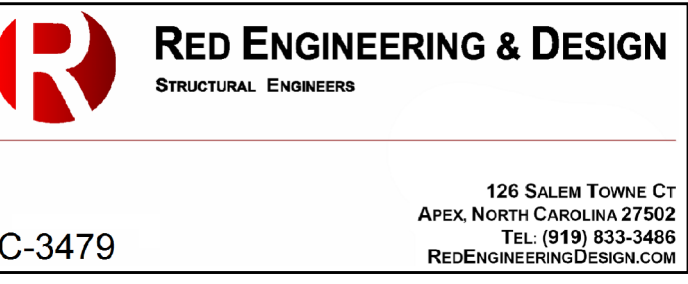


RED JOB No. 18-E091



C-3479

Project
**THE HEALING PLACE OF
 NEW HANOVER COUNTY**

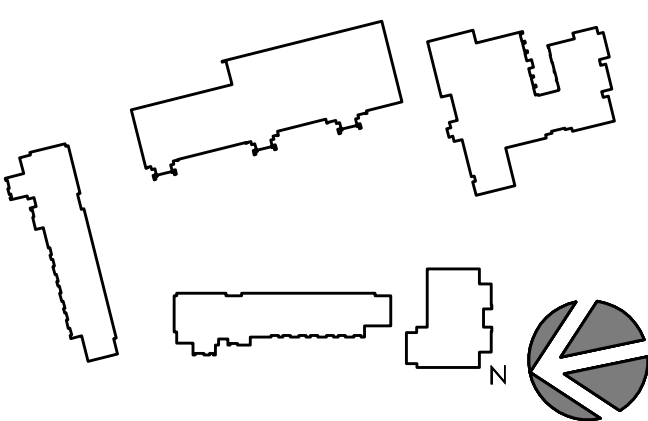
1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

Client



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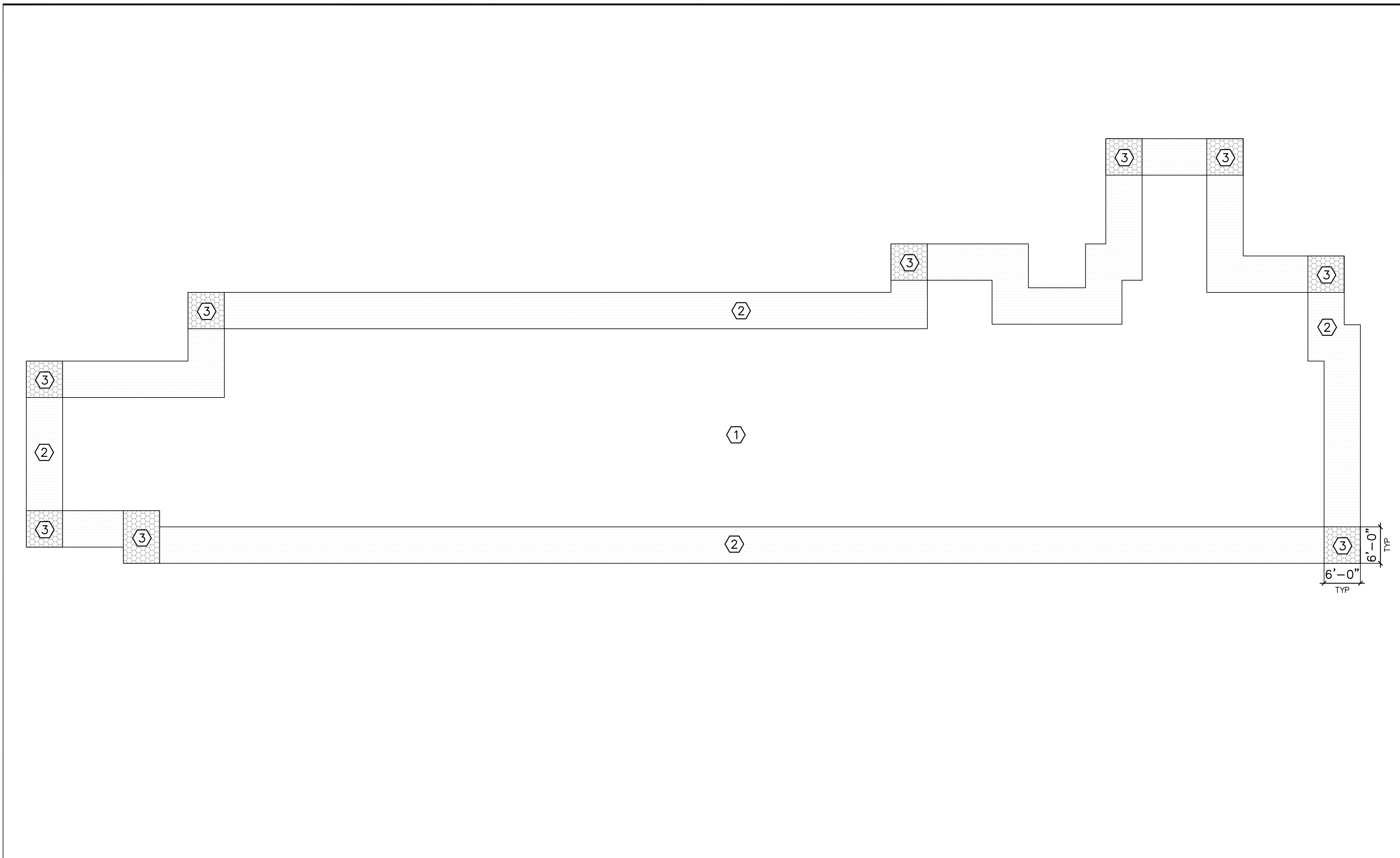


No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

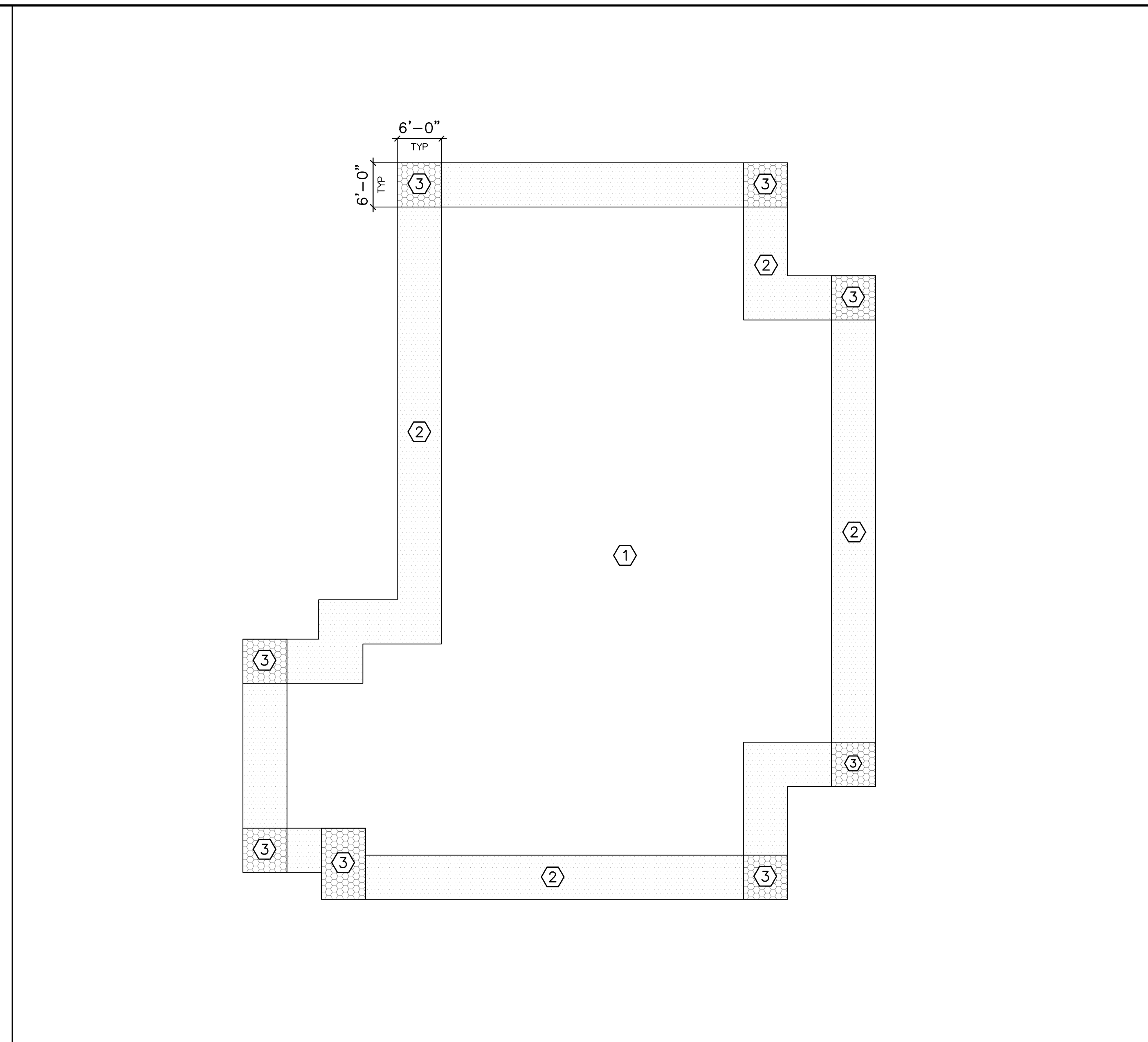
Project Code: 18HTWILMING
 Sheet Title
**C&C DESIGN WIND
 PRESSURES**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

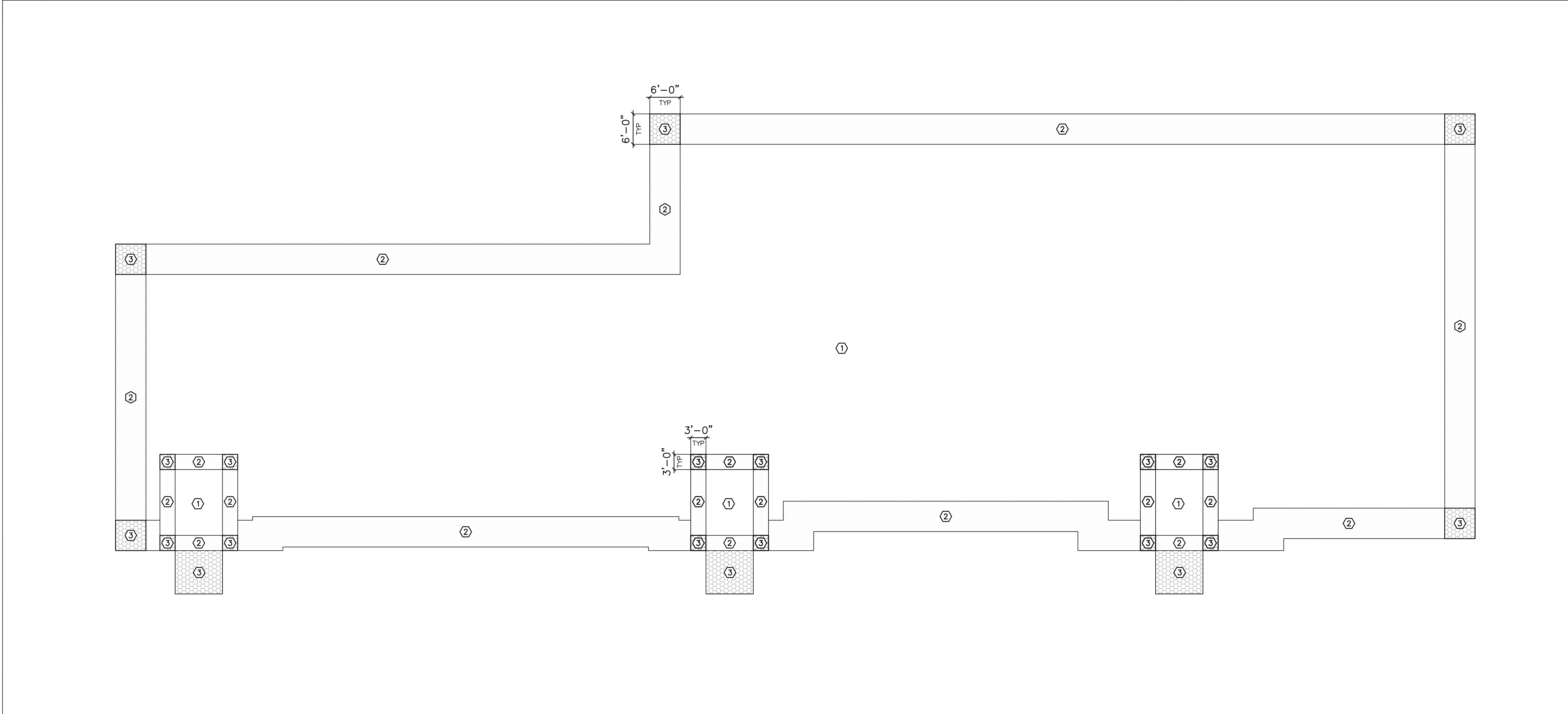
S-002



2
 S002 WOMEN'S/MEN'S RESIDENCE COMPONENTS & CLADDING WIND ZONES
 SCALE: 3/32" = 1'-0"



1
 S002 DETOX COMPONENTS & CLADDING WIND ZONES
 SCALE: 3/32" = 1'-0"



3
 S002 DINING HALL COMPONENTS & CLADDING WIND ZONES
 SCALE: 3/32" = 1'-0"

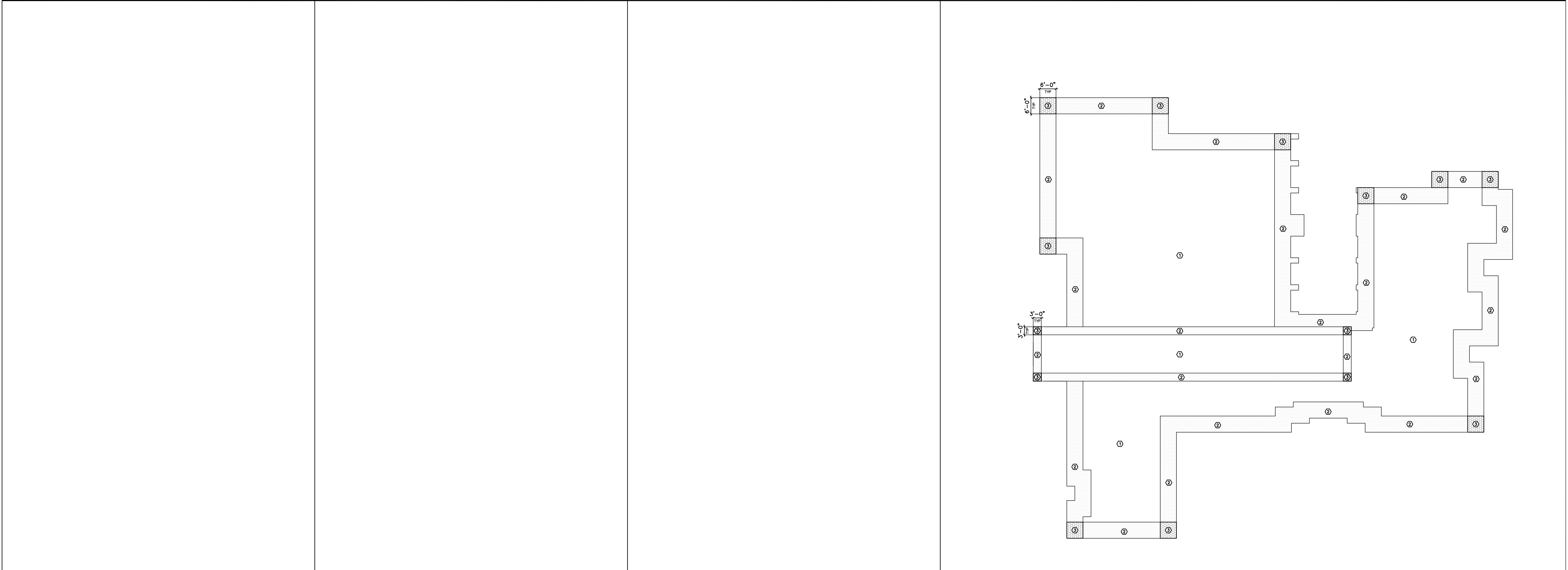
4
 S002 WIND PRESSURE SCHEDULE

C&C DESIGN WIND PRESSURES (PSF)							
ROOF		WALLS			OVERHANG		
ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 2	ZONE 3	
+8.4	-39.4	+15.4	-60.7	+15.4	-84.7	+40.5	-54.2
						-57.3	-75.4

NOTES:
 1.) 3-SECOND GUST WIND SPEED = 146mph (ASCE 7-10)
 2.) MEAN ROOF HEIGHT = 14'-8"
 3.) EXPOSURE B, LAMBDA = 1.0
 4.) TOPOGRAPHICAL FACTOR, Kzt = 1.0
 5.) BLDG CLASSIFICATION = II
 6.) ROOF PITCH = 1/12 (1.19°)
 7.) POSITIVE AND NEGATIVE VALUES SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE PROJECTED SURFACES, RESPECTIVELY.
 8.) REFER TO ASCE 7-10 CHAPTER 30.

X
 SXXX NOT USED
 SCALE:

9/23/2020 10:42 AM Z:\Vied Engineering\2018\18-0371 Healing Place - Wilmington, N. Carolina\2-Design Development\CAD\Structural\18-0371 Healing\Transition.dwg

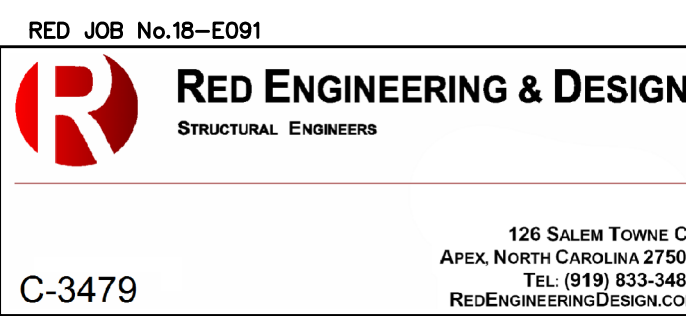


X	SXXX NOT USED	X	SXXX NOT USED	X	SXXX NOT USED	SCALE: 1	S003 ADMIN BUILDING COMPONENTS & CLADDING WIND ZONES	SCALE: 1/16" = 1'-0"
---	---------------	---	---------------	---	---------------	----------	--	----------------------

X	SXXX NOT USED	SCALE: X	SXXX NOT USED	SCALE: X	SXXX NOT USED	SCALE: X	SXXX NOT USED	SCALE: 2	S003 WIND PRESSURE SCHEDULE
---	---------------	----------	---------------	----------	---------------	----------	---------------	----------	-----------------------------

C&C DESIGN WIND PRESSURES (PSF)											
ROOF		WALLS				OVERHANG					
ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 2	ZONE 3					
+8.4	-39.4	+8.4	-60.7	+8.4	-84.7	+40.5	-43.9	+40.5	-54.2	-57.3	-75.4

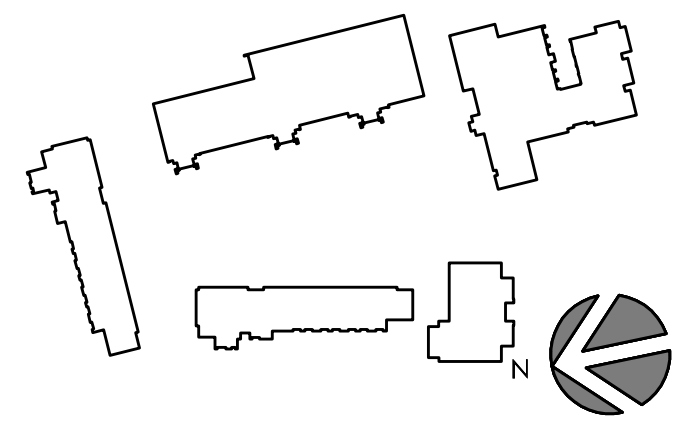
- NOTES:
- 1.) 3-SECOND GUST WIND SPEED = 146mph (ASCE 7-10)
 - 2.) MEAN ROOF HEIGHT = 14'-8"
 - 3.) EXPOSURE B, LAMBDA = 1.0
 - 4.) TOPOGRAPHICAL FACTOR, Kzt = 1.0
 - 5.) BLDG CLASSIFICATION = II
 - 6.) ROOF PITCH = 1/12 (1.19°)
 - 7.) POSITIVE AND NEGATIVE VALUES SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE PROJECTED SURFACES, RESPECTIVELY.
 - 8.) REFER TO ASCE 7-10 CHAPTER 30.



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C-3479
 Project
THE HEALING PLACE OF NEW HANOVER COUNTY
 1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA



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No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

Project Code: 18HTWILMING
 Sheet Title
C&C DESIGN WIND PRESSURES CONT.

Original drawing is 42 x 30 Do not scale contents of this drawing
 Sheet Number

S-003

SCHEDULE OF SPECIAL INSPECTIONS

INSPECTION DEFINITIONS:

PERFORM: Perform these tasks for each weld, fastener or bolted connection, and noted verification.
OBSERVE: Observe these items randomly during the course of each work day to insure that applicable requirements are being met.
DOCUMENT: Document, with a report, that the work has been performed in accordance with the contract documents.
CONTINUOUS: Constant monitoring of identified tasks by a special inspector over the duration of performance of said tasks.

The Seismic Design Category for this project is: A, B, C, D, E, F (check appropriate box)

STRUCTURAL - STEEL - WELDING SECTION

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include steel inspection prior to welding, during welding, and after welding.

STRUCTURAL - STEEL - WELDING SECTION (CONTINUED)

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include steel inspection after welding tasks like welds cleaned, size and location of all welds, etc.

END SECTION

STRUCTURAL - STEEL - BOLTING SECTION

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include steel inspection tasks prior to bolting, during bolting, and after bolting.

END SECTION

STRUCTURAL - STEEL - NON DESTRUCTIVE TESTING SECTION

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include nondestructive testing of welded joints and other inspections.

END SECTION

STRUCTURAL - STEEL - OTHER INSPECTIONS

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include other steel inspections like anchor rods and other embeddings.

END SECTION

STRUCTURAL - COLD-FORMED METAL DECK - PLACEMENT SECTION

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include metal deck inspection prior to deck placement, during deck placement, and after deck placement.

END SECTION

STRUCTURAL - COLD-FORMED METAL DECK - WELDING SECTION

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include metal deck inspection during welding and after welding.

END SECTION

STRUCTURAL - COLD-FORMED METAL DECK - FASTENING SECTION

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include metal deck inspection before, during, and after mechanical fastening.

END SECTION

STRUCTURAL - OPEN-WEB STEEL JOISTS SECTION

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include open-web steel joists and joist girders.

END SECTION

STRUCTURAL - CONCRETE CONSTRUCTION SECTION

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include concrete construction tasks from reinforcement to curing.

CONTINUED ON FOLLOWING PAGE

STRUCTURAL - CONCRETE CONSTRUCTION (CONTINUED)

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include concrete construction tasks like erecting precast members and inspecting formwork.

END SECTION

STRUCTURAL - MASONRY CONSTRUCTION SECTION (ALL RISK CATEGORIES)

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include masonry construction tasks from grout space to reinforcement.

END SECTION

PERFORM: Perform these tasks for each weld, fastener or bolted connection, and required verification.
OBSERVE: Observe these items on a random sampling basis daily to insure that applicable requirements are met.

GEOTECHNICAL - SOILS INSPECTION SECTION

Table with 3 columns: TASK, INSPECTION TYPE, DESCRIPTION. Rows include soils inspection tasks like materials below foundations and excavation testing.

END SECTION



RED JOB No.18-E091



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RedEngineering@Desig.com

C-3479

Project

THE HEALING PLACE OF NEW HANOVER COUNTY

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

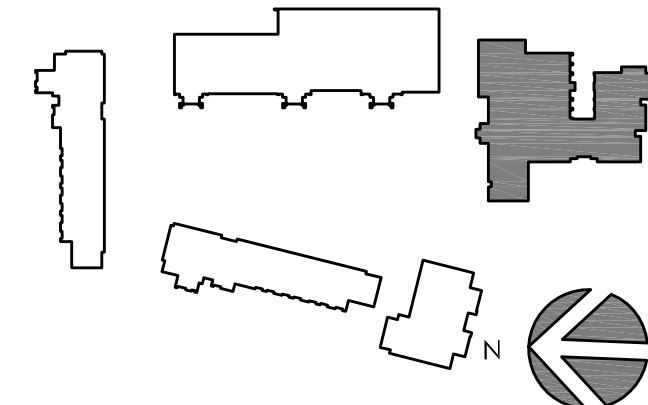
Client



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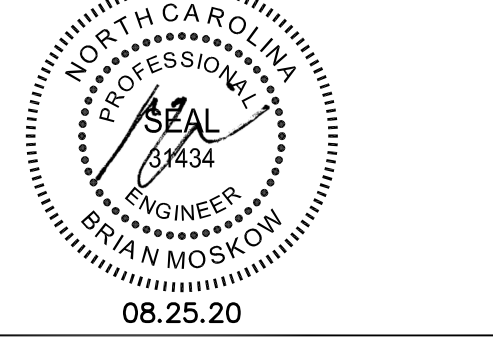


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Table with 3 columns: No., Description, Date. Row 2: B - DESIGN DEVELOPMENT PACKAGE

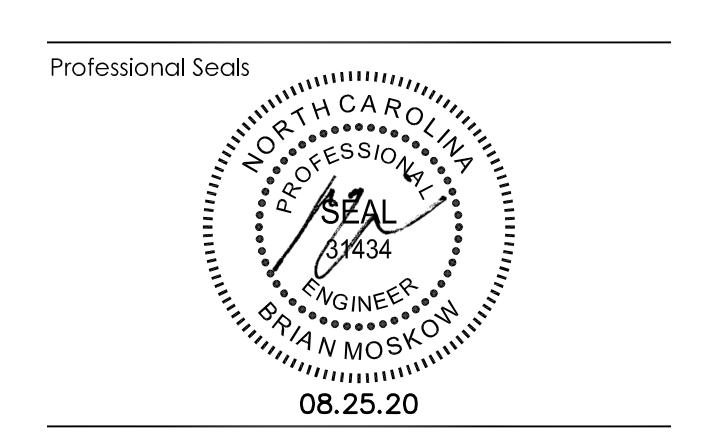
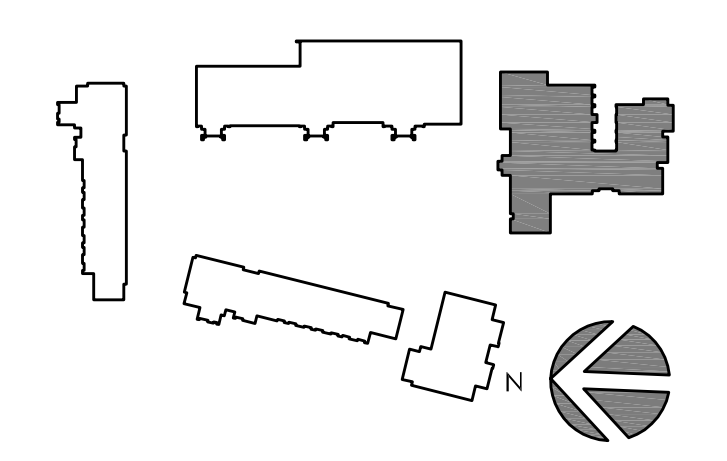
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Project Code: 18THWILMING
Sheet Title

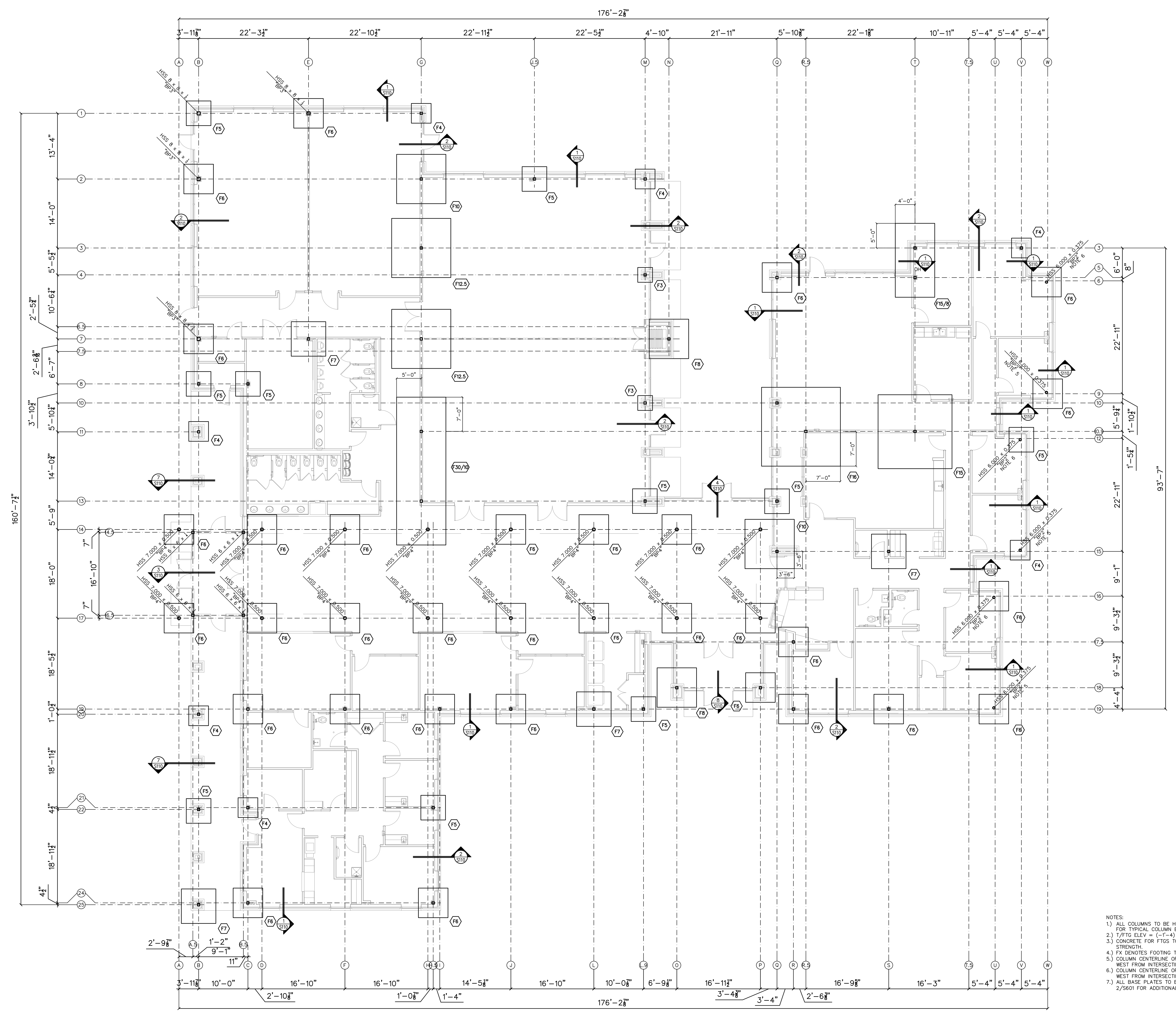
SPECIAL INSPECTIONS

Original drawing is 42 x 30 Do not scale contents of this drawing
Sheet Number

S-004



No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20



- NOTES:
 1) ALL COLUMNS TO BE HSS 6 x 6 x 1/8 U.N.O. SEE 1/5601 FOR TYPICAL COLUMN BEARING.
 2) 1/FTG ELEV = (-1'-4) BELOW FIN. FLR.
 3) CONCRETE FOR FTOS TO BE 3000psi 28-DAY COMPRESSIVE STRENGTH.
 4) FX DENOTES FOOTING TYPE. SEE SCHEDULE ON S001.
 5) COLUMN CENTERLINE OFFSET 3\"/>

9/23/2020 10:43 AM Z:\Red Engineering\2018\18-E001 Healing Place - Wilmington, IL design\2-Design Development\CAD\Structural\18-E001 Healing Transition.dwg

RED JOB No. 18-E091



C-3479

Project

**THE HEALING PLACE OF
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1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

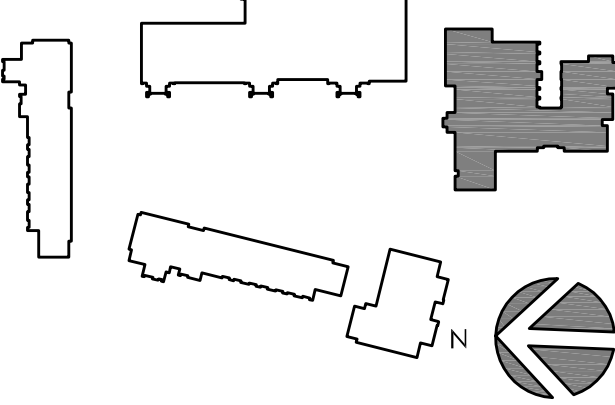
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No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

Project Code: 18HTWILMING

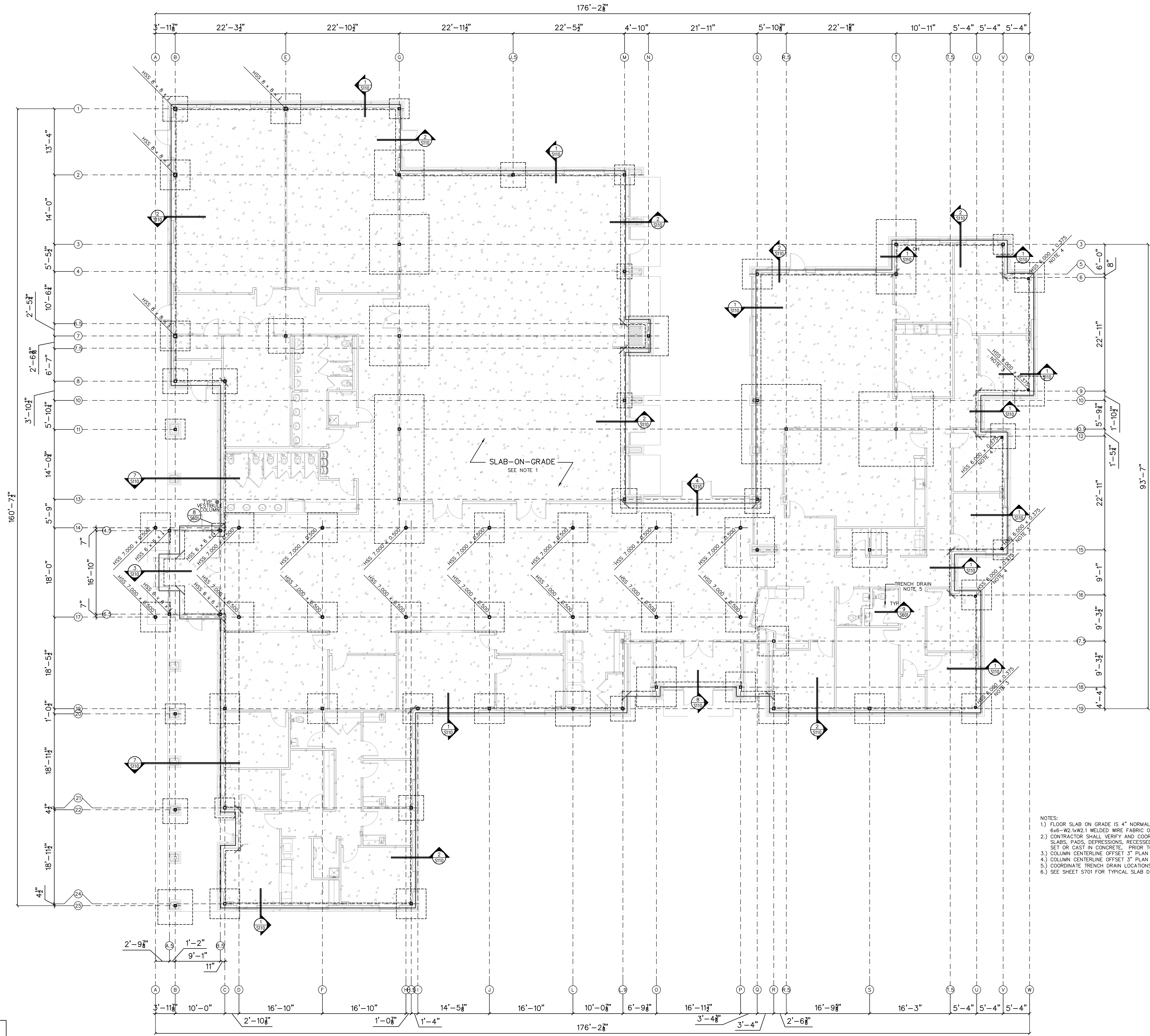
Sheet Title

**ADMIN BUILDING
 SLAB-ON-GRADE PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.

Sheet Number

S-102



- NOTES:
- 1.) FLOOR SLAB ON GRADE IS 4" NORMAL WEIGHT CONCRETE, 3000psi 28-DAY COMPRESSIVE STRENGTH, WITH 6x6-W2-W2.1 WELDED WIRE FABRIC ON A 6" POROUS GRAVEL AND 10MIL POLY VAPOR BARRIER (LVB).
 - 2.) CONTRACTOR SHALL VERIFY AND COORDINATE THE LOCATION, SIZE, TYPE AND DIRECTION OF ALL THICKENED SLABS, PADS, DEPRESSIONS, RECESSED SLABS, BOLTS, SLEEVES, ANCHORS, INSERTS, OPENINGS, ETC. TO BE SET OR CAST IN CONCRETE, PRIOR TO CONCRETE PLACEMENT.
 - 3.) COLUMN CENTERLINE OFFSET 3" PLAN NORTH & 3" PLAN WEST FROM INTERSECTING GRIDLINES.
 - 4.) COLUMN CENTERLINE OFFSET 3" PLAN SOUTH & 3" PLAN WEST FROM INTERSECTING GRIDLINES.
 - 5.) COORDINATE TRENCH DRAIN LOCATIONS WITH PLUMBING DRAWINGS.
 - 6.) SEE SHEET S701 FOR TYPICAL SLAB DETAILS.

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Project
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1000 MEDICAL CENTER DRIVE
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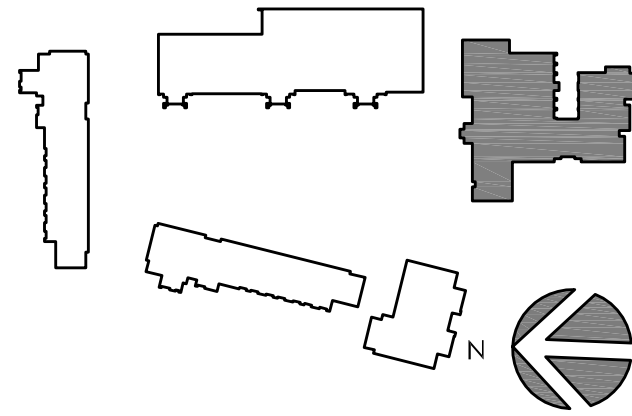
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D	FOR CONSTRUCTION	08/25/20

Project Code: 18HTWILMING

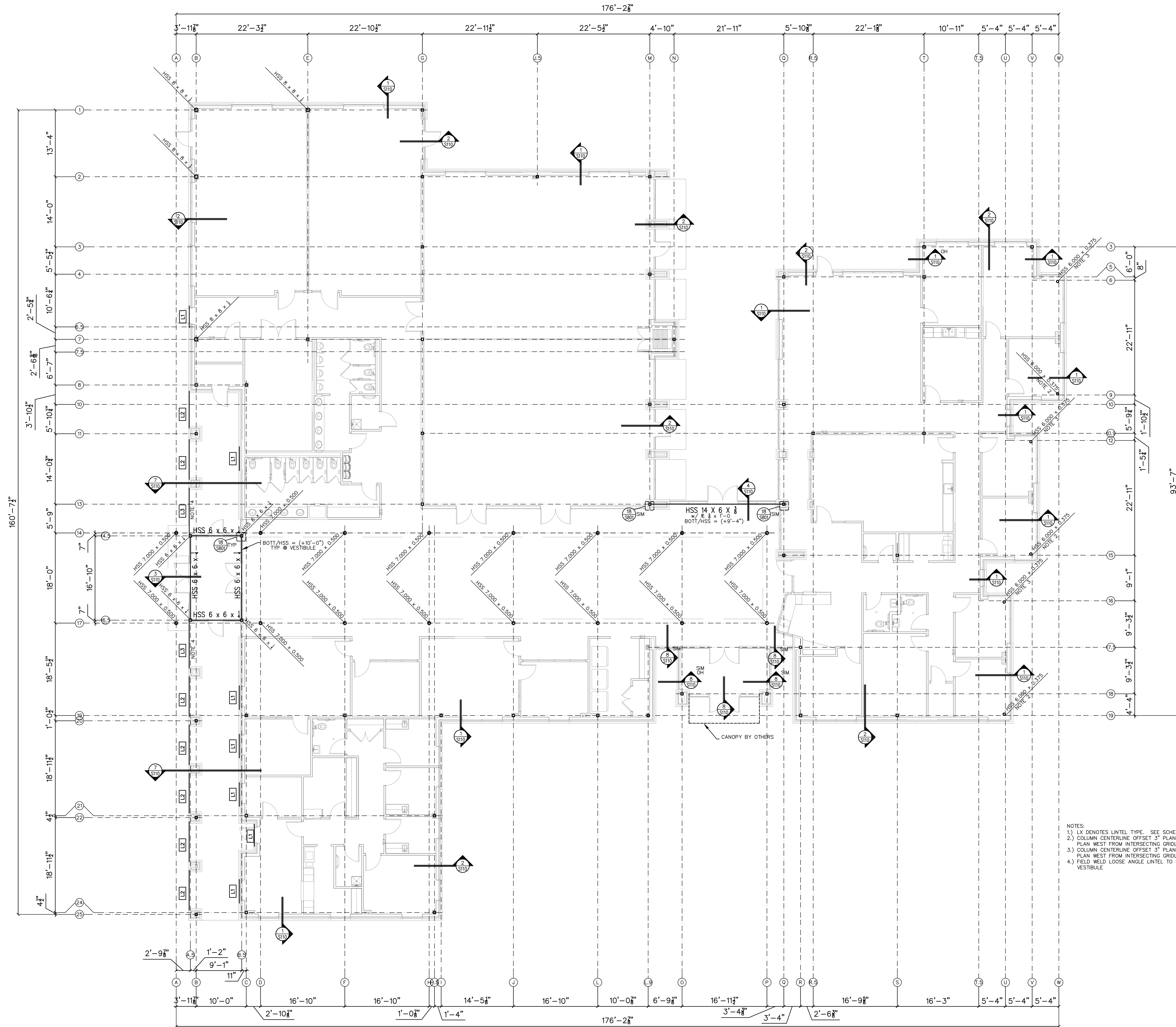
Sheet Title

ADMIN BUILDING
 LINTEL PLAN

Original drawing is 42 x 30. Do not scale contents of this drawing.

