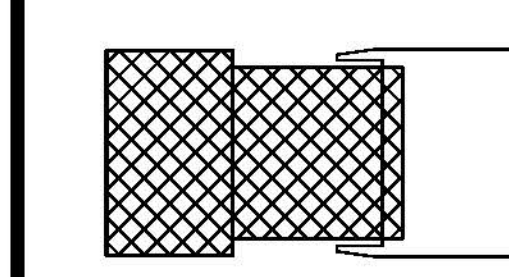


GENERAL NOTES

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The geometry created by the intersecting main verticals and diagonals shall be in accordance with the 3D model and follow, as a minimum, the quality exhibited in the approved mock-up. The general concept is that edges flow smoothly and continuously between the straight edge of a diagonal through a curve to the adjacent edge of the vertical and the interlying surfaces between these edges are blended and contoured to define a smooth, uninterrupted transition.
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KEY PLAN



ISSUE	PRINTING	DATE
61	50	DOB AMENDMENT 7 06.18.2016
46	33	DOB AMENDMENT 5 04.28.2016
13	13	DOB AMENDMENT 1 08.20.2015
10	4	100% CONSTRUCTION DOCUMENTS 03.18.2015
9	9	90% CONSTRUCTION DOCUMENTS 02.18.2015
6	6	PRELIMINARY DOB SUBMISSION 12.02.2014
2	2	90% CONSTRUCTION DOCUMENTS 08.18.2014
1	1	ADV. PROCUREMENT BID SET 06.18.2014

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DRAWN BY
MO

CHECKED BY
CR

PROJECT NUMBER
11017

TITLE
Axonometrics
Deployable Shed

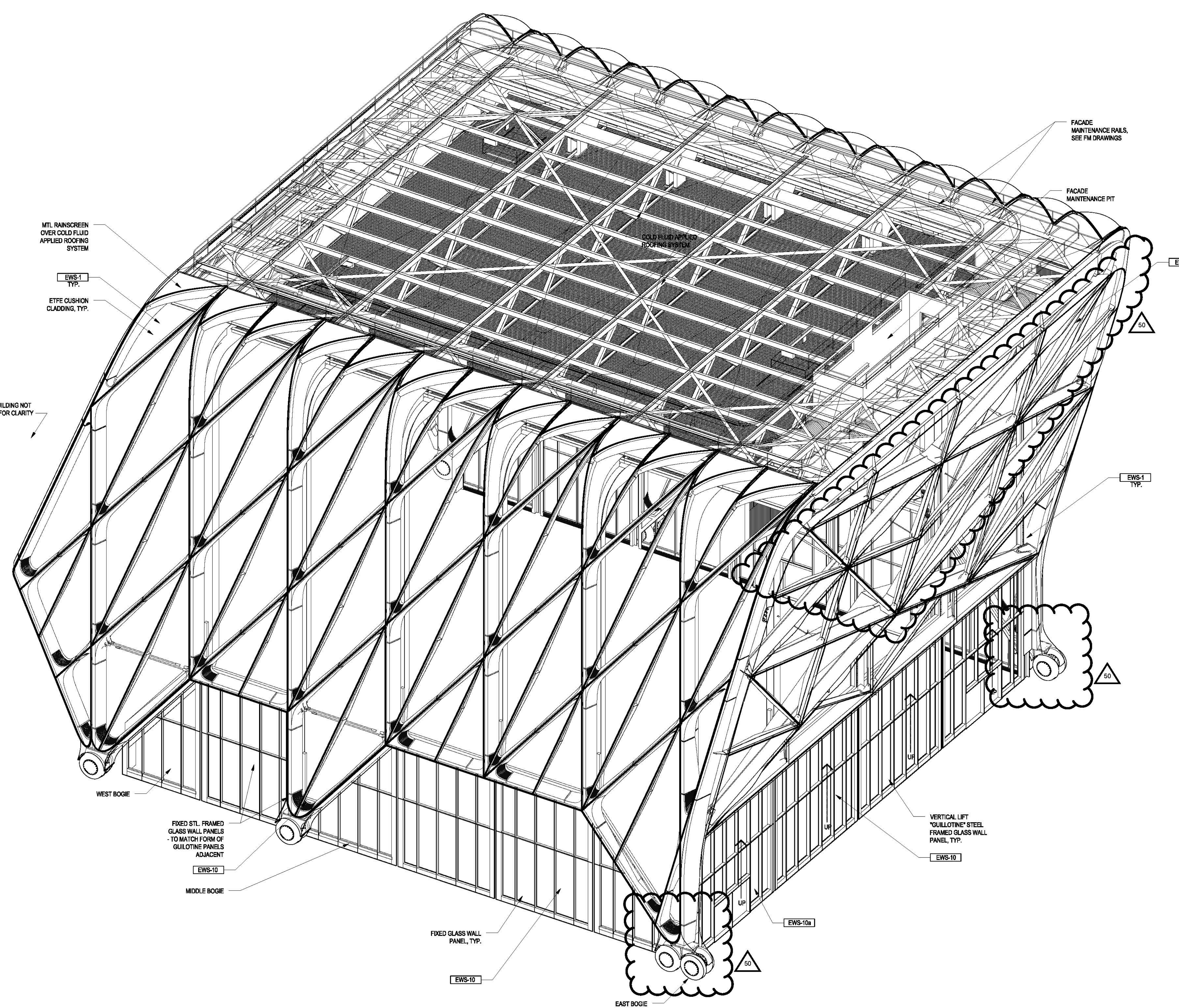
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DRAWING NO.
A-500.00

B-SCAN NO.

A-500.01

1 of 100



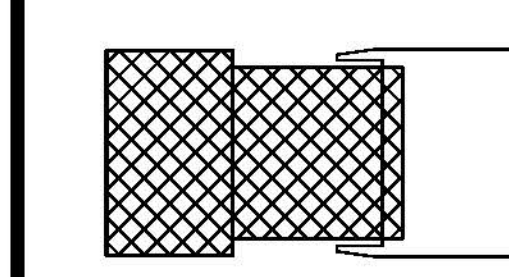
Damian Titus

APPROVED
Under Directive 1 of 1995
ADMINISTRATIVE
Date: 06/18/2016
NYC Development Hub

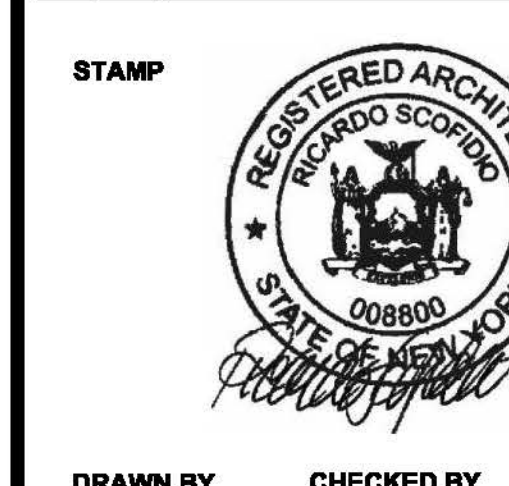
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KEY PLAN



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12	4	100% CONSTRUCTION DOCUMENTS 03.18.2015
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6		PRELIMINARY DOB SUBMISSION 12.10.2014
2		90% CONSTRUCTION DOCUMENTS 08.18.2014
1		ADV. PROCUREMENT BID SET 08.18.2014



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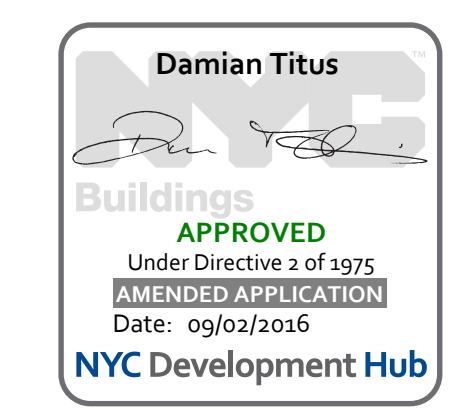
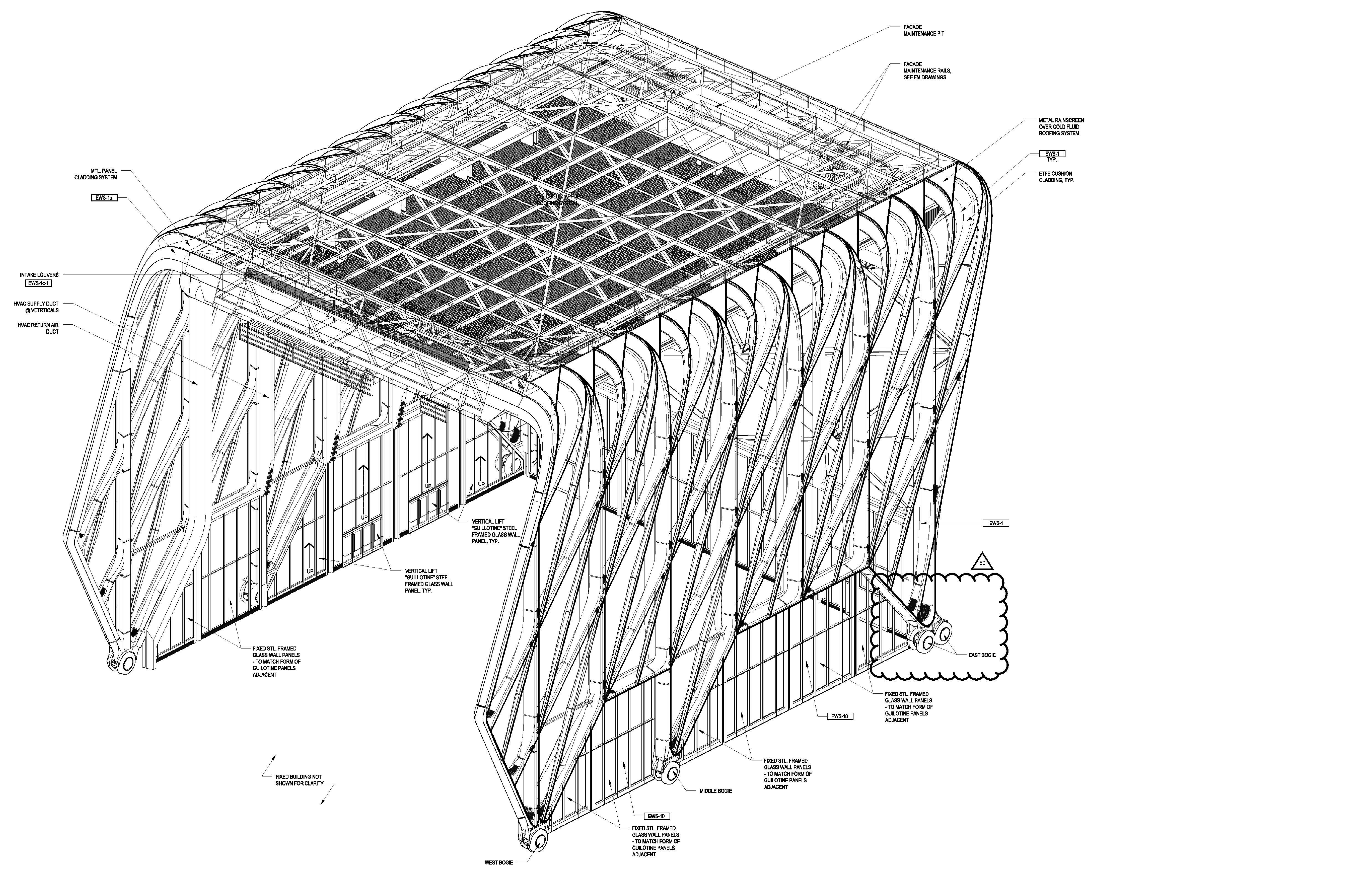
TITLE
Axonometrics
Deployable Shed

SCALE: NTS

DRAWING NO.
A-501.00

B-SCAN NO.
A-501.01

1 of 100



LEGEND

EWS-1c
Insulated ptd Structural Steel Cladding

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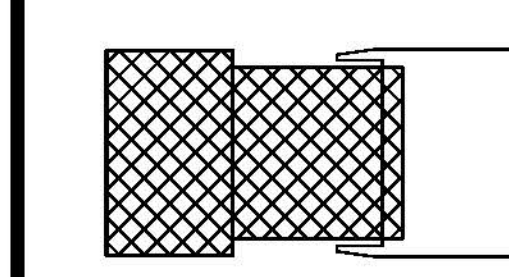
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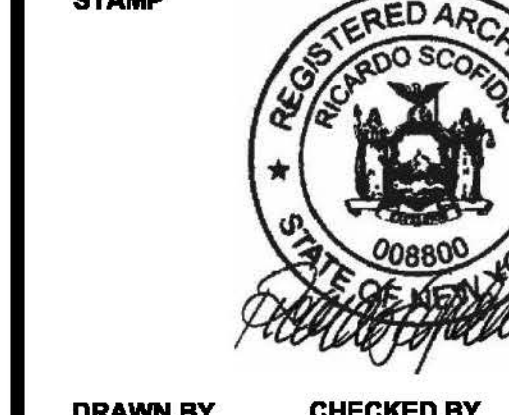
KEY PLAN



ISSUE/PRINTING DATE

Table with 3 columns: Issue/Printing, Date. Rows include DOB AMENDMENT 7 (08.18.2016), DOB AMENDMENT 5 (04.28.2016), DOB AMENDMENT 1 (08.23.2015), 100% CONSTRUCTION DOCUMENTS (03.18.2015), 90% CONSTRUCTION DOCUMENTS (02.18.2015), PRELIMINARY DOB SUBMISSION (12.23.2014), 50% CONSTRUCTION DOCUMENTS (08.19.2014), ADV. PROCUREMENT BID SET (06.18.2014).

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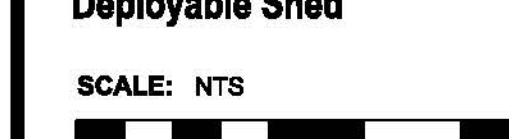


DRAWN BY: MO, CHECKED BY: CR

PROJECT NUMBER: 11017

TITLE: Axonometrics Deployable Shed

SCALE: NTS



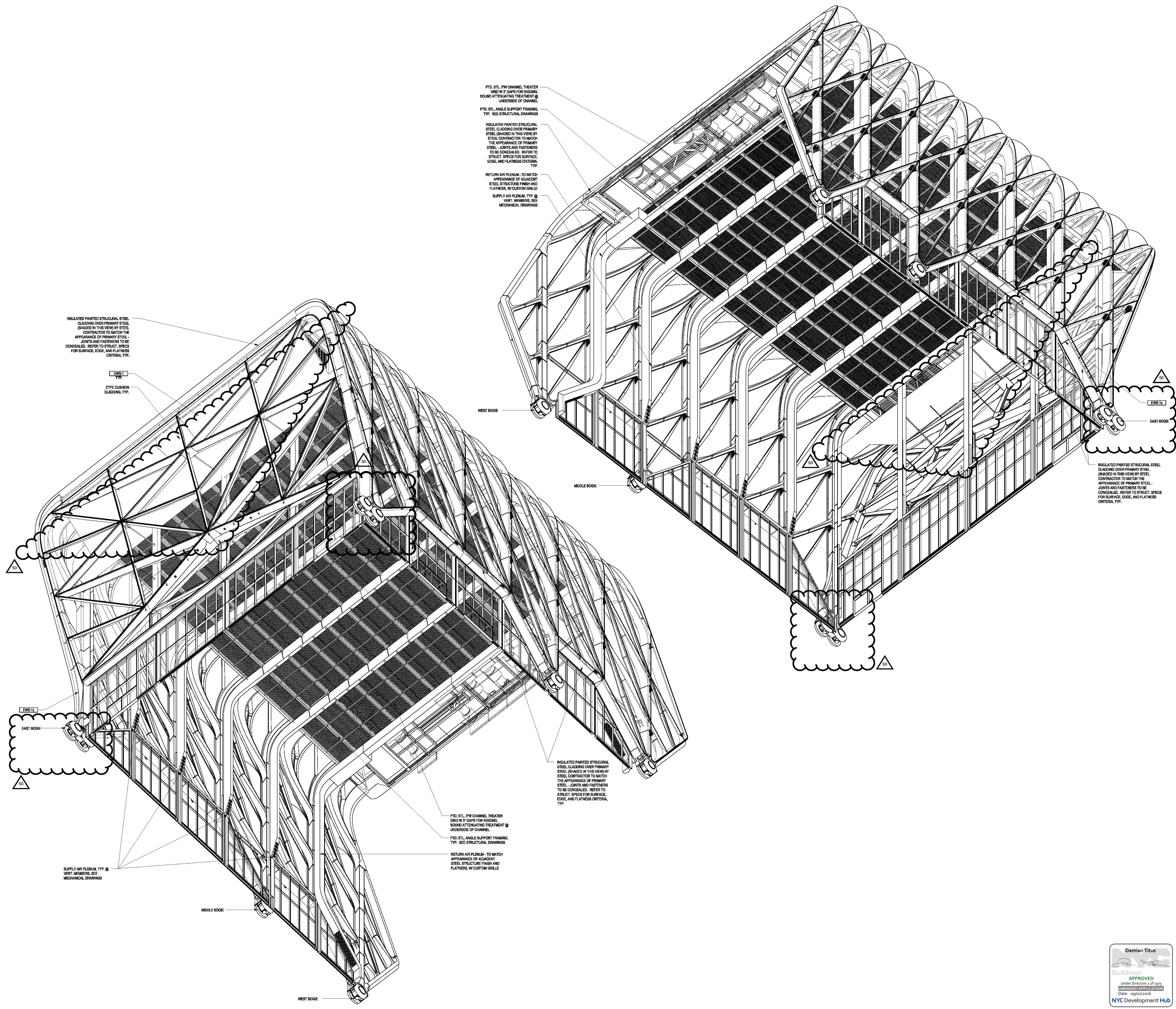
DRAWING NO. A-502.00

B-SCAN NO.

A-502.01

1 of 100

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PTD. STL. 1/2" CHANNEL THEATER GRID W/ 7" GAPS FOR ROOFING, SOUND ATTENUATING TREATMENT @ UNDERSIDE OF CHANNEL
PTD. STL. ANGLE SUPPORT FRAMING, TYP. SEE STRUCTURAL DRAWINGS
INSULATED PAINTED STRUCTURAL STEEL CLADDING OVER PRIMARY STEEL. SHADEN IN THIS VIEW BY STEEL CONTRACTOR TO MATCH THE APPEARANCE OF PRIMARY STEEL. JOINTS AND FASTENERS TO BE CONCEALED. REFER TO STRUCT. SPECS FOR SURFACE, EDGE, AND FLATNESS CRITERIA, TYP.
RETURN AIR PLenum TO MATCH APPEARANCE OF ADJACENT STEEL. STRUCTURE FINISH AND FLATNESS, W/ CUSTOM GRILLE
SUPPLY AIR PLenum, TYP. @ VERT. MEMBERS, SEE MECHANICAL DRAWINGS

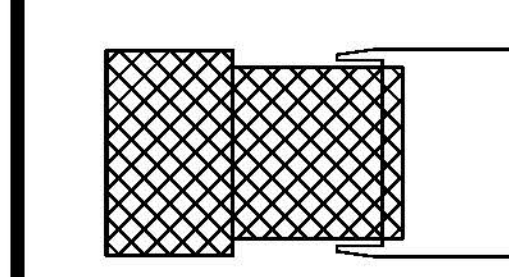
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ETFE CURTAIN CLADDING, TYP.

EWS-1c
EAST BOGE

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PTD. STL. ANGLE SUPPORT FRAMING, TYP. SEE STRUCTURAL DRAWINGS
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SUPPLY AIR PLenum, TYP. @ VERT. MEMBERS, SEE MECHANICAL DRAWINGS

SHED 3D - AXON VIEW - EXTENT OF CLADDING DIAGRAM
GUILLOTINE DOORS AND FIXED GLAZING OMITTED FOR CLARITY

1
NTS



ISSUE	PRINTING	DATE
61	50 DOB AMENDMENT 7	06.18.2016
46	33 DOB AMENDMENT 5	04.28.2016
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6	PRELIMINARY DOB SUBMISSION	12.16.2014
2	50% CONSTRUCTION DOCUMENTS	08.18.2014
1	ADV. PROCUREMENT BID SET	06.18.2014

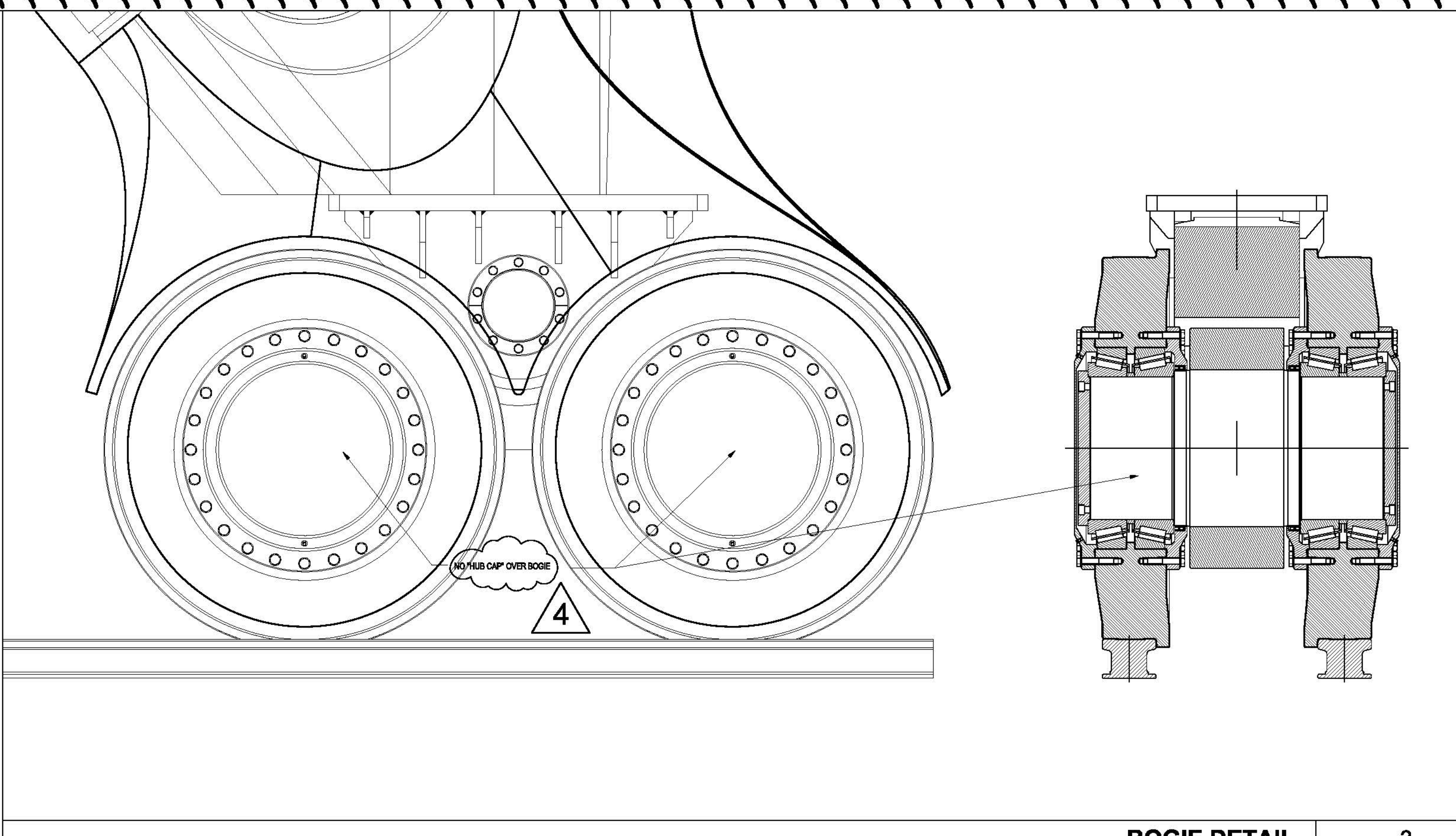


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PROJECT NUMBER: 11017

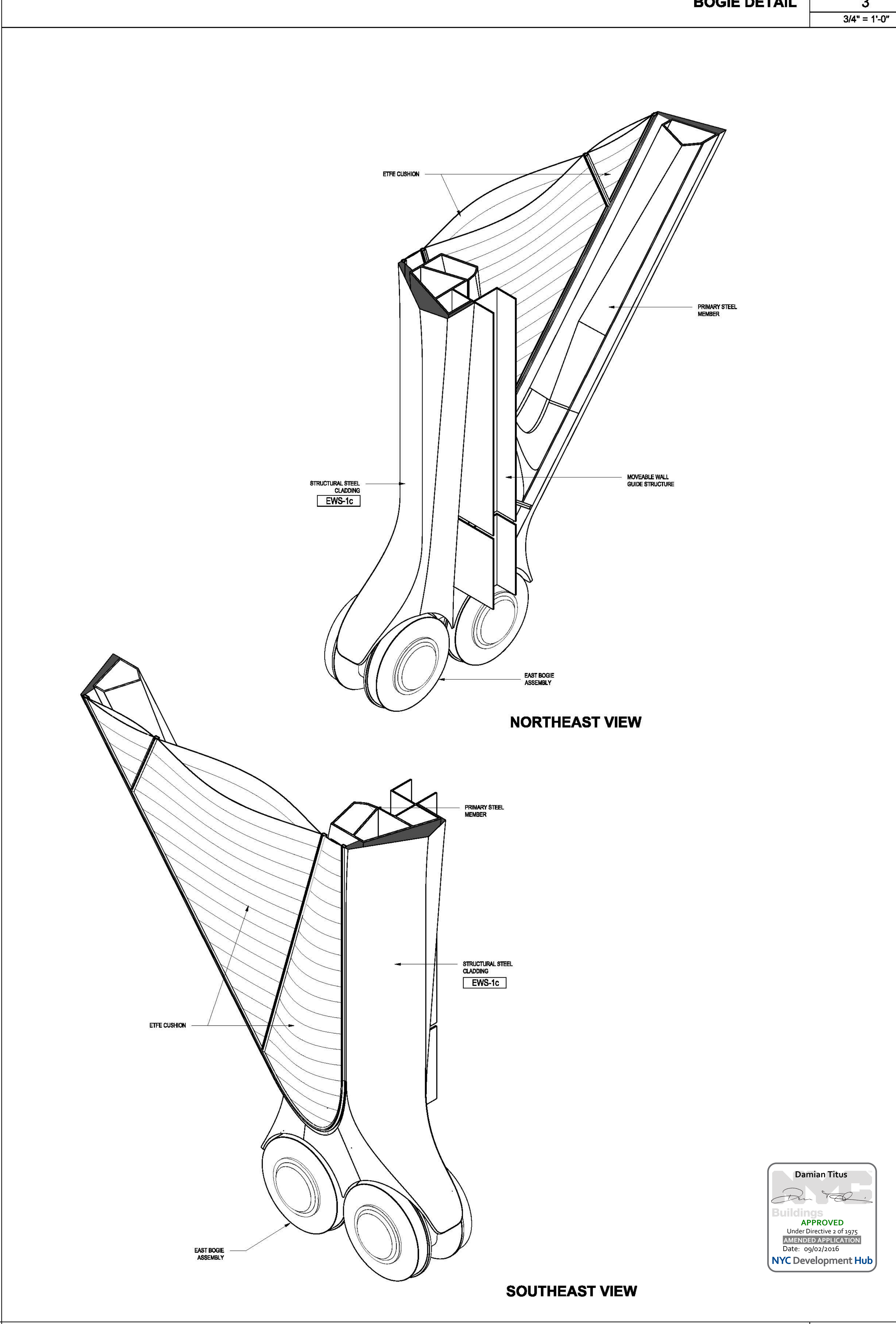
TITLE: East Bogle Axonometric Views

SCALE: NTS
DRAWING NO. A-505.00

B-SCAN NO. A-505.01



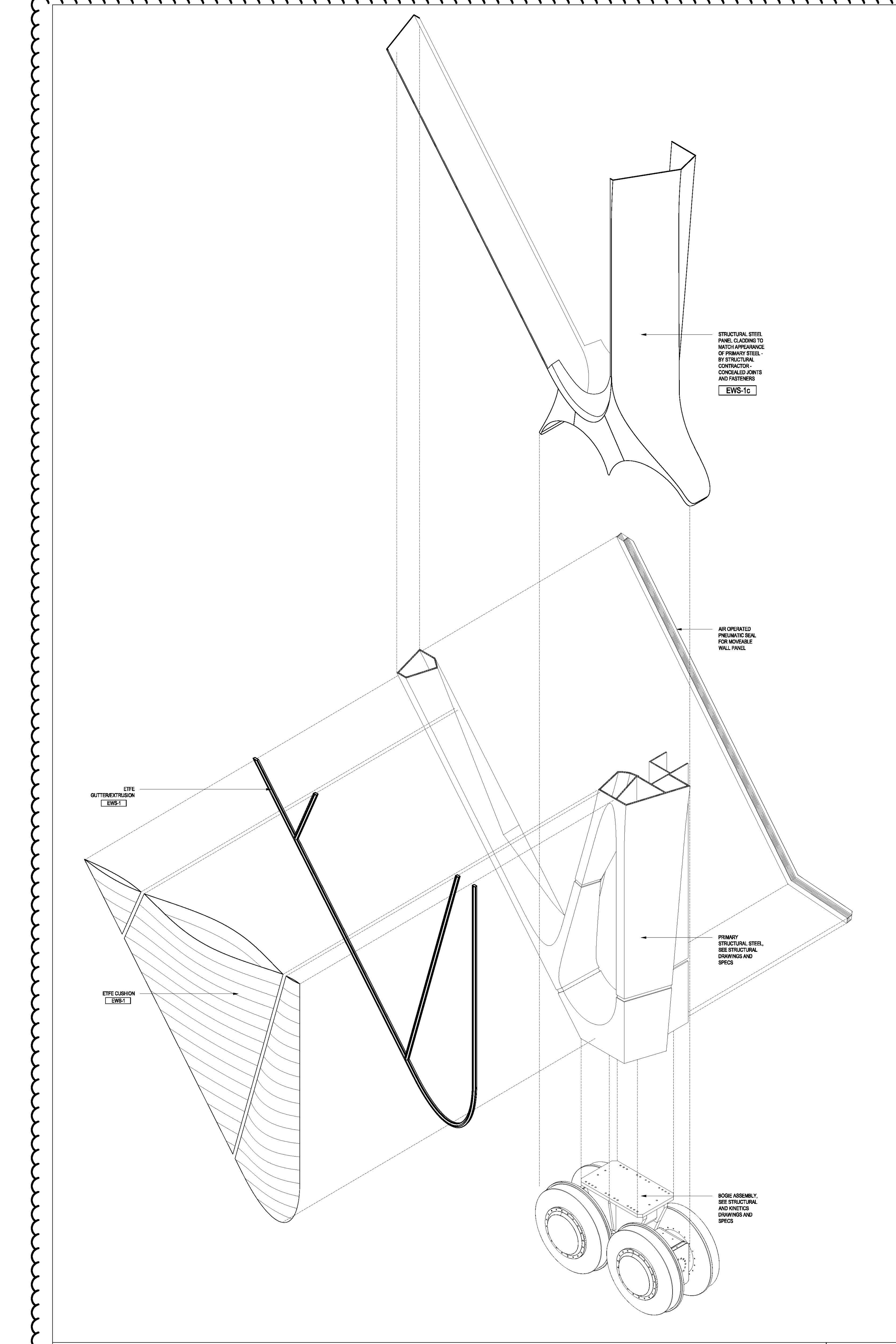
BOGIE DETAIL 3
3/4" = 1'-0"



NORTHEAST VIEW

SOUTHEAST VIEW

EAST BOGIE AXONOMETRIC VIEWS 2
NTS



EAST BOGIE EXPLODED AXONOMETRIC VIEW 1
NTS

STRUCTURAL STEEL PANEL CLADDING TO MATCH APPEARANCE OF PRIMARY STEEL BY STRUCTURAL CONTRACTOR - CONCEALED JOINTS AND FASTENERS EWS-1c

AIR OPERATED PNEUMATIC SEAL FOR MOVABLE WALL PANEL

PRIMARY STRUCTURAL STEEL SEE STRUCTURAL DRAWINGS AND SPECS

BOGIE ASSEMBLY SEE STRUCTURAL AND KINETICS DRAWINGS AND SPECS

ETE CUSHION

STRUCTURAL STEEL CLADDING EWS-1c

ETE CUSHION EWS-1

STRUCTURAL STEEL CLADDING EWS-1c

ETE CUSHION

EAST BOGIE ASSEMBLY

4

3/4" = 1'-0"

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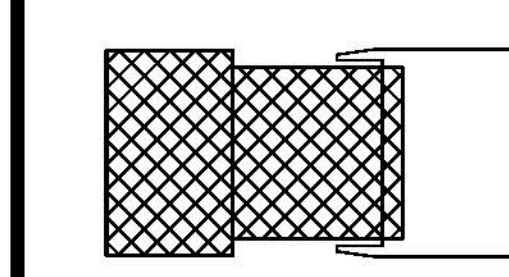
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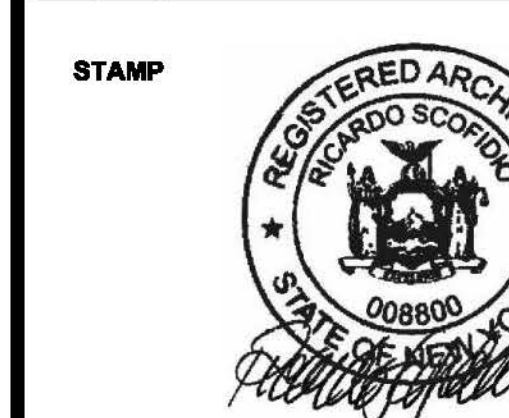
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KEY PLAN



ISSUE/PRINTING DATE

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2	80% CONSTRUCTION DOCUMENTS	06.18.2014
1	ADV. PROCUREMENT BID SET	06.18.2014



DRAWN BY: MO CHECKED BY: CB
PROJECT NUMBER: 11017

TITLE: EXTERIOR ELEVATION - SOUTH

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

DRAWING NO. A-507.00

B-SCAN NO. A-507.01

1 of 100

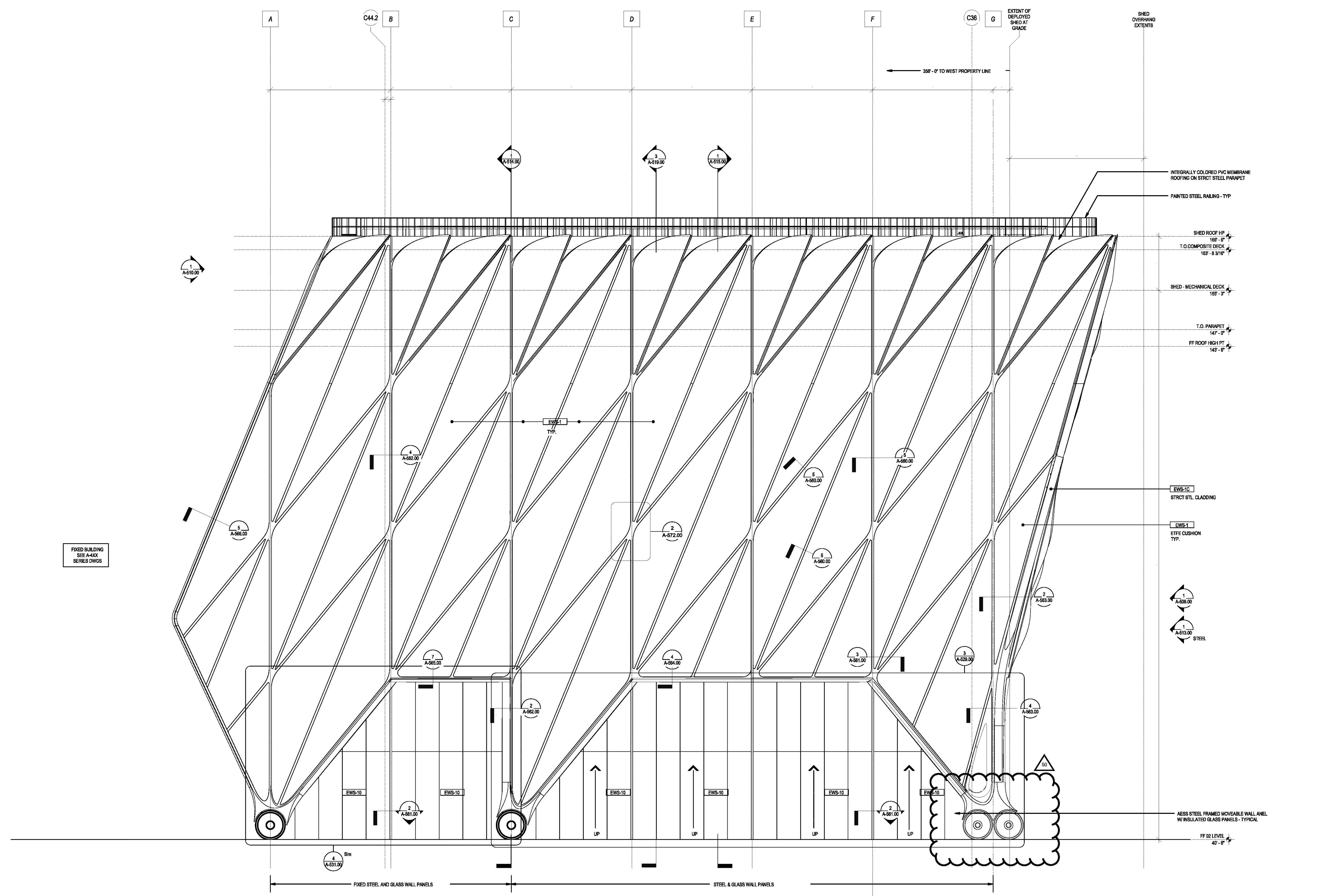
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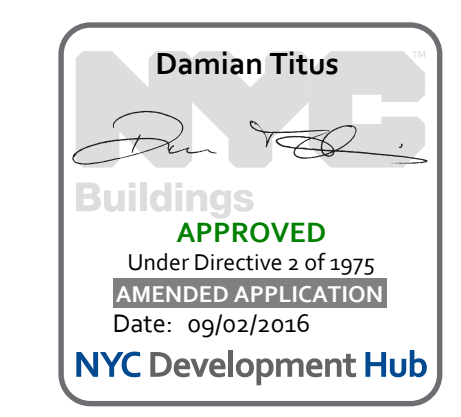
- EXTENT OF DEPLOYED SHED AT GRADE
- SHED OVERHANG EXTENTS
- INTEGRALLY COLORED PVC MEMBRANE ROOFING ON STRUCT STEEL PARAPET
- PAINTED STEEL RAILING - TYP
- SHED ROOF HP 16" x 16"
- T.O. COMPOSITE DECK 16" x 8 3/16"
- SHED - MECHANICAL DECK 16" x 3"
- T.O. PARAPET 14" x 3"
- FF ROOF MECH HP 14" x 6"
- EWS-1C STRUCT STL. CLADDING
- EWS-1 ETFE CUSHION TYP.
- EWS-2O AESS STEEL FRAMED MOVABLE WALL PANEL W/ INSULATED GLASS PANELS - TYPICAL
- FF 02 LEVEL 40' - 0"

GENERAL NOTES

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SHED ELEVATION - SOUTH STEEL 1
1/8" = 1'-0"



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SECURITY
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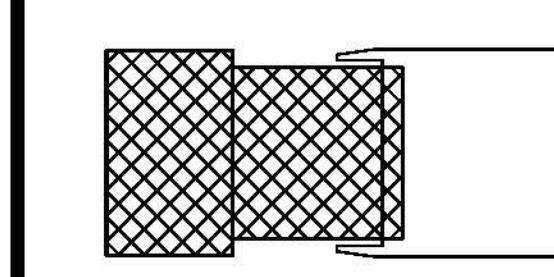
FACADE MAINTENANCE
Etnak Engineering PLLC
186 Park Street
New York, NY 10005
T: 212.698.3000

BRANDING/GRAPHICS
24 Global Design Consultancy
180 York Street 15th Floor
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T: 212.647.1170

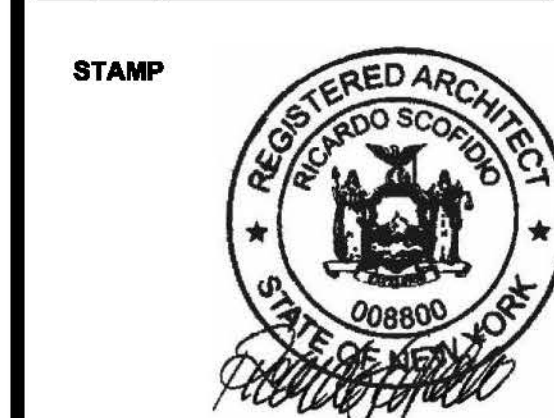
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KEY PLAN



ISSUE	PRINTING	DATE	
61	50	DOB AMENDMENT 7	06.18.2016
46	33	DOB AMENDMENT 5	04.28.2016
13	3	DOB AMENDMENT 1	08.20.2015
10	4	100% CONSTRUCTION DOCUMENTS	03.18.2015
9	8	90% CONSTRUCTION DOCUMENTS	02.18.2015
6	6	PRELIMINARY DOB SUBMISSION	12.20.2014
2	2	90% CONSTRUCTION DOCUMENTS	06.19.2014
1	1	ADV. PROCUREMENT BID SET	06.18.2014



DRAWN BY: MO
CHECKED BY: CB
PROJECT NUMBER: 11017

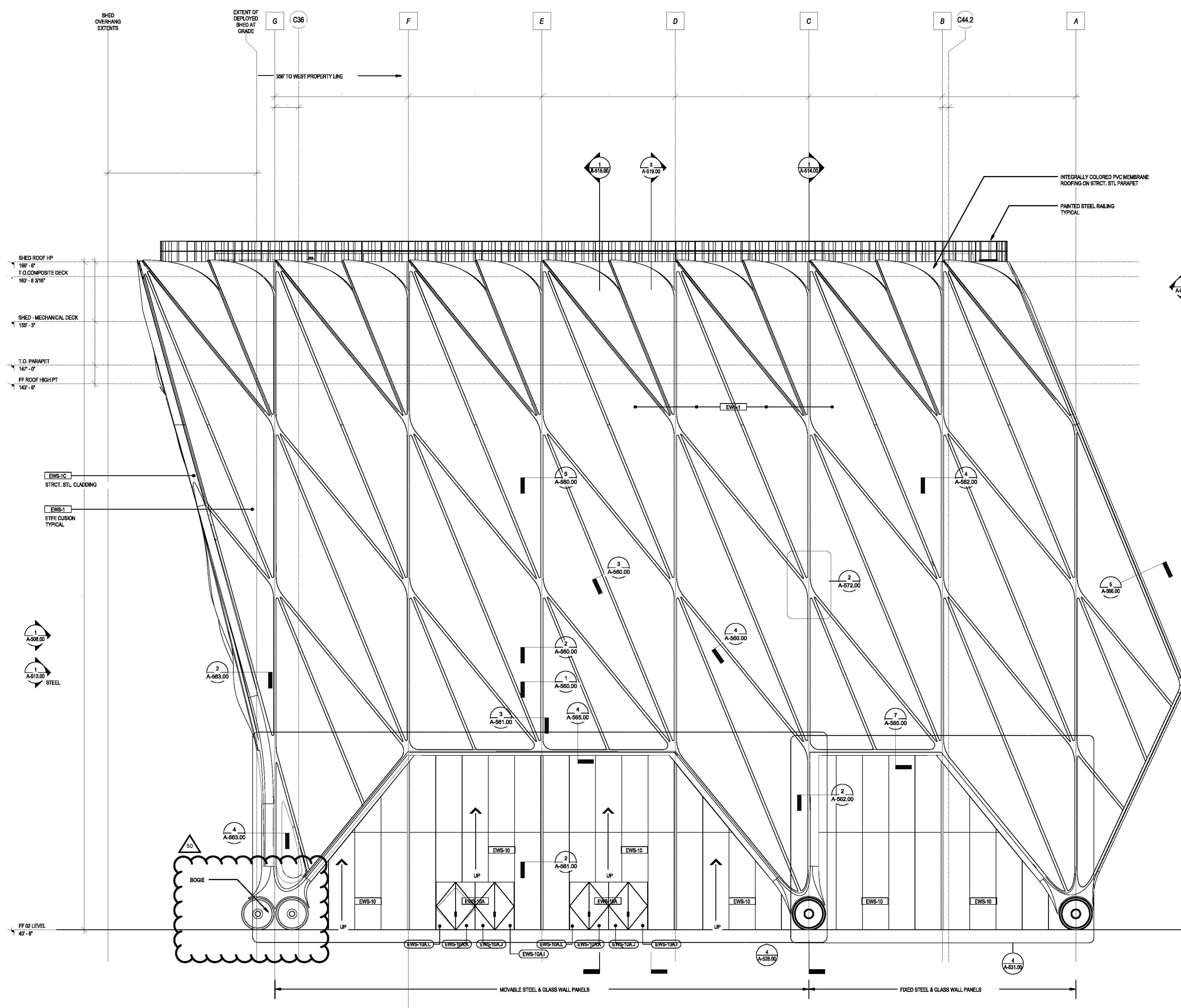
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SCALE: 1/8" = 1'-0"

DRAWING NO.: A-509.00

B-SCAN NO.: A-509.01

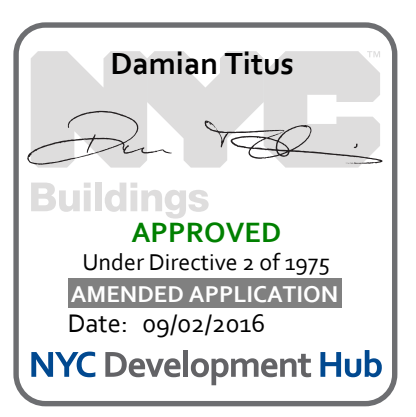
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SHED ELEVATION - SOUTH STEEL

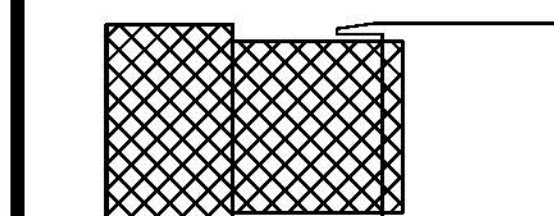
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1/8" = 1'-0"



APPROVED
Under Directive 1 of 1995
ADMINISTRATIVE REGULATION
Date: 06/18/2016
NYC Development Hub

KEY PLAN



ISSUE/PRINTING DATE

ISSUE	PRINTING	DATE
61	50	DOB AMENDMENT 7 06.18.2016
46	33	DOB AMENDMENT 5 04.28.2016
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6		PRELIMINARY DOB SUBMISSION 12.02.2014
2		90% CONSTRUCTION DOCUMENTS 06.18.2014
1		ADV. PROCUREMENT BID SET 06.18.2014

STAMP



DRAWN BY
MO

CHECKED BY
CT

PROJECT NUMBER
11017

TITLE
Elevation
Shed Steel North

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

DRAWING NO.
A-512.00

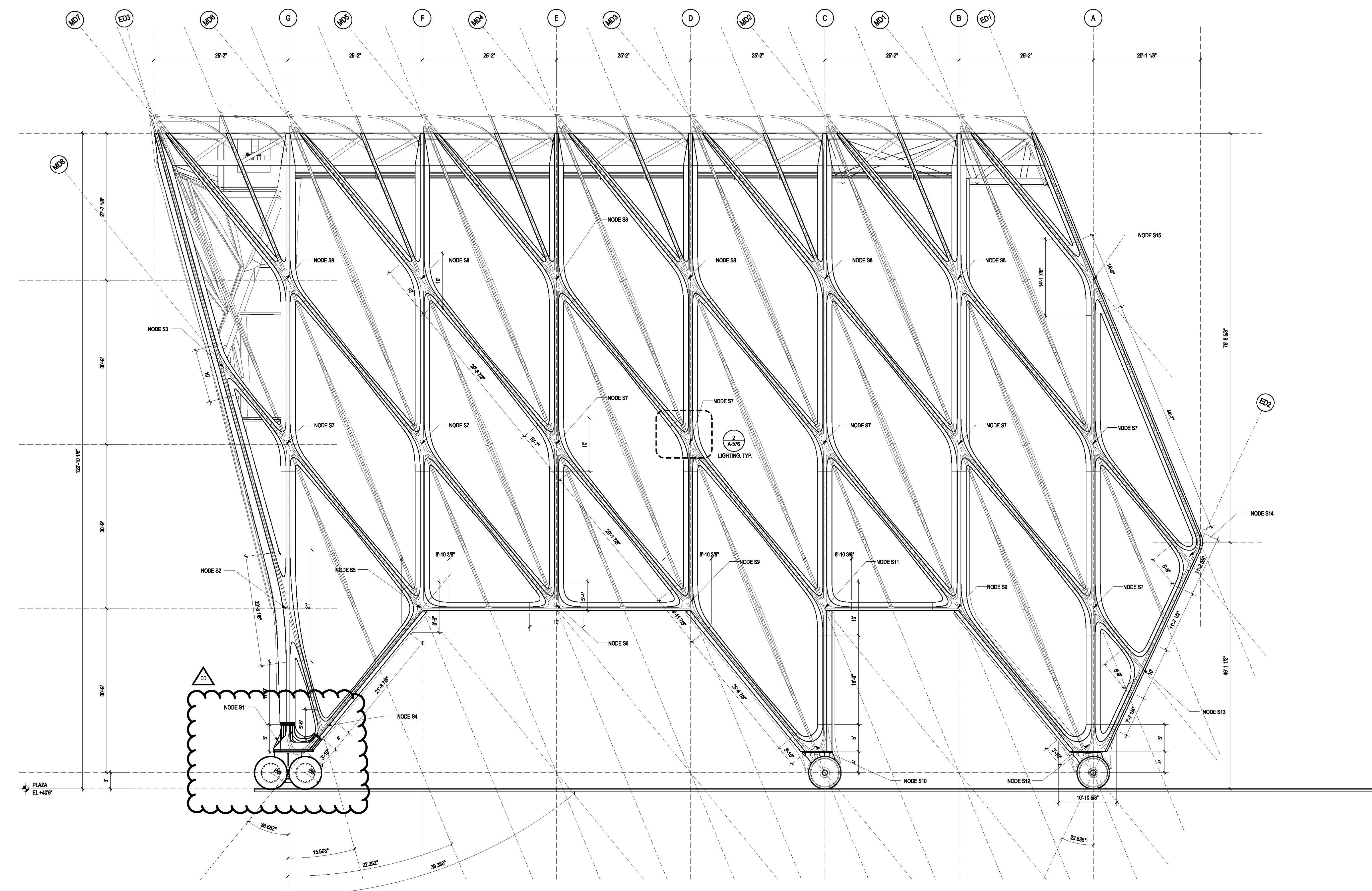
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A-512.01

1 of 100

GENERAL NOTES

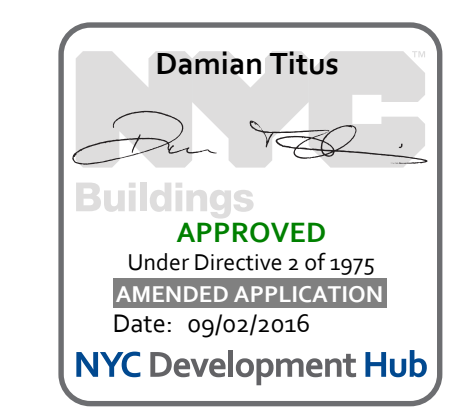
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NODE SCHEDULE

TYPE	QUANTITY
NODE S1	1
NODE S2	1
NODE S3	1
NODE S4	1
NODE S5	1
NODE S6	1
NODE S7	8
NODE S8	8
NODE S9	2
NODE S10	1
NODE S11	1
NODE S12	1
NODE S13	1
NODE S14	1
NODE S15	1
TOTAL	28

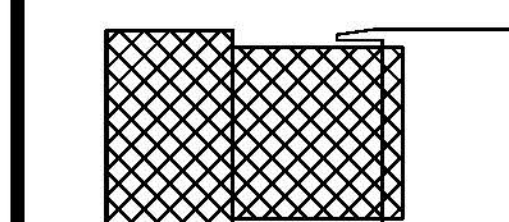
REFER TO STRUCTURAL DRAWINGS FOR PLATE THICKNESS AND MEMBER SIZING



GENERAL NOTES

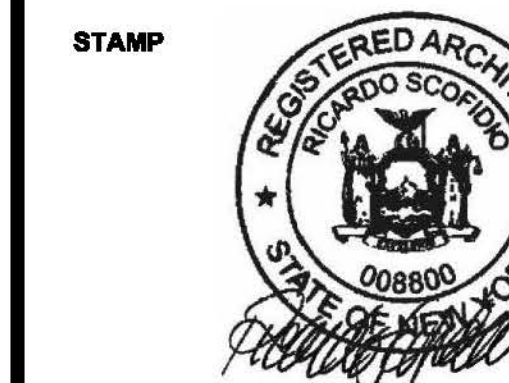
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KEY PLAN



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2		90% CONSTRUCTION DOCUMENTS 08.19.2014
1		ADV. PROCUREMENT BID SET 06.18.2014



DRAWN BY
MO
11017

CHECKED BY
CS
PROJECT NUMBER
11017

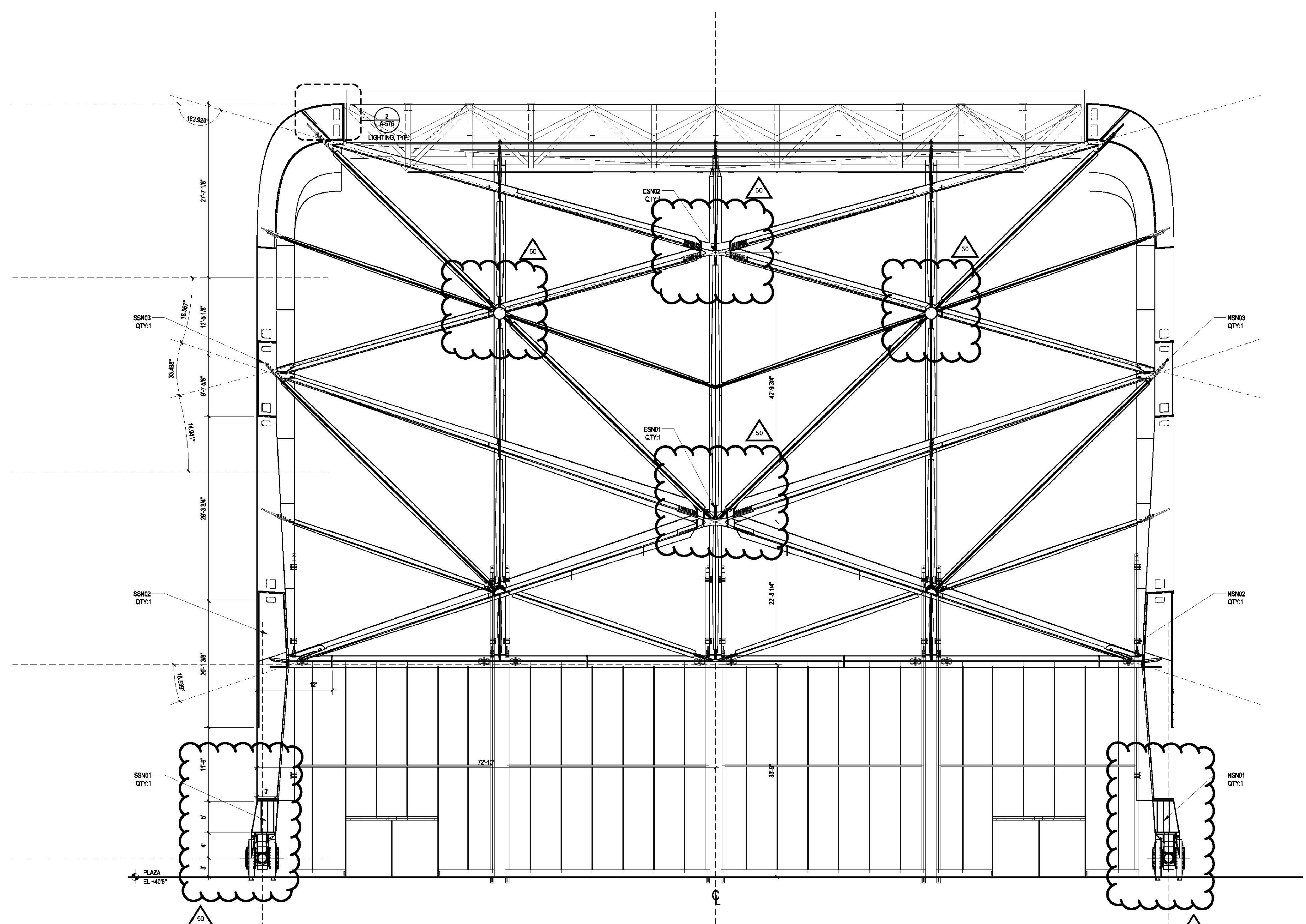
TITLE
Elevation
Shed Steel East

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

DRAWING NO.
A-513.00

B-SCAN NO.
A-513.01

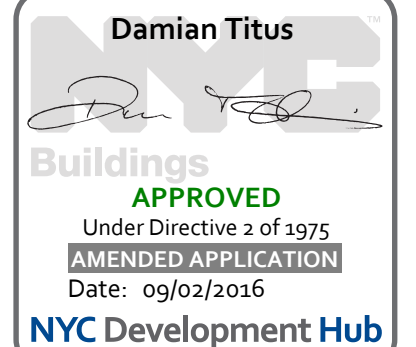
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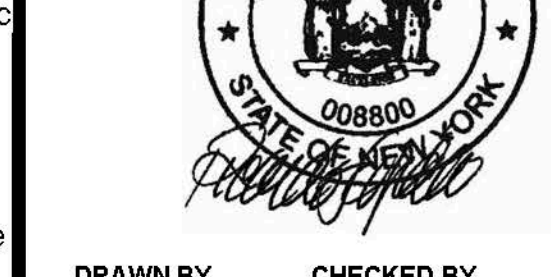
NODE SCHEDULE

TYPE	QUANTITY
NODE E1	1
NODE E2	1
LOCAL	2

REFER TO STRUCTURAL DRAWINGS FOR PLATE THICKNESS AND MEMBER SIZING

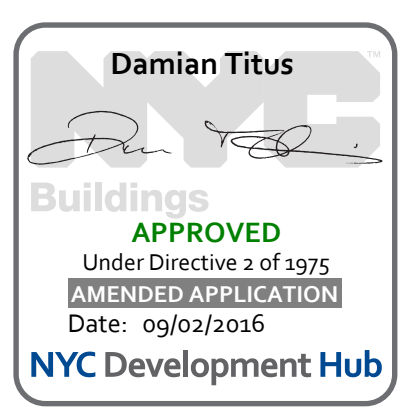
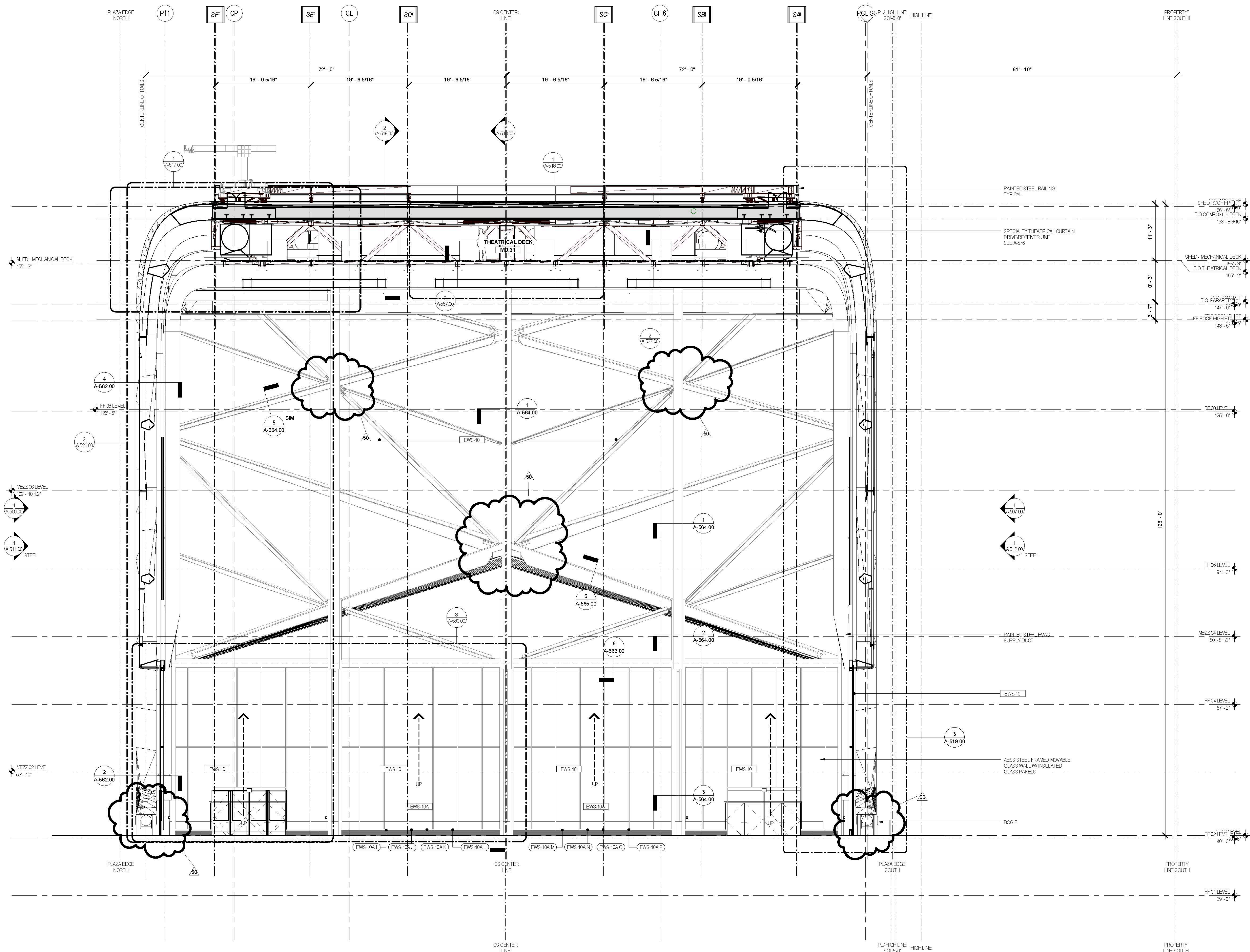


ISSUE	PRINTING	DATE
61	50	DOB AMENDMENT 7
44	39	DOB AMENDMENT 5
13	1	DOB AMENDMENT 1
10	4	100% CONSTRUCTION DOCUMENTS
9	4	90% CONSTRUCTION DOCUMENTS
6	4	80% CONSTRUCTION DOCUMENTS
1	1	PRELIMINARY DOCS/REVISIONS
1	1	ADV. PROCUREMENT BID SET



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OWNER: CULTURE SHED INC.

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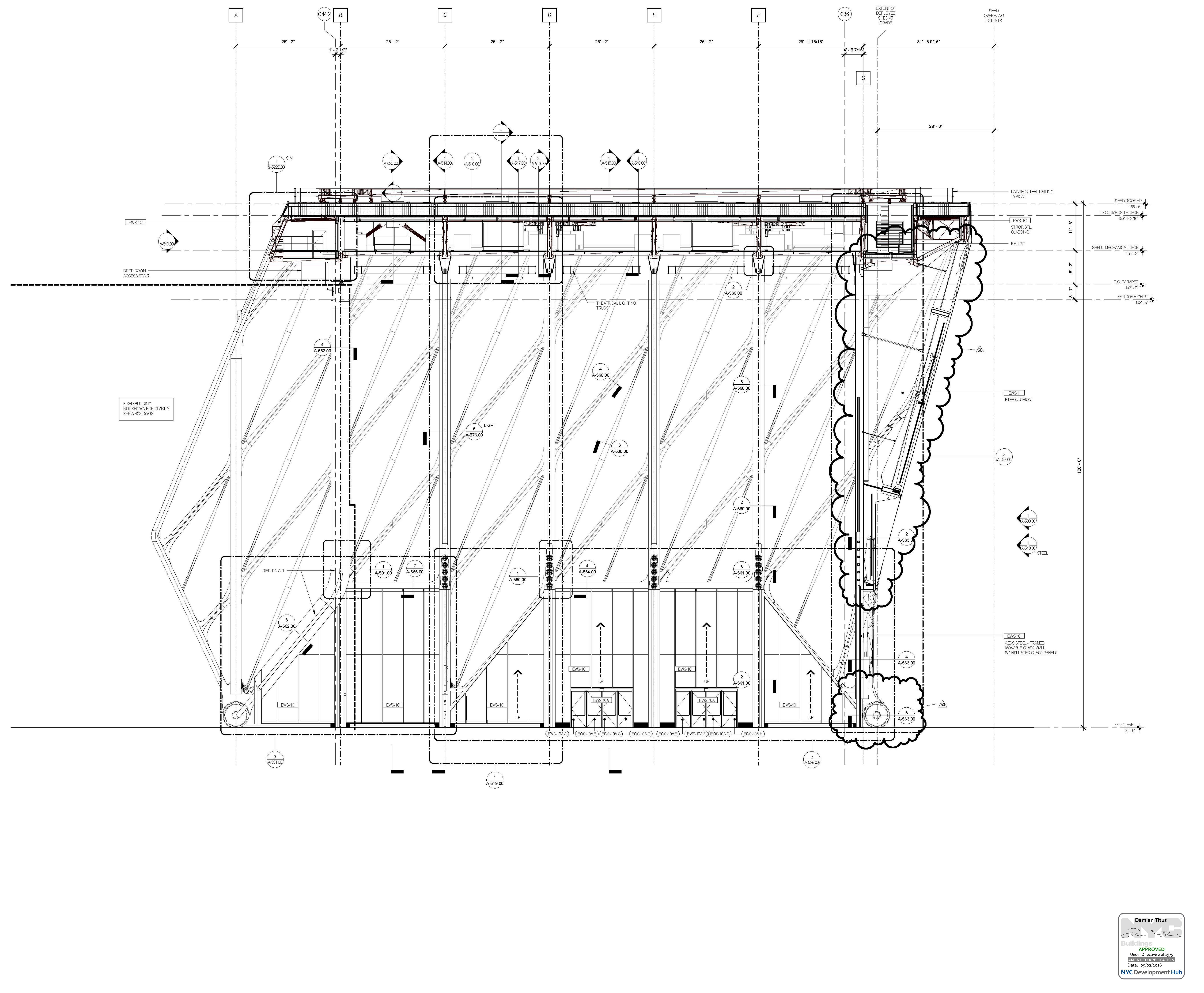
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01	50	DOB AMENDMENT 7
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03	15	DOB AMENDMENT 1
04	4	100% CONSTRUCTION DOCUMENTS
05	9	90% CONSTRUCTION DOCUMENTS
06	6	PRELIMINARY CONSTRUCTION
07	1	ADV. PROCUREMENT BID SET

STAMP
DILLER SCOFIDIO + RENFRO ARCHITECTS
DATE: 09/02/2015

DRAWN BY MW
CHECKED BY CS
PROJECT NUMBER 10117
TITLE BUILDING SECTION - EAST / WEST
SCALE: 1/8" = 1'-0"
DRAWING NO. A-516.00
B-SCAN NO.



BUILDING SECTION - E/W

1
1/8" = 1'-0"

A-516.01

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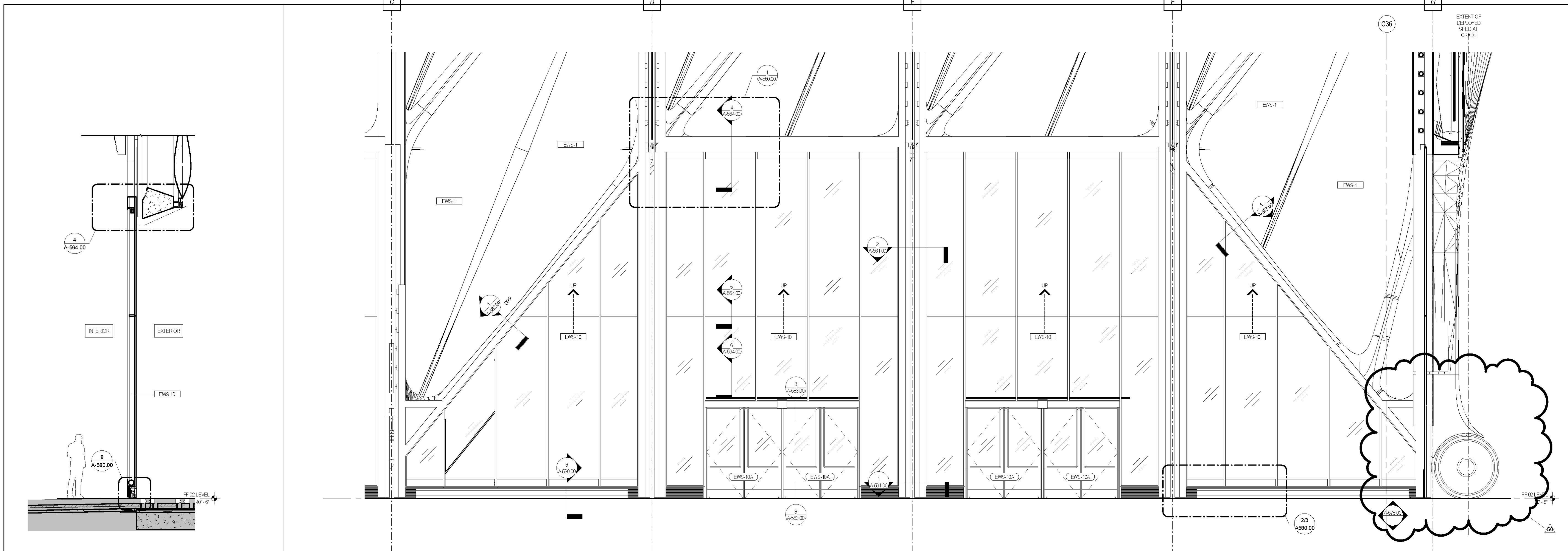
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FACADE MAINTENANCE:
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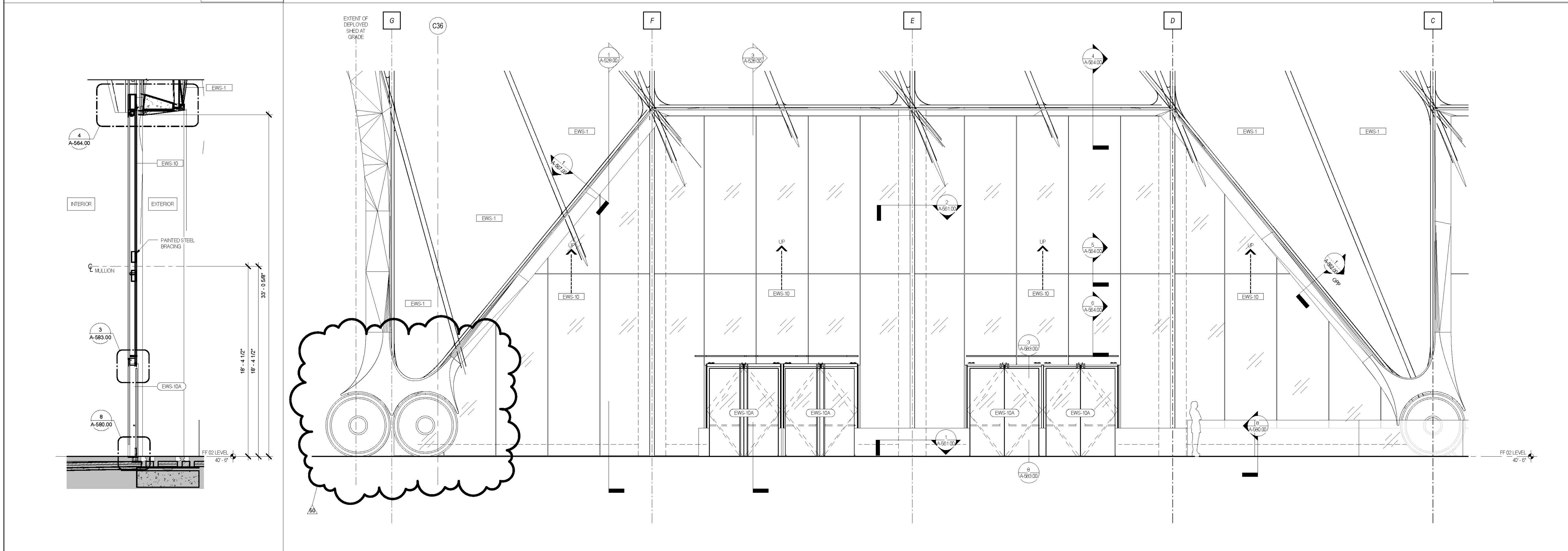
BRANDING/GRAPHICS:
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 New York, NY 10014
 T: 212.647.1170



SECTION 2 @ N OPERABLE WALL 1
 1/4" = 1'-0"

INTERIOR ELEVATION @ NORTH OPERABLE WALL 2
 1/4" = 1'-0"

GENERAL NOTES



SECTION 1 @ N OPERABLE WALL 3
 1/4" = 1'-0"

ENLARGED ELEVATION @ NORTH OPERABLE WALL 4
 1/4" = 1'-0"

1. For Shed components this drawing set is to be considered integral with the provided 3D models and may not be considered independently from the models. The contractor is to base their bid upon the information provided in both the drawings and 3D models. In matters of form and geometry the three dimensional model takes precedence in the instance of a discrepancy between drawing and model. In all other matters the contractor shall seek the opinion of the Architect and Structural Engineer to resolve the discrepancy.

2. Geometry, dimensions and surface contouring, blending and intersection of sections illustrated in the structural drawings are provided for reference and generation of the structural arrangement and details only. The 3D model issued by the Architect defines the exterior surface and shall be adhered to for the final geometry. It is the responsibility of the Contractor to identify any discrepancies or ambiguities for discussion, resolution and direction from the Architect and Structural Engineer.

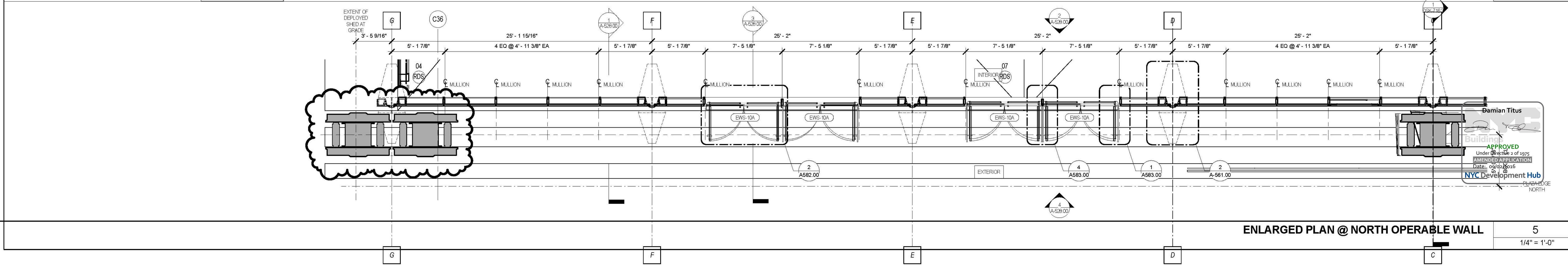
3. Typical N/S wall node: The geometry created by the intersecting main verticals and diagonals shall be in accordance with the 3D model and follow, as a minimum, the quality exhibited in the approved mock-up. The general concept is that edges flow smoothly and continuously between the straight edge of a diagonal through a curve to the adjacent edge of the vertical and the interfering surfaces between these edges are blended and contoured to define a smooth, uninterrupted transition.

4. Typical Node Elsewhere: The geometry created by the intersecting elements shall be in accordance with the 3D model. The level of quality is to be similar to the approved mock-up for the typical node. The general concept is that edges flow smoothly and continuously between the edge of one element to the corresponding edge of the adjacent element and the interfering surfaces between these edges are blended and contoured to define a smooth, uninterrupted transition.

5. This drawing should be considered integral with the written Specifications issued along with the drawings and 3D models. Refer to the Advanced procurement Bid Issue Specifications Table of Contents.

6. Structural steel cladding enclosing selected areas of the Shed (referred to as EWS-1c) shall be in the scope of the steel contractor for continuity with adjacent primary steel members. Criteria for tolerance and flatness to match that of the structural steel (see structural drawings & specifications). Plate configuration, including thickness, internal stiffeners and diaphragms, to be proposed by the fabricator and subject to agreement with the Architect and Engineer to provide an enclosure which satisfies the aesthetic and structural requirements. Refer to 3D model for extent of EWS-1c.

7. Visually exposed HVAC supply and return ducts in the Shed, shown herein, are to be in the scope of the steel contractor to ensure continuity of appearance with primary steel. Criteria for tolerance and flatness to match that of the structural steel (see structural drawings & specifications). Plate configuration, including thickness, internal stiffeners and diaphragms, to be proposed by the fabricator and subject to agreement with the Architect and Engineer to provide an enclosure which satisfies the aesthetic and structural requirements. The mechanical ductwork carries its own self-weight and is not a primary load-bearing element. Internal stiffening may not create interference with airflow requirements of the duct. Refer to 3D model.



SECTION 1 @ N OPERABLE WALL 3
 1/4" = 1'-0"

ENLARGED PLAN @ NORTH OPERABLE WALL 5
 1/4" = 1'-0"

KEY PLAN

ISSUE / PRINTING / DATE

ISSUE	PRINTING	DATE
01	50	DOB AMENDMENT 7
02	30	DOB AMENDMENT 5
03	15	DOB AMENDMENT 1
04	4	100% CONSTRUCTION DOCUMENTS
05	0	90% CONSTRUCTION DOCUMENTS
06	0	PRELIMINARY CONSTRUCTION DOCUMENTS
07	1	ADV. PROCUREMENT BID SET

STAMP

DRAWN BY / **CHECKED BY**

PROJECT NUMBER 11017

TITLE ENLARGED DRAWINGS - NORTH OPERABLE WALL

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

DRAWING NO. A-528.00

B-SCAN NO. A-528.01

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 545 West 30th Street
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KEY PLAN

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06	0	PRELIMINARY CONSTRUCTION
07	1	ADV. PROCUREMENT BID SET



DRAWN BY / **CHECKED BY**
 MIM / CS

PROJECT NUMBER
 11017

TITLE
 ENLARGED DRAWINGS - SOUTH OPERABLE WALL

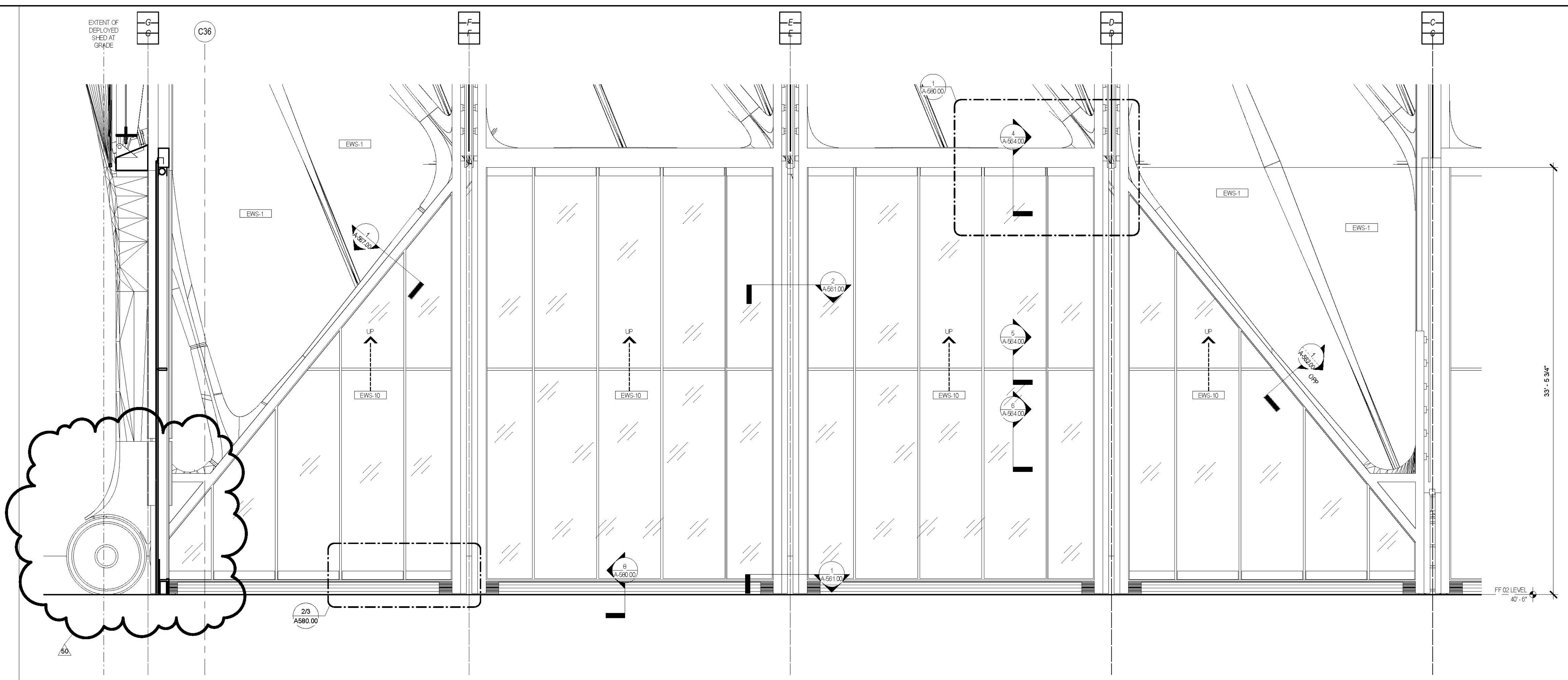
SCALE: 1/4" = 1'-0"

DRAWING NO.
 A-529.00

B-SCAN NO.
 A-529.01

LEGEND

[Symbol]	EXTENT OF DEPLOYED SHED AT GRADE
[Symbol]	PLAZA EDGE SOUTH
[Symbol]	WATERPROOFING
[Symbol]	MEP DUCTS
[Symbol]	INTERNAL STIFFENERS AND DIAPHRAGMS
[Symbol]	CLADDING
[Symbol]	OPERABLE WALL
[Symbol]	VIEWING PLATFORM
[Symbol]	NYC DEVELOPMENT HUB

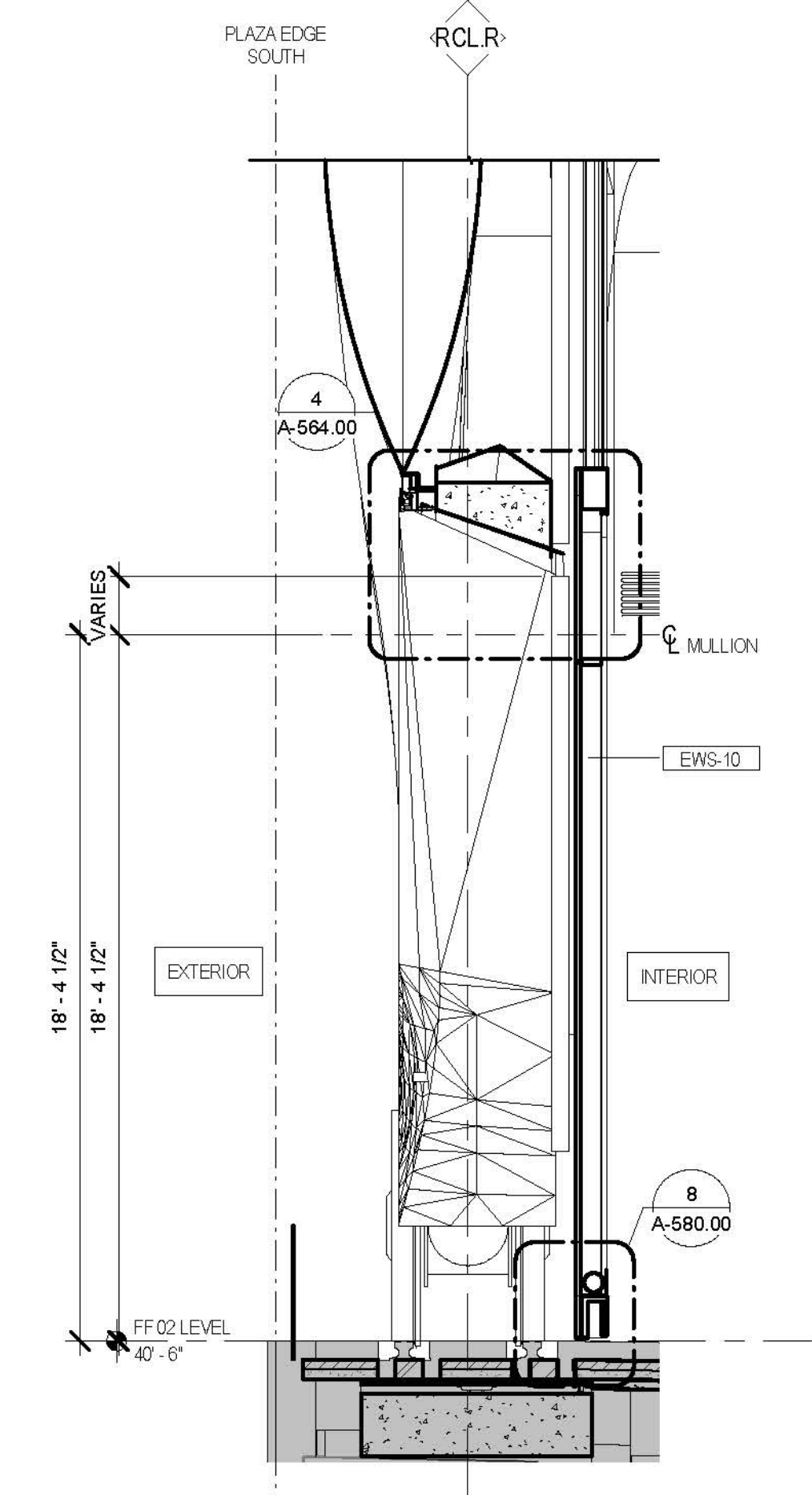


INTERIOR ELEVATION @ SOUTH OPERABLE WALL

1
1/4" = 1'-0"

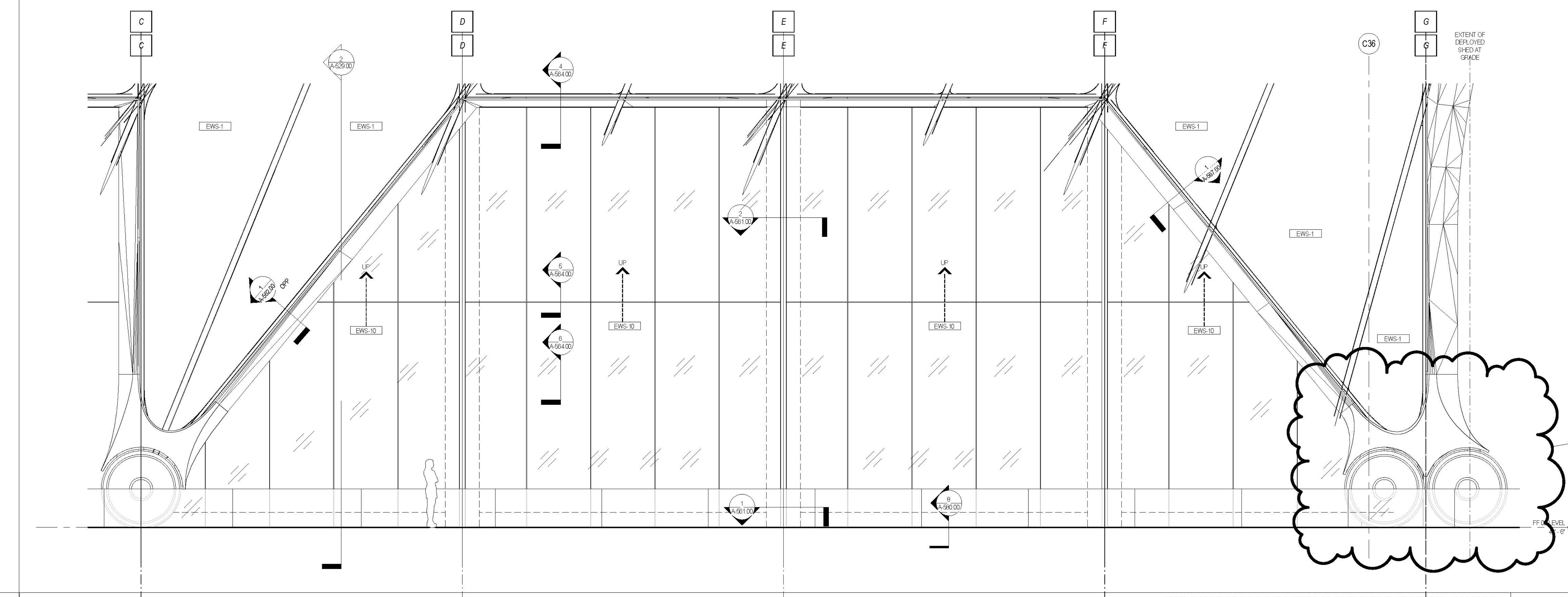
GENERAL NOTES

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- Visually exposed HVAC supply and return ducts in the Shed, shown herein, are to be in the scope of the steel contractor to ensure continuity of appearance with primary steel. Criteria for tolerance and flatness to match that of the structural steel (see structural drawings & specifications). Plate configuration, including thickness, internal stiffeners and diaphragms, to be proposed by the fabricator and subject to agreement with the Architect and Engineer to provide an enclosure which satisfies the aesthetic and structural requirements. The mechanical ductwork carries its own self-weight and is not a primary load-bearing element. Internal stiffening may not create interference with airflow requirements of the duct. Refer to 3D model.



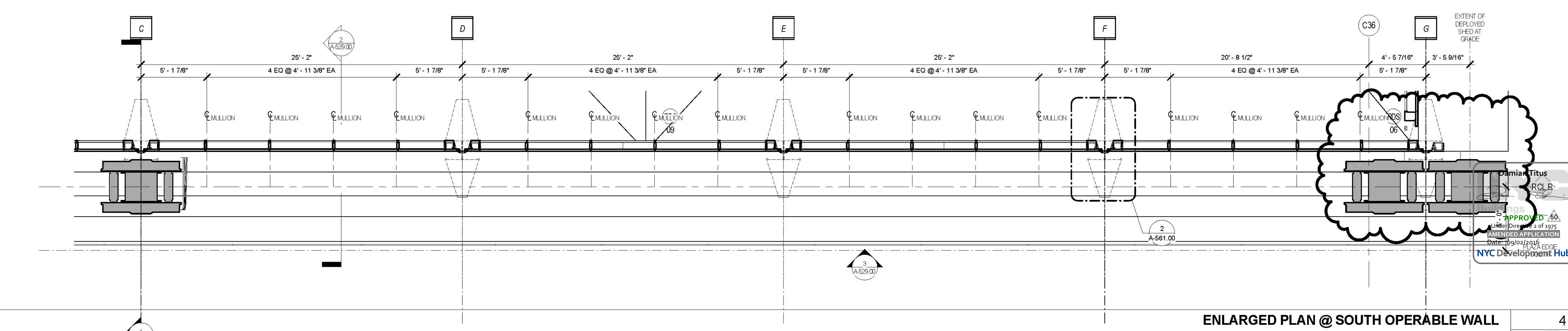
SECTION @ S OPERABLE WALL

2
1/4" = 1'-0"



ENLARGED ELEVATION @ SOUTH OPERABLE WALL

3
1/4" = 1'-0"



ENLARGED PLAN @ SOUTH OPERABLE WALL

4
1/4" = 1'-0"

CULTURE SHED AT HUDSON YARDS

DOB AMENDMENT 7

DATE: 08/19/2016

STRUCTURAL DRAWING LIST

SHEET NO	SHEET NAME	SHEET NO	SHEET NAME
S-000 SERIES: GENERAL			
S-001.02	COVER SHEET & DRAWING LIST	S-502A.00	MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 00 - III
S-002.01	STRUCTURAL GENERAL NOTES	S-503.01	MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 00 AND 01
S-003.00	STRUCTURAL GENERAL NOTES II	S-504.01	MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 02 - I
S-005.01	STEEL TOLERANCES - GLOBAL	S-505.00	MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 02 - II
S-006.01	N/S WALL_ELEMENTS - STEEL TOLERANCES	S-508.00	MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 02 - V
S-007.00	EAST WALL_ELEMENTS - STEEL TOLERANCES	S-600 SERIES: MASONRY SCHEDULES, SECTIONS AND DETAILS	
S-008.00	TYPICAL SECTIONS - STEEL TOLERANCES	S-601.00	TYPICAL MASONRY NON-BEARING WALL SCHEDULES
S-009.01	STEEL TOLERANCES - BOGIES	S-602.00	TYPICAL MASONRY NON-BEARING WALL DETAILS
S-010.01	STEEL TOLERANCES - NODES	S-603.00	TYPICAL MASONRY NON-BEARING WALL TO STEEL DETAILS
S-020.00	LAP SPLICE SCHEDULES	S-604.00	TYPICAL MASONRY NON-BEARING WALL TO CONCRETE DETAILS
S-030.00	LOAD DIAGRAMS I	S-700 SERIES: STEEL SUPERSTRUCTURE SECTIONS AND DETAILS	
S-031.00	LOAD DIAGRAMS II	S-701.00	TYPICAL STEEL BEAM DETAILS I
S-032.01	LOADING DIAGRAMS III	S-702.01	TYPICAL STEEL BEAM DETAILS II
S-050.00	AXONOMETRIC - FIXED BUILDING (SE)	S-703.01	TYPICAL STEEL BEAM DETAILS III
S-051.00	AXONOMETRIC - FIXED BUILDING (NW)	S-704.00	TYPICAL STEEL BEAM DETAILS IV
S-052.01	AXONOMETRIC - DEPLOYED SHED (SE)	S-710.00	TYPICAL COMPOSITE STEEL DECK DETAILS I
S-053.01	AXONOMETRIC - DEPLOYED SHED (NW)	S-711.00	TYPICAL COMPOSITE STEEL DECK DETAILS II
S-D100 SERIES: DEMOLITION PLANS			
S-D100.01	DEMOLITION AND INFILL PLAN, FIXED BUILDING LEVEL 00	S-712.00	TYPICAL COMPOSITE STEEL DECK DETAILS III
S-D101.01	DEMOLITION AND INFILL PLAN, FIXED BUILDING LEVEL 01	S-713.00	TYPICAL COMPOSITE STEEL DECK DETAILS IV
S-D102.01	DEMOLITION AND INFILL PLAN, FIXED BUILDING LEVEL 02	S-720.01	SECTIONS AND DETAILS, FIXED BUILDING LEVEL 00 AND 01 - I
S-100 SERIES: STRUCTURAL PLANS			
S-1C1.01	FRAMING PLAN, FIXED BUILDING - CELLAR LEVEL	S-720B.00	SECTIONS AND DETAILS, FIXED BUILDING LEVEL 00 AND 01 - II
S-100.01	FRAMING PLAN, FIXED BUILDING - LEVEL 00	S-721A.01	SECTIONS AND DETAILS, FIXED BUILDING LOBBY I
S-101.01	FRAMING PLAN, FIXED BUILDING - LEVEL 01	S-721B.01	SECTIONS AND DETAILS, FIXED BUILDING LOBBY II
S-102.01	FRAMING PLAN, FIXED BUILDING - LEVEL 02	S-722.01	SECTIONS AND DETAILS, FIXED BUILDING LEVEL 02 - I
S-104.01	FRAMING PLAN, FIXED BUILDING - LEVEL 04	S-723.01	SECTIONS AND DETAILS, FIXED BUILDING LEVEL 02 - II
S-106.01	FRAMING PLAN, FIXED BUILDING - LEVEL 06	S-724.01	SECTIONS AND DETAILS, FIXED BUILDING L04 TO L08 - I
S-108.01	FRAMING PLAN, FIXED BUILDING - LEVEL 08	S-725.01	SECTIONS AND DETAILS, FIXED BUILDING L04 TO L08 - II
S-109.01	FRAMING PLAN, FIXED BUILDING - LEVEL 09/ROOF	S-726.01	SECTIONS AND DETAILS, FIXED BUILDING LEVEL 09/ROOF
S-110.01	FRAMING PLAN, FIXED BUILDING SLED DRIVE AND BMU TRACK	S-727.01	SECTIONS AND DETAILS, FIXED BUILDING ROOF II
S-152.01	FRAMING PLAN, DEPLOYED SHED - MECHANICAL DECK	S-730.00	RAIL BASE DETAILS L02
S-153.01	FRAMING PLAN, DEPLOYED SHED - ROOF	S-750.01	DETAILS, DEPLOYED SHED NORTH/SOUTH TYPICAL WALL SECTIONS
S-154.01	FRAMING PLAN, DEPLOYED SHED - BMU TRACK	S-751.01	TYPICAL WALL PLATE THICKNESSES I
S-200 SERIES: FOUNDATION SCHEDULES, SECTIONS AND DETAILS			
S-201.00	TYPICAL SLAB ON GRADE DETAILS	S-752.01	TYPICAL WALL PLATE THICKNESSES II
S-210.00	FOUNDATION SECTIONS	S-753.01	MAIN VERTICAL WELD DETAILS
S-300 SERIES: ELEVATIONS AND BRACING DETAILS			
S-301.01	BRACING ELEVATIONS FIXED BUILDING I	S-754.01	MAIN DIAGONAL WELD DETAILS
S-302.01	BRACING ELEVATIONS FIXED BUILDING II	S-755.00	DETAILS, DEPLOYED SHED NORTH/SOUTH WALL NODES - I
S-303.01	BRACING ELEVATIONS FIXED BUILDING III	S-757.01	DEPLOYED SHED NORTH/SOUTH WALL - ATYPICAL ELEMENTS
S-304.01	BRACING ELEVATIONS FIXED BUILDING IV	S-758.01	DEPLOYED SHED NORTH/SOUTH WALL - TERTIARY ELEMENTS
S-310.00	SECTIONS FIXED BUILDING I	S-760.01	DETAILS, DEPLOYED SHED NORTH/SOUTH WALL - CURVED SECTIONS
S-311.00	SECTIONS FIXED BUILDING II	S-761.01	DETAILS, DEPLOYED SHED NORTH/SOUTH WALLS - CURVED SECTION DETAILS
S-312.00	SECTIONS, FIXED BUILDING III	S-763.01	DETAILS, DEPLOYED SHED NORTH/SOUTH WALLS - E-W TRUSSES
S-320.00	TYPICAL BRACED FRAME CONNECTION DETAILS I	S-764.01	DETAILS, DEPLOYED SHED DRIVE CONNECTION
S-321.00	TYPICAL BRACED FRAME CONNECTION DETAILS II	S-765.01	SHED TO BOGIE CONNECTION
S-351.01	ELEVATIONS, DEPLOYED SHED	S-766.01	SHED TO BOGIE DETAILS
S-352.01	SECTIONS, DEPLOYED SHED	S-768.01	DETAILS, DEPLOYED SHED NORTH/SOUTH WALLS - N-S TRUSSES
S-354.01	TRUSS SECTIONS	S-770.01	DETAILS DEPLOYED SHED EAST WALL I
S-355.01	TRUSS SECTIONS	S-771.01	DETAILS DEPLOYED SHED EAST WALL II
S-400 SERIES: TRUSS, CASTELLATED BEAM AND STRONG POINT DETAILS			
S-401.01	FIXED BUILDING TRUSS ELEVATIONS AND DETAILS	S-772.01	DETAILS, DEPLOYED SHED EAST WALL
S-402.01	CASTELLATED BEAM ELEVATIONS AND DETAILS	S-773.01	DETAILS, DEPLOYED SHED EAST PORTAL TYPICAL SECTIONS
S-403.00	SOUTH LEVEL 02 CABLE WALL SUPPORT BEAM	S-774.01	DETAILS, DEPLOYED SHED EAST PORTAL - NODES
S-410.01A	STRONG POINT SUPPORT FRAMING PLAN, FIXED BUILDING LEVEL 04	S-785.01	DETAILS, DEPLOYED SHED - MECHANICAL DECK
S-410.01B	STRONG POINT SUPPORT FRAMING PLAN, FIXED BUILDING LEVEL 06	S-786.00	DETAILS, DEPLOYED SHED MECHANICAL DUCTWORK
S-411.01	STRONG POINT SUPPORT FRAMING PLAN, FIXED BUILDING LEVEL 08	S-790.01	DEPLOYED SHED NORTH/SOUTH WALL - QUAD MEMBERS
S-412.01	TYPICAL STRONG POINT SUPPORT FRAMING DETAILS	S-791.00	DEPLOYED SHED NORTH/SOUTH WALL - QUAD CONNECTIONS
S-413.00	TYPICAL DETAILS FOR MOVABLE PARTITION SUPPORTS AT GALLERY 2	S-794.01	DEPLOYED SHED EAST WALL - QUAD MEMBER
S-421.01	BRIDGING ELEVATIONS AND DETAILS	S-798.01	DEPLOYED SHED -DEAD LOAD DEFLECTIONS I
S-500 SERIES: STRUCTURAL MODIFICATION PART PLANS AND DETAILS			
S-500.01	DEMOLITION AND INFILL PLAN, FIXED BUILDING LEVEL 00	S-799.01	DEPLOYED SHED -DEAD LOAD DEFLECTIONS II
S-501.01	MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 00 - I	S-800 SERIES: DOORS AND KINETICS	
S-502.01	MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 00 - II	S-801.00	DEPLOYED SHED NORTH & SOUTH DOORS - LAYOUT
		S-802.01	DEPLOYED SHED NORTH & SOUTH DOORS - FRAMING
		S-803.01	DEPLOYED SHED NORTH & SOUTH DOORS - DETAILS I
		S-804.00	DEPLOYED SHED NORTH AND SOUTH DOORS - CONNECTION FORCES
		S-811.00	DEPLOYED SHED EAST DOORS - LAYOUT
		S-812.01	DEPLOYED SHED EAST DOORS - FRAMING
		S-813.00	DEPLOYED SHED EAST DOORS - DETAILS I
S-900 SERIES: COLUMN SCHEDULES AND DETAILS			
S-901.01	FIXED BUILDING COLUMN SCHEDULE		
S-902.01	TYPICAL STEEL COLUMN DETAILS		

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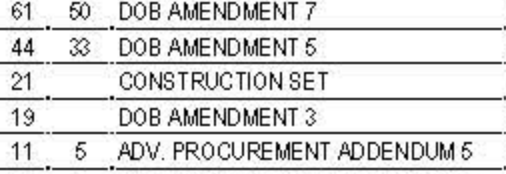
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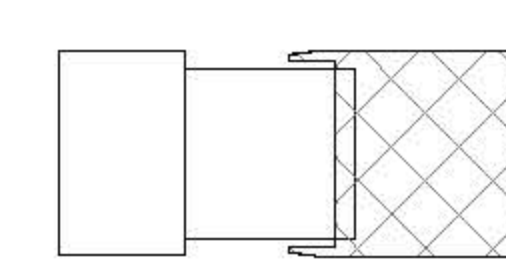
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KEY PLAN



ISSUE

NO.	DESCRIPTION	DATE
01	ISSUE	
02	DOB AMENDMENT 7	03.29.2016
03	DOB AMENDMENT 6	04.09.2016
04	CONSTRUCTION SET	10.08.2015
05	100% CONSTRUCTION DOCUMENTS	03.18.2015
06	90% CONSTRUCTION DOCUMENTS	02.16.2015
07	PRELIMINARY DOB SUBMISSION	12.16.2014
08	ADVANCED PROCUREMENT BID SET	06.16.2014

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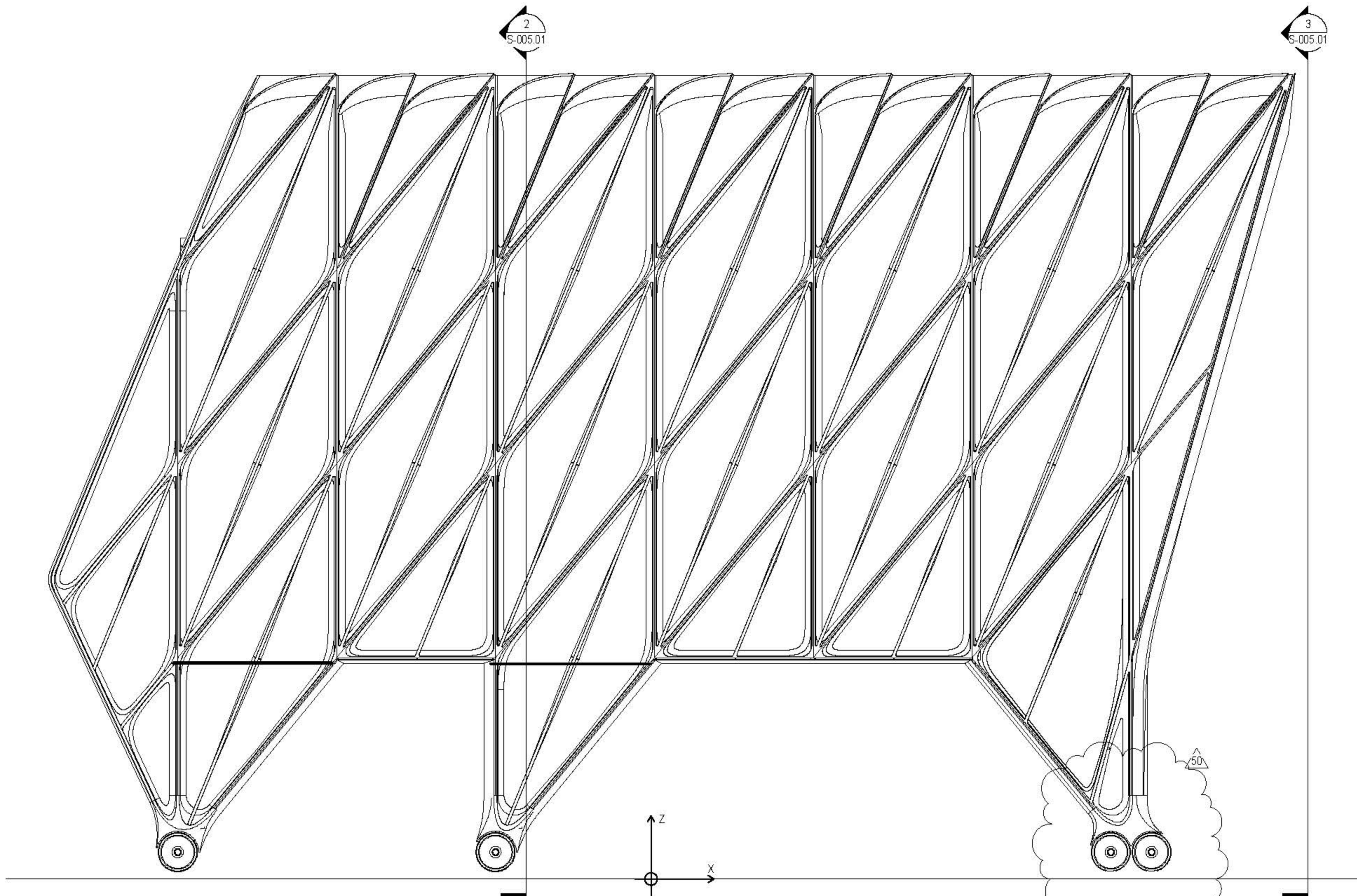
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TITLE
STEEL TOLERANCES - GLOBAL

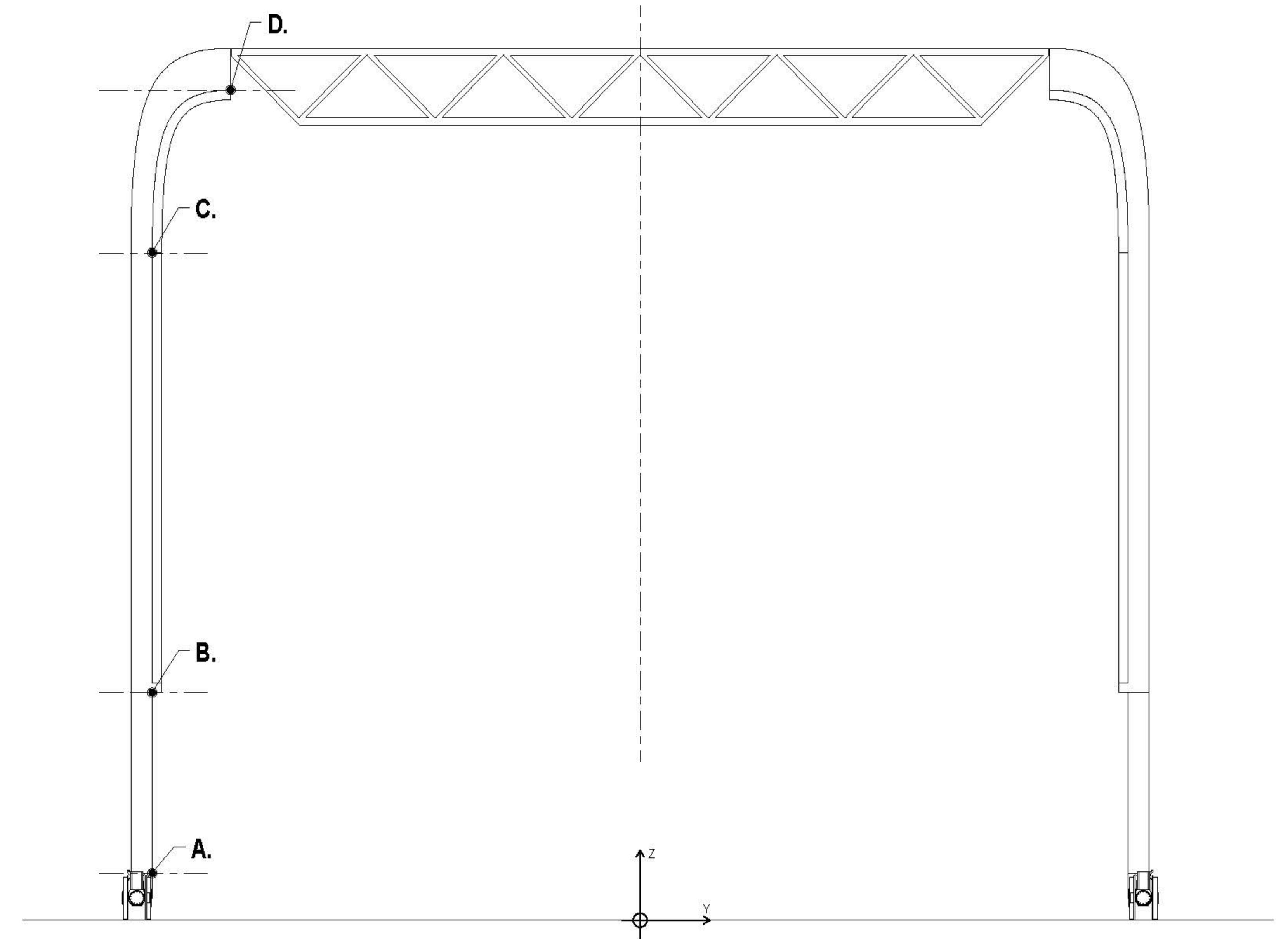
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B.SCAN NO.
S-005.01

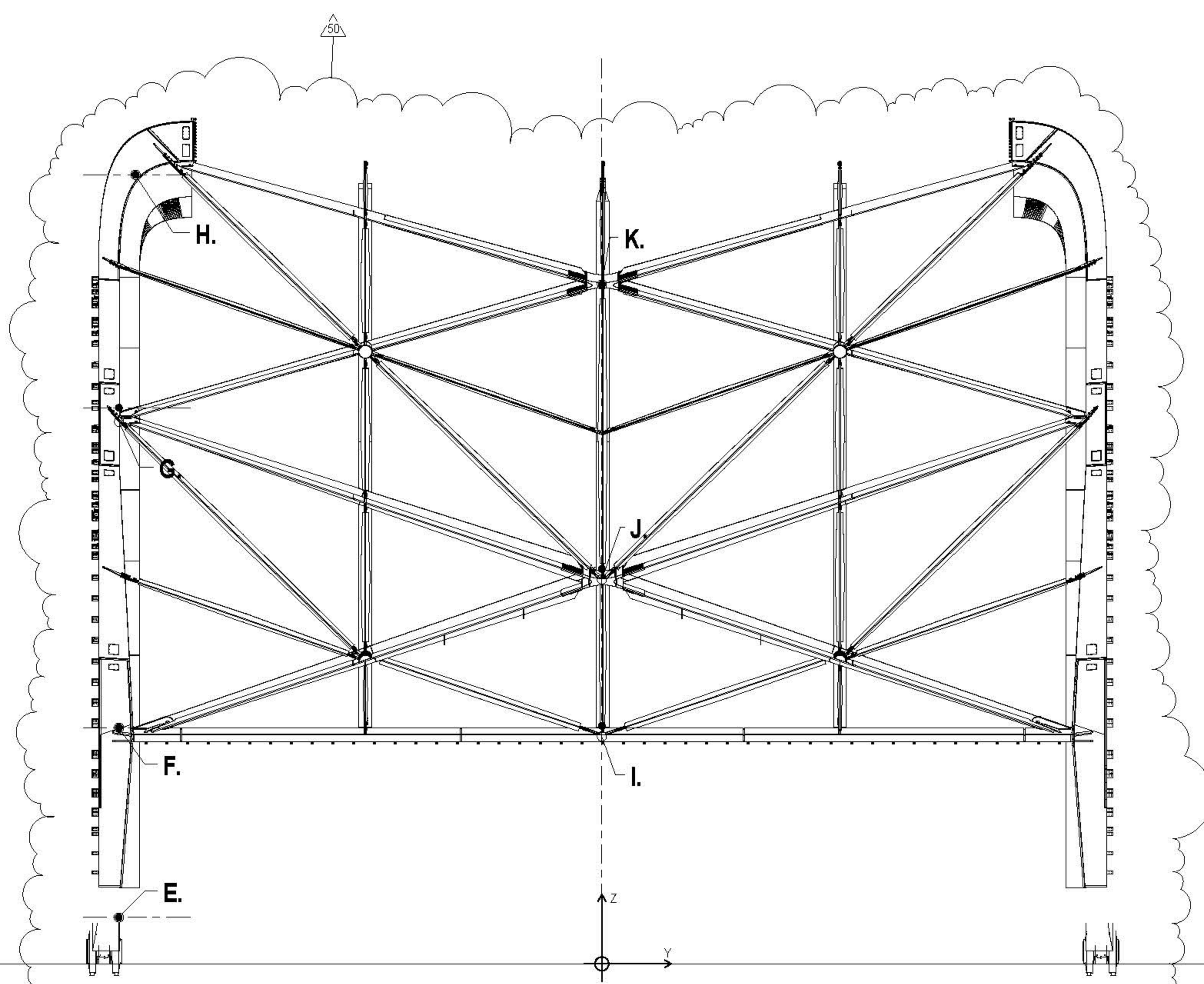
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1 SOUTH ELEVATION
3/32" = 1'-0"



2 SECTION 01
3/32" = 1'-0"



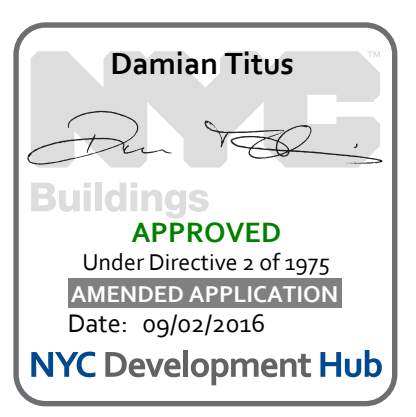
3 EAST PORTAL
3/32" = 1'-0"

GLOBAL TOLERANCE (in)				
POINT	X	Y	Z	ABSOLUTE
A	0.1	0.1	0.1	0.16
B	0.35	0.35	0.30	0.60
C	1.25	1.0	1.25	2.0
D	1.50	1.0	1.50	2.25
E	0.1	0.1	0.1	0.16
F	0.35	0.35	0.30	0.60
G	1.25	1.0	1.25	2.0
H	1.50	1.0	1.50	2.25
I	0.35	0.35	0.30	0.60
J	0.75	0.75	0.75	1.25
K	1.0	1.0	1.0	1.50

- NOTES**
1. GLOBAL TOLERANCE ASSUMED TO BE SYMMETRIC
 2. ASSUME LINEAR VARIATION BETWEEN POINTS
 3. REFER TO TOLERANCE SHEETS S-005.00 - S-010.00 FOR LOCAL TOLERANCES
 4. GLOBAL AND LOCAL TOLERANCES ARE NOT CUMULATIVE
 5. TOLERANCES ARE TOTAL TO FABRICATION AND ERECTION

GENERAL NOTES

- Sheets S-005 through S-009 illustrate project specific tolerances for the fabrication and installation of Shed steelwork.
- These drawings are to be read in conjunction with the steel specification and supersede the main specification where a tighter tolerance is specified. In the event the main specification exhibits tighter control the main specification then supersedes these drawings.
- Any discrepancies or ambiguities are to be raised by the contractor for discussion with the Architect and EIR.
- The drawings provide general tolerances for the global structure, element tolerances between nodes and local tolerances for each typical section.
- Typical sections are drawn for the North & South Wall main verticals, diagonals and East Wall and Portal.
- Unless otherwise stated the specified tolerances for the main diagonals will apply to all sections on the North & South Walls.
- Unless otherwise stated the specified tolerances for the typical East Wall and Portal section will apply to all sections on the North & South Walls.
- Steelwork in the mechanical deck and roof is considered within the main specification and standard code of practice however we note that ornamental steelwork/mechanical ductwork steelwork attached to the underside of the trusses shall follow the specified tolerances of the mechanical ductwork shown in the typical main vertical section.



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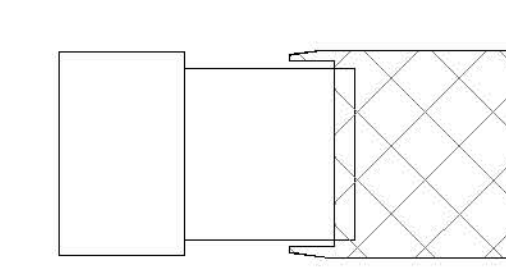
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KEY PLAN



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1		ADVANCED PROCUREMENT BID SET	06/18/2014

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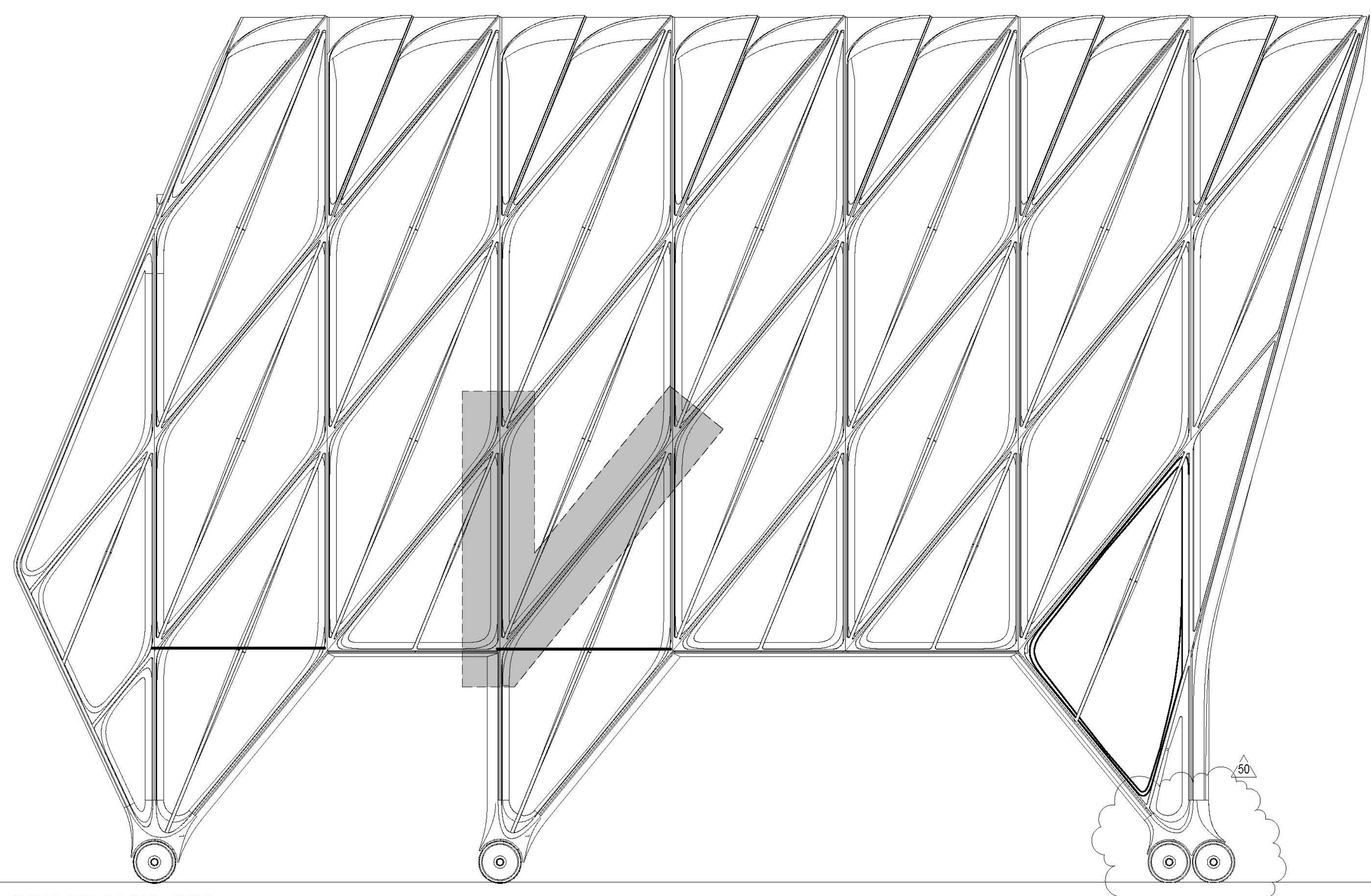
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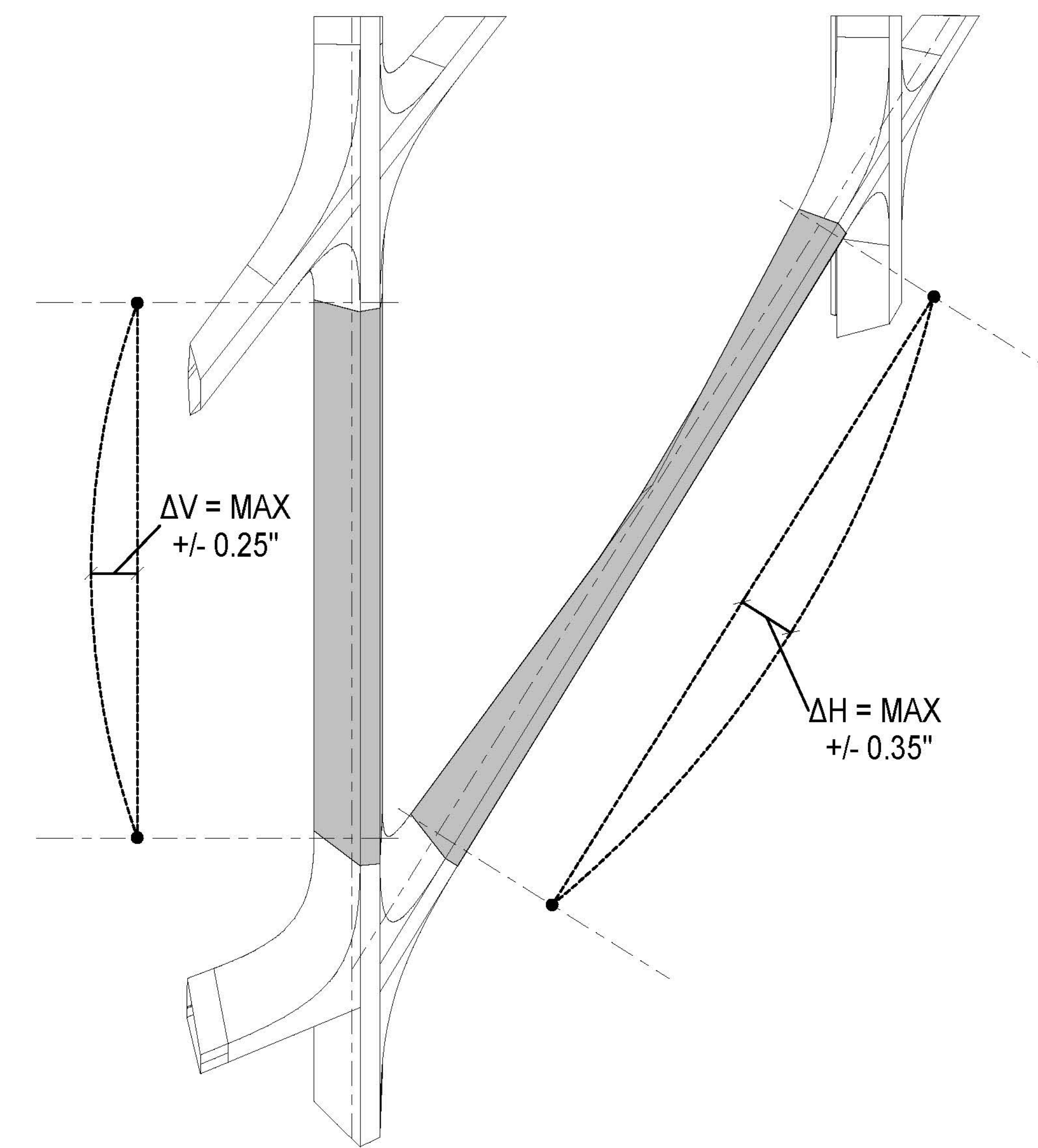
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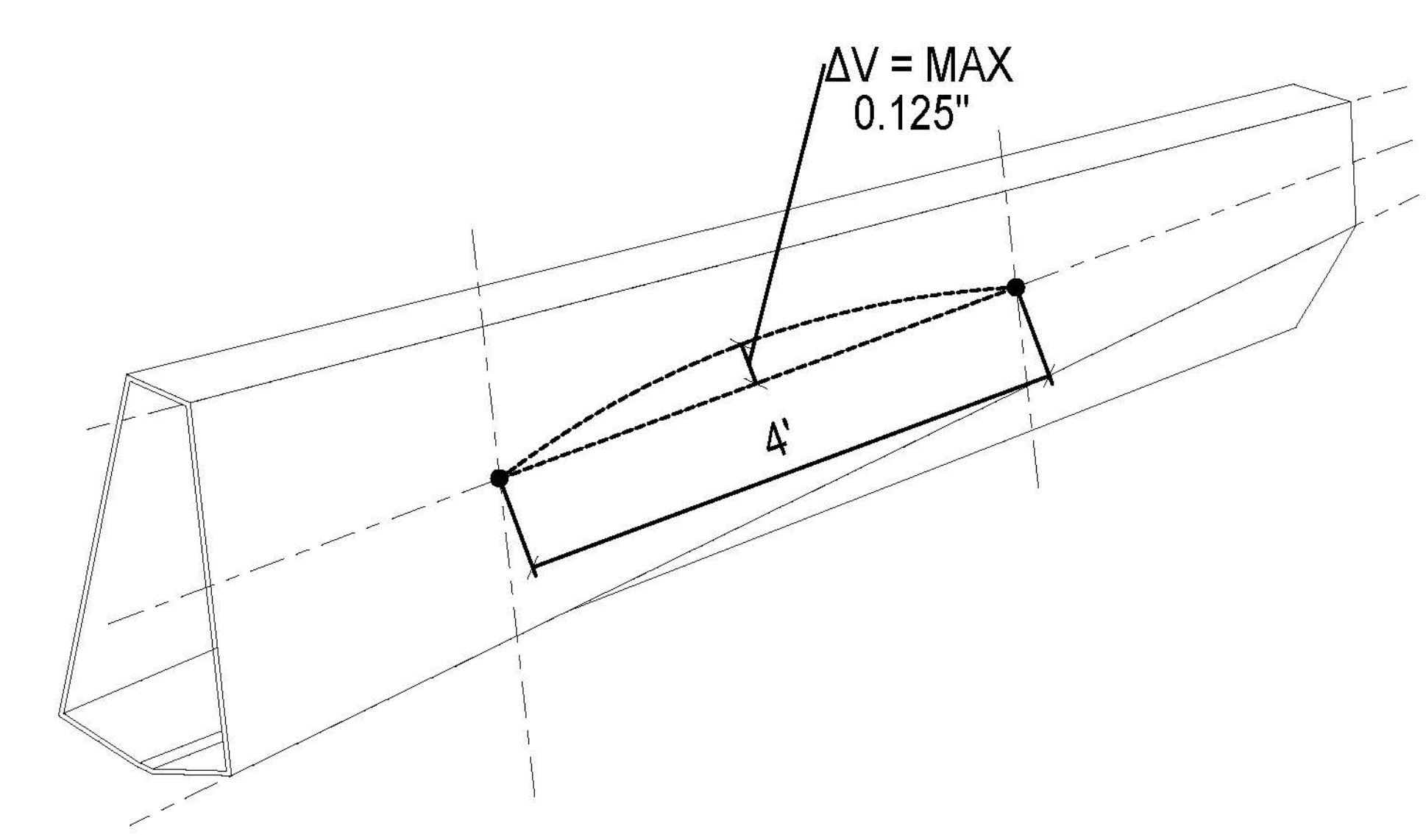
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3/32" = 1'-0"

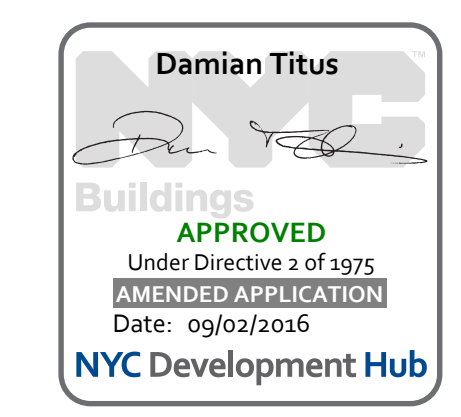
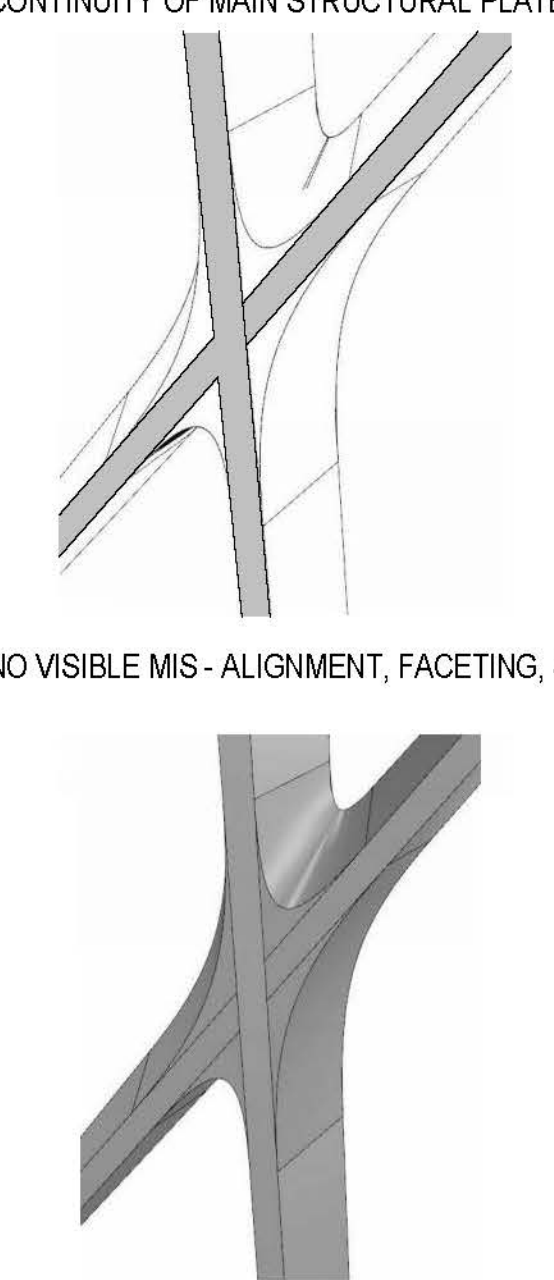


3 ELEMENTS BETWEEN NODES (TYP)
STRAIGHTNESS TOLERANCE
NOT TO SCALE



2 LOCAL PANEL TOLERANCE (TYP.)
3/8" = 1'-0"

NOTES:
1. INDEPENDENT OF LENGTH TOLERANCE EACH SEGMENT MUST BLENDED IN A SMOOTH AND CONSISTENT MANNER TO ADJACENT NODES TO ENSURE
a) CONTINUITY OF MAIN STRUCTURAL PLATES
b) NO VISIBLE MIS- ALIGNMENT, FACETING, STEPS OR KINKS OR SHARP CHANGES IN EXTERIOR GEOMETRY



APPROVED
Under Directive 1 of 1975
DATE: 09/19/2018
NYC Development Hub

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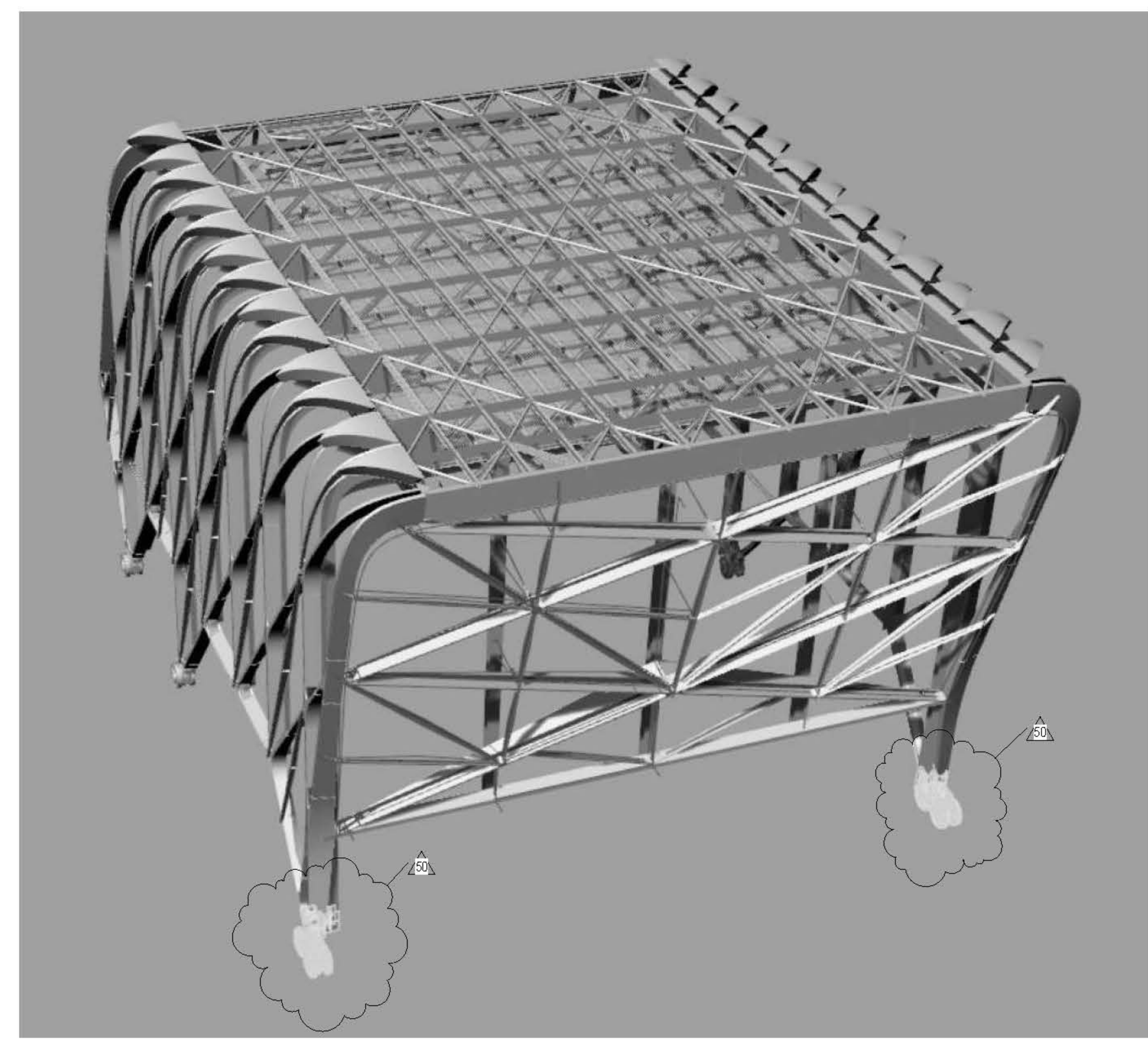
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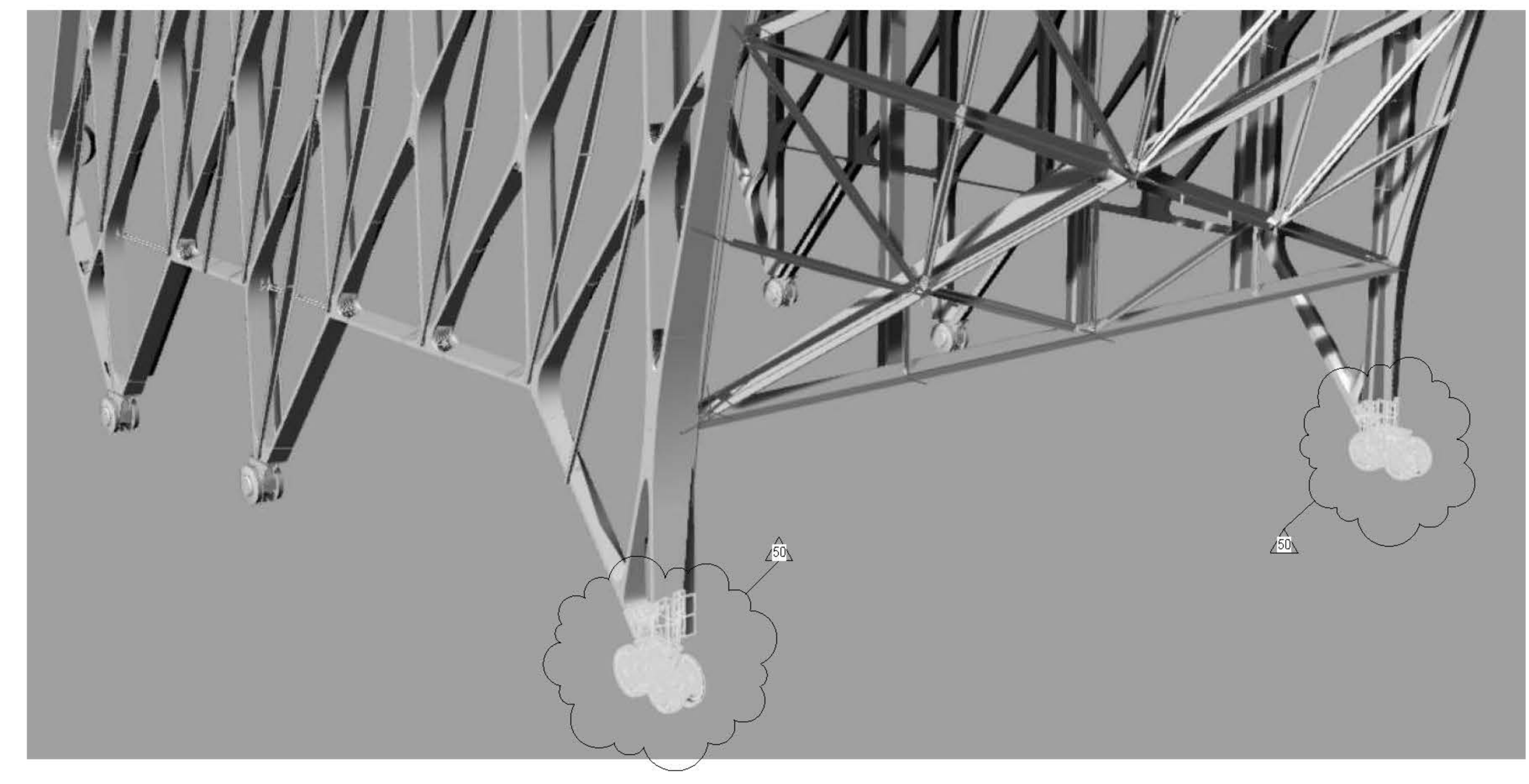
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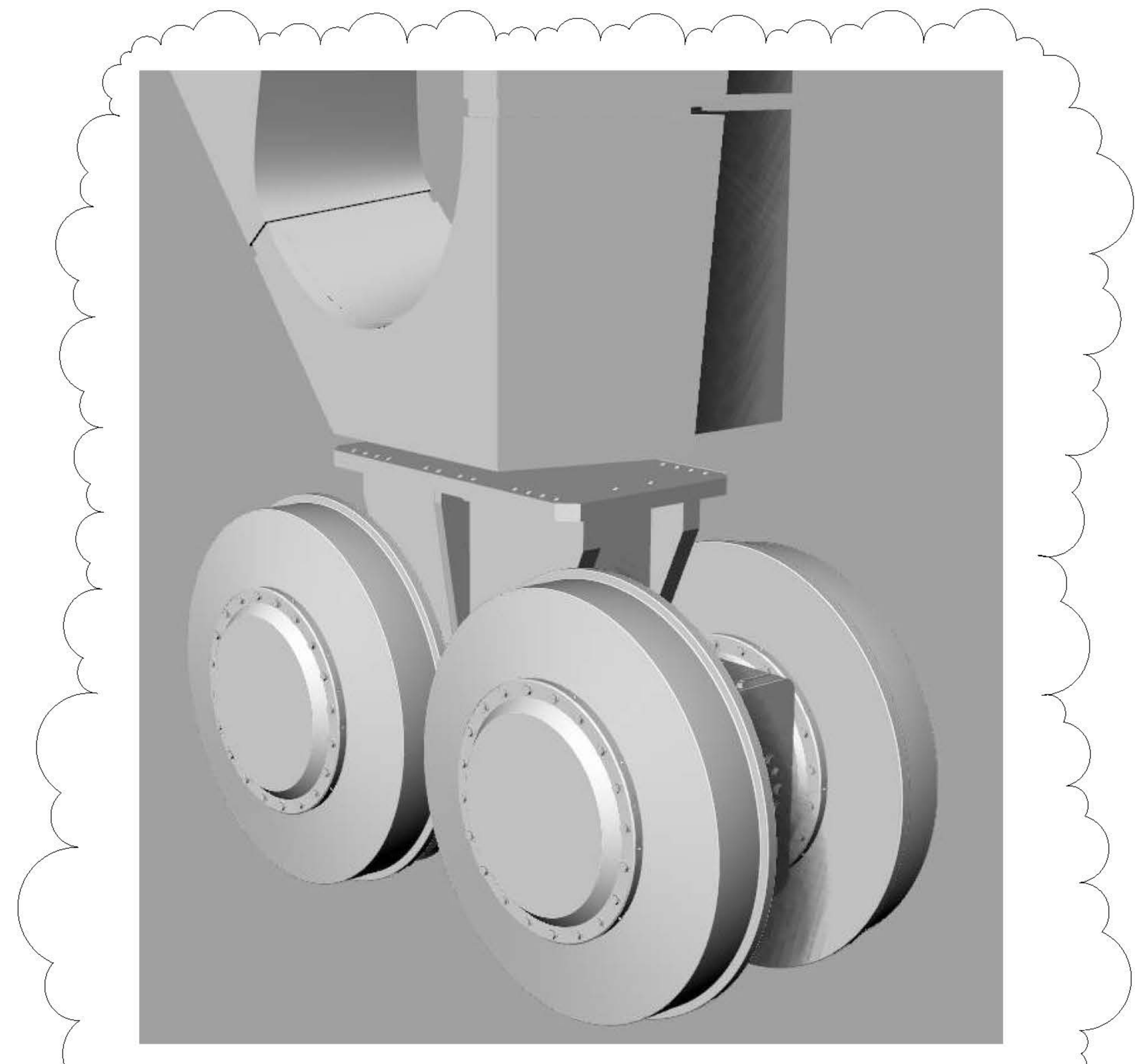
NOTES:
 ANY GIVEN POINT MAY BE OUT OF TOLERANCE BY +/- 0.125". PLEASE NOTE HOWEVER THAT NO KINKS OR SHARP CHANGES IN ANGLE ARE PERMITTED AND SURFACES ARE TO BE BLENDED/CONTOURED TO PROVIDE A SMOOTH AND CONTINUOUS ARRANGEMENT.



1 BOGIE - CONTEXT
 1/4" = 1'-0"

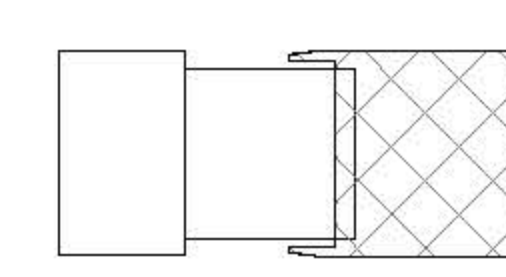


2 BOGIE - LOCATION
 3/16" = 1'-0"



3 BOGIE - DETAILS
 1/2" = 1'-0"

KEY PLAN



ISSUE

NO.	DESCRIPTION	DATE
63	60 - 60B AMENDMENT 7	03.19.2016
44	30 - 30B AMENDMENT 6	04.09.2016
21	CONSTRUCTION SET	10.09.2015
10	4 - 100% CONSTRUCTION DOCUMENTS	03.18.2016
9	90% CONSTRUCTION DOCUMENTS	02.16.2016
6	PRELIMINARY CDR SUBMISSION	12.10.2014
1	ADVANCED PROCUREMENT BID SET	06.16.2014

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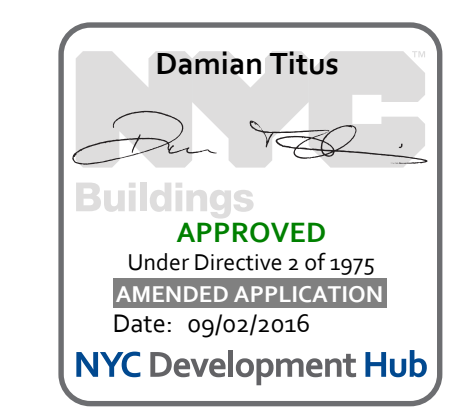
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PROJECT NUMBER
 N11318.00

TITLE
 STEEL TOLERANCES - BOGIES

DRAWING NO.
 S-009.01

B.SCAN NO.
 S-009.01



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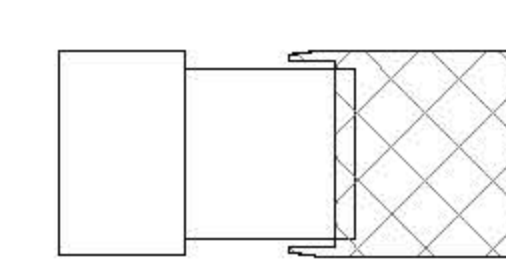
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KEY PLAN



ISSUE **PRINTING** **DATE**

ISSUE	PRINTING	DATE	
63	60	DOB AMENDMENT 7	03/19/2016
44	30	DOB AMENDMENT 6	04/02/2016
21		CONSTRUCTION SET	10/08/2015
10	4	100% CONSTRUCTION DOCUMENTS	03/18/2015
9		90% CONSTRUCTION DOCUMENTS	02/16/2015
6		PRELIMINARY CDS SUBMISSION	12/16/2014
1		ADVANCED PROCUREMENT BID SET	06/16/2014

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CHECKED BY Damian Titus

PROJECT NUMBER
N11318.00

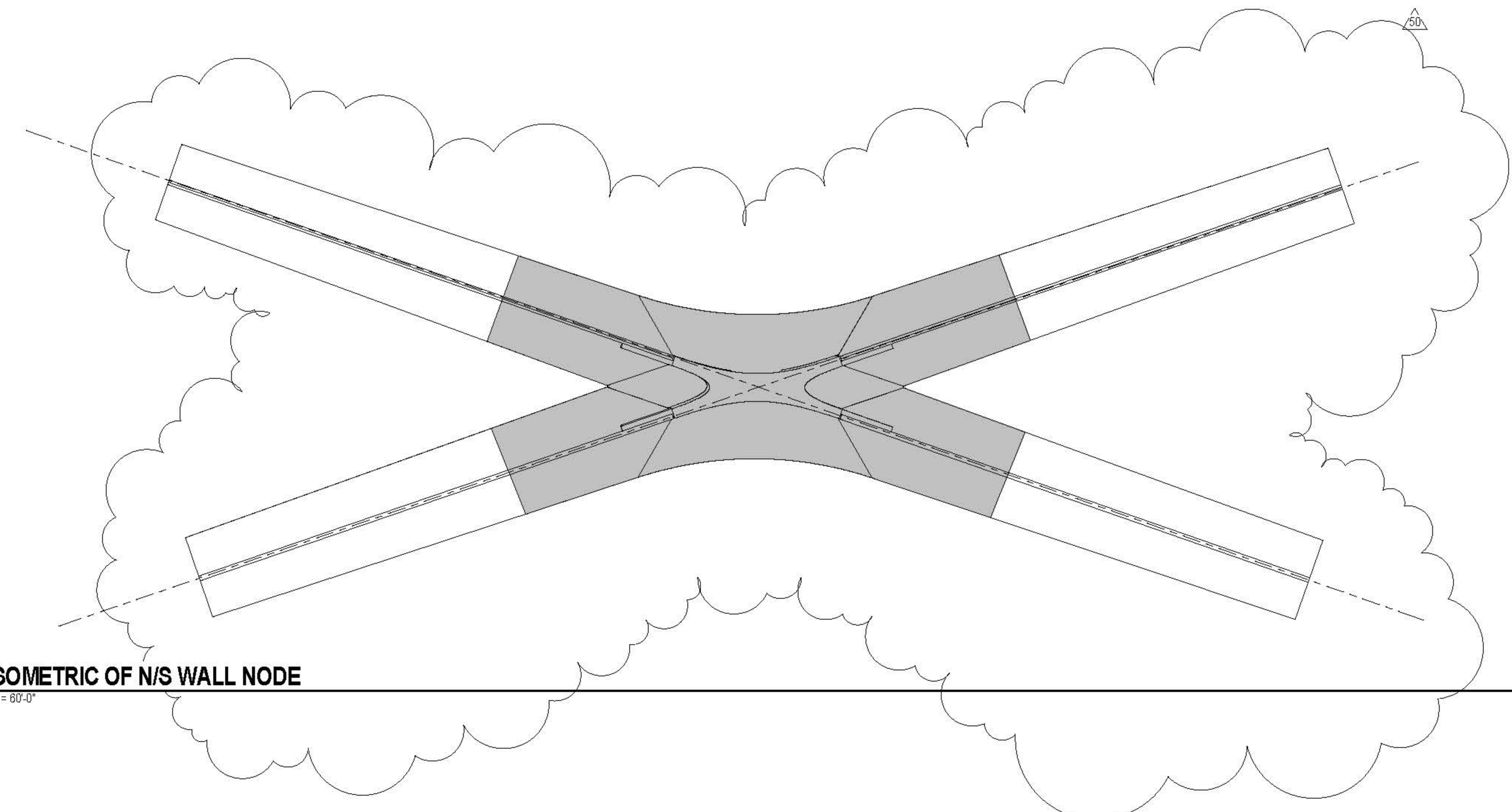
TITLE
STEEL TOLERANCES - NODES

DRAWING NO.
S-010.01

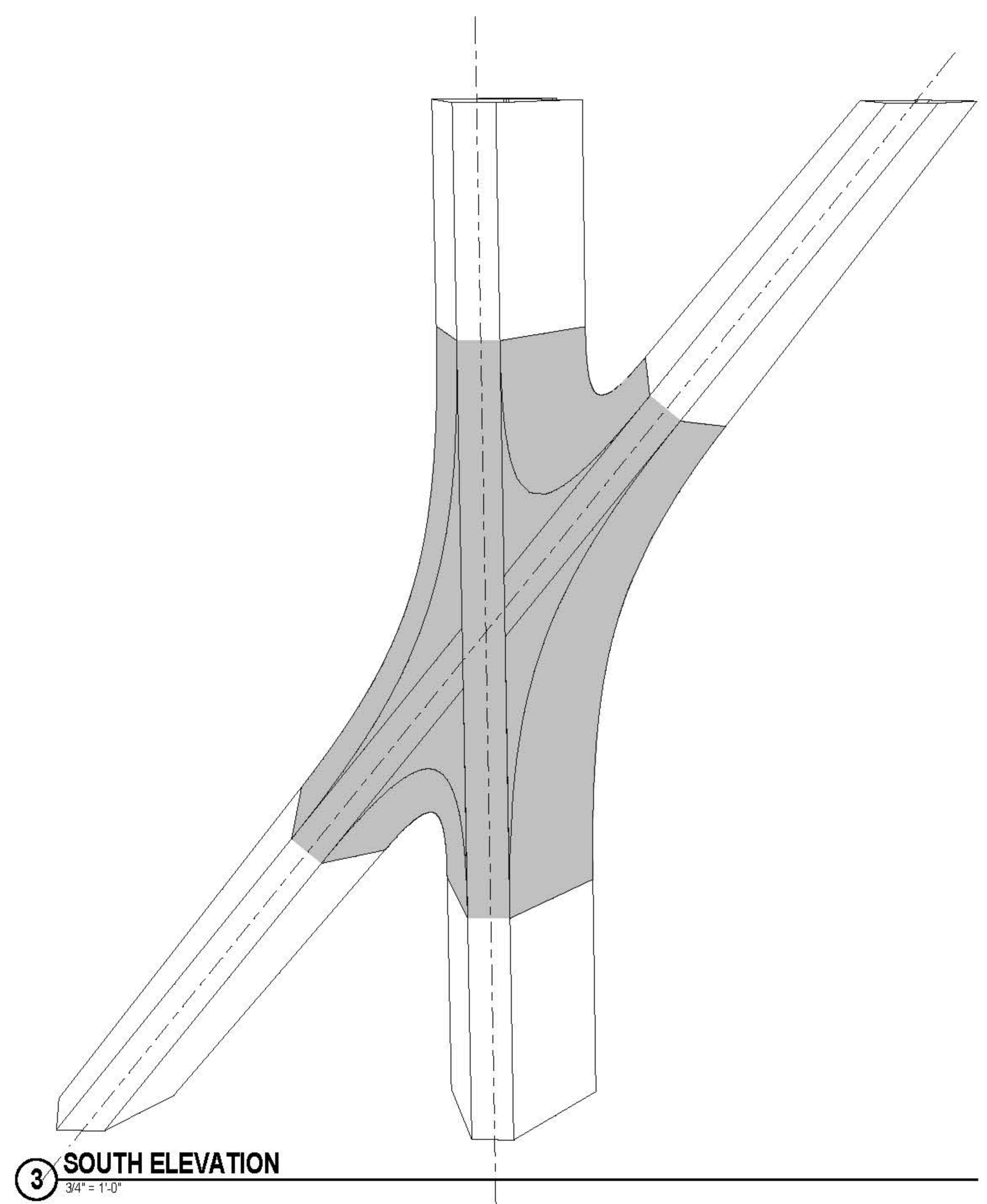
B.SCAN NO.
S-010.01

9 of 123

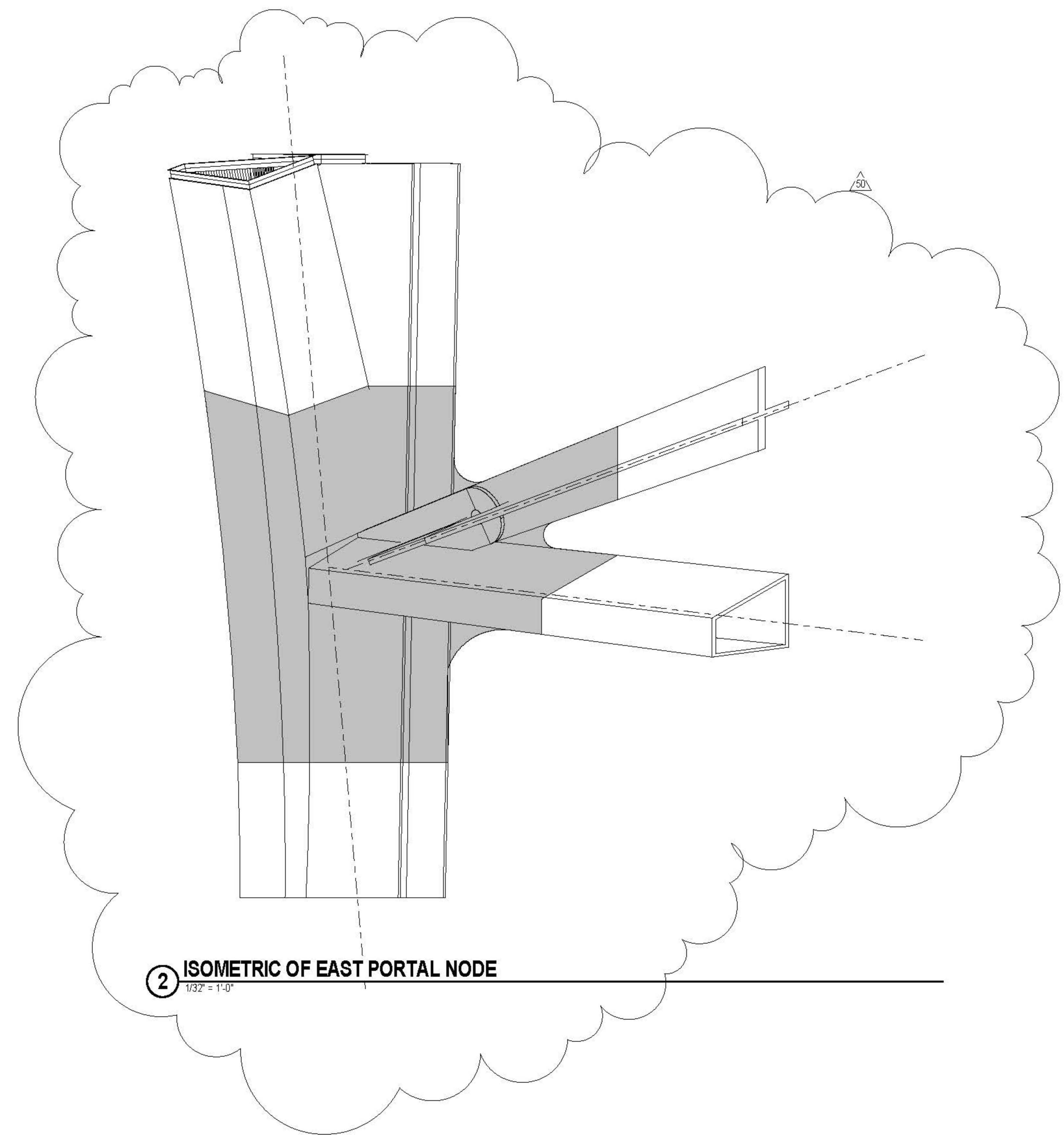
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1 ISOMETRIC OF N/S WALL NODE
1" = 60'0"



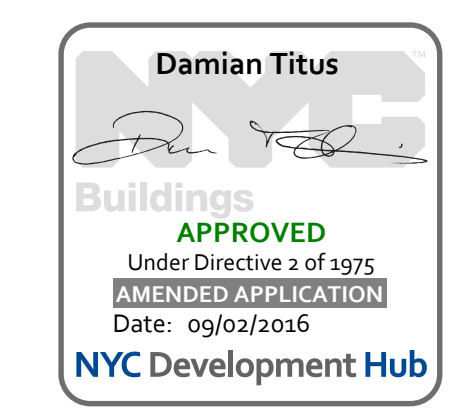
3 SOUTH ELEVATION
3/8" = 1'-0"



2 ISOMETRIC OF EAST PORTAL NODE
1/32" = 1'-0"

NOTES - ALL TYPICAL:

FOR EXPOSED NODES AS PART OF THE SHED STEELWORK ANY GIVEN POINT MAY BE OUT OF TOLERANCE BY +/- 0.125". PLEASE NOTE HOWEVER THAT NO KINKS OR SHARP CHANGES IN ANGLE ARE PERMITTED AND SURFACES ARE TO BE BLENDED/CONTOURED TO PROVIDE A SMOOTH AND CONTINUOUS ARRANGEMENT. ALIGNMENT WITH ADJACENT MEMBERS +/- 0.04" AT SPLINES PER S-108



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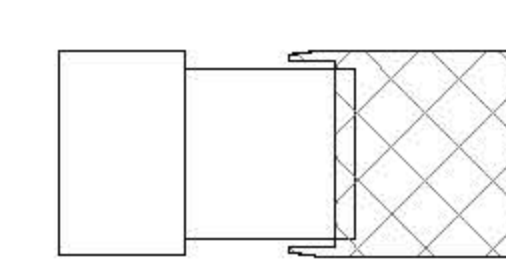
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KEY PLAN



ISSUE △ PRINTING DATE

61	50	DOB AMENDMENT 7	08.19.2016
44	39	DOB AMENDMENT 5	04.28.2016
25		CONSTRUCTION SET	10.09.2015
10	4	100% CONSTRUCTION DOCUMENTS	03.18.2015
9		90% CONSTRUCTION DOCUMENTS	02.16.2015

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Audrey

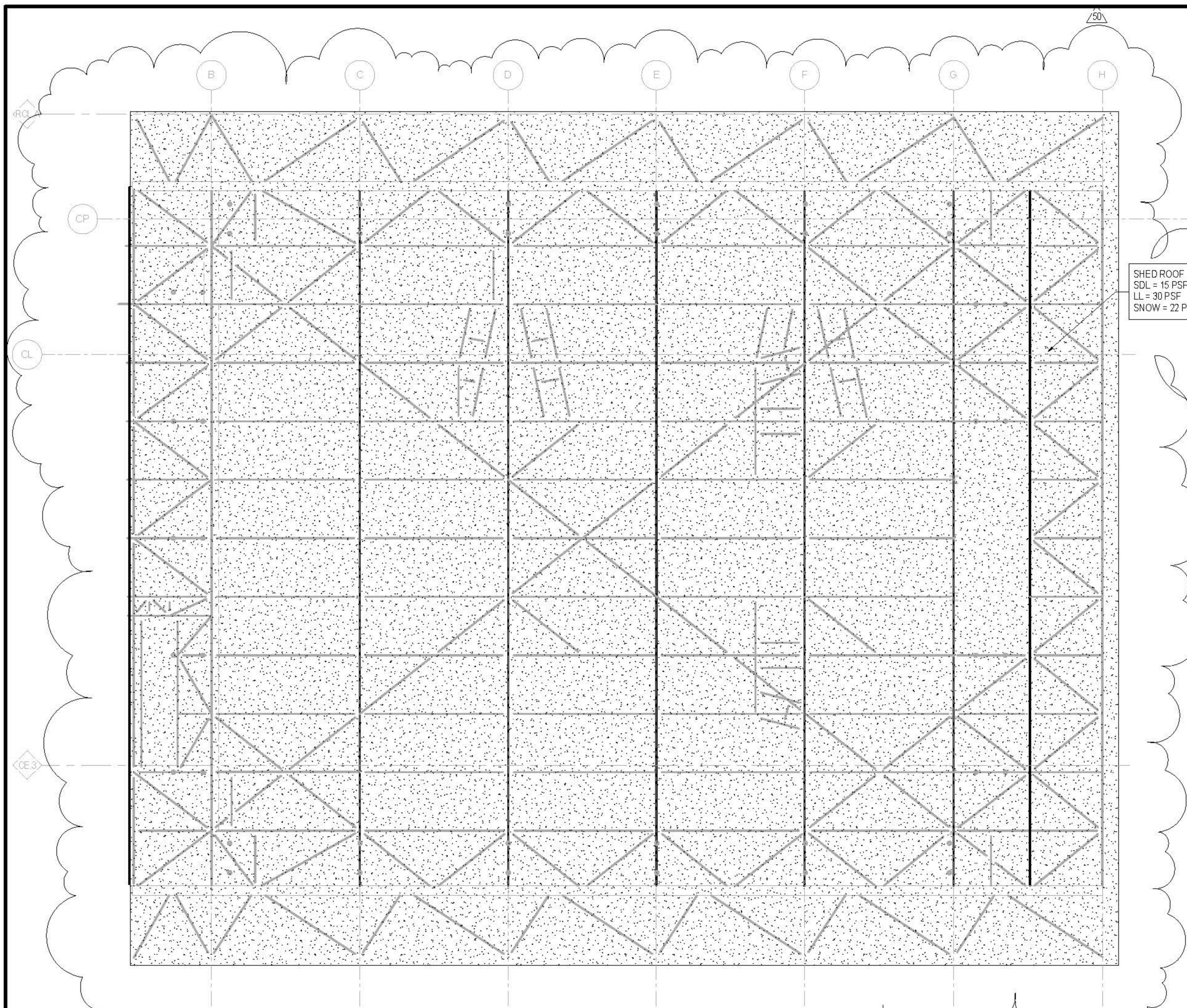
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PROJECT NUMBER
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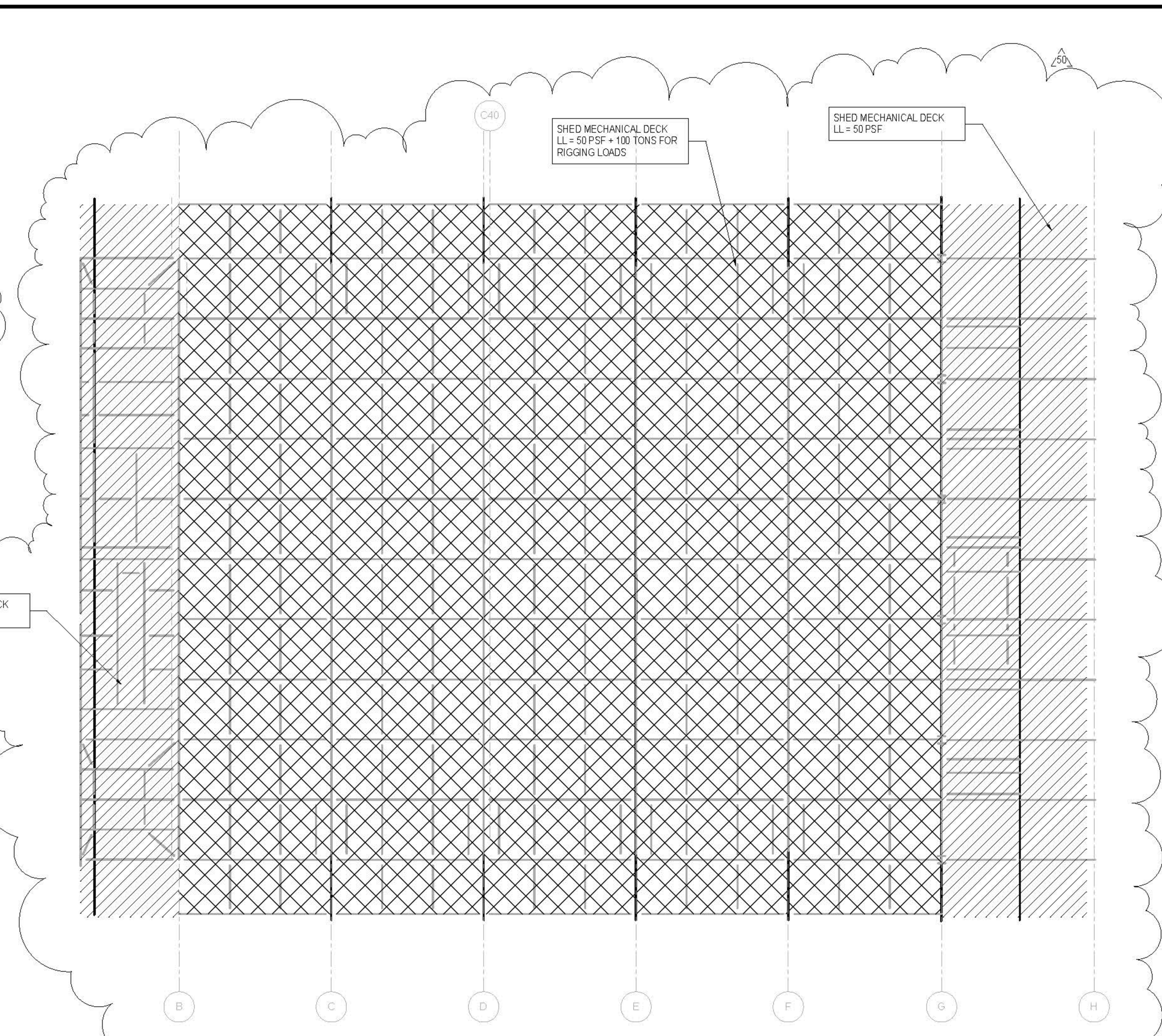
TITLE
LOADING DIAGRAMS II

DRAWING NO.
8-032.01

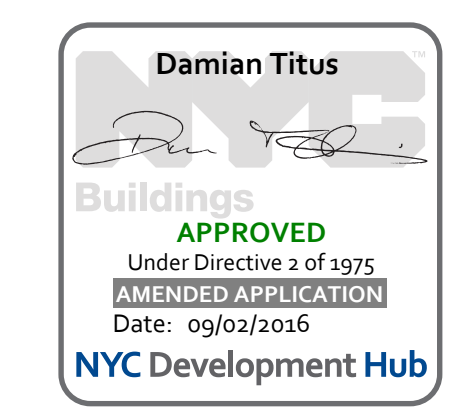
B-SCAN NO.
S-032.01



1 LOADING DIAGRAMS - SHED ROOF
1" = 10'-0"



3 LOADING DIAGRAMS - SHED MECHANICAL DECK
1" = 10'-0"



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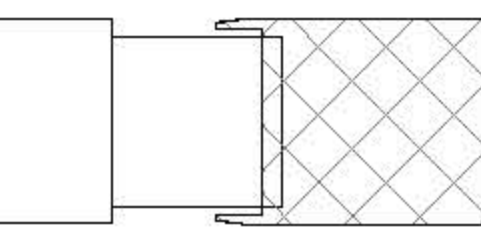
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KEY PLAN



ISSUE Δ PRINTING DATE

ISSUE Δ	PRINTING	DATE
63	60	DOB AMENDMENT 7 03.29.2016
44	30	DOB AMENDMENT 6 04.02.2016
21		CONSTRUCTION SET 10.08.2015
10	4	100% CONSTRUCTION DOCUMENTS 03.18.2015
9		90% CONSTRUCTION DOCUMENTS 02.16.2015
6		PRELIMINARY DOB SUBMISSION 12.10.2014
1		ADVANCED PROCUREMENT BID SET 06.16.2014

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CHECKED BY: Chris

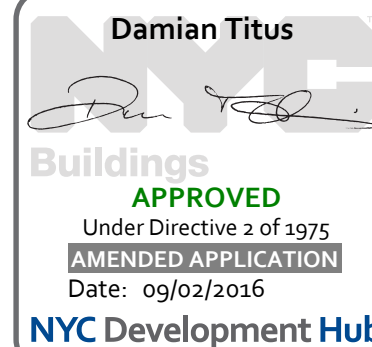
PROJECT NUMBER: NY1318.00

TITLE: AXONOMETRIC - DEPLOYED SHED (SE)

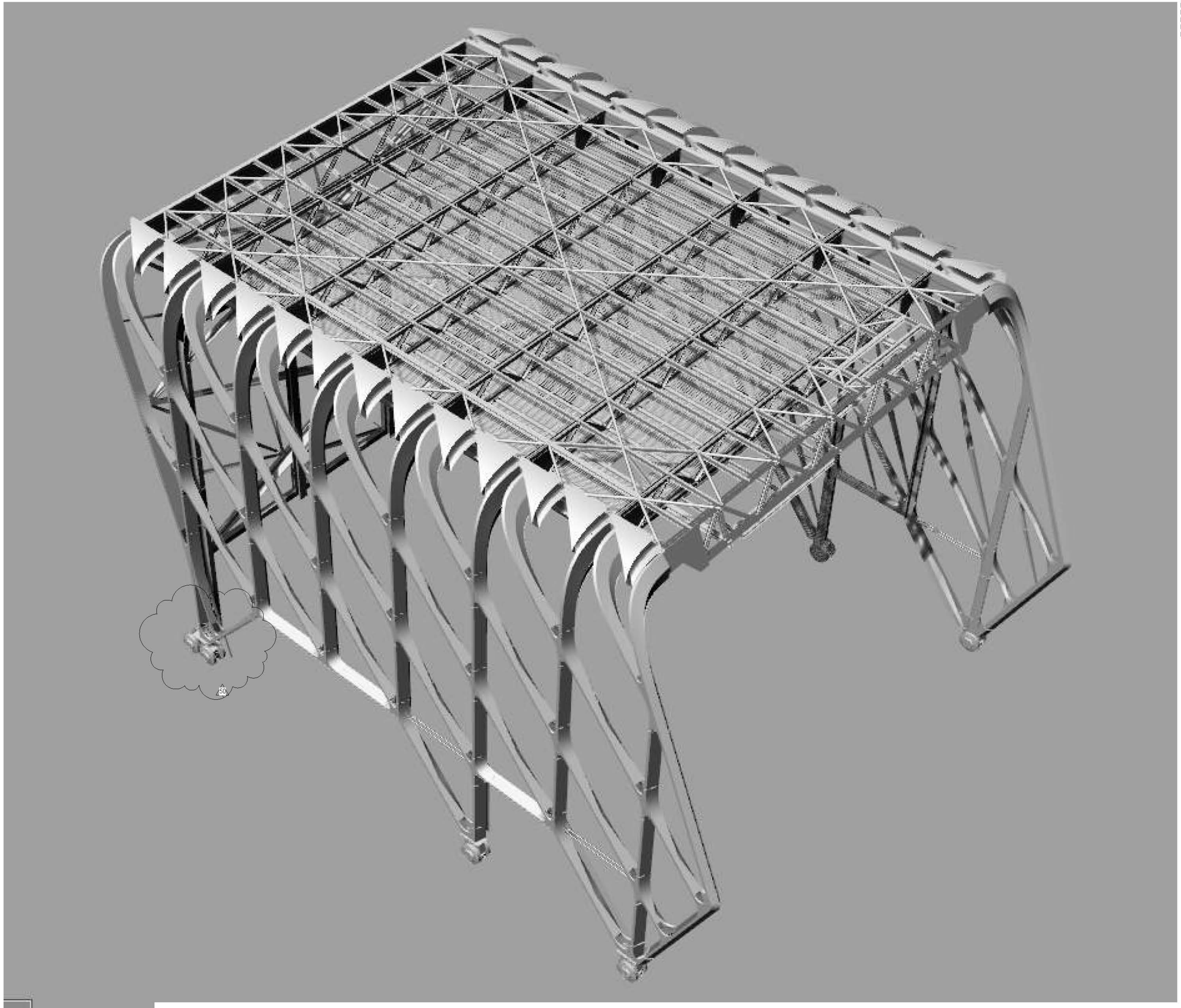
DRAWING NO.: S-052.01

B.SCAN NO.: S-052.01

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NOTE: AXONOMETRIC VIEWS SHOW PRIMARY STEEL/TERTIARY AND QUAD ELEMENTS. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR LAYOUT, CONFIGURATION AND DETAILS.
OPERABLE DOORS, MOVING MECHANISM, SECONDARY STEEL AND MECHANICAL DECK OMITTED FOR CLARITY.



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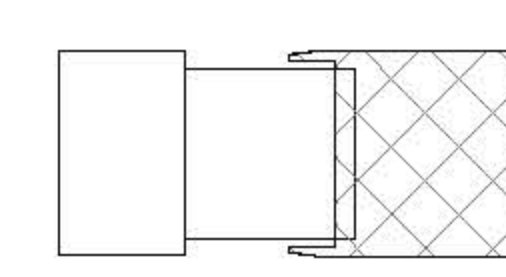
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KEY PLAN



ISSUE Δ PRINTING DATE

ISSUE Δ	PRINTING	DATE	
63	60	DOB AMENDMENT 7	03/19/2016
44	30	DOB AMENDMENT 6	04/02/2016
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10	4	100% CONSTRUCTION DOCUMENTS	03/18/2015
9		90% CONSTRUCTION DOCUMENTS	02/16/2015
6		PRELIMINARY DOB SUBMISSION	12/10/2014
1		ADVANCED PROCUREMENT BID SET	06/16/2014



DRAWN BY: **Autrey** CHECKED BY: **Chris**

PROJECT NUMBER: **N1318.00**

TITLE: **AXONOMETRIC - DEPLOYED SHED (MV)**

DRAWING NO.: **S-053.01**

B.SCAN NO.: **S-053.01**

17 of 123



NOTE: AXONOMETRIC VIEWS SHOW PRIMARY STEEL/TERTIARY AND QUAD ELEMENTS. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR LAYOUT, CONFIGURATION AND DETAILS.

