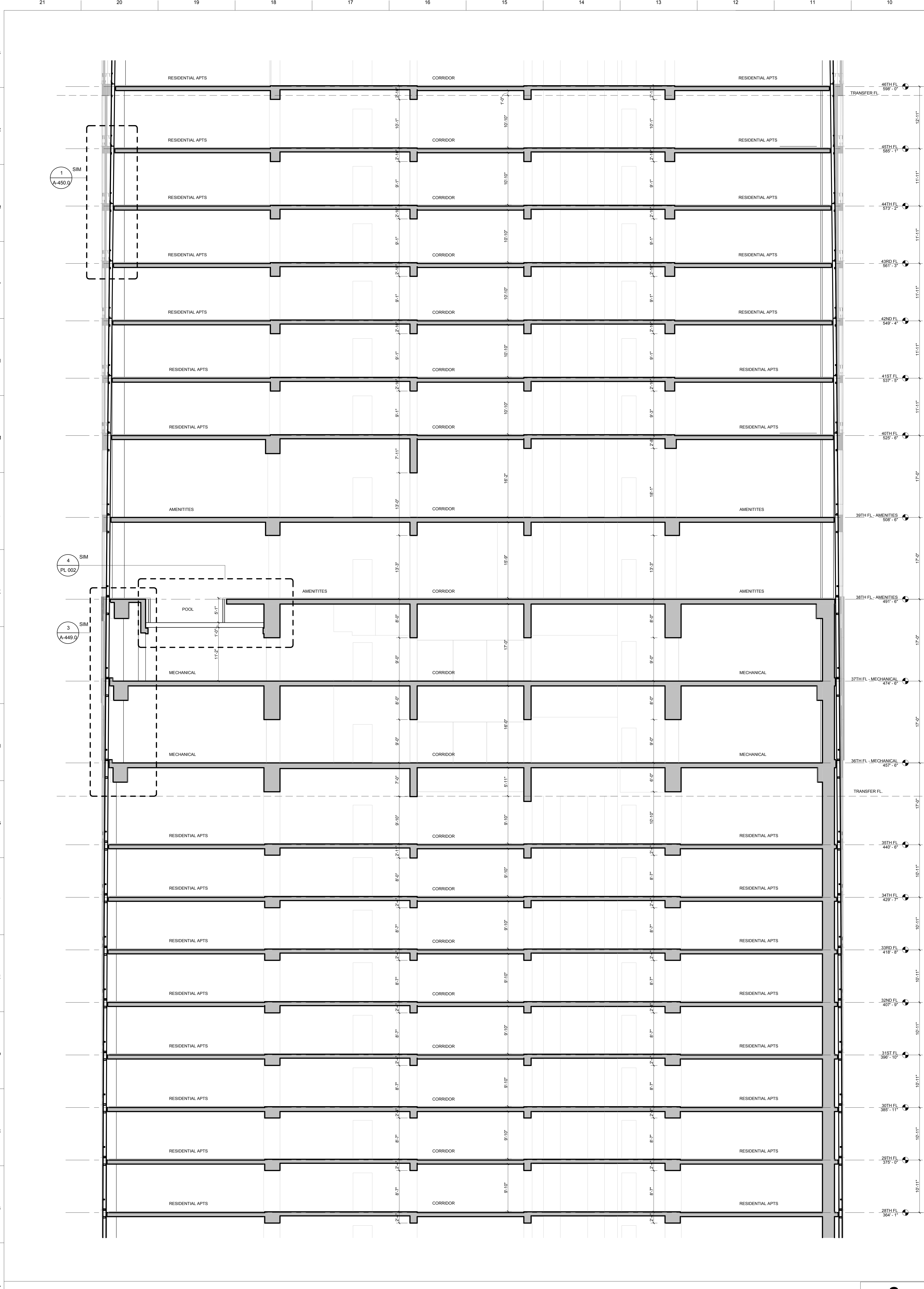
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**PROJECT NUMBER**