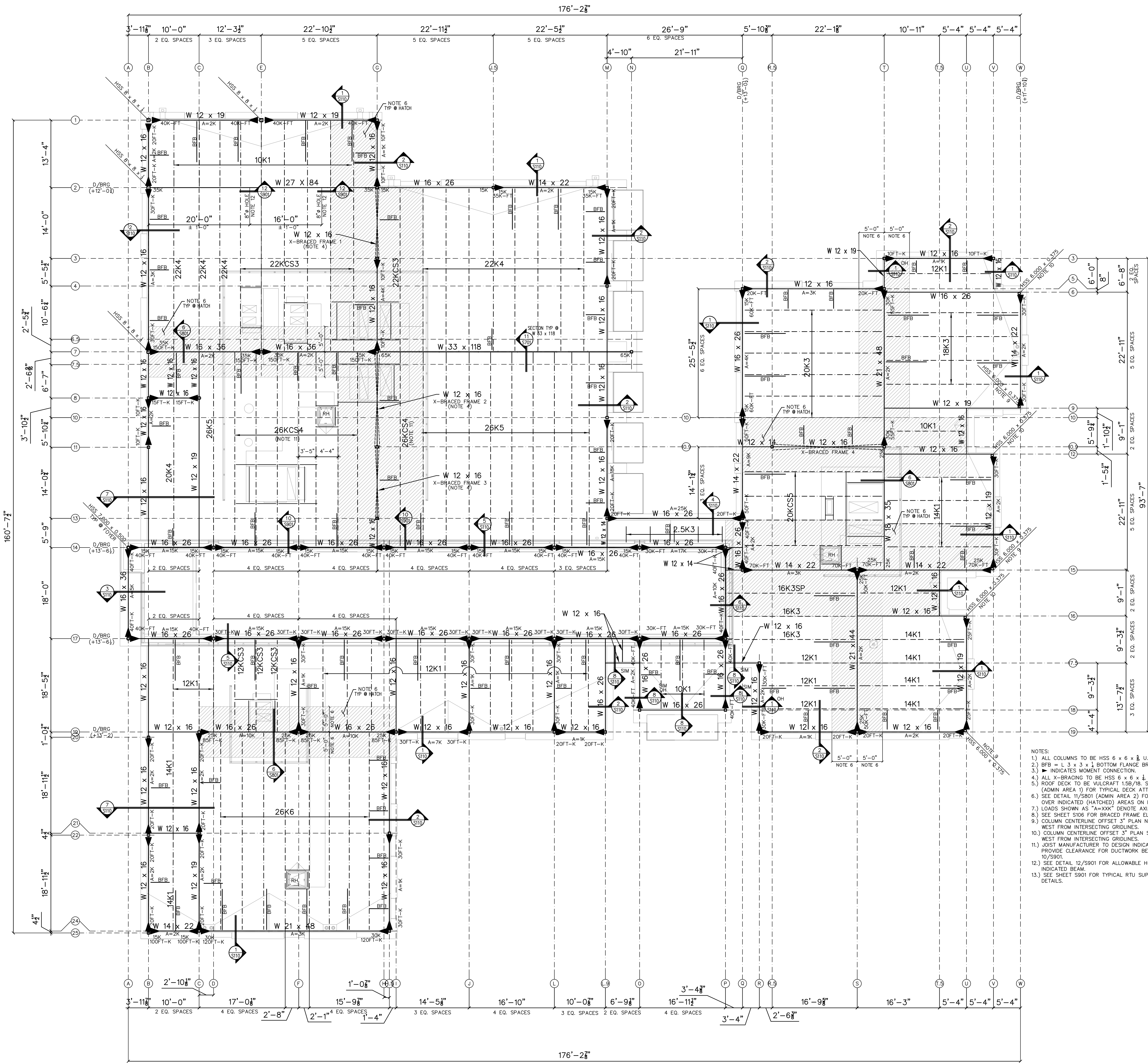
Sheet Number

S-103

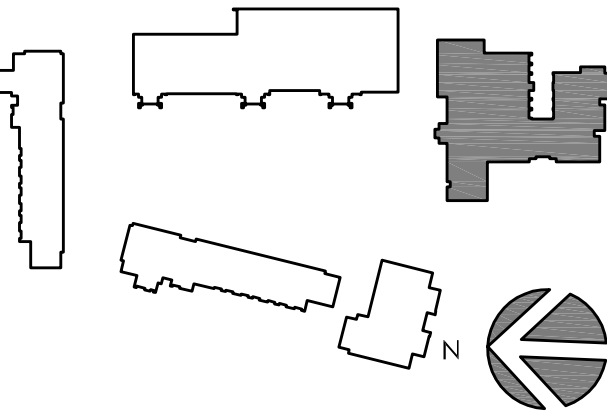


- NOTES:
- 1.) LX DENOTES LINTEL TYPE. SEE SCHEDULE ON S001.
 - 2.) COLUMN CENTERLINE OFFSET 3" PLAN NORTH & 3" PLAN WEST FROM INTERSECTING GRIDLINES.
 - 3.) COLUMN CENTERLINE OFFSET 3" PLAN SOUTH & 3" PLAN WEST FROM INTERSECTING GRIDLINES.
 - 4.) FIELD WELD LOOSE ANGLE LINTEL TO COLUMN @ VESTIBULE

9/23/2020 10:43 AM Z:\Red Engineering\2018\18-E091 Healing Place - Wilmington, IL design\3-Design Development\CAD\Structural\18-E091 Healing Transitions.dwg



- NOTES:
- 1) ALL COLUMNS TO BE HSS 6 x 6 x 1/4 U.N.O.
 - 2) BFB = L 3 x 3 x 3/8 BOTTOM FLANGE BRACE.
 - 3) \blacktriangleright INDICATES MOMENT CONNECTION.
 - 4) ALL X-BRACING TO BE HSS 6 x 6 x 1/4 U.N.O.
 - 5) ROOF DECK TO BE VULCRAFT 1.58/18. SEE DETAIL 11/SB01 (ADMIN AREA 1) FOR TYPICAL DECK ATTACHMENT.
 - 6) SEE DETAIL 11/SB01 (ADMIN AREA 2) FOR DECK ATTACHMENT OVER INDICATED (HATCHED) AREAS ON PLAN.
 - 7) LOADS SHOWN AS "A=XXX" DENOTE AXIAL LOADS.
 - 8) SEE SHEET S108 FOR BRACED FRAME ELEVATIONS.
 - 9) COLUMN CENTERLINE OFFSET 3" PLAN NORTH & 3" PLAN WEST FROM INTERSECTING GRIDLINES.
 - 10) COLUMN CENTERLINE OFFSET 3" PLAN SOUTH & 3" PLAN WEST FROM INTERSECTING GRIDLINES.
 - 11) JOIST MANUFACTURER TO DESIGN INDICATED JOISTS TO PROVIDE CLEARANCE FOR DUCTWORK BELOW. SEE DETAIL 10/S901.
 - 12) SEE DETAIL 12/S901 FOR ALLOWABLE HOLE DETAIL @ INDICATED BEAM.
 - 13) SEE SHEET S901 FOR TYPICAL RTU SUPPORT/ROOF SCREEN DETAILS.



RED JOB No. 18-E091



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Project

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1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

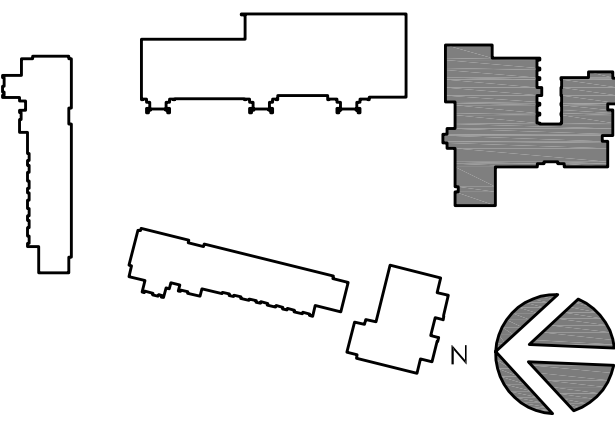
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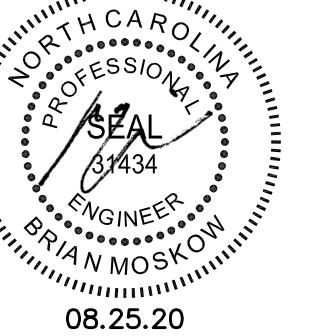
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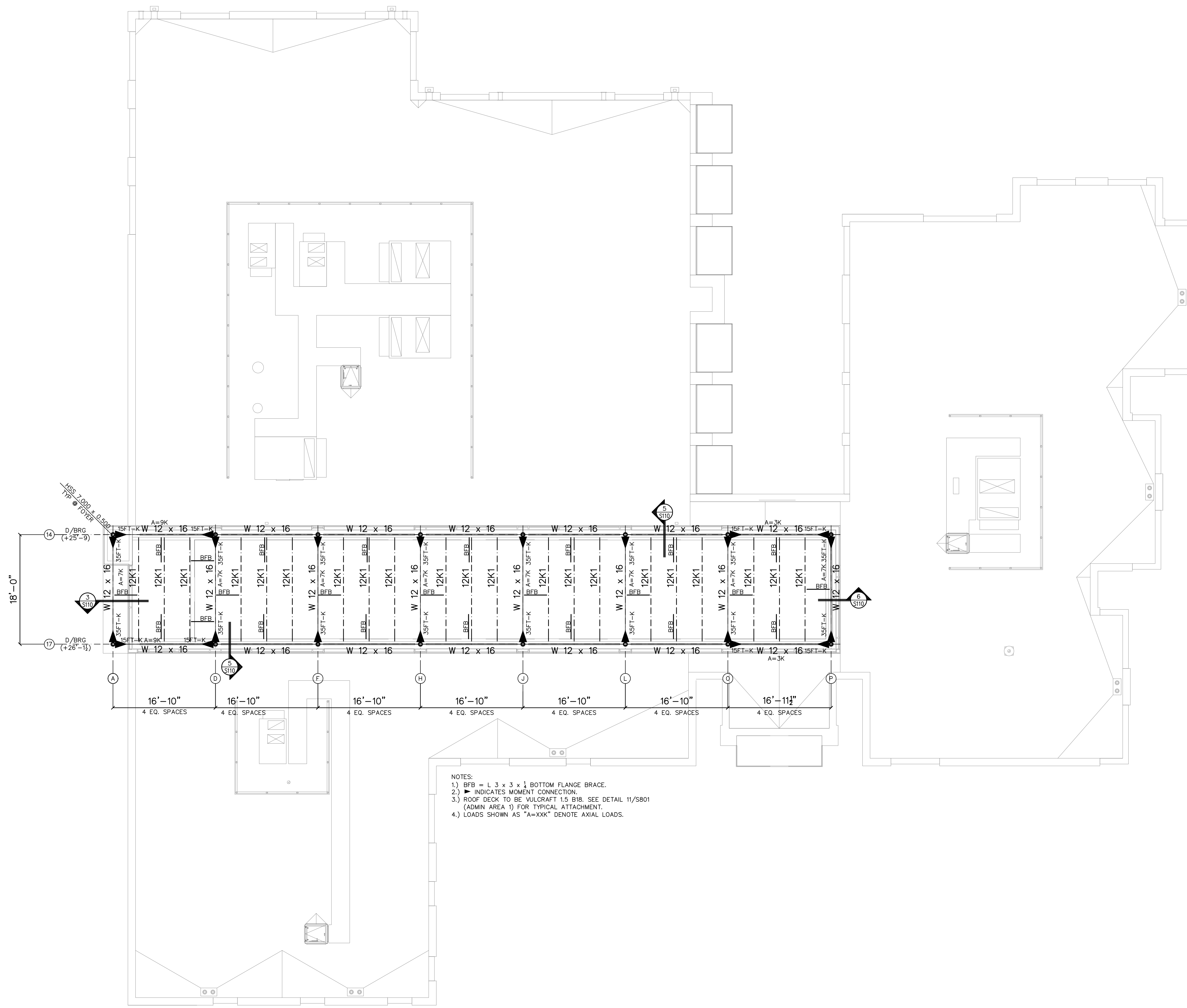
Project Code: 16HTWILMING

Sheet Title

**ADMIN BUILDING
 HIGH ROOF PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-105



NOTES:
 1.) BFB = L 3 x 3 x 1 BOTTOM FLANGE BRACE.
 2.) ■ INDICATES MOMENT CONNECTION.
 3.) ROOF DECK TO BE VULCRAFT 1.5 B18. SEE DETAIL 11/S801 (ADMIN AREA 3) FOR TYPICAL ATTACHMENT.
 4.) LOADS SHOWN AS "A=XXX" DENOTE AXIAL LOADS.

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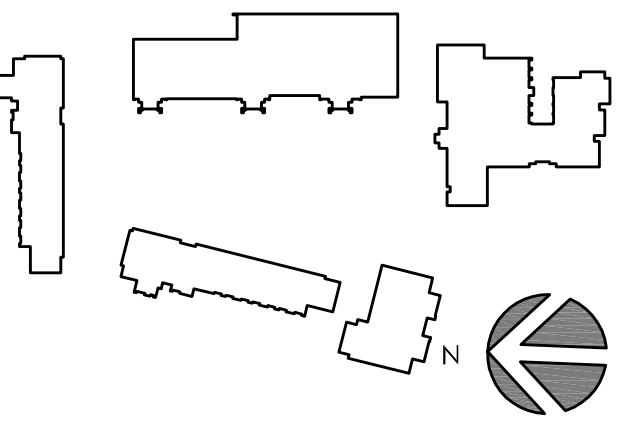
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No. Description Date

A	SCHEMATIC DESIGN	11/26/19
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Project Code: 16HTWILMING

Sheet Title

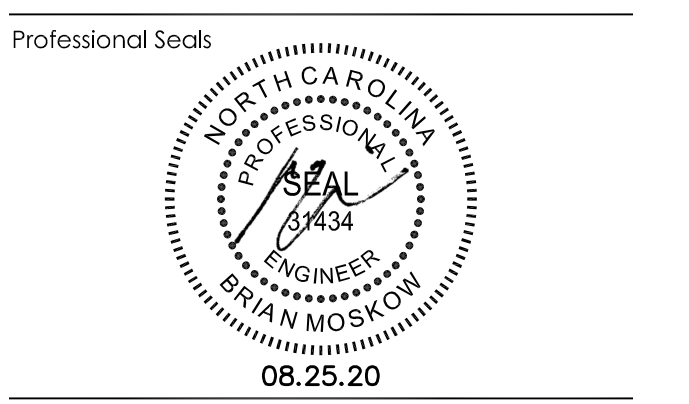
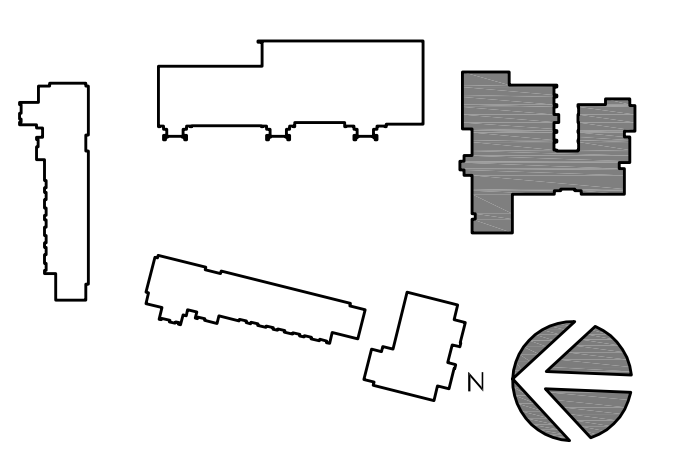
**ADMIN BUILDING
 X-FRAME ELEVATIONS**

Original drawing is 42 x 30 Do not scale contents of this drawing

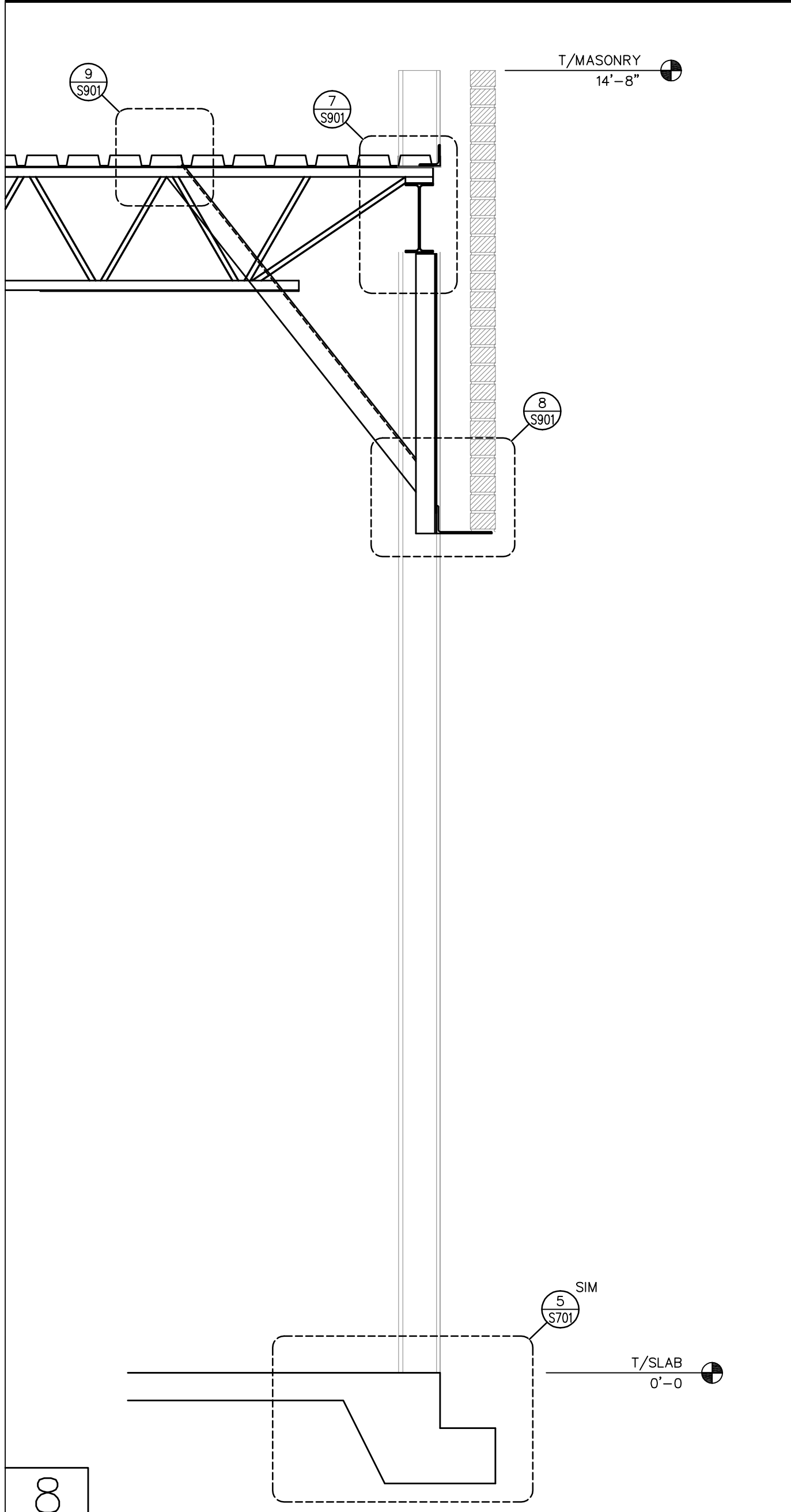
Sheet Number

S-106

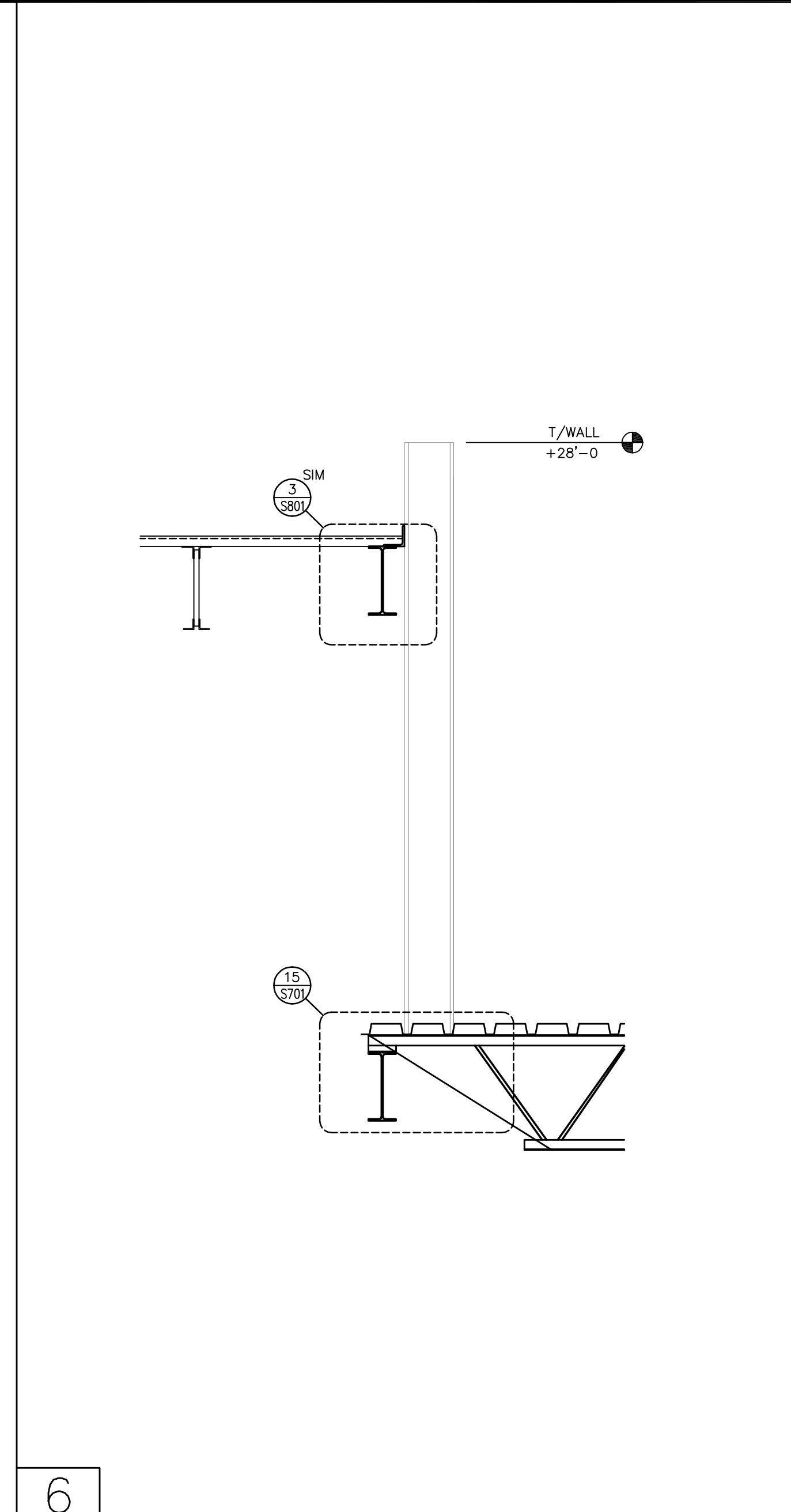
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X	SXXX NOT USED	SCALE:	X	SXXX NOT USED	SCALE:	X	SXXX NOT USED	SCALE:	X	SXXX NOT USED	SCALE:	2	X-FRAME 2	SCALE: 1" = 1'-0"
X	SXXX NOT USED	SCALE:	X	SXXX NOT USED	SCALE:	X	SXXX NOT USED	SCALE:	X	SXXX NOT USED	SCALE:	3	X-FRAME 3	SCALE: 1" = 1'-0"
X	SXXX NOT USED	SCALE:	X	SXXX NOT USED	SCALE:	X	SXXX NOT USED	SCALE:	X	SXXX NOT USED	SCALE:	4	X-FRAME 4	SCALE: 1" = 1'-0"



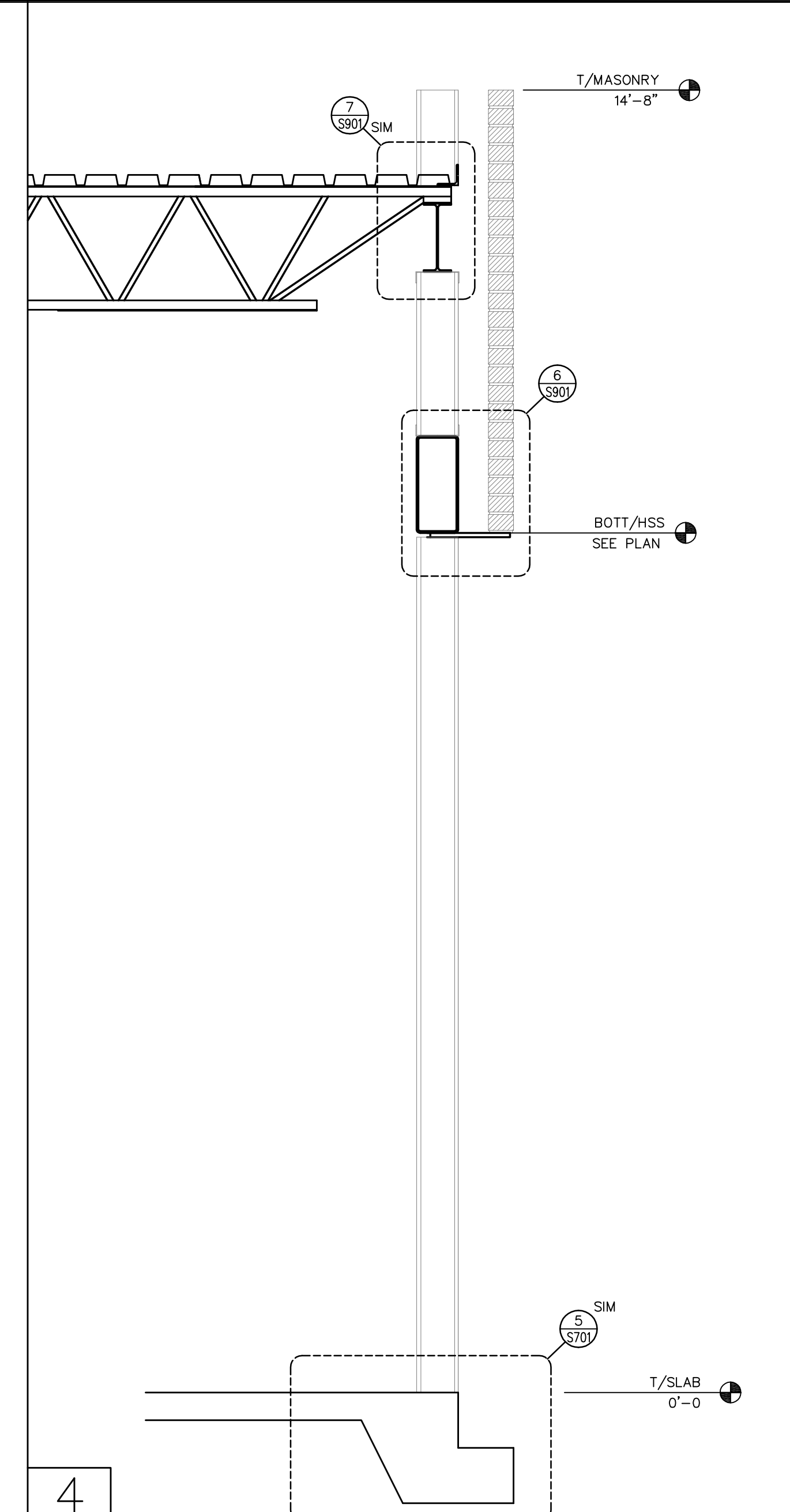
No.	Description	Date
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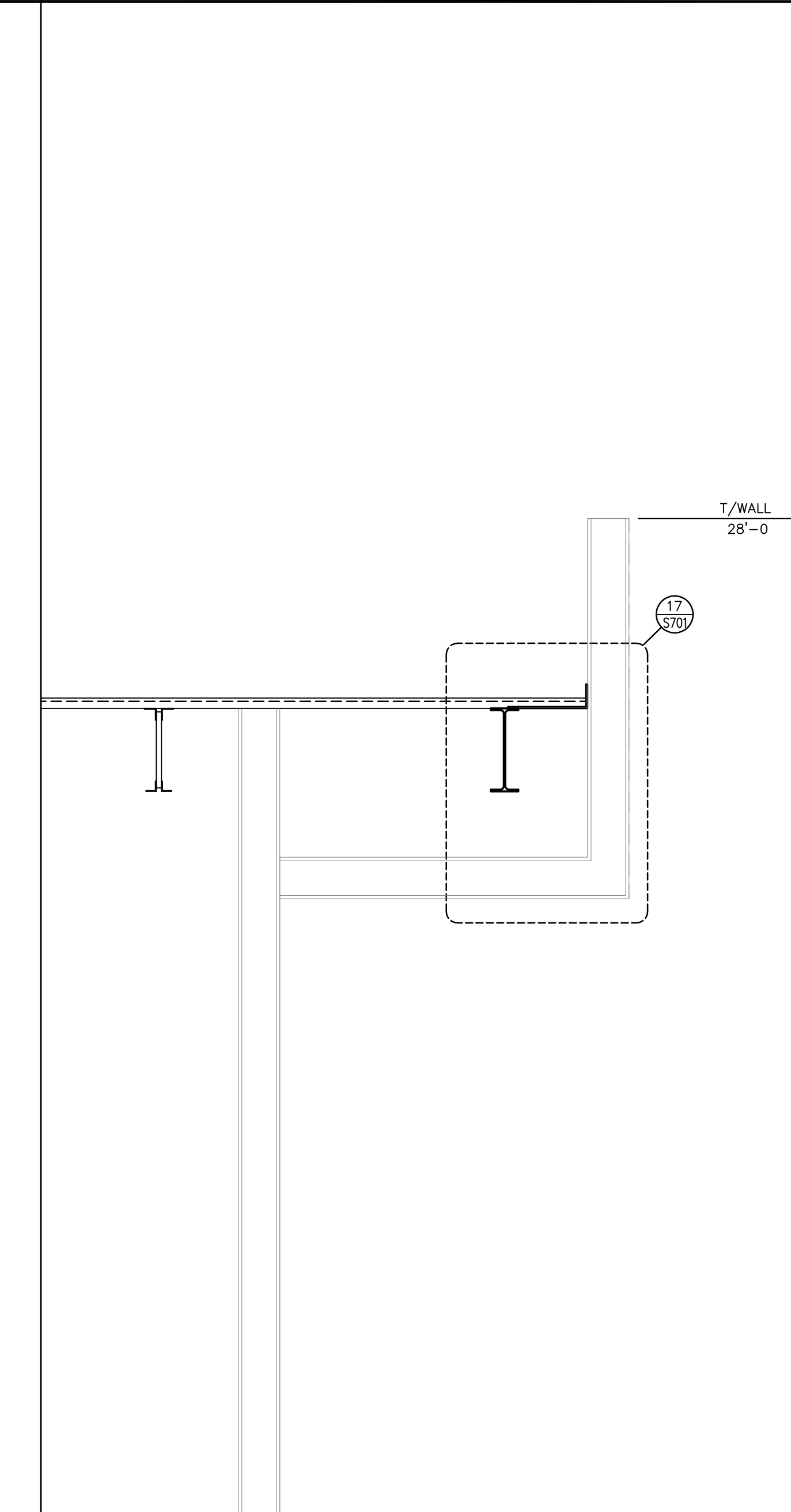
8 S110 SECTION SCALE: 3/4" = 1'-0"



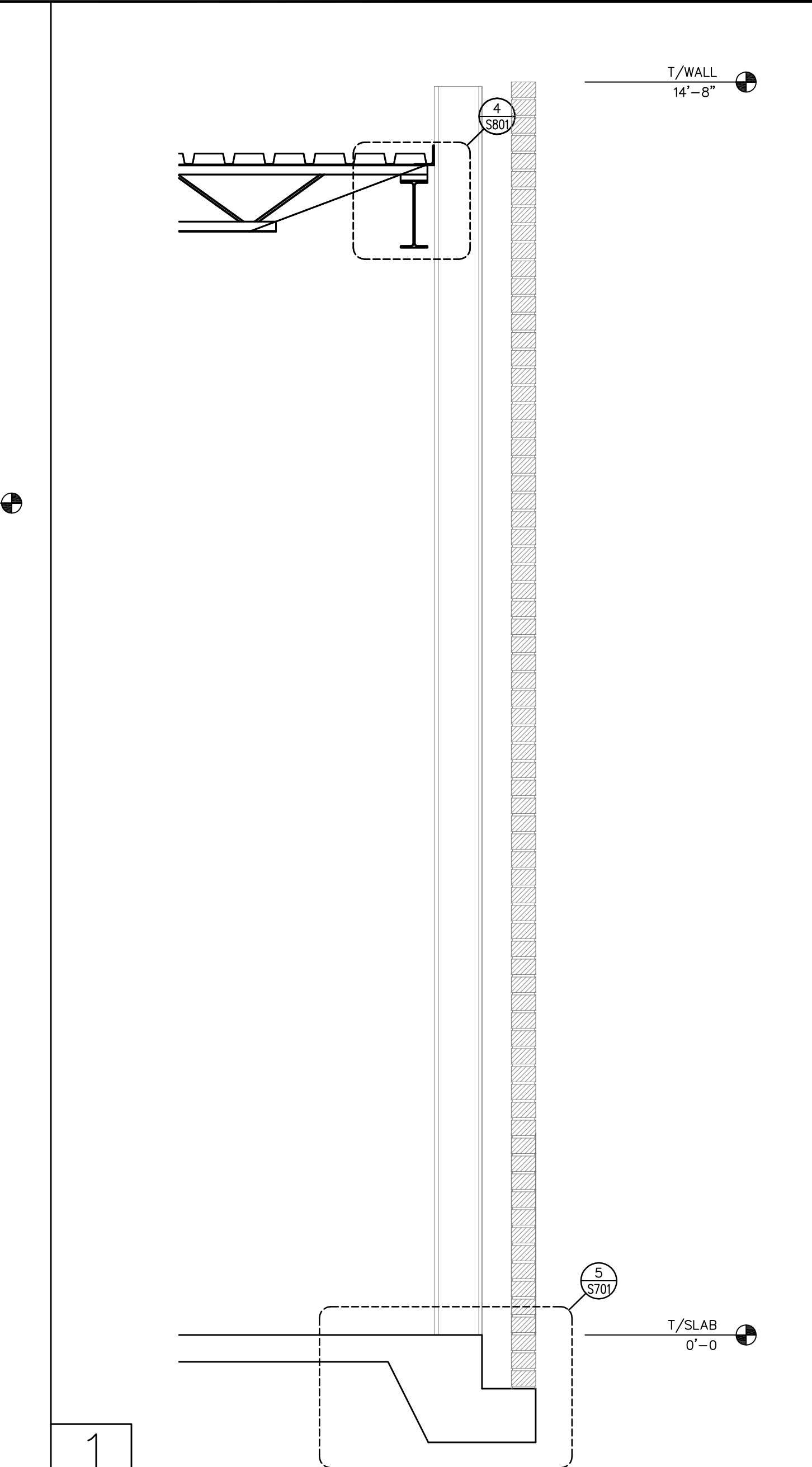
6 S110 SECTION SCALE: 3/4" = 1'-0"



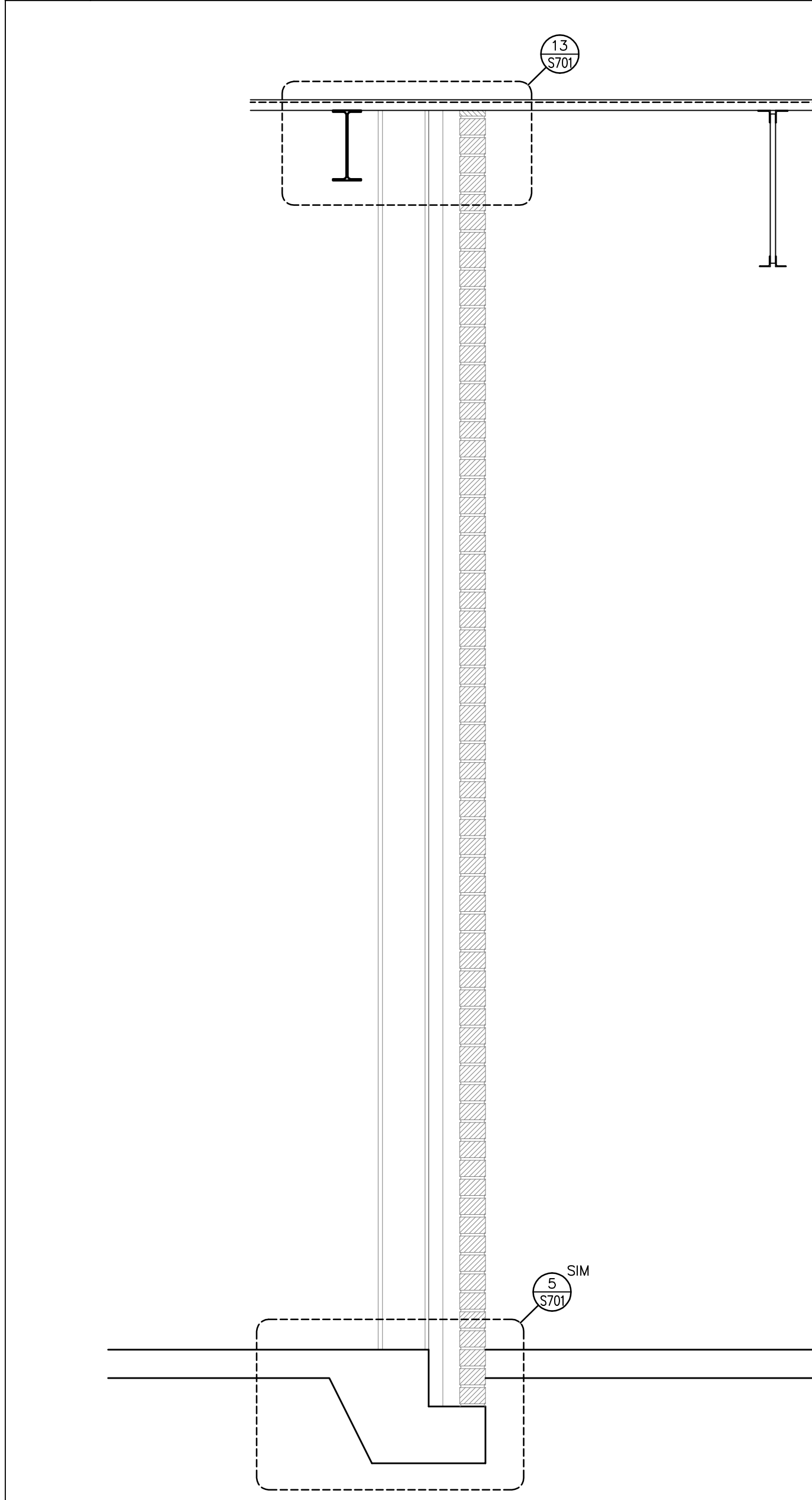
4 S110 SECTION SCALE: 3/4" = 1'-0"



1 S110 SECTION SCALE: 3/4" = 1'-0"



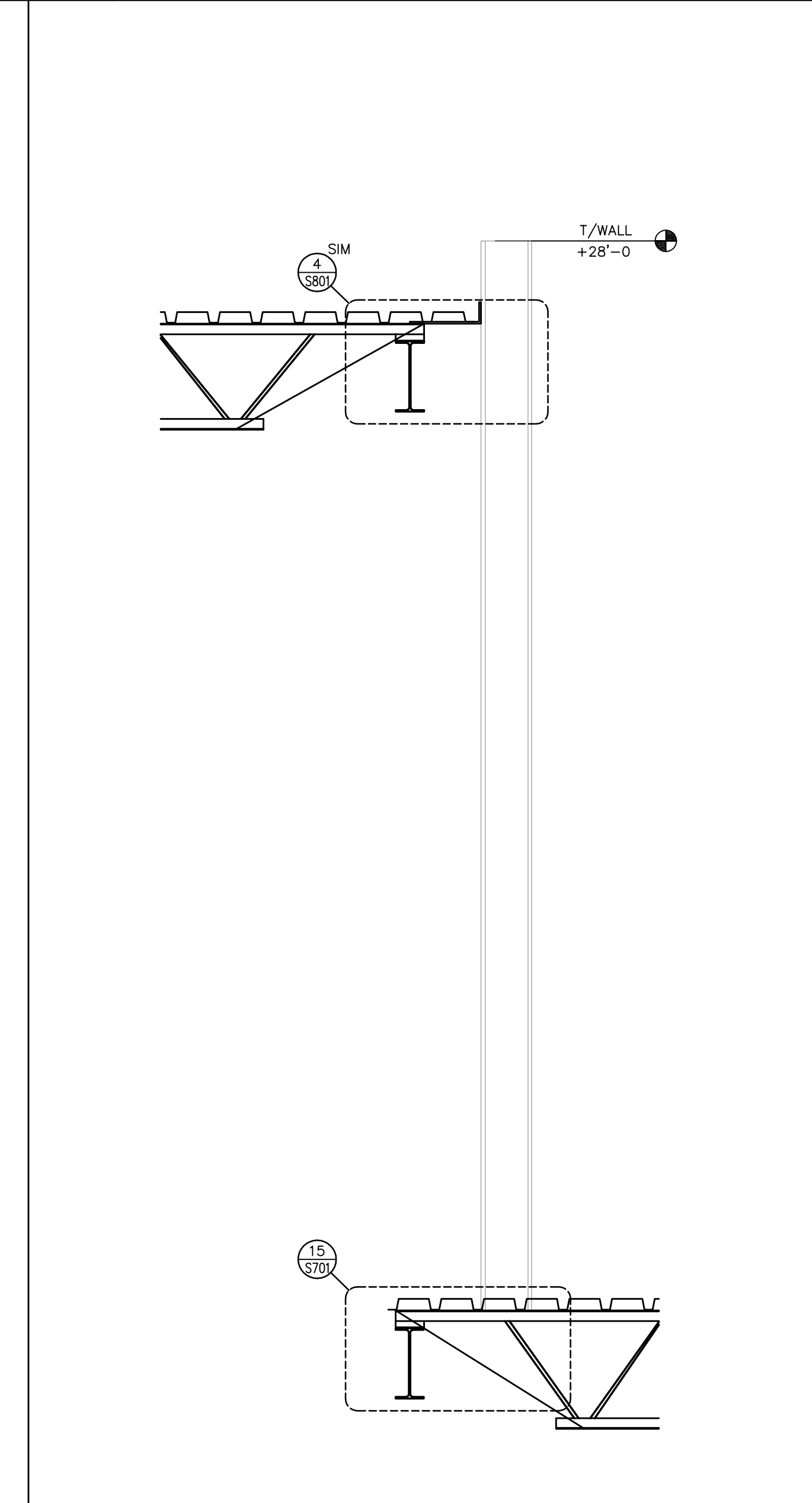
7 S110 SECTION SCALE: 3/4" = 1'-0"