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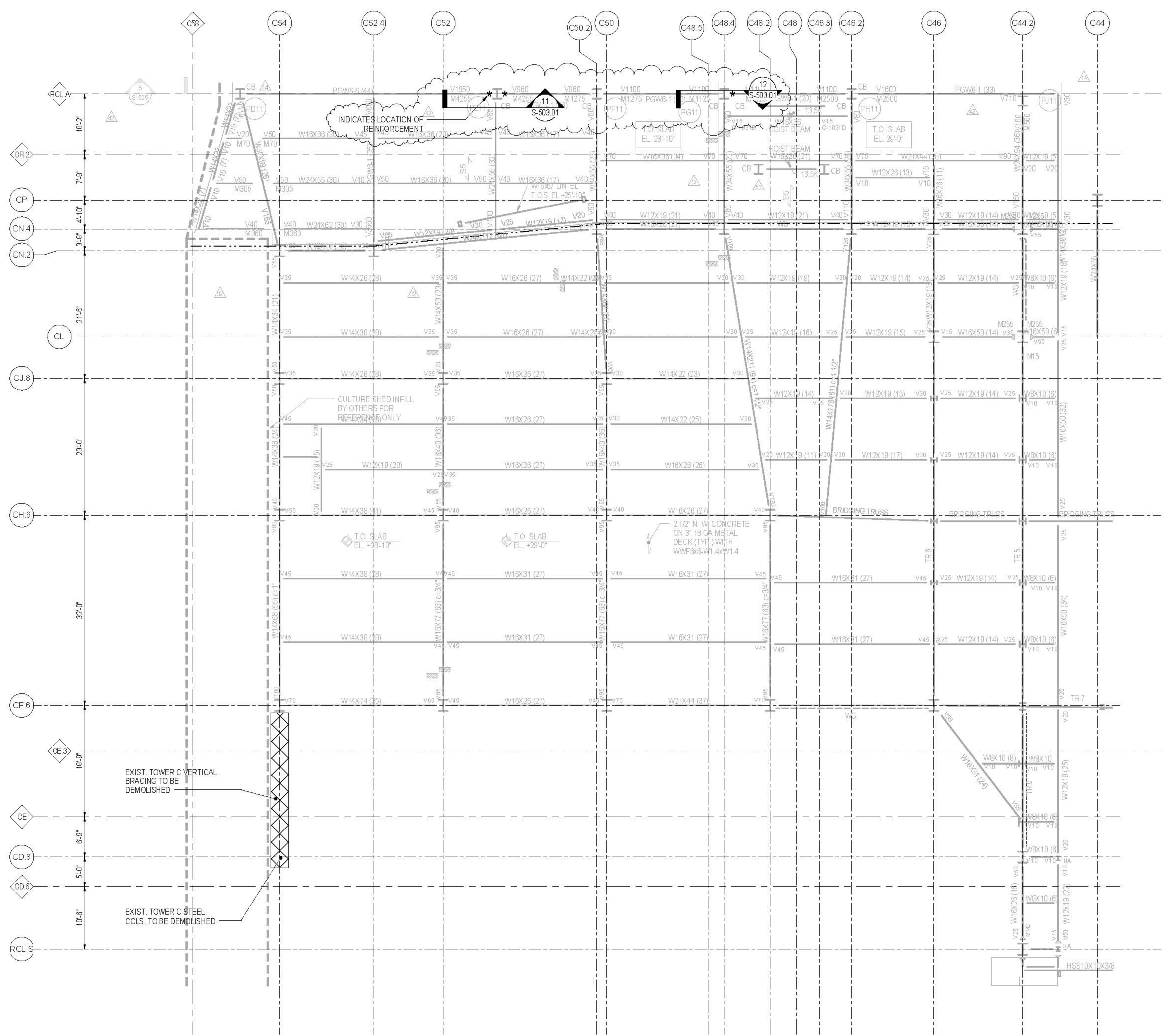
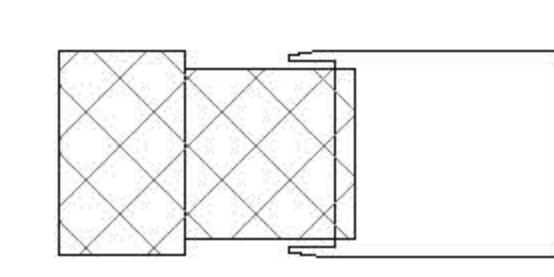
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KEY PLAN



1 LEVEL 01 OVERALL DEMOLITION AND SLAB INFILL KEY PLAN
1/8" = 1'-0"

ISSUE	PRINTING	DATE
01	018 AMENDMENT 7	08.19.2016
02	ASME'S BULLETIN #6	09.17.2015
10	100% CONSTRUCTION DOCUMENTS	03.18.2016
9	90% CONSTRUCTION DOCUMENTS	02.16.2016
6	PRELIMINARY CDR SUBMISSION	12.16.2014
1	ADVANCED PROCUREMENT BID SET	06.16.2014

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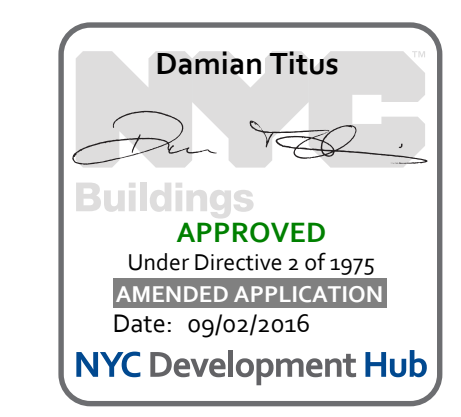
PROJECT NUMBER: N11318.00

TITLE: DEMOLITION AND INFILL PLAN, FIXED BUILDING LEVEL 01

DRAWING NO.: 8-D101.01

B.SCAN NO.: S-081.01

19 of 123

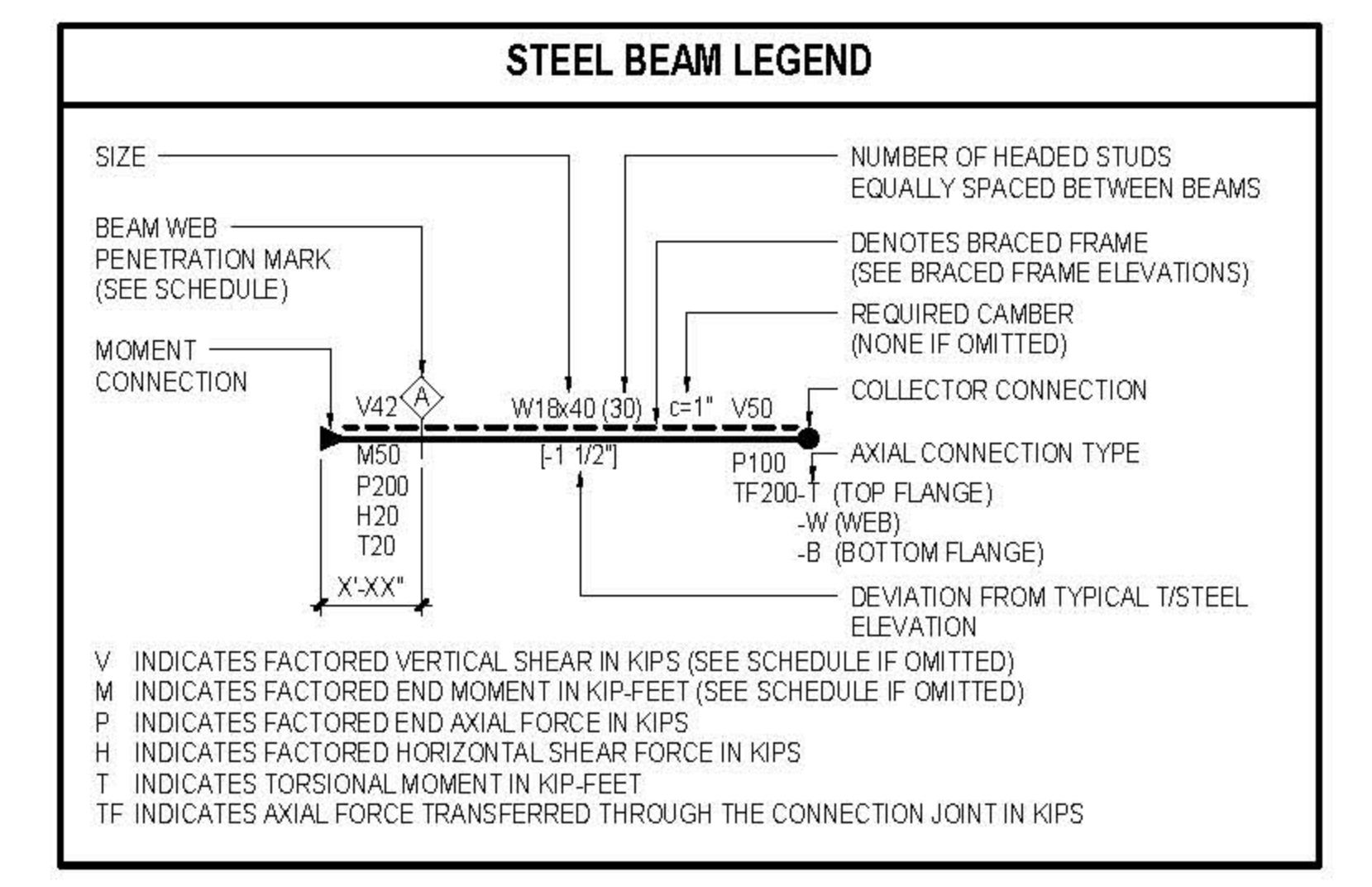


SHEET NOTES:

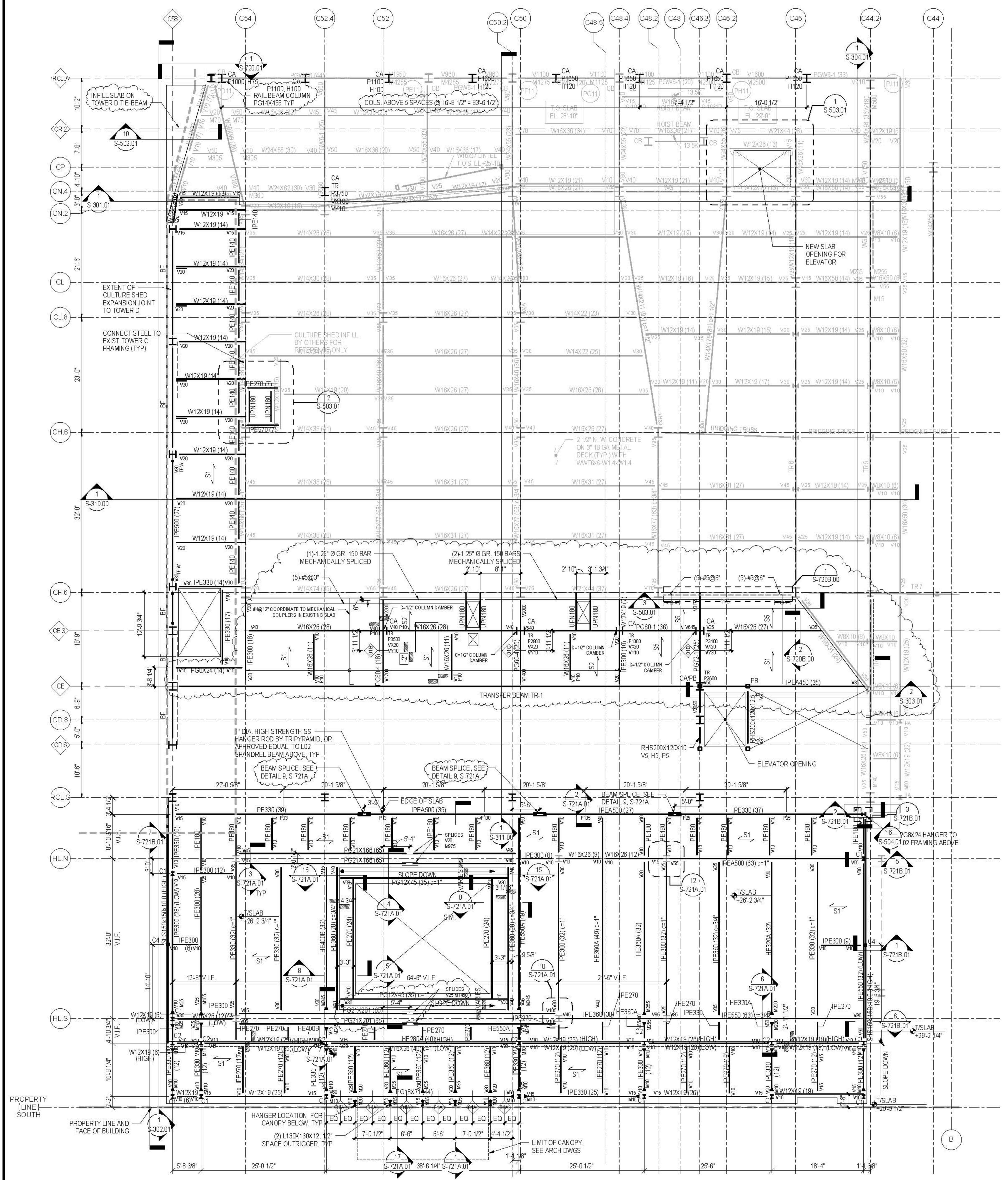
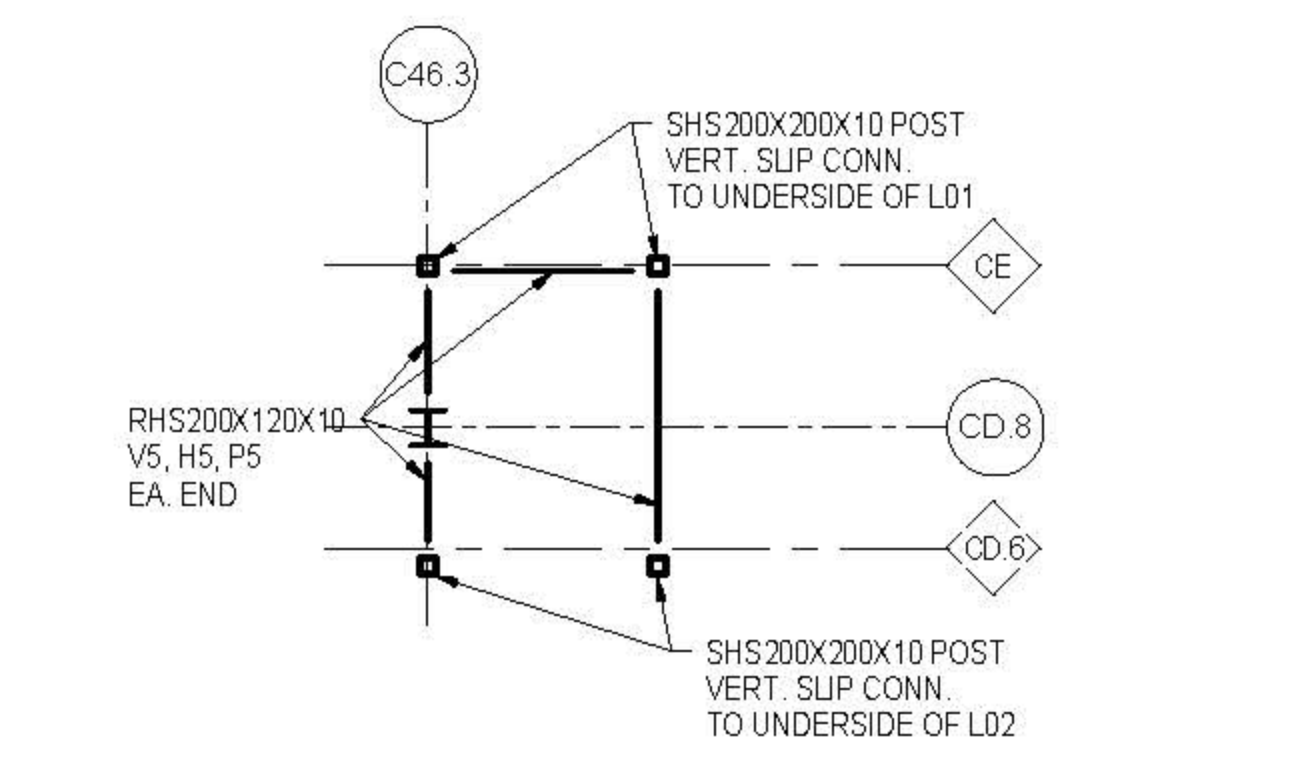
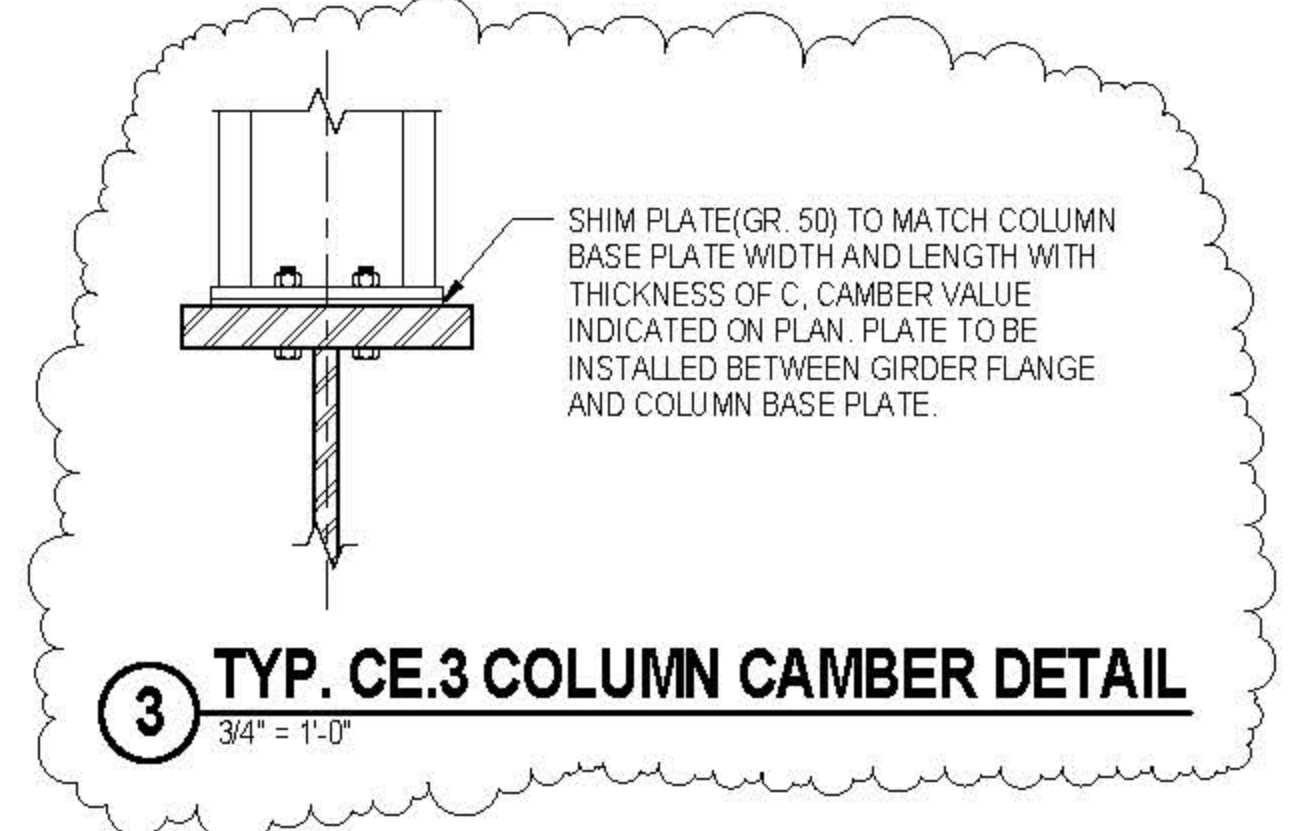
1. T/STEEL SLAB EL+28'-0" UON
2. T/STEEL EL+28'-6 1/2"
3. INDICATES DECK SPAN DIRECTION, REFER TO COMPOSITE STEEL DECK SCHEDULE INFORMATION.
4. FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:
DRAWING LISTS, GENERAL NOTES, AND S-000 SERIES DRAWINGS
LOADING DIAGRAMS
5. LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES, AND DETAILS S-300 SERIES DRAWINGS
6. STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS S-700 SERIES DRAWINGS
7. STEEL COLUMN SCHEDULES AND DETAILS S-800 SERIES DRAWINGS
8. AT STAIRS, SEE TYPICAL DETAILS FOR TC, TCS, AND KICKER REQUIREMENTS 1, 2 & 3S-704
9. REFER TO ARCH DWGS FOR LOCATION AND SIZE OF OPENINGS. SEE ALSO GENERAL NOTE GR-18 AND TYPICAL DETAIL 1/S-713

- SYMBOLS:
- INDICATES MOMENT CONNECTION
 - INDICATES DEEP BEAM BOTTOM FLANGE BRACING CONNECTION SEE DETAIL 6/S-703
 - INDICATES FULL HEIGHT FITTED STIFFENER CONNECTION SEE DETAIL 4/S-703
 - INDICATES FULL HEIGHT UNFITTED STIFFENER CONNECTION SEE DETAIL 5/S-703
 - INDICATES KICKER AT SPANDREL BEAM CONNECTION SEE DETAIL 3/S-703
 - INDICATES SLOPE IN TOP OF SLAB
 - INDICATES BEAM SPLICE CONNECTION, SEE SECTION 14, S-721

8. NOTATIONS:
- BF INDICATES LATERAL BRACED FRAME
 - CA/CB INDICATES COLUMN ABOVE/BELOW, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/S-702 & 2/S-702
 - CBX INDICATES CASTELLATED BEAM. SEE SCHEDULE 1/S-402
 - DB INDICATES HSSB4X38 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
 - HAHB INDICATES HANGER ABOVE/BELOW, TENSION AXIAL FORCE IN HANGER BELOW INDICATED WHERE APPLICABLE. SEE DETAIL 3/S-702
 - MF INDICATES LATERAL MOMENT FRAME
 - PCX INDICATES COLUMN FROM ABOVE TRANSFERS, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/S-702
 - PCXT INDICATES TAPERED PLATE GIRDER. SEE DETAIL 1/S-704
 - TC INDICATES TORSIONAL CONNECTION FOR STAIR. SEE DETAIL 1/S-704
 - TR INDICATES COLUMN FROM ABOVE TRANSFERS, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/S-702
 - C1 INDICATES PG8X24 COLUMN BELOW
 - C2 INDICATES PG8X24 COLUMN FROM LOWER ROOF TO UPPER ROOF LEVEL
 - C3 INDICATES PG8X24 COLUMN FROM LEVEL 00 TO UPPER ROOF LEVEL
 - C4 INDICATES SHS150X150X10 POST FROM LOWER ROOF TO TOP OF PARAPET, SEE SECTION



SLAB MARK	TOTAL SLAB THICKNESS AND CONCRETE TYPE	STEEL DECK (MIN)	CONCRETE TOPPING SLAB	SLAB REINFORCEMENT	NOTES
S1	5 1/2" NWC	3'-18 GA		6 x 6 - W4 D x W4 D WWR	
S2	7 1/2" NWC	3'-18 GA		4 x 4 - W4 D x W4 D WWR	
S3	8" NWC	3'-18 GA		#4 @ 16" O.C. EACH WAY	
S4	4" NWC	1 1/2" - 18 GA		6 x 6 - W29 x W29 WWR	
S5	8 1/2" NWC	3'-18 GA		#4 @ 12" O.C. N.S. #4 @ 18" O.C. E-W	N.S. BARS COORDINATED TO MECHANICAL COUPLERS IN EXISTING SLAB



ISSUE

NO.	DESCRIPTION	DATE
01	DOB AMENDMENT 7	03/19/2016
02	ADD WRS	04/01/2016
03	ADV. PROCEEDMENT ADDENDUM 6	04/16/2016
04	100% CONSTRUCTION DOCUMENTS	03/18/2016
05	REVISIONS CONSTRUCTION DOCUMENTS	02/26/2016
06	ADV. PROCEEDMENT ADDENDUM 1	10/09/2014
07	ADVANCED PROCEEDMENT BID SET	06/16/2014

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DRAWN BY
N11318.00

CHECKED BY
CHIEF

TITLE
FRAMING PLAN, FIXED BUILDING - LEVEL 01

DRAWING NUMBER
S-101.01

B.SCAN NO.
S-101.01

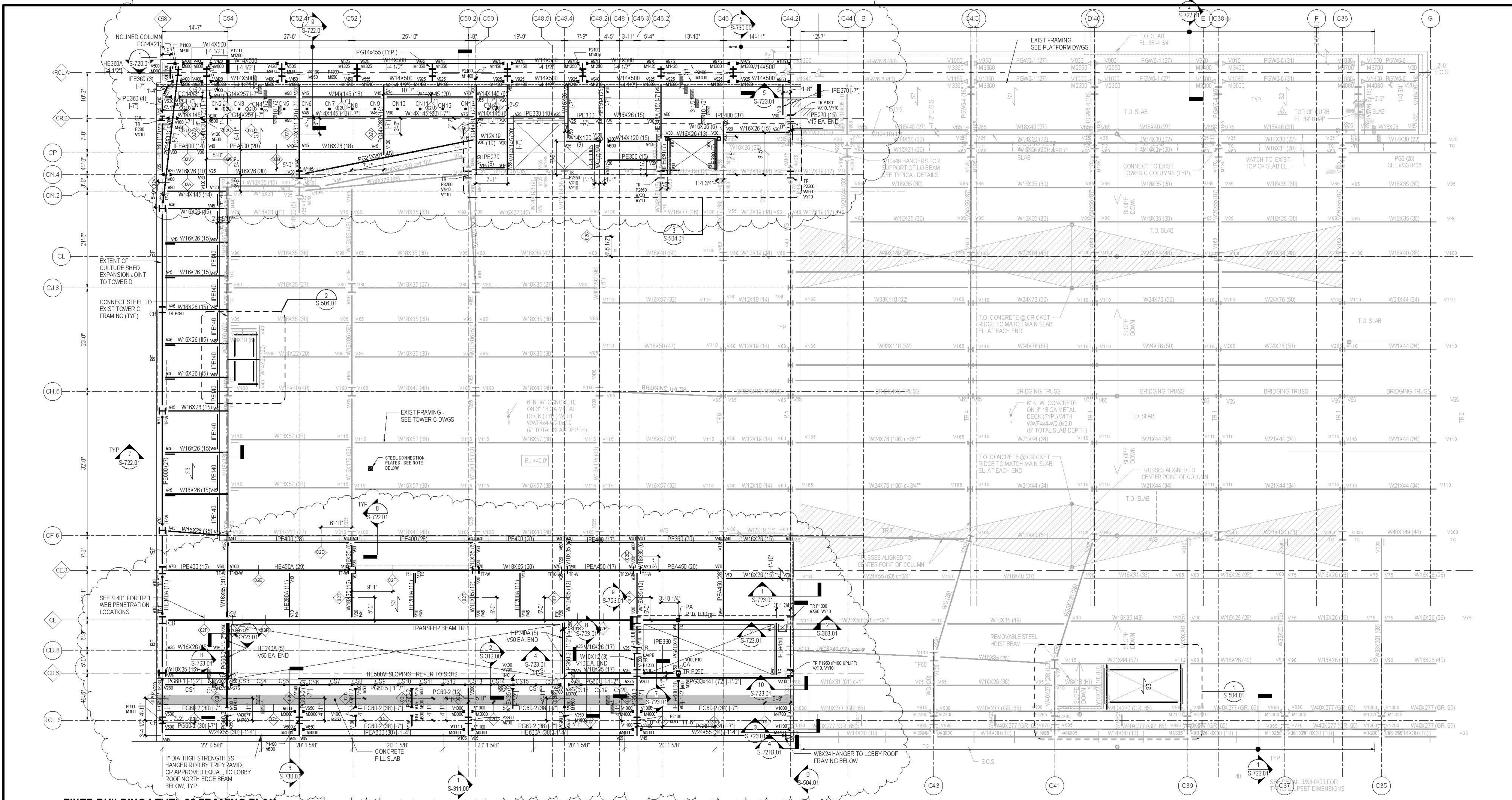
23 of 123

ISSUE	PRINTING	DATE
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19	19	08/19/2016
20	20	08/19/2016



DRAWN BY: Author
 CHECKED BY: Checker
 PROJECT NUMBER: #111718-02
 TITLE: FRAMING PLAN, FIXED BUILDING - LEVEL 02

DRAWING NO.: S-102.01
 B.SCAN NO.: S-102.01



1 FIXED BUILDING LEVEL 02 FRAMING PLAN
 1/8" = 1'-0"

- SHEET NOTES:**
1. T/STRUCTURAL SLAB EL. +40'-0" UON.
 2. T/STEEL EL. +39'-3"
 3. INDICATES DECK SPAN DIRECTION, REFER TO COMPOSITE STEEL DECK SCHEDULE INFORMATION.
 4. FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:
 DRAWING LISTS, GENERAL NOTES, AND S-000 SERIES DRAWINGS
 LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES, AND DETAILS S-300 SERIES DRAWINGS
 STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS S-700 SERIES DRAWINGS
 STEEL COLUMN SCHEDULES AND DETAILS S-800 SERIES DRAWINGS
 5. AT STAIRS, SEE TYPICAL DETAILS FOR TC, TCS, AND KICKER REQUIREMENTS 1, 2 & 3/5-104
 6. REFER TO ARCH DWGS FOR LOCATION AND SIZE OF OPENINGS. SEE ALSO GENERAL NOTE GR-18 AND TYPICAL DETAIL 1/5-713

- 7. SYMBOLS:**
- INDICATES MOMENT CONNECTION
 - INDICATES DEEP BEAM BOTTOM FLANGE BRACING CONNECTION SEE DETAIL 9/5-703
 - INDICATES FULL HEIGHT FITTED STIFFENER CONNECTION SEE DETAIL 4/5-703
 - INDICATES FULL HEIGHT UNFITTED STIFFENER CONNECTION SEE DETAIL 5/5-703
 - INDICATES KICKER AT SPANDREL BEAM CONNECTION SEE DETAIL 9/5-703
 - INDICATES SLOPE IN TOP OF SLAB
- 8. NOTATIONS:**
- BF INDICATES LATERAL BRACED FRAME
 - CANCB SEE BRACED FRAME ELEVATIONS FOR BEAM INFORMATION AND CONNECTION FORCES
 - INDICATES COLUMN ABOVE/BELOW. COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/5-702 & 2/5-702
 - INDICATES CASTELLATED BEAM. SEE SCHEDULE 1/5-402
 - INDICATES HS38x439 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
 - INDICATES HANGER ABOVE/BELOW. TENSION AXIAL FORCE IN HANGER BELOW INDICATED WHERE APPLICABLE. SEE DETAIL 3/5-702
 - INDICATES LATERAL MOMENT FRAME
 - SEE MOMENT FRAME ELEVATIONS FOR BEAM INFORMATION AND CONNECTION FORCES
 - INDICATES PLATE GIRDER TYPE. SEE S-703 FOR PLATE GIRDER SCHEDULE.
 - INDICATES TAPERED PLATE GIRDER. SEE DETAIL 3/5-724
 - INDICATES TORSIONAL CONNECTION FOR STAIR. SEE DETAIL 1/5-704
 - INDICATES COLUMN FROM ABOVE TRANSFERS. COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/5-702
- 9. STEEL PLATES FOR TEMPORARY PARTITION SUPPORTS EMBEDDED IN NEW SLAB ON METAL DECK OR ANCHORED THROUGH EXISTING SLAB TO BE PROVIDED AT APPROX. 10 FT X 10 FT SPACINGS THROUGHOUT GALLERIES ON LEVEL 02 AND LEVEL 04. REFER TO ARCH DWGS. FOR LAYOUT AND DETAILS.**

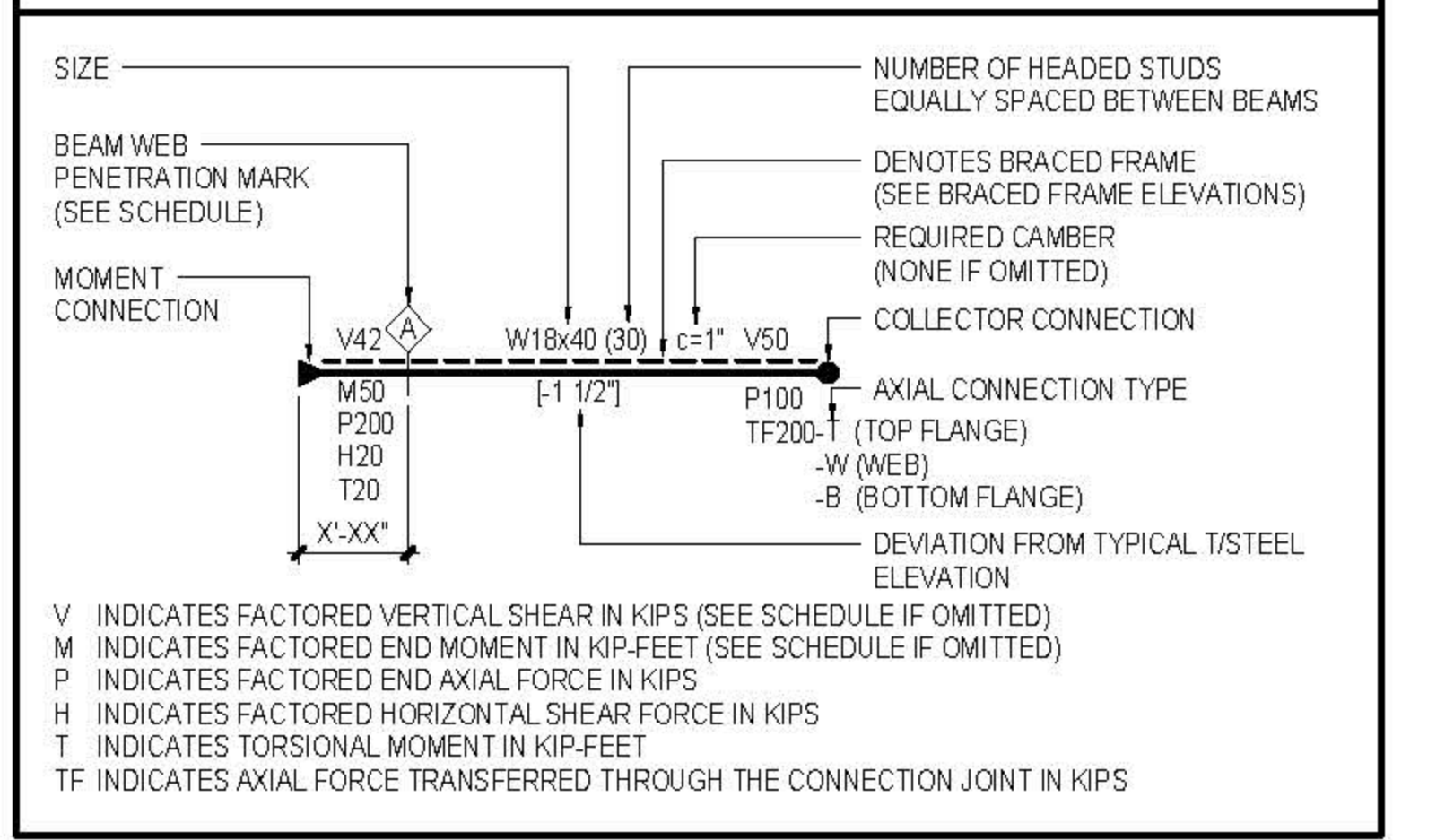
CABLE-TOP ANCHOR FORCES AND DISPLACEMENTS				
SOUTH WALL				
CABLE	MAX. ULT. TENSION [KIPS]	CABLE PRE-STRESS [KIPS]	PRE STRESS Δ [IN.]	CAMBER @ CABLE C.L. [IN.]
C51	120	110		
C52	80	70		
C53	65	55		
C54	65	55		
C55	60	55		
C56	65	55		
C57	65	55		
C58	65	55		
C59	65	55		
C510	65	55		
C511	65	55		
C512	60	50		
C513	55	45		
C514	55	45		
C515	55	45		
C516	55	45		
C517	60	45		
C518	60	45		
C519	60	50		
C520	100	90		

CONTRACTOR TO SUBMIT TO S.E.R. PRE-STRESSING SEQUENCE FOR COMMENT AND APPROVAL. CONNECTING STEEL WORK TO BE VERIFIED FOR CONTRACTOR'S PROPOSED SEQUENCING.

NOTE: DOWNWARD DISPLACEMENT VALUES INDICATED AS NEGATIVE.

NORTH WALL				
CABLE	MAX. ULT. TENSION [KIPS]	CABLE PRE-STRESS [KIPS]	PRE STRESS Δ [IN.]	CAMBER @ CABLE C.L. [IN.]
CN1	95	90		
CN2	60	45		
CN3	45	35		
CN4	40	25		
CN5	35	25		
CN6	40	25		
CN7	40	25		
CN8	40	25		
CN9	40	25		
CN10	40	25		
CN11	40	25		
CN12	45	35		
CN13	60	45		
CN14	100	90		

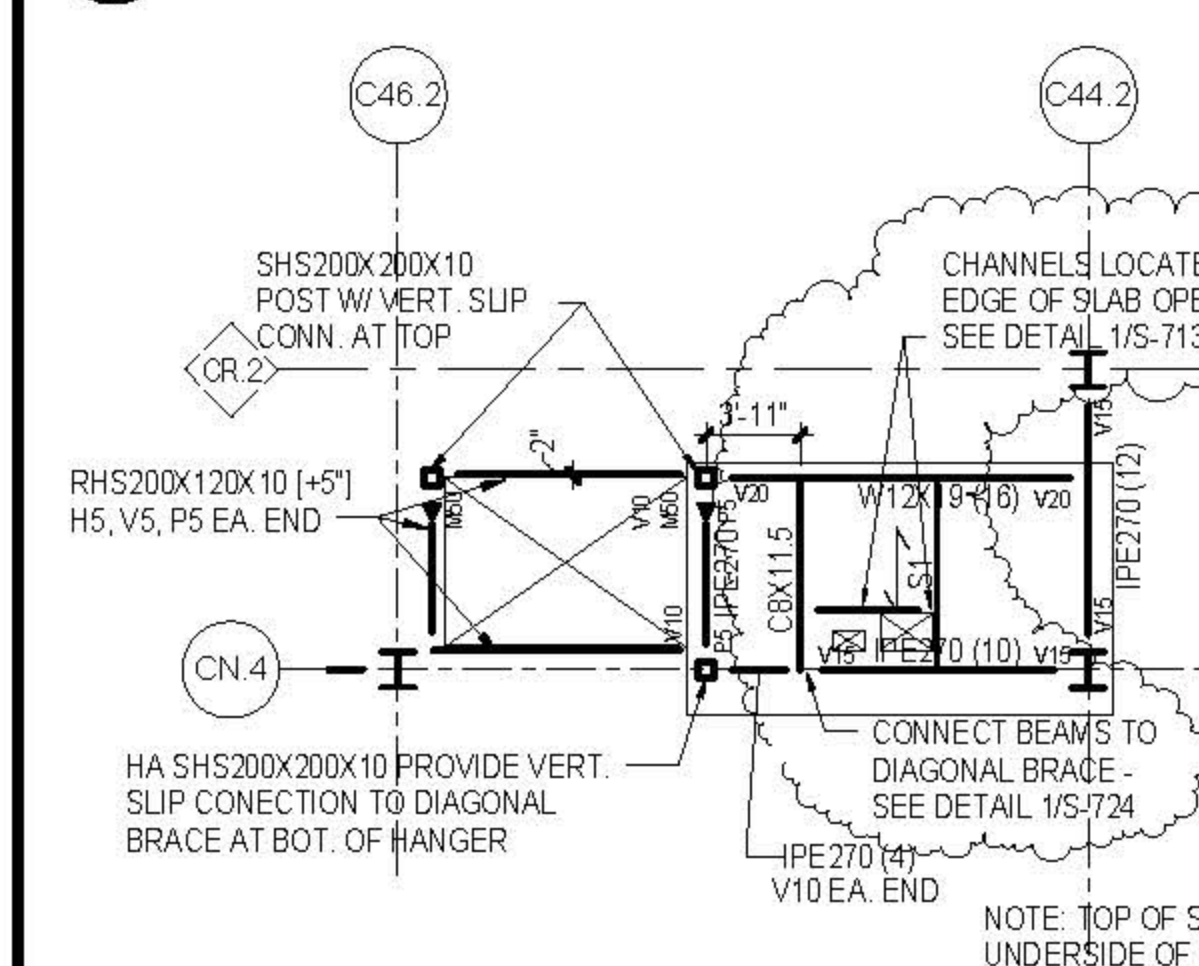
STEEL BEAM LEGEND



COMPOSITE STEEL DECK SCHEDULE

SLAB MARK	TOTAL SLAB THICKNESS AND CONCRETE TYPE	STEEL DECK (MIN)	CONCRETE TOPPING SLAB	SLAB REINFORCEMENT	NOTES
S1	5 1/2" NWC	3'-18 GA		8 x 8 - W4.0 x W4.0 WWR	
S2	7 1/2" NWC	3'-18 GA		4 x 4 - W4.0 x W4.0 WWR	
S3	9" NWC	3'-18 GA		#4 @ 18" O.C. EACH WAY	
S4	4" NWC	1 1/2" 18 GA		8 x 8 - W2.9 x W2.9 WWR	
SS	8 1/2" NWC	3'-18 GA		#4 @ 12" O.C. N-S #4 @ 18" O.C. E-W	N-S BARS COORDINATED TO MECHANICAL COUPLERS IN EXISTING SLAB

2 PART PLAN AT T/STEEL EL. 53'-9" / 12
 1/8" = 1'-0"



3 PART PLAN MEZZANINE 02 T/SLAB EL. 53'-10"
 1/8" = 1'-0"



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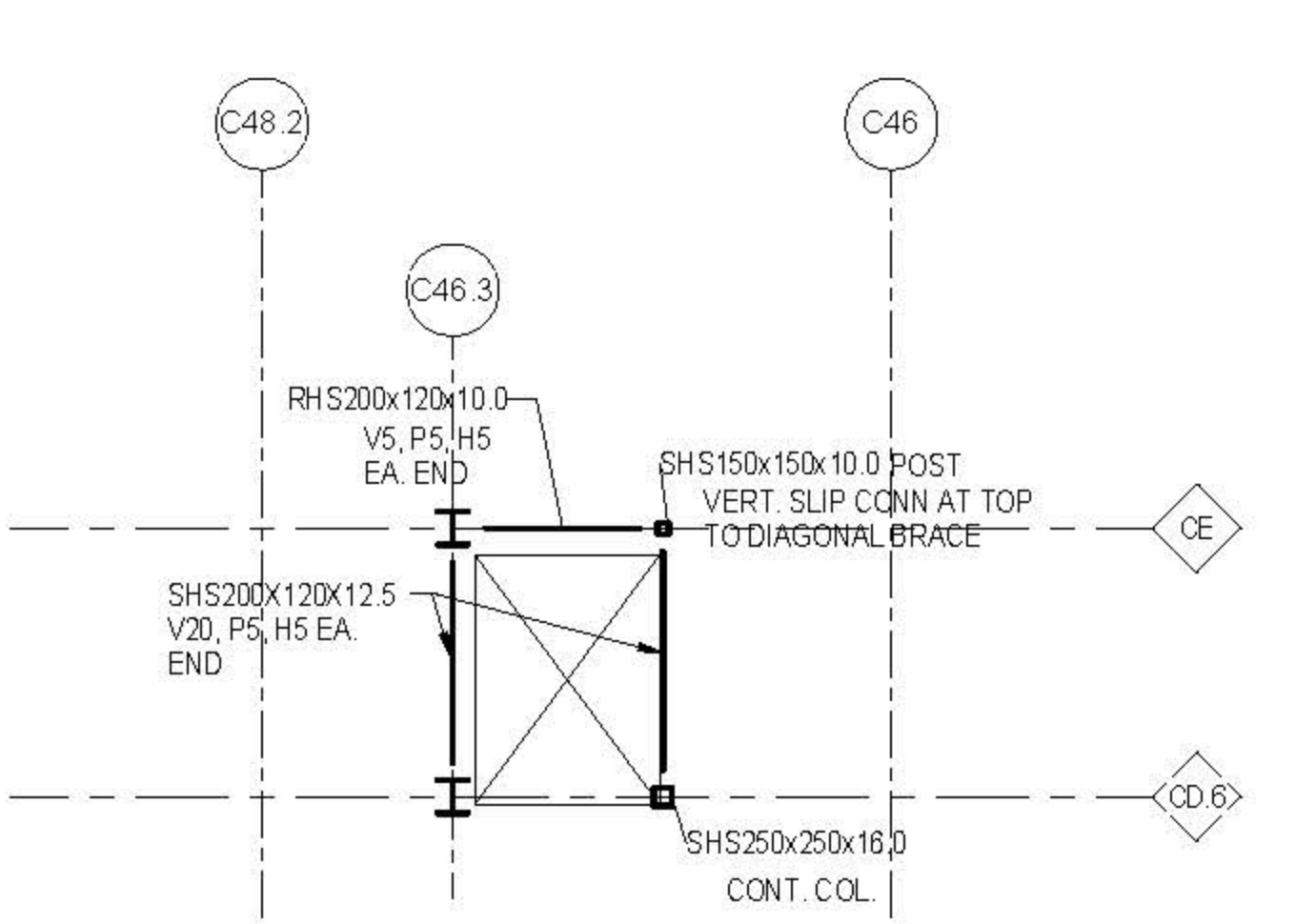
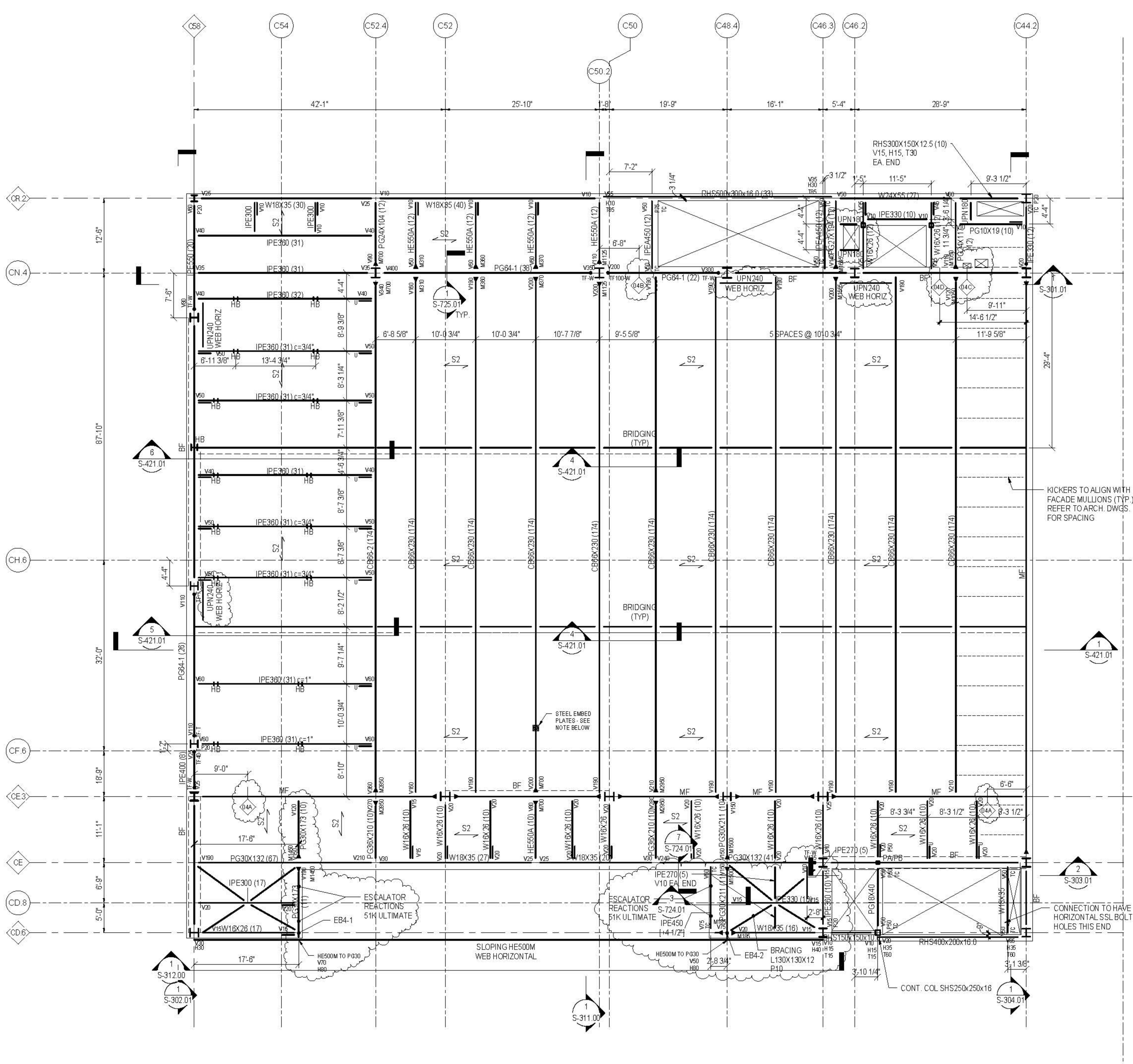
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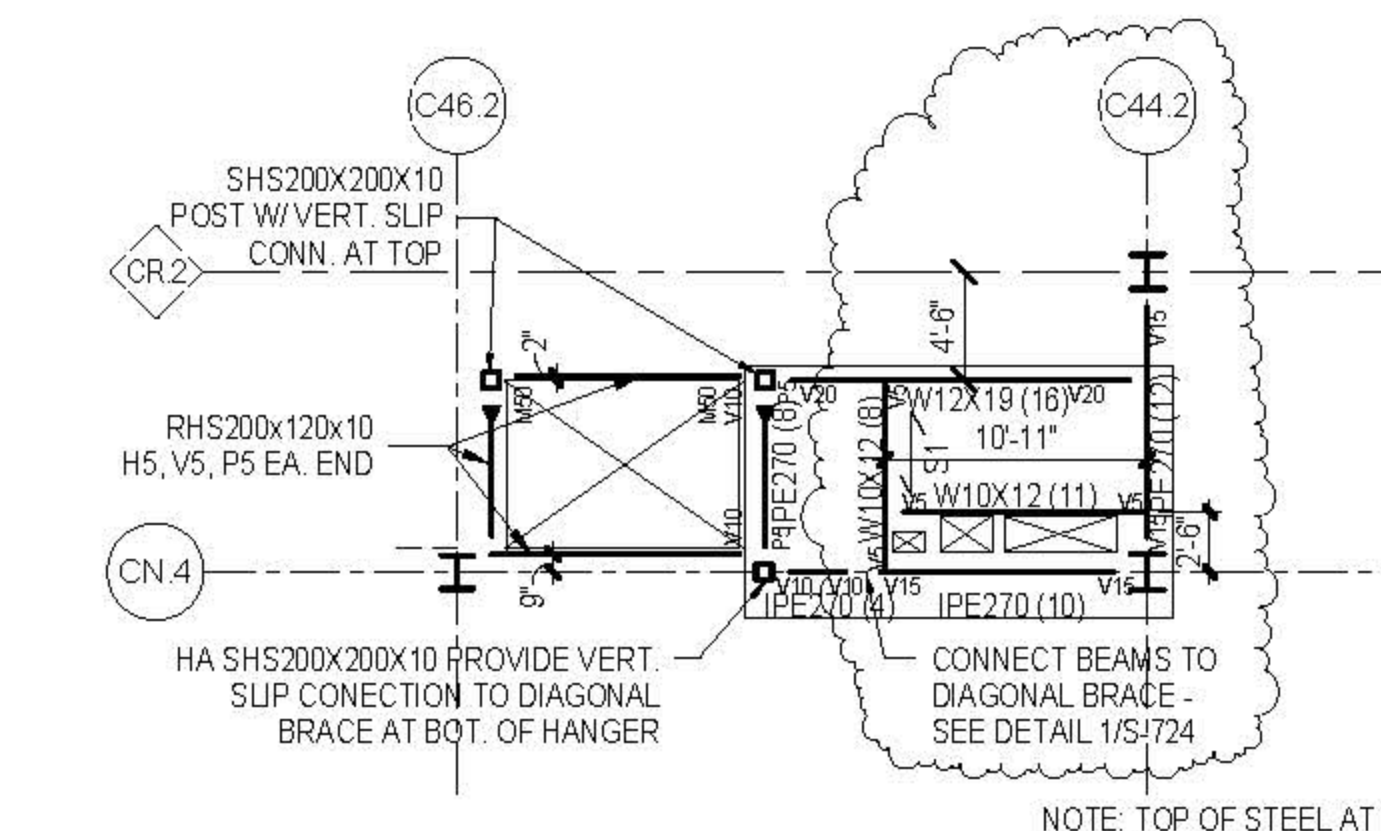
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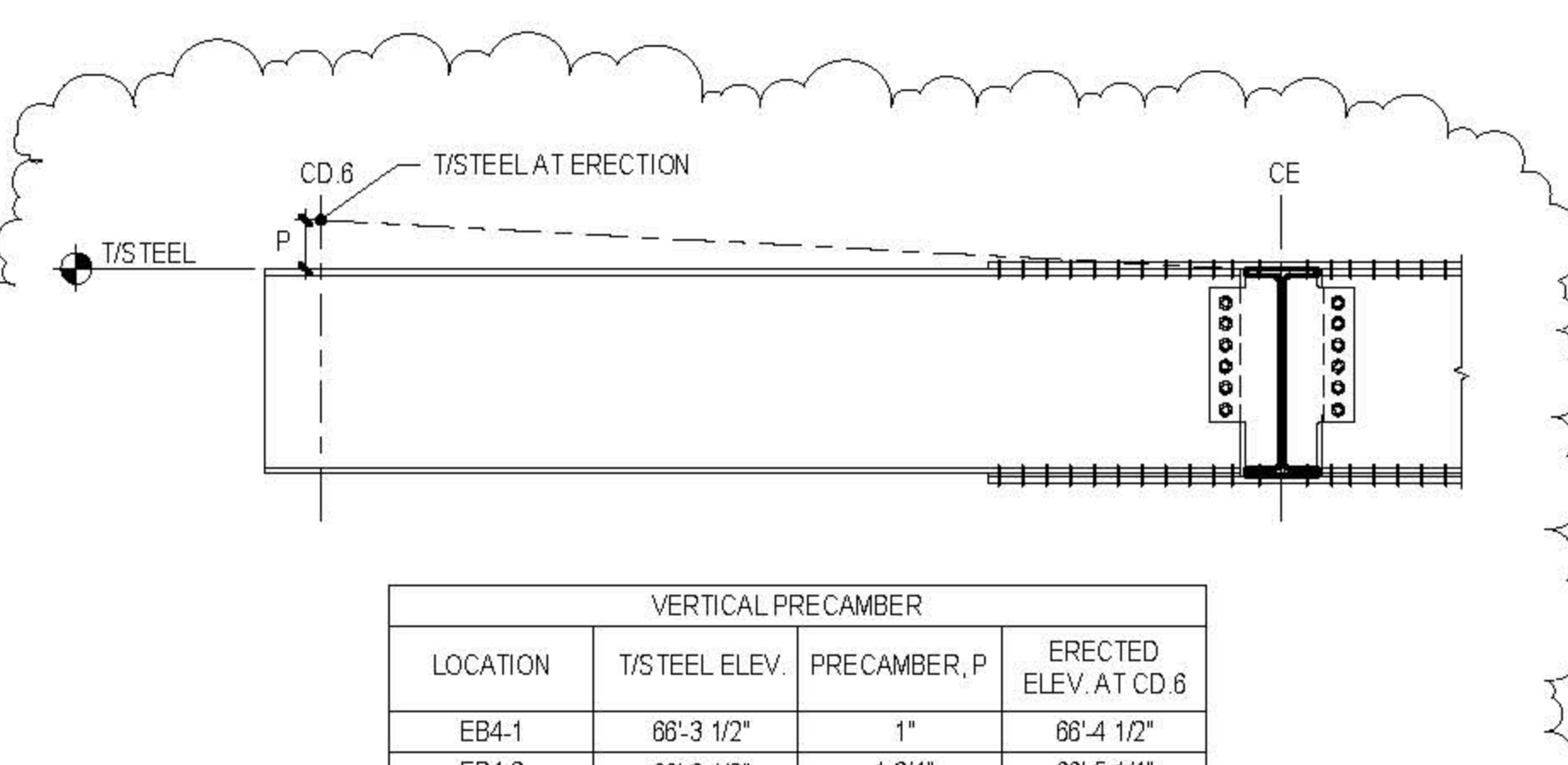
BRANDING GRAPHICS
2nd Global Design Consultancy
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2 PART PLAN AT T/STEEL EL. 80'-5 1/2"
1/8" = 1'-0"



3 PART PLAN MEZZANINE 04 T/SLAB EL. 80'-8 1/2"
1/8" = 1'-0"



4 ESCALATOR SUPPORT CANTILEVER CAMBER LEVEL 04
1/2" = 1'-0"

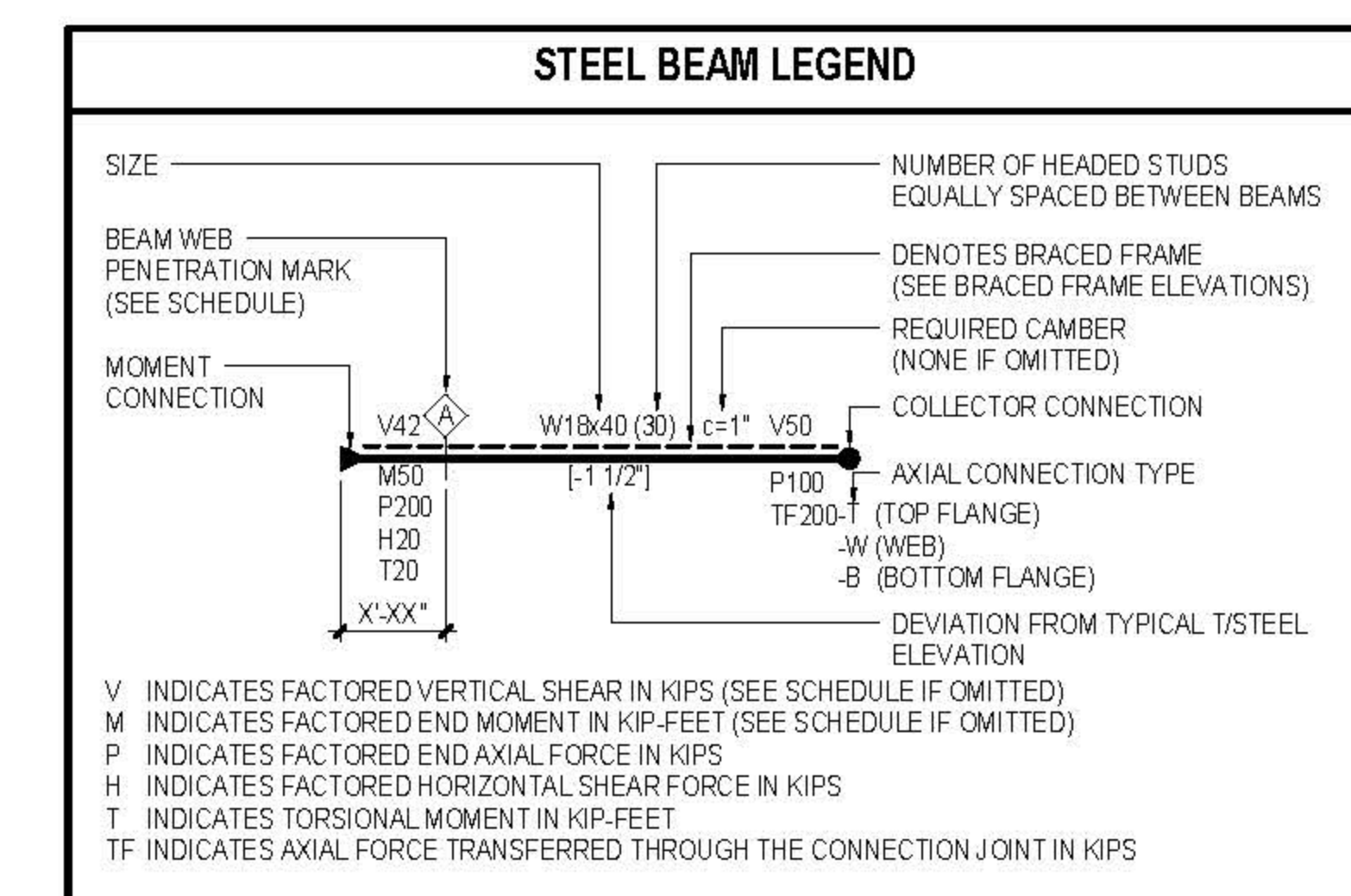
VERTICAL PRECAMBER			
LOCATION	T/STEEL ELEV.	PRECAMBER, P	ERECTED ELEV. AT CD.6
EB4-1	86'-3 1/2"	1"	86'-4 1/2"
EB4-2	86'-3 1/2"	1 3/4"	86'-5 1/4"

1 FIXED BUILDING LEVEL 04 FRAMING PLAN
1/8" = 1'-0"

- SHEET NOTES:**
- T/STRUCTURAL SLAB EL. +86'-11" UON.
 - T/STEEL EL. +86'-3 1/2"
 - INDICATES DECK SPAN DIRECTION, REFER TO COMPOSITE STEEL DECK SCHEDULE INFORMATION.
 - FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:
DRAWING LISTS, GENERAL NOTES, AND LOADING DIAGRAMS S-000 SERIES DRAWINGS
LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES, AND DETAILS S-300 SERIES DRAWINGS
STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS S-700 SERIES DRAWINGS
STEEL COLUMN SCHEDULES AND DETAILS S-900 SERIES DRAWINGS
 - AT STAIRS, SEE TYPICAL DETAILS FOR TC, TCS, AND KICKER REQUIREMENTS 1, 2, 8, 9S-704
 - REFER TO ARCH DWGS FOR LOCATION AND SIZE OF OPENINGS. SEE ALSO GENERAL NOTE GR-18 AND TYPICAL DETAIL 1/S-713

- 7. SYMBOLS:**
- INDICATES MOMENT CONNECTION
 - INDICATES DEEP BEAM BOTTOM FLANGE BRACING CONNECTION SEE DETAIL 6/S-703
 - INDICATES FULL HEIGHT FITTED STIFFENER CONNECTION SEE DETAIL 4/S-703
 - INDICATES FULL HEIGHT UNFITTED STIFFENER CONNECTION SEE DETAIL 5/S-703
 - INDICATES KICKER AT SPANDREL BEAM CONNECTION SEE DETAIL 3/S-703
 - INDICATES SLOPE IN TOP OF SLAB
- 8. NOTATIONS:**
- BF INDICATES LATERAL BRACED FRAME
 - CA/CB INDICATES COLUMN ABOVE/BELOW. COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/S-702 & 2/S-702
 - CBXX INDICATES CASTELLATED BEAM. SEE SCHEDULE 16S-402
 - DB INDICATES HSS/SHK/316 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
 - HA/HB INDICATES HANGER ABOVE/BELOW. TENSION AXIAL FORCE IN HANGER BELOW INDICATED WHERE APPLICABLE. SEE DETAIL 3/S-702
 - MF INDICATES LATERAL MOMENT FRAME
 - PGXX INDICATES PLATE GIRDER TYPE. SEE S-703 FOR PLATE GIRDER SCHEDULE.
 - TCXX INDICATES TAPERED PLATE GIRDER. SEE DETAIL 3/S-704
 - T INDICATES TORSIONAL CONNECTION FOR STAIRS. SEE DETAIL 1/S-704
 - TR INDICATES COLUMN FROM ABOVE TRANSFERS. COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/S-702

- 9.** STEEL PLATES FOR TEMPORARY PARTITION SUPPORTS EMBEDDED IN NEW SLAB ON METAL DECK OR ANCHORED THROUGH EXISTING SLAB TO BE PROVIDED AT APPROX. 10 FT X 10 FT SPACING THROUGHOUT GALLERIES ON LEVEL 02 AND LEVEL 04. REFER TO ARCH. DWGS. FOR LAYOUT AND DETAILS.



COMPOSITE STEEL DECK SCHEDULE					
SLAB MARK	TOTAL SLAB THICKNESS AND CONCRETE TYPE	STEEL DECK (MIN)	CONCRETE TOPPING SLAB	SLAB REINFORCEMENT	NOTES
S1	5 1/2" NWC	3'-8 GA		6 x 6 - W4 0 x W4 0 WWR	
S2	7 1/2" NWC	3'-8 GA		4 x 4 - W4 0 x W4 0 WWR	
S3	8" NWC	3'-8 GA		1" O.C. EACH WAY	
S4	4" NWC	1 1/2" @ 18 GA		4 x 4 - W2 9 x W2 9 WWR	
S5	8 1/2" NWC	3'-8 GA		#4 @ 12" O.C. N-S #4 @ 18" O.C. E-W	N-S BARS COORDINATED TO MECHANICAL COUPLERS IN EXISTING SLAB

ISSUE PRINTING DATE

NO.	DESCRIPTION	DATE
01	010 AMENDMENT 7	03/20/2016
11	6 ADV. PROCUREMENT ADDENDUM 6	04/10/2016
10	4 100% CONSTRUCTION DOCUMENTS	03/18/2016
9	PRELIMINARY DESIGN SUBMISSION	12/30/2014
3	1 ADV. PROCUREMENT ADDENDUM 1	10/03/2014
1	ADVANCED PROCUREMENT BID SET	06/16/2014

STAMP
NEW YORK STATE ENGINEER
THORNTON TOMASETTI

DRAWN BY
Autumn

CHECKED BY
Chris

PROJECT NUMBER
N11318.00

TITLE
FRAMING PLAN, FIXED BUILDING - LEVEL 04

DRAWING NO.
S-104.01

8-SCAN NO.
S-104.01

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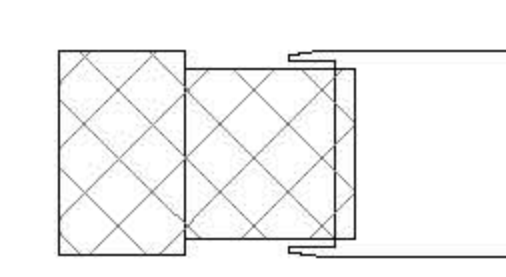
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KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
01	01	03/20/2016
02	21	04/01/2016
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DRAWN BY: N11318.00
CHECKED BY: N11318.00

PROJECT NUMBER: N11318.00

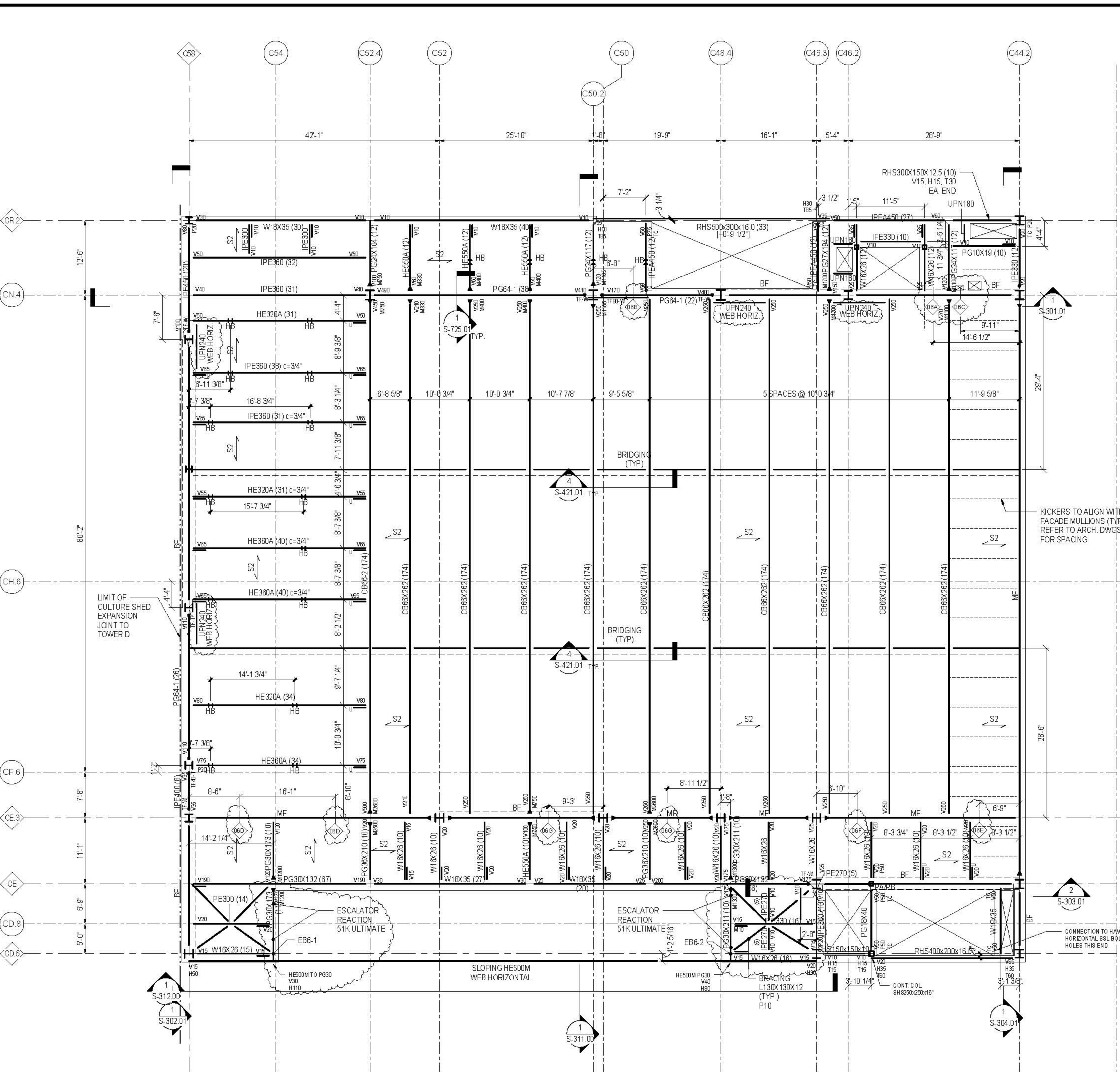
TITLE: FRAMING PLAN, FIXED BUILDING - LEVEL 06

DATE: 03/20/2016

DRAWING NO.: S-106.01

B.SCAN NO.: S-106.01

26 of 123



1 FIXED BUILDING LEVEL 06 FRAMING PLAN
1/8" = 1'-0"

SHEET NOTES

- T/STRUCTURAL SLAB EL. +93'-1" UON.
- T/STEEL EL. +92'-5 1/2"
- INDICATES DECK SPAN DIRECTION. REFER TO COMPOSITE STEEL DECK SCHEDULE INFORMATION.
- FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:
DRAWING LISTS, GENERAL NOTES, AND LOADING DIAGRAMS S-000 SERIES DRAWINGS
LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES, AND DETAILS S-300 SERIES DRAWINGS
STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS S-700 SERIES DRAWINGS
STEEL COLUMN SCHEDULES AND DETAILS S-800 SERIES DRAWINGS
- AT STAIRS, SEE TYPICAL DETAILS FOR TC, TCS, AND KICKER REQUIREMENTS 1, 2 & 3S-704
- REFER TO ARCH DWGS FOR LOCATION AND SIZE OF OPENINGS. SEE ALSO GENERAL NOTE GR-18 AND TYPICAL DETAIL 1/5-713

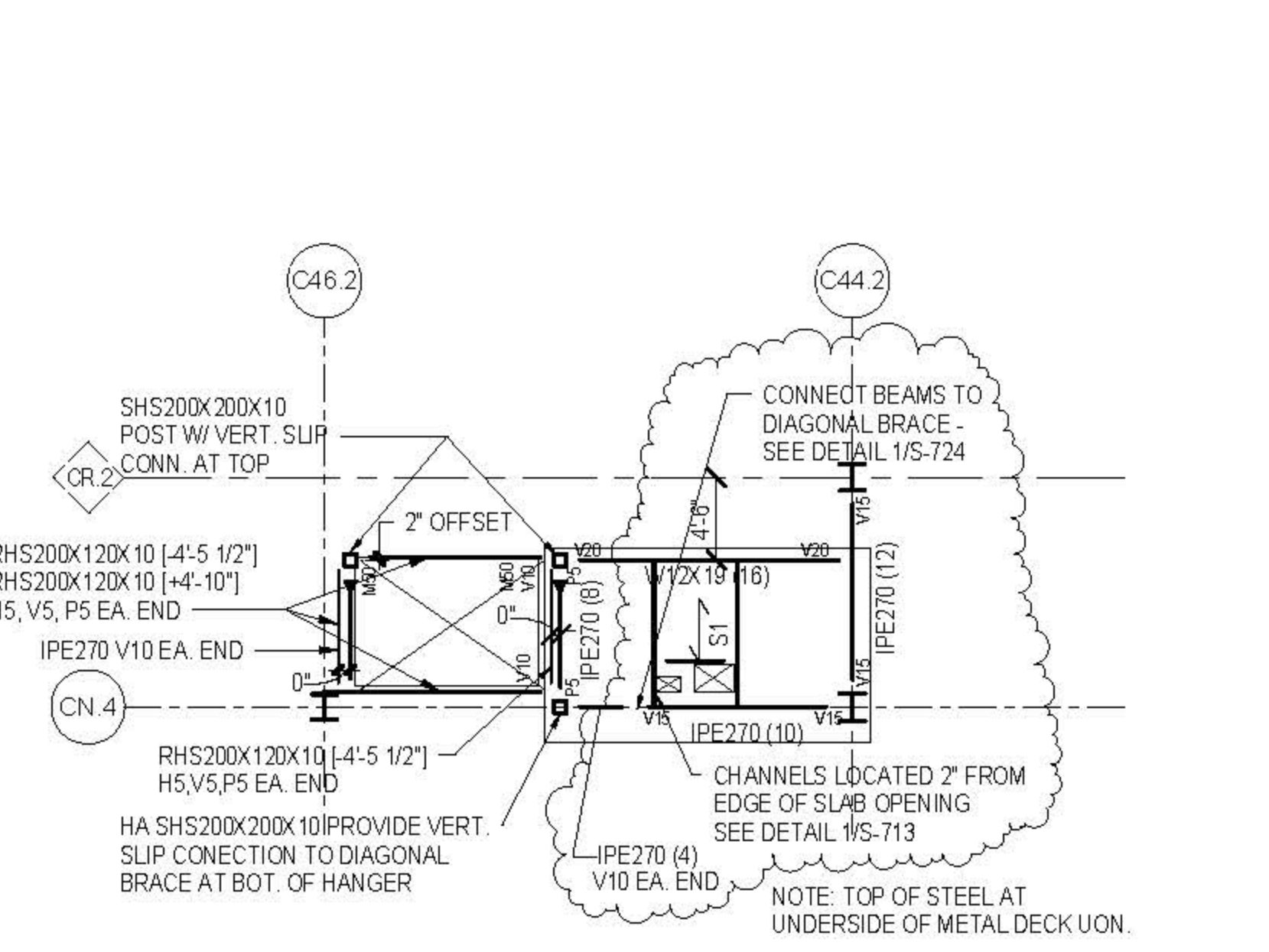
7. SYMBOLS:

- INDICATES MOMENT CONNECTION
- INDICATES DEEP BEAM BOTTOM FLANGE BRACING CONNECTION SEE DETAIL 6/5-703
- INDICATES FULL HEIGHT FITTED STIFFENER CONNECTION SEE DETAIL 4/5-703
- INDICATES FULL HEIGHT UNFITTED STIFFENER CONNECTION SEE DETAIL 5/5-703
- INDICATES KICKER AT SPANDREL BEAM CONNECTION SEE DETAIL 3/5-703
- INDICATES SLOPE IN TOP OF SLAB

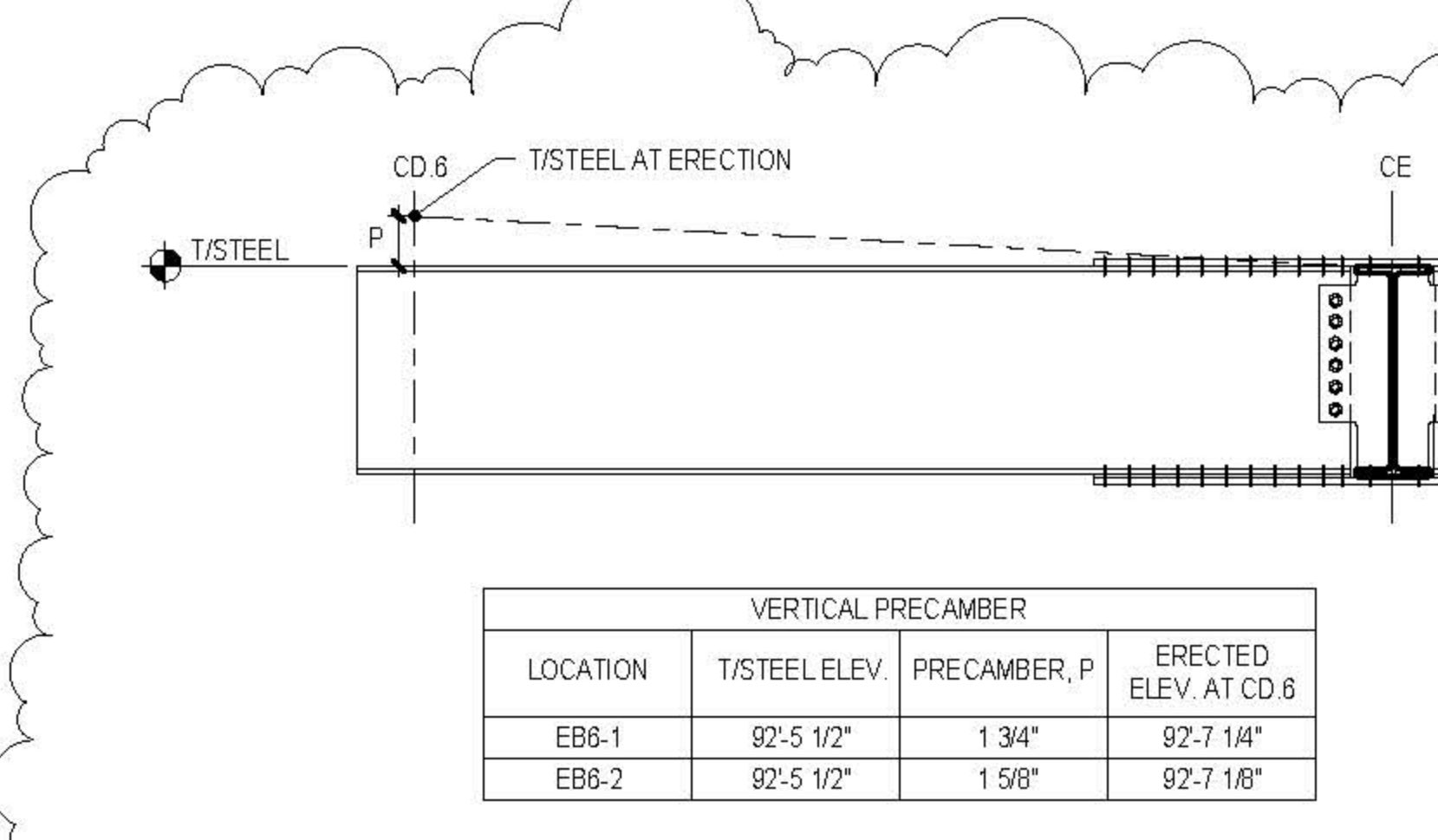
8. NOTATIONS:

- BF INDICATES LATERAL BRACED FRAME
- CA/CB INDICATES BRACED FRAME ELEVATIONS FOR BEAM INFORMATION AND CONNECTION FORCES
- CBXX INDICATES CASTELLATED BEAM. SEE SCHEDULE 1/5-402
- DE INDICATES HSS/DK/309 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
- HA/HB INDICATES HANGER ABOVE/BELOW. TENSION AXIAL FORCE IN HANGER BELOW INDICATED WHERE APPLICABLE. SEE DETAIL 3/5-702
- MF INDICATES LATERAL MOMENT FRAME
- PGXX INDICATES TAPERED PLATE GIRDER. SEE DETAIL 3/5-724
- TC INDICATES TORSIONAL CONNECTION FOR STAIRS. SEE DETAIL 1/5-704
- TR INDICATES COLUMN FROM ABOVE TRANSFERS. COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/5-702

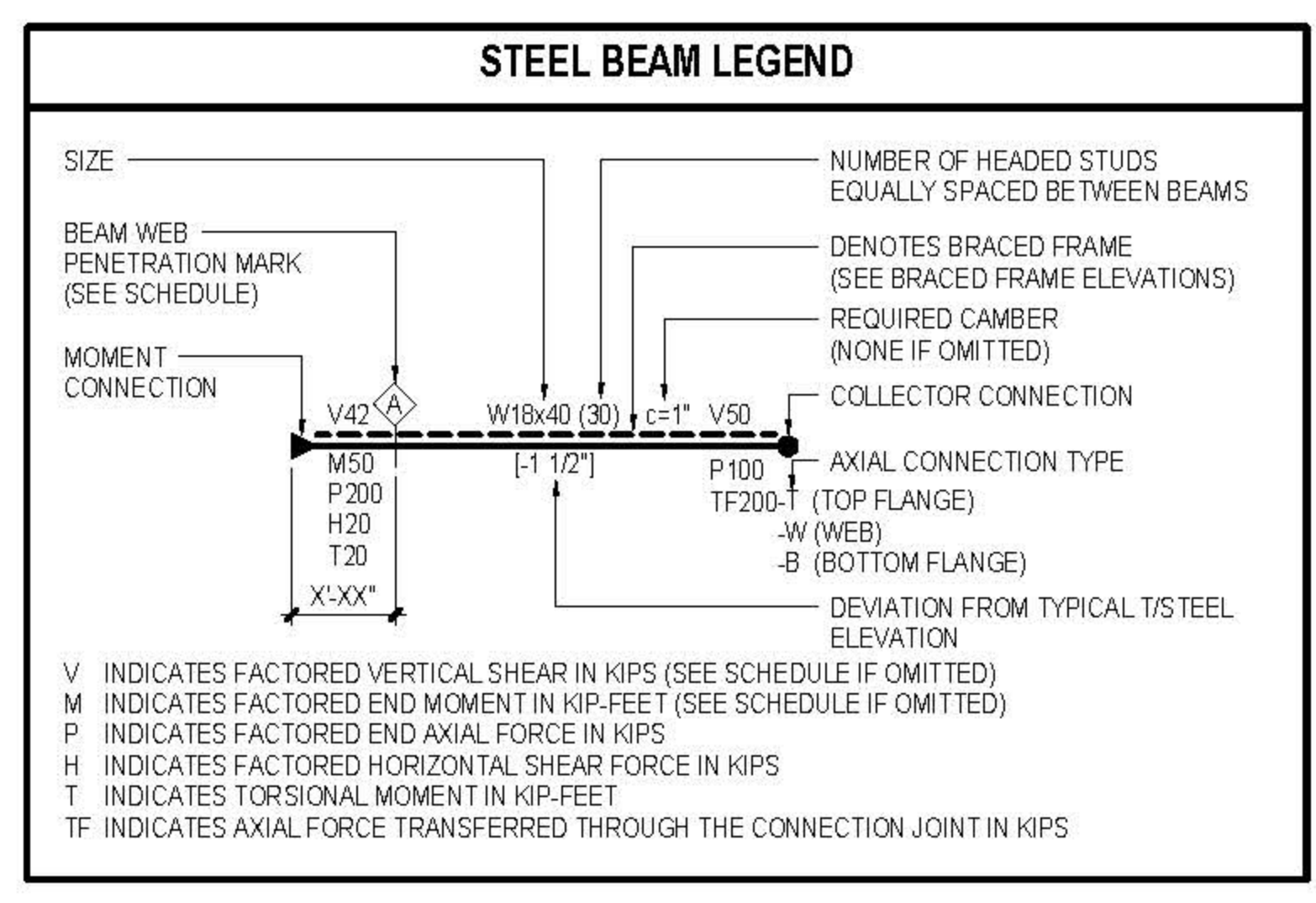
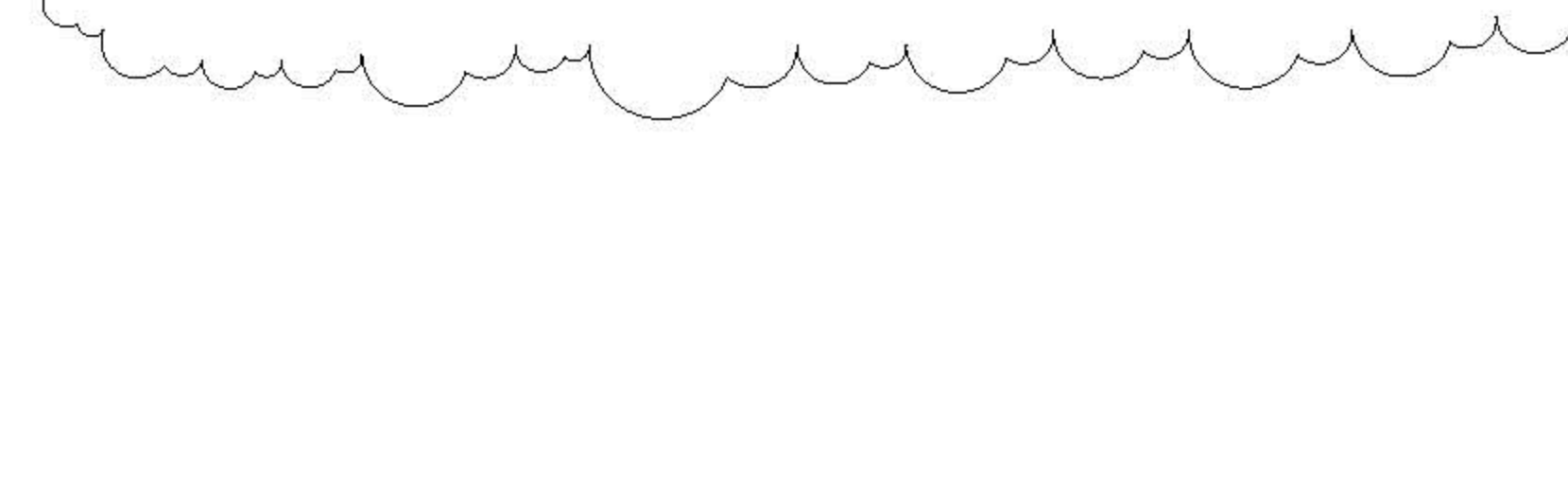
2 PART PLAN AT T/STEEL EL. 103'-11 1/2" AND EL. 111'-10"
1/8" = 1'-0"



3 PART PLAN MEZZANINE 06 T/SLAB EL. 109'-10 1/2"
1/8" = 1'-0"



4 ESCALATOR SUPPORT CANTILEVER CAMBER LEVEL 06
1/2" = 1'-0"



COMPOSITE STEEL DECK SCHEDULE					
SLAB MARK	TOTAL SLAB THICKNESS AND CONCRETE TYPE	STEEL DECK (MM)	CONCRETE TOPPING SLAB	SLAB REINFORCEMENT	NOTES
S1	5 1/2" NWC	3'-18 GA		6 x 6 - W4.0 x W4.0 WWR	
S2	7 1/2" NWC	3'-18 GA		4 x 4 - W4.0 x W4.0 WWR	
S3	9" NWC	3'-18 GA		#4 @ 18" C. EACH WAY	
S4	4" NWC	1 1/2" 18 GA		W2 x W2.9 WWR	
S5	8 1/2" NWC	3'-18 GA		#4 @ 12" O.C. N-S #4 @ 18" O.C. E-W	N-S BARS COORDINATED TO MECHANICAL COUPLERS IN EXISTING SLAB

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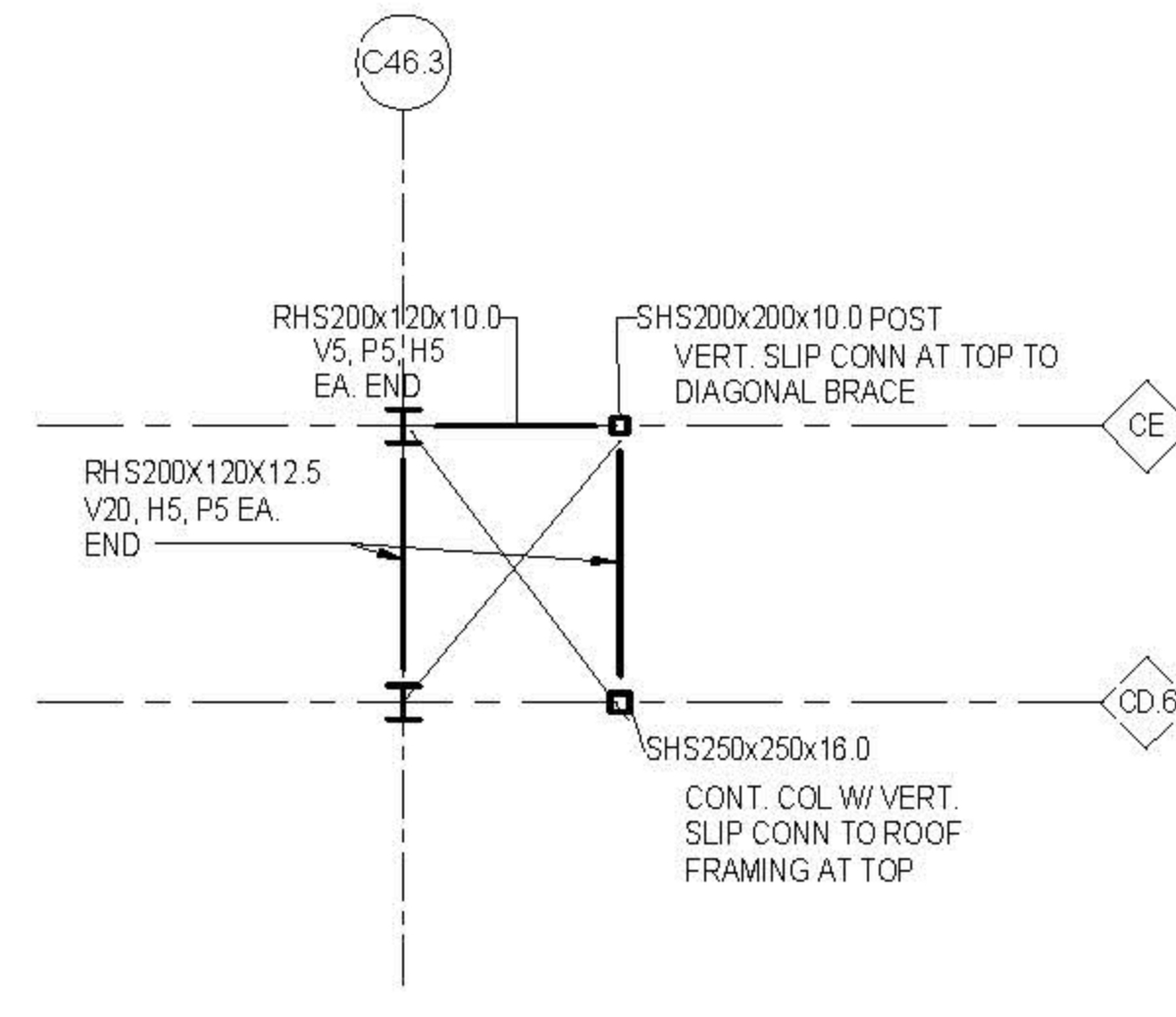
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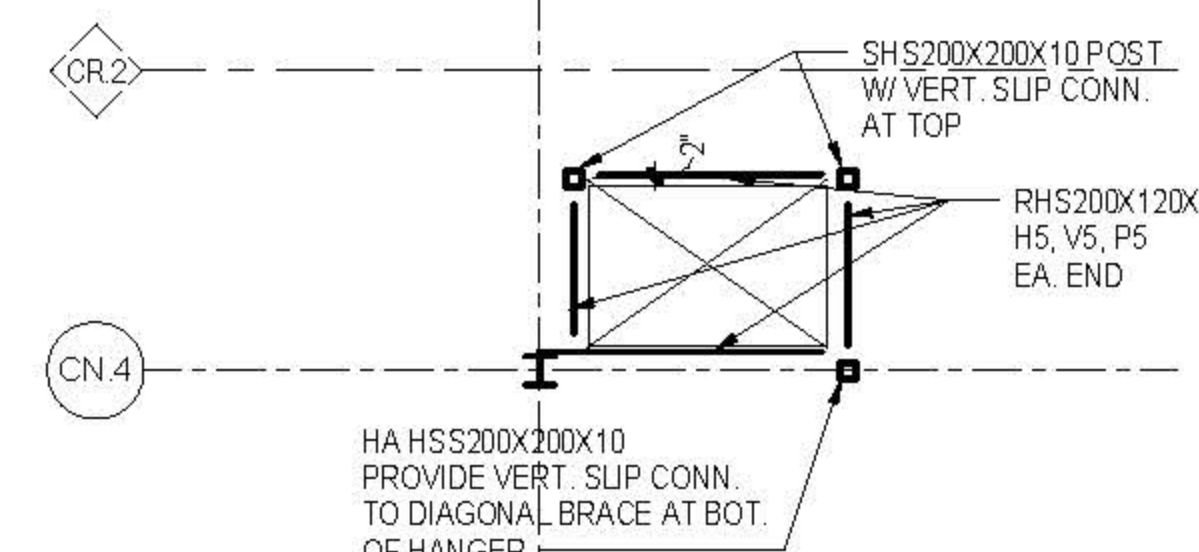
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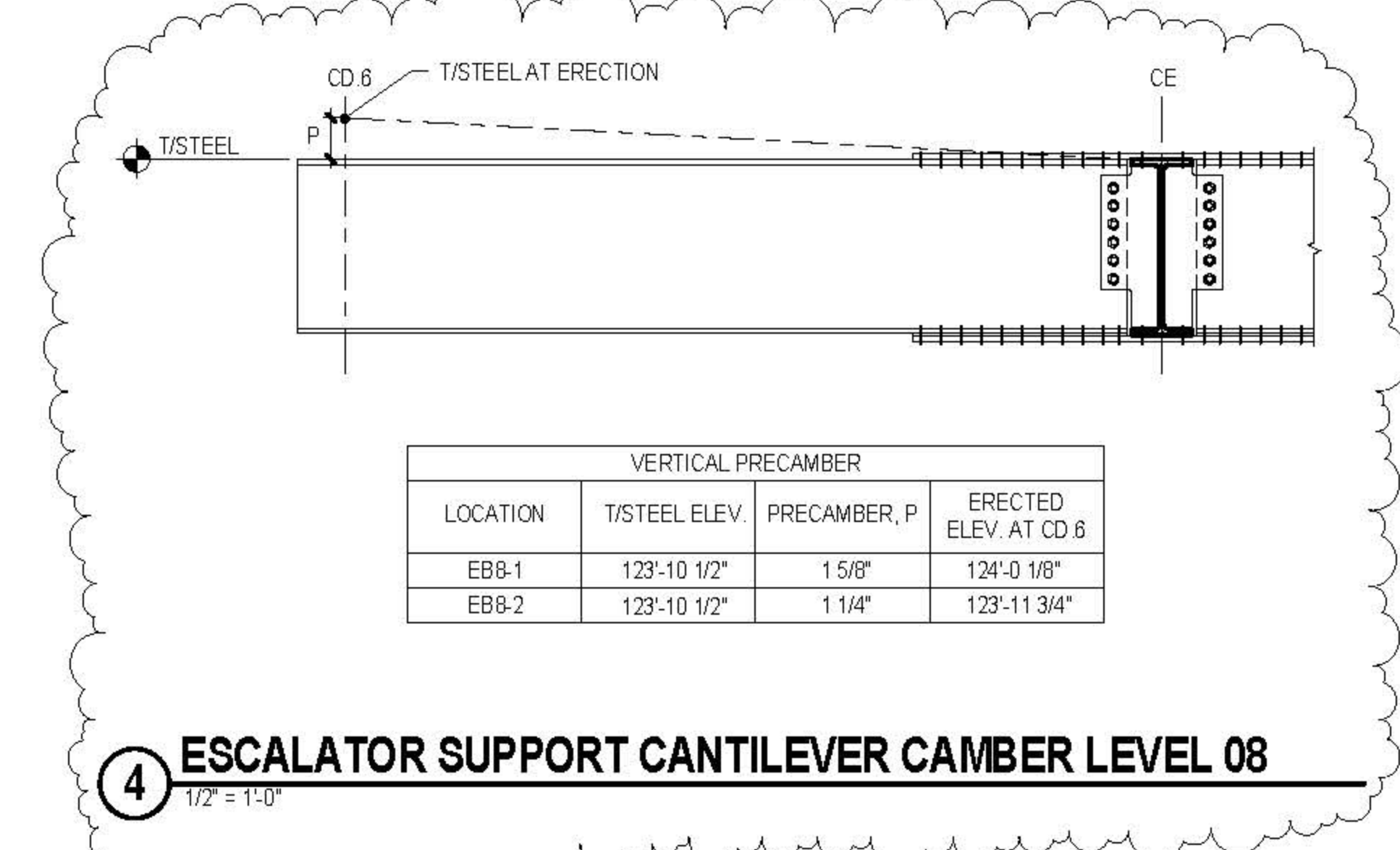
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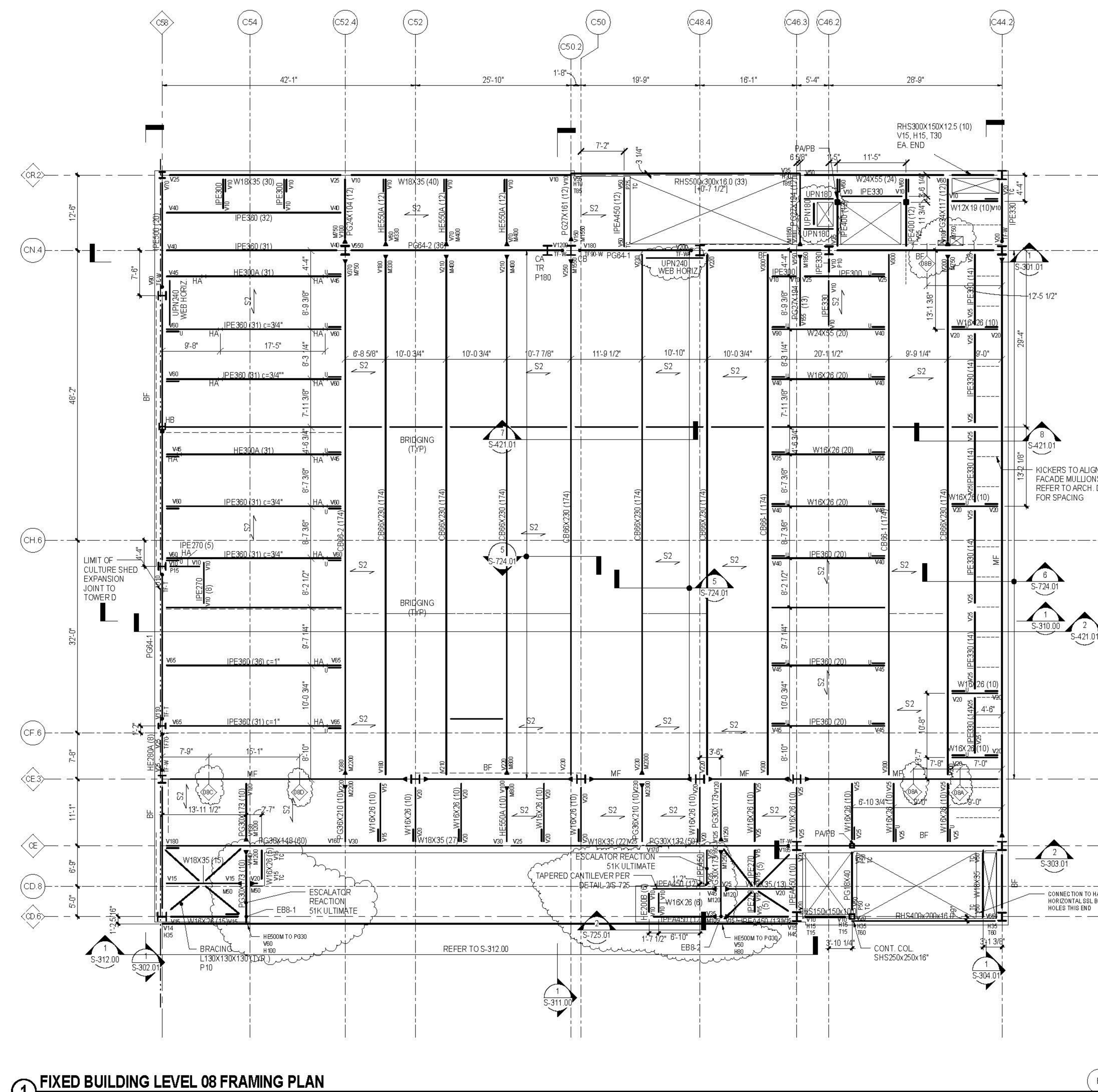
2 PART PLAN AT EL T/STEEL EL. 134'-7"
1/8" = 1'-0"



3 PART PLAN AT T/STEEL EL. 134'-7"
1/8" = 1'-0"



4 ESCALATOR SUPPORT CANTILEVER CAMBER LEVEL 08
1/2" = 1'-0"



1 FIXED BUILDING LEVEL 08 FRAMING PLAN
1/8" = 1'-0"

SHEET NOTES

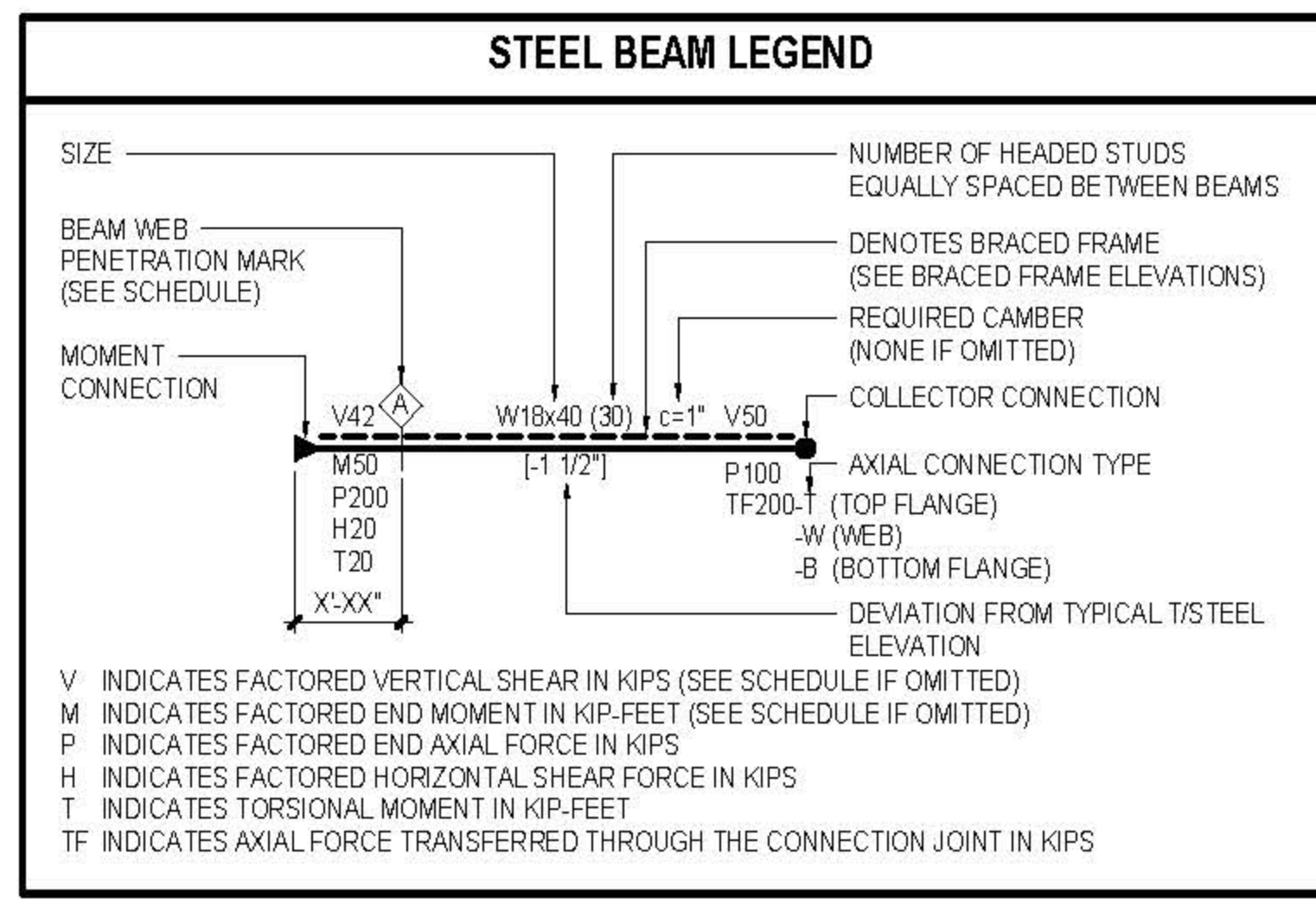
- T/STRUCTURAL SLAB EL+124'-6" UON
- T/STEEL EL+123'-10 1/2"
- INDICATES DECK SPAN DIRECTION, REFER TO COMPOSITE STEEL DECK SCHEDULE INFORMATION
- FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:
DRAWING LISTS, GENERAL NOTES, AND LOADING DIAGRAMS S-000 SERIES DRAWINGS
LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES, AND DETAILS S-300 SERIES DRAWINGS
STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS S-700 SERIES DRAWINGS
STEEL COLUMN SCHEDULES AND DETAILS S-800 SERIES DRAWINGS
- AT STAIRS, SEE TYPICAL DETAILS FOR TC, TCS, AND KICKER REQUIREMENTS 1, 2 & 3S-704
- REFER TO ARCH DWGS FOR LOCATION AND SIZE OF OPENINGS. SEE ALSO GENERAL NOTE GR-18 AND TYPICAL DETAIL 1/S-713

7. SYMBOLS:

- INDICATES MOMENT CONNECTION
- INDICATES DEEP BEAM BOTTOM FLANGE BRACING CONNECTION SEE DETAIL 9S-703
- INDICATES FULL HEIGHT FITTED STIFFENER CONNECTION SEE DETAIL 4S-703
- INDICATES FULL HEIGHT UNFITTED STIFFENER CONNECTION SEE DETAIL 5S-703
- INDICATES KICKER AT SPANDREL BEAM CONNECTION SEE DETAIL 3S-703
- INDICATES SLOPE IN TOP OF SLAB

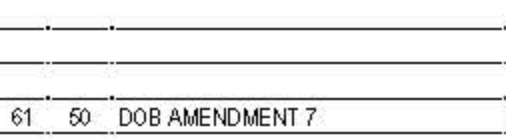
8. NOTATIONS

- BF INDICATES LATERAL BRACED FRAME
- CA/CB INDICATES COLUMN ABOVE/BELOW, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/S-702 & 2S-702
- CBX INDICATES CASTELLATED BEAM. SEE SCHEDULE 1/S-402
- CS INDICATES HSS/BOX/PIPE ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
- HA/HB INDICATES HANGER ABOVE/BELOW, TENSION AXIAL FORCE IN HANGER BELOW INDICATED WHERE APPLICABLE. SEE DETAIL 3S-702
- MF INDICATES LATERAL MOMENT FRAME
- PGX INDICATES PLATE GIRDER TYPE. SEE S-703 FOR PLATE GIRDER SCHEDULE
- PGX/T INDICATES TAPERED PLATE GIRDER. SEE DETAIL 3S-724
- TC INDICATES TORSIONAL CONNECTION FOR STAIR. SEE DETAIL 1/S-704
- TR INDICATES COLUMN FROM ABOVE TRANSFERS, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/S-702



SLAB MARK	TOTAL SLAB THICKNESS AND CONCRETE TYPE	STEEL DECK (MIN)	CONCRETE TOPPING SLAB	SLAB REINFORCEMENT	NOTES
S1	5 1/2" NWC	3'-18 GA		6 x 6 - W4.0 x W4.0 WWR	
S2	7 1/2" NWC	3'-18 GA		4 x 4 - W4.0 x W4.0 WWR	
S3	8" NWC	3'-18 GA		D.C. EACH WAY	
S4	4" NWC	1 1/2" - 18 GA		9 x 9 x W2.9 WWR	
S5	8 1/2" NWC	3'-18 GA		#4 @ 12" O.C. N-S #4 @ 18" O.C. E-W	N-S BARS COORDINATED TO MECHANICAL COUPLERS IN EXISTING SLAB

KEY PLAN



ISSUE

NO.	DESCRIPTION	DATE
01	ISSUE FOR PERMITTING	08/19/2016
02	REVISED FOR PERMITTING	08/22/2016
03	REVISED FOR PERMITTING	08/22/2016
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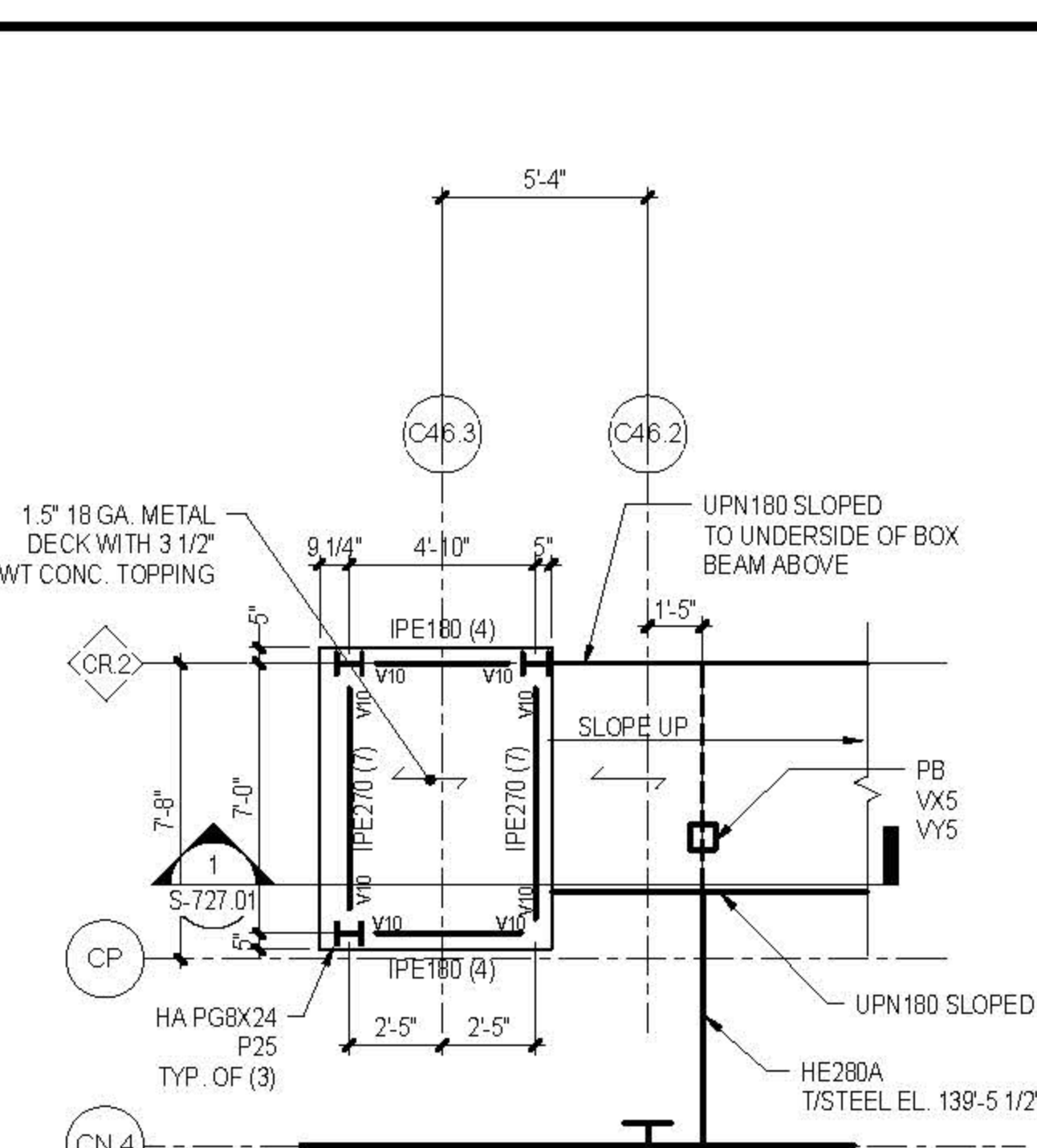
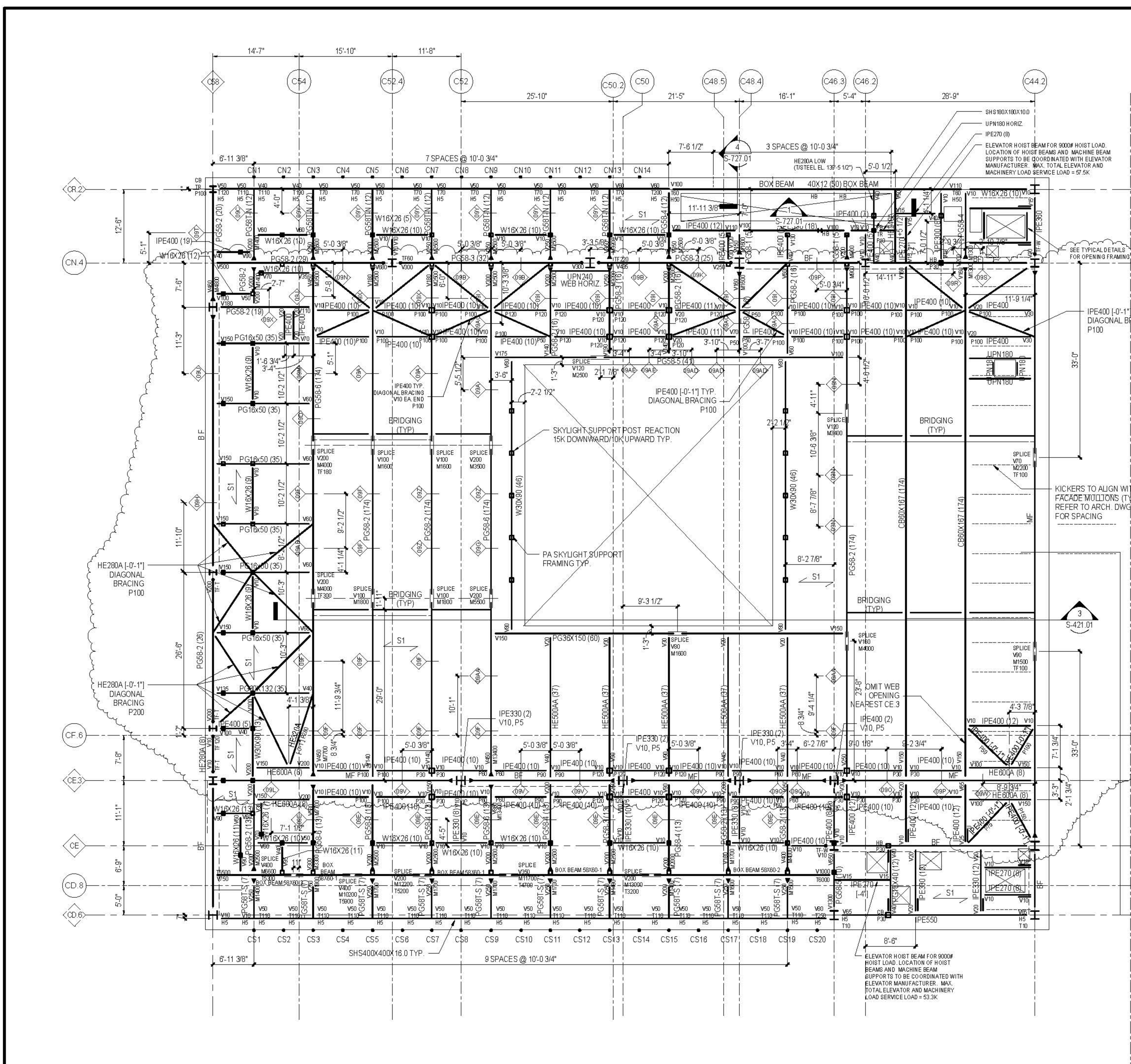
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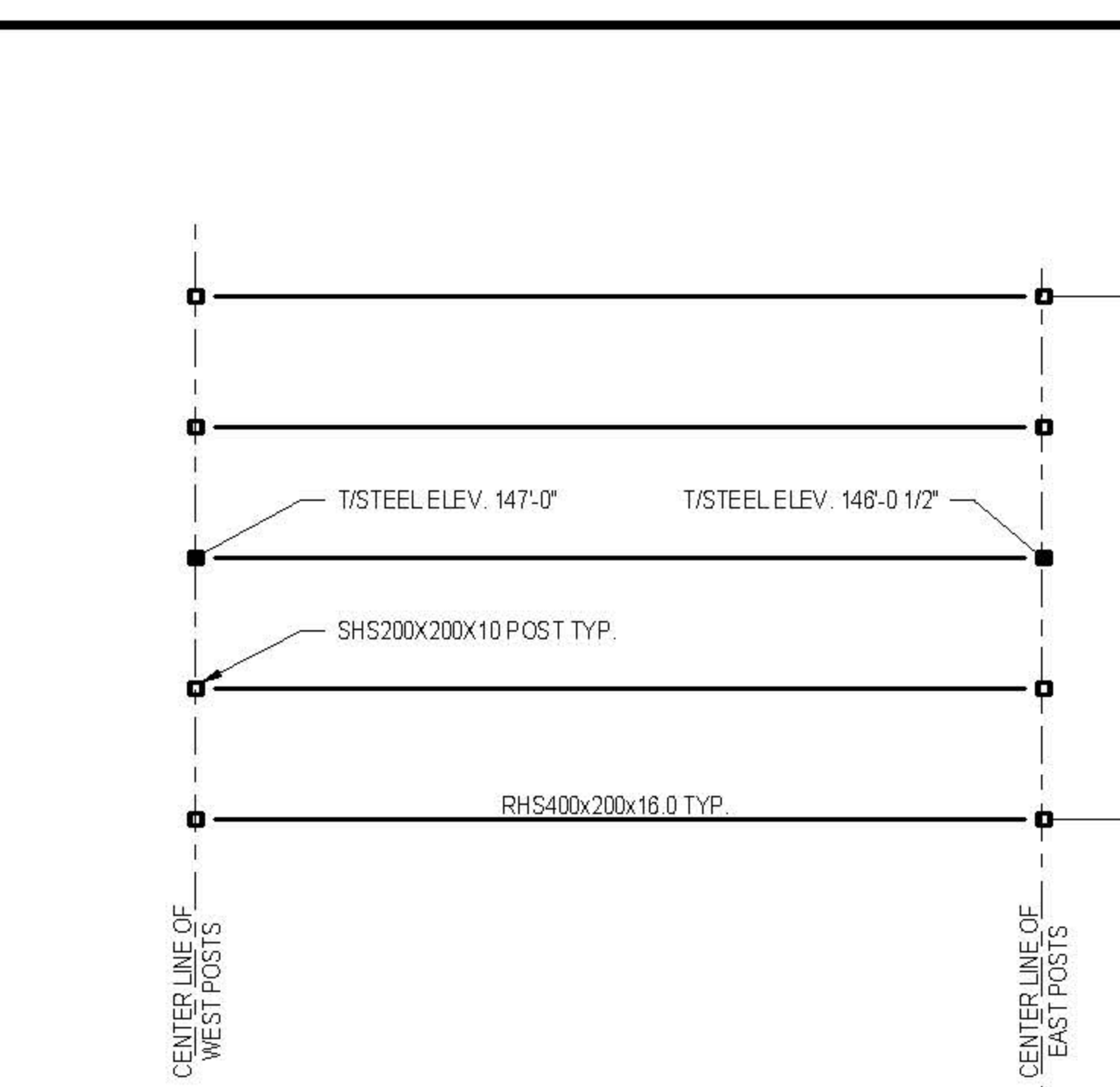
TITLE: FRAMING PLAN, FIXED BUILDING - LEVEL 08

DRAWING NO.: S-108.01

B.SCAN NO.: S-108.01



3 PART PLAN AT ROOF STAIR
1/4\"/>



2 PART PLAN AT SKYLIGHT FRAMING
1/8\"/>

CABLE TOP ANCHOR FORCES AND DISPLACEMENTS				
CABLE	SOUTH WALL		NORTH WALL	
	MAX. U.L.T. TENSION [KIPS]	CABLE PRE-STRESS [KIPS]	PRE-STRESS Δ [IN.]	CAMBER @ CABLE C.L. [IN.]
CS1	120	110		
CS2	80	70		
CS3	65	55		
CS4	65	55		
CS5	60	55		
CS6	65	55		
CS7	65	55		
CS8	65	55		
CS9	65	55		
CS10	65	55		
CS11	65	55		
CS12	60	50		
CS13	55	45		
CS14	55	45		
CS15	55	45		
CS16	55	45		
CS17	60	45		
CS18	60	45		
CS19	60	50		
CS20	100	90		
CN1	95	90		
CN2	60	45		
CN3	45	35		
CN4	40	25		
CN5	35	25		
CN6	40	25		
CN7	40	25		
CN8	40	25		
CN9	40	25		
CN10	40	25		
CN11	40	25		
CN12	45	35		
CN13	60	45		
CN14	100	90		

CONTRACTOR TO SUBMIT TO S.E.R. PRE-STRESSING SEQUENCE FOR COMMENT AND APPROVAL. CONNECTING STEEL WORK TO BE VERIFIED FOR CONTRACTOR'S PROPOSED SEQUENCING.

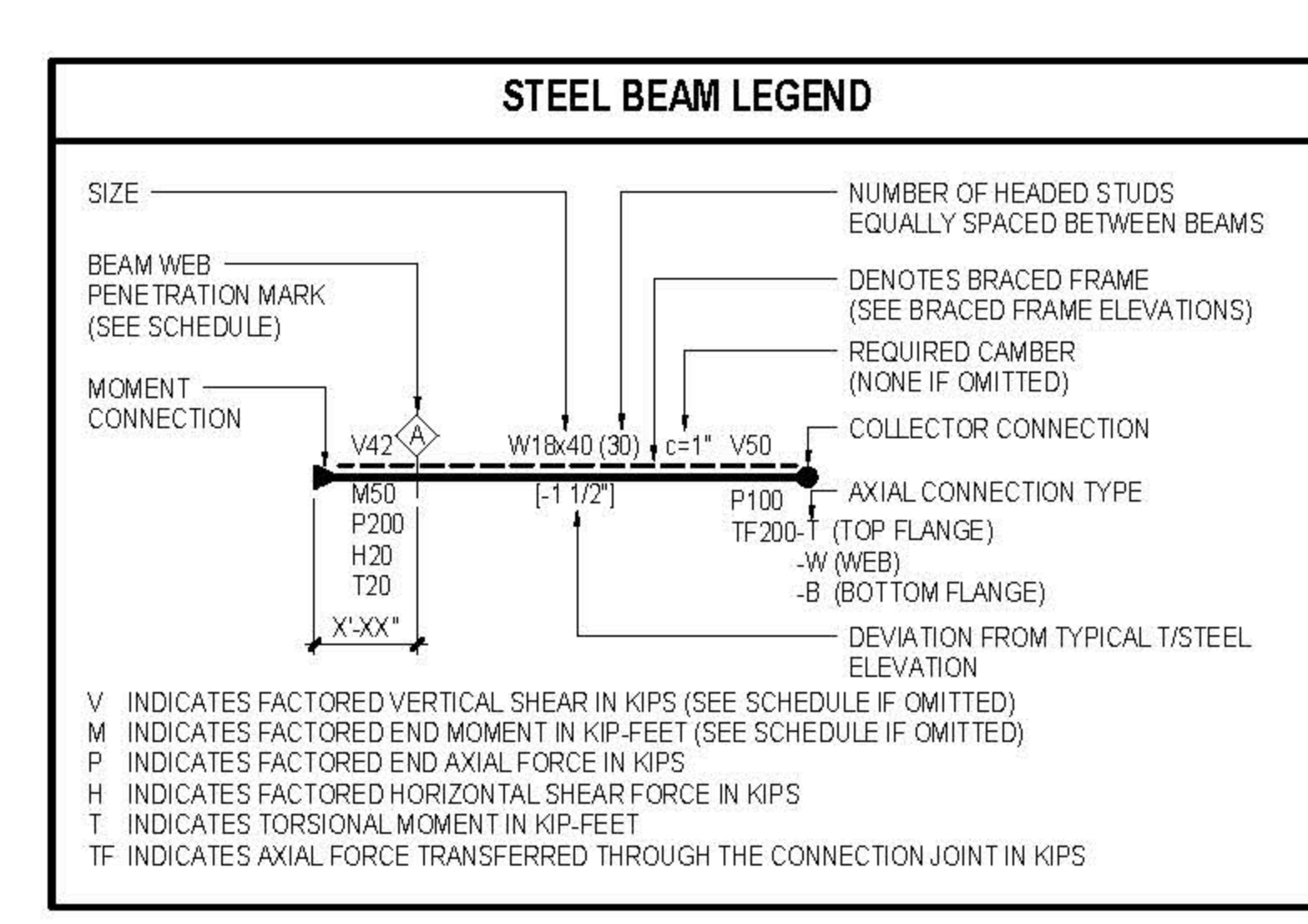
NOTE:
DOWNWARD DISPLACEMENT VALUES INDICATED AS NEGATIVE.

1 FIXED BUILDING ROOF LEVEL FRAMING PLAN
1/8\"/>

SHEET NOTES

1. T/STRUCTURAL SLAB EL. 142'-5" UON
2. T/STEEL EL. 141'-11 1/2"
3. INDICATES DECK SHEAR DIRECTION, REFER TO COMPOSITE STEEL DECK SCHEDULE INFORMATION.
4. FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:
DRAWING LISTS, GENERAL NOTES, AND LOADING DIAGRAMS S-5000 SERIES DRAWINGS
LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES, AND DETAILS S-3000 SERIES DRAWINGS
STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS S-7000 SERIES DRAWINGS
STEEL COLUMN SCHEDULES AND DETAILS S-8000 SERIES DRAWINGS
5. AT STAIRS, SEE TYPICAL DETAILS FOR TC, TCS, AND KICKER REQUIREMENTS 1, 2 & 3/S-704
6. REFER TO ARCH DWGS FOR LOCATION AND SIZE OF OPENINGS. SEE ALSO GENERAL NOTE GR-18 AND TYPICAL DETAIL 1/S-713

7. SYMBOLS:
INDICATES MOMENT CONNECTION
INDICATES DEEP BEAM BOTTOM FLANGE BRACING CONNECTION SEE DETAIL 6/S-703
INDICATES FULL HEIGHT FITTED STIFFENER CONNECTION SEE DETAIL 4/S-703
INDICATES FULL HEIGHT UNFITTED STIFFENER CONNECTION SEE DETAIL 5/S-703
INDICATES KICKER AT SPANDREL BEAM CONNECTION SEE DETAIL 3/S-703
INDICATES SLOPE IN TOP OF SLAB
8. NOTATIONS:
BF INDICATES LATERAL BRACED FRAME
CAB/CB SEE BRACED FRAME ELEVATIONS FOR BEAM INFORMATION AND CONNECTION FORCES
C/CB/CB INDICATES COLUMN ABOVE/BELOW COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/S-702 & 2/S-702
CBXX INDICATES CASTELLATED BEAM. SEE SCHEDULE 1/S-402
DB INDICATES HSS/BOX/300 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
HA/HB INDICATES HANGER ABOVE/BELOW. TENSION AXIAL FORCE IN HANGER BELOW INDICATED WHERE APPLICABLE. SEE DETAIL 3/S-702
MF INDICATES LATERAL MOMENT FRAME
SEE MOMENT FRAME ELEVATIONS FOR BEAM INFORMATION AND CONNECTION FORCES
PGXX INDICATES PLATE GIRDER TYPE. SEE S-703 FOR PLATE GIRDER SCHEDULE.
TC INDICATES TAPERED PLATE GIRDER. SEE DETAIL 3/S-724
TR INDICATES TORSIONAL CONNECTION FOR STAIR. SEE DETAIL 1/S-704
TR INDICATES COLUMN FROM ABOVE TRANSFERS COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/S-702



COMPOSITE STEEL DECK SCHEDULE					
SLAB MARK	TOTAL SLAB THICKNESS AND CONCRETE TYPE	STEEL DECK (MIN)	CONCRETE TOPPING SLAB	SLAB REINFORCEMENT	NOTES
S1	5 1/2" NWC	3'-8" GA		6 x 6 - W4.0 x W4.0 WWR	
S2	7 1/2" NWC	3'-8" GA		4 x 4 - W4.0 x W4.0 WWR	
S3	9" NWC	3'-8" GA		4 x 4 - W4.0 x W4.0 WWR EACH WAY	
S4	4" NWC	1 1/2" - 18 GA		4 x 4 - W4.0 x W4.0 WWR	
S5	8 1/2" NWC	3'-8" GA		4 x 4 - W4.0 x W4.0 WWR	N.S. BARS COORDINATED TO EXISTING SLAB

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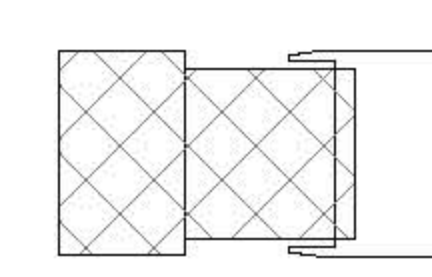
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KEY PLAN



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01	50	DOB AMENDMENT 7	08.19.2016
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9		90% CONSTRUCTION DOCUMENTS	02.16.2016
6		PRELIMINARY JOB SUBMISSION	12.10.2014
1		ADVANCED PROCUREMENT BID SET	06.16.2014

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DRAWN BY
Autumn

CHECKED BY
Chris

PROJECT NUMBER
N11318.00

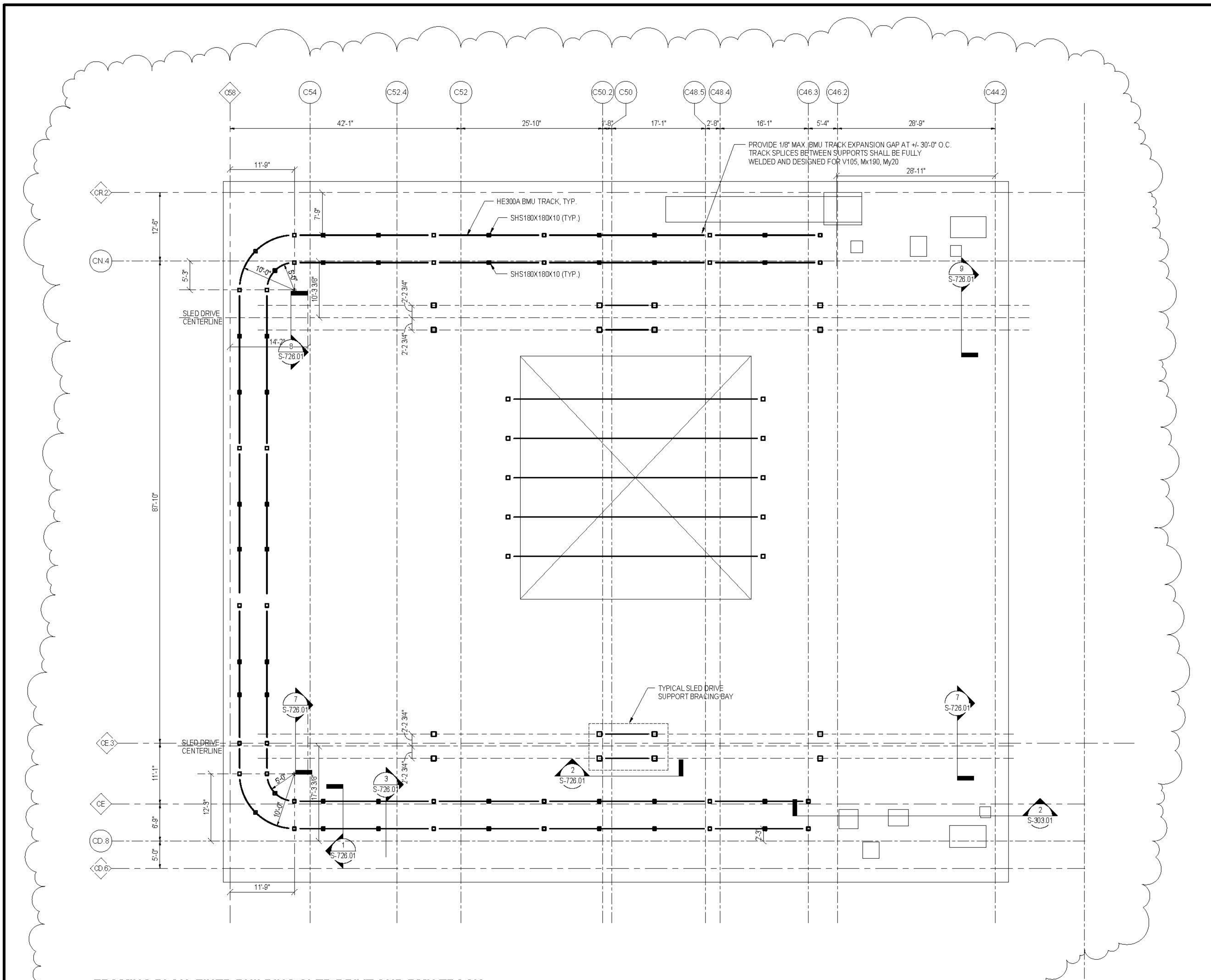
TITLE
FRAMING PLAN, FIXED BUILDING SLED DRIVE AND BMU TRACK

DRAWING NO.
S-110.01

B-SCAN NO.
S-110.01

29 of 123

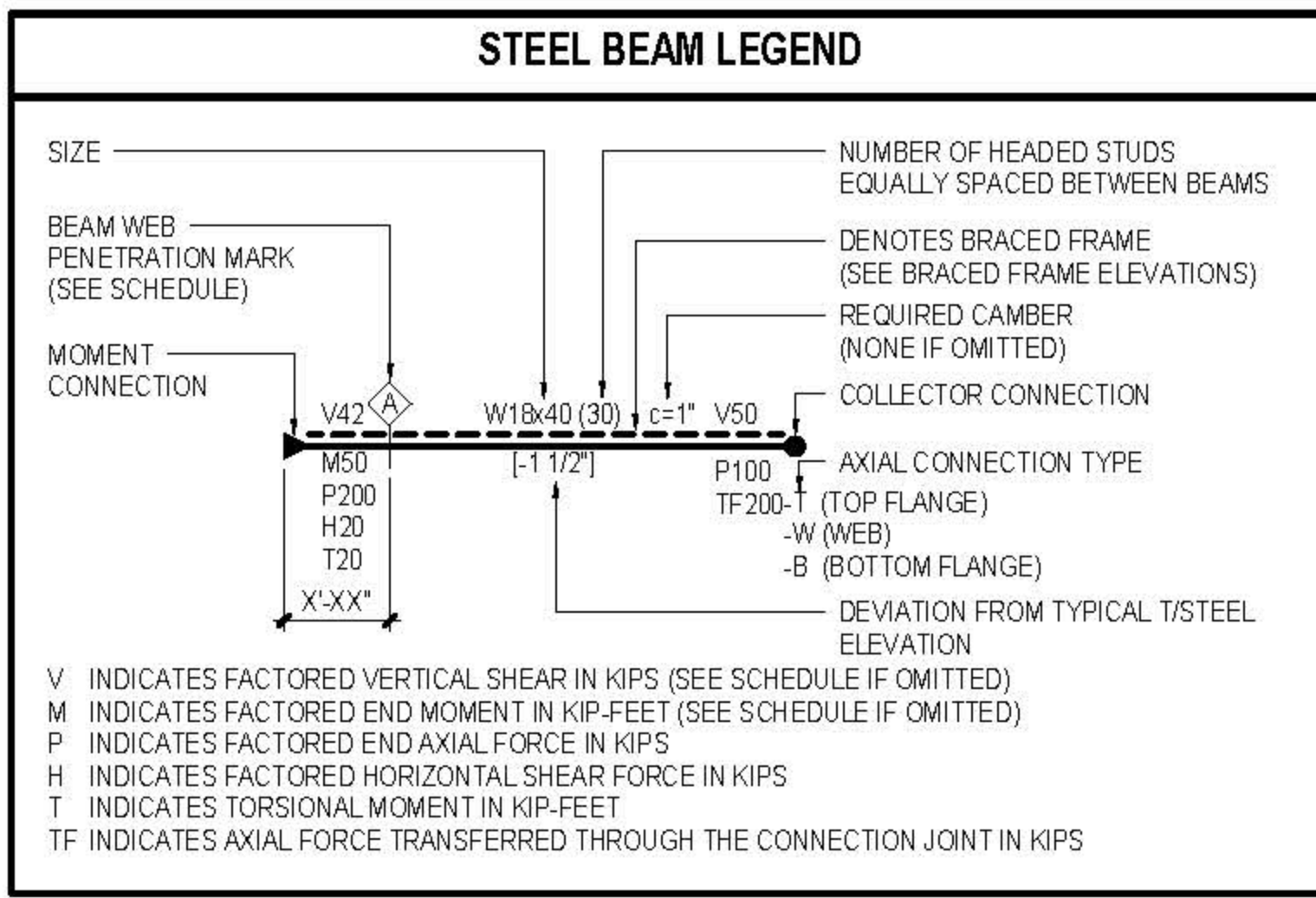
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1 FRAMING PLAN, FIXED BUILDING SLED DRIVE AND BMU TRACK
1/8" = 1'-0"

- SHEET NOTES:**
- T/STRUCTURAL SLAB EL. N/A
 - T/STEEL BMU RAIL EL. 145'-2 1/4"
 - T/STEEL SLED DRIVE SUPPORTS 144'-3" UNO
 - FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:
DRAWING LISTS, GENERAL NOTES, AND LOADING DIAGRAMS S-000 SERIES DRAWINGS
LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES, AND DETAILS S-300 SERIES DRAWINGS
STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS S-700 SERIES DRAWINGS
STEEL COLUMN SCHEDULES AND DETAILS S-900 SERIES DRAWINGS
 - AT STAIRS, SEE TYPICAL DETAILS FOR TC, TCS, AND KICKER REQUIREMENTS 1, 2 & 3S-704
 - REFER TO ARCH DWGS FOR LOCATION AND SIZE OF OPENINGS

- 7. SYMBOLS:**
- INDICATES MOMENT CONNECTION
 - INDICATES DEEP BEAM BOTTOM FLANGE BRACING CONNECTION SEE DETAIL 9S-703
 - INDICATES FULL HEIGHT FITTED STIFFENER CONNECTION SEE DETAIL 4S-703
 - INDICATES FULL HEIGHT UNFITTED STIFFENER CONNECTION SEE DETAIL 9S-703
 - INDICATES KICKER AT SPANDREL BEAM CONNECTION SEE DETAIL 3S-703
 - INDICATES SLOPE IN TOP OF SLAB
- 8. NOTATIONS:**
- BF INDICATES LATERAL BRACED FRAME SEE BRACED FRAME ELEVATIONS FOR BEAM INFORMATION AND CONNECTION FORCES
 - CA/CB INDICATES COLUMN ABOVE/BELOW, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1S-702 & 2S-702
 - CBXX INDICATES CASTELLATED BEAM. SEE SCHEDULE 1S-402
 - DS INDICATES HSS/SHS/KB/36 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED) INDICATED WHERE APPLICABLE. SEE DETAIL 3S-702
 - HA/HB INDICATES HANGER ABOVE/BELOW, TENSION AXIAL FORCE IN HANGER BELOW INDICATED WHERE APPLICABLE. SEE DETAIL 3S-702
 - MF INDICATES LATERAL MOMENT FRAME SEE MOMENT FRAME ELEVATIONS FOR BEAM INFORMATION AND CONNECTION FORCES
 - PGXX INDICATES PLATE GIRDER TYPE. SEE S-703 FOR PLATE GIRDER SCHEDULE
 - PGXX/T INDICATES TAPERED PLATE GIRDER. SEE DETAIL 3S-704
 - TC INDICATES TORSIONAL CONNECTION FOR STAIR. SEE DETAIL 1S-704
 - TR INDICATES COLUMN FROM ABOVE TRANSFERS, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1S-702



SLAB MARK	TOTAL SLAB THICKNESS AND CONCRETE TYPE	STEEL DECK (MIN)	CONCRETE TOPPING SLAB	SLAB REINFORCEMENT	NOTES
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S2	7 1/2" NWC	3'-18 GA		4 x 4 - W4.0 x W4.0 WWR	
S3	8" NWC	3'-18 GA			
S4	4" NWC	1 1/2" - 18 GA			
S5	8 1/2" NWC	3'-18 GA		#4 @ 12" O.C. N-S #4 @ 18" O.C. E-W	N-S BARS COORDINATED TO MECHANICAL COUPLERS IN EXISTING SLAB

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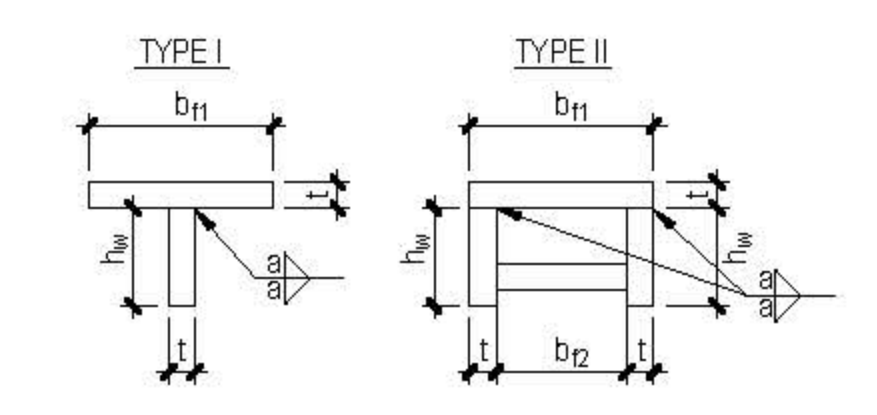
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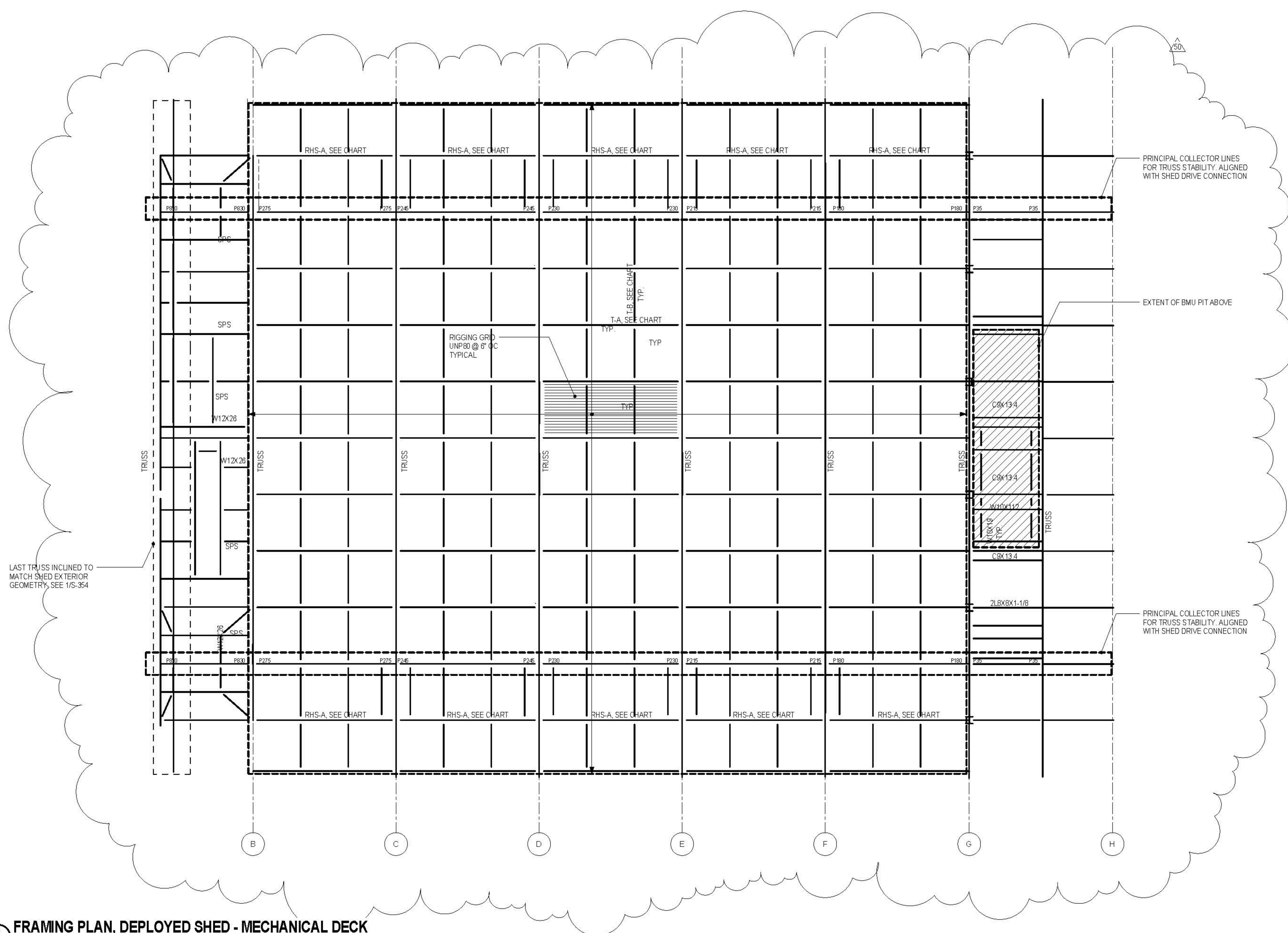
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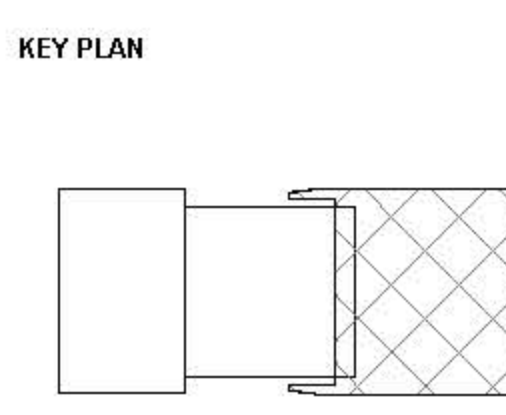
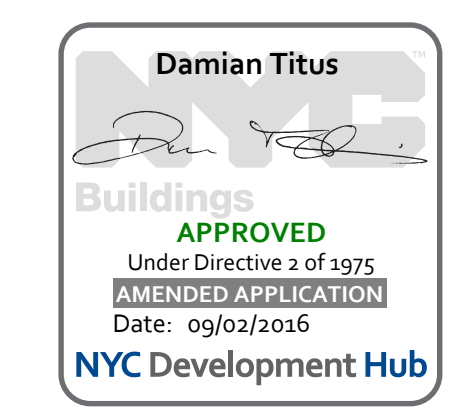
SECTION	b ₁	b ₂	h ₁	t	s
TYPE I T-A	8'-5 7/8"		11'-3 3/4"	7/8"	5/16"
TYPE I T-B	5'-7 7/8"		8'-5 7/8"	7/16"	5/16"
TYPE II RHS-A	15'-3 3/4"	14'-7 3/32"	11'-13 1/16"	3/4"	3/8" P.P.P. ONE SIDE



1 FRAMING PLAN, DEPLOYED SHED - MECHANICAL DECK
1/8" = 1'-0"

SPS, OR SIMILAR APPROVED, DECK SYSTEM TO SPAN BETWEEN THE STEEL FRAMING AS INDICATED. DECK SYSTEM TO BE NO GREATER THAN 33 MM THICK, PROVIDE A 2-HOUR FIRE RATING AND SUPPORT A LIVE LOAD OF 50 P.S.F. (UNFACTORED) AND SATISFY DEFLECTION CRITERIA OF L/360 FOR DESIGN PURPOSES. SPS PANEL 425-4 WAS ADOPTED. SUBJECT TO APPROVAL BY AOR AND EOR.

REFER TO ARCHITECTURAL MODEL AND DRAWINGS. PENDING COORDINATION DURING DESIGN ASSIST.



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DRAWN BY: Audrey
CHECKED BY: Chris
PROJECT NUMBER: N11318.00

TITLE: FRAMING PLAN, DEPLOYED SHED - MECHANICAL DECK

DRAWING NO.: S-152.01

B.SCAN NO.: S-152.01

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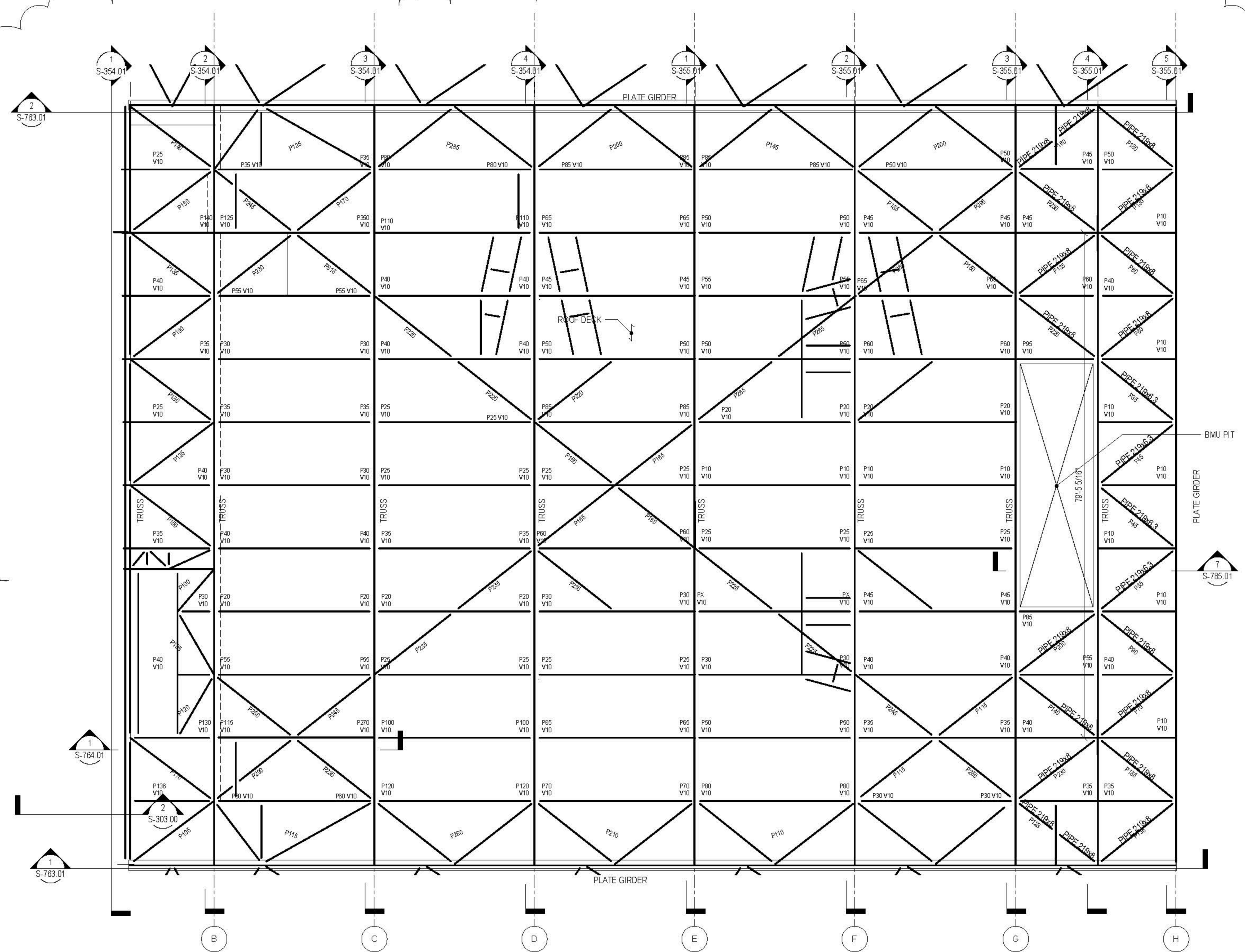
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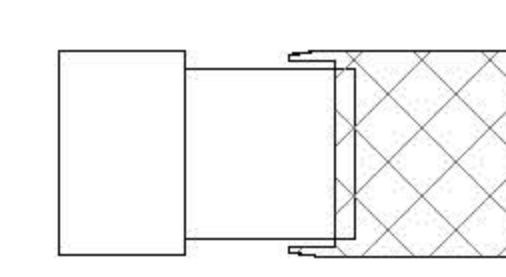
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NOTES
1. CONTRACTOR MAY PROPOSE, SUBJECT TO AGREEMENT WITH ARCHITECT AND SER, TO STANDARDIZE SECTION DESIGNATIONS.
2. WHERE W4X30S ARE SHOWN IT IS ANTICIPATED CONNECTIONS WILL BE SHOP WELDED TO CREATE A TRANSPORTABLE FRAME. A BOLTED CONNECTION MAY BE PROPOSED AND REQUIRE A HEAVIER SECTION



1 FRAMING PLAN, DEPLOYED SHED - ROOF
1/8" = 1'-0"

KEY PLAN



ISSUE PRINTING DATE

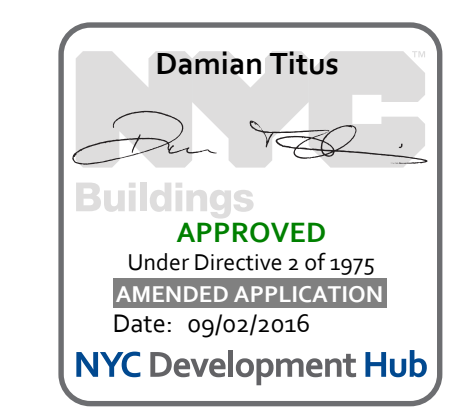
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1		ADVANCED PROCUREMENT BID SET	06.16.2014



DRAWN BY
Autism

CHECKED BY
Chris M

PROJECT NUMBER
N1318.00



DATE: 06/16/2014
APPROVED
Under Directive 1 of 1975
NYC Development Hub

TITLE
FRAMING PLAN, DEPLOYED SHED - ROOF

DRAWING NO.
S-153.01

B.SCAN NO.
S-153.01

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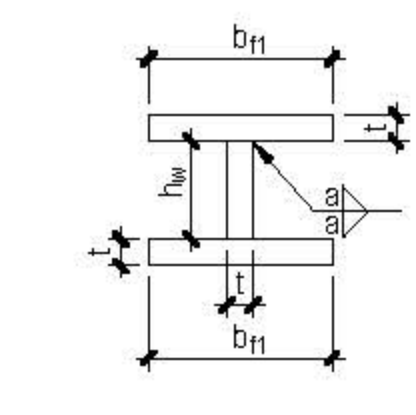
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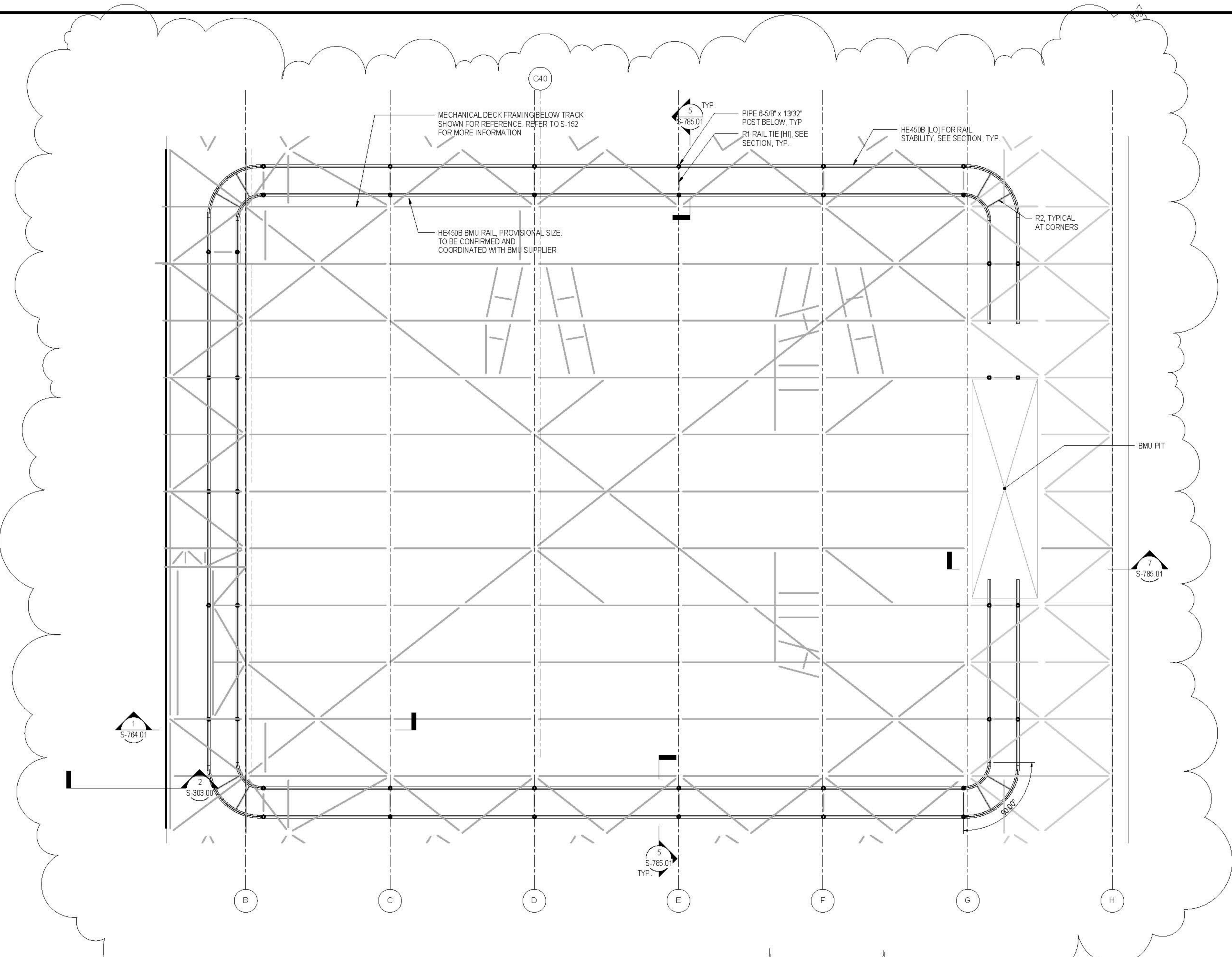
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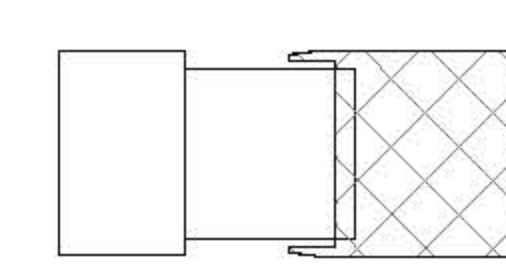


SECTION	b1	b2	t1	t2	s
R1	10'15/64"	10'15/64"	7'-7/8"	1/2"	1'-3/16"
R2	7'-3/16"	7'-3/16"	16'-17/32"	3/8"	3/16"



1 FRAMING PLAN, DEPLOYED SHED - ROOF
1/8" = 1'-0"

KEY PLAN



ISSUE PRINTING DATE

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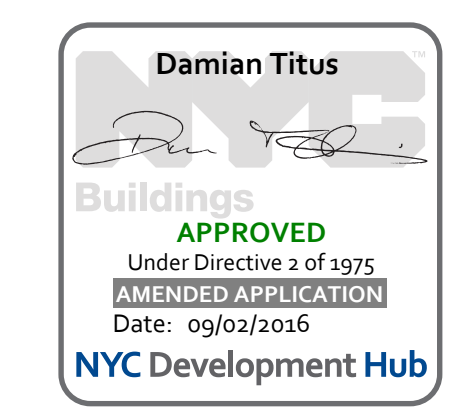
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FRAMING PLAN, DEPLOYED SHED - BMU TRACK

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B.SCAN NO.
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32 of 123



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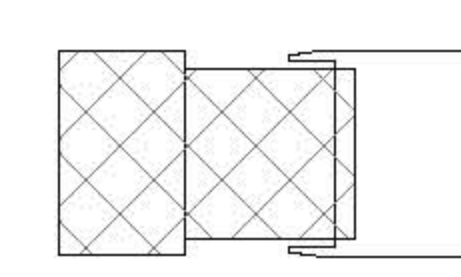
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KEY PLAN



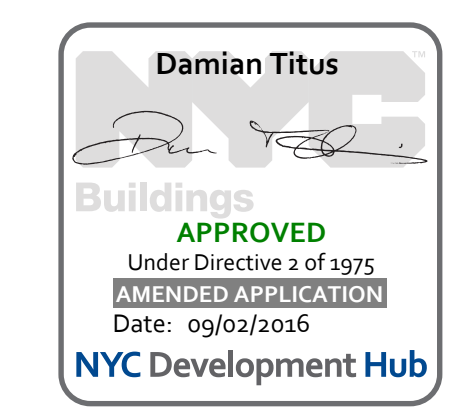
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NO.	DESCRIPTION	DATE
01	01 - DISB AMENDMENT 7	03.19.2016
11	11 - 6 ADV. PROCUREMENT ADDENDUM 6	04.10.2015
10	10 - 4 100% CONSTRUCTION DOCUMENTS	03.18.2015
9	9 - 30% CONSTRUCTION DOCUMENTS	02.16.2015
8	8 - PRELIMINARY DISB SUBMISSION	12.10.2014
1	1 - ADVANCED PROCUREMENT BID SET	06.16.2014



DRAWN BY: **Autmy** CHECKED BY: **Chris**
PROJECT NUMBER: N11318.00

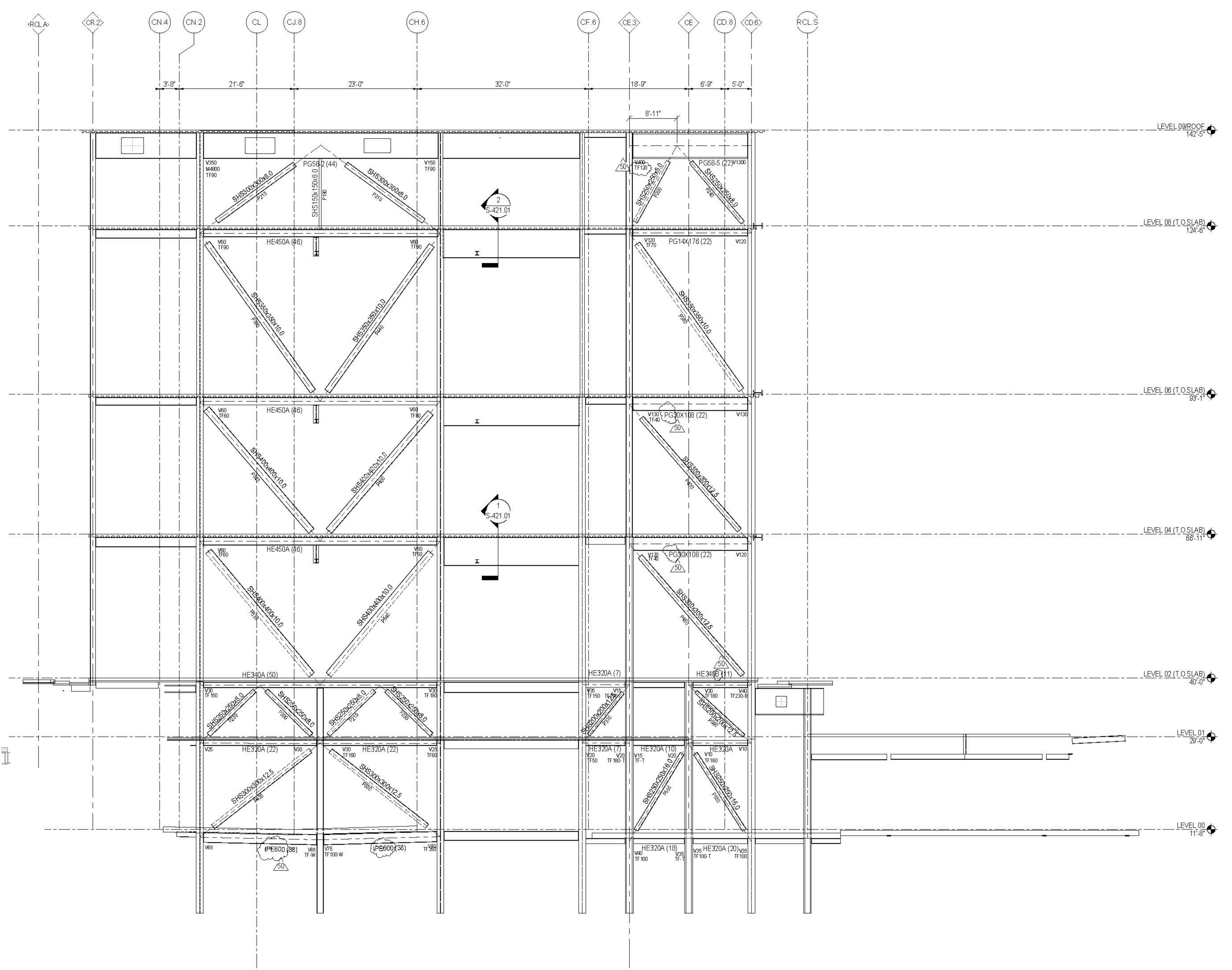
TITLE: BRACING ELEVATIONS FIXED BUILDING II



DRAWING NO.: S-302.01

B.SCAN NO.: S-302.01

B.SCAN NO.: S-302.01



1 ELEVATION ON GRID LINE C58
1/8" = 1'-0"

- GENERAL BRACED FRAME NOTES:**
- REFER TO PLANS FOR TOP STEEL ELEVATIONS AND FOR GRIDLINE DIMENSIONS
 - ALL FORCES (KIPS) ARE FACTORED AND ARE TO BE CONSIDERED FULLY REVERSIBLE UNLESS OTHERWISE NOTED AS FOLLOWS:
+XXX INDICATES TENSION ONLY
-XXX INDICATES COMPRESSION ONLY
 - IF NOT INDICATED DESIGN BRACED FRAME BEAM TO COLUMN CONNECTIONS FOR A MINIMUM TRANSFER FORCE OF XX KIPS
 - SEE TYPICAL BRACE CONNECTION DETAILS
 - ALL BRACE AND BEAM MEMBERS ARE ORIENTED WEB VERTICAL UNLESS OTHERWISE NOTED ON ELEVATION AS FOLLOWS:
(H) INDICATES MEMBER WITH WEB ORIENTED HORIZONTAL
 - SEE PLAN FOR COLUMN ORIENTATION
 - SEE STEEL COLUMN SCHEDULE FOR SHEAR BASE MARK AND SCHEDULE
 - SEE STEEL BEAM LEGEND ON FRAMING PLAN FOR KEY TO BEAM DATA AND FOR FORCES NOT SHOWN
 - ALL BRACED FRAME LINE DIAGRAMS DENOTE CENTERLINES FOR BEAMS AND COLUMNS AND WORKING LINES FOR BRACES (SEE BRACE DETAILS)
 - MINIMIZE UNBRACED LENGTH OF GUSSET AT BRACE TO GUSSET CONNECTIONS
- LEGEND:**
- TFXX INDICATES FACTORED AXIAL FORCE TRANSFERRED THROUGH THE CONNECTION JOINT INTO THE FAR MEMBER IN KIPS
 - TSXX INDICATES FACTORED TENSION COLUMN SPLICE FORCE OR NET UPLIFT AT BASE IN KIPS
SEE TENSION / MOMENT COLUMN SPLICE DETAIL
 - EPX INDICATES SHEAR EMBED PLATE
SEE SCHEDULE AND NOTE 7 ABOVE

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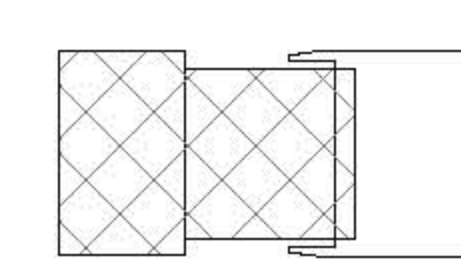
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KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
01	50	DOB AMENDMENT 7 08.19.2016
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05	4	100% CONSTRUCTION DOCUMENTS 03.18.2015
06	3	90% CONSTRUCTION DOCUMENTS 02.16.2015
07	5	PRELIMINARY DOB SUBMISSION 12.10.2014
08	1	ADVANCED PROCUREMENT BID SET 06.16.2014

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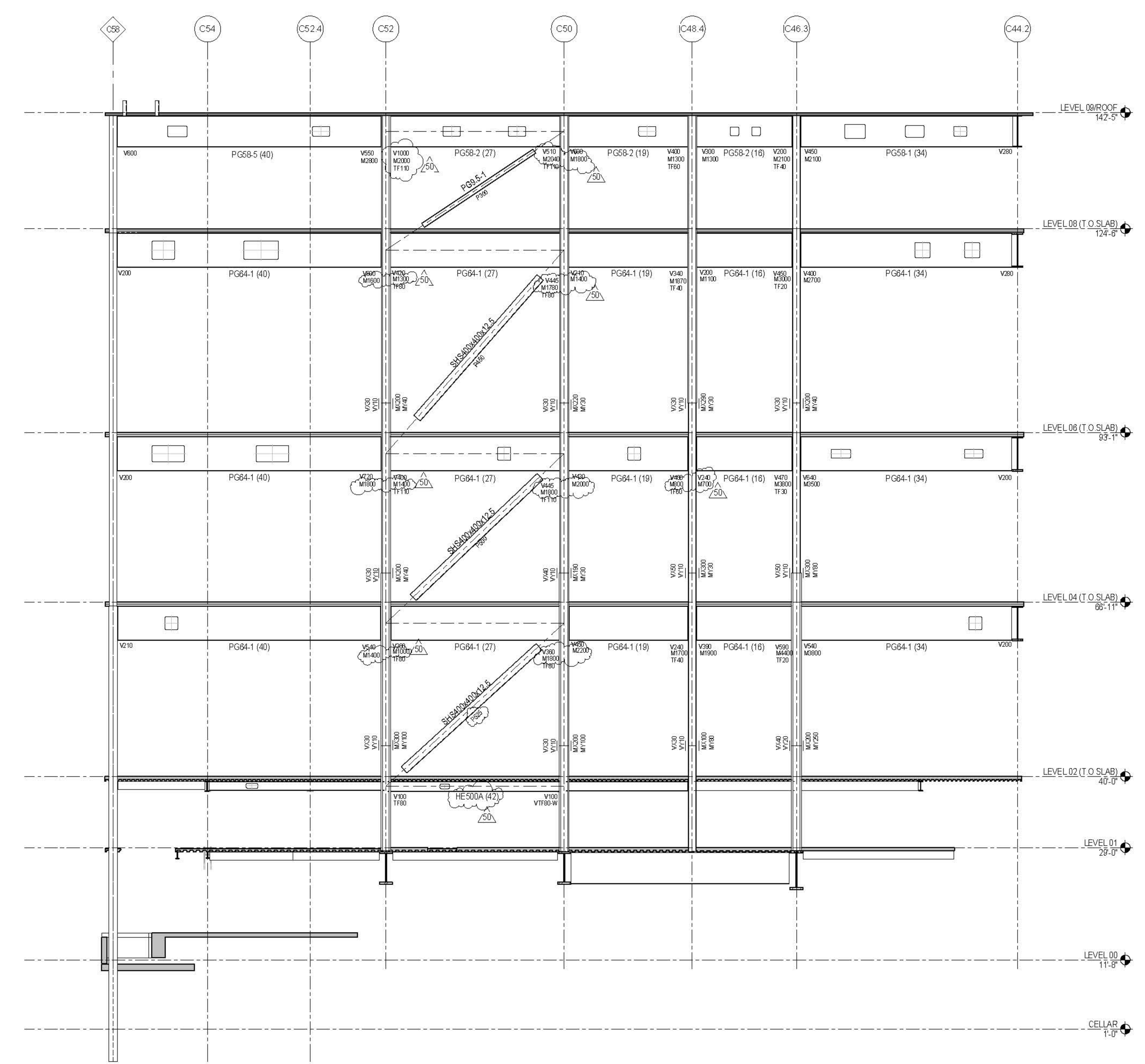
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TITLE
BRACING ELEVATIONS FIXED BUILDING II

DRAWING NO.
S-303.01

B.SCAN NO.
S-303.01

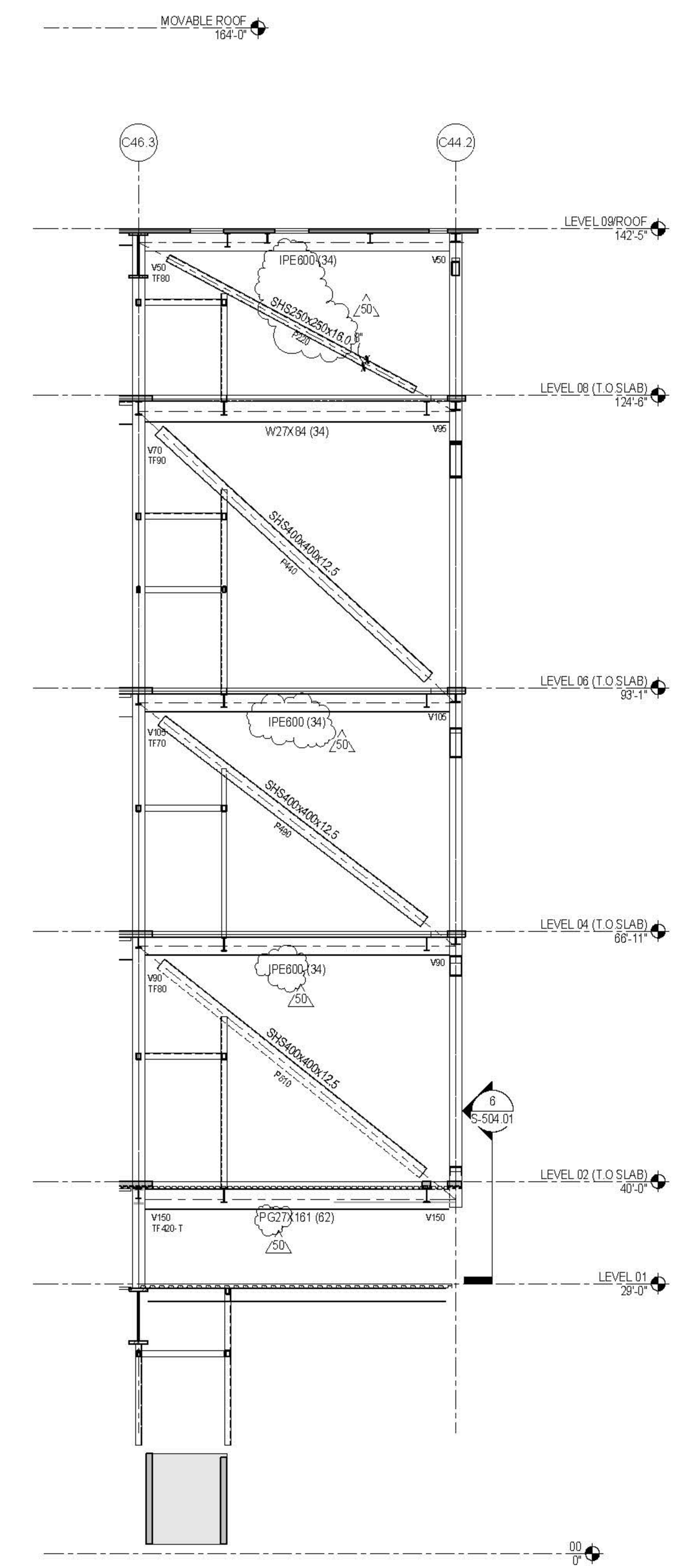
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1 ELEVATION ON GRID LINE CE.3

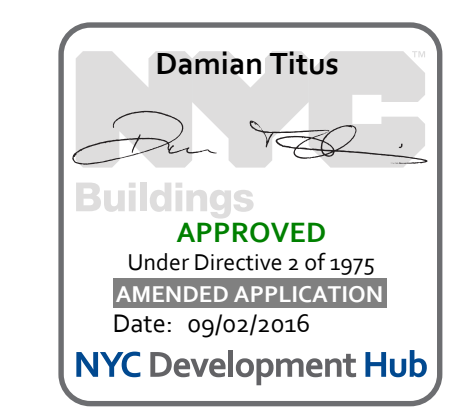
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- LEGEND:**
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SEE TENSION / MOMENT COLUMN SPLICE DETAIL
- EPX INDICATES SHEAR EMBED PLATE
SEE SCHEDULE AND NOTE 7 ABOVE



2 ELEVATION ON GRID CE

- 1/8" = 1'-0"
- GENERAL BRACED FRAME NOTES:**
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 - MINIMIZE UNBRACED LENGTH OF GUSSET AT BRACE TO GUSSET CONNECTIONS



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Chris

PROJECT NUMBER
N11318.00

TITLE
BRACING ELEVATIONS FIXED BUILDING II

DRAWING NO.
S-303.01

B.SCAN NO.
S-303.01

37 of 123

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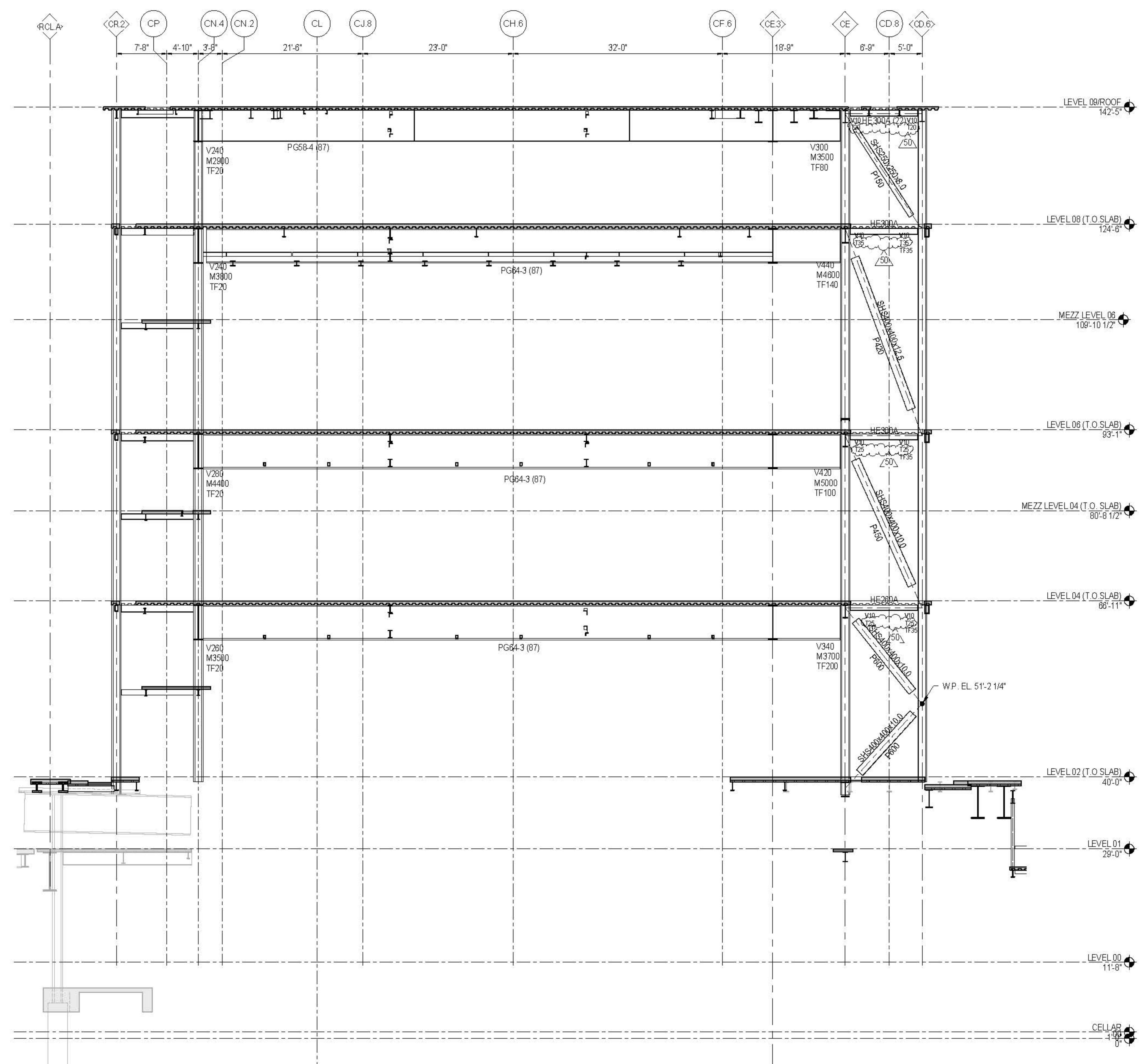
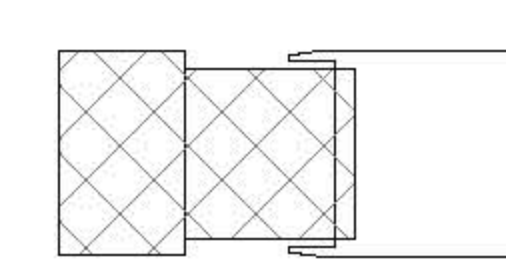
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KEY PLAN



SECTION AT GRID LINE C44.2
WB = T-O

GENERAL BRACED FRAME NOTES:

- REFER TO PLANS FOR TOP STEEL ELEVATIONS AND FOR GRIDLINE DIMENSIONS
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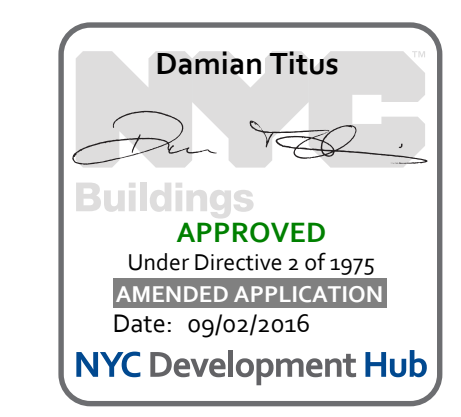
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01	01	08/19/2016
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10	4	03/18/2015
9	3	02/16/2015
8	2	12/10/2014
1	1	06/16/2014

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PROJECT NUMBER: N11318.00

TITLE: BRACING ELEVATIONS FIXED BUILDING IV



DRAWING NO. S-304.01

B.SCAN NO. S-304.01

38 of 123

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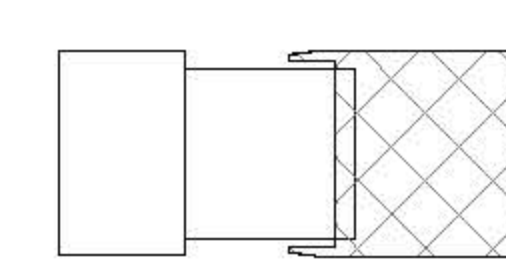
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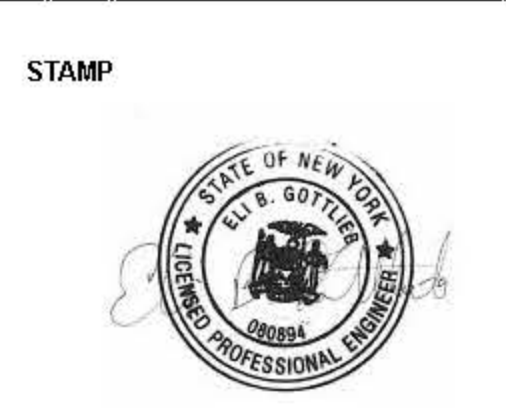
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KEY PLAN



ISSUE	PRINTING	DATE	
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6		PRELIMINARY DOB SUBMISSION	12.10.2014
1		ADVANCED PROCUREMENT BID SET	06.16.2014