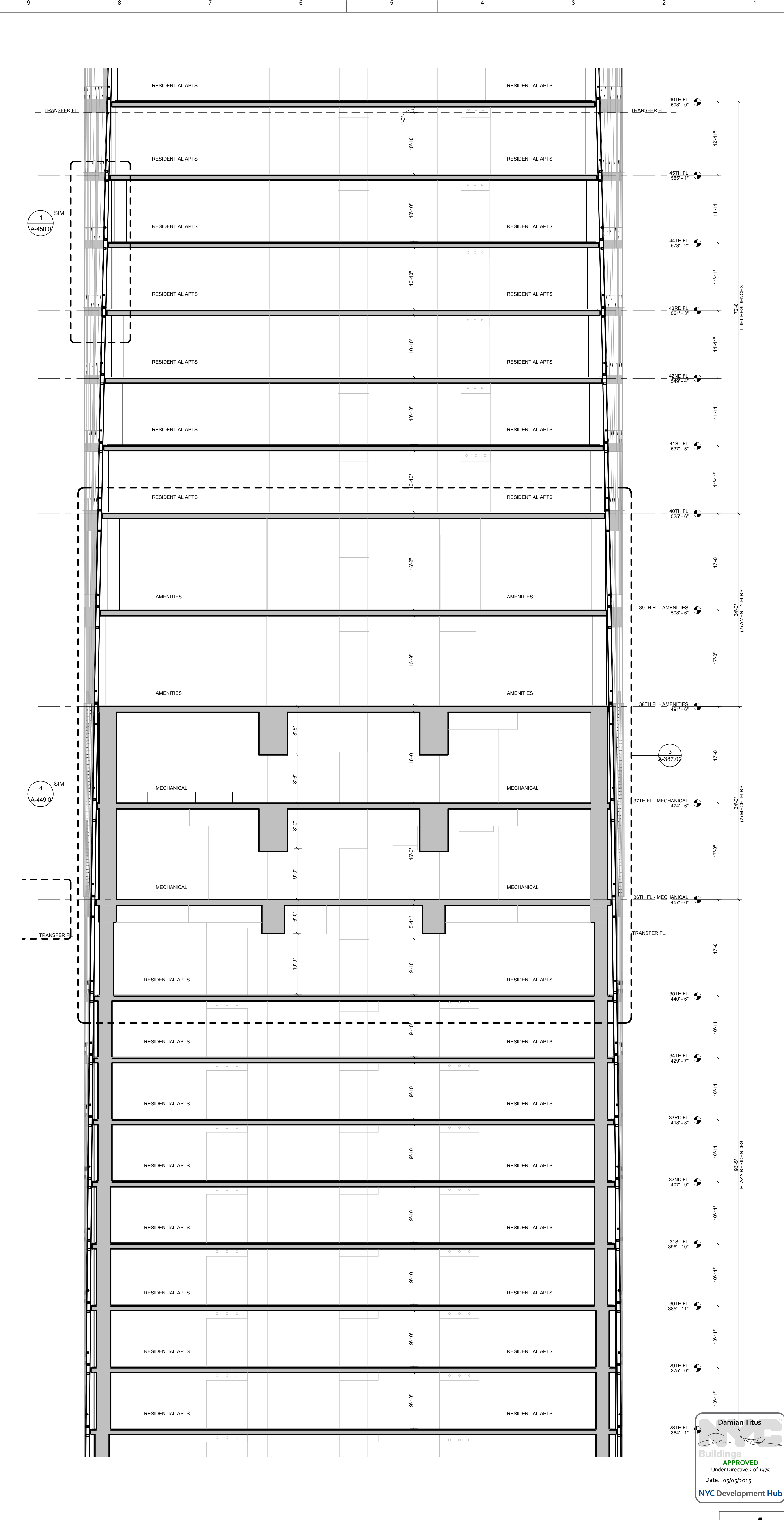
**TITLE**  
TOWER MID-LEVEL SECTIONS

**DRAWING NO.**  
A-342.00



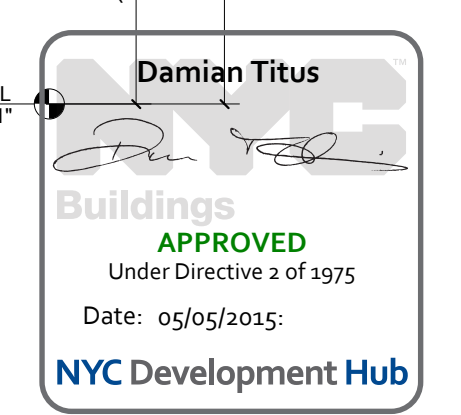
PARTIAL NORTH SOUTH SECTION-1 @TOWER MID-LEVEL

**2**  
1/8" = 1'-0"



PARTIAL EAST WEST SECTION-1 @TOWER MID-LEVEL

**1**  
1/8" = 1'-0"





**OWNER:**  
 Related Companies  
 60 Columbus Circle  
 New York, NY 10023  
 T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
 Jarmel Leyva Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.290.1444

**DESIGNER:**  
 Oller Scullion/Rainfo  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.260.7971

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212-463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinik  
 228 E 45th Street  
 New York, NY 10017  
 T: 212.697.9988