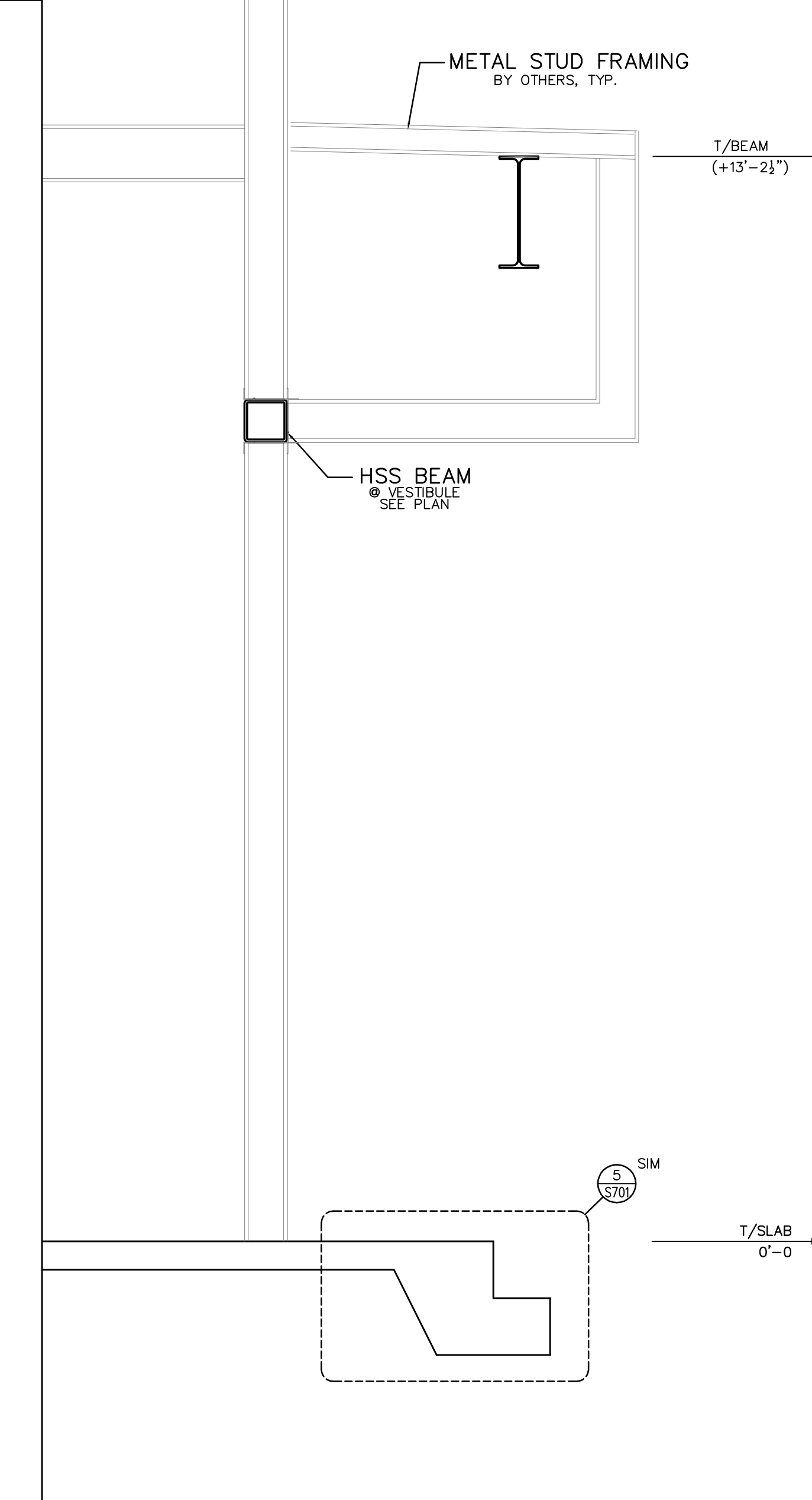
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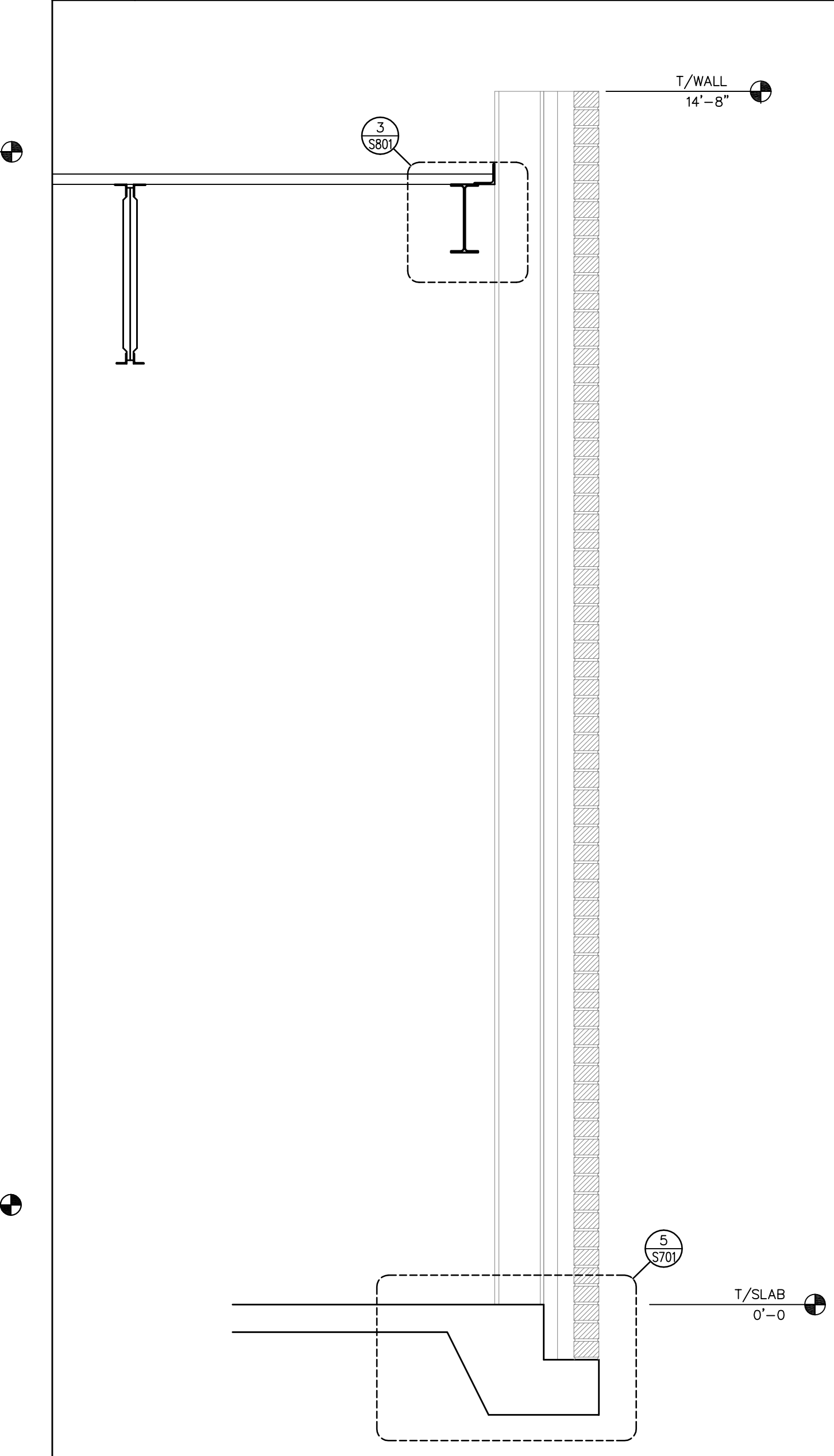
3 S110 SECTION SCALE: 3/4" = 1'-0"



2 S110 SECTION SCALE: 3/4" = 1'-0"



1 S110 SECTION SCALE: 3/4" = 1'-0"



6 S110 SECTION SCALE: 3/4" = 1'-0"

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C-3479

Project

**THE HEALING PLACE OF
 NEW HANOVER COUNTY**

1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

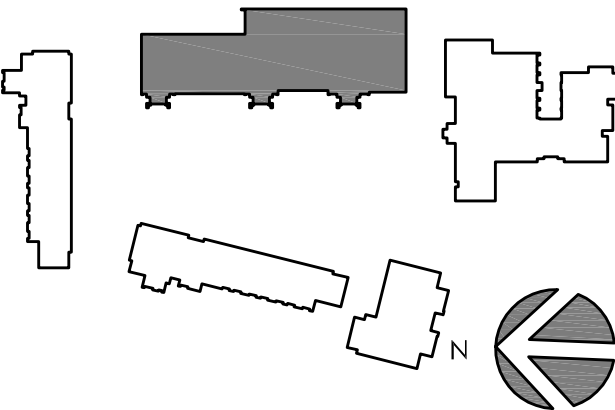
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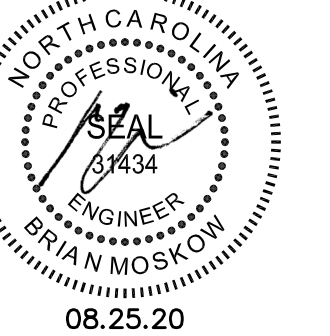
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Professional Seal



No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
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D	FOR CONSTRUCTION	08/25/20

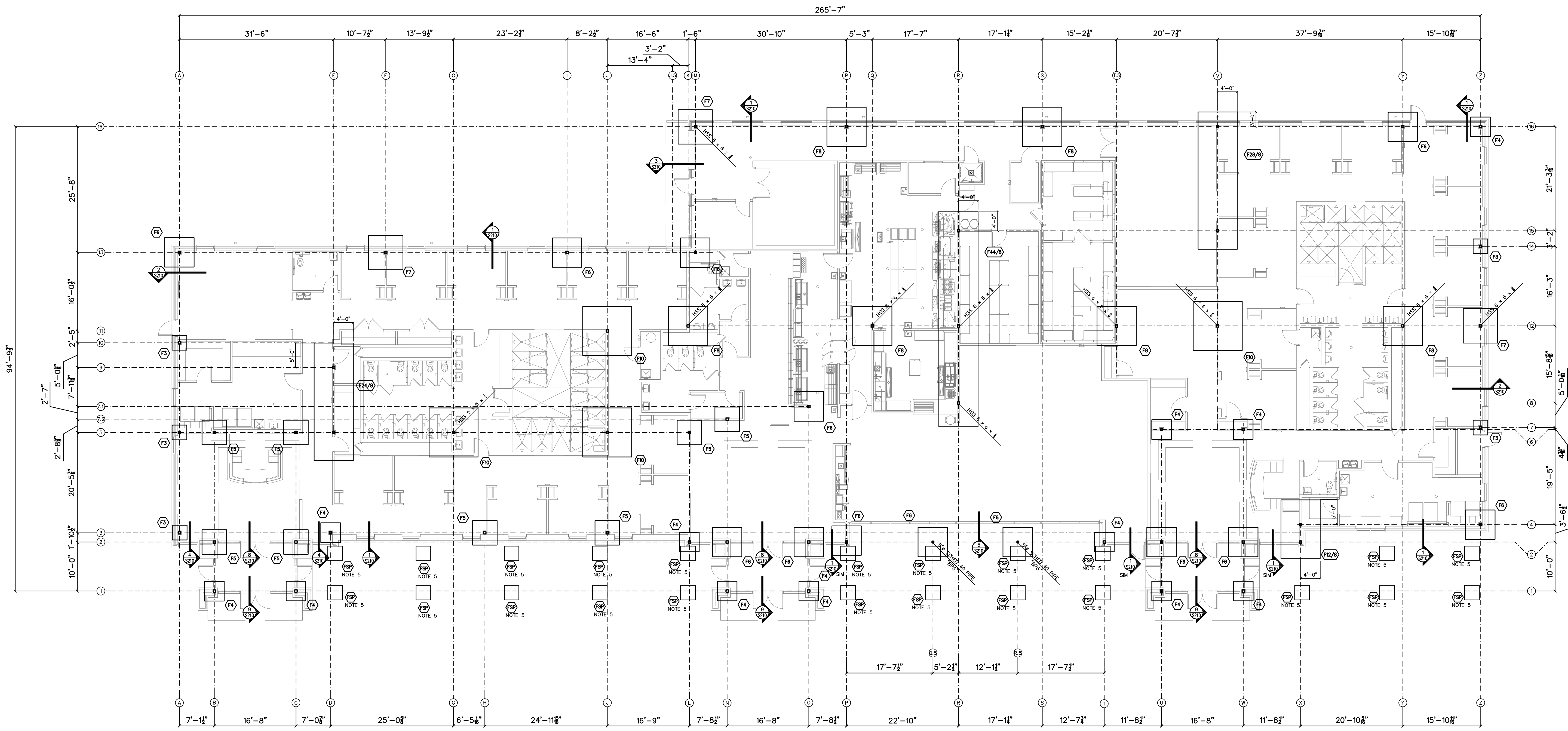
Project Code: 18HTWILMING

Sheet Title

**DINING/SHELTER/STORAGE
 FOUNDATION PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-201



- NOTES:
- 1.) ALL COLUMNS TO BE HSS 6 x 6 x 3/8 U.N.O. SEE DETAIL 1/S601 FOR TYPICAL COLUMN BEARING.
 - 2.) F.T.O. ELEV. = (-1'-4") BELOW FIN. FLR.
 - 3.) CONCRETE FOR FTGS TO BE 3000psi 28-DAY COMPRESSIVE STRENGTH.
 - 4.) FX DENOTES FOOTING TYPE. SEE SCHEDULE ON S001.
 - 5.) "TSP" DENOTES 3'-0" x 3'-0" x 36" FTG BY OTHERS FOR LOGGIA. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
 - 6.) ALL BASE PLATES TO BE TYPE "BPT" TYP UNQ. SEE DETAIL 2/S601 FOR ADDITIONAL INFORMATION.

1

S201 FOUNDATION PLAN

SCALE: 3/32" = 1'-0"

X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:
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**THE HEALING PLACE OF
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1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

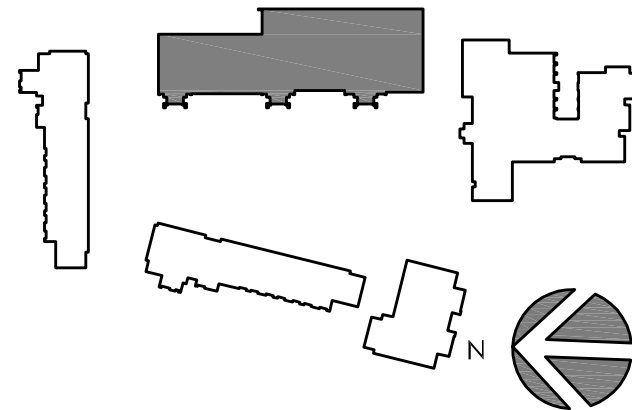
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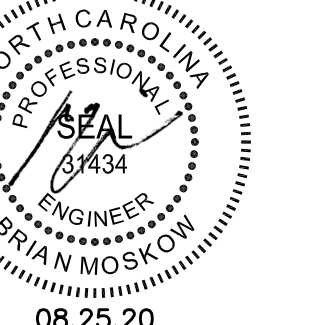
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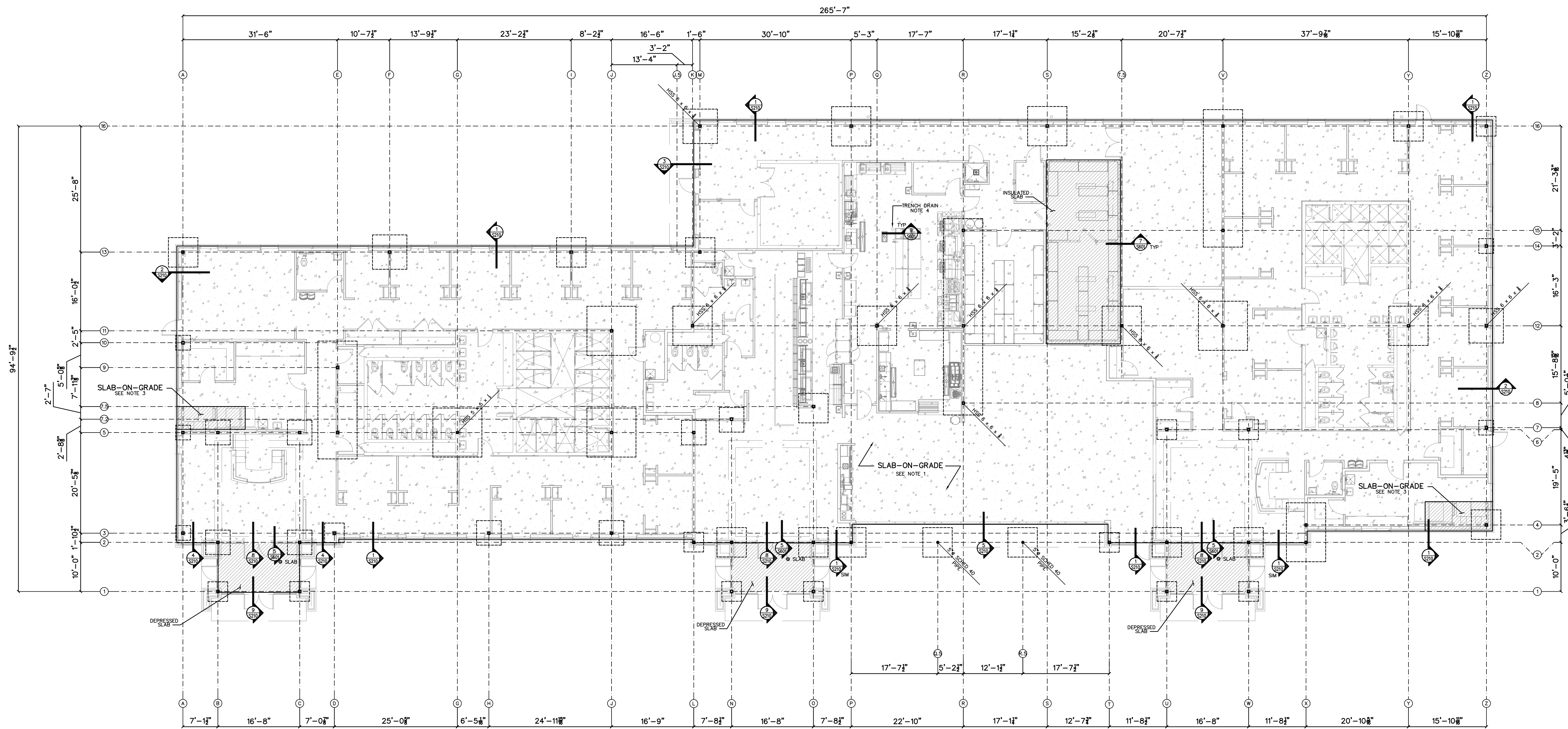
No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

Project Code: 18HTWILMING
 Sheet Title

**DINING/SHELTER/STORAGE
 SLAB-ON-GRADE PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-202



- NOTES:
- 1.) FLOOR SLAB ON GRADE IS 4" NORMAL WEIGHT CONCRETE, 3000psi 28-DAY COMPRESSIVE STRENGTH, WITH 6x6-W2.1xW2.1 WELDED WIRE FABRIC ON A 6" POROUS GRAVEL AND 10MIL POLY VAPOR BARRIER (UNO).
 - 2.) CONTRACTOR SHALL VERIFY AND COORDINATE THE LOCATION, SIZE, TYPE AND DIRECTION OF ALL THICKENED SLABS, PADS, DEPRESSIONS, RECESSED SLABS, BOLTS, SLEEVES, ANCHORS, INSERTS, OPENINGS, ETC. TO BE SET OR CAST IN CONCRETE, PRIOR TO CONCRETE PLACEMENT.
 - 3.) FLOOR SLAB ON GRADE IS 6" NORMAL WEIGHT CONCRETE, 3000psi 28-DAY COMPRESSIVE STRENGTH, WITH 6x6-W2.1xW2.1 WELDED WIRE FABRIC ON A 6" POROUS GRAVEL AND 10MIL POLY VAPOR BARRIER (UNO).
 - 4.) COORDINATE TRENCH DRAIN LOCATIONS w/ PLUMBING PLANS.
 - 5.) SEE SHEET S701 FOR TYPICAL SLAB DETAILS.

1
 S202 SLAB-ON-GRADE PLAN

SCALE: 3/32" = 1'-0"

X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:
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**THE HEALING PLACE OF
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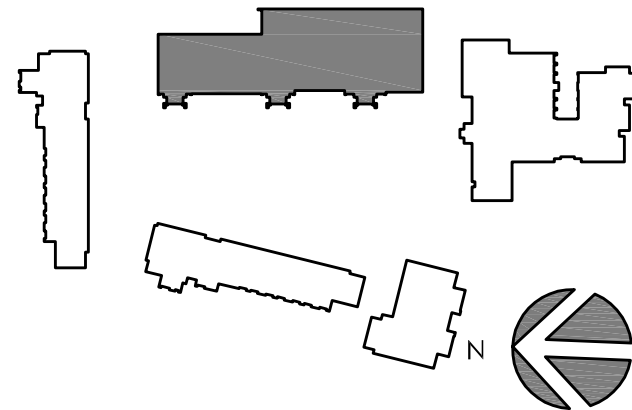
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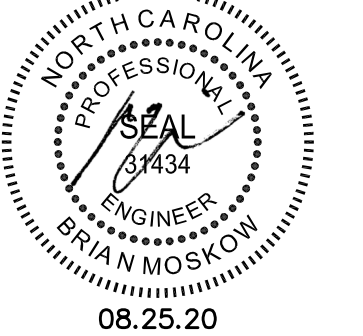
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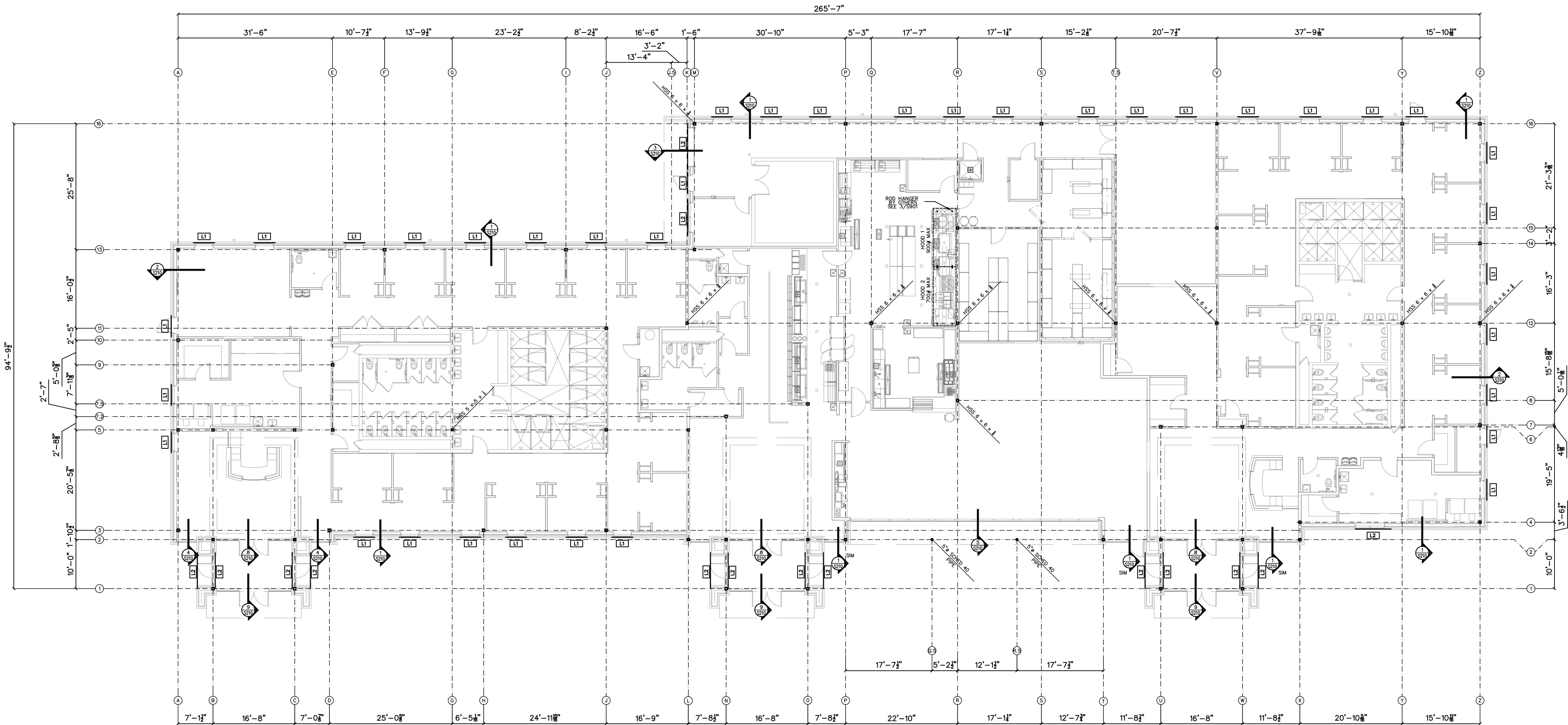
Project Code: 16HTWILMING

Sheet Title

**DINING/SHELTER/STORAGE
 BUILDING LINTEL PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-203



NOTES:
 1.) LX DENOTES LOOSE LINTEL TYPE. SEE SCHEDULE ON 5001.

1

S203 LINTEL PLAN

SCALE: 3/32" = 1'-0"

X
 SXXX NOT USED

SCALE: X
 SXXX NOT USED

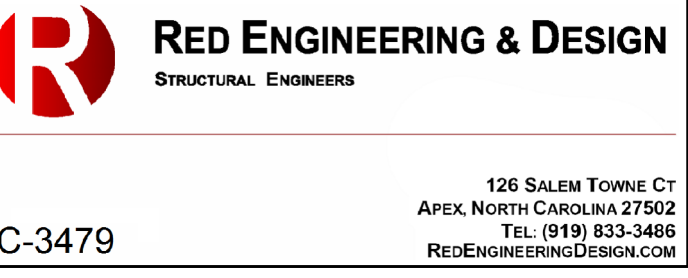
SCALE: X
 SXXX NOT USED

SCALE: X
 SXXX NOT USED

SCALE: X
 SXXX NOT USED

SCALE:

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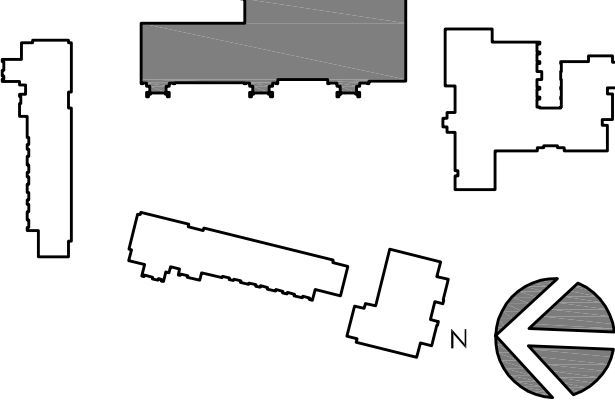
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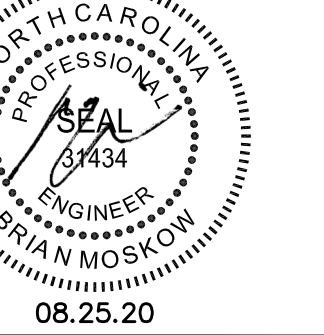
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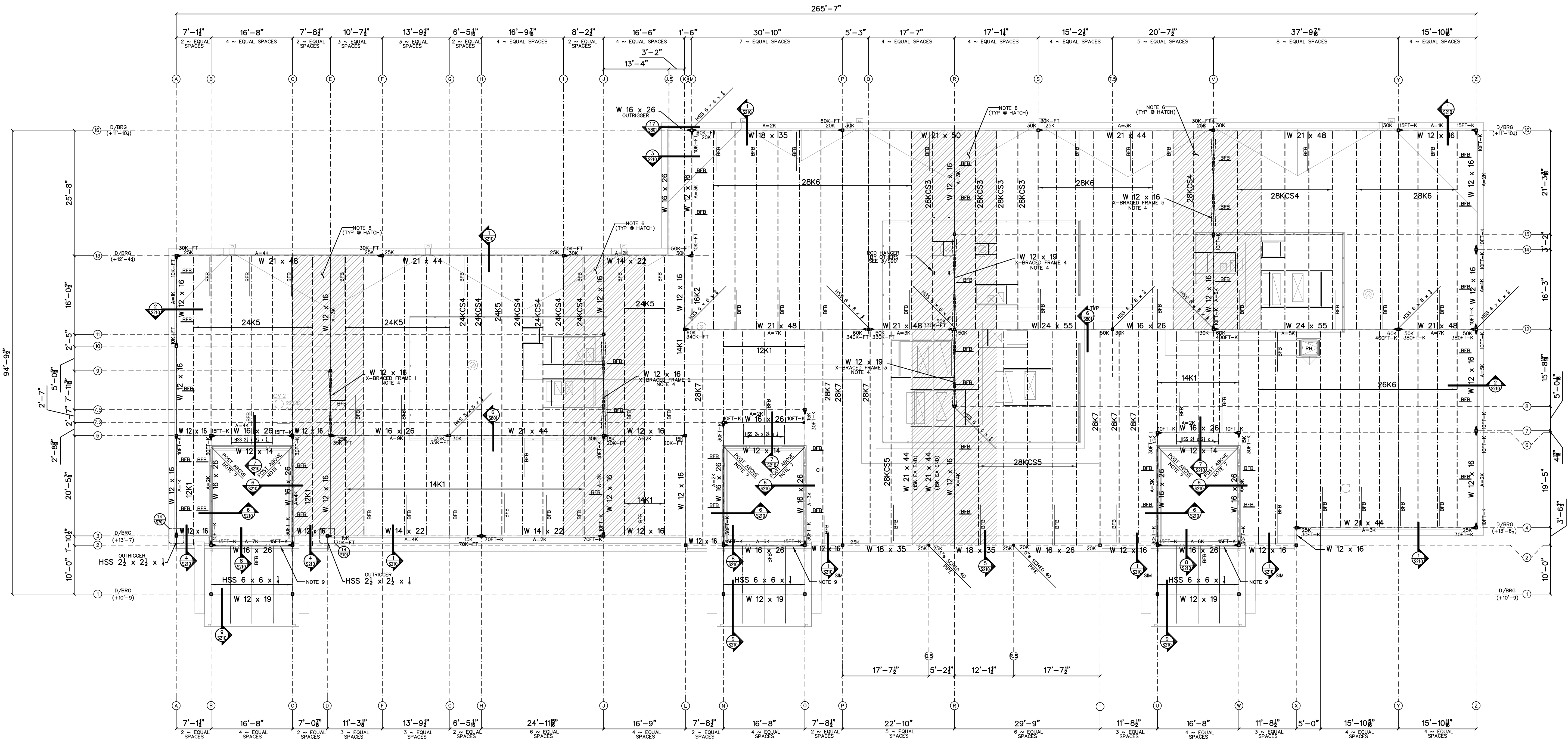


No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

Project Code: 18HTWILMING
 Sheet Title
**DINING/SHELTER/STORAGE
 BUILDING LOW ROOF
 PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing
 Sheet Number

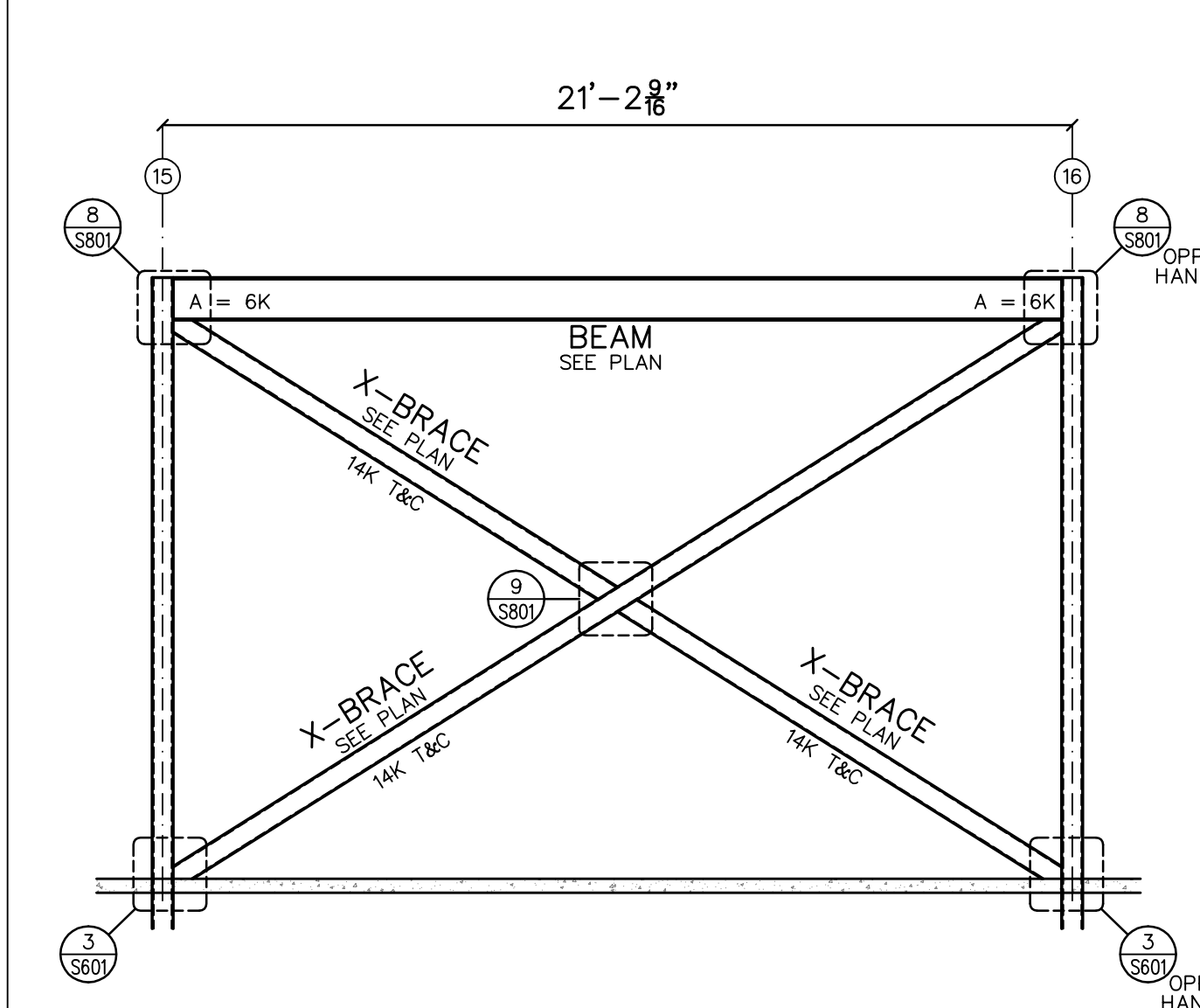
S-204



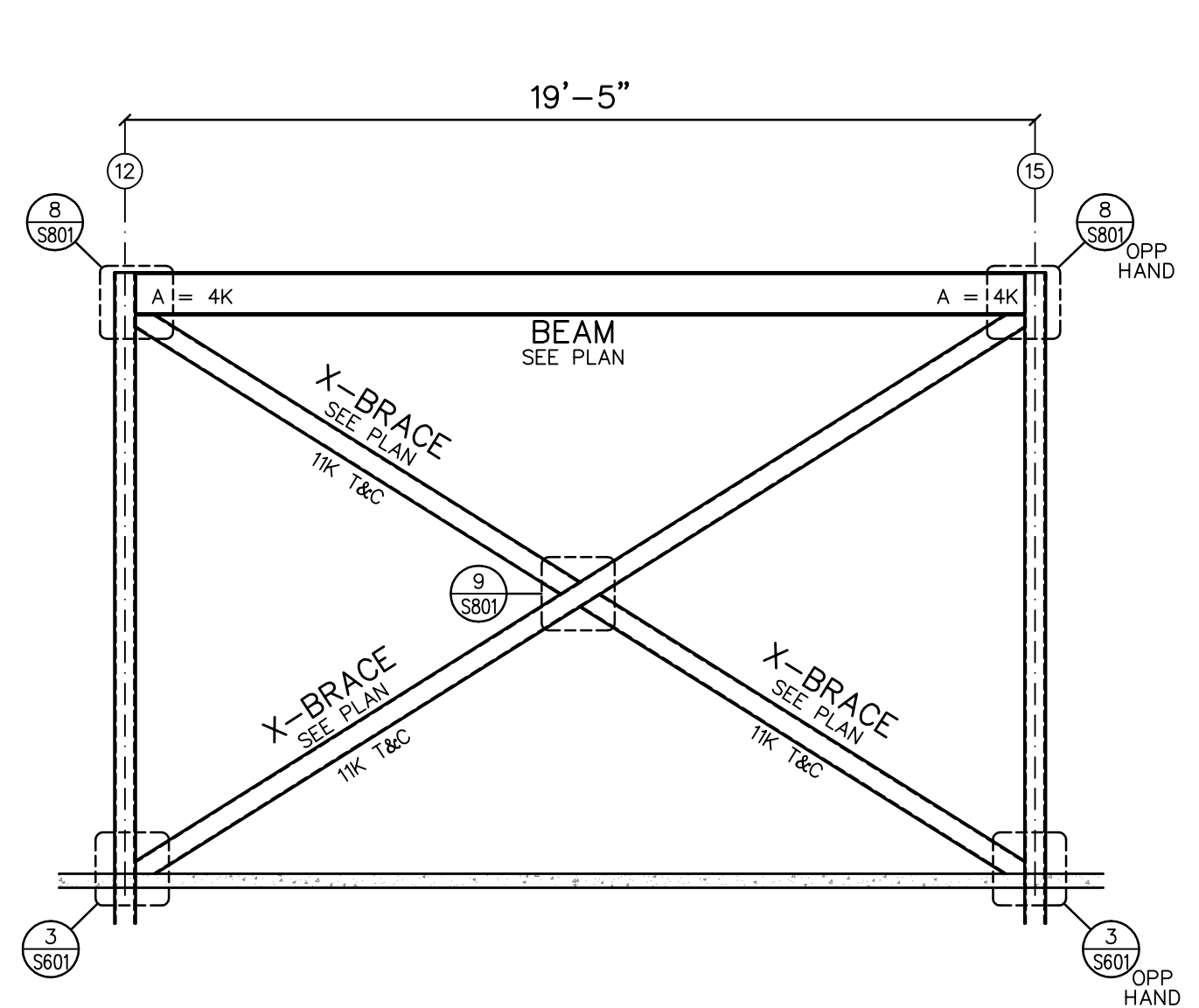
- NOTES:
- 1) ALL COLUMNS TO BE HSS 6 x 6 x 1/4 U.N.D.
 - 2) BFB = L 3 x 3 x 3, BOTTOM FLANGE BRACE.
 - 3) # = INDICATES MOMENT CONNECTION.
 - 4) ALL X-BRACING TO BE HSS 6 x 6 x 1/4 U.N.D.
 - 5) ROOF DECK TO BE WELDED 1/8" DIA SEE DETAIL 7/800 (DINING AREA 1) FOR TYPICAL ATTACHMENT.
 - 6) SEE DETAIL 7/800 (DINING AREA 2) FOR ROOF DECK ATTACHMENT OVER INDICATED (HATCHED) AREAS ON PLAN.
 - 7) SEE DETAIL 2/800 FOR POST ABOVE ATTACHMENT TO BEAM BELOW.
 - 8) LOADS SHOWN AS "A=XXX" DENOTE AXIAL LOADS.
 - 9) TOP UP STEEL TO BE SET @ 11'-3" A.F.F. INDICATED BEAMS.
 - 10) SEE SHEET S201 FOR TYPICAL RTU SUPPORT/ROOF SCREEN DETAILS.