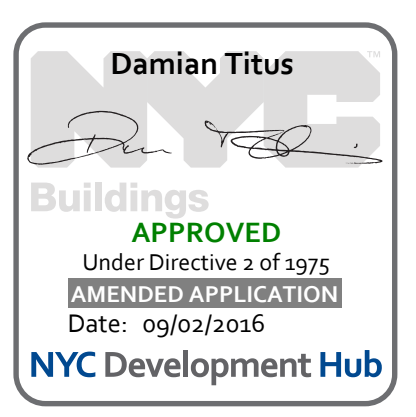


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Chris

PROJECT NUMBER
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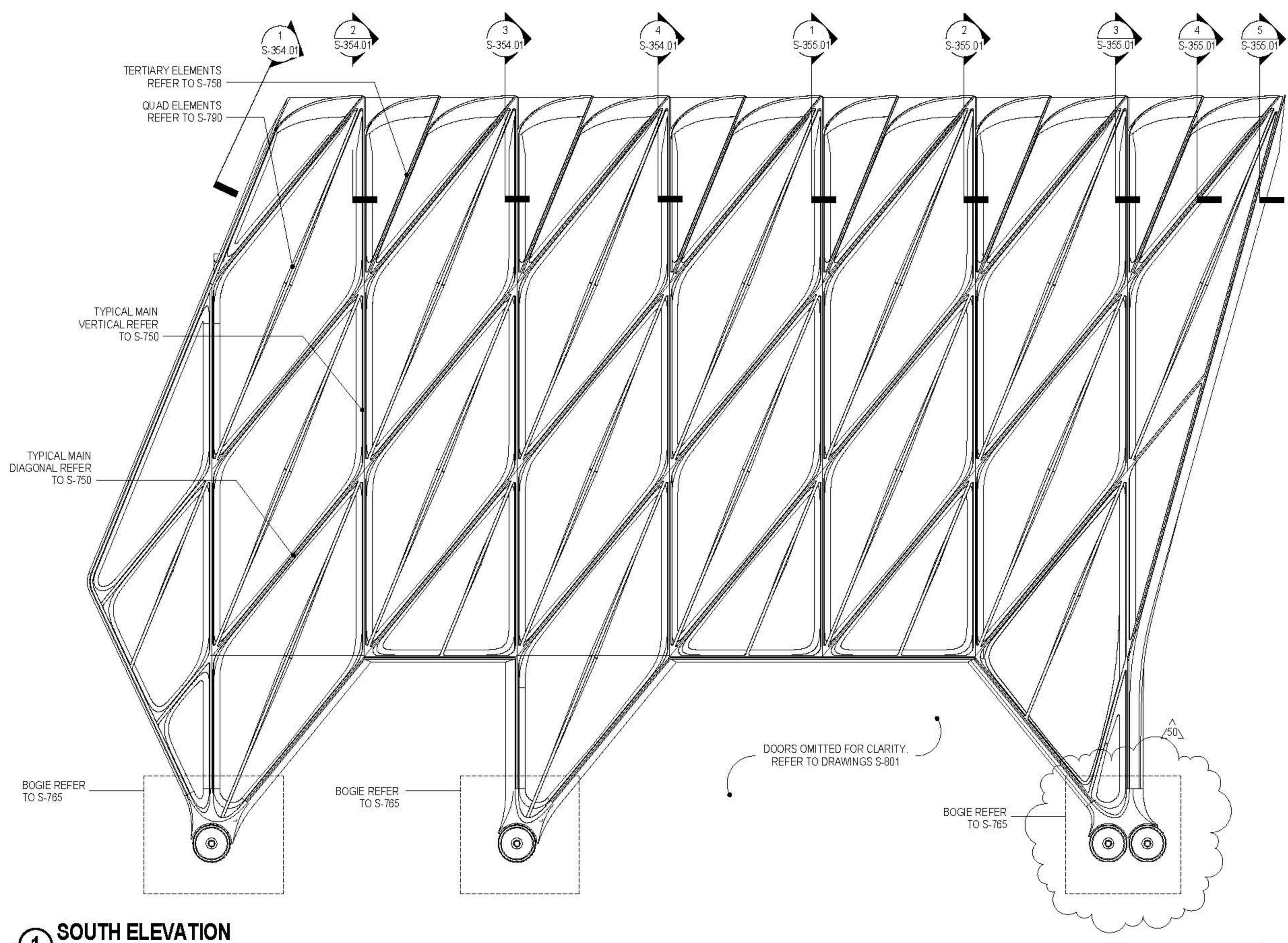
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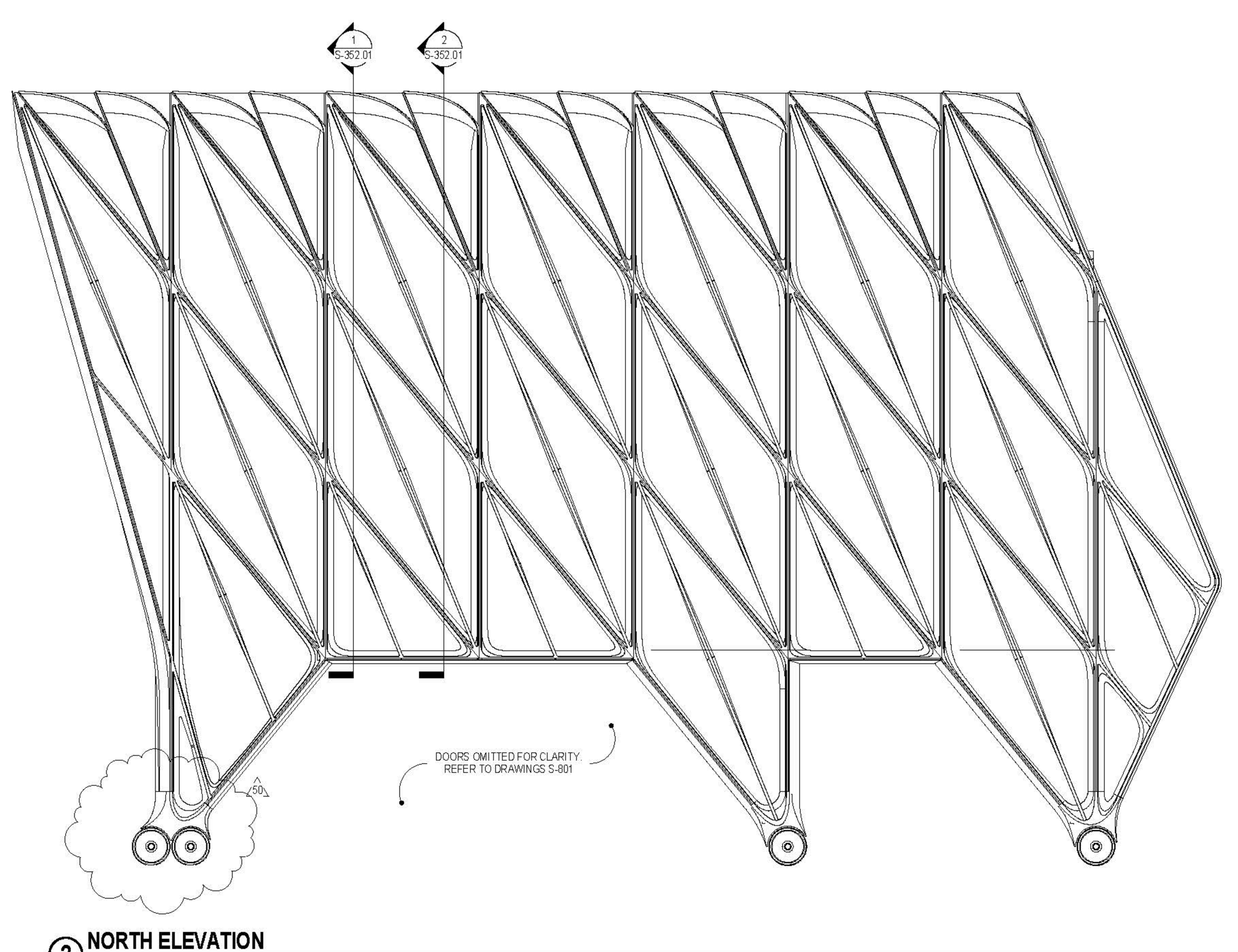
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B.SCAN NO.
S-351.01

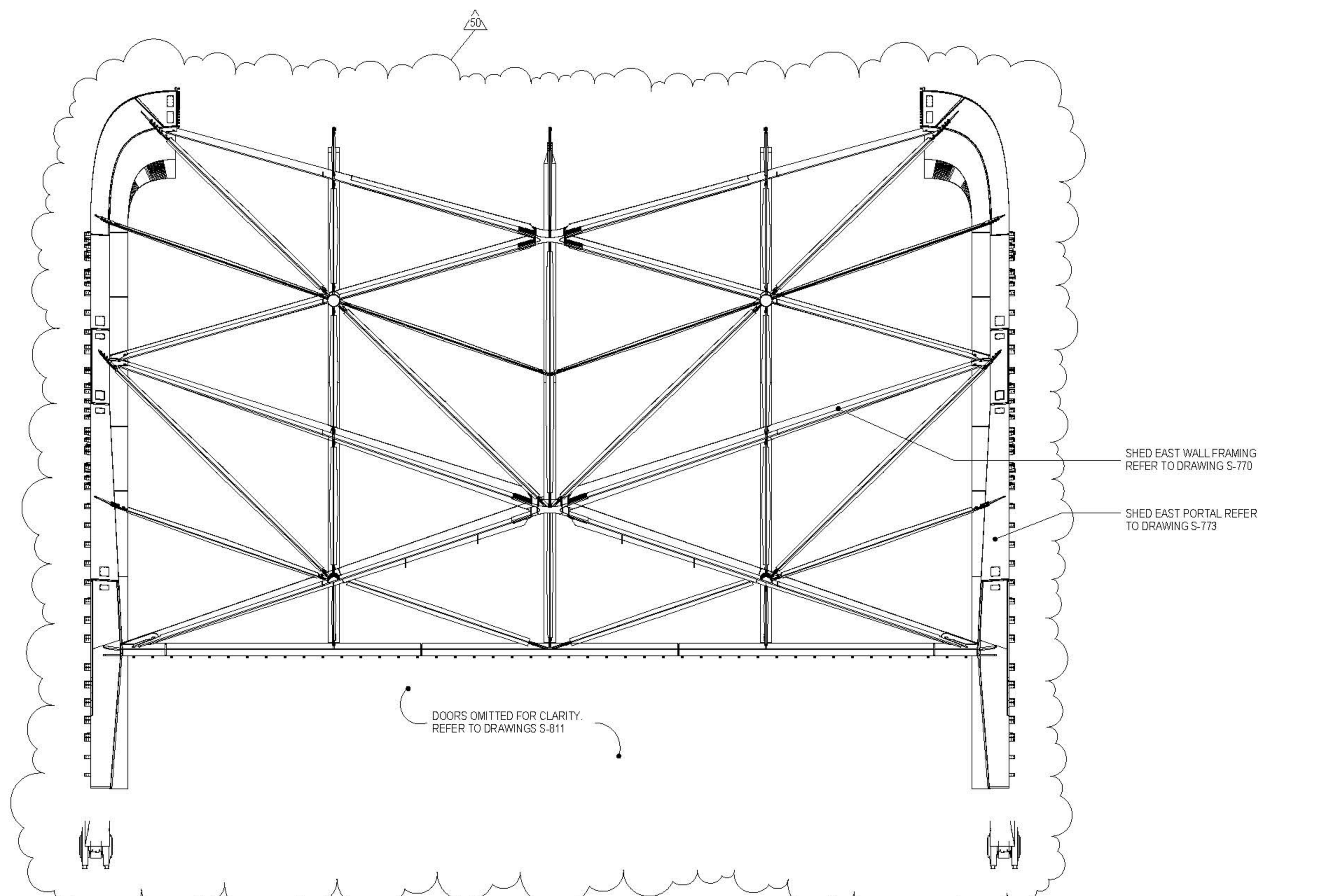
44 of 123



1 SOUTH ELEVATION
3/32" = 1'-0"



2 NORTH ELEVATION
3/32" = 1'-0"



3 EAST ELEVATION
3/32" = 1'-0"

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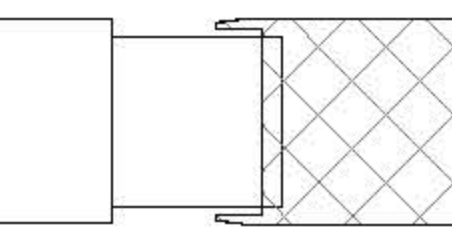
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KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
63	60	DOB AMENDMENT 7 03/19/2016
44	30	DOB AMENDMENT 6 04/02/2016
21		CONSTRUCTION SET 10/08/2015
10	4	100% CONSTRUCTION DOCUMENTS 03/18/2015
9		90% CONSTRUCTION DOCUMENTS 02/16/2015
6		PRELIMINARY CDR SUBMISSION 12/10/2014
1		ADVANCED PROCUREMENT BID SET 06/16/2014

STAMP



DRAWN BY: Audrey
CHECKED BY: Chris M

PROJECT NUMBER: N11318.00

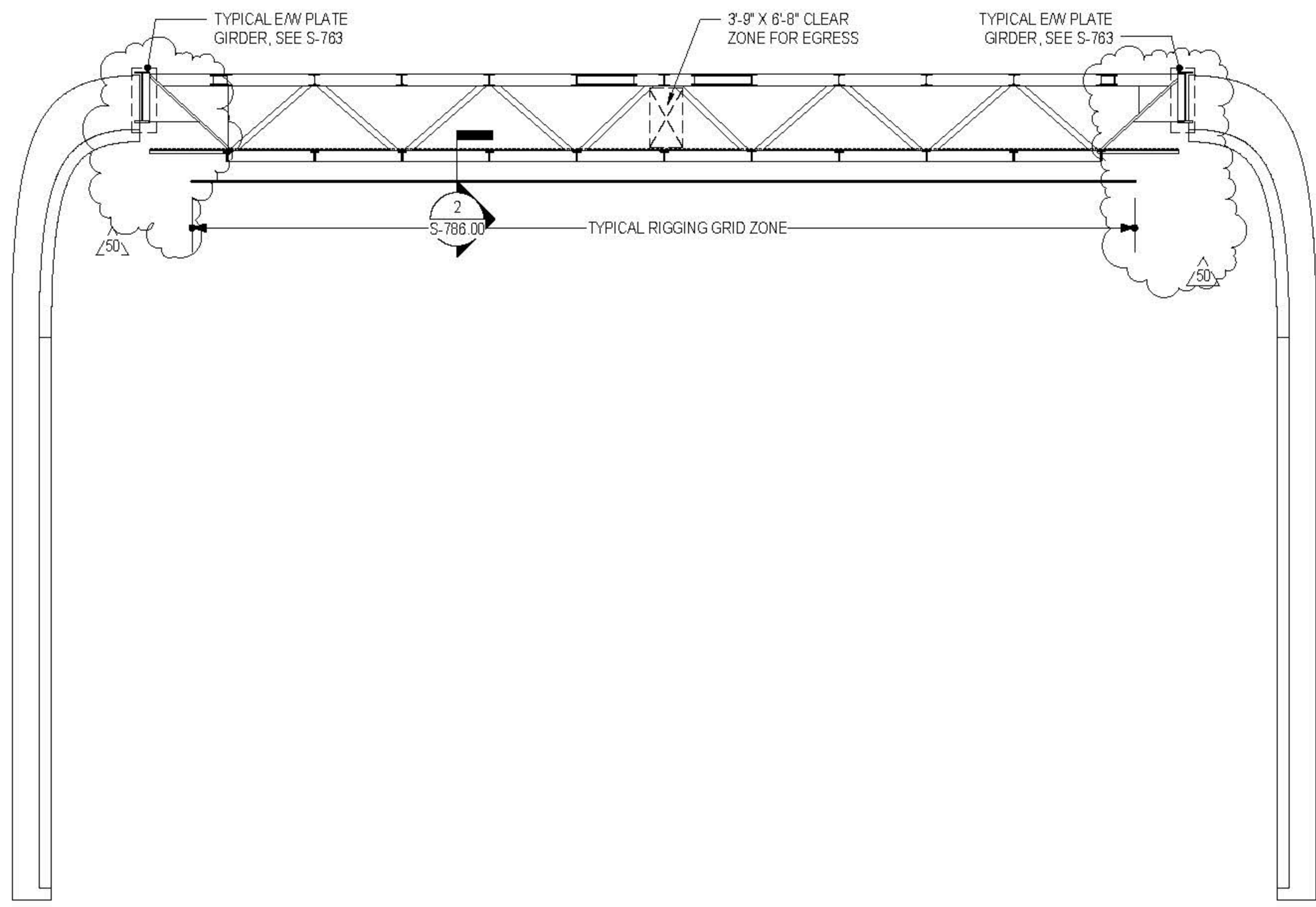
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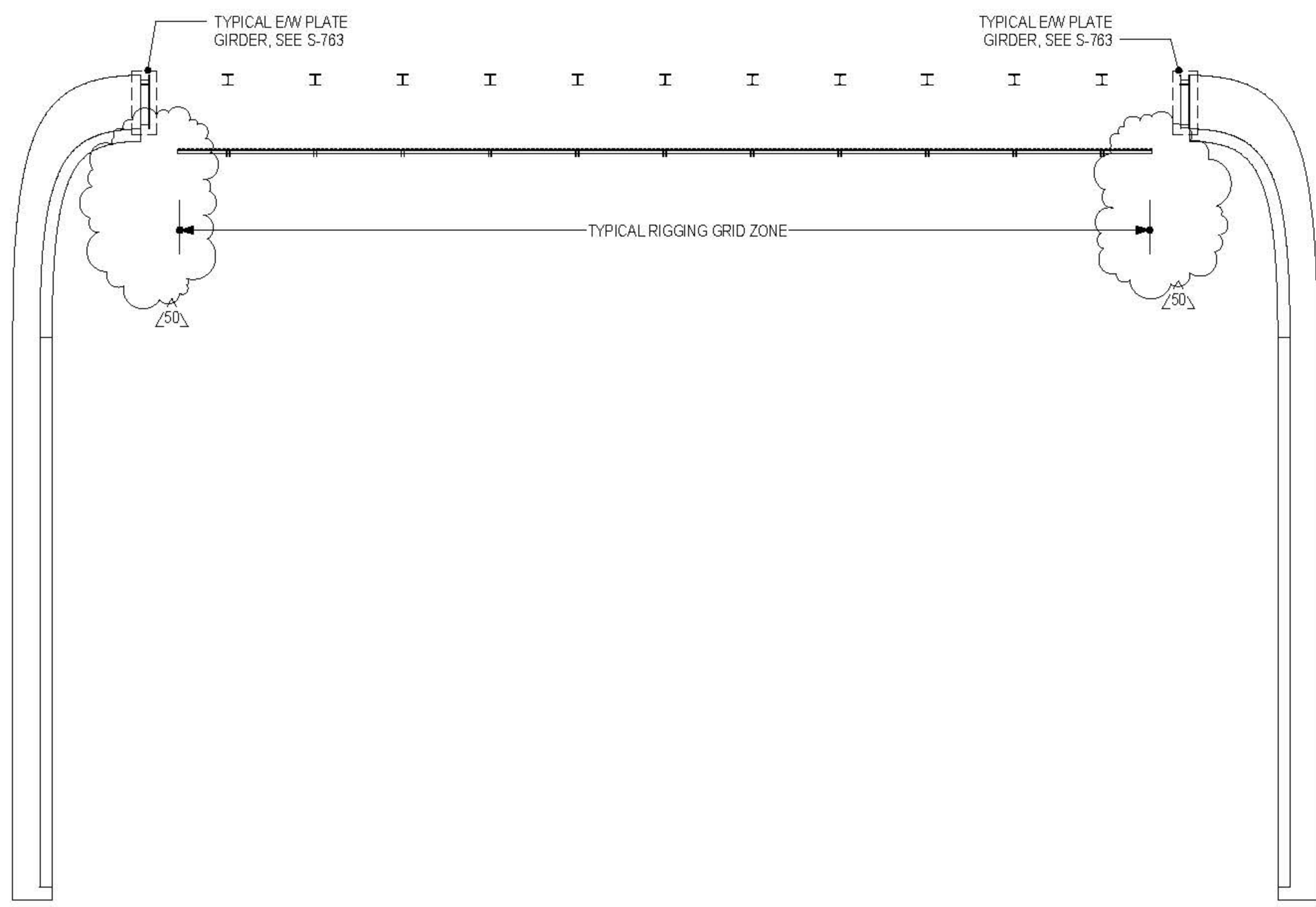
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S-352.01

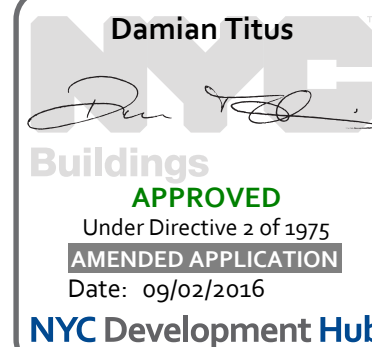
45 of 123



1 TYPICAL SECTION AT TRUSSES
3/32" = 1'-0"



2 TYPICAL SECTION BETWEEN TRUSSES
3/32" = 1'-0"



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FOR TYPICAL NORTH/SOUTH TRUSS DETAILS REFER TO DRAWING S-788

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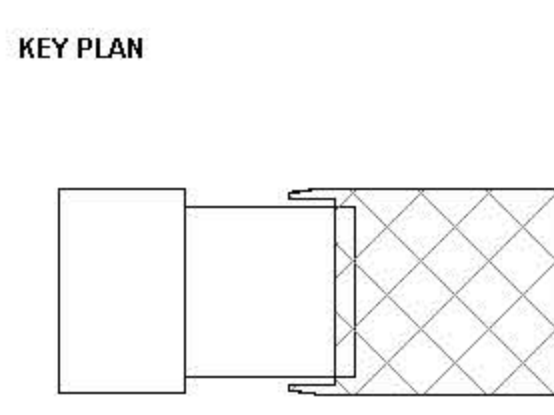
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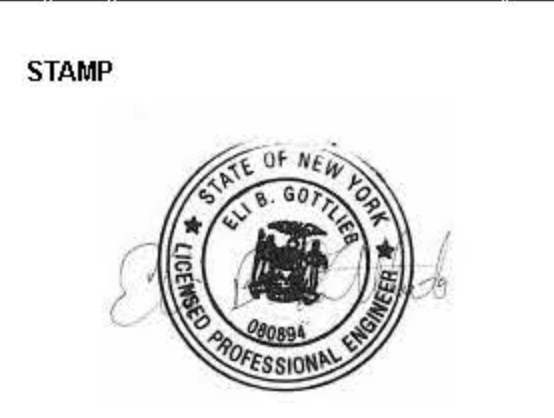
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ISSUE **PRINTING** **DATE**

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 Damian Titus

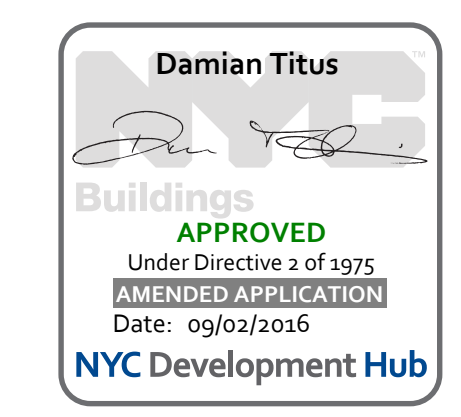
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 Chris

PROJECT NUMBER
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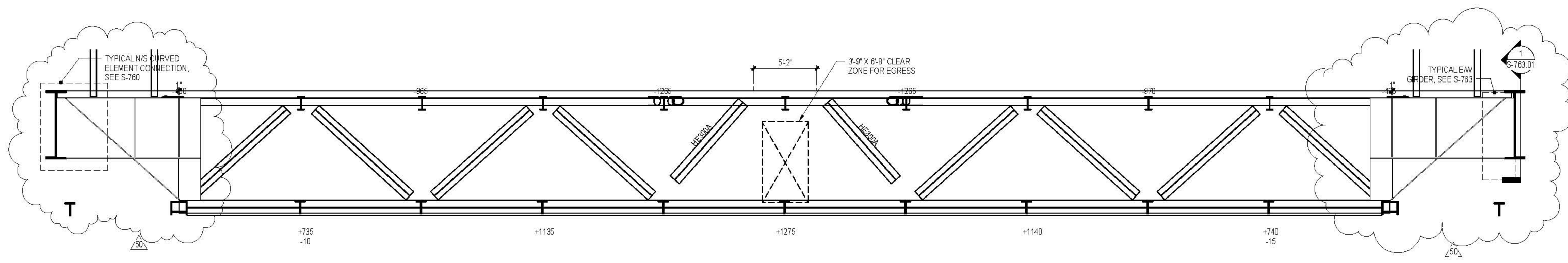
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 TRUSS SECTIONS

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 S-355.01

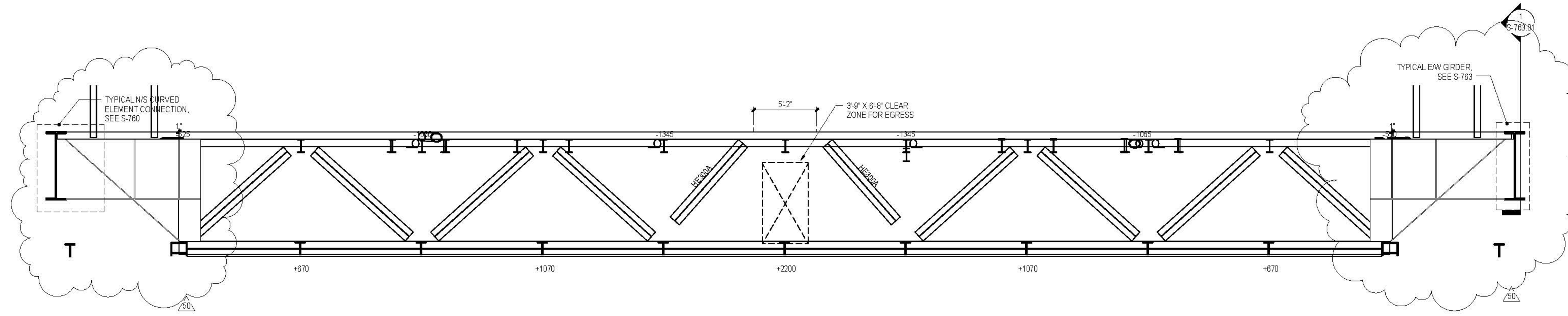
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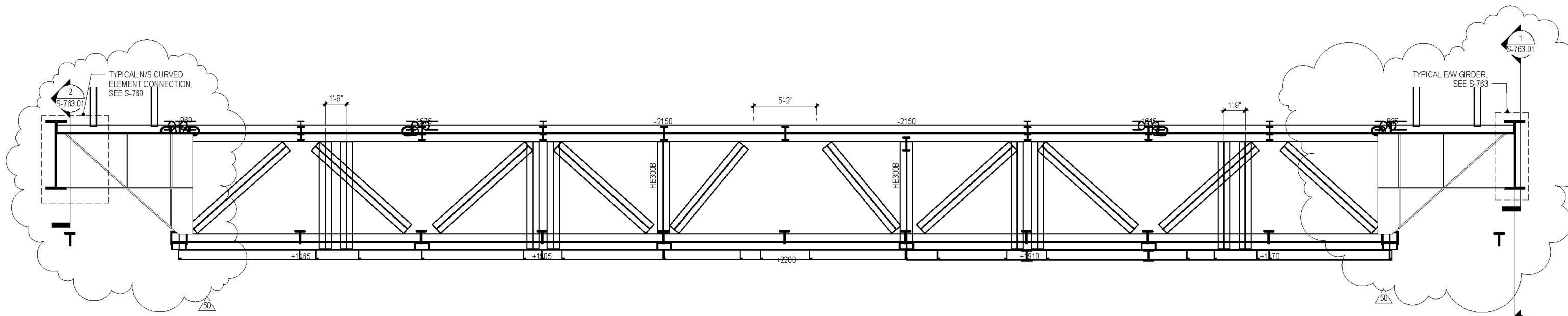
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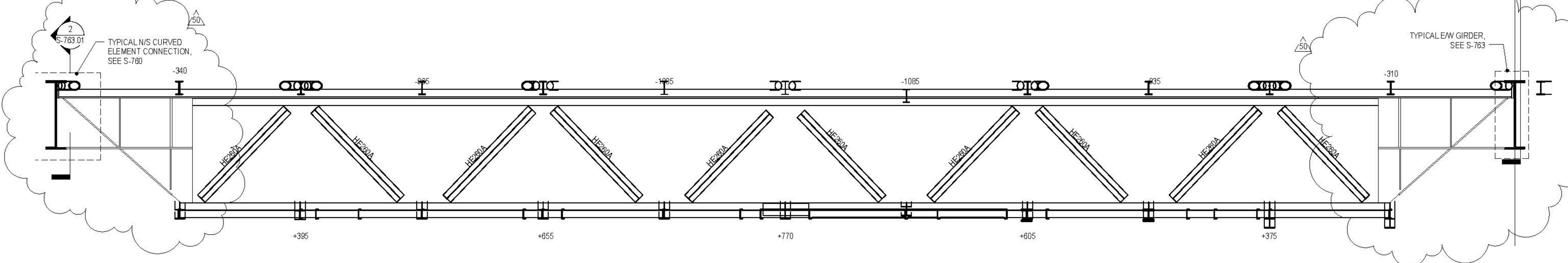
1 TRUSS 05
 1/4" = 1'-0"



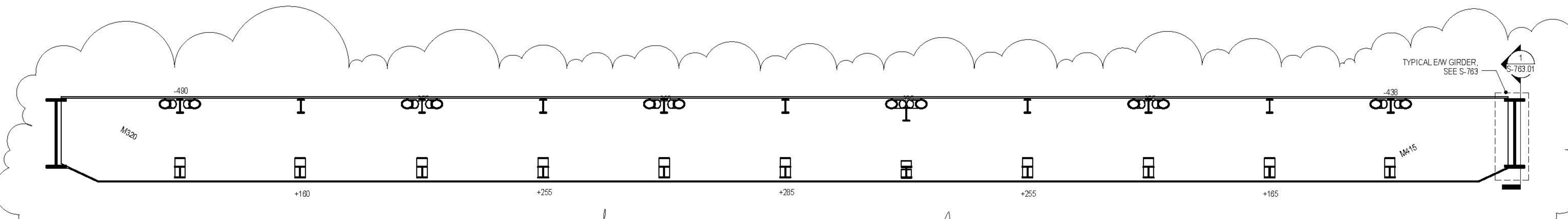
2 TRUSS 06
 1/4" = 1'-0"



3 TRUSS 07
 1/4" = 1'-0"



4 TRUSS 08
 1/4" = 1'-0"



5 TRUSS 09
 1/4" = 1'-0"

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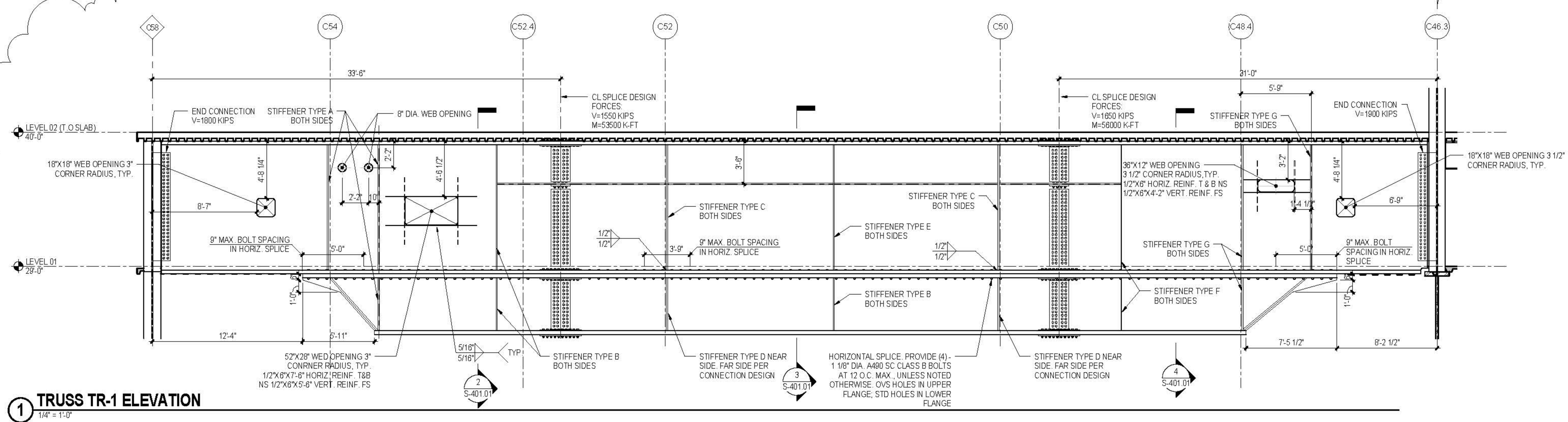
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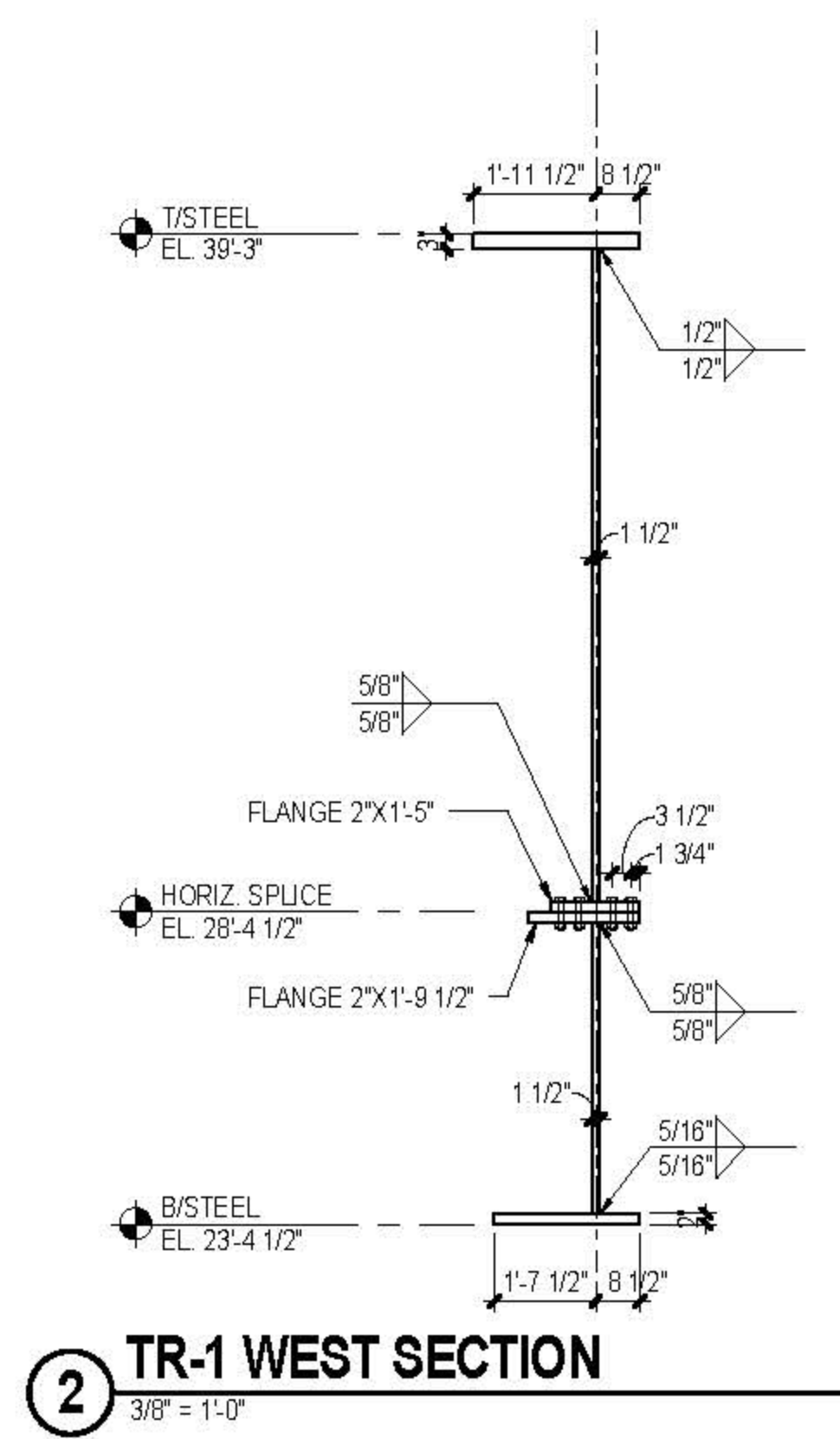
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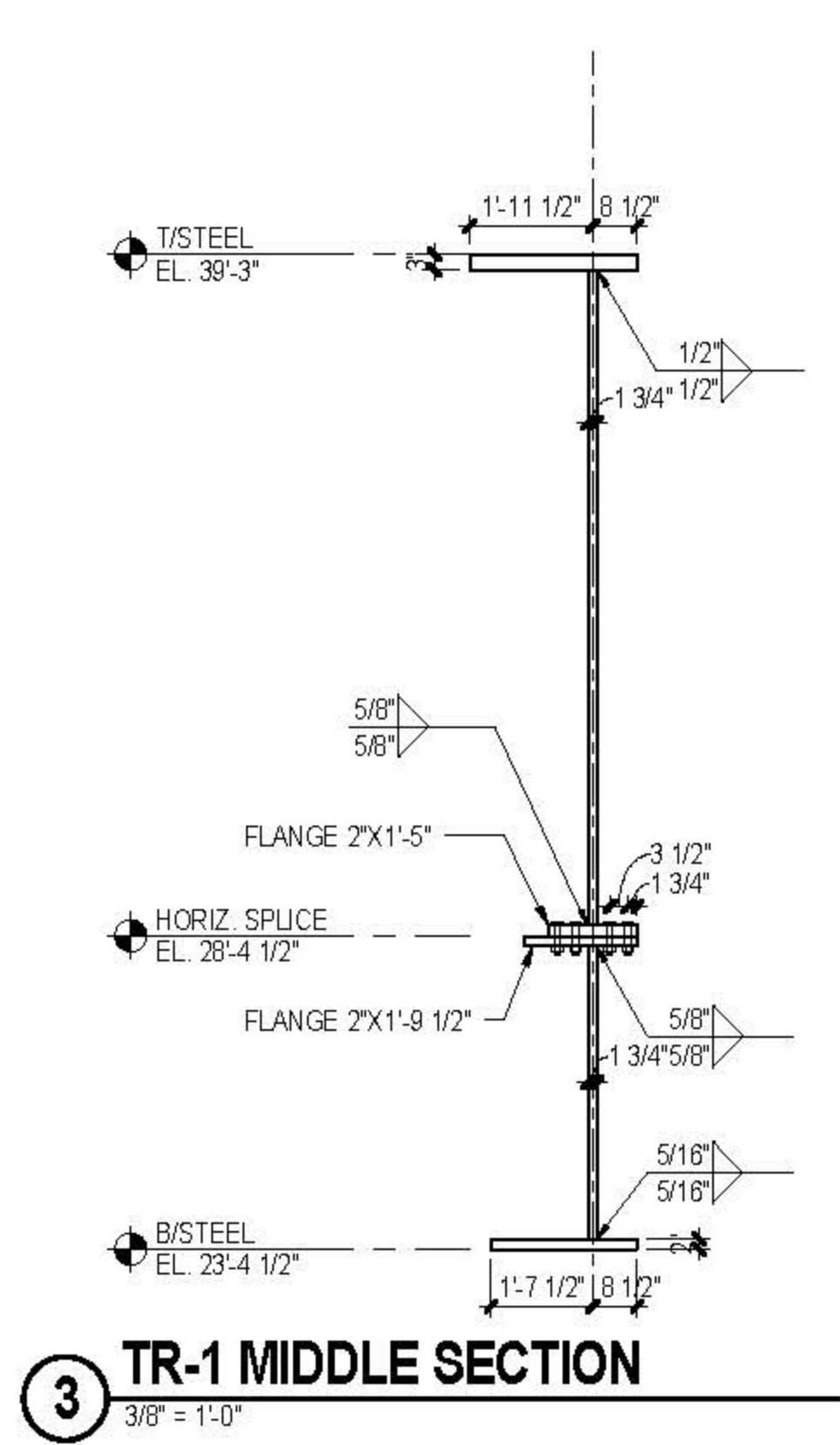


STIFFENER SCHEDULE			
TYPE	THICKNESS	WIDTH	FILLET WELD (BOTH SIDES)
A	1 1/2"	7.34"	5/16"
B	3/4"	7.34"	5/16"
C	1 1/2"	8"	5/16"
D	1 1/2"	7.34"	1/2"
E	3/4"	8"	5/16"
F	3/4"	7 1/2"	5/16"
G	1 1/2"	7 1/2"	5/16"

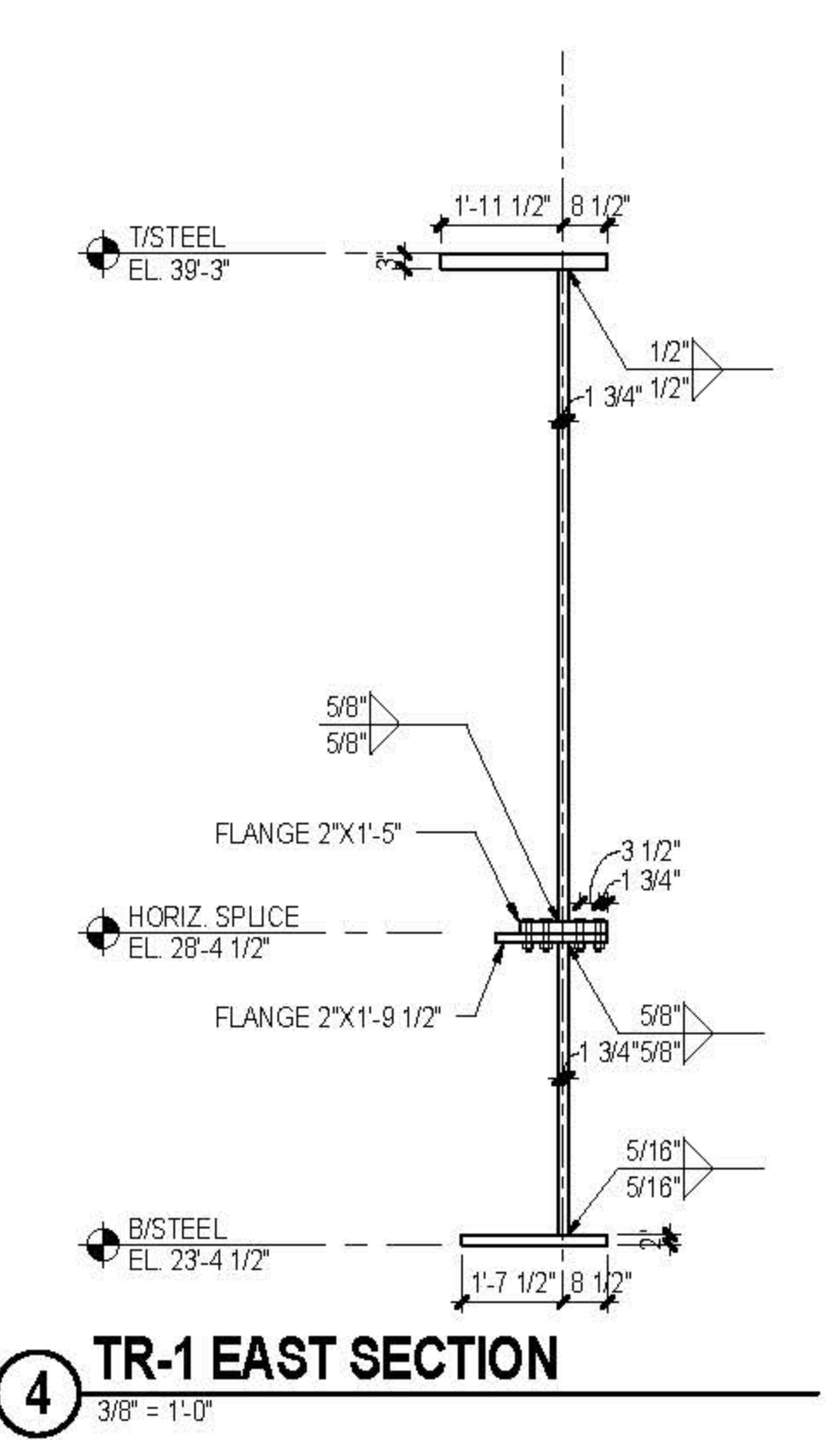
1 TRUSS TR-1 ELEVATION
1/4" = 1'-0"



2 TR-1 WEST SECTION
3/8" = 1'-0"

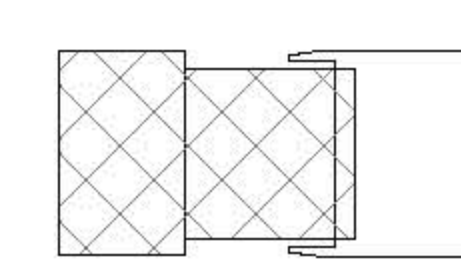


3 TR-1 MIDDLE SECTION
3/8" = 1'-0"



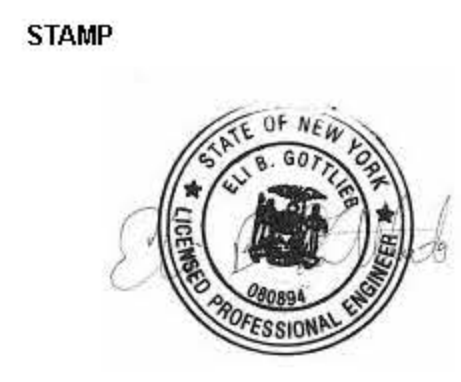
4 TR-1 EAST SECTION
3/8" = 1'-0"

KEY PLAN



ISSUE PRINTING DATE

NO.	DESCRIPTION	DATE
01	01 - DISB AMENDMENT 7	03.19.2016
11	6 - ADV. PROCUREMENT ADDENDUM 6	04.10.2016
10	4 - 100% CONSTRUCTION DOCUMENTS	03.18.2016
9	90% CONSTRUCTION DOCUMENTS	02.16.2016
6	PRELIMINARY DIS SUBMISSION	12.10.2014
1	ADVANCED PROCUREMENT BID SET	06.16.2014



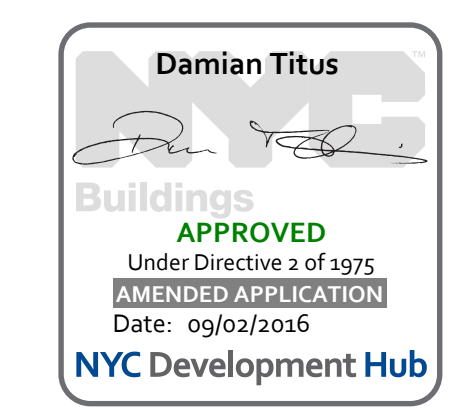
DRAWN BY: Damian Titus
CHECKED BY: [Signature]

PROJECT NUMBER: N11318.00

TITLE: FIXED BUILDING TRUSS ELEVATIONS AND DETAILS

DRAWING NO.: S-401.01

B.SCAN NO.: S-401.01



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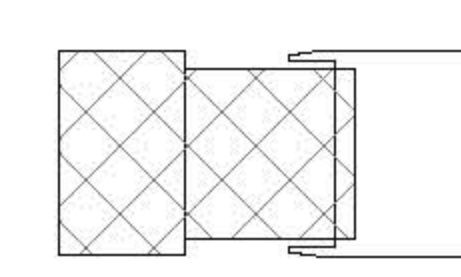
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ISSUE PRINTING DATE

01	00	DOB AMENDMENT 7	03/19/2015
11	0	ADV. PROCUREMENT ADDENDUM 6	04/10/2015
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6	0	PRELIMINARY CIB SUBMISSION	12/10/2014
1	0	ADVANCED PROCUREMENT BID SET	06/16/2014

STAMP



DRAWN BY: *Autum* CHECKED BY: *Chris*

PROJECT NUMBER: N11318.00

TITLE: CASTELLATED BEAM ELEVATIONS AND DETAILS

DRAWING NO.: S-402.01

B.SCAN NO.: S-402.01

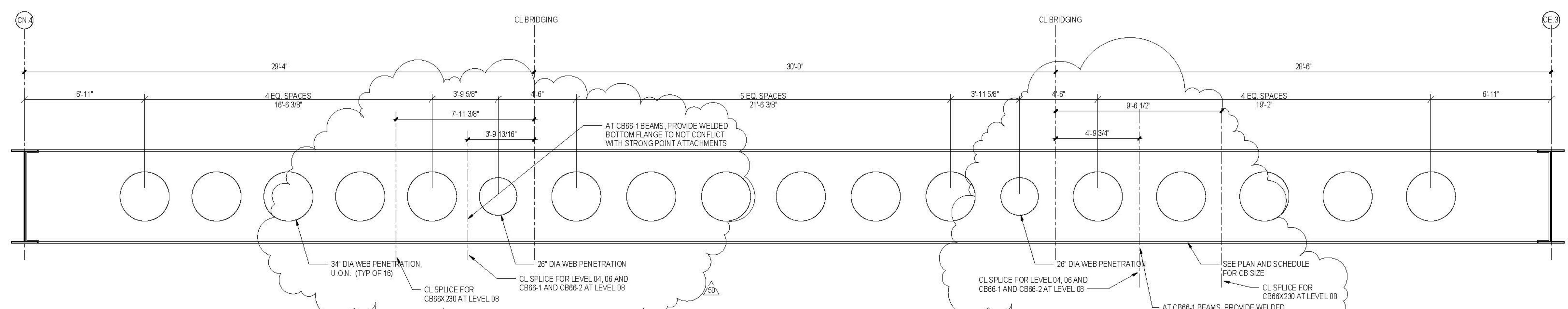
49 of 123

PLATE GIRDER SCHEDULE										
MARK	d (in)	MIDDLE ZONE			END ZONES			REMARKS		
		FLANGE	WEB	WELD	FLANGE	WEB	WELD			
		bf (in)	tf (in)	tw (in)	a (in)	bf (in)	tf (in)	tw (in)	a (in)	
CB86X187	58	12	1.0	0.825	1/2	-	-	-	-	
CB86X230	66	16	1.25	0.75	9/16	66	16	1.0	0.75	9/16
CB86X262	66	16	1.5	0.875	5/8	66	16	1.25	0.875	5/8
CB86-1	66	18	2.0	1.0	3/4	66	18	1.25	1.0	3/4
CB86-2	66	20	2.5	1.25	1	-	-	-	-	

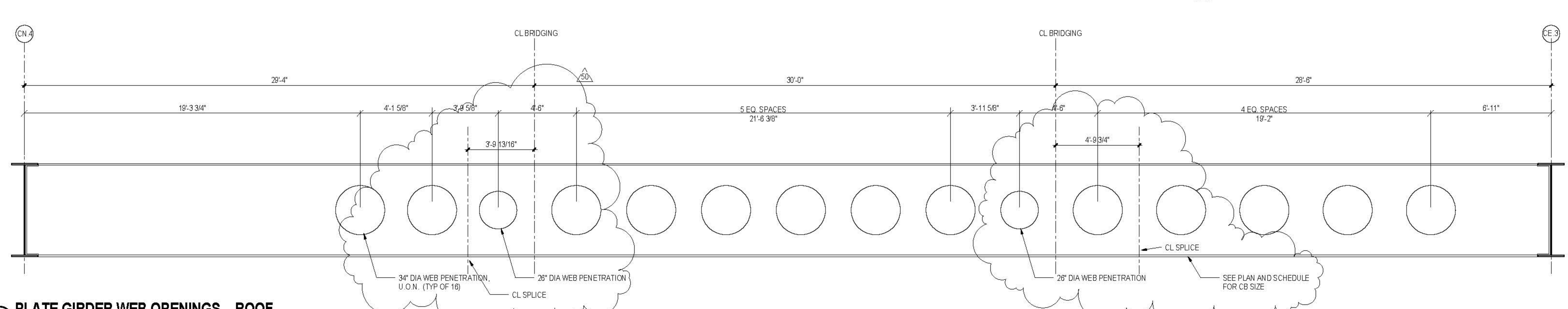
- NOTES:
- MIDDLE ZONE APPLIES TO THE PORTION OF THE BEAM BETWEEN TWO SPLICE LOCATIONS AS INDICATED IN THE BEAM ELEVATIONS 1 AND 2. END ZONES APPLY TO THE PORTION OF THE BEAM FROM THE SPLICE TO THE END OF THE MEMBER.
 - WHERE NO VALUES ARE SCHEDULED FOR THE END ZONES, THE BEAMS SHALL HAVE THE PROPERTIES SPECIFIED FOR THE MIDDLE ZONE OVER THEIR ENTIRE LENGTH.

- NOTES:
- SIZE OF WELD 'a' ASSUMES SHIELDED METAL ARC WELDING (SMAW)
 - ALL WELDS ARE CONTINUOUS UON
 - PLATE GIRDER DESIGNED FOR THE FOLLOWING PLATE GRADE:
 tf, tw < 4", ASTM A572 Fy = 50 KSI
 4" < tf < 6", ASTM A572 Fy = 62 KSI
 6" < tf < 8", ASTM A36 Fy = 36 KSI

1 CB PLATE GIRDER SCHEDULE
1" = 1'-0"

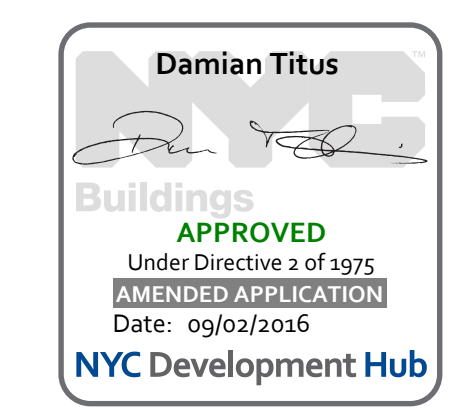


2 CB PLATE GIRDER WEB OPENINGS - LEVELS 04, 06, 08
3/8" = 1'-0"



3 PLATE GIRDER WEB OPENINGS - ROOF
3/8" = 1'-0"

SPLICE DESIGN FORCES			
Level	Mark	V (kips)	M (kip-ft)
04	CB86-2	200	7000
04	CB86X230	110	4000
06	CB86-2	250	9000
06	CB86X262	150	5200
08	CB86-2	210	7800
08	CB86X230	150	4100
08	CB86-2	170	6100
ROOF	CB86X187	70	2300



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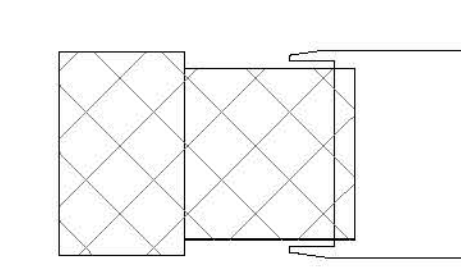
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ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
E1	DIS AMENDMENT 7	09/10/2018
E2	AS-BUILT	04/01/2018
E3	CONSTRUCTION SET	10/29/2018
E4	DIS AMENDMENT 3	09/10/2018
E5	ADDENDUM 4	06/11/2018
E6	ADV. PROUREMENT ADDENDUM 5	04/10/2018
E7	100% CONSTRUCTION DOCUMENTS	08/10/2018
E8	PRELIMINARY DIS AMENDMENT	12/10/2014
E9	ADV. PROUREMENT ADDENDUM 1	10/23/2014

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Aldrey

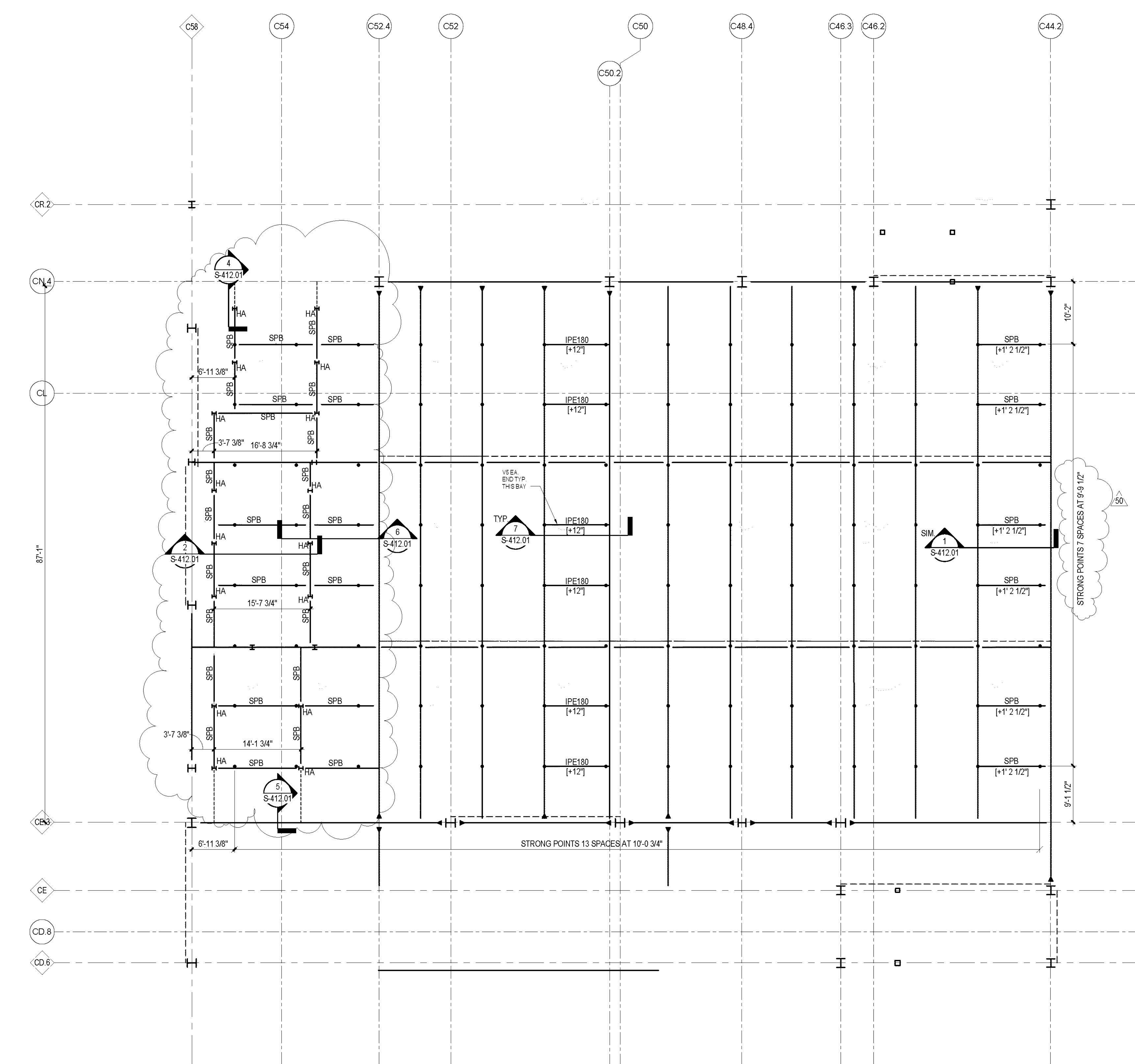
CHECKED BY
Damian Titus

PROJECT NUMBER
N1131800

TITLE
STRONG POINT SUPPORT FRAMING PLAN,
FIXED BUILDING LEVEL 04

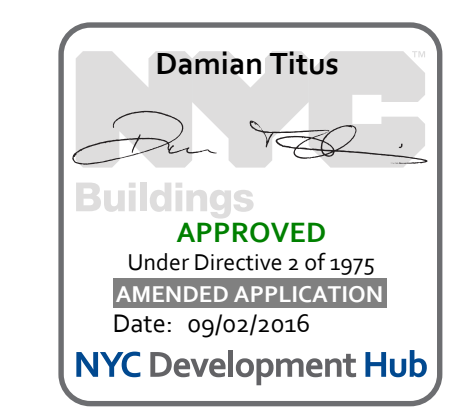
DRAWING NO.
S-410.01A

B-SCAN NO.
S-410.01



1 FIXED BUILDING LEVEL 04 STRONG POINT SUPPORT FRAMING PLAN
1/8" = 1'-0"

- SHEET NOTES**
- AT LEVEL 04, STEEL EL. 60'-7" UON.
 - REFER TO S-104 FOR ALL FRAMING SIZES NOT INDICATED.
 - NOTATIONS
 - INDICATES IPE 270 HANGER ABOVE. REFER TO DETAIL 2/S-412 FOR DETAILS.
 - INDICATES RH5150X100X8 STRONG POINT SUPPORT BEAM. CONNECT FOR MIN VS. TS, EA. END UNLESS OTHERWISE NOTED ON PLAN.
 - SYMBOLS
 - INDICATES STRONG POINT SUPPORT LOCATION - REFER TO ARCH. DWGS. FOR ADDITIONAL INFORMATION. SUPPORT FRAMING IS DESIGNED FOR 1000 LB MAXIMUM LOAD ON STRONG POINTS.



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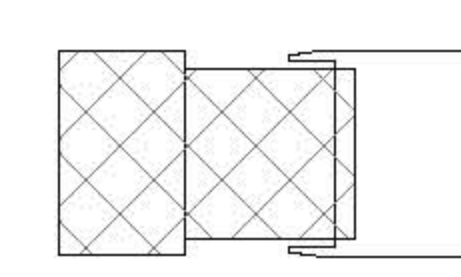
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61	50	DOB AMENDMENT 7	08/19/2016
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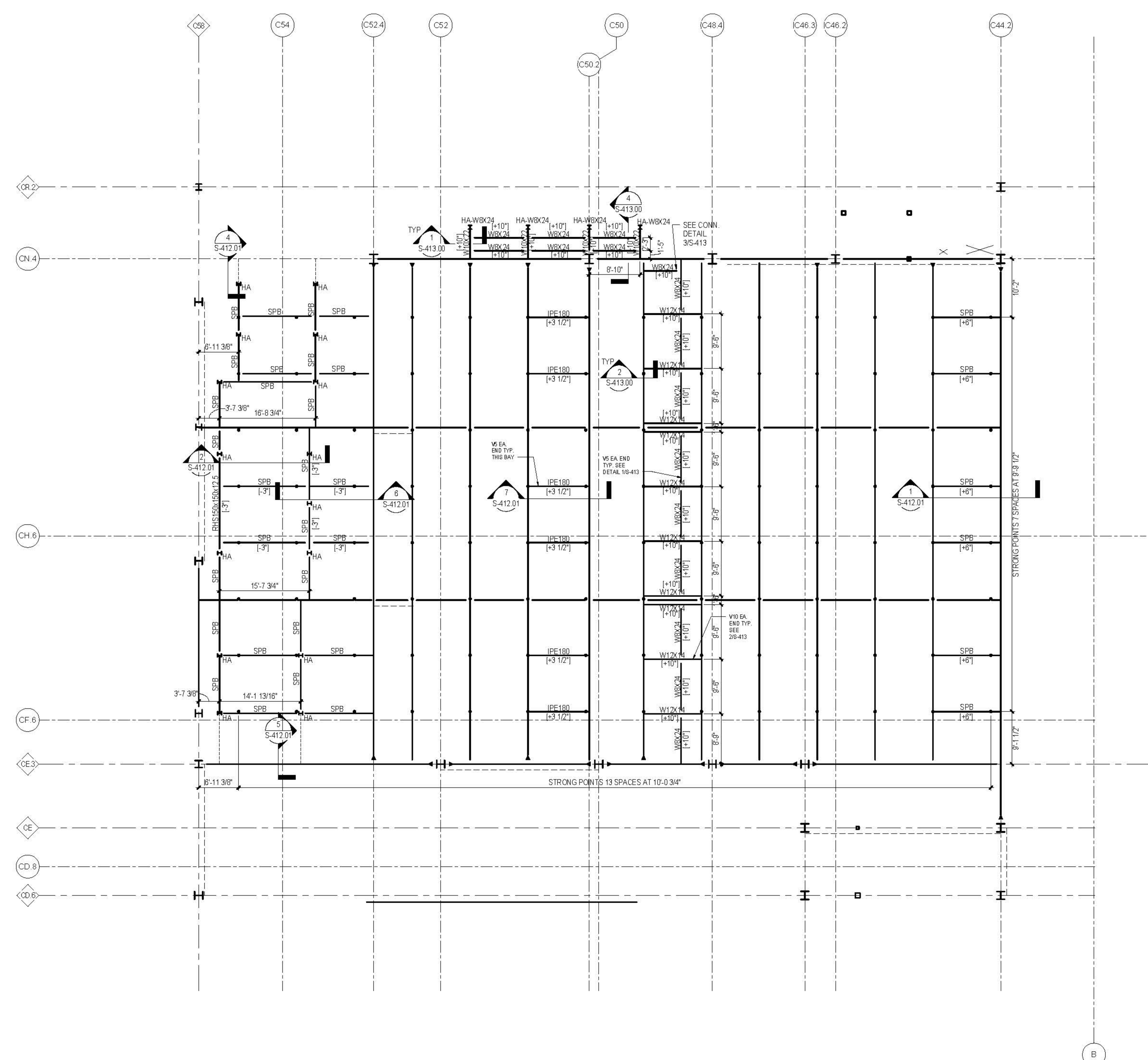
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PROJECT NUMBER: N1318.00

TITLE: STRONG POINT SUPPORT FRAMING PLAN, FIXED BUILDING LEVEL 06

DRAWING NO.: S-410.01B
B.SCAN NO.: S-414.00

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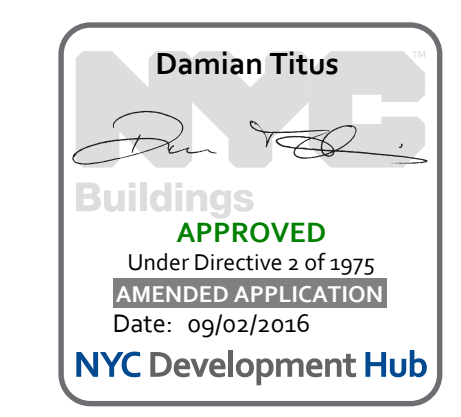


1 FIXED BUILDING LEVEL 06 STRONG POINTS SUPPORT FRAMING PLAN

1/8" = 1'-0"

SHEET NOTES

- AT LEVEL 06, T/STEEL EL. 87'-5 1/2" UON.
- REFER TO S-106 FOR ALL FRAMING SIZES NOT INDICATED.
- NOTATIONS:
HA INDICATES IPE 270 HANGER ABOVE. REFER TO DETAIL 20S-412 FOR DETAILS.
SPB INDICATES RH5150X100X8 STRONG POINT SUPPORT BEAM. CONNECT FOR MIN V5, T5, EA, END UNLESS OTHERWISE NOTED ON PLAN.
- SYMBOLS:
● INDICATES STRONG POINT SUPPORT LOCATION. REFER TO ARCH. DWGS. FOR ADDITIONAL INFORMATION. SUPPORT FRAMING IS DESIGNED FOR 1000 LB MAXIMUM LOAD ON STRONG POINTS.



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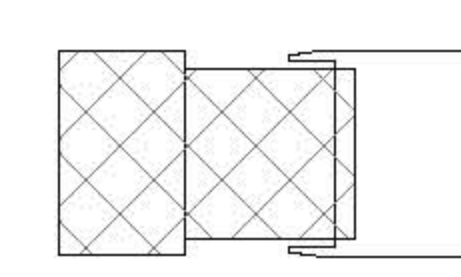
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KEY PLAN



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3	1	ADV. PROCEEDMENT ADDENDUM 1	10/01/2014

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CHECKED BY: [Signature]

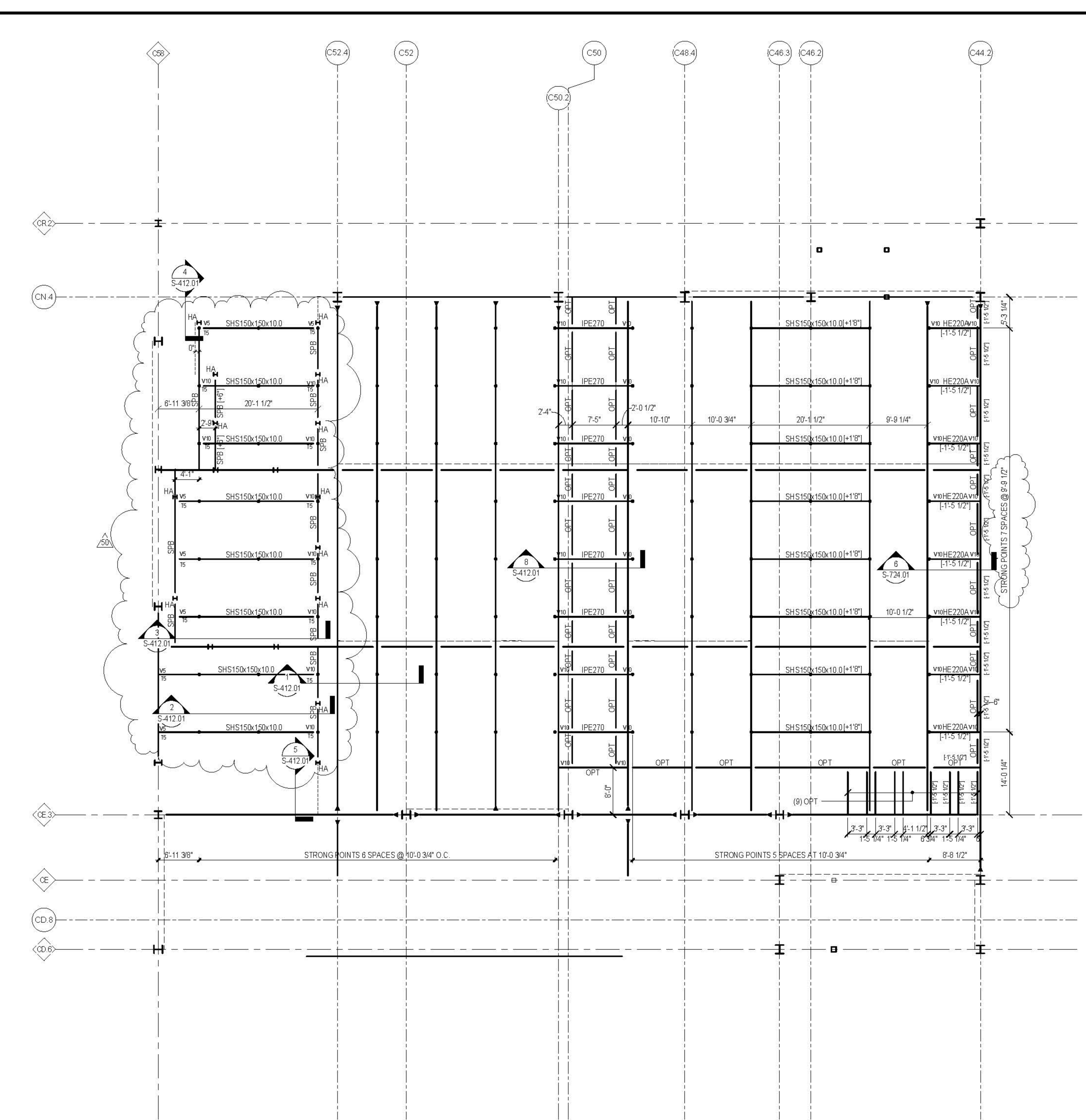
PROJECT NUMBER: N11318.00

TITLE: STRONG POINT SUPPORT FRAMING PLAN, FIXED BUILDING LEVEL 08

DRAWING NO.: S-411.01

B.SCAN NO.: S-411.01

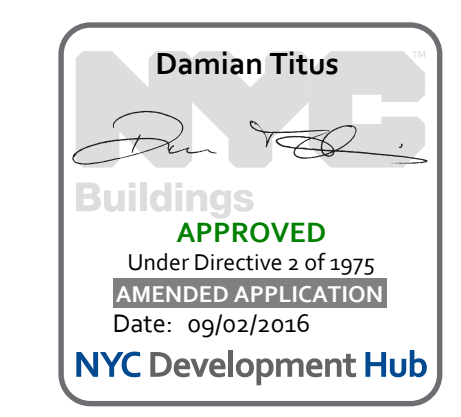
53 of 123



1 FIXED BUILDING LEVEL 08 STRONG POINT SUPPORT FRAMING PLAN
1/8" = 1'-0"

SHEET NOTES

- AT LEVEL 08 1/2 STEEL EL. AS FOLLOWS, UCN:
 - RHS 117'-8" U.O.N. +/-X"
 - WIDE FLANGE 118'-8" U.O.N. +/-X"
- REFER TO S-108 FOR ALL FRAMING SIZES NOT INDICATED.
- NOTATIONS:
 - HA INDICATES IPE270 HANGER ABOVE. REFER TO DETAIL S-412 FOR DETAILS.
 - SPB INDICATES RHS150x150x10.0 STRONG POINT SUPPORT BEAM. CONNECT FOR MIN. V5, T5, EA. END UNLESS OTHERWISE NOTED ON PLAN.
 - OPT INDICATES HE220A SUPPORT FOR OPERABLE PARTITION TRACK. CONNECT FOR V10 EACH END UNLESS OTHERWISE NOTED ON PLAN.
- SYMBOLS:
 - INDICATES STRONG POINT AND PIPE GRID SUPPORT LOCATION. REFER TO ARCH DWGS FOR ADDITIONAL INFORMATION. SUPPORT FRAMING IS DESIGNED FOR 1000 LB MAXIMUM LOAD DIRECTLY RIGGED TO STRONG POINT AND FOR PIPE GRID WITH 3LB/FT SELF WEIGHT AND 30LB/FT RIGGING ALLOWANCE. MAXIMUM SIMULTANEOUS LOADING ON STRONG POINTS AND PIPE GRID NOT TO EXCEED 25 PSF.



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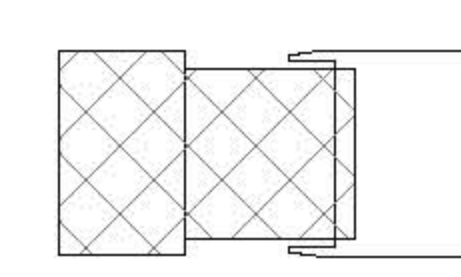
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10	4	03.18.2016
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6	2	12.10.2014
3	1	10.03.2014

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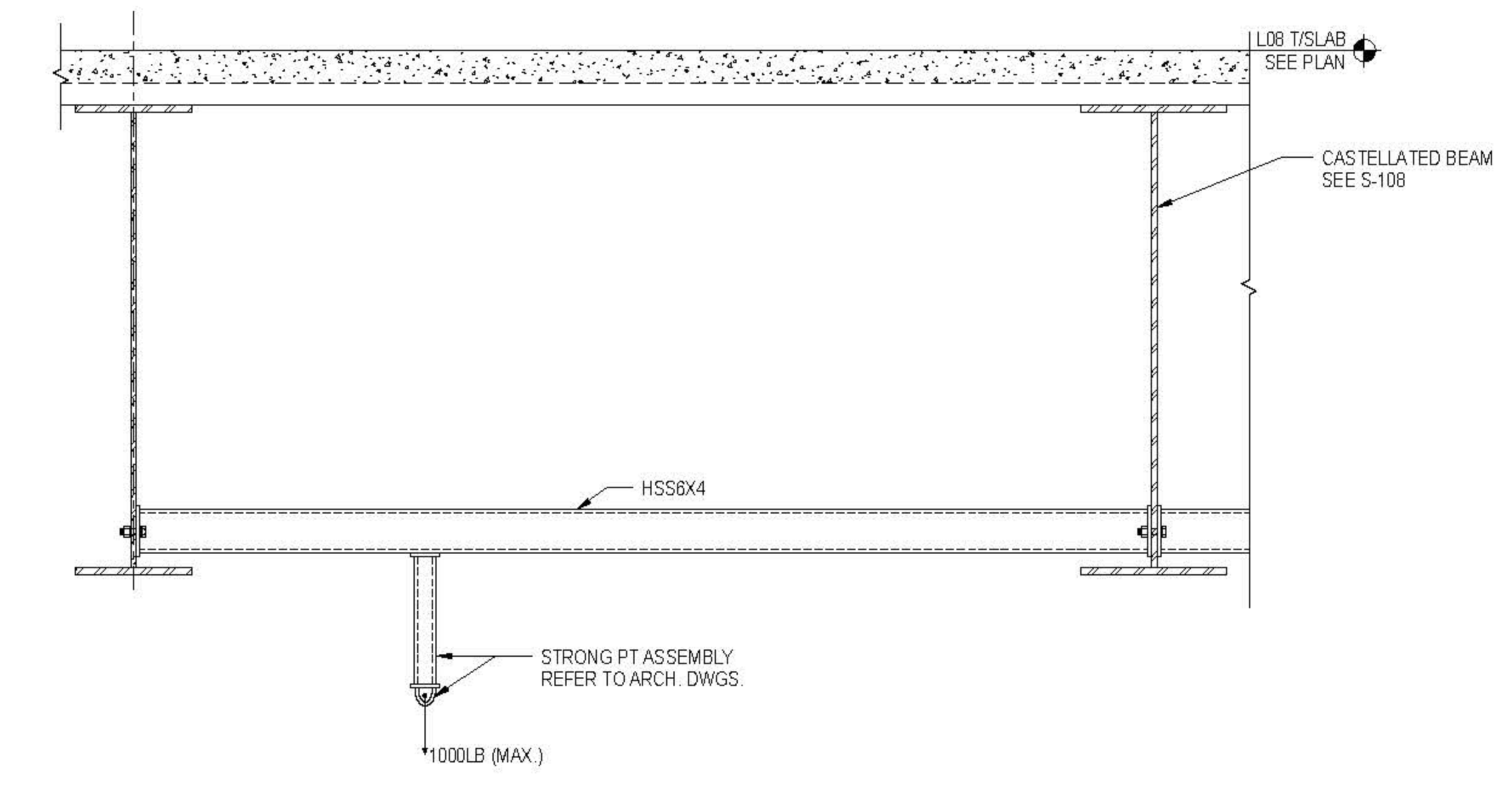
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Chris

PROJECT NUMBER
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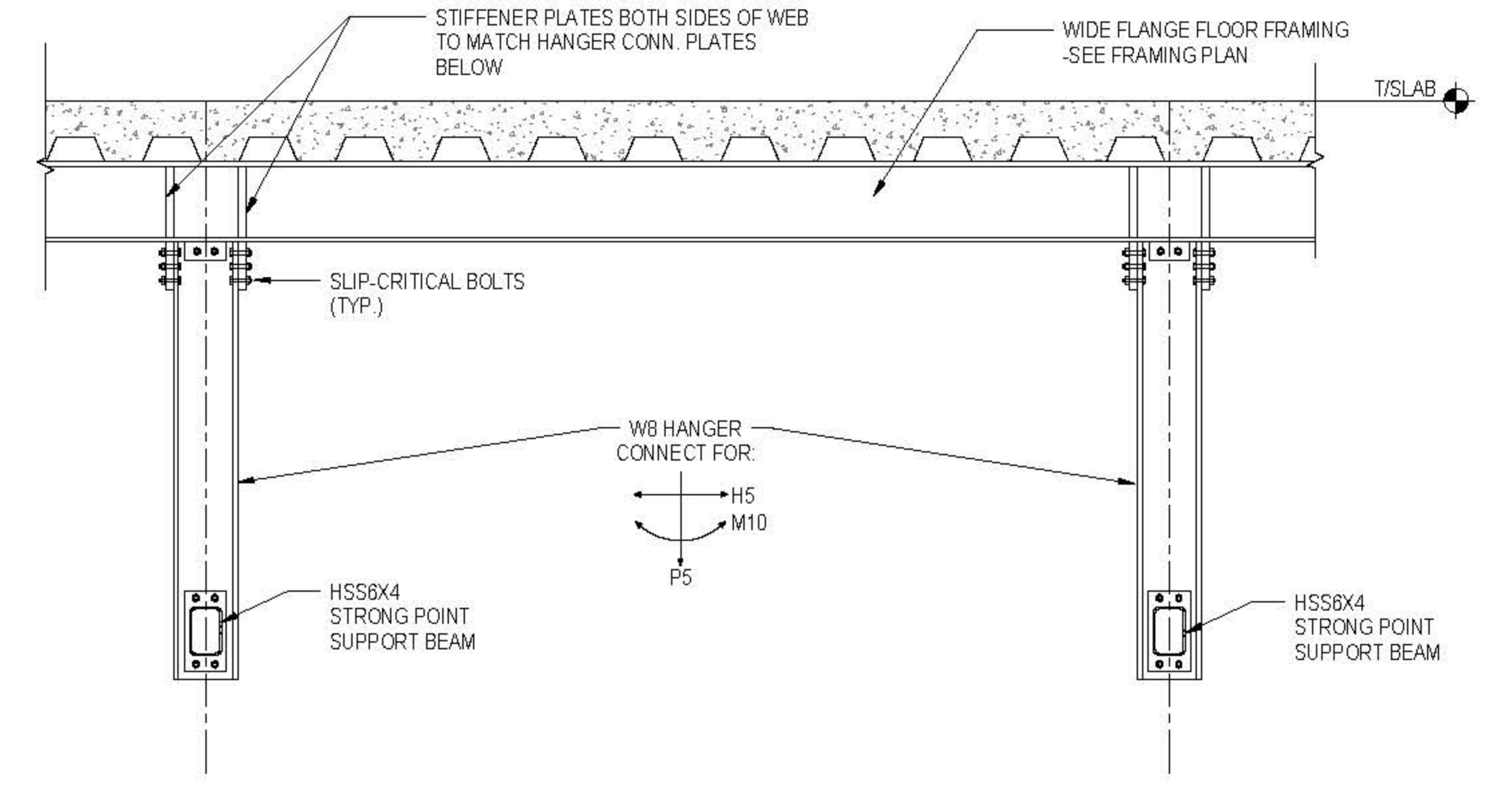
TITLE
TYPICAL STRONG POINT SUPPORT FRAMING DETAILS

DRAWING NO.
S-412.01

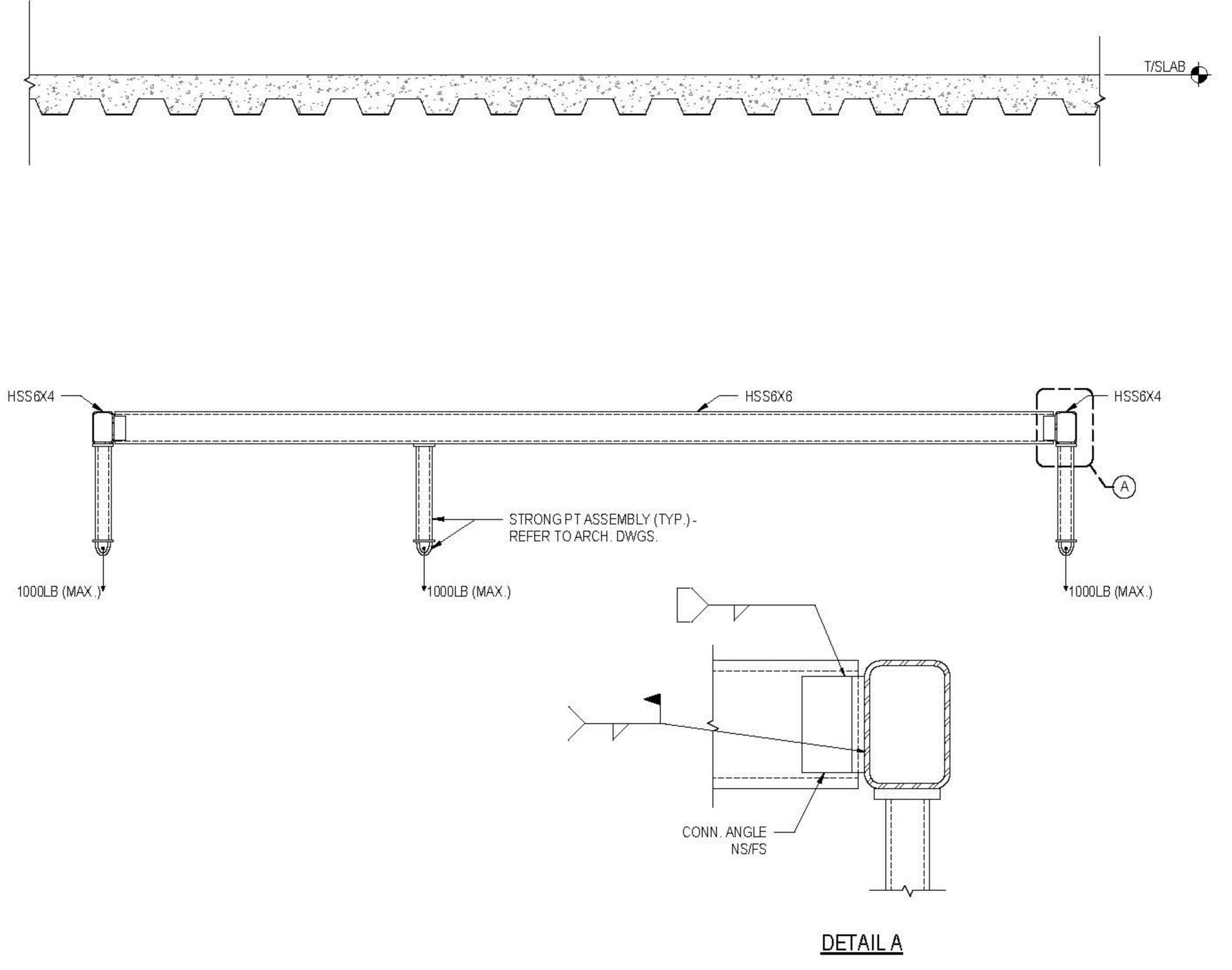
8. SCAN NO.
54 of 123



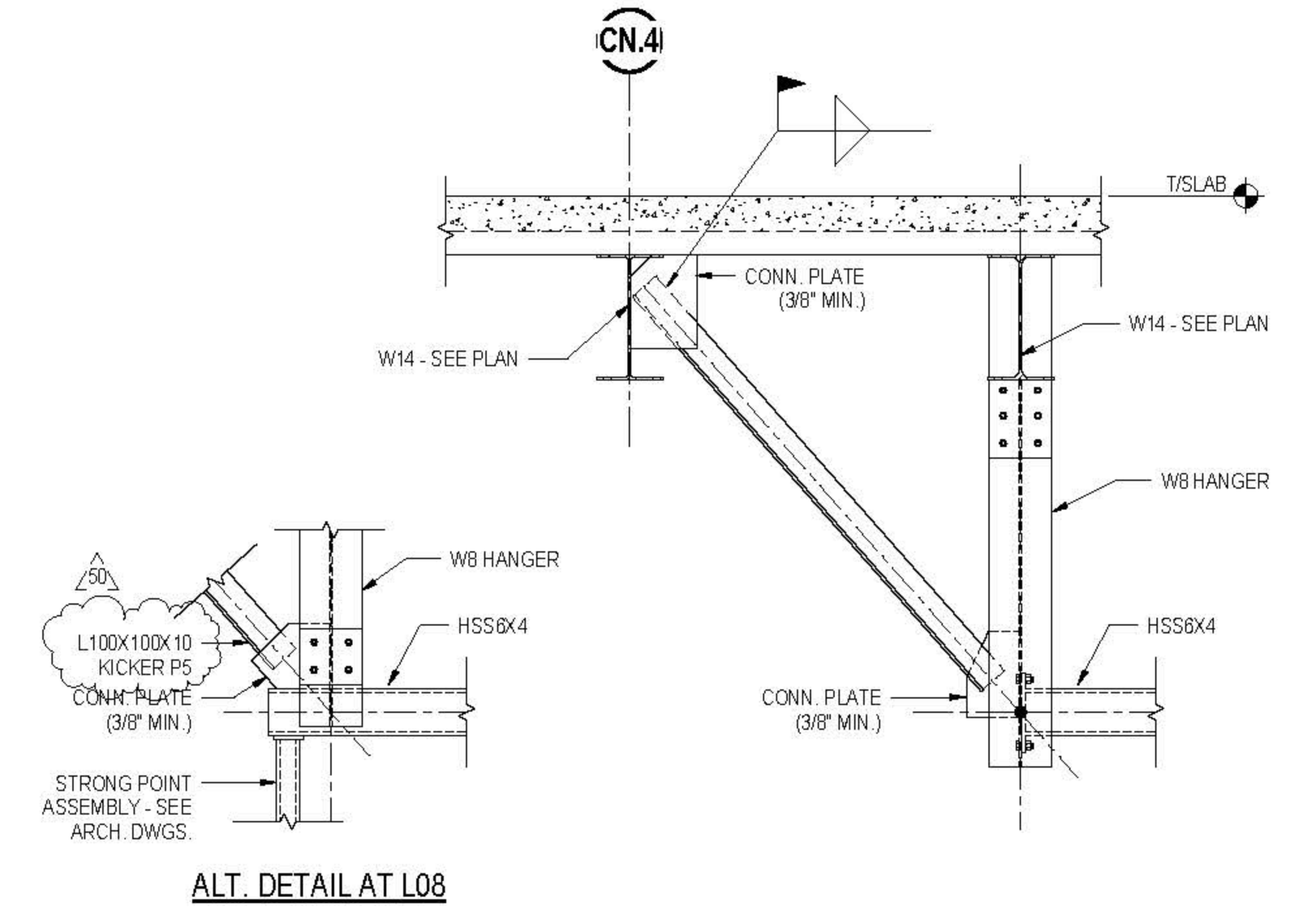
1 TYPICAL STRONG POINT SUPPORT BETWEEN CASTELLATED BEAMS
3/4" = 1'-0"



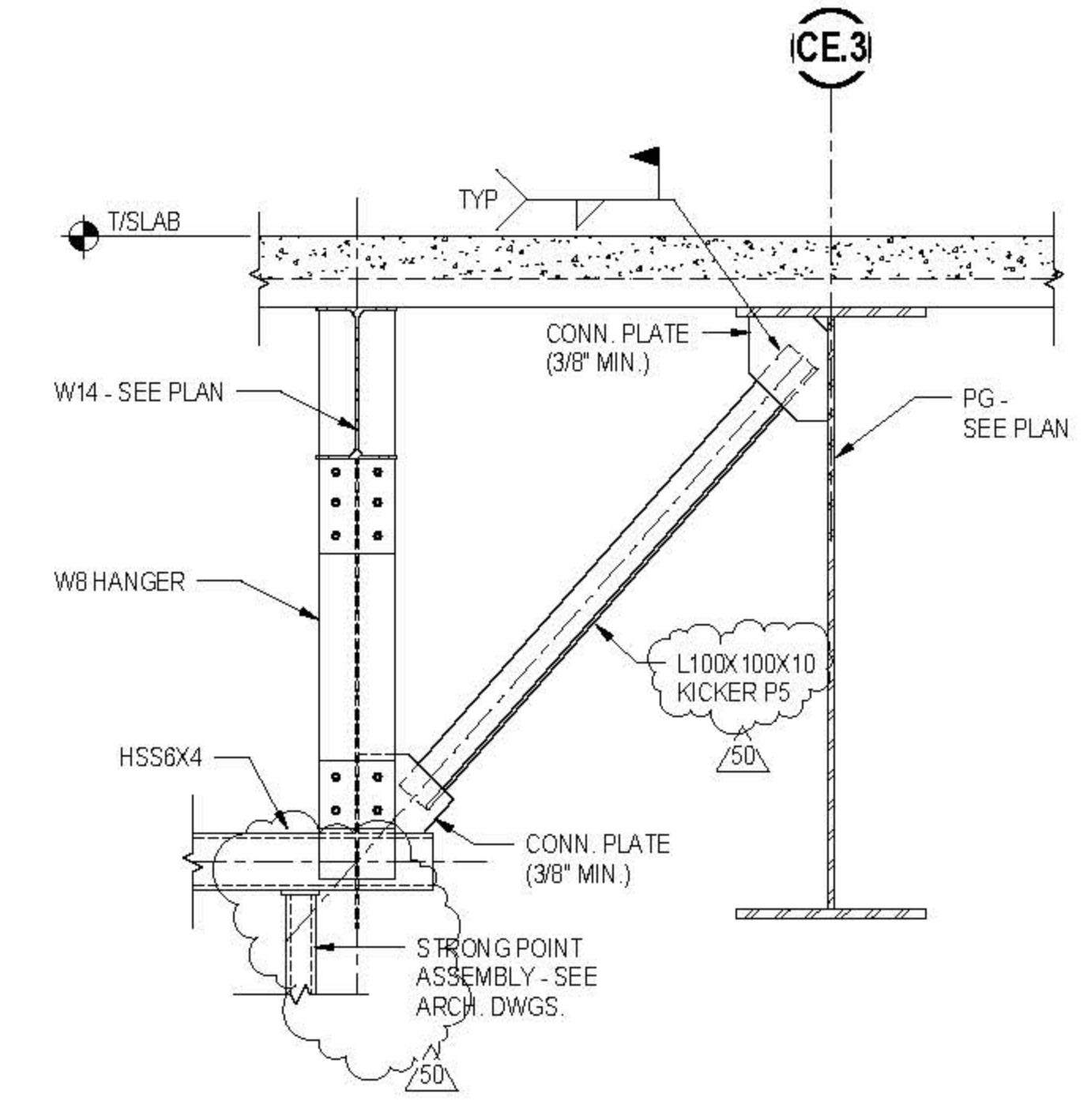
2 TYPICAL HANGER DETAIL FOR STRONG POINT SUPPORT BEAMS
3/4" = 1'-0"



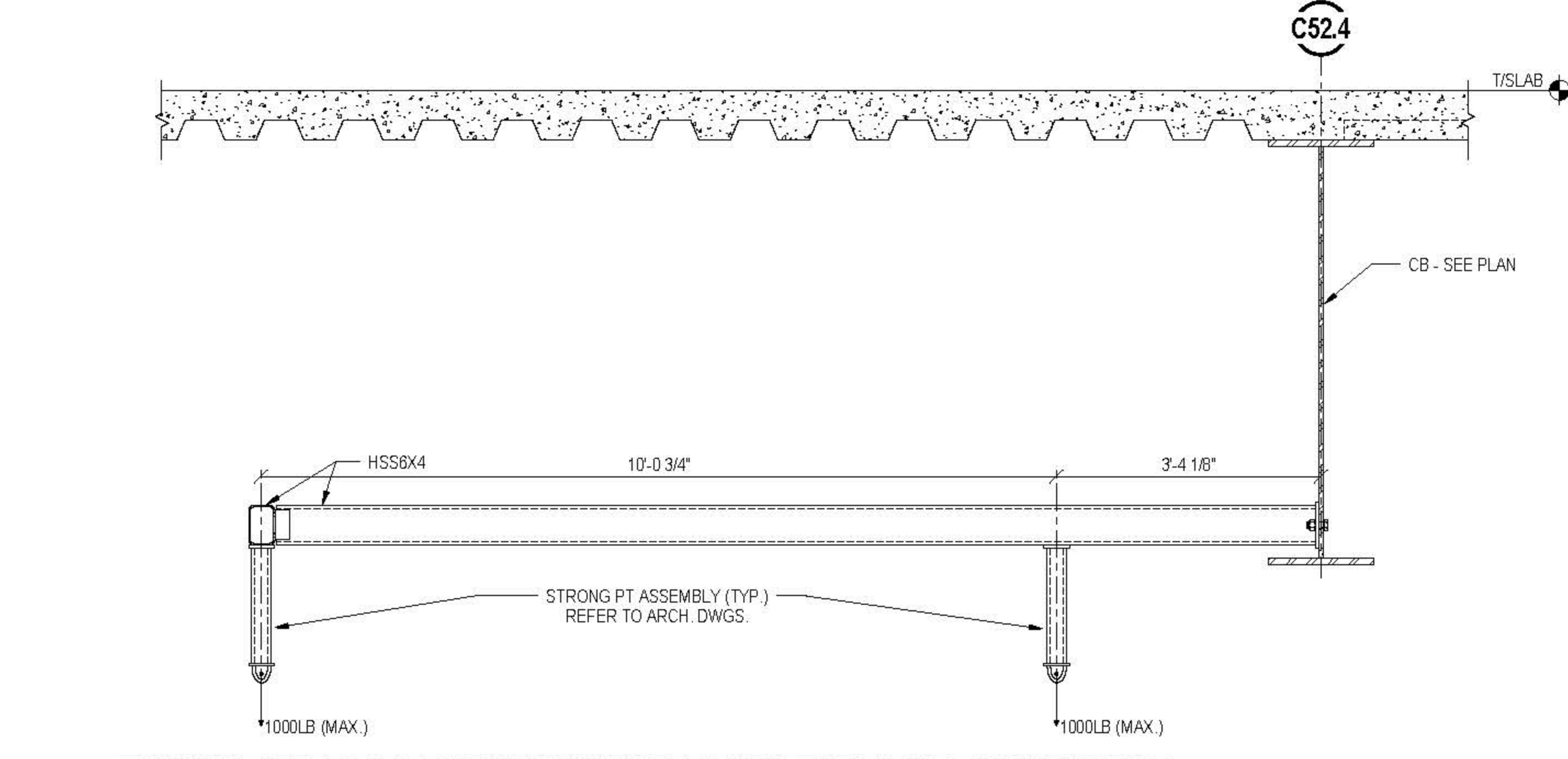
3 TYPICAL STRONG POINT BEAM SECTION AT LEVEL 08 WEST BAY
3/4" = 1'-0"



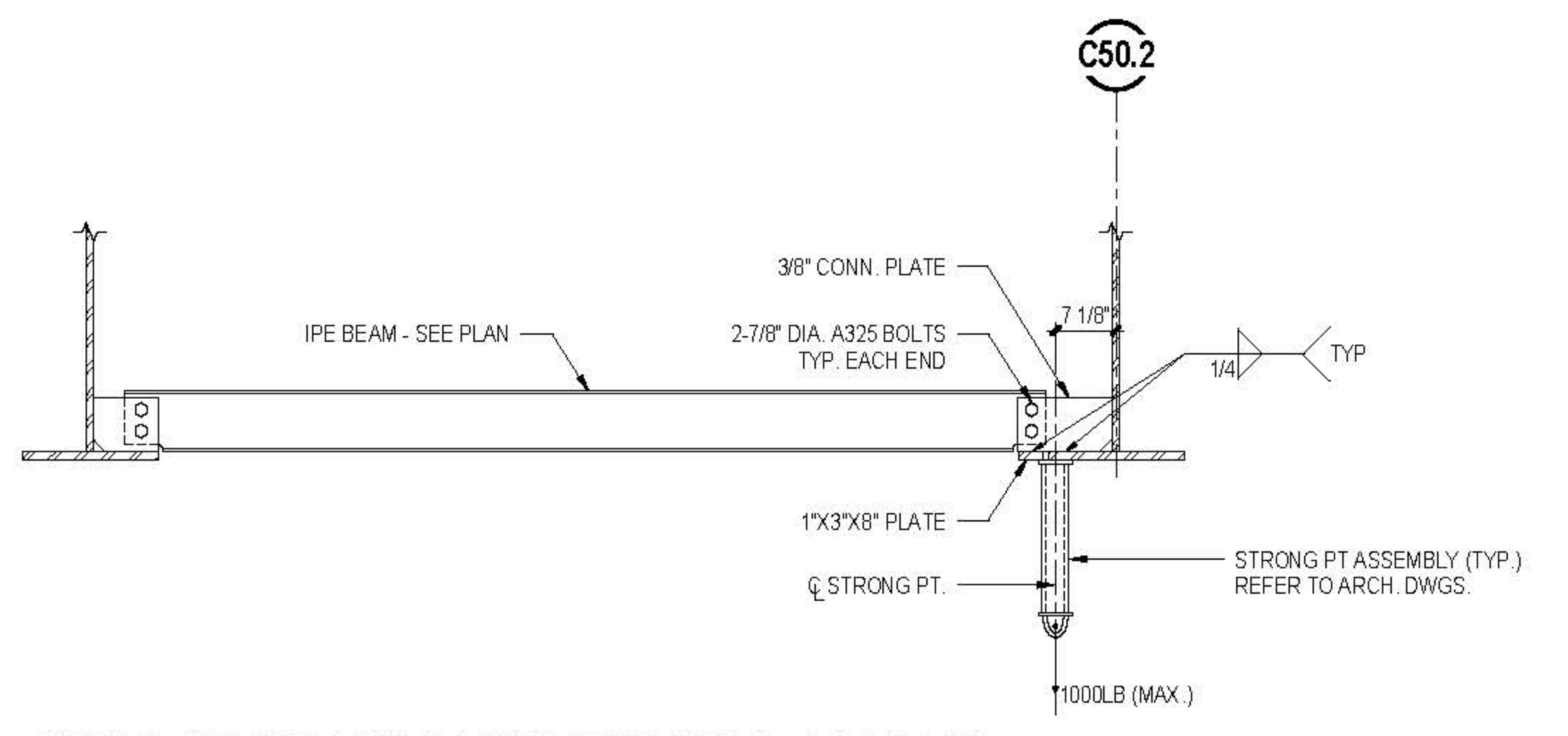
4 TYPICAL KICKER AT CN.4
3/4" = 1'-0"



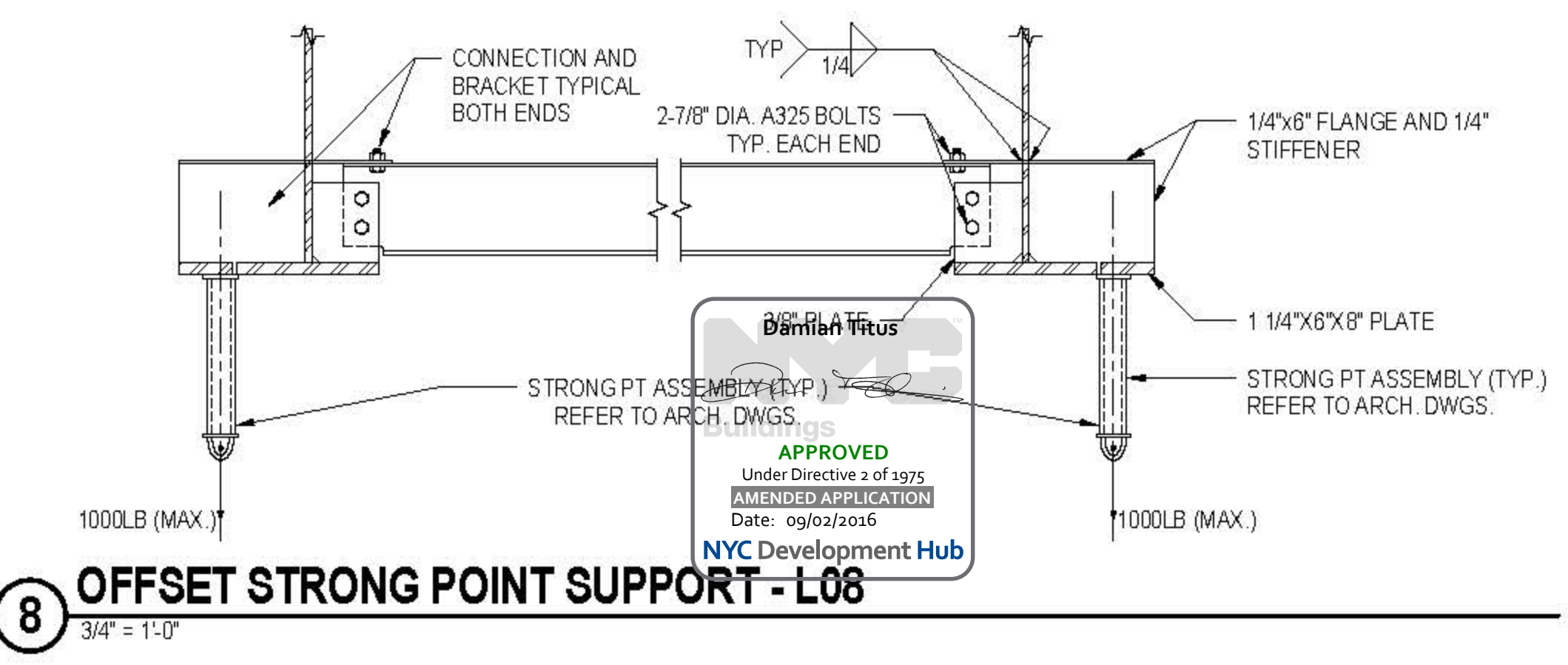
5 TYPICAL KICKER AT CE.3
3/4" = 1'-0"



6 TYPICAL STRONG POINT BEAM SECTION AT LEVELS 04 & 06 WEST BAY
3/4" = 1'-0"



7 DETAIL AT STRONG POINT NEAR C50.2 - L04 & L06
3/4" = 1'-0"



8 OFFSET STRONG POINT SUPPORT - L08
3/4" = 1'-0"

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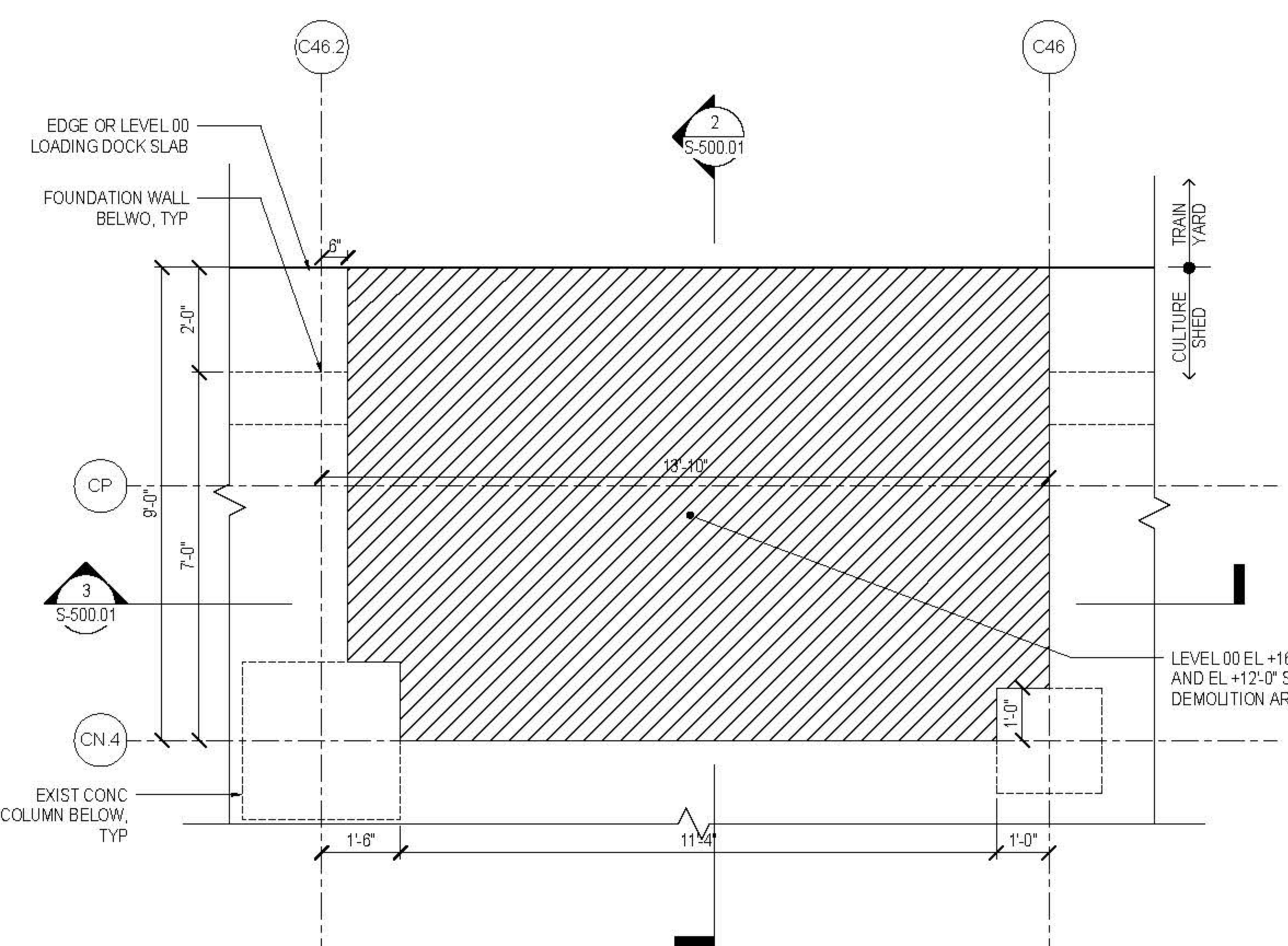
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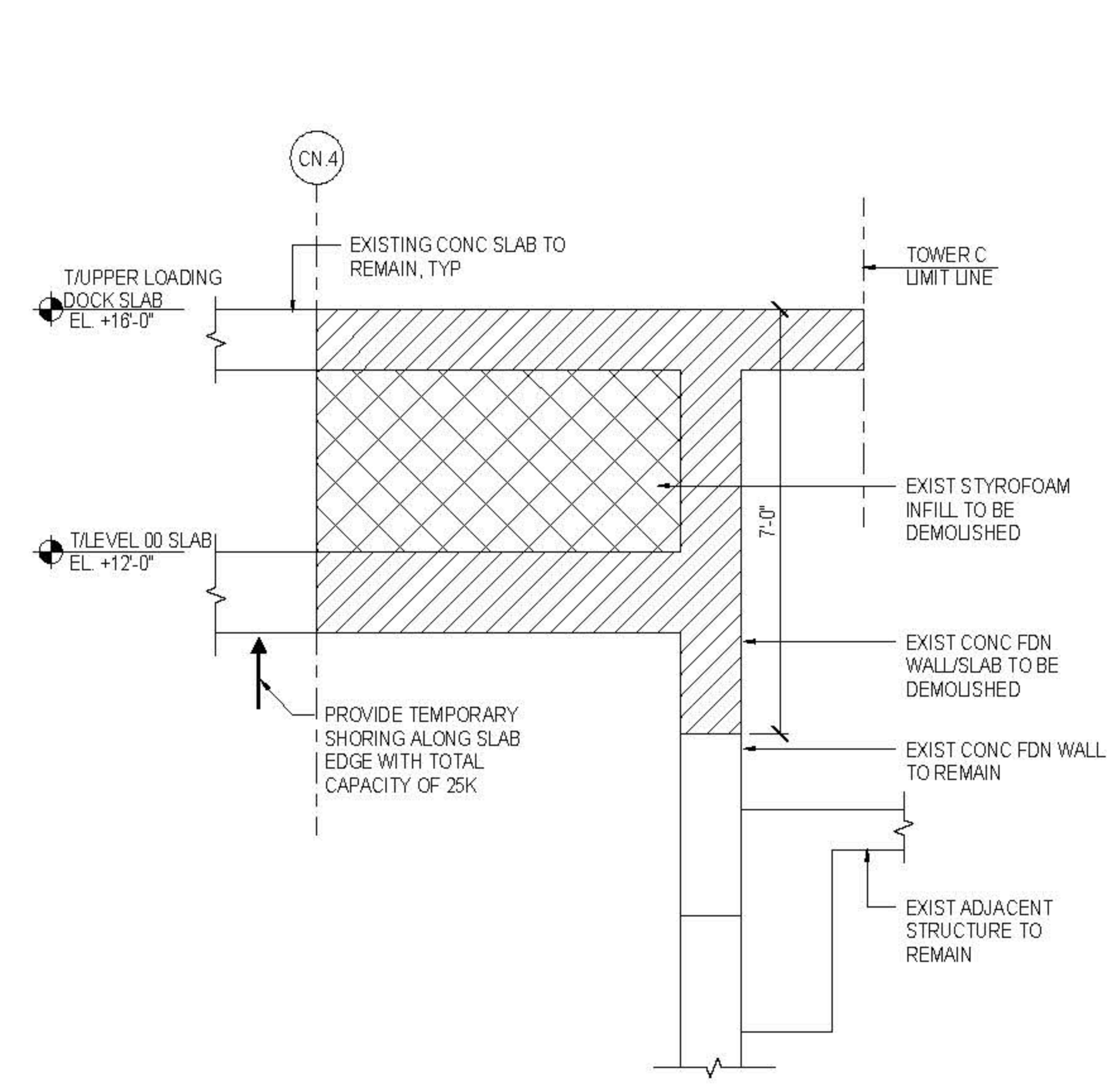
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SHEET NOTES:

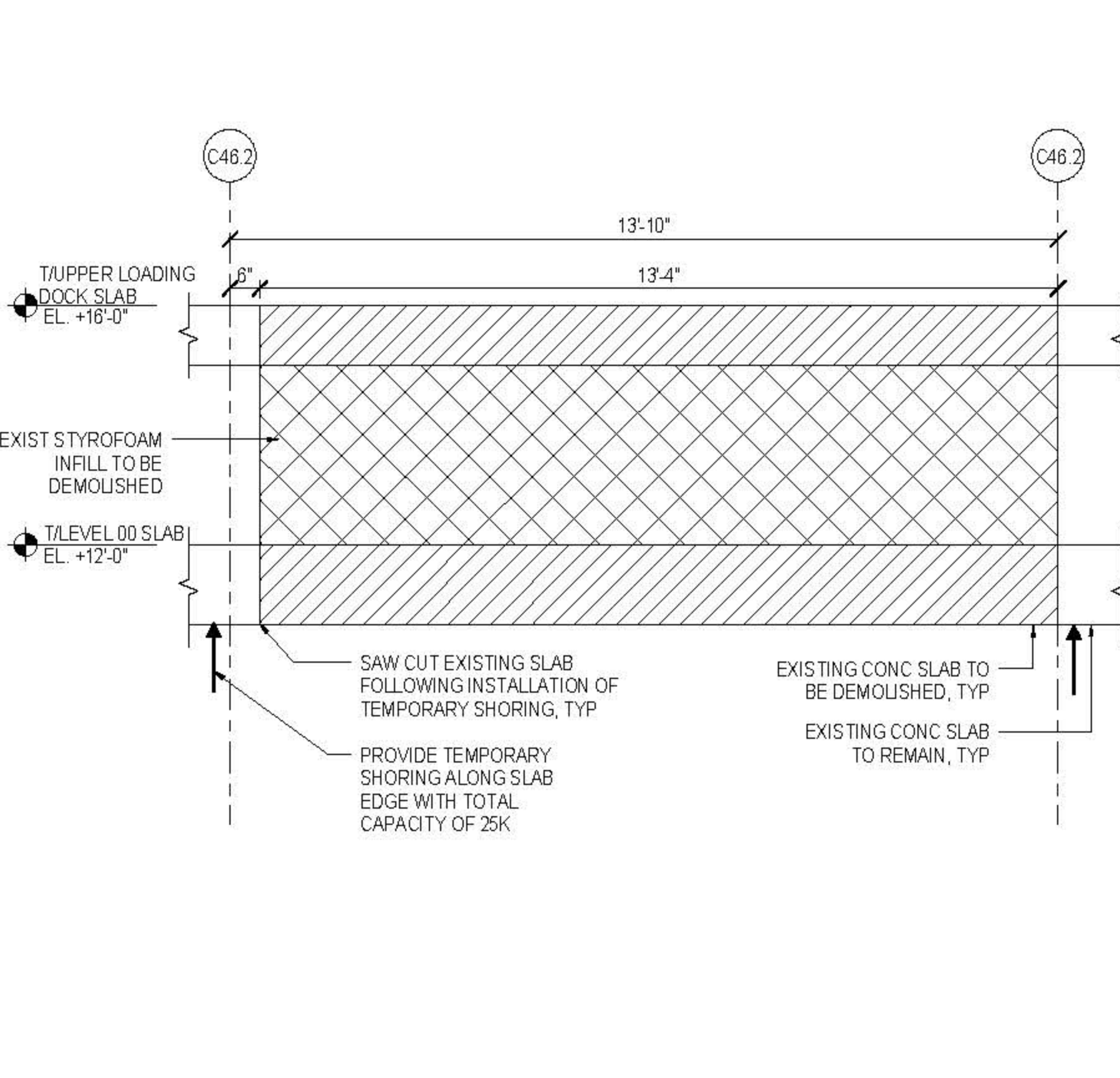
1. T/STRUCTURAL SLAB EL UON
2. T/STEEL AT UNDERSIDE OF SLAB UON AS (XX) REFERENCED FROM TOP OF SLAB ELEVATION
3. ← INDICATES DECK SPAN DIRECTION, REFER TO COMPOSITE STEEL DECK SCHEDULE INFORMATION
4. FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:
DRAWING LISTS, GENERAL NOTES, AND S-5000 SERIES DRAWINGS
LOADING DIAGRAMS
LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES, AND DETAILS S-3000 SERIES DRAWINGS
STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS S-7000 SERIES DRAWINGS
STEEL COLUMN SCHEDULES AND DETAILS S-8000 SERIES DRAWINGS
5. AT STAIRS, SEE TYPICAL DETAILS FOR TC, TCS, AND KICKER REQUIREMENTS 1, 2, & 3S-704
6. REFER TO ARCH DWGS FOR LOCATION AND SIZE OF OPENINGS. SEE ALSO GENERAL NOTE GR-18 AND TYPICAL DETAIL 1/5-113
7. SYMBOLS:
— INDICATES MOMENT CONNECTION
— INDICATES DEEP BEAM BOTTOM FLANGE BRACING CONNECTION SEE DETAIL 6/5-703
— INDICATES FULL HEIGHT FITTED STIFFENER CONNECTION SEE DETAIL 4/5-703
— INDICATES FULL HEIGHT UNFITTED STIFFENER CONNECTION SEE DETAIL 5/5-703
— INDICATES KICKER AT SPANDREL BEAM CONNECTION SEE DETAIL 3/5-703
UP INDICATES SLOPE IN TOP OF SLAB
8. NOTATIONS:
BF INDICATES LATERAL BRACED FRAME
SEE BRACED FRAME ELEVATIONS FOR BEAM INFORMATION AND CONNECTION FORCES
C/C/B INDICATES COLUMN ABOVE/BELOW, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/5-702 & 3/5-702
CBX INDICATES CASTELLATED BEAM. SEE SCHEDULE 1/5-402
DB INDICATES HSS8X4X3/8 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
H/H/B INDICATES HANGER ABOVE/BELOW, TENSION AXIAL FORCE IN HANGER BELOW INDICATED WHERE APPLICABLE. SEE DETAIL 3/5-702
MF INDICATES LATERAL MOMENT FRAME
SEE MOMENT FRAME ELEVATIONS FOR BEAM INFORMATION AND CONNECTION FORCES
PGX INDICATES PLATE GIRDER TYPE. SEE S-703 FOR PLATE GIRDER SCHEDULE.
PGXT INDICATES TAPERED PLATE GIRDER. SEE DETAIL 3/5-724
TC INDICATES TORSIONAL CONNECTION FOR STAIR. SEE DETAIL 1/5-704
TR INDICATES COLUMN FROM ABOVE TRANSFERS, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/5-702



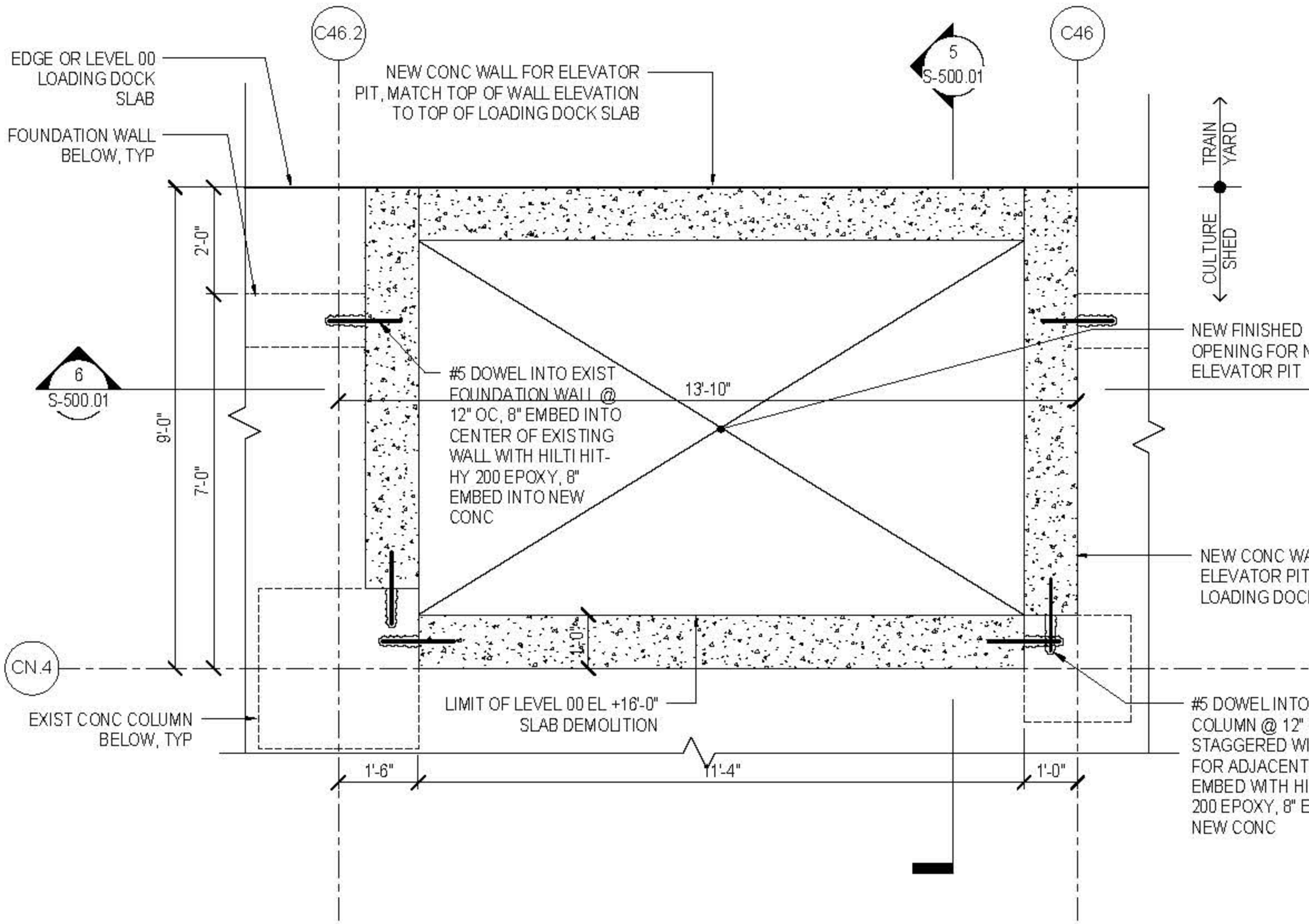
1 LEVEL 00 DEMOLITION PARTIAL PLAN AT NORTH ELEVATOR PIT
1/2" = 1'-0"



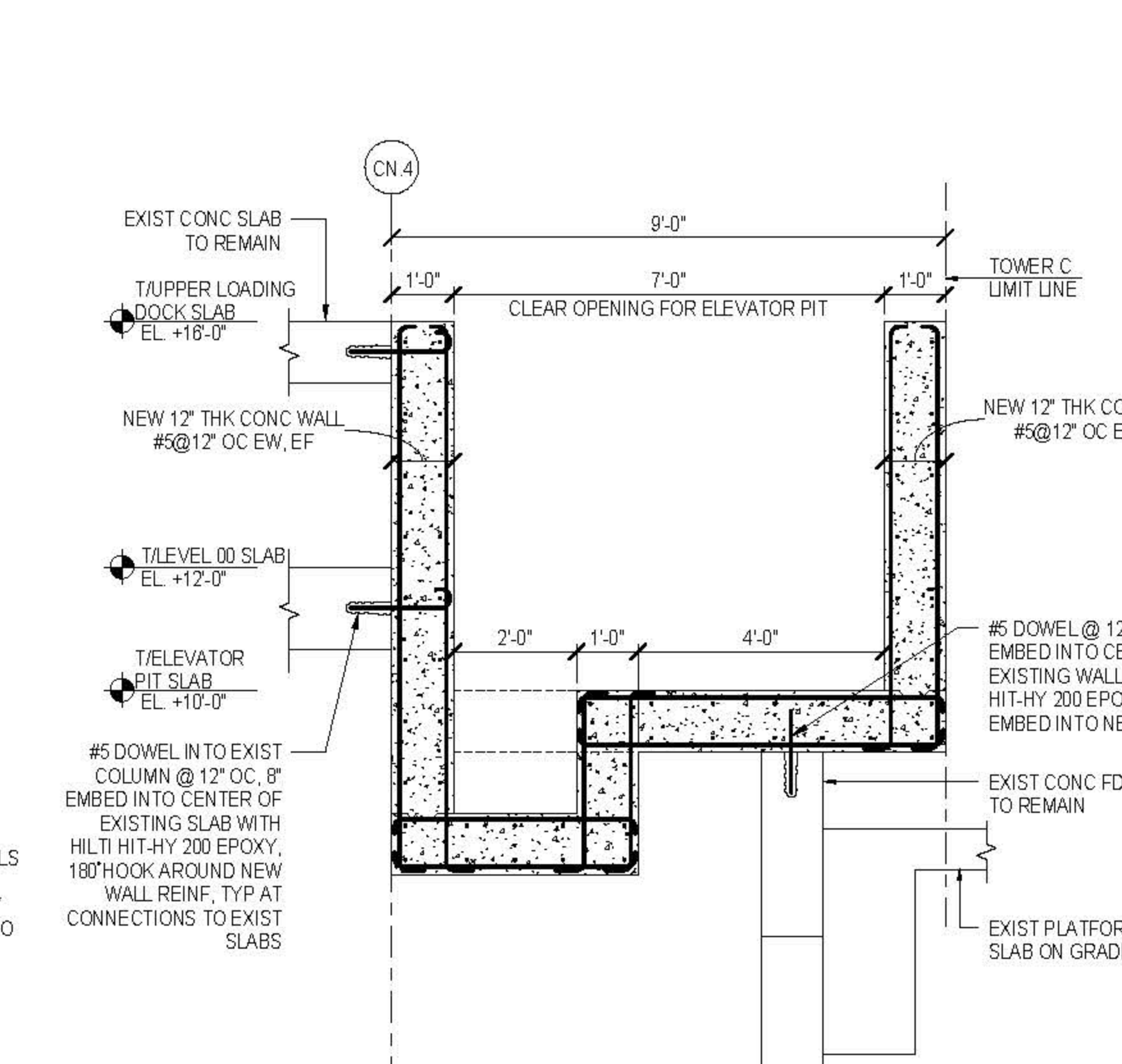
2 DEMOLITION SECTION AT NORTH ELEVATOR PIT
1/2" = 1'-0"



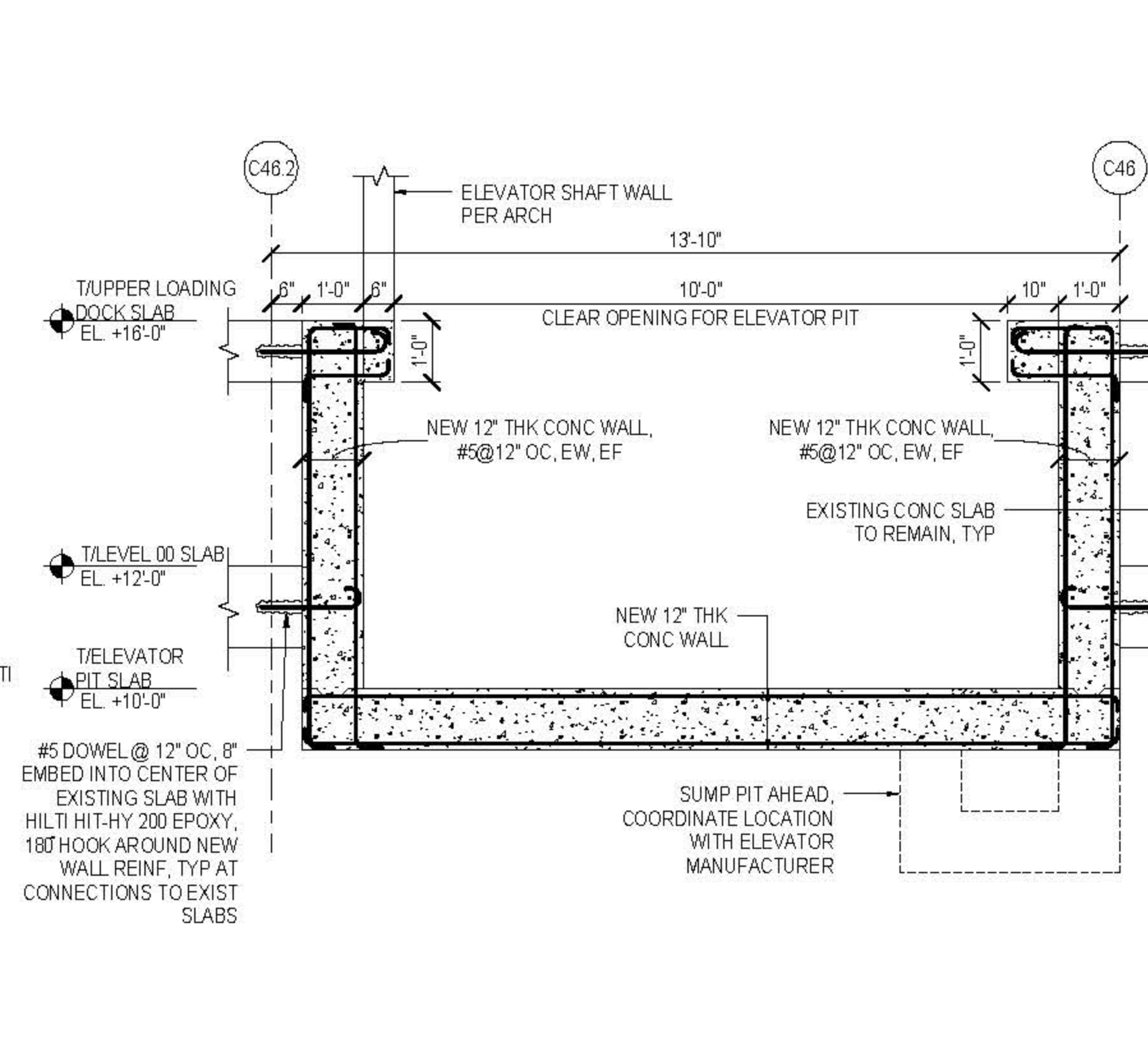
3 DEMOLITION SECTION AT NORTH ELEVATOR PIT
1/2" = 1'-0"



4 LEVEL 00 NEW CONSTRUCTION PARTIAL PLAN AT NORTH ELEVATOR PIT
1/2" = 1'-0"



5 NEW CONSTRUCTION SECTION AT NORTH ELEVATOR PIT
1/2" = 1'-0"



6 NEW CONSTRUCTION SECTION AT NORTH ELEVATOR PIT
1/2" = 1'-0"

STEEL BEAM LEGEND

SIZE	NUMBER OF HEADED STUDS EQUALLY SPACED BETWEEN BEAMS
W12x14	4
W12x16	4
W12x18	4
W12x20	4
W12x22	4
W12x24	4
W12x26	4
W12x28	4
W12x30	4
W12x33	4
W12x36	4
W12x40	4
W12x44	4
W12x48	4
W12x54	4
W12x60	4
W12x66	4
W12x72	4
W12x81	4
W12x90	4
W12x100	4
W12x114	4
W12x126	4
W12x132	4
W12x144	4
W12x150	4
W12x156	4
W12x162	4
W12x174	4
W12x180	4
W12x186	4
W12x192	4
W12x210	4
W12x222	4
W12x234	4
W12x240	4
W12x246	4
W12x252	4
W12x270	4
W12x282	4
W12x294	4
W12x300	4
W12x306	4
W12x312	4
W12x324	4
W12x330	4
W12x336	4
W12x342	4
W12x348	4
W12x354	4
W12x360	4
W12x372	4
W12x384	4
W12x390	4
W12x396	4
W12x402	4
W12x408	4
W12x414	4
W12x420	4
W12x426	4
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W12x438	4
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W12x456	4
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W12x816	4
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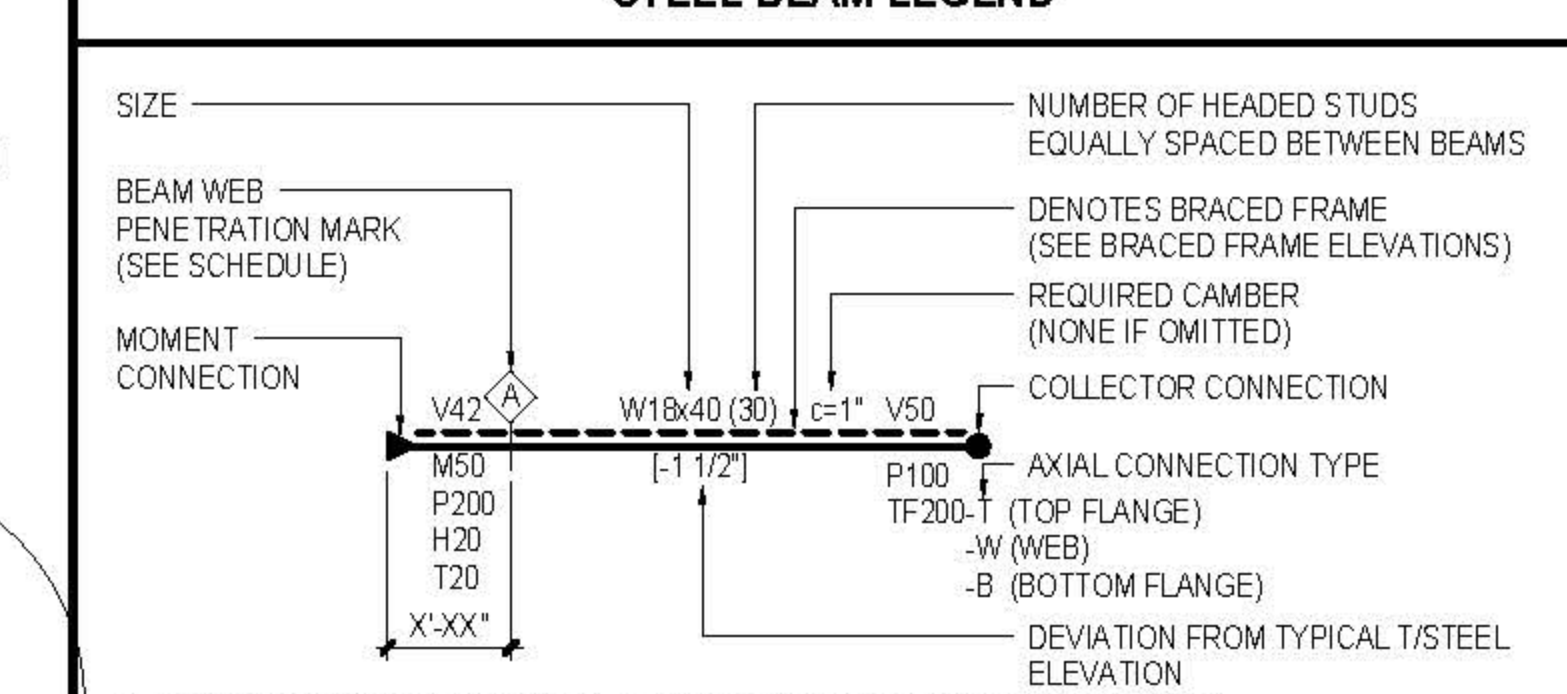
SHEET NOTES:

1. T=STRUCTURAL SLAB EL UON
2. X INDICATES CHANGE IN T=STRUCTURAL SLAB ELEVATION
3. T=STEEL AT UNDERSIDE OF SLAB UON AS (XX) REFERENCED FROM TOP OF SLAB ELEVATION
4. INDICATES DECK SPAN DIRECTION, REFER TO COMPOSITE STEEL DECK SCHEDULE INFORMATION
5. FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:
DRAWING LISTS, GENERAL NOTES, AND S-000 SERIES DRAWINGS
LOADING DIAGRAMS
LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES, AND DETAILS S-300 SERIES DRAWINGS
STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS S-700 SERIES DRAWINGS
STEEL COLUMN SCHEDULES AND DETAILS S-800 SERIES DRAWINGS
6. AT STAIRS, SEE TYPICAL DETAILS FOR TC, TCS, AND KICKER REQUIREMENTS 1, 2 & 3S-704
7. REFER TO ARCH DWGS FOR LOCATION AND SIZE OF OPENINGS. SEE ALSO GENERAL NOTE GR-18 AND TYPICAL DETAIL 1/5-719
8. SYMBOLS:
INDICATES MOMENT CONNECTION
INDICATES DEEP BEAM BOTTOM FLANGE BRACING CONNECTION SEE DETAIL 8/5-703
INDICATES FULL HEIGHT FITTED STIFFENER CONNECTION SEE DETAIL 4/5-703
INDICATES FULL HEIGHT UNFITTED STIFFENER CONNECTION SEE DETAIL 5/5-703
INDICATES KICKER AT SPANDREL BEAM CONNECTION SEE DETAIL 3/5-703
INDICATES SLOPE IN TOP OF SLAB
9. NOTATIONS:
BF INDICATES LATERAL BRACED FRAME
C/CBX INDICATES COLUMN ABOVE/BELOW, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/5-702 & 3/5-702
CBXK INDICATES CASTELLATED BEAM. SEE SCHEDULE 1/5-402
DB INDICATES HSS8X4X3/8 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
H/HB INDICATES HANGER ABOVE/BELOW, TENSION AXIAL FORCE IN HANGER BELOW INDICATED WHERE APPLICABLE. SEE DETAIL 9/5-702
MF INDICATES LATERAL MOMENT FRAME
PGX INDICATES PLATE GIRDER TYPE. SEE S-703 FOR PLATE GIRDER SCHEDULE.
PGXT INDICATES TAPERED PLATE GIRDER. SEE DETAIL 3/5-724
TC INDICATES TORSIONAL CONNECTION FOR STAIR. SEE DETAIL 1/5-704
TR INDICATES COLUMN FROM ABOVE TRANSFERS, COMPRESSION AXIAL FORCE IN COLUMN INDICATED WHERE APPLICABLE. SEE DETAIL 1/5-702
P1 INDICATES SHS150X150X10 POST FROM TOP OF CELLAR SLAB TO UNDERSIDE OF LEVEL 00 SLAB
H1 INDICATES L3KX1/4" HANGER FROM LEVEL 00 WIDE FLANGE FRAMING TO ESCALATOR PIT ME FRAMING, SEE TYPICAL DETAIL ON S-501

NOTATIONS:

1. INSTALL TEMPORARY SHORING POSTS AND BEAMS
2. SAW CUT SLAB OPENING IN L00
3. DEMONSTRATE AT L00 ACC-B
4. CONSTRUCT CONCRETE WALLS AND CORRELATING TO EXIST SLAB EDGE AROUND PIT OPENING
5. REMOVE TEMP SHORING
6. RETAIN REMAINDER OF STEEL AND SLAB INFILL

STEEL BEAM LEGEND



V INDICATES FACTORED VERTICAL SHEAR IN KIPS (SEE SCHEDULE IF OMITTED)
M INDICATES FACTORED END MOMENT IN KIP-FEET (SEE SCHEDULE IF OMITTED)
P INDICATES FACTORED END AXIAL FORCE IN KIPS
H INDICATES FACTORED HORIZONTAL SHEAR FORCE IN KIPS
T INDICATES TORSIONAL MOMENT IN KIP-FEET
TF INDICATES AXIAL FORCE TRANSFERRED THROUGH THE CONNECTION JOINT IN KIPS

COMPOSITE STEEL DECK SCHEDULE

SLAB MARK	TOTAL SLAB THICKNESS AND CONCRETE TYPE	STEEL DECK (MIN)	CONCRETE TOPPING SLAB	SLAB REINFORCEMENT	NOTES
S1	5 1/2" NWC	3"-18 GA		6 x 6 - W4.0 x W4.0 WWR	
S2	7 1/2" NWC	3"-18 GA		4 x 4 - W4.0 x W4.0 WWR	
S3	9" NWC	3"-18 GA		#4 @ 10" O.C. EACH WAY	
S4	4" NWC	1 1/2"-18 GA		6 x 6 - W2.9 x W2.9 WWR	
S5	8 1/2" NWC	3"-18 GA		#4 @ 12" O.C. N-S #4 @ 18" O.C. E-W	N.S BARS COORDINATED TO MECHANICAL COUPLERS IN EXISTING SLAB

KEY PLAN

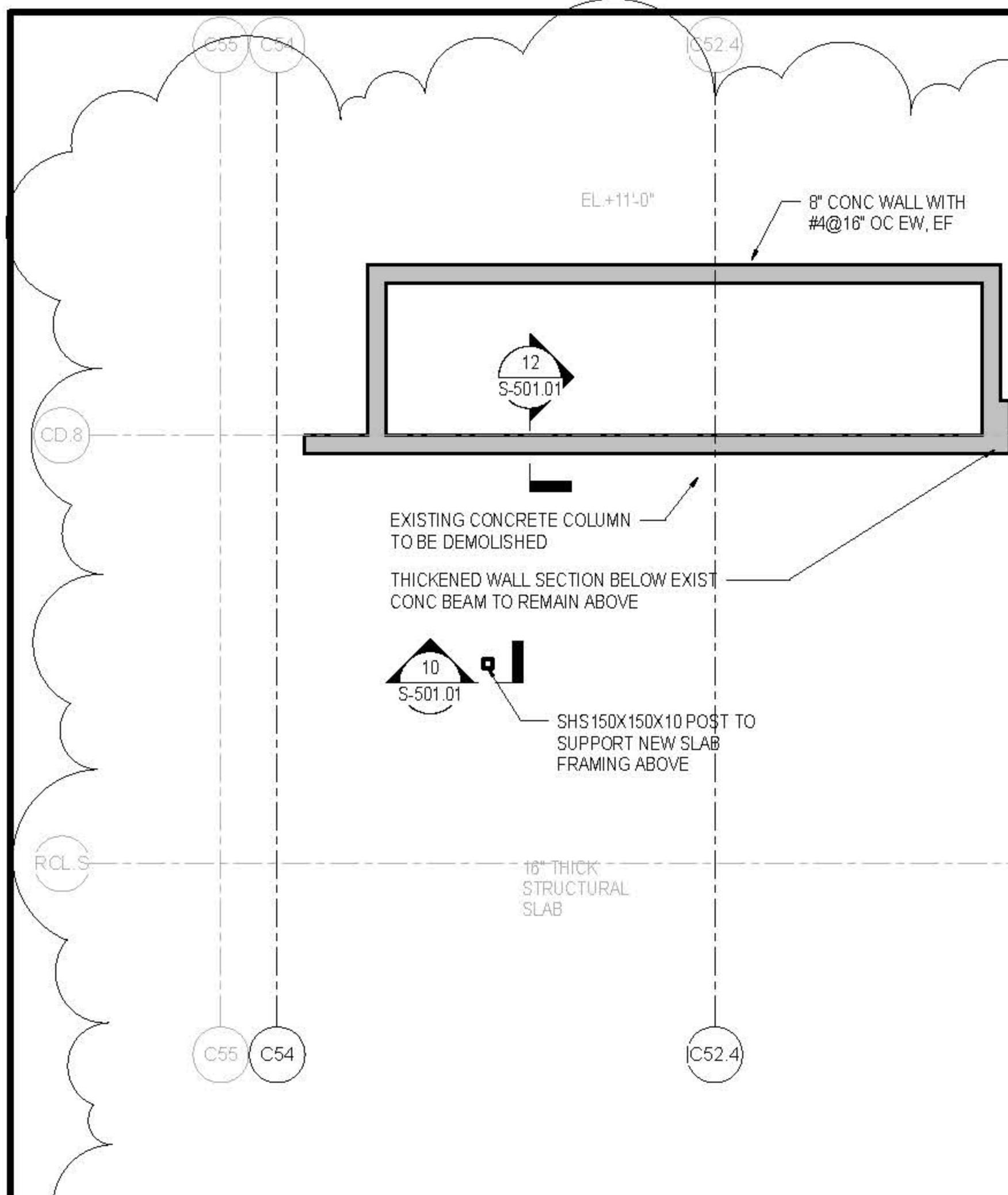


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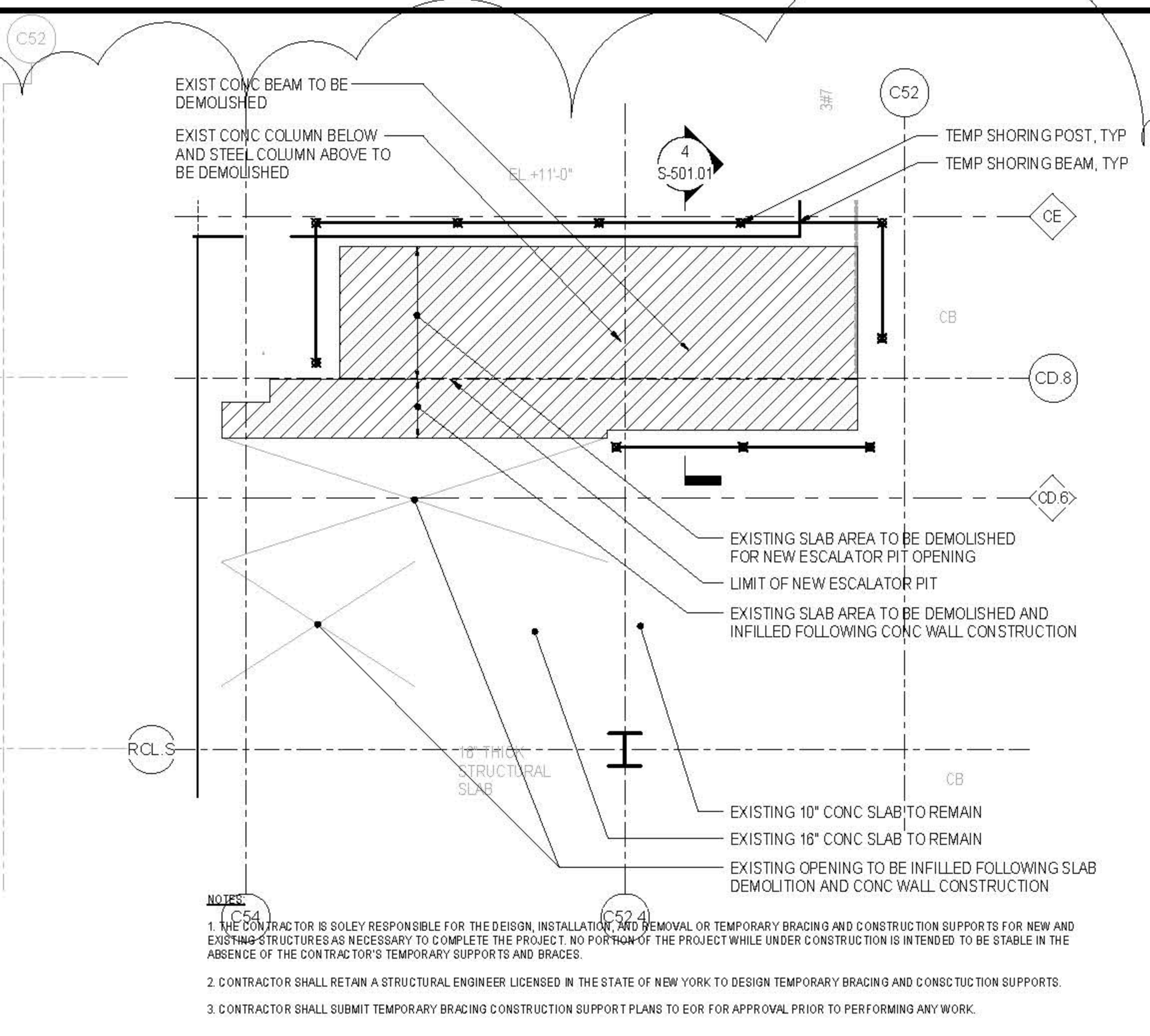
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02	ADJ. ACQUISITION	03/19/2016
03	ADV. PROCUREMENT ADDENDUM 4	04/10/2016
04	100% CONSTRUCTION DOCUMENTS	03/18/2016
05	90% CONSTRUCTION DOCUMENTS	02/16/2016
06	ADV. PROCUREMENT ADDENDUM 1	10/09/2014
07	ADVANCED PROCUREMENT BID SET	06/16/2014

STAMP

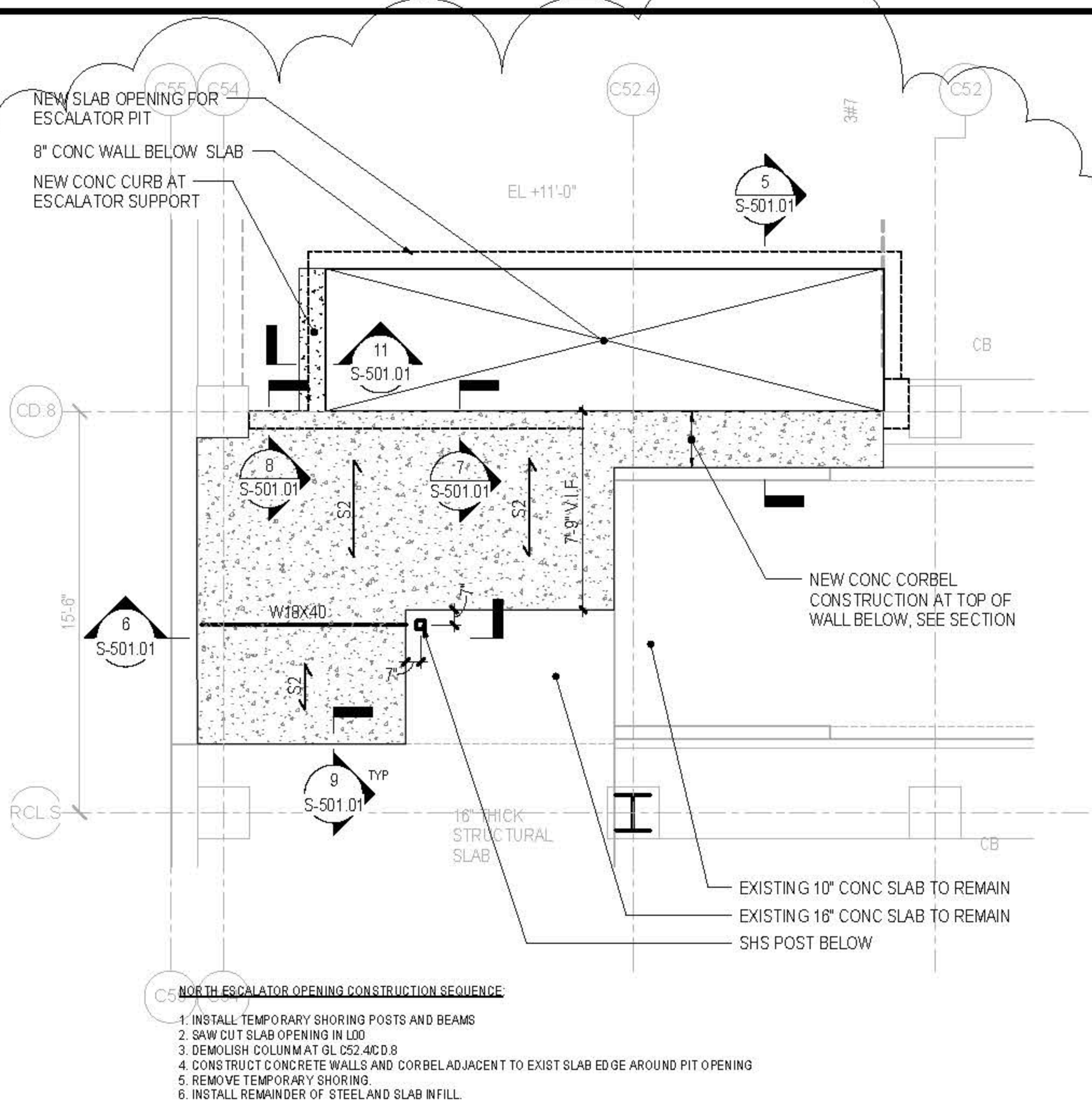
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PROJECT NUMBER: N1318.00
TITLE: MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 00 - 1
DRAWING NO: S-501.01
B SCAN NO: S-501.01
58 of 123



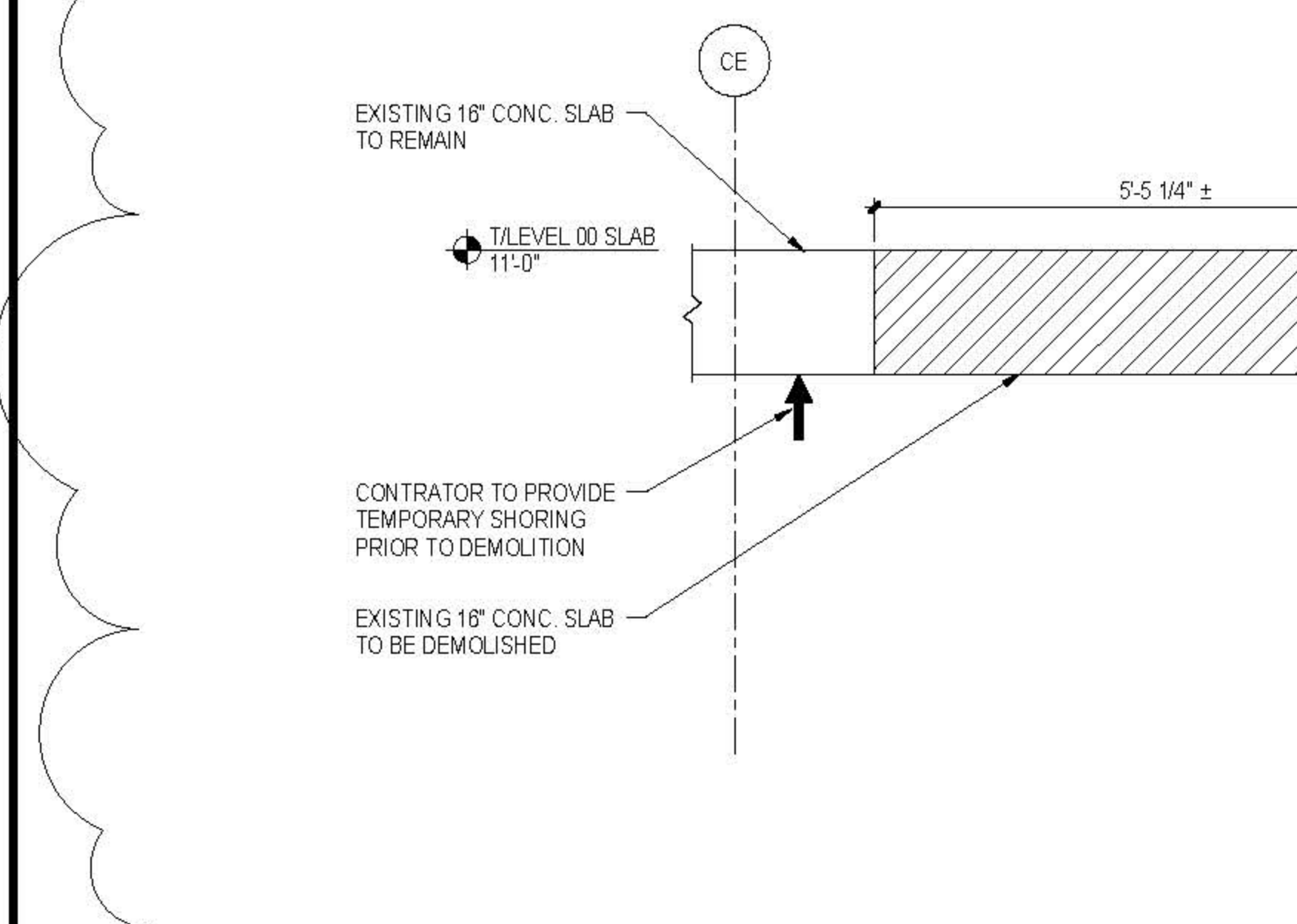
1 CELLAR LEVEL PART PLAN
1/4" = 1'-0"



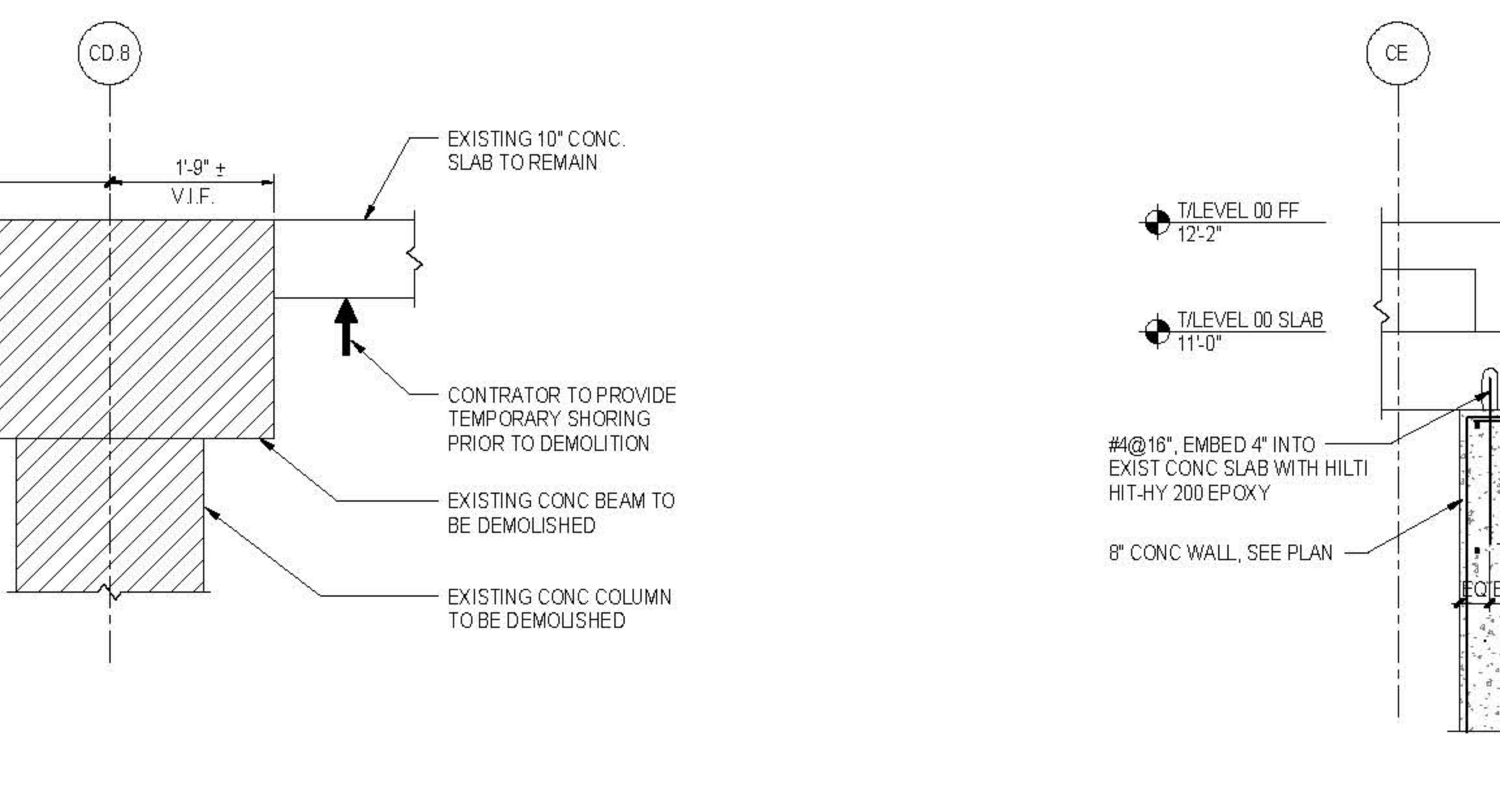
2 PARTIAL LEVEL 00 DEMOLITION PLAN
1/4" = 1'-0"



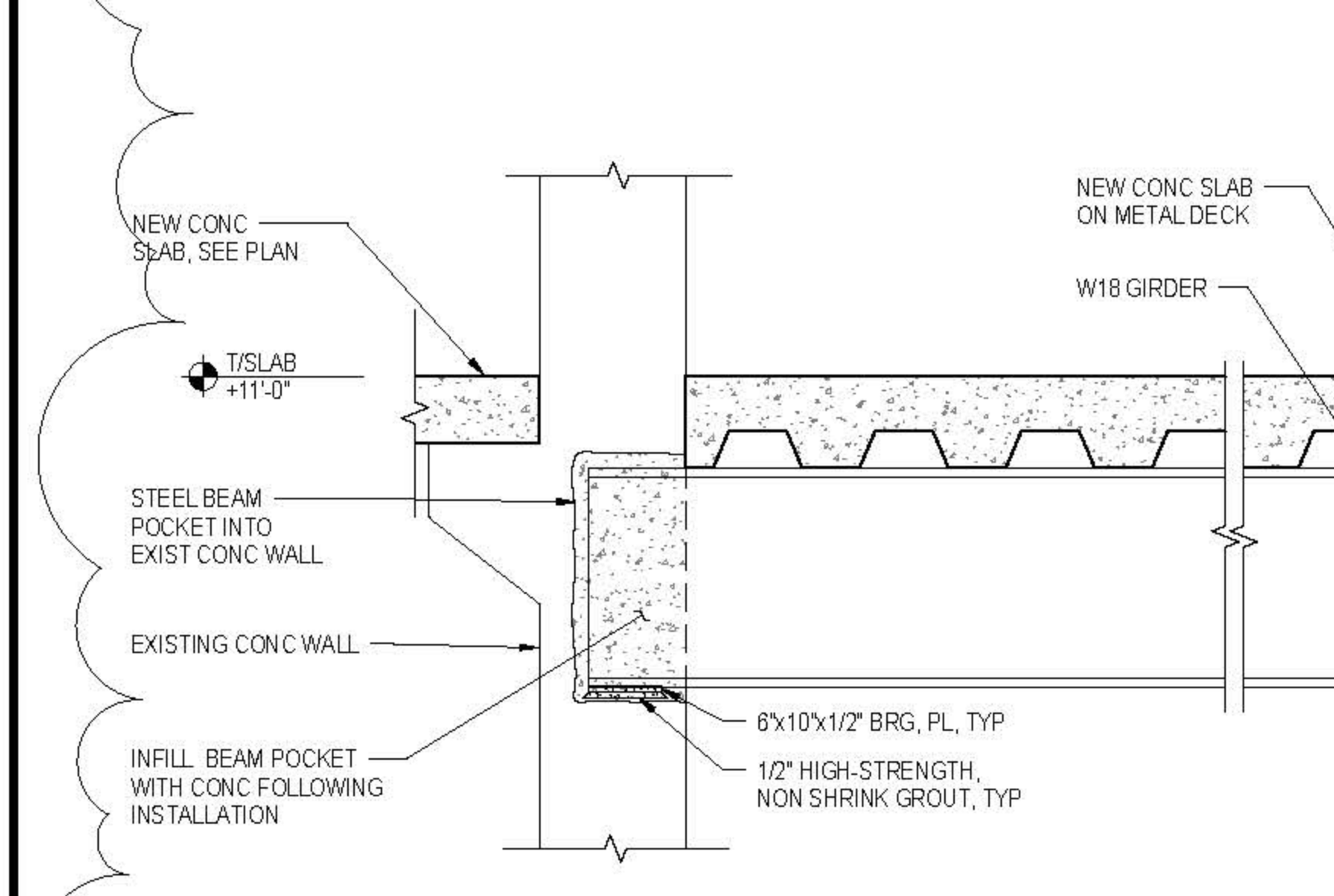
3 PARTIAL LEVEL 00 NEW CONSTRUCTION PLAN
1/4" = 1'-0"



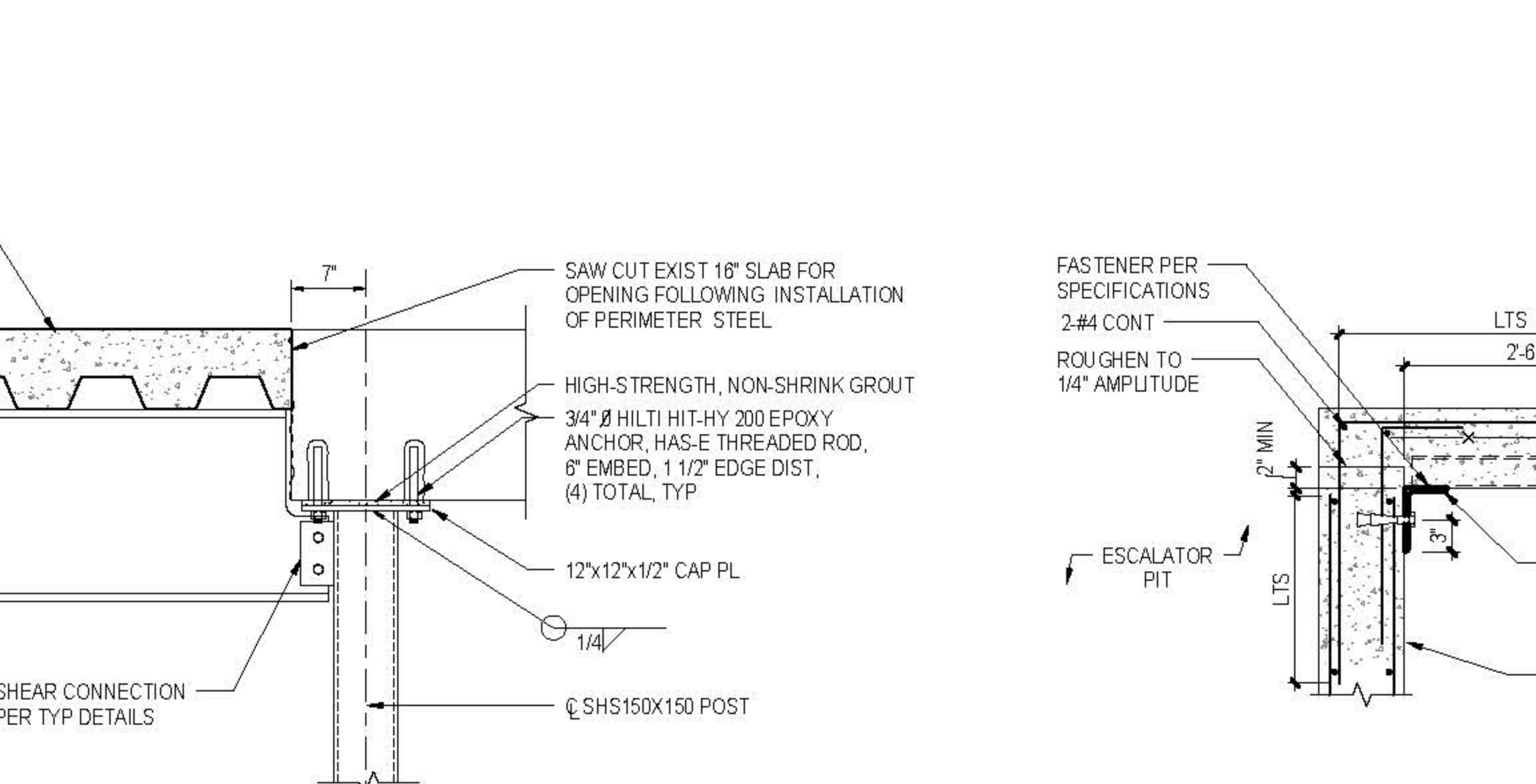
4 DEMOLITION SECTION AT ESCALATOR SLAB OPENING
3/4" = 1'-0"



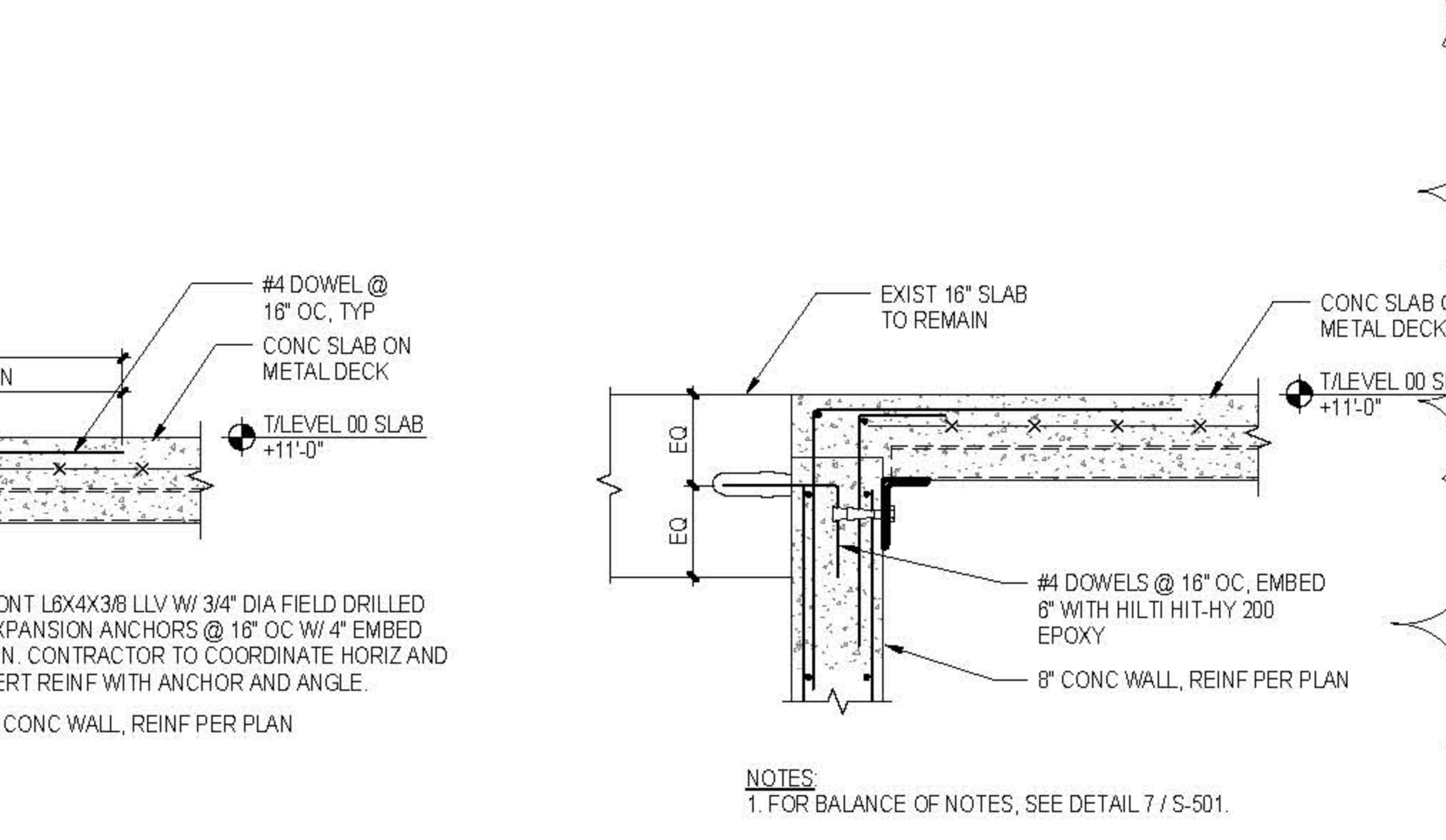
5 NEW CONSTRUCTION SECTION AT ESCALATOR SLAB OPENING
3/4" = 1'-0"



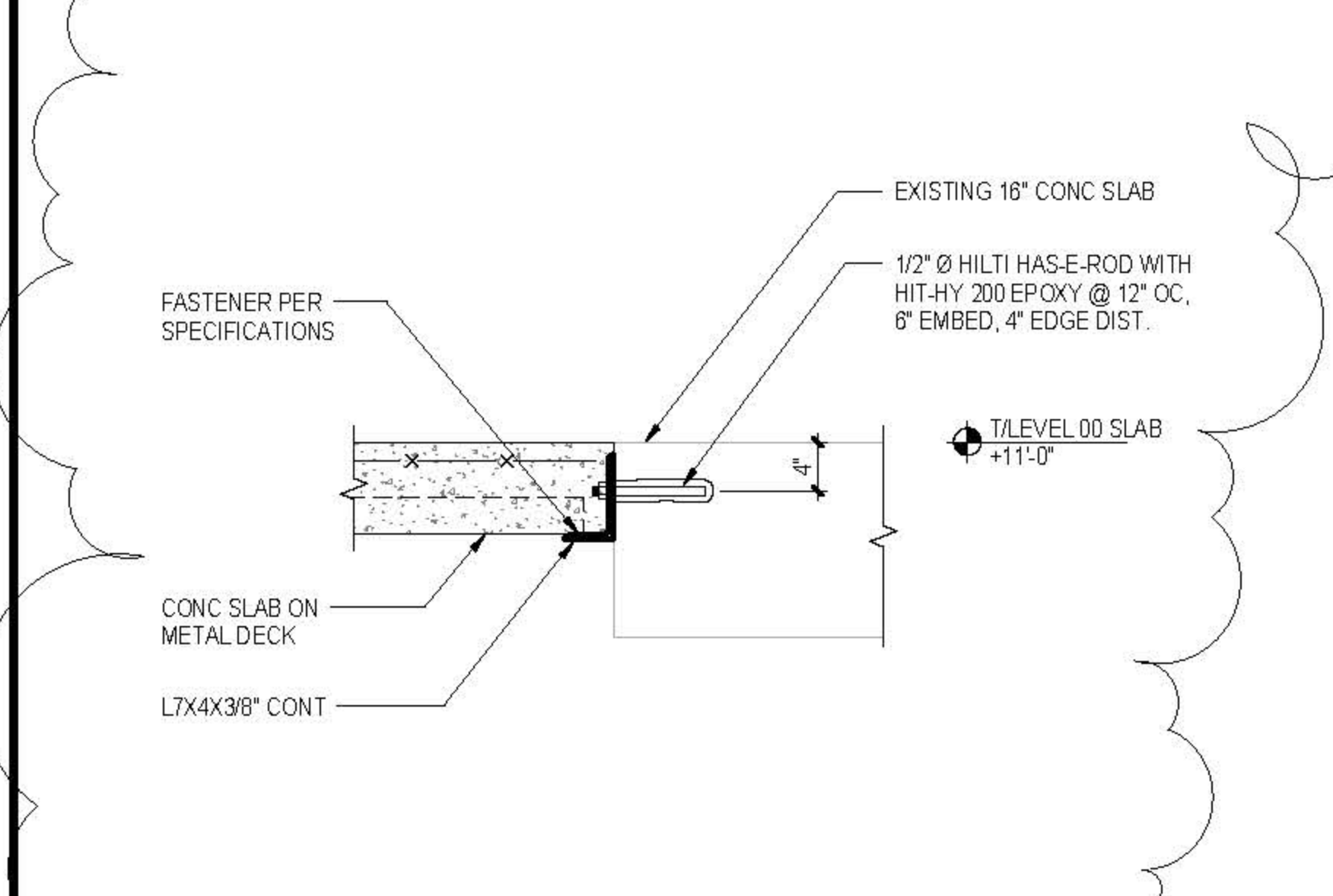
6 SECTION AT SLAB INFILL
1" = 1'-0"



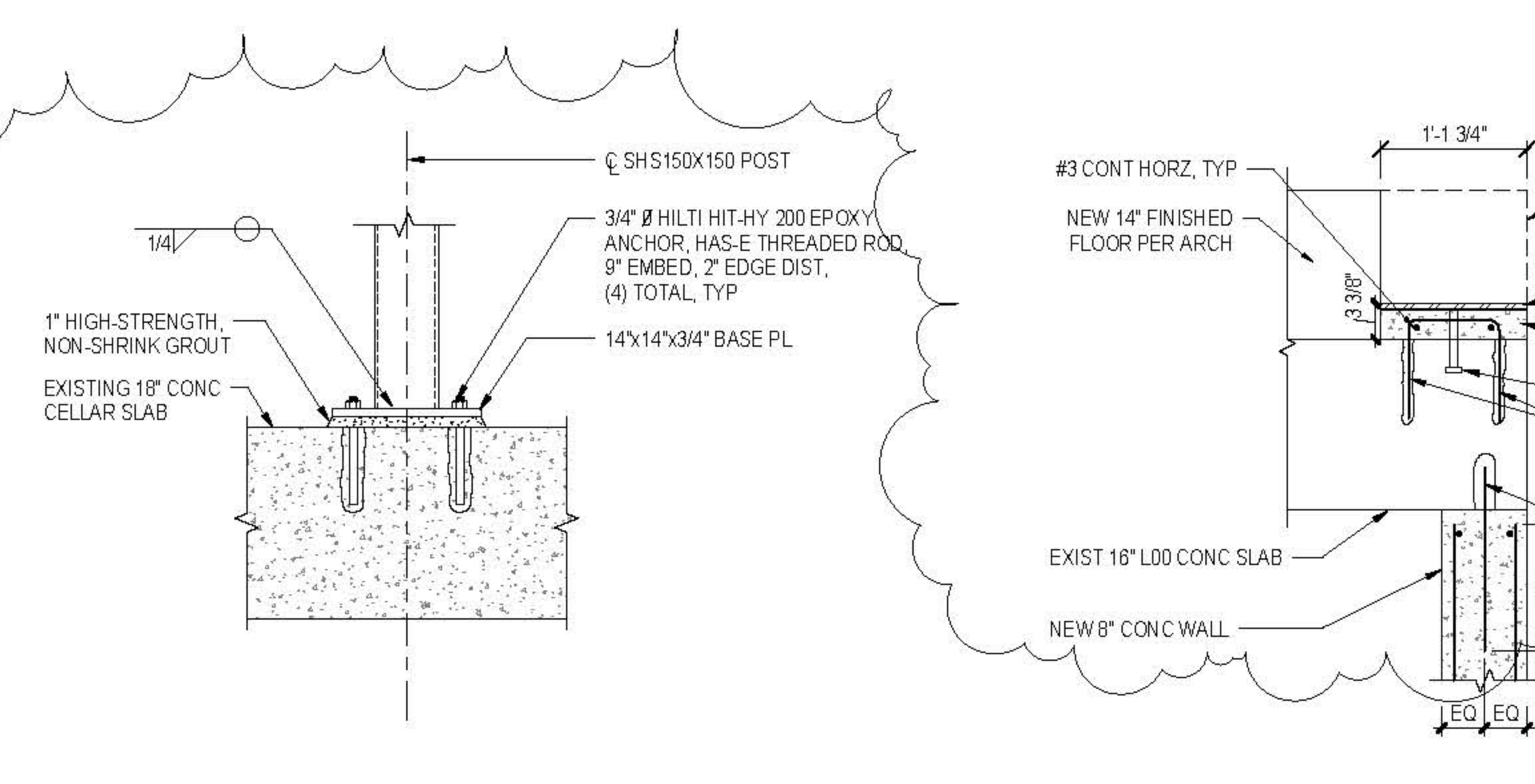
7 SECTION AT NEW SLAB CONN TO EXIST SLAB
1" = 1'-0"



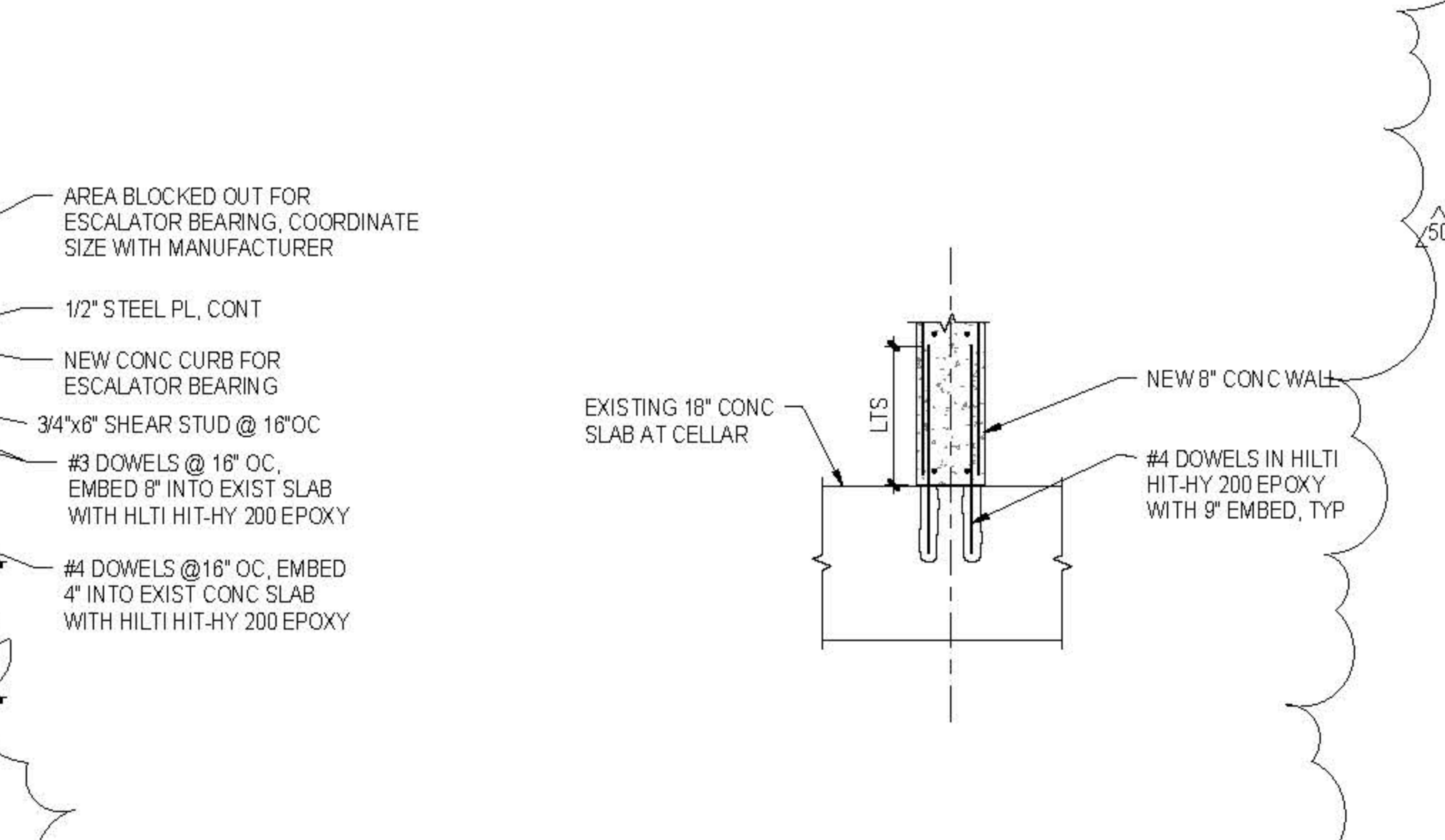
8 SECTION AT NEW SLAB CONN TO EXIST SLAB
1" = 1'-0"



9 SECTION AT NEW SLAB CONN TO EXIST SLAB
1" = 1'-0"



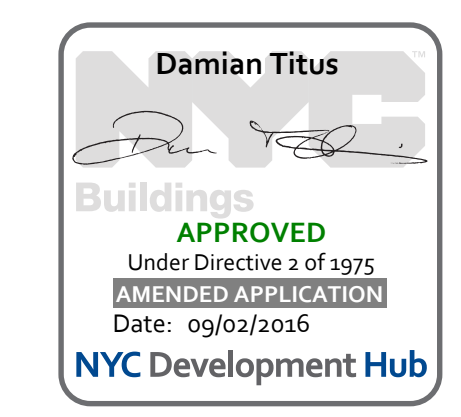
10 TYPICAL SECTION AT SHS POST BASE PLATE
1" = 1'-0"



11 SECTION AT ESCALATOR SUPPORT
1" = 1'-0"



12 SECTION AT BASE OF CONC WALL
3/4" = 1'-0"



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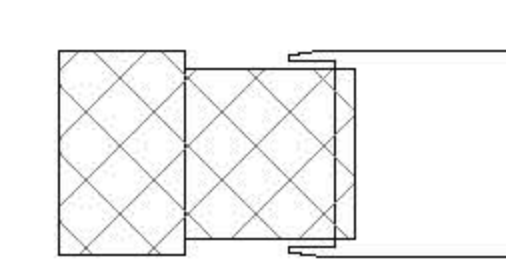
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KEY PLAN



ISSUE PRINTING DATE

NO.	DESCRIPTION	DATE
01	DOB AMENDMENT 7	08.29.2016
02	ADVISORY BULLETIN (M)	09.07.2016
11	ADV. PROCUREMENT ADDENDUM 6	04.10.2015
10	100% CONSTRUCTION DOCUMENTS	03.18.2015
09	PRELIMINARY EOB SUBMISSION	12.30.2014
03	ADV. PROCUREMENT ADDENDUM 1	10.09.2014
01	ADVANCED PROCUREMENT BID SET	06.16.2014