**MEP ENGINEER:**  
 Barco Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10005  
 T: 212-530-9300

**EXTERIOR WALL CONSULTANT:**  
 Israel Berger & Associates  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212-689-5398

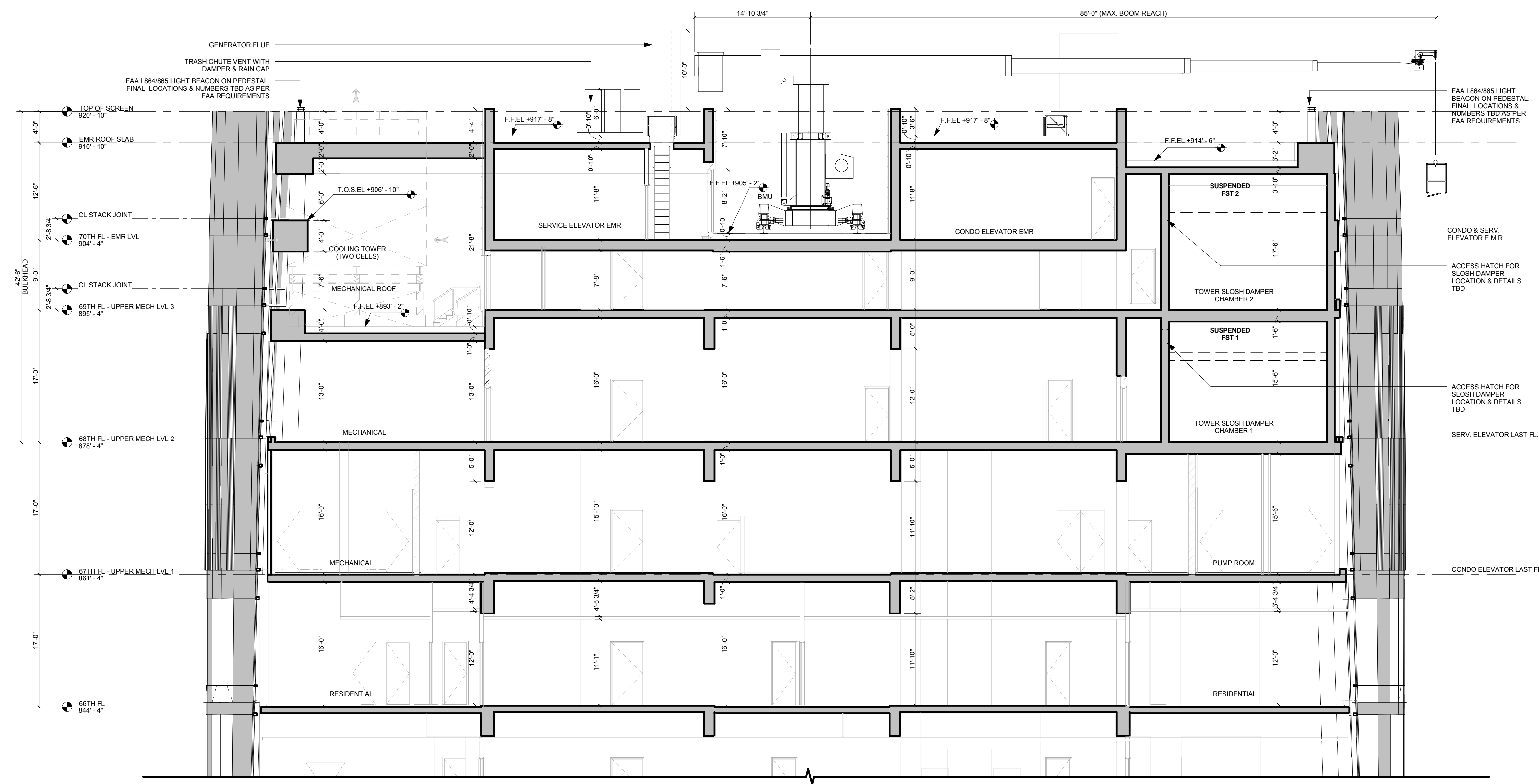
**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Viridian  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-259-1411