1
 S204 LOW ROOF PLAN

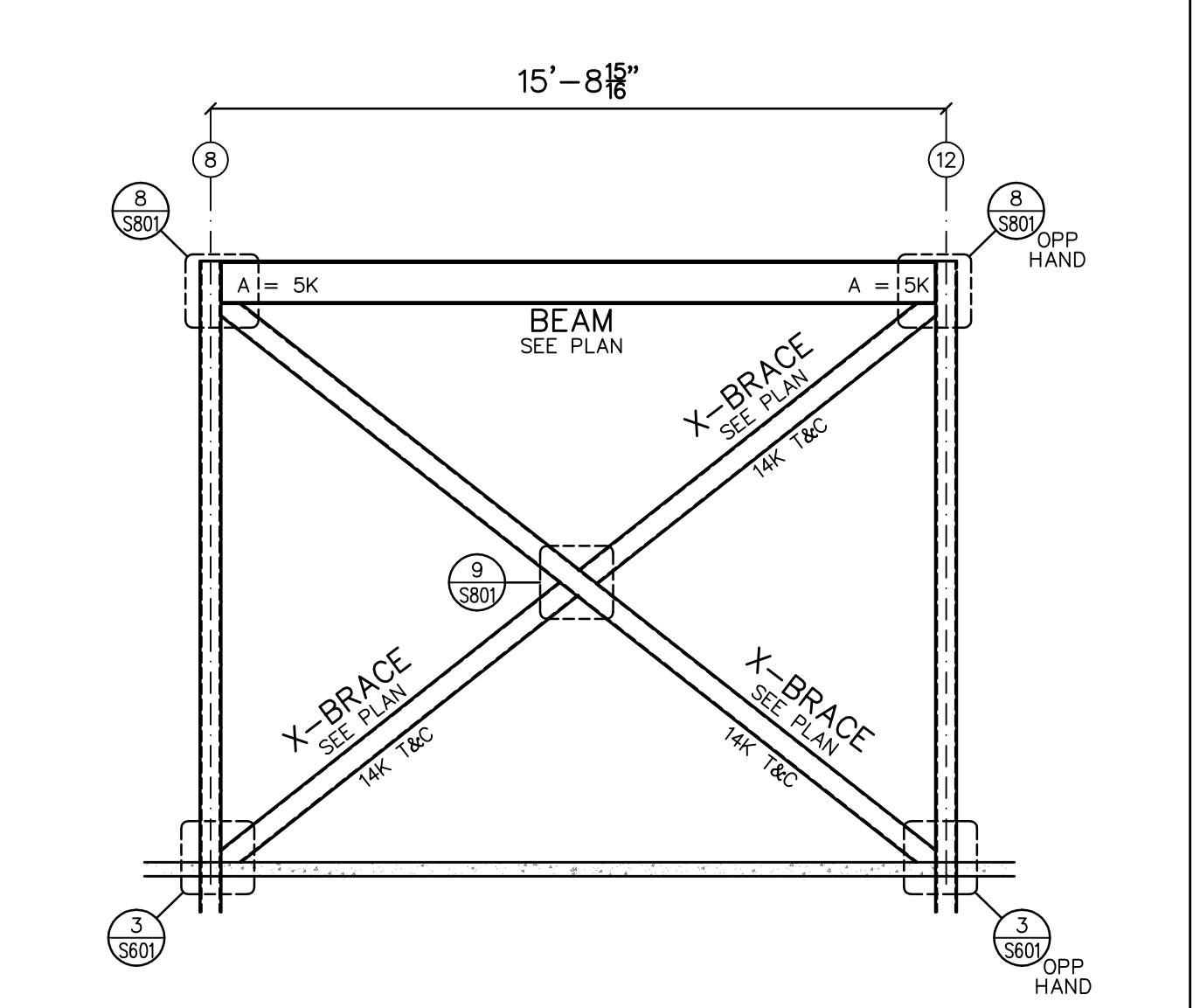
SCALE: 3/32" = 1'-0"



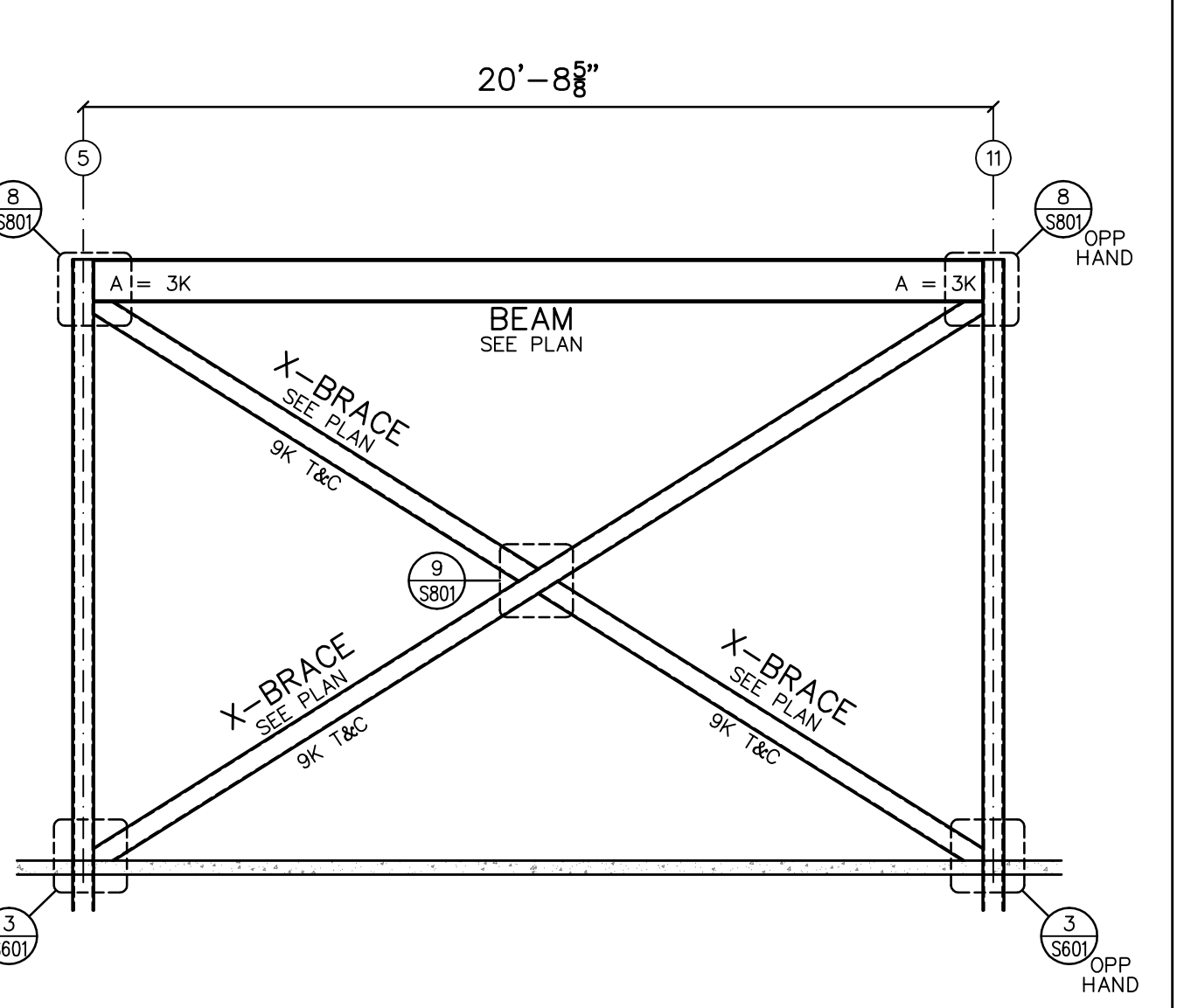
6
 S204 X-FRAME 5
 SCALE: 1" = 1'-0"



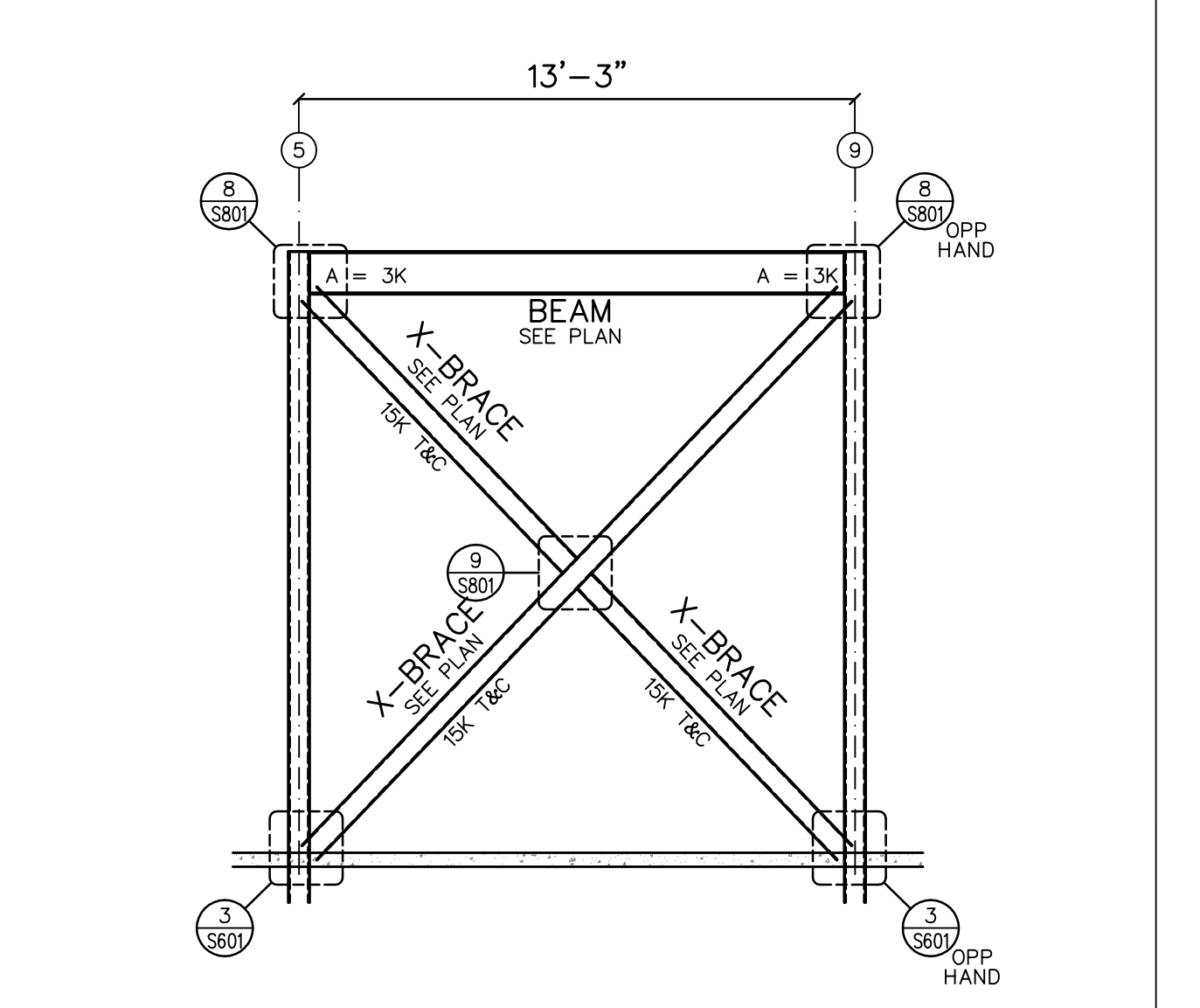
5
 S204 X-FRAME 4
 SCALE: 1" = 1'-0"



4
 S204 X-FRAME 3
 SCALE: 1" = 1'-0"



3
 S204 X-FRAME 2
 SCALE: 1" = 1'-0"



2
 S204 X-FRAME 1
 SCALE: 1" = 1'-0"

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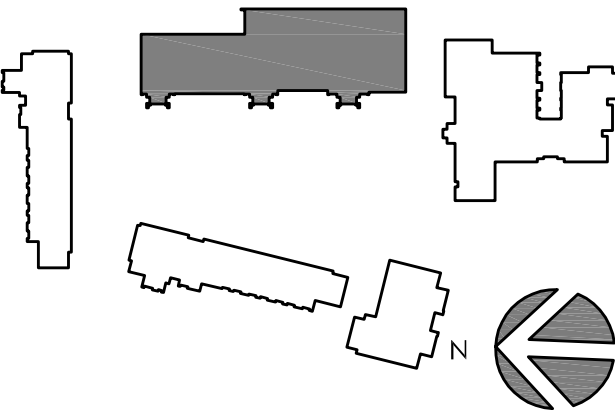
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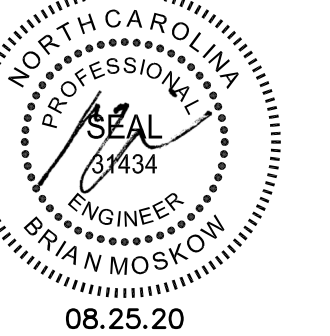
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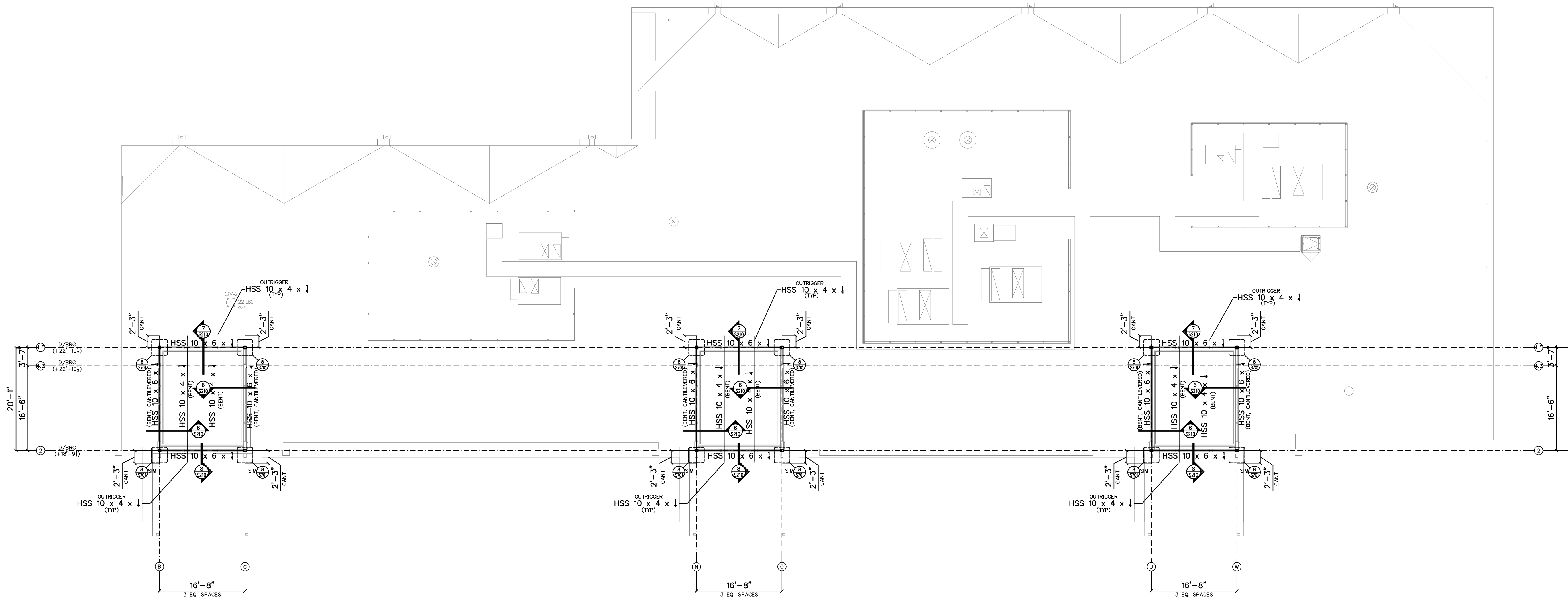
Key Plan



Professional Seal



No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
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- NOTES:
 1.) ALL HSS BEAMS TO BE INSTALLED LONG LEG VERTICAL (LLV), U.N.O.
 2.) ALL COLUMNS TO BE HSS 6 x 6 x 1/4 TYP, U.N.O.
 3.) ROOF DECK TO BE VULCRAFT 1.5B/20. SEE DETAIL 7/SB01 (DINING AREA 1) FOR TYPICAL ATTACHMENT.

1
 S205 HIGH ROOF PLAN

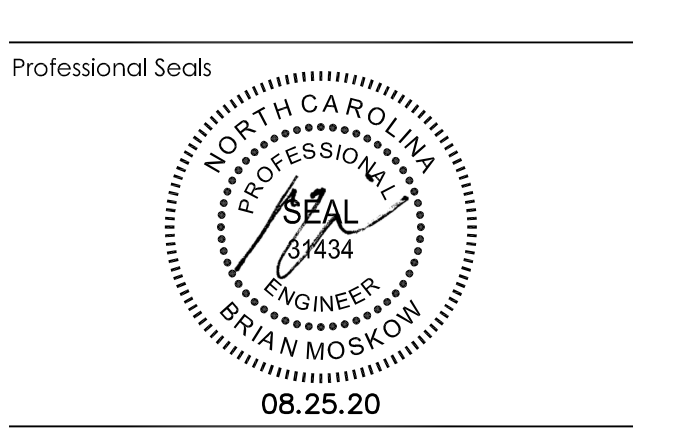
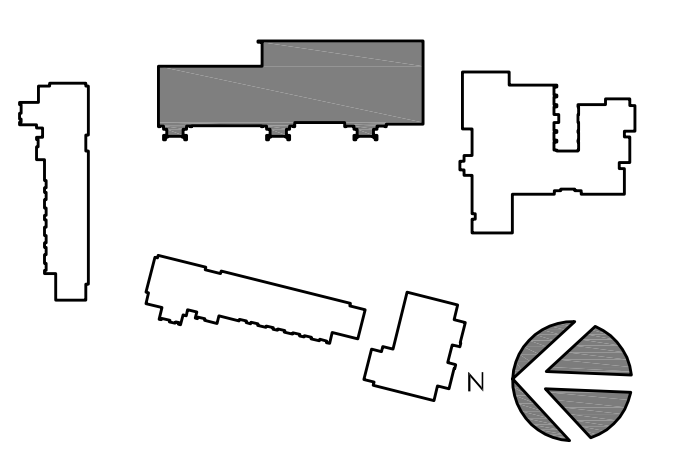
SCALE: 3/32" = 1'-0"

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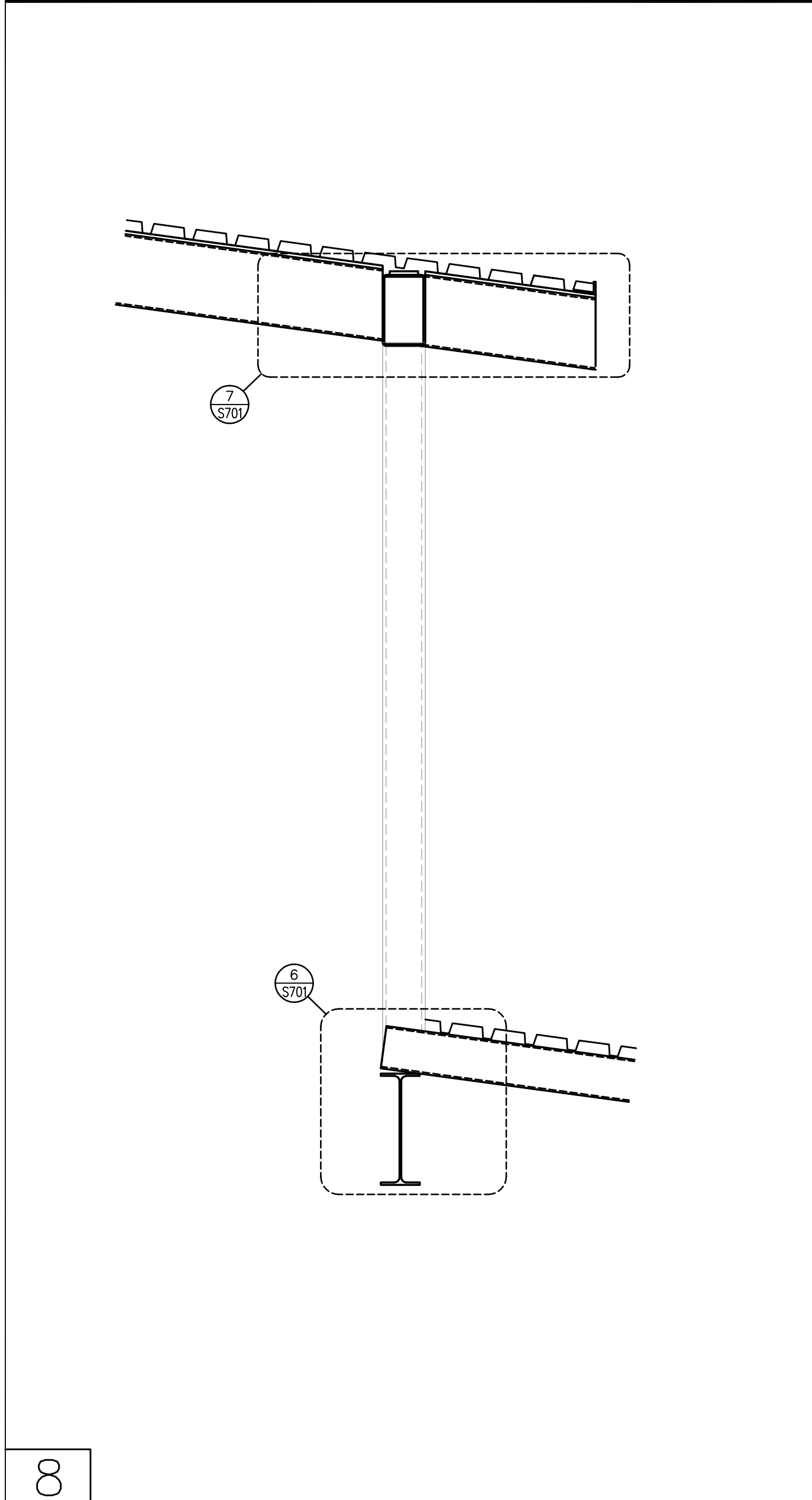
Project Code: 18HTWILMING
 Sheet Title
**DINING/SHELTER/STORAGE
 BUILDING HIGH ROOF
 PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

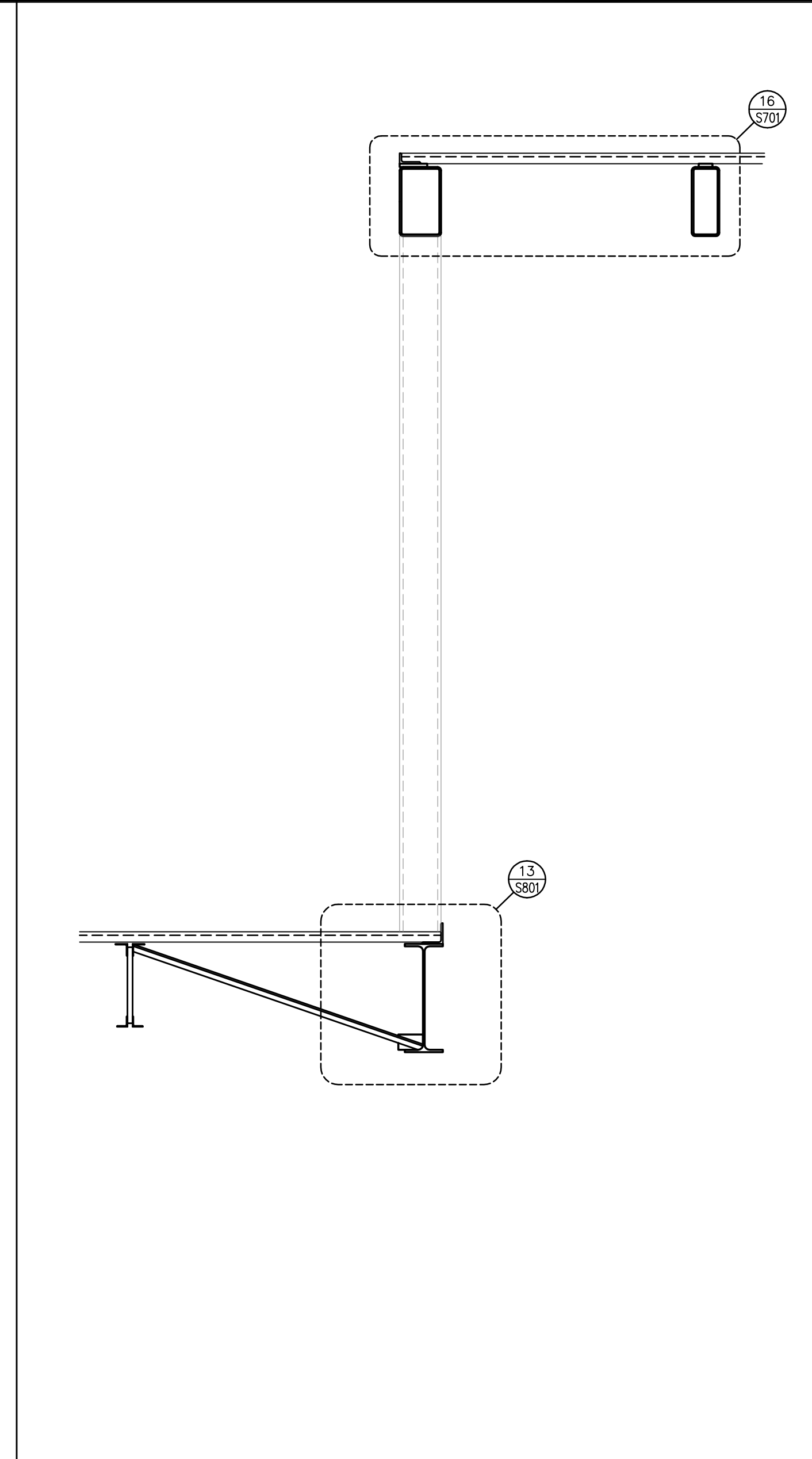
S-205



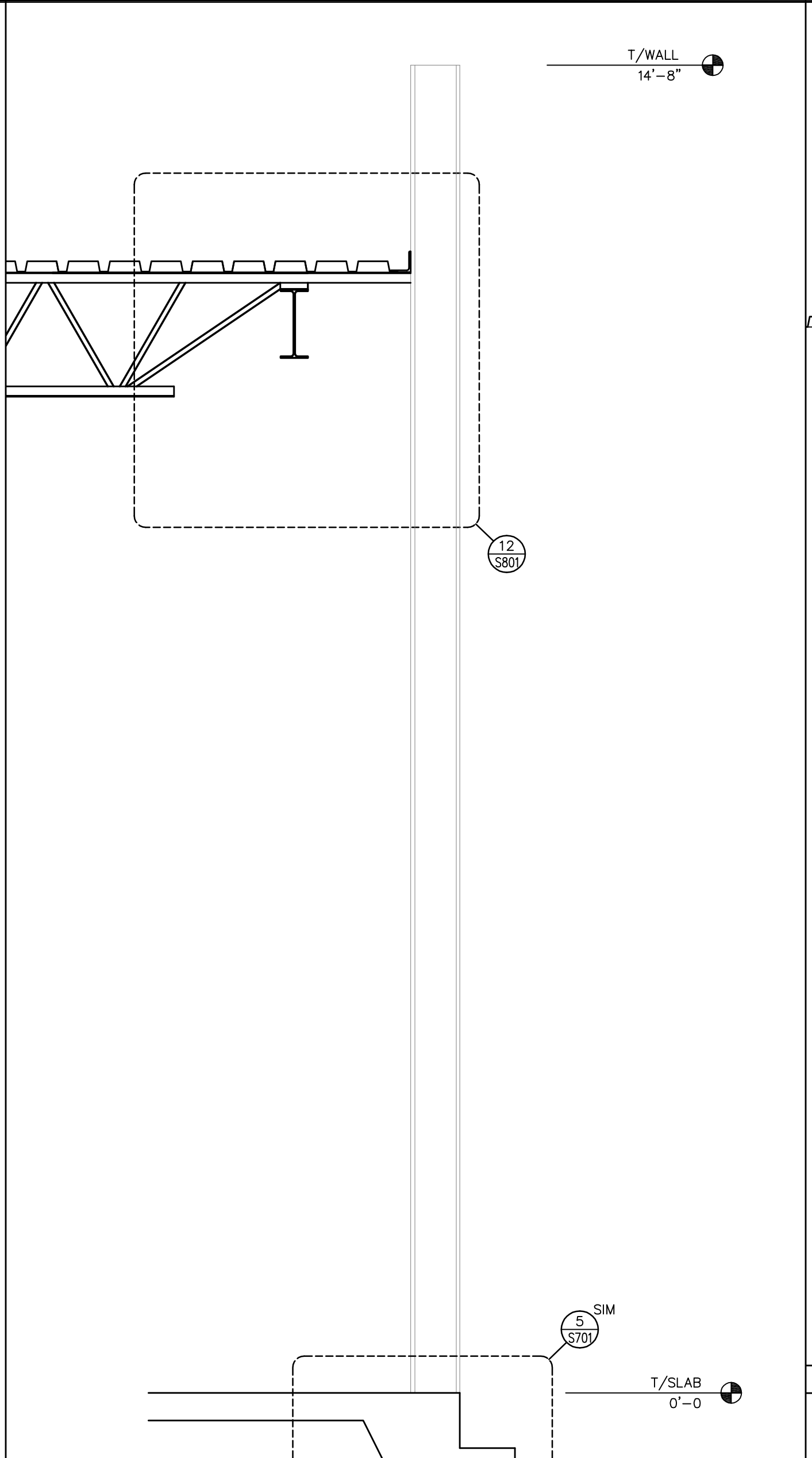
No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20



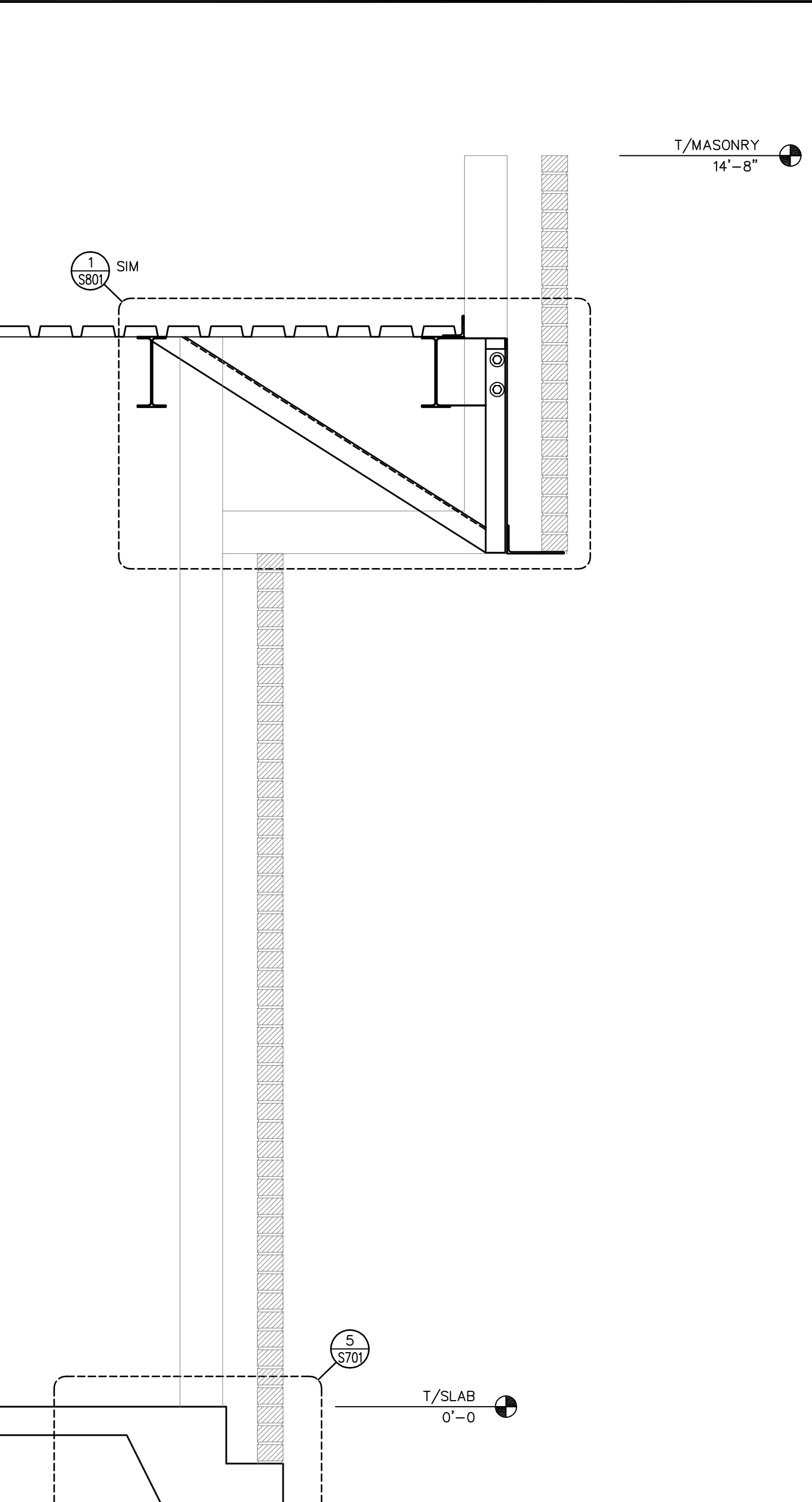
8 S210 SECTION SCALE: 3/8" = 1'-0"



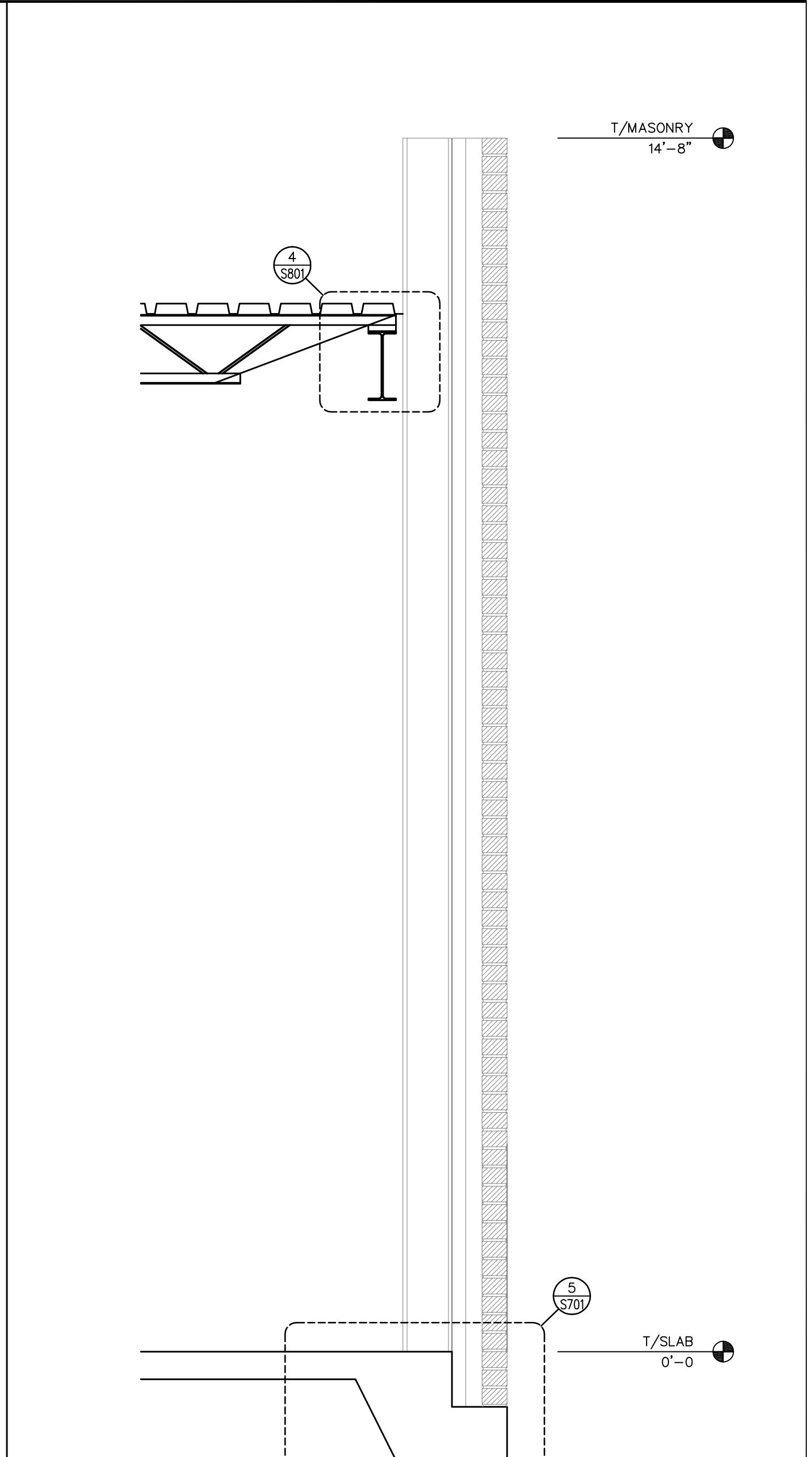
6 S210 SECTION SCALE: 3/8" = 1'-0"



4 S210 SECTION SCALE: 3/8" = 1'-0"



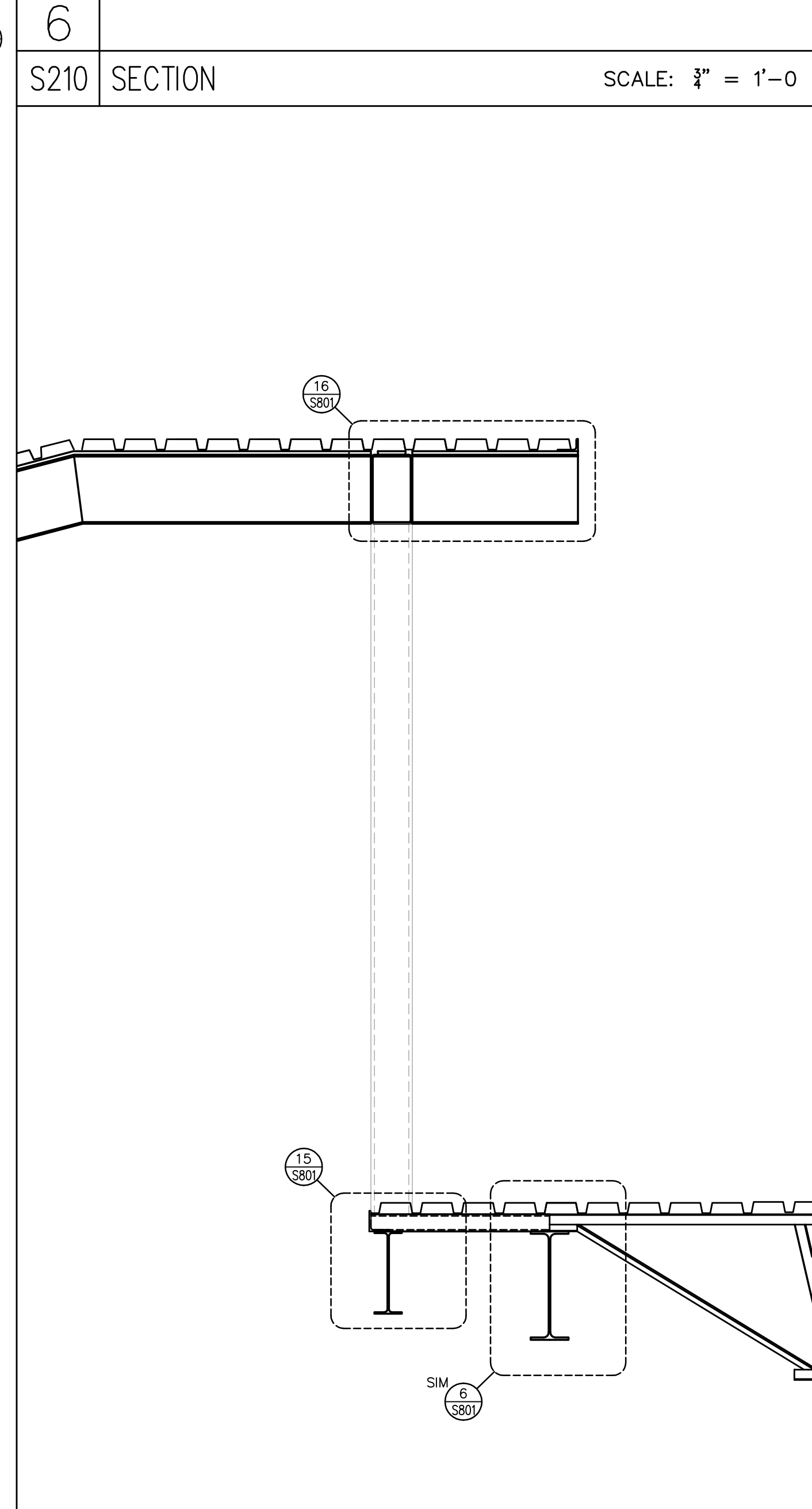
3 S210 SECTION SCALE: 3/8" = 1'-0"



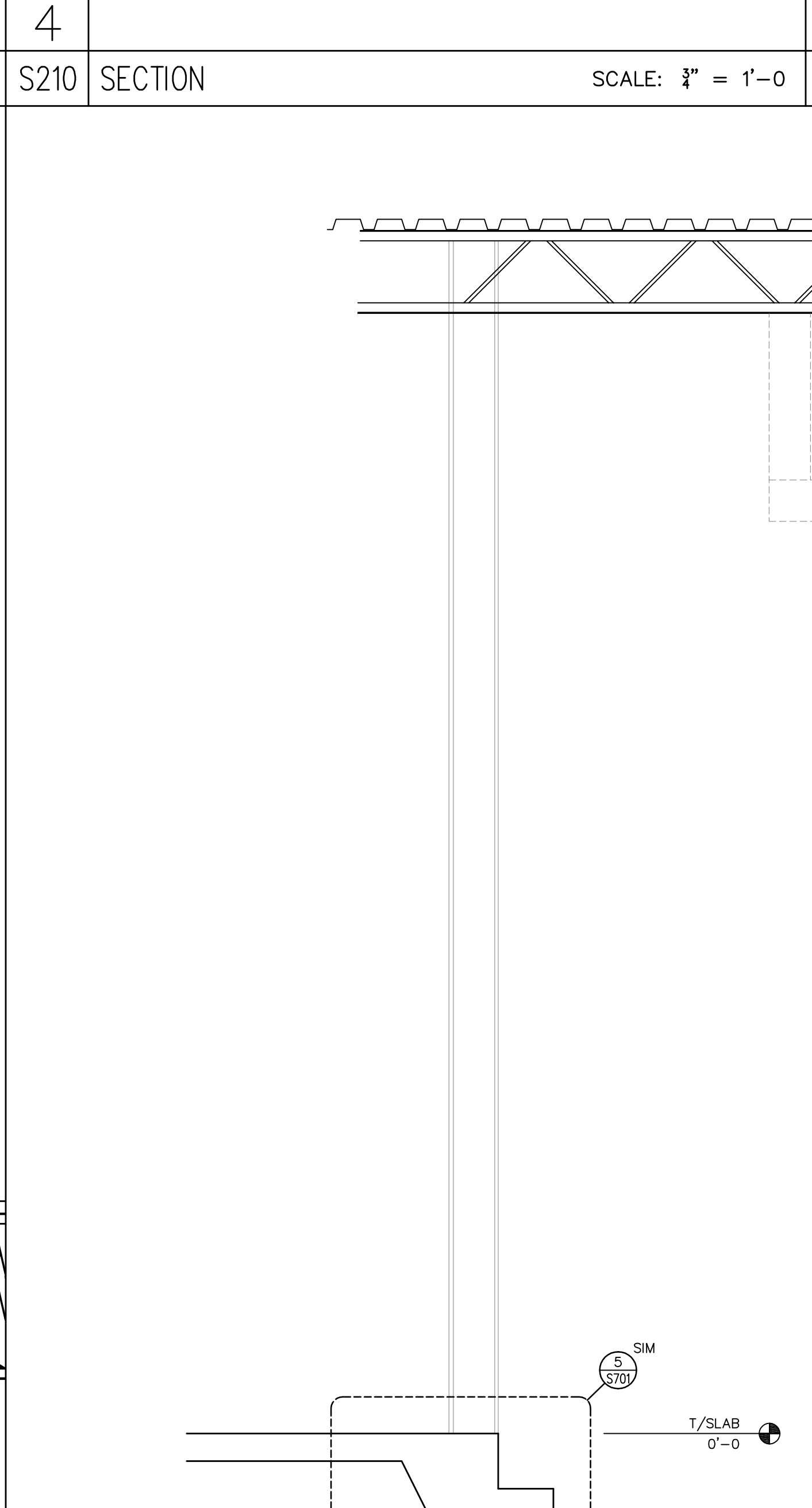
1 S210 SECTION SCALE: 3/8" = 1'-0"



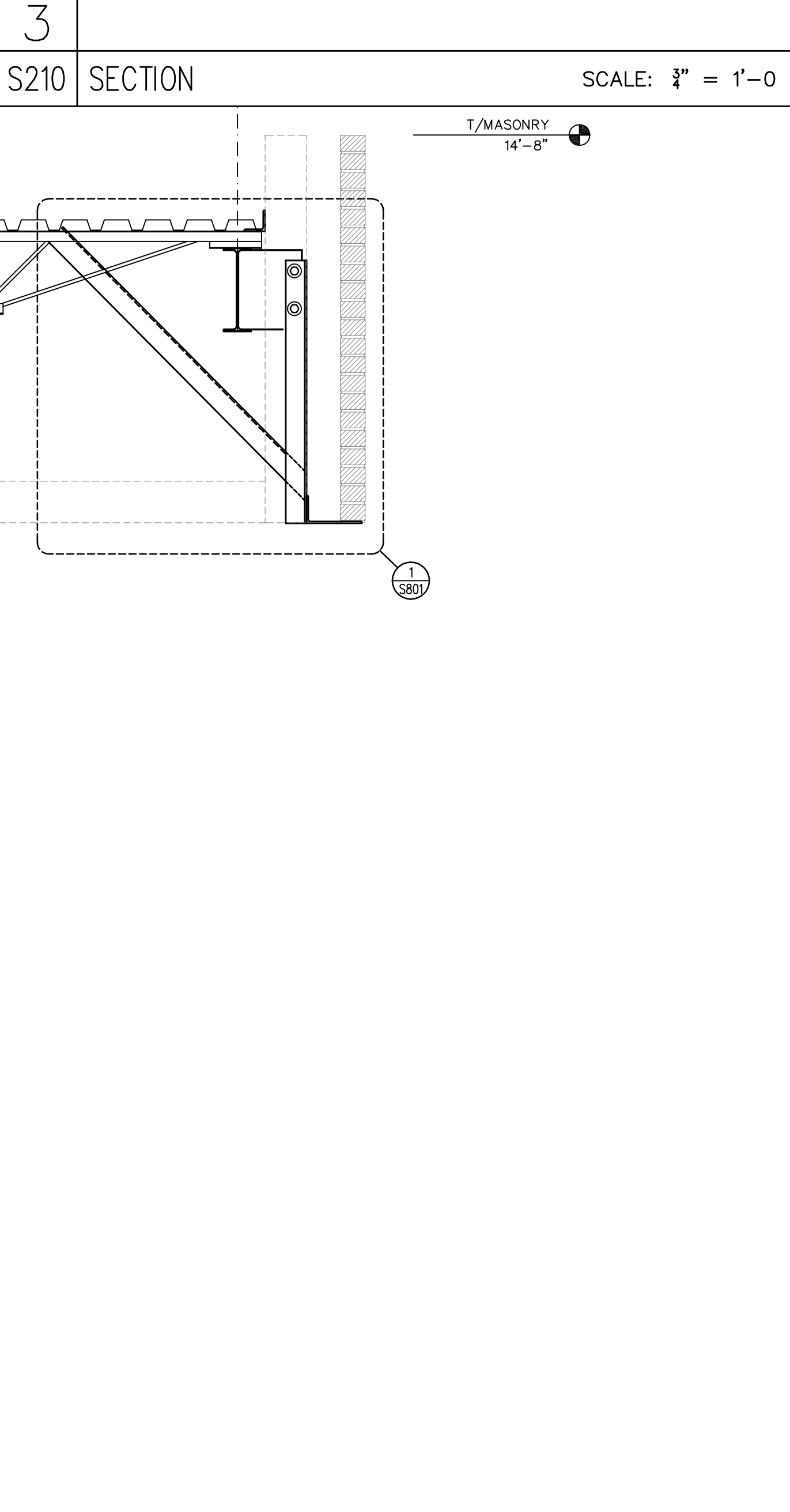
9 S210 SECTION SCALE: 3/8" = 1'-0"