STAMP



DRAWN BY: *Autum* CHECKED BY: *Chris*

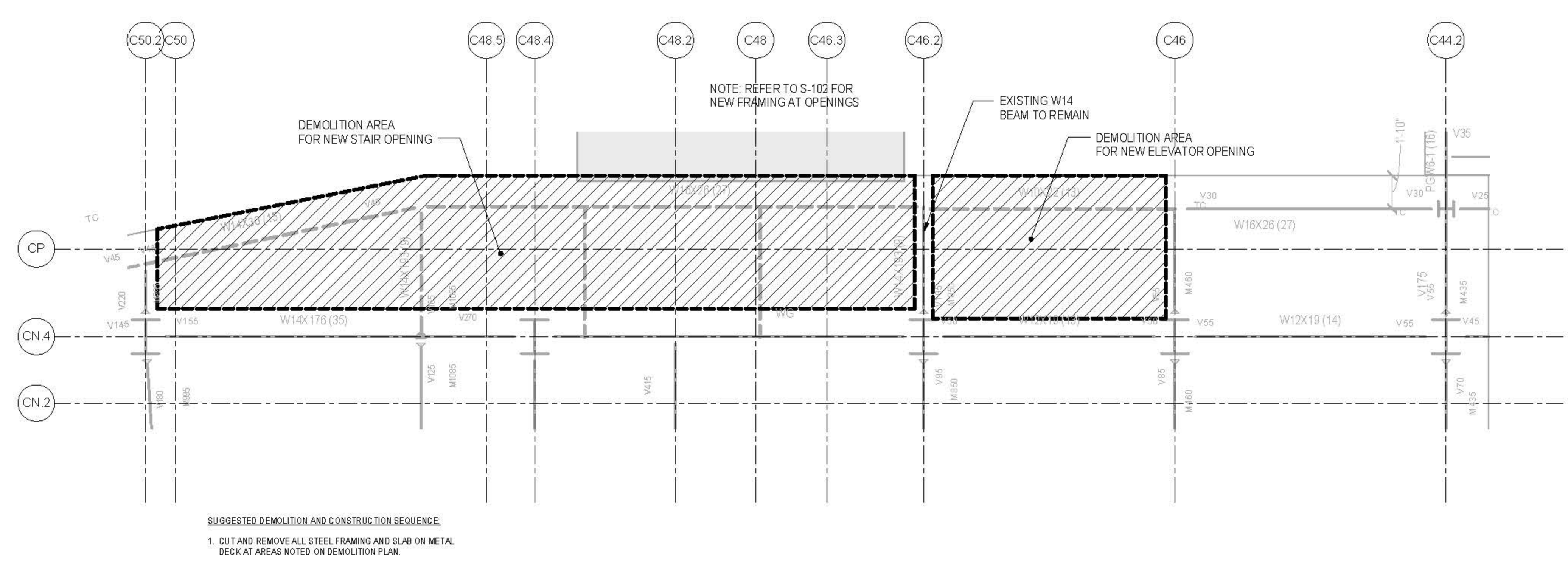
PROJECT NUMBER: N11318.00

TITLE: MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 02 - 1

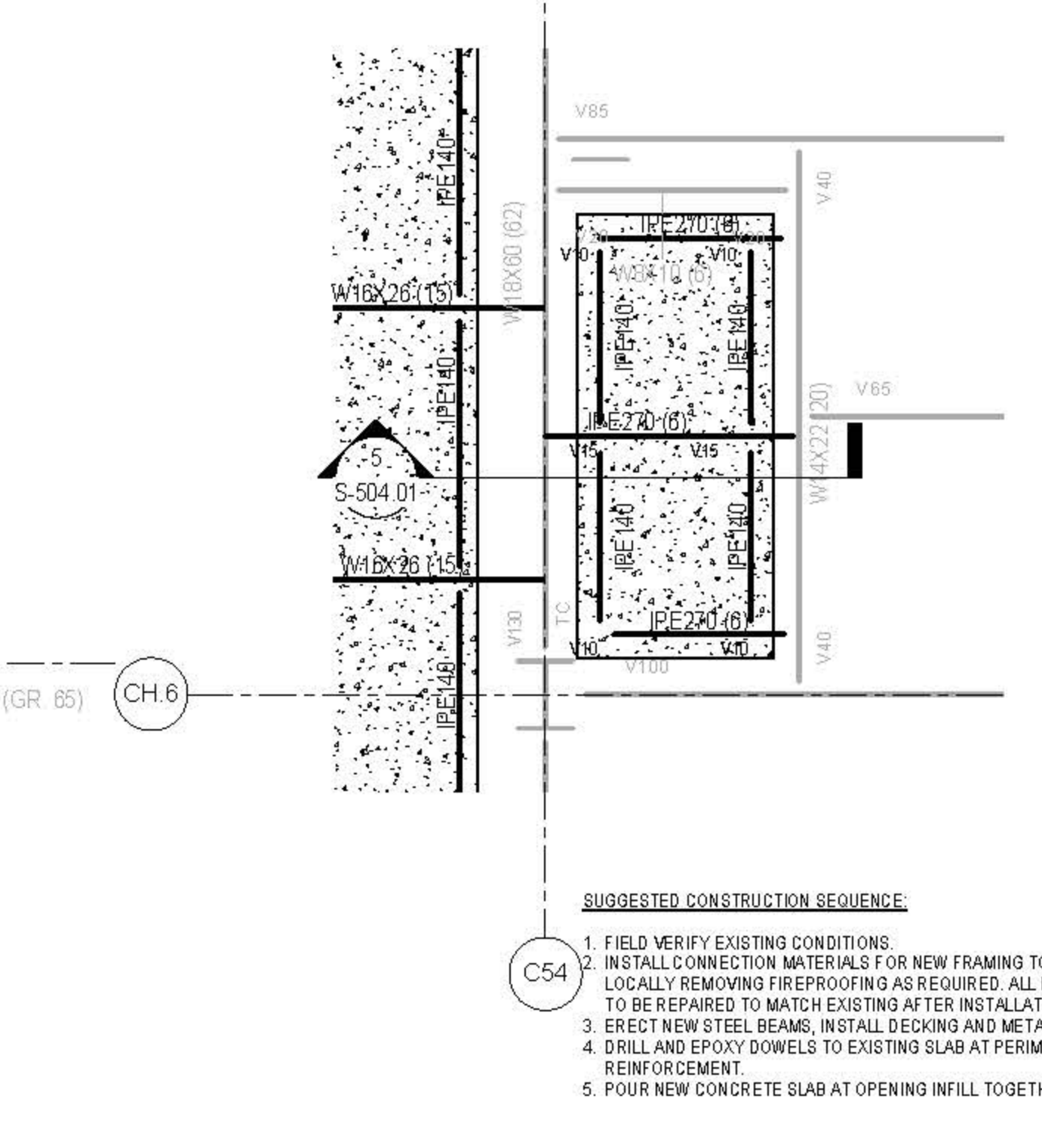
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B.SCAN NO.: S-504.01

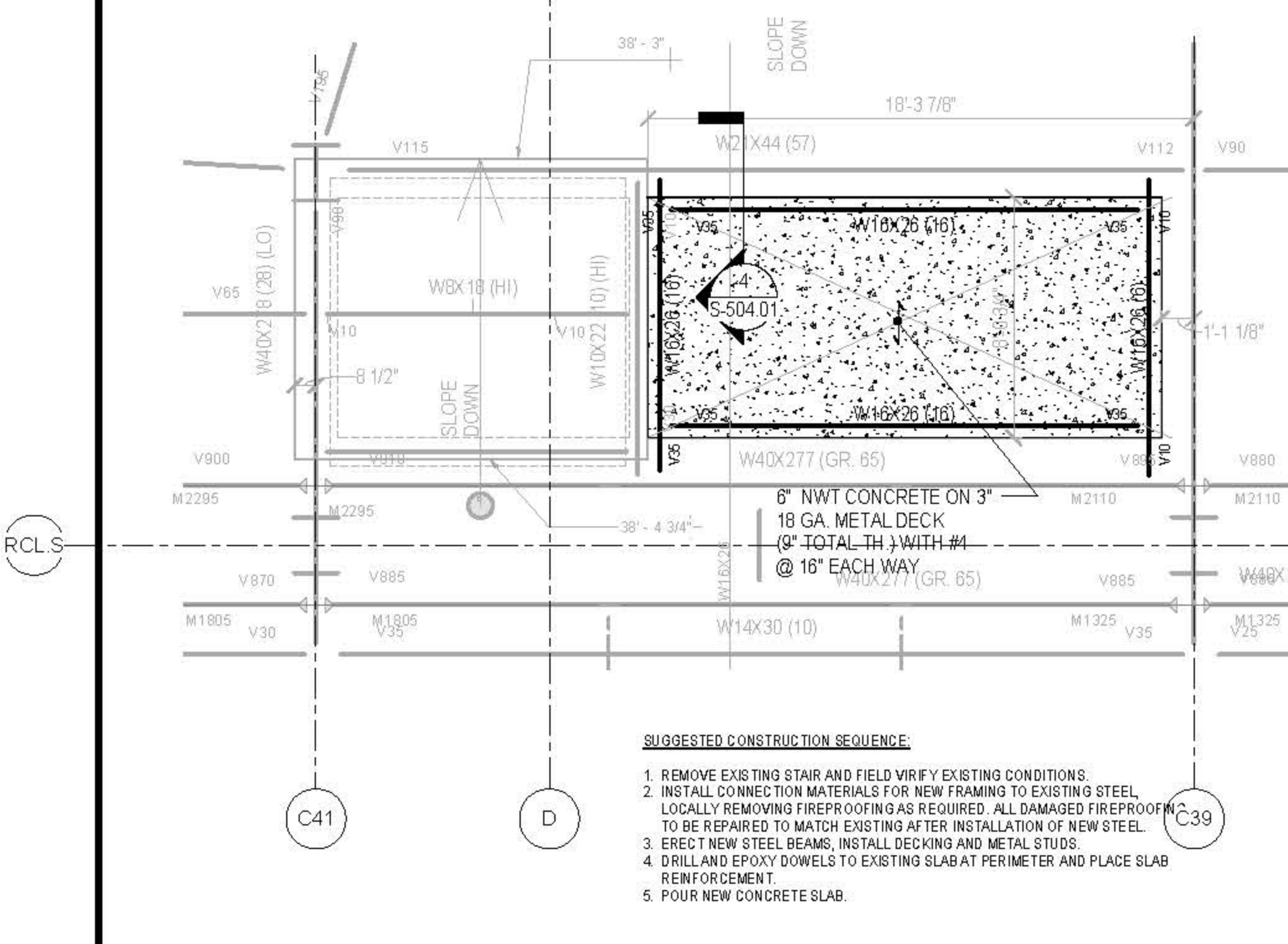
82 of 123



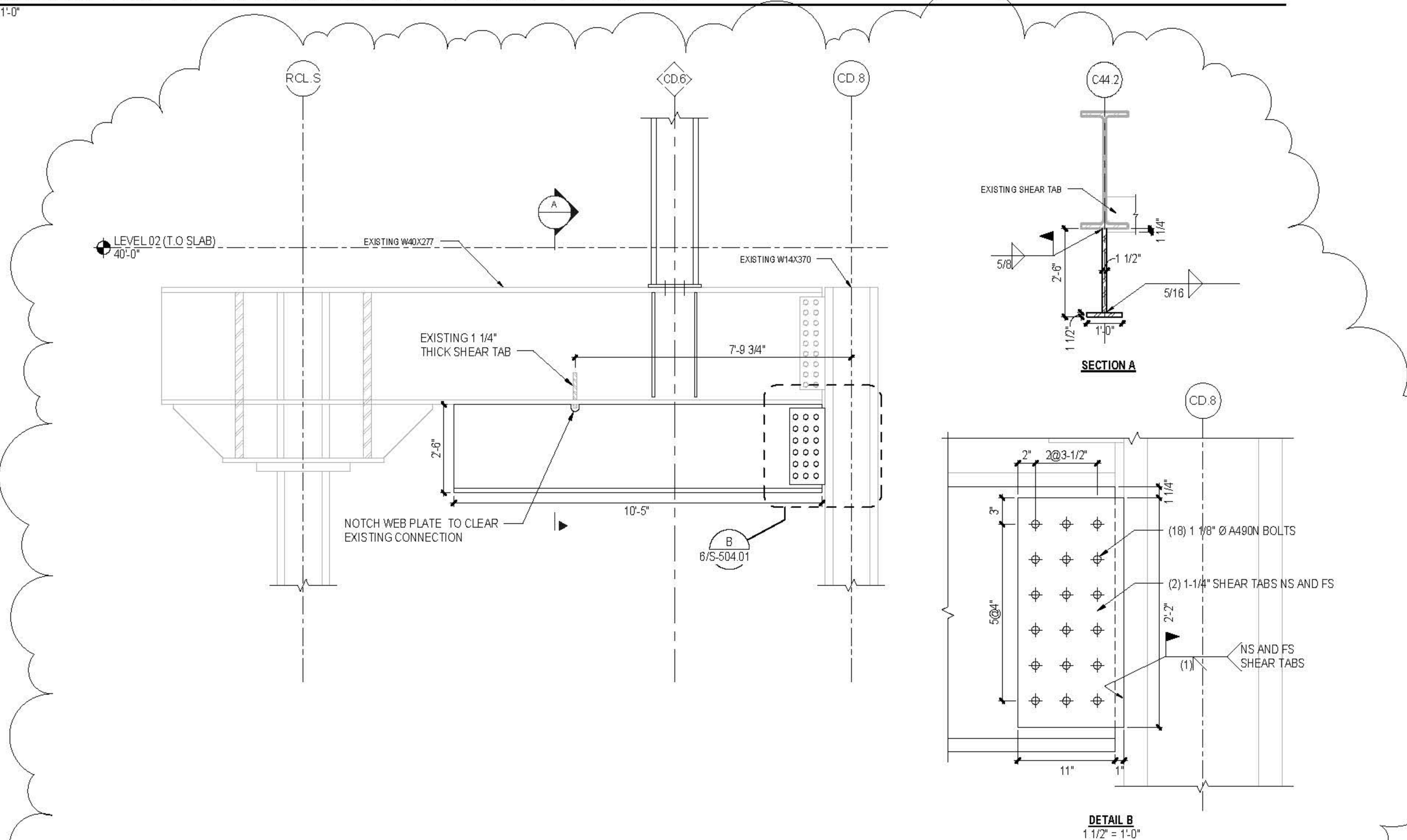
3 DEMOLITION PART PLAN AT L02 STAIR AND ELEVATOR SE-1 OPENINGS
1/4" = 1'-0"



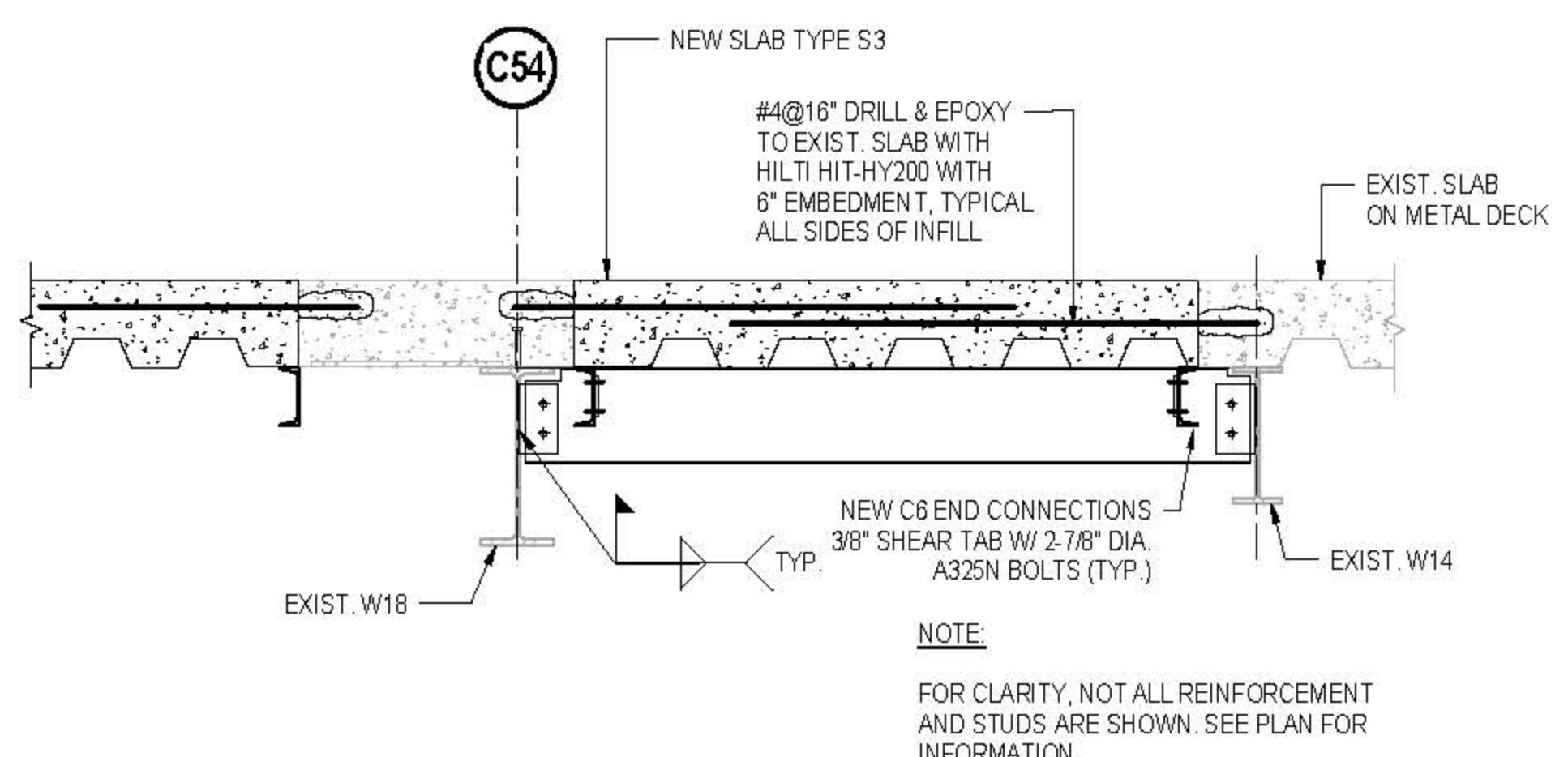
2 PART PLAN SLAB INFILL AT EXISTING L02 OPENING ON C54
1/4" = 1'-0"



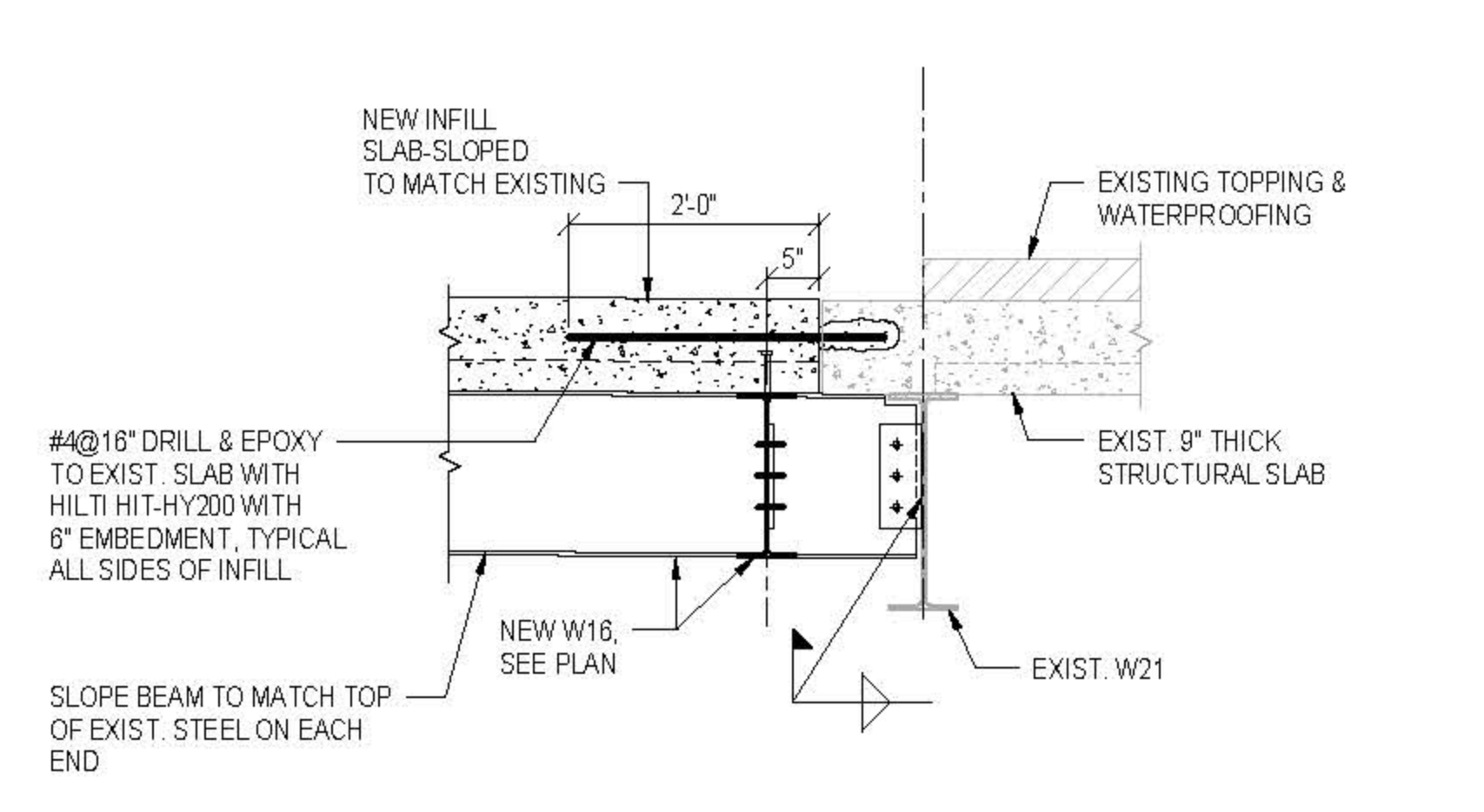
1 PART PLAN OF SLAB INFILL AT EXISTING L02 STAIR
1/4" = 1'-0"



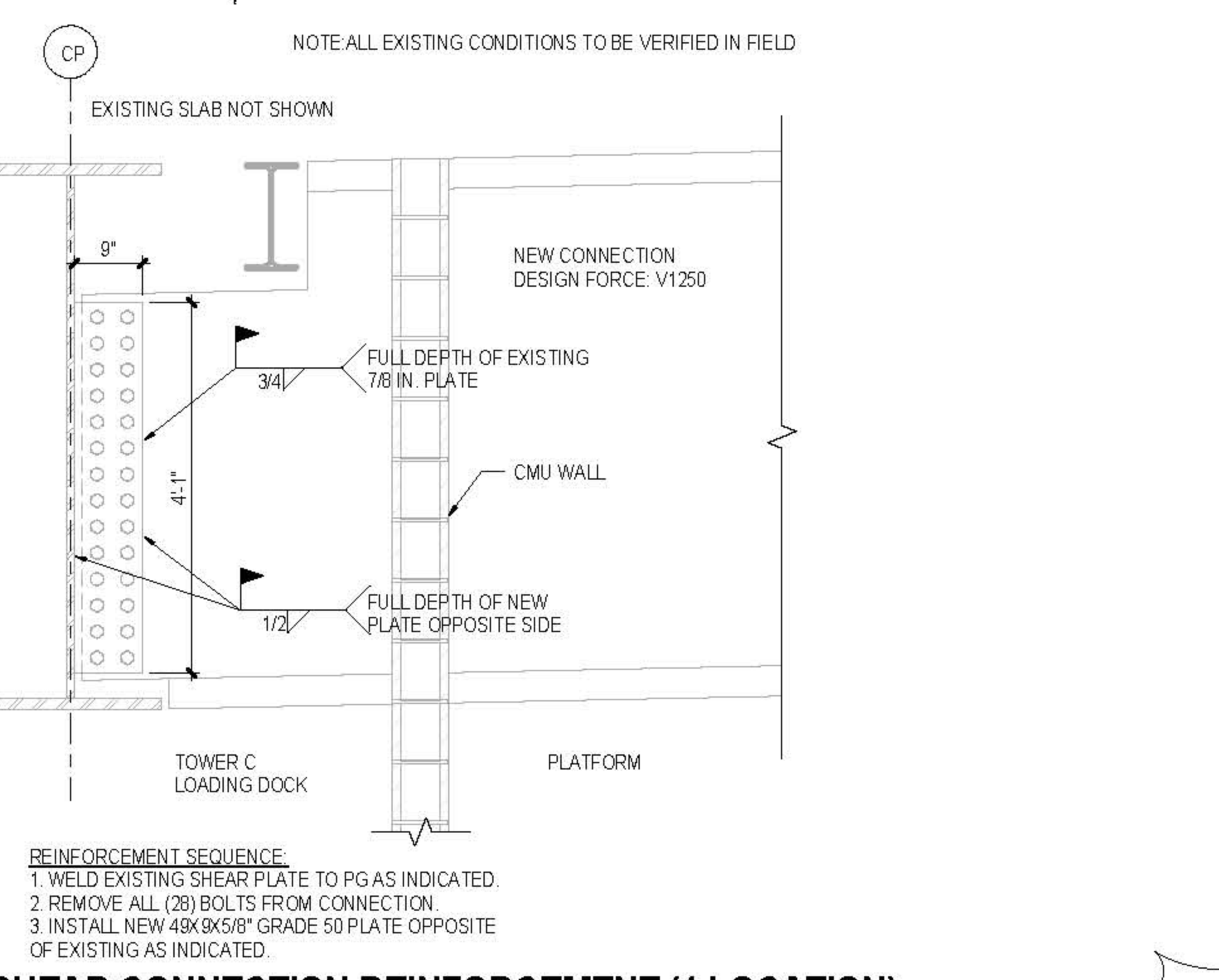
6 C44.2 W40X277 REINFORCEMENT DETAILS
1/2" = 1'-0"



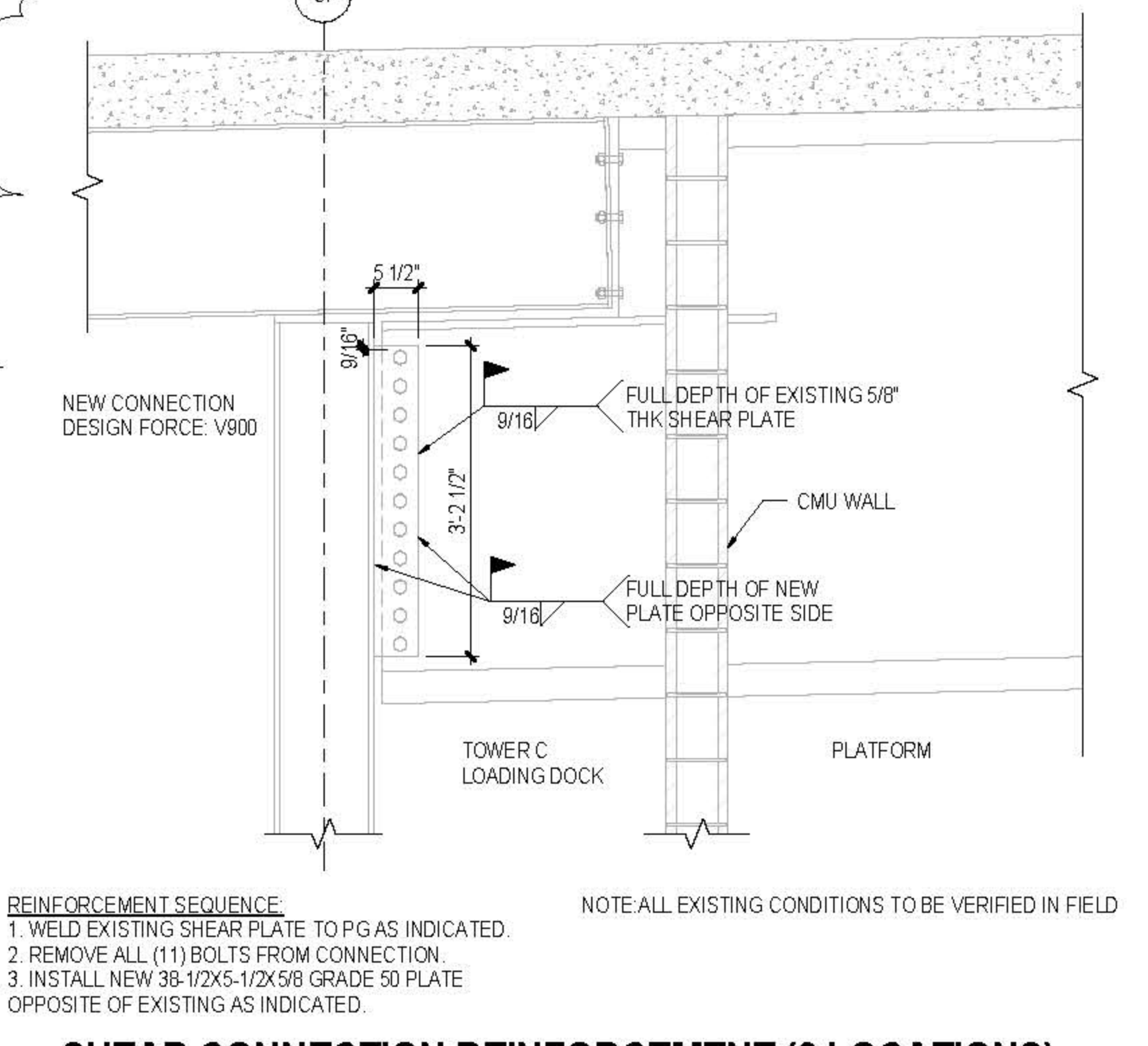
5 SECTION AT L02 OPENING-INFILL ON C54
3/4" = 1'-0"



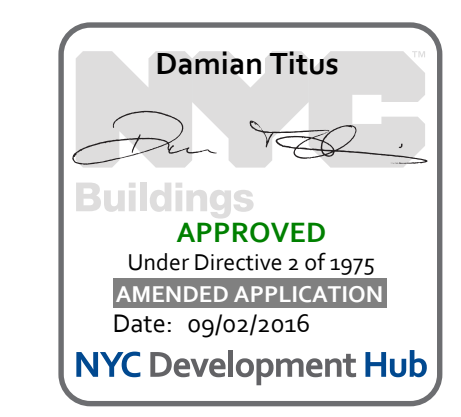
4 SECTION AT INFILL AT L02 STAIR
3/4" = 1'-0"



8 SHEAR CONNECTION REINFORCEMENT (1 LOCATION)
3/4" = 1'-0"



7 SHEAR CONNECTION REINFORCEMENT (3 LOCATIONS)
3/4" = 1'-0"



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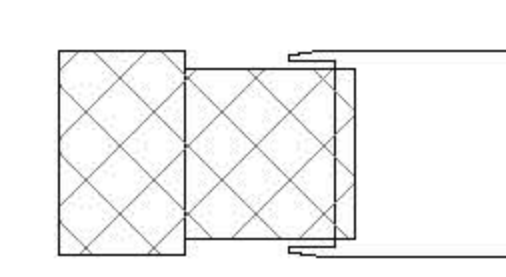
SECURITY
Duchella Venter & Santoro
1100 Sherman Avenue
Hartford, CT 06114
T: 203.286.6490

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James R. Galford AIA Consulting Architects PC
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KEY PLAN



ISSUE PRINTING DATE

NO.	DESCRIPTION	DATE
01	50 - 0105 AMENDMENT 7	08.19.2016
02	ASME (BULLETIN 4)	09.17.2016
11	5 - ADV. PROCEDURE ADDENDUM 5	04.10.2015

STAMP



DRAWN BY: Damian Titus
CHECKED BY: [Signature]

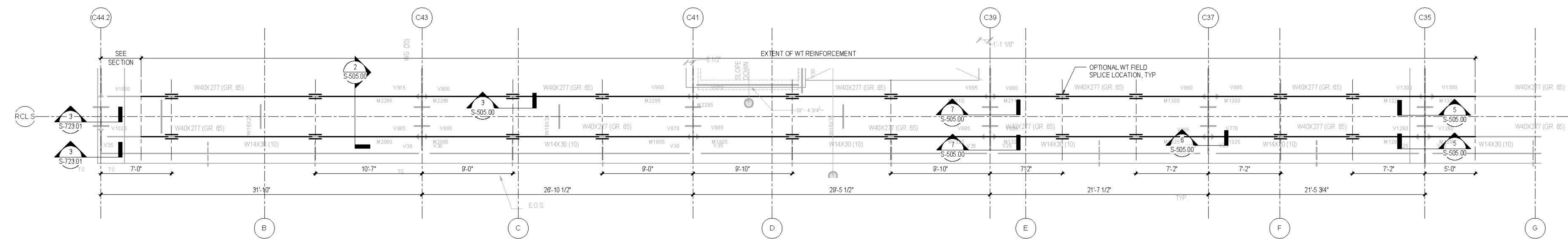
PROJECT NUMBER: N11318.00

TITLE: MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 02 - II

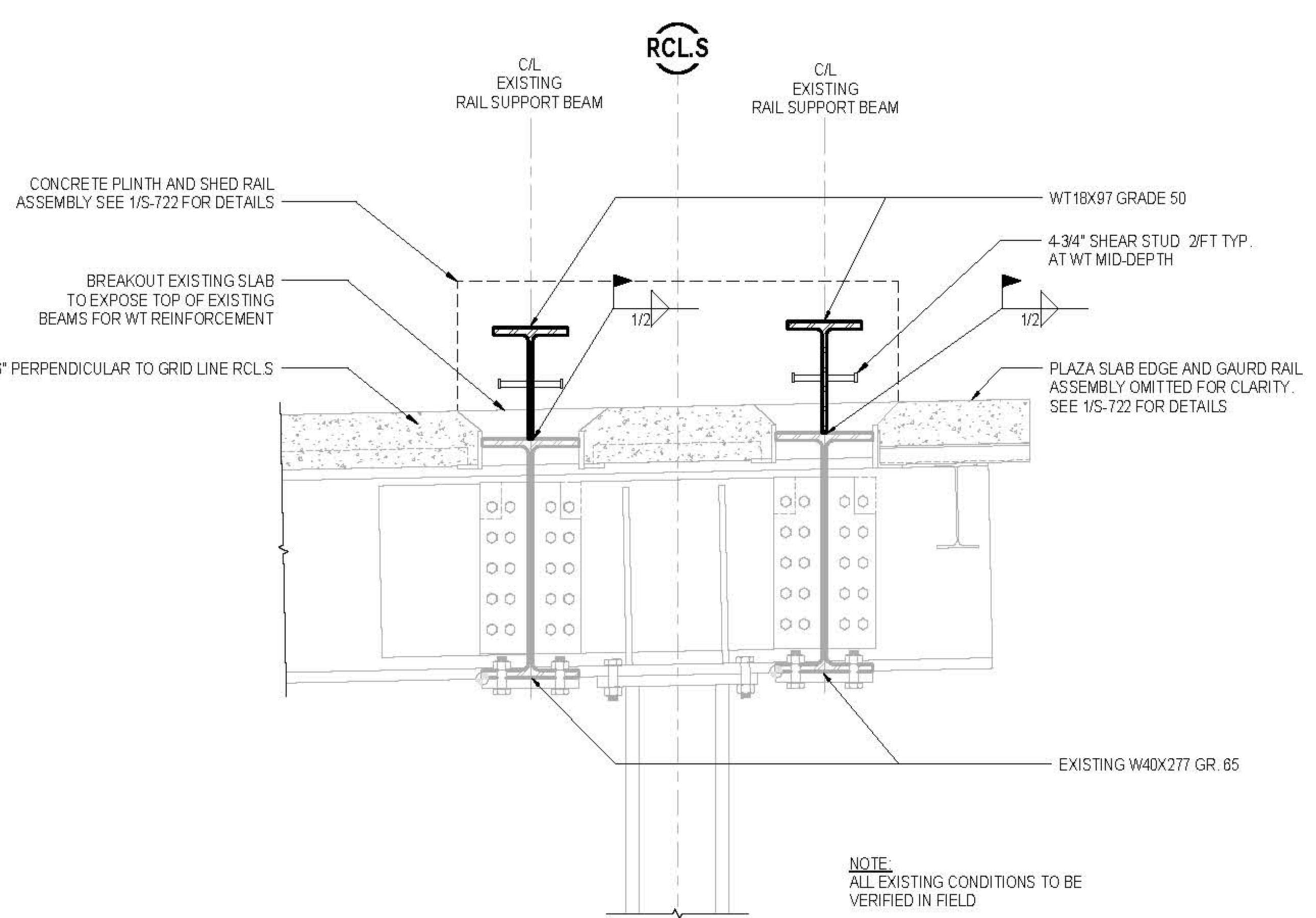
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B.SCAN NO.: S-505.00

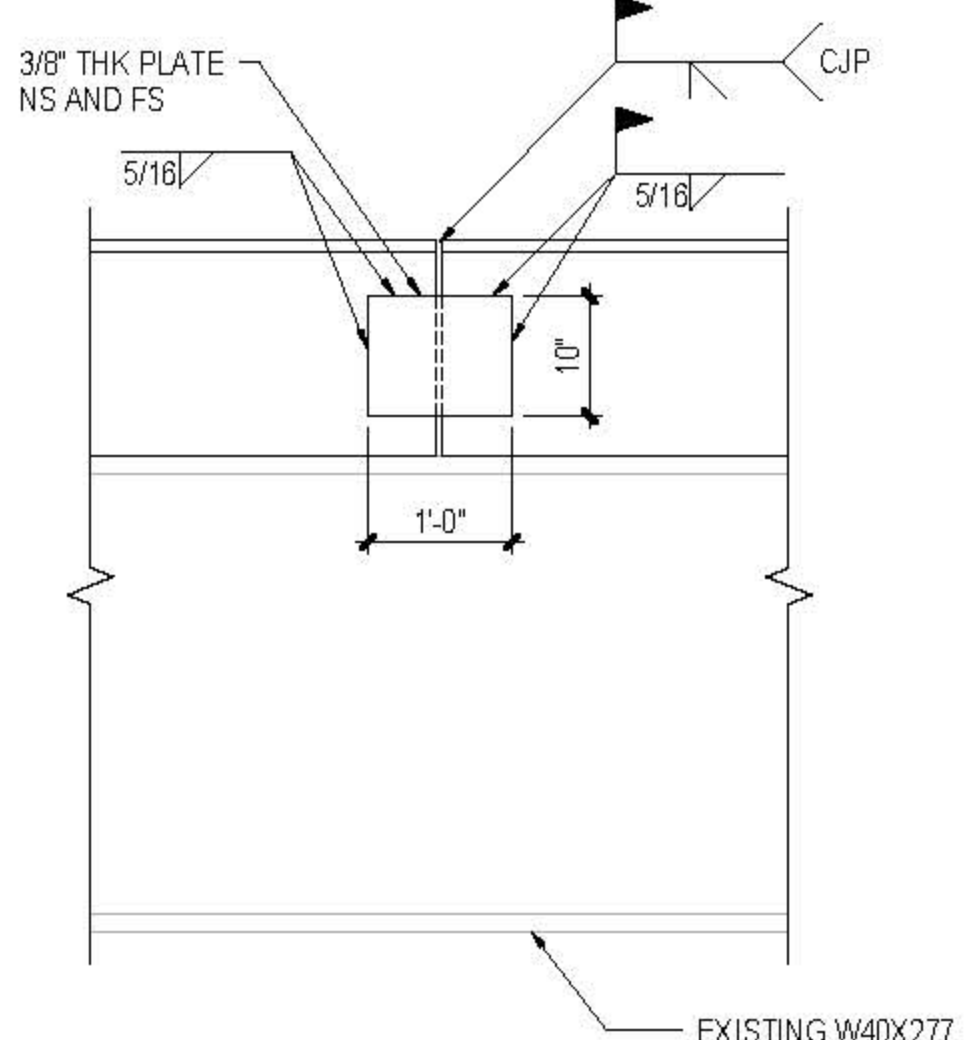
83 of 123



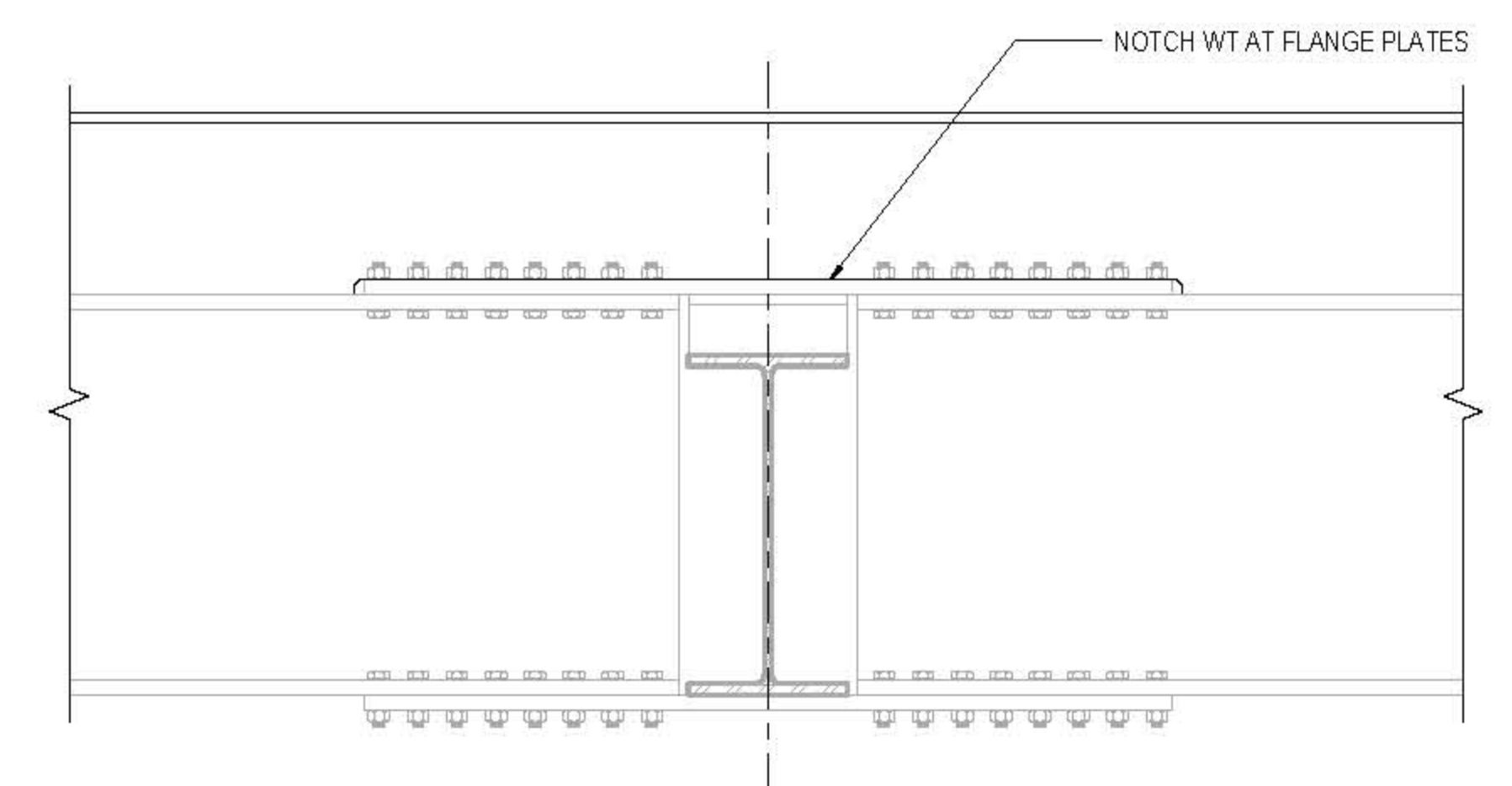
1 PART PLAN WT REINFORCEMENT OF W40X277 RAIL BEAMS
3/4" = 1'-0"



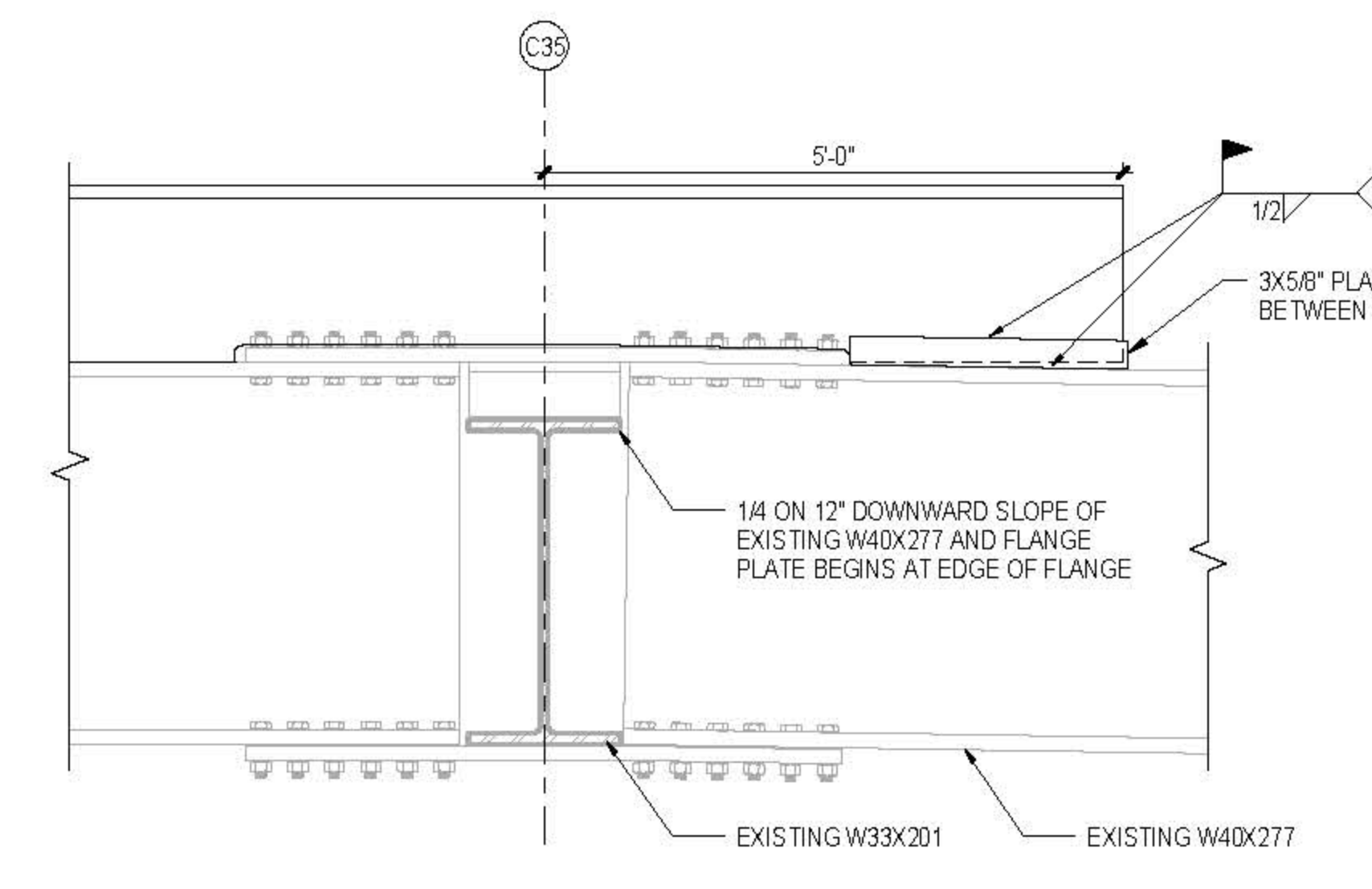
2 TYPICAL SECTION OF SOUTH RAILS AT PLAZA
3/4" = 1'-0"



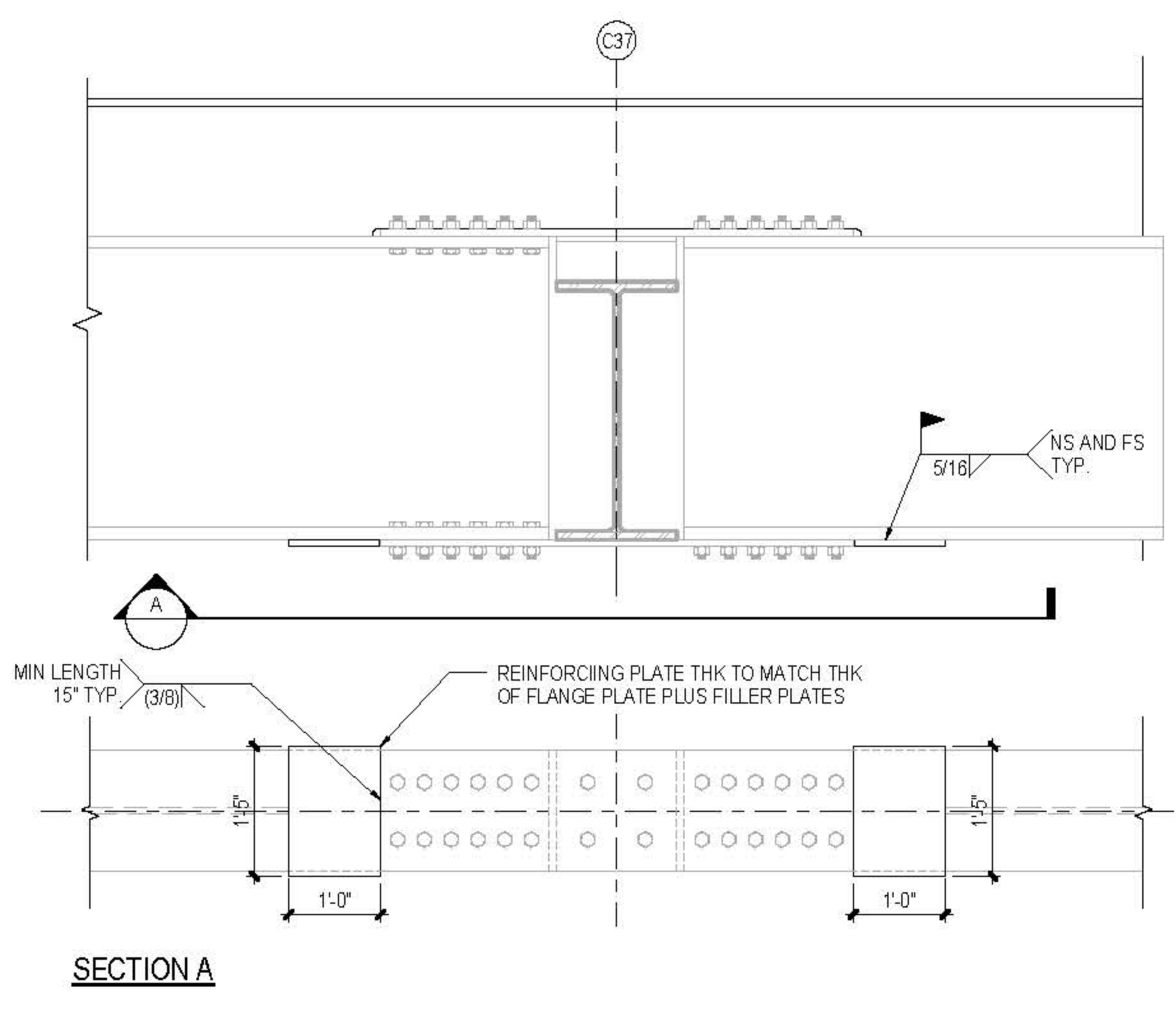
3 WT TYPICAL SPLICE DETAIL
3/4" = 1'-0"



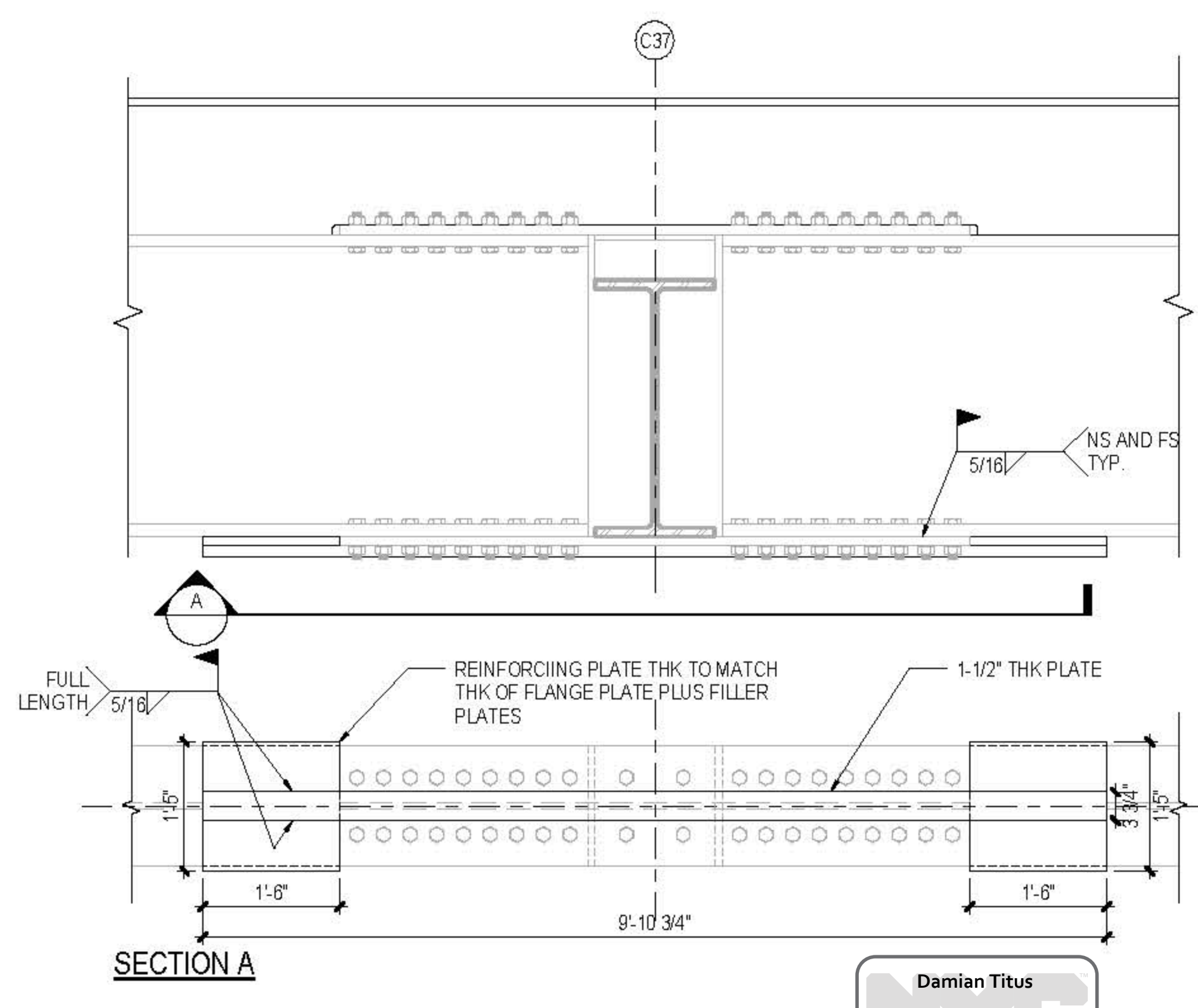
4 WT TYPICAL DETAIL AT MOMENT CONNECTIONS
3/4" = 1'-0"



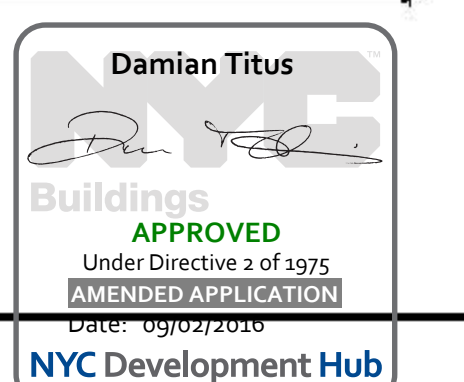
5 WT ATTACHMENT AT SLOPED RAIL BEAM
3/4" = 1'-0"



6 BOTTOM FLANGE REINFORCEMENT AT C37
3/4" = 1'-0"



7 BOTTOM FLANGE REINFORCEMENT AT C39
3/4" = 1'-0"



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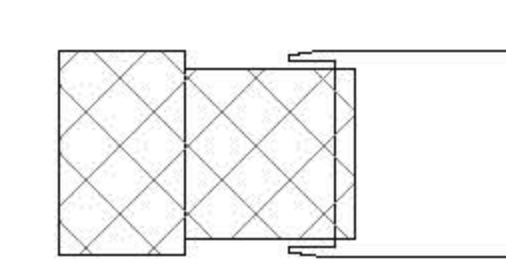
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KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
61	60	DOB AMENDMENT 7
		08/19/2016

STAMP



DRAWN BY: **AD/ny** CHECKED BY: **CR/ny**

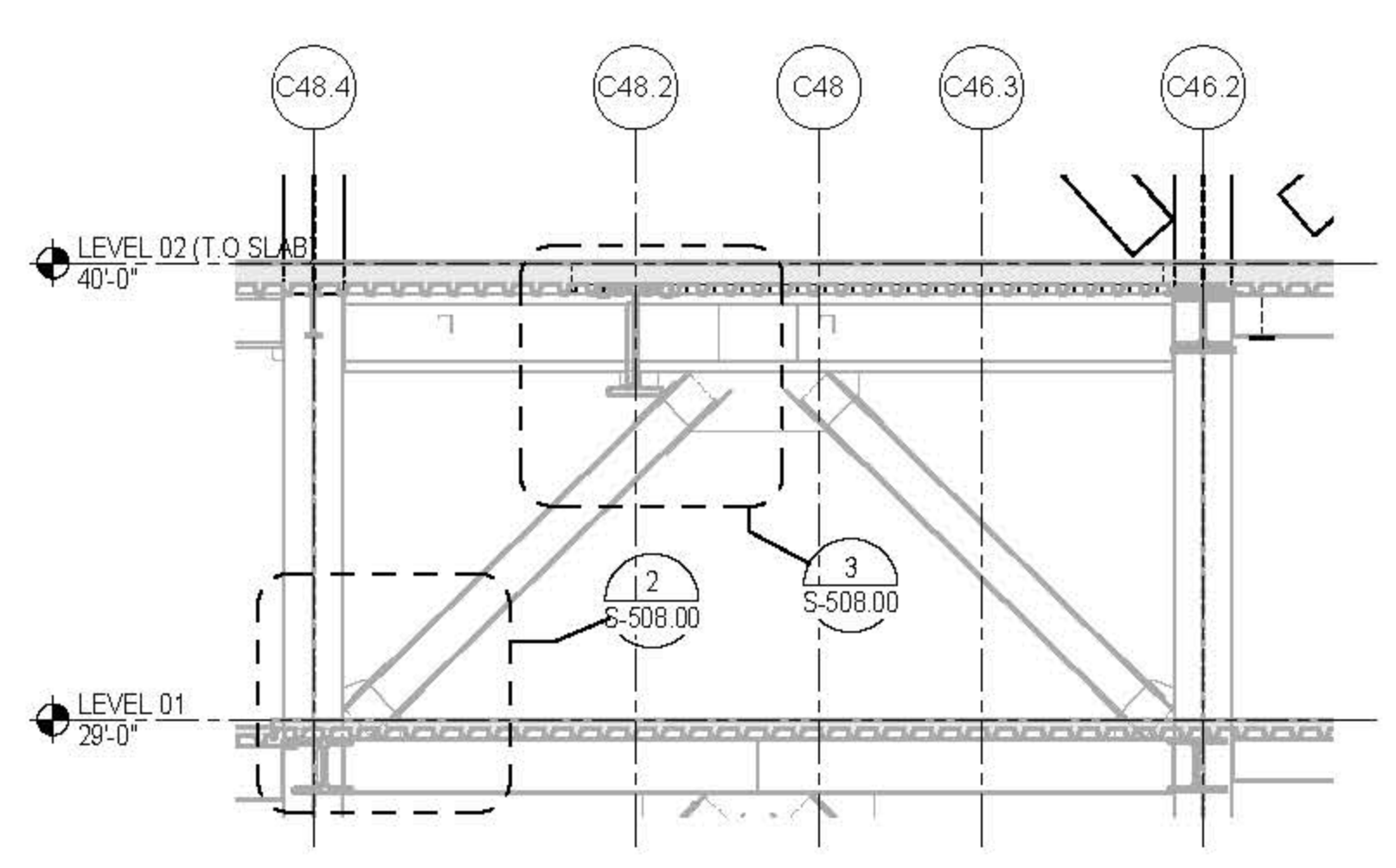
PROJECT NUMBER: **N11318.00**

TITLE: **MODIFICATION PART PLANS AND DETAILS, FIXED BUILDING LEVEL 02 - V**

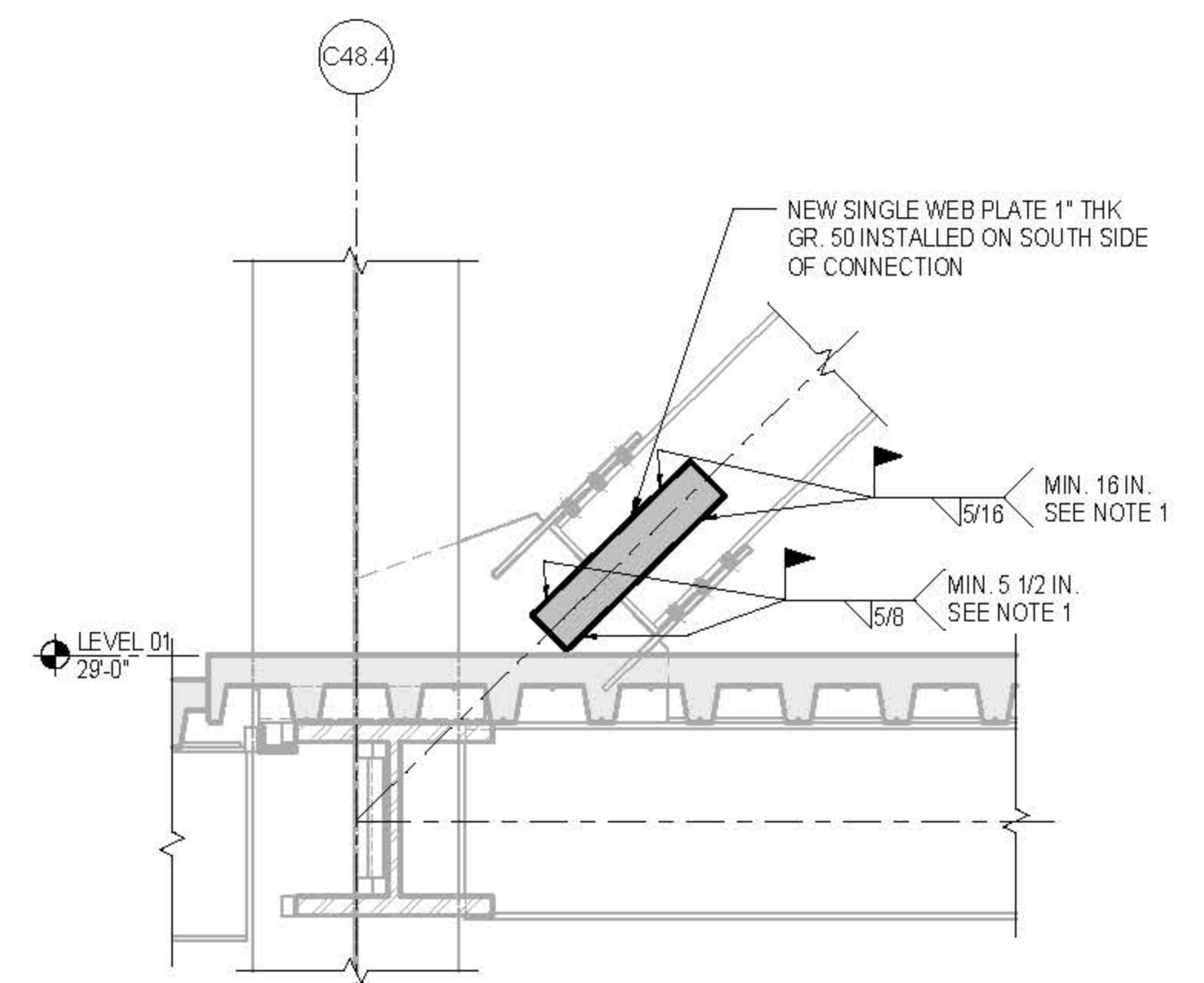
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B.SCAN NO.: **S-508.00**

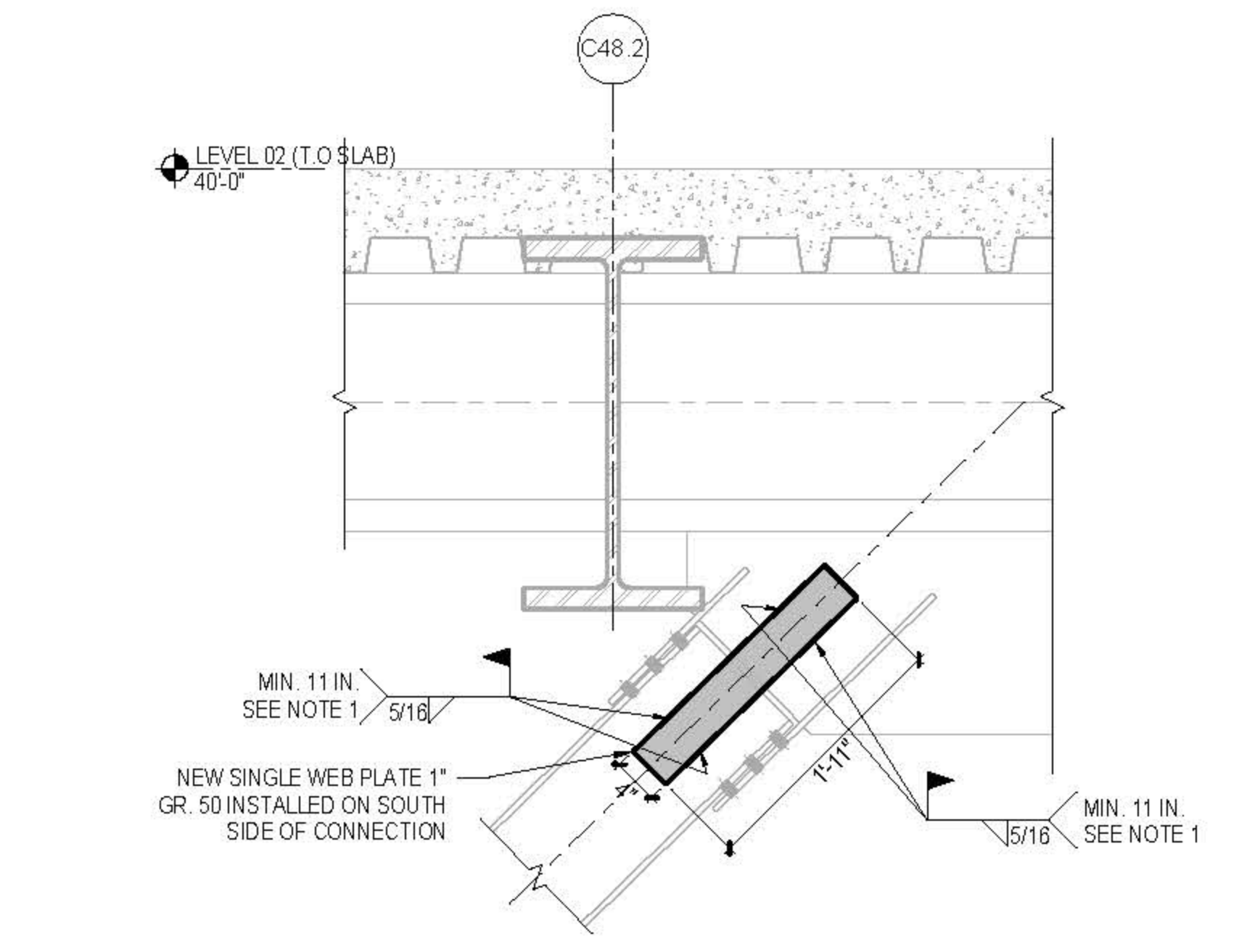
84 of 123



1 CN.4/C48.4-C46 BRACING ELEVATION
1/4" = 1'-0"



2 CN.4/C48.4 BRACE CONNECTION REINFORCEMENT
1" = 1'-0"

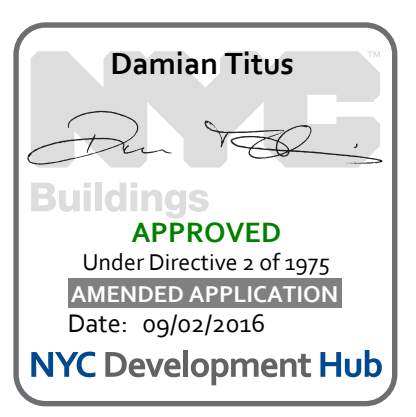


3 CN.4/C48.4-C46 BRACE CONNECTION REINFORCEMENT
1" = 1'-0"

GENERAL REINFORCEMENT NOTES:

1. INSURE ALL WEB PLATES FLAT TO HIGHER SURFACE, BRACE WEB OR GUSSETT, AND INCREASE LOWER SIDE FILLET WELD SIZE BY DIMENSION OF RESULTING GAP IF GREATER THAN 1/16", BUT NOT MORE THAN 3/16"
2. LOCALLY REMOVE EXISTING SPRAY-ON FIREPROOFING FOR SURFACE PREPARATION AND RESTORE FOLLOWING COMPLETION OF REINFORCEMENT.
3. ALL EXISTING CONDITIONS TO BE VERIFIED IN FIELD.

TYPICAL BRACING REINFORCEMENT NOTES



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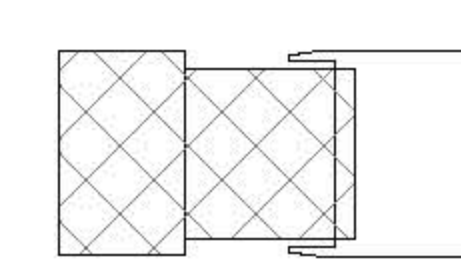
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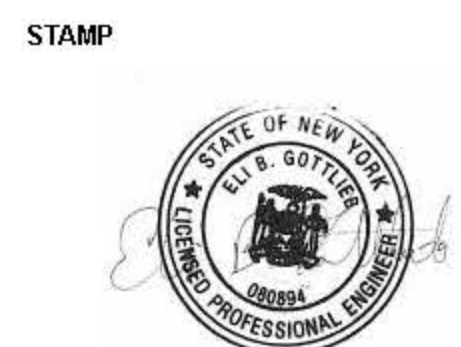
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KEY PLAN



ISSUE PRINTING DATE

NO.	DESCRIPTION	DATE
01	50 DOB AMENDMENT 7	08.19.2016
02	37 26 061 #01	02.12.2016
03	CONTRACTOR SET	10.09.2016
04	ADV. PROCUREMENT ADDENDUM 6	04.10.2016
05	100% CONSTRUCTION DOCUMENTS	03.18.2016
06	90% CONSTRUCTION DOCUMENTS	02.16.2016
07	PRELIMINARY DOB SUBMISSION	12.10.2014
08	ADVANCED PROCUREMENT BID SET	06.16.2014



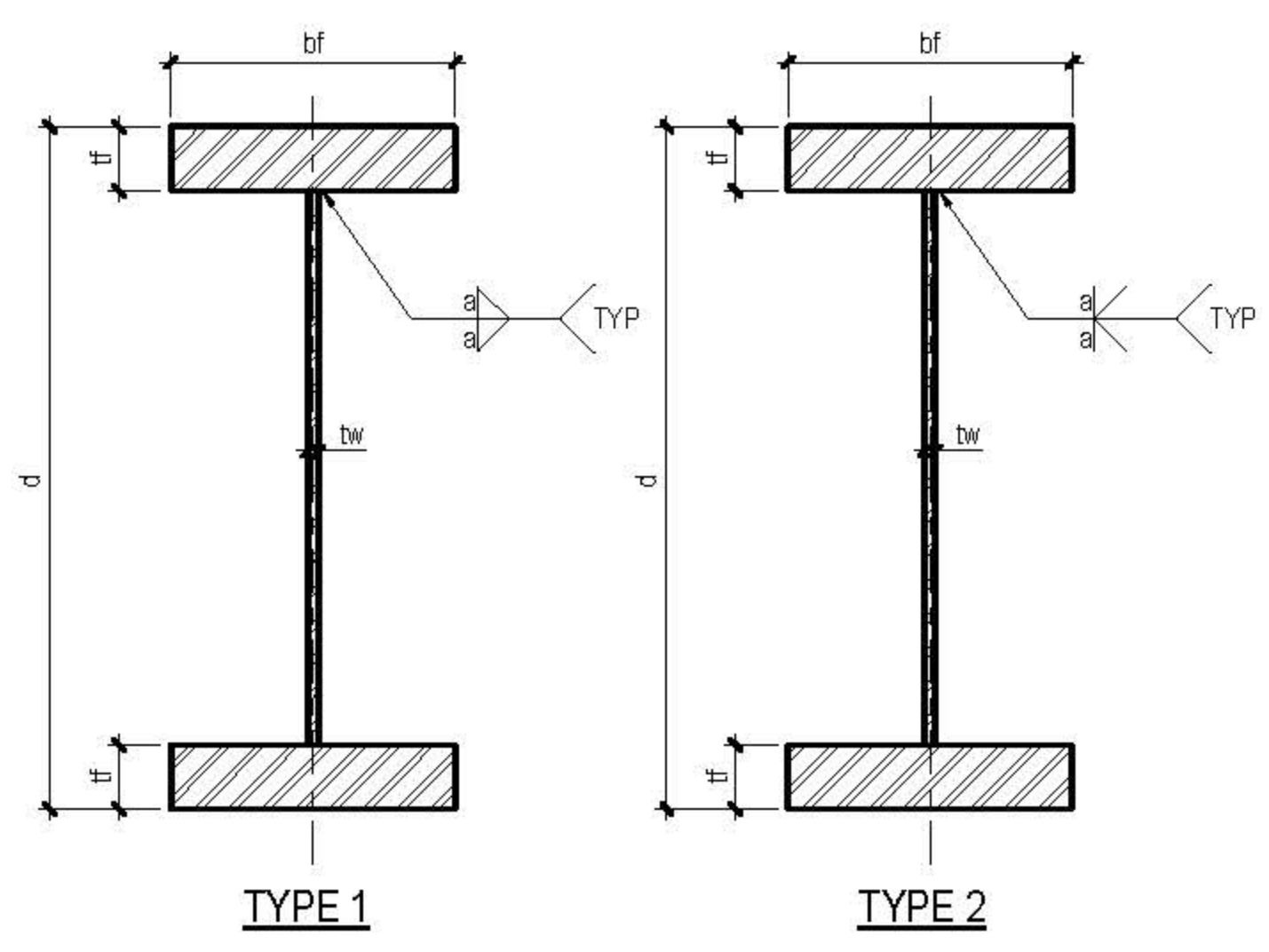
DRAWN BY: Audrey
CHECKED BY: Chris
PROJECT NUMBER: N1318.00

TITLE: TYPICAL STEEL BEAM DETAILS II

DRAWING NO.: S-703.01

B-SCAN NO.: S-703.01

MARK	TYPE	MAXIMUM SIZE (IN)				PLATES (L x WIDTH (IN))			ADDL. SLAB REINF. REQ. SEE NOTE 4	REMARKS
		W	H	DIAMETER	e	TOP	BOTTOM	SIDE		
01A	U	22	9	-	-	-	-	-	-	
01B	U	-	-	24	32.5	-	-	-	-	
01C	U	-	-	24	35.5	-	-	-	-	
01D	U	-	-	24	39.5	-	-	-	-	
02A	U	-	-	10.5	-	-	-	-	-	
02B	U	16	10	-	-	-	-	-	-	
02C	S	24	18	-	-	1/2x4.5	1/2x4.5	-	1/4	FIELD CUT IN EXISTING BEAM
02D	U	14	9	-	-	-	-	-	-	
02E	U	22	9	-	-	-	-	-	-	
02F	U	18	9	-	-	-	-	-	-	
02G	U	24	24	-	-	-	-	-	-	
02H	U	-	-	14	17	-	-	-	-	
02I	U	-	-	14	26	-	-	-	-	
02J	U	-	-	14	28	-	-	-	-	
02K	U	-	-	14	29	-	-	-	-	
02L	U	-	-	14	31	-	-	-	-	
02M	U	-	-	16	26	-	-	-	-	
02N	U	-	-	16	29	-	-	-	-	
02O	U	-	-	14	-	-	-	-	-	
02P	U	18	18	-	-	-	-	-	-	TR-1, SEE S-401 FOR LOCATION
02Q	U	-	-	8	-	-	-	-	-	TR-1, SEE S-401 FOR LOCATION
02R	U	52	28	-	-	-	-	-	-	
02S	U	36	12	-	-	-	-	-	-	TR-1, SEE S-401 FOR LOCATION
02T	U	20	9	-	-	-	-	-	-	
02U	U	-	-	8	-	-	-	-	-	
02V	U	-	-	10	-	-	-	-	-	
02W	S-ALT	-	-	8	-	1/2x4.5	1/2x4.5	-	1/4	
02X	U	-	-	14	22	-	-	-	-	
02Y	U	-	-	14	25	-	-	-	-	
02Z	U	-	-	14	33	-	-	-	-	
02AA	U	-	-	14	37	-	-	-	-	
04A	S-ALT	24	24	-	-	-	-	-	-	PLACE STIFFENERS ON SOUTH SIDE OF PG
04B	S-ALT	26	12	-	-	-	-	-	-	PLACE STIFFENERS ON SOUTH SIDE OF PG
04C	S-ALT	18	32	-	-	-	-	-	-	PLACE STIFFENERS ON SOUTH SIDE OF PG
04D	S-ALT	29	29	-	-	-	-	-	-	PLACE STIFFENERS ON SOUTH SIDE OF PG
06A	S-ALT	29	29	-	-	-	-	-	-	PLACE STIFFENERS ON SOUTH SIDE OF PG
06B	S-ALT	26	12	-	-	-	-	-	-	PLACE STIFFENERS ON SOUTH SIDE OF PG
06C	S-ALT	18	32	-	-	-	-	-	-	PLACE STIFFENERS ON SOUTH SIDE OF PG
06D	S-ALT	60	30	-	-	-	-	-	-	PLACE STIFFENERS ON NORTH SIDE OF PG
06E	S-ALT	34	16	-	-	-	-	-	-	PLACE STIFFENERS ON NORTH SIDE OF PG
06F	S-ALT	36	16	-	-	-	-	-	-	
06G	S-ALT	24	24	-	-	-	-	-	-	
06A	S-ALT	28	28	-	-	-	-	-	-	
06B	S-ALT	44	32	-	-	-	-	-	-	
06C	S-ALT	42	34	-	-	-	-	-	-	
06D	S-ALT	64	34	-	-	-	-	-	-	
06A	U	67	36	-	-	-	-	-	-	
06B	U	24	24	-	-	-	-	-	-	
06C	U	22	14	-	16.5	-	-	-	-	
06D	S	18	18	-	-	-	-	-	-	
06E	S	36	28	-	-	-	-	-	-	
06F	U	56	30	-	-	-	-	-	-	
06G	U	54	30	-	-	-	-	-	-	
06H	S	60	32	-	-	-	-	-	-	
06I	S	24	32	-	32.75	-	-	-	-	
06J	S	17	30	-	-	-	-	-	-	
06K	U	32	16	-	-	-	-	-	-	
06L	S	36	20	-	35	-	-	-	-	
06M	S	67	36	-	-	-	-	-	-	
06N	U	36	24	-	-	-	-	-	-	
06O	S	38	26	-	-	-	-	-	-	
06P	S	34	22	-	-	-	-	-	-	
06Q	S	16	16	-	-	-	-	-	-	
06R	S	21	21	-	-	-	-	-	-	PLACE STIFFENERS ON SOUTH SIDE OF PG
06S	S	12	12	-	-	-	-	-	-	PLACE STIFFENERS ON SOUTH SIDE OF PG
06T	S	50	36	-	-	-	-	-	-	
06U	S-ALT	67	36	-	-	1/2x4.5	1/2x4.5	1/2x4.5	1/4	
06V	U	32	18	-	-	-	-	-	-	
06W	S	24	18	-	-	-	-	-	-	
06X	S	24	30	-	-	-	-	-	-	
06Y	U	24	16	-	16.5	-	-	-	-	
06Z	U	40	26	-	-	-	-	-	-	
06AA	U	64	30	-	-	-	-	-	-	
06AB	S	56	30	-	-	-	-	-	-	
06AC	S	20	14	-	-	-	-	-	-	
06AD	U	24	16	-	-	-	-	-	-	
06AE	S	24	16	-	-	-	-	-	-	

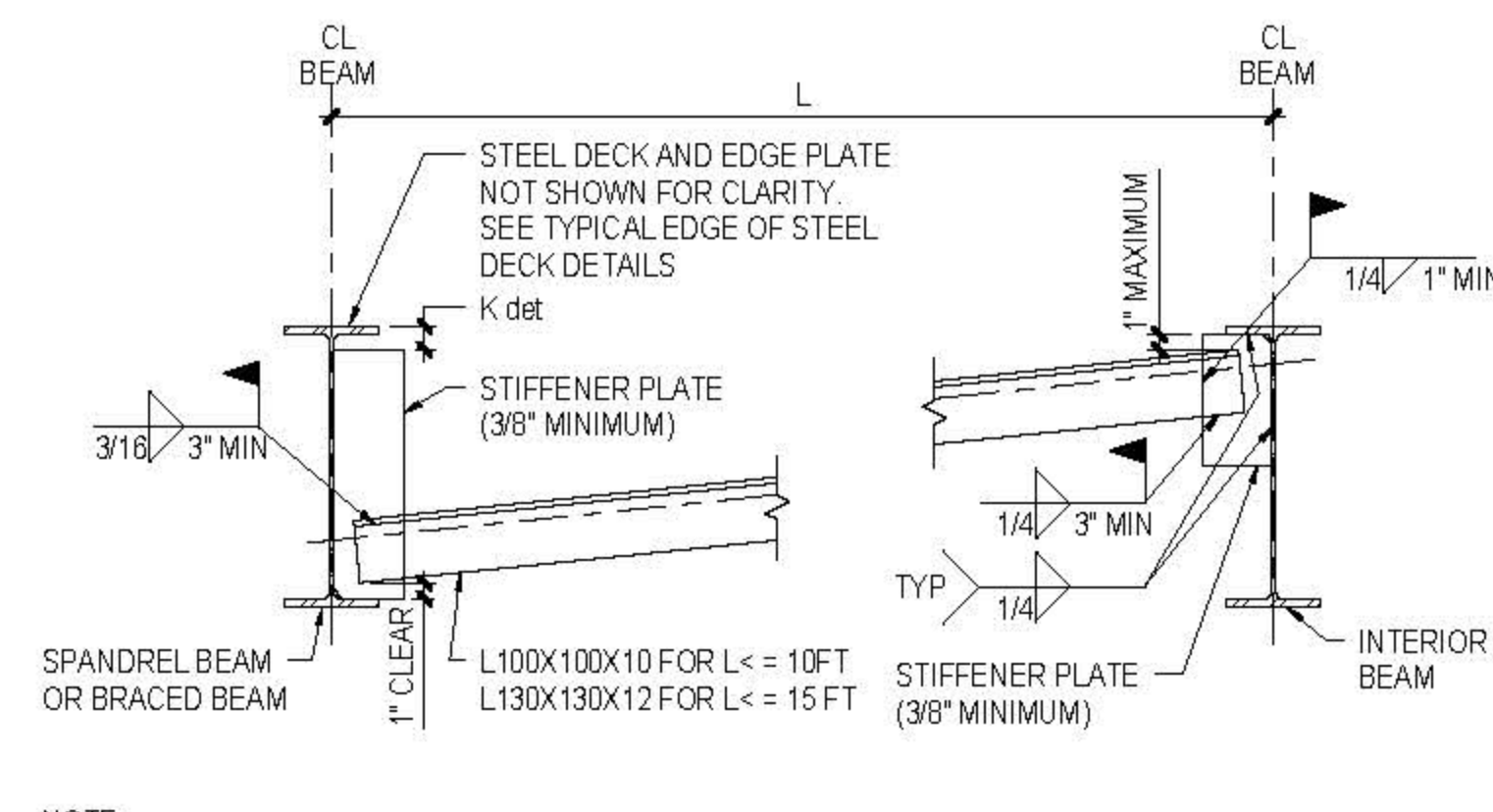


- NOTES:
- SIZE OF WELD ASSUMES SHELDED METAL ARC WELDING (SMAW)
 - ALL WELDS ARE CONTINUOUS UN
 - PLATE GIRDER DESIGNED FOR THE FOLLOWING PLATE GRADE:
If $t_w \leq 4"$, ASTM A572 Fy = 50 KSI
If $4 < t_w \leq 6"$, ASTM A572 Fy = 42 KSI
If $6 < t_w \leq 8"$, ASTM A572 Fy = 36 KSI

MARK	d (in)	FLANGE		WEB	WELD	REMARKS
		tf (in)	tf (in)			
PG8X24	8	6.5	0.375	25	3/16	TYPE 1
PG10X19	10.25	4.00	0.500	0.25	5/16	TYPE 1
PG12X45	12	8.00	0.625	0.375	5/16	TYPE 1
PG18X71	18.5	7.625	0.875	0.50	3/8	TYPE 1
PG24X117	24.25	12.75	0.875	0.625	1/2	TYPE 1
PG24X162	25	13.00	1.25	0.75	9/16	TYPE 1
PG27X178	27.75	14.00	1.25	0.75	9/16	TYPE 1
PG27X194	28	14.00	1.50	0.75	9/16	TYPE 1
PG30X108	30	10.50	0.75	0.625	1/2	TYPE 1
PG30X173	30.5	15.00	1.25	0.625	1/2	TYPE 1
PG30X211	31	15.00	1.50	0.75	9/16	TYPE 1
PG36X150	36	12.00	1.00	0.625	1/2	TYPE 1
PG36X210	36.75	12.25	1.50	0.75	9/16	TYPE 1
PG6.5	9.5	10.5	0.625	0.375	1/4	TYPE 1
PG18X85	18.5	7.625	0.75	0.50	5/16	TYPE 1
PG14X189	15.5	15.75	1.50	0.875	5/8	TYPE 1
PG60.6	60	24.00	2.00	1.00	3/4	TYPE 1

2 TYPICAL PLATE GIRDER DETAIL AND SCHEDULE

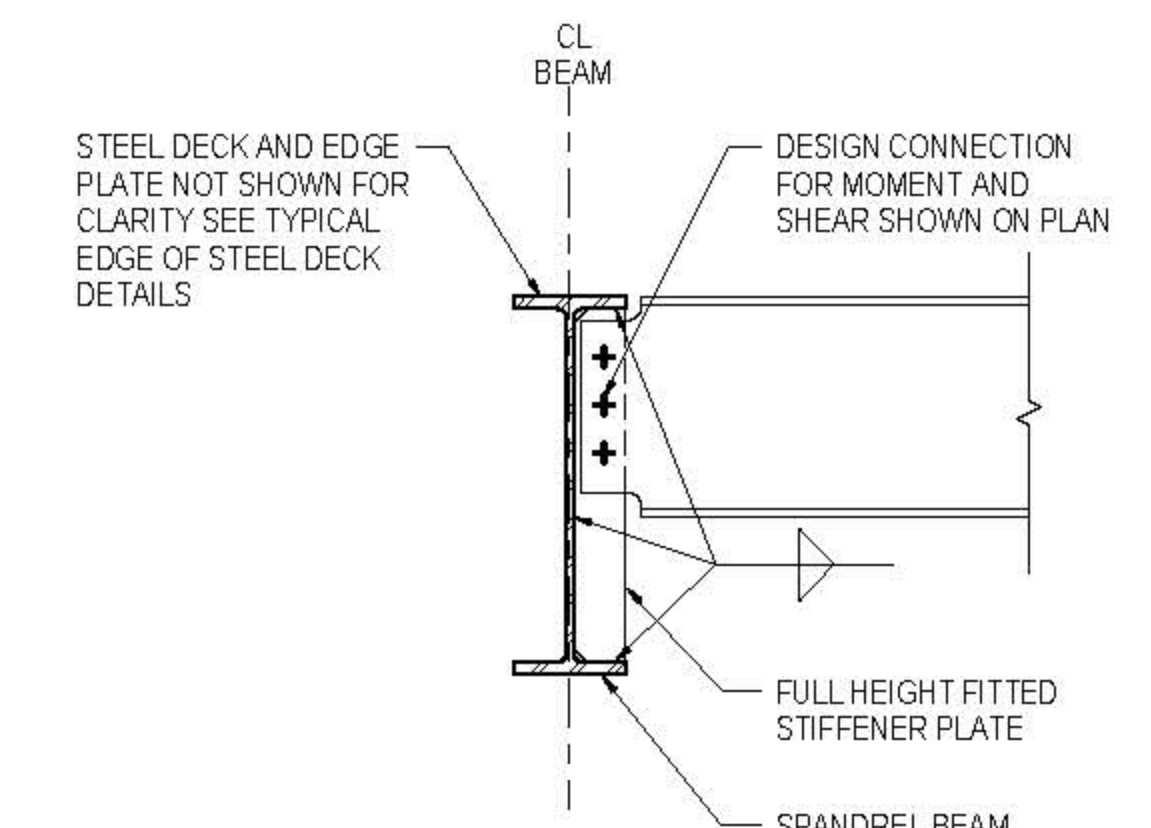
NOT TO SCALE



- NOTE:
- SEE PLAN FOR LOCATIONS OR SPACING

3 TYPICAL SPANDREL OR BRACED BEAM KICKER CONNECTION

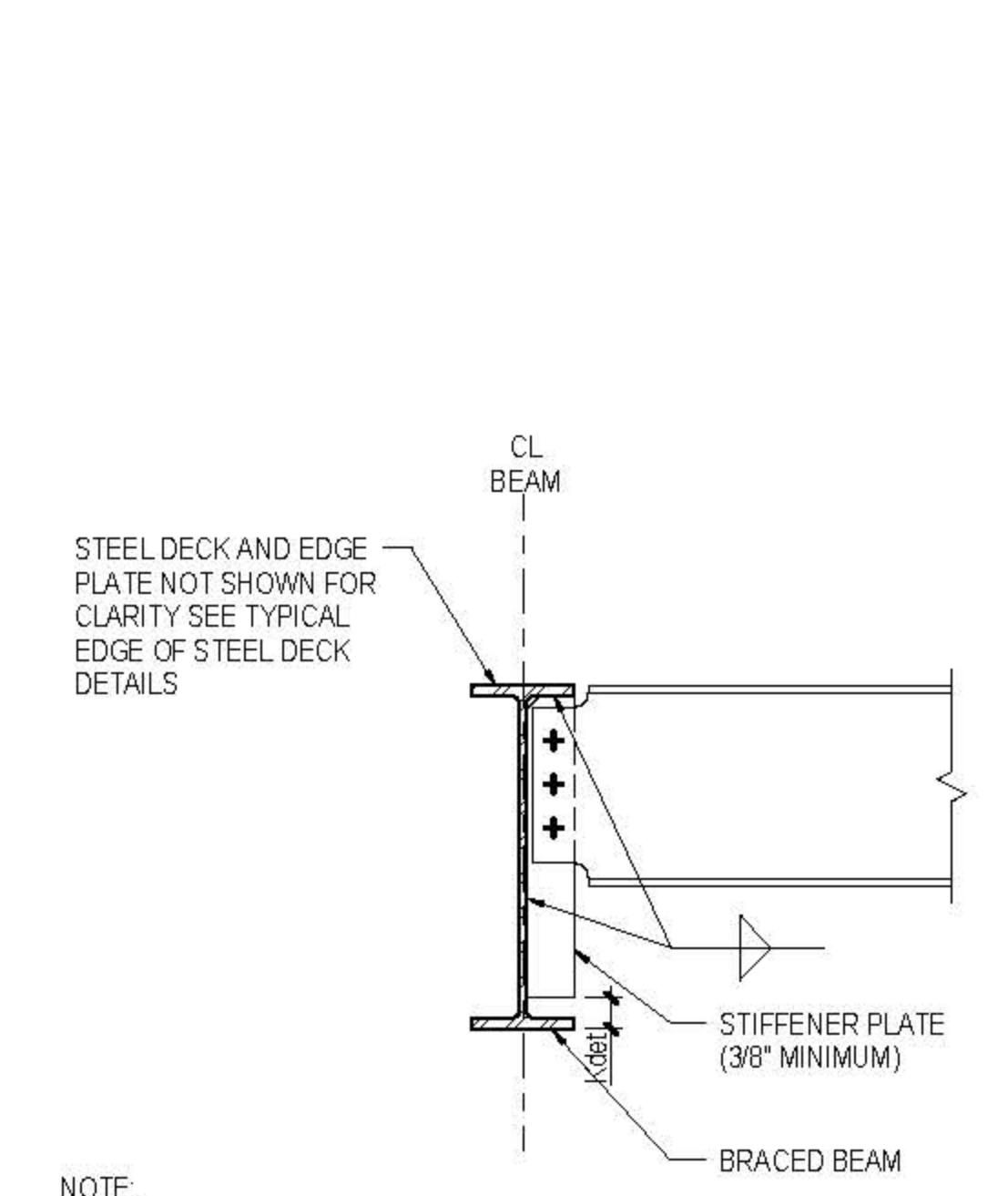
NOT TO SCALE



- NOTE:
- SEE PLAN FOR LOCATIONS

4 TYPICAL FULL HEIGHT FITTED STIFFENER AT SPANDREL OR BRACED BEAM CONNECTION

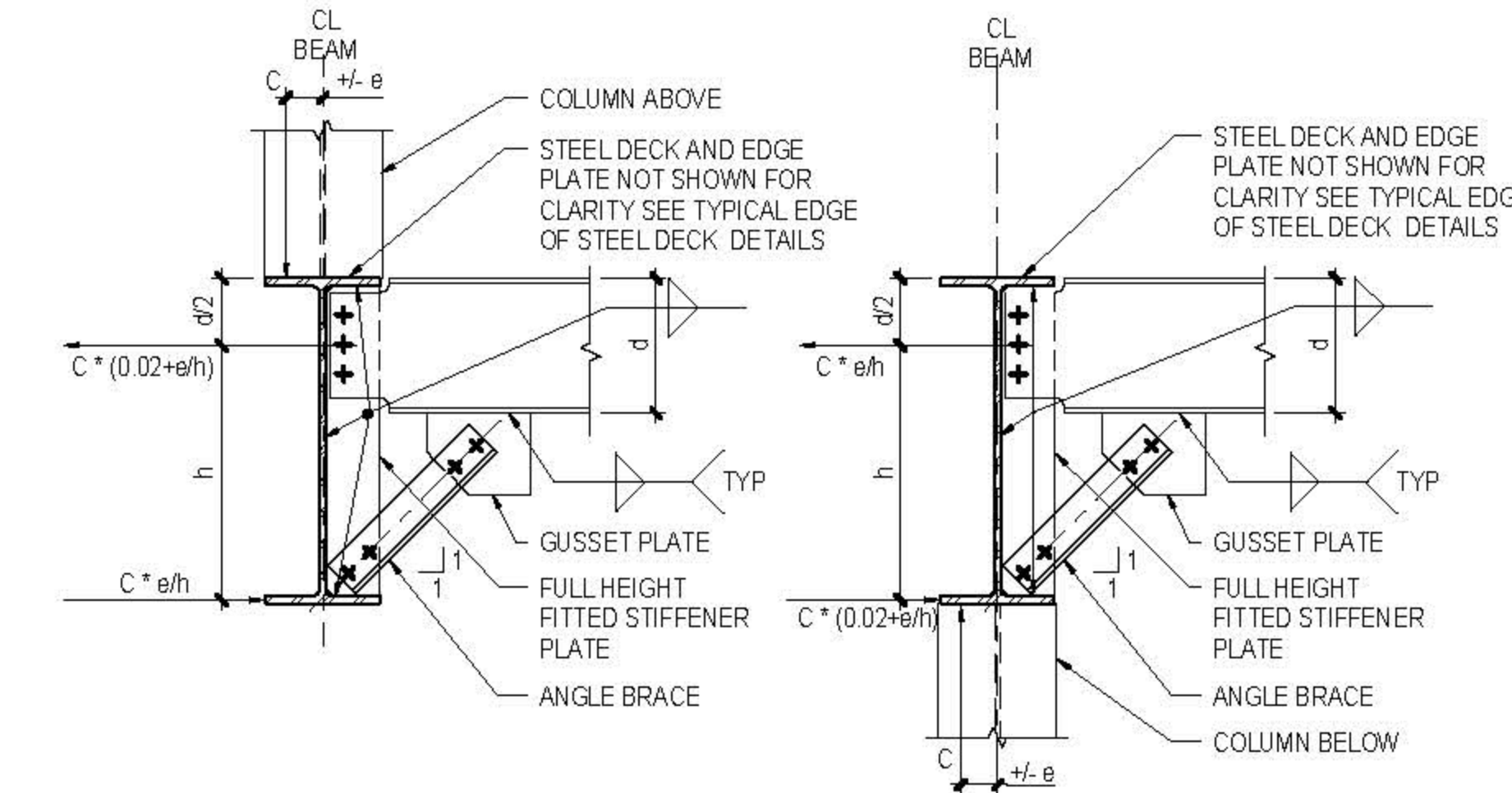
NOT TO SCALE



- NOTE:
- SEE PLAN FOR LOCATIONS

5 TYPICAL FULL HEIGHT UNFITTED STIFFENER AT BRACED BEAM CONNECTION

NOT TO SCALE



- NOTES:
- DESIGN CONNECTION FOR FORCES BASED ON COLUMN AXIAL LOAD AS SHOWN AND FOR FORCES SHOWN ON COLUMN
 - C = COLUMN AXIAL FORCE
e = 1/2" ACCIDENTAL ECCENTRICITY

COLUMN ABOVE

COLUMN BELOW

Damian Titus
Professional Engineer
No. 13092

DATE: 09/29/2016
TIME: 10:00 AM
PROJECT: CULTURE SHED

1 BEAM WEB PENETRATION SCHEDULE

NOT TO SCALE

- NOTES:
- TYPE REFERS TO TYPICAL BEAM WEB PENETRATION DETAILS.
 - THE MINIMUM CLEAR SPACE BETWEEN TWO ADJACENT PENETRATIONS SHALL BE GREATER OF THE LARGEST PENETRATION DIMENSION OR TWO TIMES THE BEAM DEPTH UN.
 - SEE STRUCTURAL DRAWINGS FOR QUANTITY AND LOCATIONS OF PENETRATIONS ALL BEAM PENETRATIONS SHALL BE SHOWN ON THE SHOP DRAWINGS FOR REVIEW BY THE ARCHITECT/ENGINEER. NO PENETRATIONS SHALL BE MADE WITHOUT PRIOR REVIEW OF THE ARCHITECT/ENGINEER.
 - SEE TYPICAL COMPOSITE STEEL DECK DETAIL AT BEAM WEB PENETRATIONS WITH ADDITIONAL STUDS AND SLAB REINFORCEMENT.

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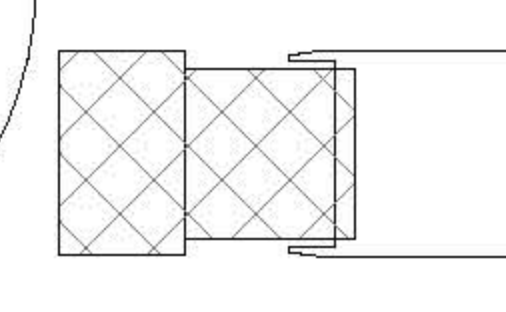
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KEY PLAN



ISSUE PRINTING DATE

01	01	01B AMENDMENT 7	08.19.2015
11	5	ADV. PROCUREMENT ADDENDUM 6	04.10.2015
10	4	100% CONSTRUCTION DOCUMENTS	03.18.2015

STAMP



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Audrey

CHECKED BY
Chris

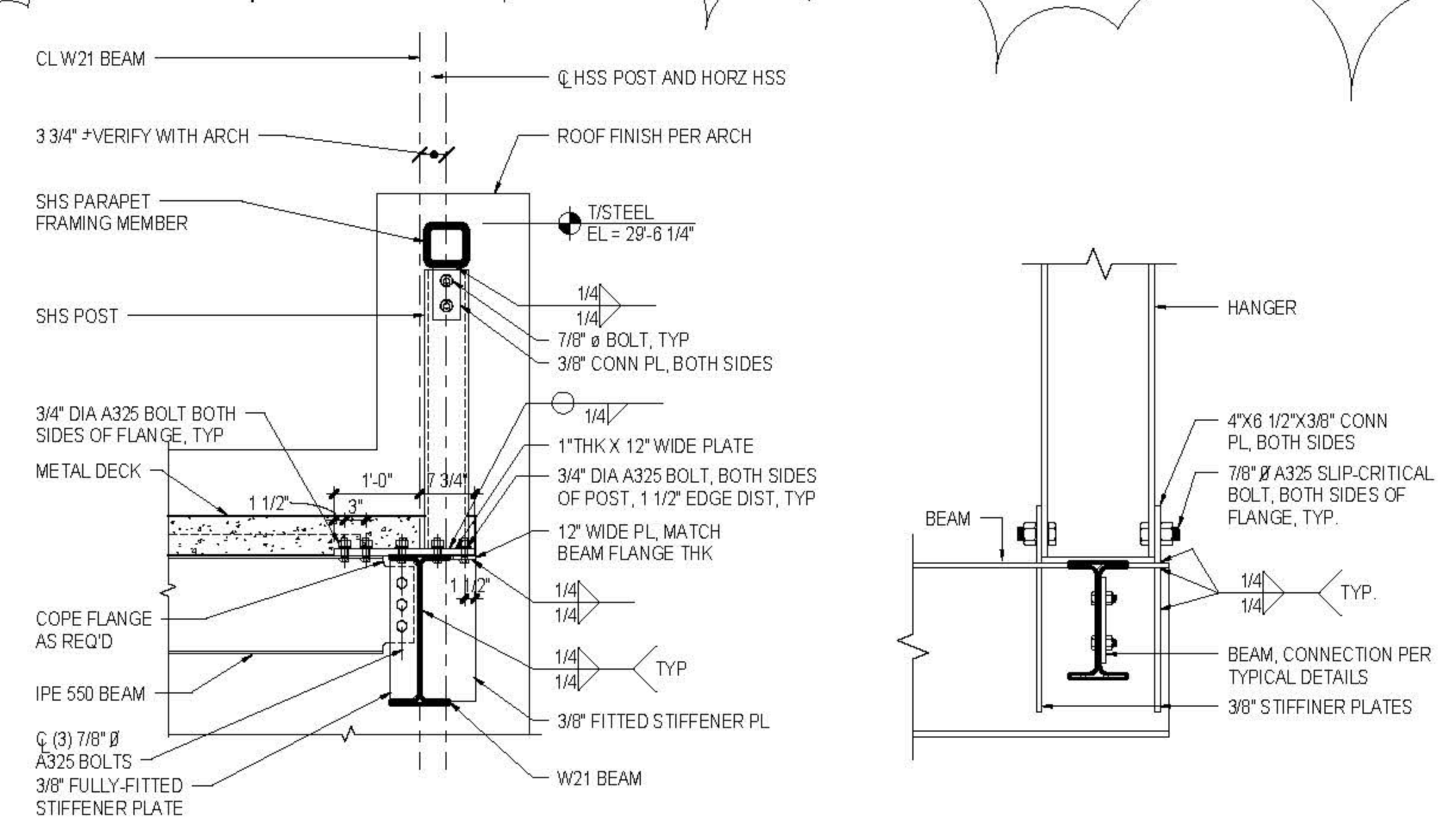
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N1318.00

TITLE
SECTIONS AND DETAILS, FKED BUILDING LOBBY II

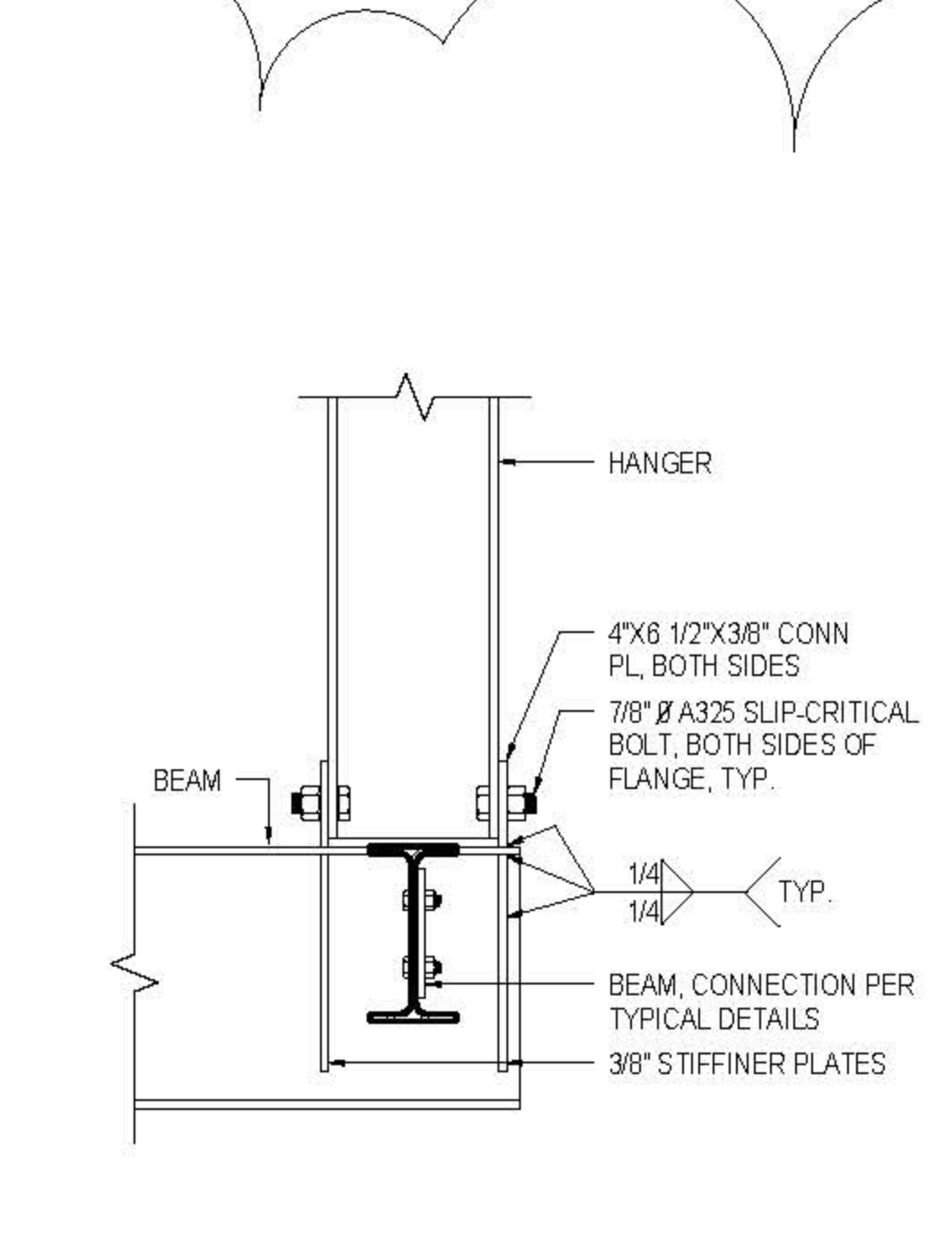
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8-721B.01

B.SCAN NO.
S-722.01

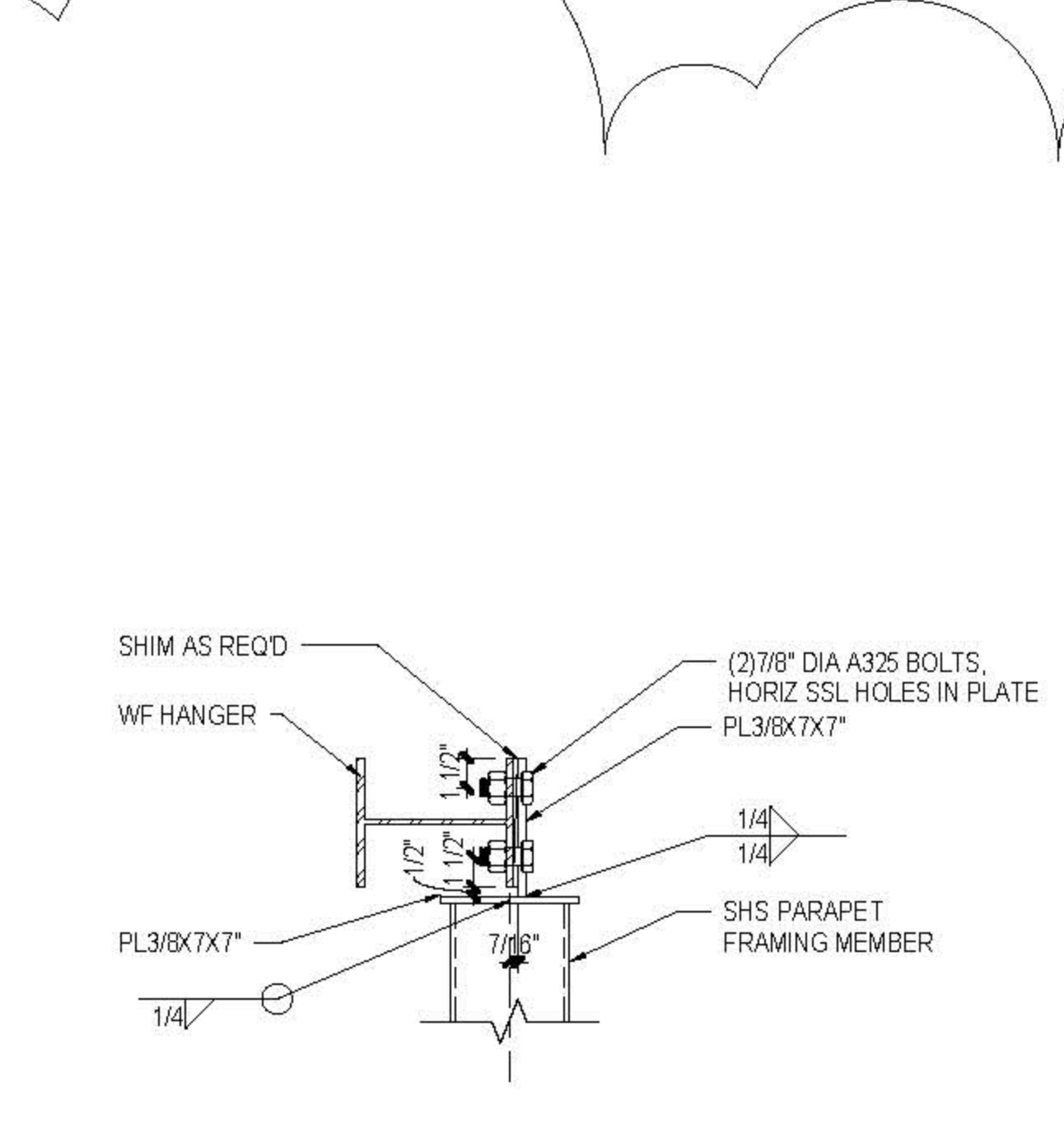
80 of 123



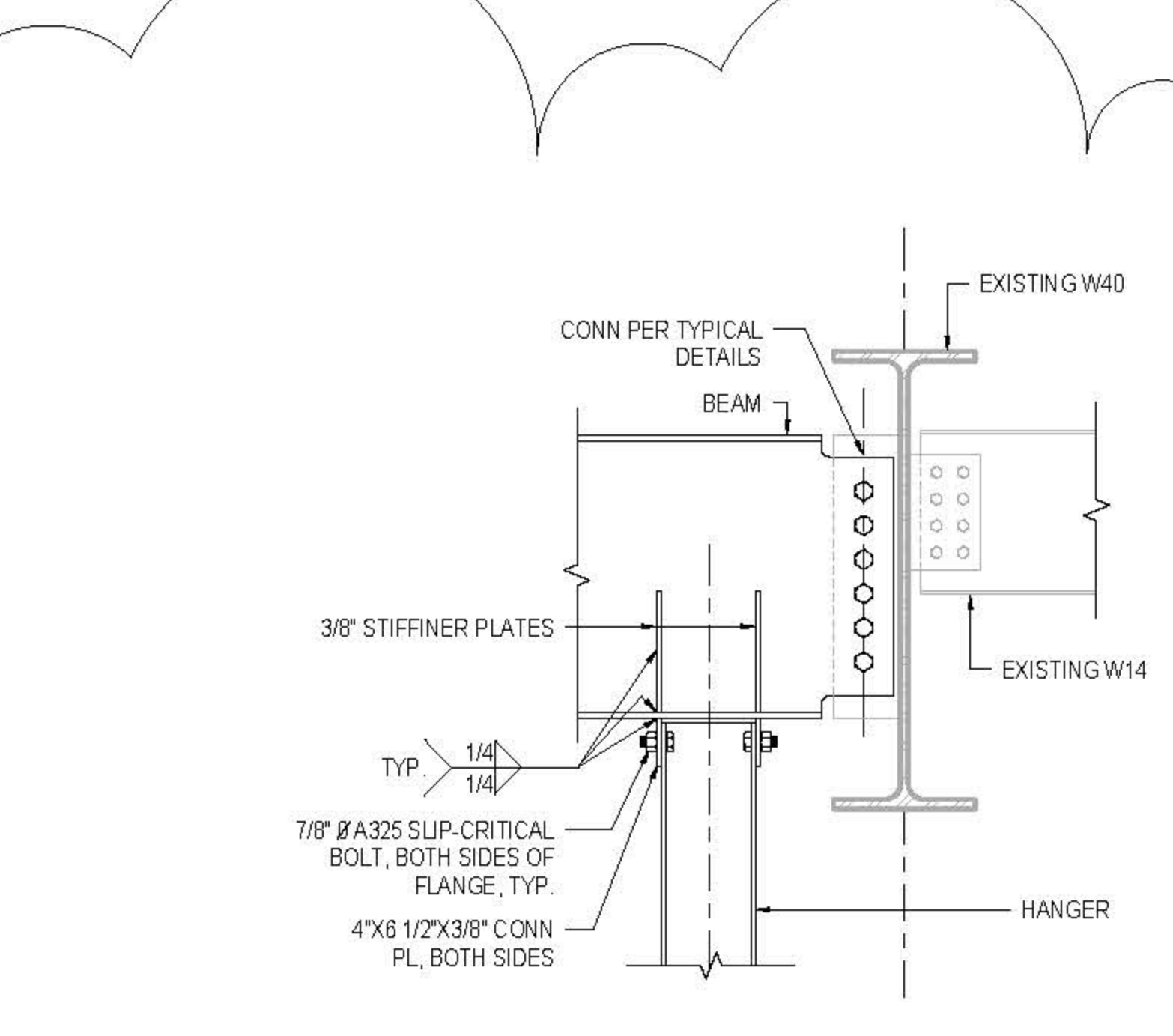
1 EAST PARAPET SHS CONN TO SHS POST
1/4" = 1'-0"



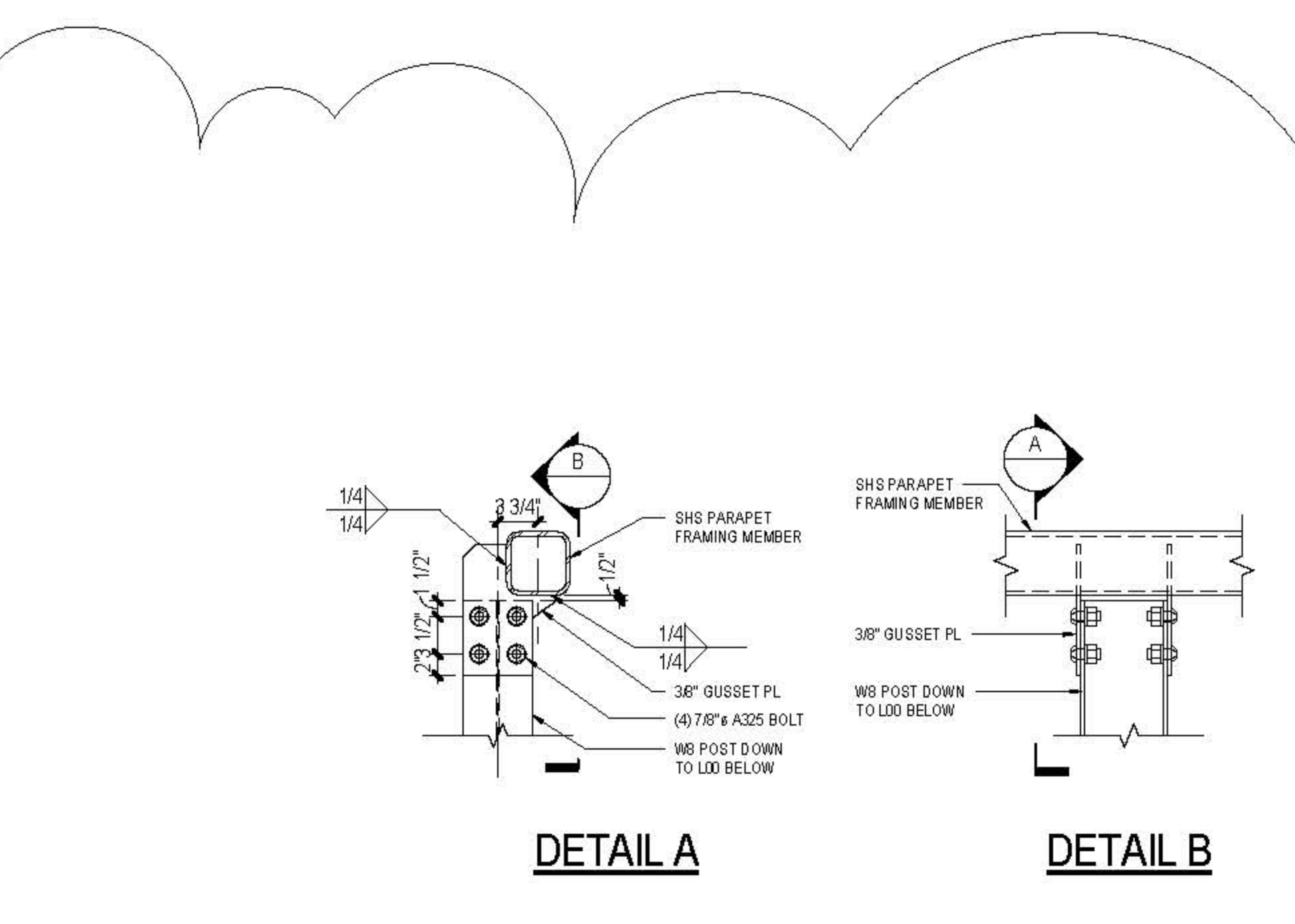
2 SECTION AT WF HANGER
1 1/2" = 1'-0"



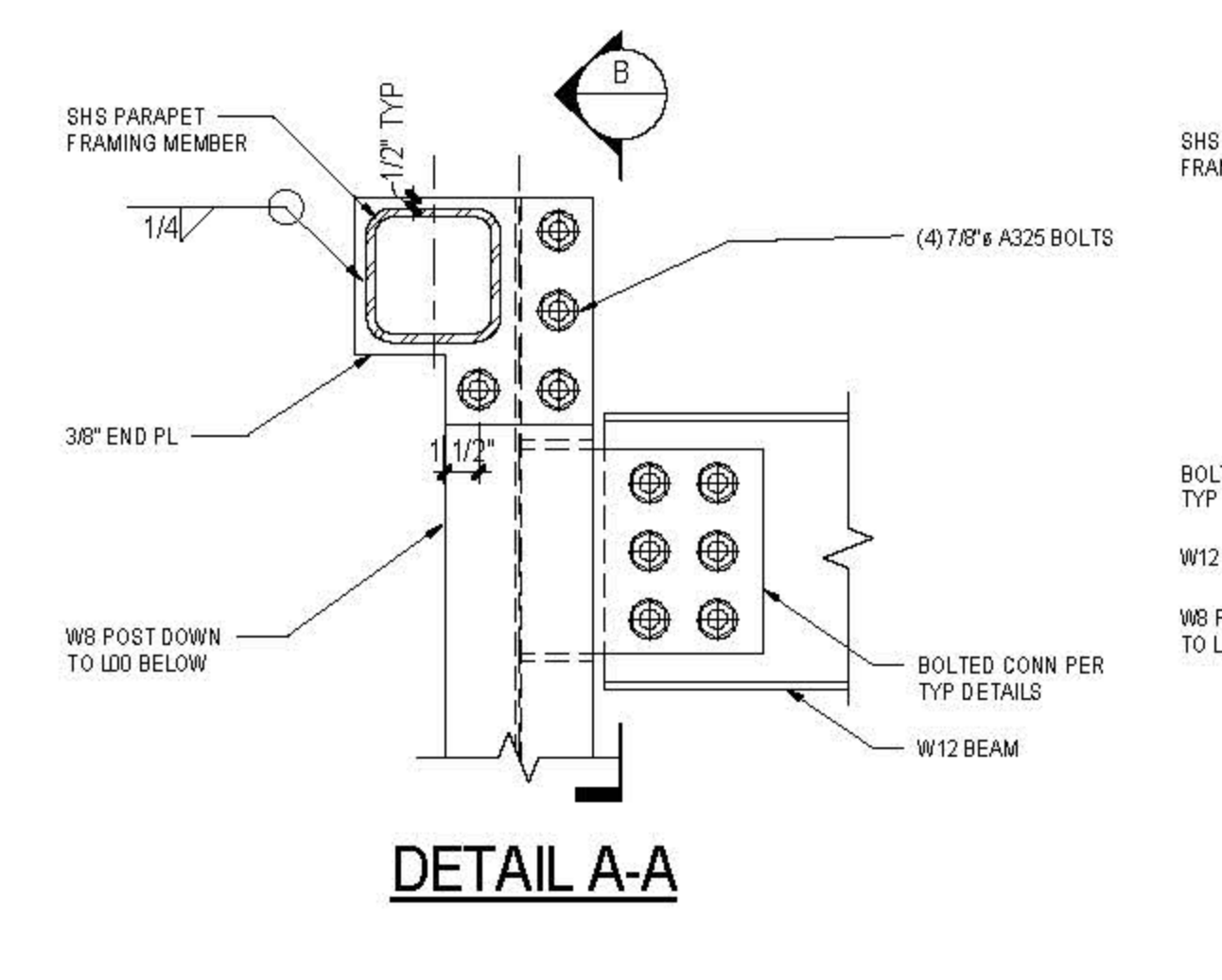
3 EAST PARAPET CONN TO WF HANGER
1 1/2" = 1'-0"



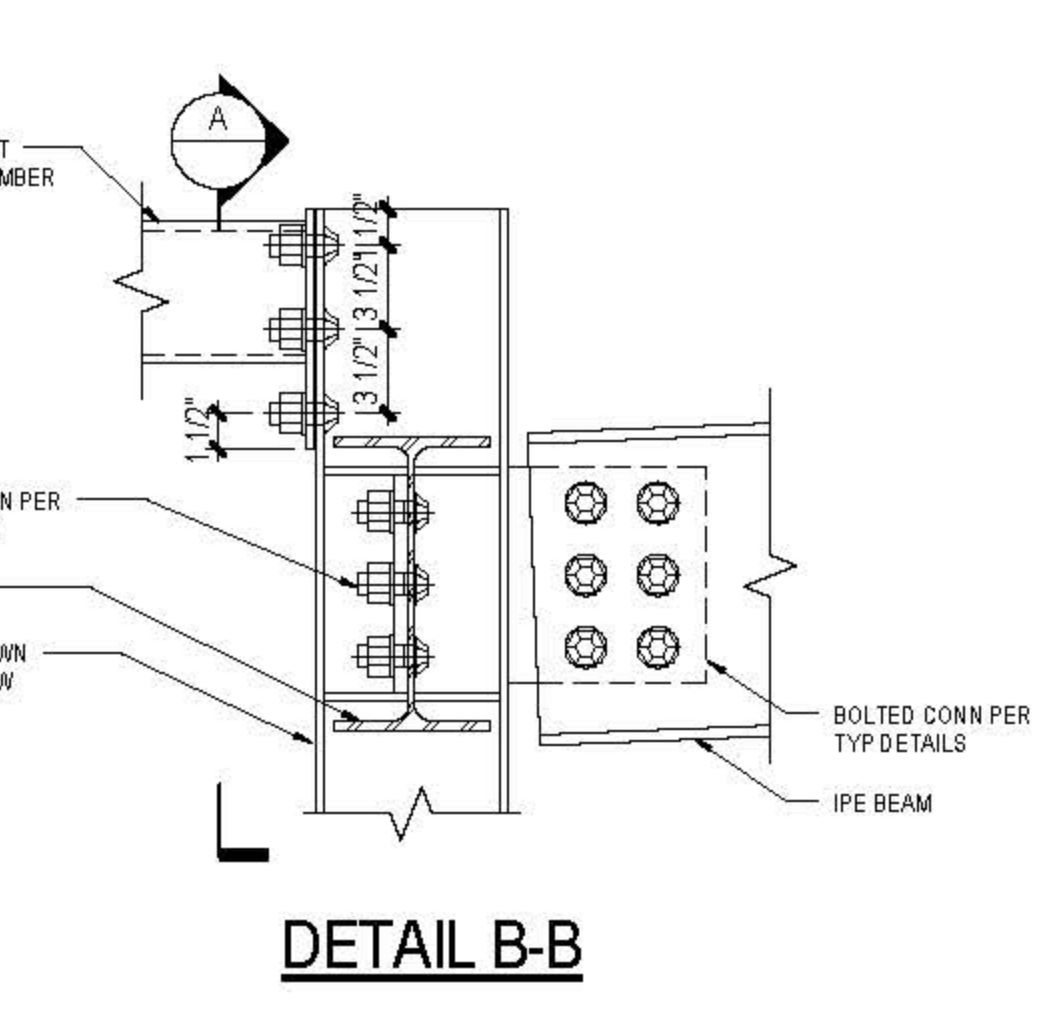
4 SECTION AT WF HANGER
1" = 1'-0"



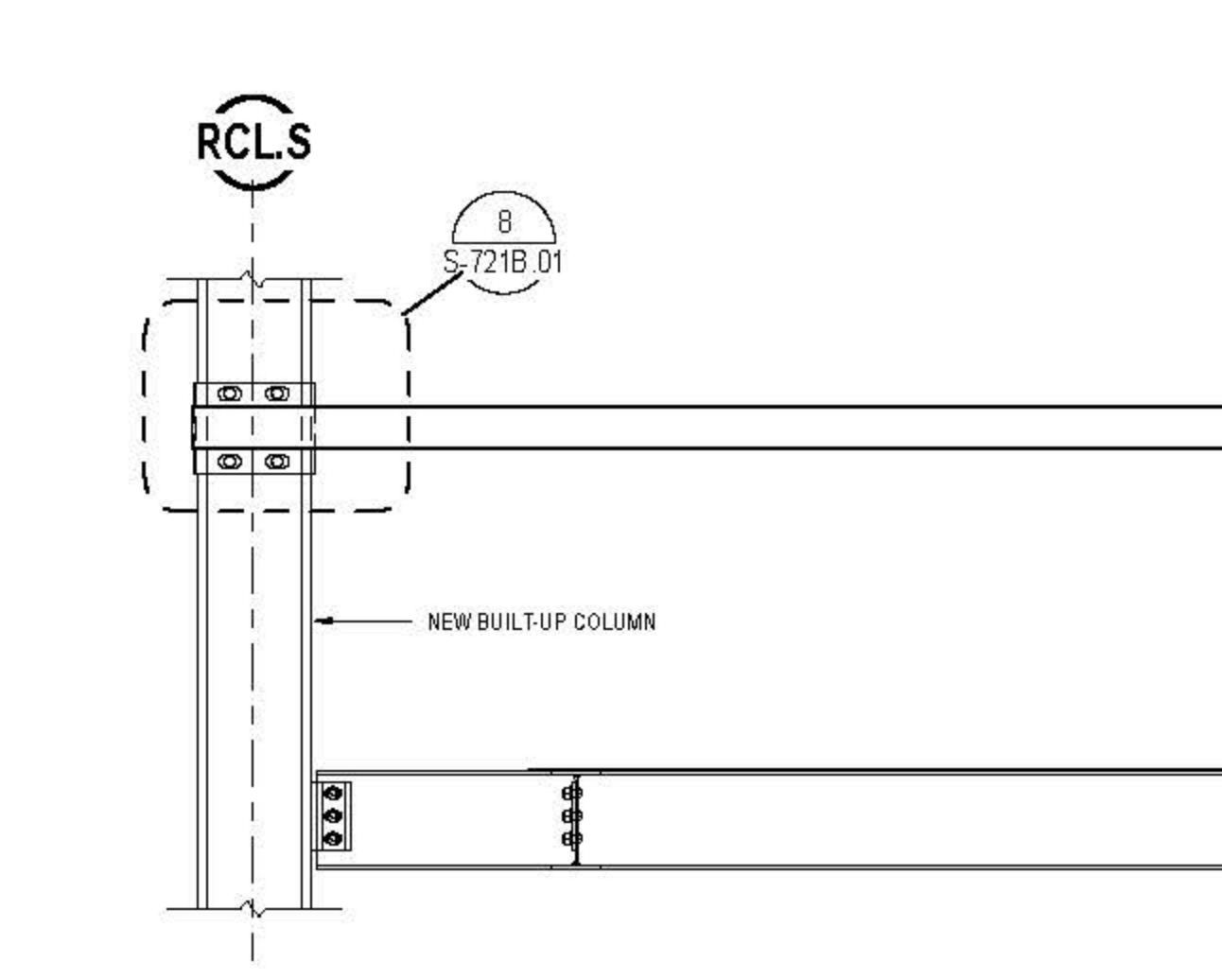
5 EAST PARAPET SHS CONN TO W8 COLUMN
1" = 1'-0"



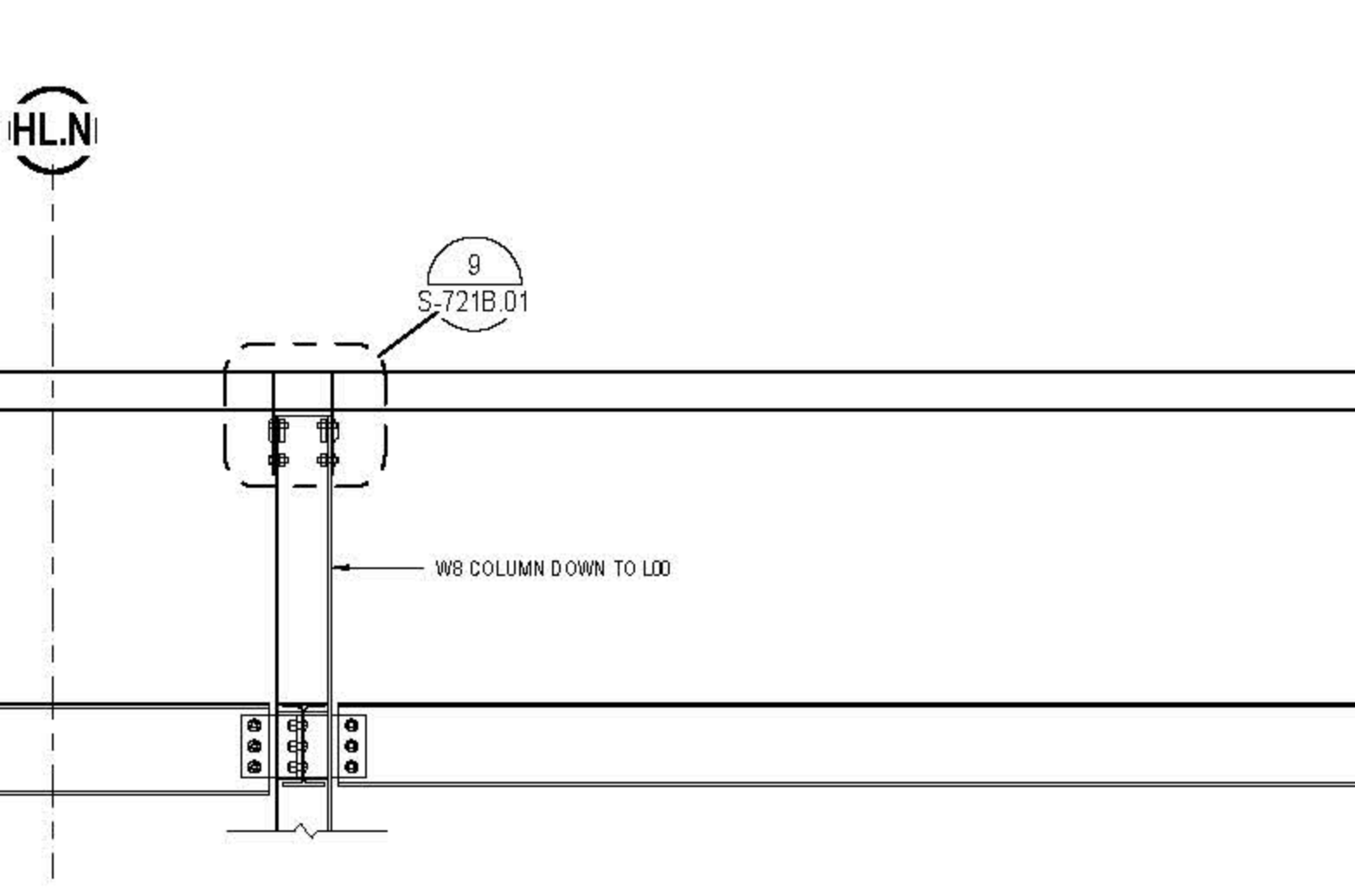
6 EAST PARAPET CONN TO WF HANGER
1 1/2" = 1'-0"



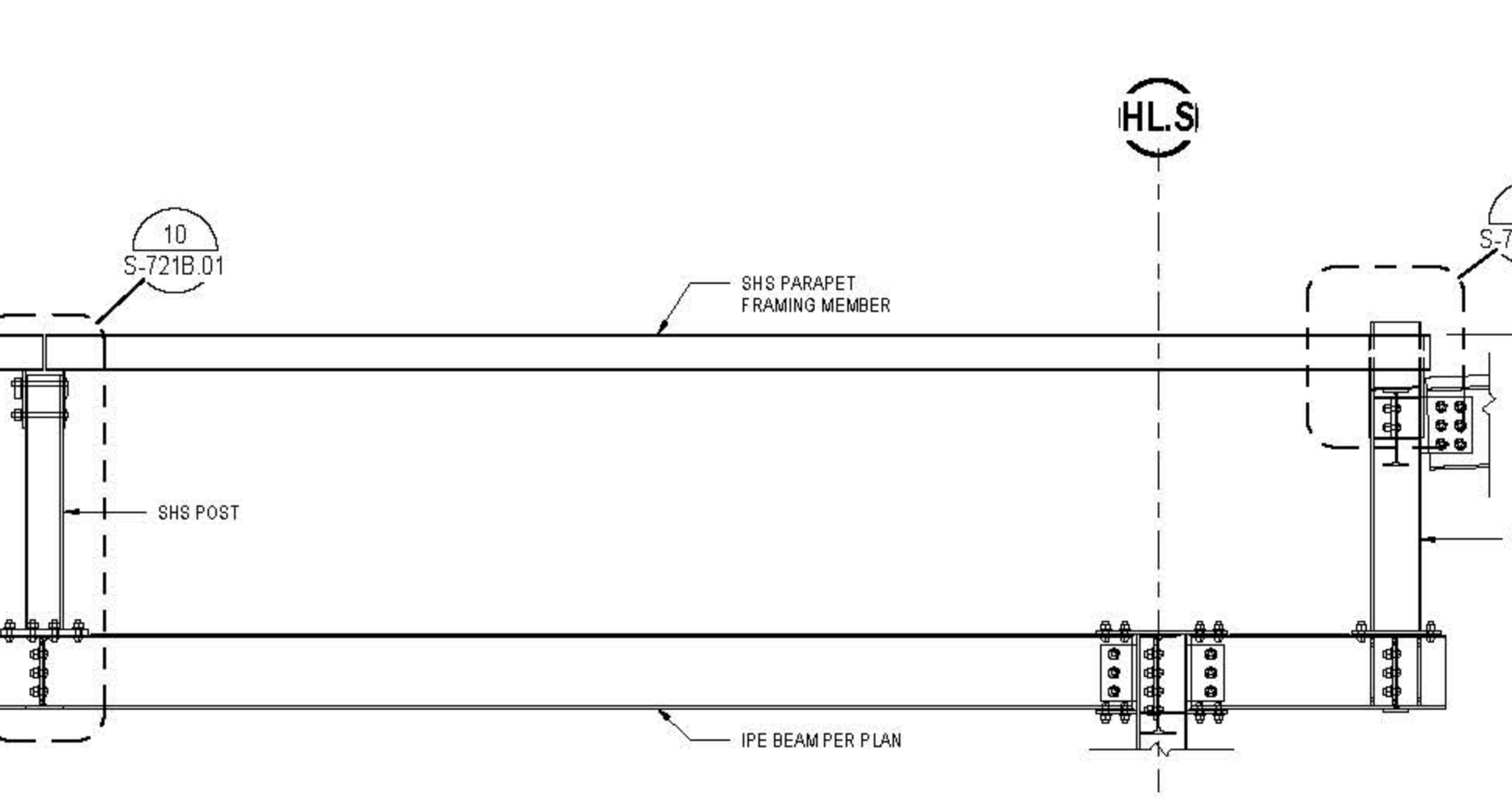
7 WEST LOBBY ROOF FRAMING ELEVATION
1/2" = 1'-0"



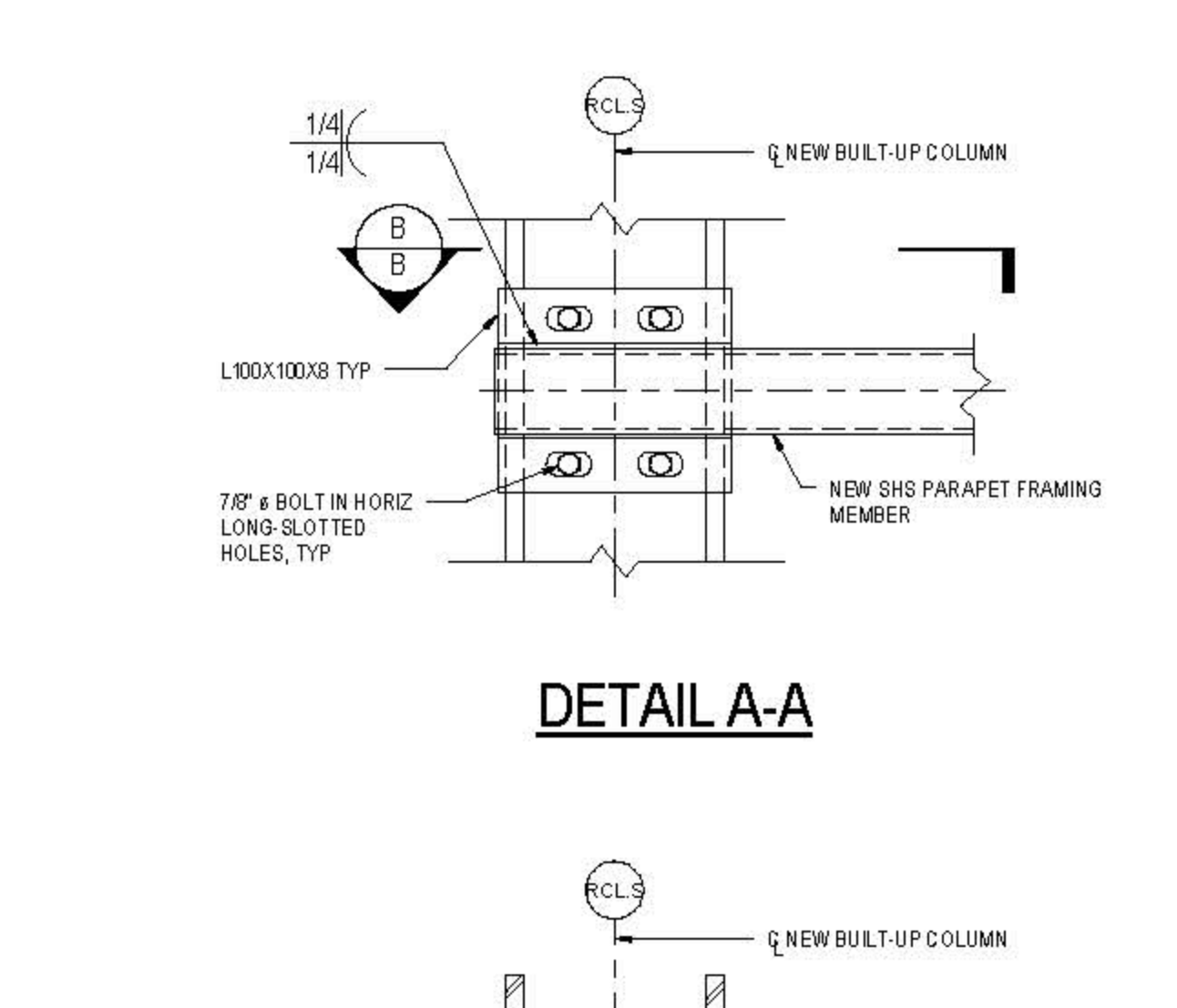
8 PARAPET SHS CONN TO BUILT-UP COLUMN
1" = 1'-0"



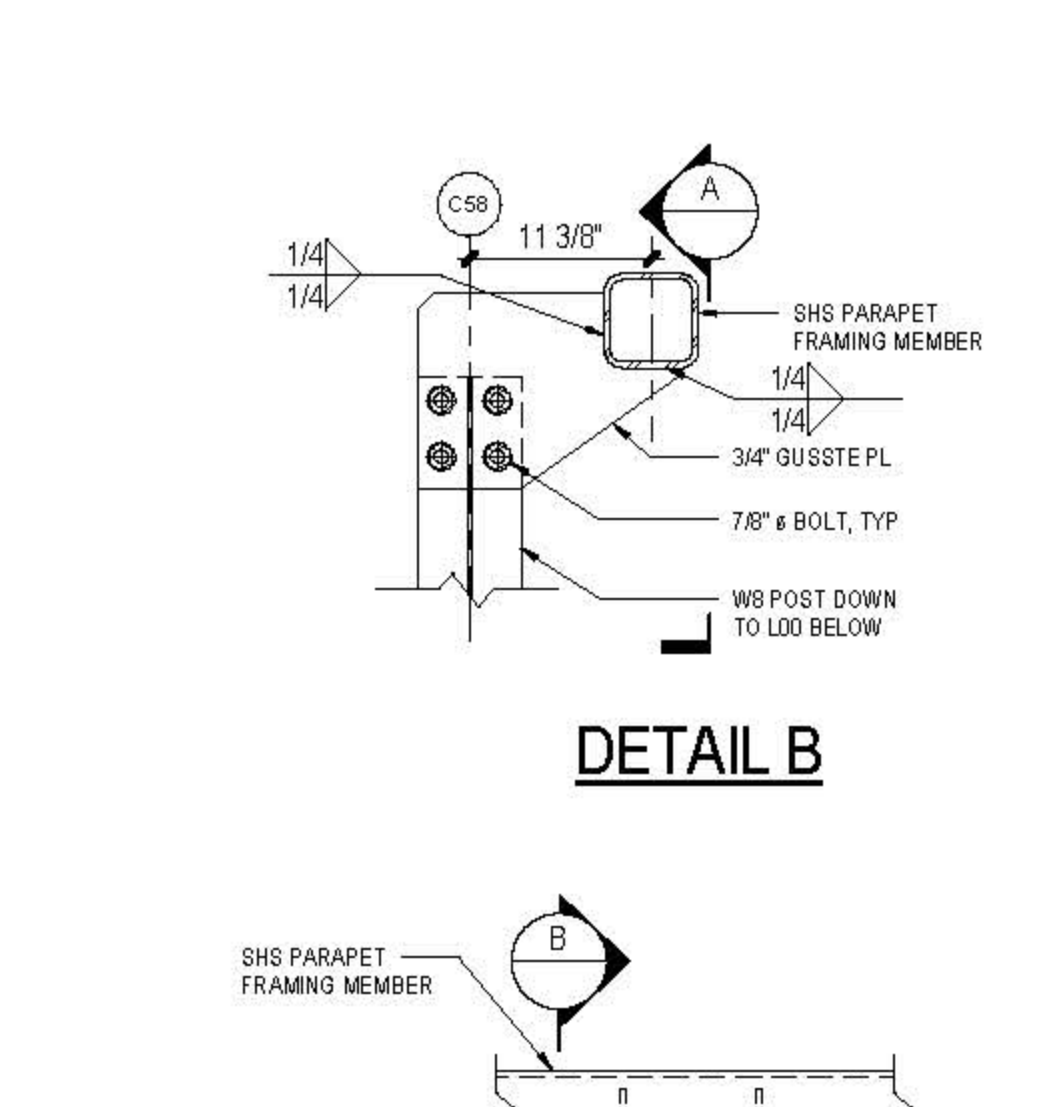
9 PARAPET SHS CONN TO W8 COLUMN
1" = 1'-0"



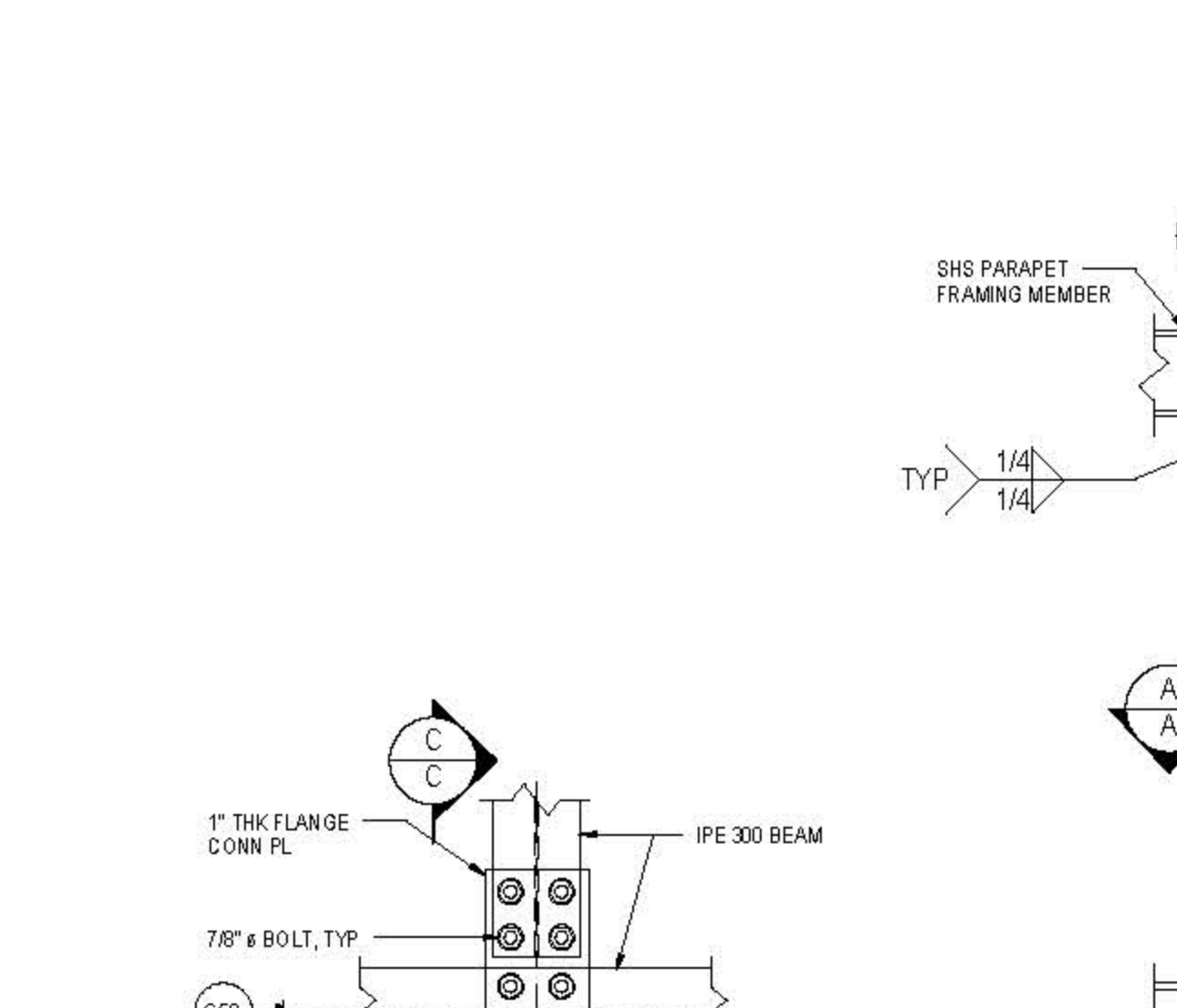
10 PARAPET SHS CONN TO SHS POST
1" = 1'-0"



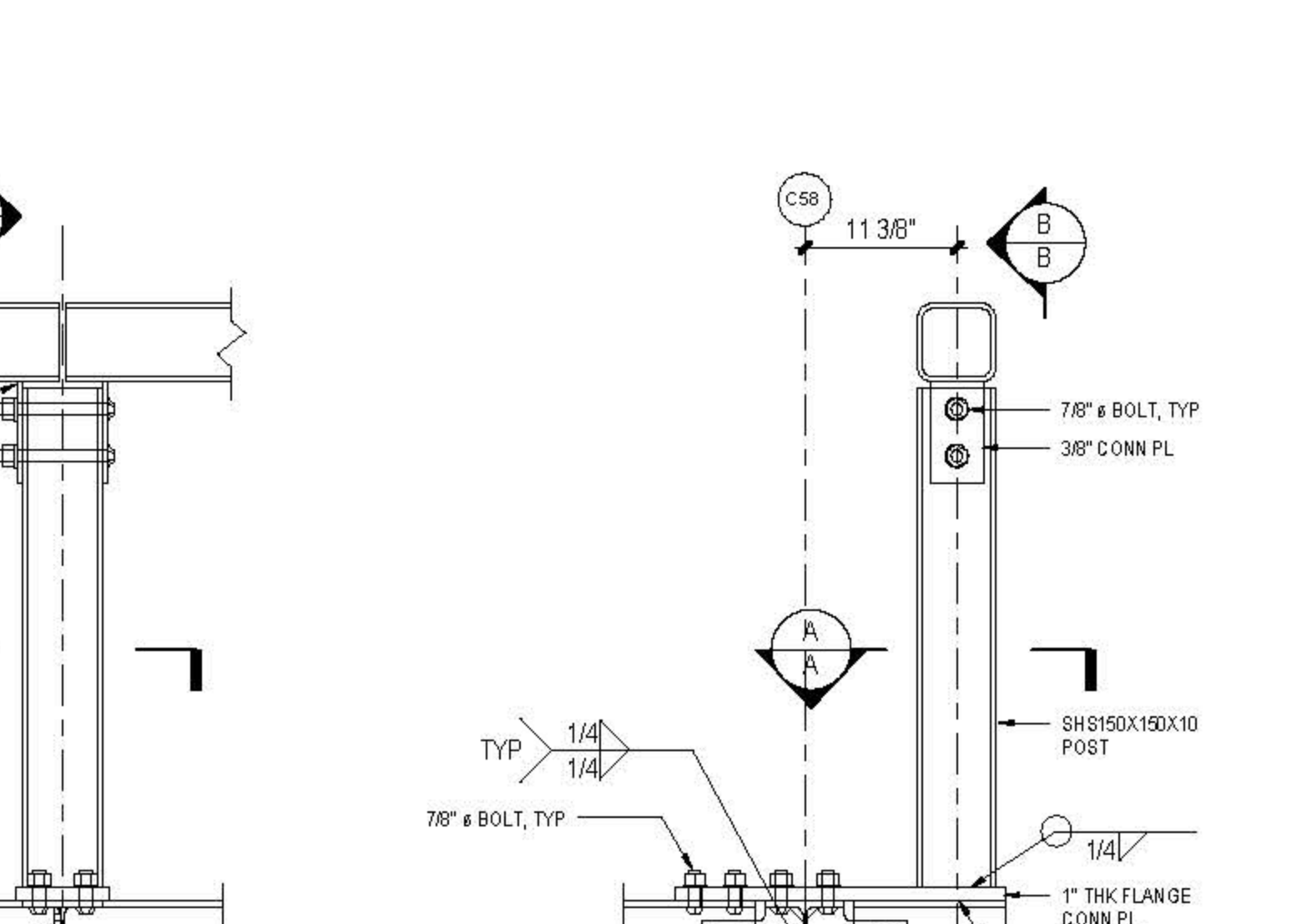
11 PARAPET SHS CONN TO W8 POST
1" = 1'-0"



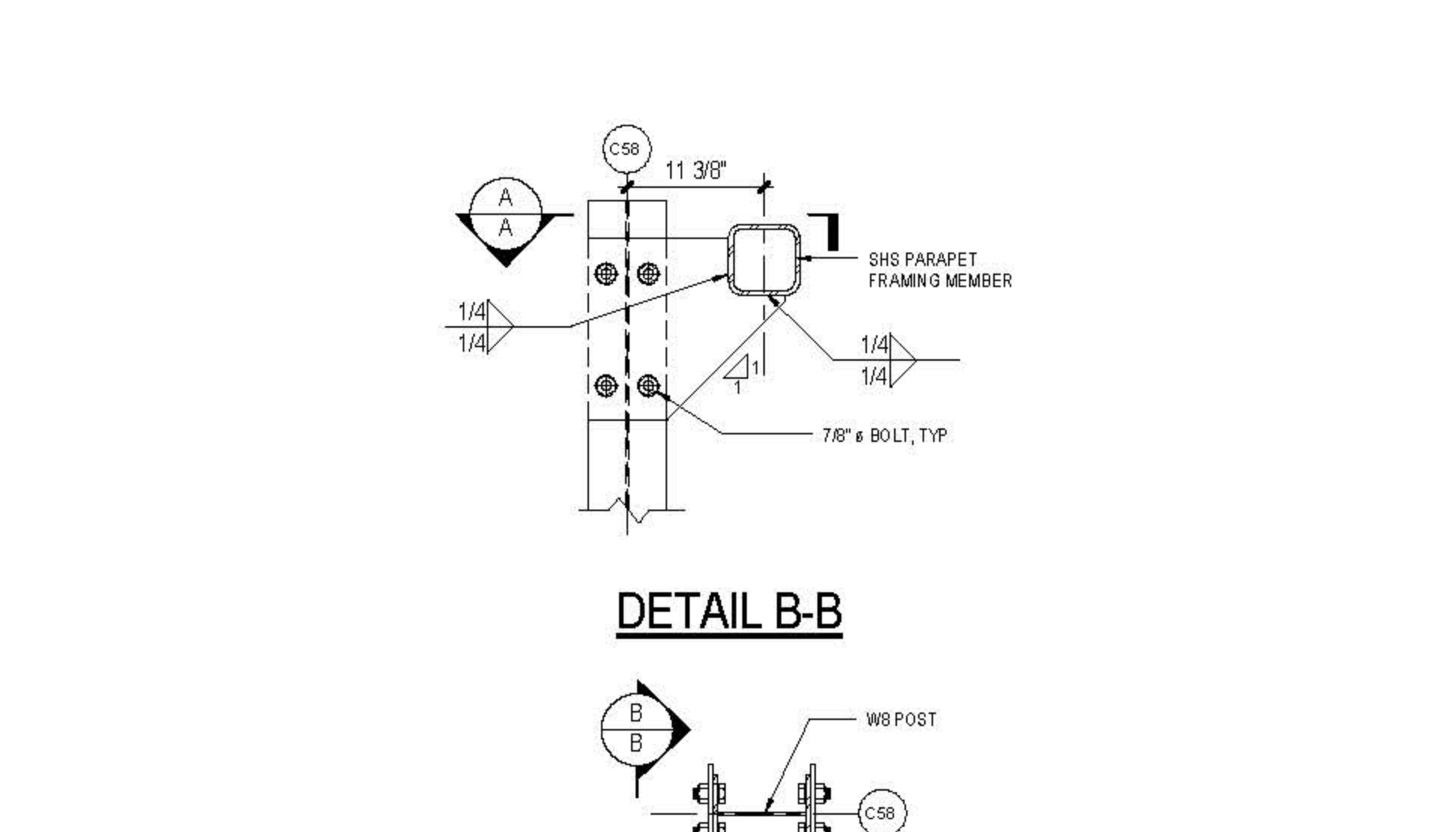
12 PARAPET SHS CONN TO BUILT-UP COLUMN
1" = 1'-0"



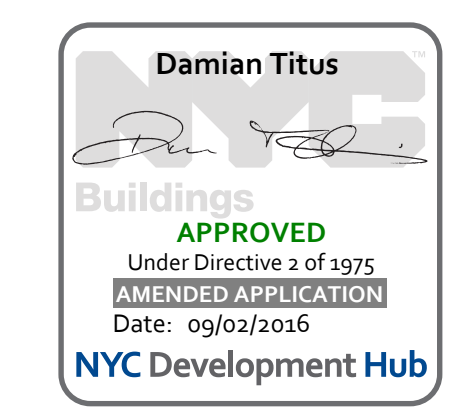
13 PARAPET SHS CONN TO W8 COLUMN
1" = 1'-0"



14 PARAPET SHS CONN TO SHS POST
1" = 1'-0"



15 PARAPET SHS CONN TO W8 POST
1" = 1'-0"



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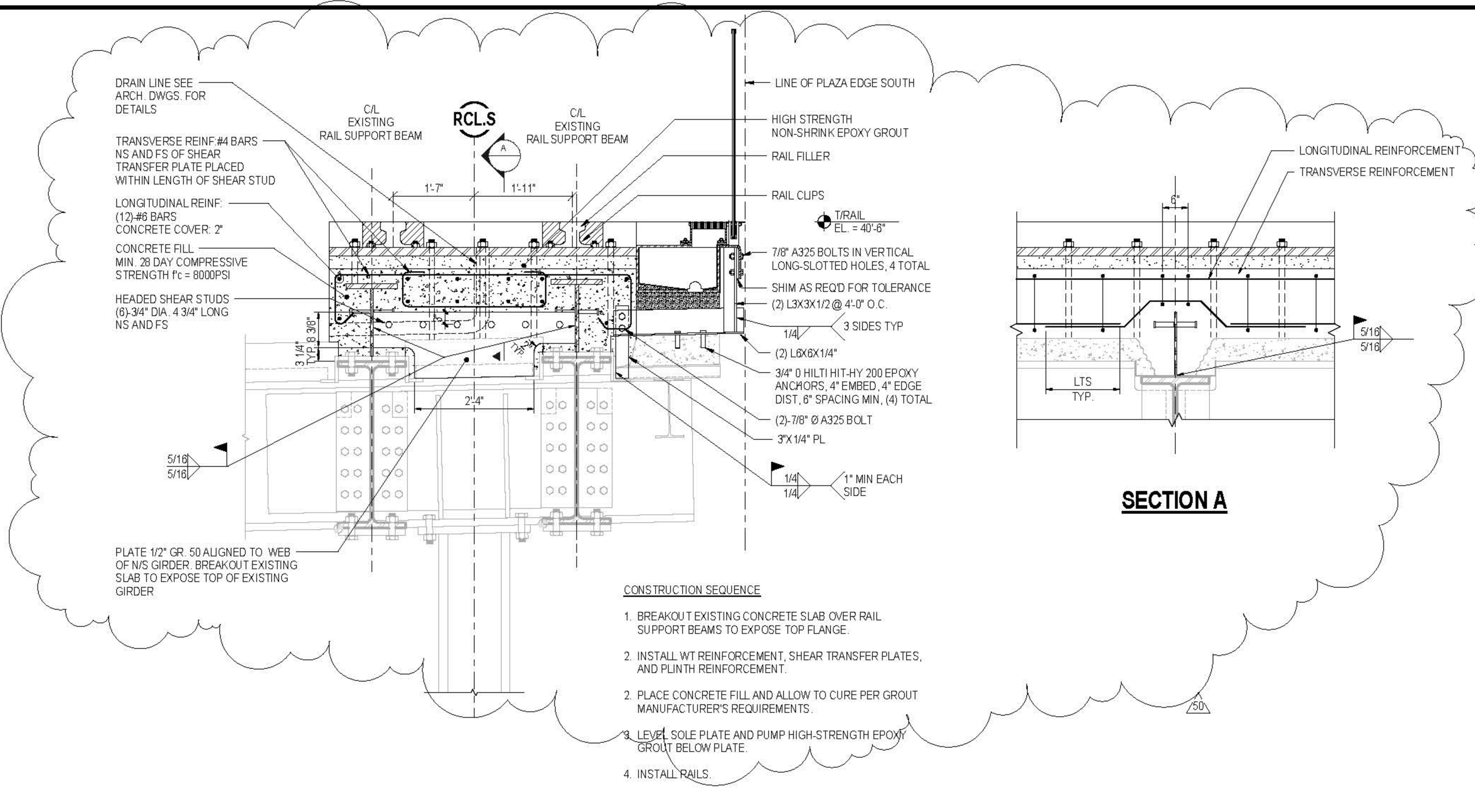
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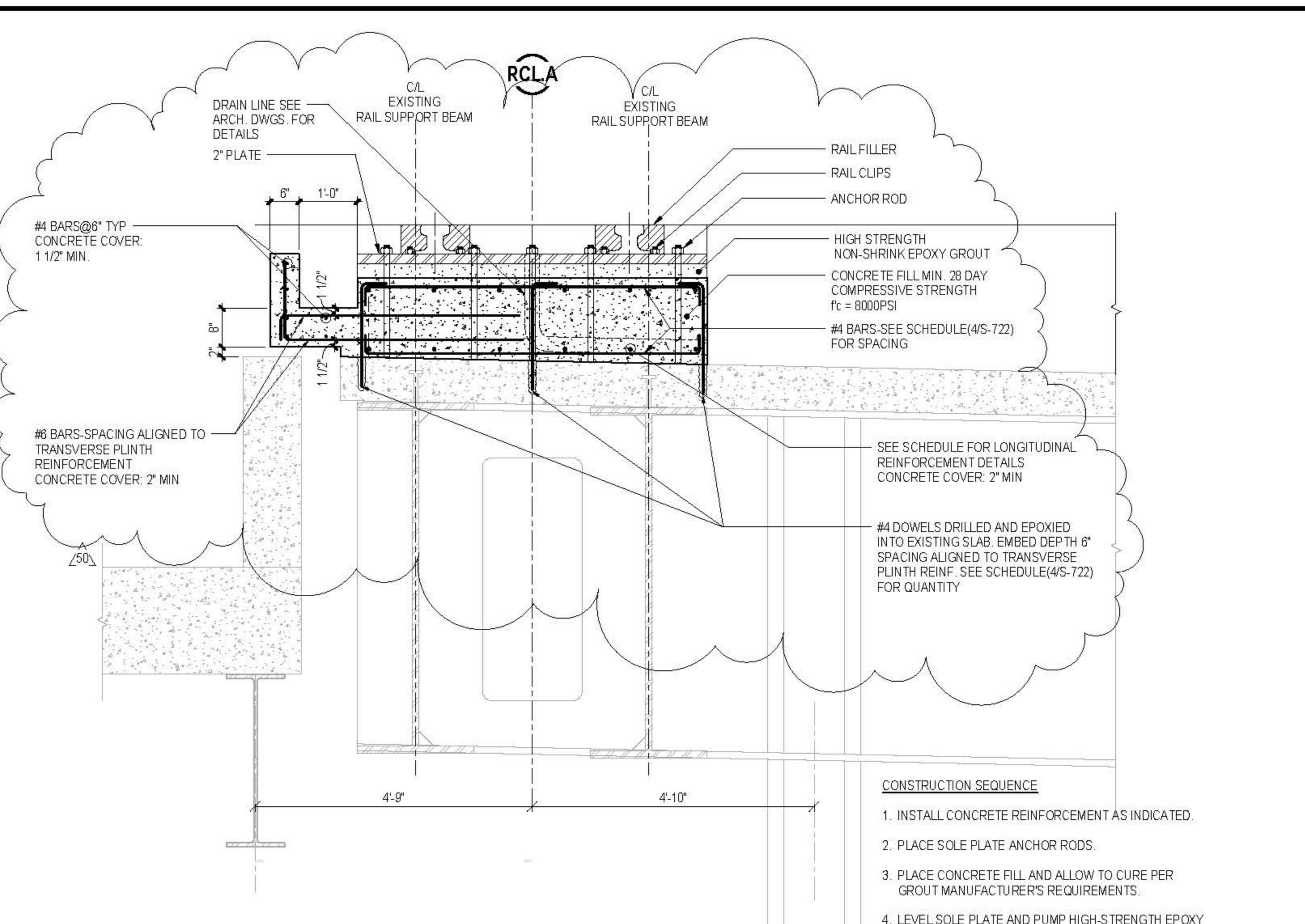
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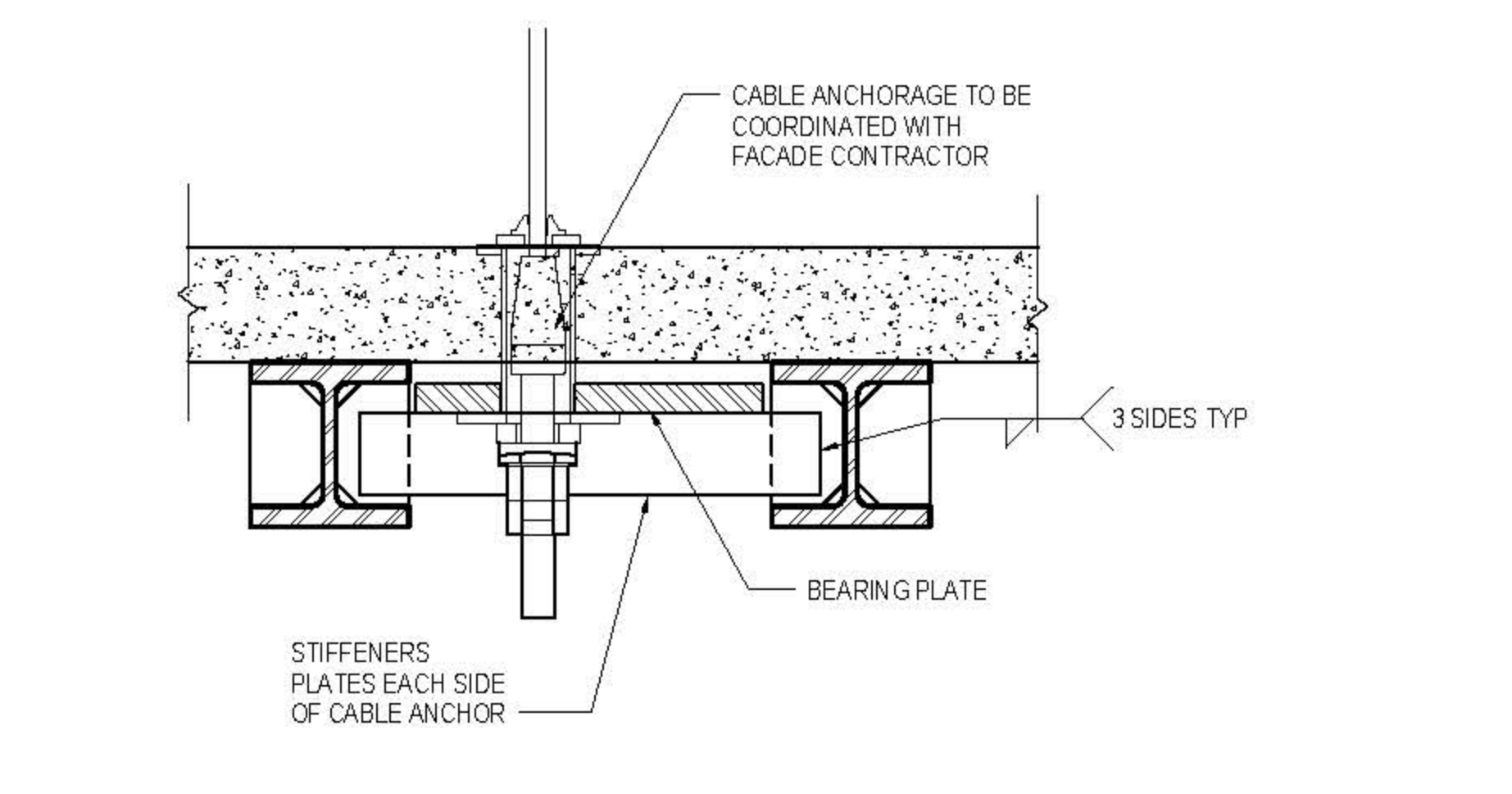
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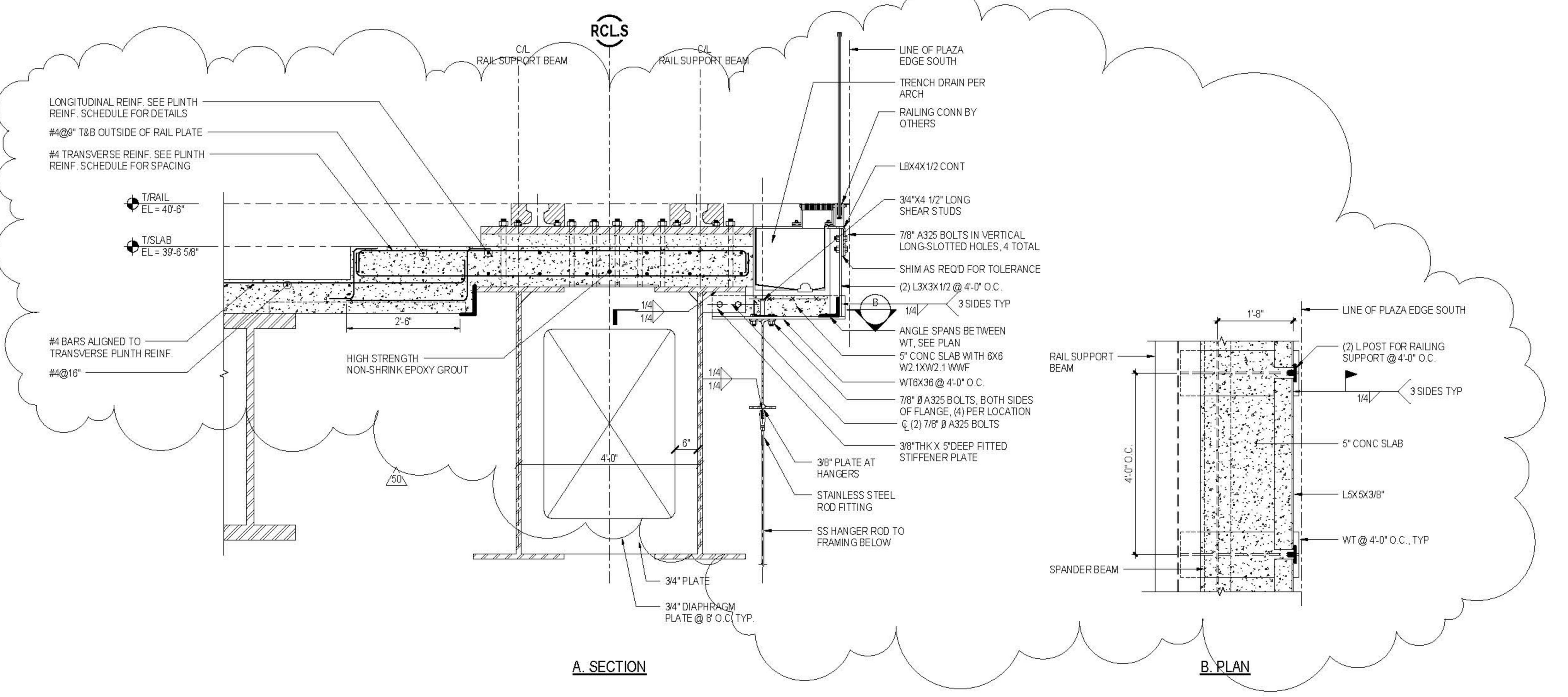
1 SECTION OF SOUTH RAILS AT PLAZA COLUMNS C43, C41, C39, C37, AND C35



2 TYPICAL SECTION OF NORTH RAILS AT PLAZA



3 TYPICAL CABLE WALL ANCHOR AT L02 NORTH SIDE



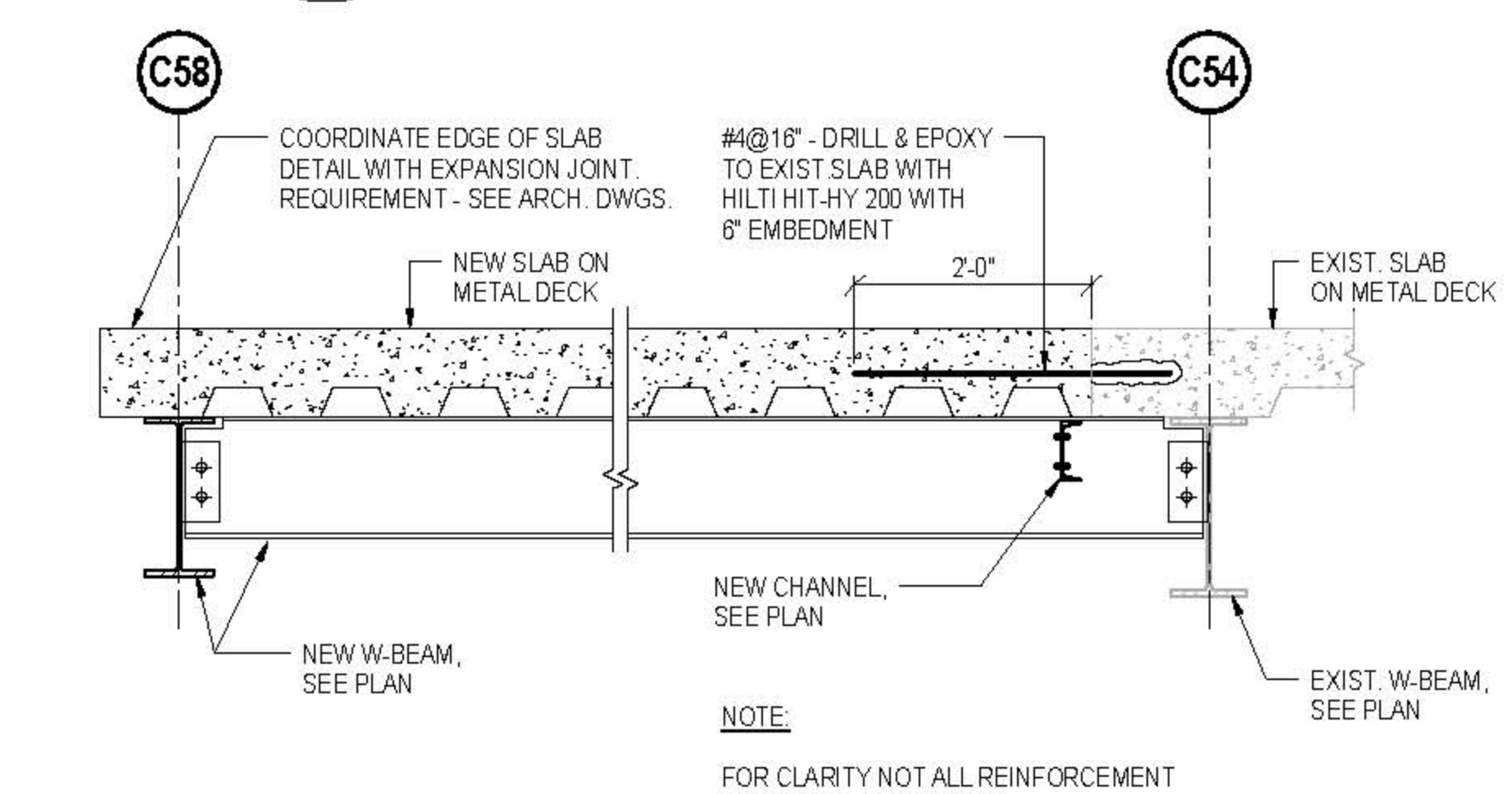
6 TYPICAL SECTION OF SOUTH RAILS AT FIXED BUILDING

PLINTH REINFORCEMENT SCHEDULE

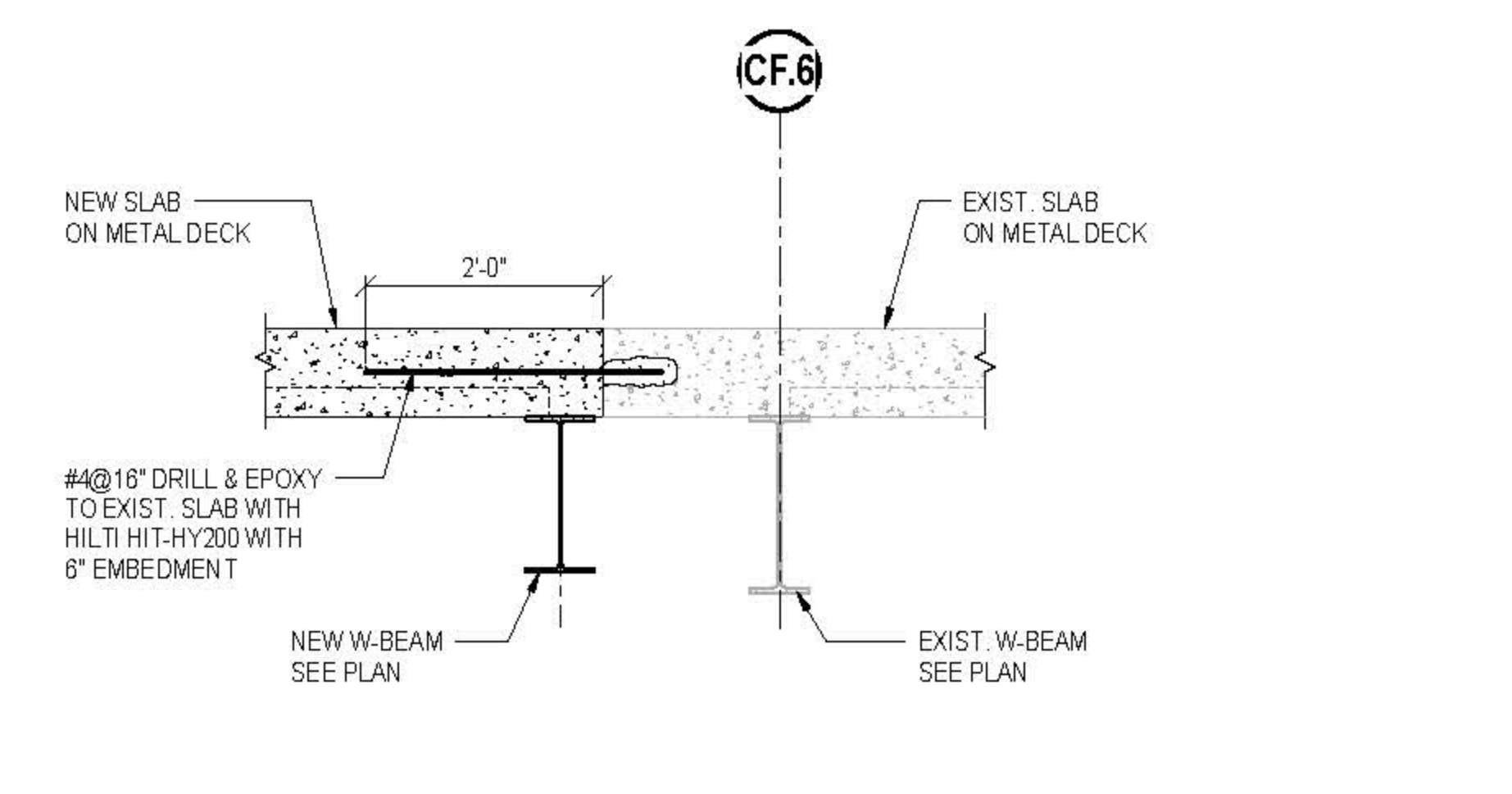
PATTERN	LONGITUDINAL BAR SIZE	# LONGITUDINAL OF BARS	TRANSVERSE REINFORCEMENT SPACING	DOWEL BARS # OF ROWS
A	#6	6 T8B	12IN. O.C.	3
B	#6	6 T8B	16IN. O.C.	2
C	#11	6 T8B	12IN. O.C.	N/A

NOTE: DOWELS ONLY REQUIRED ON RCL EAST OF C44.2

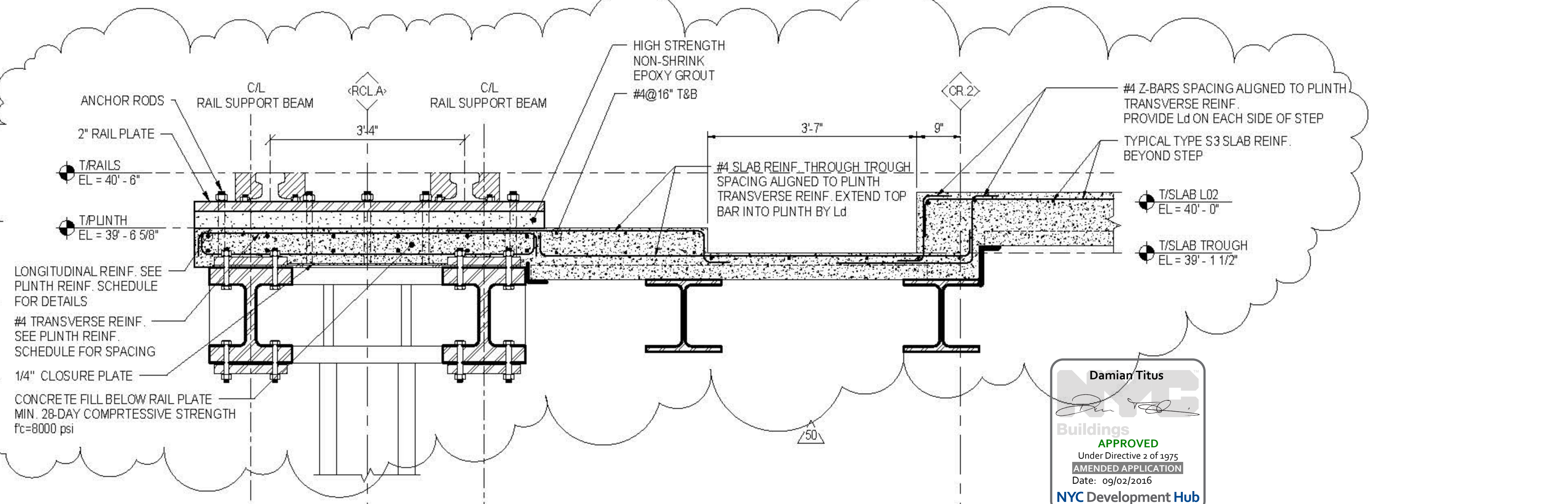
4 PLINTH REINFORCEMENT SCHEDULE



7 TYPICAL SECTION AT L02 C58 - C54 INFILL

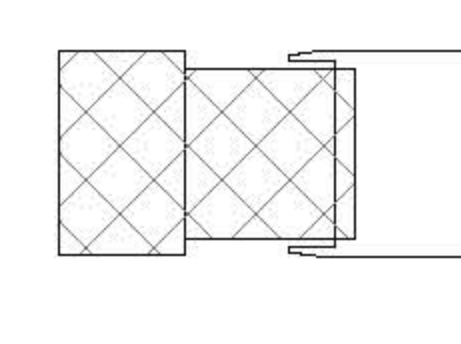


8 TYPICAL SECTION L02 NEW TO EXISTING CONSTRUCTION AT CF.6



9 TYPICAL SECTION AT NORTH RAILS AT FIXED BUILDING

KEY PLAN



ISSUE

NO.	DESCRIPTION	DATE
01	ISSUE FOR PERMITTING	08/19/2015
02	FOR CONSTRUCTION	08/19/2015
03	FOR CONSTRUCTION	08/19/2015
04	FOR CONSTRUCTION	08/19/2015
05	FOR CONSTRUCTION	08/19/2015
06	FOR CONSTRUCTION	08/19/2015
07	FOR CONSTRUCTION	08/19/2015
08	FOR CONSTRUCTION	08/19/2015
09	FOR CONSTRUCTION	08/19/2015
10	FOR CONSTRUCTION	08/19/2015