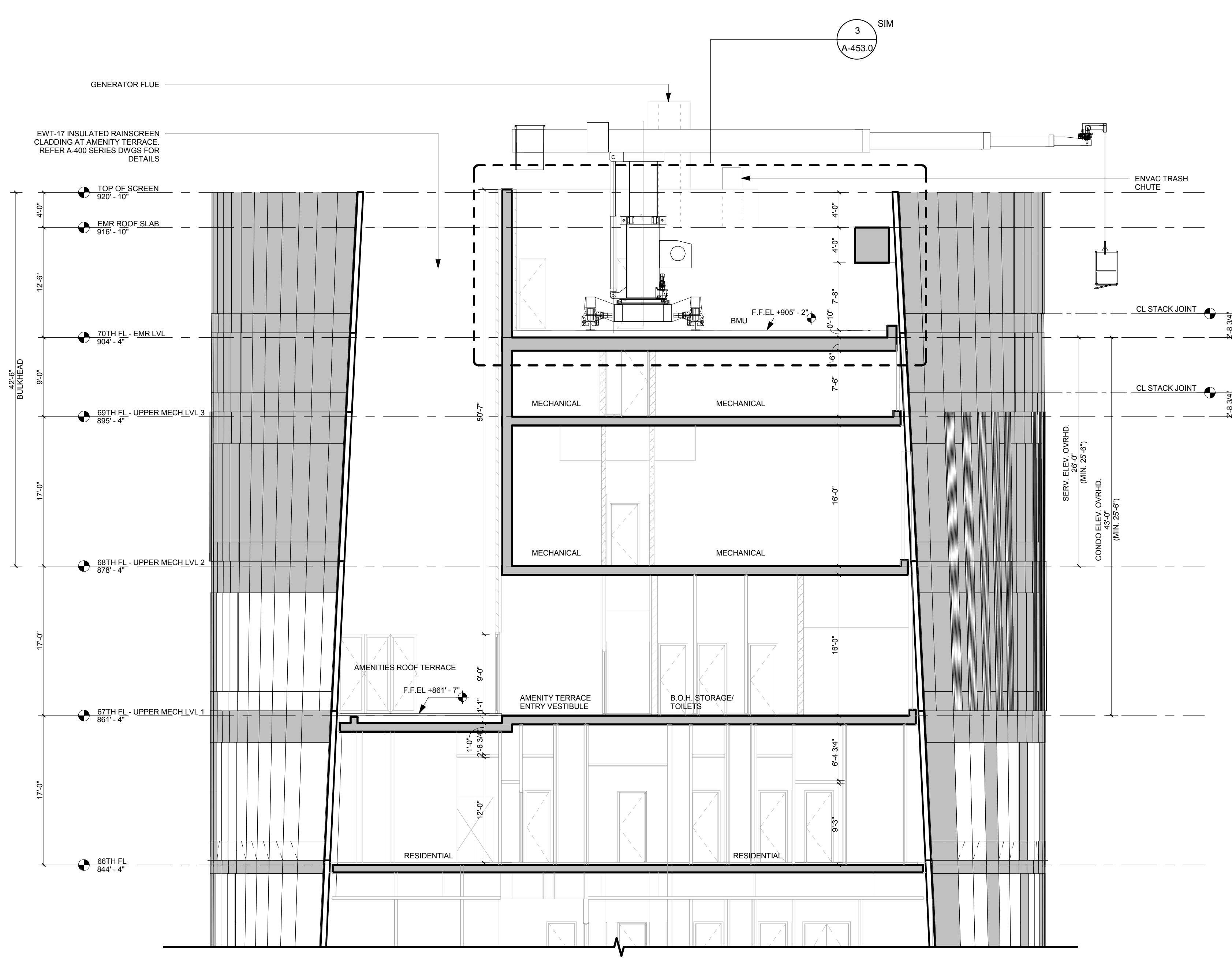
**ACOUSTICAL CONSULTANTS:**  
 GERAM & ASSOCIATES INC.  
 404 5th Ave. 8B  
 New York, NY 10018  
 T: 212-701-1776

**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 520  
 New York, NY 10003  
 T: 212-269-2270

**SHEET NOTES:**



**NORTH SOUTH ROOFTOP/ BULKHEAD SECTION - 1** **2**  
 1/8" = 1'-0"



**EAST WEST ROOFTOP/ BULKHEAD SECTION - 1** **1**  
 1/8" = 1'-0"

**KEY PLAN**

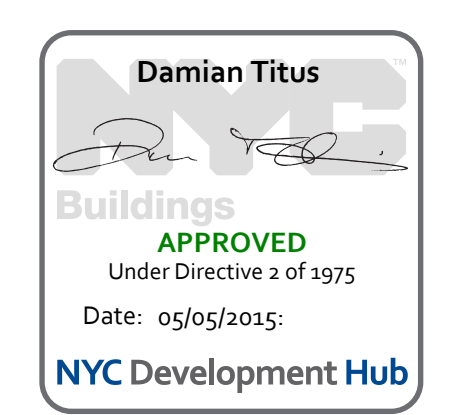
ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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(DD PHASE PROGRESS DWGS)	
DESIGN DEVELOPMENT SET	12.22.2014
UPDATED DOB SET	01.20.2015