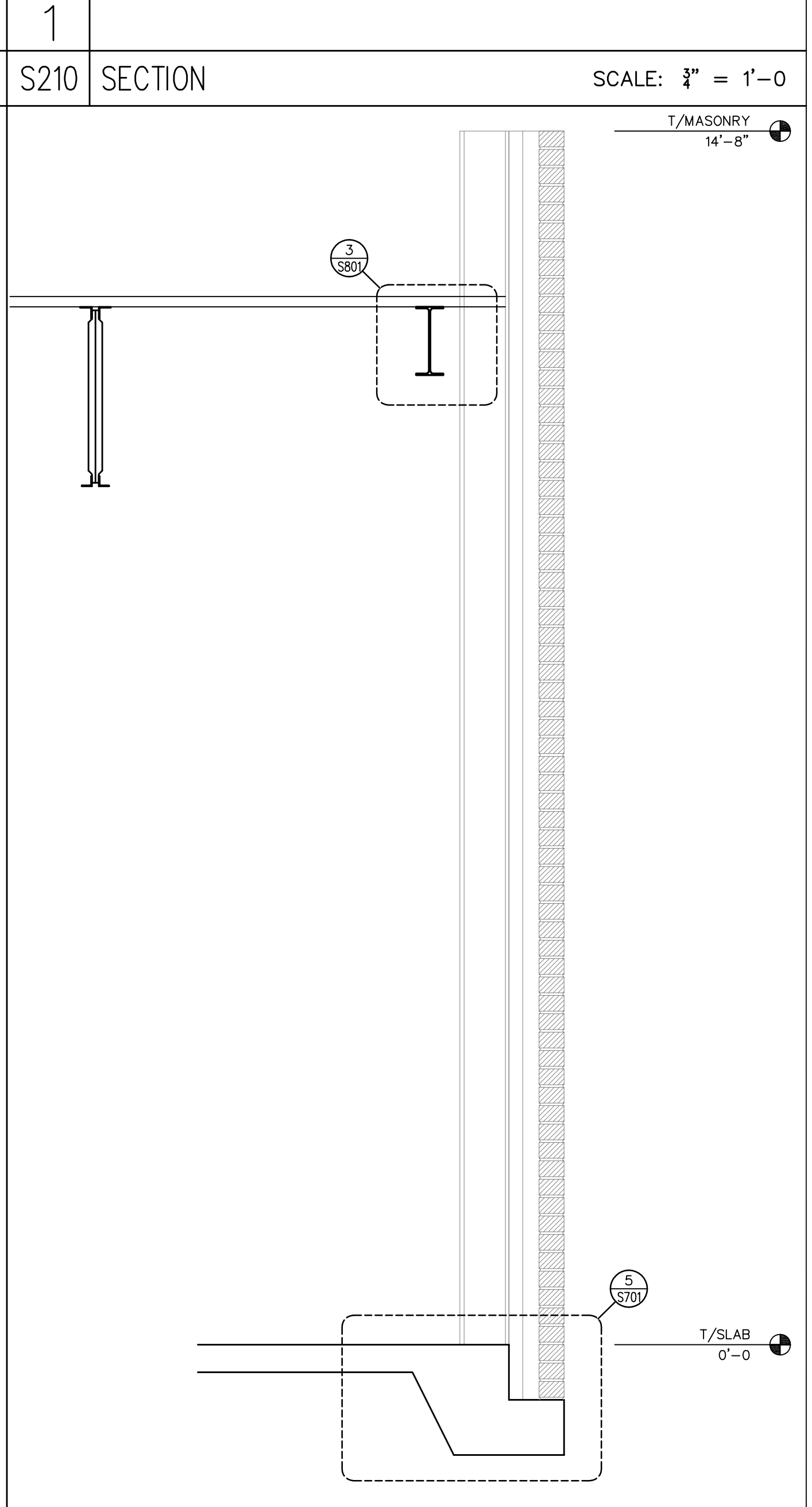
7 S210 SECTION SCALE: 3/8" = 1'-0"



5 S210 SECTION SCALE: 3/8" = 1'-0"



2 S210 SECTION SCALE: 3/8" = 1'-0"



1 S210 SECTION SCALE: 3/8" = 1'-0"

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**THE HEALING PLACE OF
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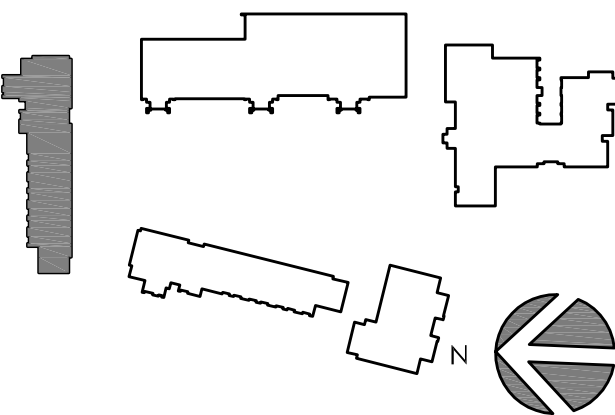
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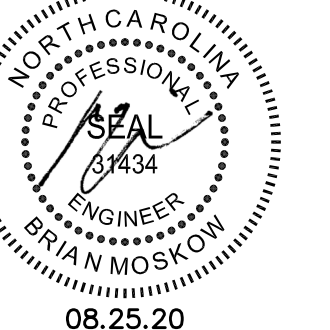
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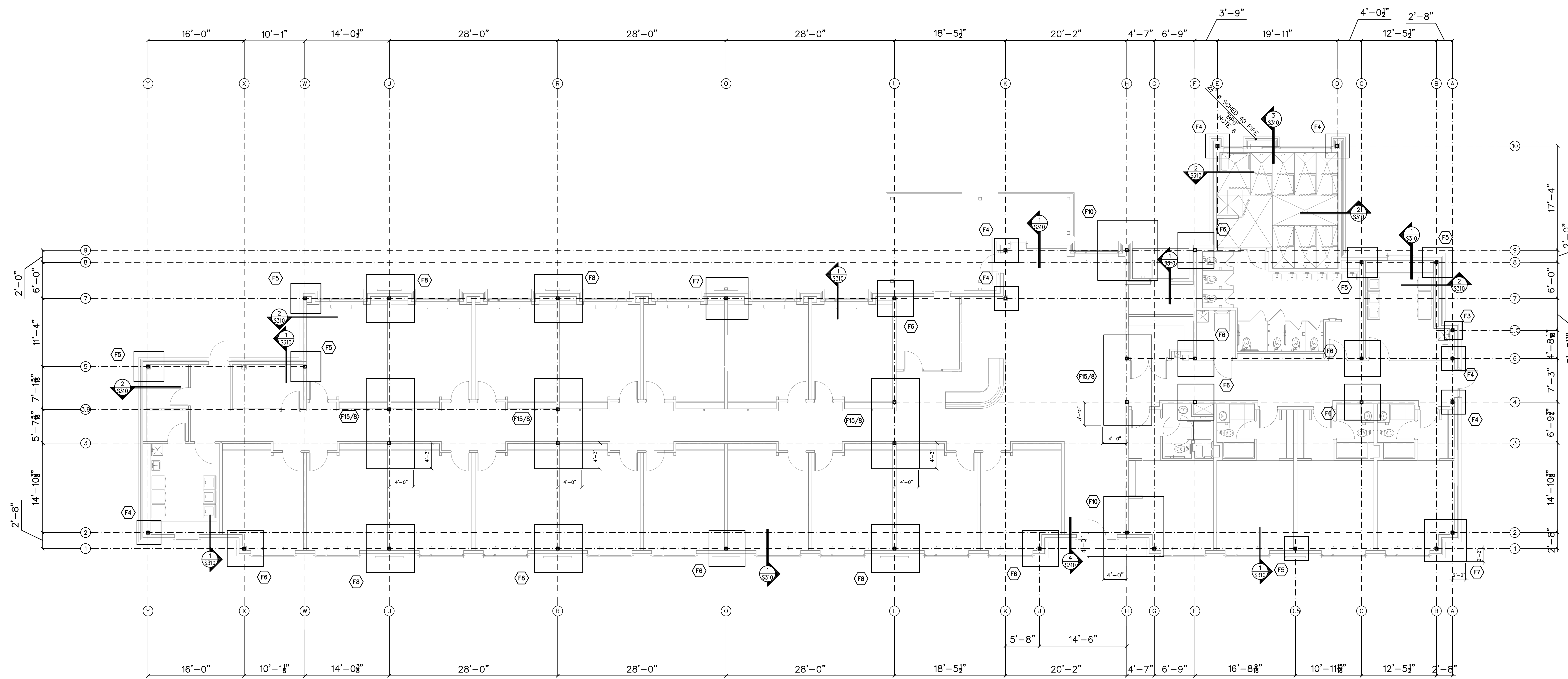
Project Code: 18HTWILMING

Sheet Title

**WOMEN'S RESIDENTIAL
 BUILDING FOUNDATION
 PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-301



- NOTES:
- 1.) ALL COLUMNS TO BE HSS 6 x 6 x 3/8 U.N.O. SEE DETAIL 1/S601 FOR TYPICAL COLUMN BEARING.
 - 2.) T/FTG ELEV = (-1'-4") BELOW FIN. FLR.
 - 3.) CONCRETE FOR FTGS TO BE 3000psi 28-DAY COMPRESSIVE STRENGTH.
 - 4.) FX DENOTES FOOTING TYPE. SEE SCHEDULE ON S301.
 - 5.) ALL BASE PLATES TO BE TYPE "BPI" TYP UNO. SEE DETAIL 2/S601 FOR ADDITIONAL INFORMATION.
 - 6.) COLUMN IS NON-STRUCTURAL - REFER TO ARCHITECTURAL PLANS FOR LOCATION.

1

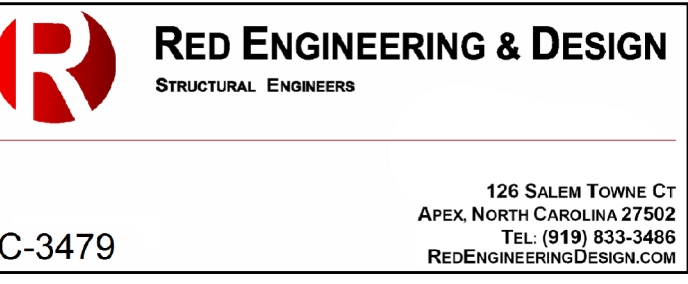
S301 FOUNDATION PLAN

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

X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:
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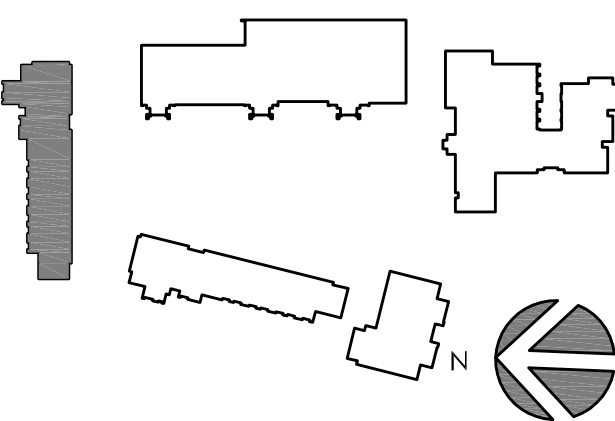
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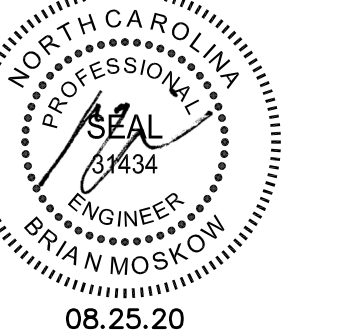
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D	FOR CONSTRUCTION	08/25/20

Project Code: 18HTWILMING

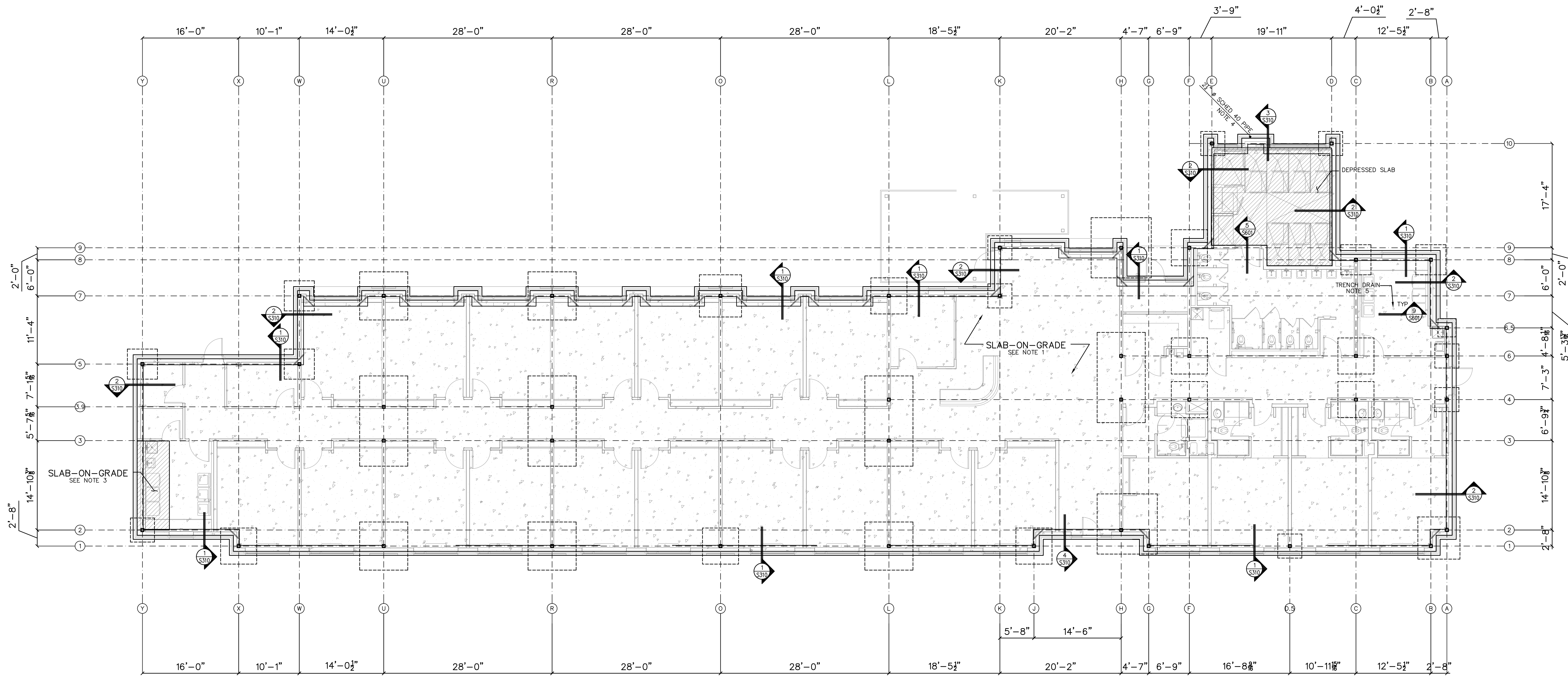
Sheet Title

**WOMEN'S RESIDENTIAL
 BUILDING
 SLAB-ON-GRADE PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.

Sheet Number

S-302



- NOTES:
- 1.) FLOOR SLAB ON GRADE IS 4" NORMAL WEIGHT CONCRETE, 3000psi 28-DAY COMPRESSIVE STRENGTH, WITH 6x6-W2xW2.1 WELDED WIRE FABRIC ON A 6" POROUS GRAVEL AND 10MIL POLY VAPOR BARRIER (UNO).
 - 2.) CONTRACTOR SHALL VERIFY AND COORDINATE THE LOCATION, SIZE, TYPE AND DIRECTION OF ALL THICKENED SLABS, PADS, DEPRESSIONS, RECESSED SLABS, BOLTS, SLEEVES, ANCHORS, INSERTS, OPENINGS, ETC. TO BE SET OR CAST IN CONCRETE, PRIOR TO CONCRETE PLACEMENT.
 - 3.) FLOOR SLAB ON GRADE IS 6" NORMAL WEIGHT CONCRETE, 3000psi 28-DAY COMPRESSIVE STRENGTH, WITH 6x6-W2xW2.1 WELDED WIRE FABRIC ON A 6" POROUS GRAVEL AND 10MIL POLY VAPOR BARRIER.
 - 4.) COLUMN IS NON-STRUCTURAL - REFER TO ARCHITECTURAL PLANS FOR LOCATION.
 - 5.) COORDINATE TRENCH DRAIN LOCATIONS WITH PLUMBING DRAWINGS.
 - 6.) SEE SHEET S701 FOR TYPICAL SLAB DETAILS.

1
 S302 SLAB-ON-GRADE PLAN

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

X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:
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Project

**THE HEALING PLACE OF
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 WILMINGTON, NORTH CAROLINA

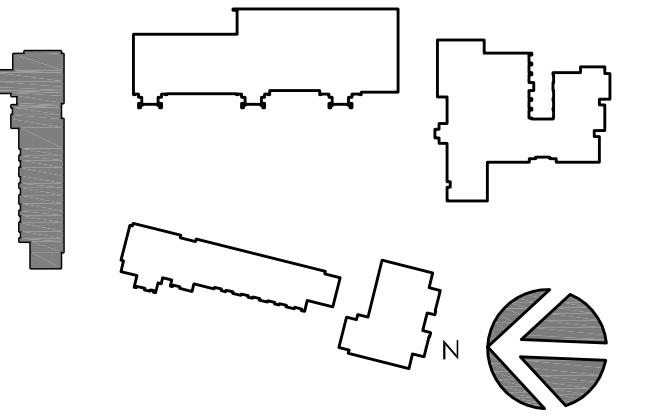
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No.	Description	Date
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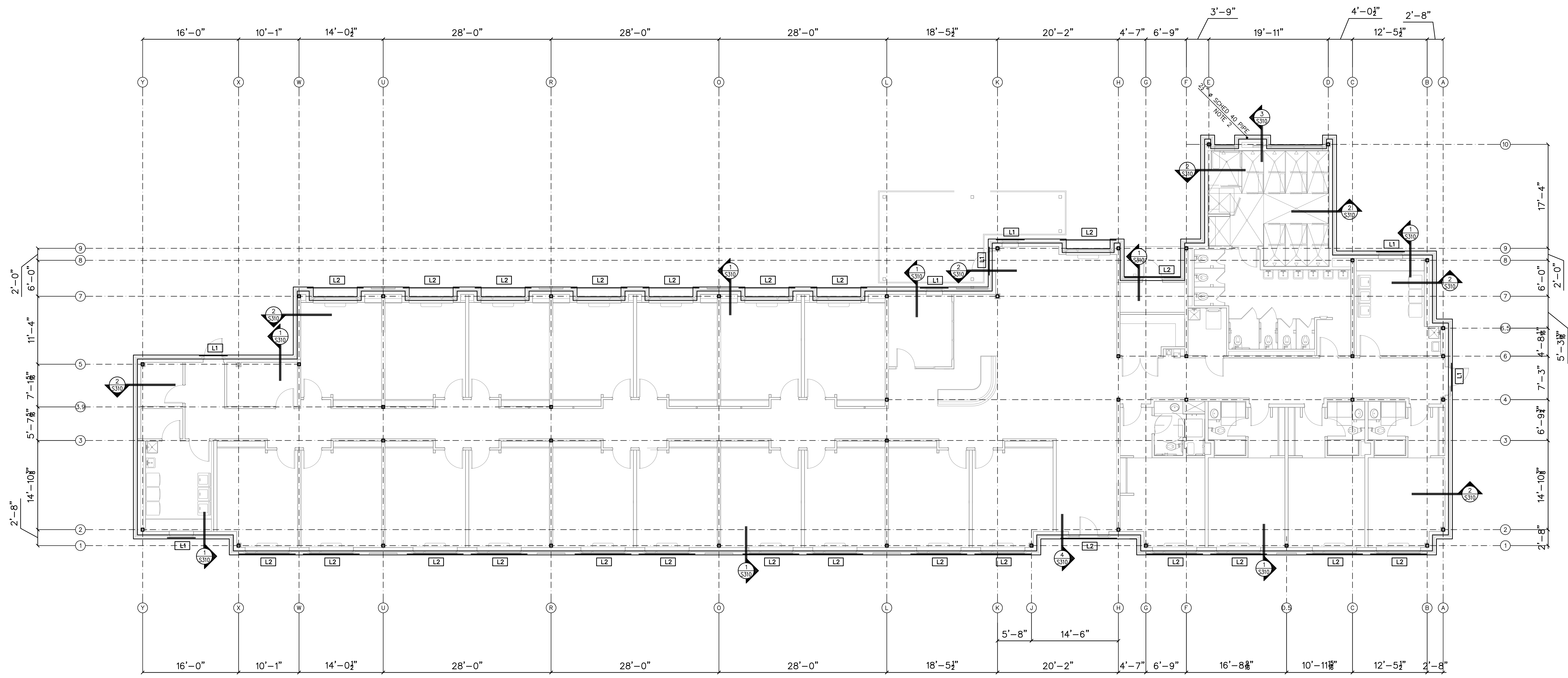
Project Code: 18HTWILMING

Sheet Title

**WOMEN'S RESIDENTIAL
 BUILDING WALL PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-303



NOTES:
 1) LX DENOTES LINTEL TYPE. SEE SCHEDULE ON S001.
 2) COLUMN IS NON-STRUCTURAL - REFER TO ARCHITECTURAL PLANS FOR LOCATION.

1

S303 ROOF PLAN

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

X
 SXXX NOT USED

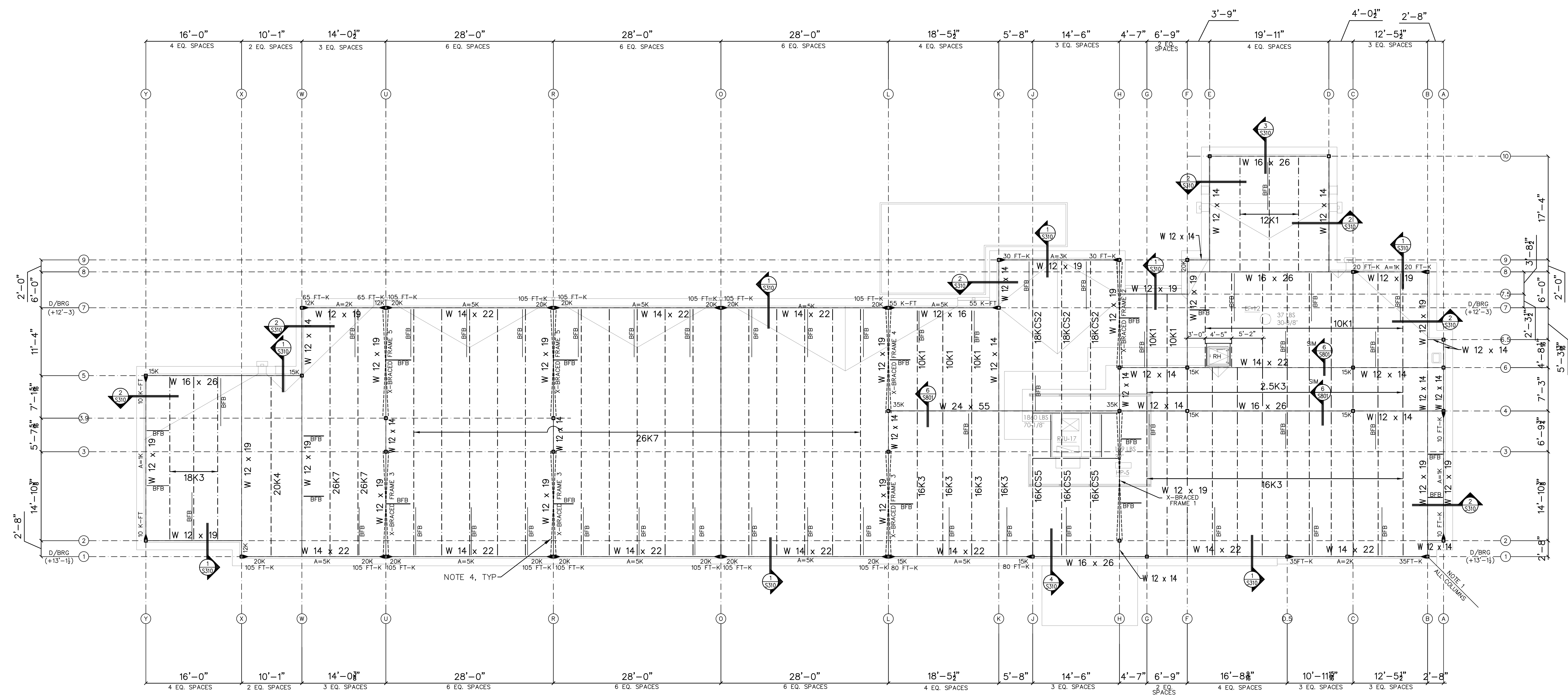
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 SXXX NOT USED

SCALE: X
 SXXX NOT USED

SCALE: X
 SXXX NOT USED

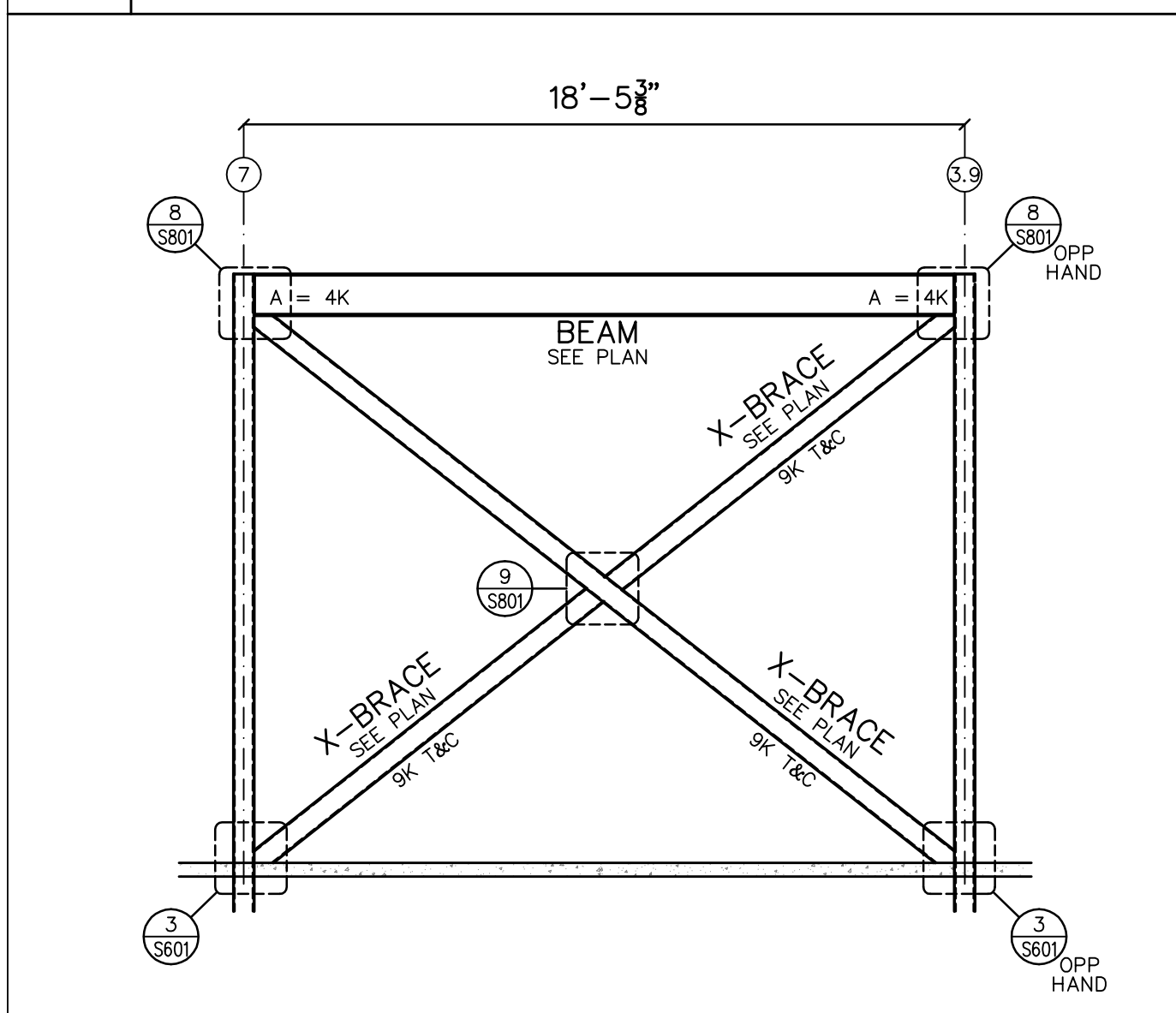
SCALE: X
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SCALE:

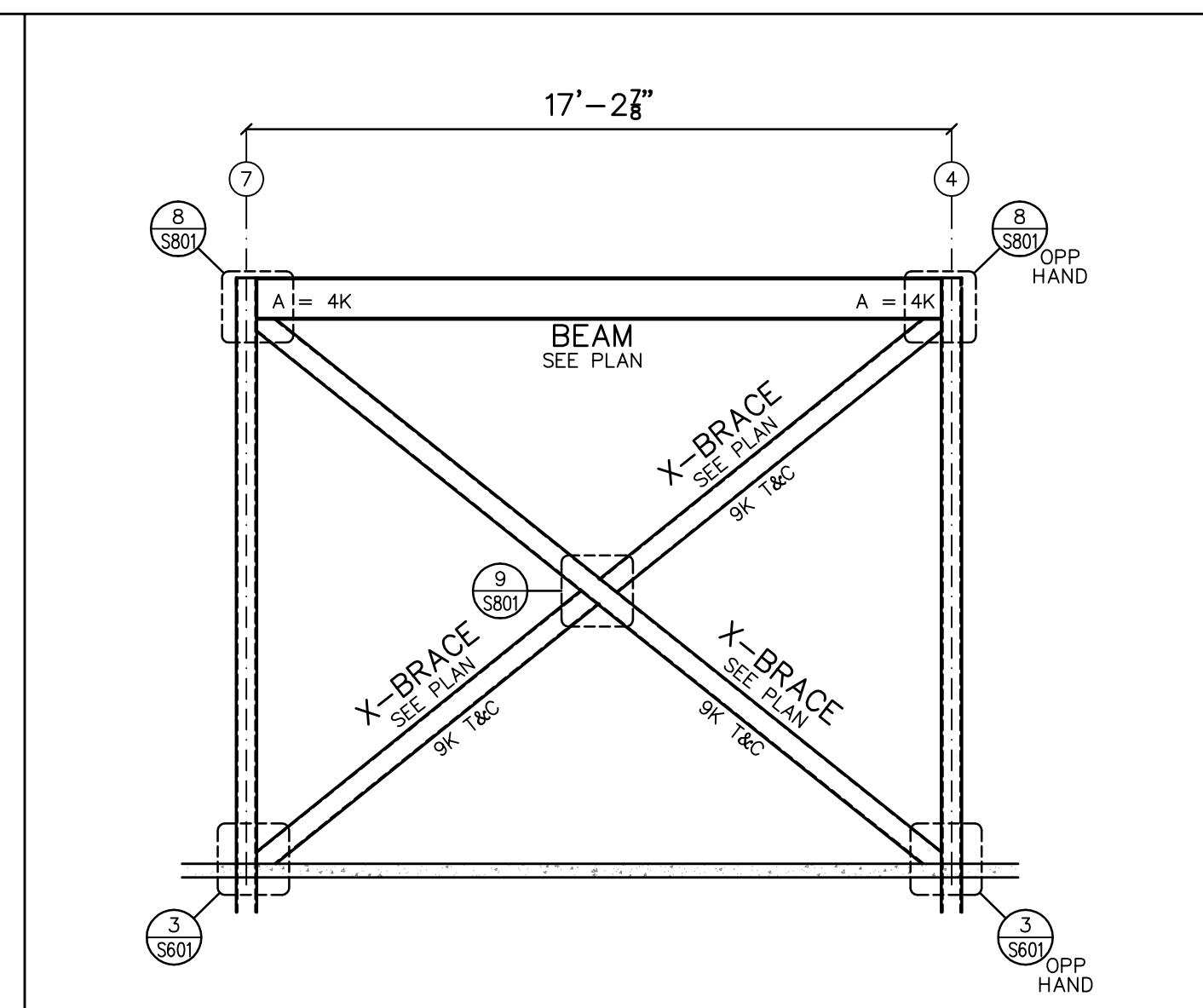


- NOTES:
 1.) ALL COLUMNS TO BE HSS 6 x 6 x 1/4 U.N.O.
 2.) BFB = 1.3 x 3 x 1 BOTTOM FLANGE BRACE.
 3.) INDICATES MOMENT CONNECTION.
 4.) ALL X-BRACING TO BE HSS 6 x 6 x 1/4 U.N.O.
 5.) LOADS SHOWN AS "A=XXX" DENOTE AXIAL LOADS.
 6.) REFER TO SHEET S304 FOR ALL BRACED FRAME ELEVATIONS.
 7.) ROOF DECK TO BE VULCRAFT 1.58/20. SEE DETAIL 5/S801.
 8.) SEE SHEET S301 FOR TYPICAL RTU SUPPORT/ROOF SCREEN DETAILS.

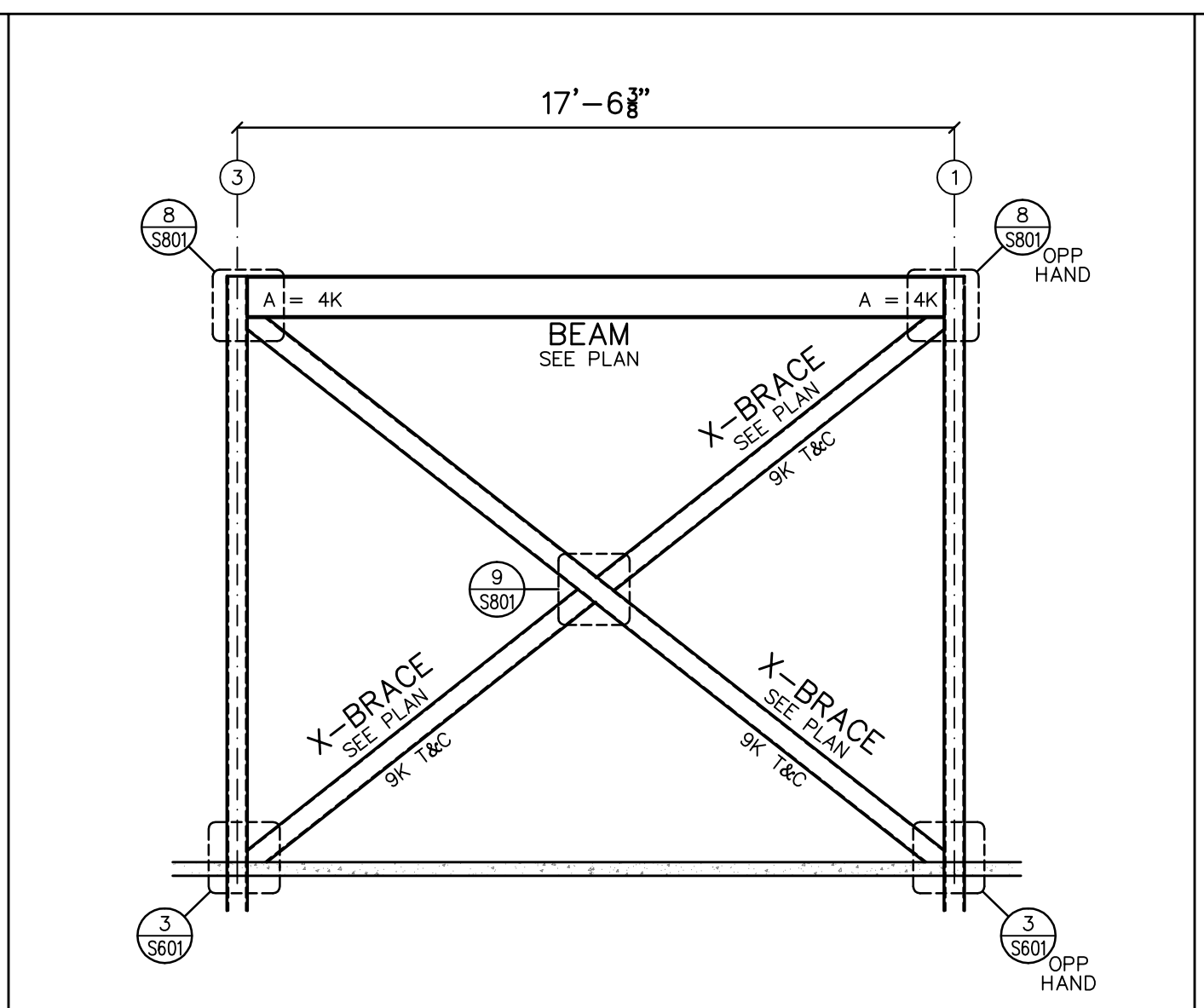
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 S304 ROOF PLAN
 SCALE: 1/4" = 1'-0"



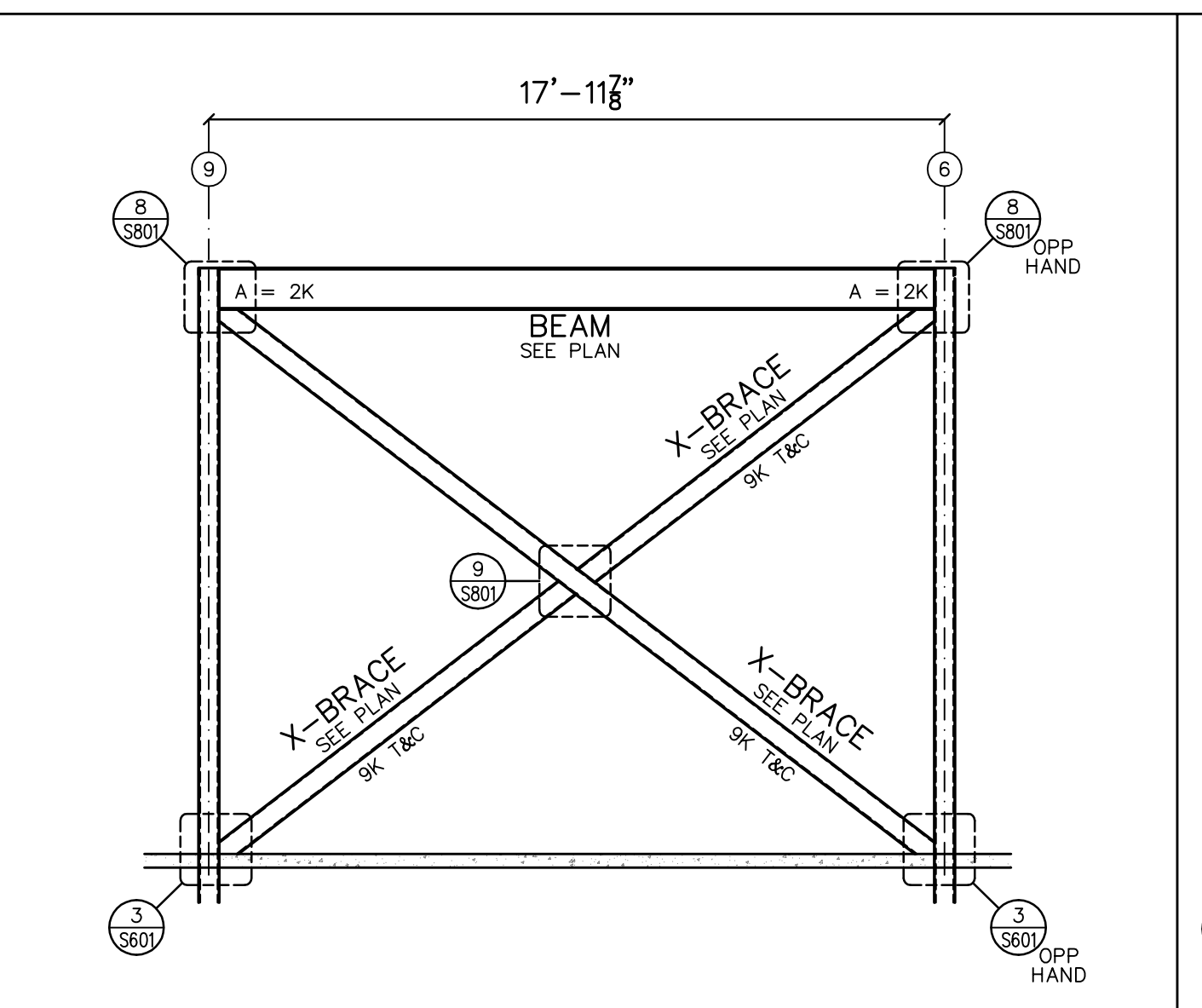
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 S304 X-FRAME 5
 SCALE: 1/4" = 1'-0"



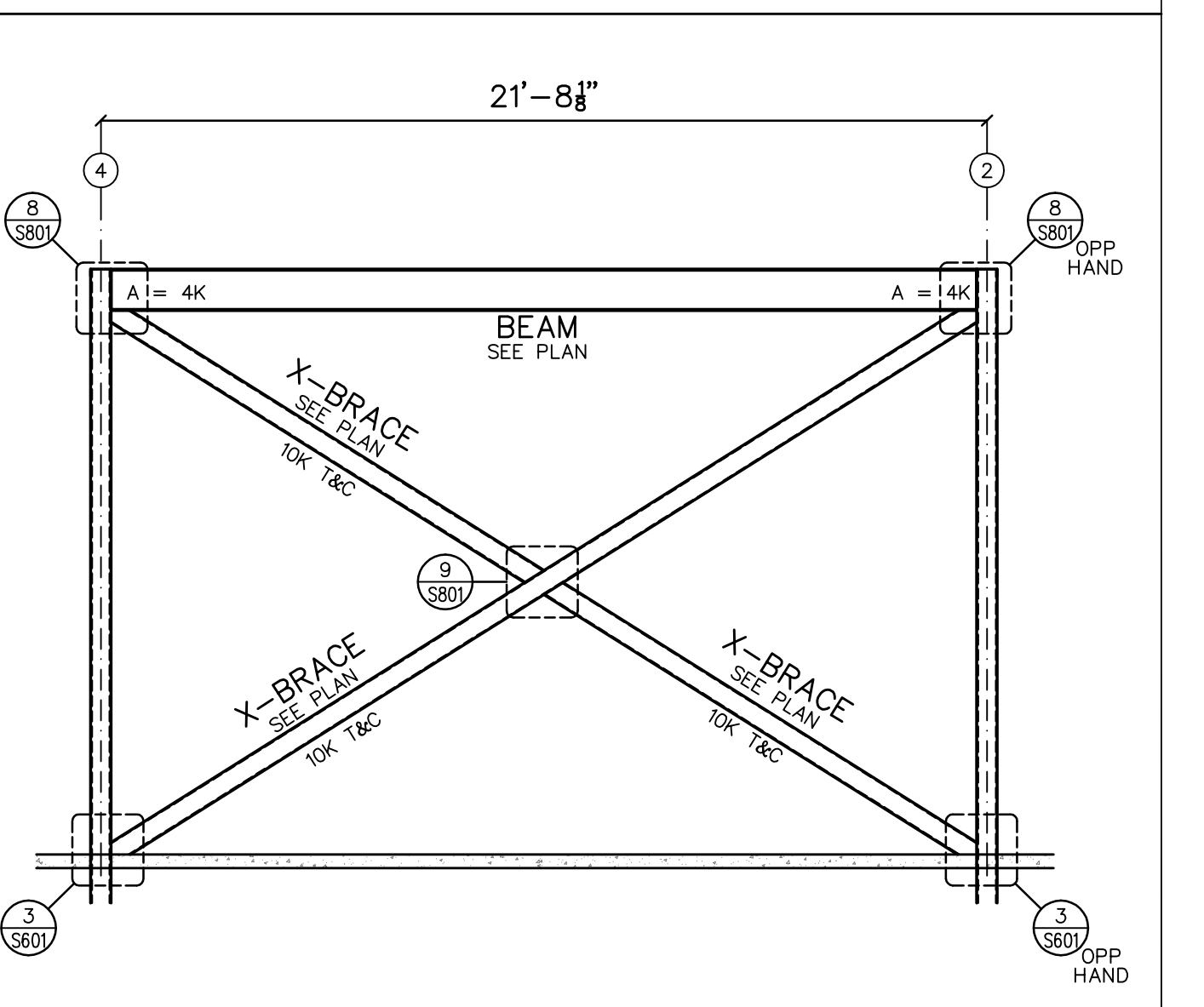
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 S304 X-FRAME 4
 SCALE: 1/4" = 1'-0"