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DRAWN BY: *[Signature]* CHECKED BY: *[Signature]*

PROJECT NUMBER: N1318.00

TITLE: SECTIONS AND DETAILS, FIXED BUILDING LEVEL 02 - 1

DRAWING NO.: S-723.01

B.SCAN NO.: 81 of 123

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ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
01	60	DOB AMENDMENT 7 08.19.2016
02	ADVISORY (BULLET TRACK)	09.07.2016
11	E	ADV. PROCEEDMENT ACCIDENT #6 04.10.2015
10	4	100% CONSTRUCTION DOCUMENTS 03.18.2015
09	6	PRELIMINARY EOB SUBMISSION 12.30.2014
3	1	ADV. PROCEEDMENT ACCIDENT #1 10.09.2014
1		ADVANCED PROCEEDMENT BID SET 06.16.2014

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Autum

CHECKED BY
Chris

PROJECT NUMBER
N11318.00

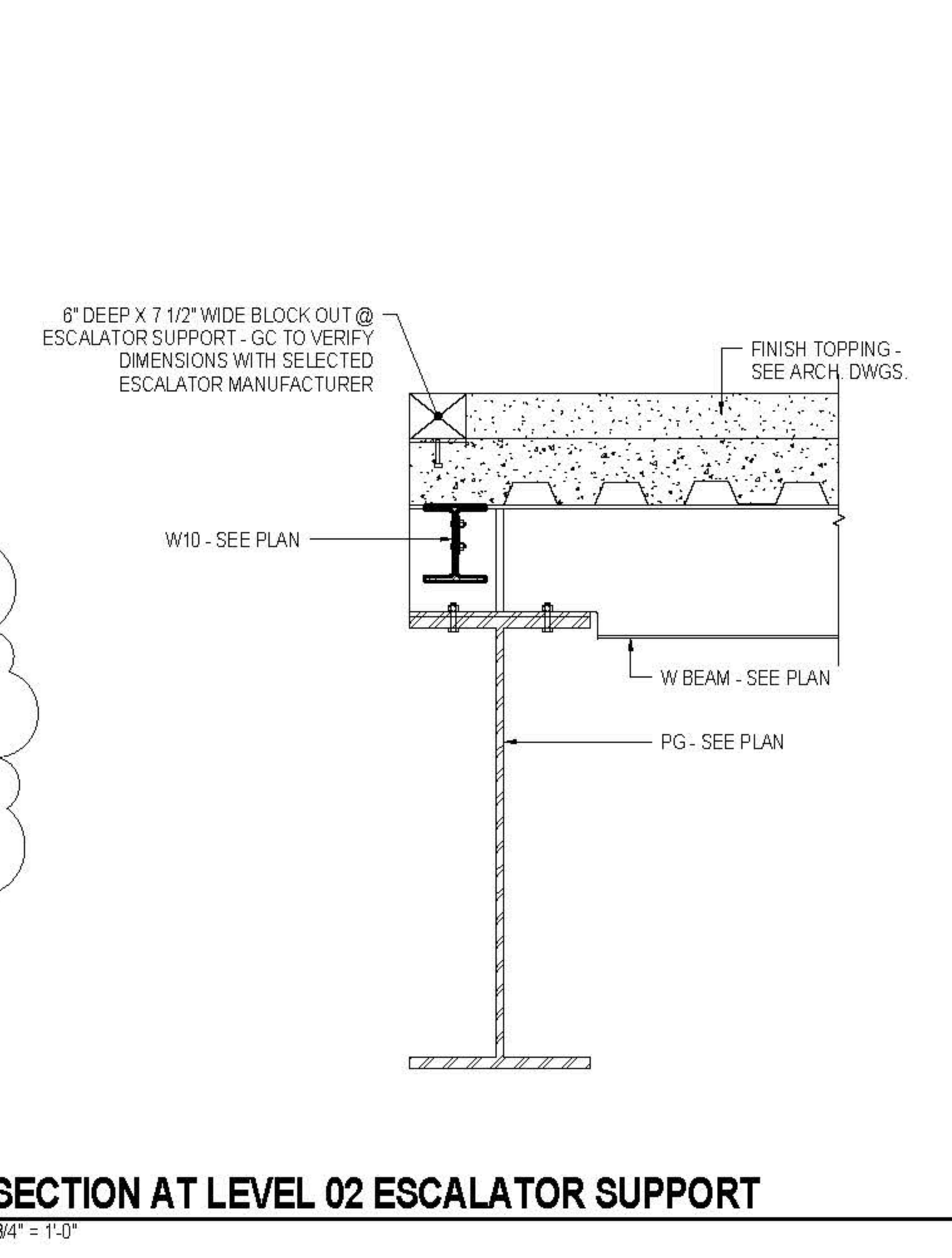
TITLE
SECTIONS AND DETAILS, FIXED BUILDING
LEVEL 02 - B

DRAWING NO.
S-723.01

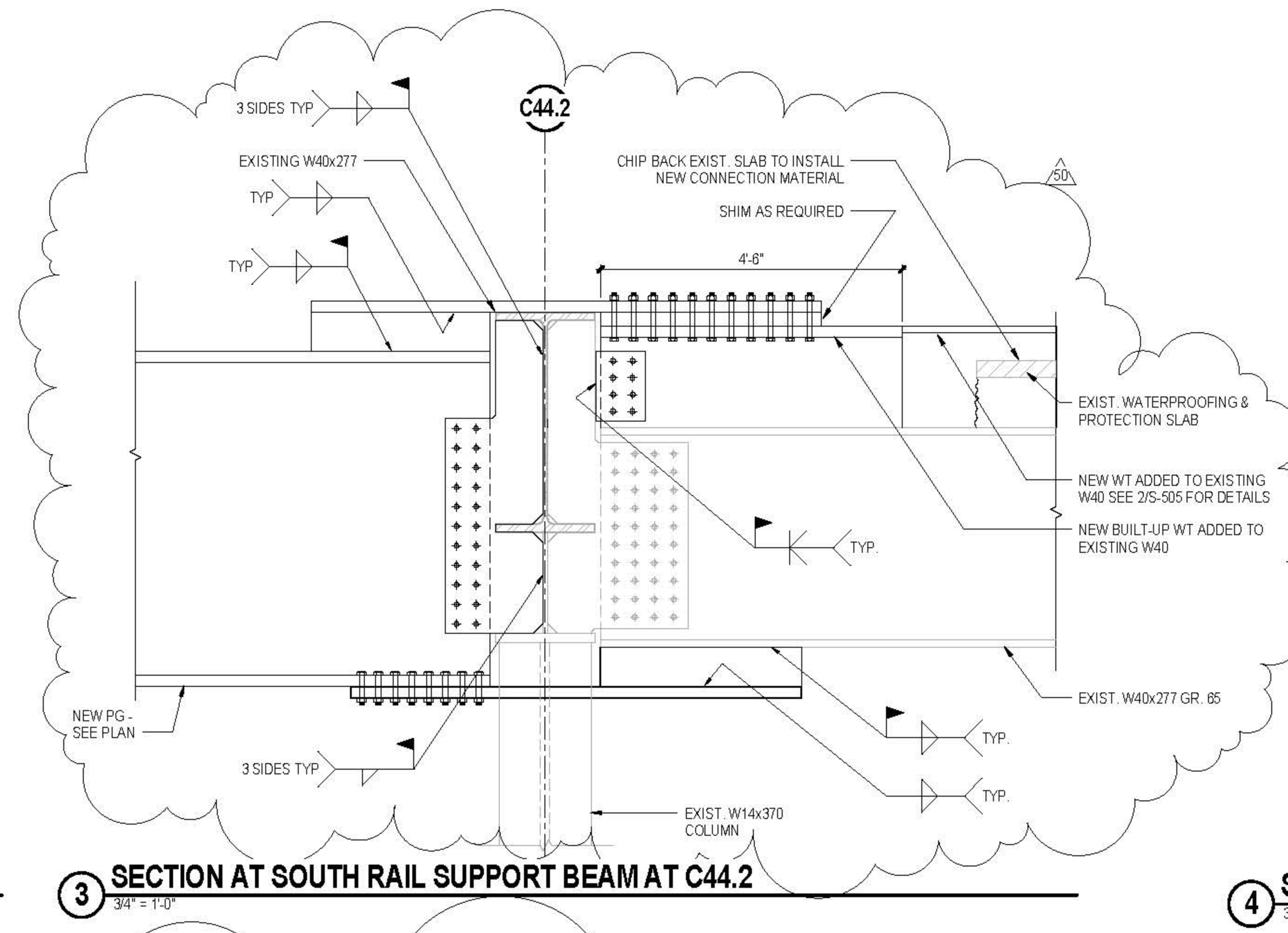
B.SCAN NO.
S-724.01

82 of 123

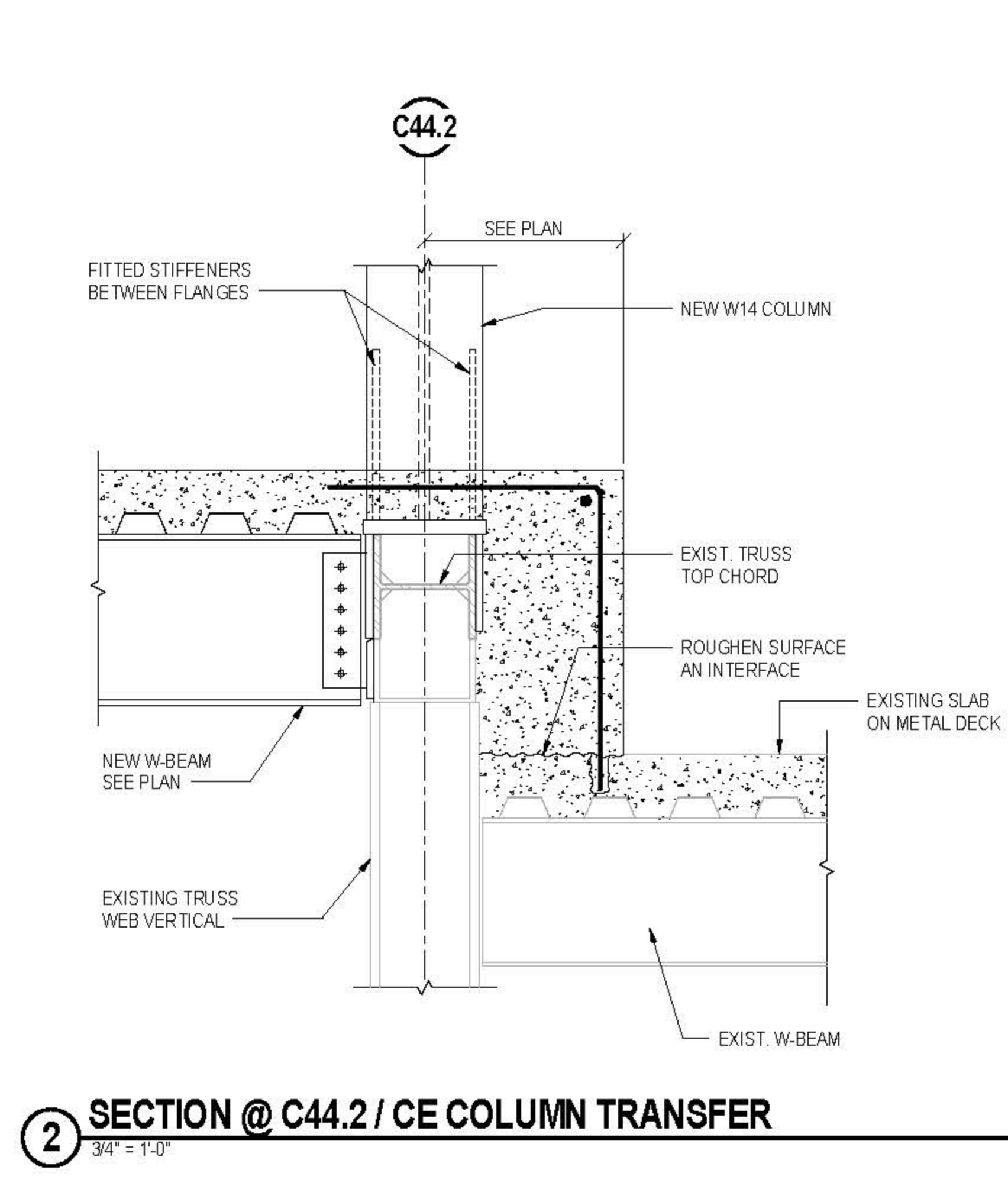
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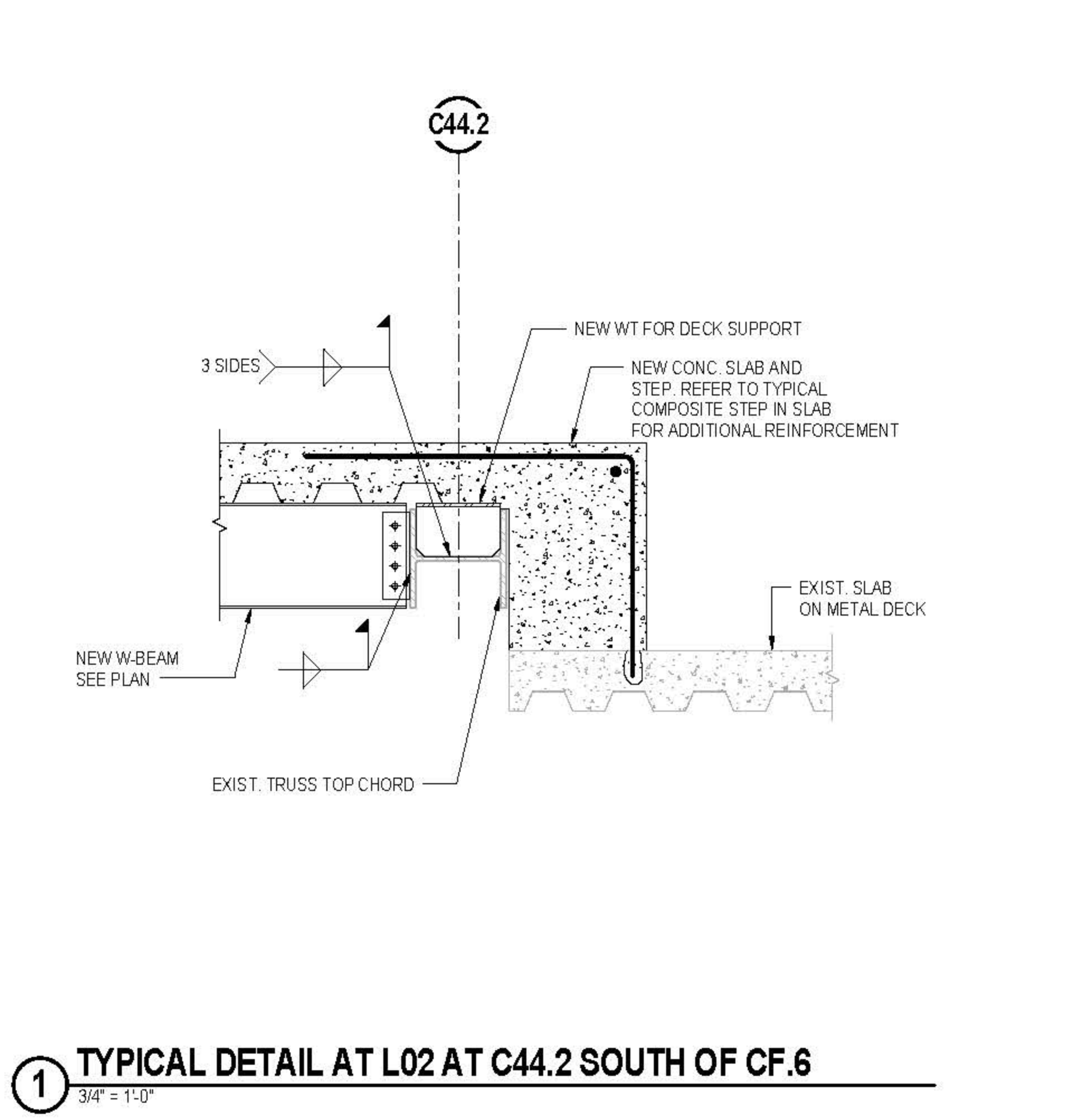
4 SECTION AT LEVEL 02 ESCALATOR SUPPORT
3/4" = 1'-0"



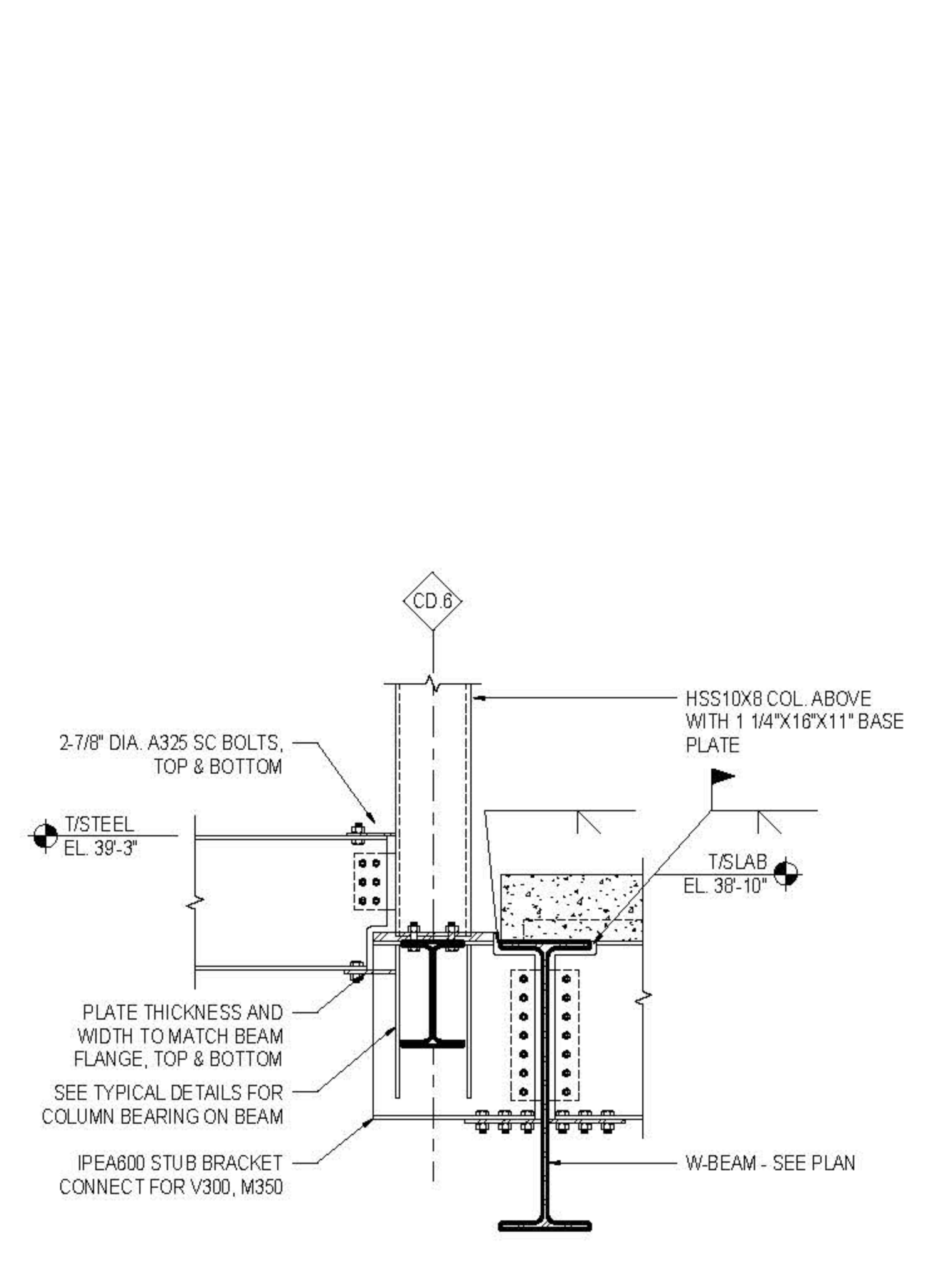
3 SECTION AT SOUTH RAIL SUPPORT BEAM AT C44.2
3/4" = 1'-0"



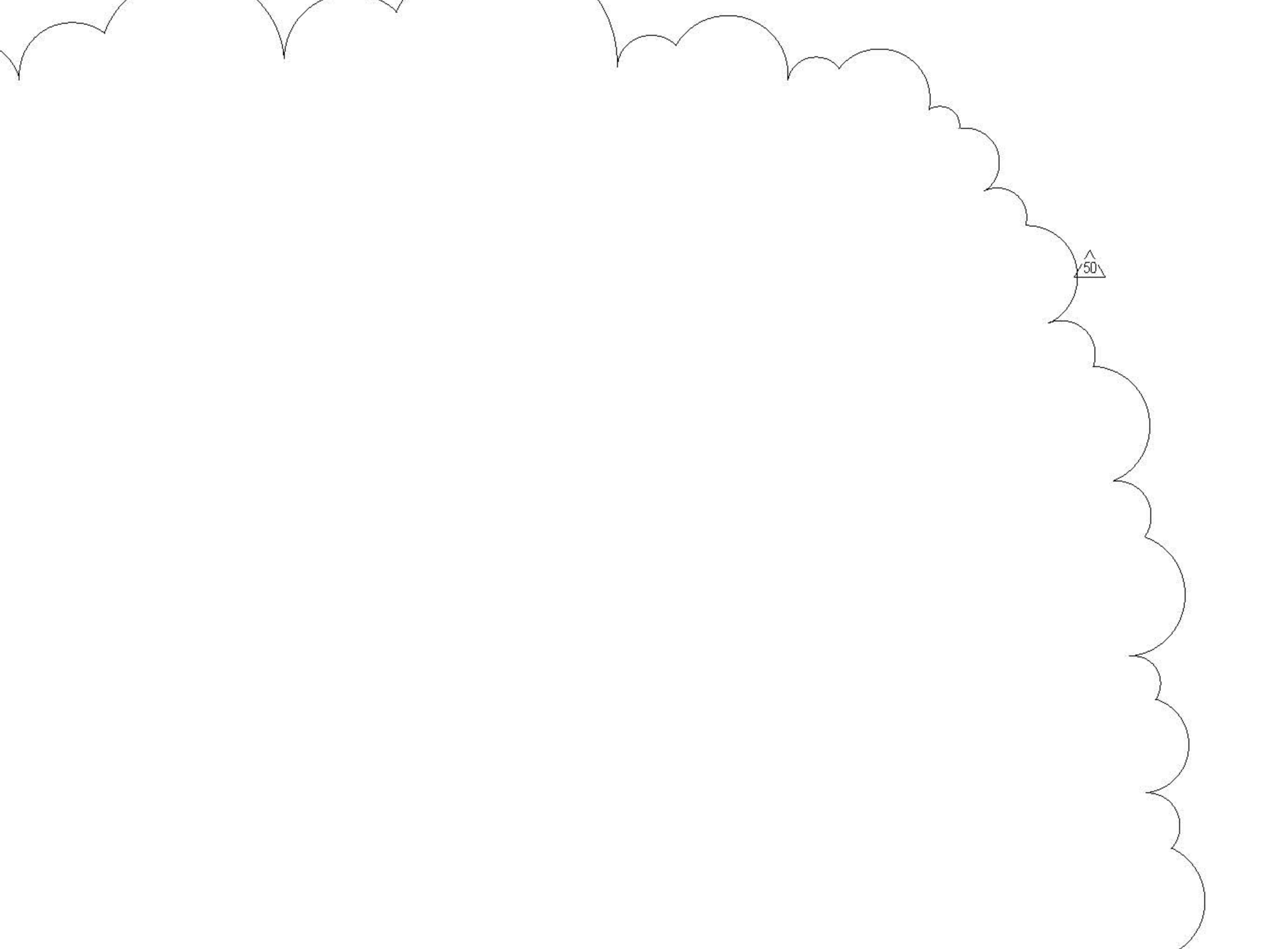
2 SECTION @ C44.2 / CE COLUMN TRANSFER
3/4" = 1'-0"



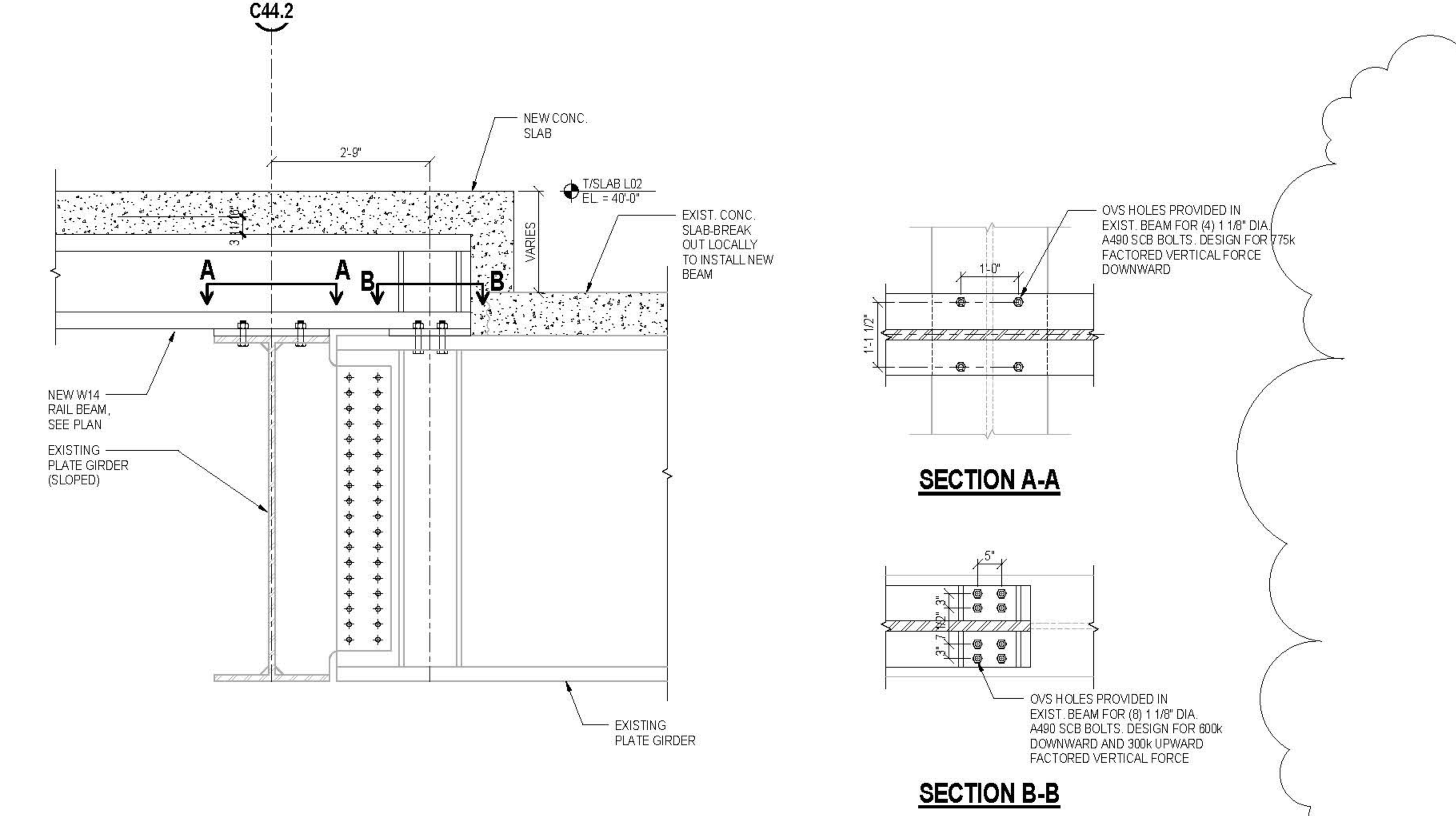
1 TYPICAL DETAIL AT L02 AT C44.2 SOUTH OF CF.6
3/4" = 1'-0"



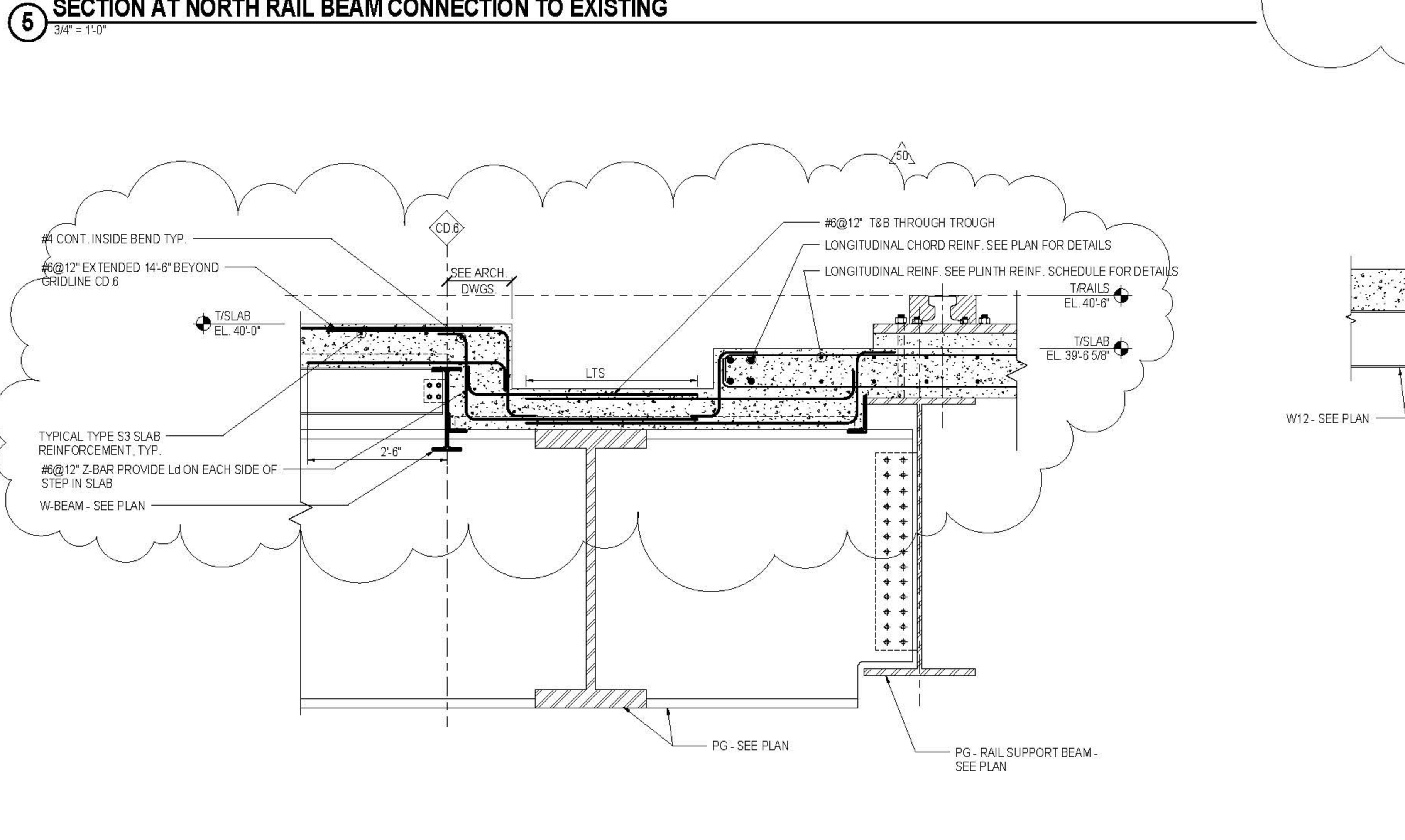
7 SECTION @ CORE E COLUMN TRANSFER
3/4" = 1'-0"



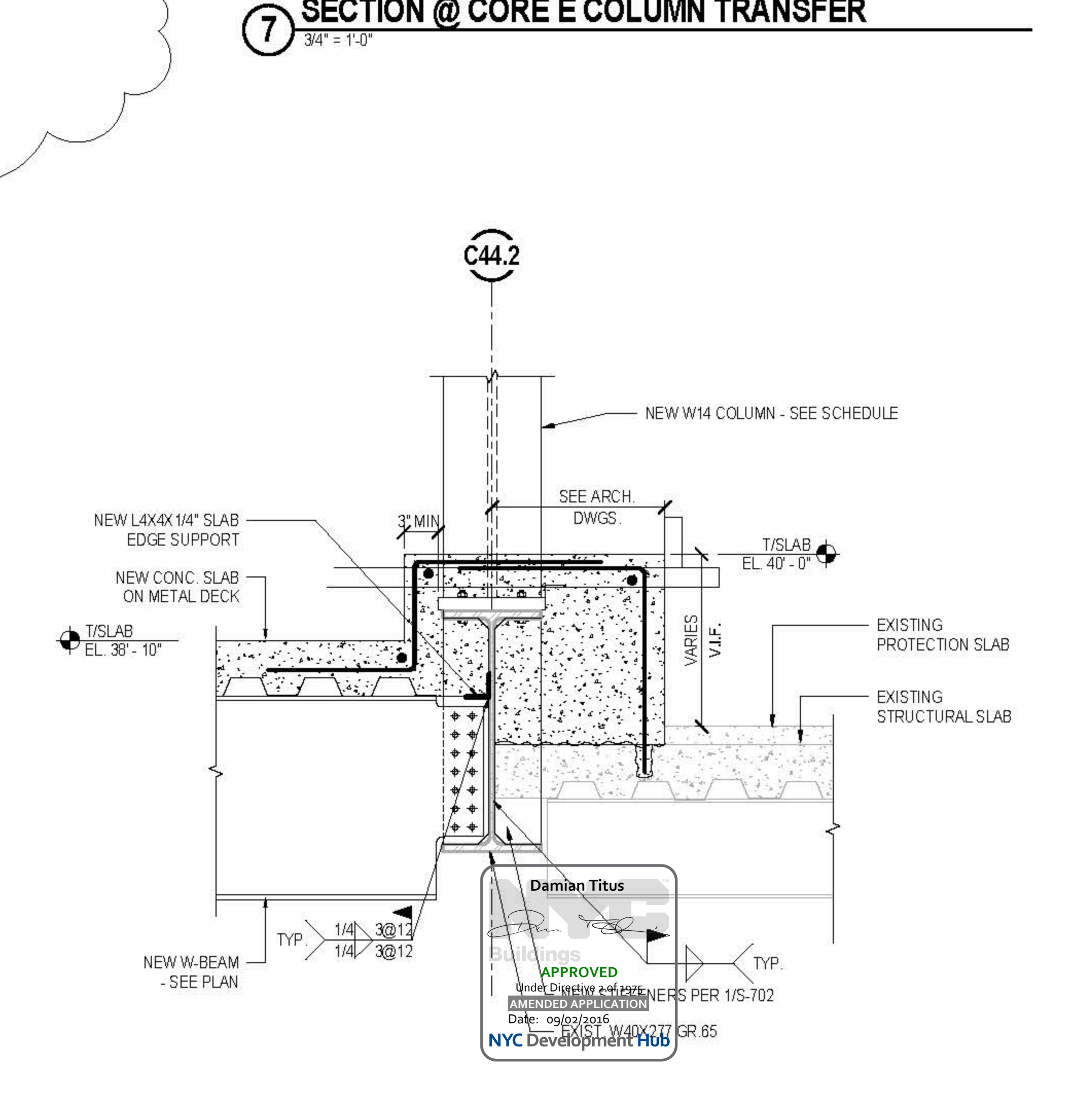
8 SECTION @ C46.3/CD.6 COLUMN TRANSFER
3/4" = 1'-0"



6 SECTION AT NORTH RAIL BEAM CONNECTION TO EXISTING
3/4" = 1'-0"

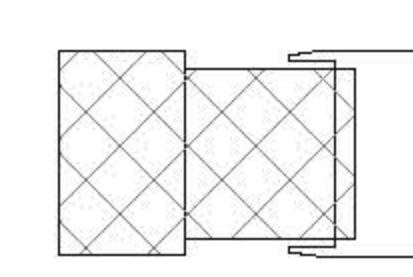


8 SECTION AT LEVEL 02 SOUTH SLAB STEPS
3/4" = 1'-0"



10 SECTION @ C44.2/CD.6 COLUMN TRANSFER
3/4" = 1'-0"

KEY PLAN



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TITLE
SECTIONS AND DETAILS, FIXED BUILDING
LEVEL 02 - B

DRAWING NO.
S-723.01

B.SCAN NO.
S-724.01

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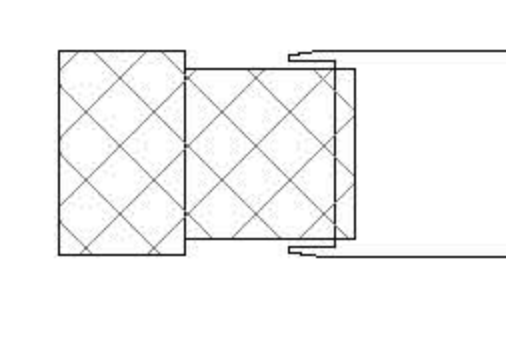
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KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
01	50 DOB AMENDMENT 7	08.19.2016
11	6 ADV. PROCUREMENT ADDENDUM 6	04.19.2016
10	4 100% CONSTRUCTION DOCUMENTS	03.31.2015
5	PRELIMINARY DOB SUBMISSION	12.10.2014
1	ADVANCED PROCUREMENT BID SET	06.16.2014

STAMP



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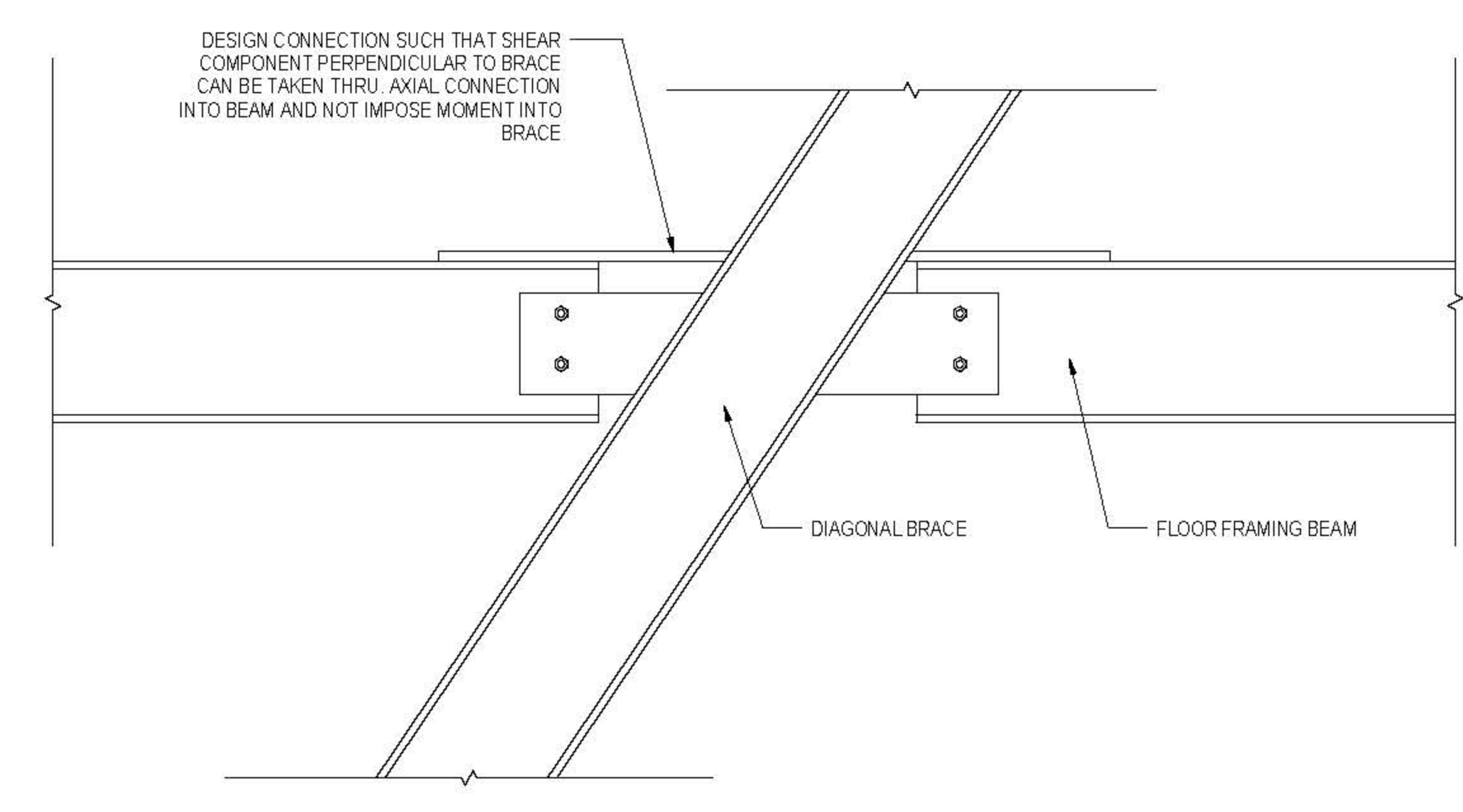
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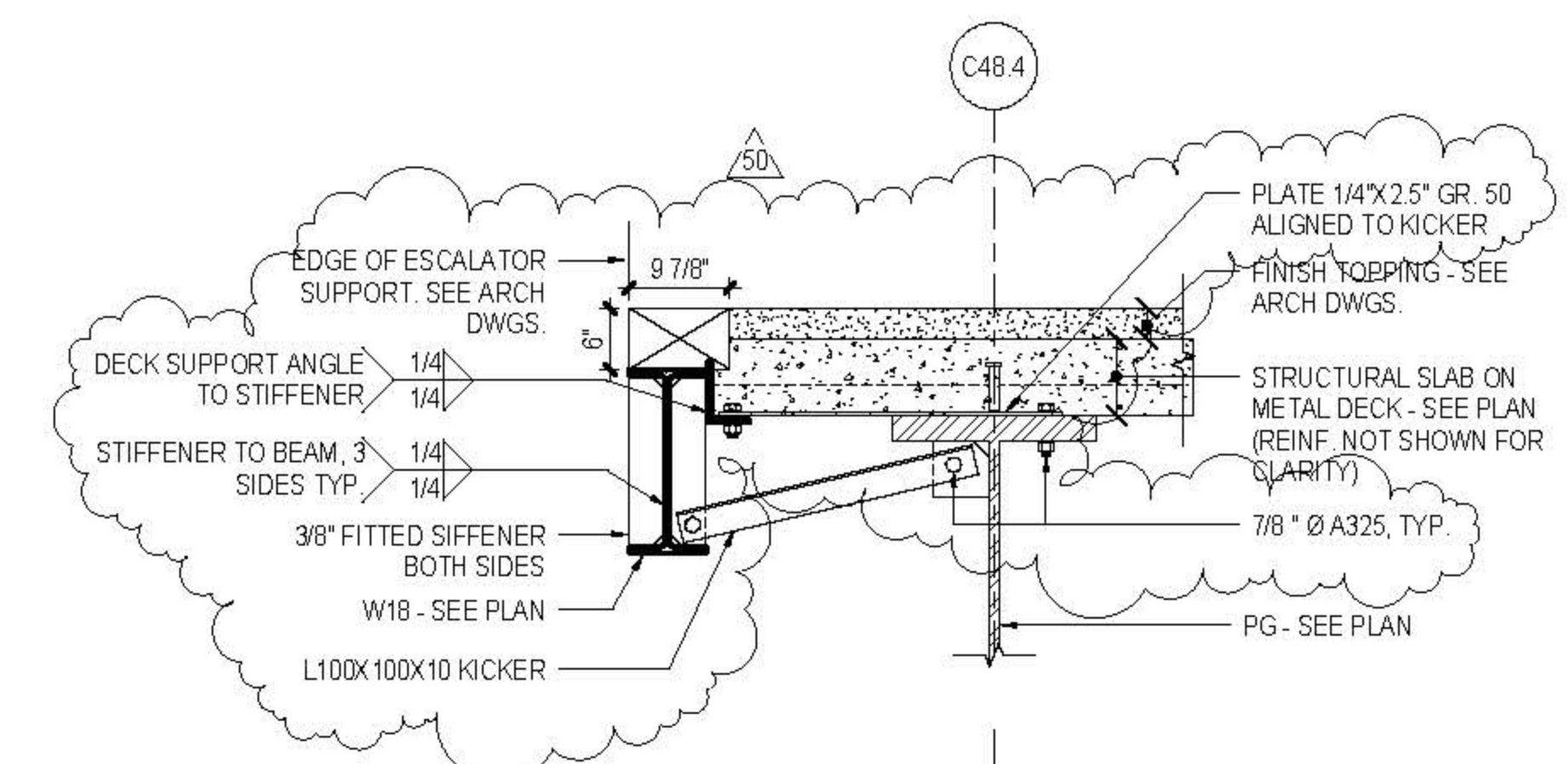
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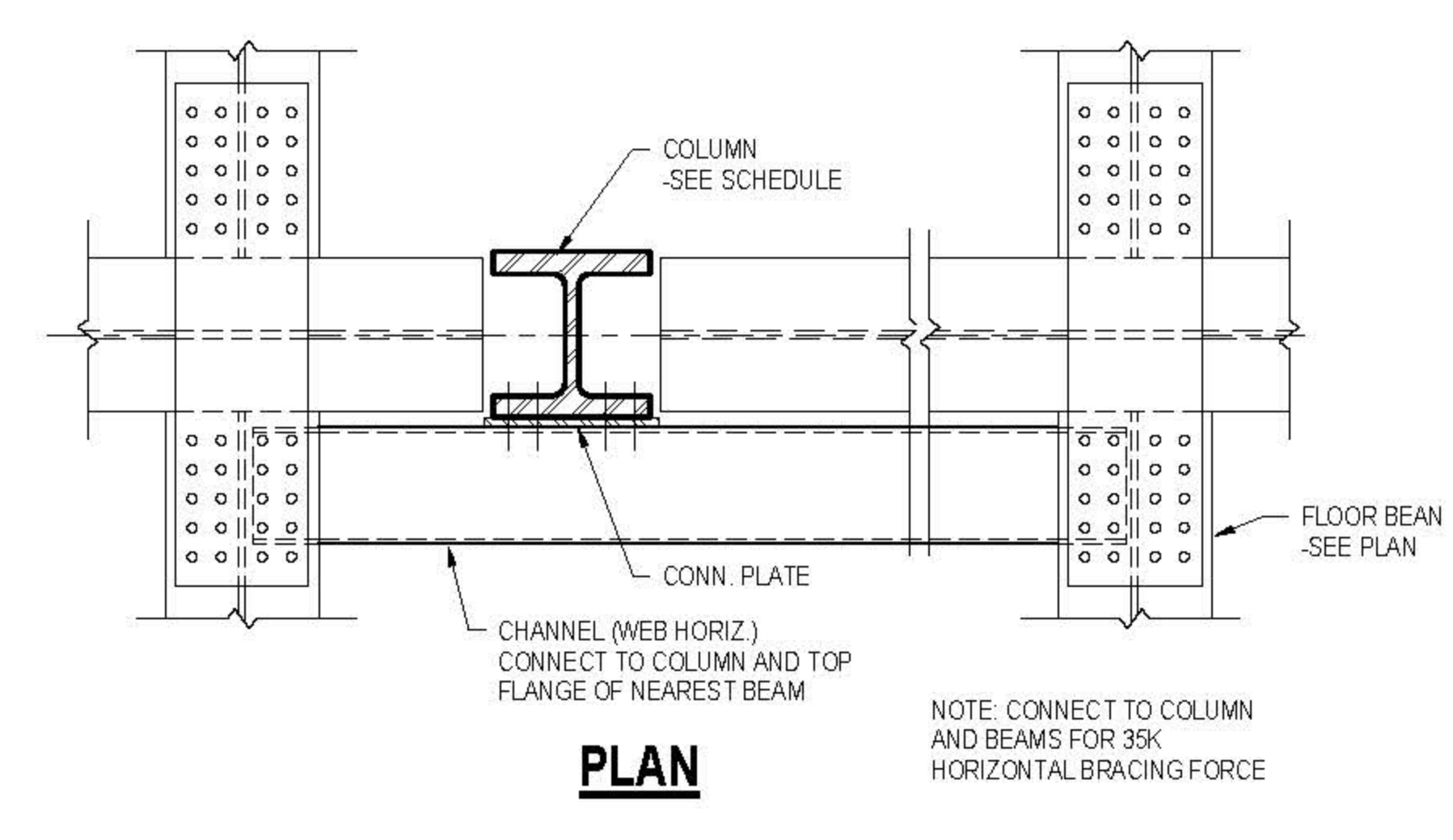
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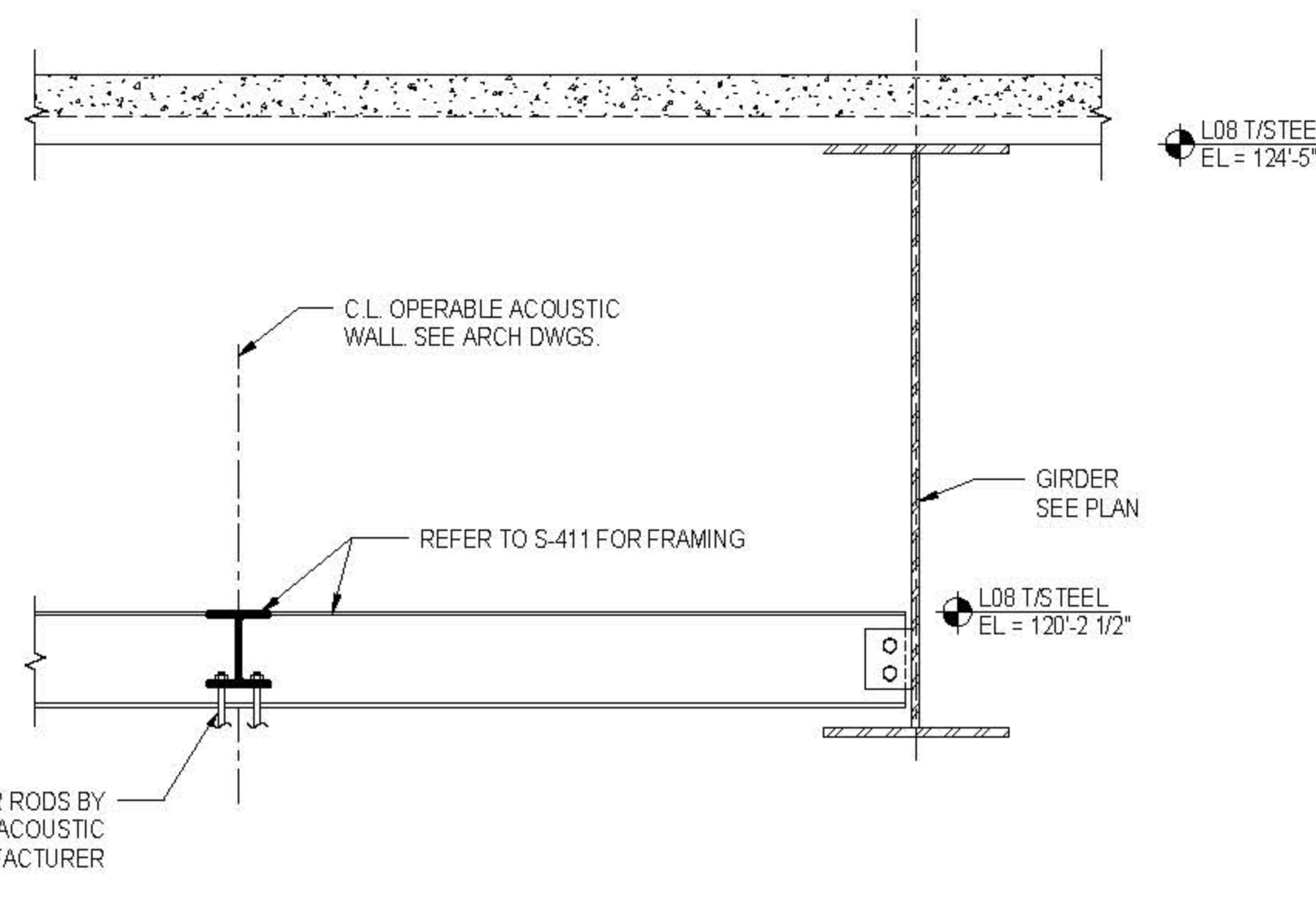
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1" = 1'-0"



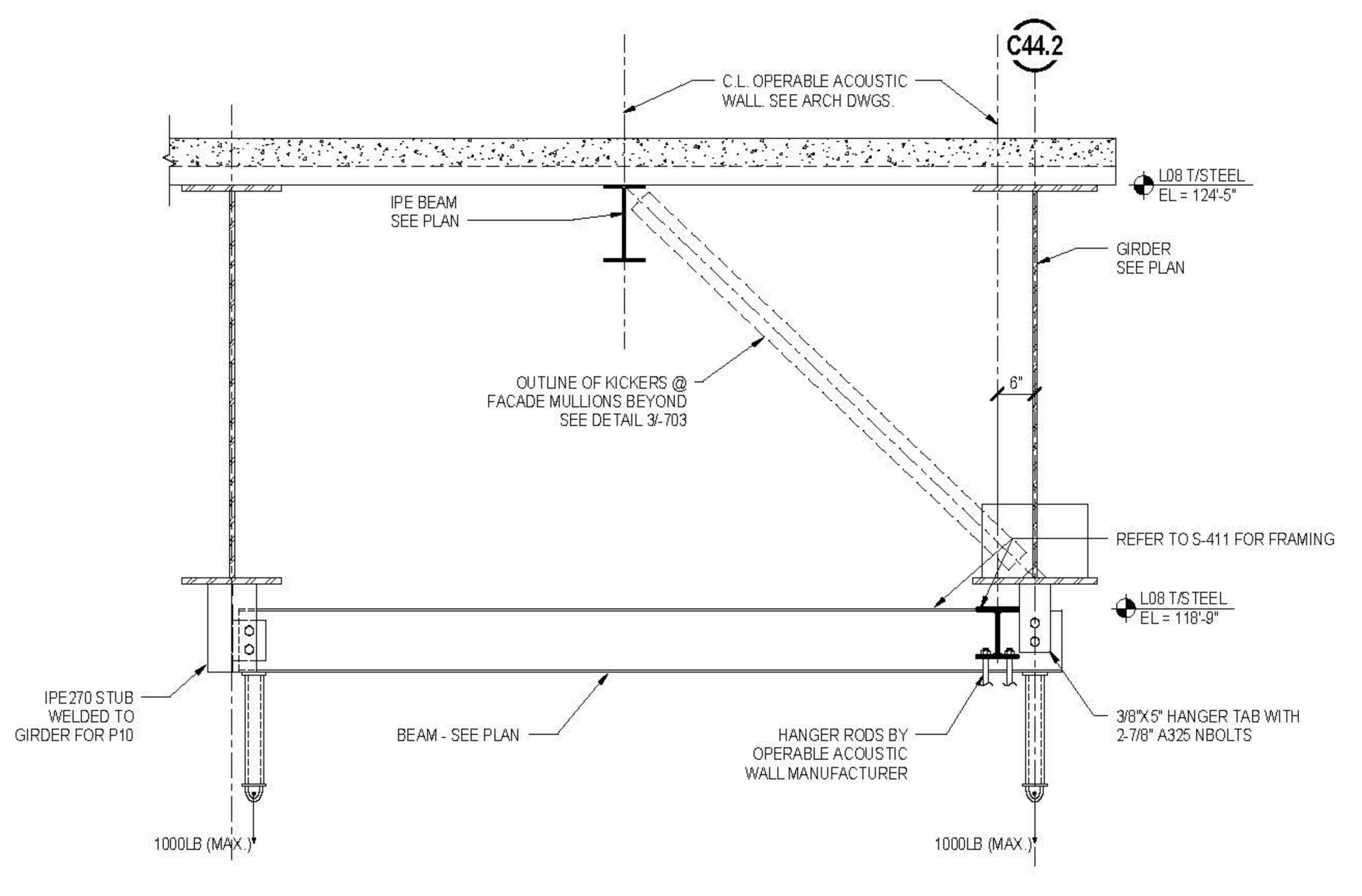
3 SECTION AT LEVEL 04 EAST ESCALATOR SUPPORT
3/4" = 1'-0"



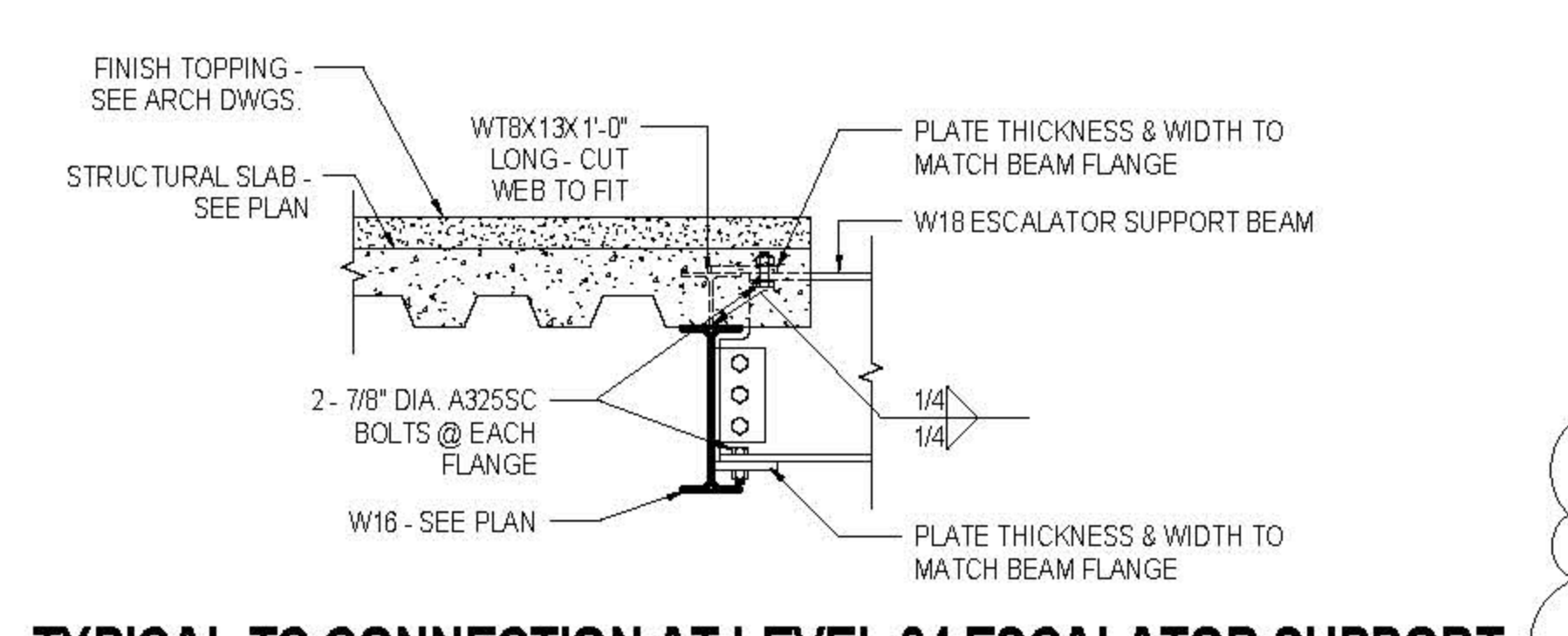
4 TYPICAL COLUMN BRACING AT OFFSET FLOOR BEAMS
3/4" = 1'-0"



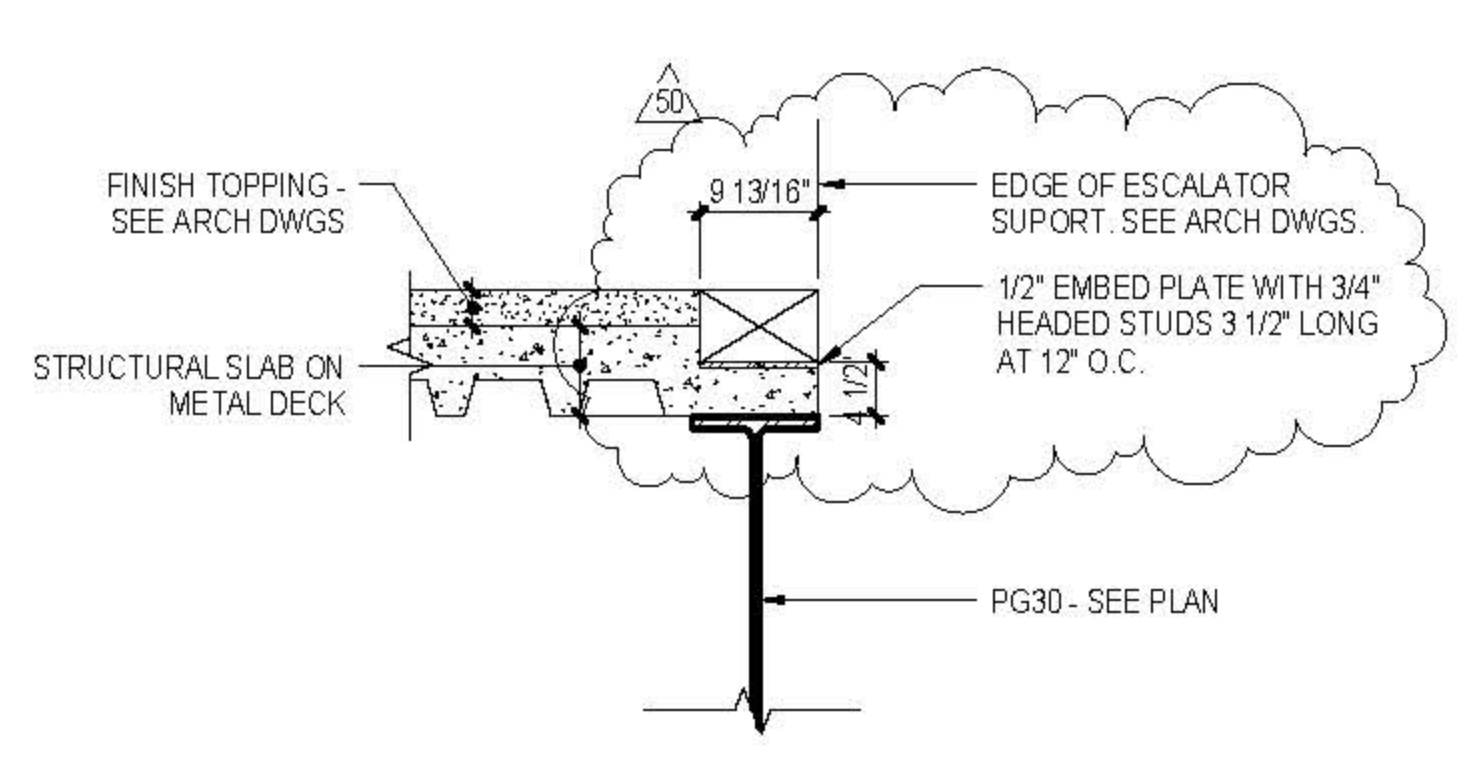
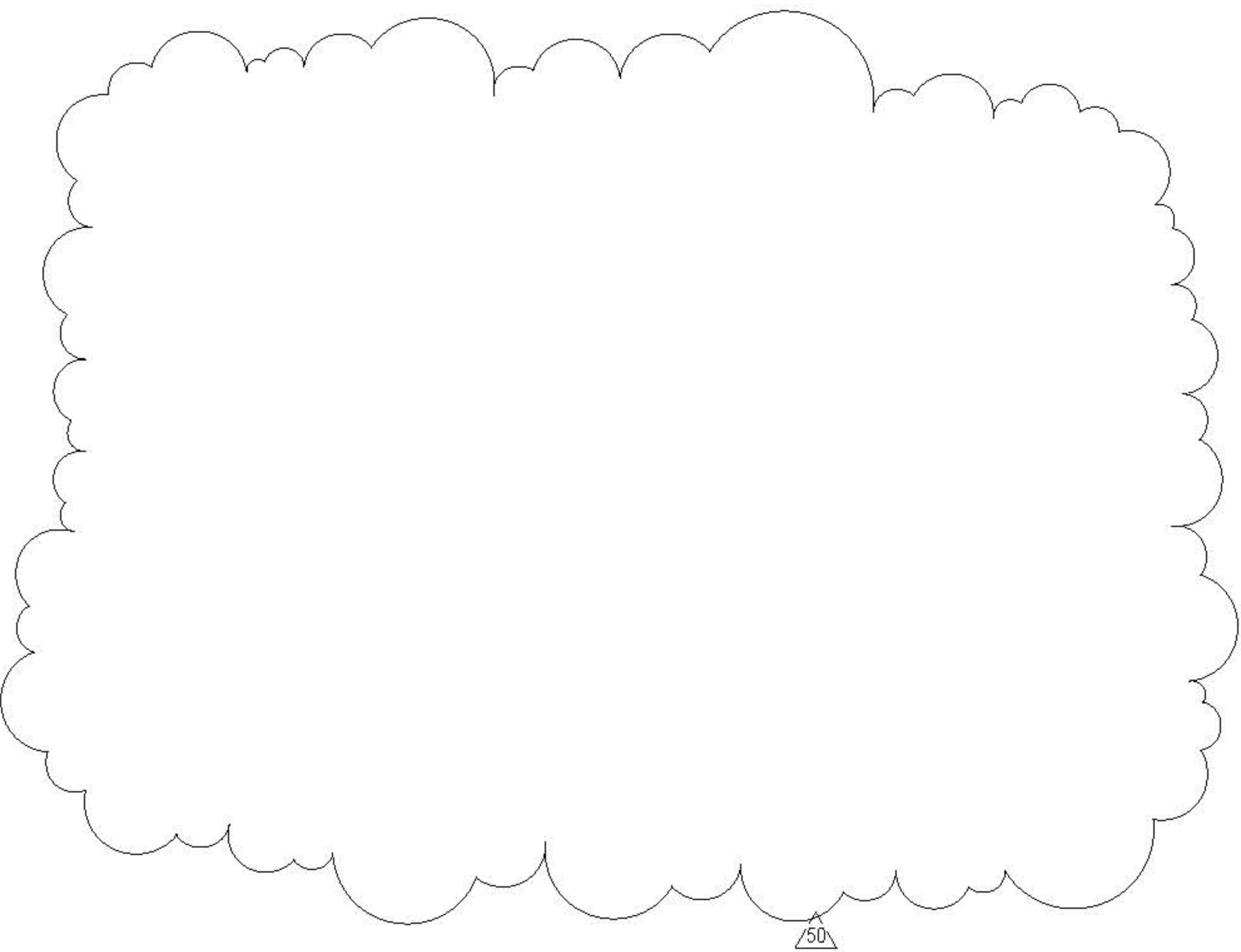
5 SECTION AT OPERABLE ACOUSTIC PARTITION SUPPORTS
3/4" = 1'-0"



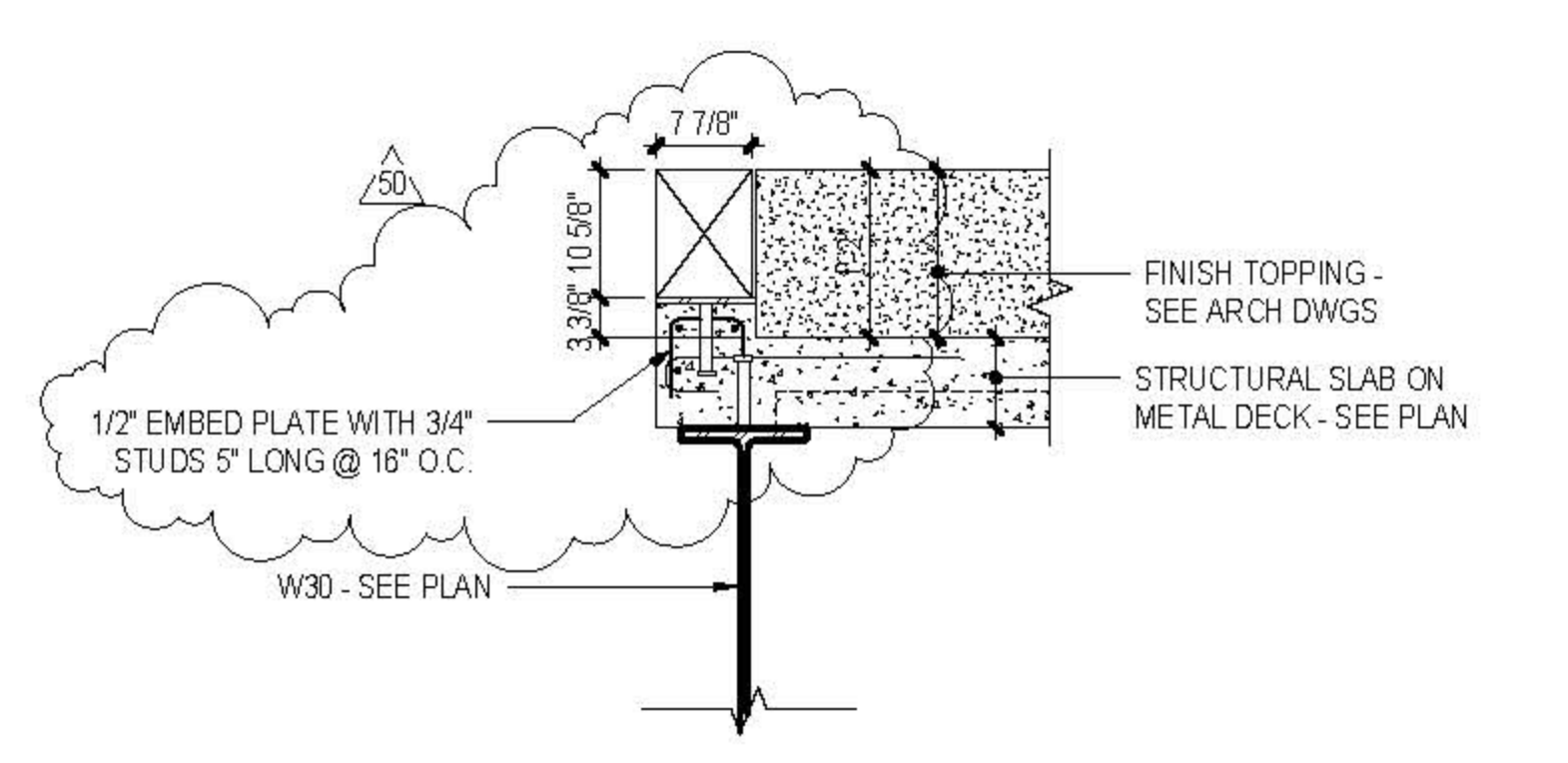
6 SECTION AT EAST OPERABLE ACOUSTIC PARTITION SUPPORT
3/4" = 1'-0"



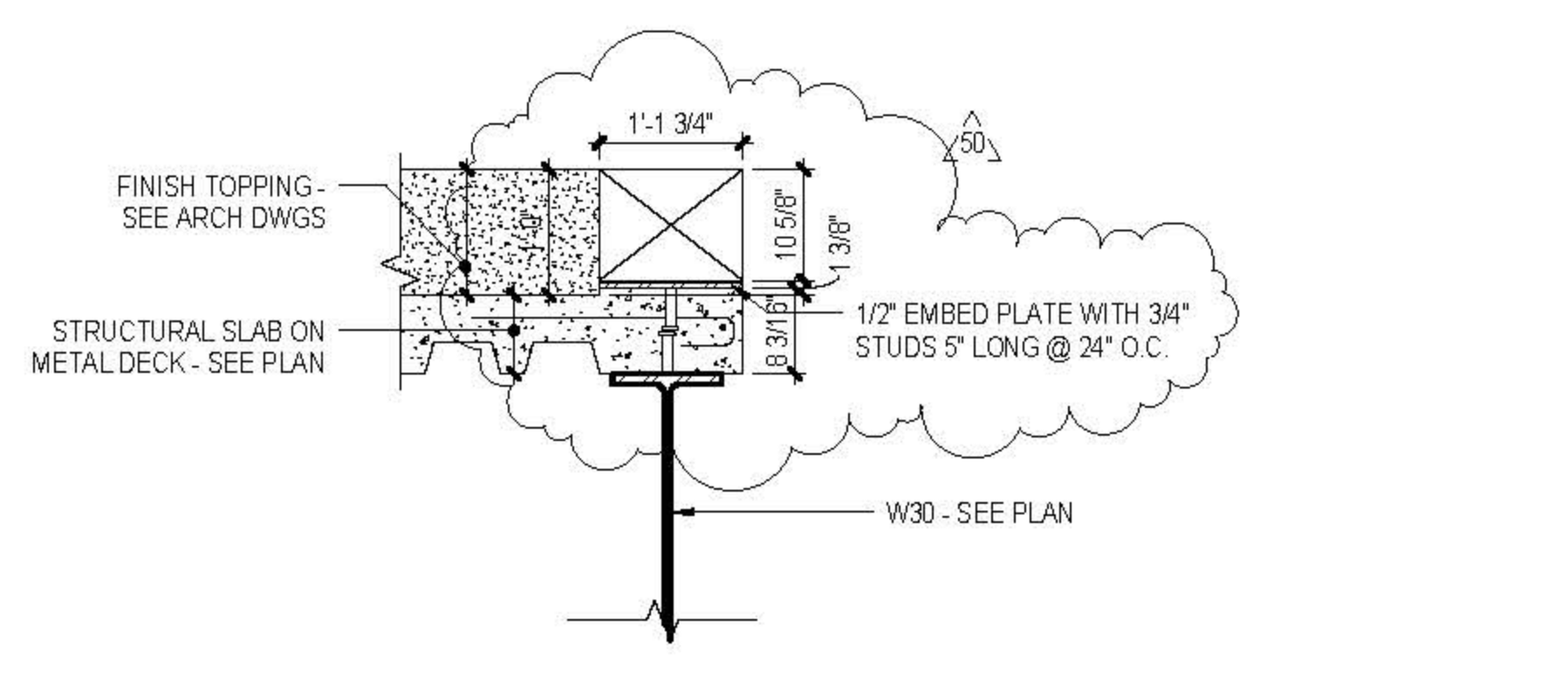
7 TYPICAL TC CONNECTION AT LEVEL 04 ESCALATOR SUPPORT
3/4" = 1'-0"



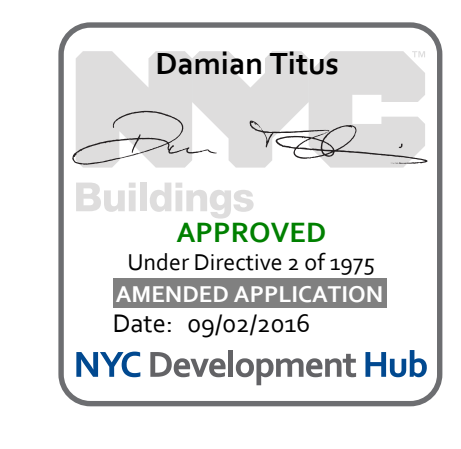
9 SECTION AT LEVEL 04 WEST ESCALATOR SUPPORT
3/4" = 1'-0"



10 TYPICAL SECTION AT LEVEL 06 ESCALATOR SUPPORT
3/4" = 1'-0"



11 TYPICAL SECTION AT LEVEL 08 ESCALATOR SUPPORT
3/4" = 1'-0"



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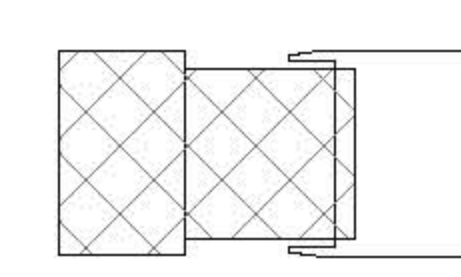
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KEY PLAN



ISSUE

ISSUE	PRINTING	DATE	
01	50	DOB AMENDMENT 7	08.19.2016
37	26	RE #01	02.12.2016
25		CONSTRUCTION SET	10.09.2015
11	6	ADV. PROCUREMENT ADDENDUM 6	04.10.2015
10	4	100% CONSTRUCTION DOCUMENTS	03.18.2015
9		90% CONSTRUCTION DOCUMENTS	02.16.2015
6		PRELIMINARY JOB SUBMISSION	12.10.2014
1		ADVANCED PROCUREMENT BID SET	06.16.2014

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CHECKED BY
Chris

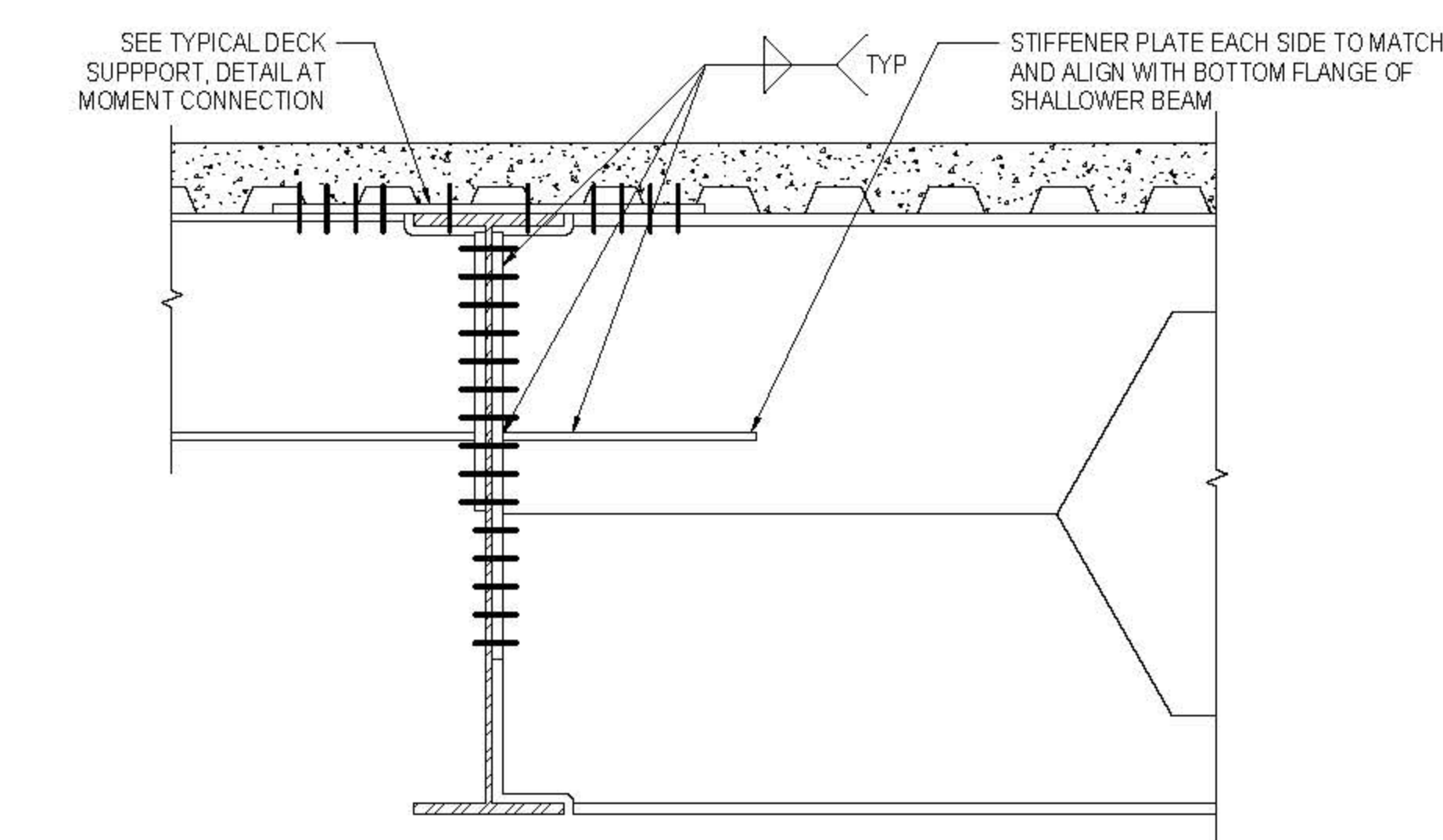
PROJECT NUMBER
N11318.00

TITLE
SECTIONS AND DETAILS, FIXED BUILDING
L04 TO L08 - II

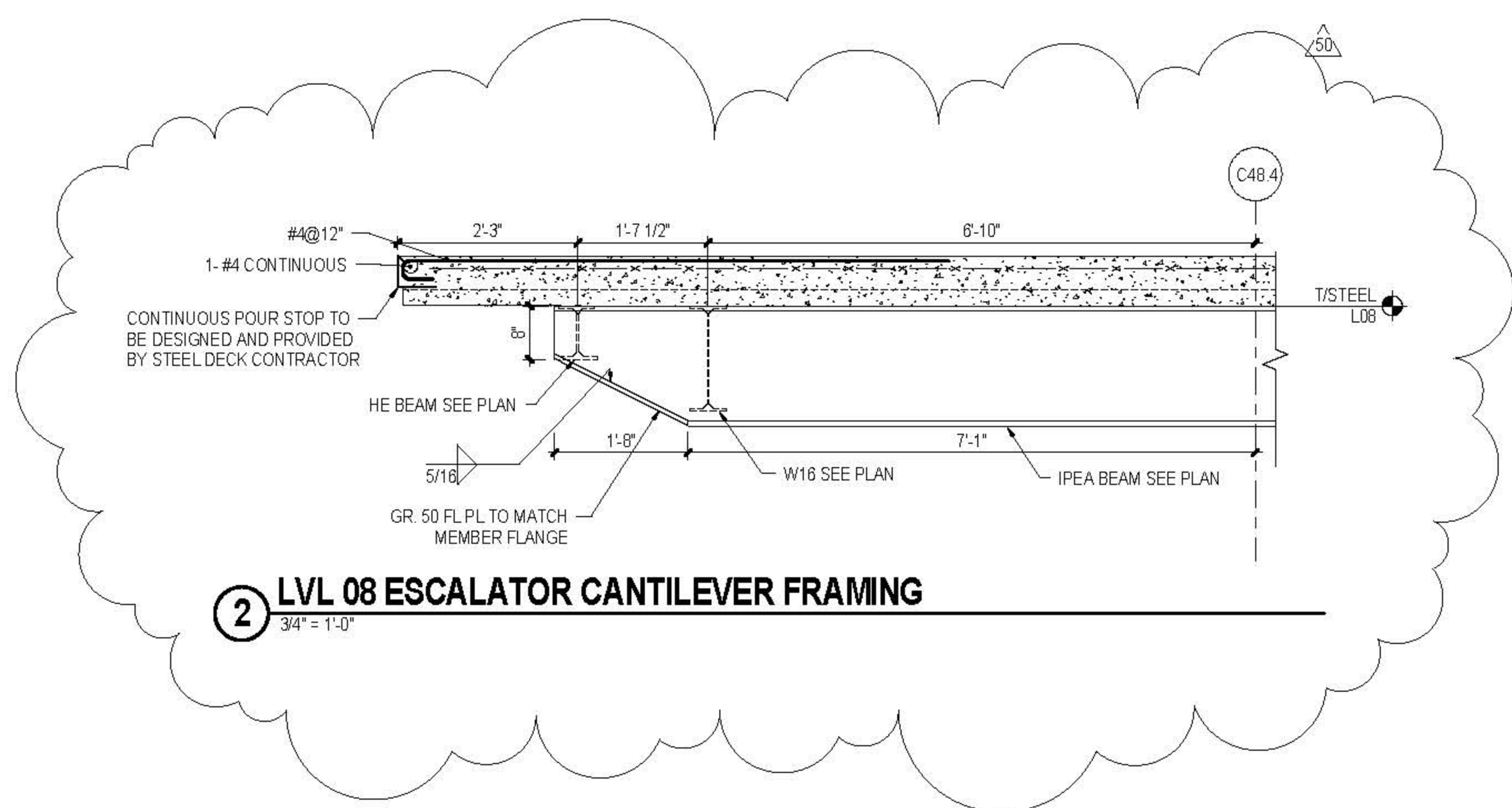
DRAWING NO.
S-726.01

B.SCAN NO.
S-726.01

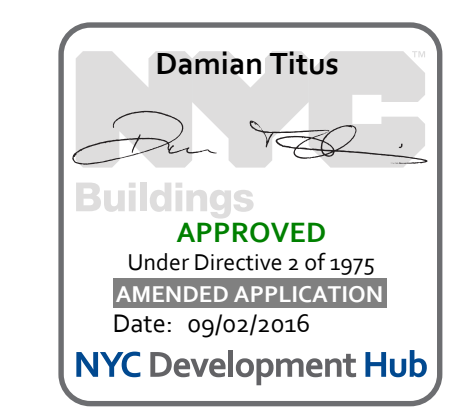
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1 TYPICAL MOMENT CONNECTION AT VARIED DEPTH BOLTED END PLATE
3/4" = 1'-0"



2 LVL 08 ESCALATOR CANTILEVER FRAMING
3/4" = 1'-0"



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Under Directive 1 of 1975
DATE: 09/21/2015
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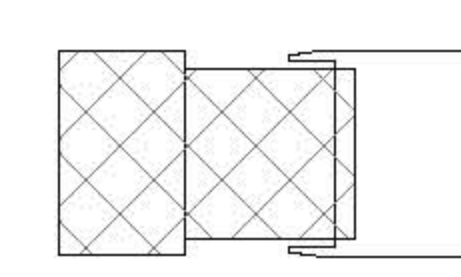
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ISSUE PRINTING DATE

ISSUE	PRINTING	DATE

09	50	0106 AMENDMENT 7	08.19.2016
11	6	ADV. PROCUREMENT ADDENDUM 6	04.10.2015
10	4	100% CONSTRUCTION DOCUMENTS	03.18.2015

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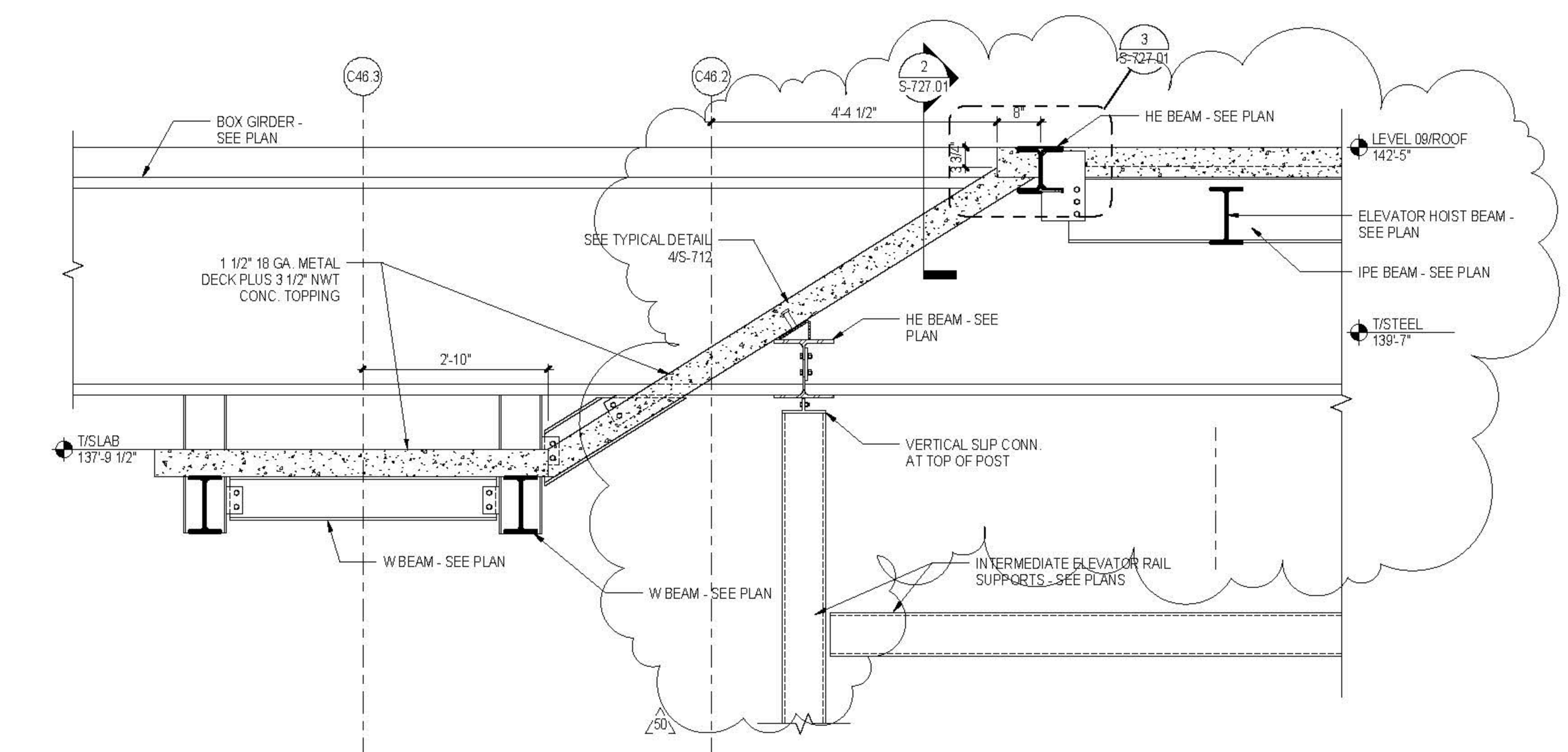
PROJECT NUMBER: **N11318.00**

TITLE: **SECTIONS AND DETAILS, FKED BUILDING ROOF II**

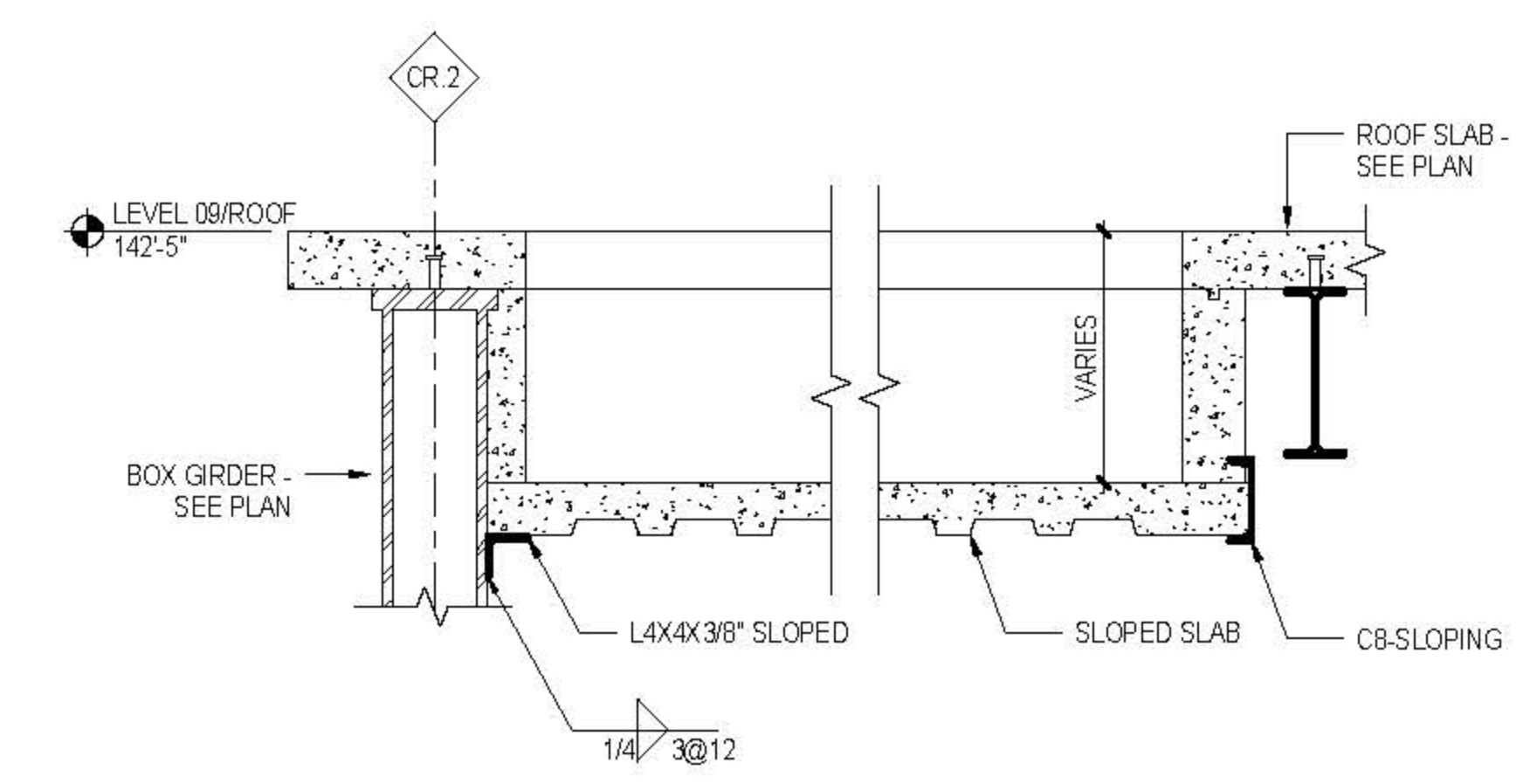
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B.SCAN NO.: **S-728.01**

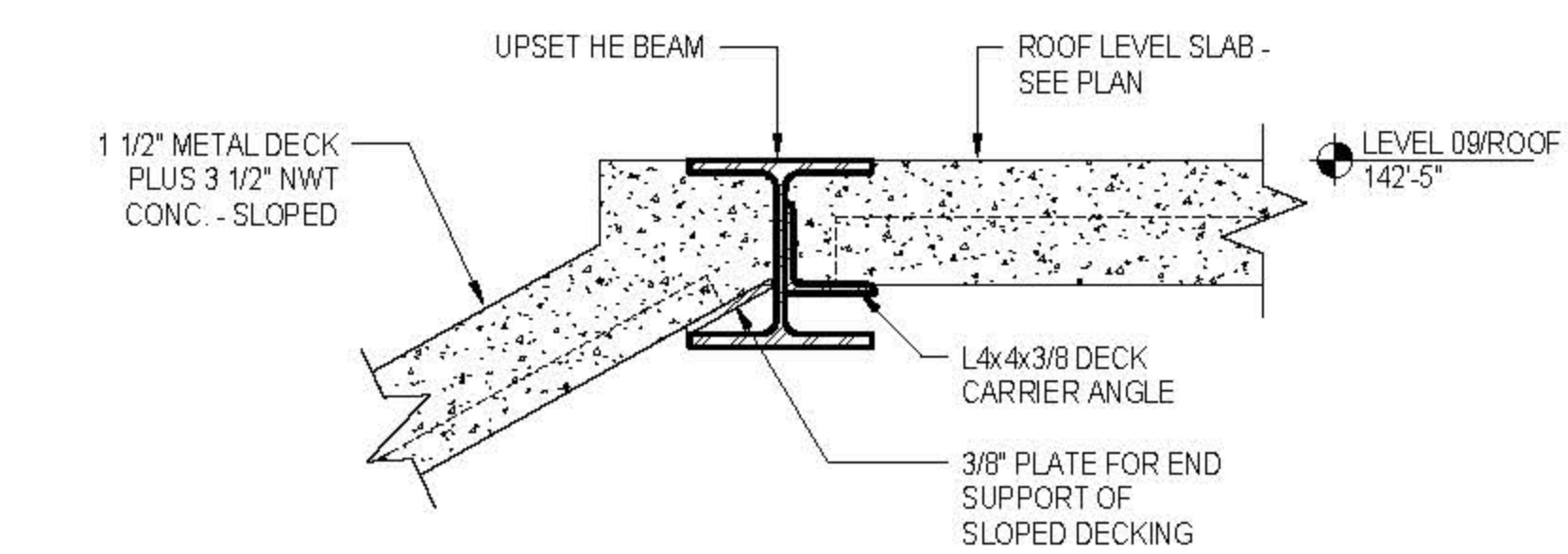
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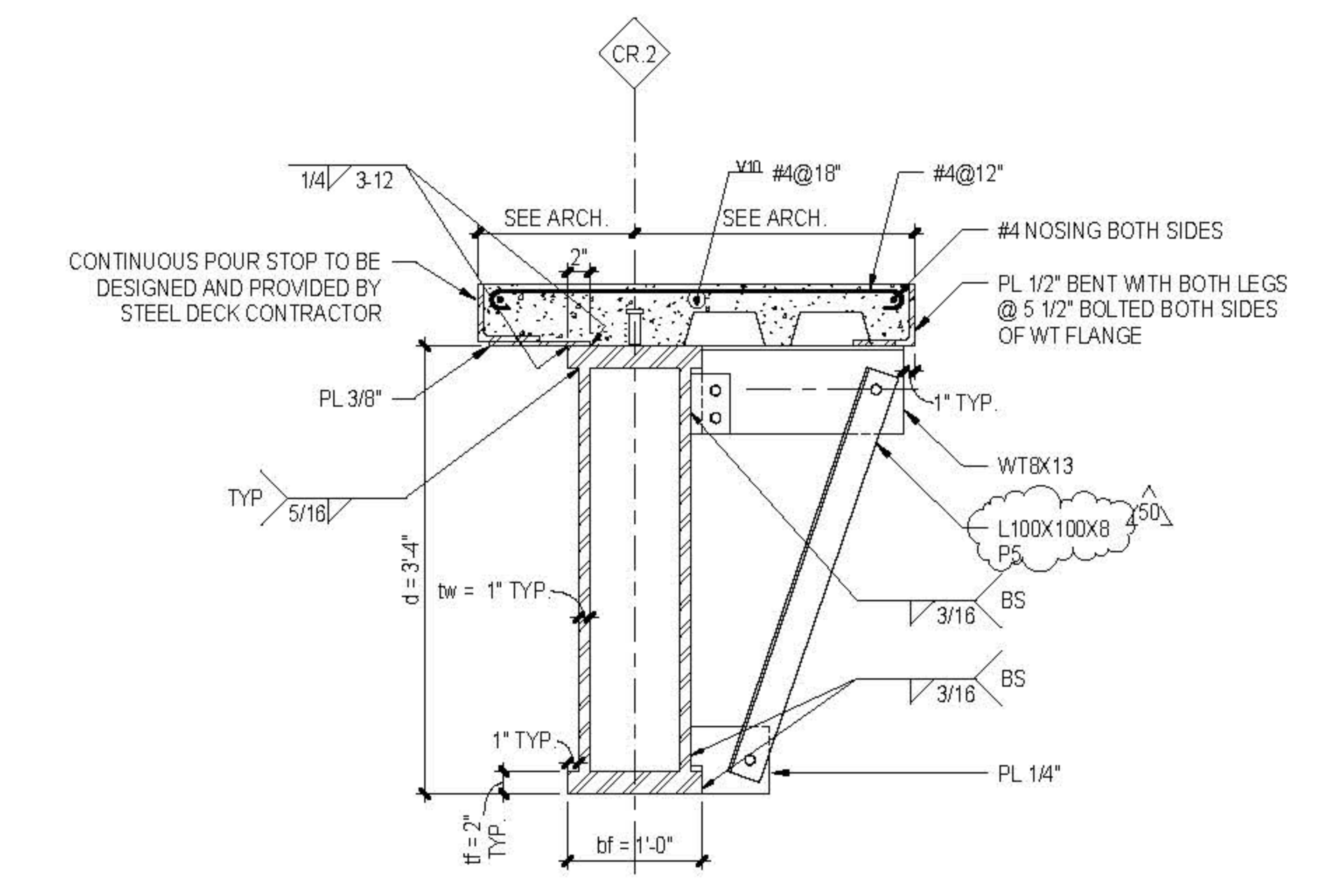
1 SECTION AT RECESS FOR ROOF STAIR
3/4" = 1'-0"



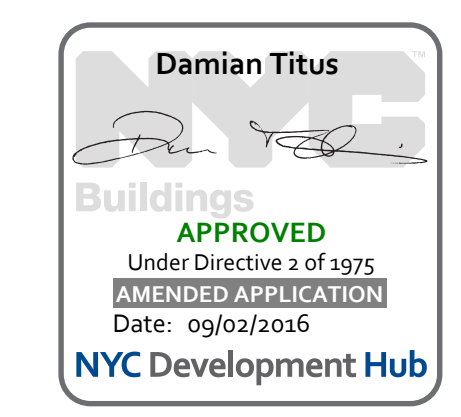
2 SECTION THROUGH INCLINED SLAB AT ROOF STAIR
3/4" = 1'-0"



3 DETAIL AT TOP OF SLOPED SLAB AT ROOF STAIR
1 1/2" = 1'-0"



4 SECTION AT ROOF STAIR SLAB EDGE
1" = 1'-0"



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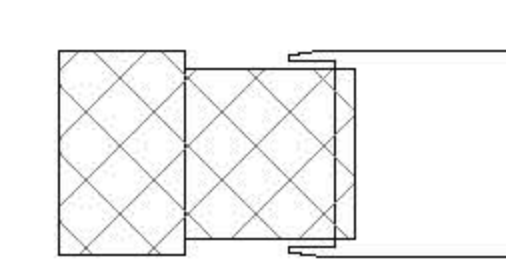
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ISSUE PRINTING DATE

NO.	DESCRIPTION	DATE
01	ISSUE	03/18/2016
11	ADV. PROCUREMENT ADDENDUM 6	04/10/2016
12	ADV. PROCUREMENT ADDENDUM 7	04/10/2016
13	ADV. PROCUREMENT ADDENDUM 8	10/02/2016

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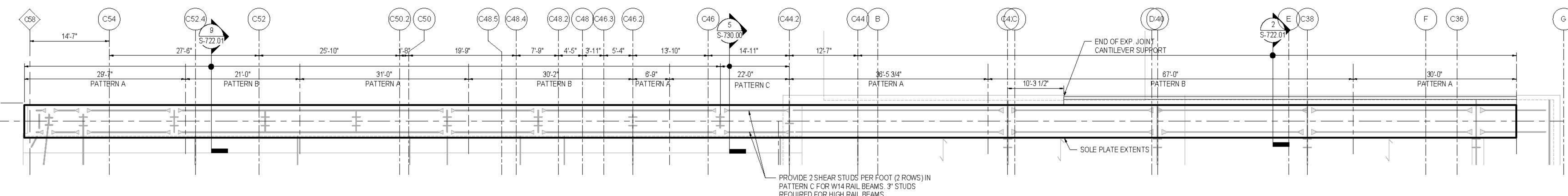
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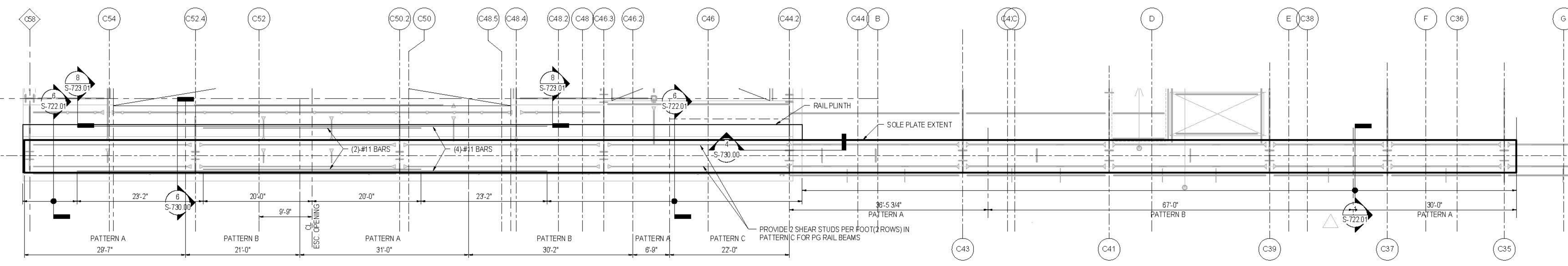
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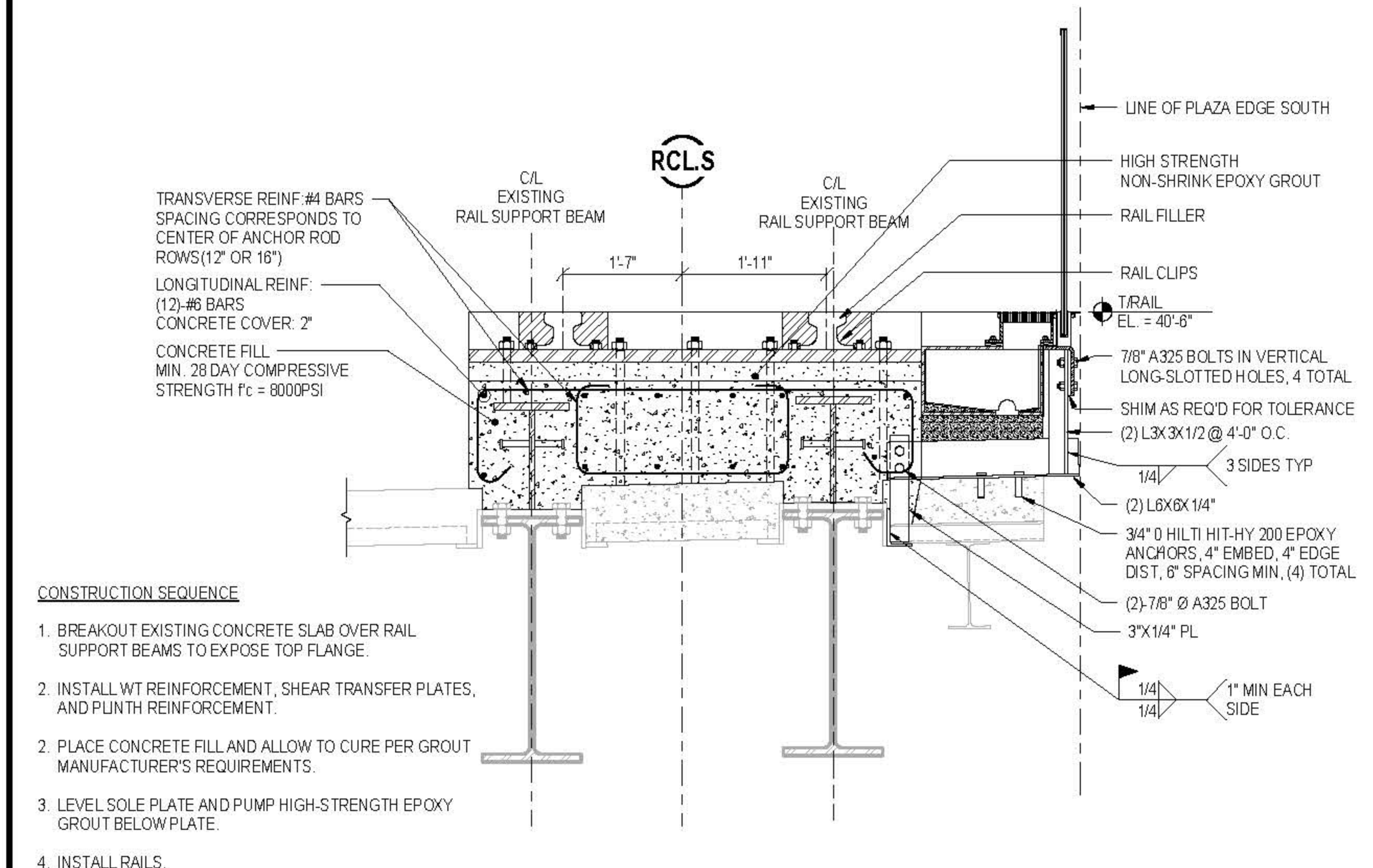
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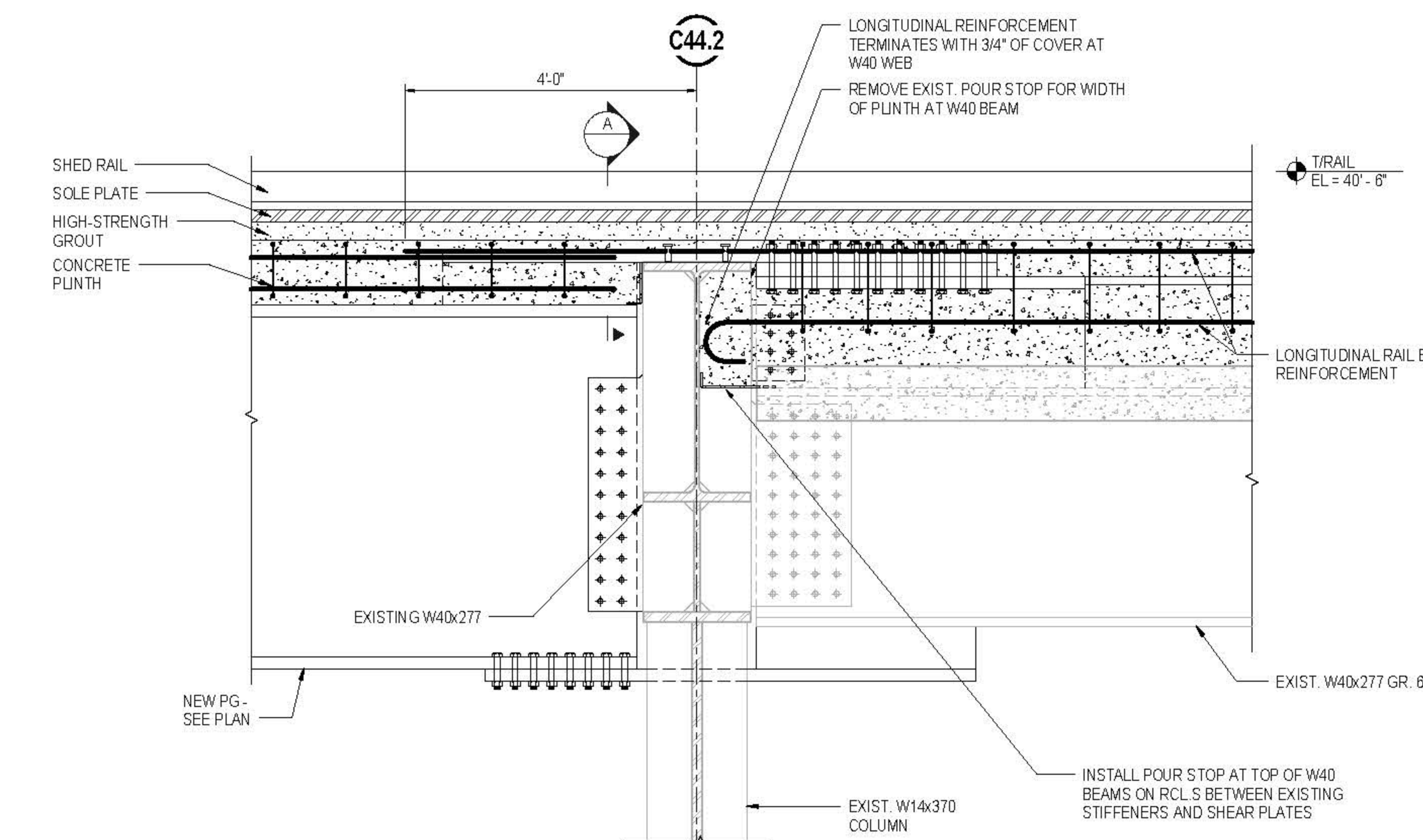
1 PLAN-RCL.A RAIL BASE DETAILS
1/8" = 1'-0"



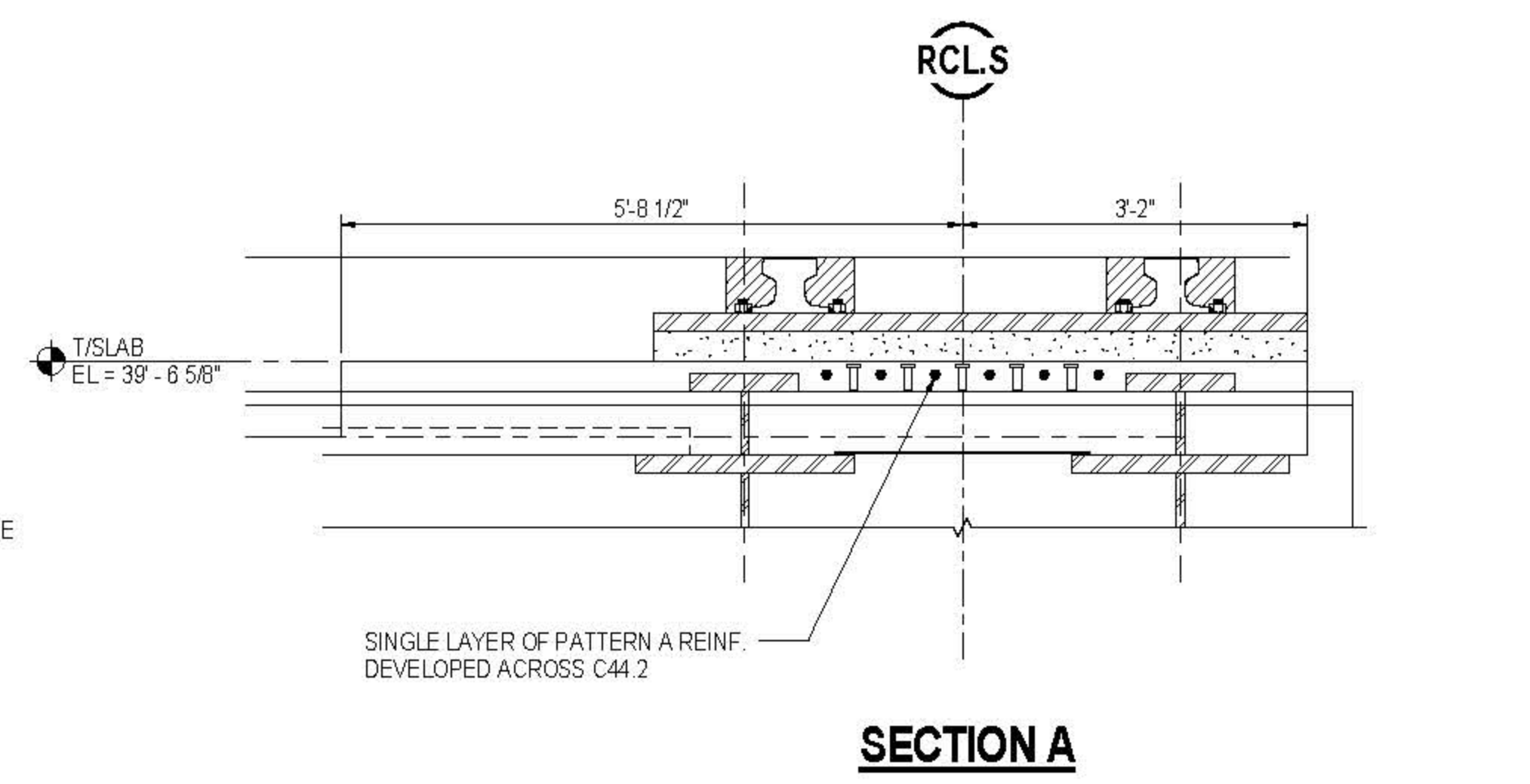
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1/8" = 1'-0"



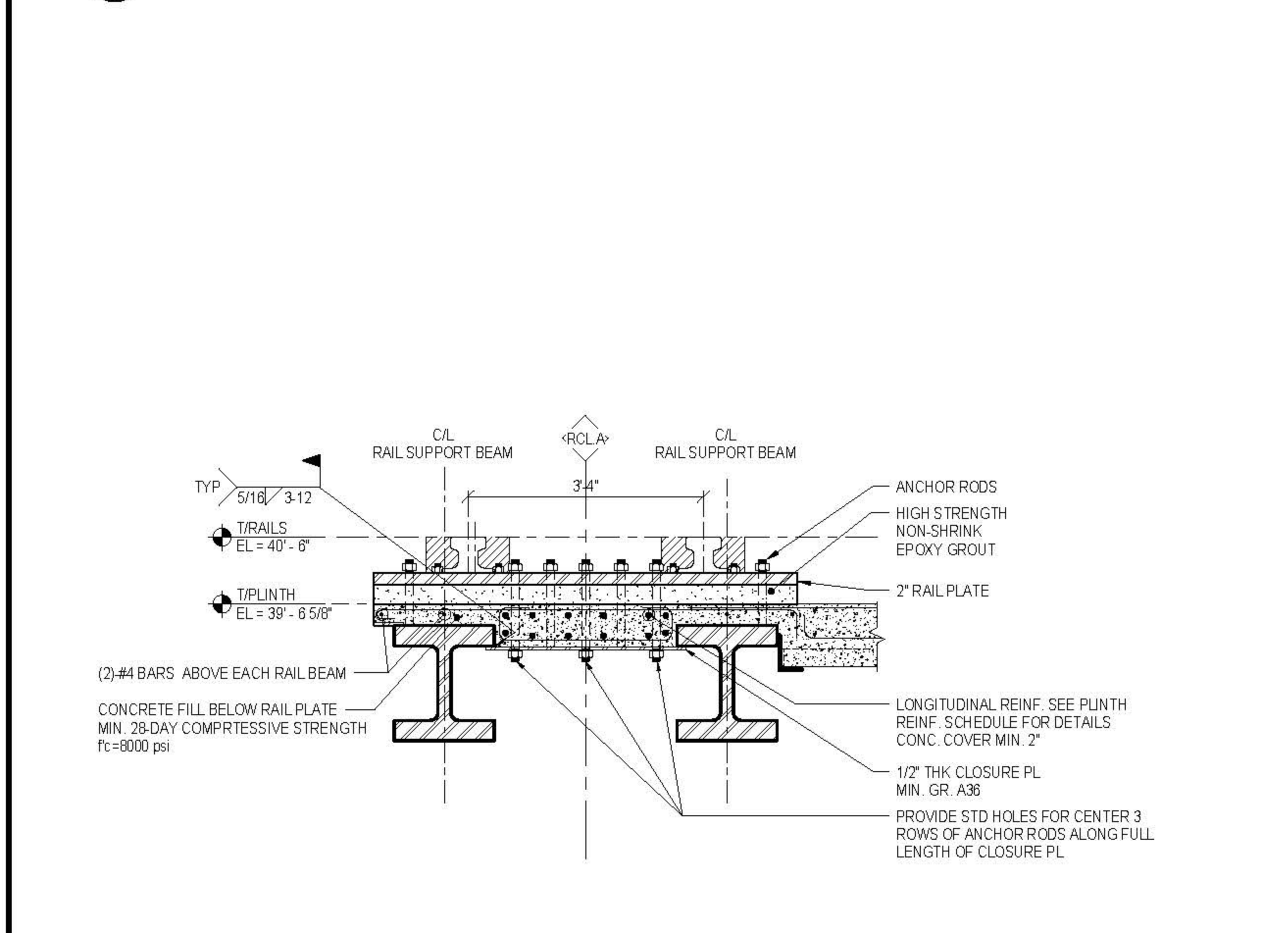
3 TYPICAL SECTION OF SOUTH RAILS AT PLAZA
3/4" = 1'-0"



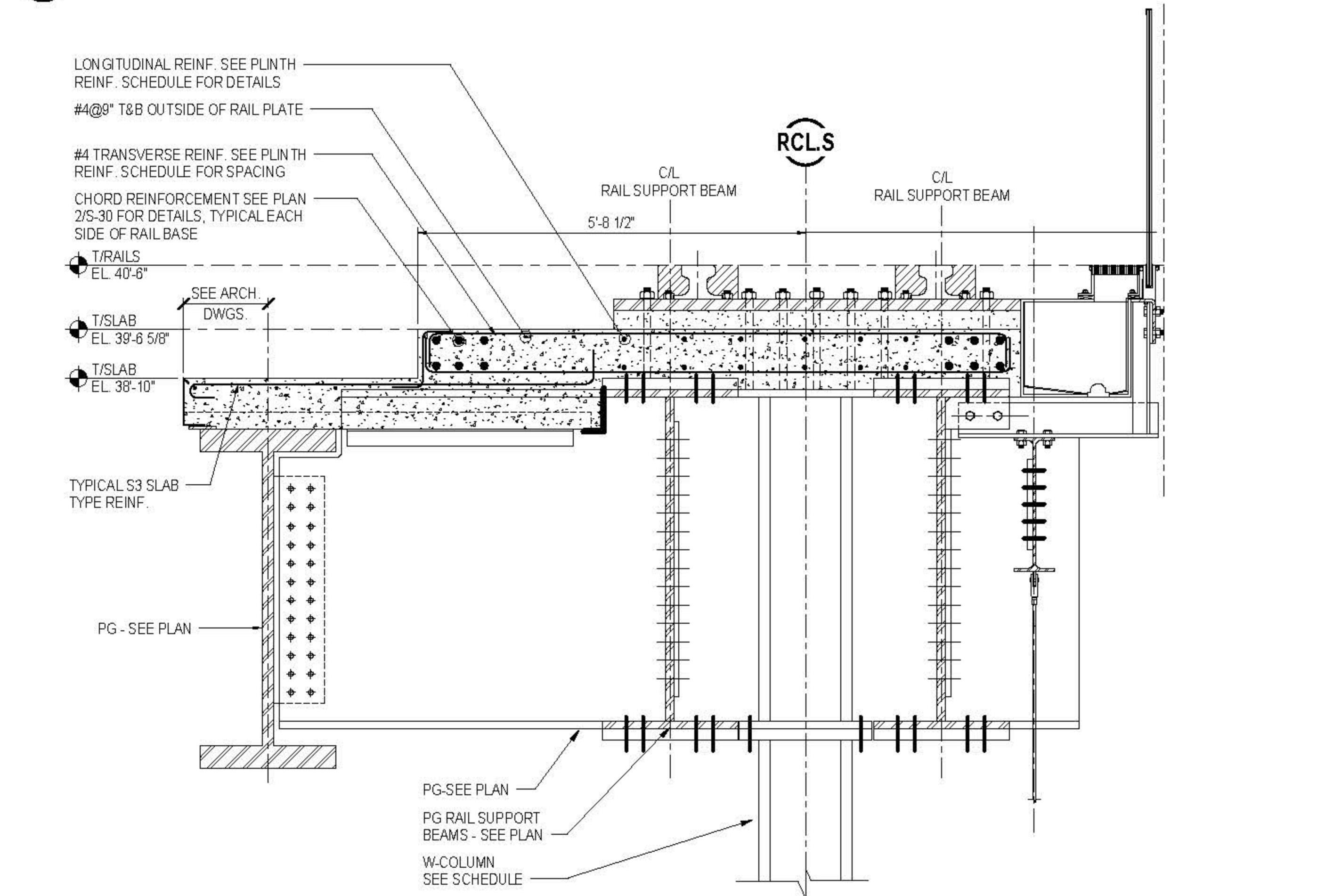
4 SECTION AT SOUTH RAIL SUPPORT BEAM AT C44.2
3/4" = 1'-0"



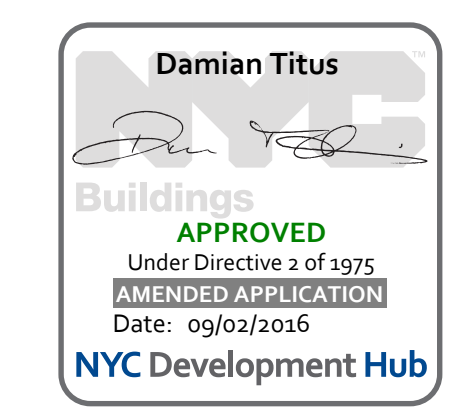
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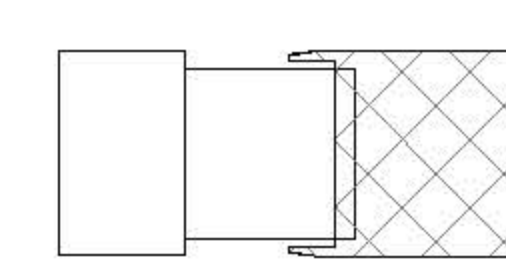


6 SECTION AT NORTH RAILS AT FIXED BUILDING-LOW CLOSURE PLATE
3/4" = 1'-0"



6 SECTION OF SOUTH RAIL BASE AT ESCALATOR OPENING
3/4" = 1'-0"





ISSUE	PRINTING	DATE
03	60	DOB AMENDMENT 7
04	30	DOB AMENDMENT 6
21		CONSTRUCTION SET
10	4	100% CONSTRUCTION DOCUMENTS
9		90% CONSTRUCTION DOCUMENTS
6		PRELIMINARY JOB SUBMISSION
1		ADVANCED PROCUREMENT BID SET



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PROJECT NUMBER: N1318.00

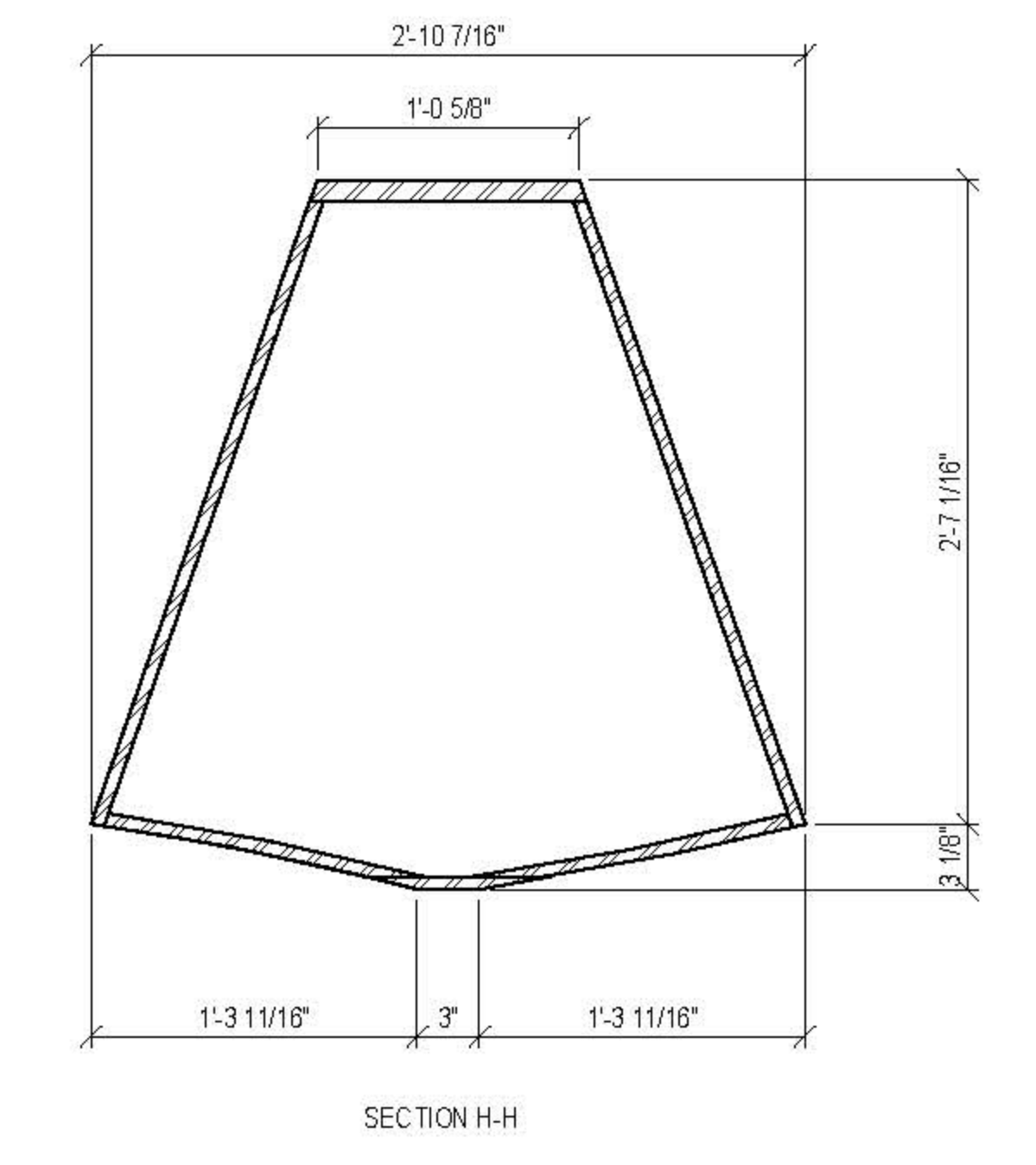
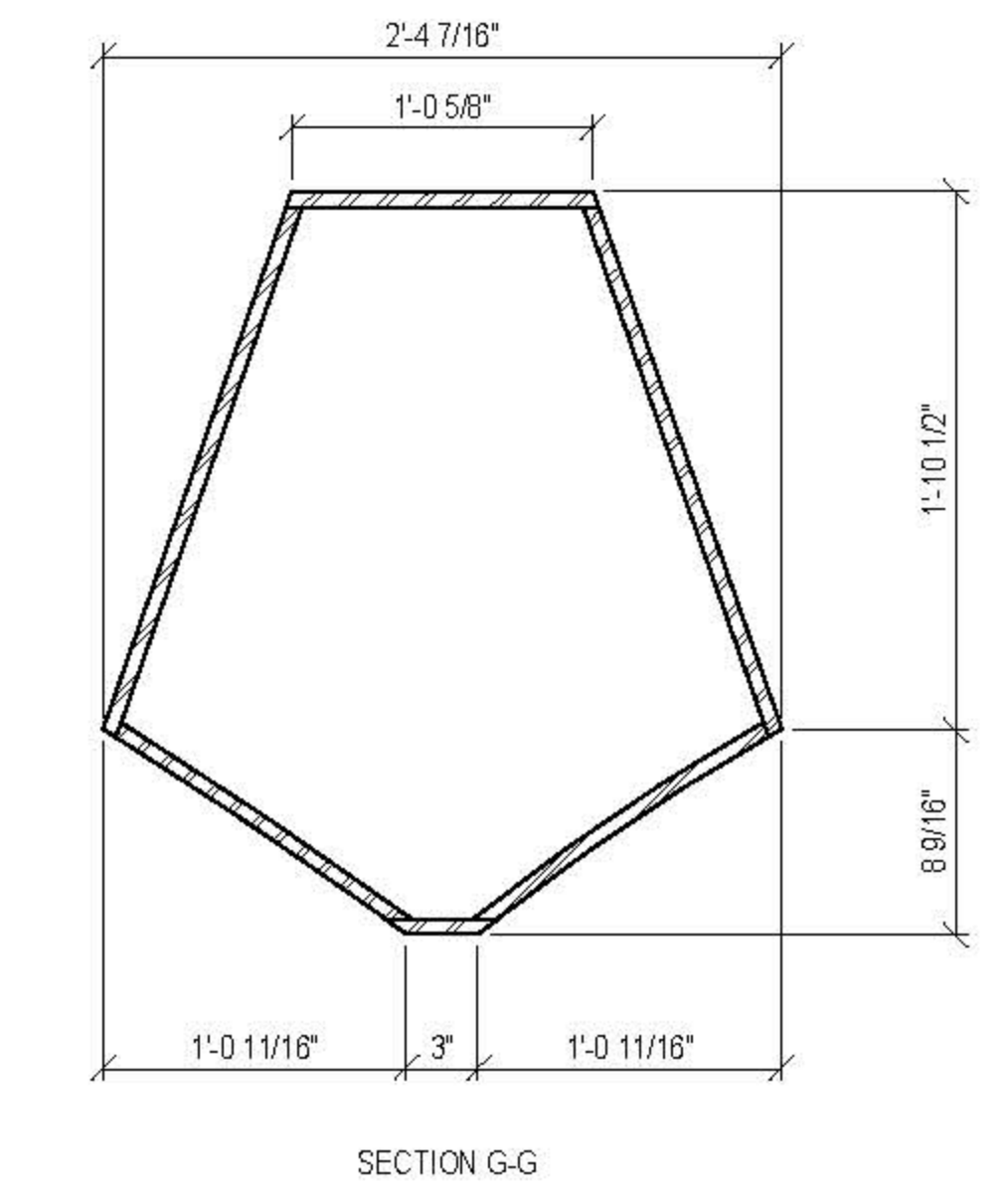
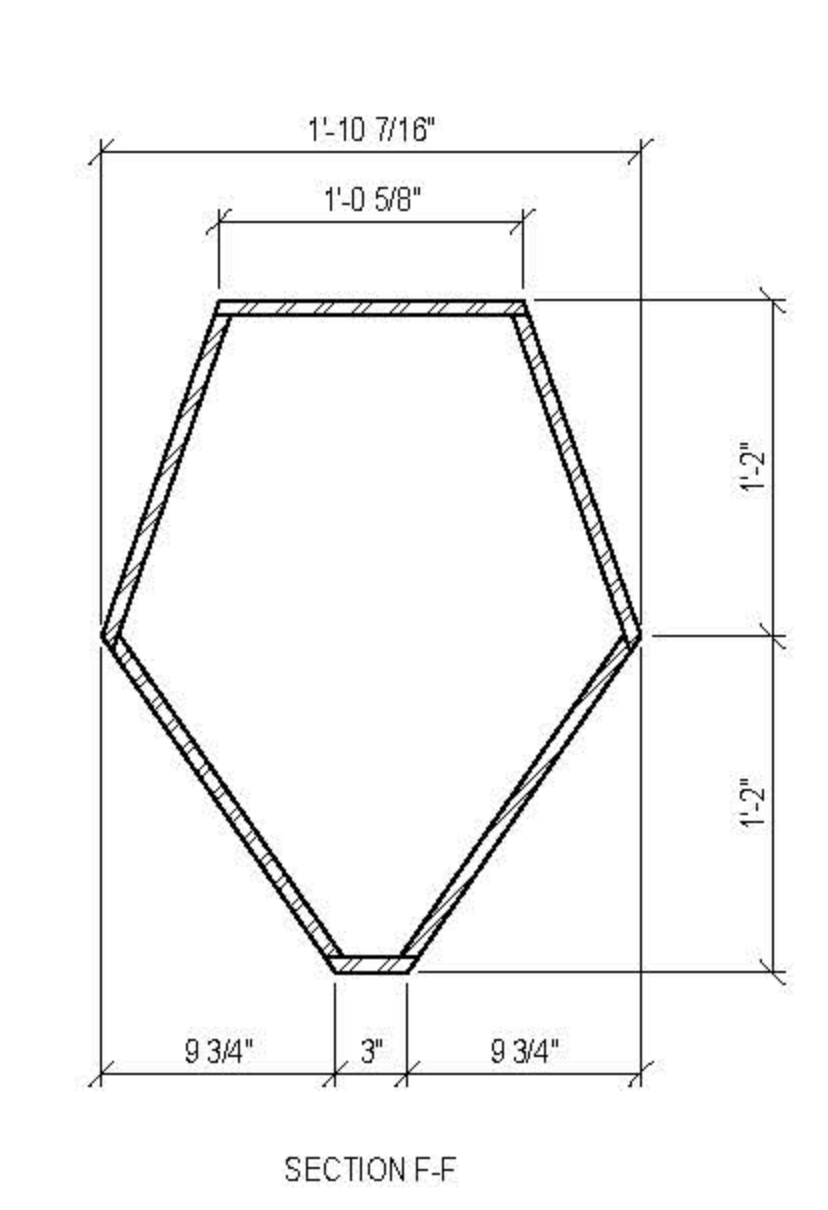
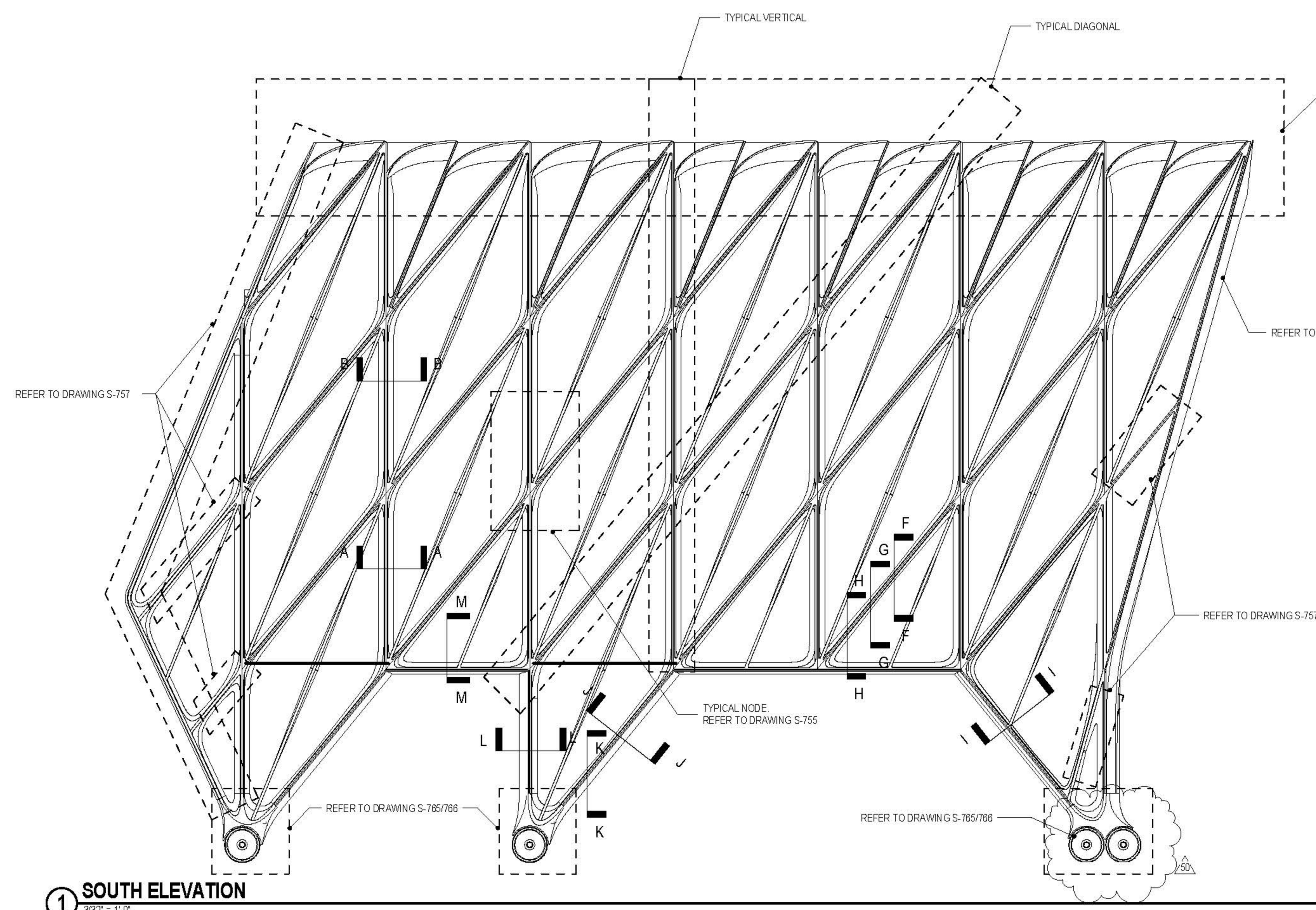
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DRAWING NO.: S-750.01

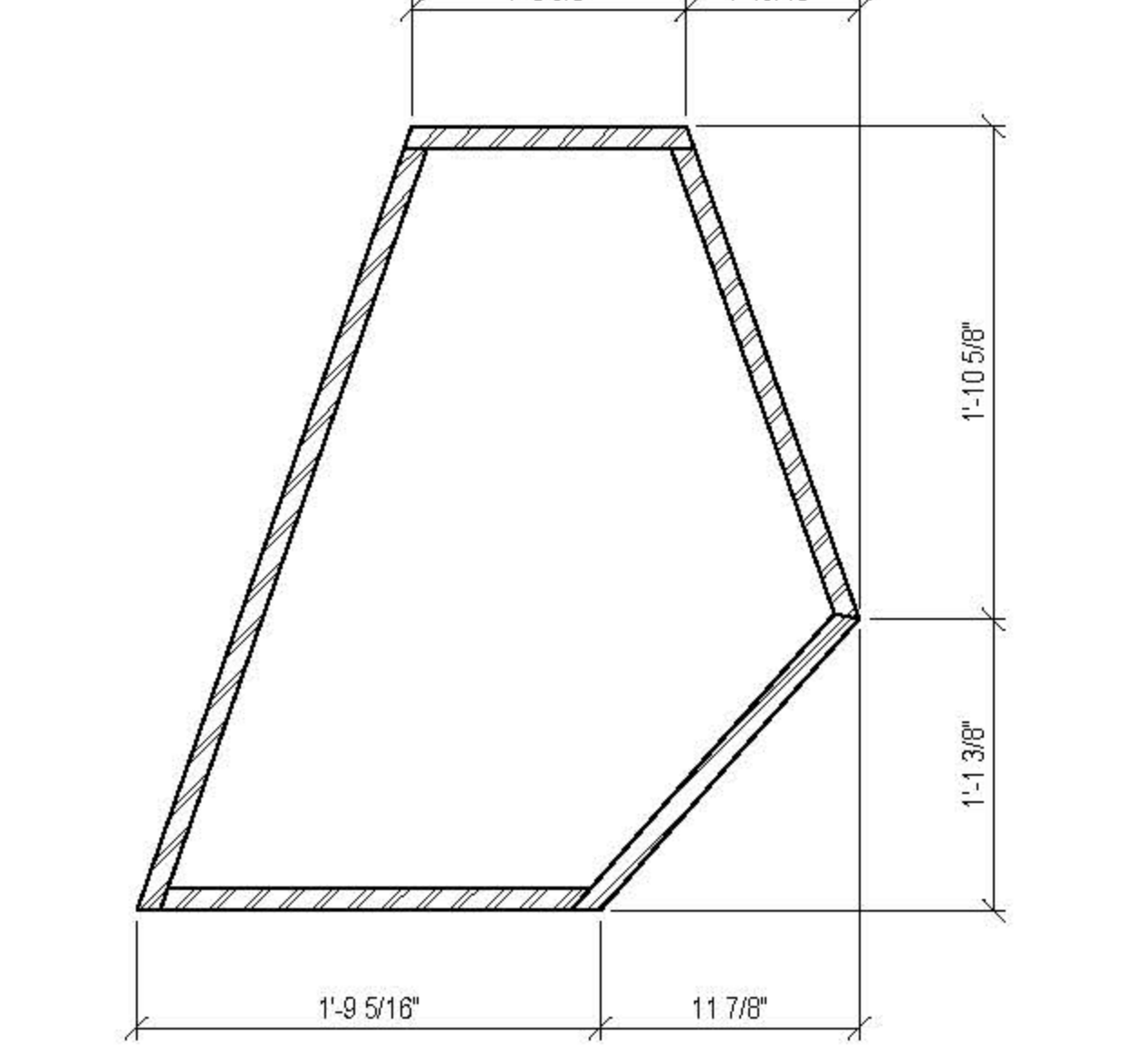
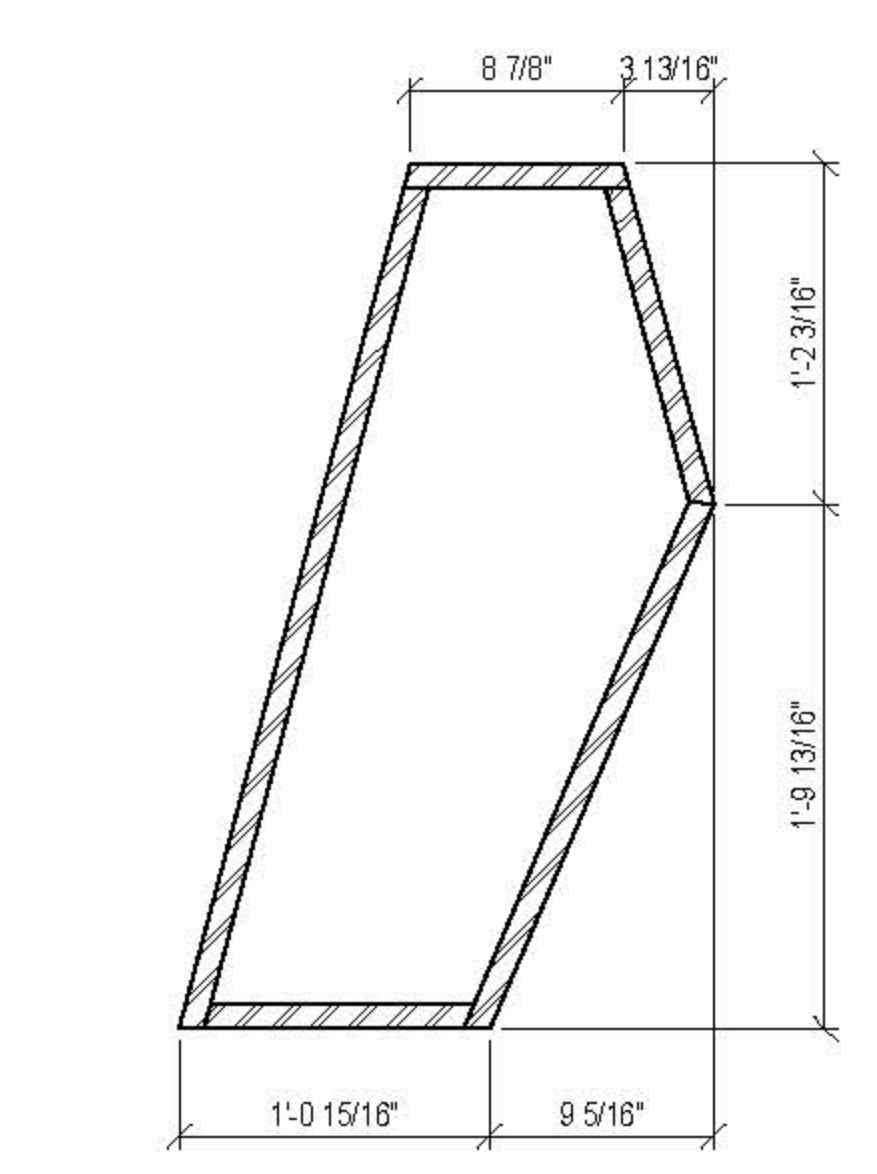
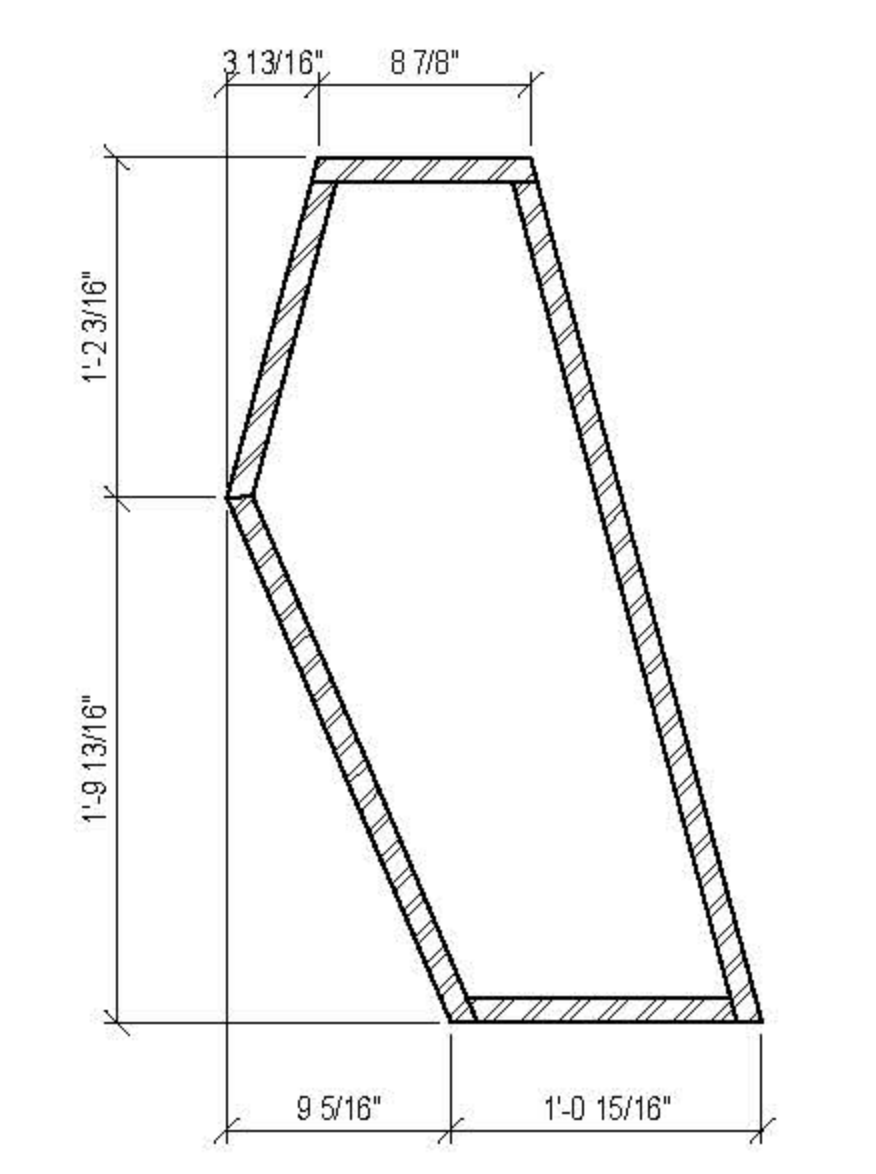
B-SCAN NO.: S-750.01

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GEOMETRY, DIMENSIONS AND SURFACE CONTOURING, BLENDING AND INTERSECTION OF SECTIONS ILLUSTRATED IN THE STRUCTURAL DRAWINGS ARE PROVIDED FOR REFERENCE AND GENERATION OF STRUCTURAL ARRANGEMENT AND DETAILS ONLY. THE 3D MODEL ISSUED BY THE ARCHITECT DEFINES THE EXTERIOR SURFACE AND SHALL BE ADHERED TO FOR THE FINAL GEOMETRY FOR DETAILS OF SECONDARY STEEL, INCLUDING STRUCTURAL CLADDING REFER TO ARCHITECTURE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ANY DISCREPANCIES OR AMBIGUITIES FOR DISCUSSION, RESOLUTION AND DIRECTION FROM THE ARCHITECT AND SER.



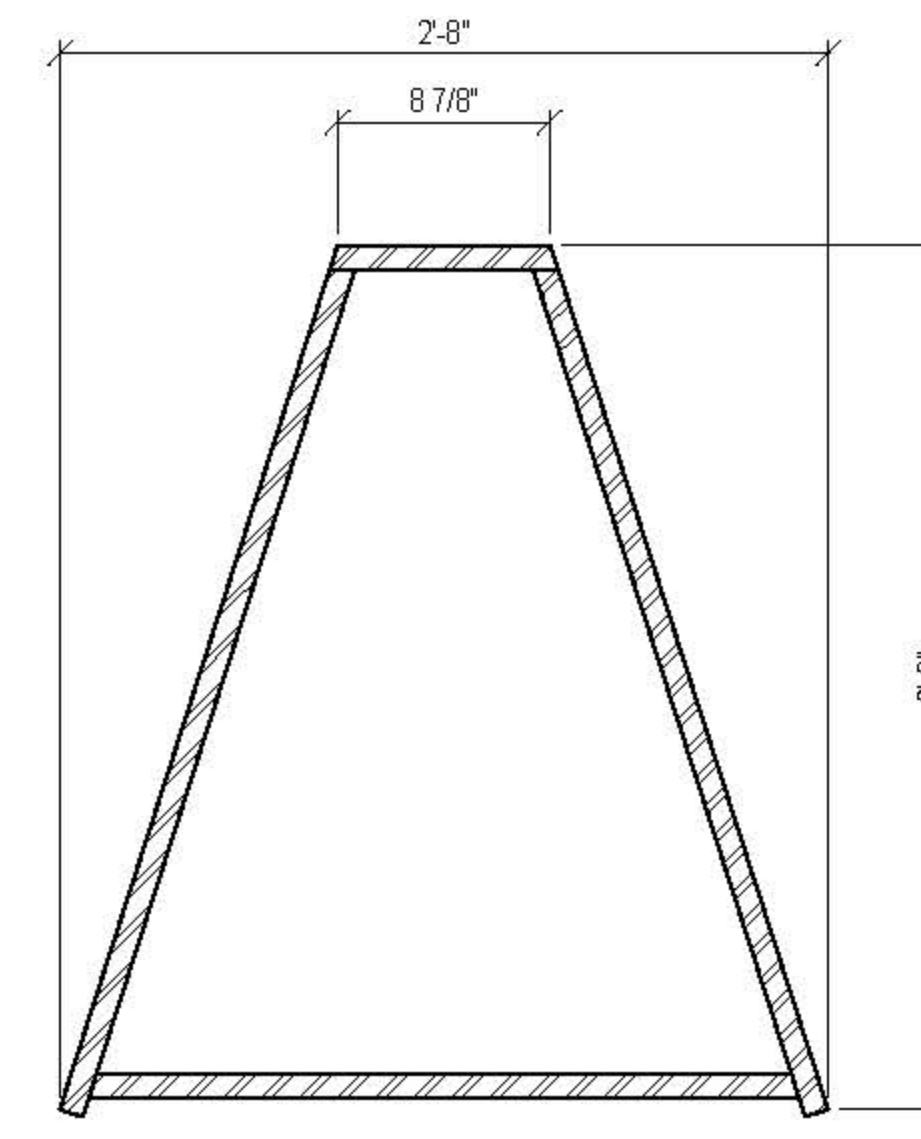
5 TYPICAL DIAGONAL SECTION DIAPHRAGM
1 1/2" = 1'-0"



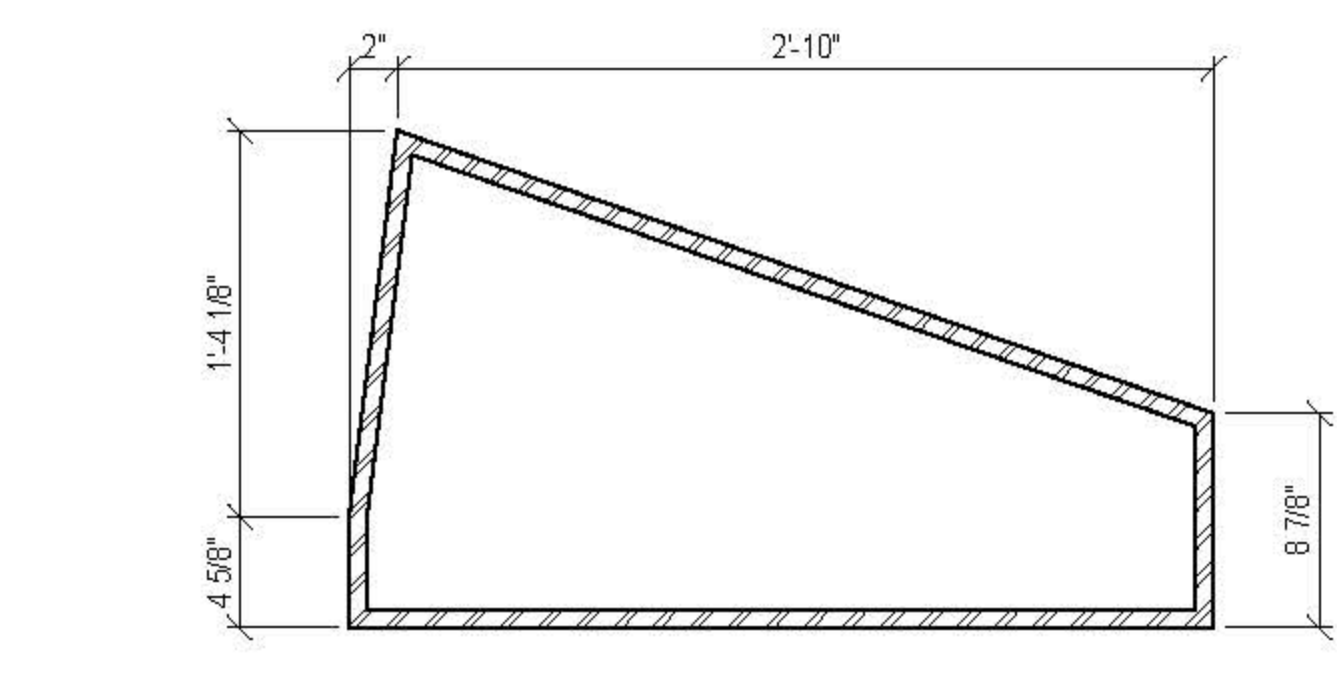
6 SECTION I-I
1 1/2" = 1'-0"

7 SECTION J-J
1 1/2" = 1'-0"

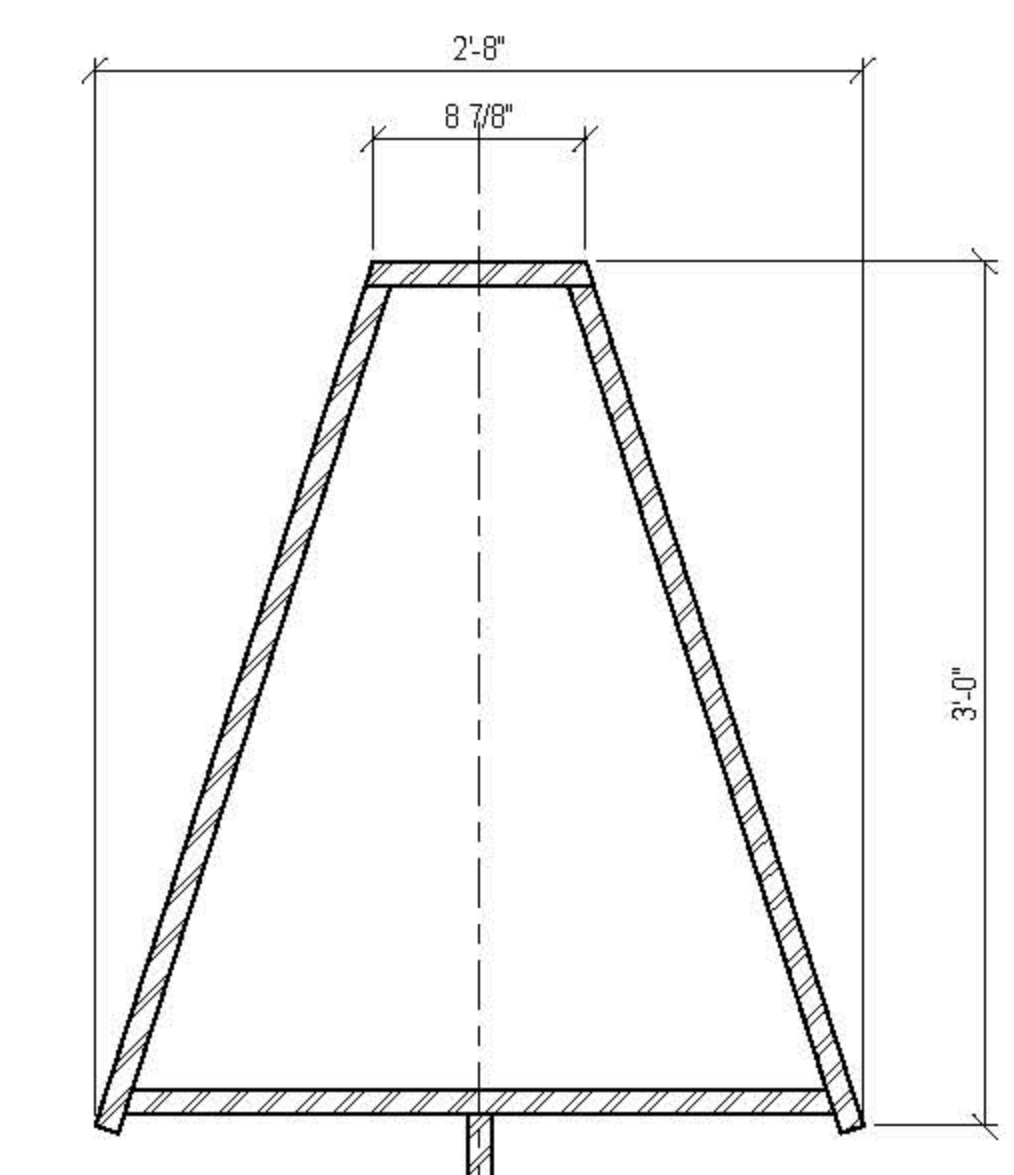
8 SECTION K-K
1 1/2" = 1'-0"



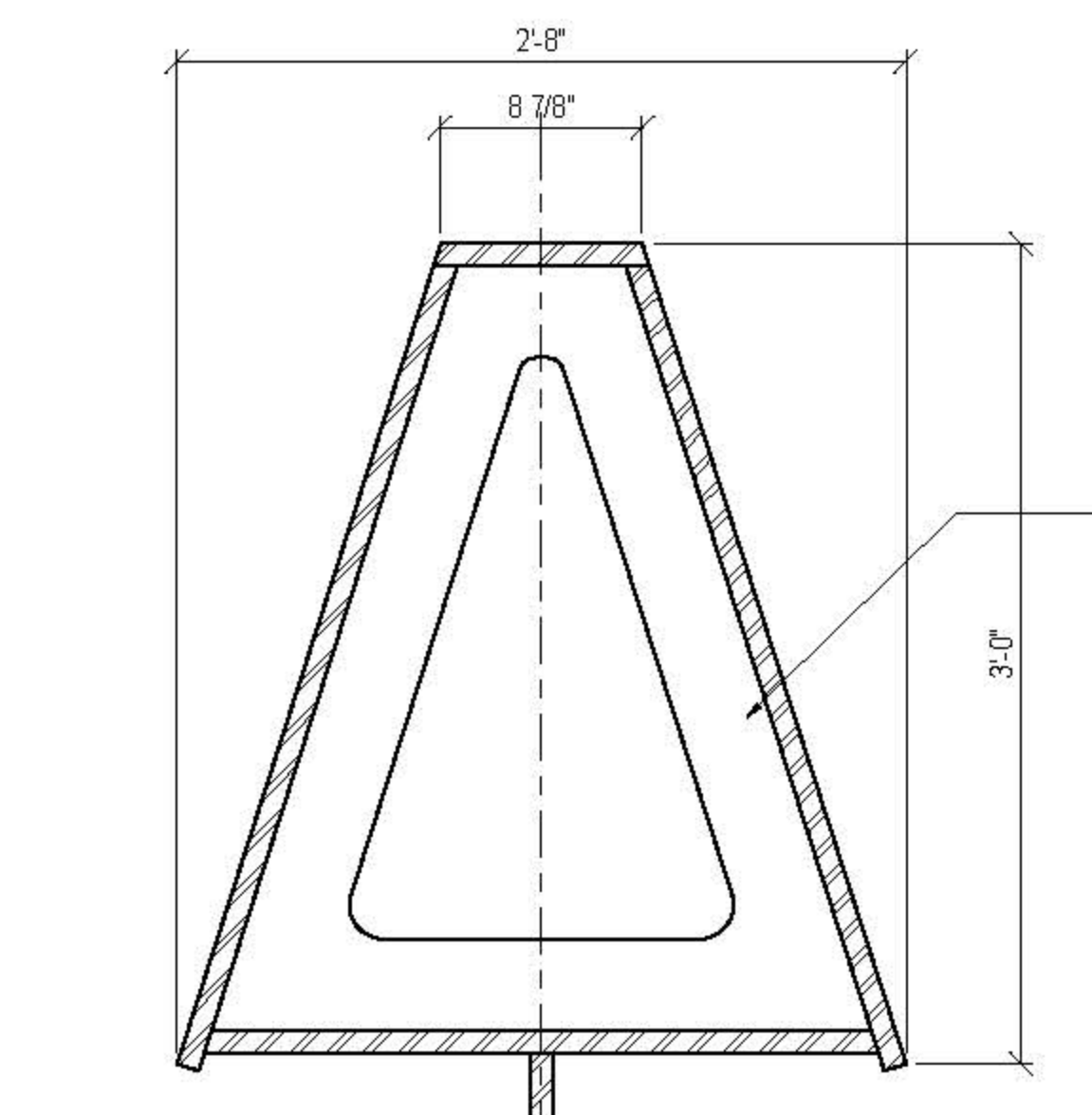
9 SECTION L-L
1 1/2" = 1'-0"



10 SECTION M-M
1 1/2" = 1'-0"



2 SECTION A-A-TYPICAL VERTICAL SECTION
1 1/2" = 1'-0"



3 SECTION B-B-TYPICAL VERTICAL SECTION AT DIAPHRAGM
1 1/2" = 1'-0"

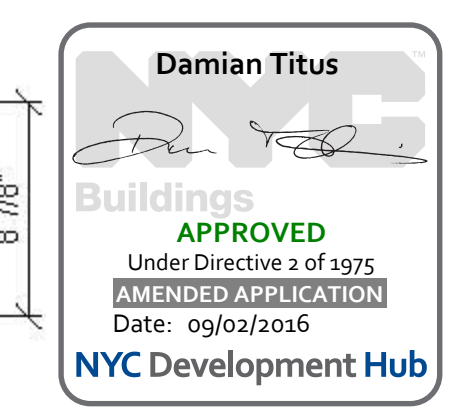
MECHANICAL DUCTWORK REFER TO S-786

MECHANICAL DUCTWORK REFER TO S-786

4"x3/8" PLATE DIAPHRAGM
DIAPHRAGMS SHOWN INDICATIVELY FOR FABRICATION. FABRICATOR TO PROPOSE DETAIL AND SPACING (TYP 8" C/C)

NOTES: REFER TO DRAWING S-751 FOR TYPICAL PLATE THICKNESSES NORTH WALL SIMILAR REFER TO S-753 & S-754 FOR WELD DETAILS

PENDING COORDINATION DURING DESIGN ASSIST. SUBJECT TO FINAL FORCES AND PLATE THICKNESSES TBD



GEOMETRY, DIMENSIONS AND SURFACE CONTOURING, BLENDING AND INTERSECTION OF SECTIONS ILLUSTRATED IN THE STRUCTURAL DRAWINGS ARE PROVIDED FOR REFERENCE AND GENERATION OF STRUCTURAL ARRANGEMENT AND DETAILS ONLY. THE 3D MODEL ISSUED BY THE ARCHITECT DEFINES THE EXTERIOR SURFACE AND SHALL BE ADHERED TO FOR THE FINAL GEOMETRY. FOR DETAILS OF SECONDARY STEEL, INCLUDING STRUCTURAL CLADDING REFER TO ARCHITECTURE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ANY DISCREPANCIES OR AMBIGUITIES FOR DISCUSSION, RESOLUTION AND DIRECTION FROM THE ARCHITECT AND SER.

THE GEOMETRY CREATED BY THE INTERSECTING ELEMENTS SHALL BE IN ACCORDANCE WITH THE 3D MODEL. THE LEVEL OF QUALITY IS TO BE SIMILAR TO THE COMMISSIONED MOCK-UP FOR THE TYPICAL NODE. THE GENERAL CONCEPT IS THAT EDGES FLOW SMOOTHLY AND CONTINUOUSLY BETWEEN THE EDGE OF THE ELEMENT TO THE CORRESPONDING EDGE OF THE ADJACENT ELEMENT AND THE INTERLYING SURFACES BETWEEN THESE EDGES ARE BLENDED AND CONTOURED TO DEFINE A SMOOTH, UNINTERRUPTED TRANSITION.

NOTE: TONNAGES ARE PROVIDED BASED ON THE MINIMUM PLATE THICKNESSES SHOWN IN S-751 INTERSECTING AT NODES. THIS DRAWING REPRESENTS A PROPOSAL TO AID FABRICATION TO PROVIDE A UNIFORM THICKNESS THROUGH ANY GIVEN NODE FOR DIAGONALS AND VERTICALS RESPECTIVELY. A UNIFORM PLATE THICKNESS THROUGH THE ENTIRE NODE MAY BE PROPOSED BY THE FABRICATOR SUBJECT TO APPROVAL BY ARCHITECT AND SER.

ARCHITECTS
Oiler Scudiero + Renfro Architects, DPC
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LIGHTING DESIGNER
Tilston Design Associates
40 North Street #160
New York, New York 10013
T: 212.675.7760

THEATRE PLANNING & DESIGN
Fisher Dodge Associates
22 West 15th Street
New York, New York 10011
T: 212.691.3000

LIFE SAFETY
Code Consultants, Inc.
215 West 43rd St, 15th Fl.
New York, New York 10018
T: 212.216.9596

ENERGY MODEL AEEED
Vindian
60 Washington Street
Norwalk, CT 06854
T: 203.298.1411

ACOUSTIC/AUDIO-VISUAL
Anaville
93 North Main Street
South Norwalk, CT 06854
T: 347.210.5540

VERTICAL TRANSPORTATION
Van Duunen & Associates
5 Regent Street, Suite 524
Lakewood, NJ 07038
T: 973.994.9220

SPECIFICATIONS
Construction Specifications Inc.
PO Box 489
227 Tenth Road
Morganville, NJ 07751
T: 732.970.0700
F: 732.970.0750

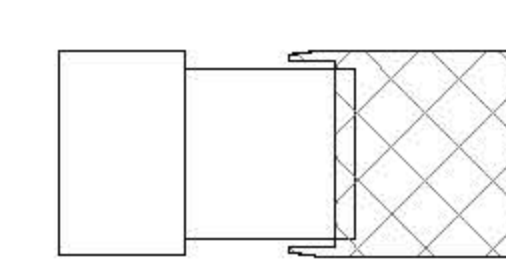
SECURITY
Duchella Venter & Santoro
1100 Sherman Avenue
Hartford, CT 06114
T: 203.286.6490

WATERPROOFING
James R. Galford AIA Consulting Architects PC
104 West 27th Street
New York, NY 10001
T: 212.736.3344

FACADE MAINTENANCE
Erick Engineering PLLC
186 Arden Street
New York, NY 10005
T: 212.698.3000

BRANDING GRAPHICS
2nd Global Design Consultancy
180 Varck Street 15th Floor
New York, NY 10014
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KEY PLAN



ISSUE

ISSUE	PRINTING	DATE
01	01	08/19/2016
02	02	08/23/2016
03	03	08/23/2016
04	04	08/23/2016
05	05	08/23/2016
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88	88	08/23/2016
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90	90	08/23/2016

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Autism

CHECKED BY
Chris

PROJECT NUMBER
N11318.00

TITLE
TYPICAL WALL PLATE THICKNESSES II

DRAWING NO.
S-752.01

B-SCAN NO.

S-752.01

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PENDING COORDINATION DURING DESIGN ASSIST. SUBJECT TO FINAL FORCES AND PLATE THICKNESSES TBD

90 of 123

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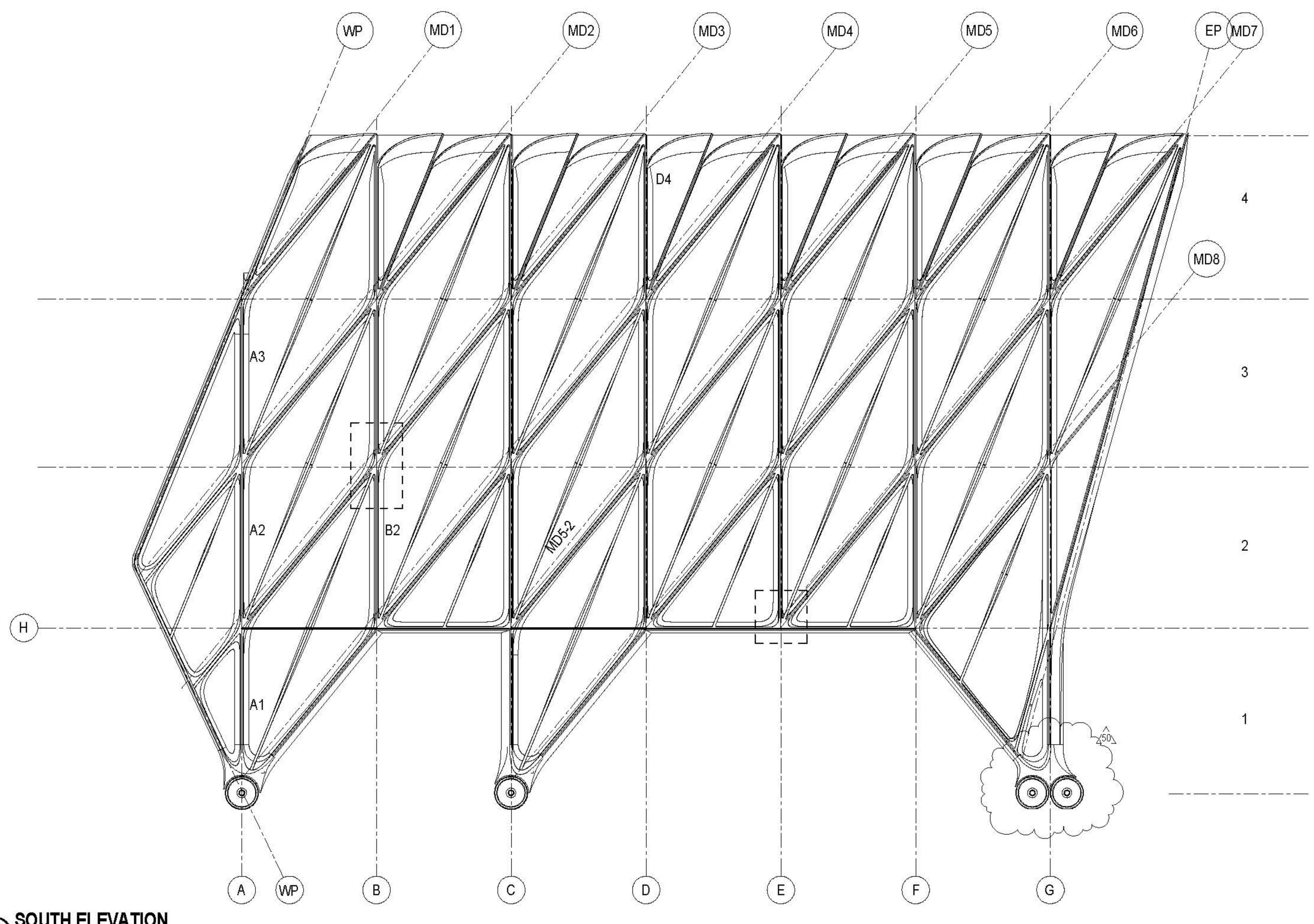
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90 of 123

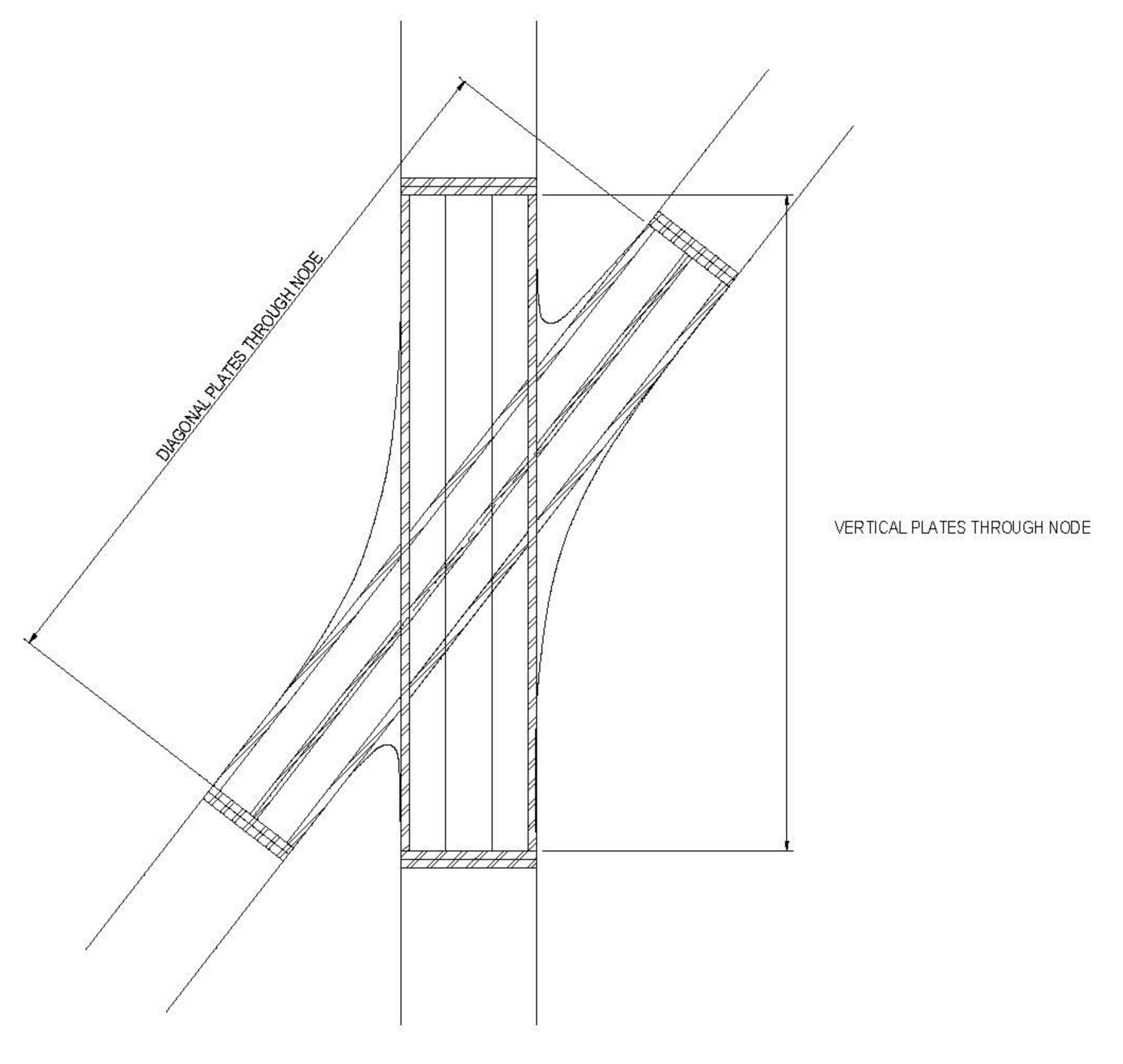
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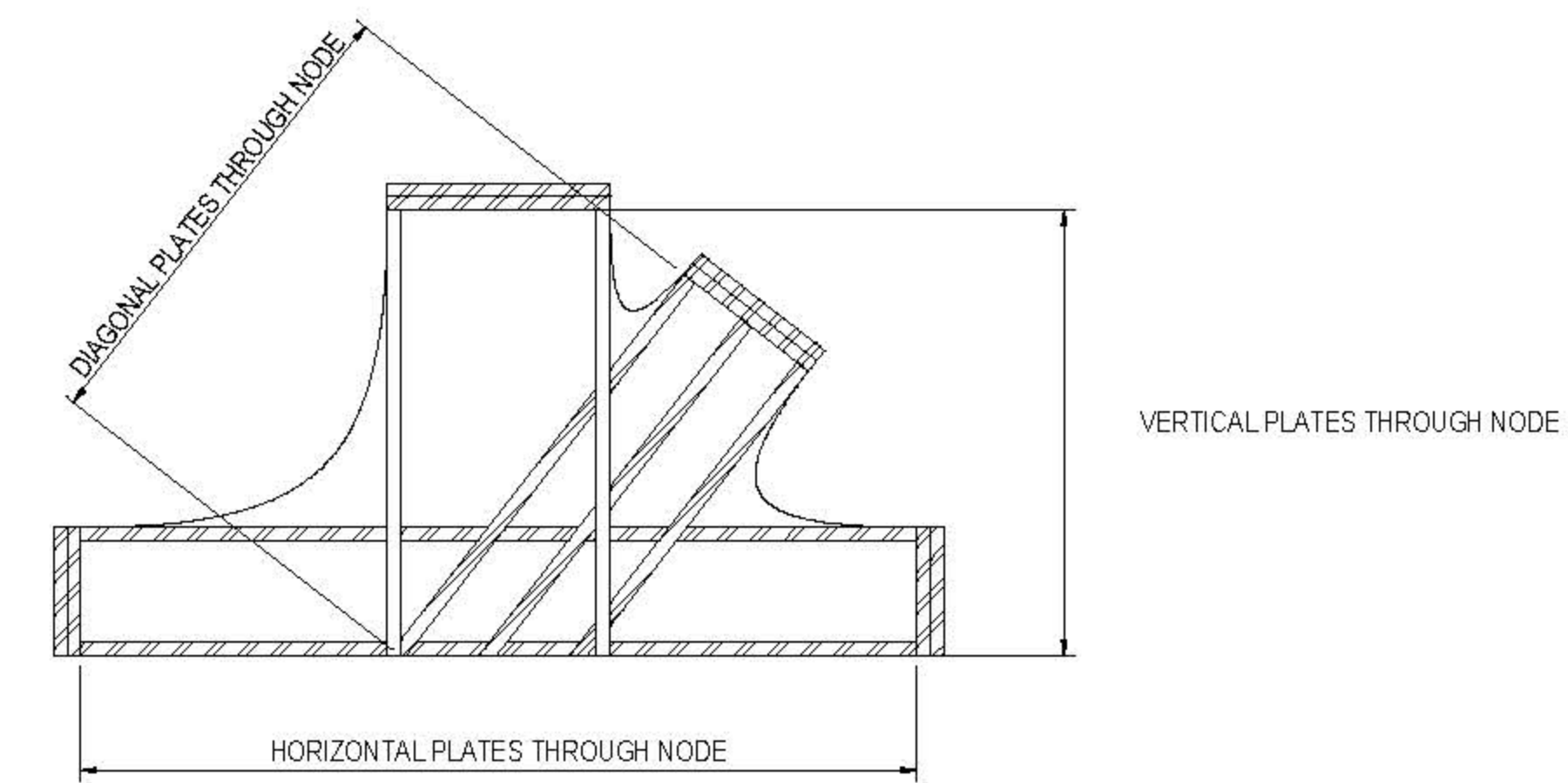


1 SOUTH ELEVATION
3/32" = 1'-0"



2 TYPICAL NODE SECTION
1/2" = 1'-0"

NOTE: THE GEOMETRY CREATED BY THE INTERSECTING MAIN VERTICALS AND DIAGONALS SHALL BE IN ACCORDANCE WITH THE 3D MODEL AND FOLLOW, AS A MINIMUM, THE QUALITY EXHIBITED IN THE COMMISSIONED MOCK-UP. THE GENERAL CONCEPT IS THAT EDGES FLOW SMOOTHLY AND CONTINUOUSLY BETWEEN THE STRAIGHT EDGE OF A DIAGONAL THROUGH A CURVE TO THE ADJACENT EDGE OF VERTICAL AND THE INTERLYING SURFACE BETWEEN THESE EDGES ARE BLENDED AND CONTOURED TO DEFINE A SMOOTH, UNINTERRUPTED TRANSITION.