**DATE OF PRINT:**  
 1/17/2015 7:31:44 PM

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

**PROJECT NUMBER:**



**TITLE:**  
 ROOFTOP/BULKHEAD SECTIONS

**DRAWING NO.:**  
**A-350.00**

**15 HUDSON YARDS**  
 a.k.a. 553 W 30TH STREET,  
 NEW YORK, NY.

**OWNER:**  
 Related Companies  
 60 Columbus Circle  
 New York, NY 10023  
 T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
 Jarmal Leyva Architects  
 48 West 37th Street  
 New York, NY 10018  
 T: 212.298.1444

**DESIGNER:**  
 Diller Scofidio+Renfro  
 601 West 26 Street-1815  
 New York, New York 10001  
 T: 212.269.7971

**DESIGNER:**  
 Rockwell Group  
 5 Union Square, West  
 New York, New York 10003  
 T: 212.463-0334

**STRUCTURAL ENGINEER:**  
 WSP Cantor Seinik  
 228 E 45th Street  
 New York, NY 10017  
 T: 212.697.9888

**MEP ENGINEER:**  
 James Baum & Bolles Consulting Engineers  
 80 Pine Street  
 New York, NY 10003  
 T: 212.530-9300

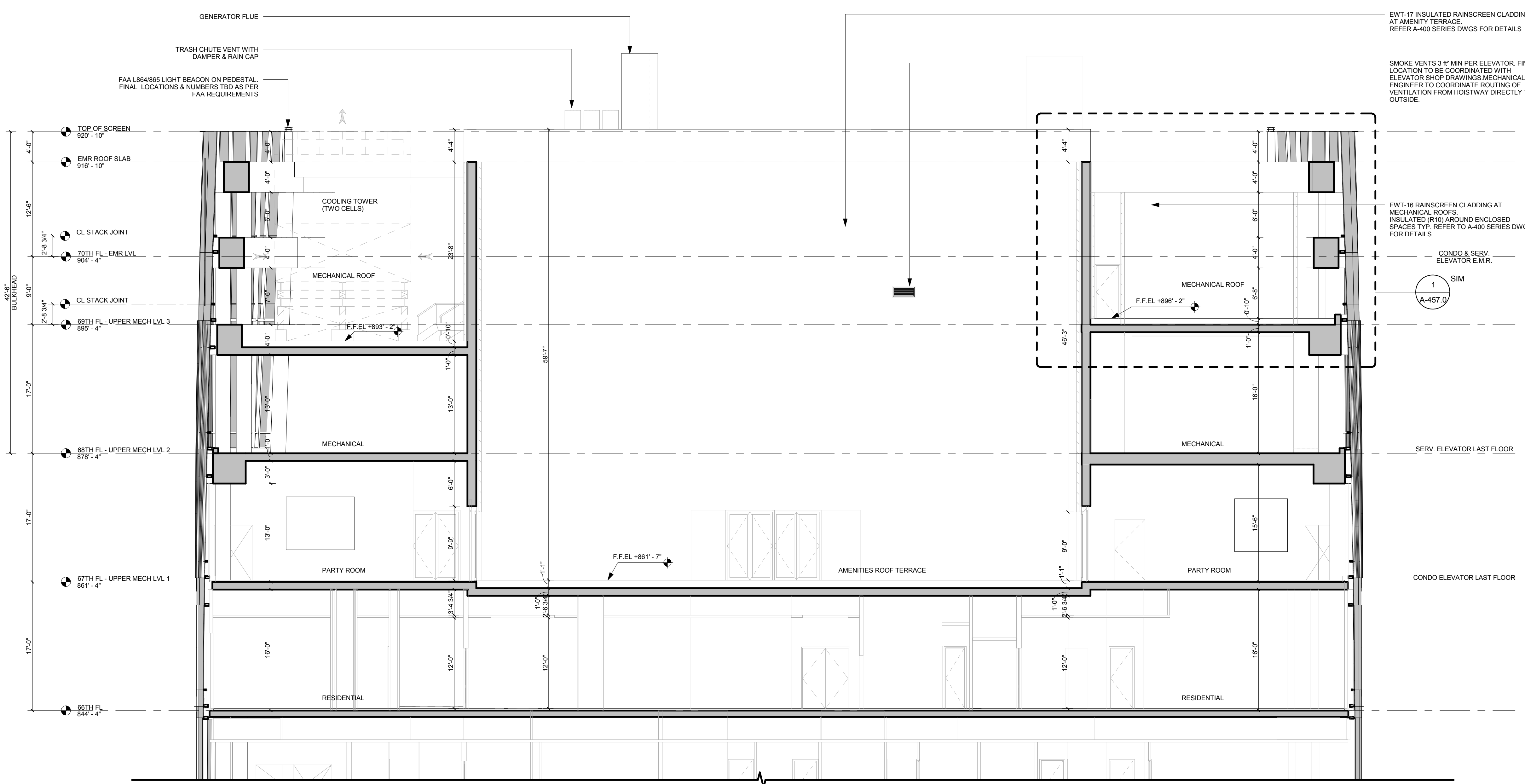
**EXTERIOR WALL CONSULTANT:**  
 Israel Berger & Associates  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
 VDA  
 5 Regent Street, Suite 524  
 Livingston, NJ 07039  
 T: 973-994-9220