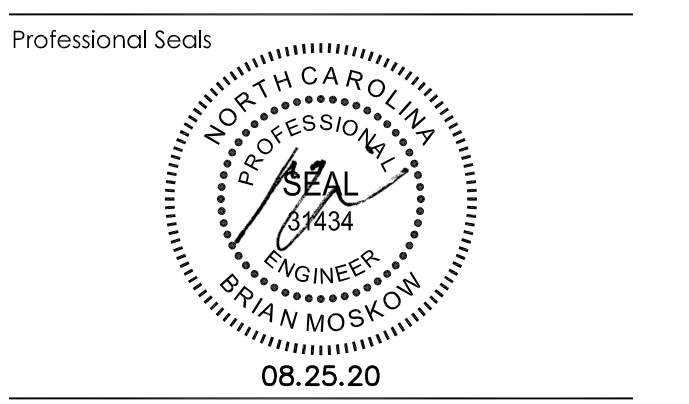
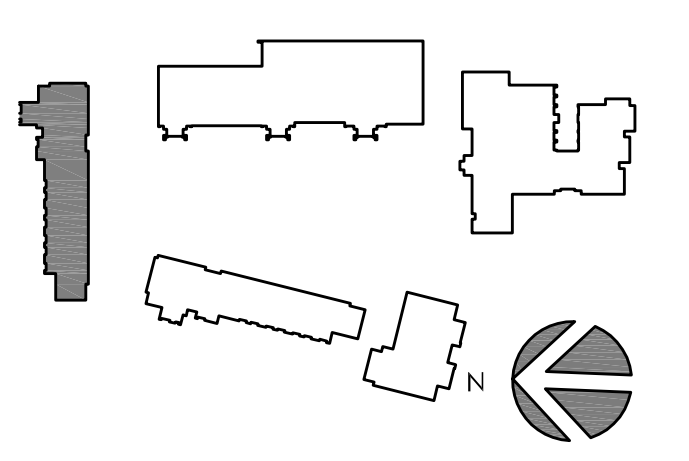
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 S304 X-FRAME 3
 SCALE: 1/4" = 1'-0"



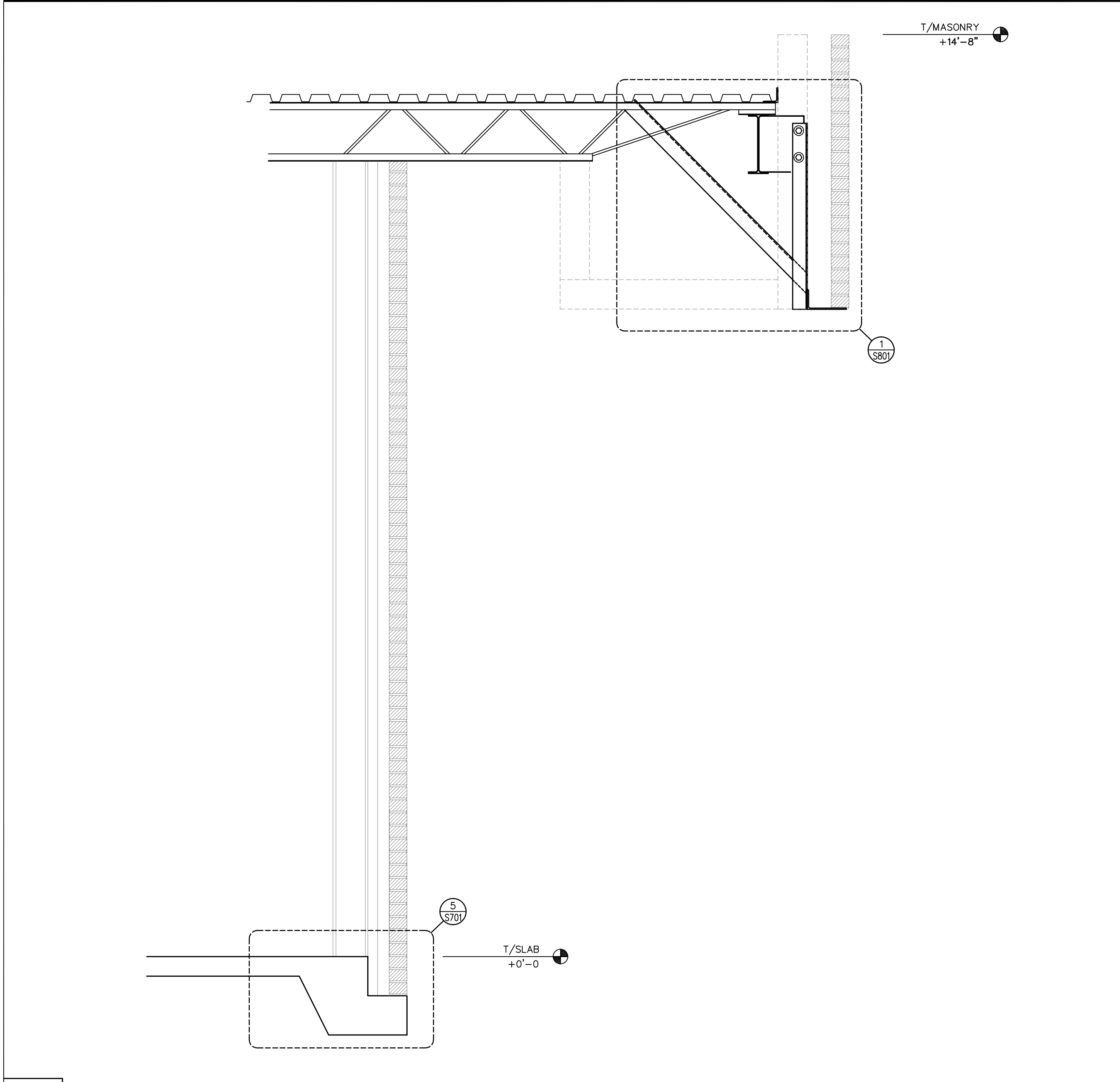
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 S304 X-FRAME 2
 SCALE: 1/4" = 1'-0"



2
 S304 X-FRAME 1
 SCALE: 1/4" = 1'-0"

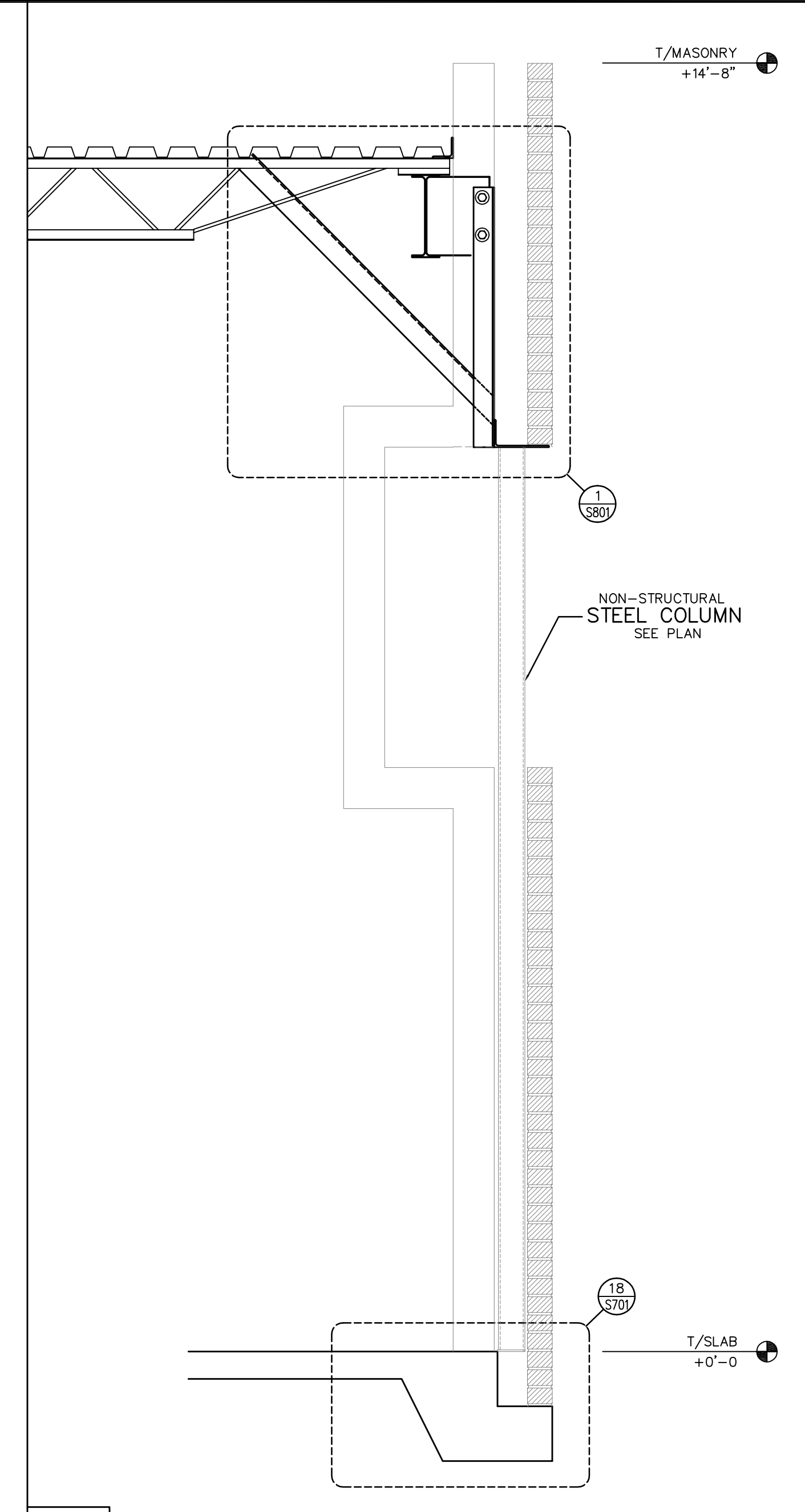


No.	Description	Date
A	SCHEMATIC DESIGN	11/26/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20



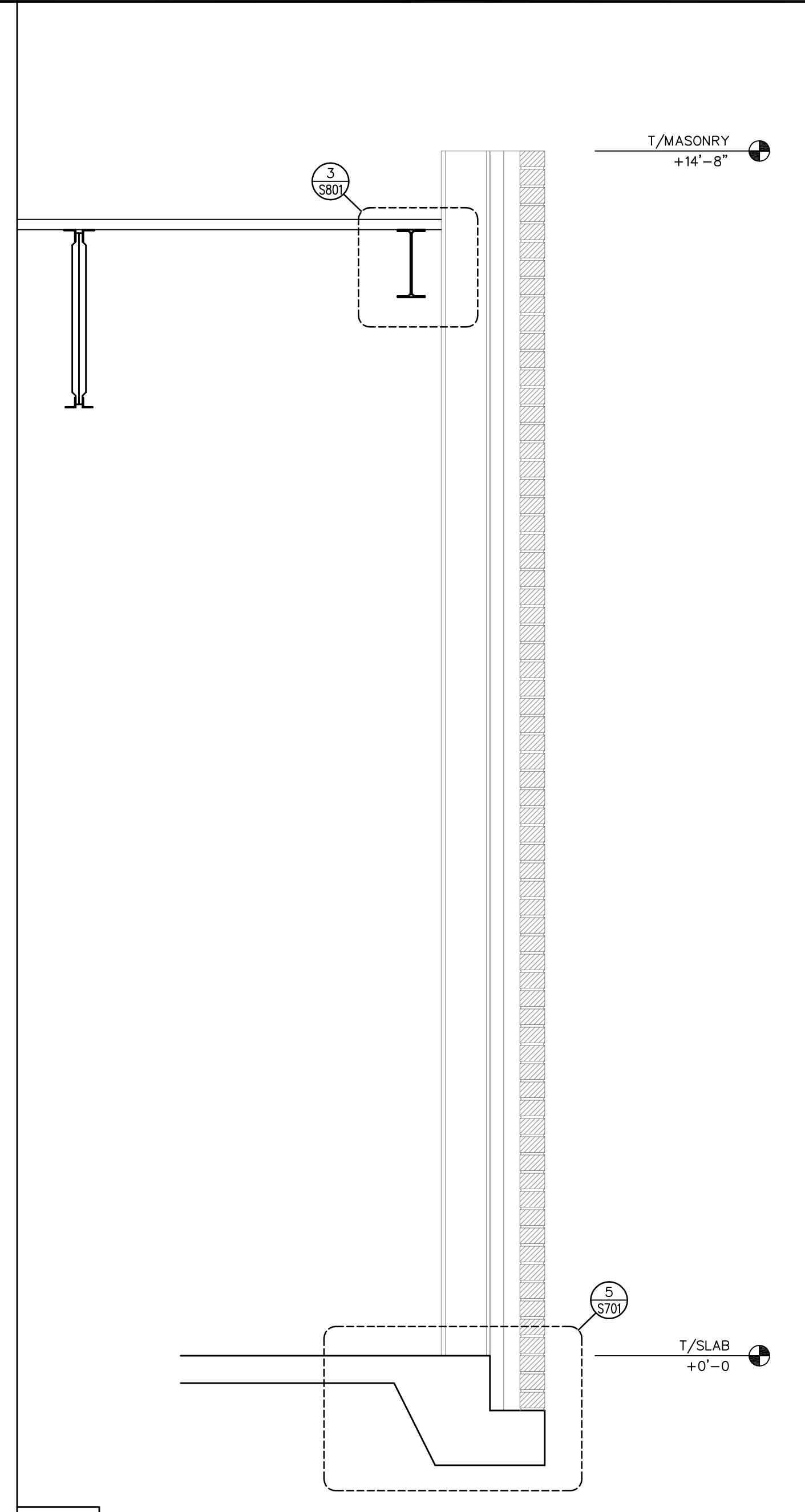
4
 S310 SECTION SCALE: 3/8" = 1'-0"

X	NOT USED	SCALE:	X	NOT USED
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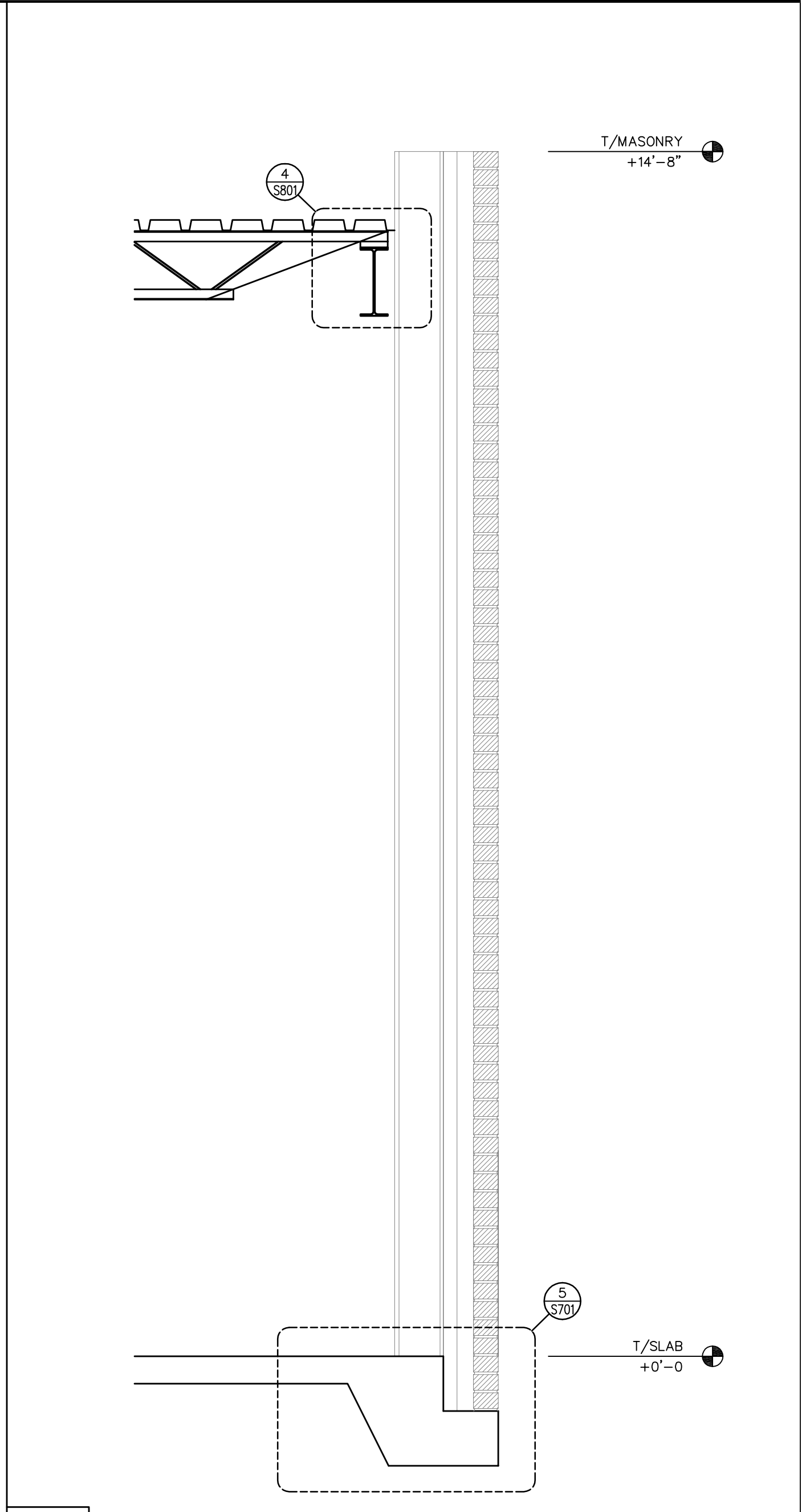
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 S310 SECTION SCALE: 3/8" = 1'-0"

X	NOT USED	SCALE:	X	NOT USED
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2
 S310 SECTION SCALE: 3/8" = 1'-0"

X	NOT USED	SCALE:	X	NOT USED
---	----------	--------	---	----------



1
 S310 SECTION SCALE: 3/8" = 1'-0"

X	NOT USED	SCALE:	X	NOT USED
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RED JOB No. 18-E091



C-3479

Project

**THE HEALING PLACE OF
 NEW HANOVER COUNTY**

1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

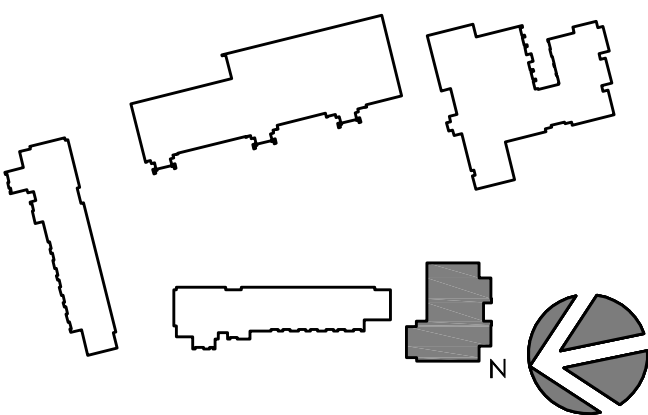
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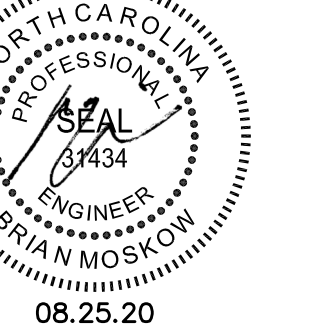
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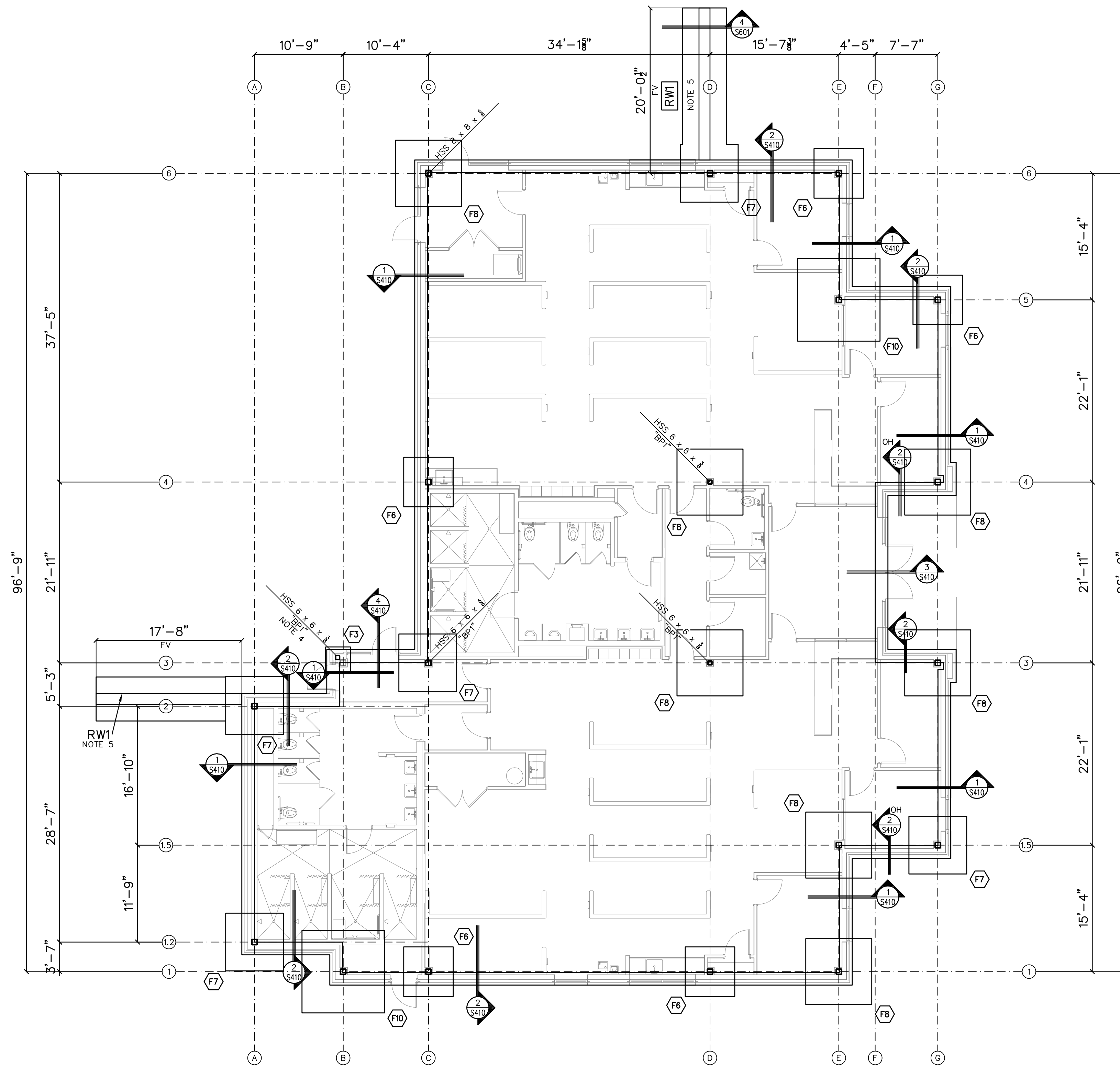
Key Plan



Professional Seal



No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20



- NOTES:
- 1.) ALL COLUMNS TO BE HSS 8 x 8 x 1/4 U.N.O. SEE DETAIL 1/S601 FOR TYPICAL COLUMN BEARING.
 - 2.) 1/FTG ELEV = (-1'-4") BELOW FIN. FLR.
 - 3.) CONCRETE FOR FTGS TO BE 3000psi 28-DAY COMPRESSIVE STRENGTH.
 - 4.) INDICATED COLUMN OFFSET FROM GRIDLINES (COLUMN CENTERLINE LOCATED 7 1/2" PLAN NORTH OF GRIDLINE 3 & 8 1/2" PLAN WEST OF GRIDLINE B).
 - 5.) SEE DETAIL 4/S601 FOR SCREEN WALL REINFORCEMENT & FOOTING SIZE.
 - 6.) FX DENOTES FOOTING SIZE. SEE SCHEDULE ON S001.
 - 7.) ALL BASE PLATES TO BE TYPE "BP3" TYP UNO. SEE DETAIL 2/S601 FOR ADDITIONAL INFORMATION.

1
 S401 FOUNDATION PLAN

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

X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:
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Project Code: 18HTWILMING
 Sheet Title
**DETOX BUILDING
 FOUNDATION PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-401

9/23/2020 10:44 AM Z:\Vied Engineering\2018\18-E091 Healing Place - Wilmington, N. Carolina\2-Design Development\CAD\Structural\18-E091 Healing Foundation.dwg

RED JOB No. 18-E091



C-3479

Project

**THE HEALING PLACE OF
 NEW HANOVER COUNTY**

1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

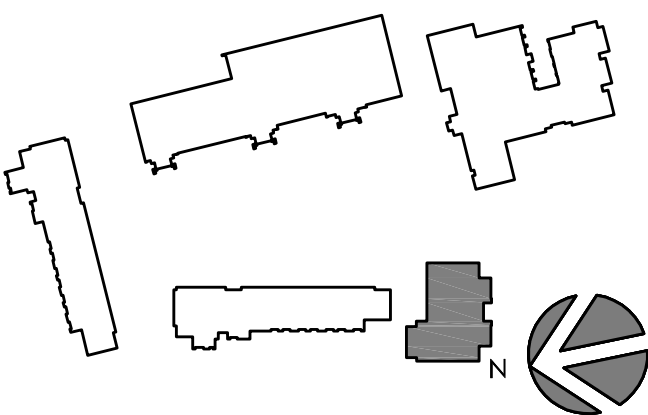
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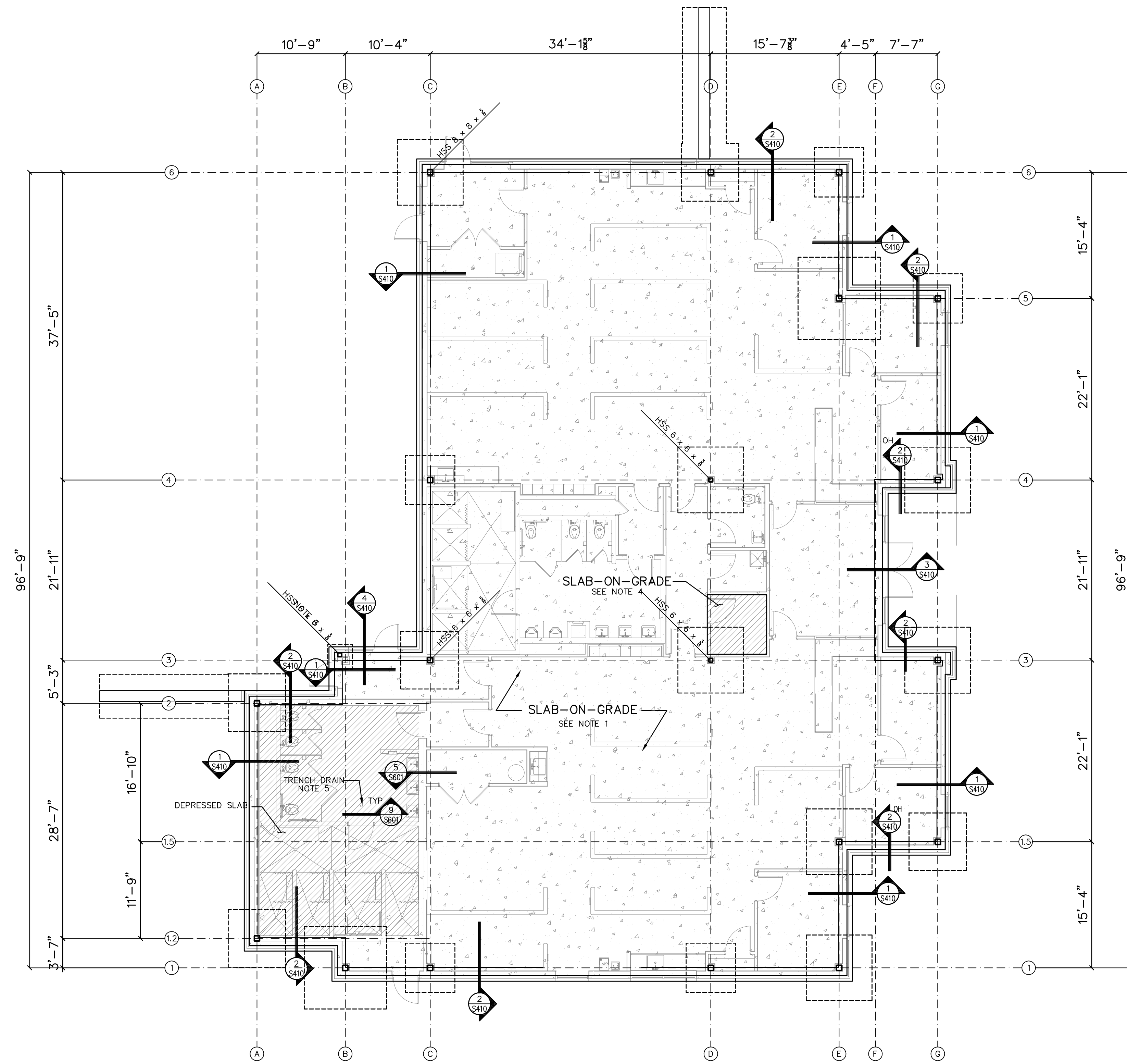
Key Plan



Professional Seal



No.	Description	Date
A	SCHEMATIC DESIGN	11/26/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20



- NOTES:
1. FLOOR SLAB ON GRADE IS 4" NORMAL WEIGHT CONCRETE, 3000psi 28-DAY COMPRESSIVE STRENGTH, WITH 6x6-W2.W2.1 WELDED WIRE FABRIC ON A 6" POROUS GRAVEL AND 10MIL POLY VAPER BARRIER (UNO).
 2. CONTRACTOR SHALL VERIFY AND COORDINATE THE LOCATION, SIZE, TYPE AND DIRECTION OF ALL THICKENED SLABS, PADS, DEPRESSIONS, RECESSED SLABS, BOLTS, SLEEVES, ANCHORS, INSERTS, OPENINGS, ETC. TO BE SET OR CAST IN CONCRETE, PRIOR TO CONCRETE PLACEMENT.
 3. INDICATED COLUMN OFFSET FROM GRIDLINES (COLUMN CENTERLINE LOCATED 7 1/8" PLAN NORTH OF GRIDLINE 3 & 6 1/8" PLAN WEST OF GRIDLINE B).
 4. FLOOR SLAB ON GRADE IS 6" NORMAL WEIGHT CONCRETE, 3000psi 28-DAY COMPRESSIVE STRENGTH, WITH 6x6-W2.W2.1 WELDED WIRE FABRIC ON A 6" POROUS GRAVEL AND 10MIL POLY VAPER BARRIER (UNO).
 5. COORDINATE TRENCH DRAIN LOCATIONS WITH PLUMBING DRAWINGS.
 6. SEE SHEET S701 FOR TYPICAL SLAB DETAILS.

1
 S402 SLAB-ON-GRADE PLAN

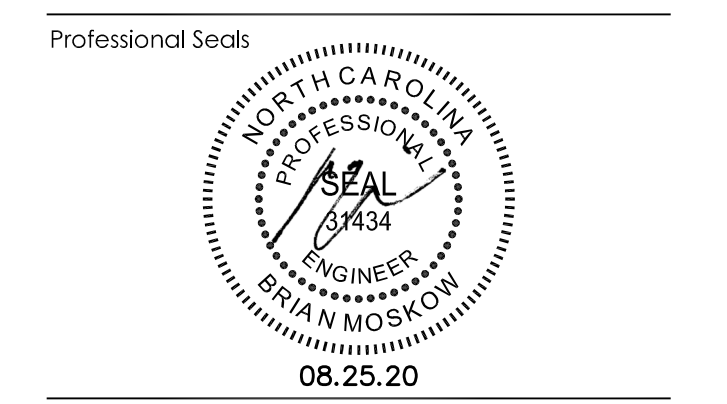
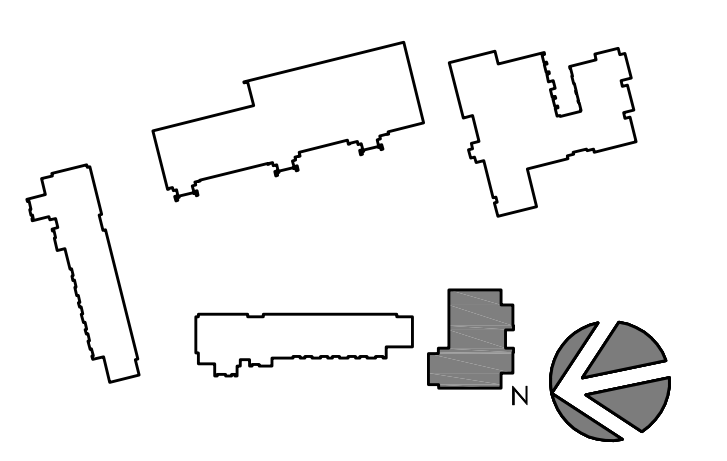
SCALE: 1/8" = 1'-0"

X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED	SCALE:	X	NOT USED
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Project Code: 18HTWILMING
 Sheet Title
**DETOX BUILDING
 SLAB-ON-GRADE PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-402

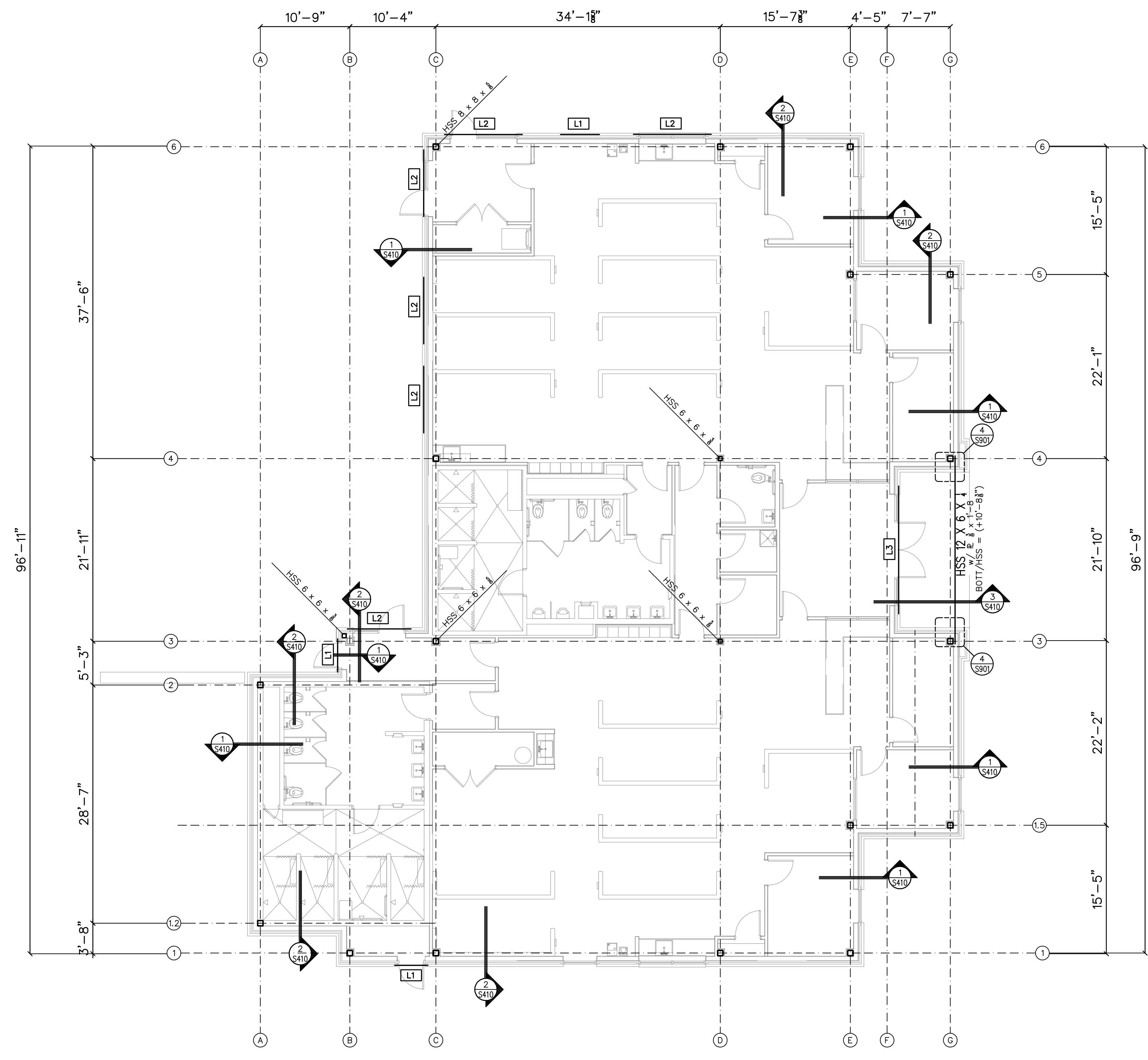


No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

Project Code: 18HTWILMING
 Sheet Title
**DETOX BUILDING
 WALL PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-403



NOTES:
 1) LX DENOTES LINTEL TYPE. SEE SCHEDULE ON S001.

1	S403 WALL PLAN	SCALE: 1/8" = 1'-0"
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X	NOT USED	X	NOT USED	X	NOT USED	X	NOT USED	X	NOT USED
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RED JOB No. 18-E091



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 REENGINEERING@REDON.COM

Project

**THE HEALING PLACE OF
 NEW HANOVER COUNTY**

1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

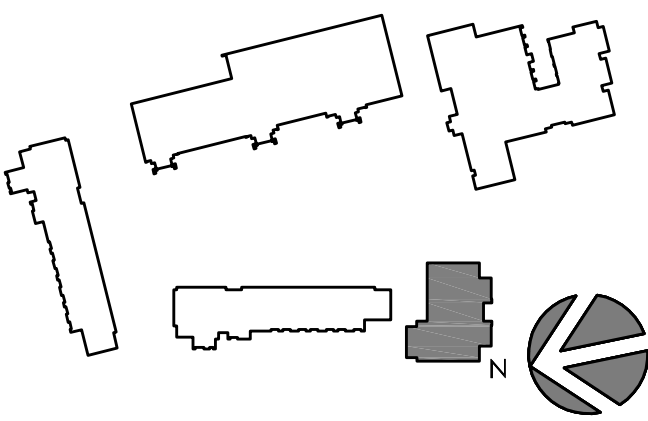
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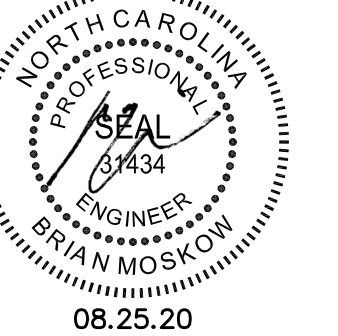
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Key Plan



Professional Seal



No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

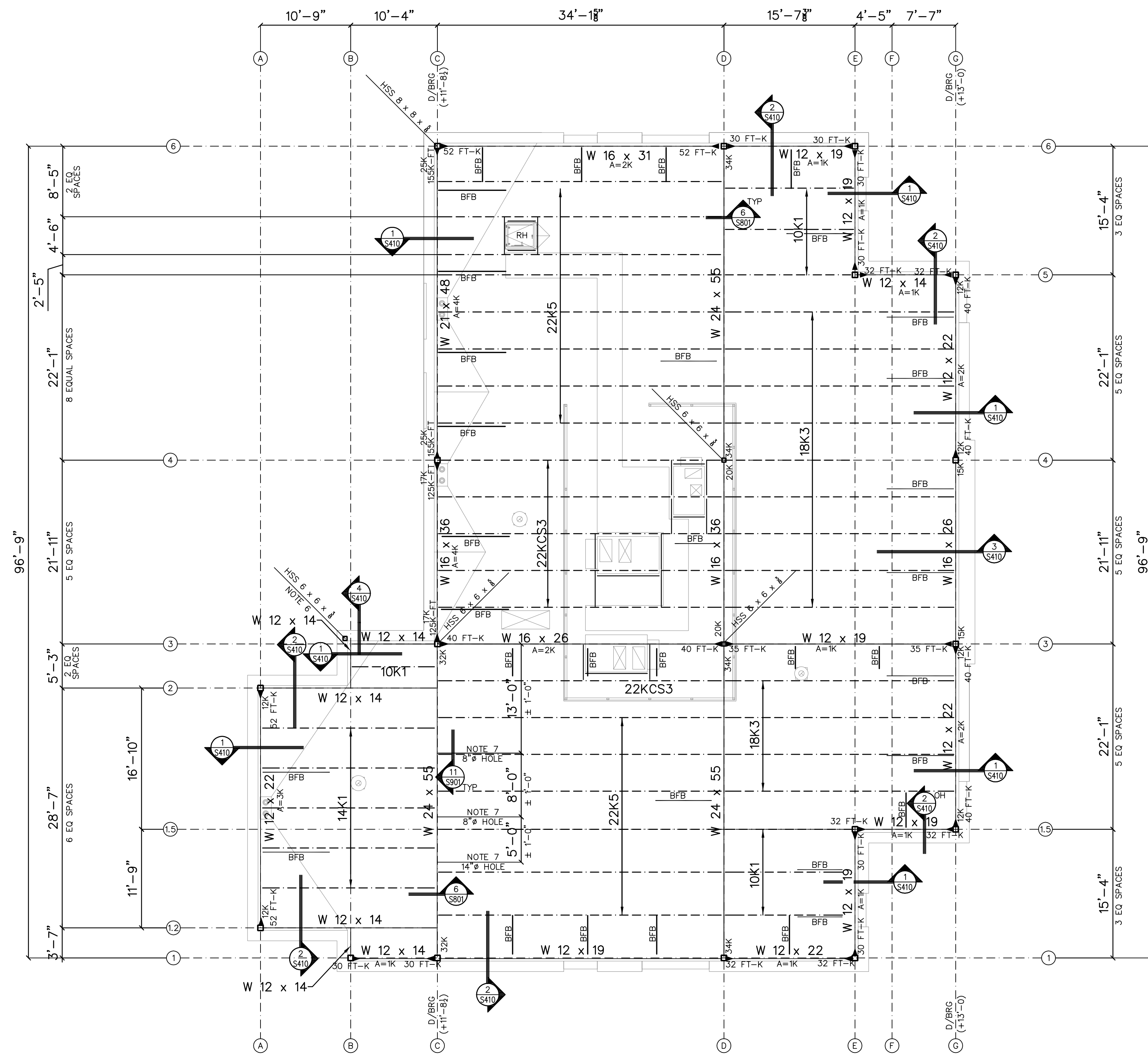
Project Code: 16HTWILMING

Sheet Title

**DETOX BUILDING ROOF
 PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-404



- NOTES:
- 1) ALL COLUMNS TO BE HSS 8 x 8 x 3/8, U.N.O.
 - 2) BFB = L 3 x 3 x 1/4 BOTTOM FLANGE BRACE.
 - 3) ► INDICATES MOMENT CONNECTION.
 - 4) ROOF DECK TO BE VULCRAFT 15B20. SEE DETAIL 5/S801 (DETOX BUILDING).
 - 5) LOADS SHOWN AS "A=XXK" DENOTE AXIAL LOADS.
 - 6) INDICATED COLUMN LOCATED INSIDE STUD WALL (COLUMN CENTERLINE LOCATED 7" PLAN NORTH OF GRIDLINE 3 & 8" PLAN WEST OF GRIDLINE 5).
 - 7) SEE DETAIL 11/S901 FOR ALLOWABLE HOLE DETAIL ● INDICATED BEAM.
 - 8) SEE SHEET S901 FOR TYPICAL RTU SUPPORT/ROOF SCREEN DETAILS.