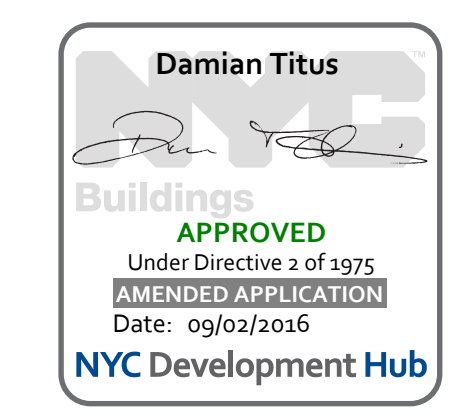


3 HEADER NODE SECTION
1/2" = 1'-0"

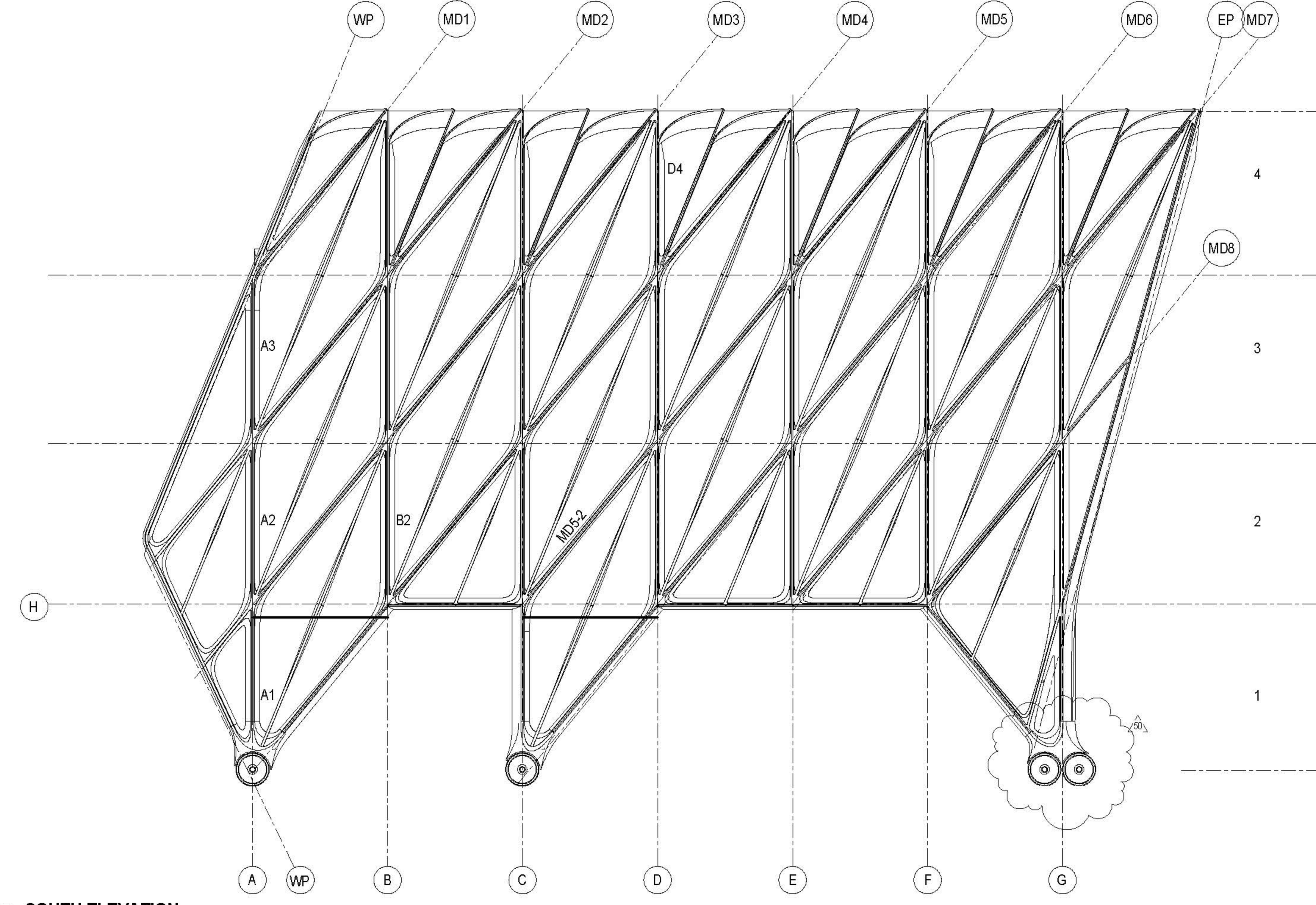
NODE INTERSECTION		VERTICAL PLATES THROUGH NODE*	DIAGONAL PLATES THROUGH NODE*	HORIZONTAL PLATES THROUGH NODE*
VERTICAL	DIAGONAL			
WP	WP	1/2"	1/2"	
A	MD1	3/4"	3/4"	
A	MD2	3/4"	3/4"	
A	MD3	3/4"	3/4"	
B	MD2	3/4"	3/4"	
B	MD3	3/4"	1"	
B	MD4	3/4"	3/4"	3/4"
C	MD3	1 1/2"	1"	
C	MD4	1 1/2"	1 1/4"	
C	MD5	2"	2"	2"
D	MD4	1"	1 1/4"	
D	MD5	1"	2"	
D	MD6	1"	2 1/4"	1"
E	MD5	5/8"	5/8"	
E	MD6	5/8"	1/2"	
E	MD7	5/8"	5/8"	3/4"
F	MD6	5/8"	5/8"	
F	MD7	5/8"	1"	
F	MD8	1"	1"	1"
G	MD7	1 1/2"	1"	
G	MD8	1 1/2"	1"	

3 NODE PLATE THICKNESSES
1/16" = 1'-0"

*FOR COMMON SURFACES THE LARGER THICKNESS IS TO BE ADOPTED



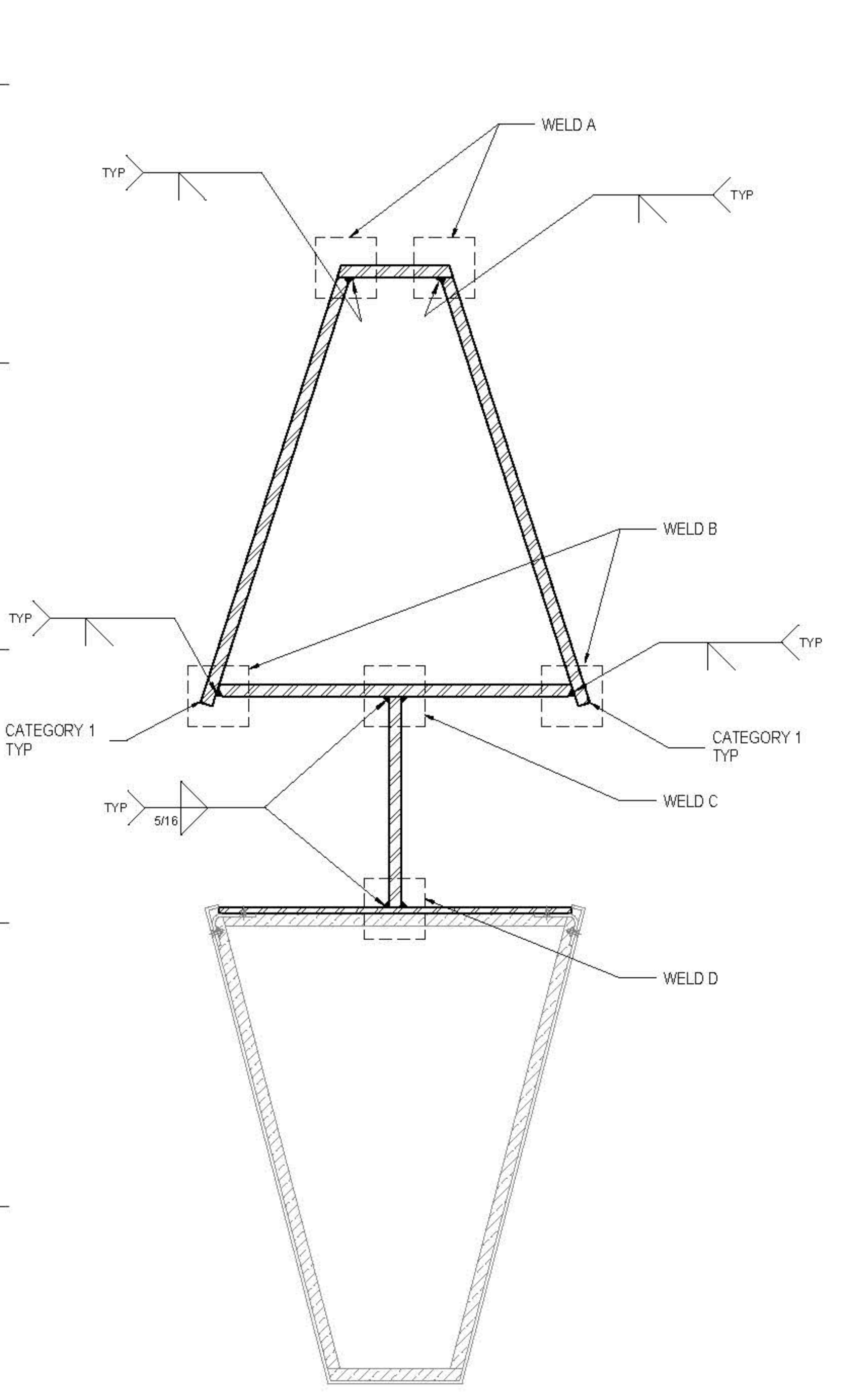
PENDING COORDINATION DURING DESIGN ASSIST. SUBJECT TO FINAL FORCES AND PLATE THICKNESSES TBD



1 SOUTH ELEVATION
3/32" = 1'-0"

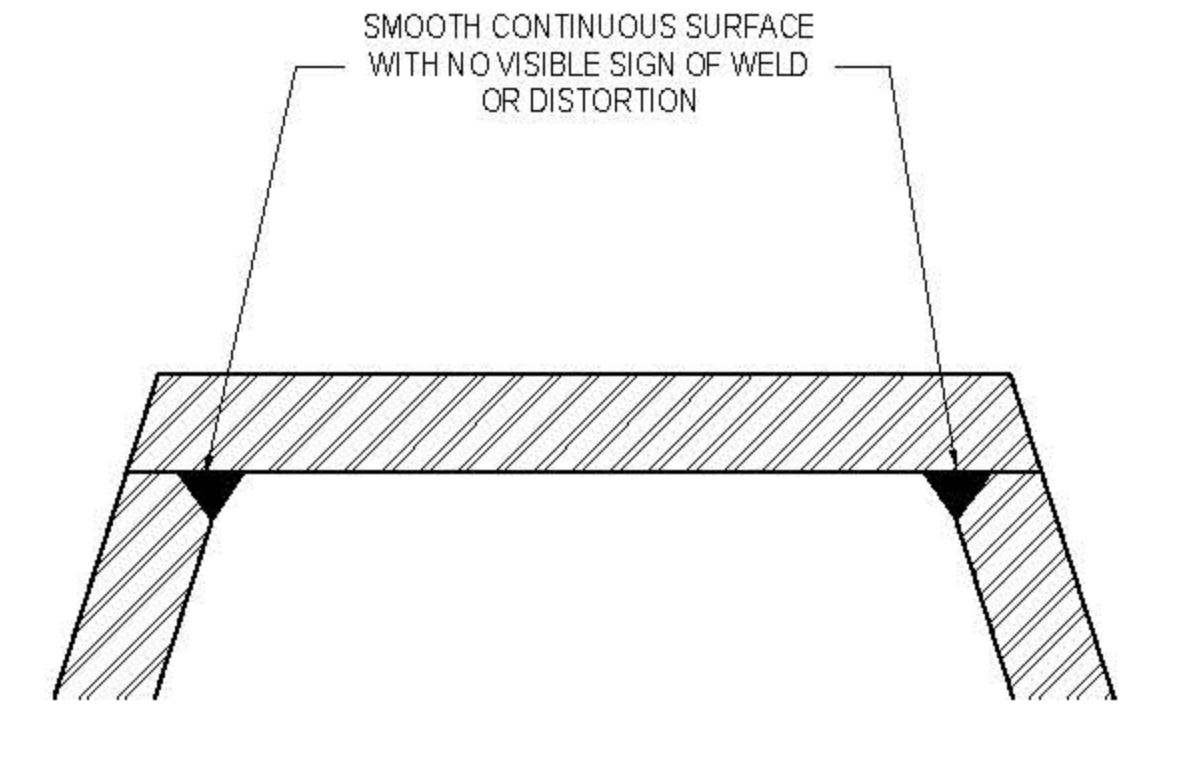
ELEMENT	EFFECTIVE THROAT SIZE	
	WELD A	WELD B
A1	5/16"	5/16"
A2	5/16"	5/16"
A3	5/16"	5/16"
B2	5/16"	5/16"
B3	5/16"	5/16"
B4	5/16"	5/16"
C1	3/8"	3/8"
C2	5/16"	5/16"
C3	5/16"	5/16"
C4	3/8"	7/16"
D2	5/16"	5/16"
D3	5/16"	5/16"
D4	5/16"	5/16"
E2	5/16"	5/16"
E3	5/16"	5/16"
E4	5/16"	5/16"
F2	5/16"	5/16"
F3	5/16"	5/16"
F4	5/16"	5/16"
G2	3/8"	3/8"
G3	5/16"	5/16"
G4	7/16"	1/2"

8 WELD SIZES
1/16" = 1'-0"

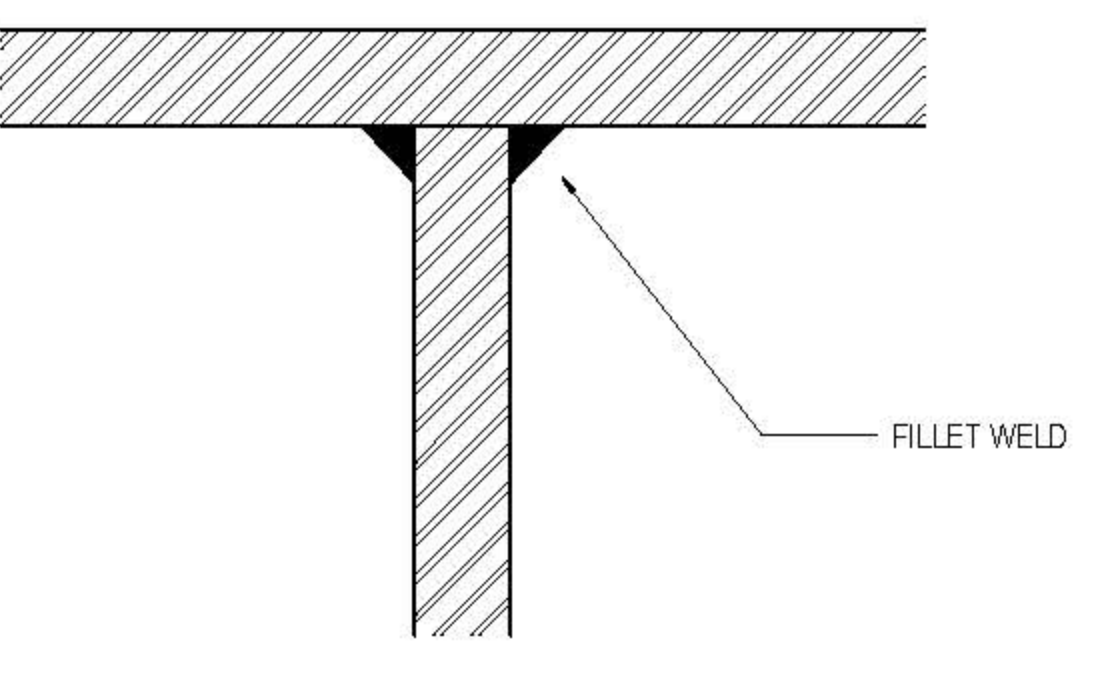


2 TYPICAL SECTION
1/16" = 1'-0"

CATEGORY 1 CORNERS: ALL CORNERS MARKED CATEGORY 1 TO HAVE A SHARP, CONTINUOUS EDGE WITH STRAIGHTNESS TO WITHIN +/- 1/16". ALL CORNERS MAY HAVE A 0.08" RADIUS. FOR NODE WELD DETAILS SEE DRAWING S-755.

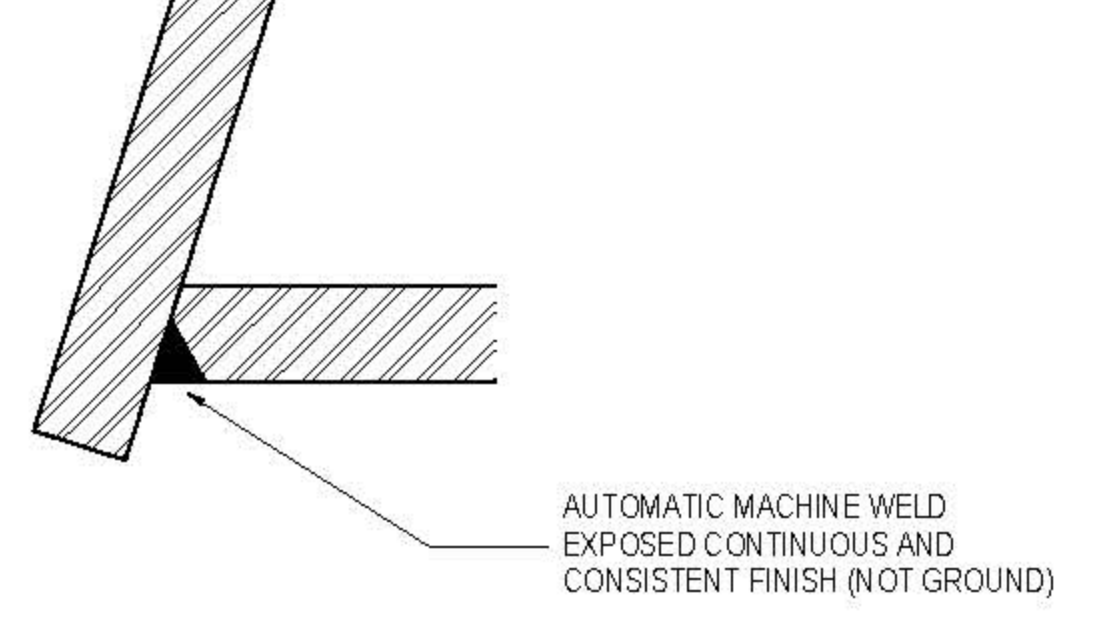


3 WELD A DETAIL
6" = 1'-0"

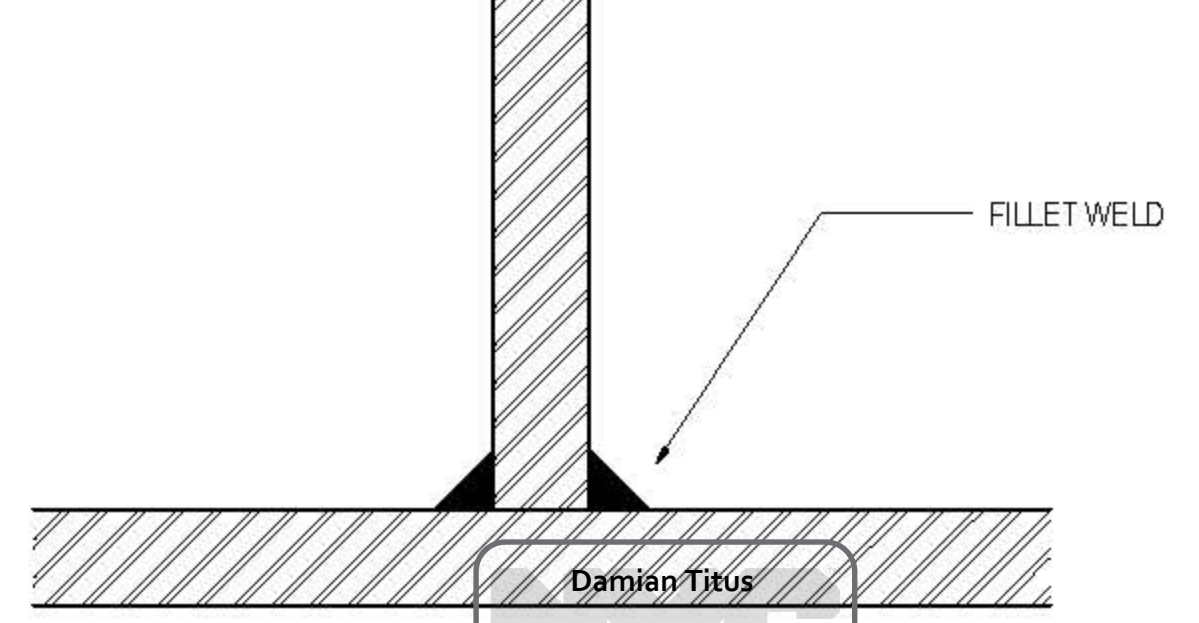


5 WELD C DETAIL
6" = 1'-0"

7 WELD SIZE REFERENCE
3/8" = 1'-0"



4 WELD B DETAIL
6" = 1'-0"

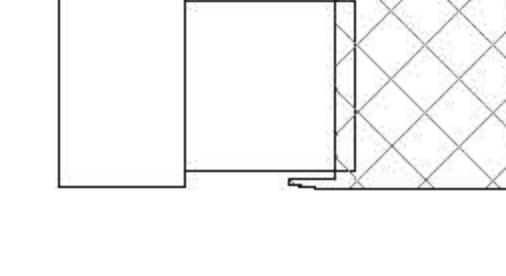


6 TYPICAL SECTION
6" = 1'-0"

NOTE: ALL VERTICAL ELEMENTS SIMILAR U.O.N.

PENDING COORDINATION DURING DESIGN ASSIST. SUBJECT TO FINAL FORCES AND PLATE THICKNESSES TBD.

KEY PLAN



ISSUE

NO.	DESCRIPTION	DATE
03	60 DOB AMENDMENT 7	03/19/2016
44	30 DOB AMENDMENT 6	04/02/2016
21	CONSTRUCTION SET	10/08/2015
10	4 100% CONSTRUCTION DOCUMENTS	03/18/2015
9	90% CONSTRUCTION DOCUMENTS	02/16/2015
6	PRELIMINARY DOB SUBMISSION	12/10/2014
1	ADVANCED PROCUREMENT BID SET	06/16/2014

STAMP



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Chris

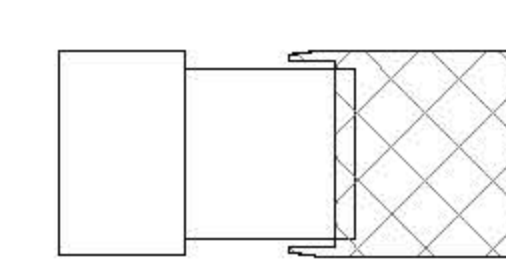
PROJECT NUMBER
N11318.00

TITLE
MAIN VERTICAL WELD DETAILS

DRAWING NO.
S-753.01

B.SCAN NO.
S-753.01

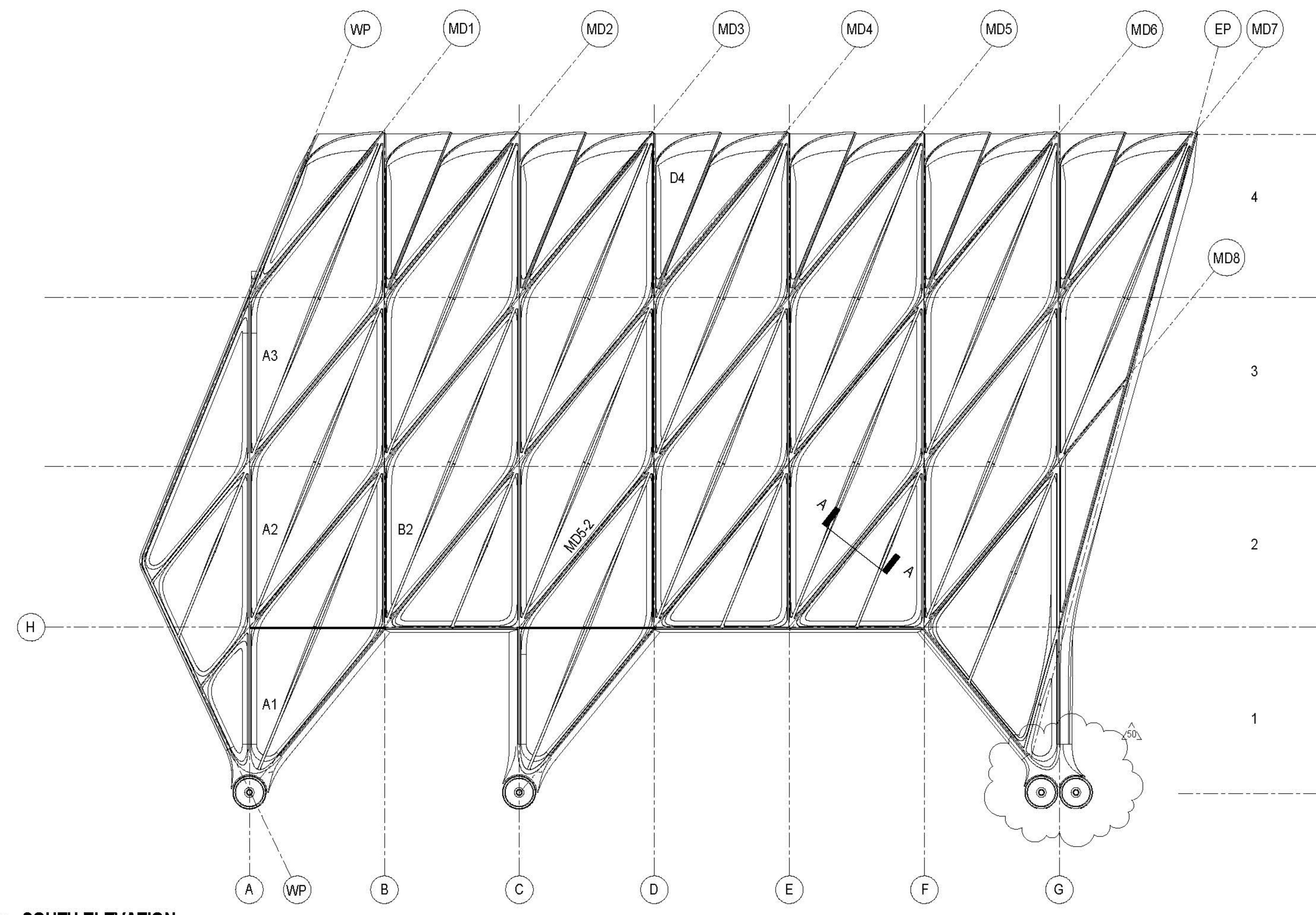
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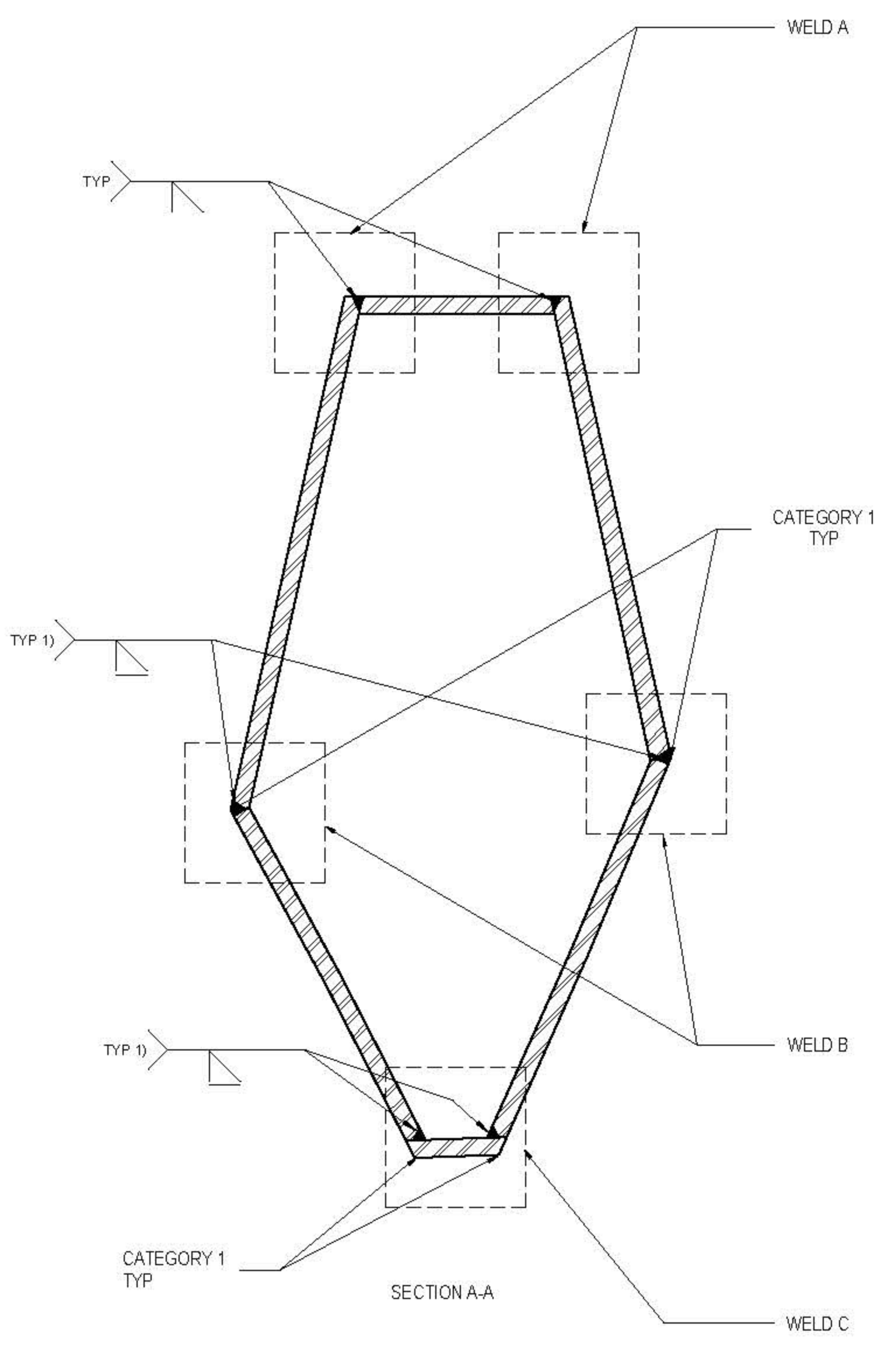
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44	30	DOB AMENDMENT 6	04.09.2016
21		CONSTRUCTION SET	10.09.2015
10	4	100% CONSTRUCTION DOCUMENTS	03.18.2015
9		90% CONSTRUCTION DOCUMENTS	02.16.2015
6		PRELIMINARY DOB SUBMISSION	12.10.2014
1		ADVANCED PROCUREMENT BID SET	06.16.2014



GEOMETRY, DIMENSIONS AND SURFACE CONTOURING, BLENDING AND INTERSECTION OF SECTIONS ILLUSTRATED IN THE STRUCTURAL DRAWINGS ARE PROVIDED FOR REFERENCE AND GENERATION OF STRUCTURAL ARRANGEMENT AND DETAILS ONLY. THE 3D MODEL ISSUED BY THE ARCHITECT DEFINES THE EXTERIOR SURFACE AND SHALL BE ADHERED TO FOR THE FINAL GEOMETRY. FOR DETAILS OF SECONDARY STEEL, INCLUDING STRUCTURAL CLADDING REFER TO ARCHITECTURE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ANY DISCREPANCIES OR AMBIGUITIES FOR DISCUSSION, RESOLUTION AND DIRECTION FROM THE ARCHITECT AND SER.



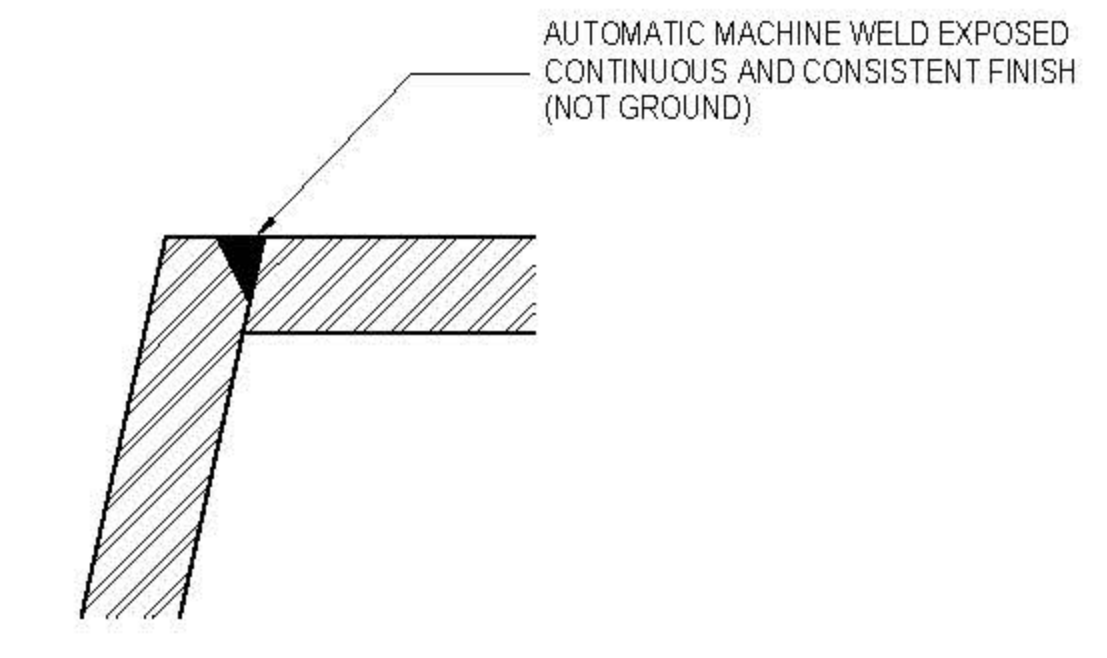
1 SOUTH ELEVATION
3/8" = 1'-0"



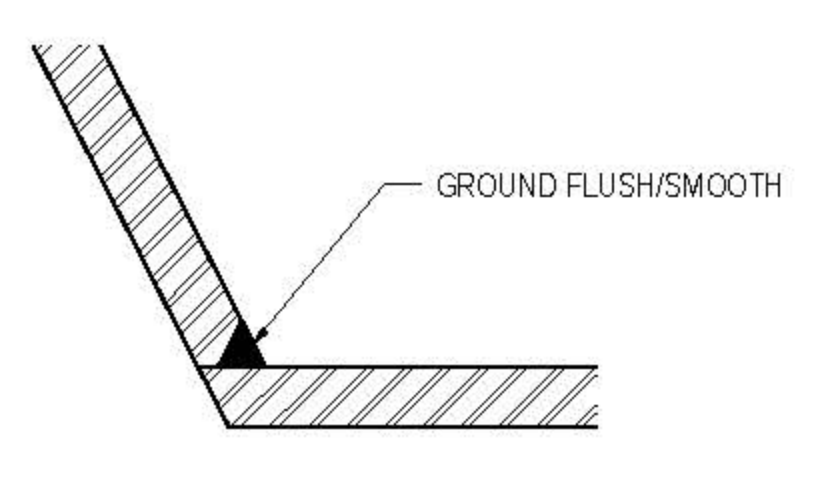
2 TYPICAL SECTION
3/8" = 1'-0"

ELEMENT	EFFECTIVE THROAT SIZE			
	WELD A	WELD B1	WELD C (E3)	WELD B2 (E4)
MD1-4	5/16"	5/16"	5/16"	
MD2-2	1/4"	1/4"	1/4"	
MD2-3	1/4"	1/4"	1/4"	
MD2-4	5/16"	5/16"	5/16"	
MD3-1	1/4"	1/4"	1/4"	
MD3-2	5/16"	5/16"	5/16"	
MD3-3	5/16"	5/16"	5/16"	5/16"
MD3-4	5/16"	5/16"	5/16"	
MD4-1	5/16"	5/16"	5/16"	
MD4-2	5/16"	5/16"	5/16"	
MD4-3	5/16"	5/16"	5/16"	5/16"
MD4-4	5/16"	5/16"	5/16"	
MD5-2	7/16"	5/16"	5/16"	1/2"
MD5-3	1/4"	1/4"	1/4"	
MD5-4	5/16"	5/16"	5/16"	
MD6-1	7/8"	5/8"	15/16"	
MD6-2	1/4"	1/4"	1/4"	
MD6-3	1/4"	1/4"	1/4"	
MD6-4	5/16"	5/16"	5/16"	
MD7-2	1/4"	1/4"	1/4"	
MD7-3	5/16"	5/16"	5/16"	5/16"
MD7-4	5/16"	5/16"	5/16"	
MD8-2	1/4"	1/4"	1/4"	
MD8-3	5/16"	7/16"	5/16"	5/16"
F-G1	5/16"	5/16"	5/16"	

7 WELD SIZES
1 1/2" = 1'-0"



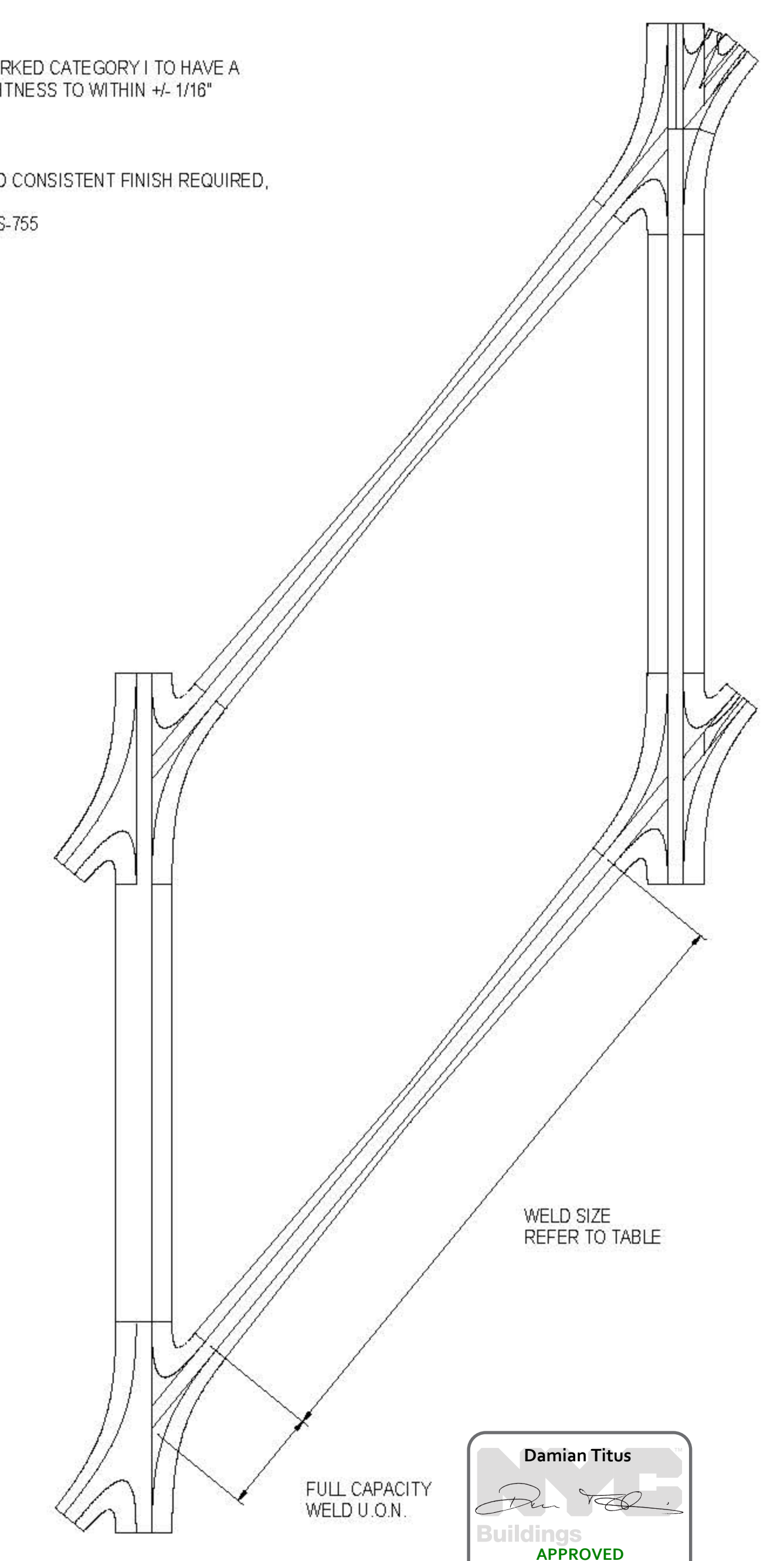
3 WELD A DETAIL
6" = 1'-0"



4 WELD C DETAIL
6" = 1'-0"

CATEGORY 1 CORNERS: ALL CORNERS MARKED CATEGORY 1 TO HAVE A SHARP CONTINUOUS EDGE WITH STRAIGHTNESS TO WITHIN +/- 1/16" ALL CORNERS MAY HAVE A 0.08" RADIUS

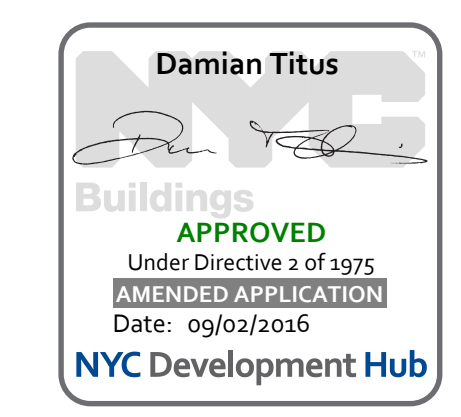
1) EXPOSED EDGE WITH CONTINUOUS AND CONSISTENT FINISH REQUIRED, EVEN ACROSS SPLICES FOR NODE WELD DETAILS SEE DRAWING S-755

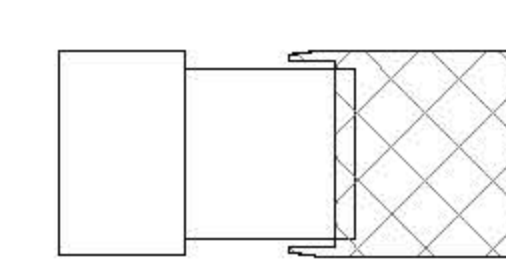


6 WELD SIZE REFERENCE
3/16" = 1'-0"

NOTE: ALL DIAGONAL ELEMENTS SIMILAR U.O.N.

PENDING COORDINATION DURING DESIGN ASSIST. SUBJECT TO FINAL FORCES AND PLATE THICKNESSES TBD





ISSUE	PRINTING	DATE
01	60	DOB AMENDMENT 7
02	30	DOB AMENDMENT 6
03	21	CONSTRUCTION SET
04	10	100% CONSTRUCTION DOCUMENTS
05	09	90% CONSTRUCTION DOCUMENTS
06	08	PRELIMINARY JOB SUBMISSION
07	01	ADVANCED PROCUREMENT BID SET



DRAWN BY: *Audrey* CHECKED BY: *Chris*

PROJECT NUMBER: N1318.00

TITLE: DEPLOYED SHED NORTH/SOUTH WALL - ATYPICAL ELEMENTS

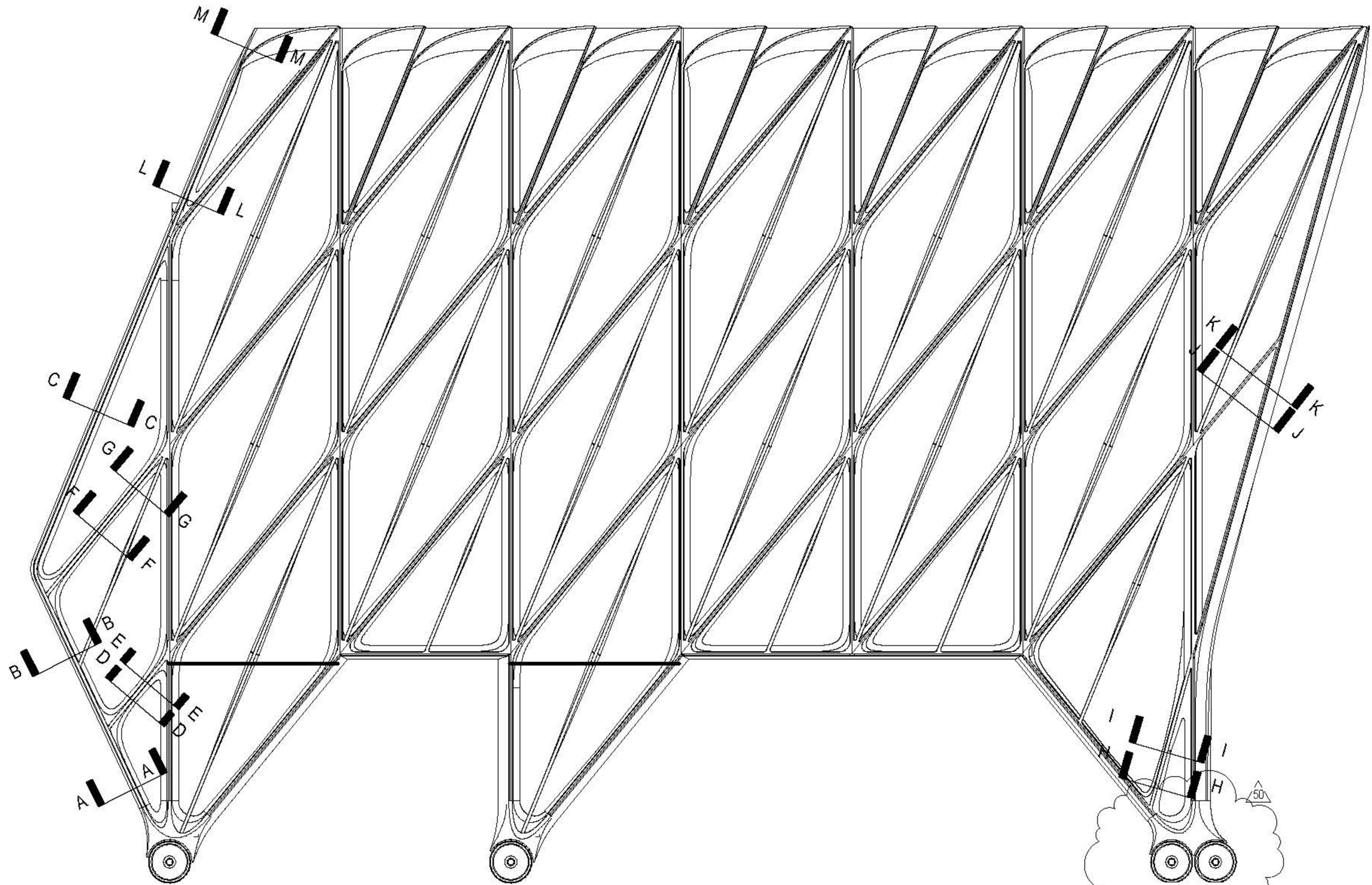
DRAWING NO.: 8-757.01

B.SCAN NO.: S-757.01

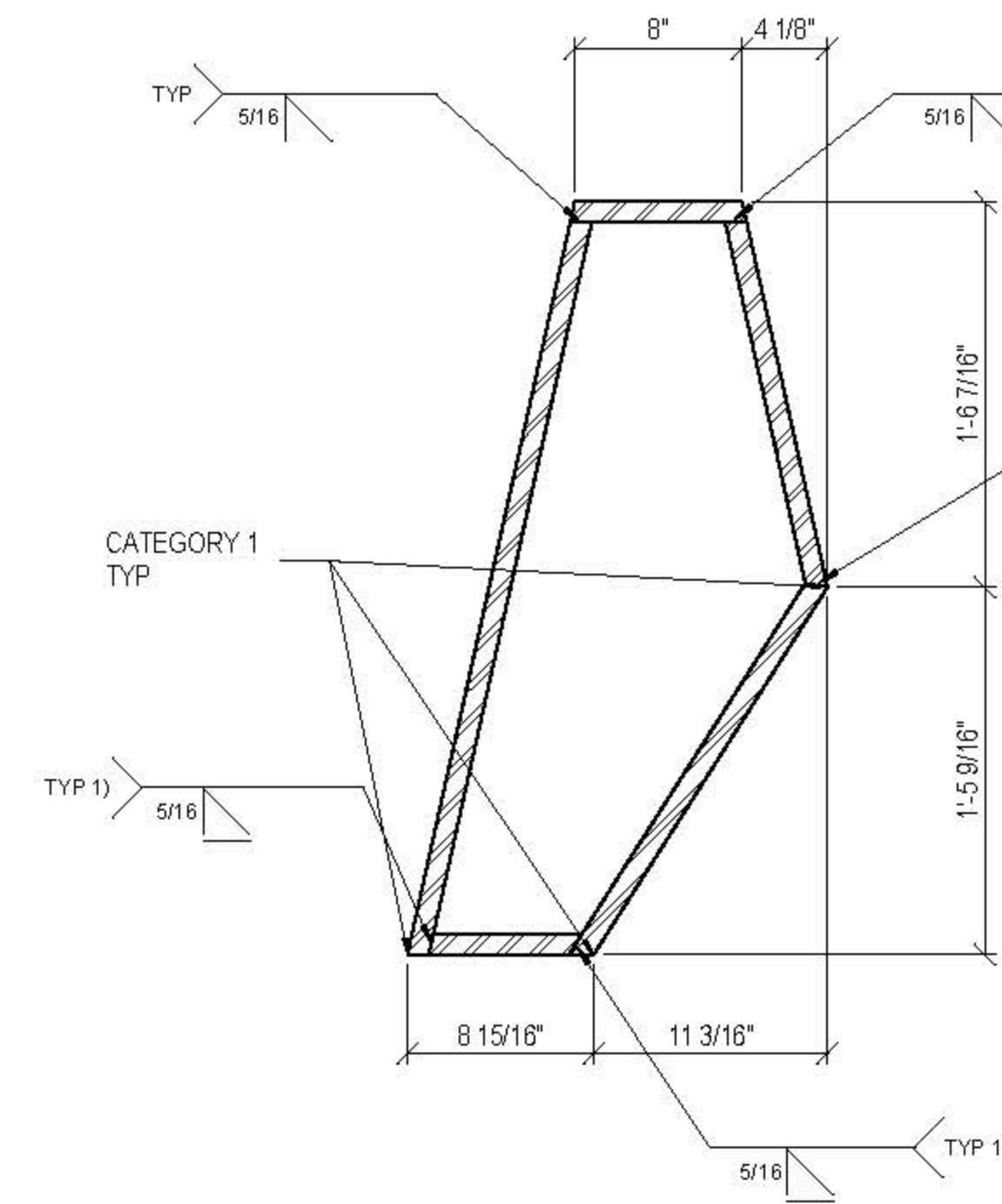
B.SCAN NO.: 94 of 123

GEOMETRY, DIMENSIONS AND SURFACE CONTOURING, BLENDING AND INTERSECTION OF SECTIONS ILLUSTRATED IN THE STRUCTURAL DRAWINGS ARE PROVIDED FOR REFERENCE AND GENERATION OF STRUCTURAL ARRANGEMENT AND DETAILS ONLY. THE 3D MODEL ISSUED BY THE ARCHITECT, DEFINES THE EXTERIOR SURFACE AND SHALL BE ADHERED TO FOR THE FINAL GEOMETRY. FOR DETAILS OF SECONDARY STEEL, INCLUDING STRUCTURAL CLADDING REFER TO ARCHITECTURE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ANY DISCREPANCIES OR AMBIGUITIES FOR DISCUSSION, RESOLUTION AND DIRECTION FROM THE ARCHITECT AND SER.

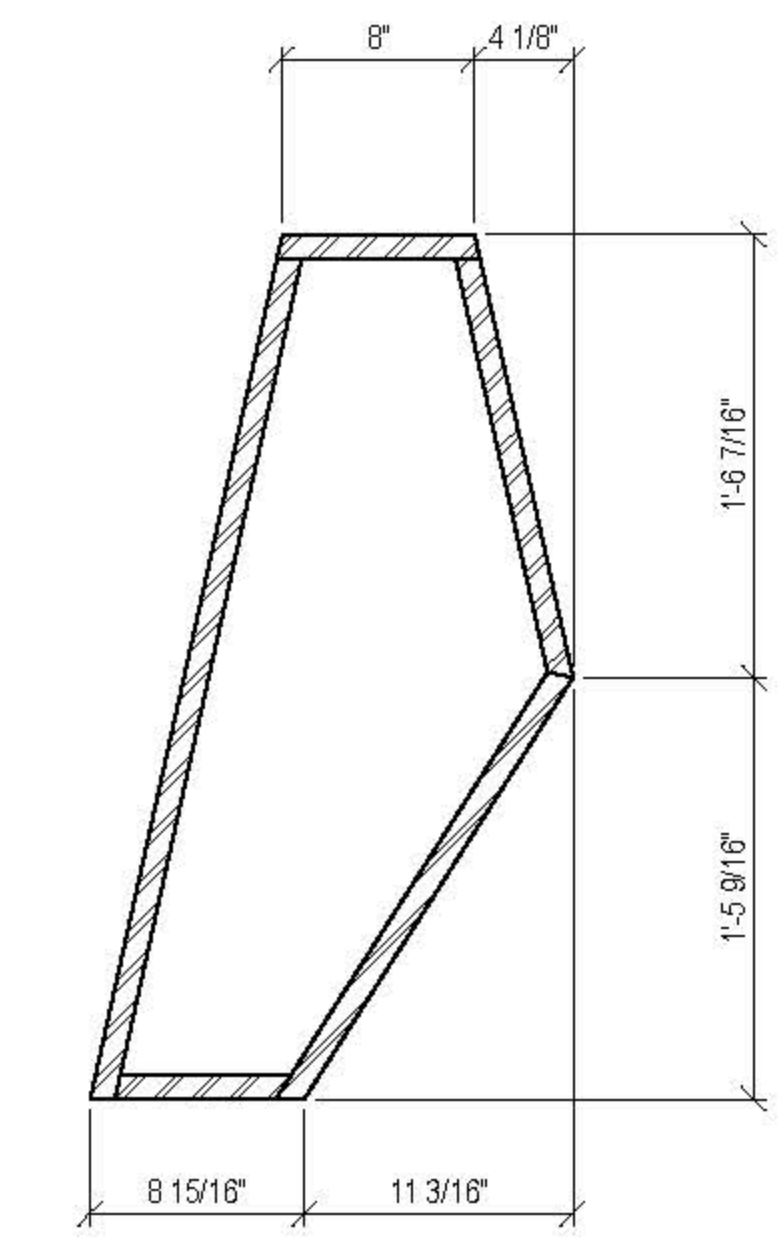
NOTES: WELD DETAILS TYPICAL FOR SIMILAR SECTIONS REFER TO DRAWING S-751 FOR TYPICAL PLATE THICKNESSES



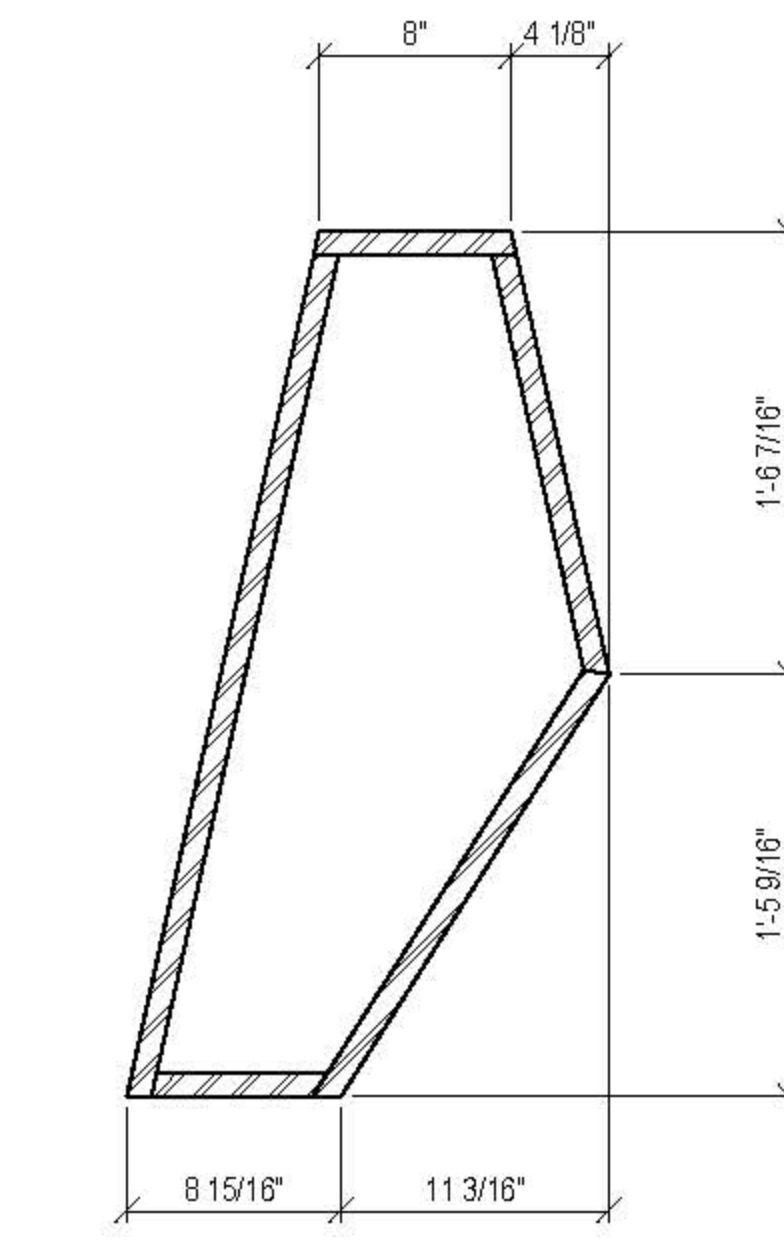
1 SOUTH ELEVATION
 3/32" = 1'-0"



2 SECTION A-A
 1 1/2" = 1'-0"



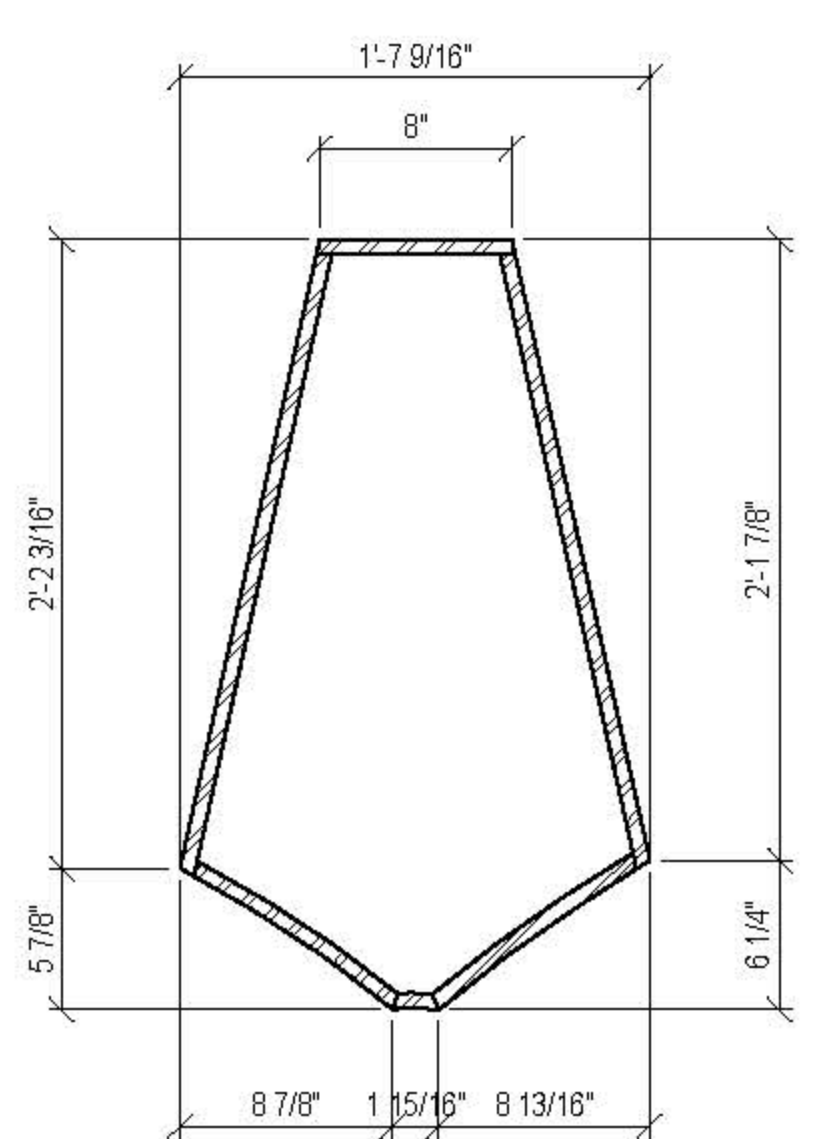
3 SECTION B-B
 1 1/2" = 1'-0"



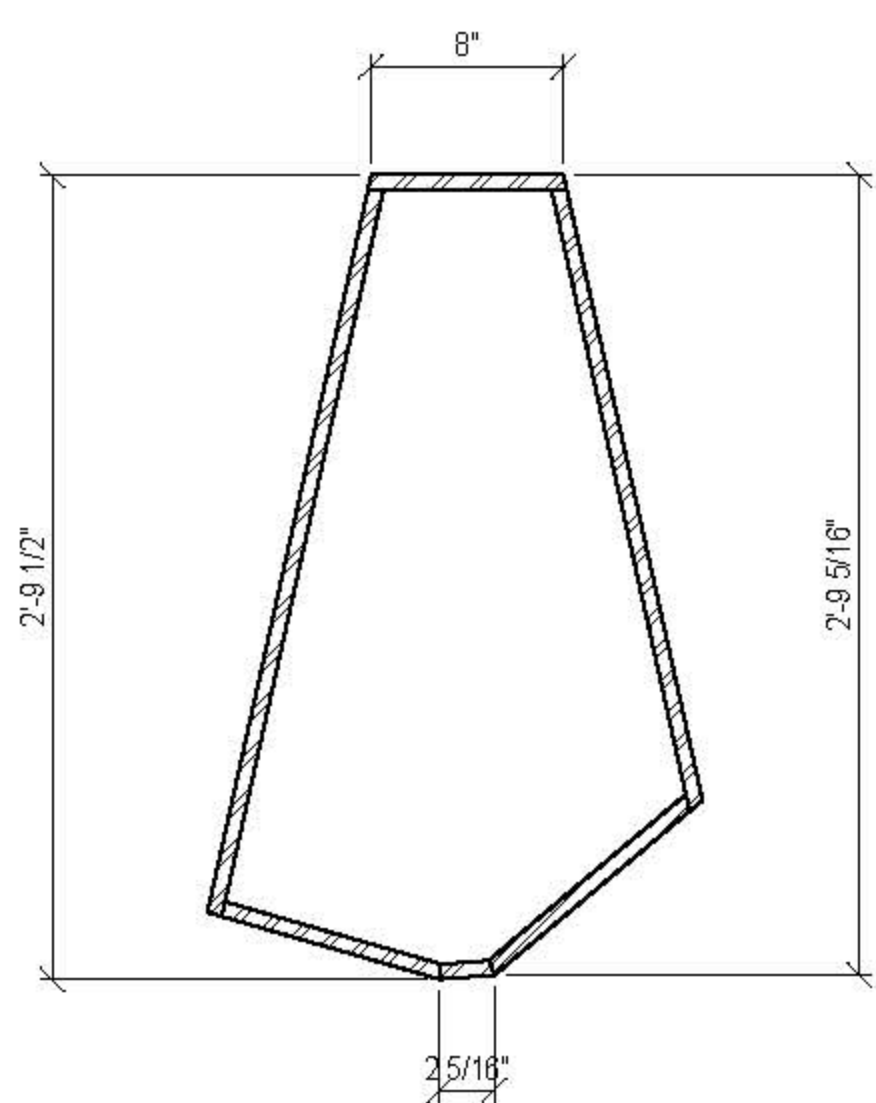
4 SECTION C-C
 1 1/2" = 1'-0"

CATEGORY 1 CORNERS: ALL CORNERS MARKED CATEGORY 1 TO HAVE A SHARP CONTINUOUS EDGE WITH STRAIGHTNESS TO WITHIN +/- 1/16". ALL CORNERS MAY HAVE A 0.00" RADIUS

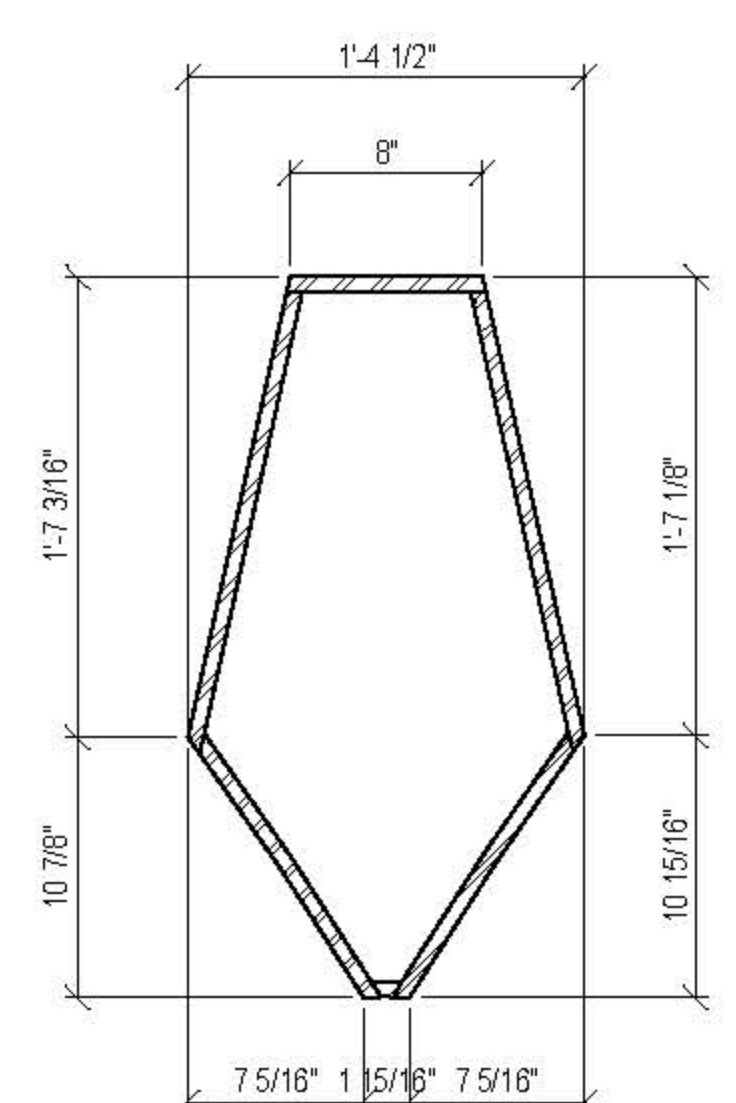
1) EXPOSED EDGE WITH CONTINUOUS AND CONSISTENT FINISH REQUIRED, EVEN ACROSS SPLICES FOR NODE WELD DETAILS SEE DRAWING S-755



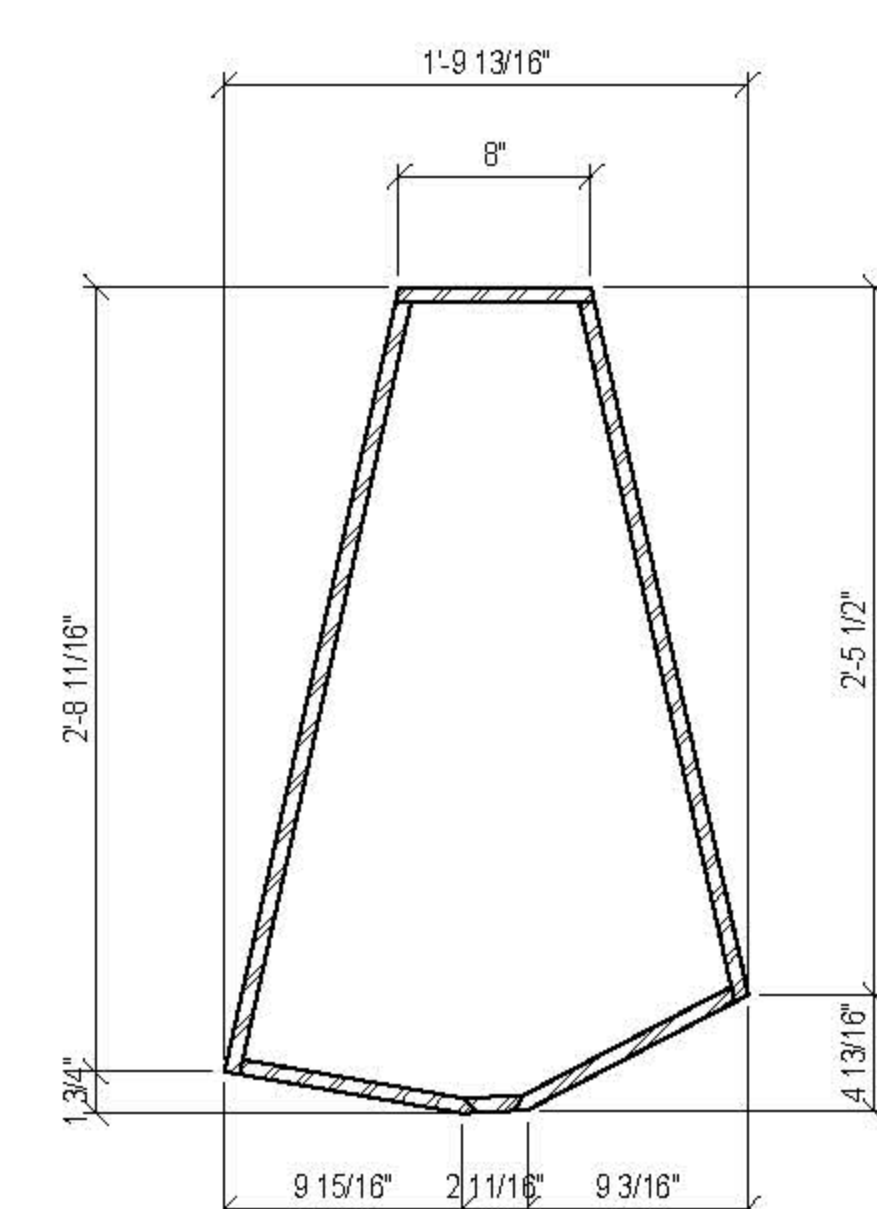
5 SECTION D-D
 1 1/2" = 1'-0"



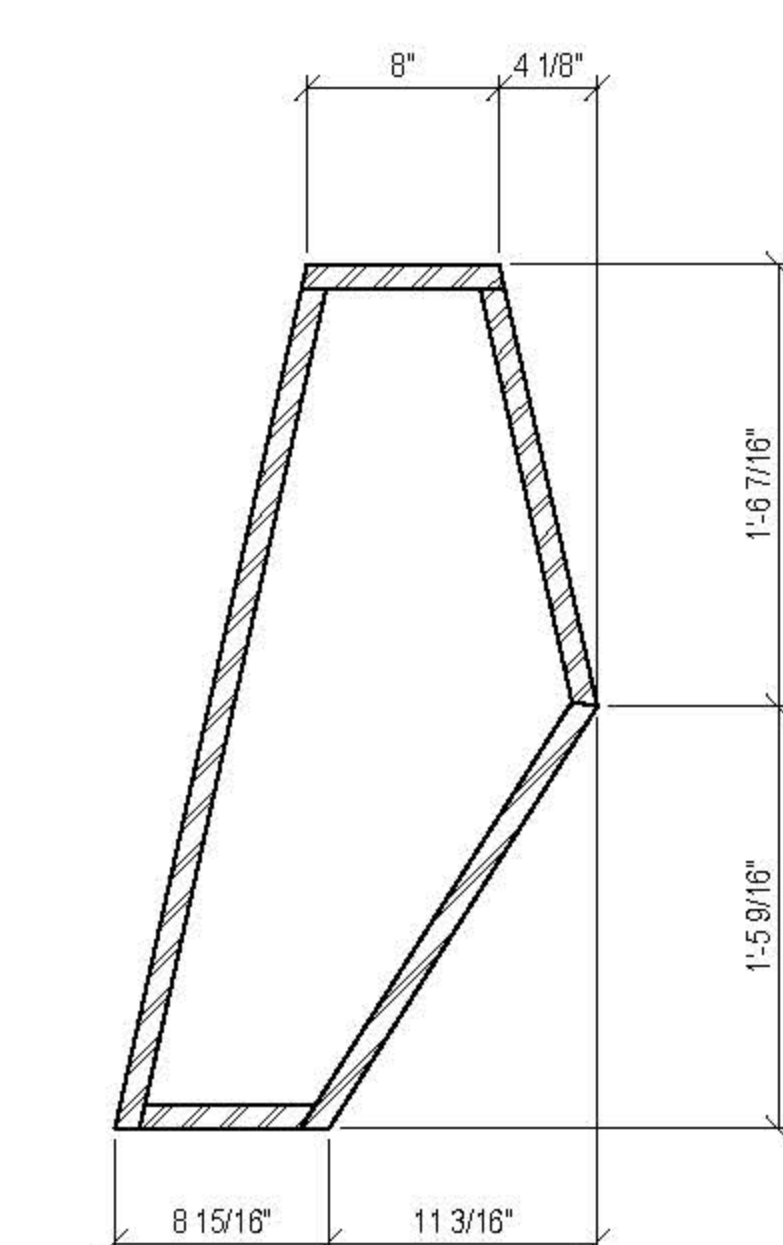
6 SECTION E-E
 1 1/2" = 1'-0"



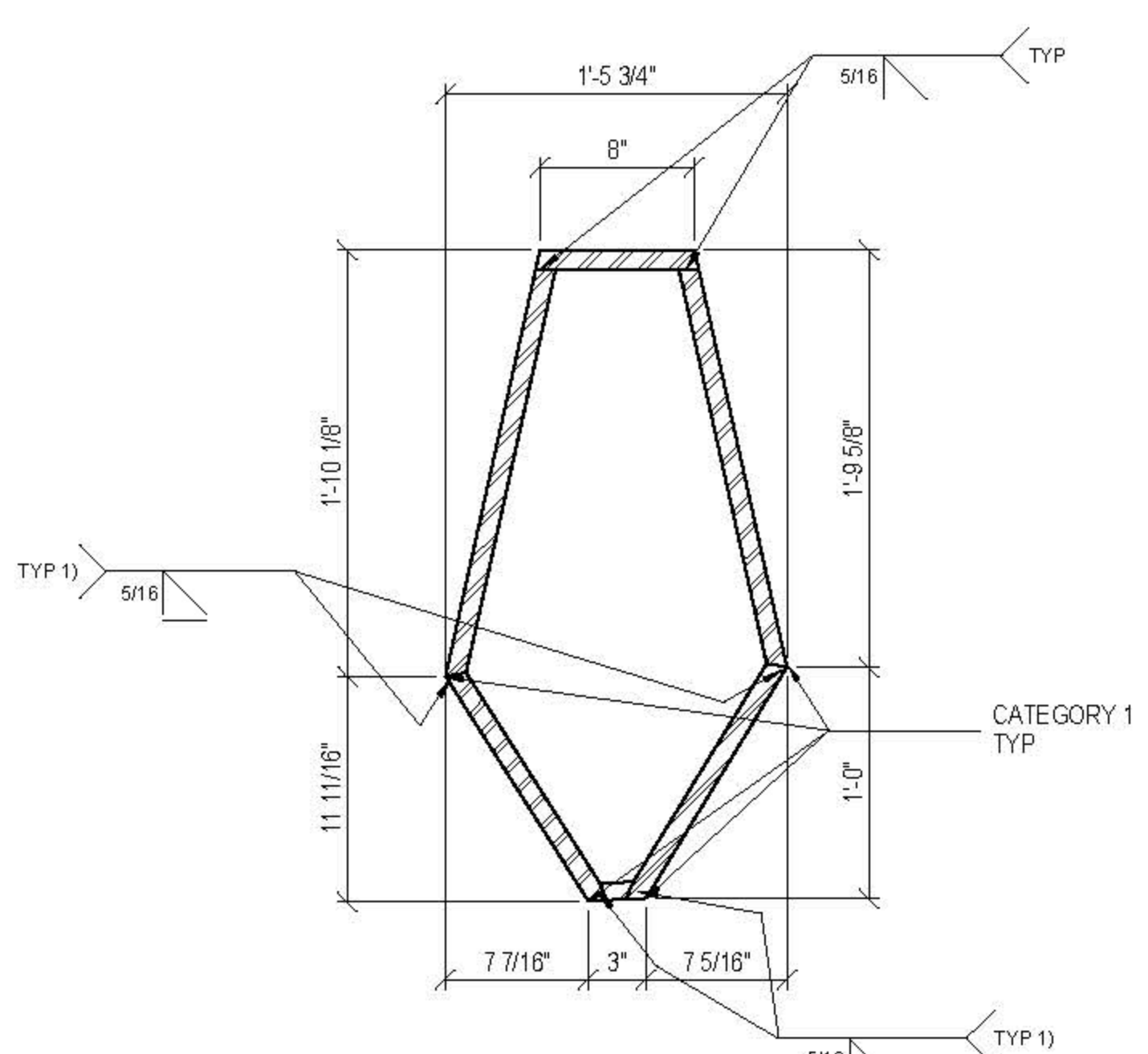
7 SECTION F-F
 1 1/2" = 1'-0"



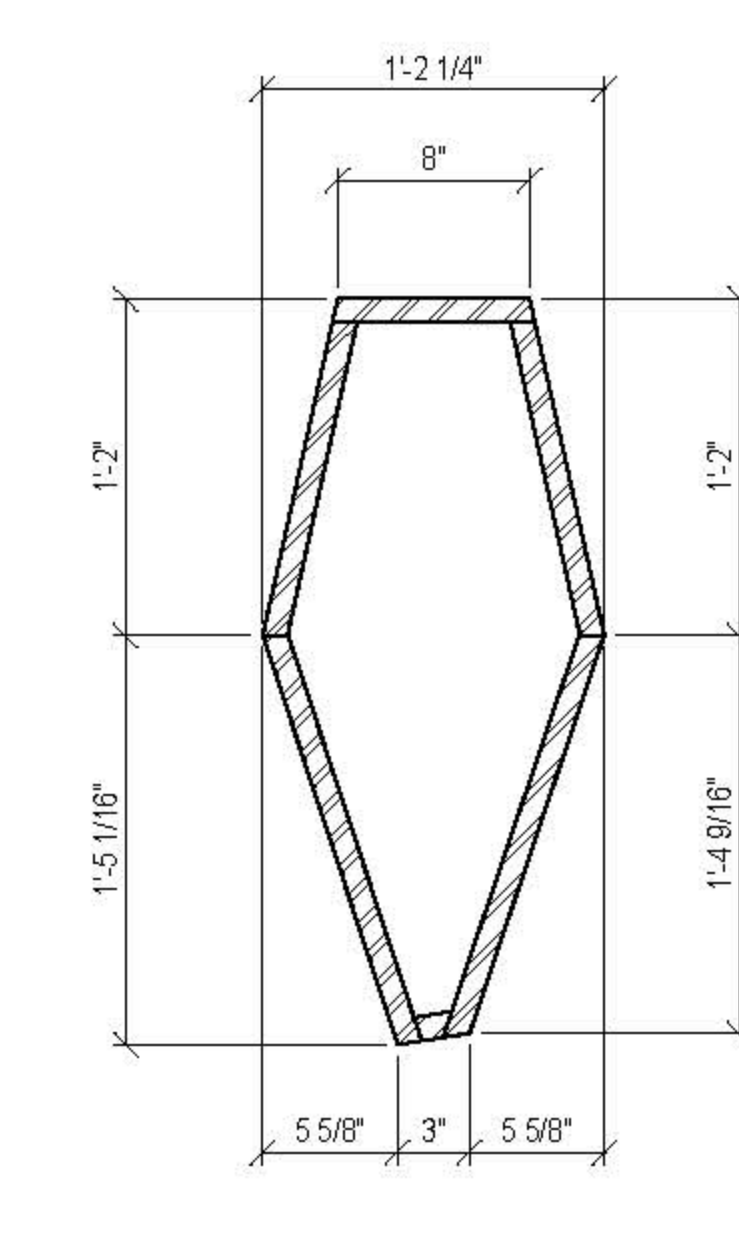
8 SECTION G-G
 1 1/2" = 1'-0"



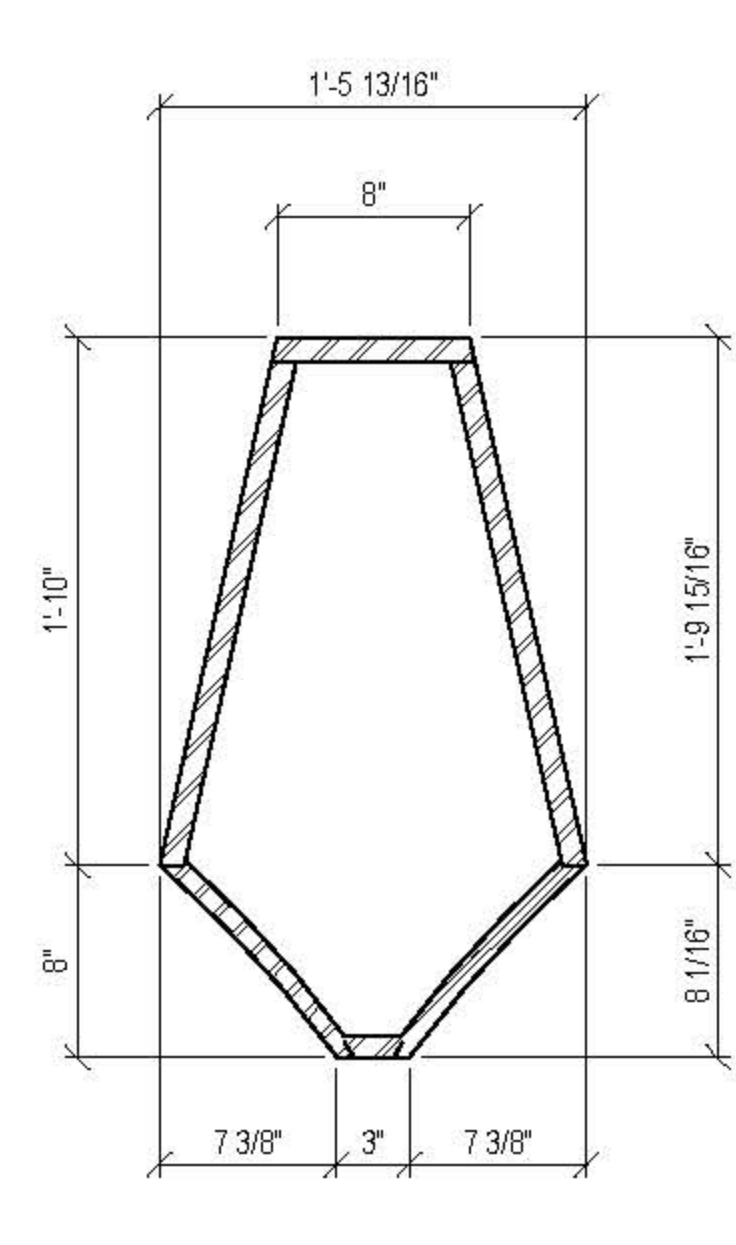
14 SECTION L-L
 1 1/2" = 1'-0"



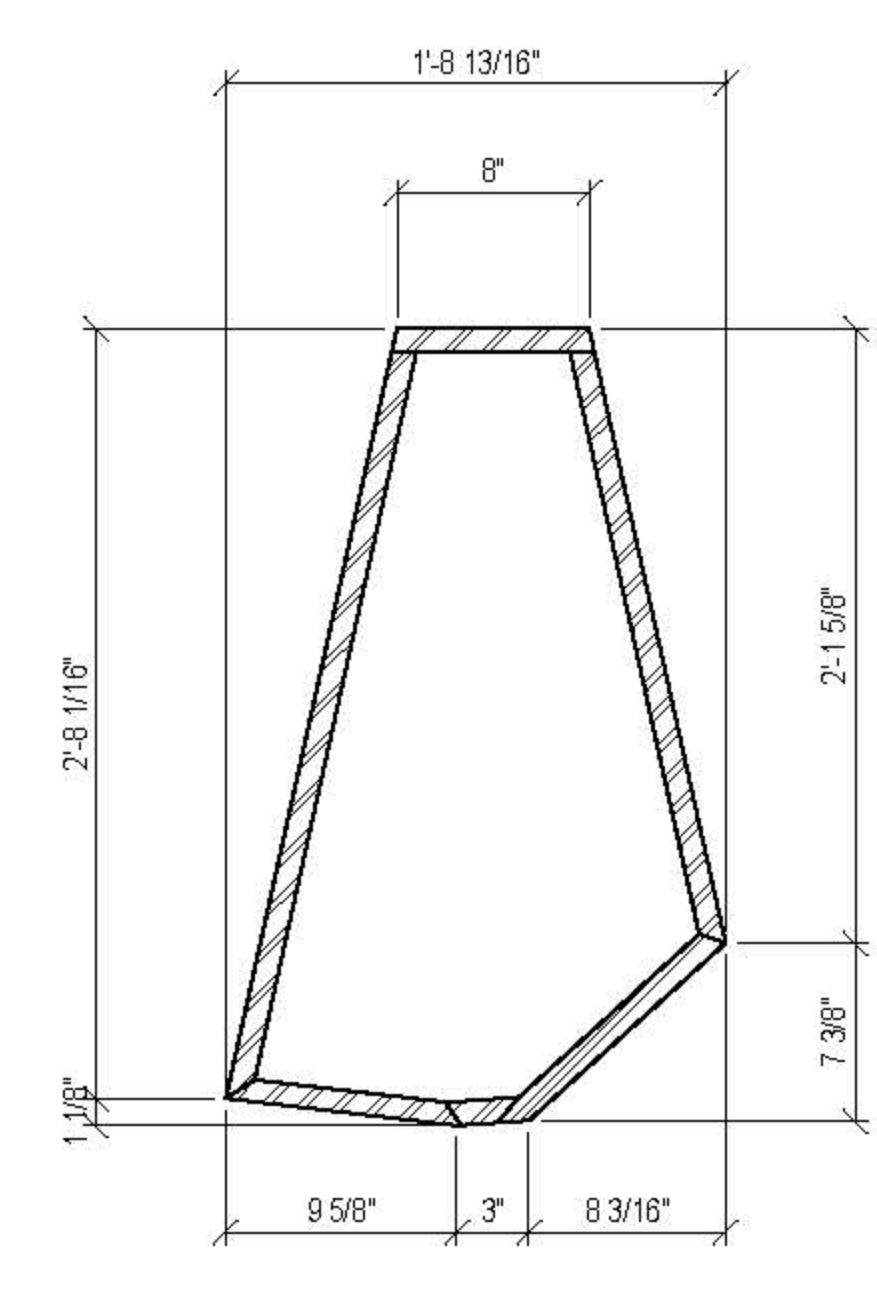
9 SECTION H-H
 1 1/2" = 1'-0"



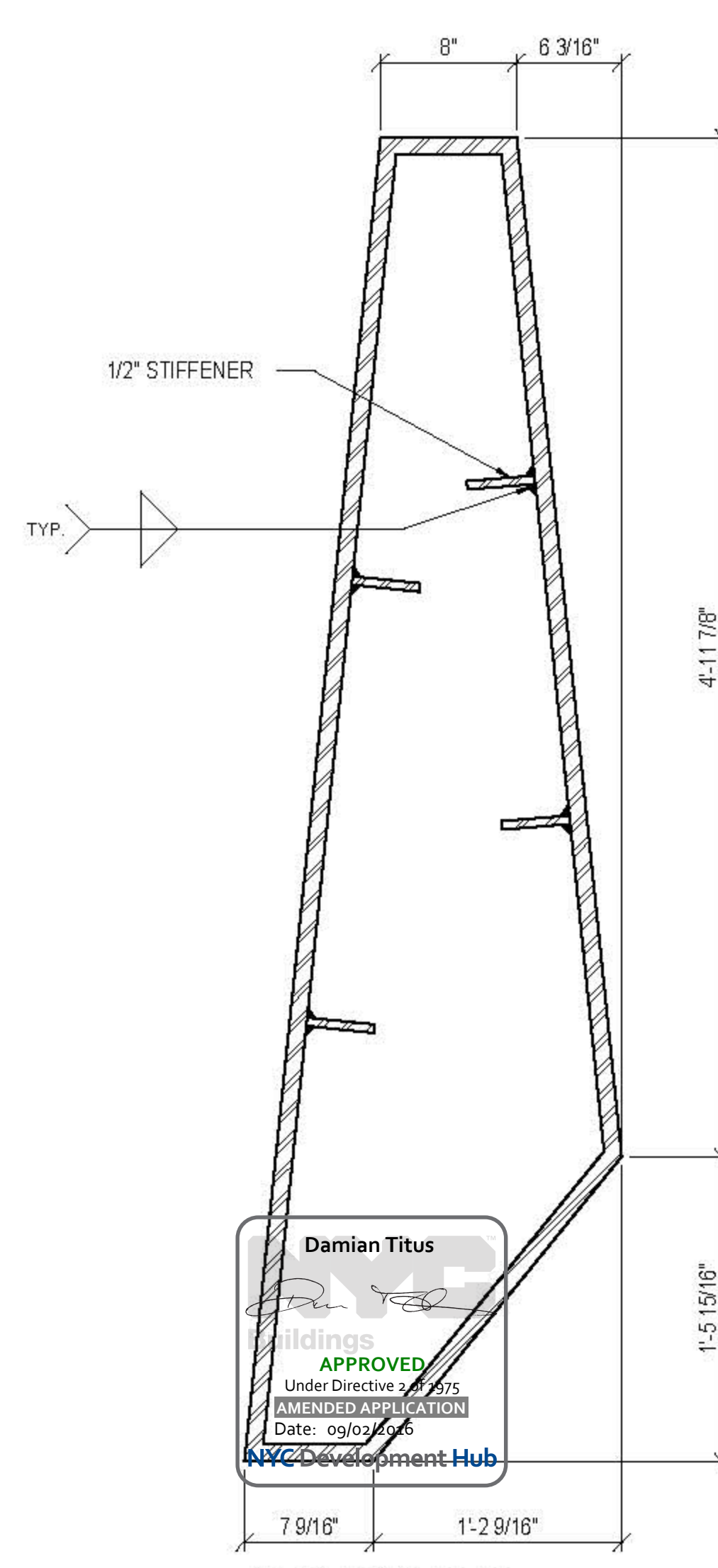
10 SECTION I-I
 1 1/2" = 1'-0"



11 SECTION J-J
 1 1/2" = 1'-0"



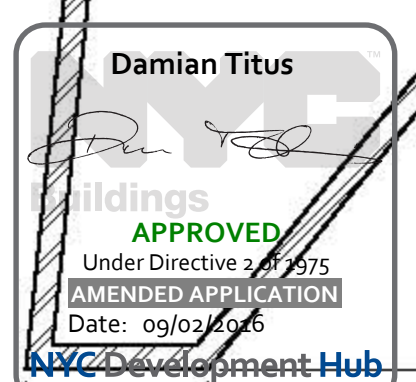
12 SECTION K-K
 1 1/2" = 1'-0"



13 SECTION M-M
 1 1/2" = 1'-0"

ALL ATYPICAL SECTIONS SIMILAR TO O.N.
 ALL WELDS FOR ATYPICAL ELEMENTS GROUND FLUSH/SMOOTH TO O.N.

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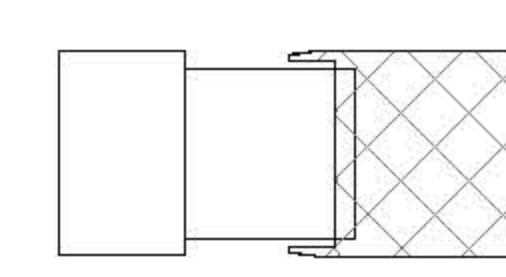
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KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE	
03	60	DOB AMENDMENT 7	03/19/2016
04	30	DOB AMENDMENT 6	04/02/2016
21		CONSTRUCTION SET	10/08/2015
10	4	100% CONSTRUCTION DOCUMENTS	03/18/2015
9		90% CONSTRUCTION DOCUMENTS	02/16/2015
6		PRELIMINARY JOB SUBMISSION	12/10/2014
1		ADVANCED PROCUREMENT BID SET	06/16/2014

STAMP



DRAWN BY
Autmy

CHECKED BY
Chris

PROJECT NUMBER
N11318.00

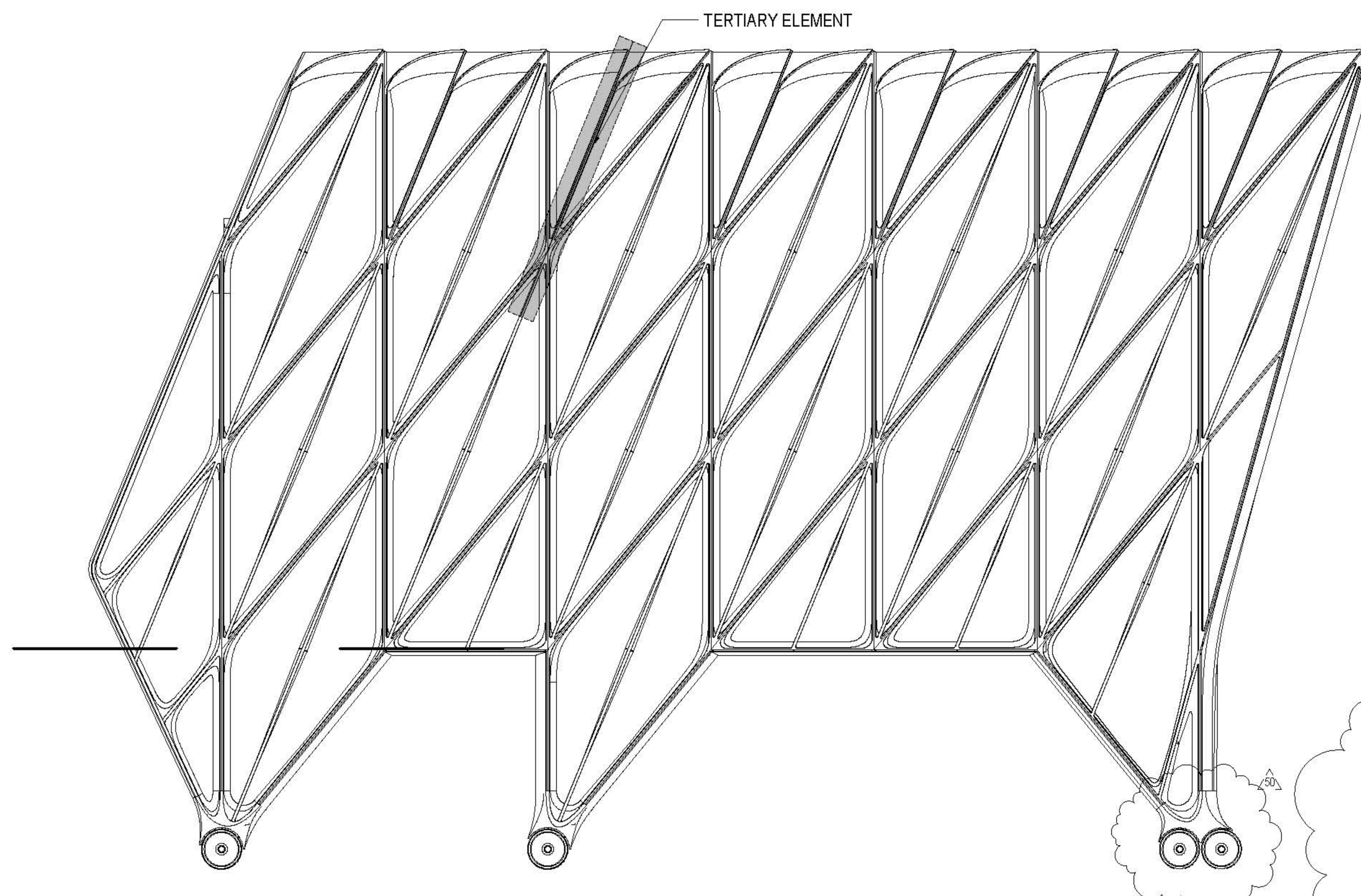
TITLE
DEPLOYED SHED NORTH/SOUTH WALL-
TERTIARY ELEMENTS

DRAWING NO.
S-758.01

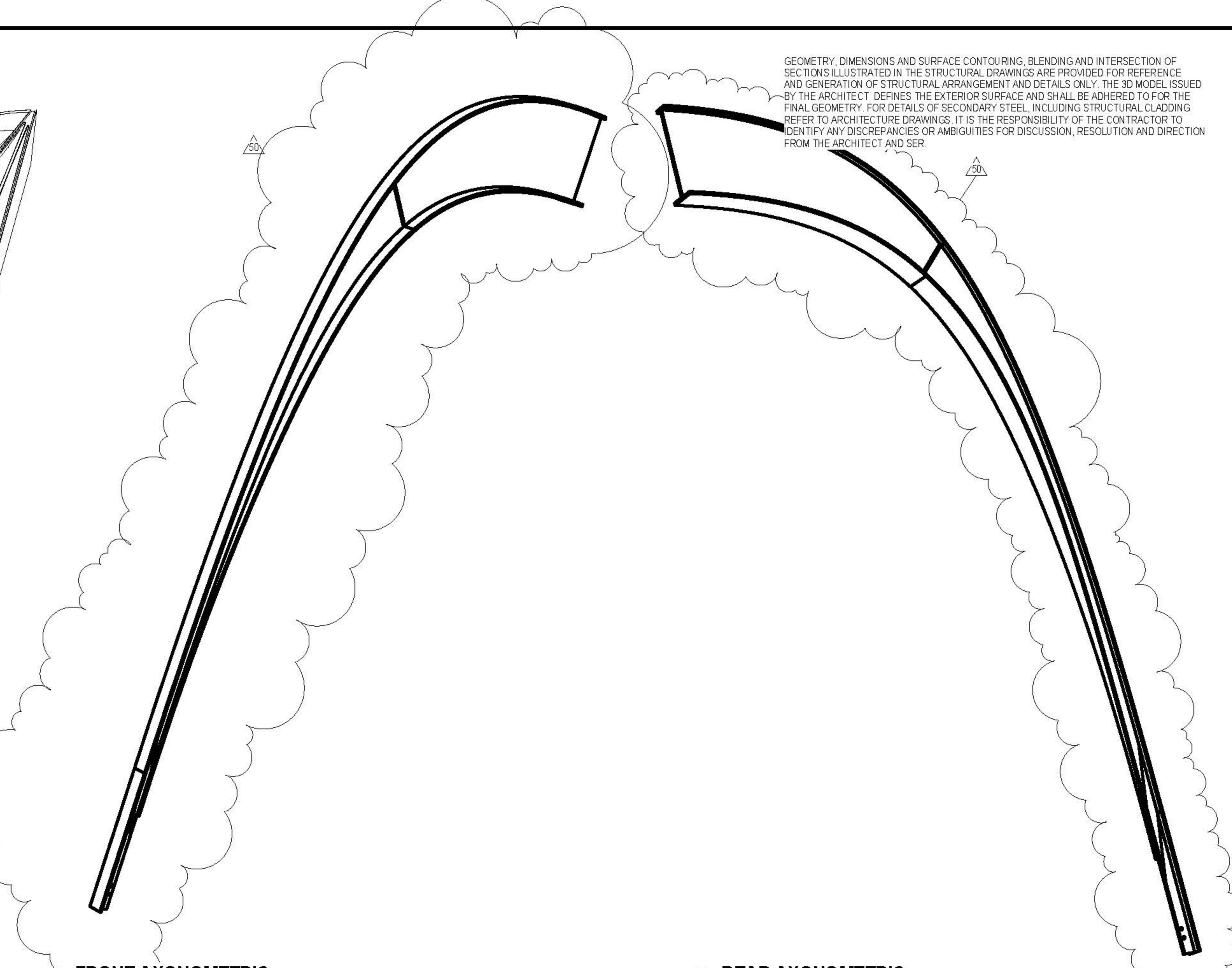
B.SCAN NO.
S-758.01

95 of 123

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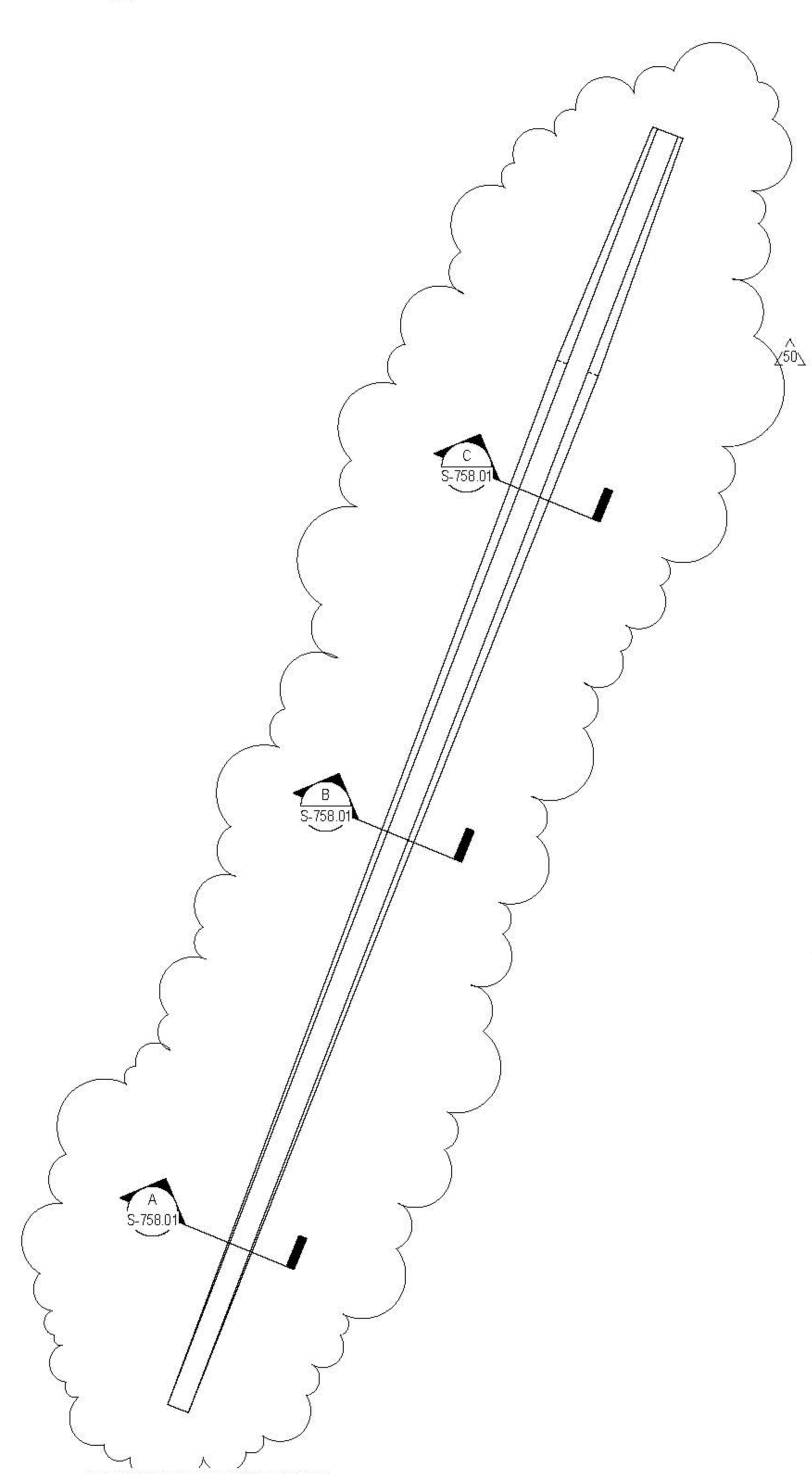


1 SOUTH ELEVATION2
3/32" = 1'-0"

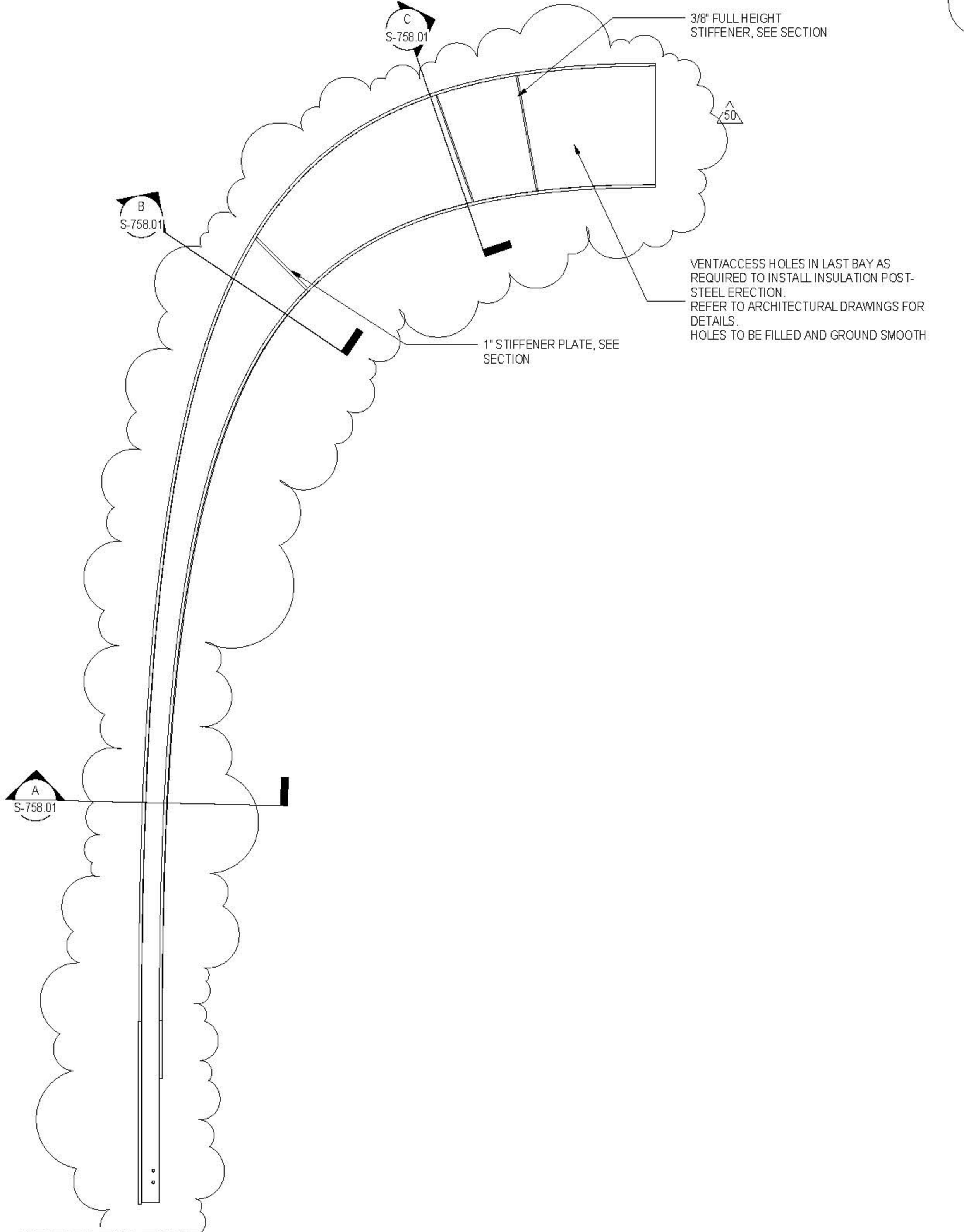


2 FRONT AXONOMETRIC
1/2" = 1'-0"

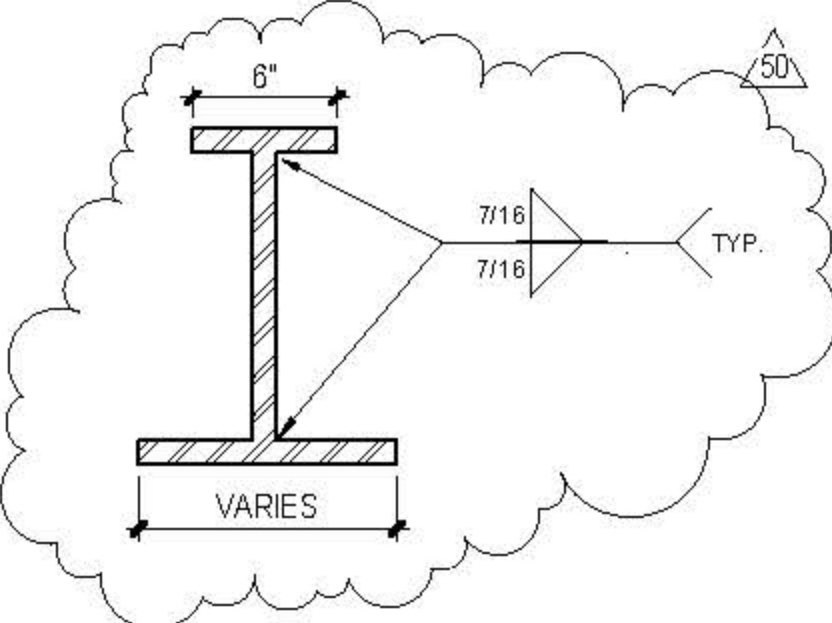
3 REAR AXONOMETRIC
1/2" = 1'-0"



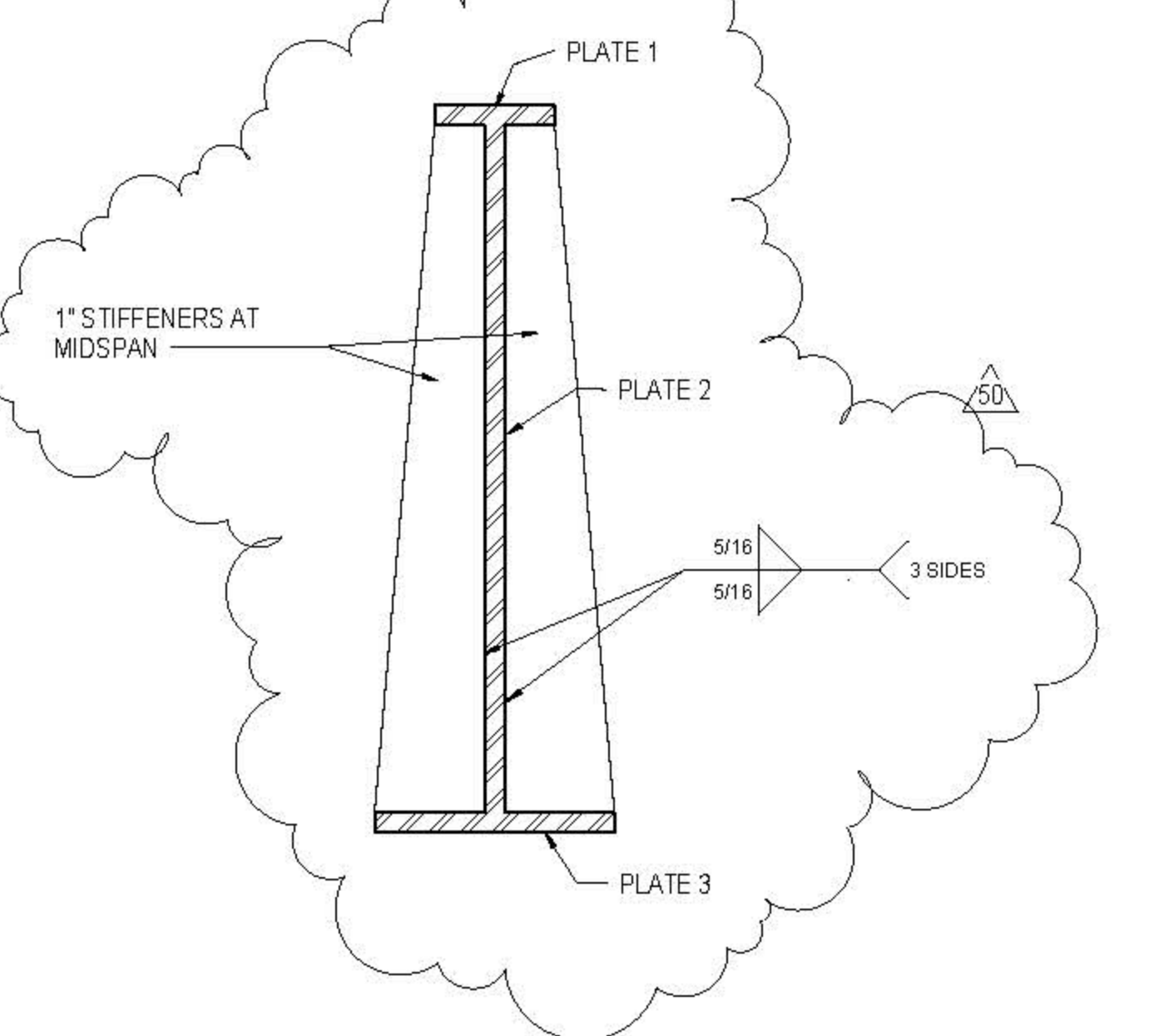
4 FRONT ELEVATION
1/2" = 1'-0"



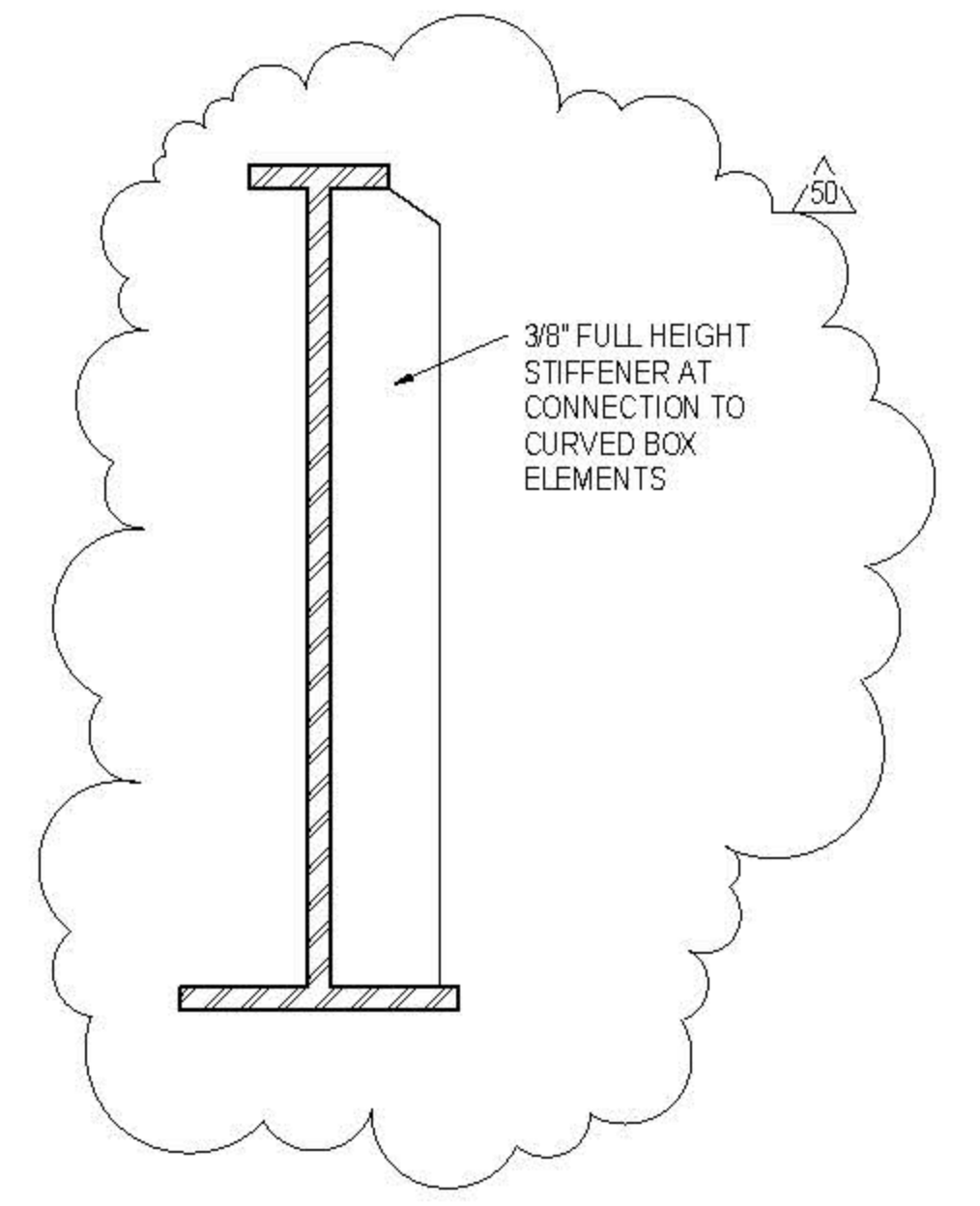
5 SIDE ELEVATION
1/2" = 1'-0"



A SECTION AA
1 1/2" = 1'-0"



B SECTION BB
1 1/2" = 1'-0"

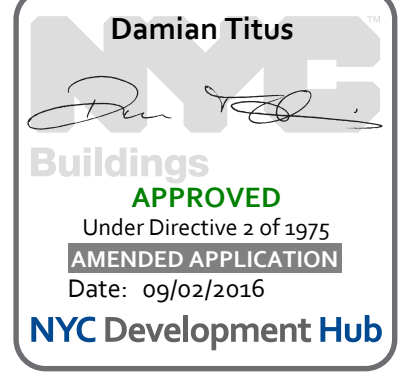


C SECTION CC
1 1/2" = 1'-0"

CATEGORY I CORNERS: ALL CORNERS MARKED CATEGORY I TO HAVE A SHARP CONTINUOUS EDGE WITH STRAIGHTNESS TO WITHIN +/- .116"
ALL CORNERS MAY HAVE A 0.08" RADIUS

1) EXPOSED EDGE WITH CONTINUOUS AND CONSISTENT FINISH REQUIRED, EVEN ACROSS SPLICES FOR NODE WELD DETAILS SEE DRAWING S-755

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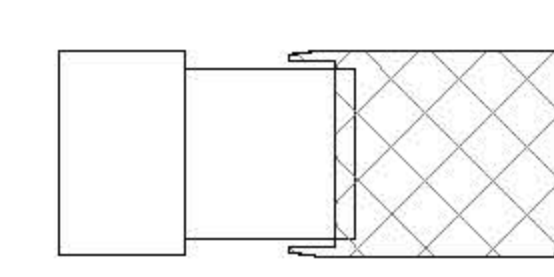
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KEY PLAN



ISSUE	PRINTING	DATE	
03	60	DOB AMENDMENT 7	08.29.2016
04	30	DOB AMENDMENT 6	04.02.2016
21		CONSTRUCTION SET	10.08.2015
10	4	100% CONSTRUCTION DOCUMENTS	03.18.2015
9		90% CONSTRUCTION DOCUMENTS	02.16.2015
6		PRELIMINARY JOB SUBMISSION	12.16.2014
1		ADVANCED PROCUREMENT BID SET	06.16.2014

STAMP



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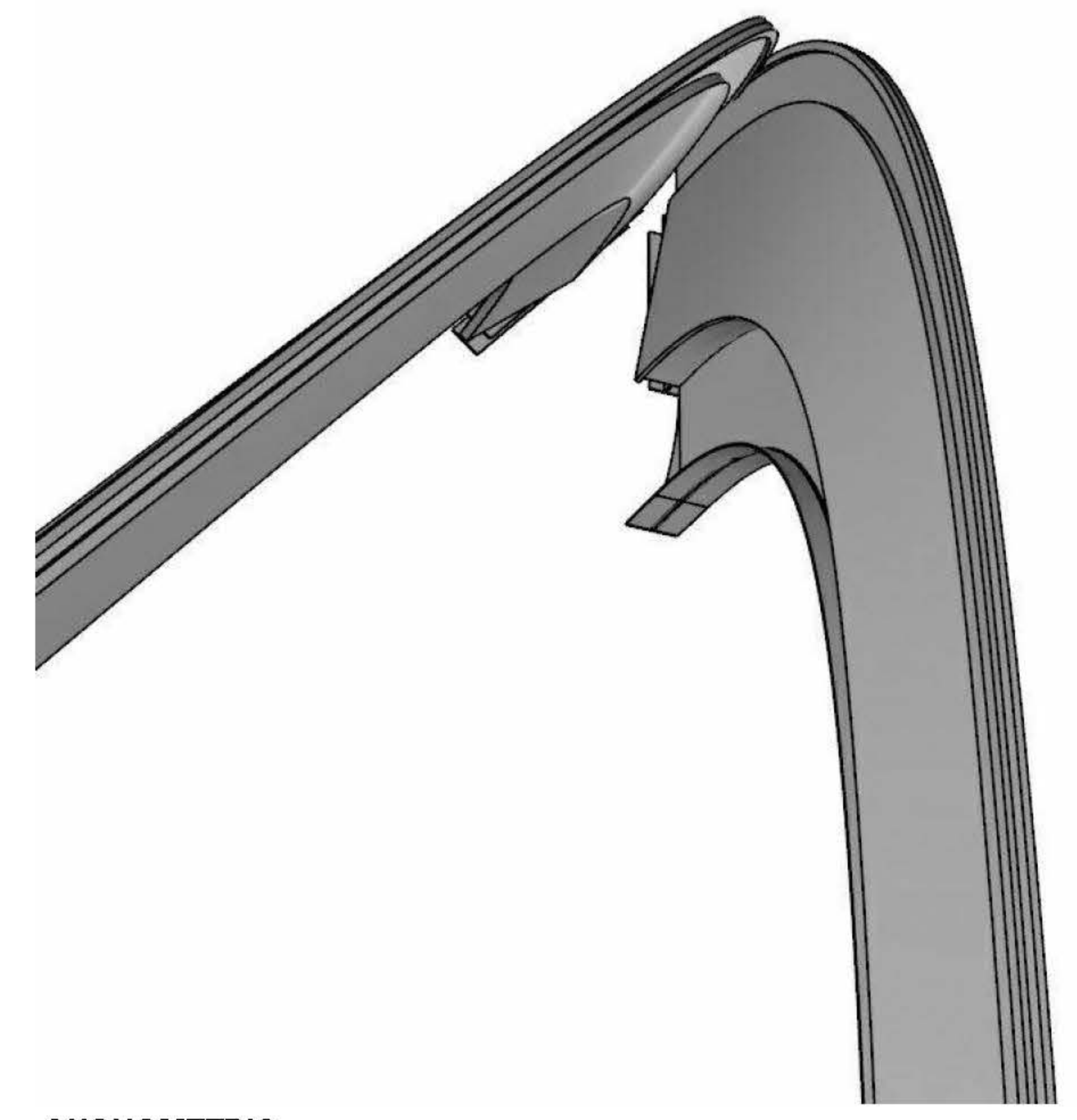
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PROJECT NUMBER
N11318.00

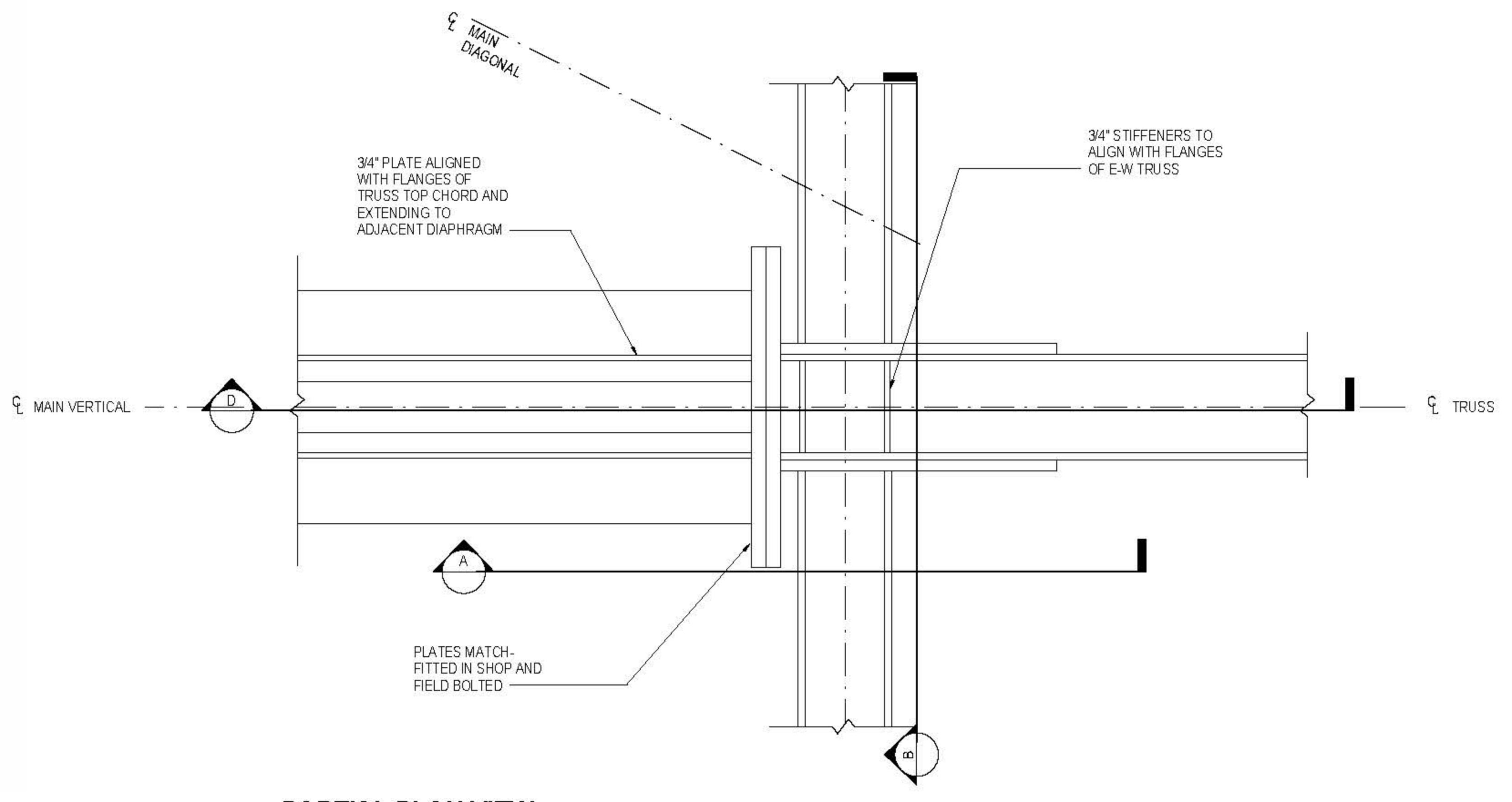
TITLE
DETAILS, DEPLOYED SHED NORTH/SOUTH WALL - CURVED SECTIONS

DRAWING NO.
S-760.01

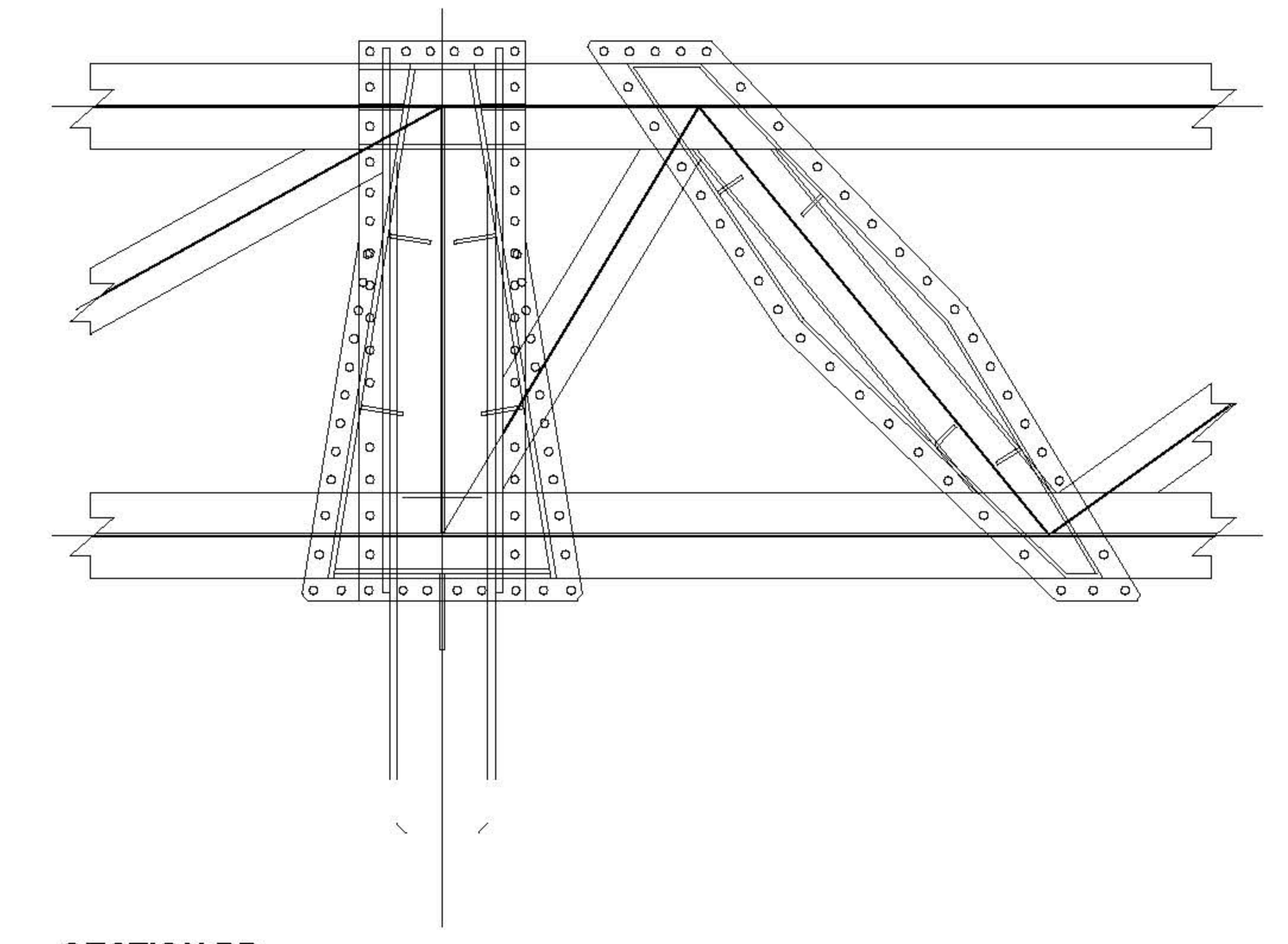
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S-760.01



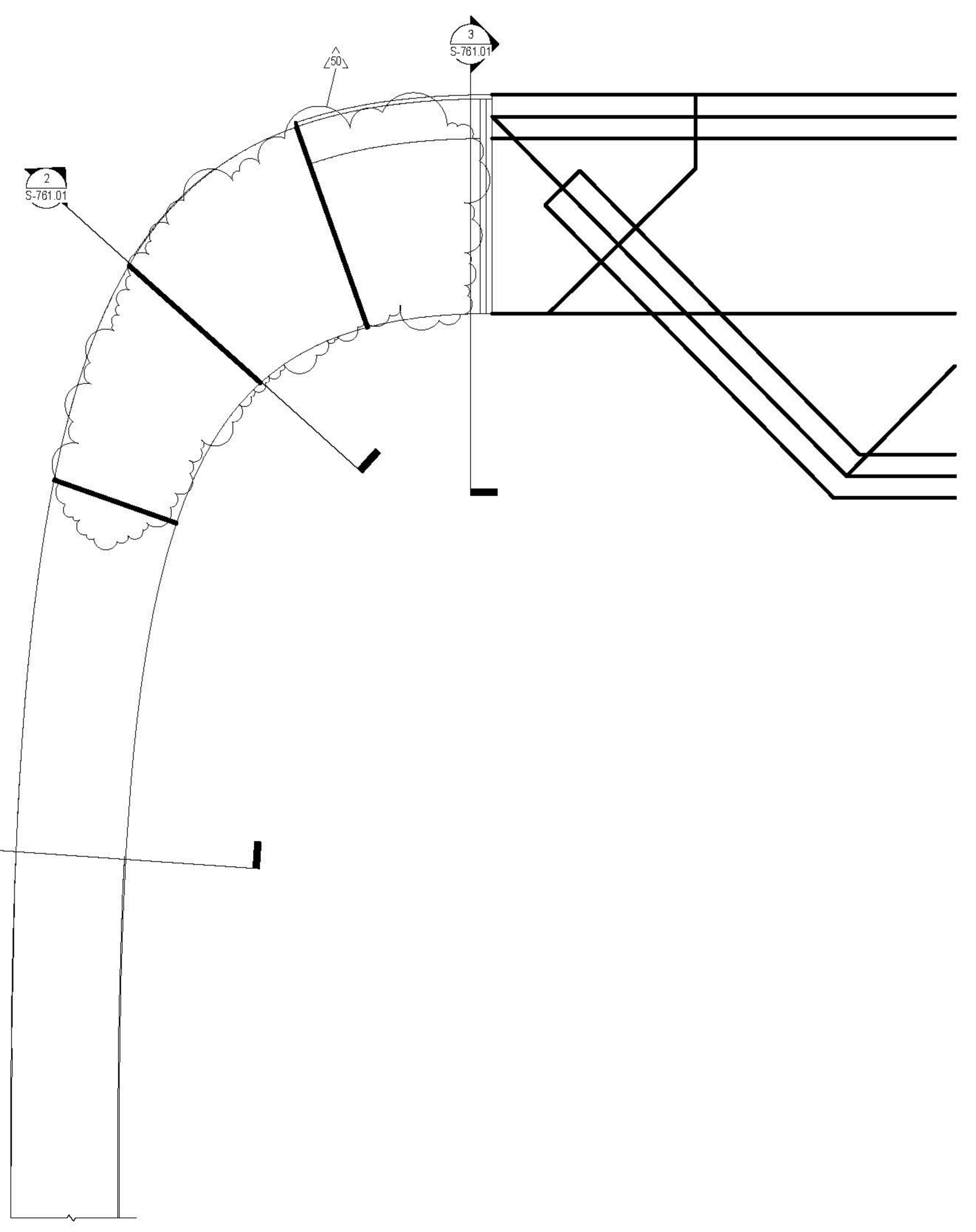
2 AXONOMETRIC
1 1/2" = 1'-0"



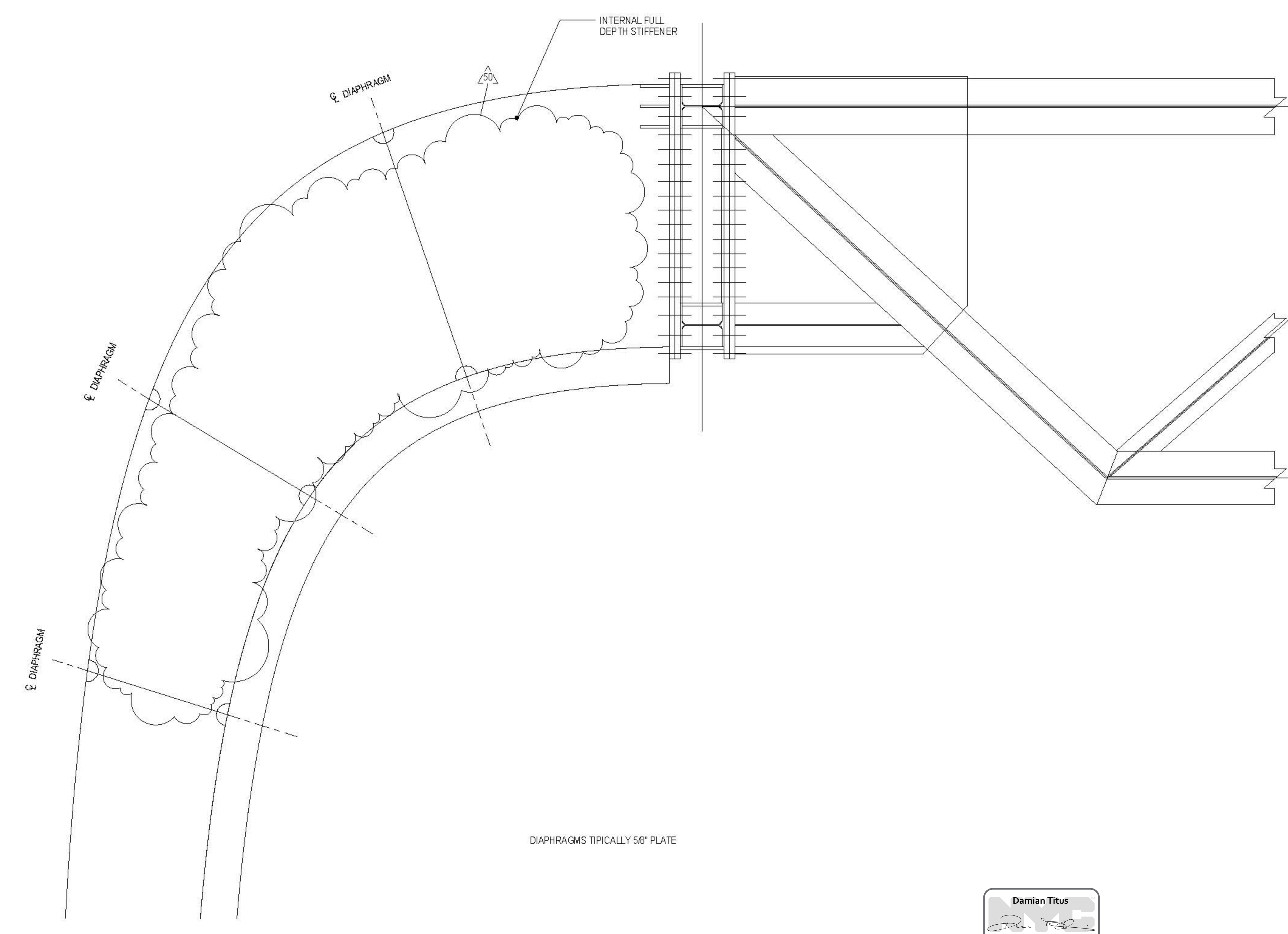
3 PARTIAL PLAN VIEW
1" = 1'-0"



5 SECTION BB
3/4" = 1'-0"

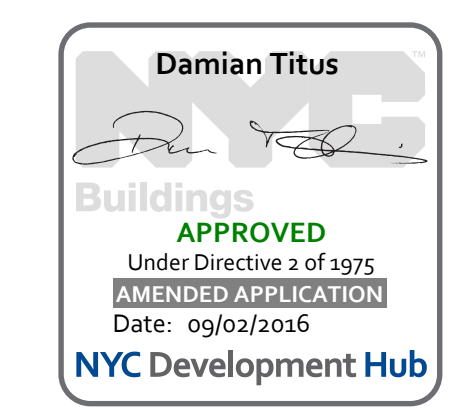


1 PARTIAL ELEVATION (LOOKING WEST) A-A
1/2" = 1'-0"



4 SECTION DD
3/4" = 1'-0"

DIAPHRAGMS TYPICALLY 5/8" PLATE



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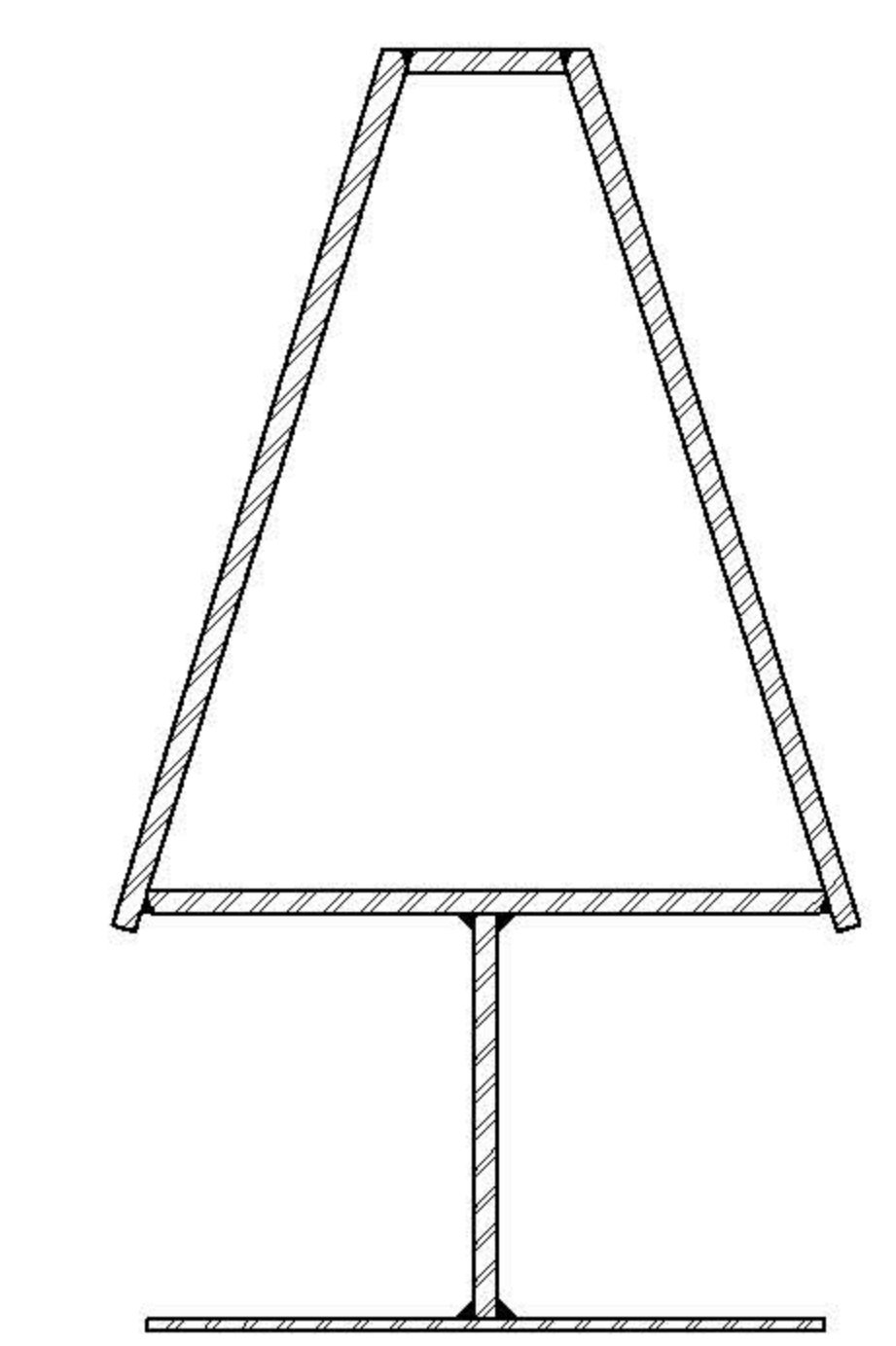
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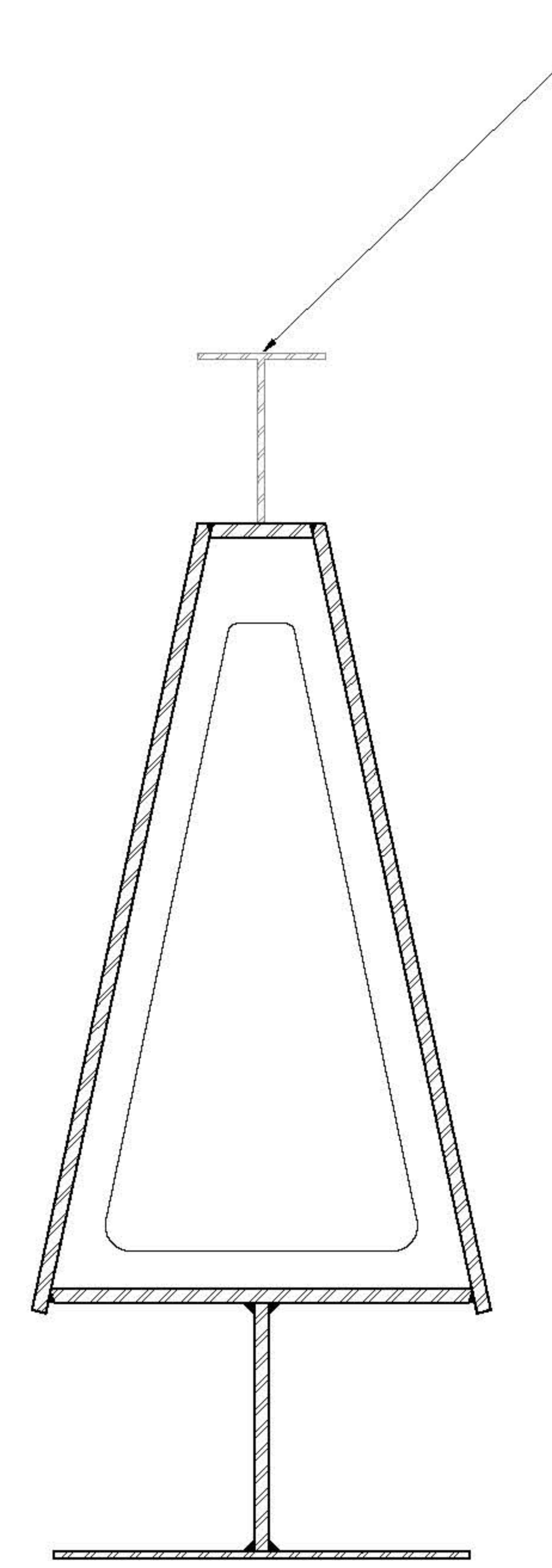
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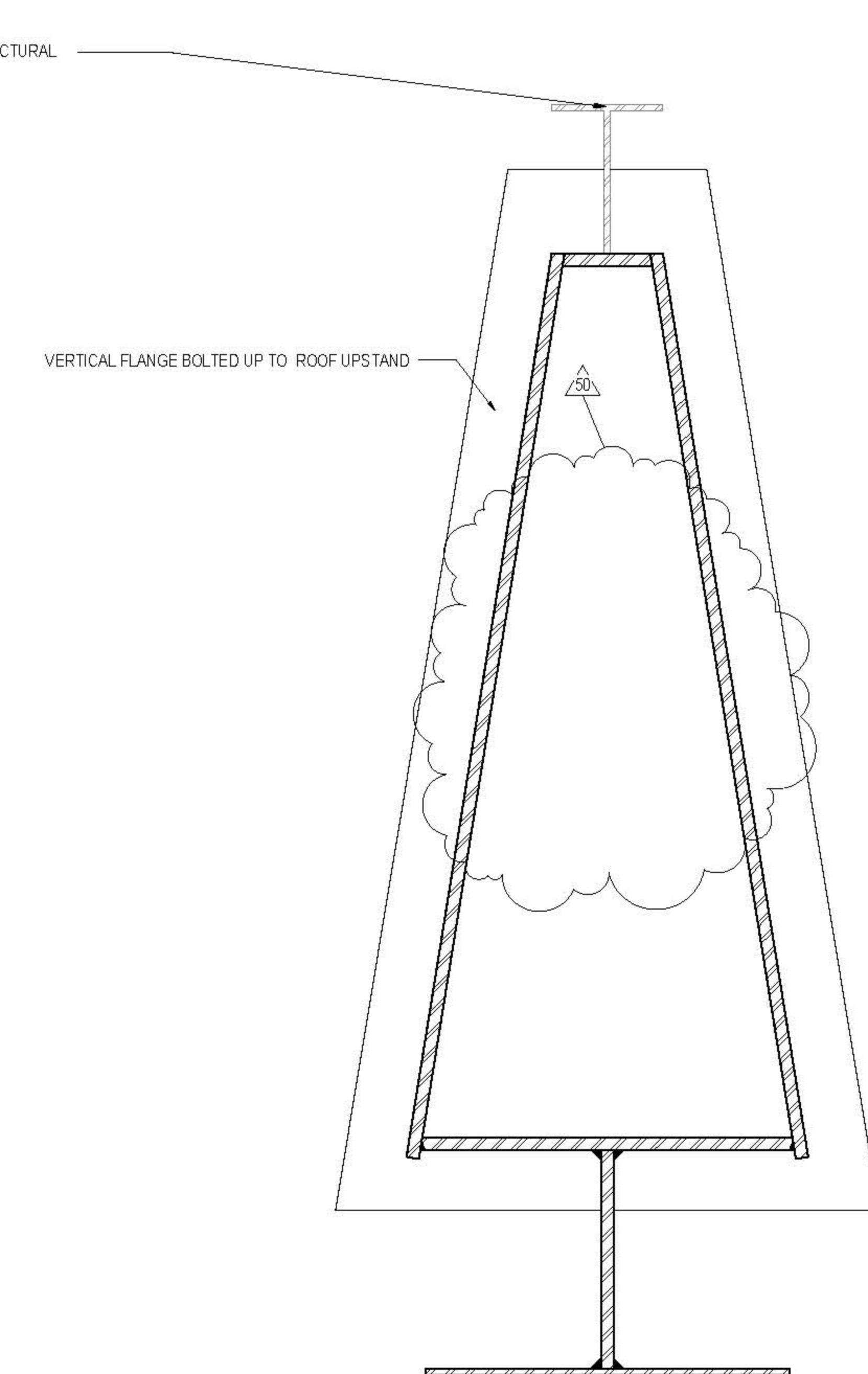
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1 TYPICAL VERTICAL SECTION
1 1/2" = 1'-0"



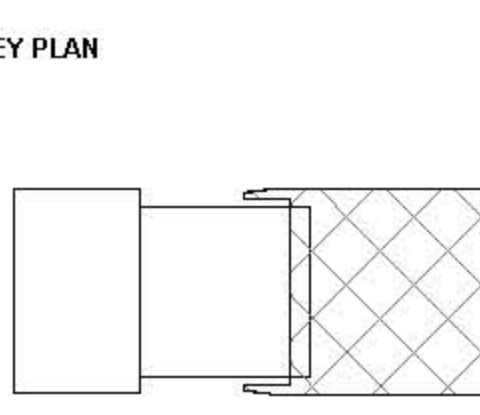
2 TYPICAL SECTION AT DIAPHRAGM
1 1/2" = 1'-0"



3 SECTION 3
1 1/2" = 1'-0"

SECONDARY STEEL TO SUPPORT ROOF CLADDING. REFER TO ARCHITECTURAL DRAWINGS/3D MODEL FOR DETAILS

VERTICAL FLANGE BOLTED UP TO ROOF UPSTAND



ISSUE	PRINTING	DATE	
63	60	DOB AMENDMENT 7	03.19.2016
44	39	DOB AMENDMENT 6	04.02.2016
21		CONSTRUCTION SET	10.08.2015
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9		90% CONSTRUCTION DOCUMENTS	02.16.2015
6		PRELIMINARY CDR SUBMISSION	12.16.2014
1		ADVANCED PROCUREMENT BID SET	06.16.2014



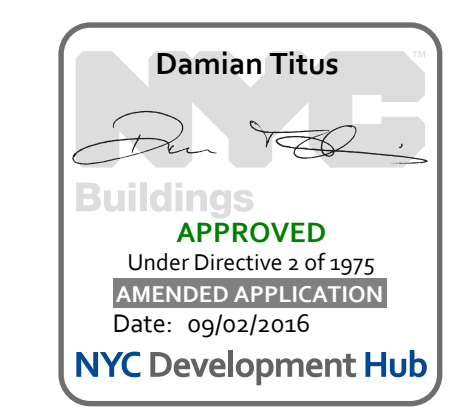
DRAWN BY: *Audrey* CHECKED BY: *Chris*

PROJECT NUMBER: N1318.00

TITLE: DETAILS, DEPLOYED SHED NORTH/SOUTH WALLS - CURVED SECTION DETAILS

DRAWING NO.: S-761.01

B.SCAN NO.: S-761.01



PENDING COORDINATION DURING DESIGN ASSIST.

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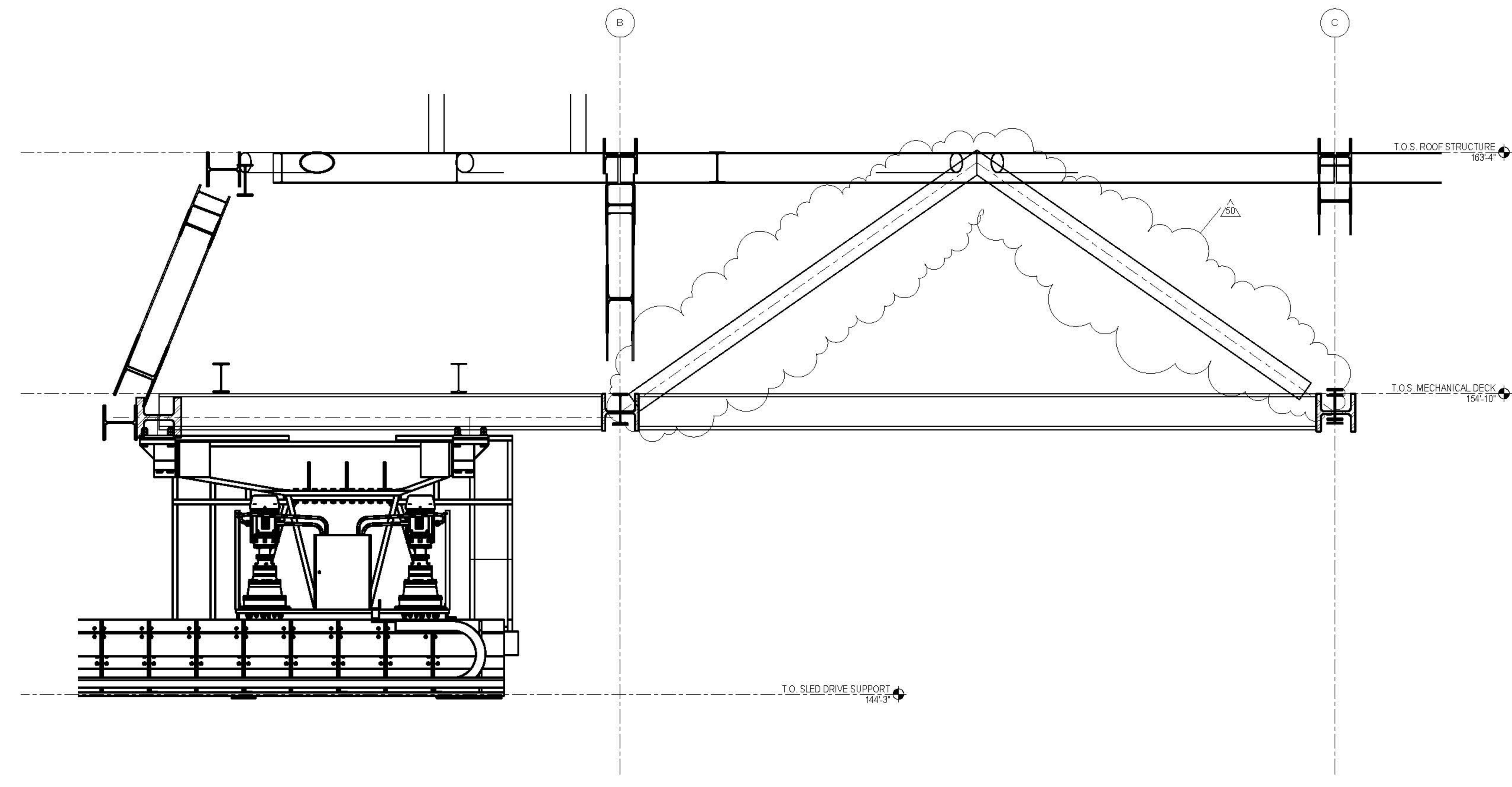
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 Duchella Venter & Santoro
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 Erik Engineering PLLC
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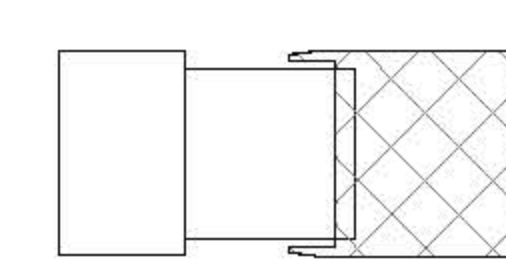
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1 SHED DRIVE CONNECTION
 1/2" = 1'-0"

KEY PLAN



ISSUE **PRINTING** **DATE**

ISSUE	PRINTING	DATE	
63	60	DOB AMENDMENT 7	03.19.2016
44	30	DOB AMENDMENT 6	04.02.2016
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9		90% CONSTRUCTION DOCUMENTS	02.16.2015
6		PRELIMINARY JOB SUBMISSION	12.10.2014
1		ADVANCED PROCUREMENT BID SET	06.16.2014



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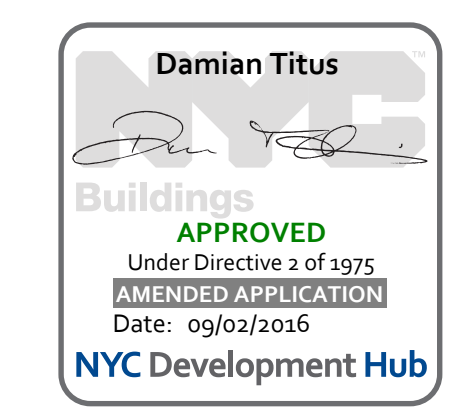
CHECKED BY
 Chris

PROJECT NUMBER
 N11318.00

TITLE
 DETAILS, DEPLOYED SHED DRIVE CONNECTION

DRAWING NO.
 S-764.01

B.SCAN NO.
S-764.01



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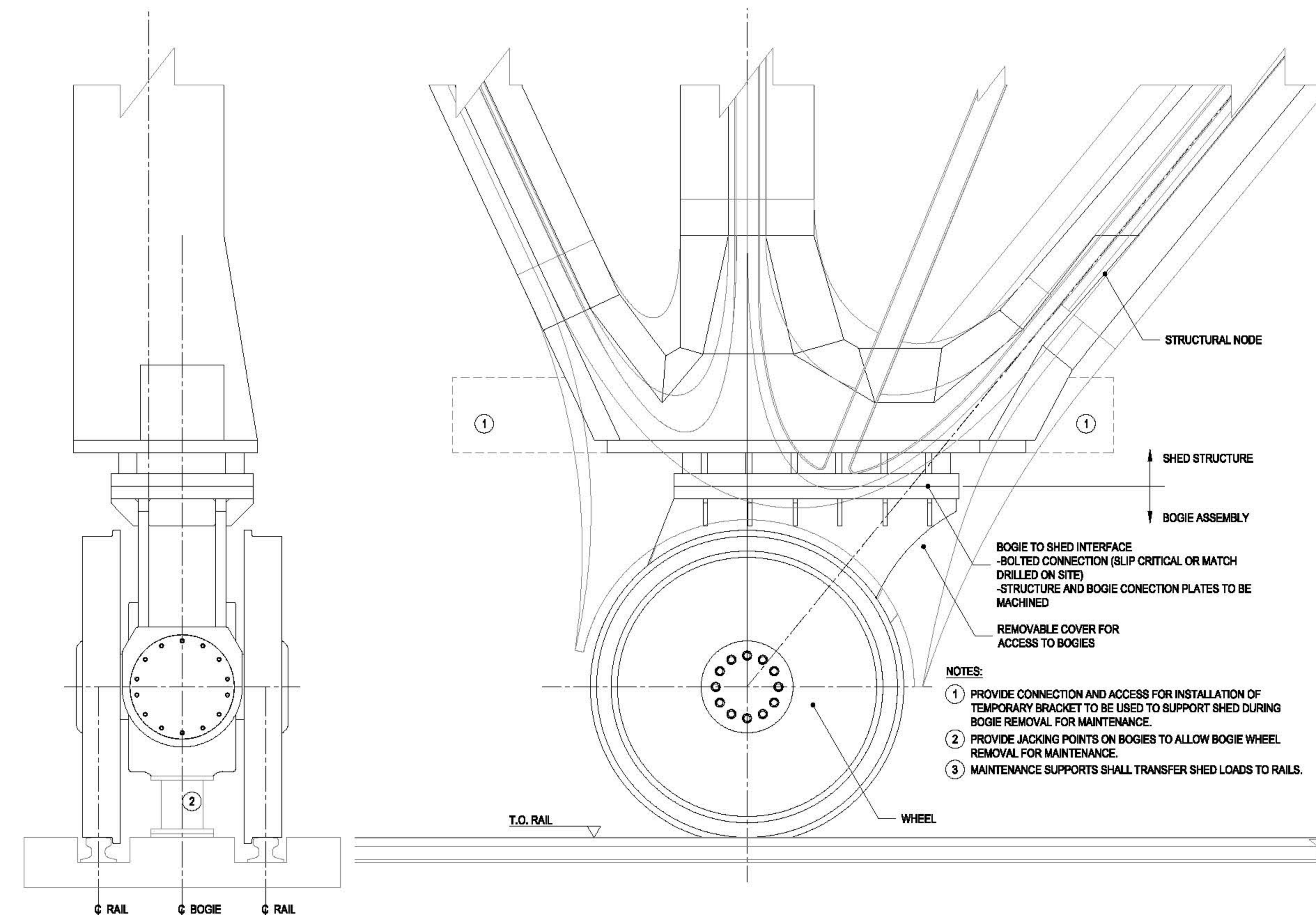
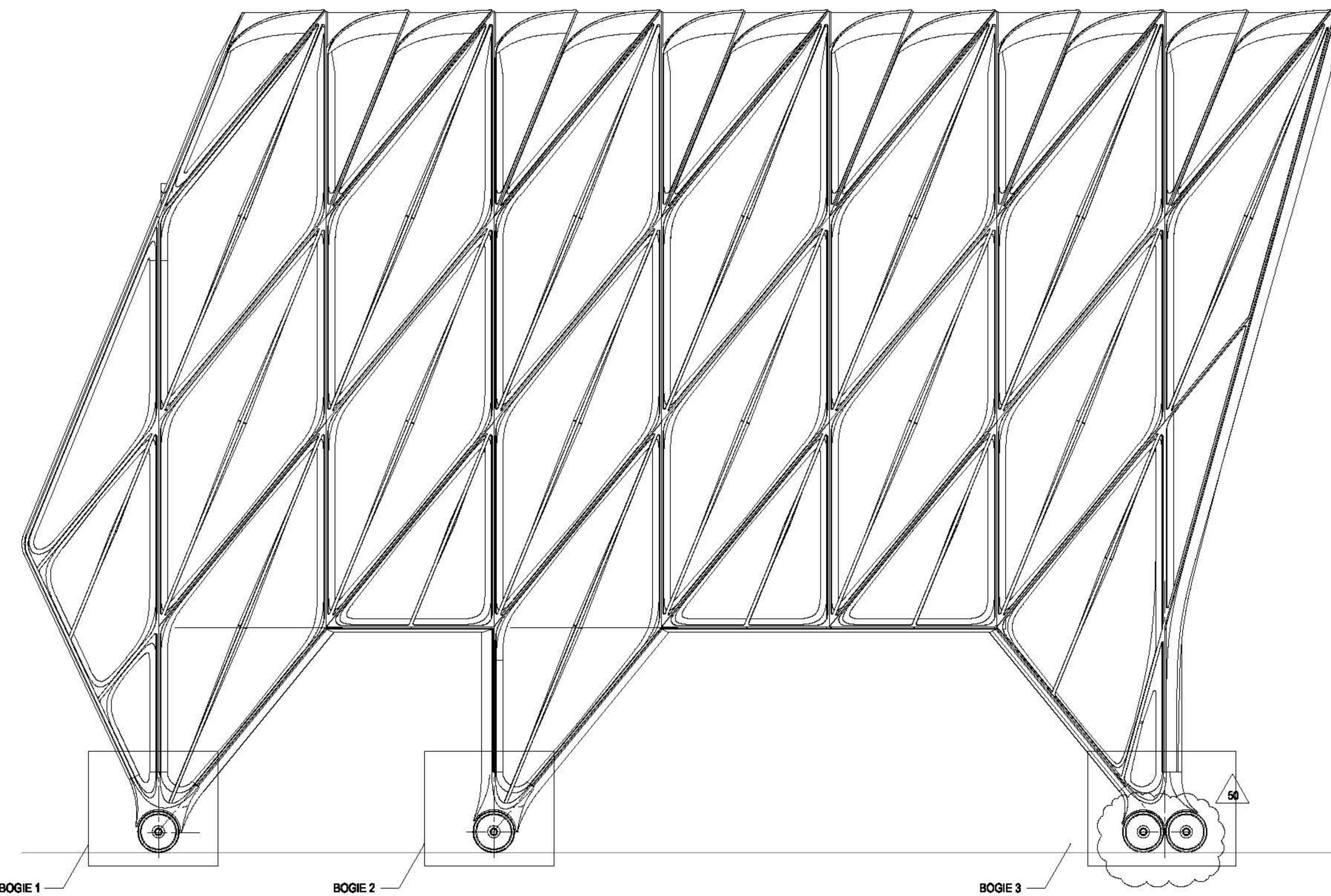
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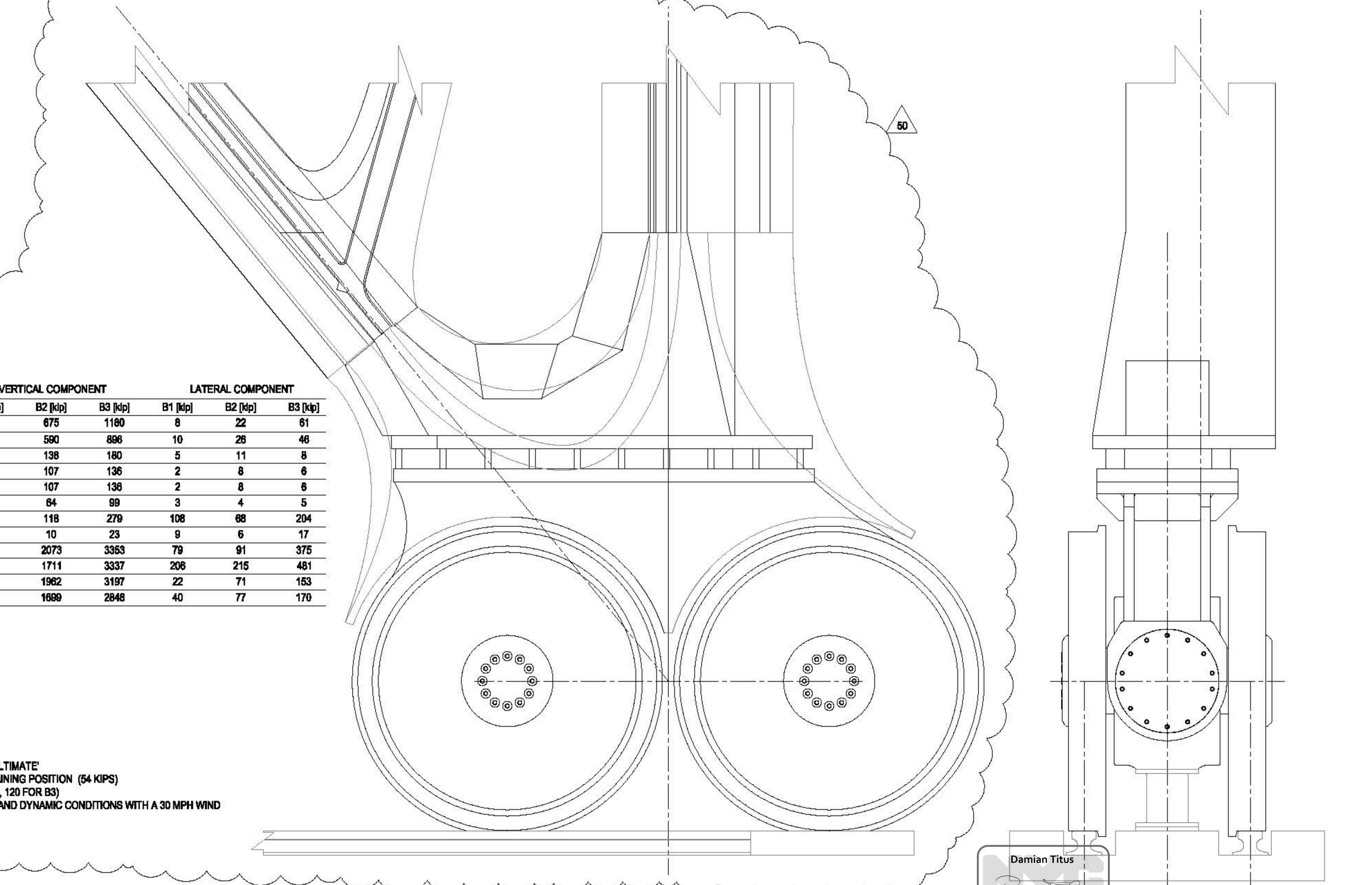
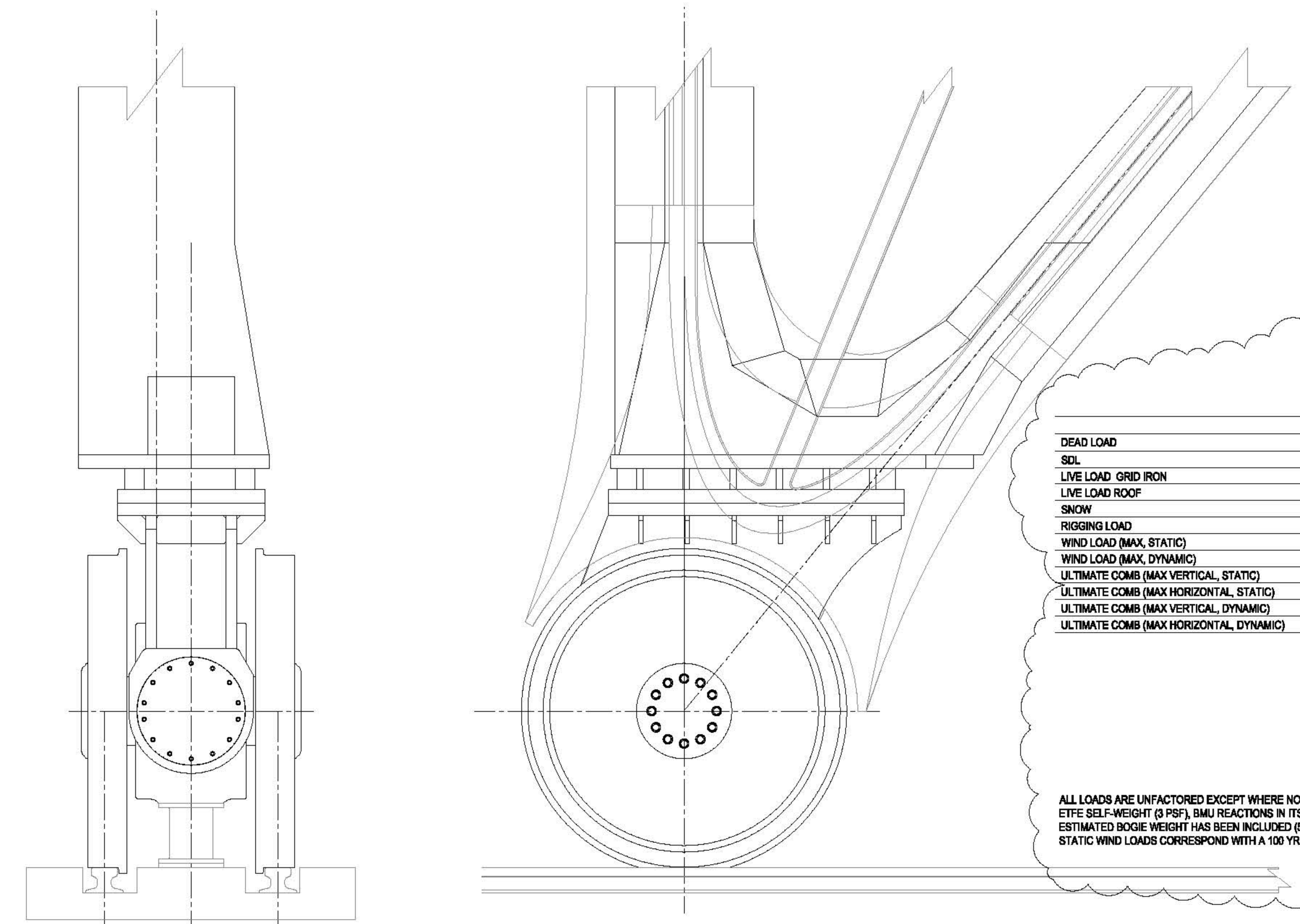
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- STRUCTURAL NODE
SHED STRUCTURE
BOGIE ASSEMBLY
- BOGIE TO SHED INTERFACE
- BOLTED CONNECTION (SLIP CRITICAL OR MATCH DRILLED ON SITE)
- STRUCTURE AND BOGIE CONNECTION PLATES TO BE MACHINED
- REMOVABLE COVER FOR ACCESS TO BOGIES
- NOTES:
① PROVIDE CONNECTION AND ACCESS FOR INSTALLATION OF TEMPORARY BRACKET TO BE USED TO SUPPORT SHED DURING BOGIE REMOVAL FOR MAINTENANCE.
② PROVIDE JACKING POINTS ON BOGIES TO ALLOW BOGIE WHEEL REMOVAL FOR MAINTENANCE.
③ MAINTENANCE SUPPORTS SHALL TRANSFER SHED LOADS TO RAILS.