**LEED CONSULTANT:**  
 Viridian  
 360 Park Avenue South, 15th Floor  
 New York, NY 10010  
 T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
 CERAMIC ASSOCIATES INC.  
 404 5th Ave. #8  
 New York, NY 10018  
 T: 212.701-1776

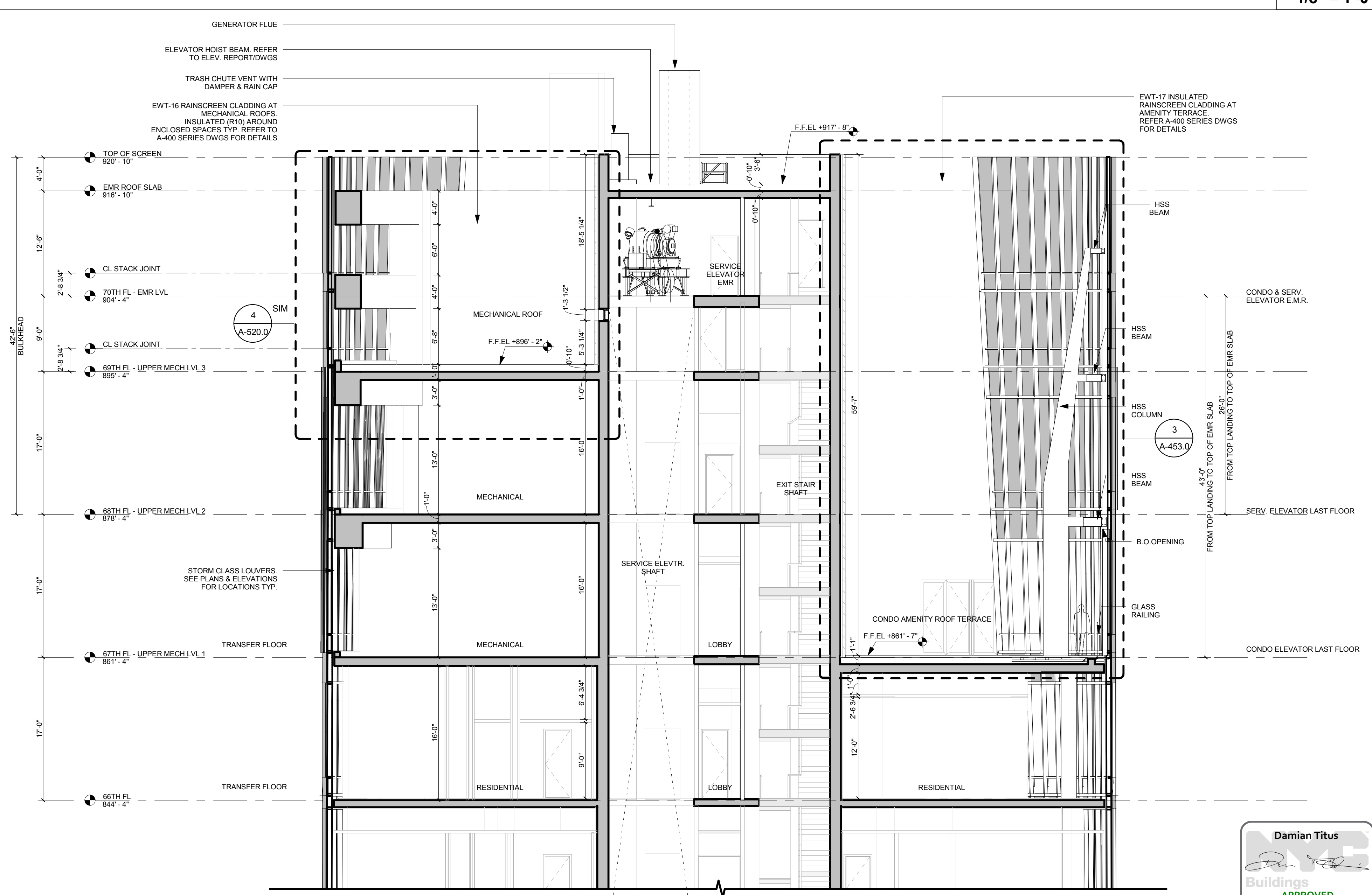
**LANDSCAPE DESIGNER:**  
 Nelson Byrd Woltz  
 200 Park Avenue South, Suite 920  
 New York, NY 10003  
 T: 212.269-2270