1

S404 ROOF PLAN

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

X NOT USED

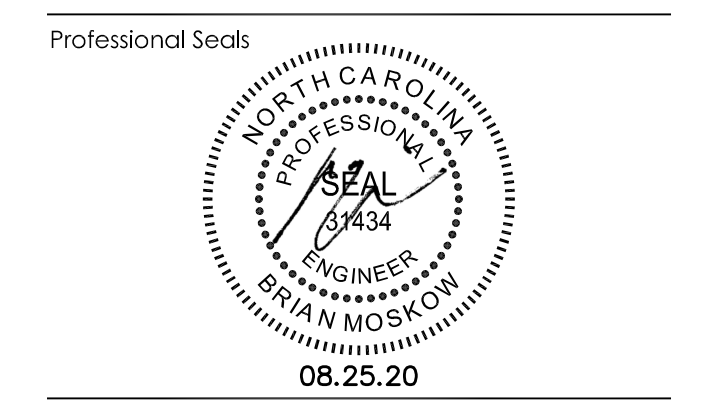
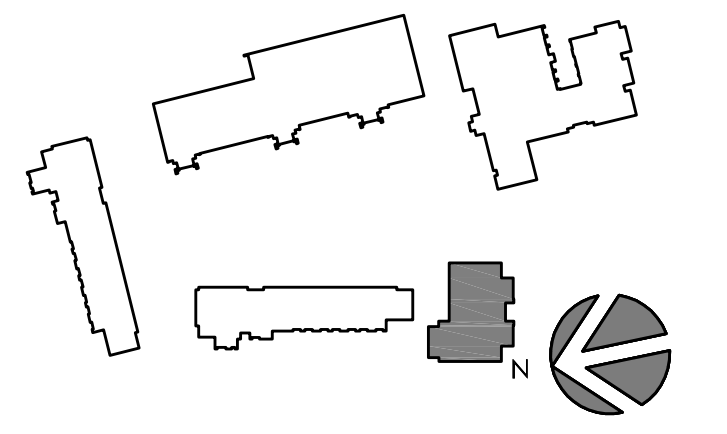
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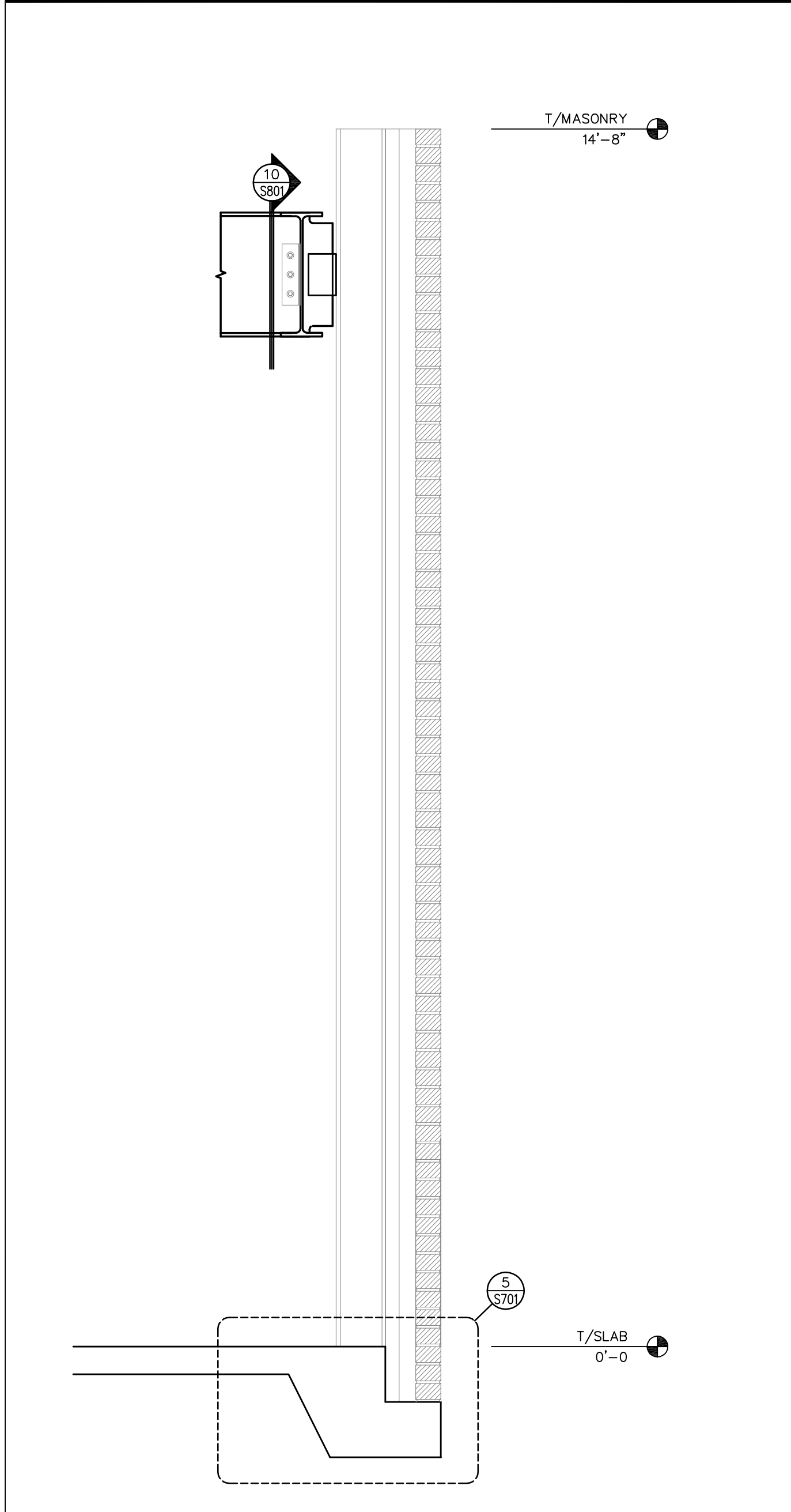
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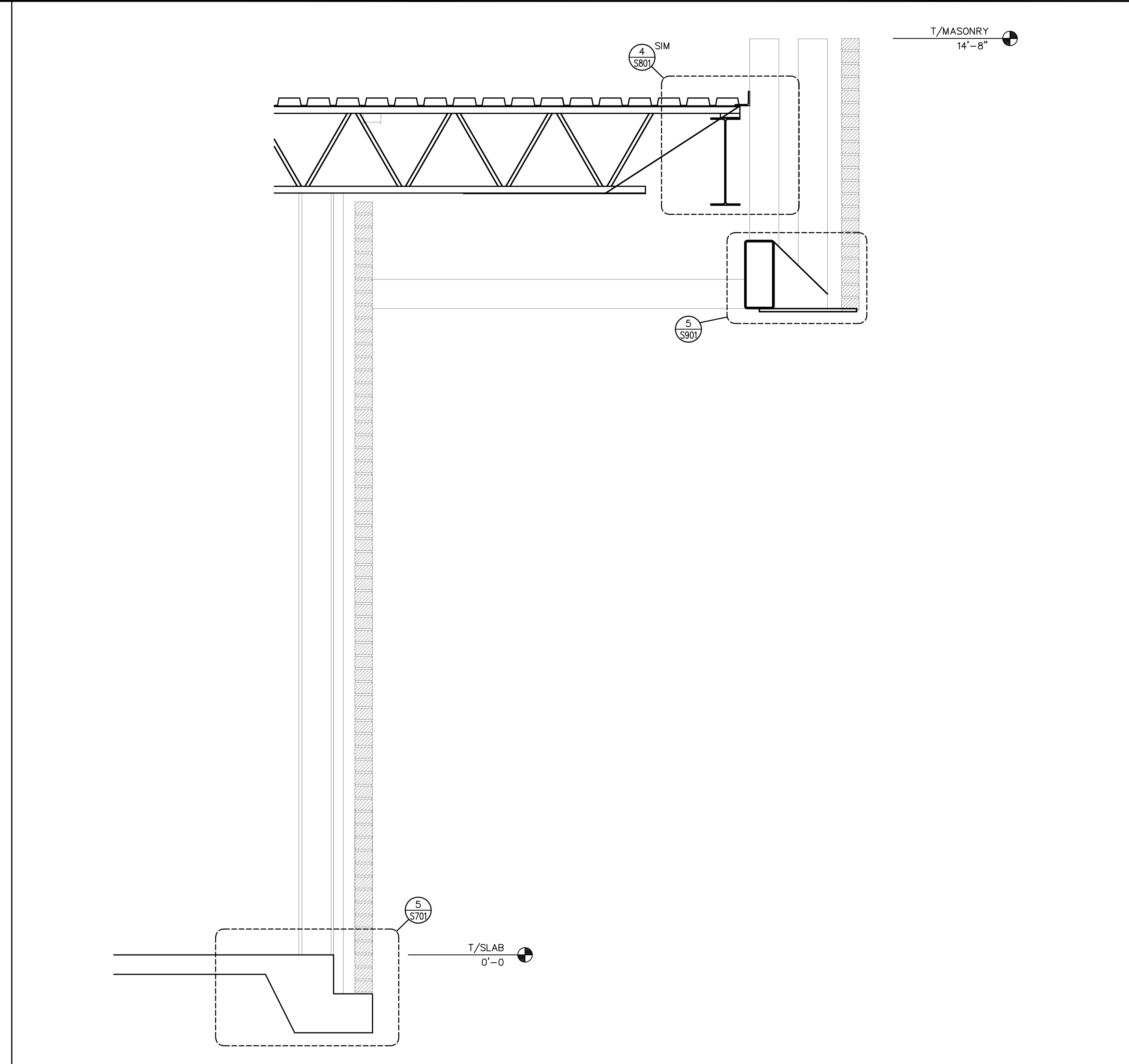
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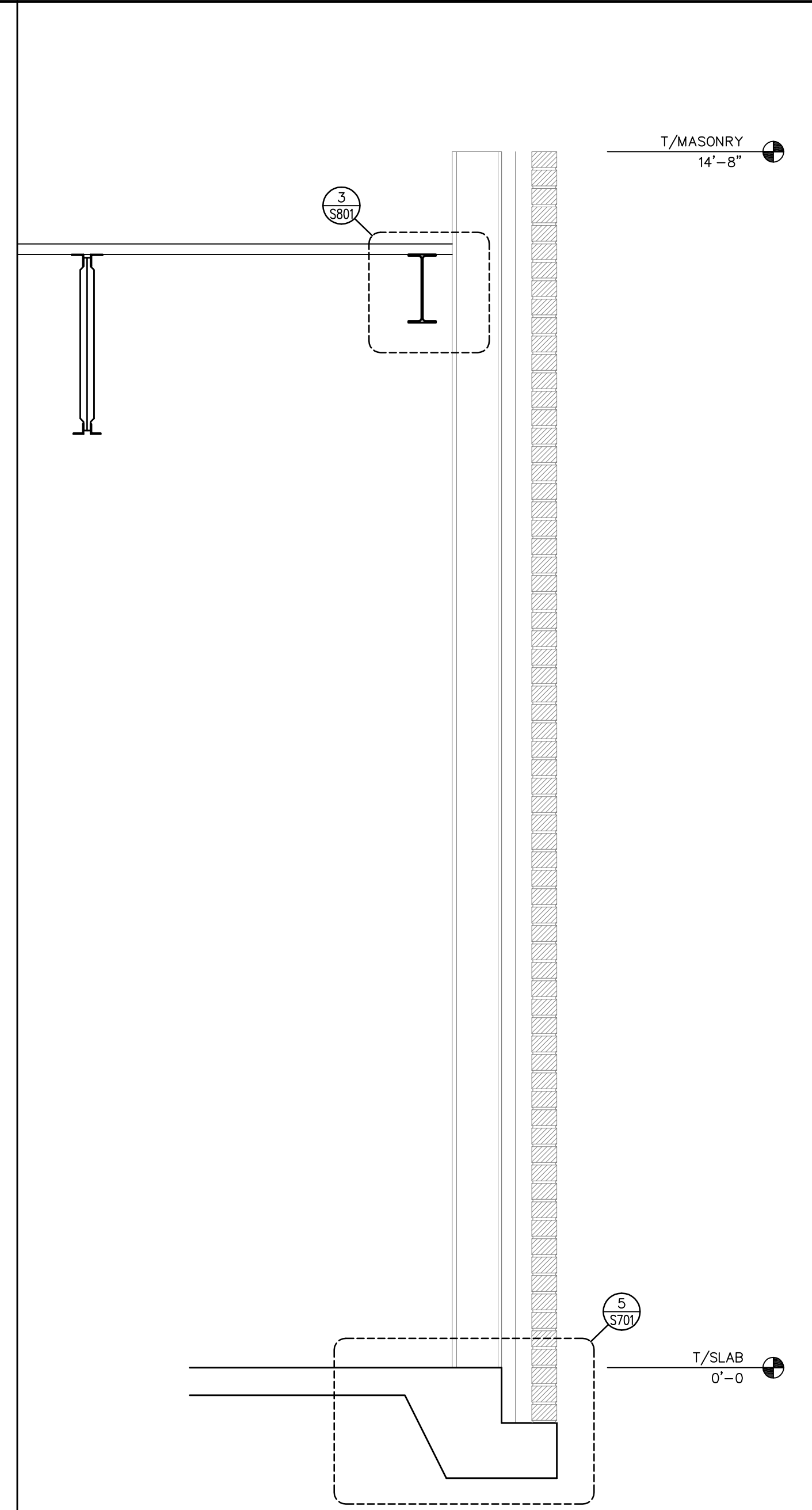
No.	Description	Date
A	SCHEMATIC DESIGN	11/26/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20



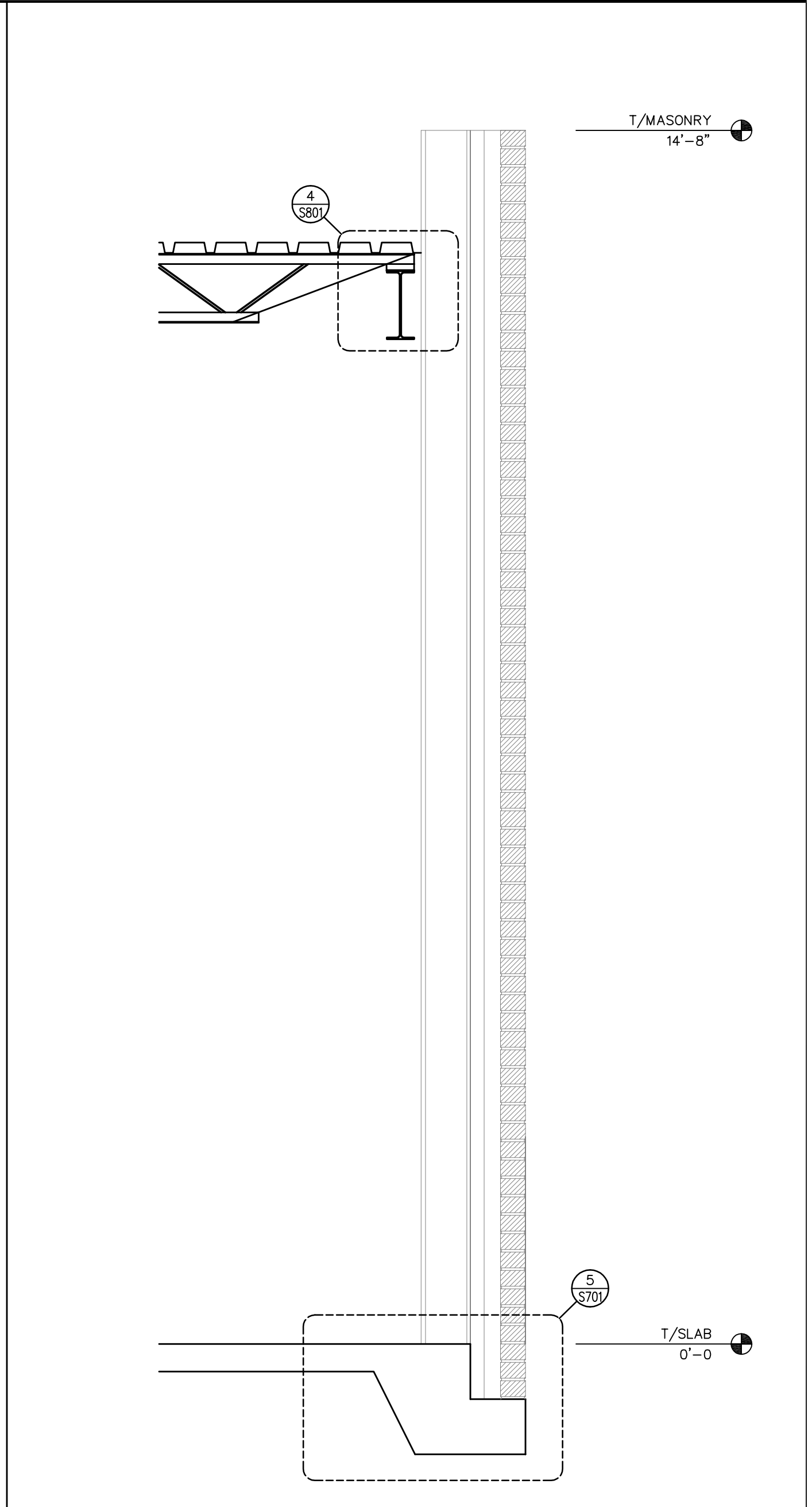
4
 S410 SECTION SCALE: 3/4" = 1'-0"



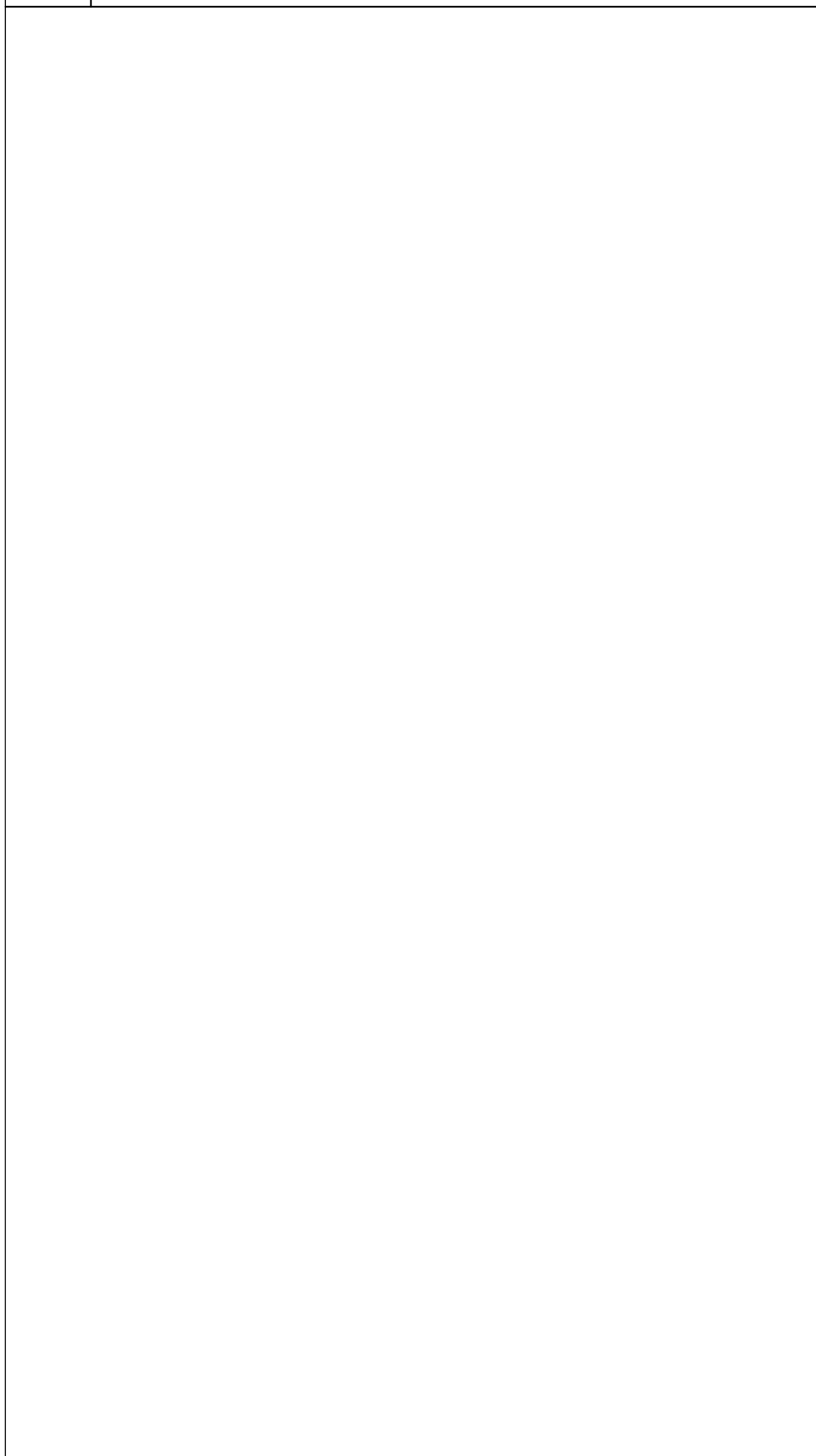
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 S410 SECTION SCALE: 3/4" = 1'-0"



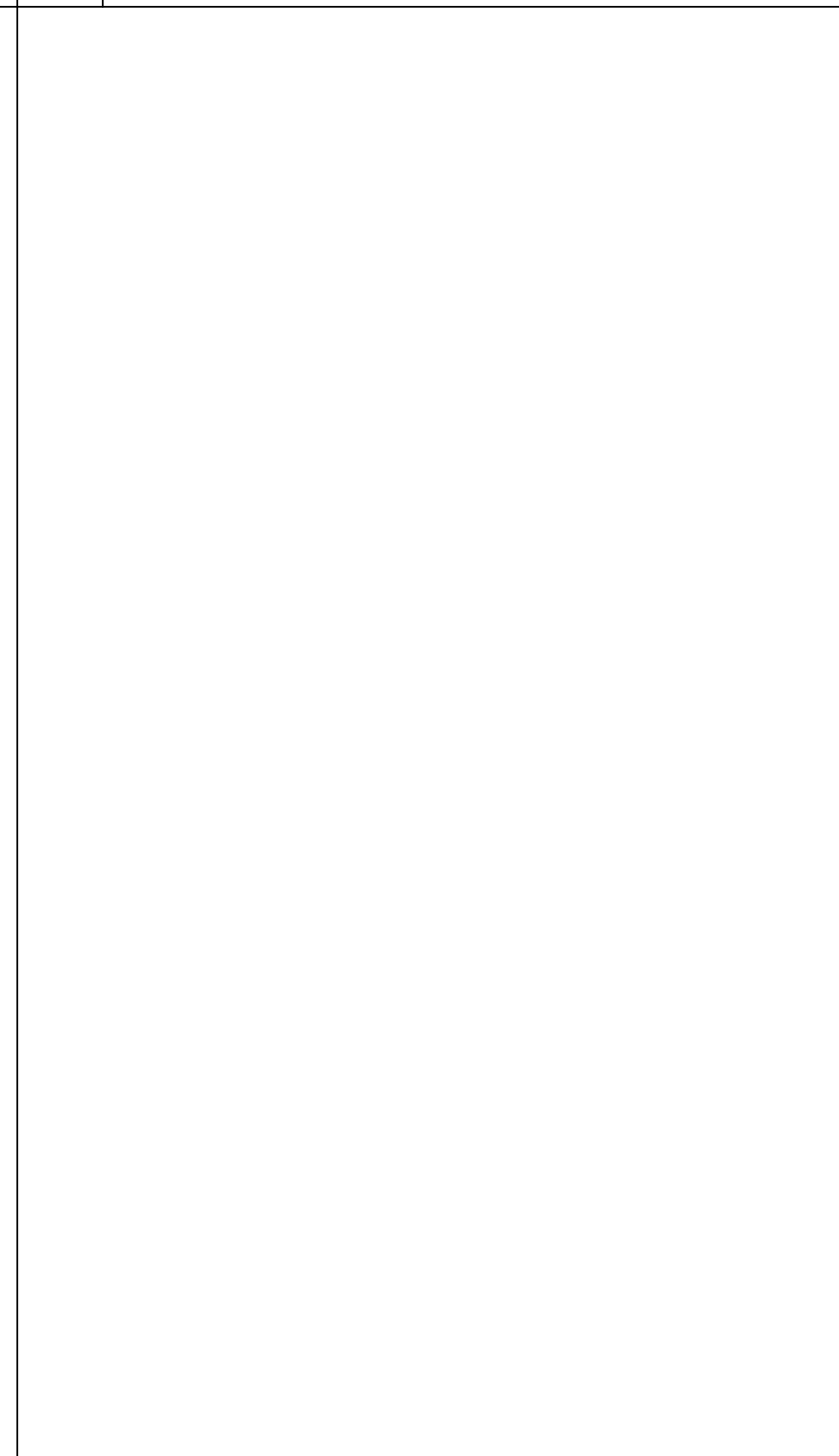
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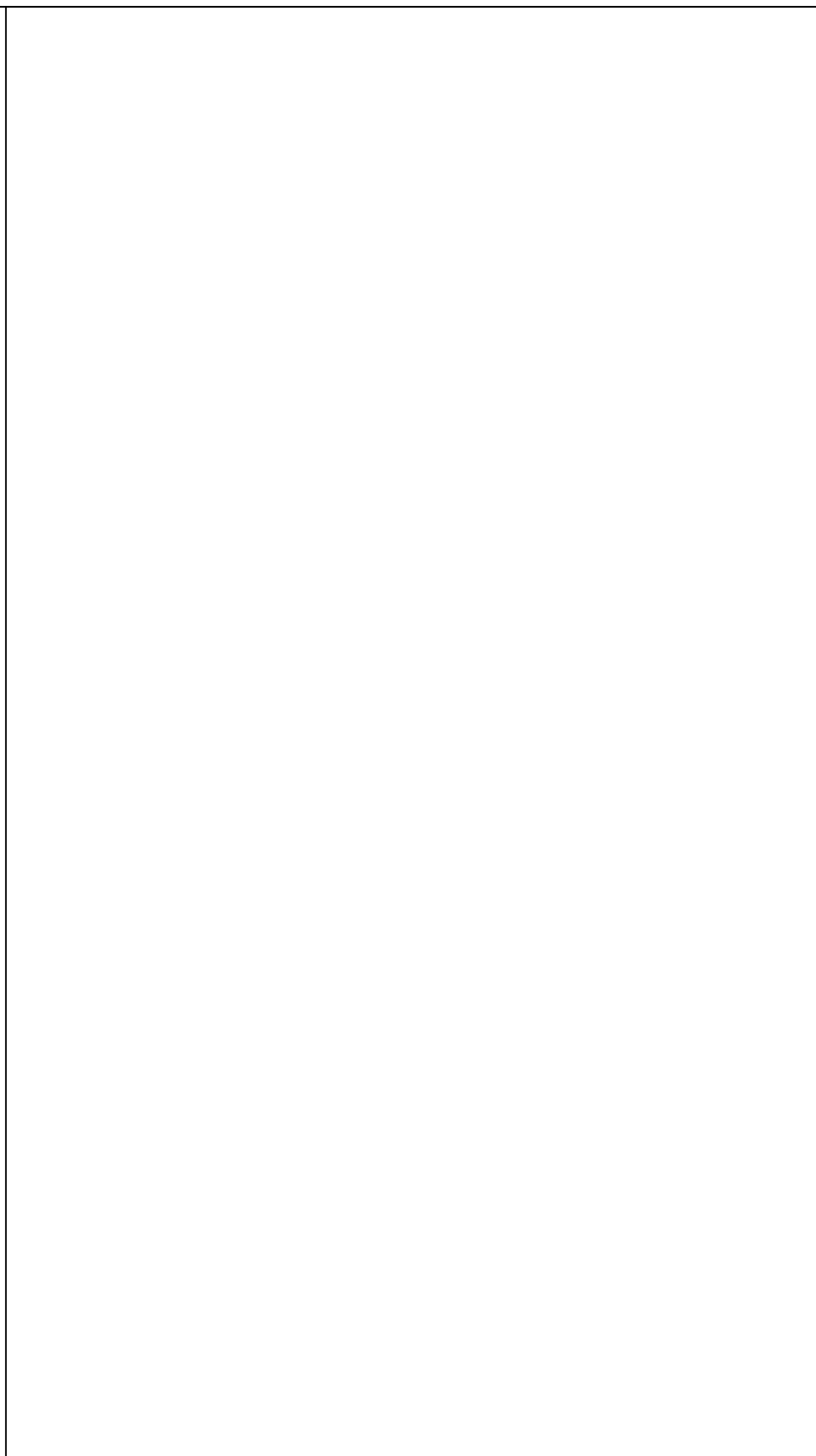
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 S410 SECTION SCALE: 3/4" = 1'-0"



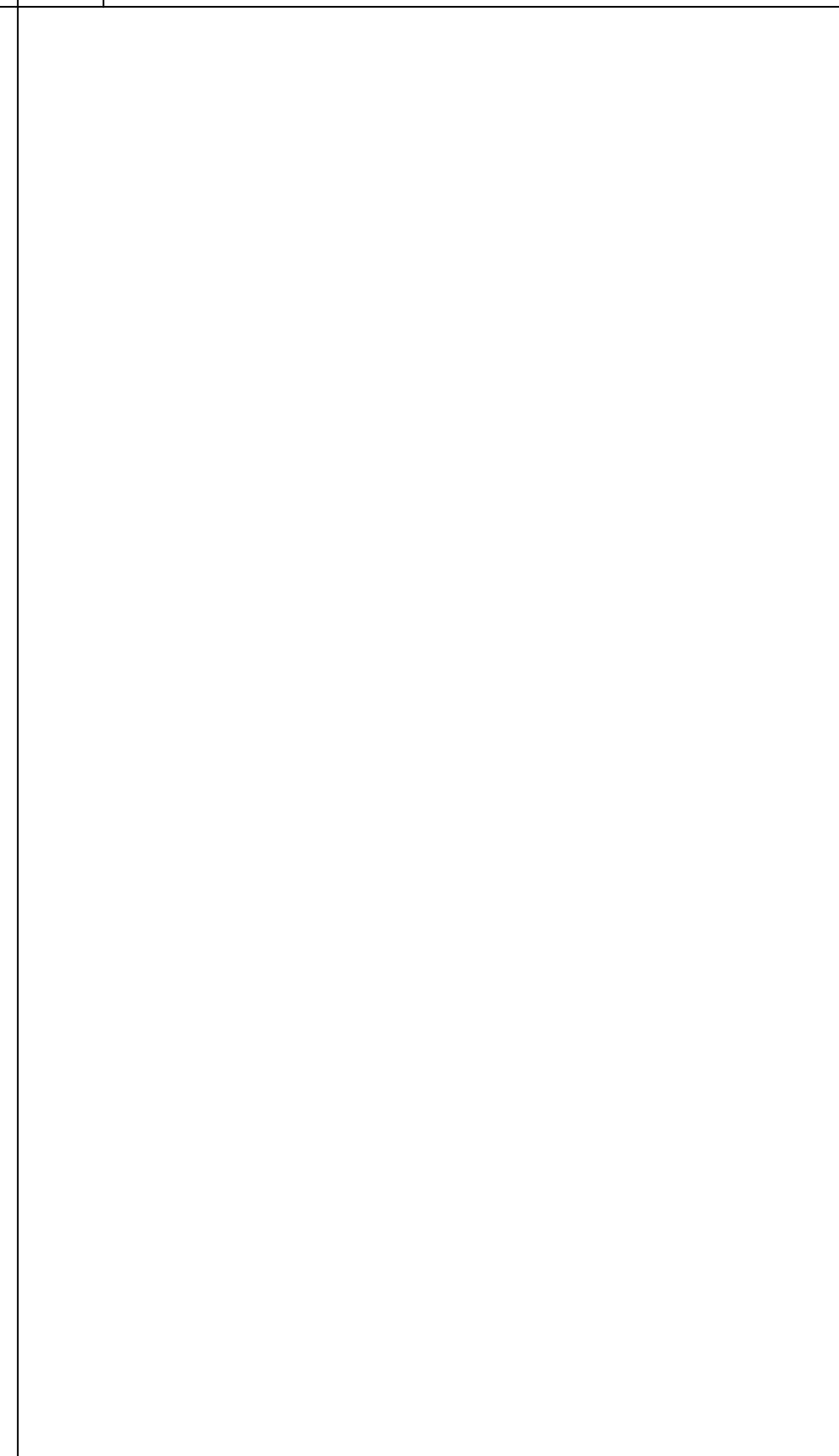
X
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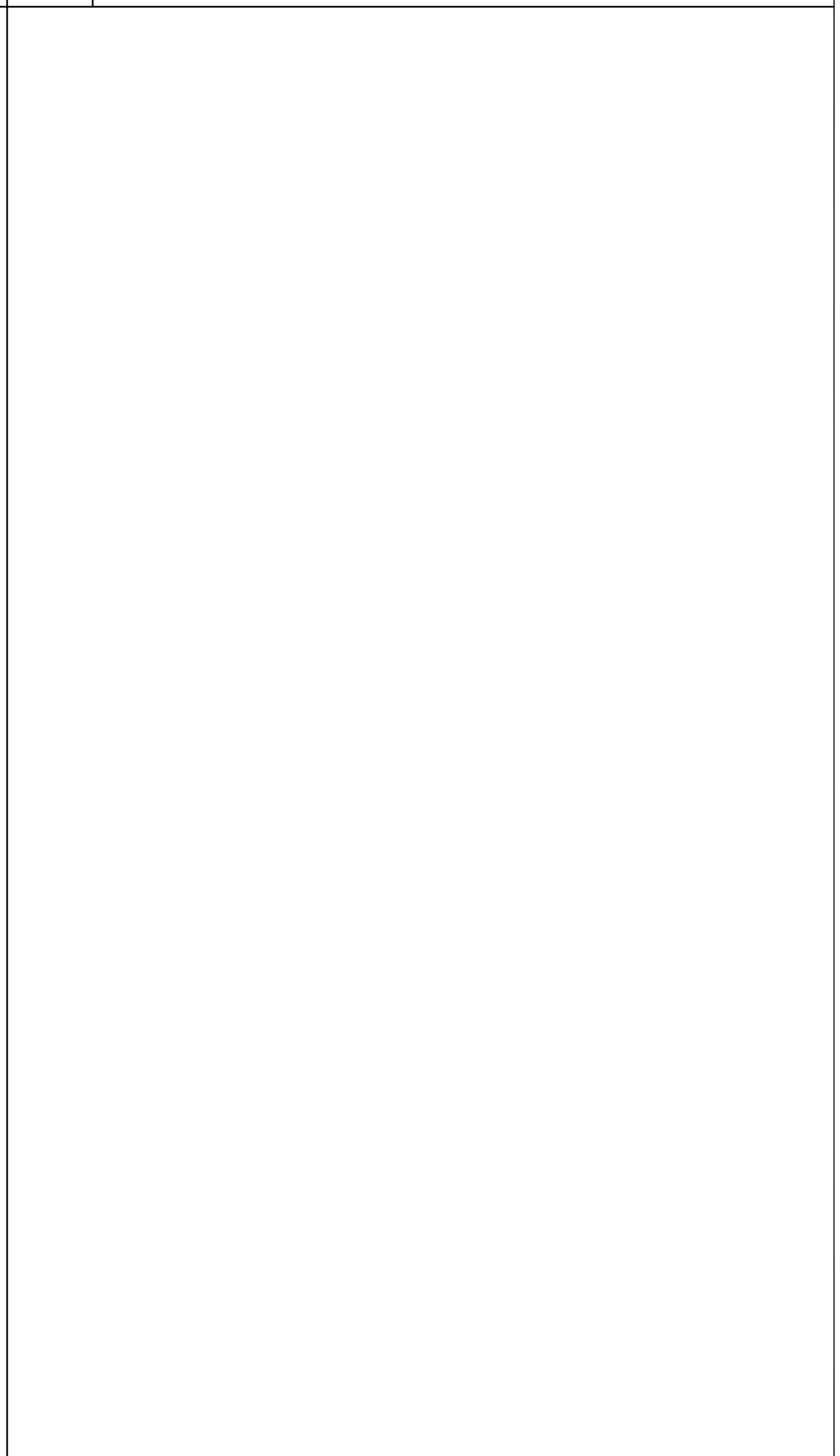
X
 SXXX NOT USED SCALE:



X
 SXXX NOT USED SCALE:



X
 SXXX NOT USED SCALE:



X
 SXXX NOT USED SCALE:

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 REDENGINEERING@GMAIL.COM

Project

**THE HEALING PLACE OF
 NEW HANOVER COUNTY**

1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

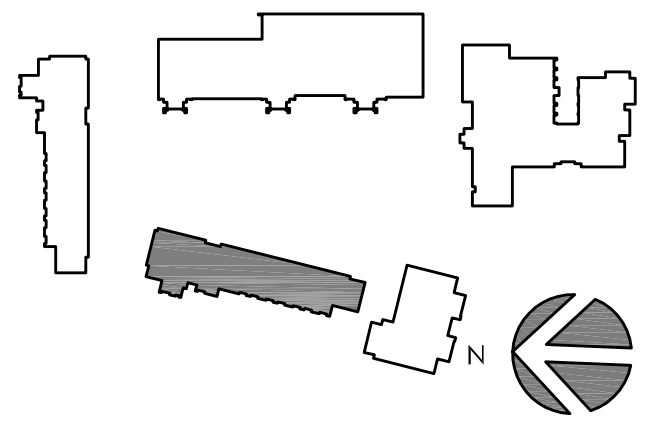
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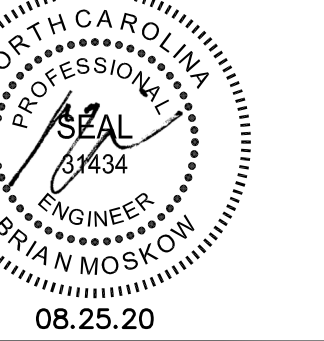
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Key Plan



Professional Seal



No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

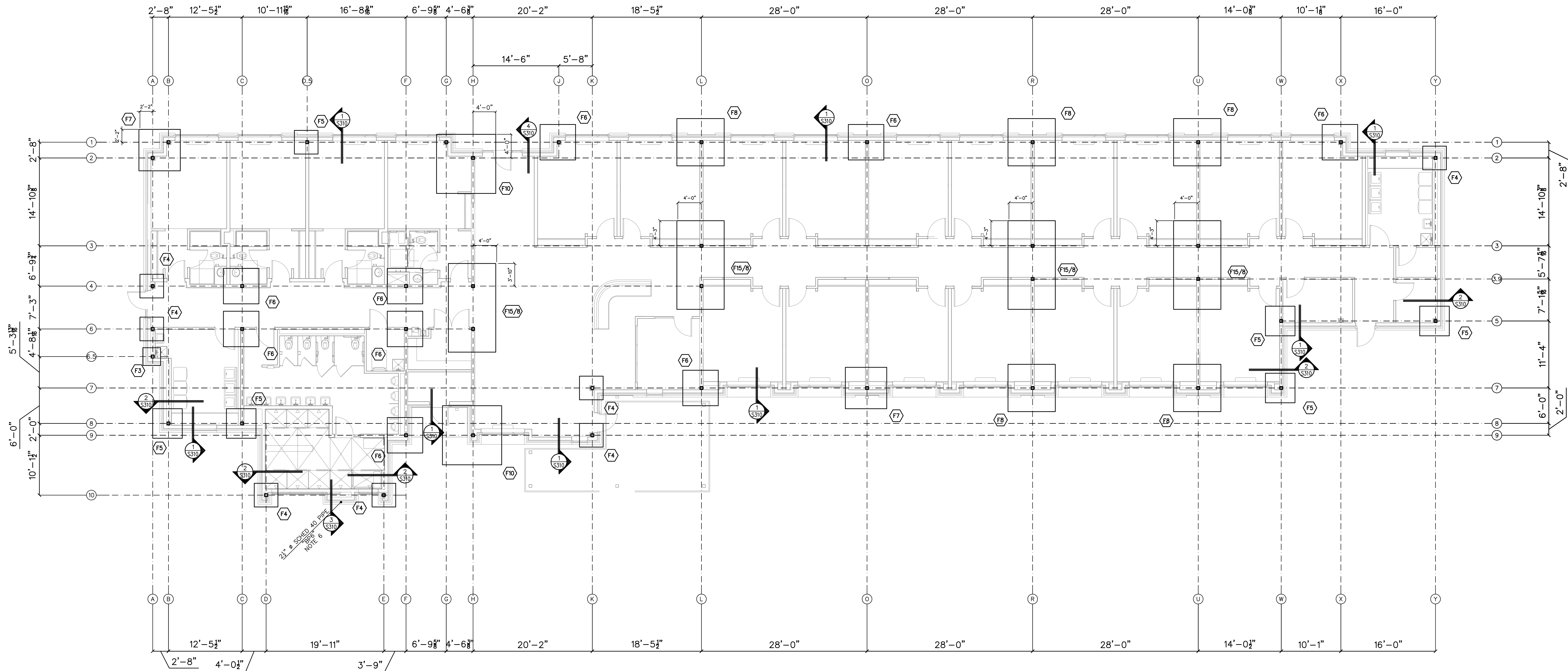
Project Code: 18HTWILMING

Sheet Title

**MEN'S RESIDENTIAL
 BUILDING FOUNDATION
 PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-501



- NOTES:
- 1.) ALL COLUMNS TO BE HSS 8 x 6 x 1/2 U.N.O. SEE DETAIL 1/S601 FOR TYPICAL COLUMN BEARING.
 - 2.) 1/FTG ELEV = (-1'-4") BELOW FIN. FLR.
 - 3.) CONCRETE FOR FTGS TO BE 3000psi 28-DAY COMPRESSIVE STRENGTH.
 - 4.) FX DENOTES FOOTING TYPE. SEE SCHEDULE ON S001.
 - 5.) ALL BASE PLATES TO BE TYPE "BPM" TYP UNO. SEE DETAIL 2/S601 FOR ADDITIONAL INFORMATION.
 - 6.) COLUMN IS NON-STRUCTURAL - REFER TO ARCHITECTURAL PLANS FOR LOCATION.