1 SOUTH ELEVATION
3/8" = 1'-0"

2 BOGIE 1
3/4" = 1'-0"



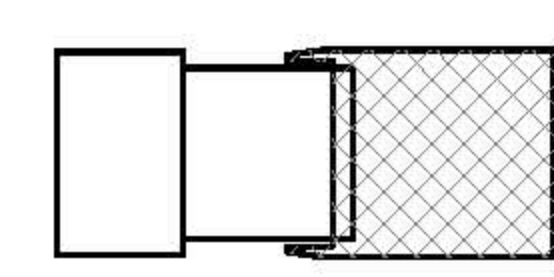
	VERTICAL COMPONENT			LATERAL COMPONENT		
	B1 [k]	B2 [k]	B3 [k]	B1 [k]	B2 [k]	B3 [k]
DEAD LOAD	297	675	1180	8	22	61
SDL	230	560	886	10	26	46
LIVE LOAD GRID IRON	50	138	180	5	11	8
LIVE LOAD ROOF	37	107	136	2	6	6
SNOW	37	107	136	2	6	6
RIGGING LOAD	32	64	89	3	4	5
WIND LOAD (MAX. STATIC)	67	118	279	108	68	204
WIND LOAD (MAX. DYNAMIC)	8	10	23	9	6	17
ULTIMATE COMB (MAX VERTICAL, STATIC)	658	2073	3353	79	91	375
ULTIMATE COMB (MAX HORIZONTAL, STATIC)	688	1711	3337	206	215	461
ULTIMATE COMB (MAX VERTICAL, DYNAMIC)	606	1962	3197	22	71	153
ULTIMATE COMB (MAX HORIZONTAL, DYNAMIC)	688	1688	2848	40	77	170

ALL LOADS ARE UNFACTORED EXCEPT WHERE NOTED 'ULTIMATE'
ETFE SELF-WEIGHT (3 PSF), BMU REACTIONS IN ITS REMAINING POSITION (54 KIPS)
ESTIMATED BOGIE WEIGHT HAS BEEN INCLUDED (88 KIPS, 120 FOR 33)
STATIC WIND LOADS CORRESPOND WITH A 100 YR WIND AND DYNAMIC CONDITIONS WITH A 30 MPH WIND

3 BOGIE 2
3/4" = 1'-0"

4 BOGIE 3
3/4" = 1'-0"

KEY PLAN



ISSUE PRINTING DATE

REV	DESCRIPTION	DATE
01	DOB AMENDMENT 7	08.19.2018
10	100% CONSTRUCTION DOCUMENTS	03.18.2019
9	90% CONSTRUCTION DOCUMENTS	02.18.2019
8	PRELIMINARY DESIGN SUBMISSION	12.10.2014
1	ADVANCED PROCUREMENT BID SET	08.18.2014

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DRAWN BY: MGC
CHECKED BY: SL
PROJECT NUMBER: N11318.00

TITLE: SHED TO BOGIE CONNECTIONS

DRAWING NO.: S-765.01

D-SCAN NO.: S-765.01

100 of 120

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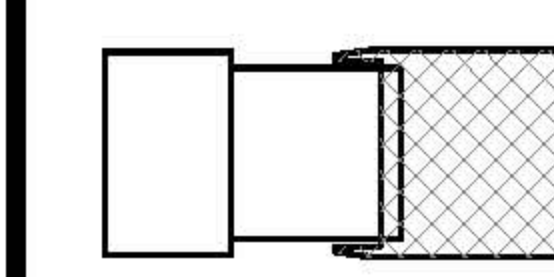
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KEY PLAN



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81	50	DOB AMENDMENT 7	08/18/2016
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MG

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SL

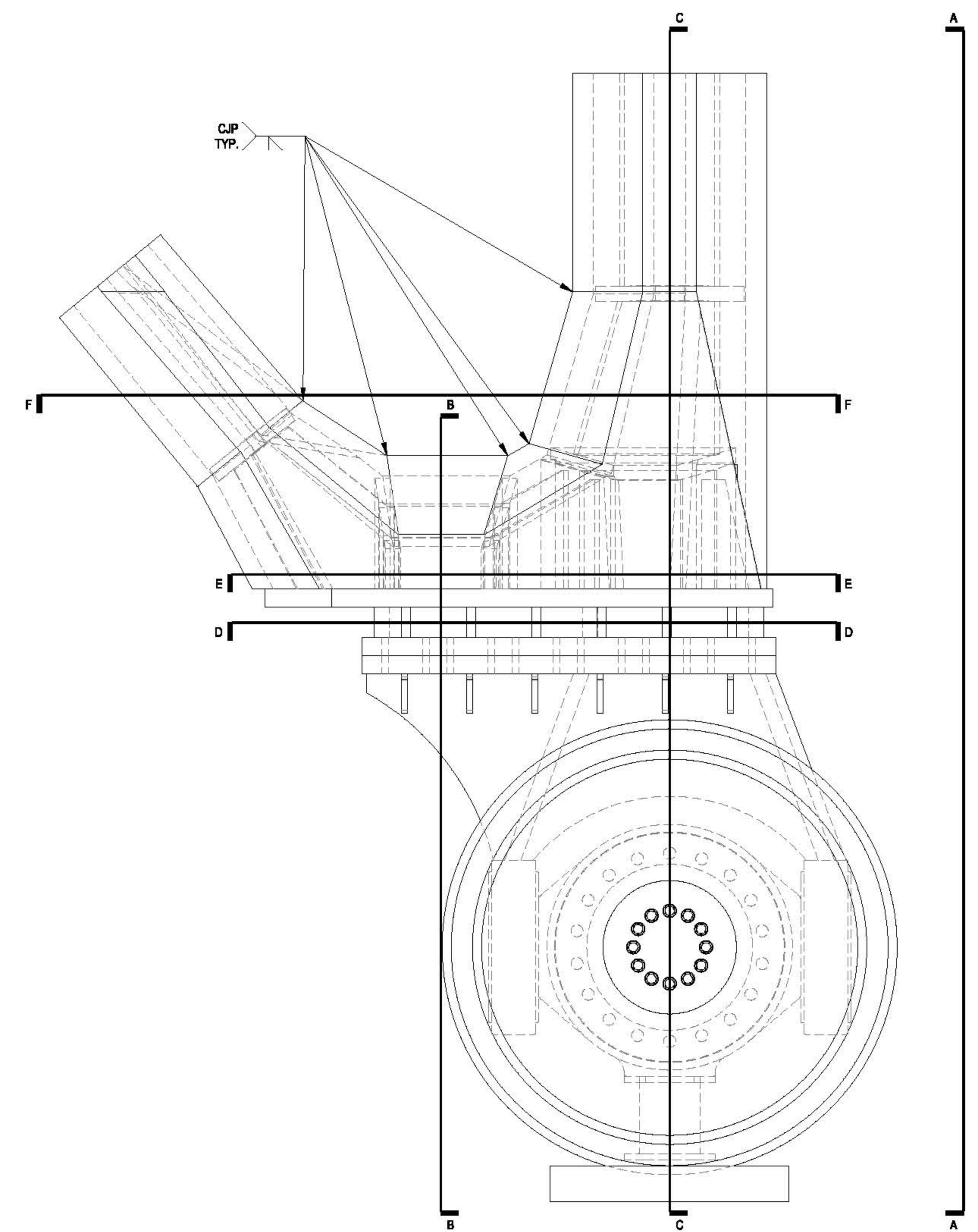
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N11818.00

TITLE
SHED TO BOGIE DETAILS

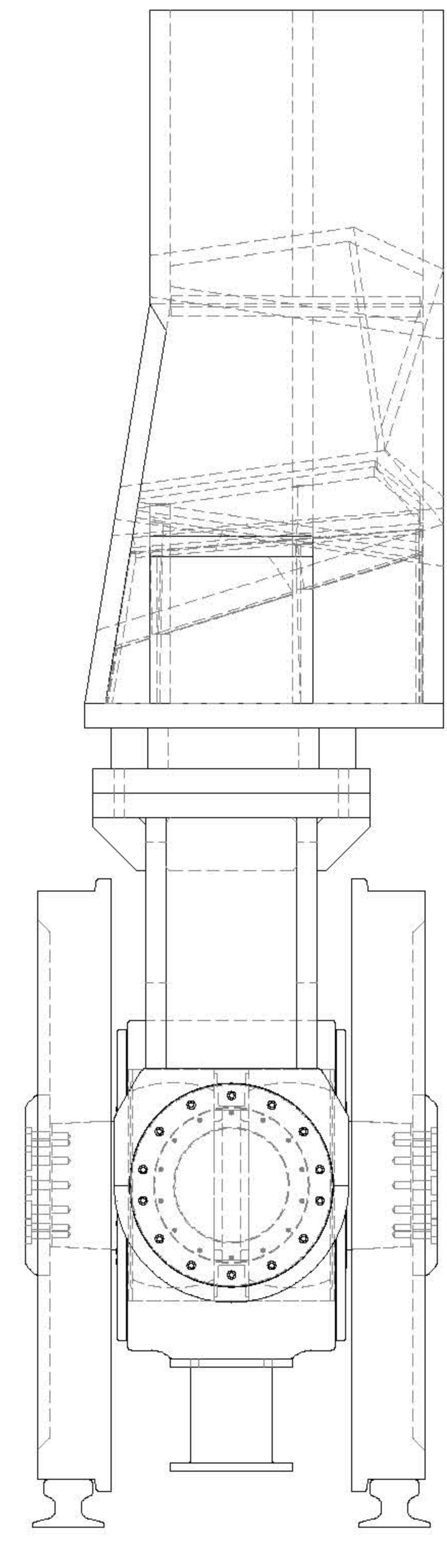
DRAWING NO.
S-766.01

8-6CAN NO.
S-766.01

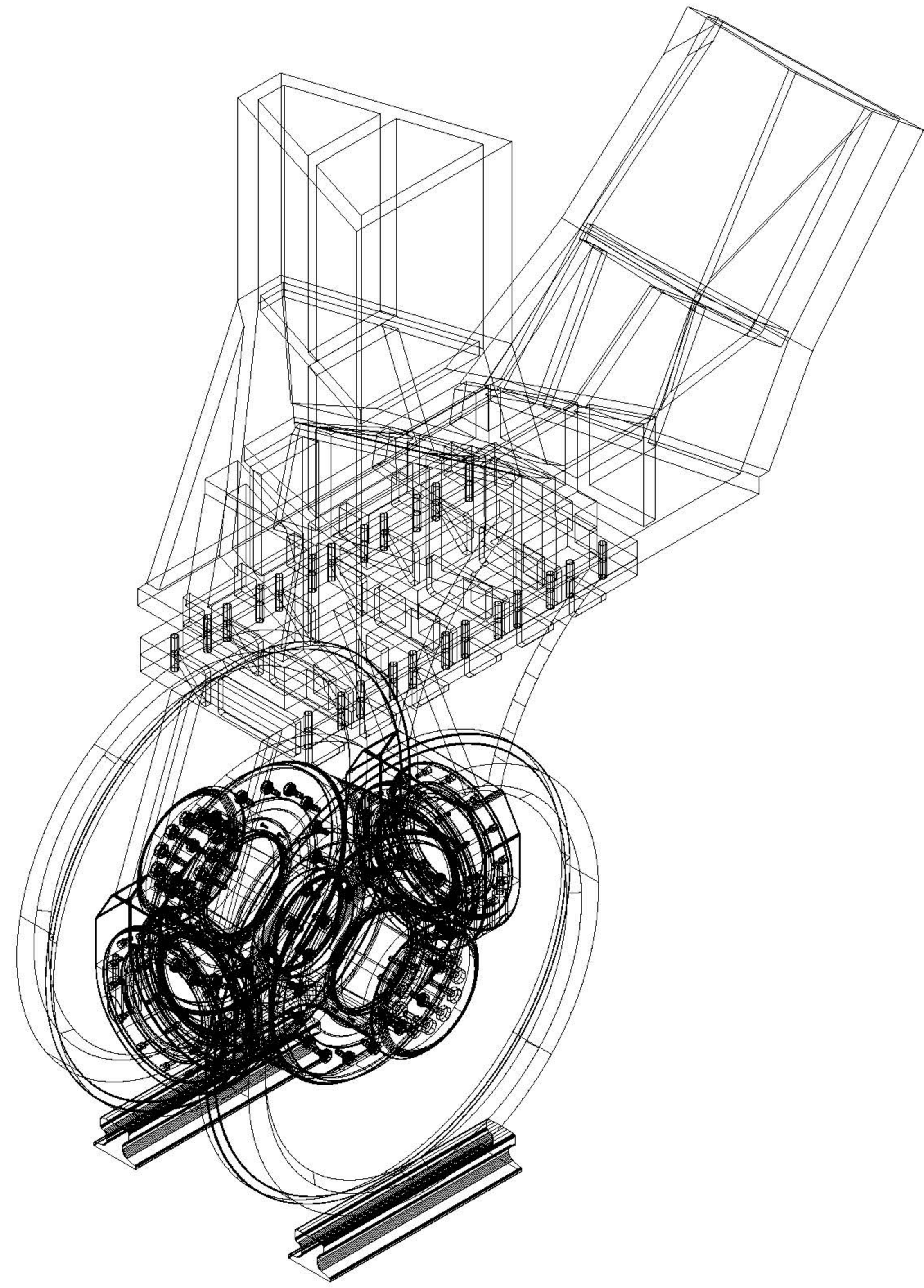
101 of 123



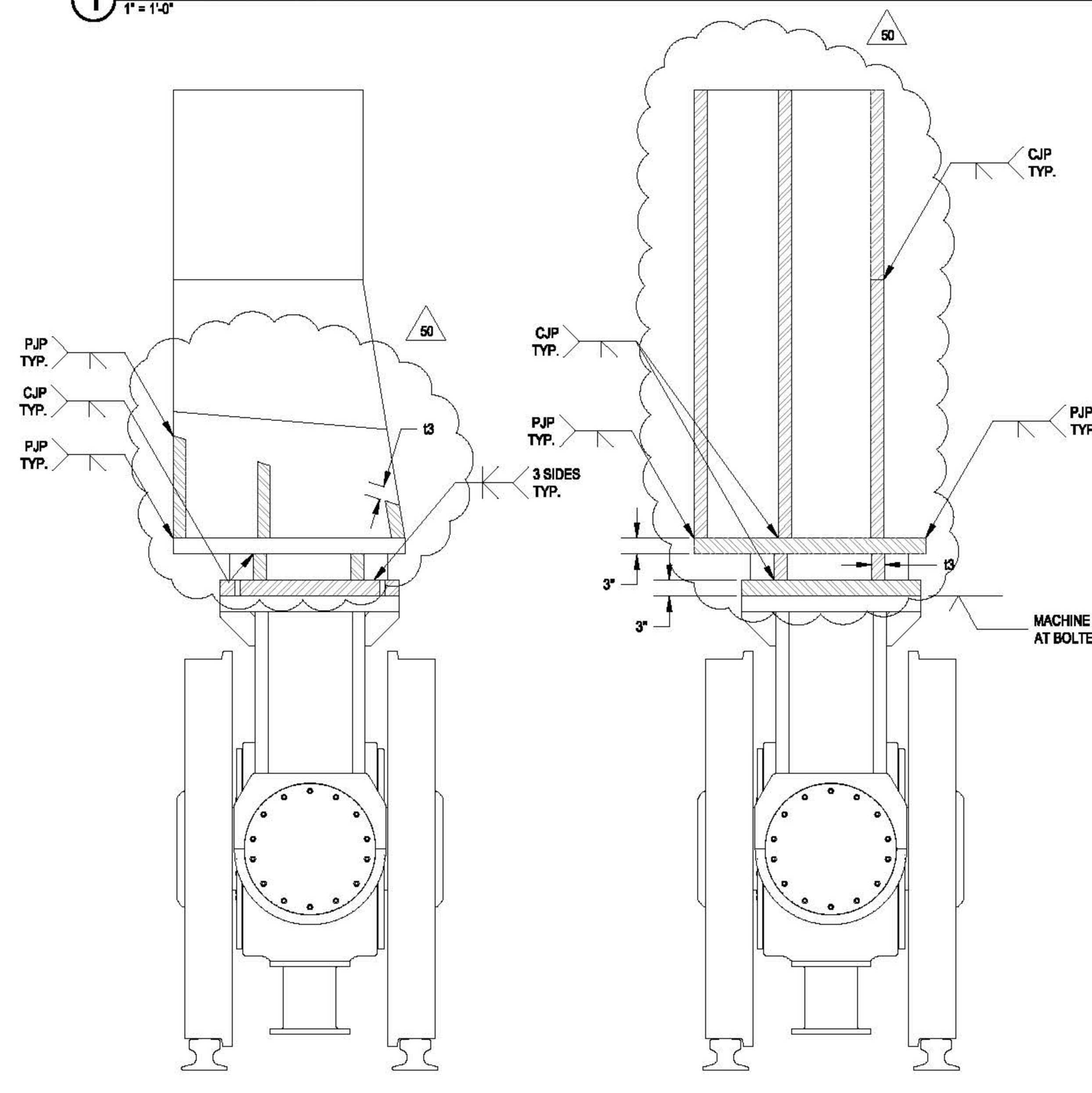
1 SOUTH ELEVATION
1" = 1'-0"



2 VIEW A-A
1" = 1'-0"

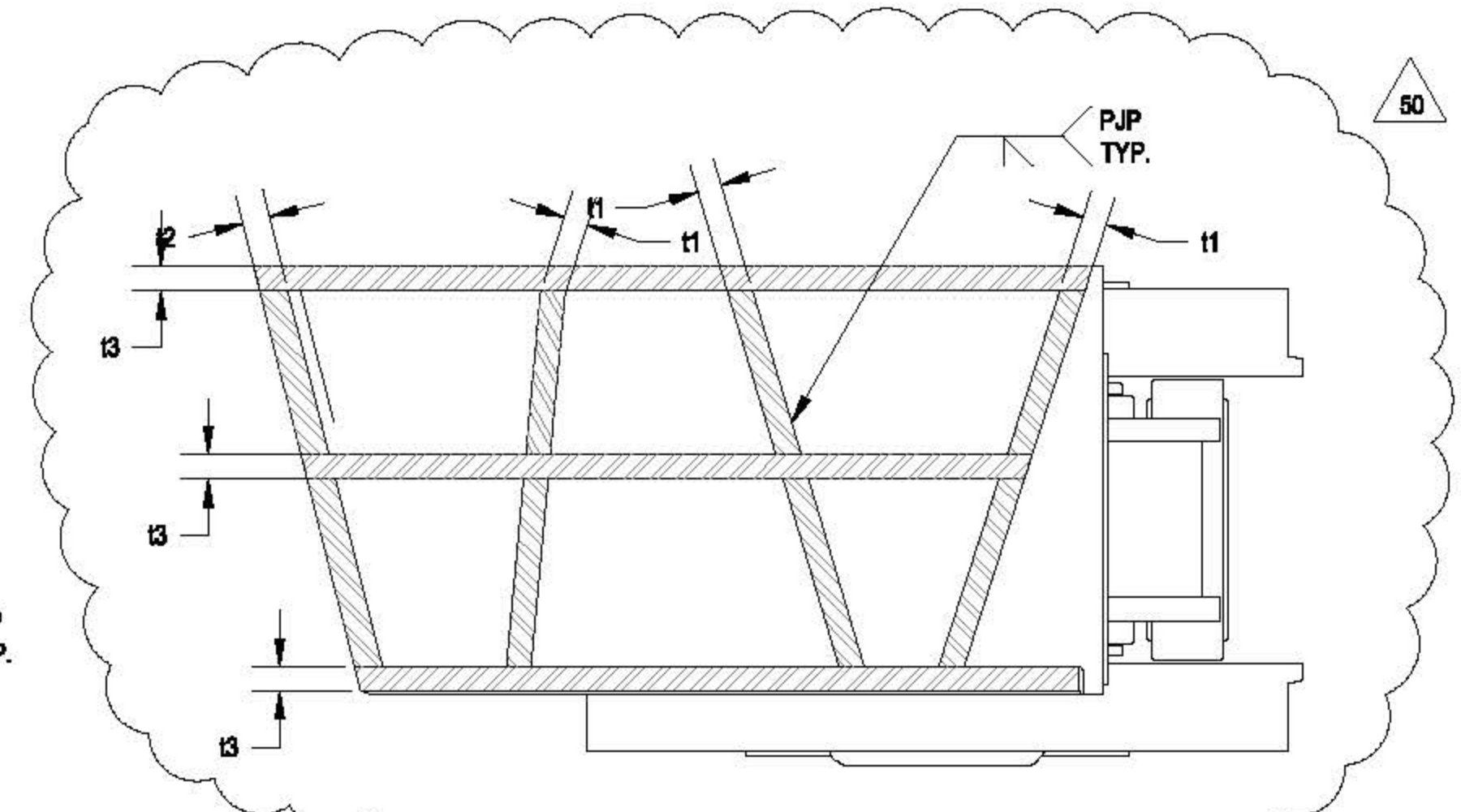


3 AXONOMETRIC

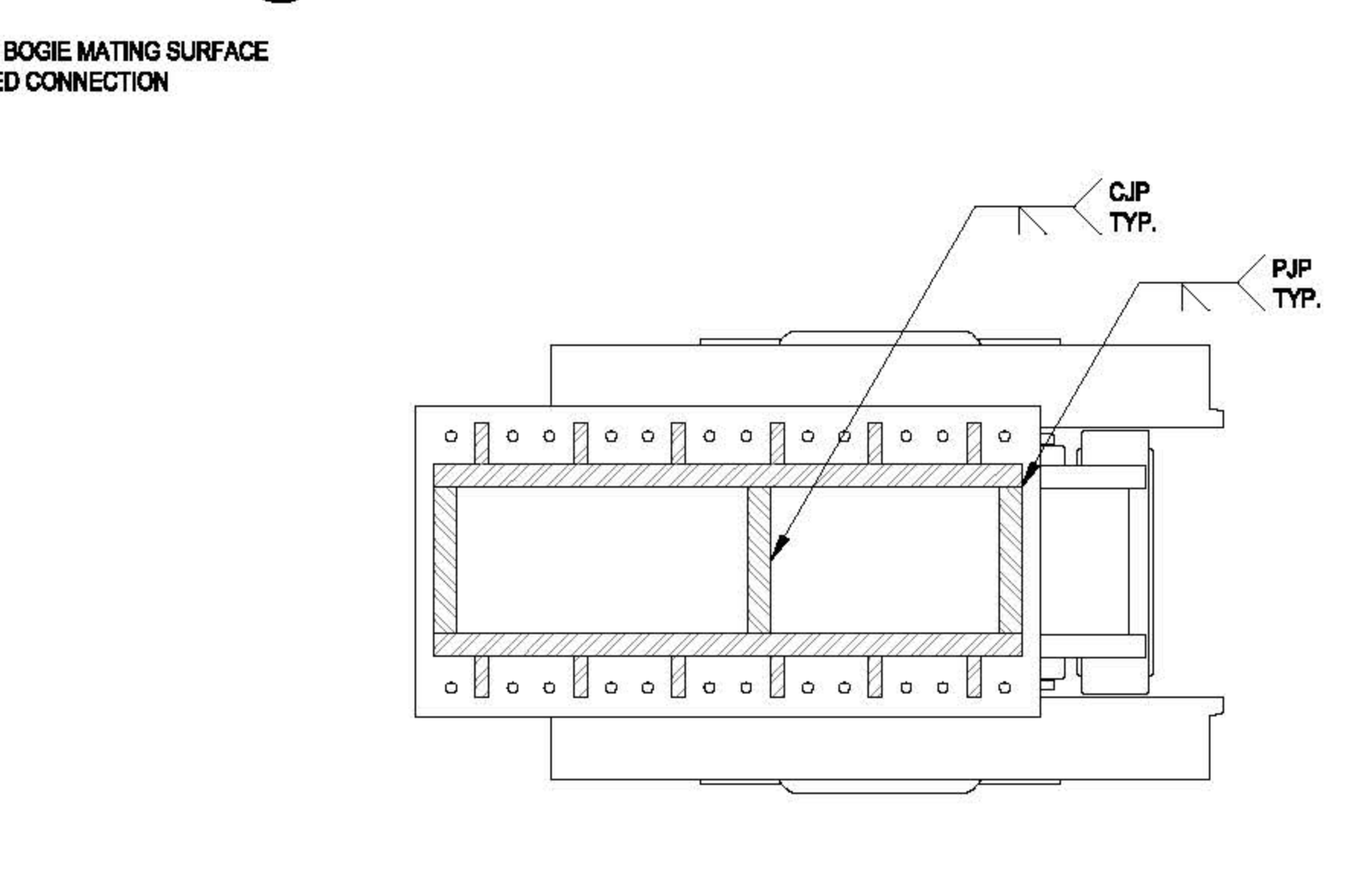


3 SECTION B-B
3/4" = 1'-0"

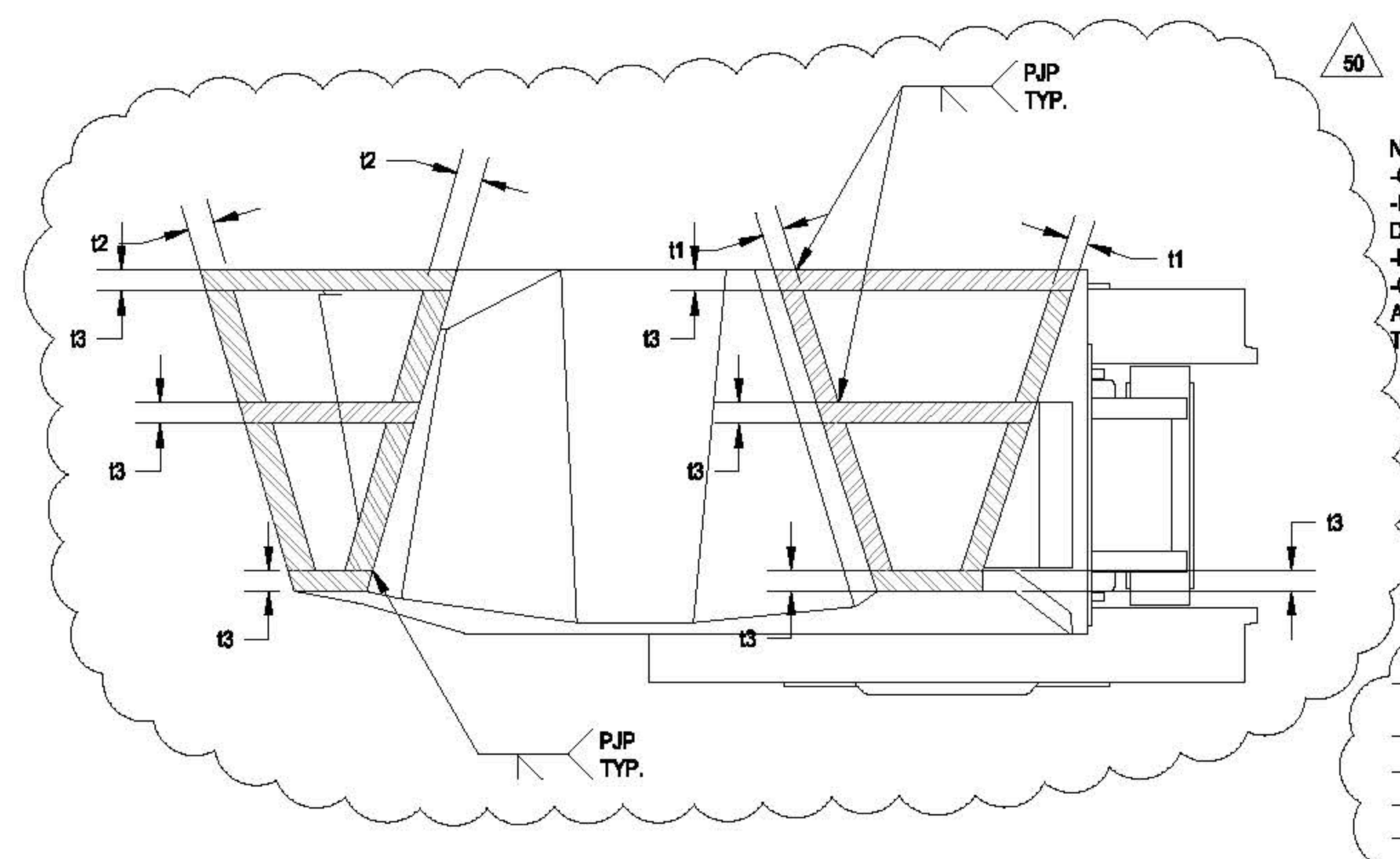
4 SECTION C-C
3/4" = 1'-0"



5 SECTION E-E
3/4" = 1'-0"



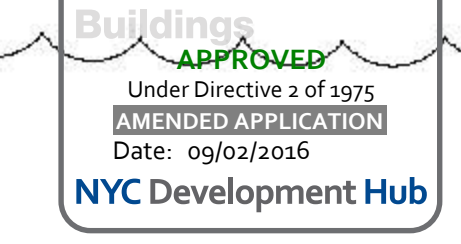
6 SECTION D-D
3/4" = 1'-0"



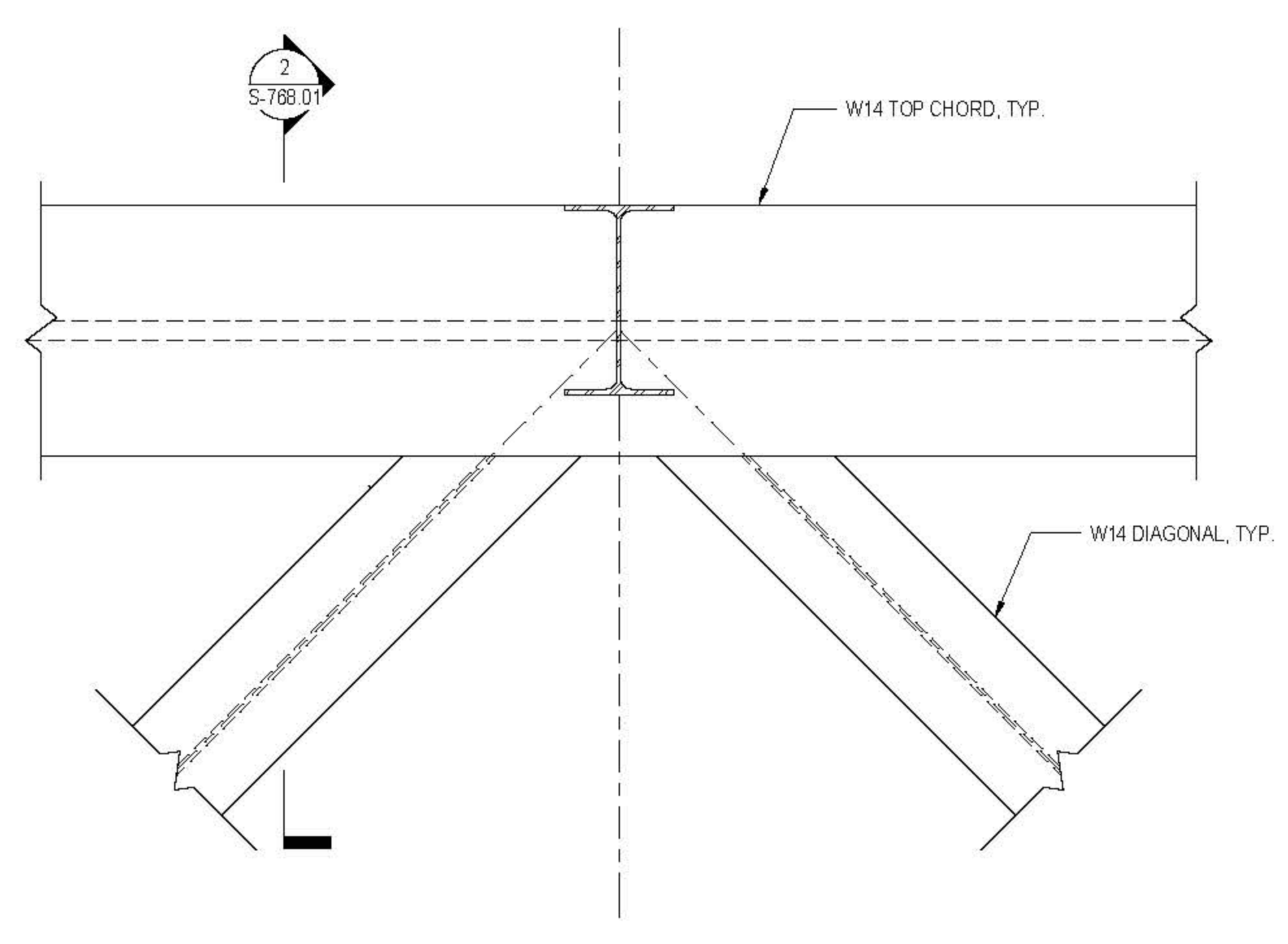
7 SECTION F-F
3/4" = 1'-0"

NOTES:
-GEOMETRY IS BASED ON WELDED CONSTRUCTION FROM FLAT PLATES
-INTERNAL PLATE CONFIGURATION AND WELD SEQUENCE TO BE DEVELOPED DURING DESIGN ASSIST PHASE
-PLATE THICKNESS IS 2 INCH UNLESS NOTED
-CASTINGS MAY BE PROPOSED AS AN ALTERNATE, SUBJECT TO AGREEMENT WITH THE ARCHITECT AND SER. REFER TO SPECIFICATION AND ARCHITECTURAL DRAWINGS FOR THE INTERFACE BETWEEN THE CASTING AND STEELWORK (I.E. THE REVEAL).

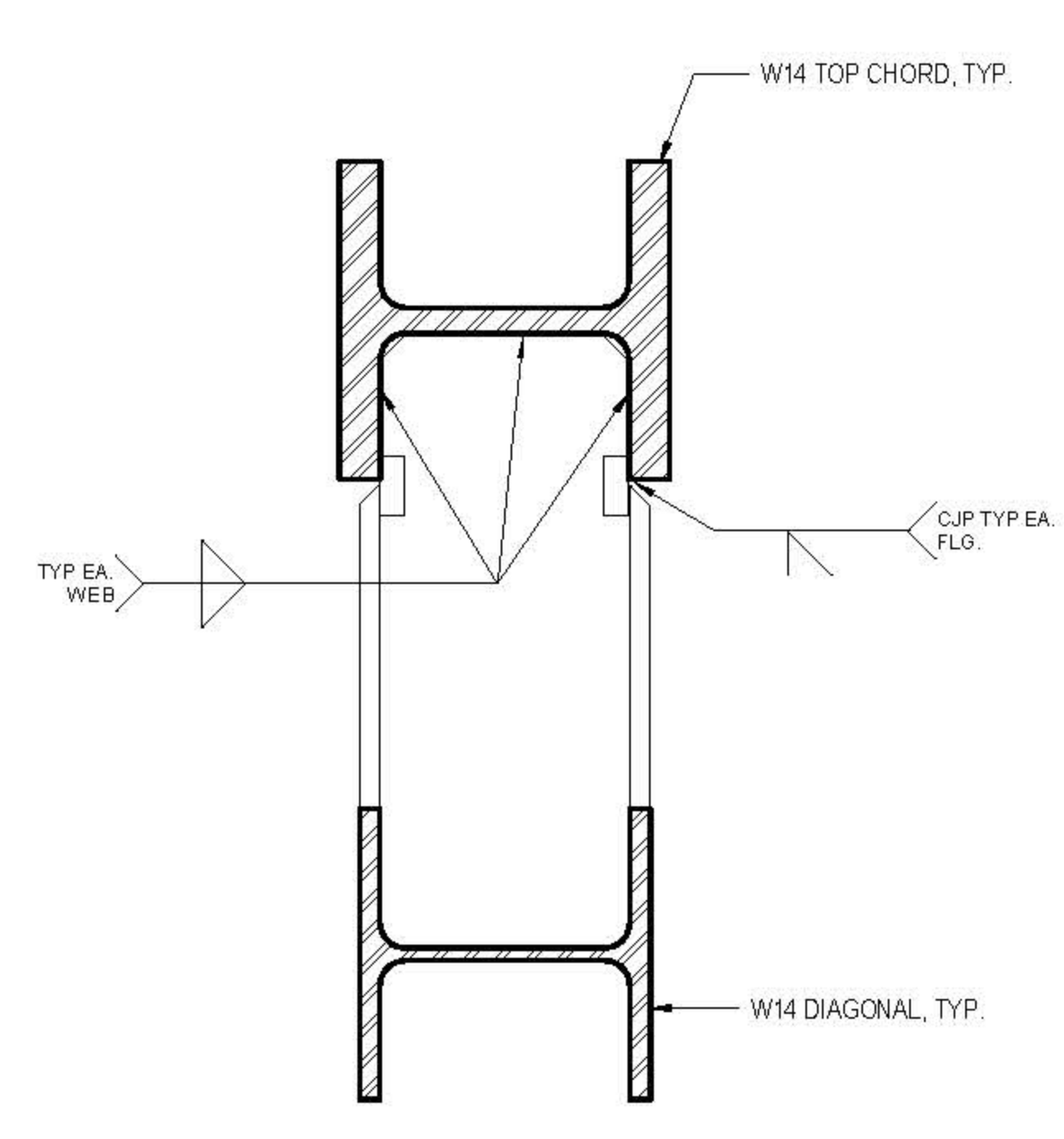
THICKNESS	11 [in]	12 [in]	13 [in]
BOGIE B1	3/4	3/8	1 1/2
BOGIE B2	3/4	1 1/4	1 1/2
BOGIE B3	2 1/2	1	2 1/2



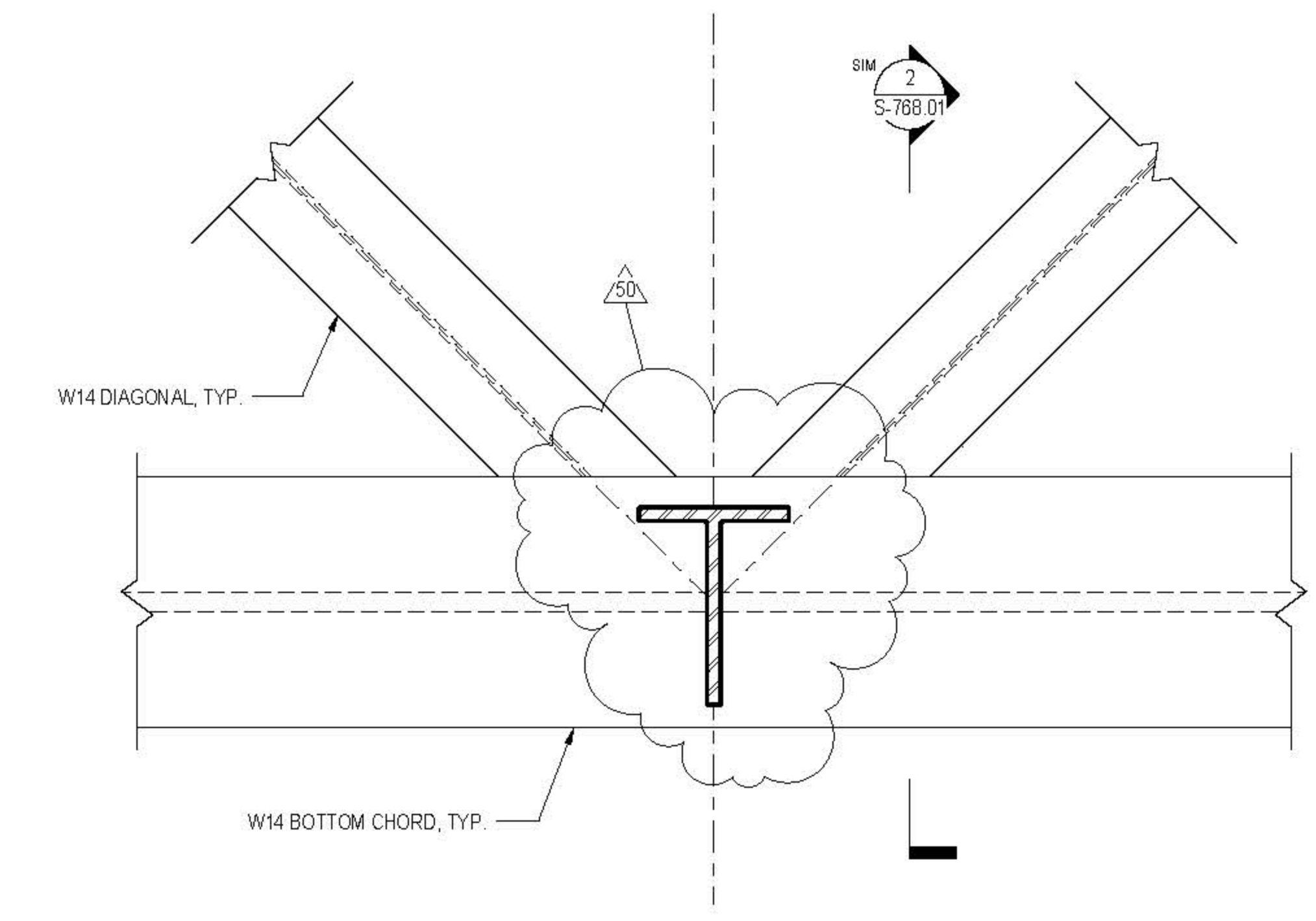
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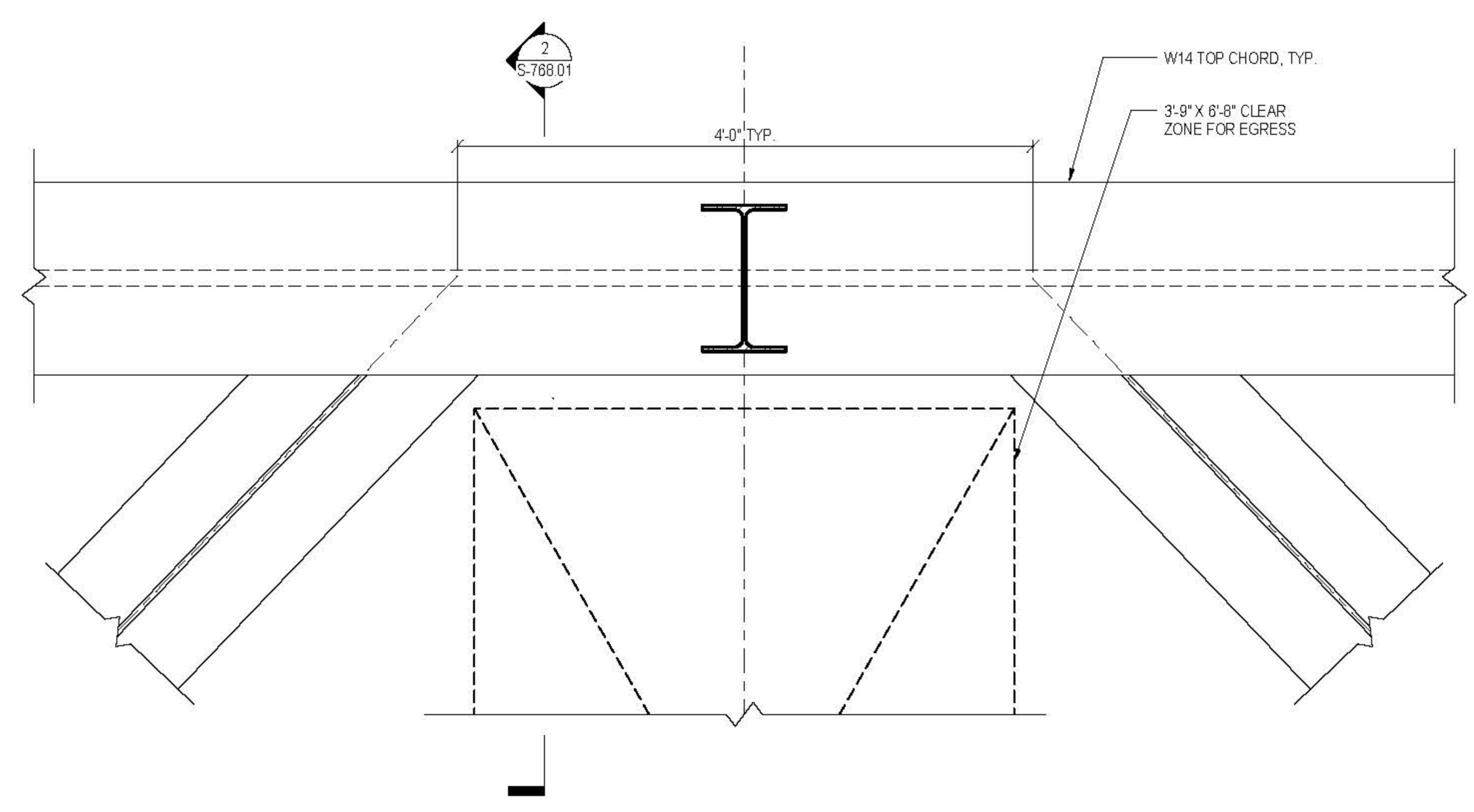
1 TYPICAL TRUSS CONNECTION AT TOP CHORD
 1/16" = 1'-0"



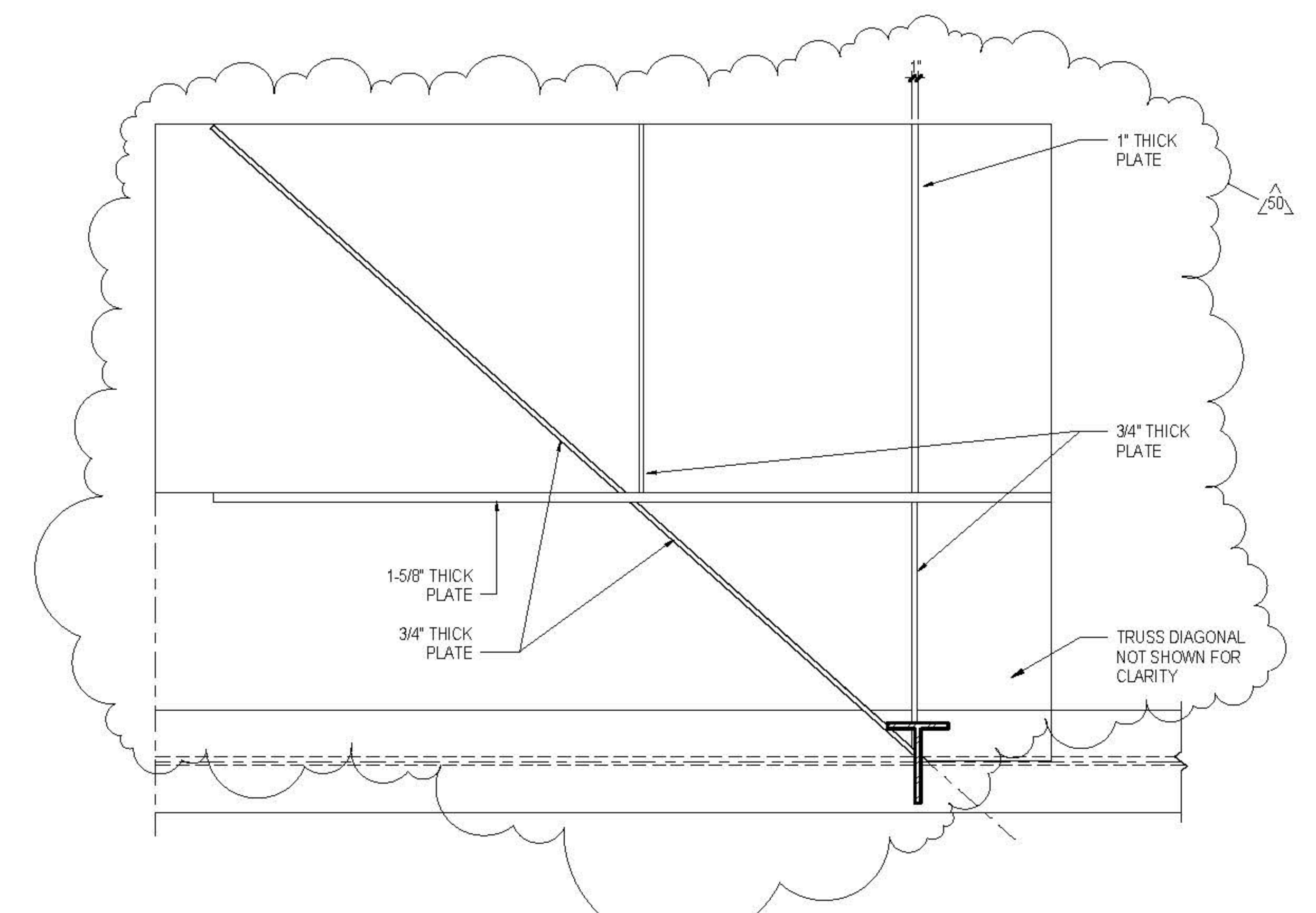
2 TYPICAL TRUSS DIAGONAL CONNECTION
 1/16" = 1'-0"



3 TYPICAL TRUSS CONNECTION AT BOTTOM CHORD
 1/16" = 1'-0"

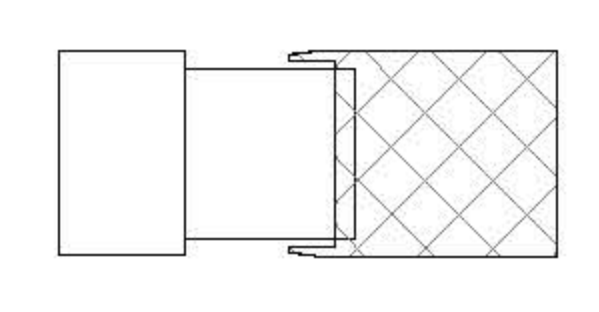


4 TYPICAL TRUSS CONNECTION AT WALKWAY
 1/16" = 1'-0"



5 TYPICAL BOTTOM CHORD END CONNECTION
 3/4\"/>

KEY PLAN



ISSUE Δ PRINTING DATE

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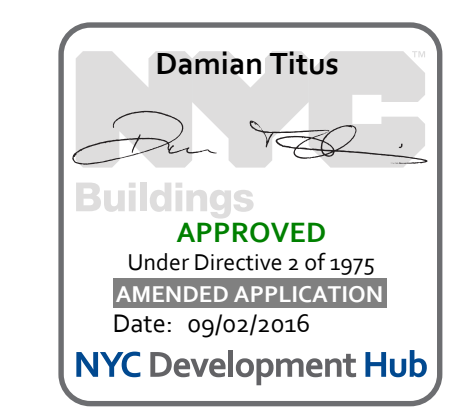
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DRAWN BY: *Autum* CHECKED BY: *Chris*
 PROJECT NUMBER: N11318.00

TITLE: DETAILS, DEPLOYED SHED NORTH/SOUTH WALLS - N-S TRUSSES

DRAWING NO.: S-768.01

B-SCAN NO.: S-768.01



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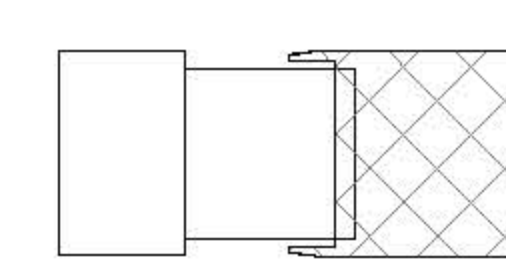
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KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
01	01	08/19/2016
02	02	08/23/2016
03	03	08/23/2016
04	04	08/23/2016
05	05	08/23/2016
06	06	08/23/2016
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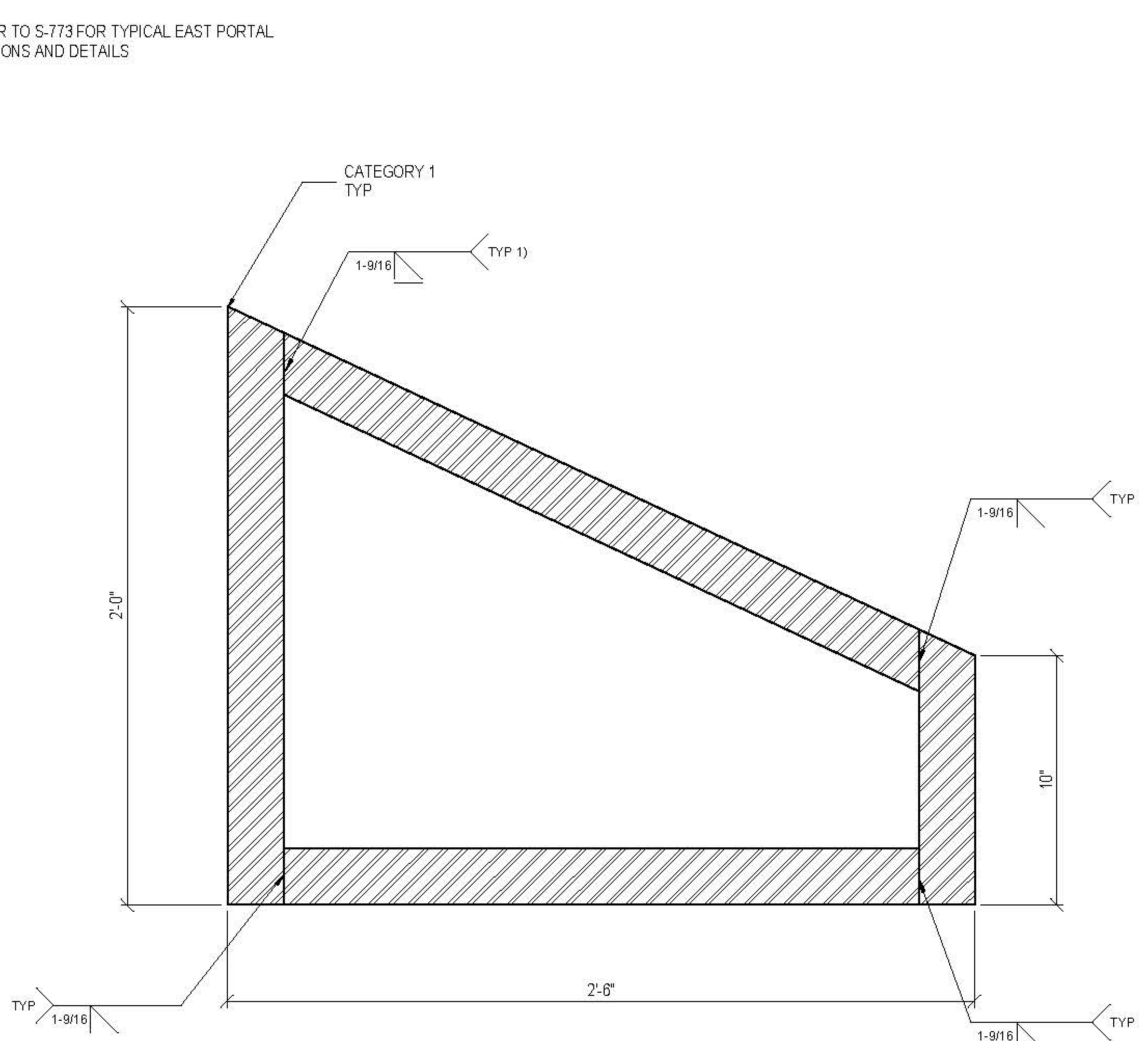
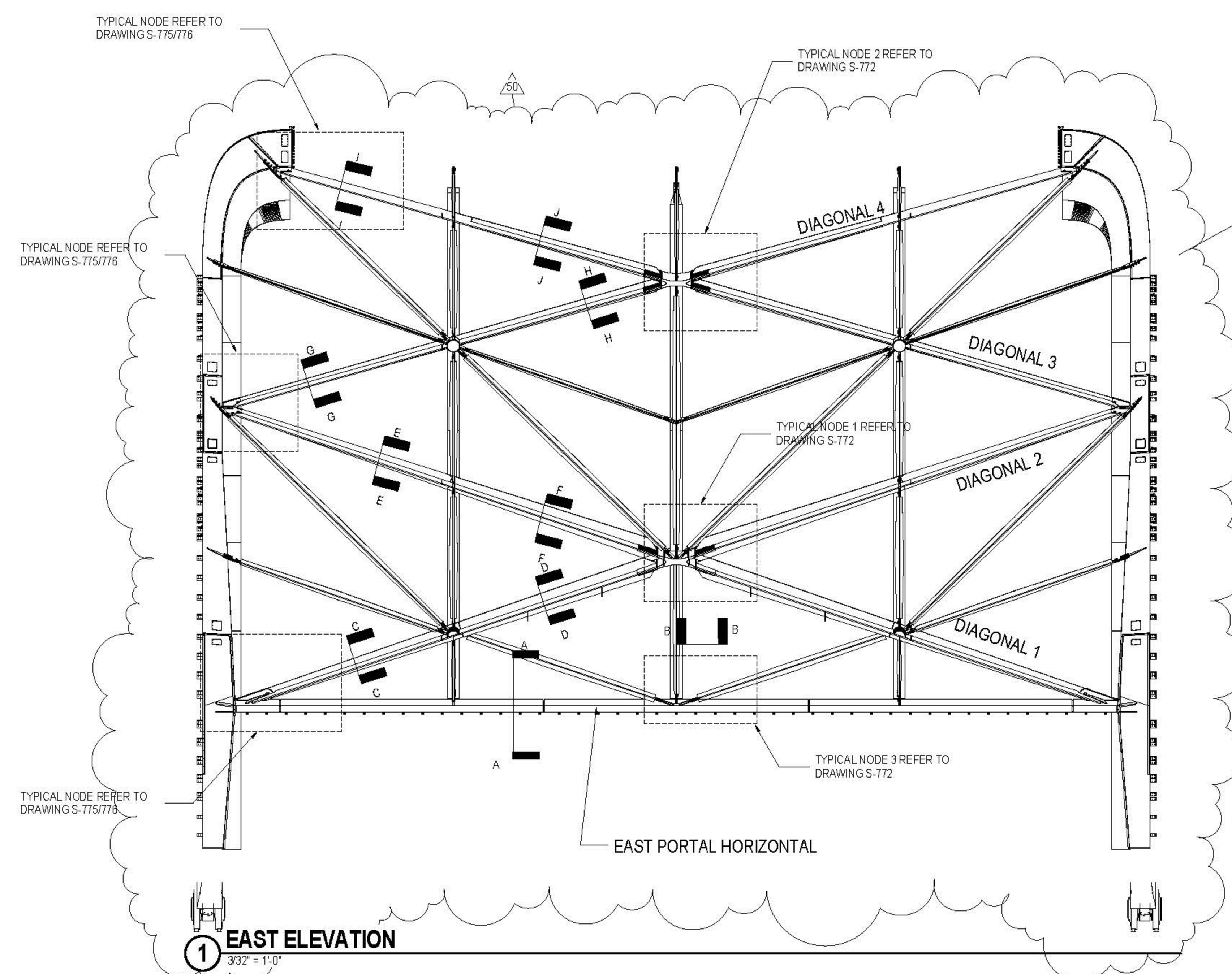
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CHECKED BY Damian Titus
PROJECT NUMBER N11318.00

TITLE
DETAILS DEPLOYED SHED EAST WALL I

DRAWING NO.
8-770.01

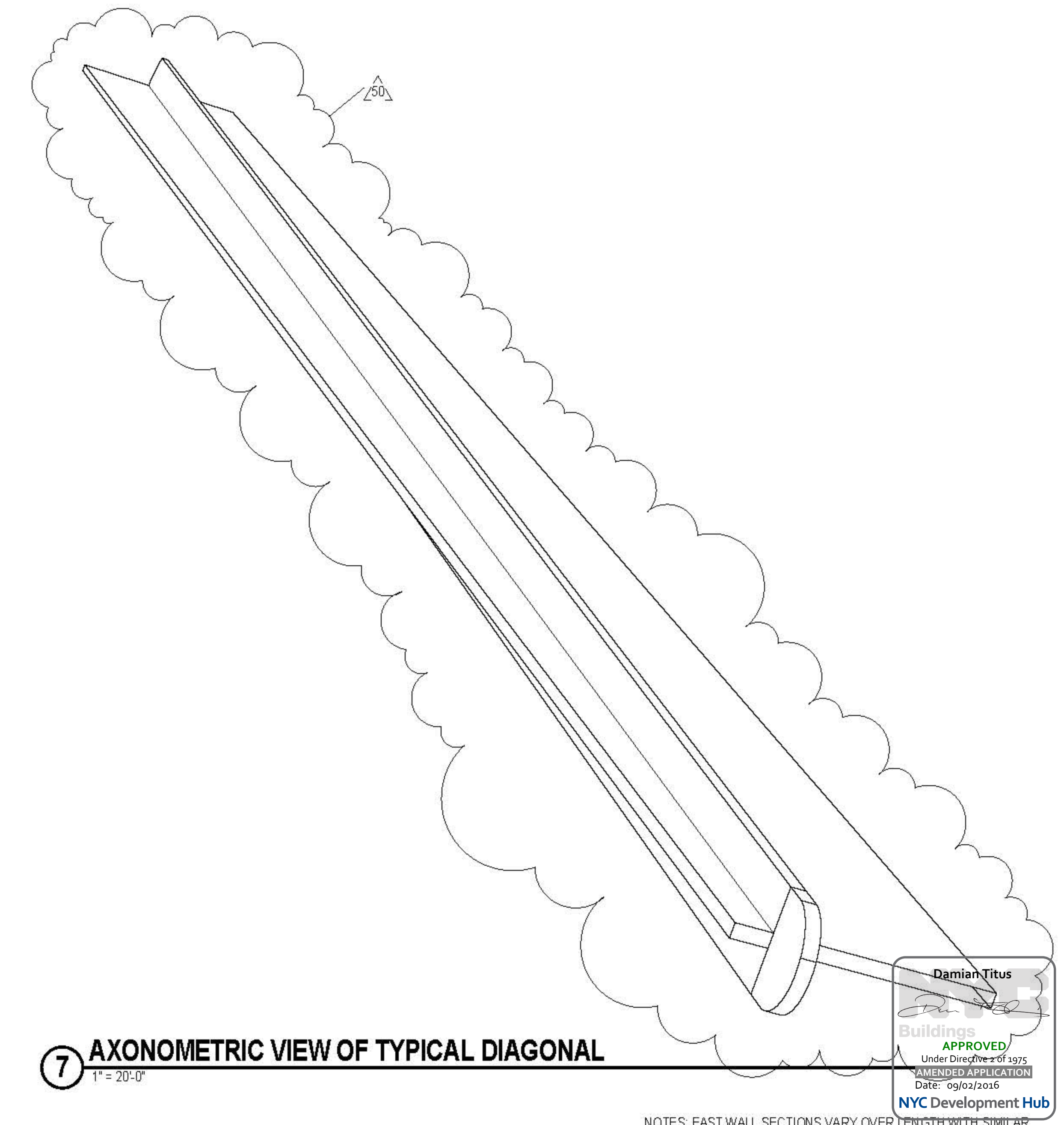
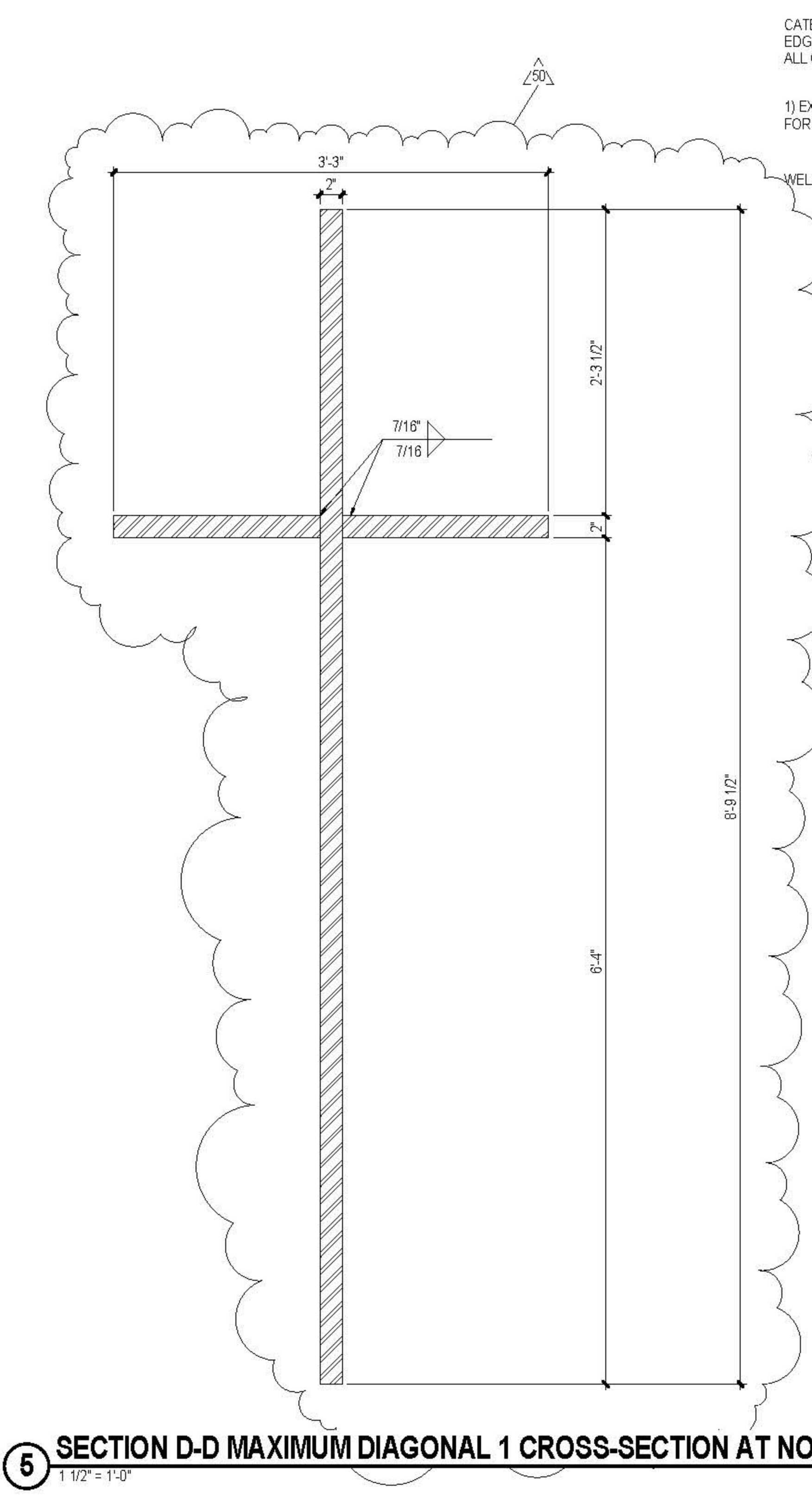
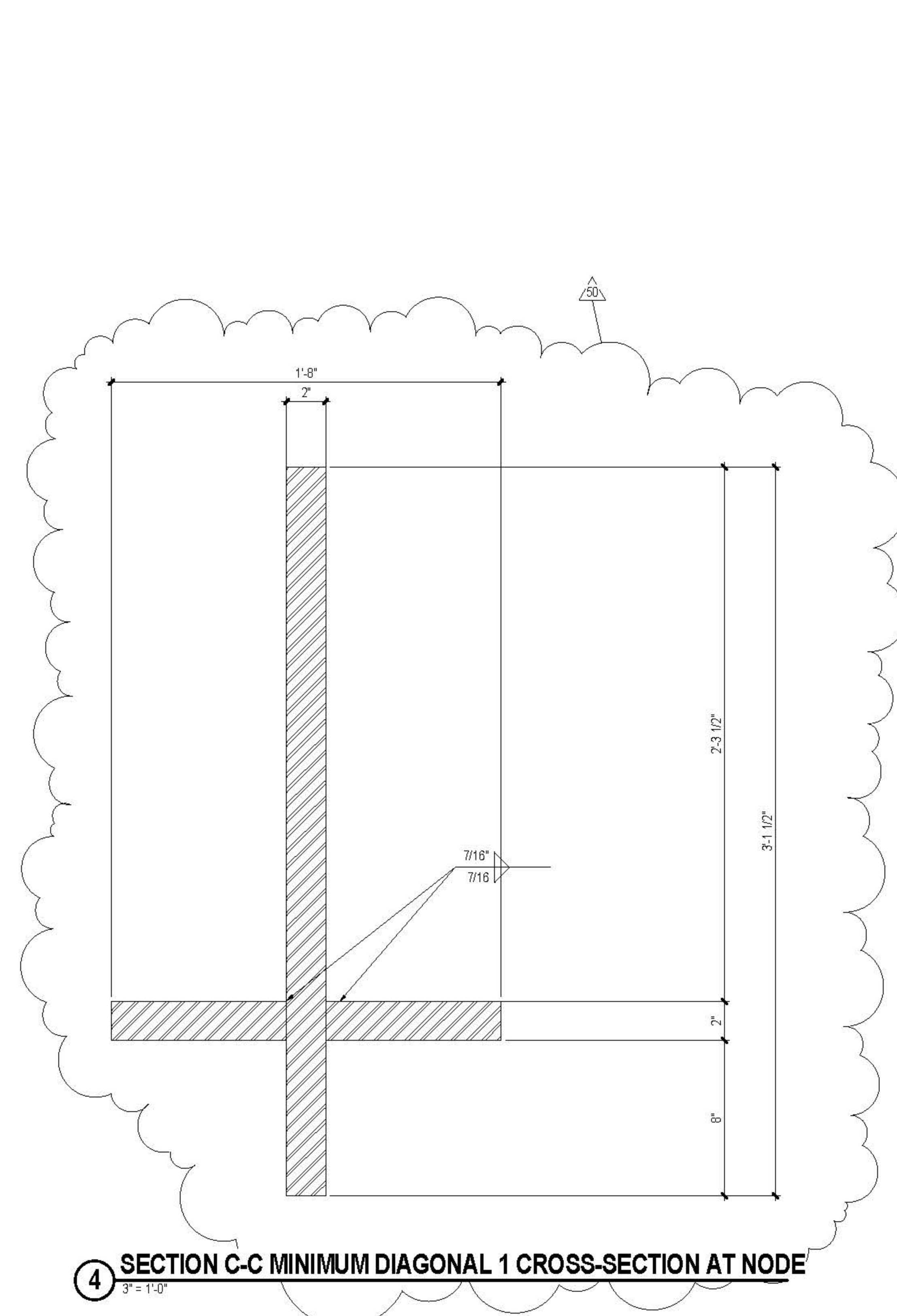
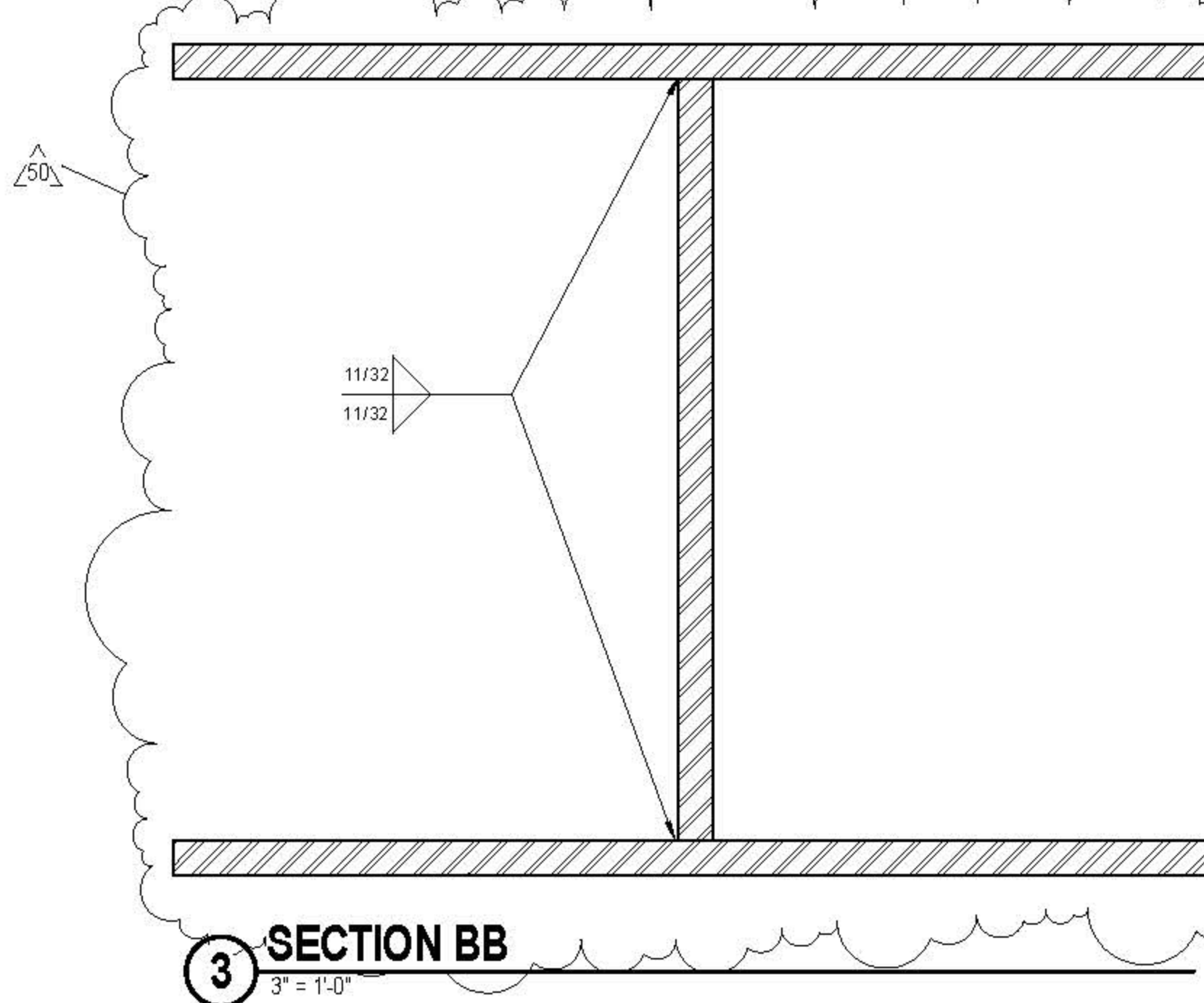
B-SCAN NO.
S-770.01

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ELEMENT	PLATE THICKNESS
EAST PORTAL HORIZONTAL	2 1/4"
DIAGONAL 1	2"
DIAGONAL 2	2"
DIAGONAL 3	2"
DIAGONAL 4	2"

6 EAST WALL PLATE THICKNESSES



4 SECTION C-C MINIMUM DIAGONAL 1 CROSS-SECTION AT NODE
3" = 1'-0"

5 SECTION D-D MAXIMUM DIAGONAL 1 CROSS-SECTION AT NODE
1 1/2" = 1'-0"

7 AXONOMETRIC VIEW OF TYPICAL DIAGONAL
1" = 20'-0"

NOTES: EAST WALL SECTIONS VARY OVER LENGTH WITH SIMILAR COMPLEXITY TO DIAGONALS ON NORTH AND SOUTH WALL. REFER TO S-750.

ALL EAST WALL SECTIONS SIMILAR U.O.N.
ALLOW FOR INTERNAL DIAPHRAGMS AT B/C/C TYPICALLY

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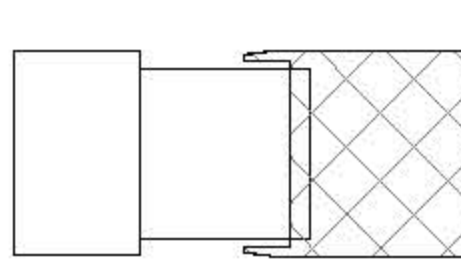
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BRANDING GRAPHICS
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KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
01	01	08/19/2016
02	02	08/23/2016
03	03	08/23/2016
04	04	08/23/2016
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PROJECT NUMBER: **N11318.00**

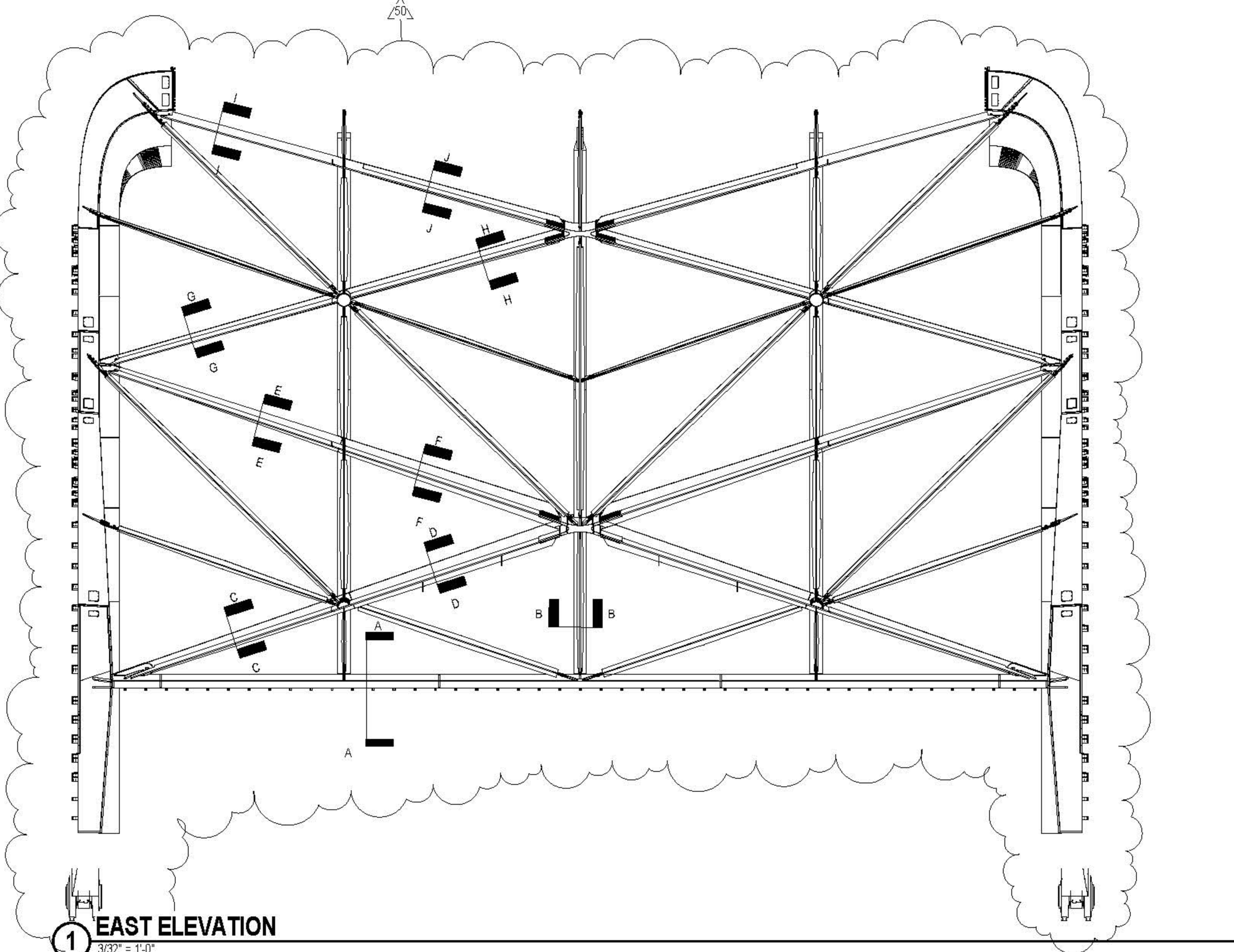
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DRAWING NO.: **8-771.01**

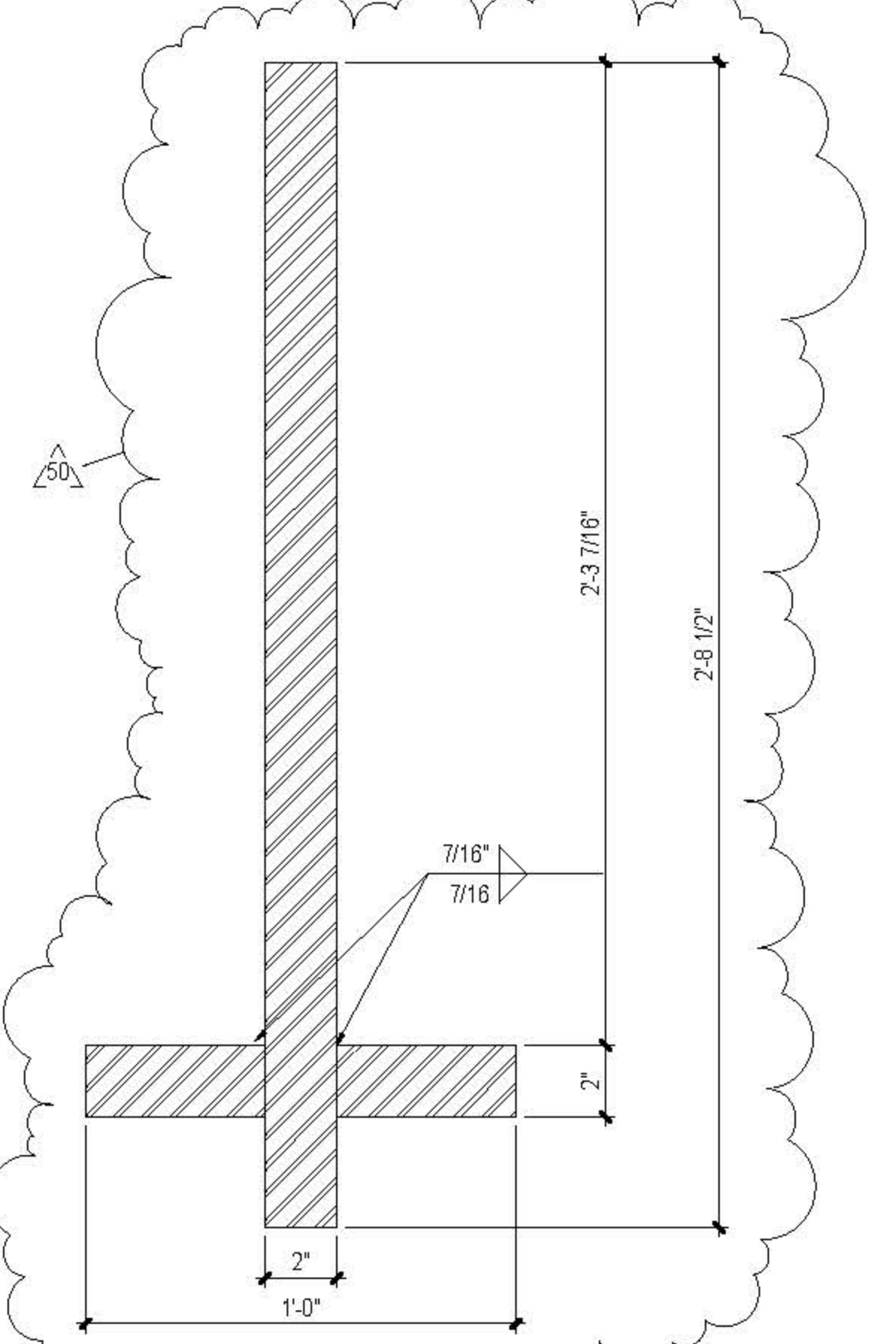
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104 of 123

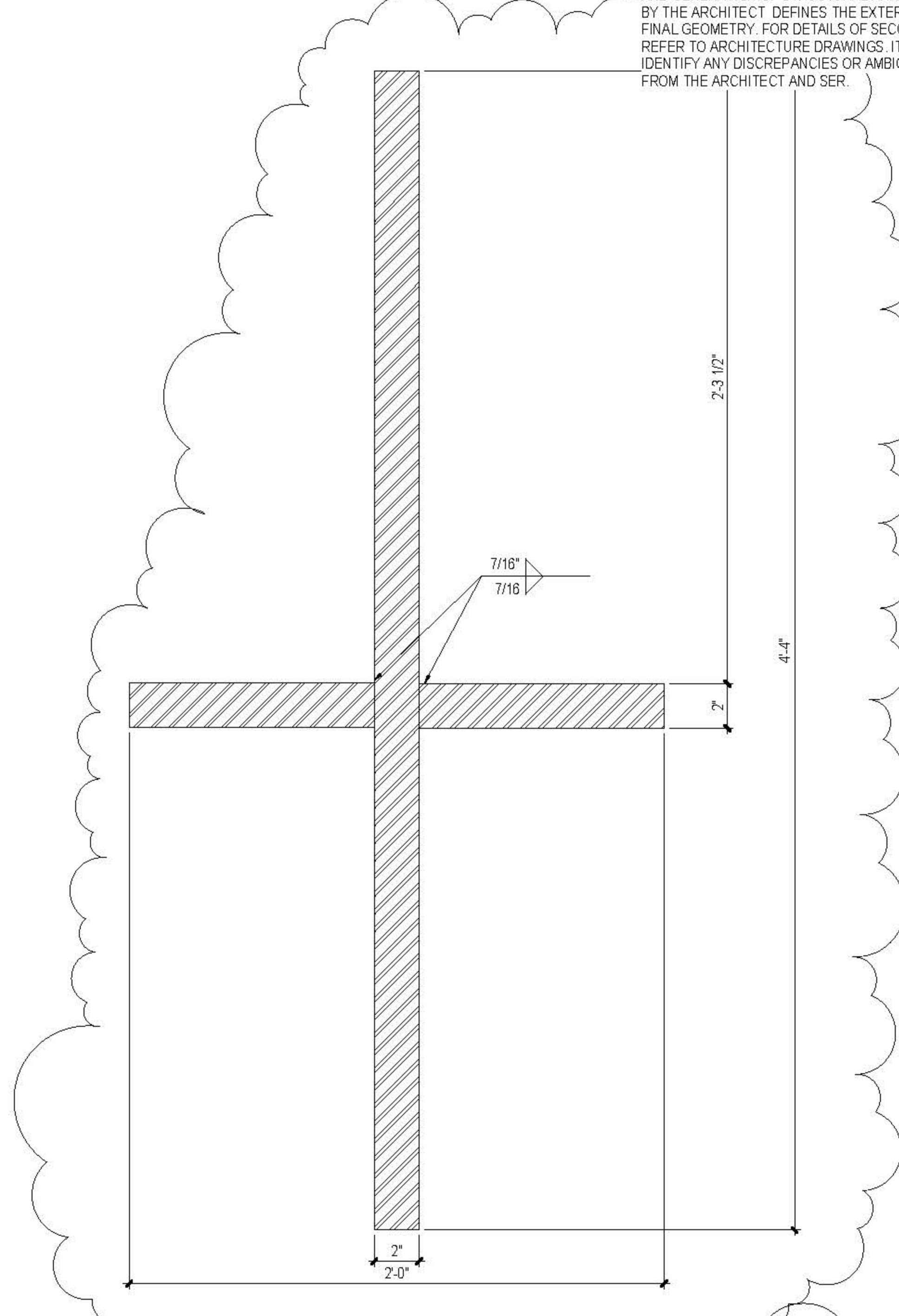
GEOMETRY, DIMENSIONS AND SURFACE CONTOURING, BLENDING AND INTERSECTION OF SECTIONS ILLUSTRATED IN THE STRUCTURAL DRAWINGS ARE PROVIDED FOR REFERENCE AND GENERATION OF STRUCTURAL ARRANGEMENT AND DETAILS ONLY. THE 3D MODEL ISSUED BY THE ARCHITECT DEFINES THE EXTERIOR SURFACE AND SHALL BE ADHERED TO FOR THE FINAL GEOMETRY. FOR DETAILS OF SECONDARY STEEL, INCLUDING STRUCTURAL CLADDING REFER TO ARCHITECTURE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ANY DISCREPANCIES OR AMBIGUITIES FOR DISCUSSION, RESOLUTION AND DIRECTION FROM THE ARCHITECT AND SER.



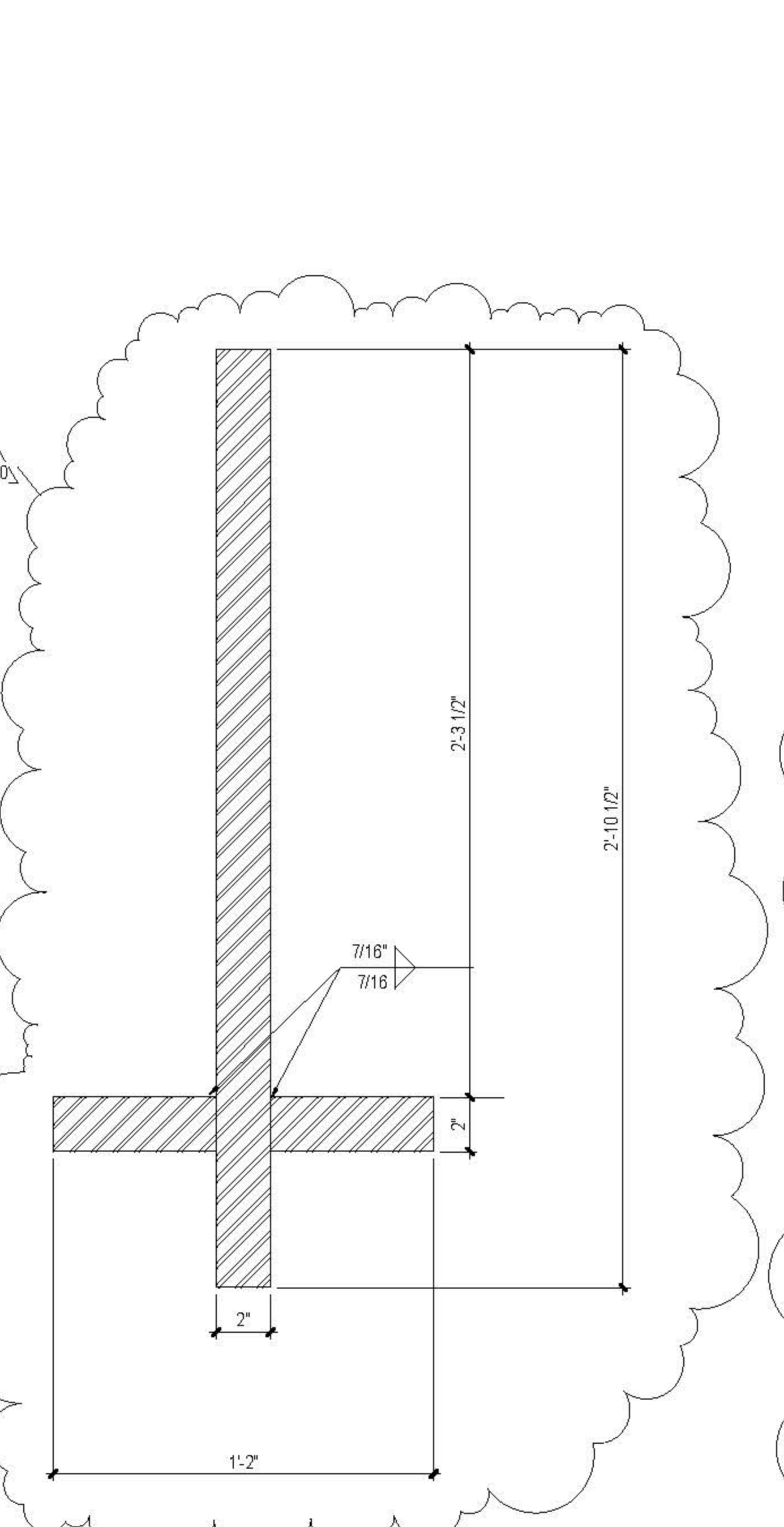
1 EAST ELEVATION
3/32" = 1'-0"



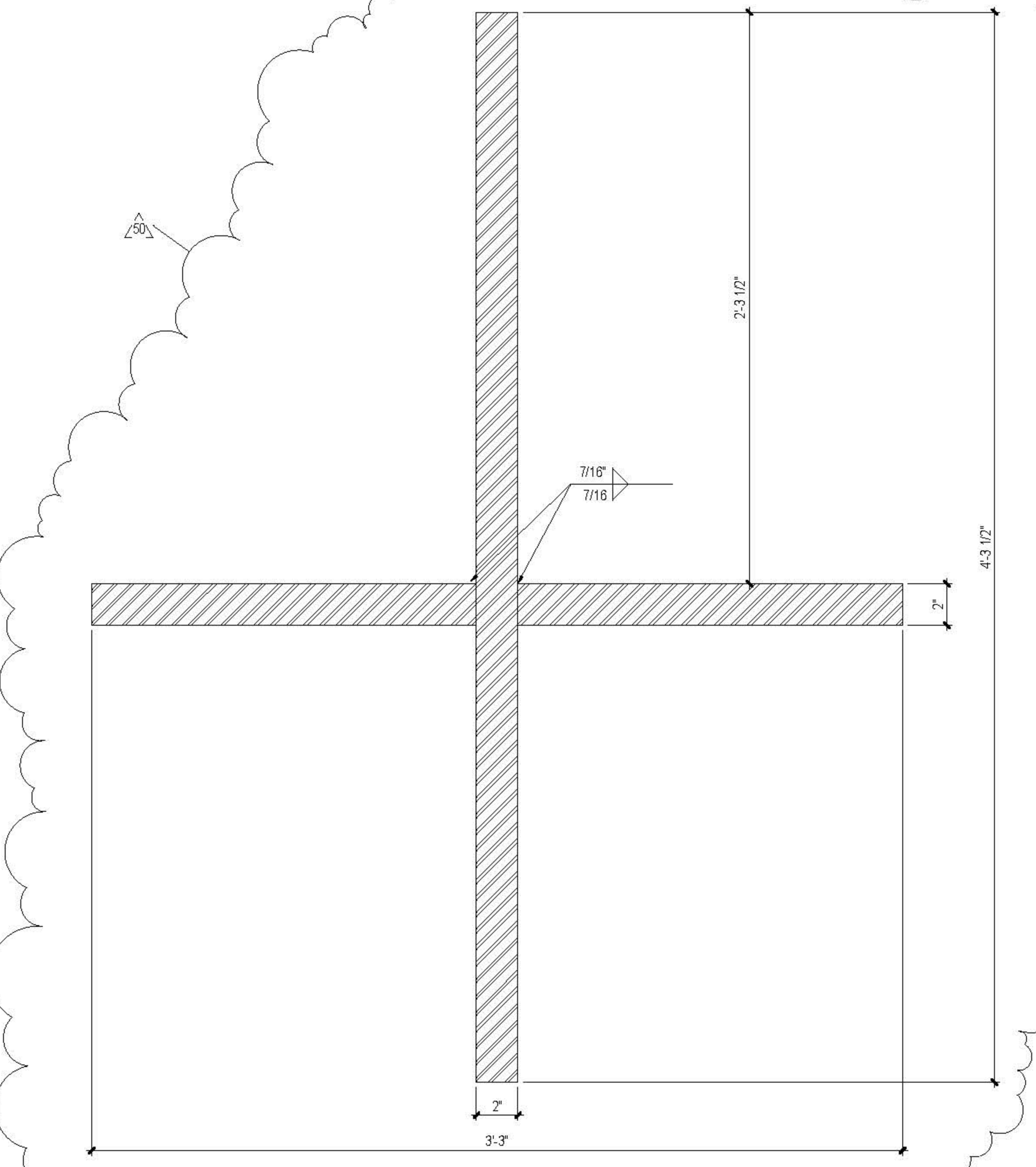
6 SECTION I-I MINIMUM DIAGONAL 4 CROSS-SECTION AT PIN
3" = 1'-0"



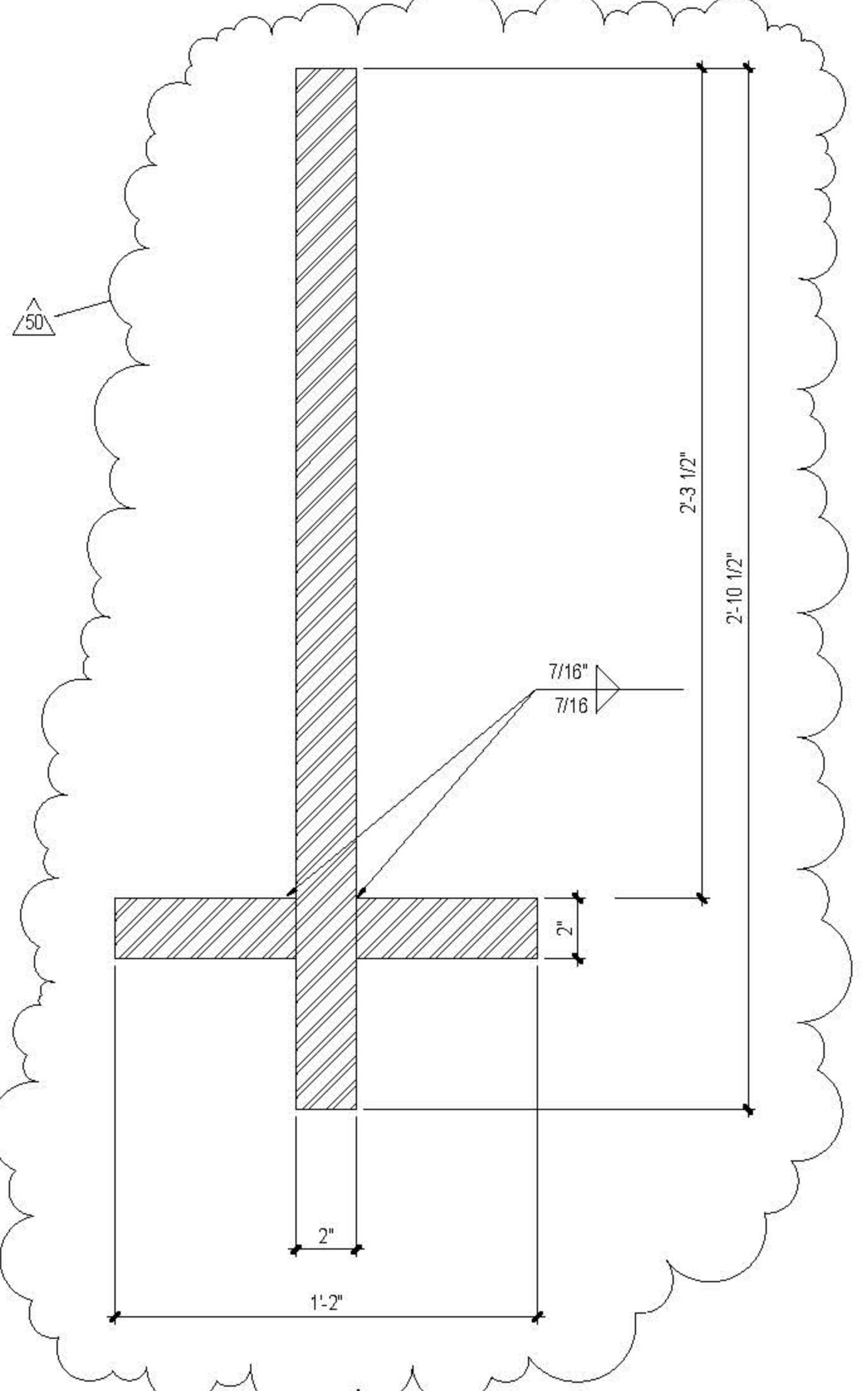
7 SECTION J-J MAXIMUM DIAGONAL 4 CROSS-SECTION AT NODE
3" = 1'-0"



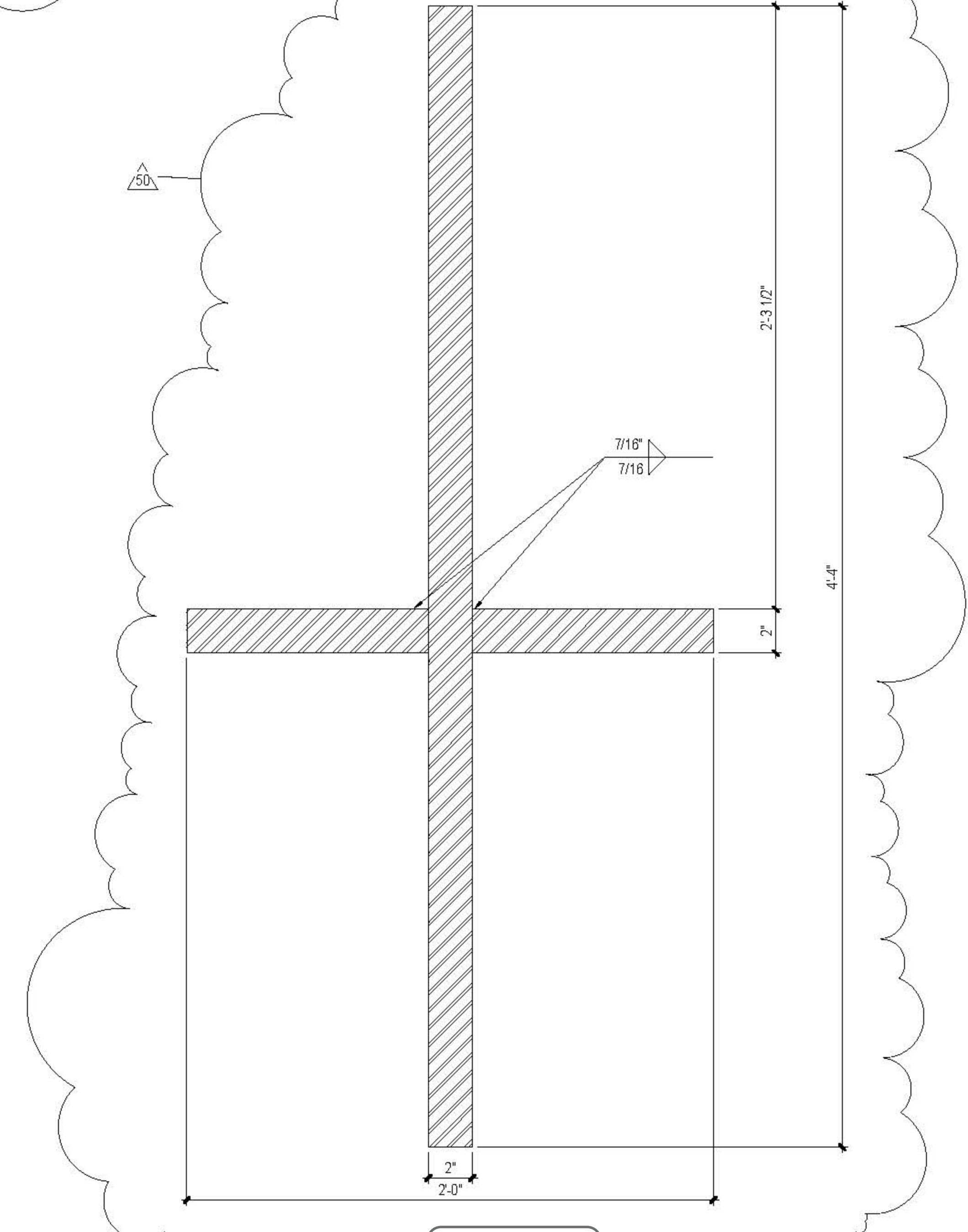
2 SECTION E-E MINIMUM DIAGONAL 2 CROSS-SECTION AT PIN
3" = 1'-0"



3 SECTION F-F MAXIMUM DIAGONAL 2 CROSS-SECTION AT NODE
3" = 1'-0"



4 SECTION G-G MINIMUM DIAGONAL 3 CROSS-SECTION AT PIN
3" = 1'-0"



5 SECTION H-H MAXIMUM DIAGONAL 3 CROSS-SECTION AT NODE
3" = 1'-0"

CATEGORY I CORNERS: ALL CORNERS MARKED CATEGORY I TO HAVE A SHARP CONTINUOUS EDGE WITH STRAIGHTNESS TO WITHIN +/- 1/16". ALL CORNERS MAY HAVE A 0.08" RADIUS.

1) EXPOSED EDGE WITH CONTINUOUS AND CONSISTENT FINISH REQUIRED, EVEN ACROSS SPLICES FOR NODE WELD DETAILS SEE DRAWING S-755

NOTES: EAST WALL SECTIONS VARY OVER LENGTH WITH SIMILAR COMPLEXITY TO DIAGONALS ON NORTH AND SOUTH WALL. REFER TO S-750.

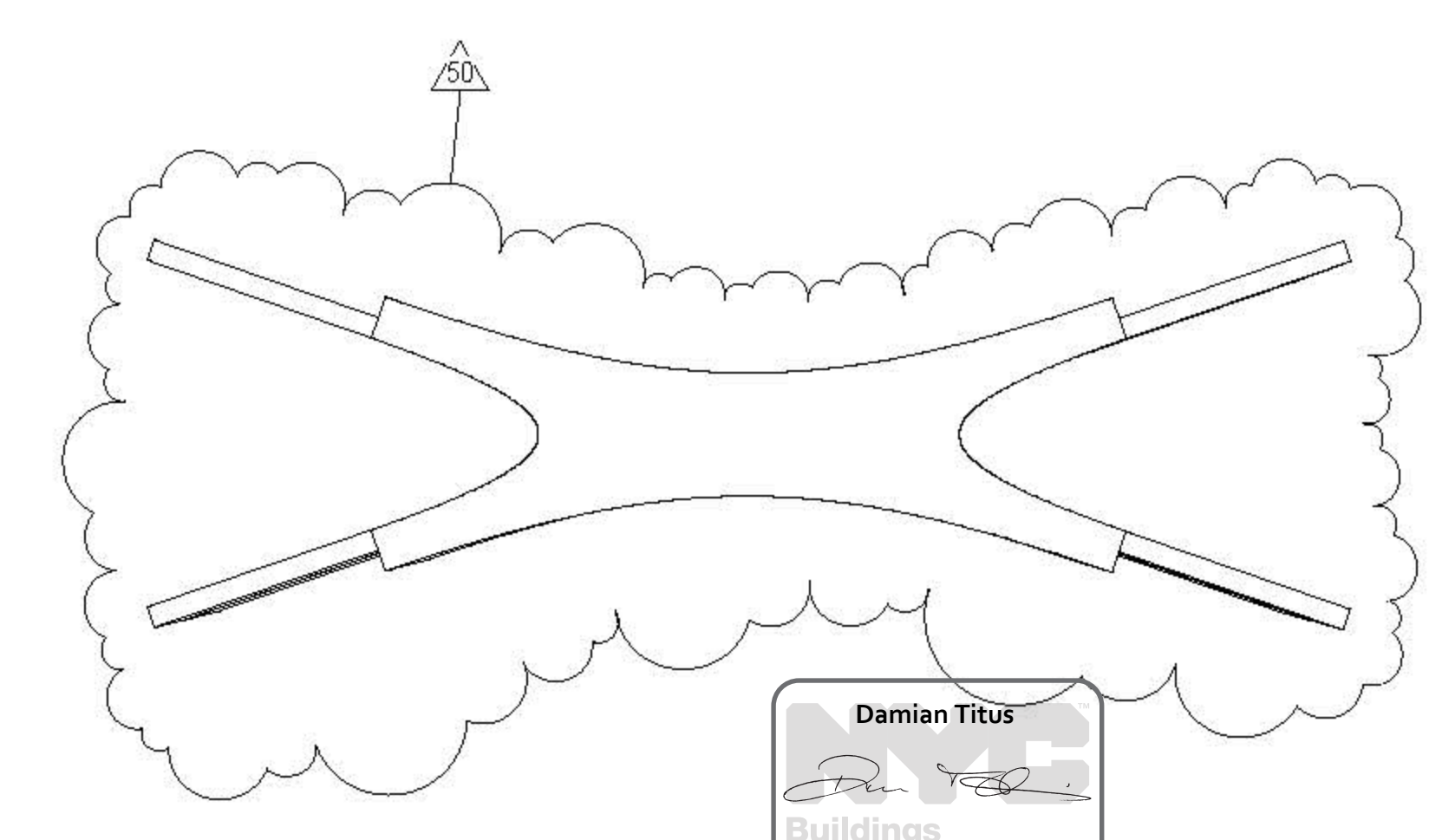
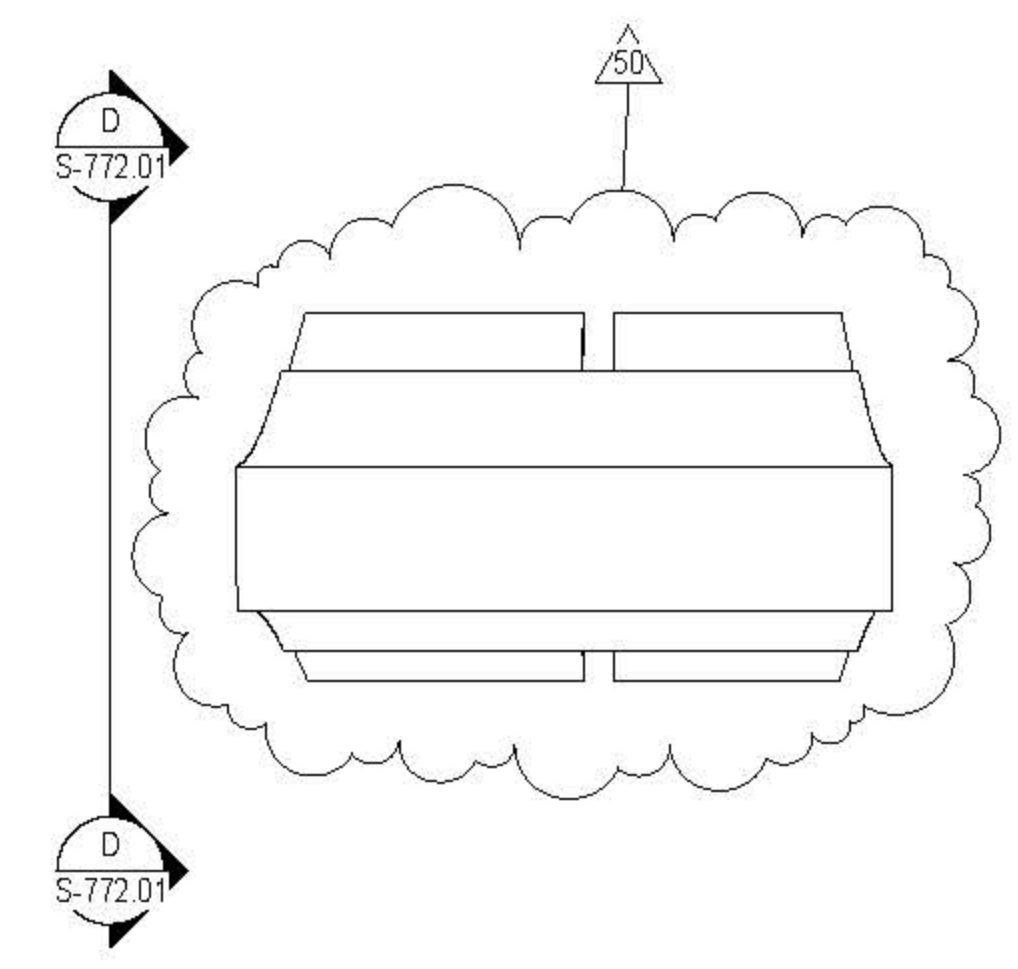
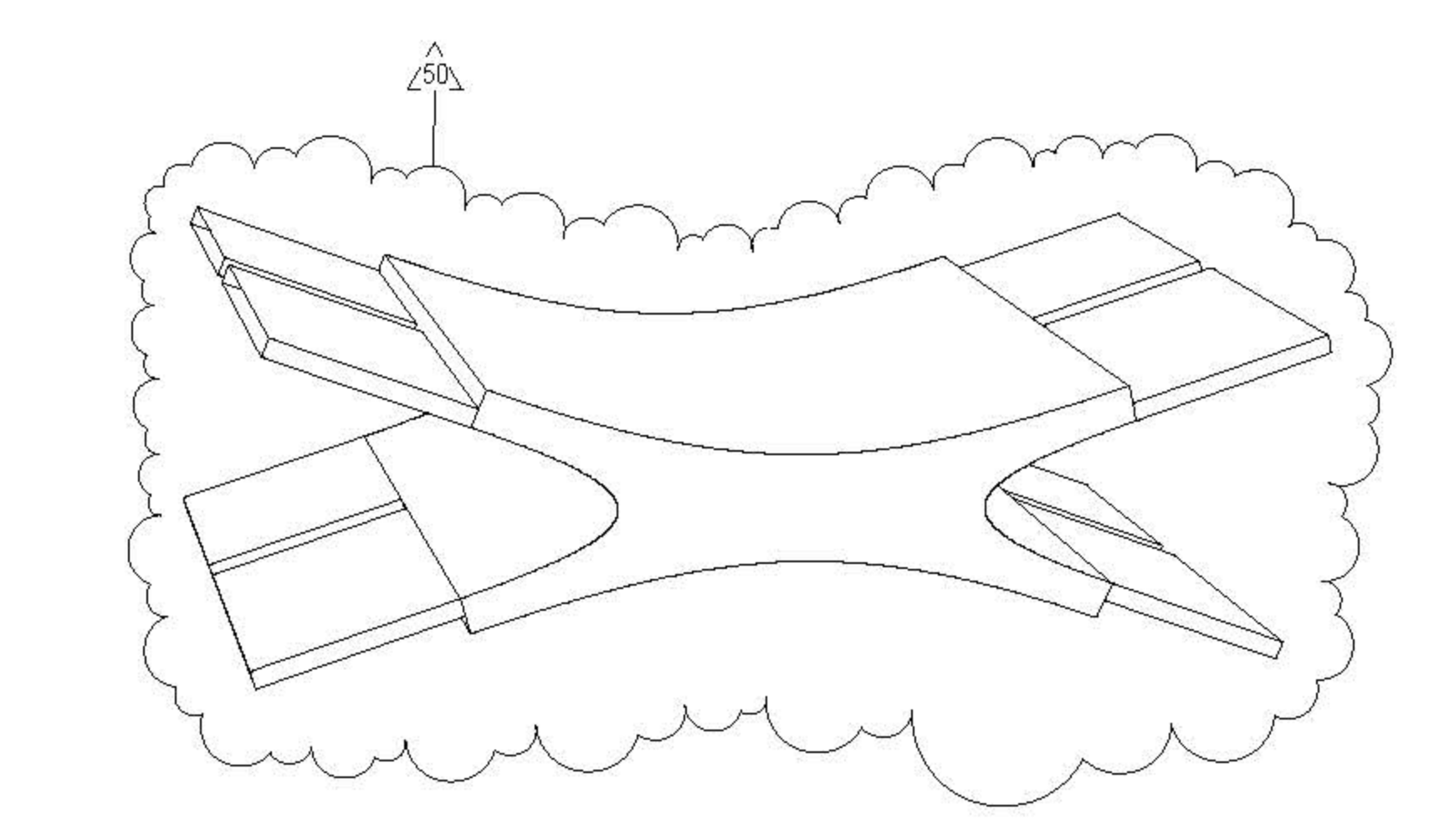
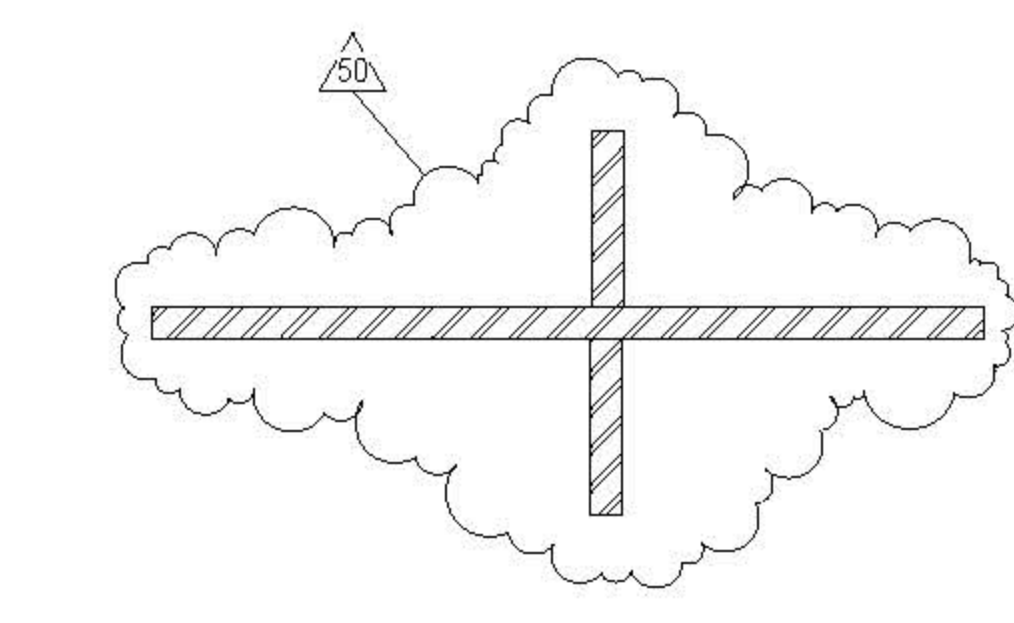
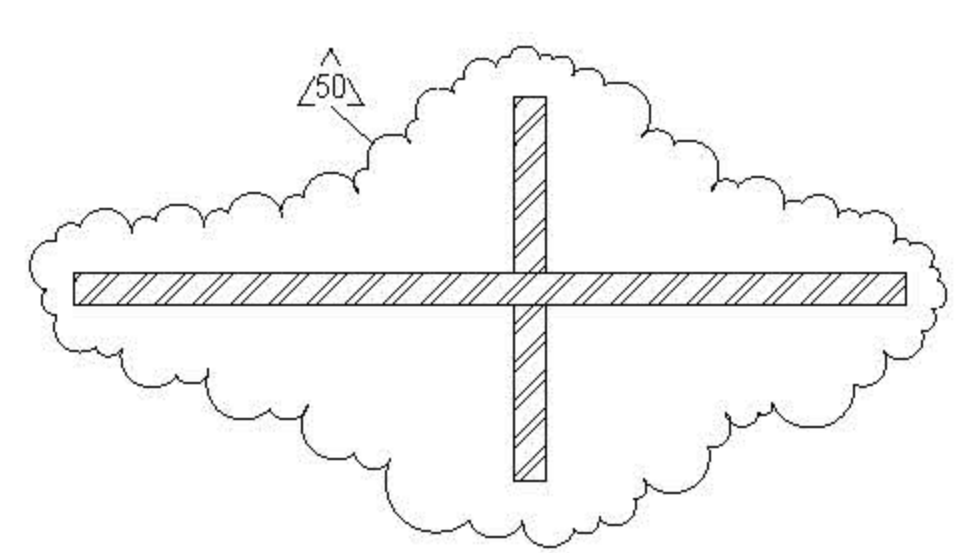
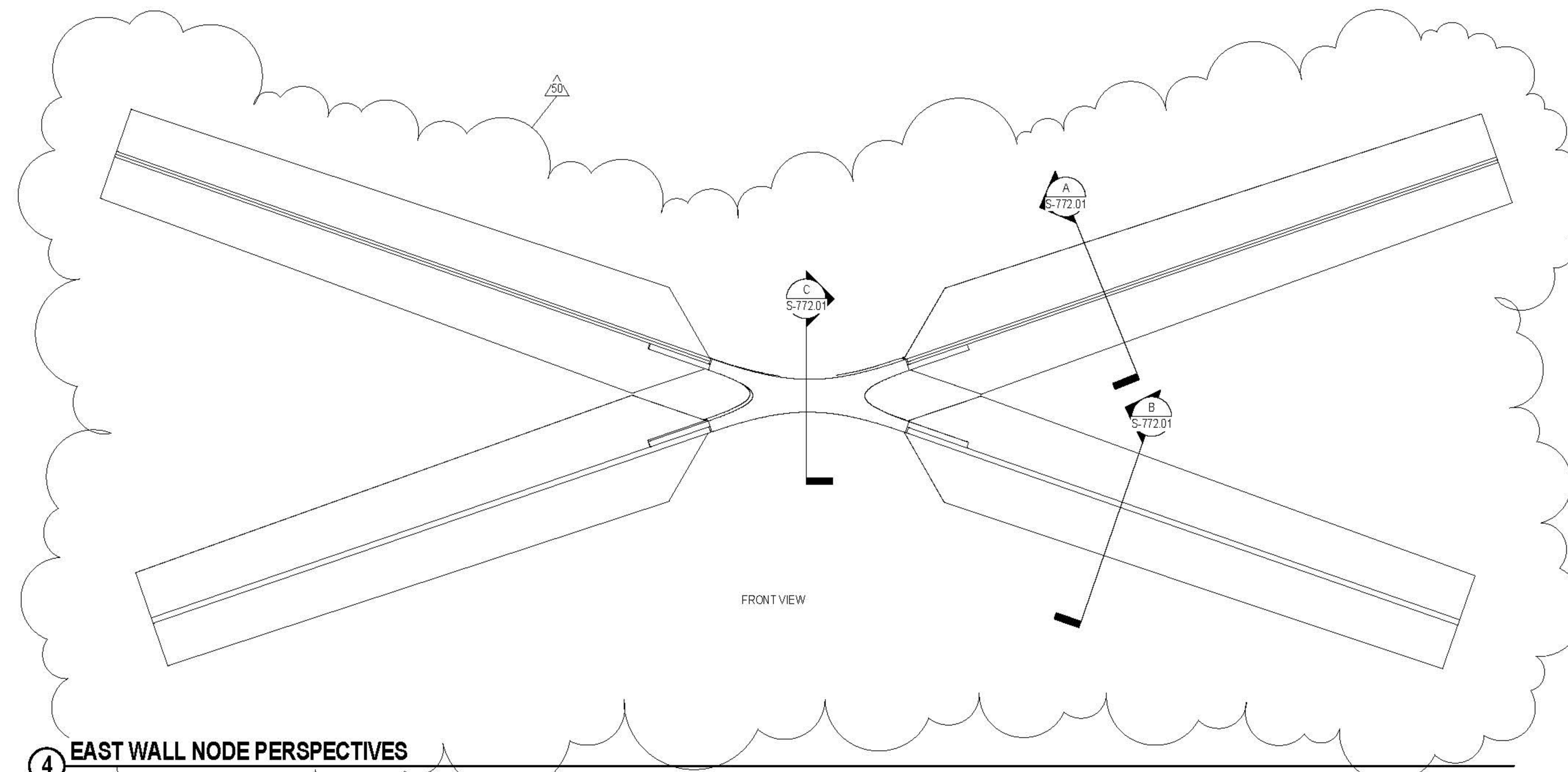
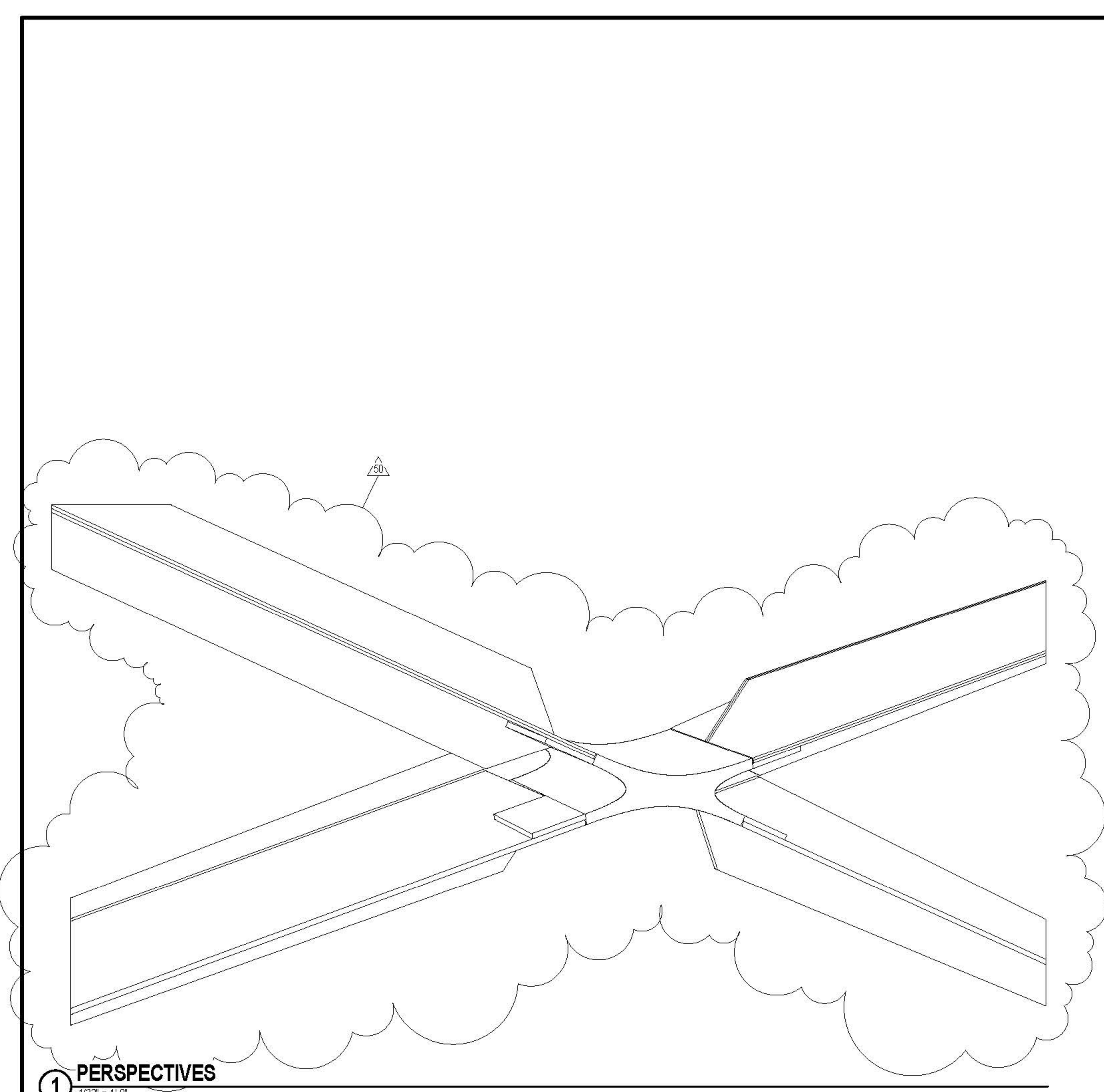
ALL EAST WALL SECTIONS SIMILAR U.O.N. ALLOW FOR INTERNAL DIAPHRAGMS AT 8" C/C TYPICALLY REFER TO S-770 FOR PLATE THICKNESSES



PENDING COORDINATION DURING DESIGN ASSIST.

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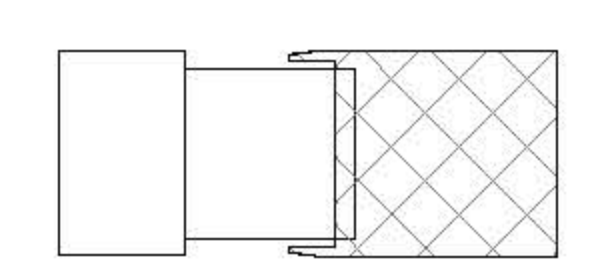
THE GEOMETRY CREATED BY THE INTERSECTING ELEMENTS SHALL BE IN ACCORDANCE WITH THE 3D MODEL. THE LEVEL OF QUALITY IS TO BE SIMILAR TO THE COMMISSIONED MOCK-UP FOR THE TYPICAL NODE. THE GENERAL CONCEPT IS THAT EDGES FLOW SMOOTHLY AND CONTINUOUSLY BETWEEN THE EDGE OF THE ELEMENT TO THE CORRESPONDING EDGE OF THE ADJACENT ELEMENT AND THE INTERLYING SURFACES BETWEEN THESE EDGES ARE BLENDED AND CONTOURED TO DEFINE A SMOOTH, UNINTERRUPTED TRANSITION.



NOTE 1: INSPECT PLATE FOR PRE-EXISTING LAMINATIONS PER ASTM A578 (UT)
NOTE 2: USE LOW HYDROGEN ELECTRODE. WELD THICKER PLATES FIRST TO REDUCE RESTRAINT AND USE PEENING

Damian Titus
Building APPROVED
Under Directive 1 of 1995
NYC Development Hub

KEY PLAN



ISSUE	PRINTING	DATE	
63	60	DOB AMENDMENT 7	03.19.2016
44	30	DOB AMENDMENT 6	04.02.2016
21		CONSTRUCTION SET	10.08.2015
10	4	100% CONSTRUCTION DOCUMENTS	03.18.2015
9		90% CONSTRUCTION DOCUMENTS	02.16.2015
6		PRELIMINARY CDR SUBMISSION	12.10.2014
1		ADVANCED PROCUREMENT BID SET	06.16.2014

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DRAWN BY
Autum

CHECKED BY
Chris

PROJECT NUMBER
N1318.00

TITLE
DETAILS, DEPLOYED SHED EAST WALL

DRAWING NO.
S-772.01

B-SCAN NO.
S-772.01

GEOMETRY, DIMENSIONS AND SURFACE CONTOURING, BLENDING AND INTERSECTION OF SECTIONS ILLUSTRATED IN THE STRUCTURAL DRAWINGS ARE PROVIDED FOR REFERENCE AND GENERATION OF STRUCTURAL ARRANGEMENT AND DETAILS ONLY. THE 3D MODEL ISSUED BY THE ARCHITECT DEFINES THE EXTERIOR SURFACE AND SHALL BE ADHERED TO FOR THE FINAL GEOMETRY. FOR DETAILS OF SECONDARY STEEL, INCLUDING STRUCTURAL CLADDING REFER TO ARCHITECTURE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ANY DISCREPANCIES OR AMBIGUITIES FOR DISCUSSION, RESOLUTION AND DIRECTION FROM THE ARCHITECT AND SER.

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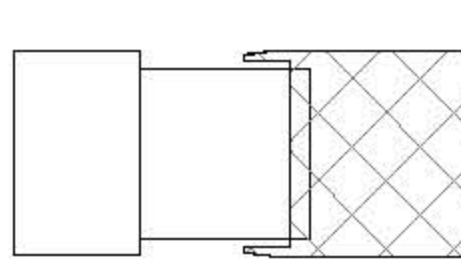
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05	90% CONSTRUCTION DOCUMENTS	02.16.2016
06	PRELIMINARY DOB SUBMISSION	12.16.2014
07	ADVANCED PROCUREMENT BID SET	06.16.2014

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Autumn

CHECKED BY
Chris M

PROJECT NUMBER
N11318.00

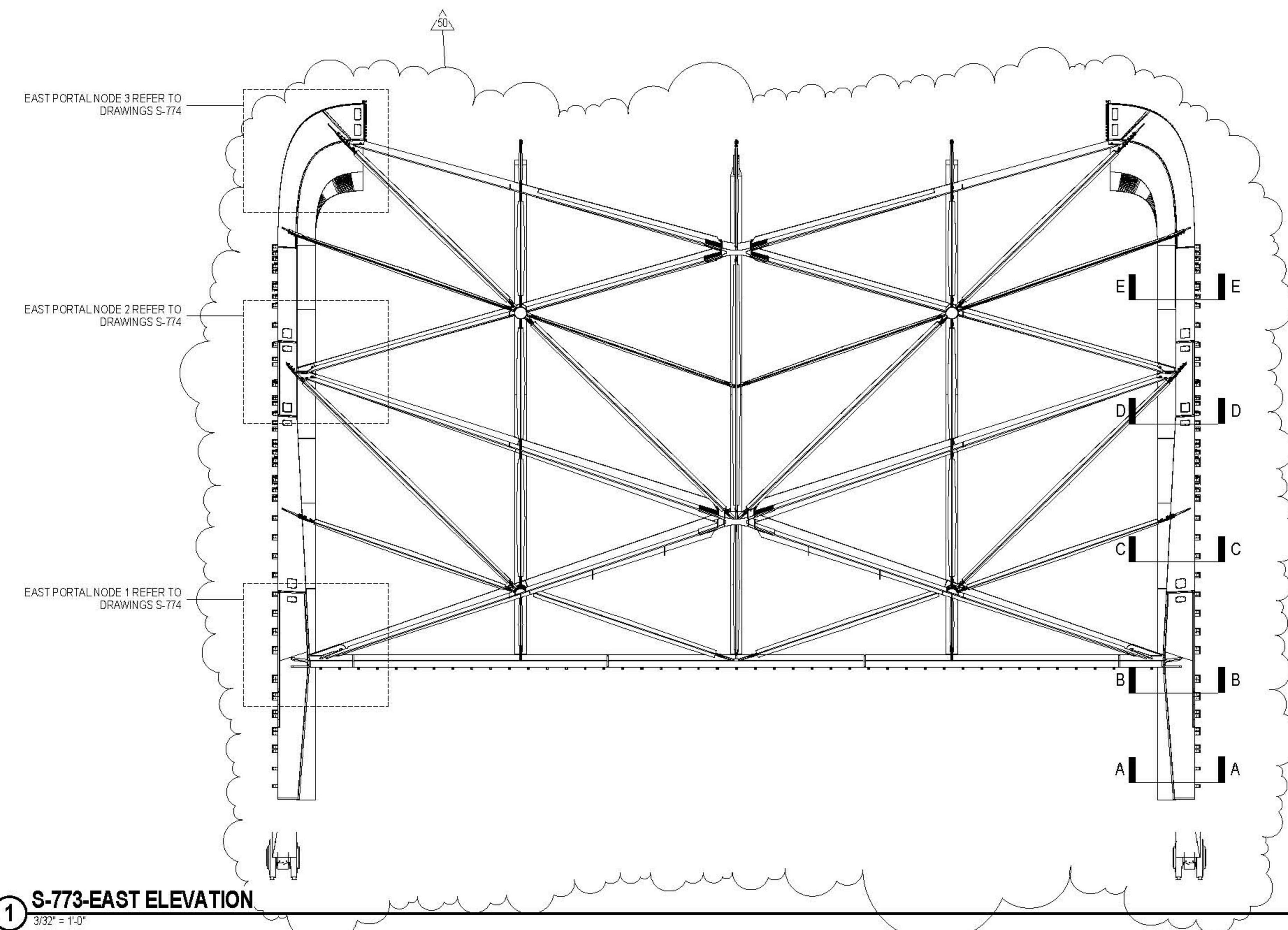
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DETAILS, DEPLOYED SHED EAST PORTAL TYPICAL SECTIONS

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S-773.01

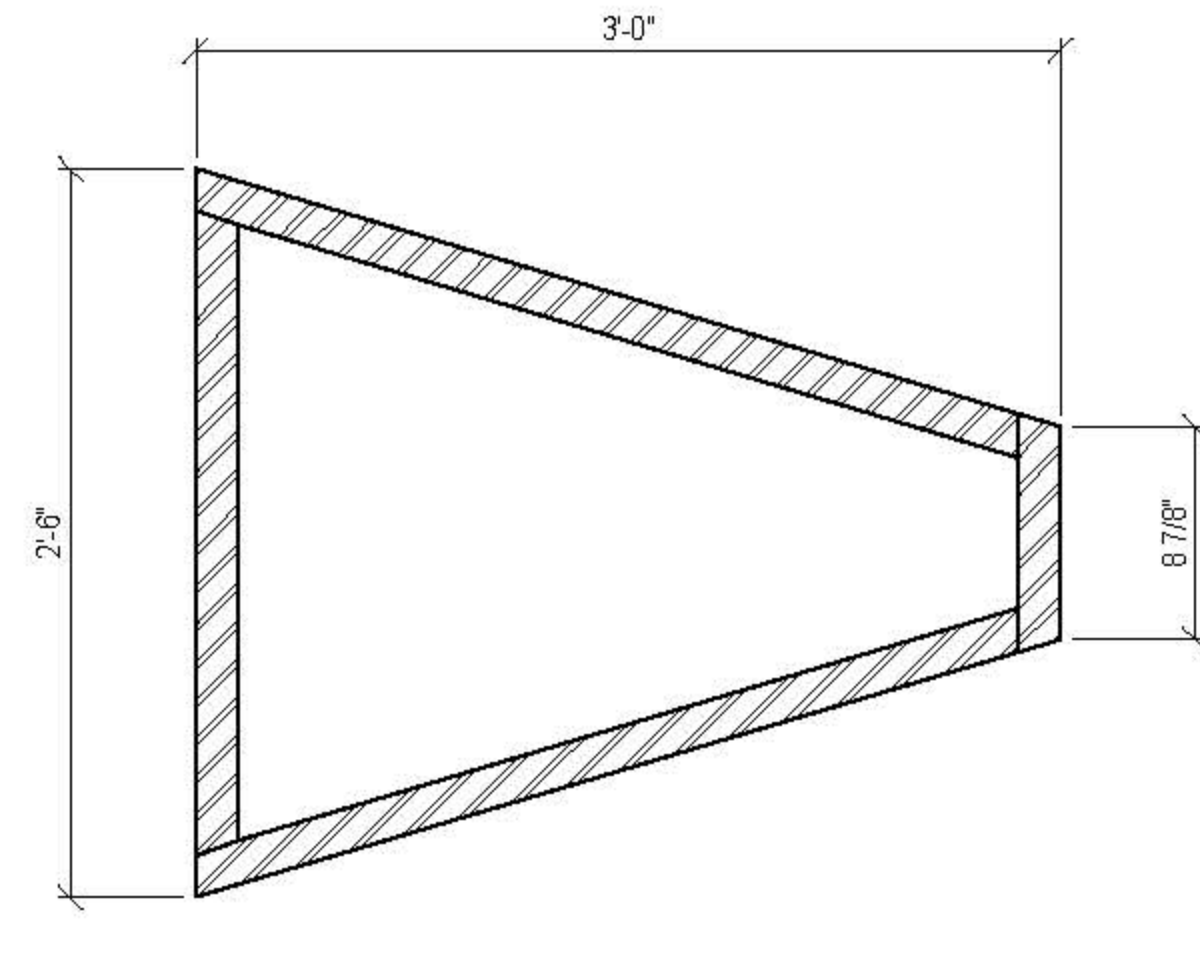
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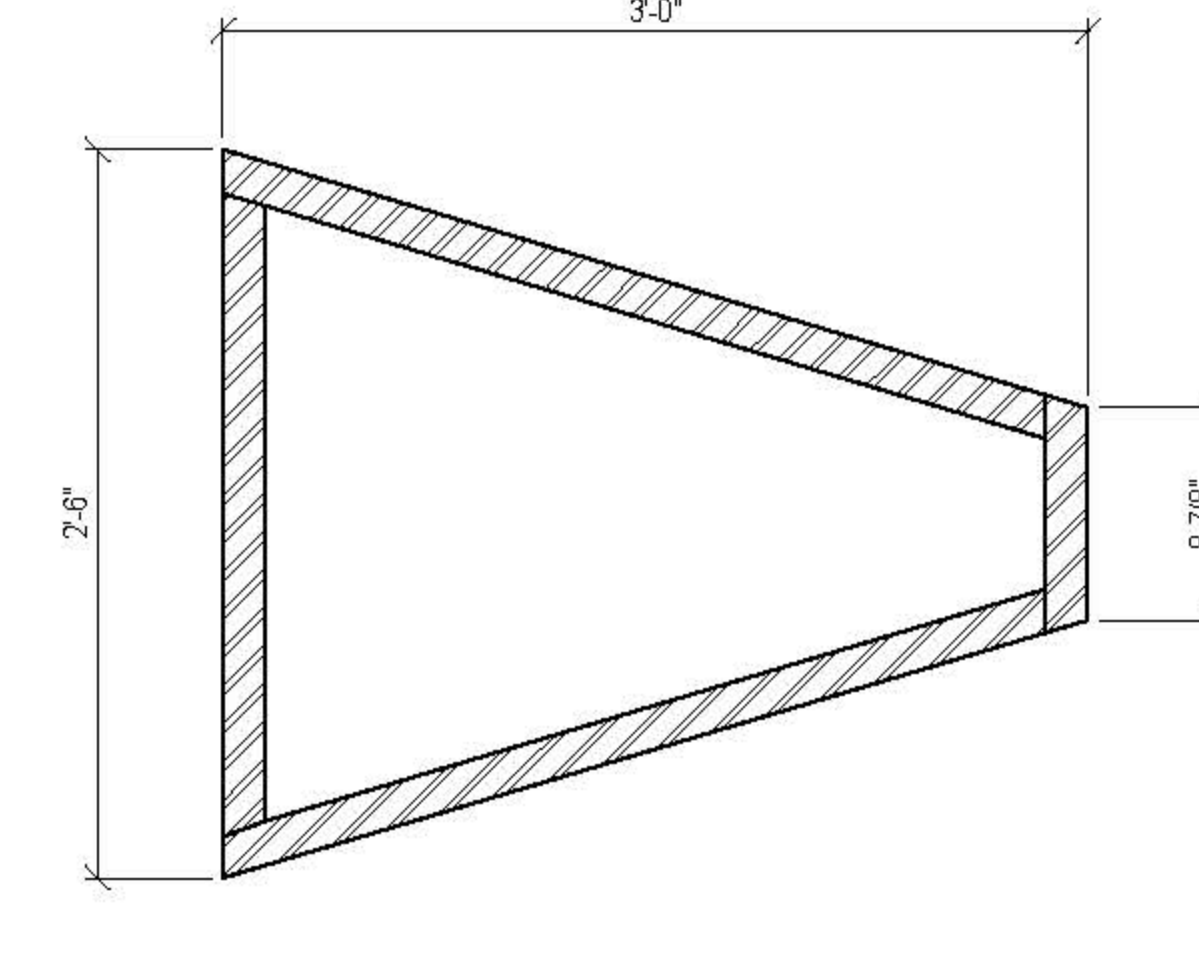
106 of 123



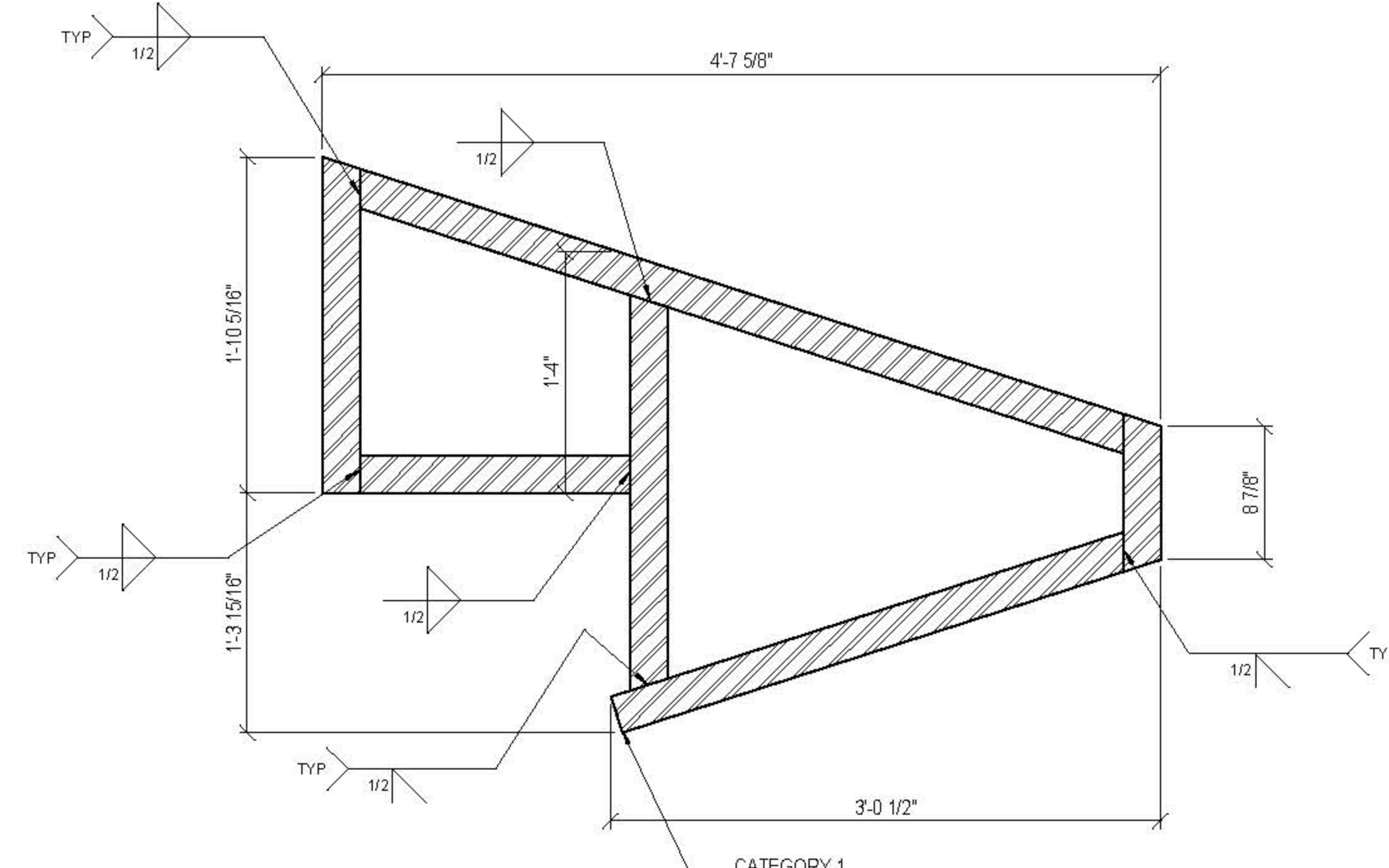
1 S-773-EAST ELEVATION
3/32" = 1'-0"



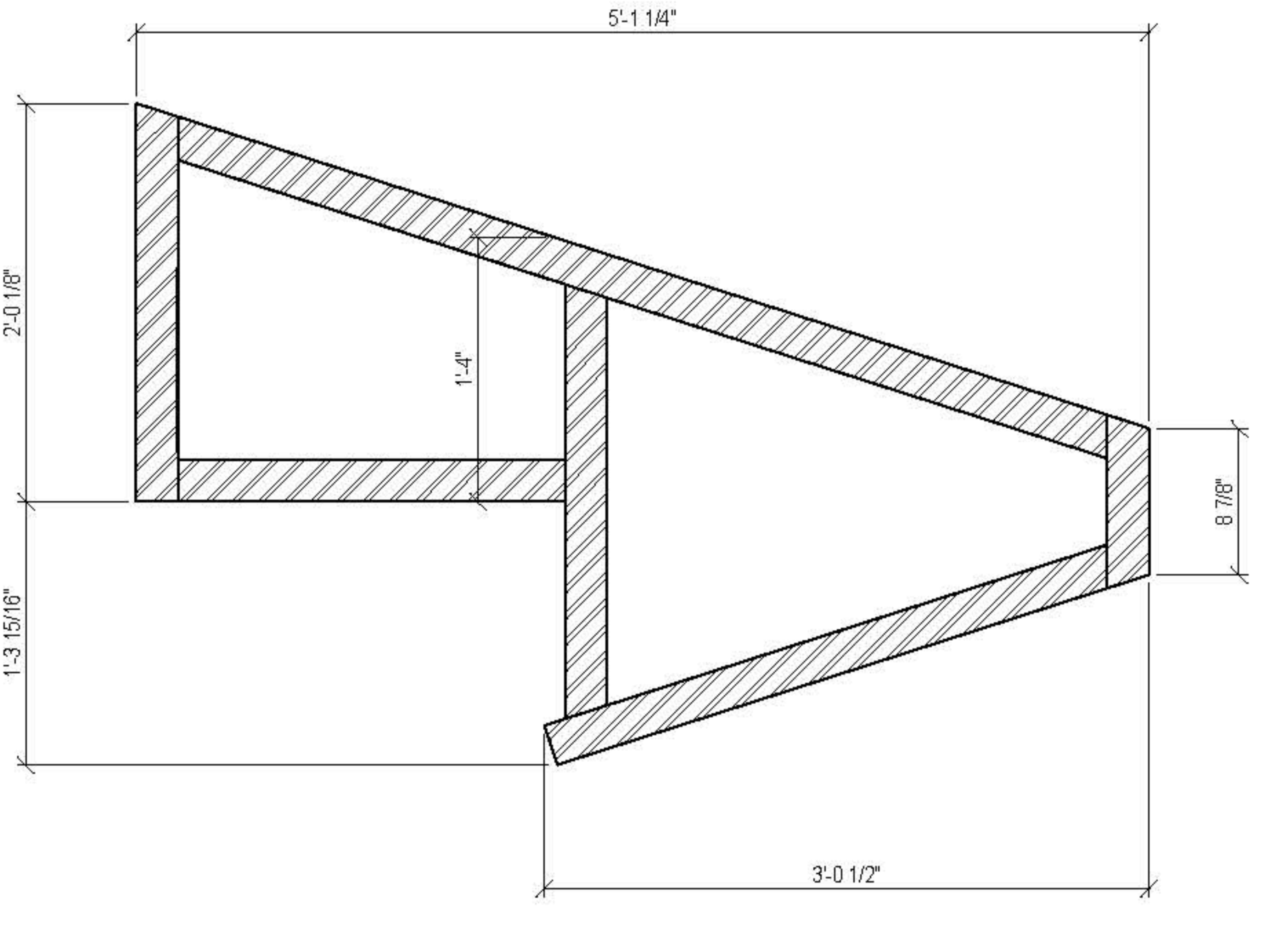
3 SECTION DD
1 1/2" = 1'-0"



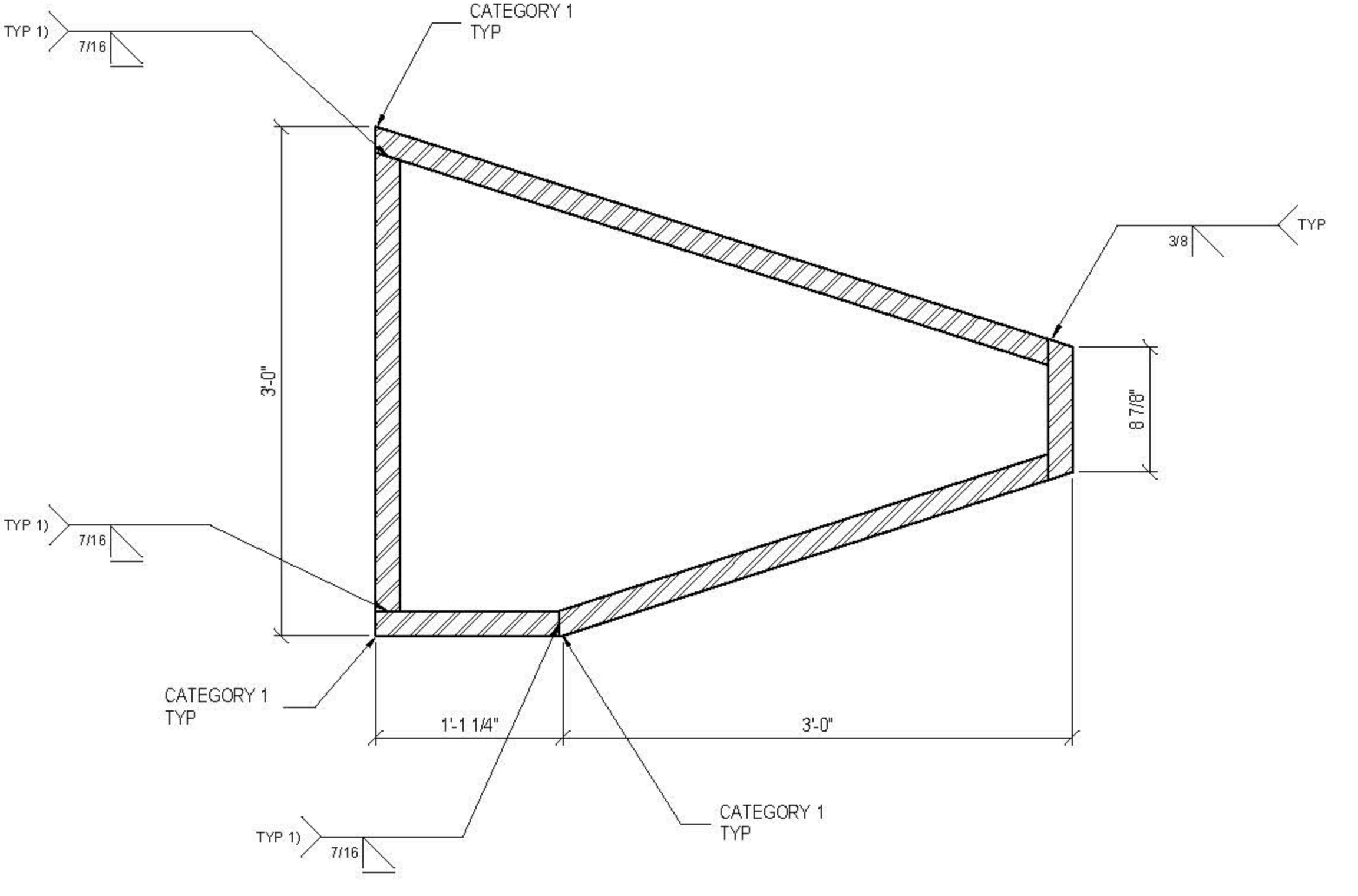
4 SECTION EE
1 1/2" = 1'-0"



6 SECTION A-A
1 1/2" = 1'-0"



7 SECTION B-B
1 1/2" = 1'-0"



2 SECTION C-C
1 1/2" = 1'-0"

ALL PORTAL WALL SECTIONS SIMILAR U.O.N.

CATEGORY 1 CORNERS: ALL CORNERS MARKED CATEGORY 1 TO HAVE A SHARP CONTINUOUS EDGE WITH STRAIGHTNESS TO WITHIN +/- .1/16"
ALL CORNERS MAY HAVE A 0.08" RADIUS

1) EXPOSED EDGE WITH CONTINUOUS AND CONSISTENT FINISH REQUIRED, EVEN ACROSS SPICES FOR NODE WELD DETAILS SEE DRAWING S-755

REFER TO S-751 FOR PLATE THICKNESSES



PENDING COORDINATION DURING DESIGN ASSIST.

GEOMETRY, DIMENSIONS AND SURFACE CONTOURING, BLENDING AND INTERSECTION OF SECTIONS ILLUSTRATED IN THE STRUCTURAL DRAWINGS ARE PROVIDED FOR REFERENCE AND GENERATION OF STRUCTURAL ARRANGEMENT AND DETAILS ONLY. THE 3D MODEL ISSUED BY THE ARCHITECT DEFINES THE EXTERIOR SURFACE AND SHALL BE ADHERED TO FOR THE FINAL GEOMETRY. FOR DETAILS OF SECONDARY STEEL, INCLUDING STRUCTURAL CLADDING REFER TO ARCHITECTURE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ANY DISCREPANCIES OR AMBIGUITIES FOR DISCUSSION, RESOLUTION AND DIRECTION FROM THE ARCHITECT AND SER.

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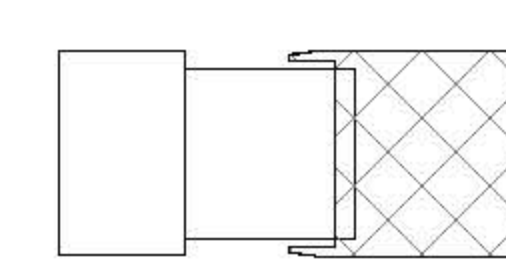
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KEY PLAN



ISSUE

NO.	DESCRIPTION	DATE
63	60 DOB AMENDMENT 7	03.19.2016
44	30 DOB AMENDMENT 6	04.02.2016
21	CONSTRUCTION SET	10.09.2015
10	4 100% CONSTRUCTION DOCUMENTS	03.18.2015
9	90% CONSTRUCTION DOCUMENTS	02.16.2015
6	PRELIMINARY CDR SUBMISSION	12.16.2014
1	ADVANCED PROCUREMENT BID SET	06.16.2014

STAMP



DRAWN BY
Autum

CHEKED BY
Chris

PROJECT NUMBER
N1318.00

TITLE
DETAILS, DEPLOYED SHED - MECHANICAL DECK

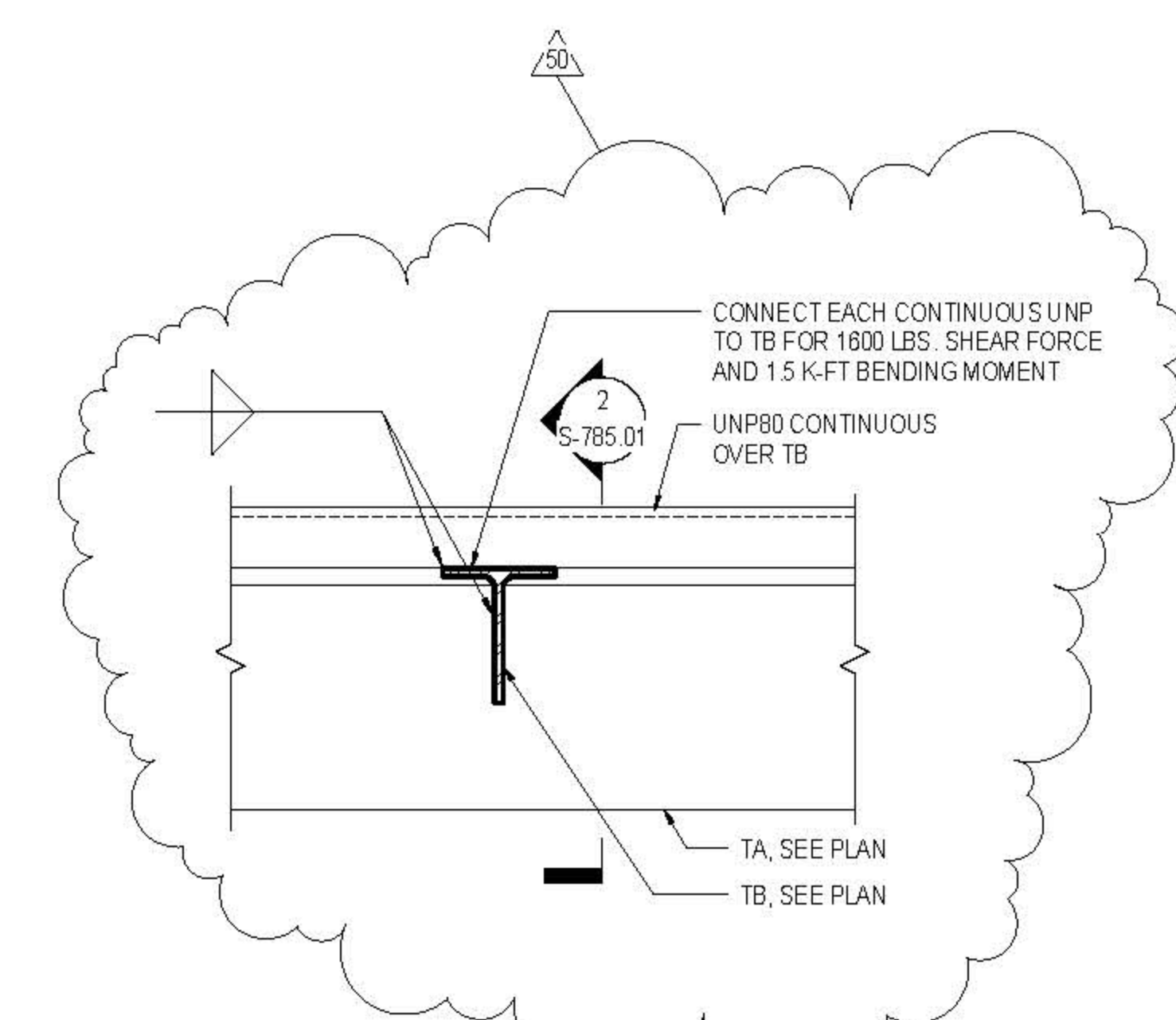
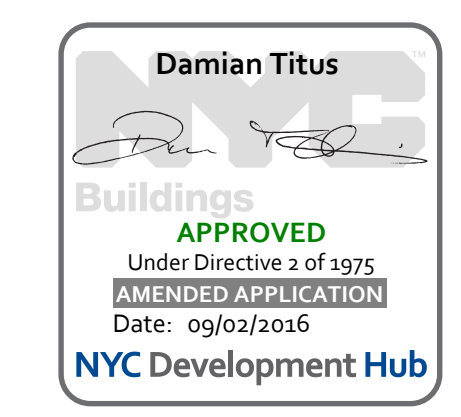
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S-785.01

B.SCAN NO.
S-785.01

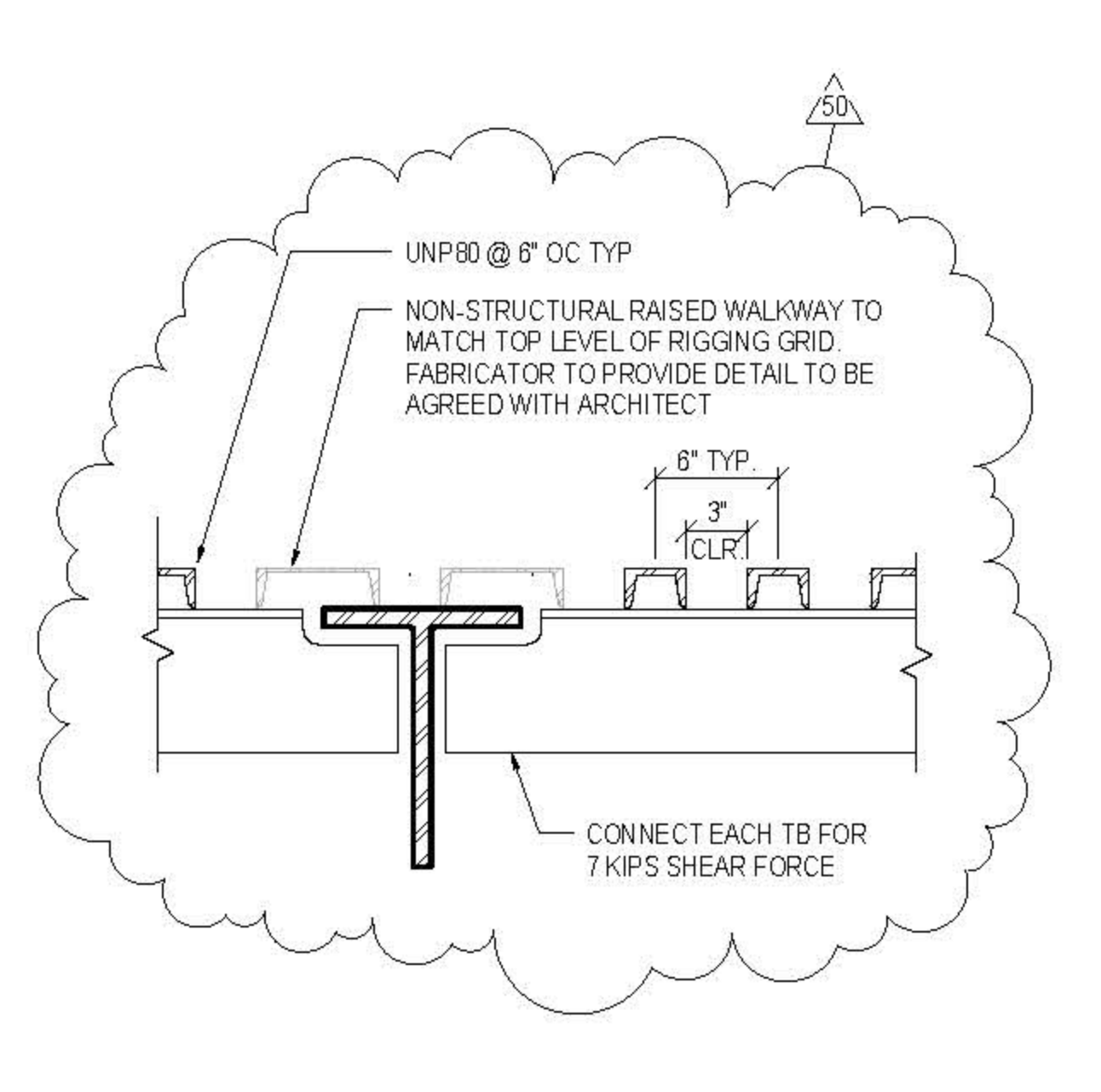
B.SCAN NO.
S-785.01

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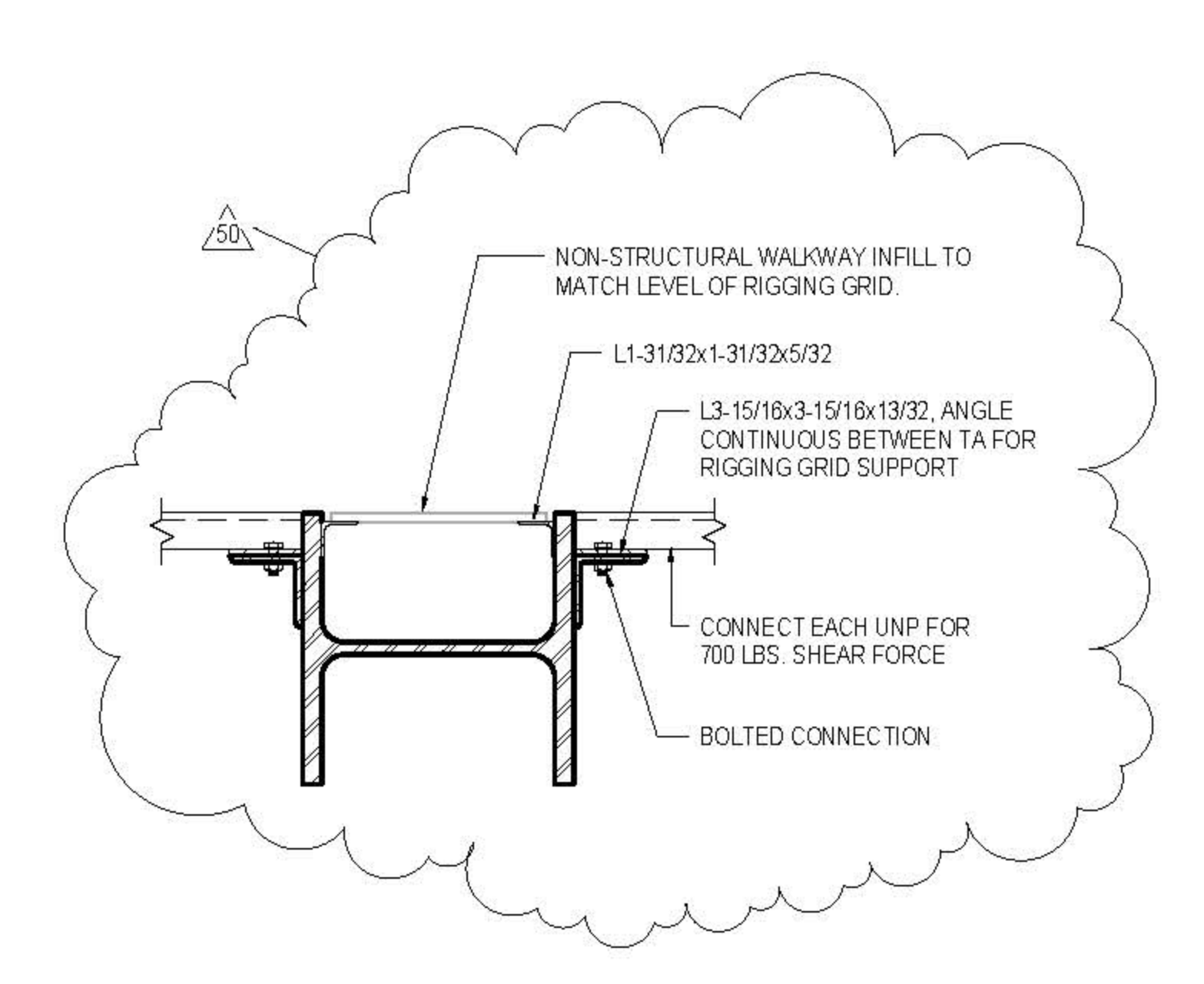
PENDING COORDINATION DURING DESIGN ASSIST.



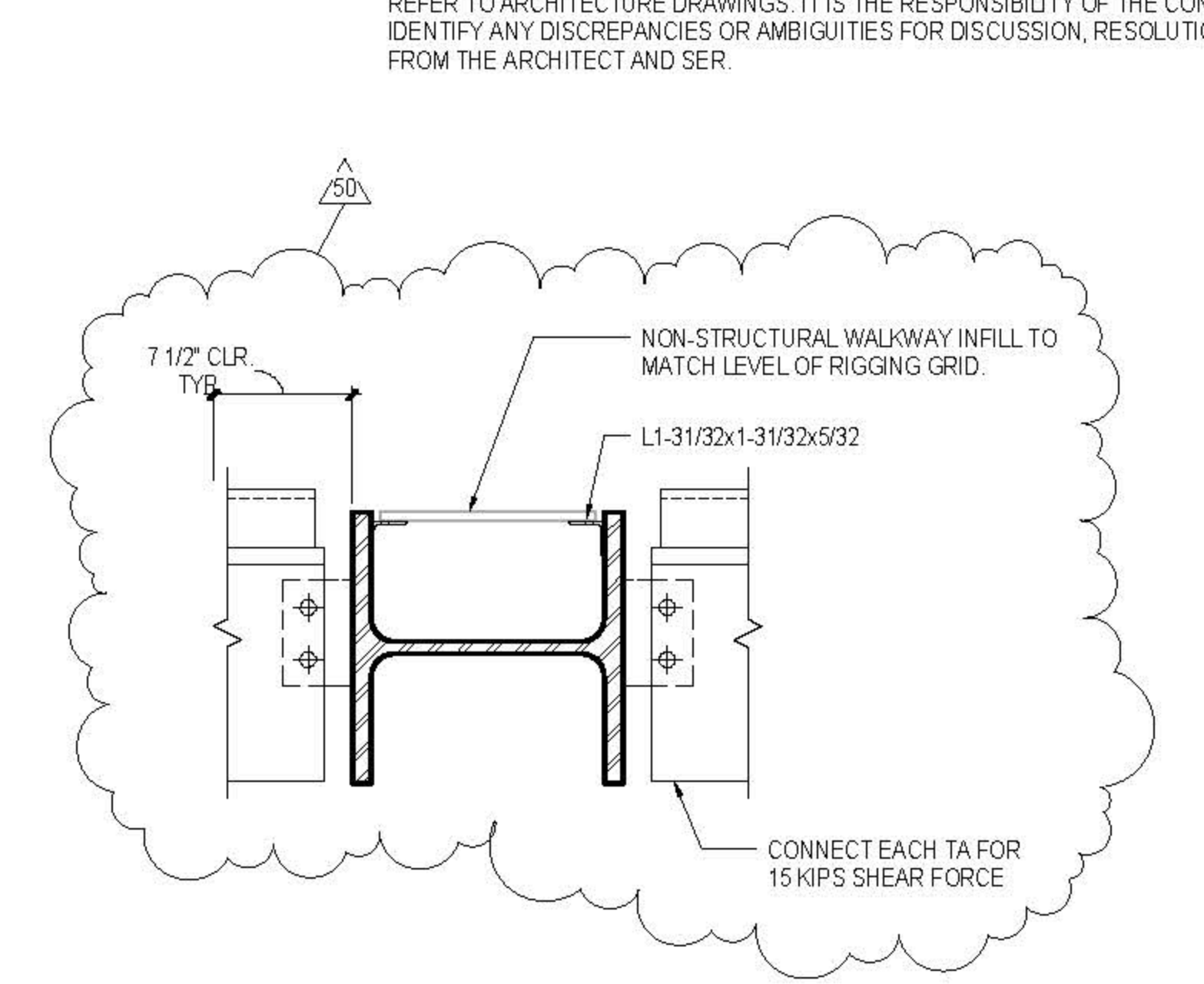
1 SECTION AT RIGGING GRID SUPPORTS
1 1/2" = 1'-0"



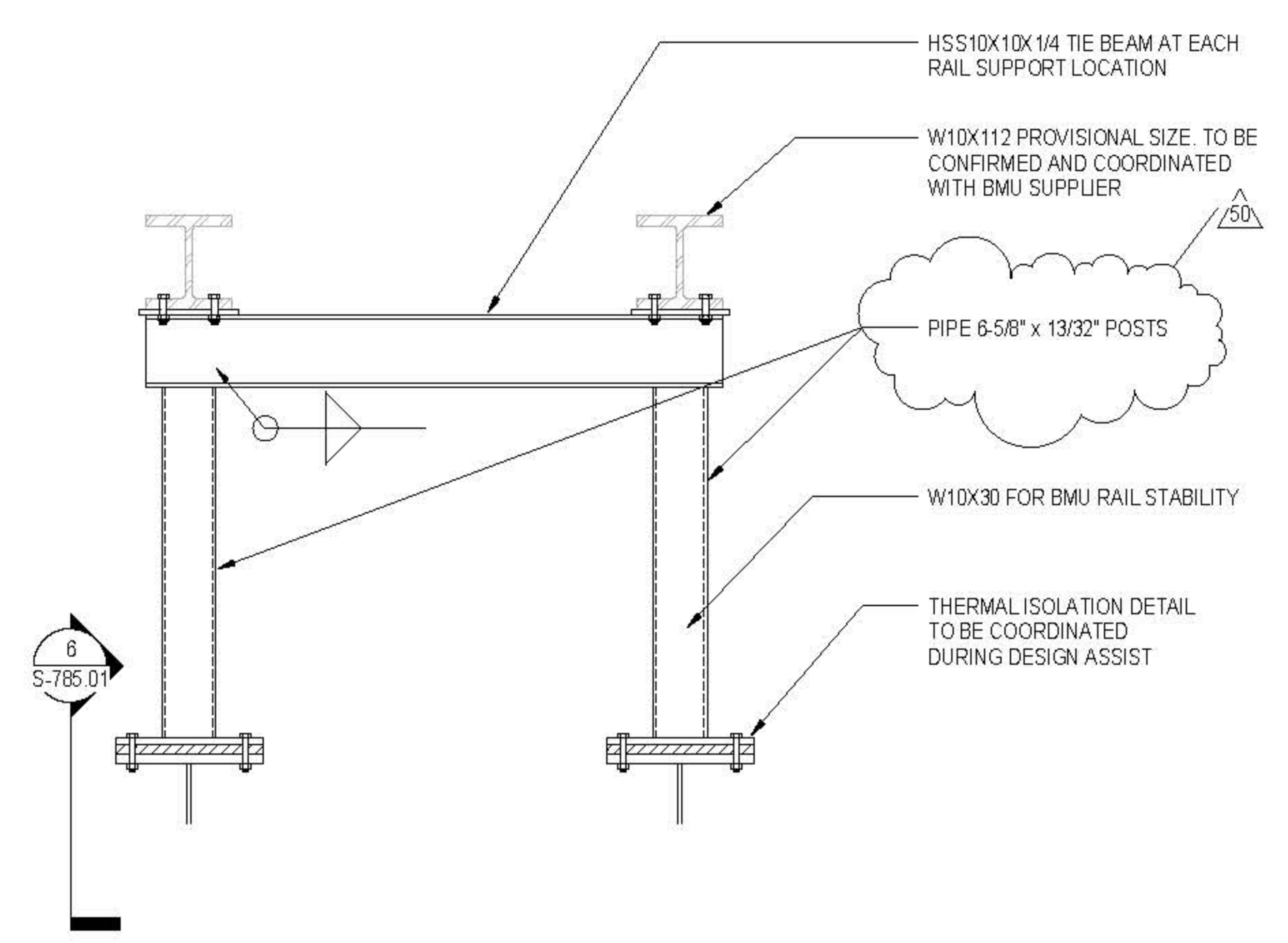
2 SECTION AT RIGGING GRID SUPPORTS
1 1/2" = 1'-0"



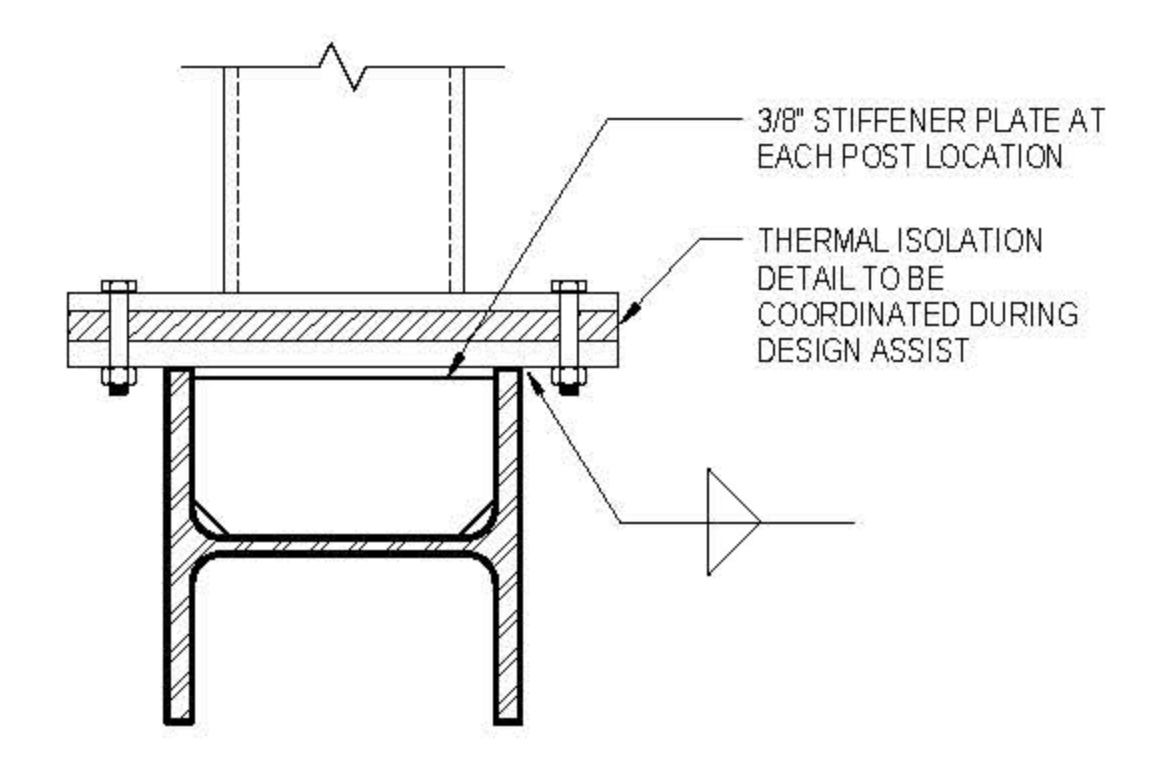
3 SECTION AT RIGGING GRID AND TRUSS
1 1/2" = 1'-0"



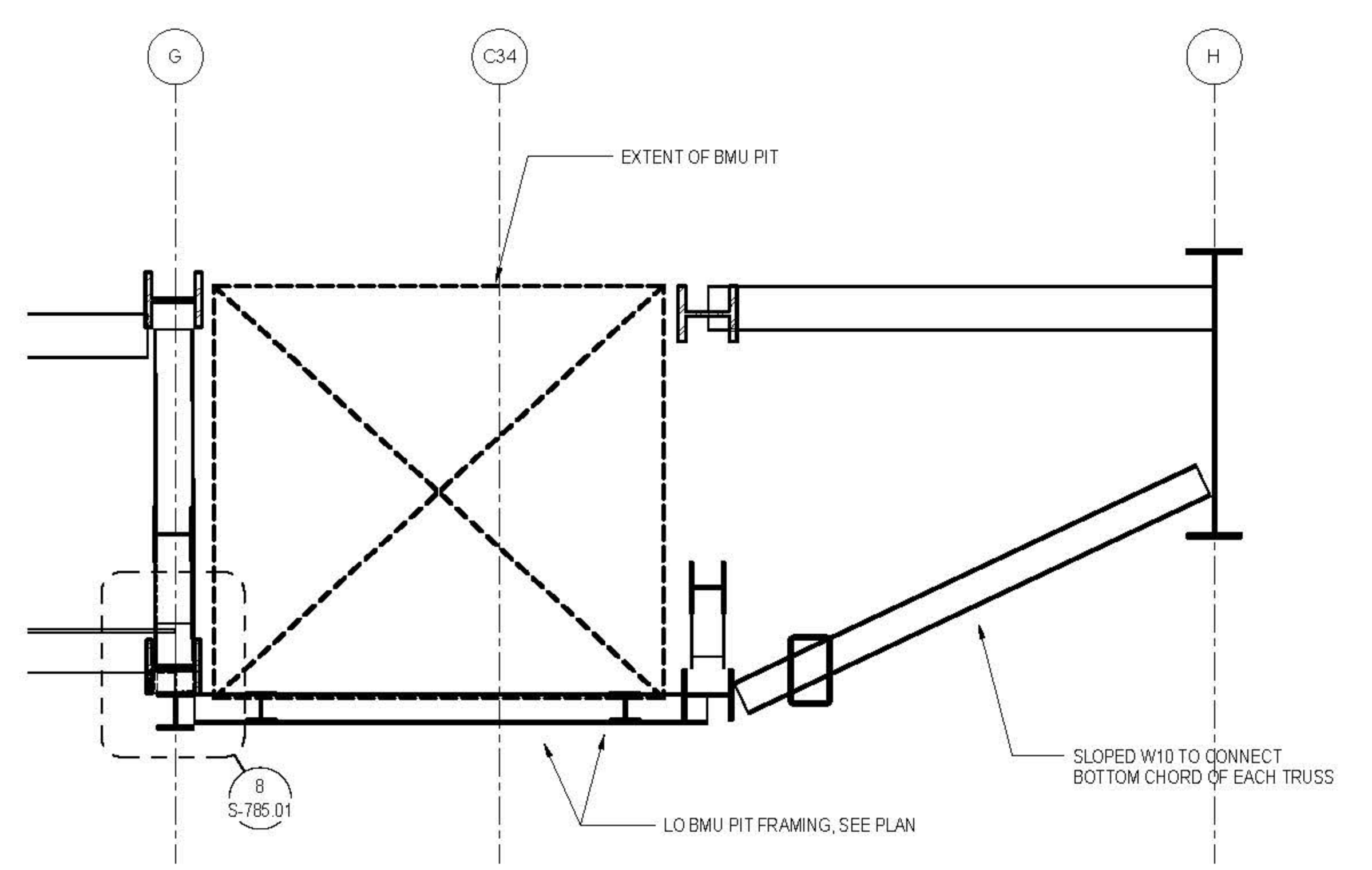
4 SECTION AT MECHANICAL DECK FRAMING AND TRUSS
1 1/2" = 1'-0"



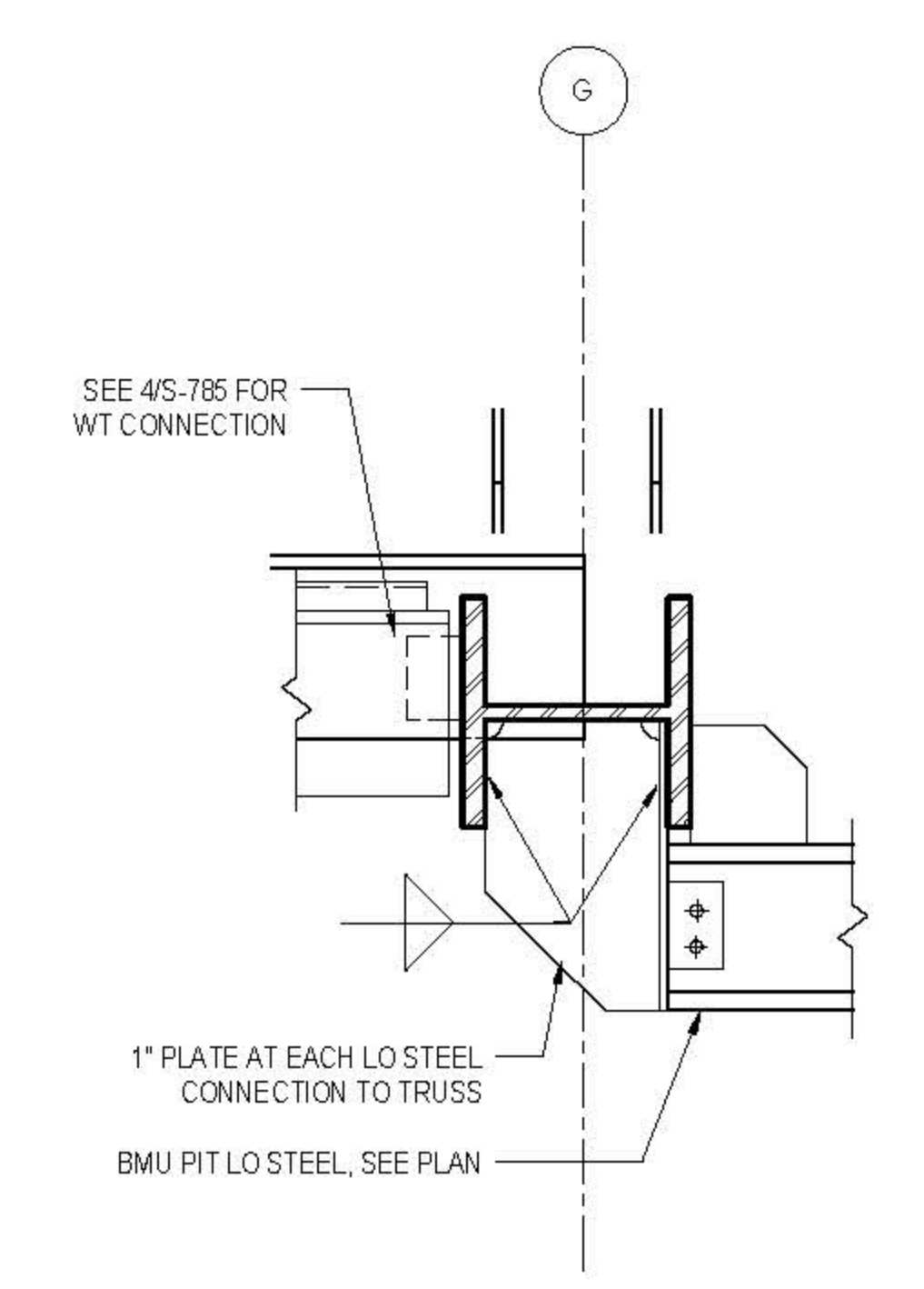
5 ROOF TRACK x TRUSS CONNECTION
3/4" = 1'-0"



6 BMU POST THERMAL ISOLATION DETAIL
1 1/2" = 1'-0"



7 SECTION AT BMU PIT
3/8" = 1'-0"



8 LO BMU FRAMING CONNECTION TO TRUSS
1" = 1'-0"

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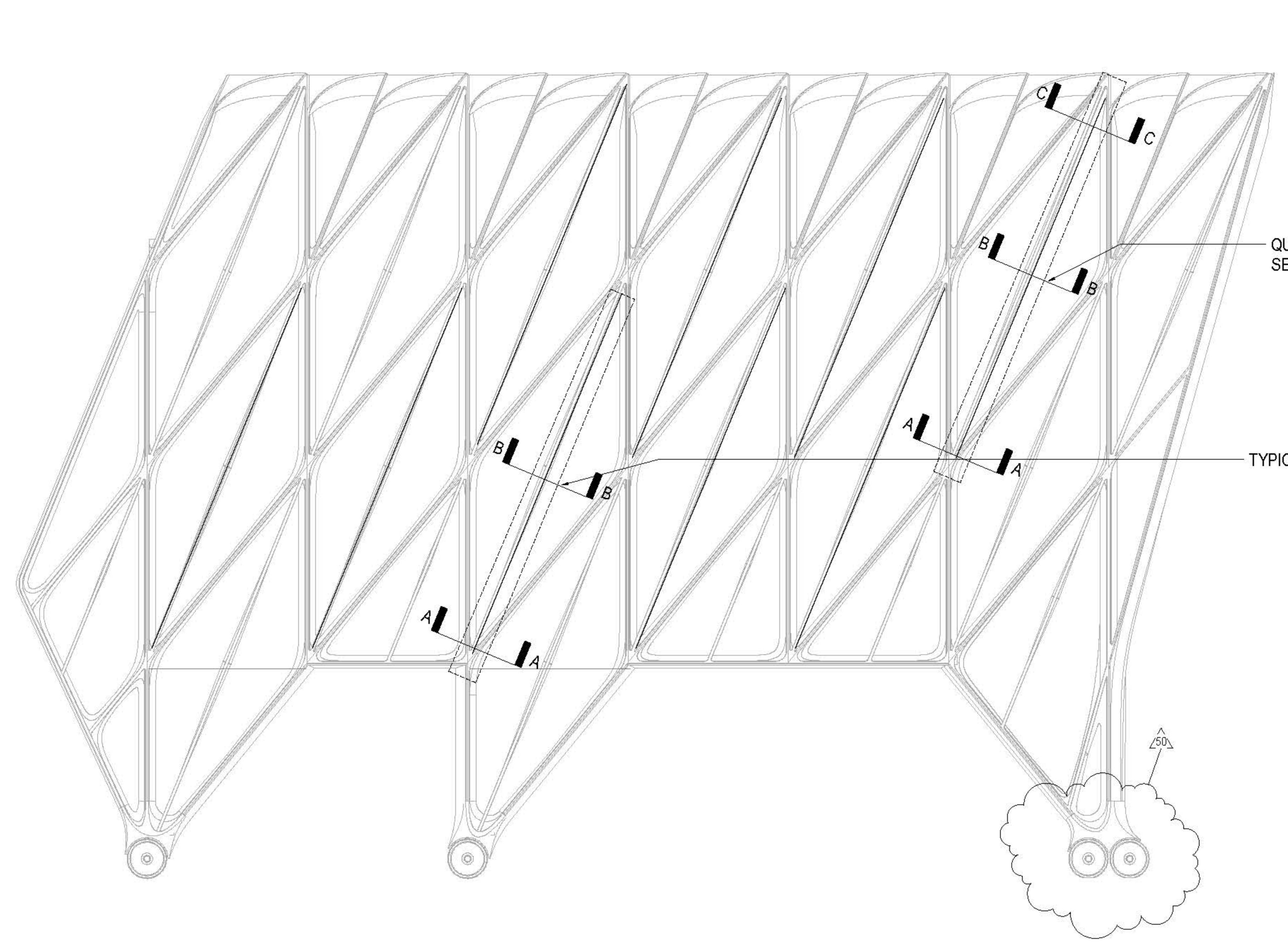
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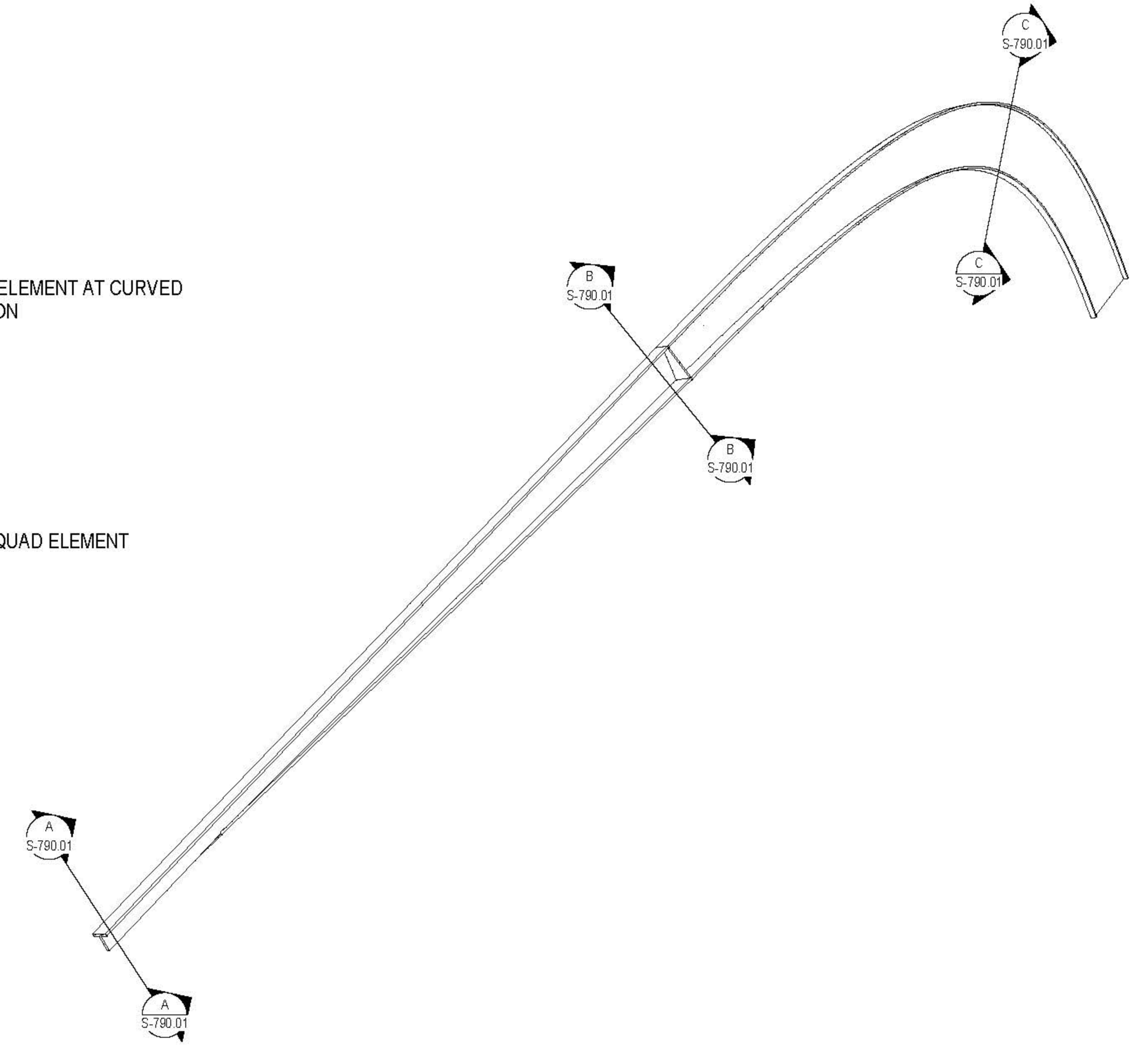
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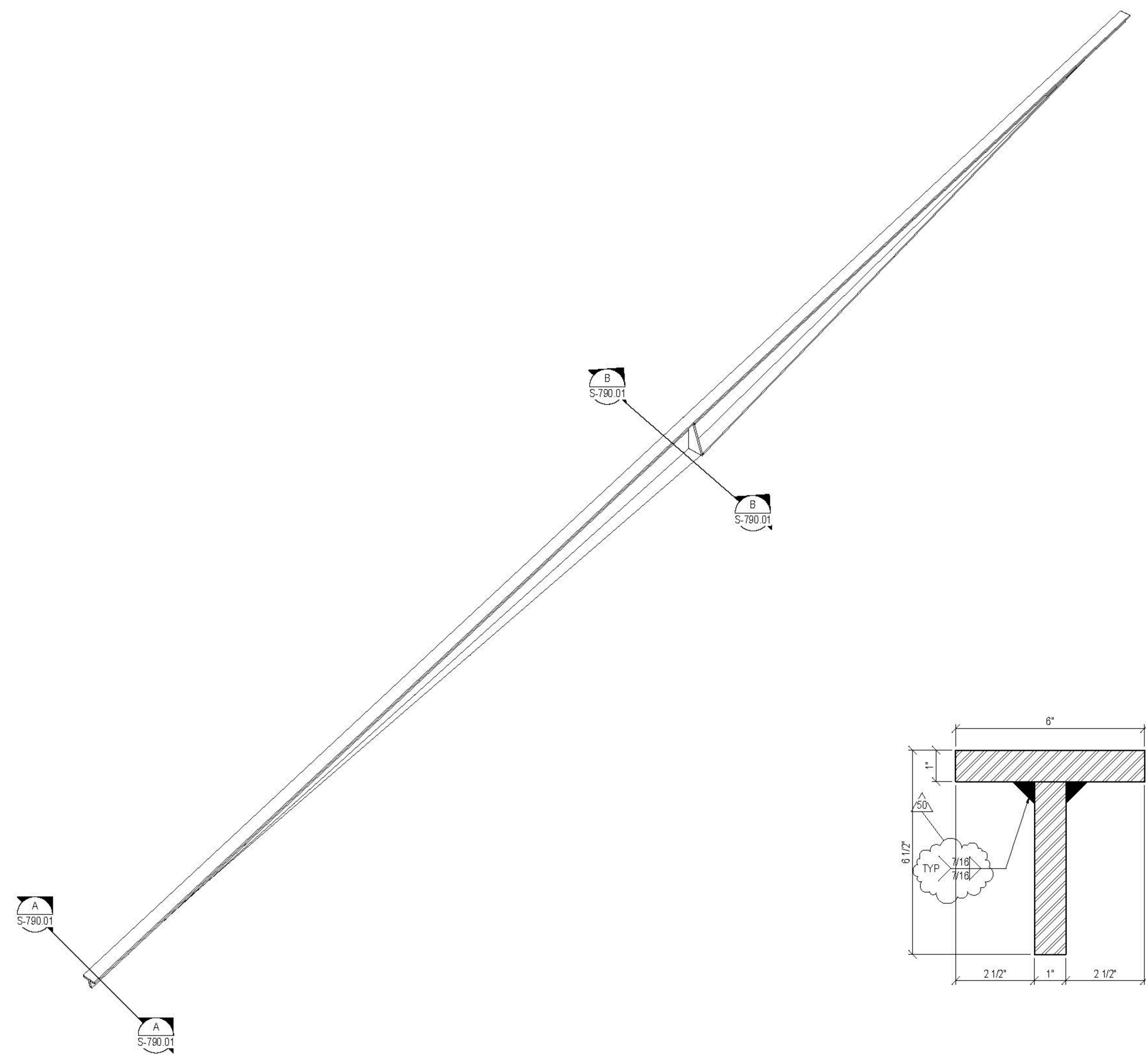
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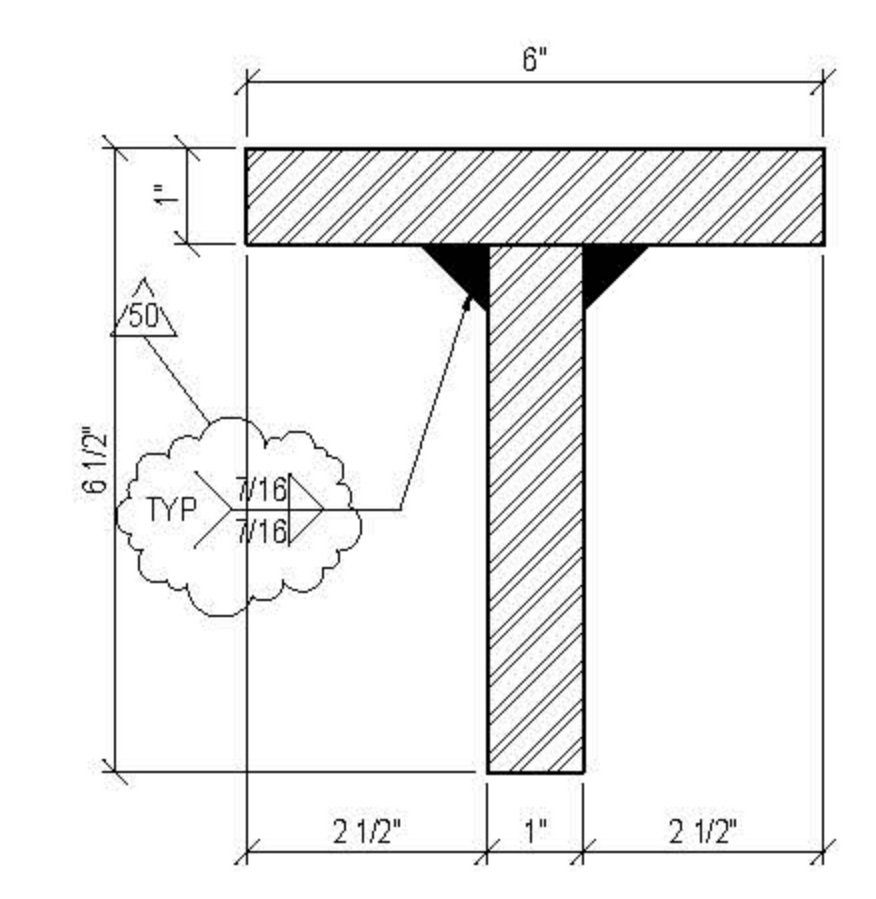
1 SOUTH ELEVATION
3/32" = 1'-0"



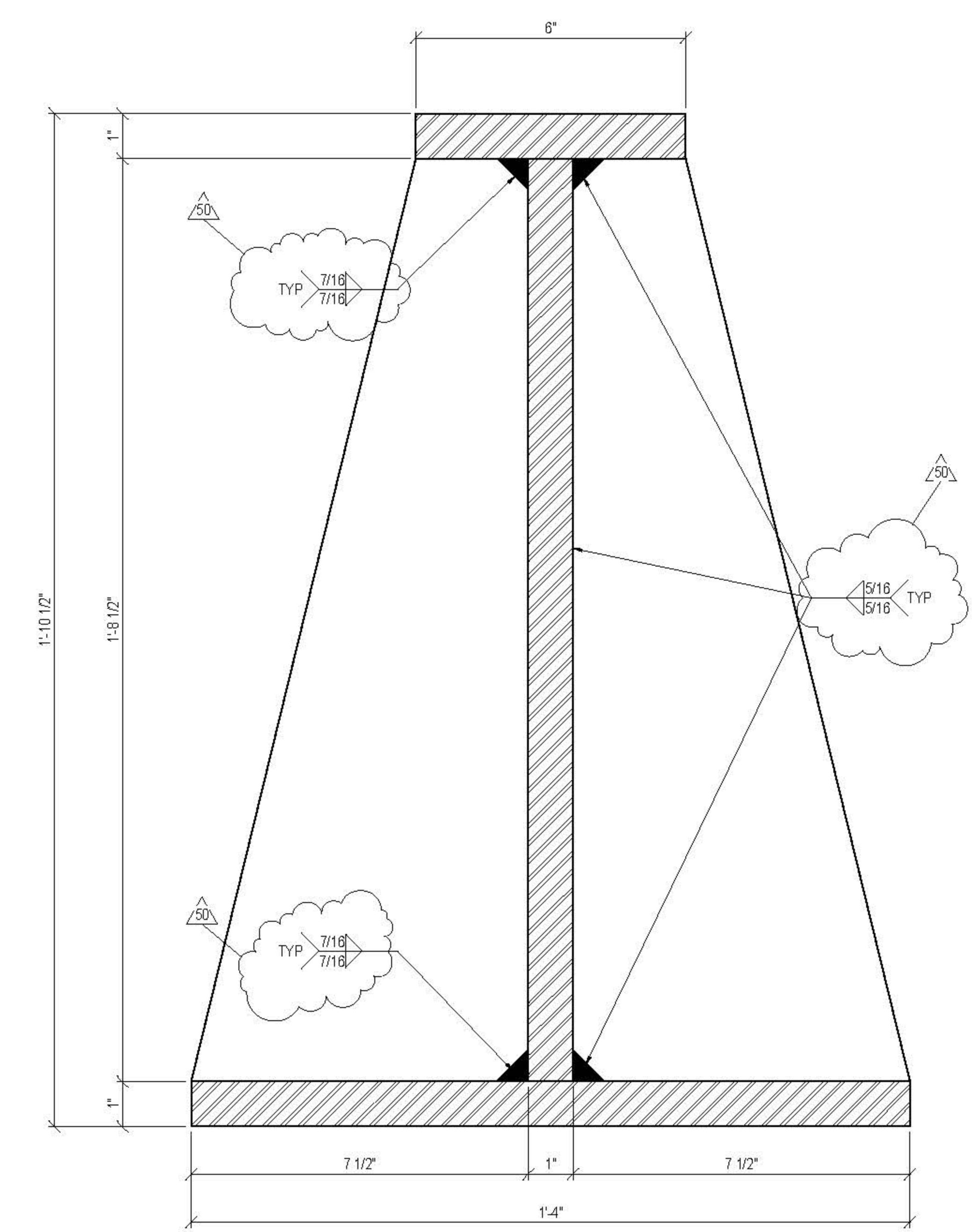
3 TYPICAL CURVED QUAD ELEMENT-AXONOMETRIC
1/2" = 1'-0"



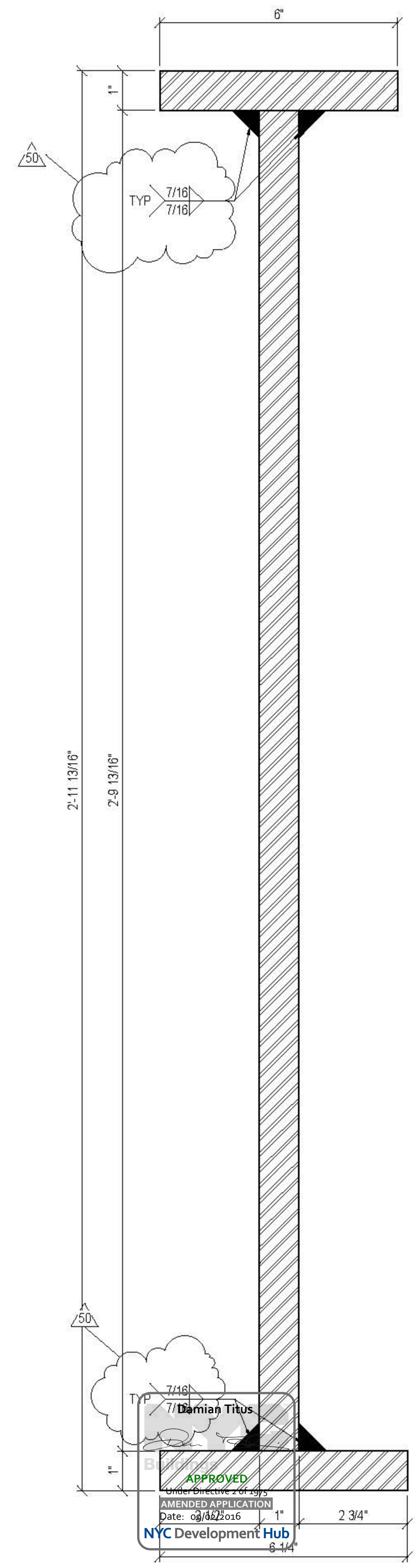
2 TYPICAL QUAD ELEMENT-AXONOMETRIC
1/2" = 1'-0"



A SECTION A-A
0" = 1'-0"

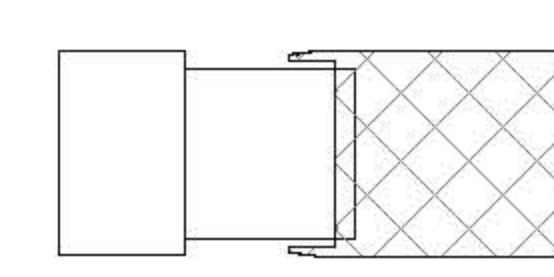


B SECTION B-B
0" = 1'-0"



C SECTION C-C
0" = 1'-0"

KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE	
03	60	DOB AMENDMENT 7	03.19.2016
04	30	DOB AMENDMENT 6	04.09.2016
21		CONSTRUCTION SET	10.08.2015
10	4	100% CONSTRUCTION DOCUMENTS	03.18.2015
9		90% CONSTRUCTION DOCUMENTS	02.16.2015
6		PRELIMINARY JOB SUBMISSION	12.10.2014
1		ADVANCED PROCUREMENT BID SET	06.16.2014



DRAWN BY: **Autmy** CHECKED BY: **Chris**

PROJECT NUMBER: **N1318.00**

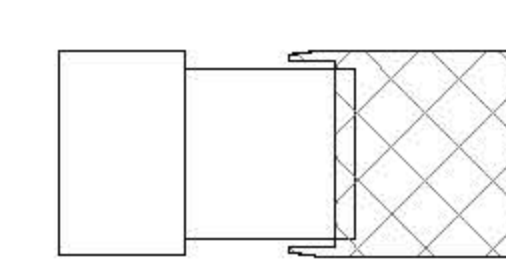
TITLE: **DEPLOYED SHED NORTH/SOUTH WALL- QUAD MEMBERS**

DRAWING NO.: **S-790.01**

B.SCAN NO.: **S-790.01**

PENDING COORDINATION DURING DESIGN ASSIST.

KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
01	60	DOB AMENDMENT 7
02	30	DOB AMENDMENT 6
03	21	CONSTRUCTION SET
04	10	100% CONSTRUCTION DOCUMENTS
05	09	90% CONSTRUCTION DOCUMENTS
06	08	PRELIMINARY CDS SUBMISSION
07	01	ADVANCED PROCUREMENT BID SET

STAMP



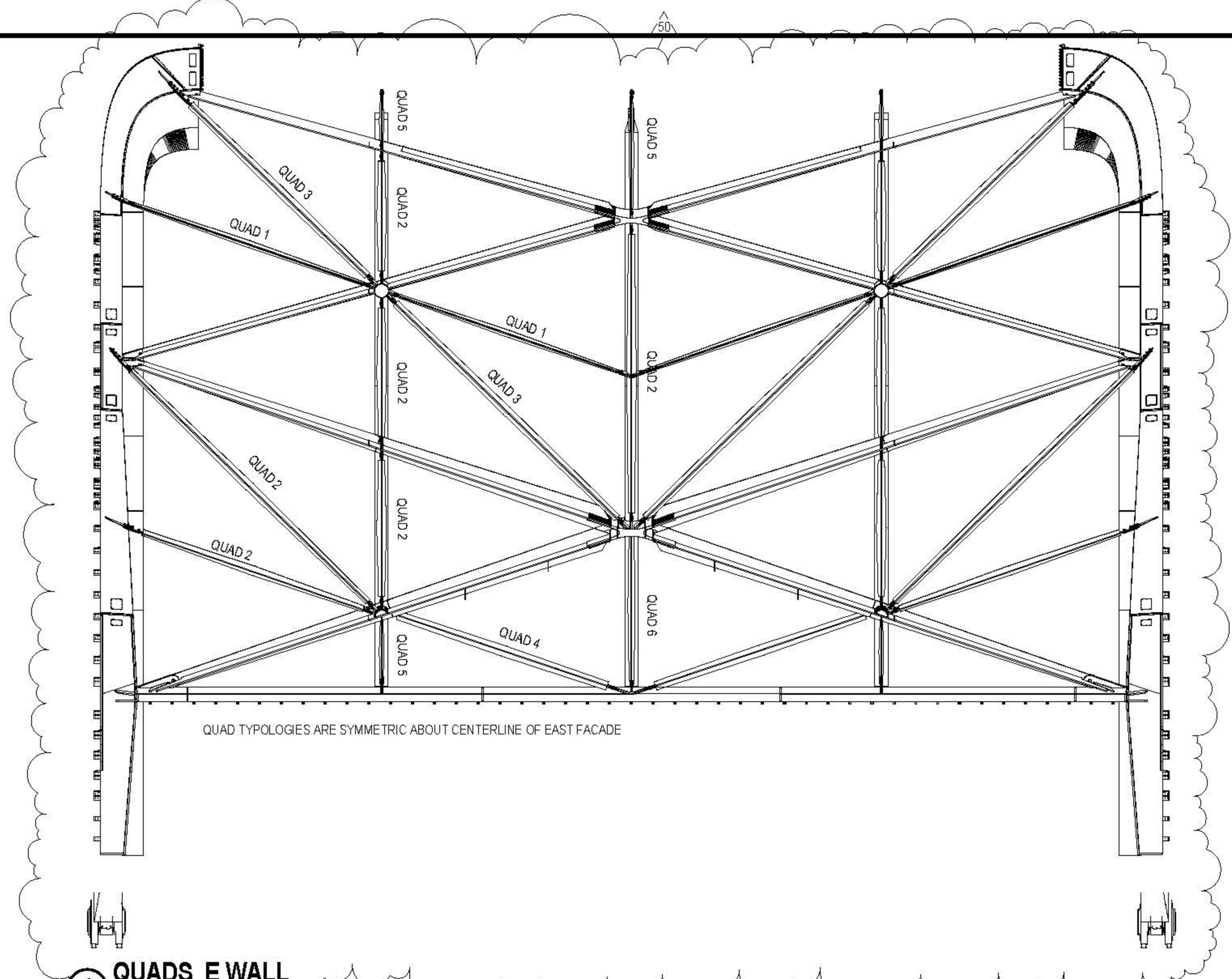
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PROJECT NUMBER: **N11318.00**

TITLE: **DEPLOYED SHED EAST WALL - QUAD MEMBER**

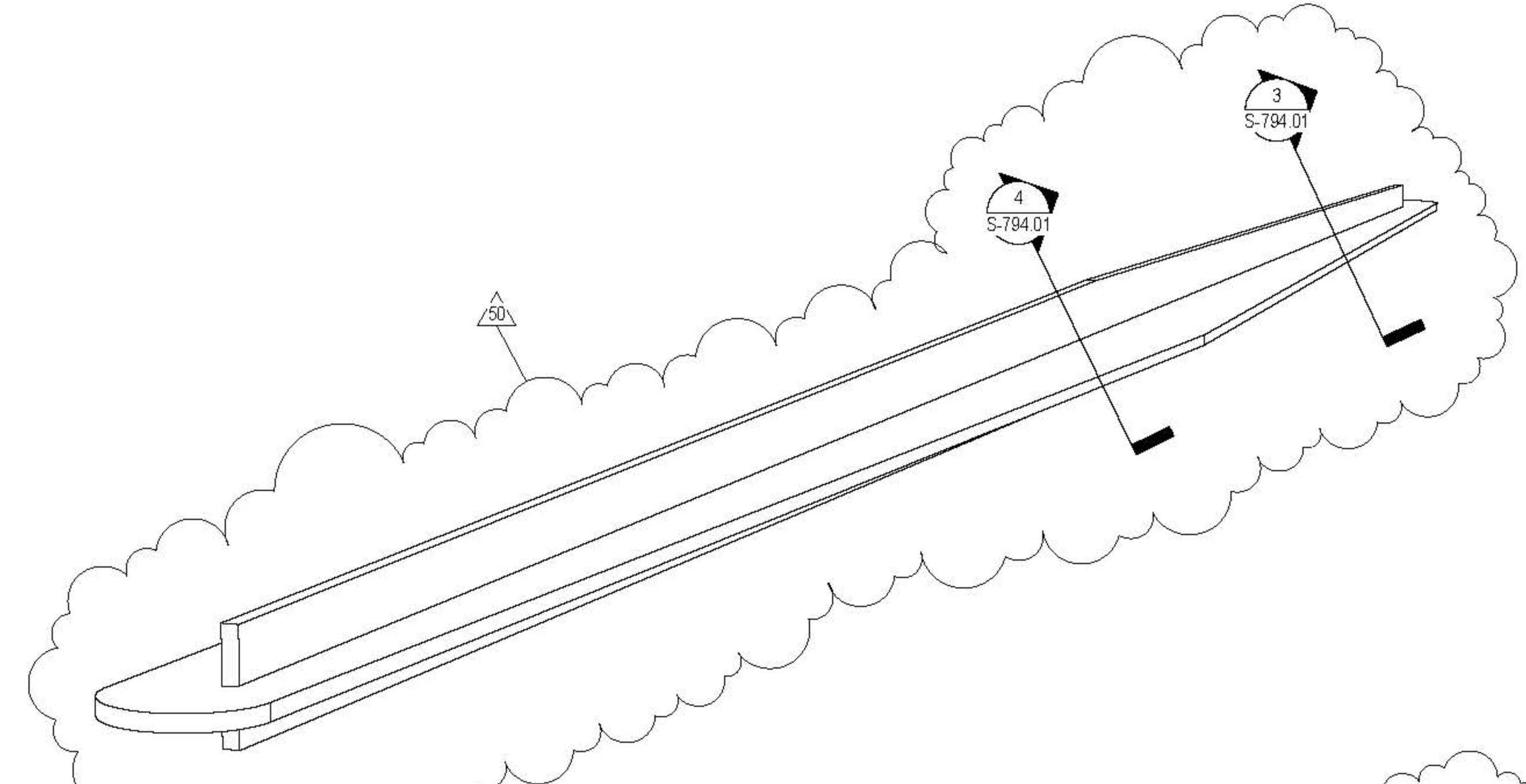
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B.SCAN NO.: **S-794.01**

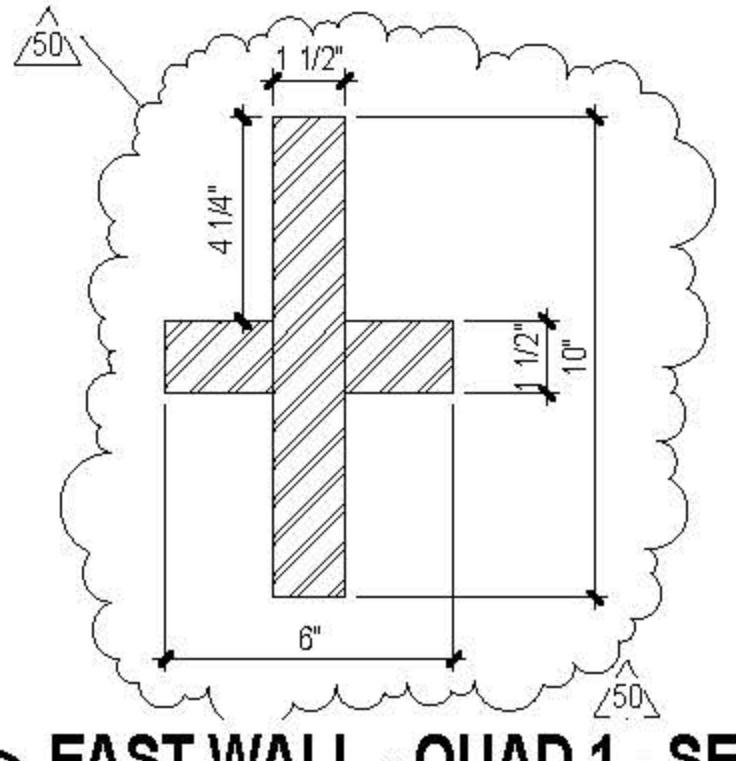
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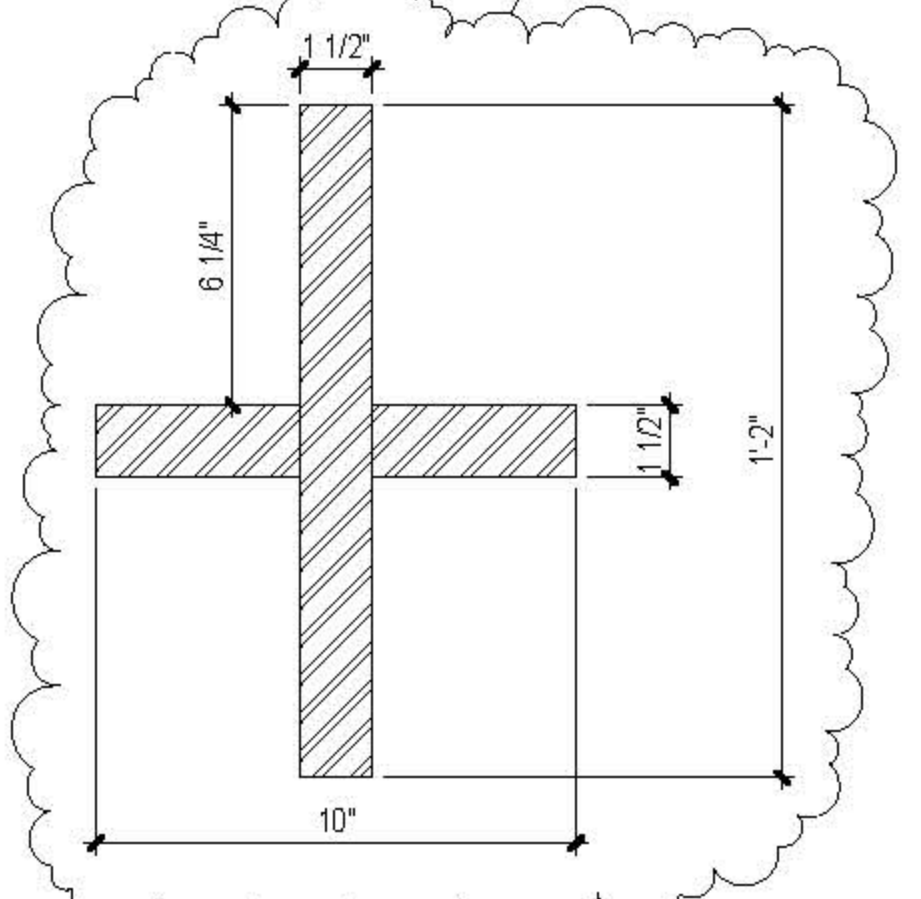
1. QUADS E WALL
3/32" = 1'-0"



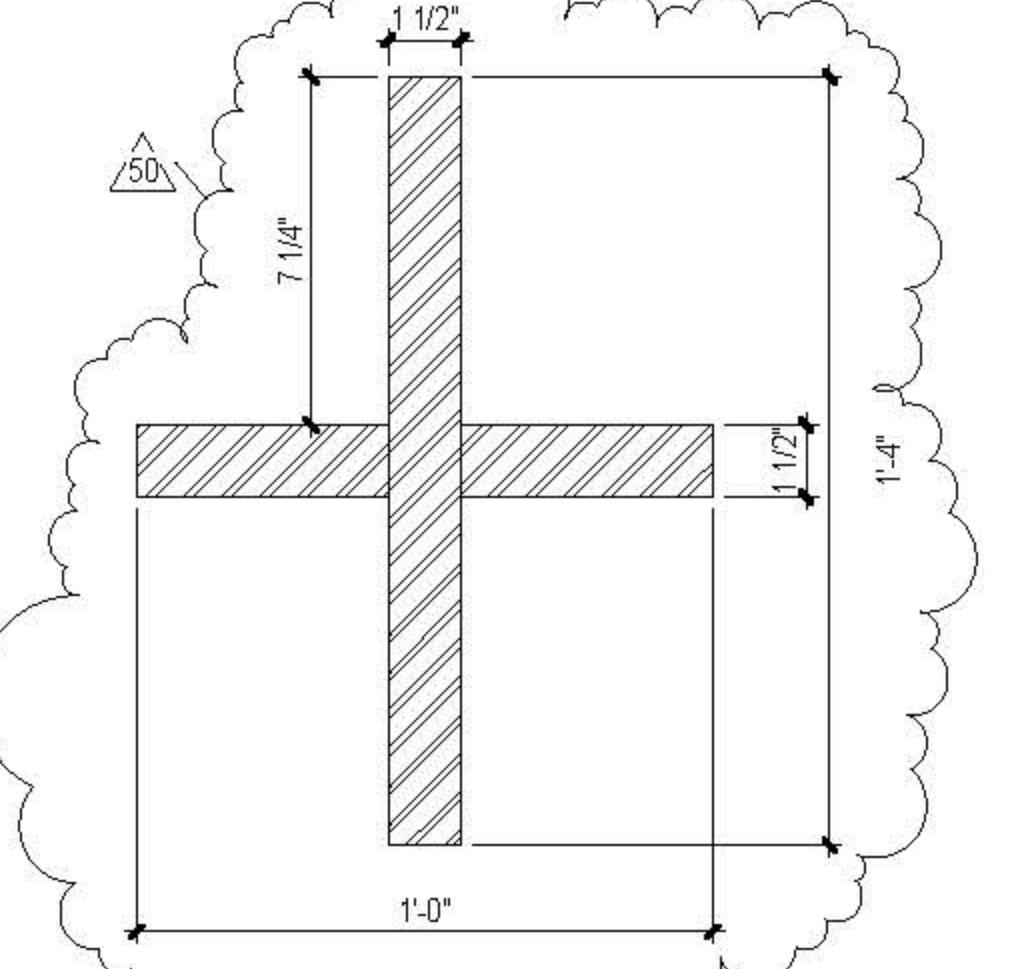
2. TYPICAL QUAD ELEMENT - AXONOMETRIC



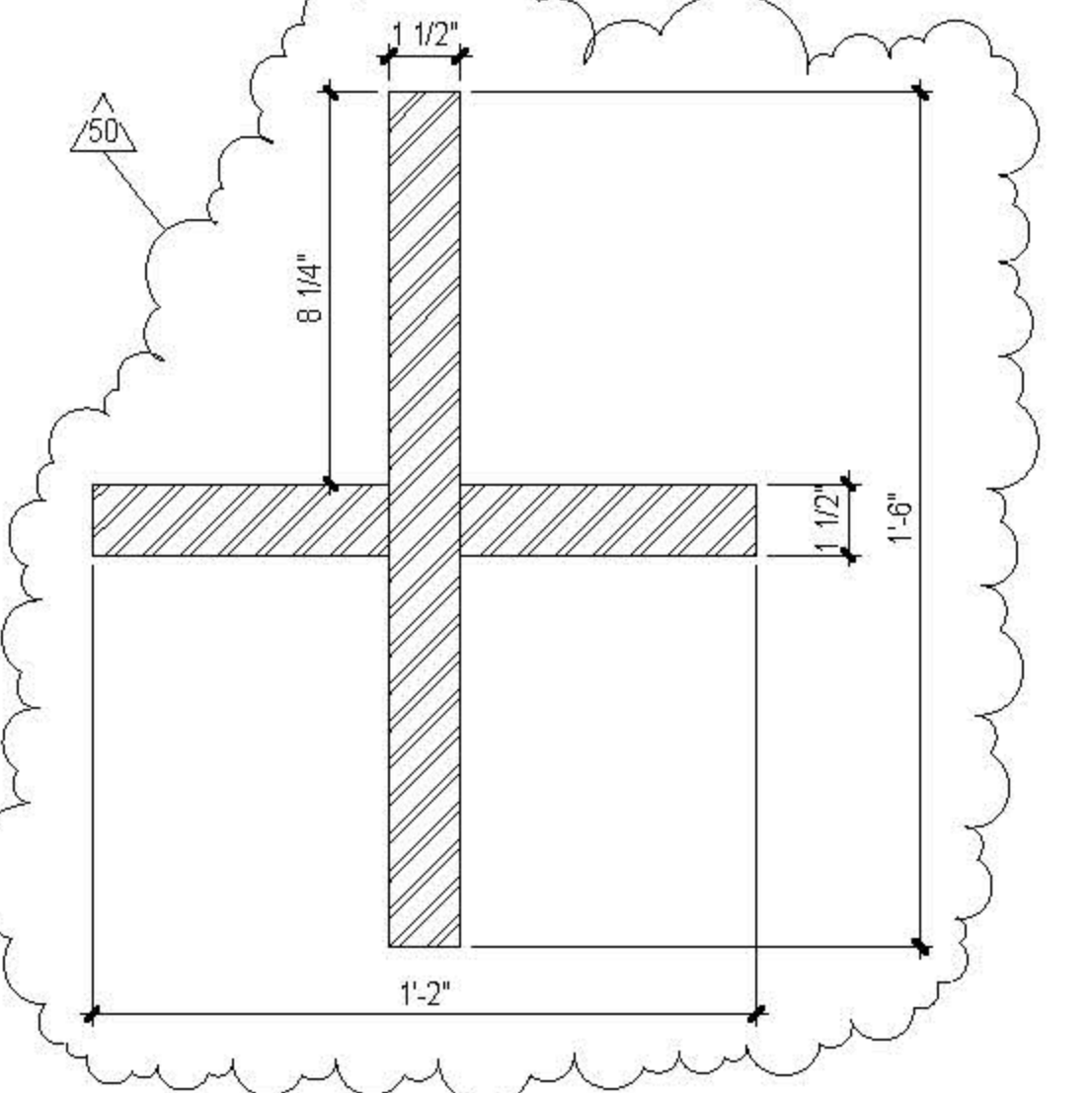
3. EAST WALL - QUAD 1 - SECTION AT JOINT
3/8" = 1'-0"



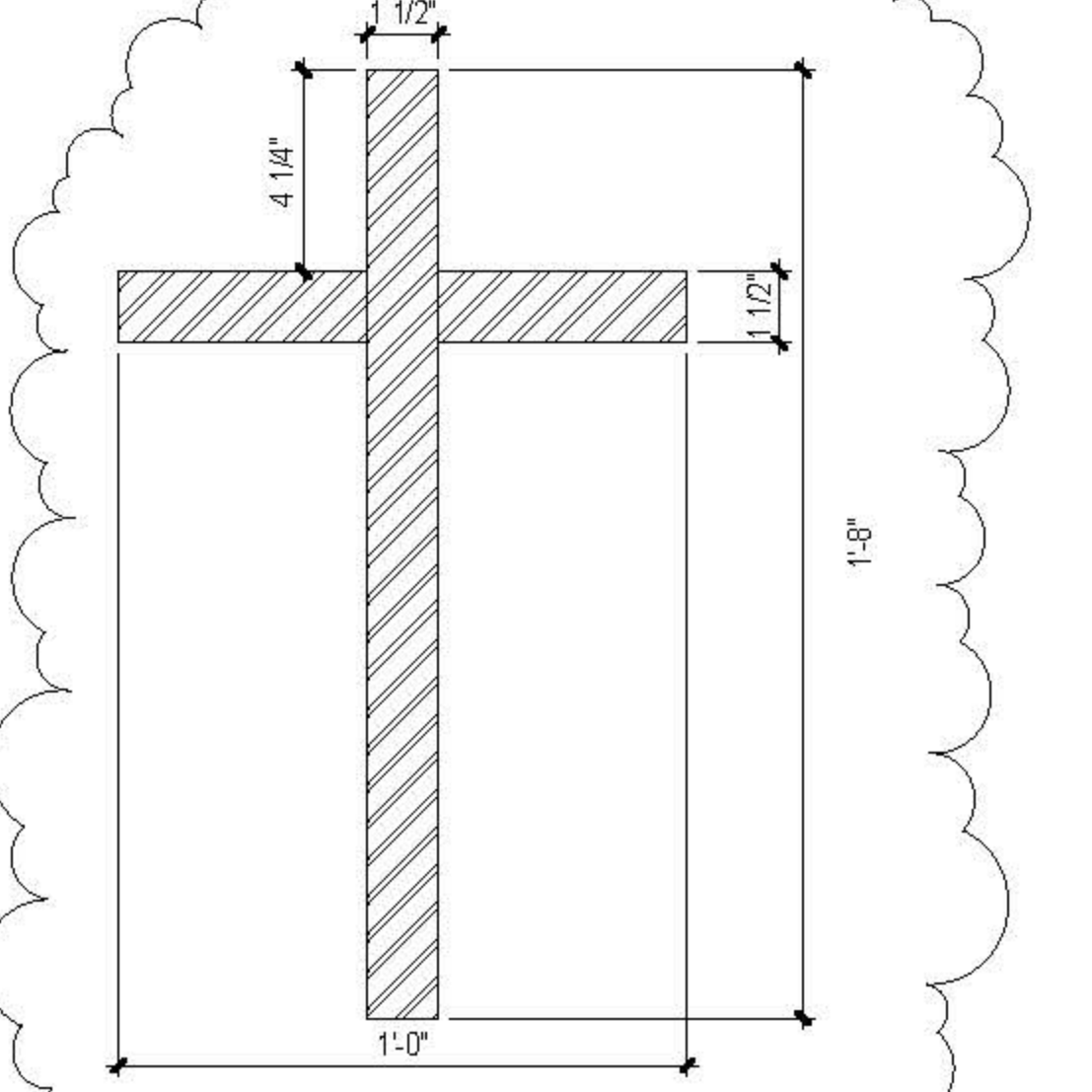
5. EAST WALL - QUAD 2 - SECTION AT JOINT
3/8" = 1'-0"



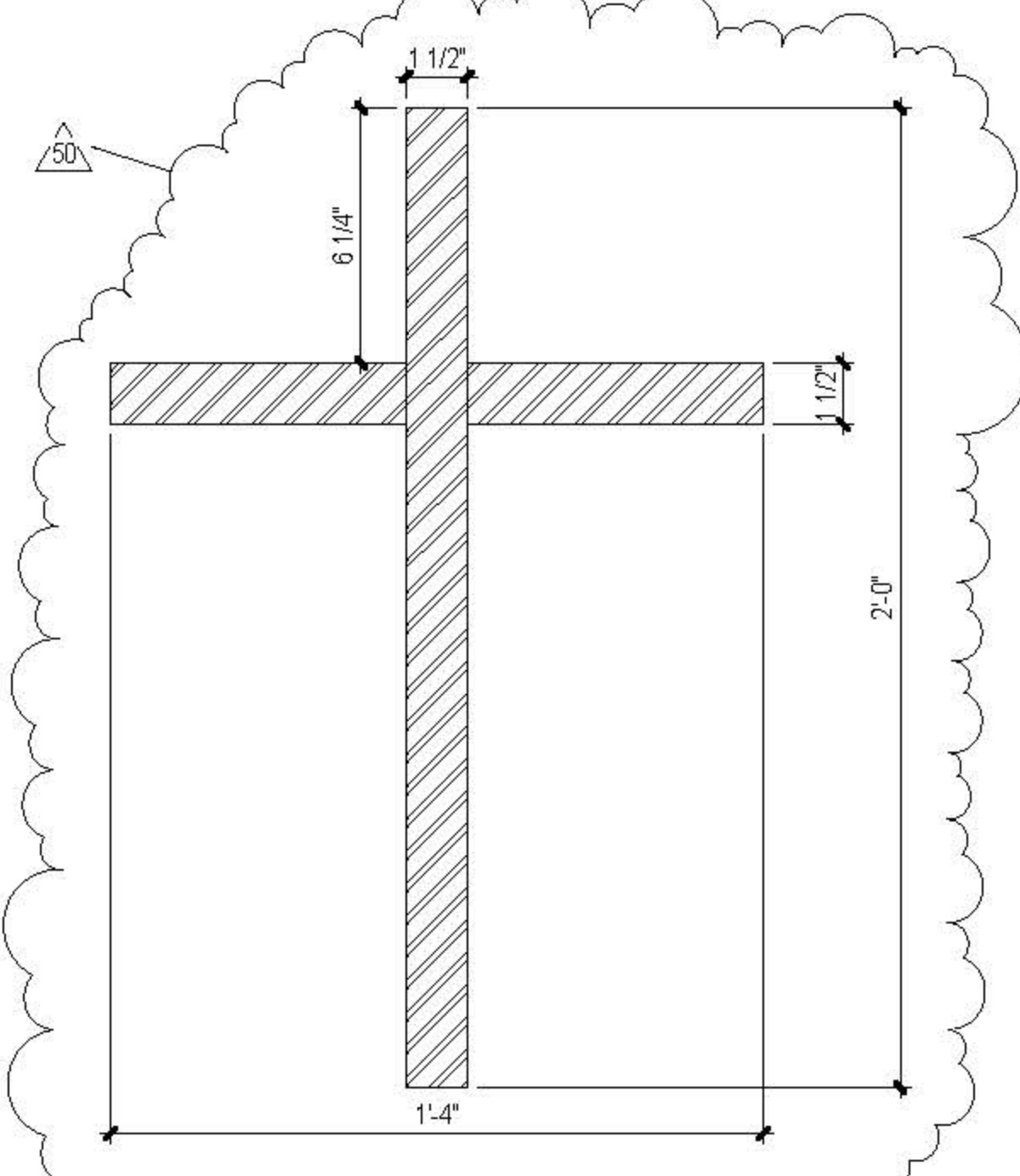
7. EAST WALL - QUAD 3 - SECTION AT JOINT
3/8" = 1'-0"



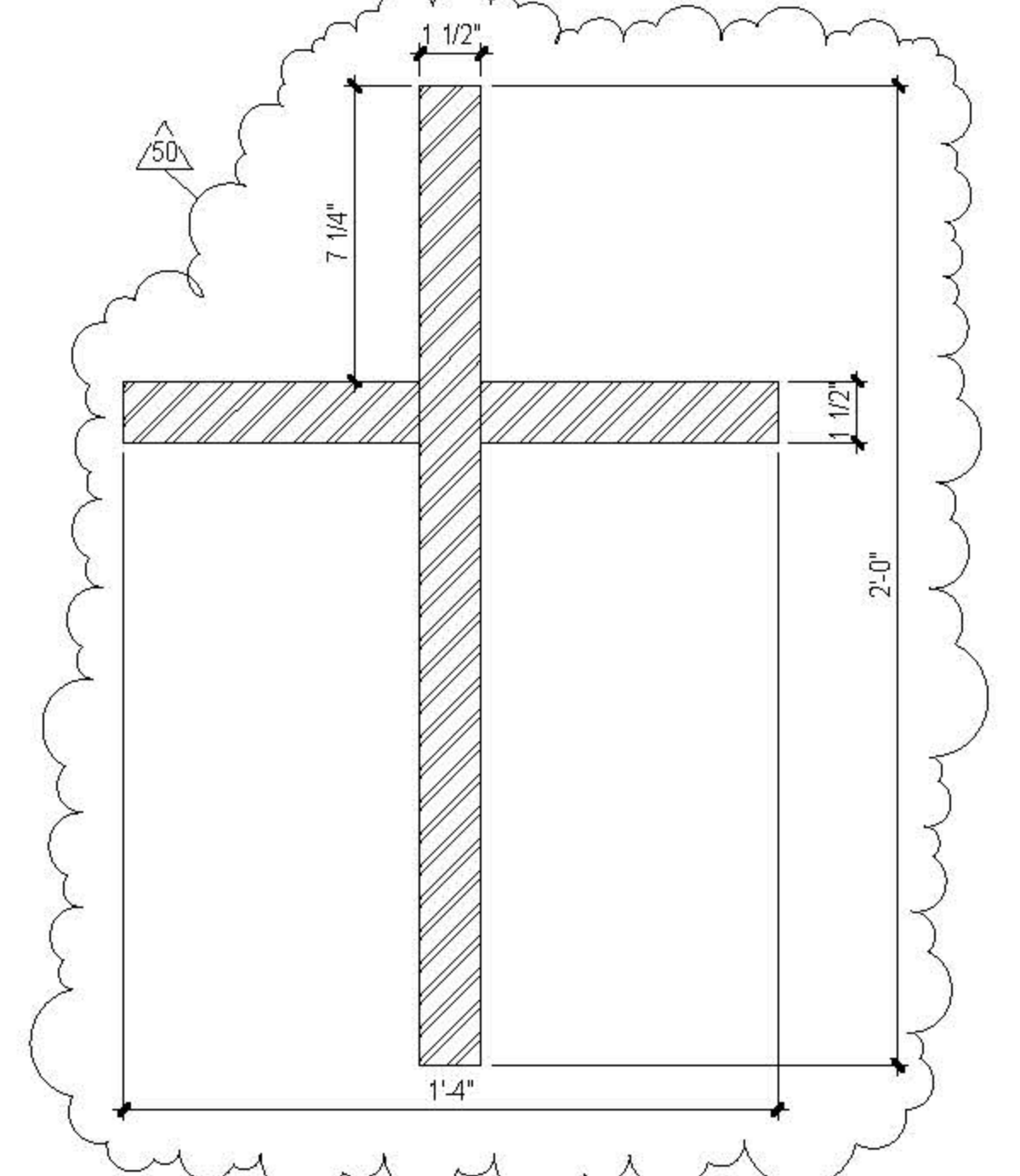
9. EAST WALL - QUAD 4 - SECTION AT JOINT
3/8" = 1'-0"



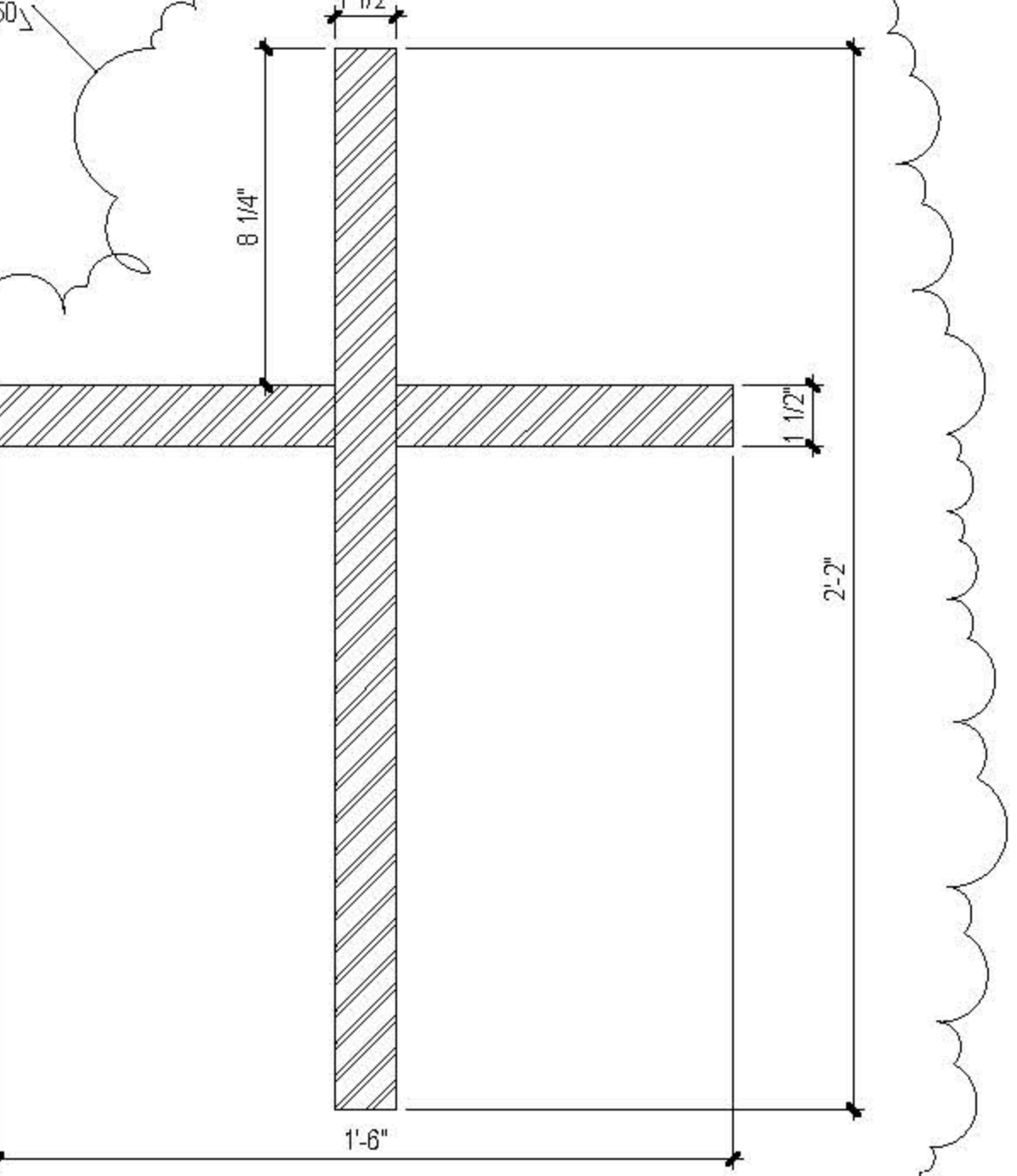
4. EAST WALL - QUAD 1 - MID-SECTION
3/8" = 1'-0"



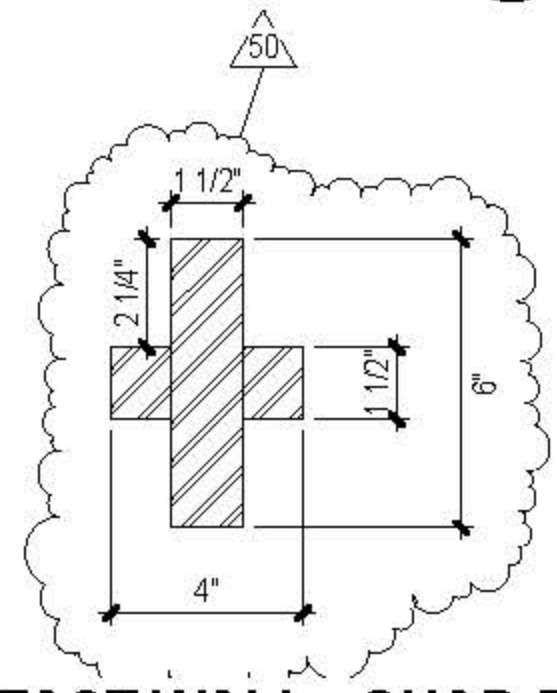
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3/8" = 1'-0"



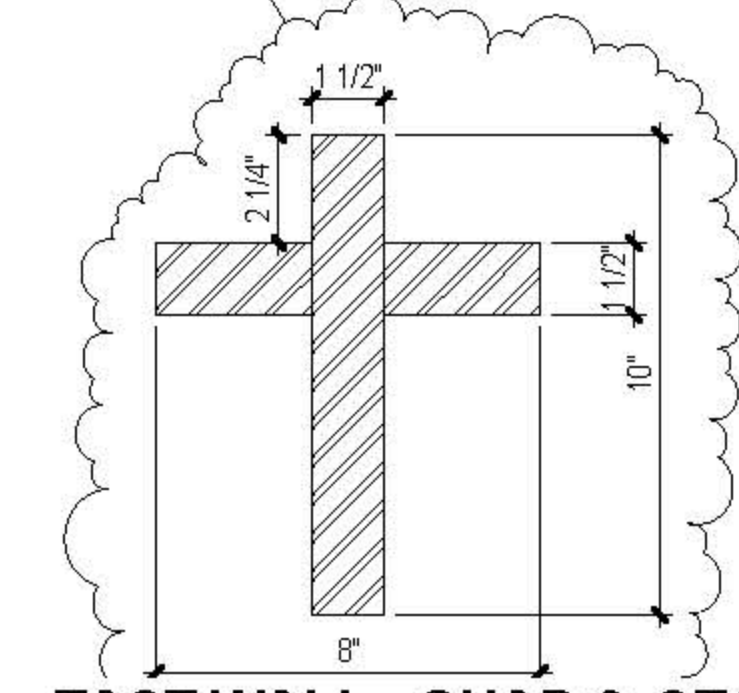
8. EAST WALL - QUAD 3 - MID-SECTION
3/8" = 1'-0"



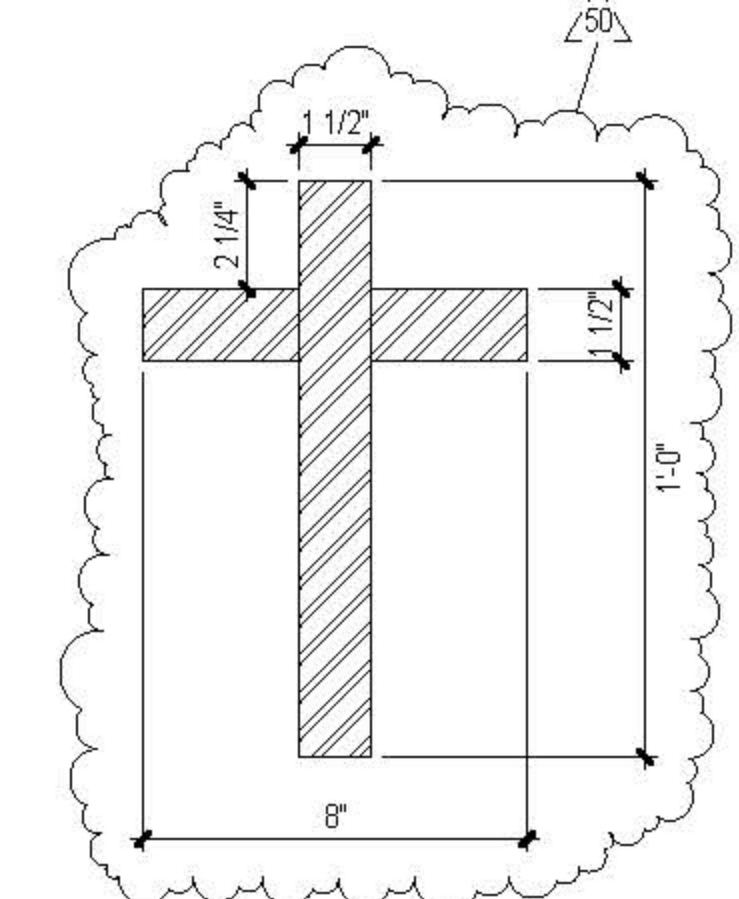
10. EAST WALL - QUAD 4 - MID-SECTION
3/8" = 1'-0"



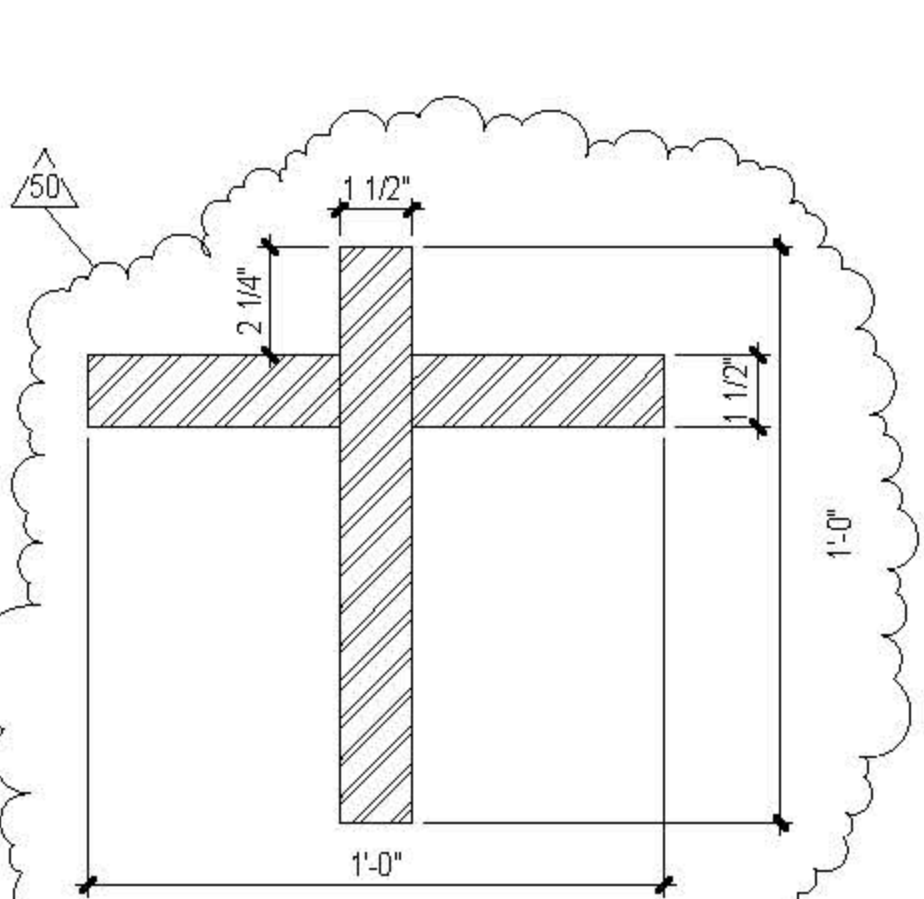
11. EAST WALL - QUAD 5 - SECTION AT JOINT
3/8" = 1'-0"



13. EAST WALL - QUAD 6 - SECTION AT JOINT
3/8" = 1'-0"

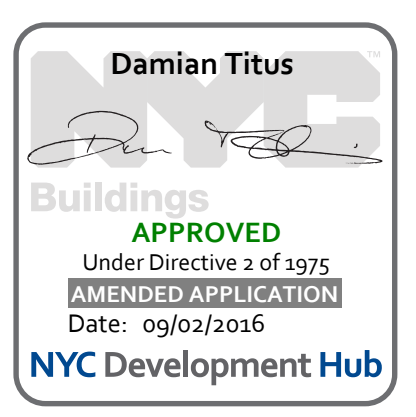


12. EAST WALL - QUAD 5 - MID-SECTION
3/8" = 1'-0"



14. EAST WALL - QUAD 6 - MID-SECTION
3/8" = 1'-0"

ALL EAST WALL QUAD ELEMENTS ARE 65 KSI STEEL.



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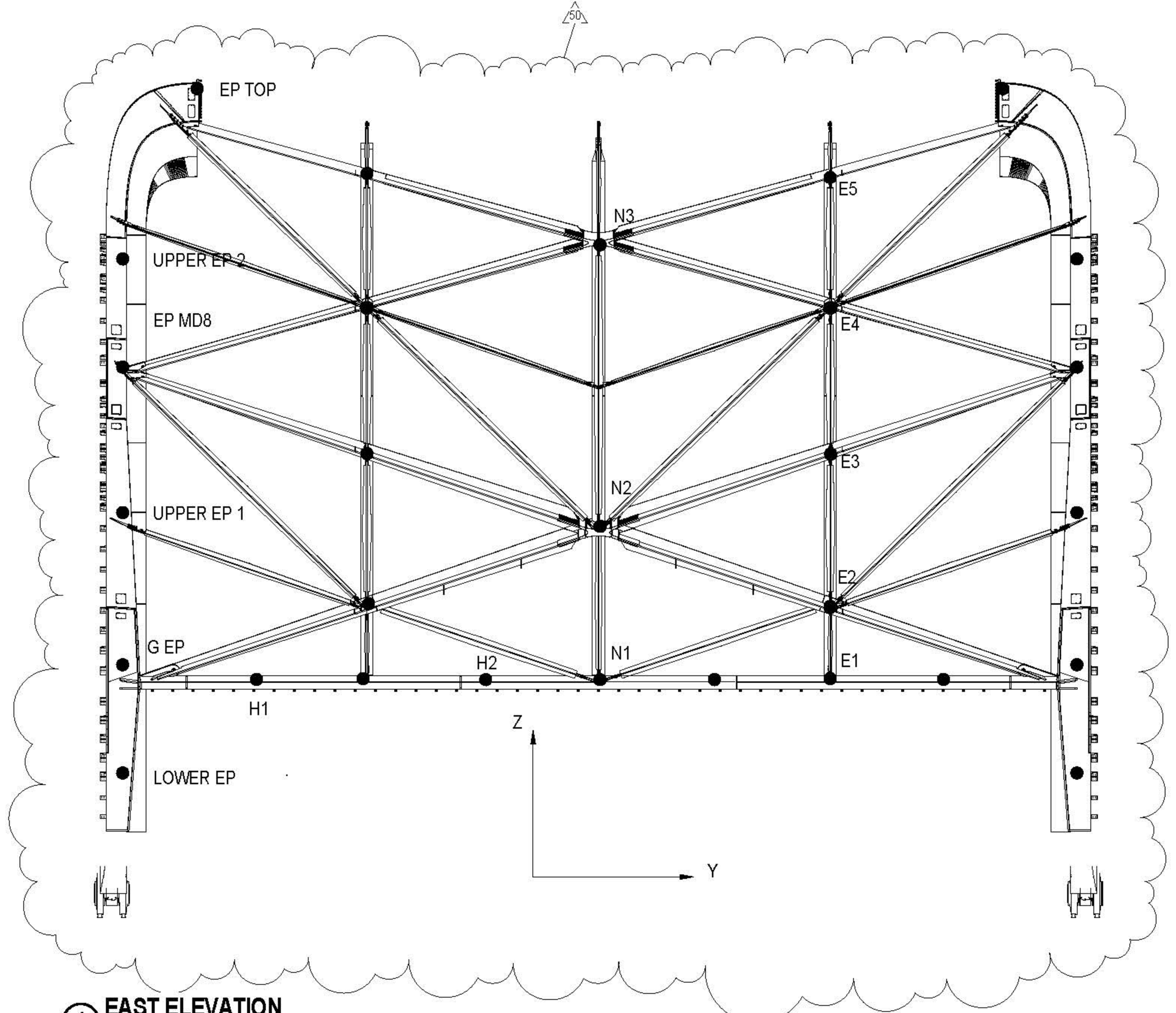
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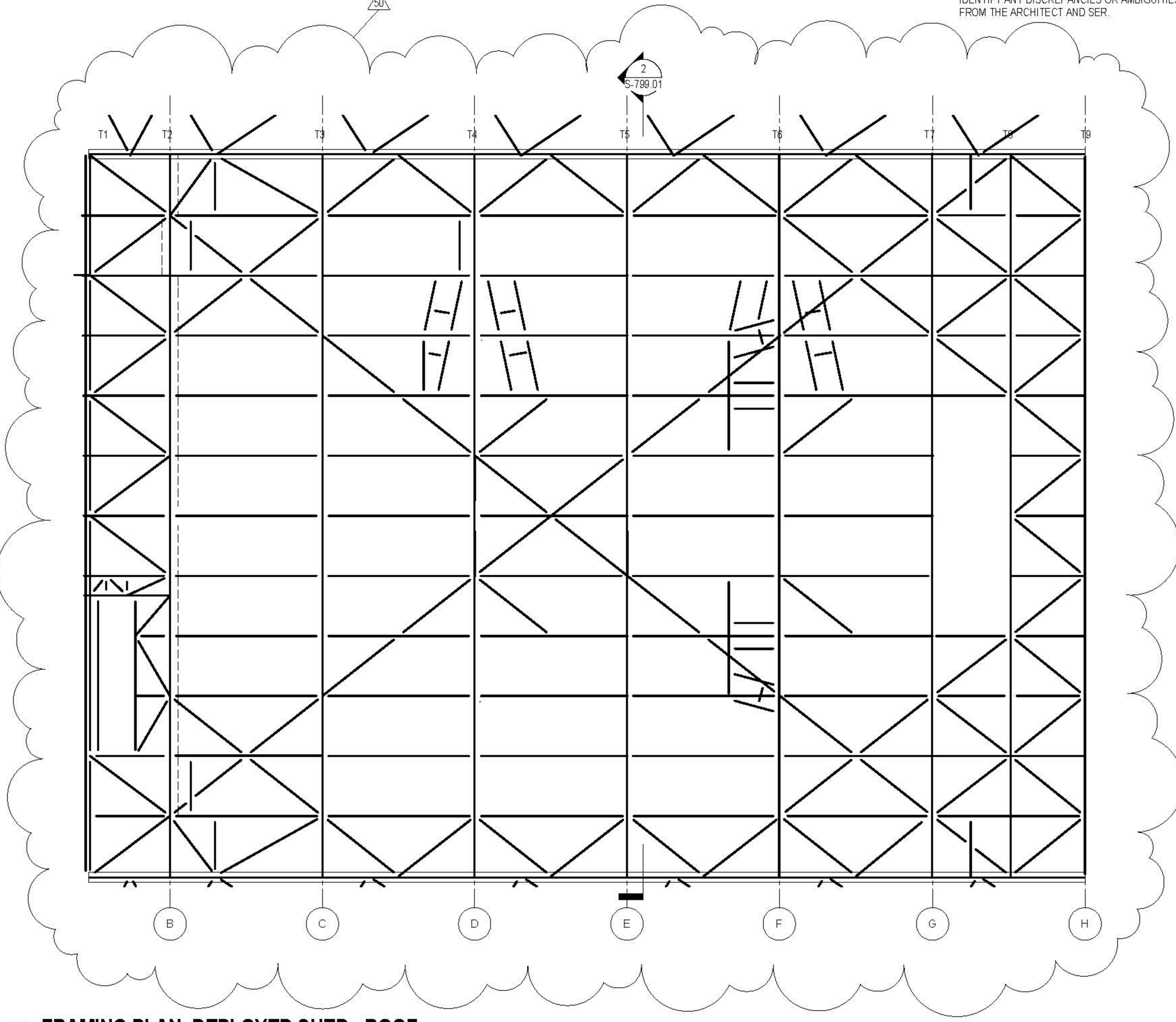
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1 EAST ELEVATION
3/32" = 1'-0"



3 FRAMING PLAN, DEPLOYED SHED - ROOF
3/32" = 1'-0"

JOINT	X	Y	Z
	in	in	in
E1 N	-1.5	0.2	-2.7
E1 S	-1.4	0.3	-2.7
E2 N	-1.7	0.2	-0.3
E2 S	-1.9	0.3	-0.2
E3 N	-1.9	0.4	-0.3
E3 S	-2.0	0.1	-0.2
E4 N	-1.6	0.2	-0.9
E4 S	-1.7	0.3	-0.9
E5 N	-0.4	0.7	-1.8
E5 S	-0.5	-0.2	-1.8
EP MD 8 N	-1.8	0.4	-0.1
EP MD 8 S	-1.9	0.1	-0.1
EP TOP N	0.1	0.2	-1.1
EP TOP S	0.1	0.3	-1.2
G EP N	-1.6	0.2	-0.1
G EP S	-1.7	0.3	-0.1
H1 N	-1.6	0.2	-1.4
H1 S	-1.5	0.3	-1.4
H2 N	-1.4	0.2	-3.6
H2 S	-1.3	0.3	-3.6
LOWER EP N	-0.5	0.1	0.0
LOWER EP S	-0.6	0.2	-0.1
N1	-1.3	0.3	-3.8
N2	-1.8	0.2	0.1
N3	-1.2	0.2	-0.6
UPPER EP 1 N	-2.2	0.3	0.1
UPPER EP 1 S	-2.2	0.2	0.0
UPPER EP 2 N	-1.3	0.6	-0.2
UPPER EP 2 S	-1.4	-0.2	-0.2

4 EAST WALL DEFLECTIONS

DEFLECTIONS ARE PROVIDED BASED ON ASSUMED PERMANENT LOADS. PERMANENT DEFLECTIONS ARE PROVIDED TO ASSIST CONTRACTOR IN DETERMINING REQUIRED PRECAMBERS CONSISTENT WITH PROPOSED ERECTION STRATEGY IN ORDER TO ACHIEVE THE FINAL GEOMETRY PER THE ISSUED 3D MODEL AND IN ACCORDANCE WITH THE ALLOWABLE TOLERANCES DESCRIBED IN S-005 THROUGH S-010.

2 TRUSS 05
1/8" = 1'-0"



JOINT	X	Y	Z
	in	in	in
T1-1N	0.4	0.1	-2.3
T1-1S	0.3	0.1	-2.3
T1-2N	0.2	0.2	-2.0
T1-2S	0.2	0.1	-2.1
T1-3N	0.2	0.3	-1.6
T1-3S	0.1	0.2	-1.6
T2-1N	0.1	0.3	-2.4
T2-1S	0.1	0.2	-2.5
T2-2N	0.0	0.3	-2.1
T2-2S	0.0	0.2	-2.2
T2-3N	0.0	0.3	-1.6
T2-3S	0.0	0.2	-1.7
T3-1N	0.1	0.3	-2.5
T3-1S	0.1	0.2	-2.6
T3-2N	0.0	0.3	-2.2
T3-2S	0.0	0.2	-2.2
T3-3N	0.0	0.3	-1.6
T3-3S	0.0	0.1	-1.7
T4-1N	0.0	0.3	-3.2
T4-1S	0.0	0.2	-3.3
T4-2N	0.0	0.4	-2.9
T4-2S	0.0	0.1	-2.9
T4-3N	0.0	0.4	-2.2
T4-3S	0.0	0.1	-2.2
T5-1N	0.0	0.3	-3.4
T5-1S	0.0	0.2	-3.4
T5-2N	0.0	0.4	-3.0
T5-2S	0.0	0.1	-3.1
T5-3N	0.0	0.4	-2.3
T5-3S	0.0	0.1	-2.4

JOINT	X	Y	Z
	in	in	in
T6-1N	0.0	0.3	-3.4
T6-1S	0.0	0.2	-3.4
T6-2N	0.0	0.3	-2.9
T6-2S	0.0	0.2	-3.0
T6-3N	0.1	0.4	-2.2
T6-3S	0.0	0.1	-2.3
T7-1N	-0.2	0.3	-3.3
T7-1S	-0.2	0.2	-3.4
T7-2N	-0.1	0.3	-2.8
T7-2S	-0.1	0.2	-2.8
T7-3N	0.1	0.4	-1.8
T7-3S	0.1	0.1	-1.9
T8-1N	0.8	0.3	-2.6
T8-1S	0.8	0.2	-2.7
T8-2N	0.3	0.4	-2.3
T8-2S	0.3	0.1	-2.4
T8-3N	0.2	0.4	-1.7
T8-3S	0.2	0.1	-1.8
T9-1N	0.8	0.3	-2.6
T9-1S	0.8	0.2	-2.6
T9-2N	0.3	0.3	-2.2
T9-2S	0.3	0.2	-2.2
T9-3N	0.1	0.4	-1.5
T9-3S	0.1	0.1	-1.6

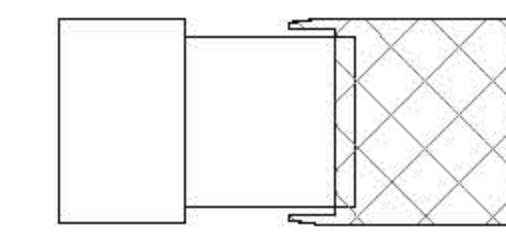
5 TRUSS DEFLECTIONS



DEFLECTIONS ARE UPDATED BASED ON THE ADDITION OF HORIZONTAL CABLES AT 30'. NO OTHER VE ITEM HAS BEEN INCLUDED.

PENDING COORDINATION DURING DESIGN ASSIST.

KEY PLAN



ISSUE PRINTING DATE

ISSUE	DESCRIPTION	DATE
03	DOB AMENDMENT 7	03/29/2016
04	DOB AMENDMENT 6	04/09/2016
21	CONSTRUCTION SET	10/28/2015
10	4 100% CONSTRUCTION DOCUMENTS	03/18/2015
9	90% CONSTRUCTION DOCUMENTS	02/16/2015
6	PRELIMINARY DOB SUBMISSION	12/16/2014
1	ADVANCED PROCUREMENT BID SET	06/16/2014



DRAWN BY: Audrey
CHECKED BY: Chris

PROJECT NUMBER: N11318.00

TITLE: DEPLOYED SHED-DEAD LOAD DEFLECTIONS II

DRAWING NO.: 8-799.01

B.SCAN NO.: S-799.01

CULTURE SHED
545 West 30th Street
New York, New York 10001

OWNER: CULTURE SHED INC
ARCHITECTS: Dilber Scudetto + Ranfro Architects, PC
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F: 917.861.7801

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1001 Broadway
New York, New York 10036
T: 212.844.1150
F: 212.267.0297

LIGHTING DESIGNER: Tiltcon Design Associates
40 West Street #1602
New York, New York 10013
T: 212.675.7780

THEATRE PLANNING & DESIGN: Fisher Dodge Associates
22 West 16th Street
New York, New York 10011
T: 212.661.3000

LIFE SAFETY: Code Consultants, Inc.
215 West 40th St, 10th Fl
New York, New York 10018
T: 212.216.8586

ENERGY MODELLED: Veridian
50 Washington Street
Norwalk, CT 06854
T: 203.299.1411

ACOUSTICAL/AUDIO-VISUAL: Alvarillo
93 North Main Street
South Norwalk, CT 06854
T: 947.210.5540

VERTICAL TRANSPORTATION: Van Dusen & Associates
5 Rupert Street, Suite 504
Lithgow, NJ 07039
T: 973.994.8220

SPECIFICATIONS: Construction Specifications Inc.
PO Box 488
22 Tenney Road
Morristown, NJ 07951
T: 732.870.0700
F: 732.870.0700

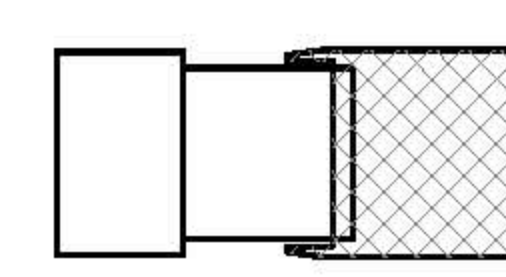
SECURITY: Duckelle Venter & Santoro
1020 Sherman Avenue
Hamden, CT 06514
T: 203.288.8480

WATERPROOFING: James R. Gelfort AIA Consulting Architects PC
154 West 27th Street
New York, NY 10001
T: 212.736.3344

FACADE MAINTENANCE: Smith Engineering PLLC
160 Arden Street
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BRANDING/GRAPHICS: 204 Global Design Consultancy
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New York, NY 10014
T: 212.647.1170

KEY PLAN



REVISIONS: PRINTING DATE

NO.	DESCRIPTION	DATE
01	50 AMBROSEMENT 7	08.18.2018
10	100% CONSTRUCTION DOCUMENTS	02.18.2019
9	90% CONSTRUCTION DOCUMENTS	02.18.2019
8	PRELIMINARY OBS SUBMISSION	12.10.2014
1	ADVANCED PROCUREMENT BID SET	08.18.2014

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STAMP



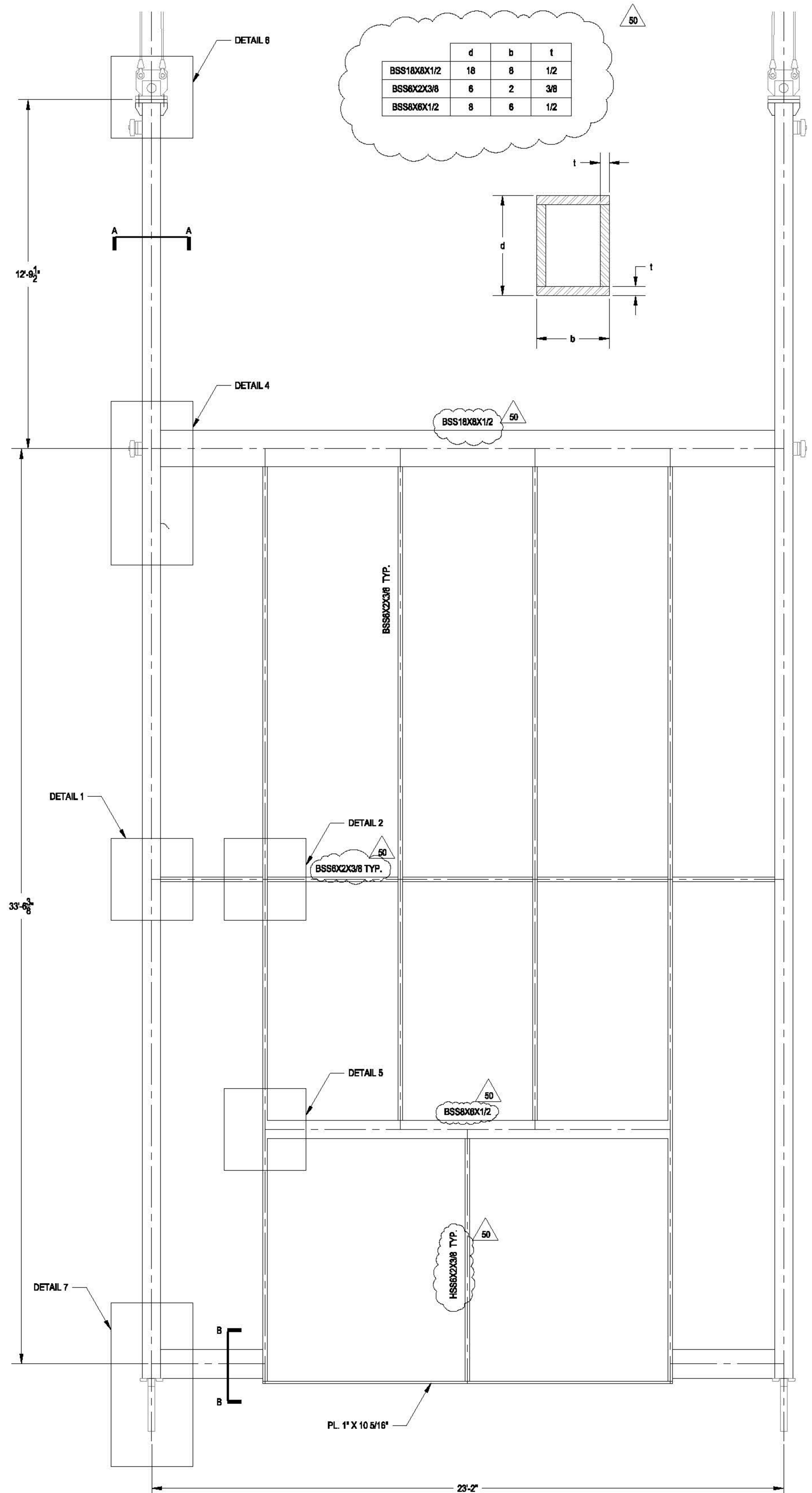
DRAWN BY: MG
CHECKED BY: SL
PROJECT NUMBER: N11318.00

TITLE: DEPLOYED SHED NORTH AND SOUTH DOORS - FRAMING

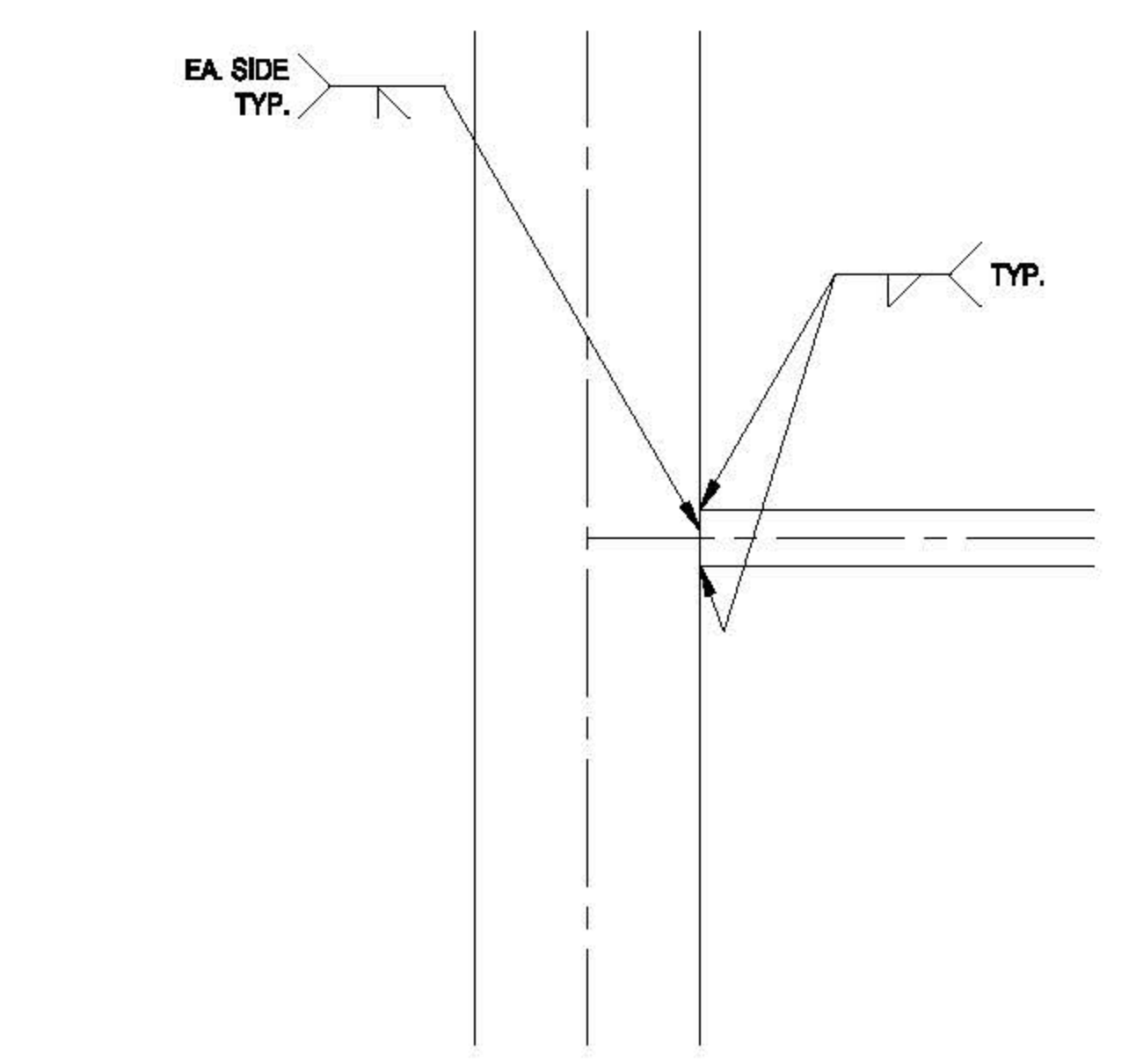
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S-604N NO.

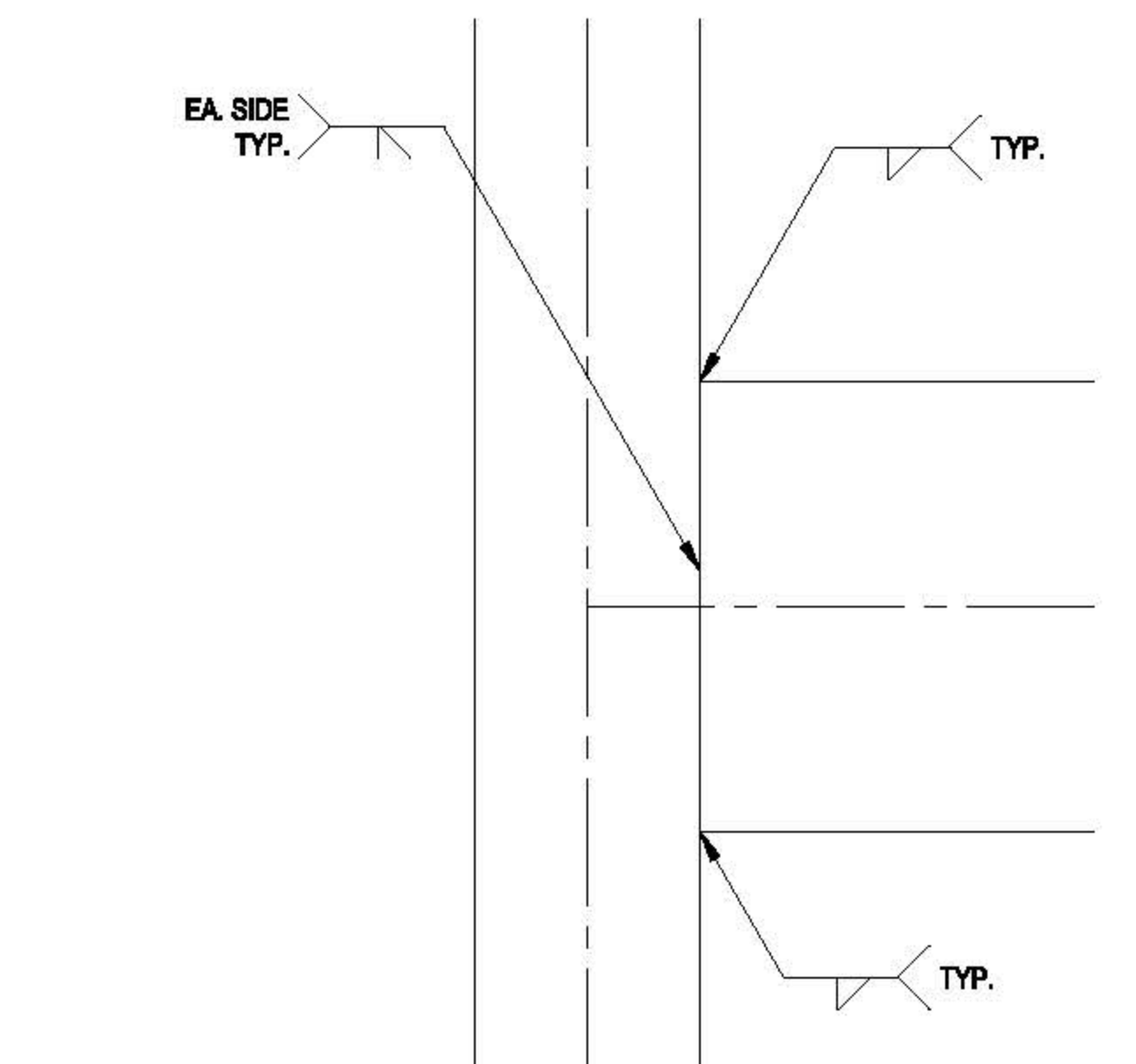
S-802.01



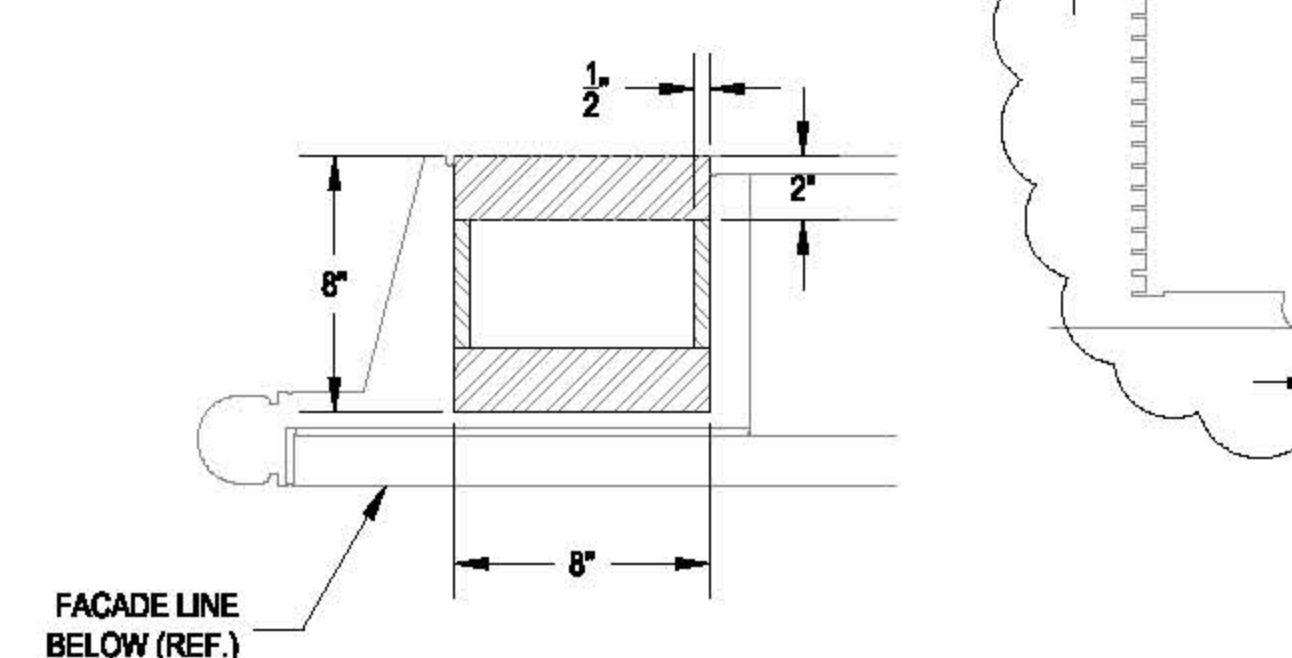
1 OPERABLE WALL PANEL 1S
1/2" = 1'-0"



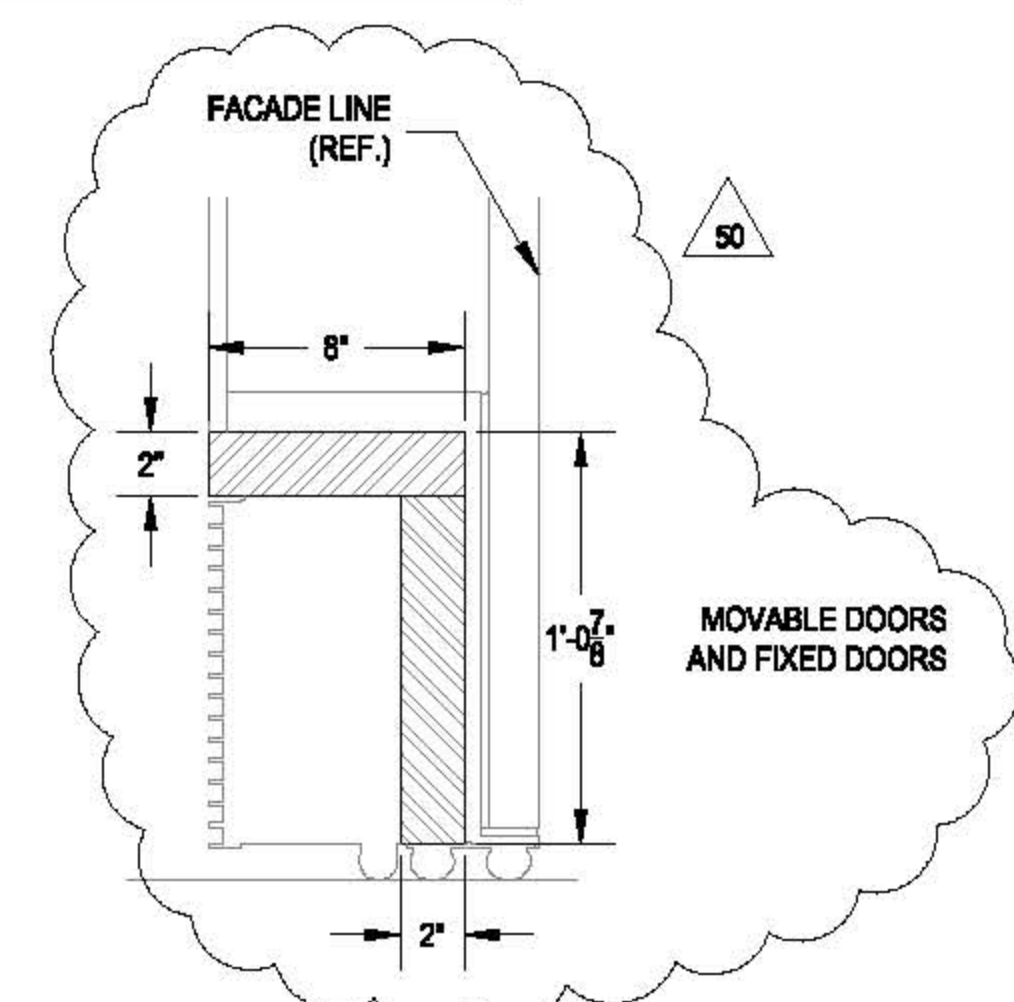
2 DETAIL 1
1" = 1'-0"



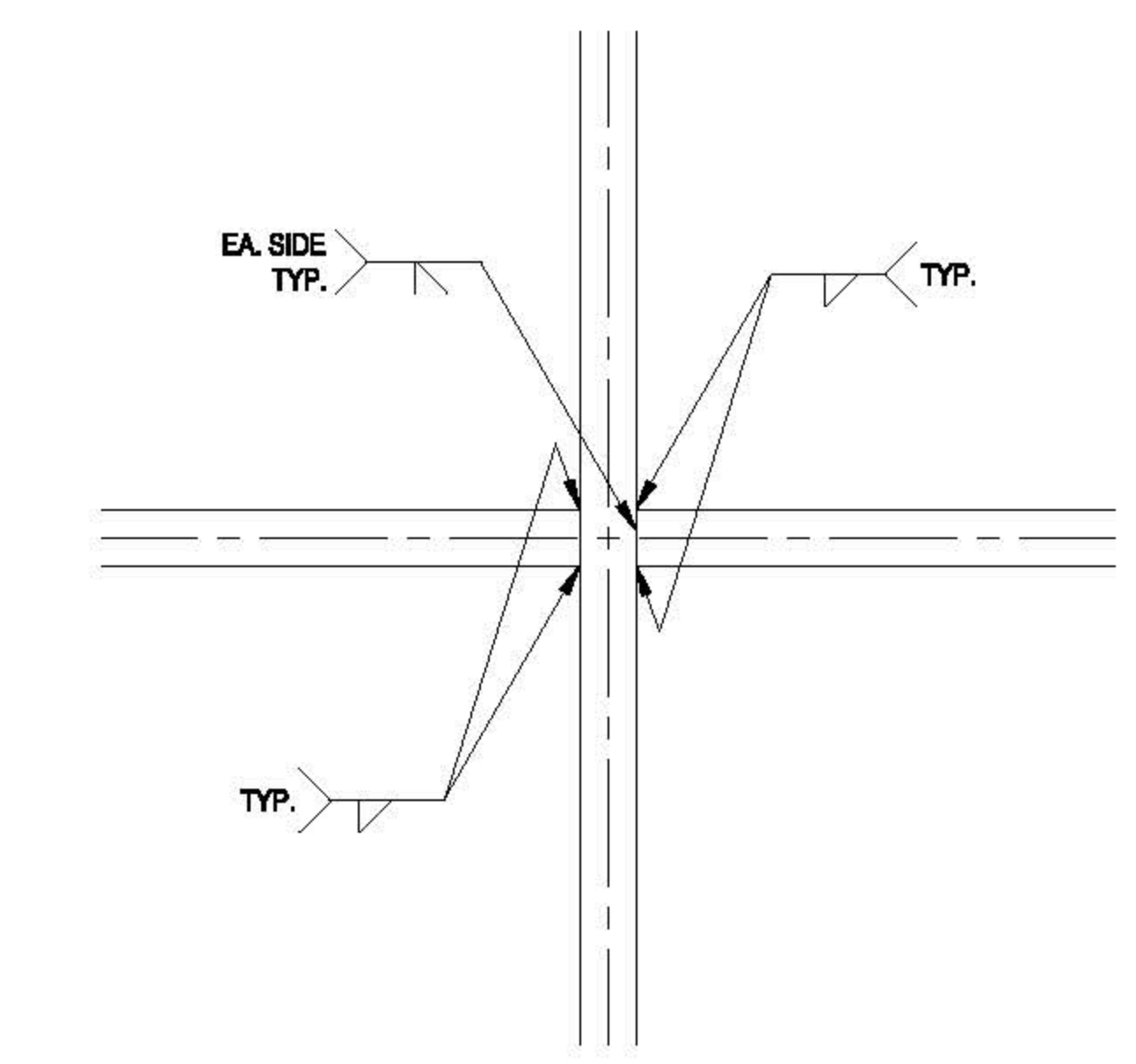
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1" = 1'-0"



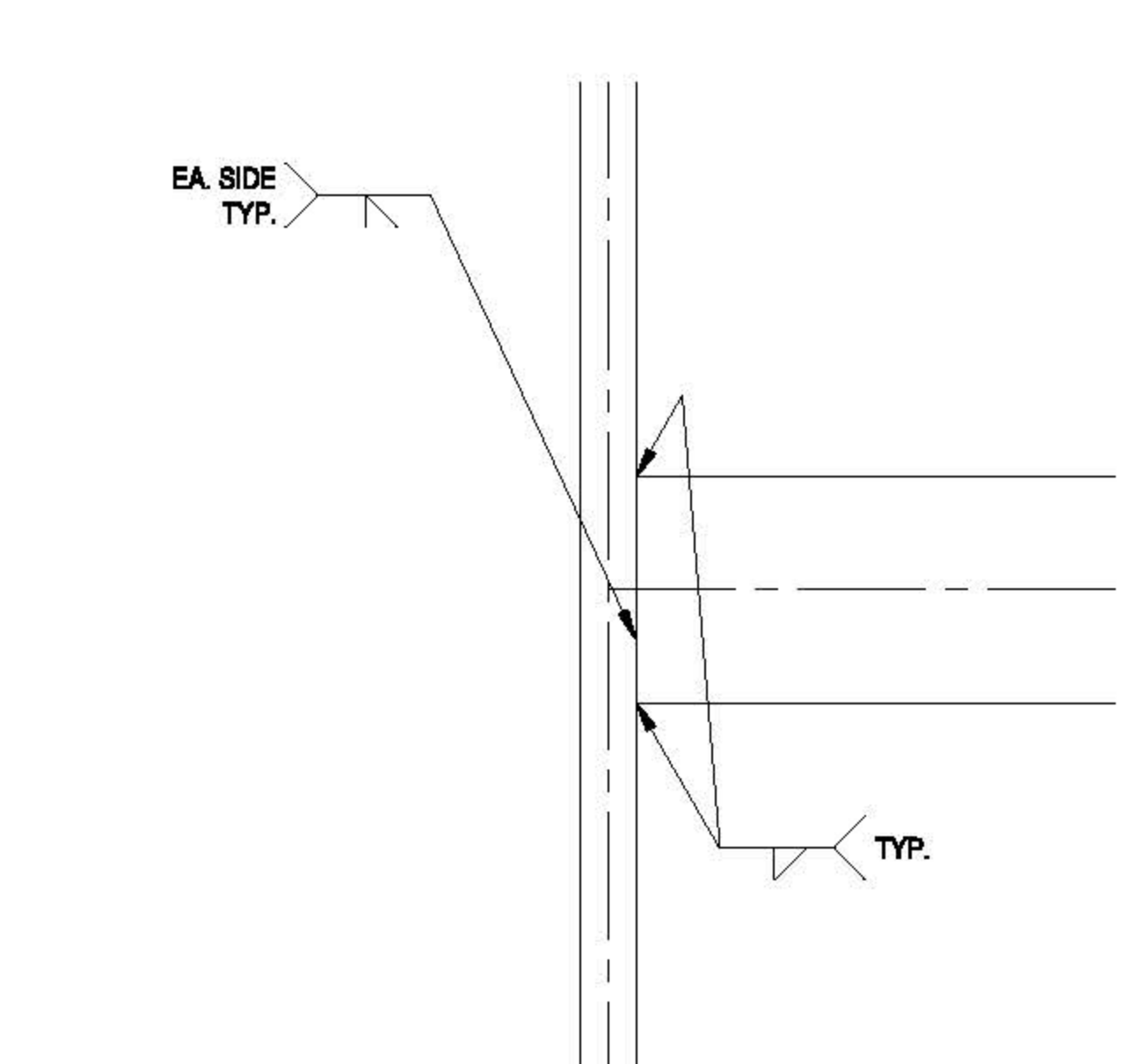
8 SECTION A-A
1" = 1'-0"



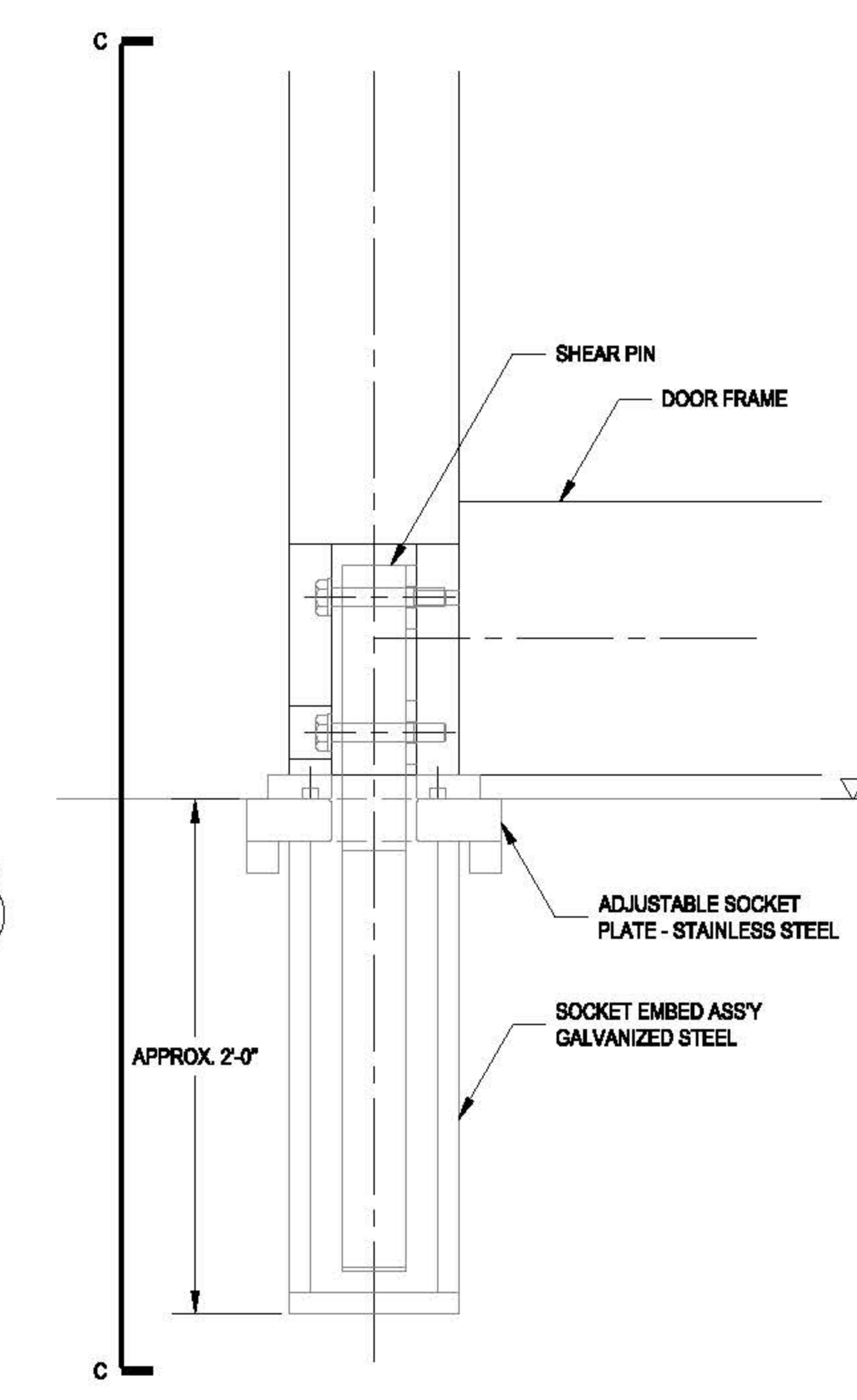
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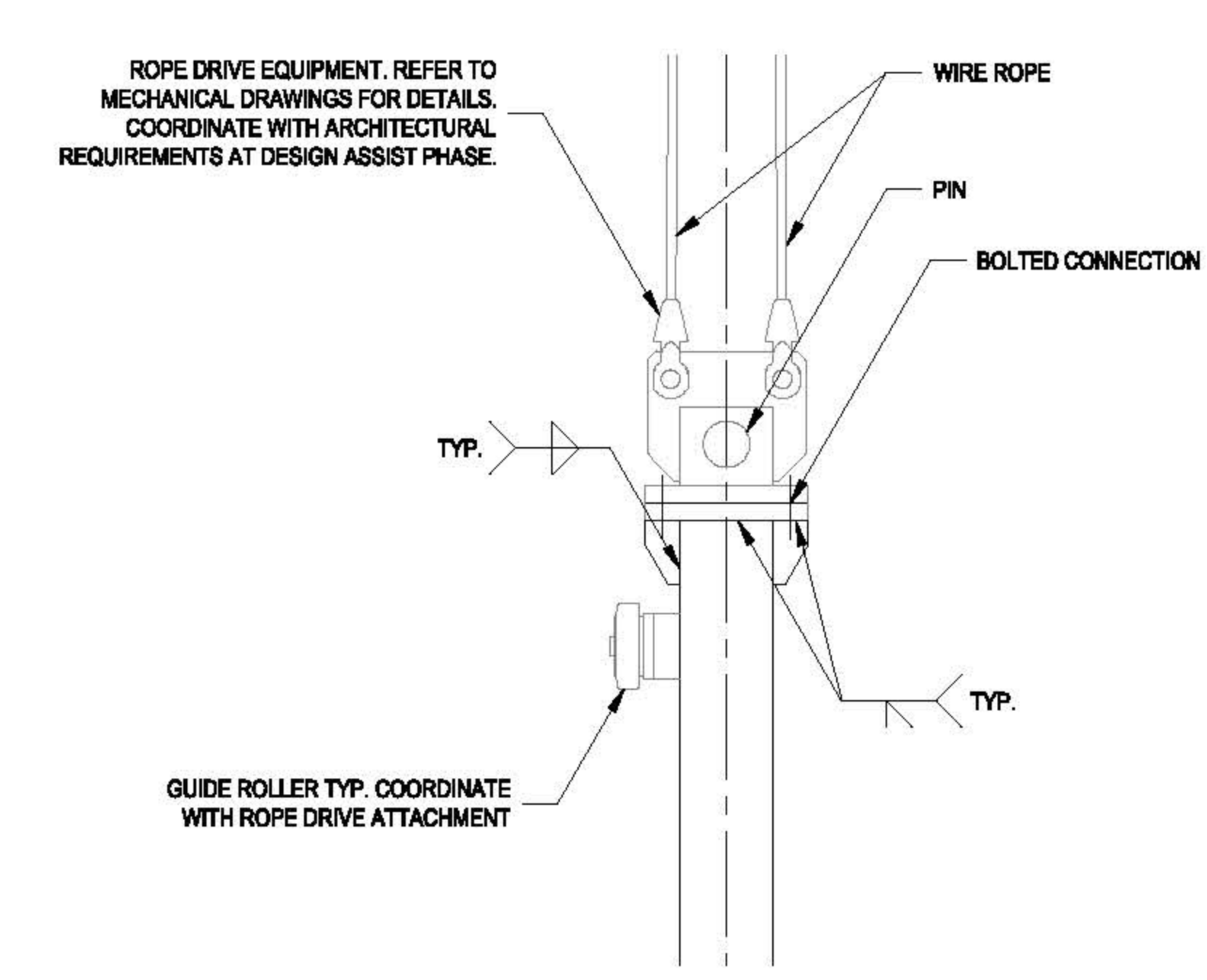
3 DETAIL 2
1" = 1'-0"



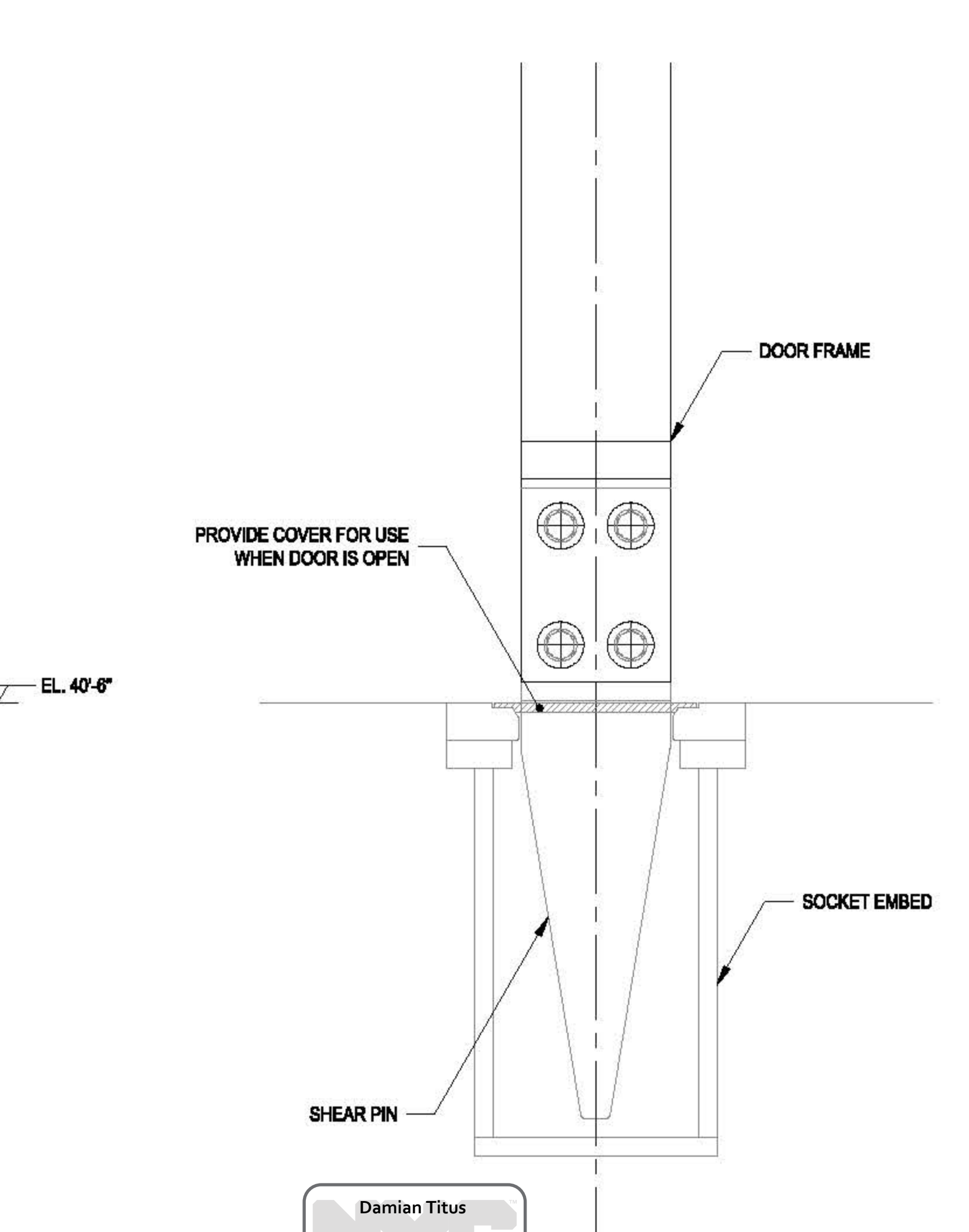
6 DETAIL 5
1" = 1'-0"



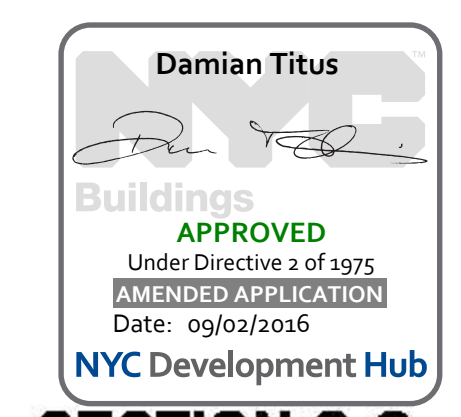
9 DETAIL 7
1" = 1'-0"



7 DETAIL 6
1" = 1'-0"



11 SECTION C-C
1" = 1'-0"



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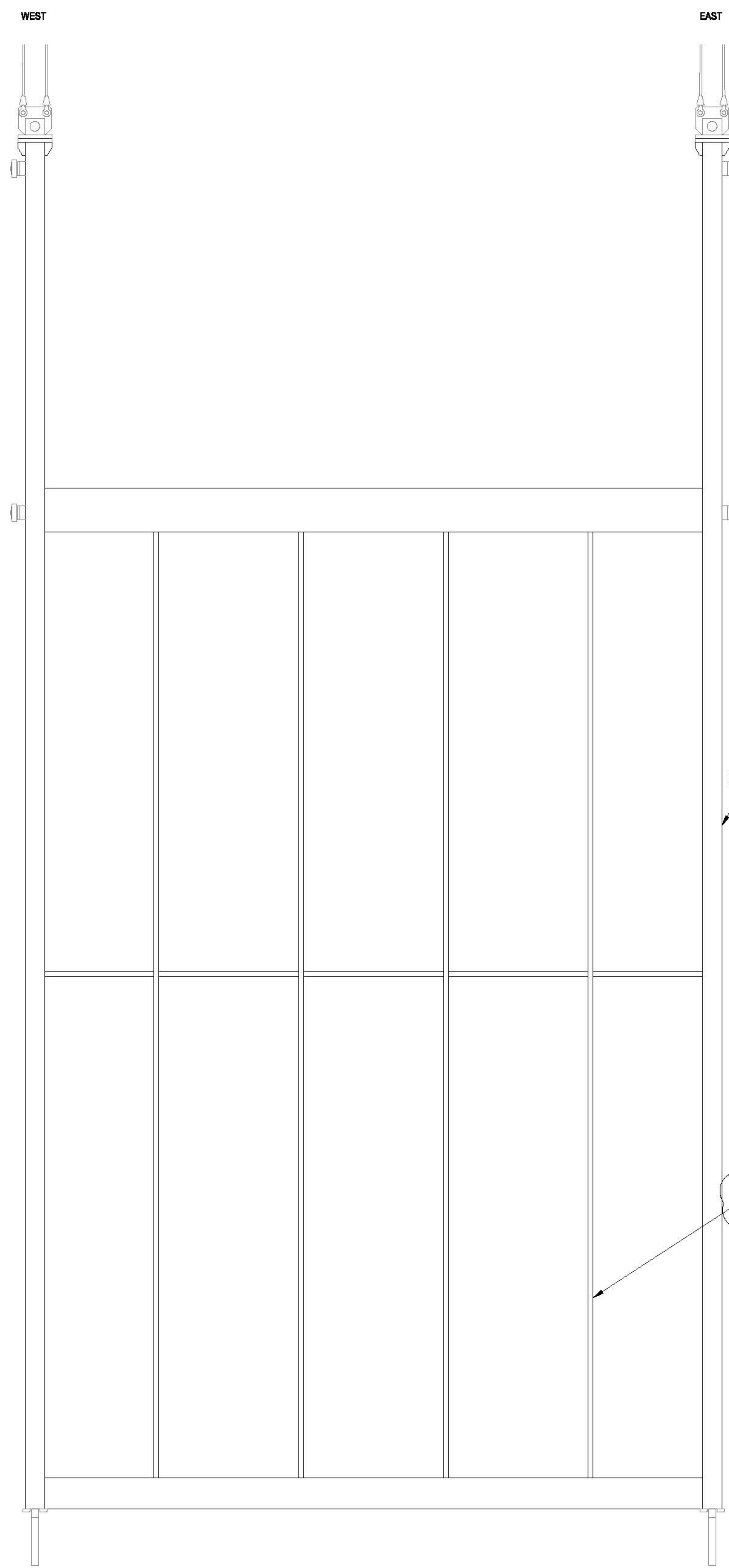
MEP ENGINEER
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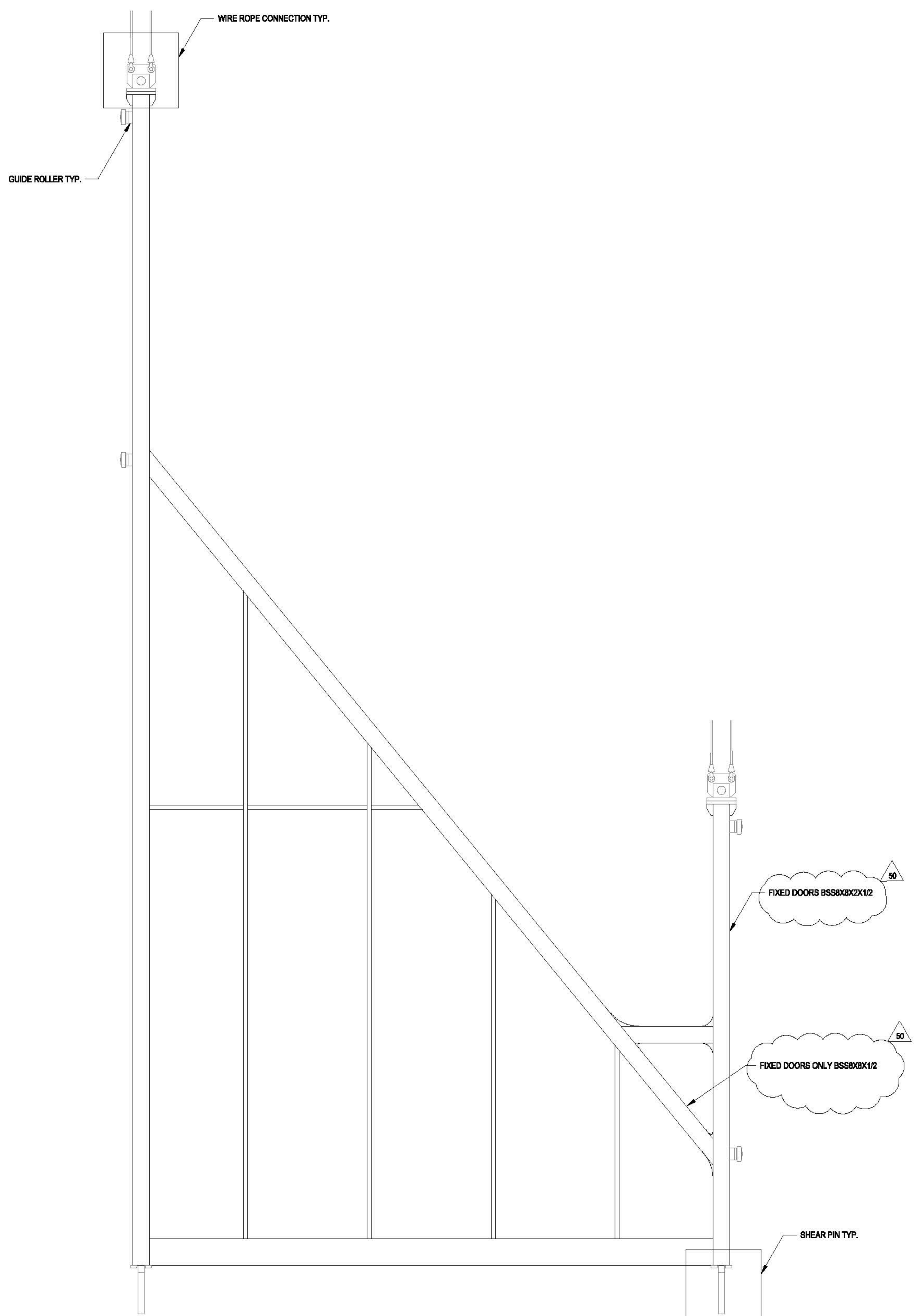
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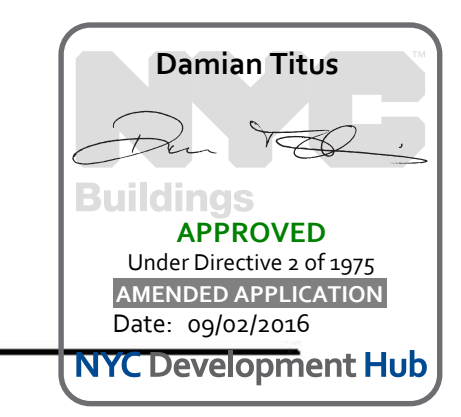


1 OPERABLE WALL PANEL 1N
 1/2" = 1'-0"

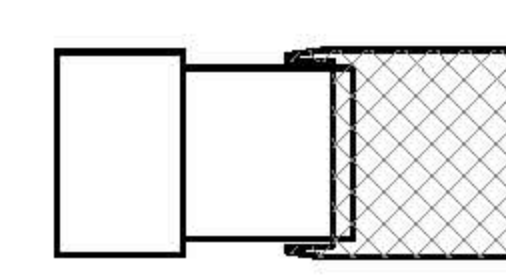


1 OPERABLE WALL PANEL 4S
 1/2" = 1'-0"

REFER TO DRAWING S-802.00 FOR DETAILS



KEY PLAN



ISSUE PRINTING DATE

ISSUE	PRINTING	DATE
01	00	DOR AMENDMENT 7 08.19.2018
10	00	100% CONSTRUCTION DOCUMENTS 03.18.2015
9	00	90% CONSTRUCTION DOCUMENTS 02.18.2015
8	00	PRELIMINARY DGS SUBMISSION 11.18.2014
1	00	ADVANCED PROCUREMENT BID SET 08.18.2014

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NOT FOR CONSTRUCTION



DRAWN BY: MG
 CHECKED BY: SL
 PROJECT NUMBER: N11318.00

TITLE: DEPLOYED SHED NORTH AND SOUTH DOORS - DETAILS

DRAWING NO. S-803.01

S-803AN NO.

S-803.01

117 of 123

PENDING COORDINATION DURING DESIGN ASSIST

CULTURE SHED
545 West 30th Street
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OWNER: CULTURE SHED INC
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F: 917.861.7801

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Norwalk, CT 06854
T: 203.295.1411

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T: 947.210.5540

VERTICAL TRANSPORTATION: Van Dusen & Associates
5 Rupert Street, Suite 504
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T: 973.984.8220

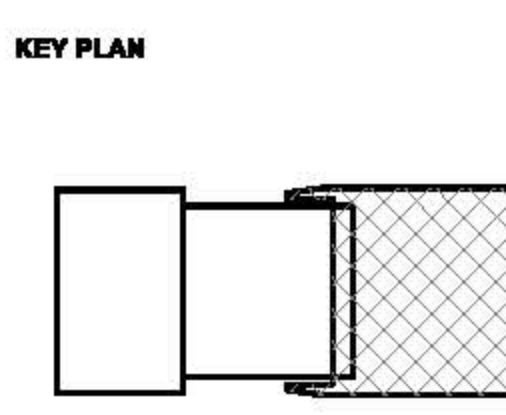
SPECIFICATIONS: Construction Specifications Inc.
PO Box 488
22 Tenney Road
Morristown, NJ 07951
T: 732.870.0700
F: 732.870.0700

SECURITY: Duckbill Venter & Santora
1020 Sherman Avenue
Hamden, CT 06514
T: 203.288.8480

WATERPROOFING: James R. Gaimfort AIA Consulting Architects PC
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FACADE MAINTENANCE: Smith Engineering PLLC
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BRANDING/GRAPHICS: 204 Global Design Consultancy
180 West Street, 15th Floor
New York, NY 10014
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REVISION	PRINTING	DATE	
01	02	DOR AMENDMENT 7	08.18.2014
10	100	CONSTRUCTION DOCUMENTS	03.18.2013
9	900	CONSTRUCTION DOCUMENTS	02.18.2013
8	800	PRELIMINARY DSB SUBMISSION	12.10.2014
1	1	ADVANCED PROCUREMENT BID SET	08.18.2014

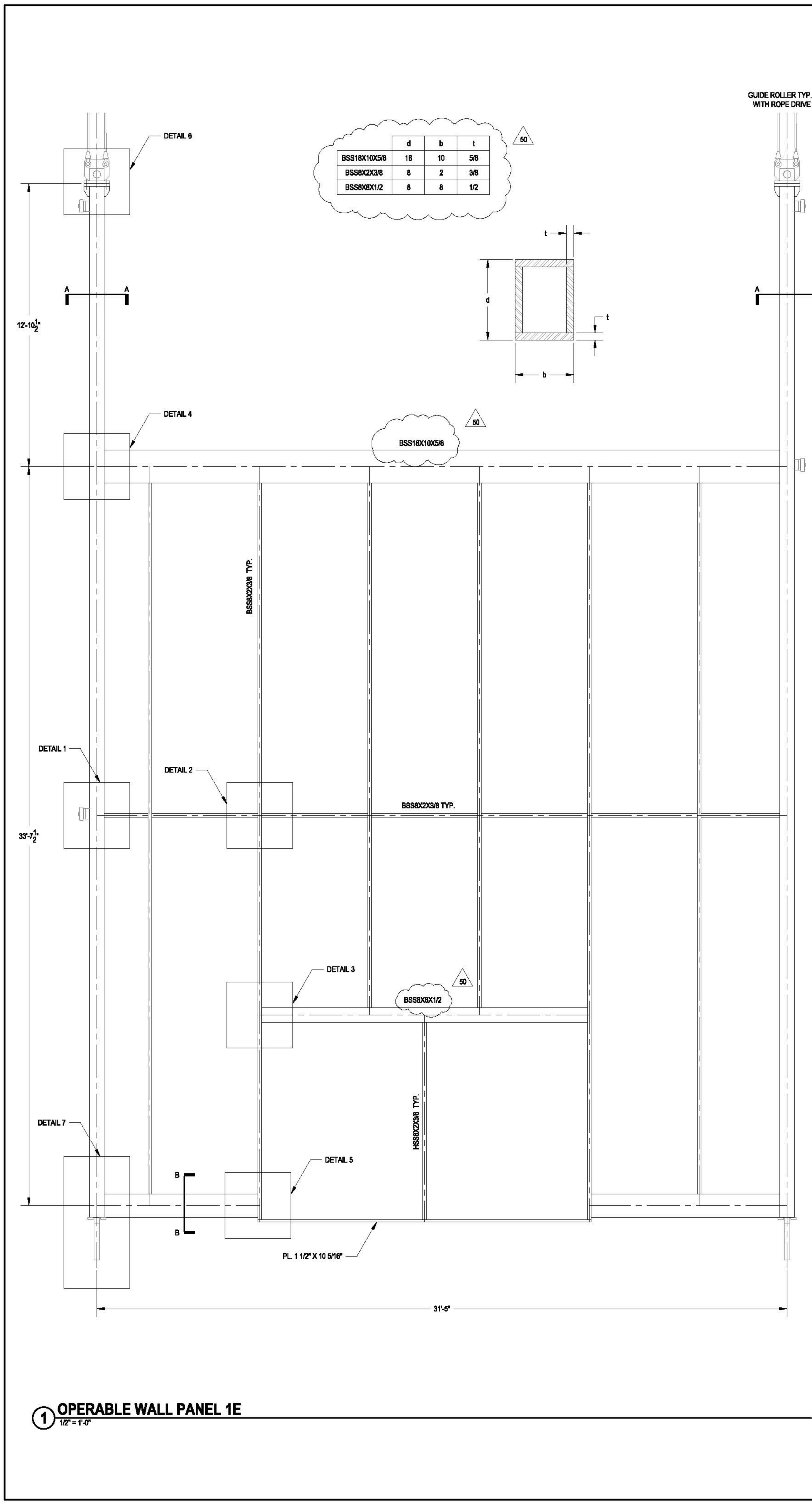
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STAMP

DRAWN BY: MG
CHECKED BY: SL
PROJECT NUMBER: N11318.00

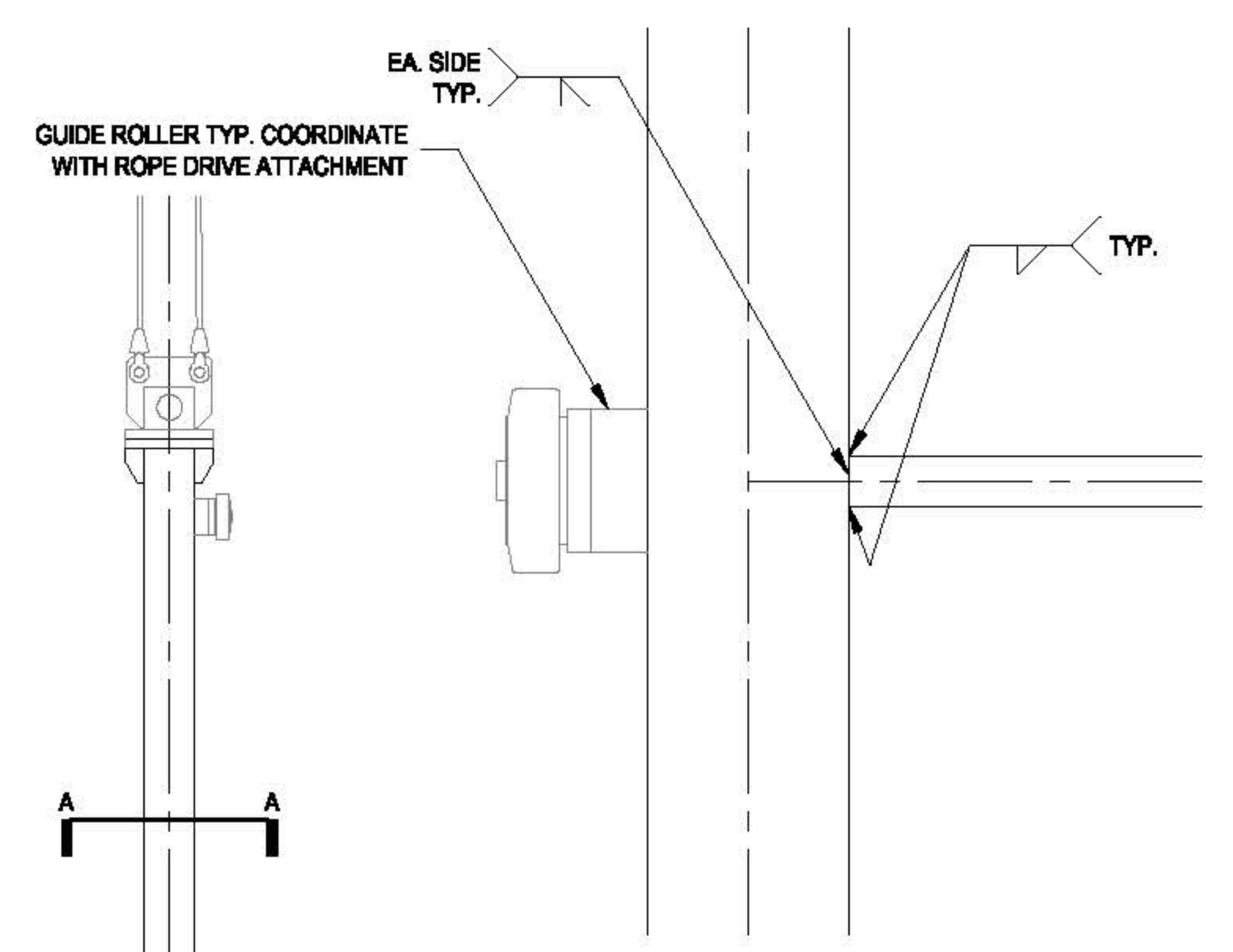
TITLE: DEPLOYED SHED EAST DOORS - FRAMING

DRAWING NO.: S-812.01
S-CAN NO.:

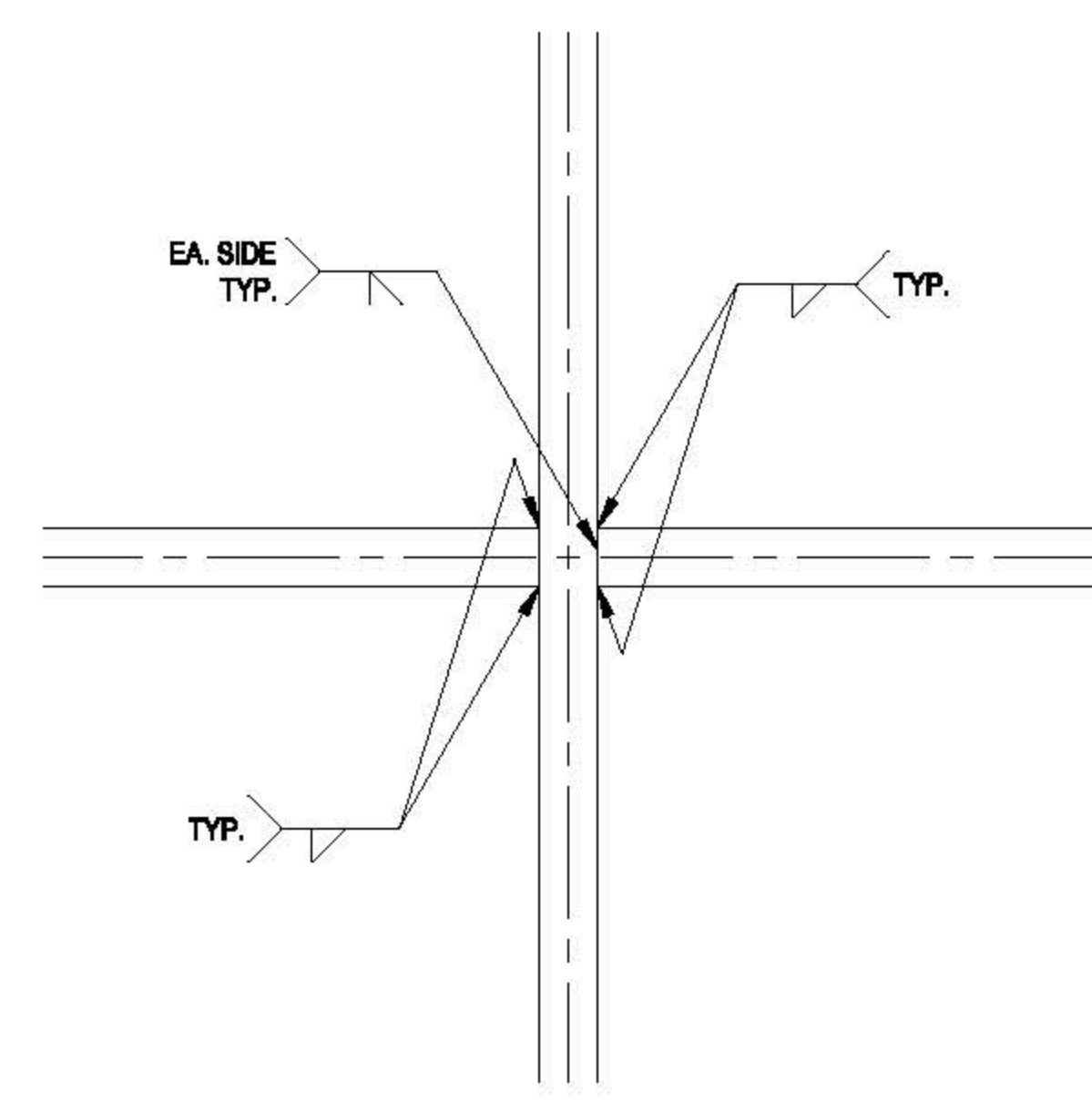
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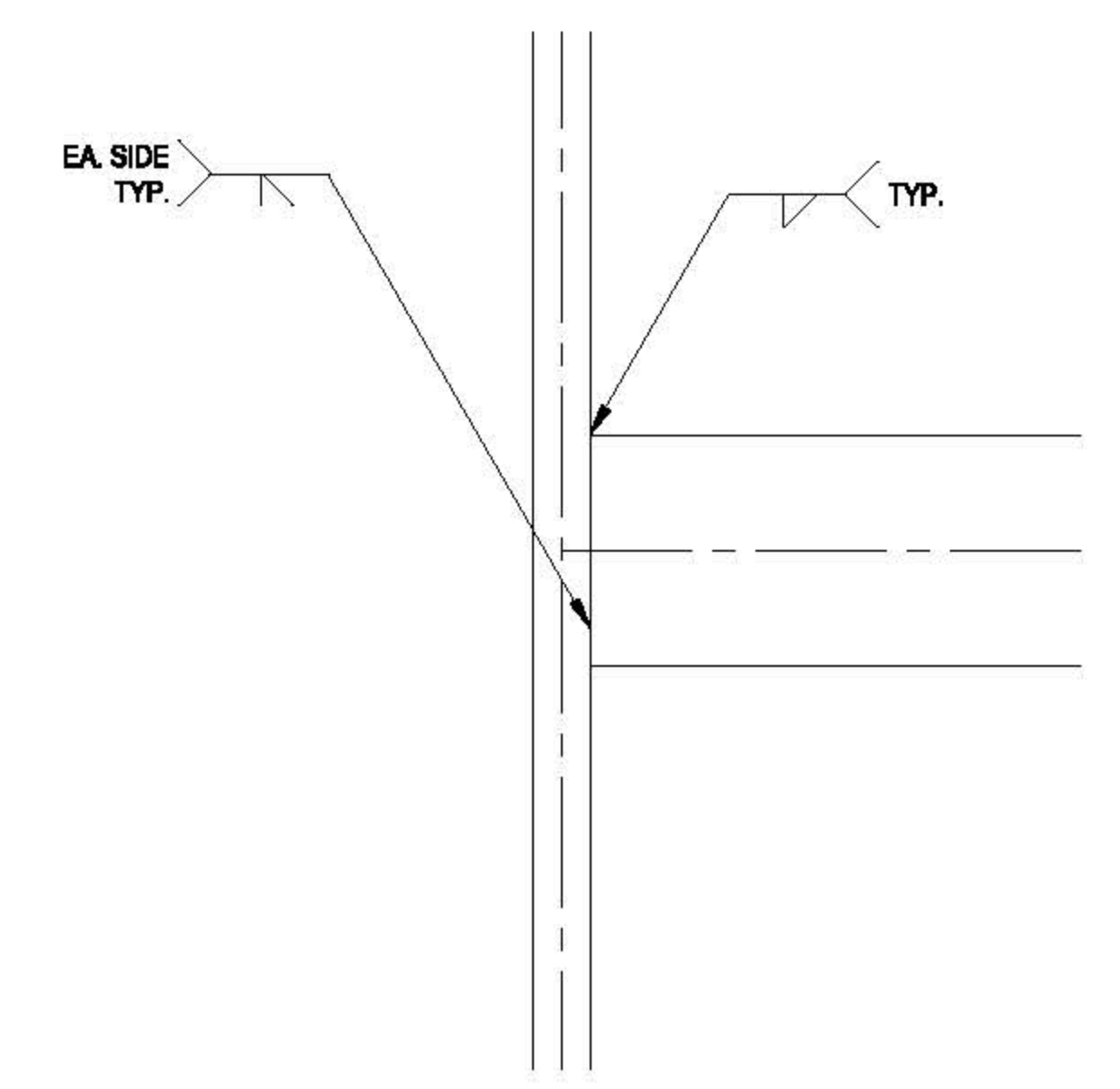
1 OPERABLE WALL PANEL 1E
1/2" = 1'-0"



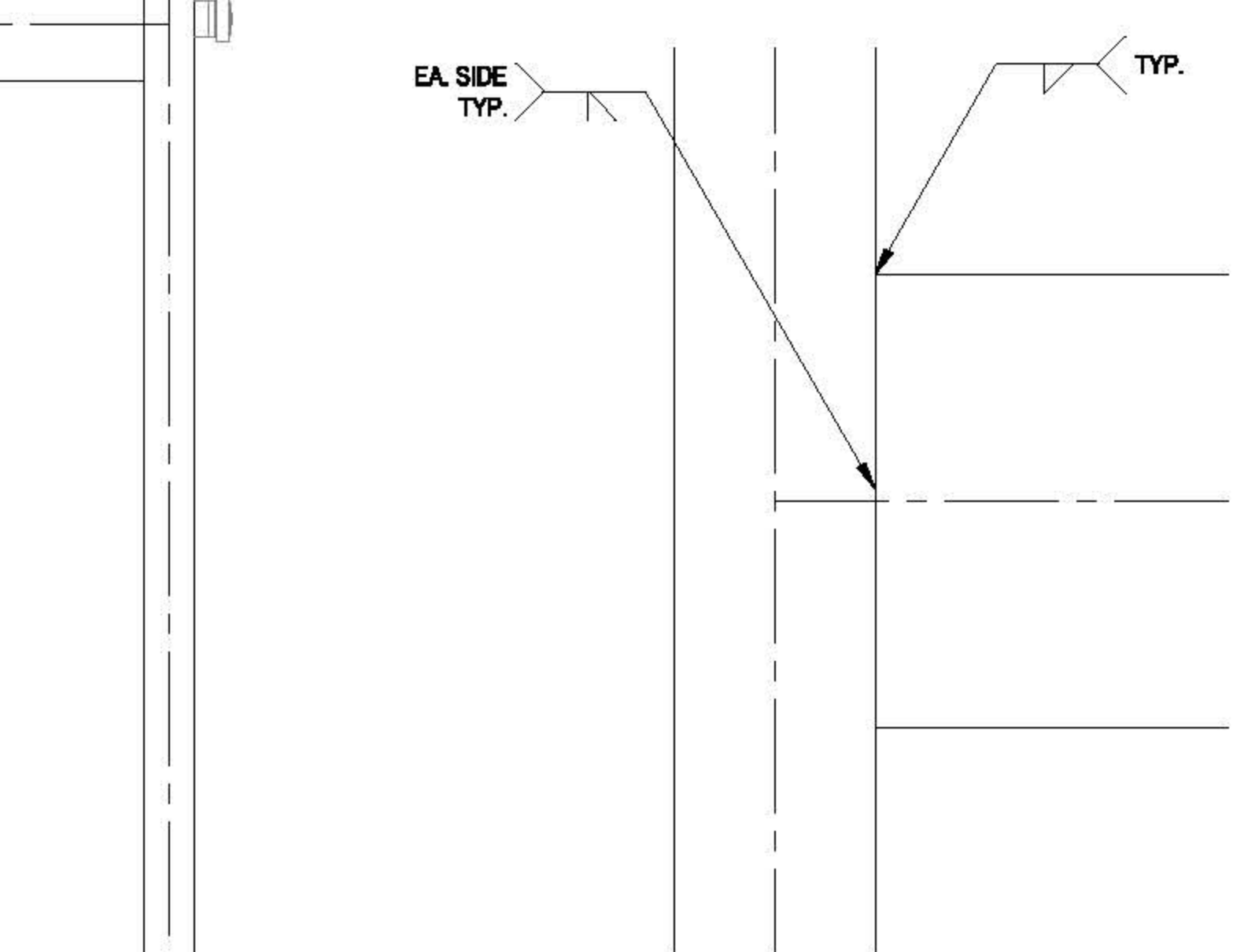
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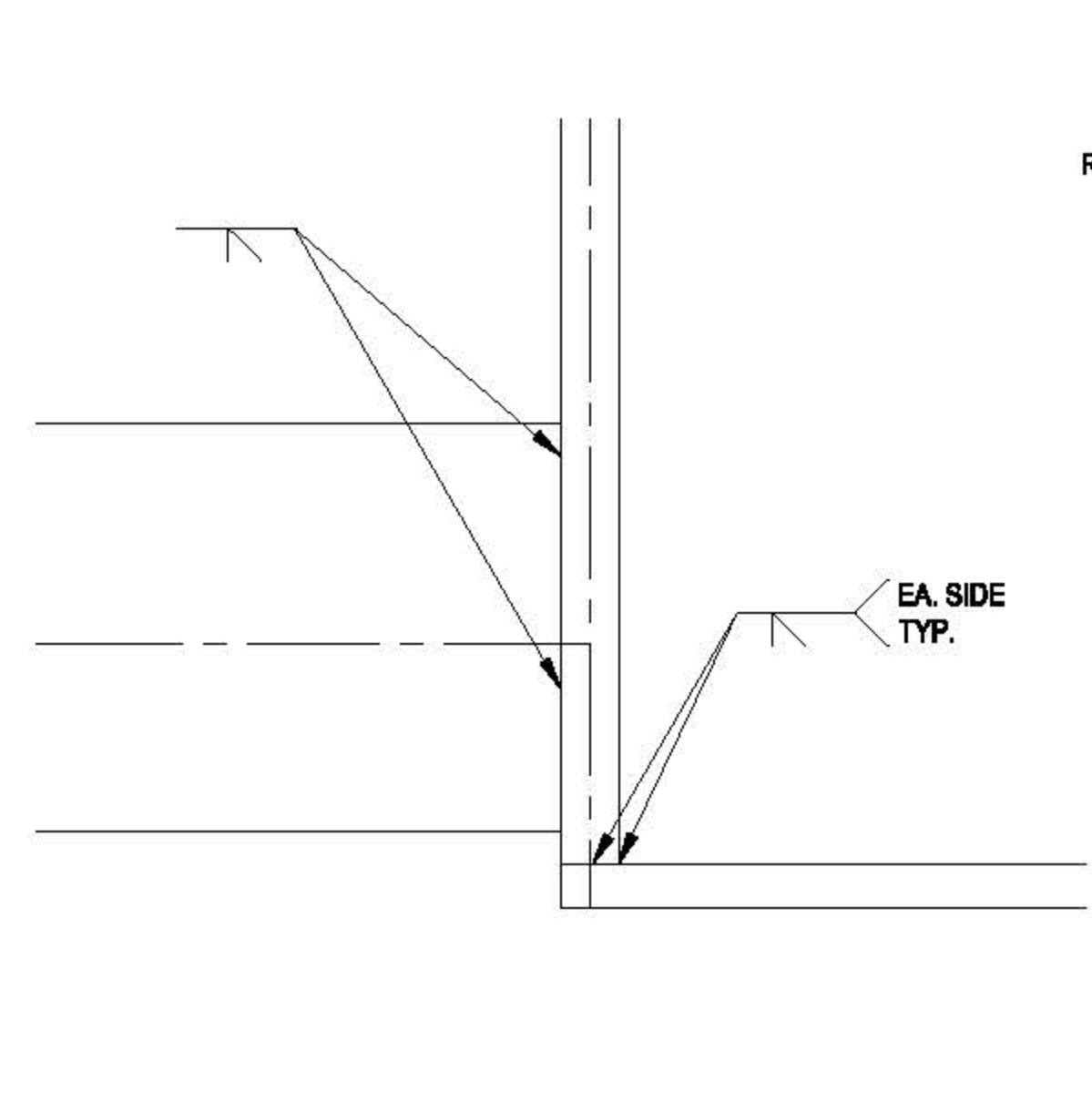
3 DETAIL 3
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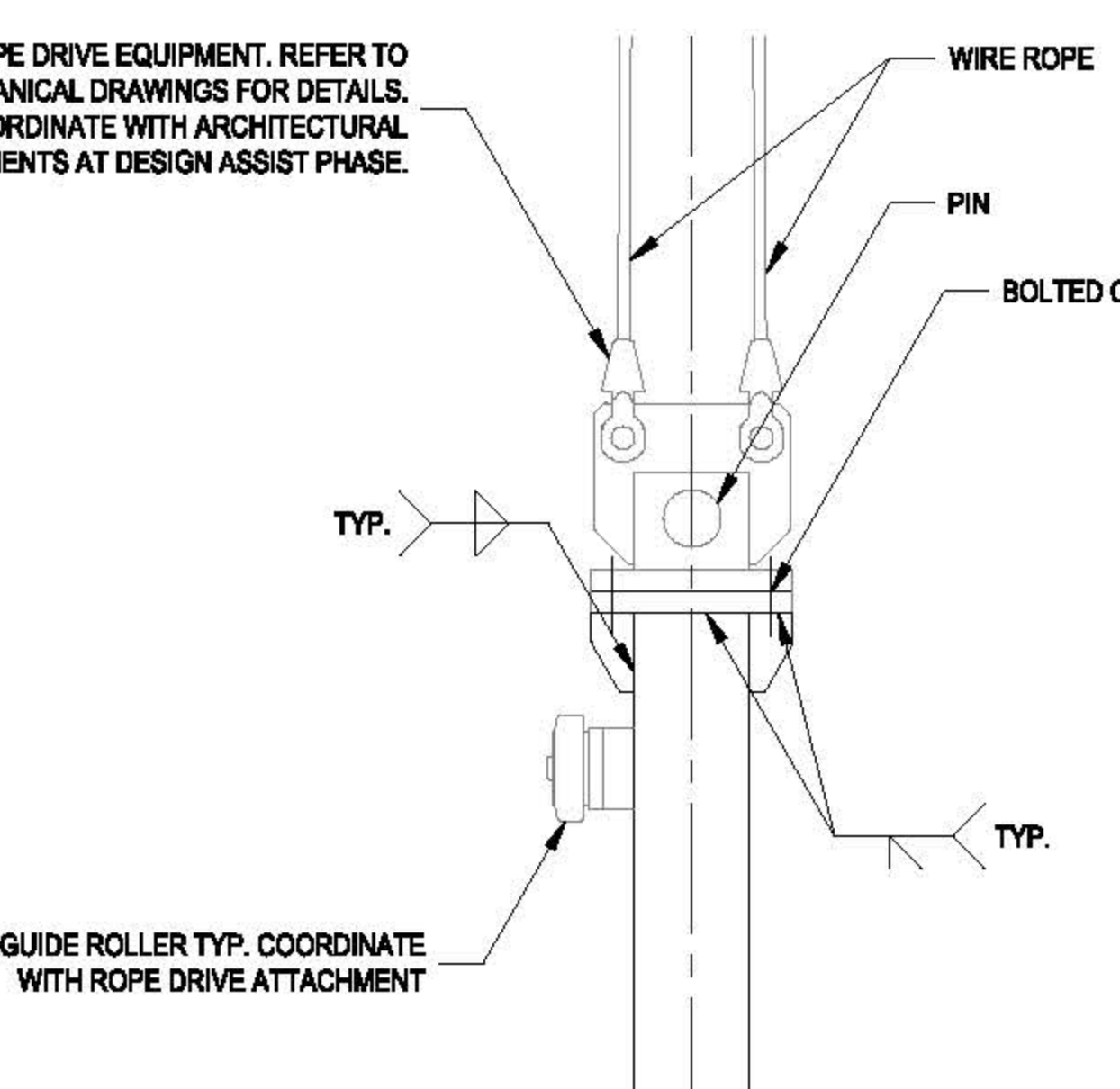
4 DETAIL 4
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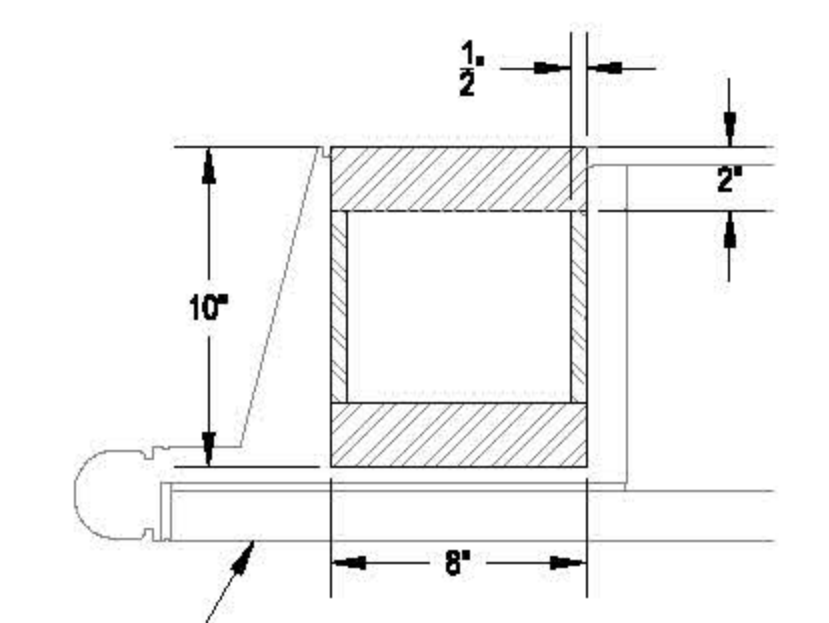
5 DETAIL 5
1" = 1'-0"



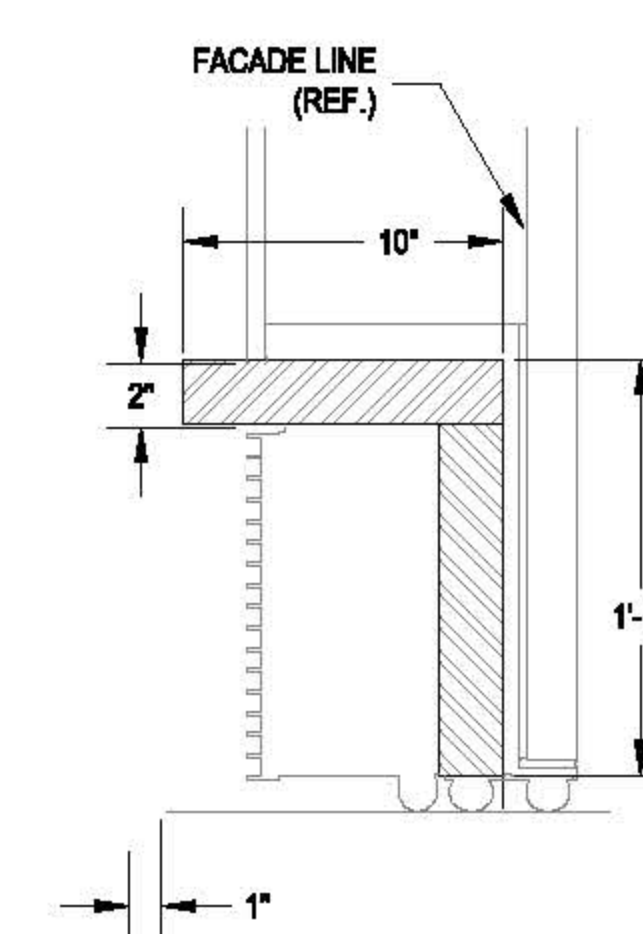
6 DETAIL 6
1" = 1'-0"



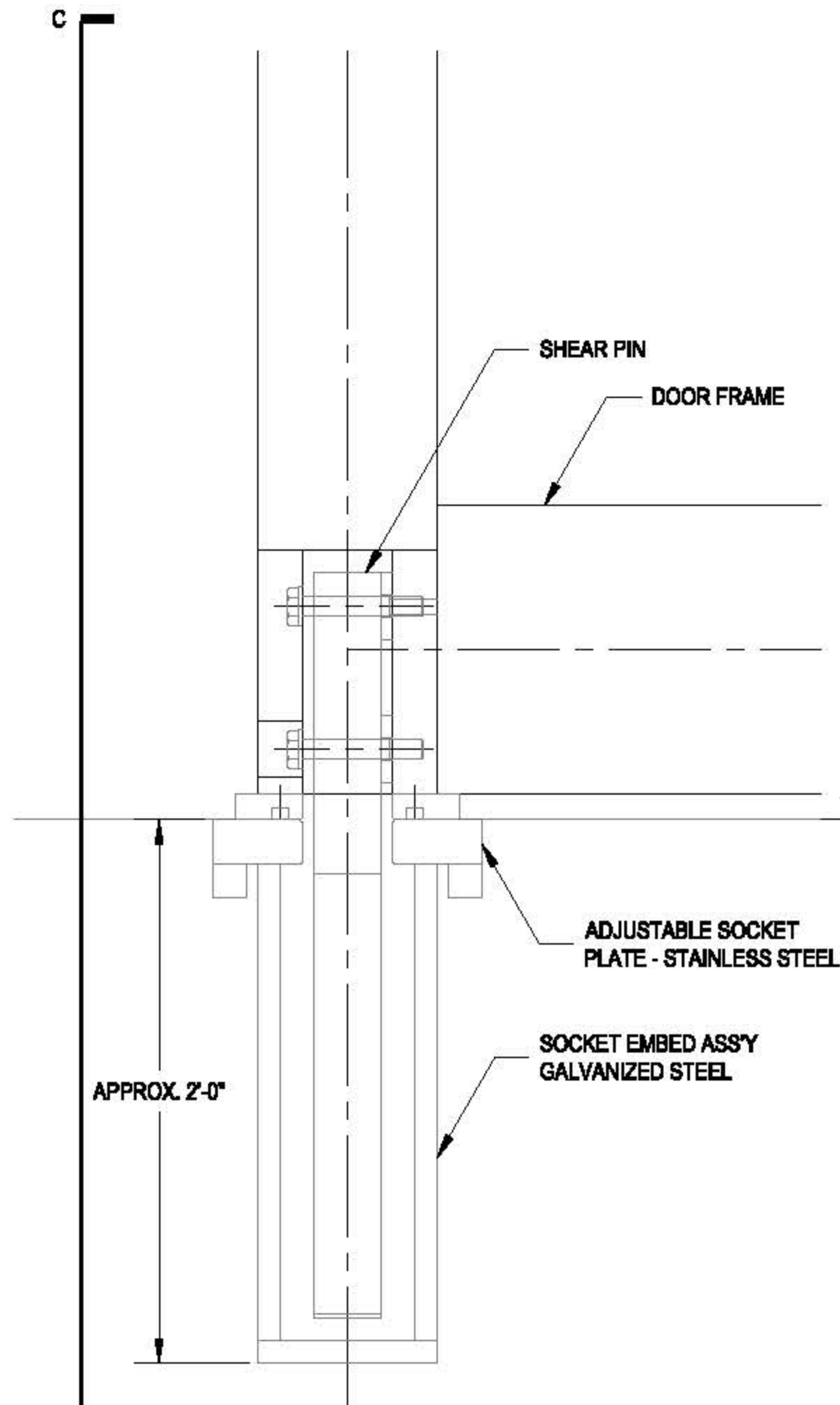
7 DETAIL 7
1" = 1'-0"



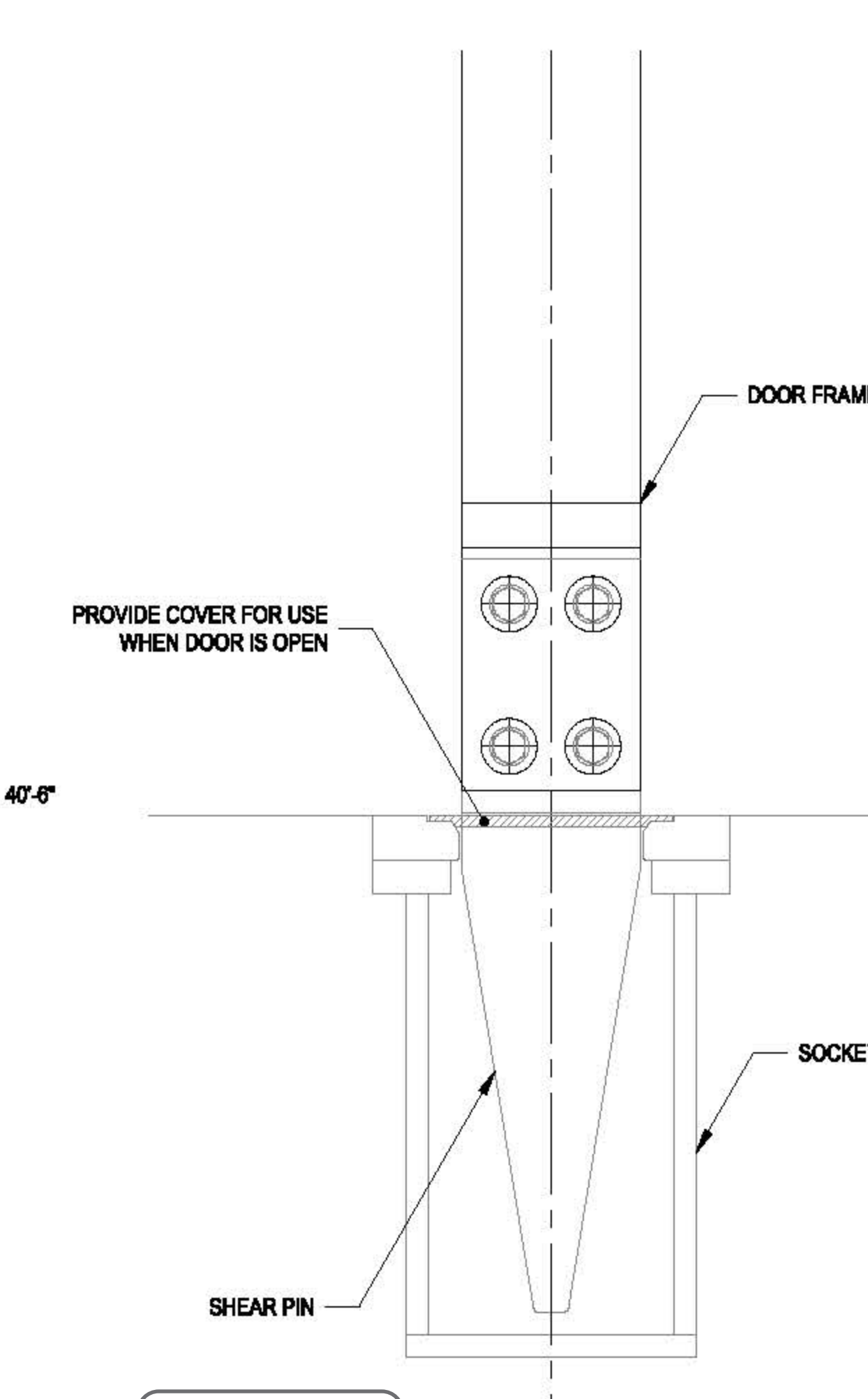
8 SECTION A-A
1" = 1'-0"



9 SECTION B-B
1" = 1'-0"



9 DETAIL 8
1" = 1'-0"



11 SECTION C-C
1" = 1'-0"

Damian Titus
Building Approved
Under Directive 1 of 1995
DATE: 08/18/2014
NYC Development Hub

CULTURE SHED

540 West 30th Street
New York, New York 10001
OWNER
CULTURE SHED INC.
ARCHITECTS
Olin Scaletto + Renfro Architects, DPC
601 West 30th Street #815
New York, New York 10001
T: 212.463.0334
F: 212.463.0335

rockwellgroup
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New York, New York 10003
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STRUCTURAL ENGINEER
Thornton Tomasetti
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New York, New York 10010
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MEP ENGINEER
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KINETICS ENGINEER
Hardisty & Hanover
1501 Broadway
New York, New York 10036
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F: 212.391.0297

LIGHTING DESIGNER
Tilston Design Associates
43 North Street #1650
New York, New York 10013
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THEATRE PLANNING & DESIGN
Fisher Dodge Associates
22 West 15th Street
New York, New York 10011
T: 212.691.3000

LIFE SAFETY
Code Consultants, Inc.
215 West 43rd St, 15th Flr
New York, New York 10018
T: 212.216.9596

ENERGY MODEL/LEED
Vindian
63 Washington Street
Norwalk, CT 06854
T: 203.298.1411

ACOUSTIC/AUDIO-VISUAL
Avenille
93 North Main Street
South Norwalk, CT 06854
T: 347.210.5540

VERTICAL TRANSPORTATION
Van Dusen & Associates
5 Regent Street, Suite 524
Livingston, NJ 07039
T: 973.994.9220

SPECIFICATIONS
Construction Specifications Inc.
PO Box 489
227 Tenth Road
Morganville, NJ 07751
T: 732.970.0700
F: 732.970.0750

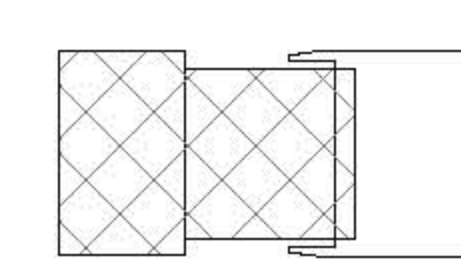
SECURITY
Duchella Venter & Santoro
1020 Sherman Avenue
Hartford, CT 06114
T: 203.286.6490

WATERPROOFING
James R. Gafford AIA Consulting Architects PC
104 West 27th Street
New York, NY 10001
T: 212.736.3344

FAÇADE MAINTENANCE
Erick Engineering PLLC
362 Ave. Street
New York, NY 10005
T: 212.698.3000

BRANDING/GRAPHICS
Zik Global Design Consultancy
180 York Street 15th Floor
New York, NY 10014
T: 212.647.1170

KEY PLAN



ISSUE	PRINTING	DATE
01	01B AMENDMENT 7	03.29.2014
02	ASB #01	02.12.2014
03	CONSTRUCTION SET	10.29.2013
04	ADV. PROOFREQUIREMENT ACCENDIM 1	04.30.2015
05	100% CONSTRUCTION DOCUMENTS	03.11.2015
06	90% CONSTRUCTION DOCUMENTS	02.18.2015
07	PRELIMINARY DISSEMINATION	12.30.2014
08	ADV. PROOFREQUIREMENT ACCENDIM 1	10.03.2014
09	ADVANCED PROOFREQUIREMENT BID SET	06.16.2014

STAMP



DRAWN BY
Autum
CHECKED BY
Damian Titus
PROJECT NUMBER
N11318.00

TITLE
FIXED BUILDING COLUMN SCHEDULE

DRAWING NO.
S-901.01

B.SCAN NO.
S-901.01

122 of 123

FLOOR	COL MARK	RCL.S-C08	RCL.S-C08.1	RCL.S-C08.2	RCL.S-C08.3	CD.6-C42	CD.6-C43	CD.6-C44	CD.6-C45	CE.6-C42	CE.6-C43	CE.6-C44	CE.6-C45	CE.6-C46	CE.6-C47	CE.6-C48	CE.6-C49	CE.6-C50	CE.6-C51	CE.6-C52	CE.6-C53	CE.6-C54	CE.6-C55	CE.6-C56	CE.6-C57	CE.6-C58	CE.6-C59	CE.6-C60	CE.6-C61	CE.6-C62	CE.6-C63	CE.6-C64	CE.6-C65	CE.6-C66	CE.6-C67	CE.6-C68	CE.6-C69	CE.6-C70	CE.6-C71	CE.6-C72	CE.6-C73	CE.6-C74	CE.6-C75	CE.6-C76	CE.6-C77	CE.6-C78	CE.6-C79	CE.6-C80	CE.6-C81	CE.6-C82	CE.6-C83	CE.6-C84	CE.6-C85	CE.6-C86	CE.6-C87	CE.6-C88	CE.6-C89	CE.6-C90	CE.6-C91	CE.6-C92	CE.6-C93	CE.6-C94	CE.6-C95	CE.6-C96	CE.6-C97	CE.6-C98	CE.6-C99	CE.6-C100	CE.6-C101	CE.6-C102	CE.6-C103	CE.6-C104	CE.6-C105	CE.6-C106	CE.6-C107	CE.6-C108	CE.6-C109	CE.6-C110	CE.6-C111	CE.6-C112	CE.6-C113	CE.6-C114	CE.6-C115	CE.6-C116	CE.6-C117	CE.6-C118	CE.6-C119	CE.6-C120	CE.6-C121	CE.6-C122	CE.6-C123	CE.6-C124	CE.6-C125	CE.6-C126	CE.6-C127	CE.6-C128	CE.6-C129	CE.6-C130	CE.6-C131	CE.6-C132	CE.6-C133	CE.6-C134	CE.6-C135	CE.6-C136	CE.6-C137	CE.6-C138	CE.6-C139	CE.6-C140	CE.6-C141	CE.6-C142	CE.6-C143	CE.6-C144	CE.6-C145	CE.6-C146	CE.6-C147	CE.6-C148	CE.6-C149	CE.6-C150	CE.6-C151	CE.6-C152	CE.6-C153	CE.6-C154	CE.6-C155	CE.6-C156	CE.6-C157	CE.6-C158	CE.6-C159	CE.6-C160	CE.6-C161	CE.6-C162	CE.6-C163	CE.6-C164	CE.6-C165	CE.6-C166	CE.6-C167	CE.6-C168	CE.6-C169	CE.6-C170	CE.6-C171	CE.6-C172	CE.6-C173	CE.6-C174	CE.6-C175	CE.6-C176	CE.6-C177	CE.6-C178	CE.6-C179	CE.6-C180	CE.6-C181	CE.6-C182	CE.6-C183	CE.6-C184	CE.6-C185	CE.6-C186	CE.6-C187	CE.6-C188	CE.6-C189	CE.6-C190	CE.6-C191	CE.6-C192	CE.6-C193	CE.6-C194	CE.6-C195	CE.6-C196	CE.6-C197	CE.6-C198	CE.6-C199	CE.6-C200	CE.6-C201	CE.6-C202	CE.6-C203	CE.6-C204	CE.6-C205	CE.6-C206	CE.6-C207	CE.6-C208	CE.6-C209	CE.6-C210	CE.6-C211	CE.6-C212	CE.6-C213	CE.6-C214	CE.6-C215	CE.6-C216	CE.6-C217	CE.6-C218	CE.6-C219	CE.6-C220	CE.6-C221	CE.6-C222	CE.6-C223	CE.6-C224	CE.6-C225	CE.6-C226	CE.6-C227	CE.6-C228	CE.6-C229	CE.6-C230	CE.6-C231	CE.6-C232	CE.6-C233	CE.6-C234	CE.6-C235	CE.6-C236	CE.6-C237	CE.6-C238	CE.6-C239	CE.6-C240	CE.6-C241	CE.6-C242	CE.6-C243	CE.6-C244	CE.6-C245	CE.6-C246	CE.6-C247	CE.6-C248	CE.6-C249	CE.6-C250	CE.6-C251	CE.6-C252	CE.6-C253	CE.6-C254	CE.6-C255	CE.6-C256	CE.6-C257	CE.6-C258	CE.6-C259	CE.6-C260	CE.6-C261	CE.6-C262	CE.6-C263	CE.6-C264	CE.6-C265	CE.6-C266	CE.6-C267	CE.6-C268	CE.6-C269	CE.6-C270	CE.6-C271	CE.6-C272	CE.6-C273	CE.6-C274	CE.6-C275	CE.6-C276	CE.6-C277	CE.6-C278	CE.6-C279	CE.6-C280	CE.6-C281	CE.6-C282	CE.6-C283	CE.6-C284	CE.6-C285	CE.6-C286	CE.6-C287	CE.6-C288	CE.6-C289	CE.6-C290	CE.6-C291	CE.6-C292	CE.6-C293	CE.6-C294	CE.6-C295	CE.6-C296	CE.6-C297	CE.6-C298	CE.6-C299	CE.6-C300	CE.6-C301	CE.6-C302	CE.6-C303	CE.6-C304	CE.6-C305	CE.6-C306	CE.6-C307	CE.6-C308	CE.6-C309	CE.6-C310	CE.6-C311	CE.6-C312	CE.6-C313	CE.6-C314	CE.6-C315	CE.6-C316	CE.6-C317	CE.6-C318	CE.6-C319	CE.6-C320	CE.6-C321	CE.6-C322	CE.6-C323	CE.6-C324	CE.6-C325	CE.6-C326	CE.6-C327	CE.6-C328	CE.6-C329	CE.6-C330	CE.6-C331	CE.6-C332	CE.6-C333	CE.6-C334	CE.6-C335	CE.6-C336	CE.6-C337	CE.6-C338	CE.6-C339	CE.6-C340	CE.6-C341	CE.6-C342	CE.6-C343	CE.6-C344	CE.6-C345	CE.6-C346	CE.6-C347	CE.6-C348	CE.6-C349	CE.6-C350	CE.6-C351	CE.6-C352	CE.6-C353	CE.6-C354	CE.6-C355	CE.6-C356	CE.6-C357	CE.6-C358	CE.6-C359	CE.6-C360	CE.6-C361	CE.6-C362	CE.6-C363	CE.6-C364	CE.6-C365	CE.6-C366	CE.6-C367	CE.6-C368	CE.6-C369	CE.6-C370	CE.6-C371	CE.6-C372	CE.6-C373	CE.6-C374	CE.6-C375	CE.6-C376	CE.6-C377	CE.6-C378	CE.6-C379	CE.6-C380	CE.6-C381	CE.6-C382	CE.6-C383	CE.6-C384	CE.6-C385	CE.6-C386	CE.6-C387	CE.6-C388	CE.6-C389	CE.6-C390	CE.6-C391	CE.6-C392	CE.6-C393	CE.6-C394	CE.6-C395	CE.6-C396	CE.6-C397	CE.6-C398	CE.6-C399	CE.6-C400	CE.6-C401	CE.6-C402	CE.6-C403	CE.6-C404	CE.6-C405	CE.6-C406	CE.6-C407	CE.6-C408	CE.6-C409	CE.6-C410	CE.6-C411	CE.6-C412	CE.6-C413	CE.6-C414	CE.6-C415	CE.6-C416	CE.6-C417	CE.6-C418	CE.6-C419	CE.6-C420	CE.6-C421	CE.6-C422	CE.6-C423	CE.6-C424	CE.6-C425	CE.6-C426	CE.6-C427	CE.6-C428	CE.6-C429	CE.6-C430	CE.6-C431	CE.6-C432	CE.6-C433	CE.6-C434	CE.6-C435	CE.6-C436	CE.6-C437	CE.6-C438	CE.6-C439	CE.6-C440	CE.6-C441	CE.6-C442	CE.6-C443	CE.6-C444	CE.6-C445	CE.6-C446	CE.6-C447	CE.6-C448	CE.6-C449	CE.6-C450	CE.6-C451	CE.6-C452	CE.6-C453	CE.6-C454	CE.6-C455	CE.6-C456	CE.6-C457	CE.6-C458	CE.6-C459	CE.6-C460	CE.6-C461	CE.6-C462	CE.6-C463	CE.6-C464	CE.6-C465	CE.6-C466	CE.6-C467	CE.6-C468	CE.6-C469	CE.6-C470	CE.6-C471	CE.6-C472	CE.6-C473	CE.6-C474	CE.6-C475	CE.6-C476	CE.6-C477	CE.6-C478	CE.6-C479	CE.6-C480	CE.6-C481	CE.6-C482	CE.6-C483	CE.6-C484	CE.6-C485	CE.6-C486	CE.6-C487	CE.6-C488	CE.6-C489	CE.6-C490	CE.6-C491	CE.6-C492	CE.6-C493	CE.6-C494	CE.6-C495	CE.6-C496	CE.6-C497	CE.6-C498	CE.6-C499	CE.6-C500	CE.6-C501	CE.6-C502	CE.6-C503	CE.6-C504	CE.6-C505	CE.6-C506	CE.6-C507	CE.6-C508	CE.6-C509	CE.6-C510	CE.6-C511	CE.6-C512	CE.6-C513	CE.6-C514	CE.6-C515	CE.6-C516	CE.6-C517	CE.6-C518	CE.6-C519	CE.6-C520	CE.6-C521	CE.6-C522	CE.6-C523	CE.6-C524	CE.6-C525	CE.6-C526	CE.6-C527	CE.6-C528	CE.6-C529	CE.6-C530	CE.6-C531	CE.6-C532	CE.6-C533	CE.6-C534	CE.6-C535	CE.6-C536	CE.6-C537	CE.6-C538	CE.6-C539	CE.6-C540	CE.6-C541	CE.6-C542	CE.6-C543	CE.6-C544	CE.6-C545	CE.6-C546	CE.6-C547	CE.6-C548	CE.6-C549	CE.6-C550	CE.6-C551	CE.6-C552	CE.6-C553	CE.6-C554	CE.6-C555	CE.6-C556	CE.6-C557	CE.6-C558	CE.6-C559	CE.6-C560	CE.6-C561	CE.6-C562	CE.6-C563	CE.6-C564	CE.6-C565	CE.6-C566	CE.6-C567	CE.6-C568	CE.6-C569	CE.6-C570	CE.6-C571	CE.6-C572	CE.6-C573	CE.6-C574	CE.6-C575	CE.6-C576	CE.6-C577	CE.6-C578	CE.6-C579	CE.6-C580	CE.6-C581	CE.6-C582	CE.6-C583	CE.6-C584	CE.6-C585	CE.6-C586	CE.6-C587	CE.6-C588	CE.6-C589	CE.6-C590	CE.6-C591	CE.6-C592	CE.6-C593	CE.6-C594	CE.6-C595	CE.6-C596	CE.6-C597	CE.6-C598	CE.6-C599	CE.6-C600	CE.6-C601	CE.6-C602	CE.6-C603	CE.6-C604	CE.6-C605	CE.6-C606	CE.6-C607	CE.6-C608	CE.6-C609	CE.6-C610	CE.6-C611	CE.6-C612	CE.6-C613	CE.6-C614	CE.6-C615	CE.6-C616	CE.6-C617	CE.6-C618	CE.6-C619	CE.6-C620	CE.6-C621	CE.6-C622	CE.6-C623	CE.6-C624	CE.6-C625	CE.6-C626	CE.6-C627	CE.6-C628	CE.6-C629	CE.6-C630	CE.6-C631	CE.6-C632	CE.6-C633	CE.6-C634	CE.6-C635	CE.6-C636	CE.6-C637	CE.6-C638	CE.6-C639	CE.6-C640	CE.6-C641	CE.6-C642	CE.6-C643	CE.6-C644	CE.6-C645	CE.6-C646	CE.6-C647	CE.6-C648	CE.6-C649	CE.6-C650	CE.6-C651	CE.6-C652	CE.6-C653	CE.6-C654	CE.6-C655	CE.6-C656	CE.6-C657	CE.6-C658	CE.6-C659	CE.6-C660	CE.6-C661	CE.6-C662	CE.6-C663	CE.6-C664	CE.6-C665	CE.6-C666	CE.6-C667	CE.6-C668	CE.6-C669	CE.6-C670	CE.6-C671	CE.6-C672	CE.6-C673	CE.6-C674	CE.6-C675	CE.6-C676	CE.6-C677	CE.6-C678	CE.6-C679	CE.6-C680	CE.6-C681	CE.6-C682	CE.6-C683	CE.6-C684	CE.6-C685	CE.6-C686	CE.6-C687	CE.6-C688	CE.6-C689	CE.6-C690	CE.6-C691	CE.6-C692	CE.6-C693	CE.6-C694	CE.6-C695	CE.6-C696	CE.6-C697	CE.6-C698	CE.6-C699	CE.6-C700	CE.6-C701	CE.6-C702	CE.6-C703	CE.6-C704	CE.6-C705	CE.6-C706	CE.6-C707	CE.6-C708	CE.6-C709	CE.6-C710	CE.6-C711	CE.6-C712	CE.6-C713	CE.6-C714	CE.6-C715	CE.6-C716	CE.6-C717	CE.6-C718	CE.6-C719	CE.6-C720	CE.6-C721	CE.6-C722	CE.6-C723	CE.6-C724	CE.6-C725	CE.6-C726	CE.6-C727	CE.6-C728	CE.6-C729	CE.6-C730	CE.6-C731	CE.6-C732	CE.6-C733	CE.6-C734	CE.6-C735	CE.6-C736	CE.6-C737	CE.6-C738	CE.6-C739	CE.6-C740	CE.6-C741	CE.6-C742	CE.6-C743	CE.6-C744	CE.6-C745	CE.6-C746	CE.6-C747	CE.6-C748	CE.6-C749	CE.6-C750	CE.6-C751	CE.6-C752	CE.6-C753	CE.6-C754	CE.6-C755	CE.6-C756	CE.6-C757	CE.6-C758	CE.6-C759	CE.6-C760	CE.6-C761	CE.6-C762	CE.6-C763	CE.6-C764	CE.6-C765	CE.6-C766	CE.6-C767	CE.6-C768	CE.6-C769	CE.6-C770	CE.6-C771	CE.6-C772	CE.6-C773	CE.6-C774	CE.6-C775	CE.6-C776
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