**NORTH SOUTH ROOFTOP / BULKHEAD SECTION - 2** **2**  
 1/8" = 1'-0"

**KEY PLAN**

ISSUE SET	DATE
SCHEMATIC DESIGN ISSUE	02.15.2013
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UPDATED DOB SET	01.20.2015



**EAST WEST ROOFTOP / BULKHEAD SECTION - 2** **1**  
 1/8" = 1'-0"

Damian Titus  
 BUILDINGS  
 APPROVED  
 Under Directive 2 of 1975  
 Date: 05/05/2015  
 NYC Development Hub



**DATE OF PRINT**  
 1/17/2015 7:32:00 PM

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

**PROJECT NUMBER**

**TITLE**  
 ROOFTOP/BULKHEAD SECTIONS

**DRAWING NO.**

**A-351.00**

**OWNER:**  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
T: 212.801.1000

**EXECUTIVE ARCHITECT:**  
Jamael Leyva Architects  
48 West 37th Street  
New York, NY 10018  
T: 212.290.1444

**DESIGNER:**  
Diller Scofidio+Renfro  
601 West 26 Street-1815  
New York, New York 10001  
T: 212.260.7071

**DESIGNER:**  
Rockwell Group  
5 Union Square, West  
New York, New York 10003  
T: 212.463-0334

**STRUCTURAL ENGINEER:**  
WSP Cantor Seinuk  
228 E 45th Street  
New York, NY 10017  
T: 212.697.9888

**MEP ENGINEER:**  
Janos Baum & Bolles Consulting Engineers  
80 Pine Street  
New York, NY 10005  
T: 212.530-9300

**EXTERIOR WALL CONSULTANT:**  
Israel Berger & Associates  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 212.689-5398

**VERTICAL TRANSPORTATION:**  
VDA  
5 Regent Street, Suite 524  
Livingston, NJ 07039  
T: 973-994-9220

**LEED CONSULTANT:**  
Viridian  
360 Park Avenue South, 15th Floor  
New York, NY 10010  
T: 203-299-1411

**ACOUSTICAL CONSULTANTS:**  
GERAM & ASSOCIATES INC.  
404 5th Ave. #8  
New York, NY 10018  
T: 212.370-1776

**LANDSCAPE DESIGNER:**  
Nelson Byrd Wolfe  
200 Park Avenue South, Suite 520  
New York, NY 10003  
T: 212.260-2270

**KEY PLAN**

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FINAL SD ISSUE - REVISED	08.25.2014
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**DRAWING SCALE**  
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**PROJECT NUMBER**

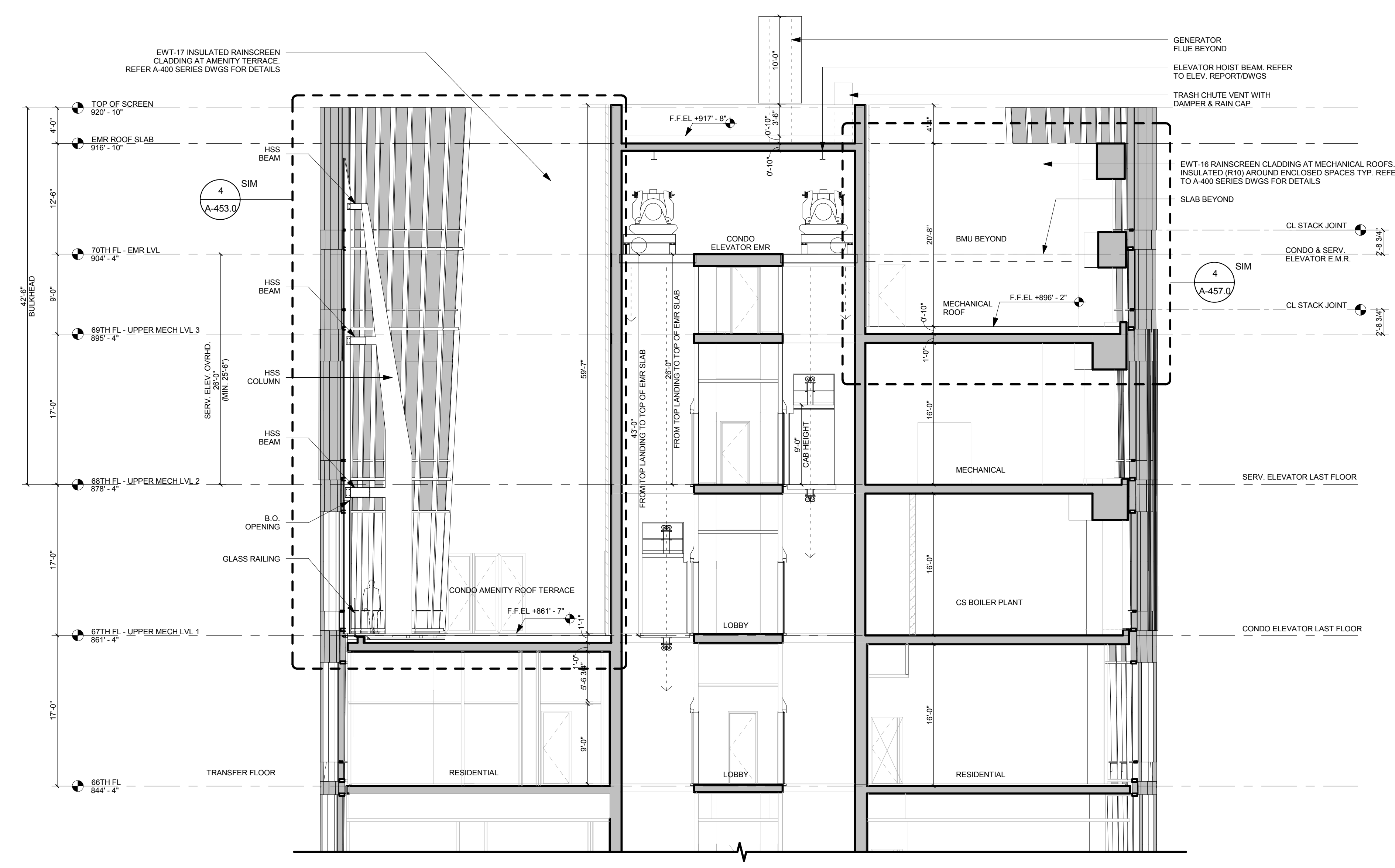
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ROOFTOP/BULKHEAD SECTIONS

**DRAWING NO.**

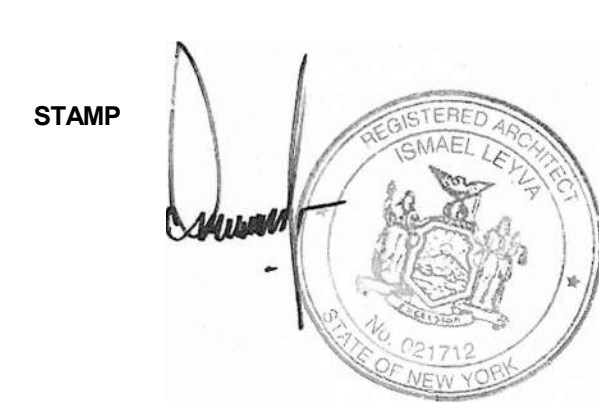
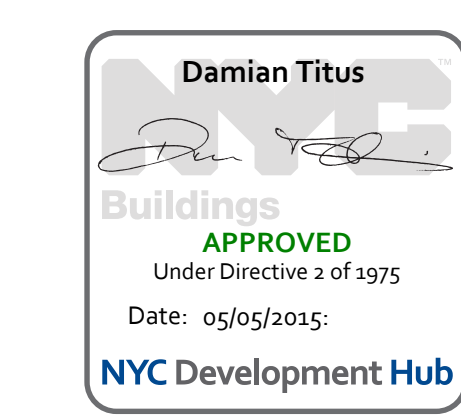
**A-352.00**

**1**

**1/8" = 1'-0"**



**EAST WEST ROOFTOP/ BULKHEAD SECTION - 3**



**DATE OF PRINT**  
1/17/2015 7:32:13 PM

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

**PROJECT NUMBER**

**TITLE**  
ROOFTOP/BULKHEAD SECTIONS

**DRAWING NO.**

**A-352.00**