1
S501 FOUNDATION PLAN SCALE: 1/8" = 1'-0"

X SXXX NOT USED	SCALE: X SXXX NOT USED	X SXXX NOT USED	SCALE: X SXXX NOT USED
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RED JOB No. 18-E091



C-3479

Project

**THE HEALING PLACE OF
 NEW HANOVER COUNTY**

1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

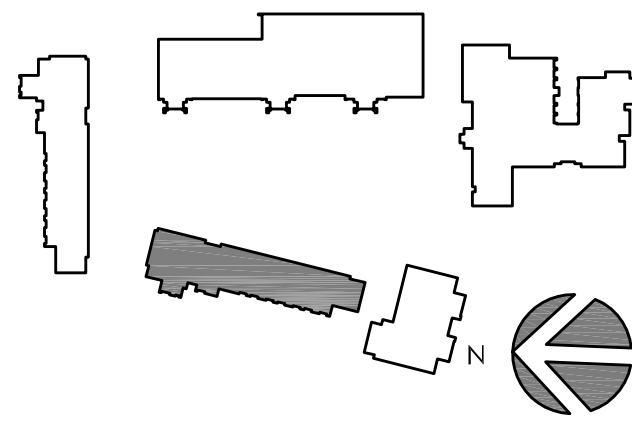
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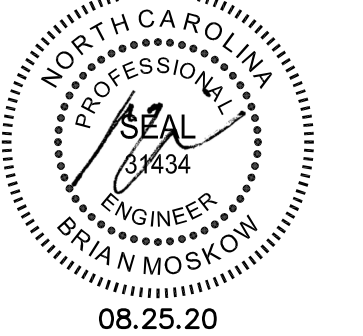
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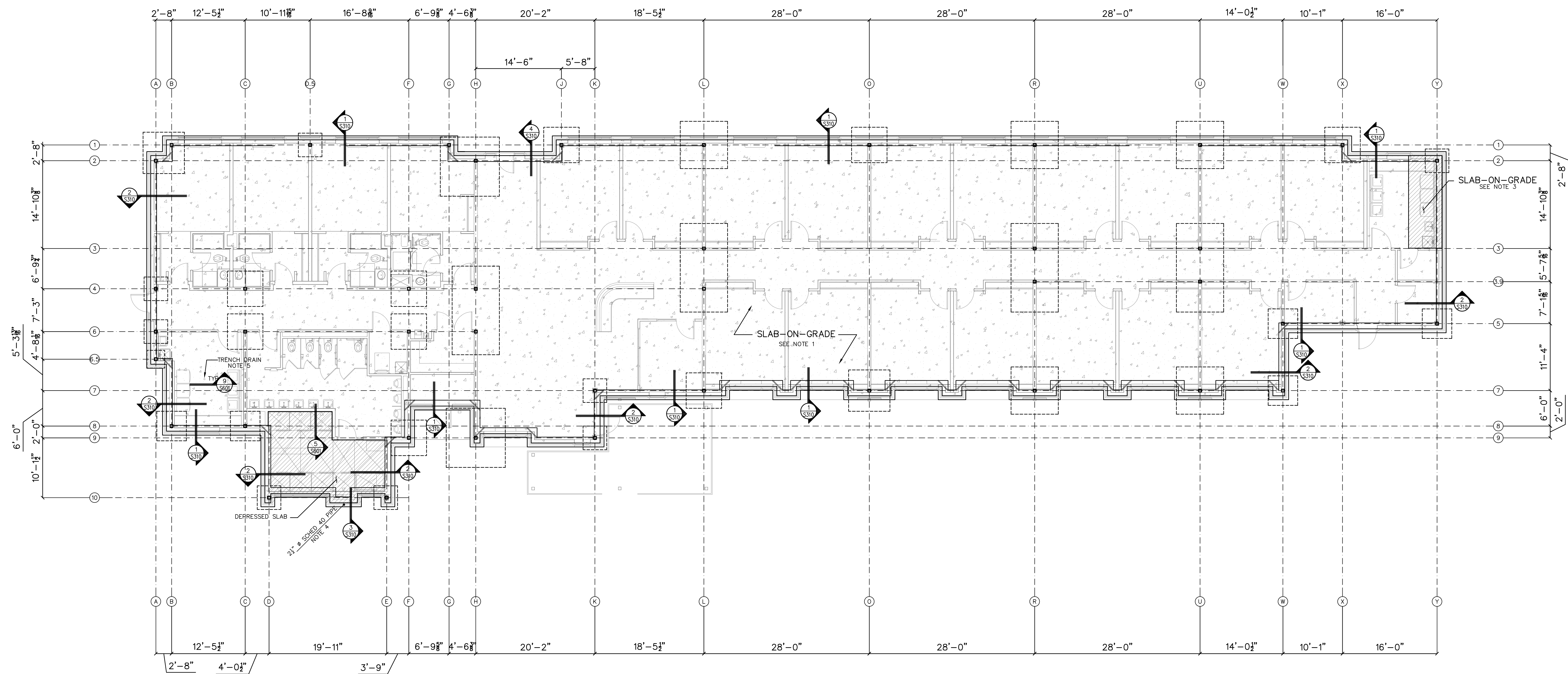
Key Plan



Professional Seal



No.	Description	Date
A	SCHEMATIC DESIGN	11/20/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20



- NOTES:
- FLOOR SLAB ON GRADE IS 4" NORMAL WEIGHT CONCRETE, 3000psi 28-DAY COMPRESSIVE STRENGTH, WITH 6x6-W2.1xW2.1 WELDED WIRE FABRIC ON A 6" POROUS GRAVEL AND 10MIL POLY VAPER BARRIER (LINO).
 - CONTRACTOR SHALL VERIFY AND COORDINATE THE LOCATION, SIZE, TYPE AND DIRECTION OF ALL THICKENED SLABS, PADS, DEPRESSIONS, RECESSED SLABS, BOLTS, SLEEVES, ANCHORS, INSERTS, OPENINGS, ETC. TO BE SET OR CAST IN CONCRETE, PRIOR TO CONCRETE PLACEMENT.
 - FLOOR SLAB ON GRADE IS 6" NORMAL WEIGHT CONCRETE, 3000psi 28-DAY COMPRESSIVE STRENGTH, WITH 6x6-W2.1xW2.1 WELDED WIRE FABRIC ON A 6" POROUS GRAVEL AND 10MIL POLY VAPER BARRIER.
 - COLUMN IS NON-STRUCTURAL - REFER TO ARCHITECTURAL PLANS FOR LOCATION.
 - COORDINATE WITH PLUMBING DRAWINGS FOR TRENCH DRAIN LOCATIONS.
 - SEE SHEET S701 FOR TYPICAL SLAB DETAILS.

1
S502 SLAB-ON-GRADE PLAN SCALE: 1/8" = 1'-0"

X	X	X	3	X
SXXX NOT USED	SCALE: SXXX NOT USED	SCALE: SXXX NOT USED	SCALE: SXXX NOT USED	SCALE: SXXX NOT USED

Project Code: 18HTWILMING
 Sheet Title
**MEN'S RESIDENTIAL
 BUILDING
 SLAB-ON-GRADE PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-502

9/23/2020 10:44 AM Z:\Vied Engineering\2018\18-E091 Healing Place - Wilmington, IL design\3-Design Development\CAD\Structural\18-E091 Healing\18-E091 Slab-ON-Grade.dwg

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RED ENGINEERING & DESIGN
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 REDENGINEERING@GMAIL.COM

Project

**THE HEALING PLACE OF
 NEW HANOVER COUNTY**

1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

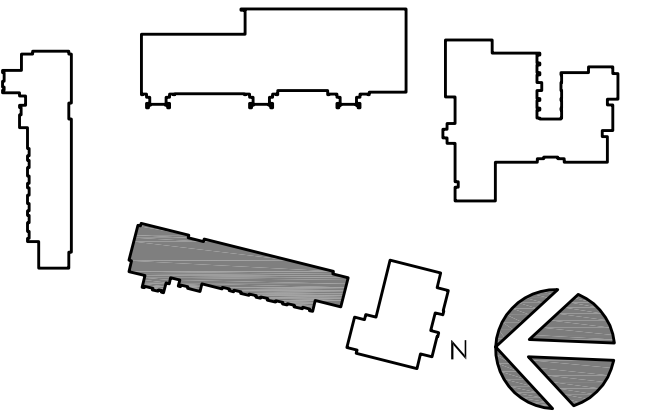
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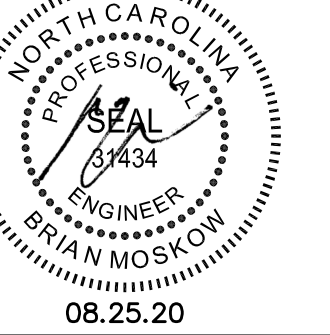
**NEW HANOVER COUNTY,
 NORTH CAROLINA**

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Key Plan



Professional Seal



No.	Description	Date
A	SCHEMATIC DESIGN	11/29/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

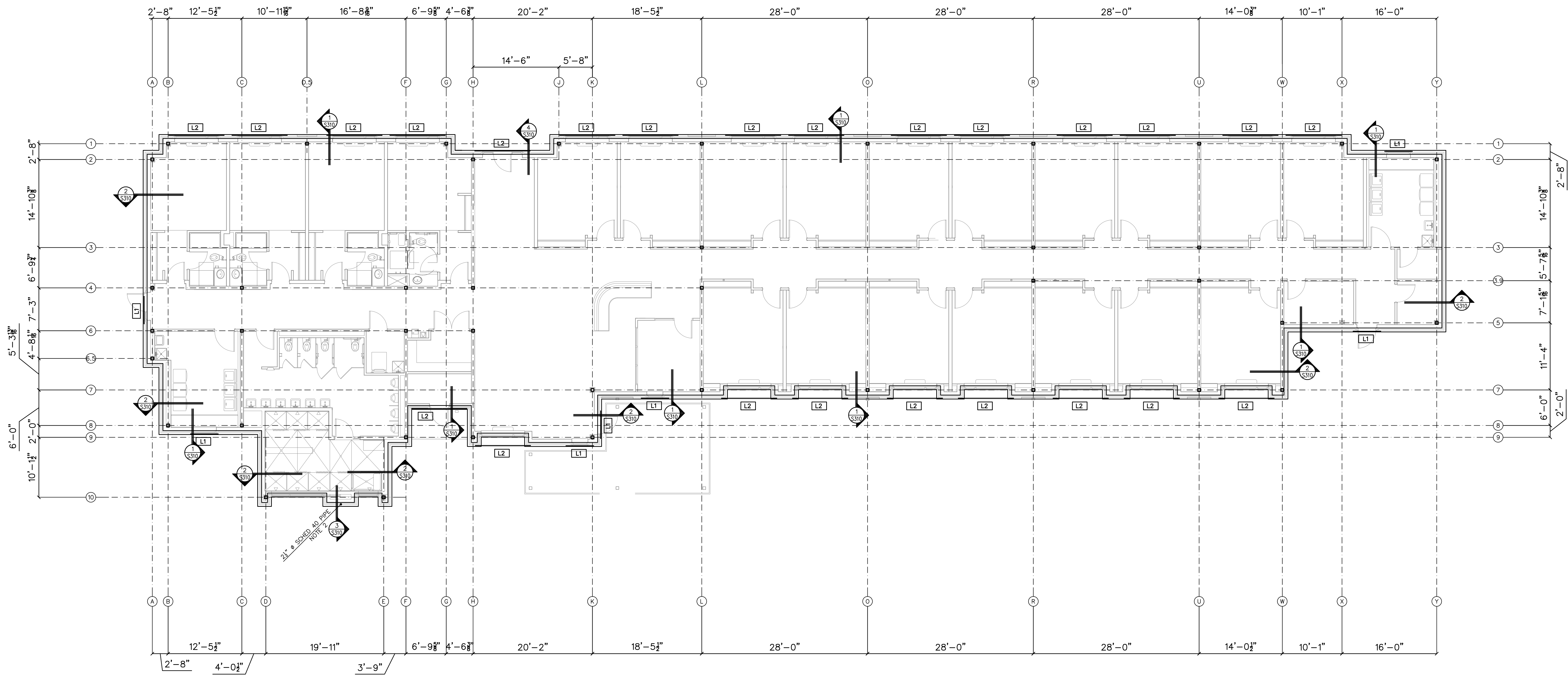
Project Code: 18HTWILMING

Sheet Title

**MEN'S RESIDENTIAL
 BUILDING LINTEL PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

S-503



NOTES:
 1.) LX DENOTES LINTEL TYPE. SEE SCHEDULE ON S001.
 2.) COLUMN IS NON-STRUCTURAL - REFER TO ARCHITECTURAL PLANS FOR LOCATION.

1

S503 ROOF PLAN

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

X
 SXXX NOT USED

SCALE: X
 SXXX NOT USED

SCALE: X
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SCALE: X
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SCALE: X
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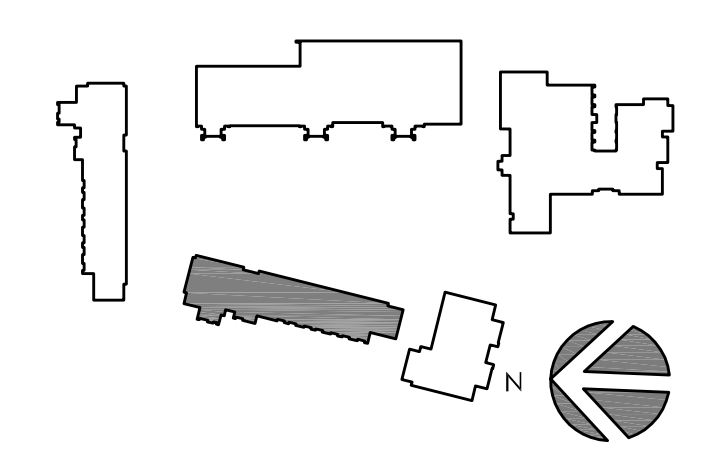
SCALE:


RED JOB No. 18-E091
RED ENGINEERING & DESIGN
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 126 SALEM TOWNE CT
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 REDENGINEERING@GMAIL.COM
C-3479

Project
**THE HEALING PLACE OF
 NEW HANOVER COUNTY**
 1000 MEDICAL CENTER DRIVE
 WILMINGTON, NORTH CAROLINA

Client

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 NORTH CAROLINA**
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 Key Plan



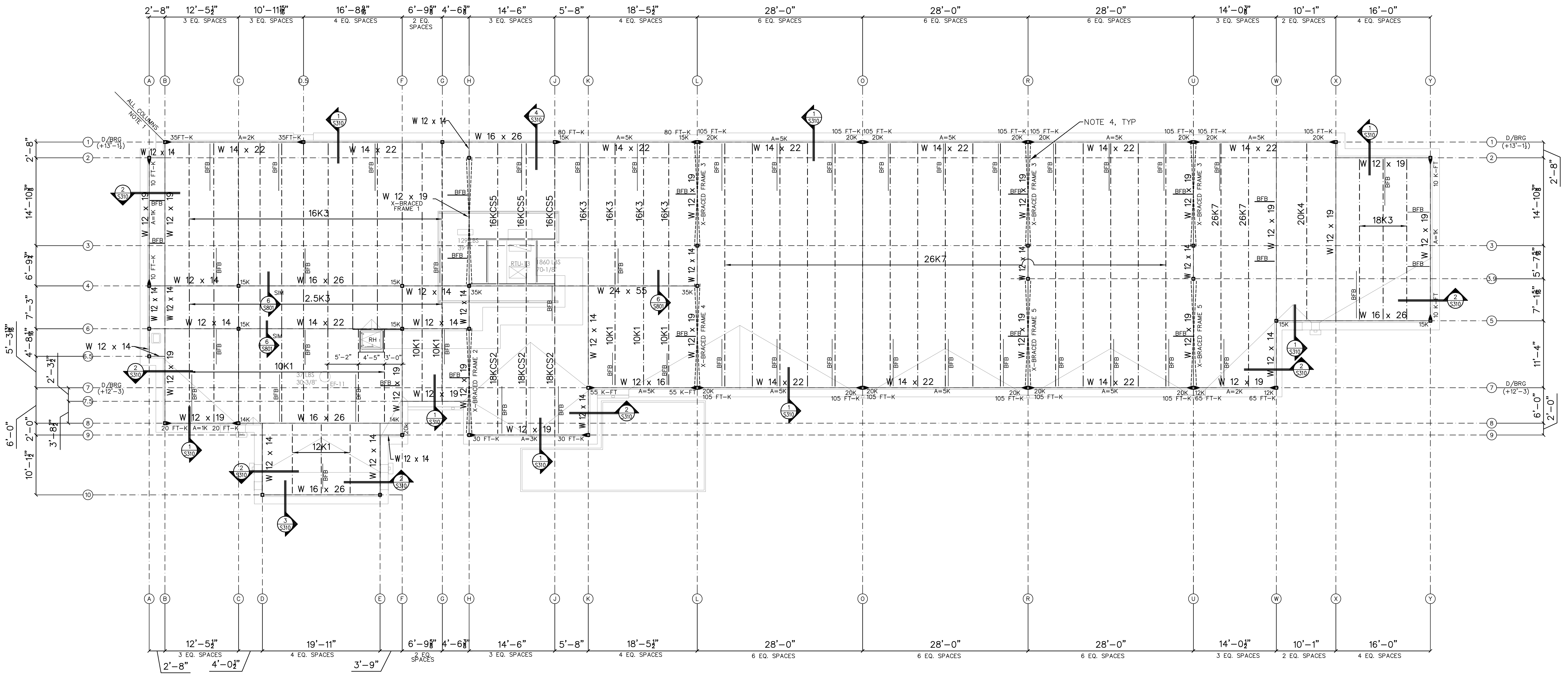
Professional Seal

 No. Description Date

No.	Description	Date
A	SCHEMATIC DESIGN	11/28/19
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Project Code: 18HTWILMNG
 Sheet Title
**MEN'S RESIDENTIAL
 BUILDING ROOF PLAN**

Original drawing is 42 x 30. Do not scale contents of this drawing.
 Sheet Number

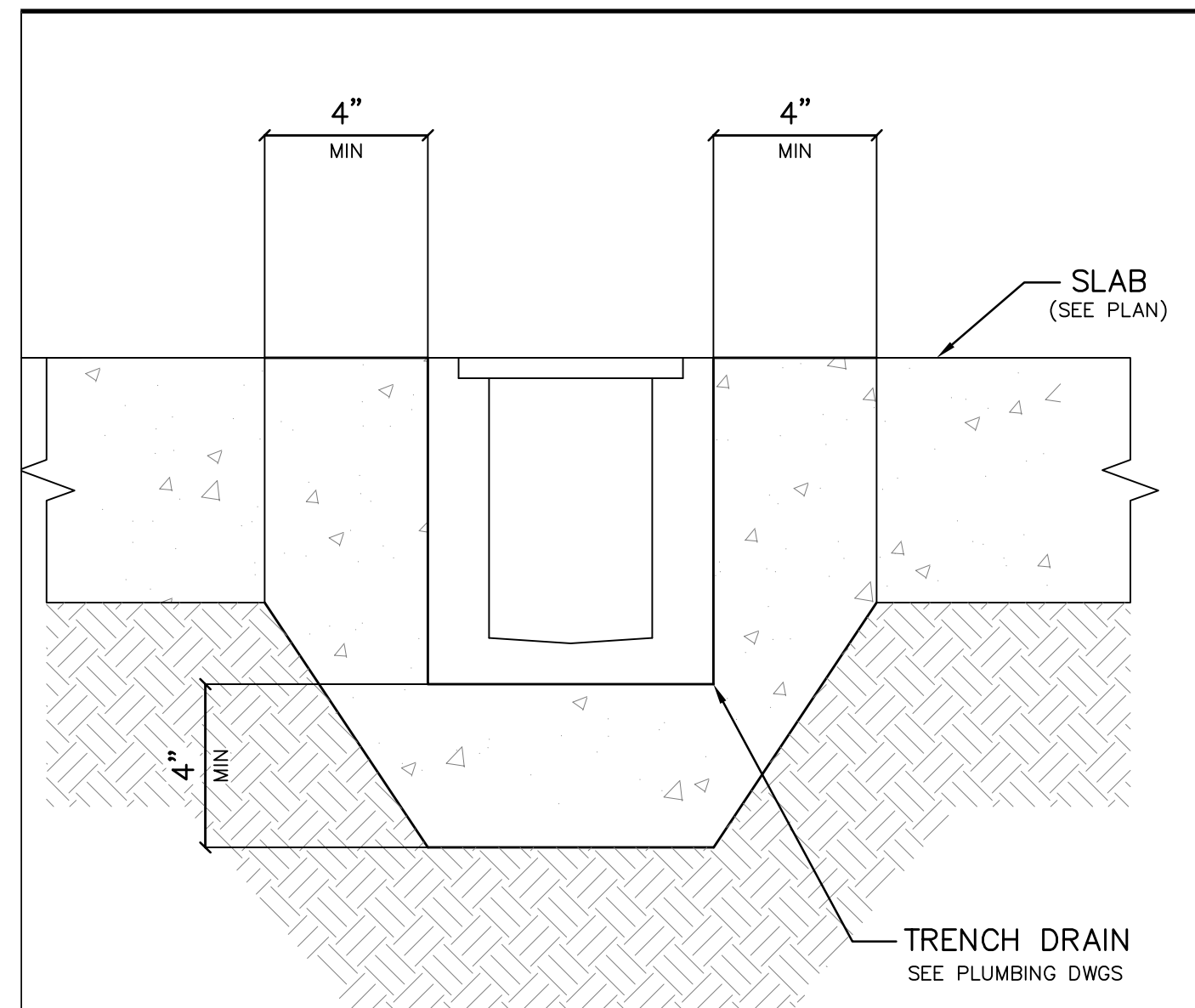
S-504



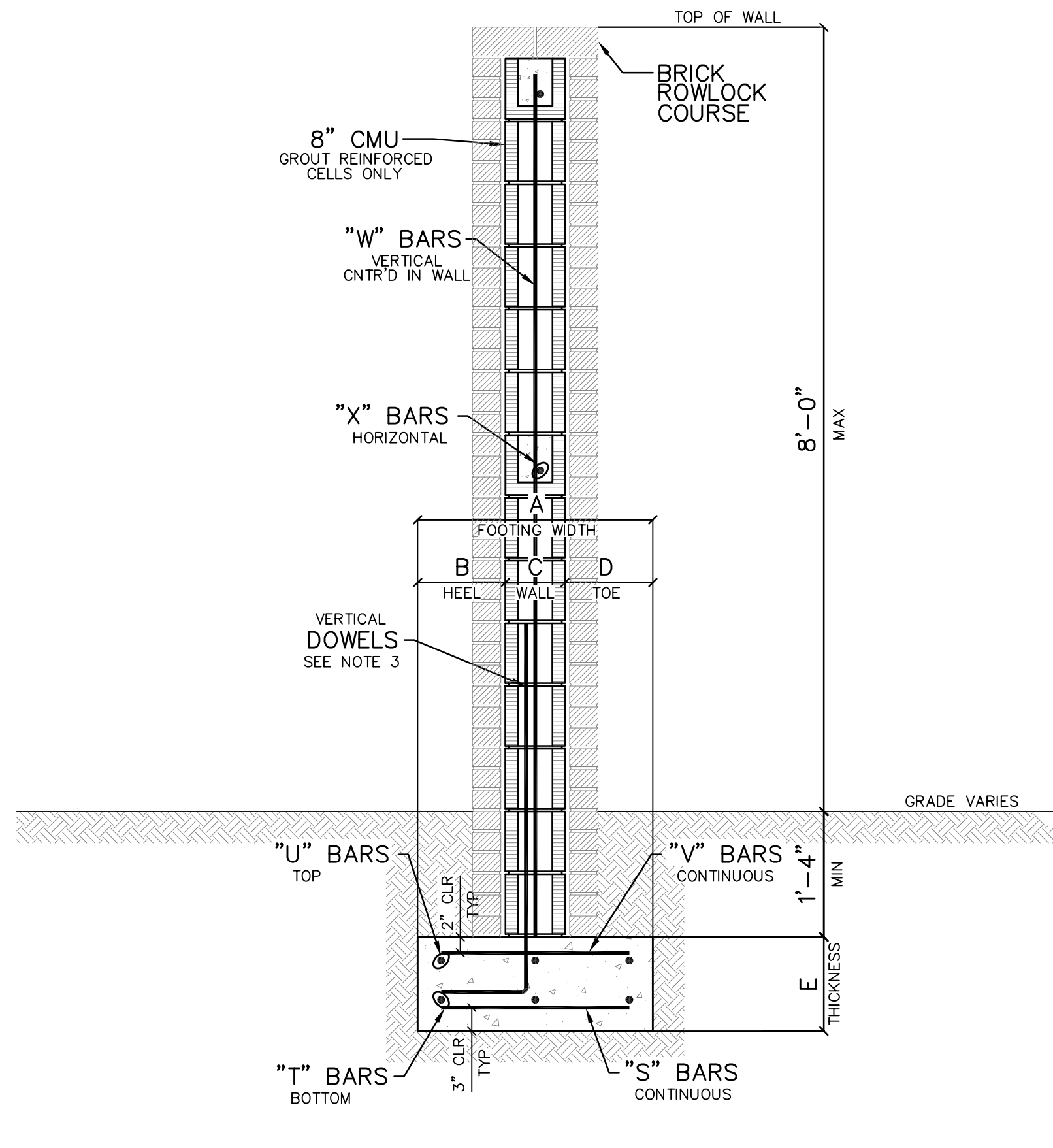
- NOTES:
 1.) ALL COLUMNS TO BE HSS 6 x 6 x 1/8 U.N.O.
 2.) BFB = C, 3 x 3 x 1/4 BOTTOM FLANGE BRACE.
 3.) ■ INDICATES MOMENT CONNECTION.
 4.) ALL X-BRACING TO BE HSS 6 x 6 x 1/8 U.N.O.
 5.) LOADS SHOWN AS "A=XXX" DENOTE AXIAL LOADS.
 6.) REFER TO SHEET S504 FOR ALL BRACED FRAME ELEVATIONS.
 7.) ROOF DECK TO BE VULCRRAFT 1.58/20. SEE DETAIL 5/S801.
 8.) SEE SHEET S901 FOR TYPICAL RTU SUPPORT/ROOF SCREEN DETAILS.

1	S504 ROOF PLAN					SCALE: 1/4" = 1'-0"
6	5	4	3	2	1	
S504 X-FRAME 5	S504 X-FRAME 4	S504 X-FRAME 3	S504 X-FRAME 2	S504 X-FRAME 1		
SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"

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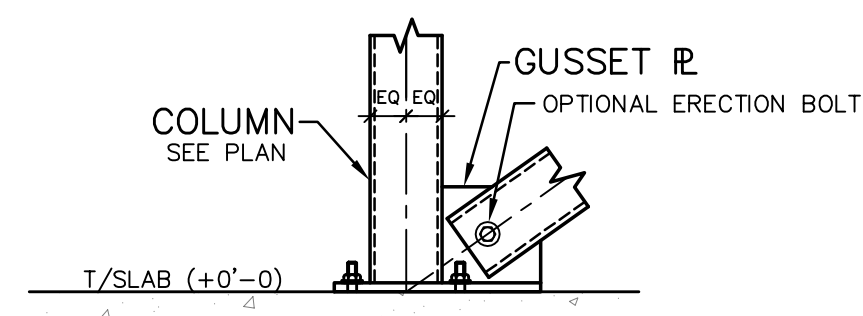


9 S601 DETAIL SCALE: 3" = 1'-0"



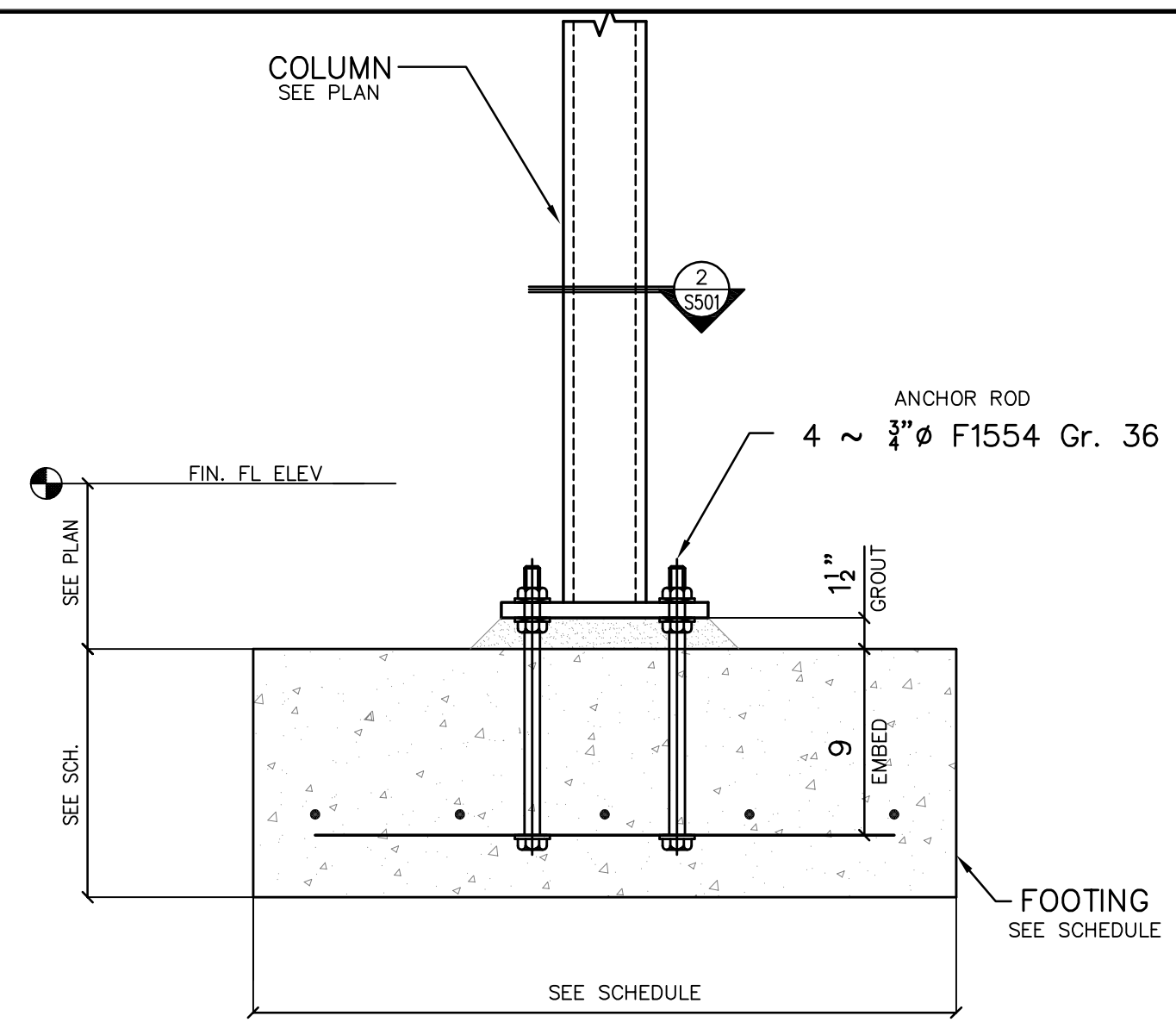
SCREEN WALL SCHEDULE												
MARK	DIMENSIONS					FOOTING REINFORCEMENT					WALL REINFORCEMENT	
	A	B	C	D	E	"S" BARS	"T" BARS	"U" BARS	"V" BARS	"W" BARS	"X" BARS	
RW1	4'-8"	2'-0"	8"	2'-0"	1'-0"	N/A	#5 @ 8" o.c.	#5 @ 18" o.c.	#5 @ 18" o.c.	#5 @ 8" o.c.	#5 @ 48" o.c.	

NOTES:
 1.) CMU BLOCK COURSING ILLUSTRATED IN THIS AND OTHER DETAILS IS FOR DIAGRAMMATIC PURPOSES ONLY. THE ACTUAL QUANTITIES OF BLOCK COURSES WILL VARY DUE TO ACTUAL TOP OF FOOTING ELEVATIONS (SEE PLAN).
 2.) SPACE REINFORCING BARS EQUALLY THROUGHOUT FOOTING.
 3.) DOWELS TO MATCH WALL REINFORCEMENT SEE WALL SCHEDULE FOR SIZE AND SPACING. ALL LAPS TO BE CLASS "A" TENSION LAPS, U.N.O. LAP FULL DEVELOPMENT LENGTH, 48 BAR DIAMETERS MINIMUM.

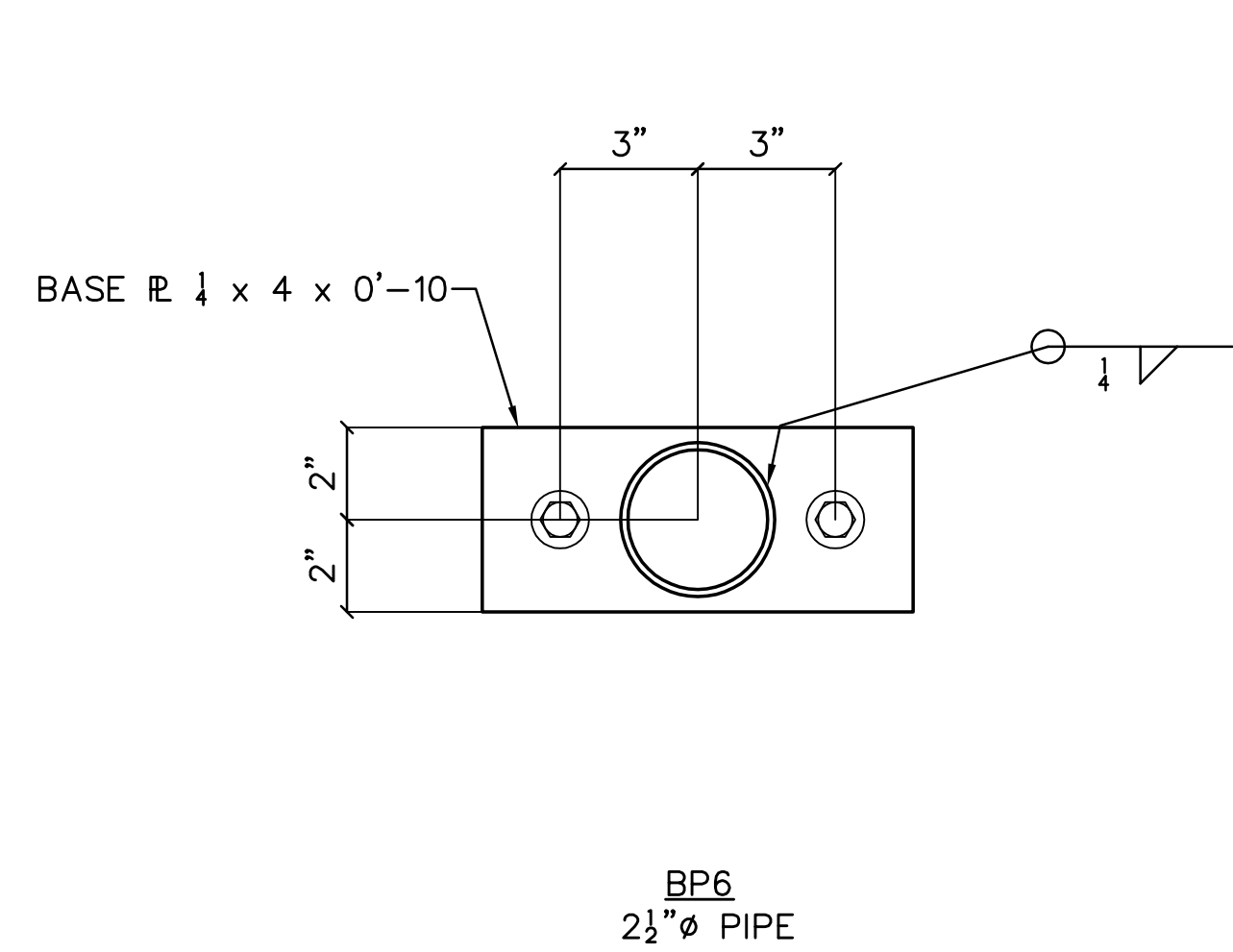
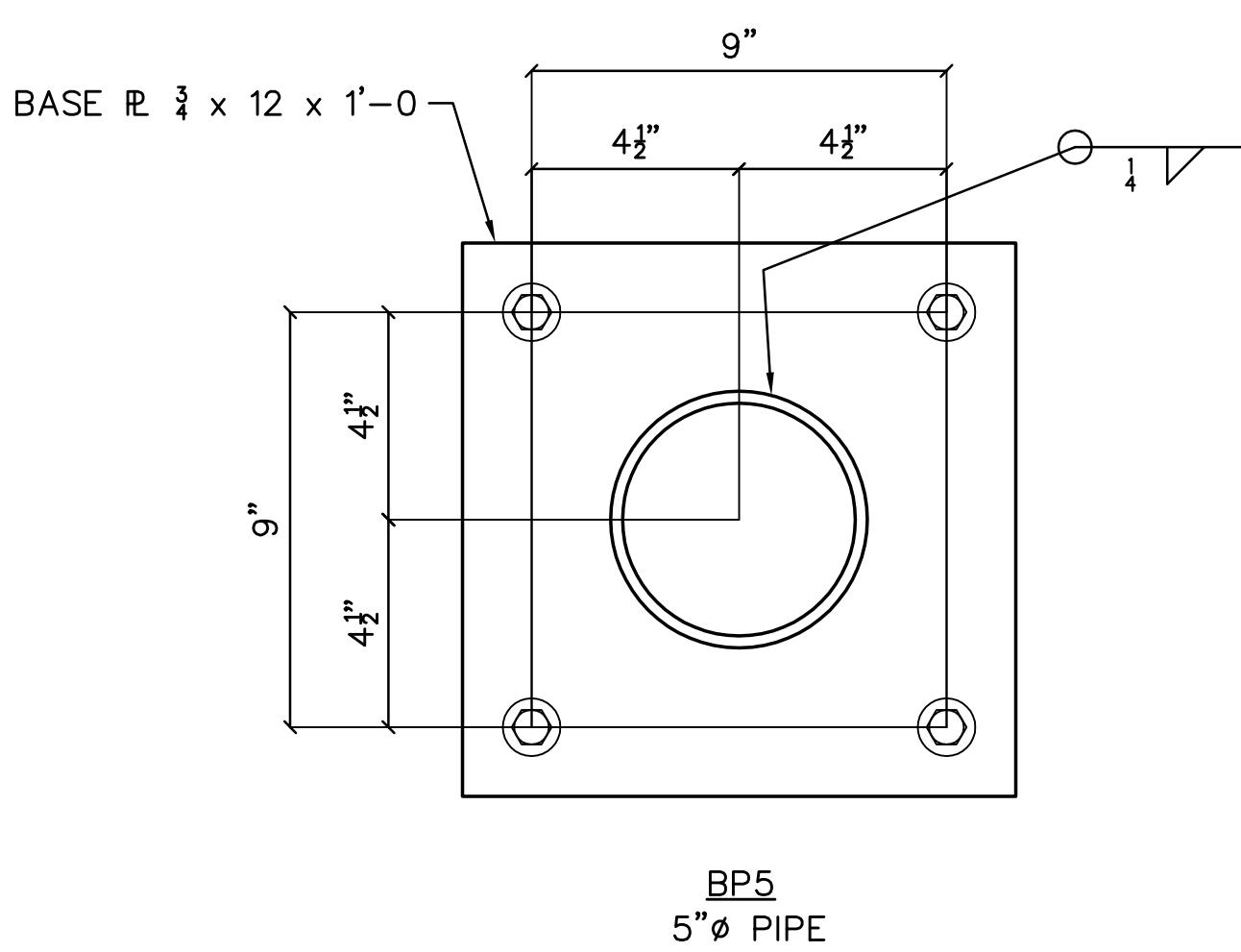
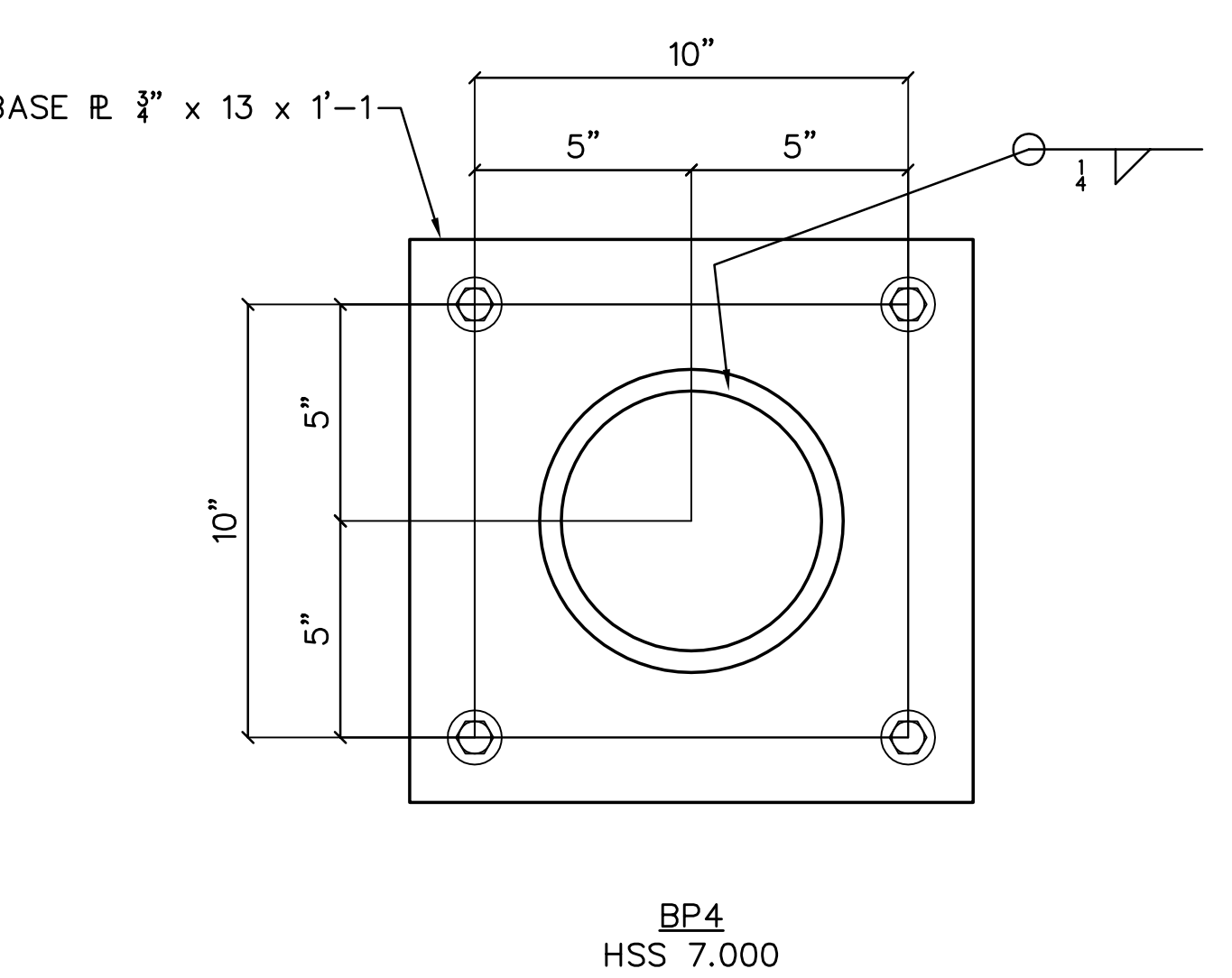
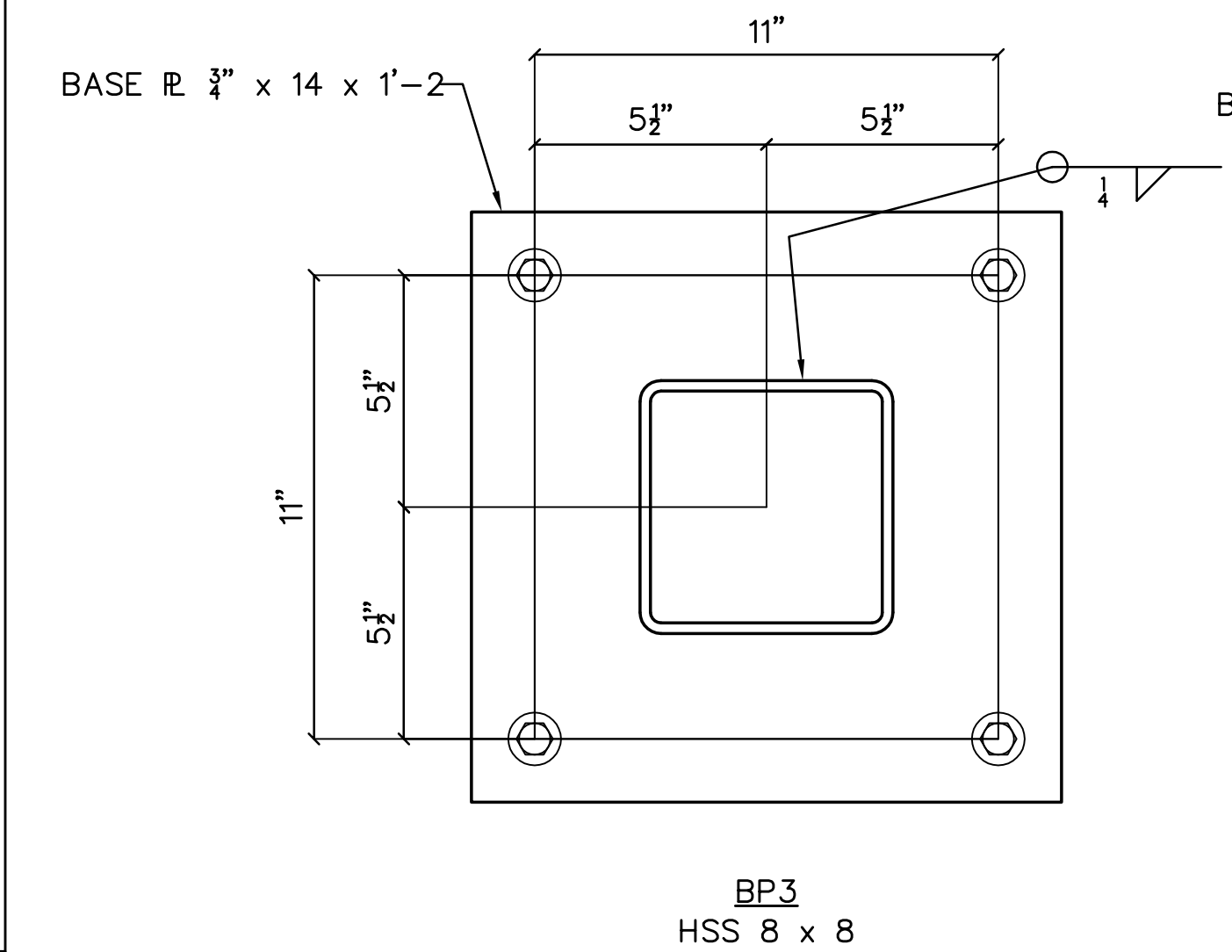
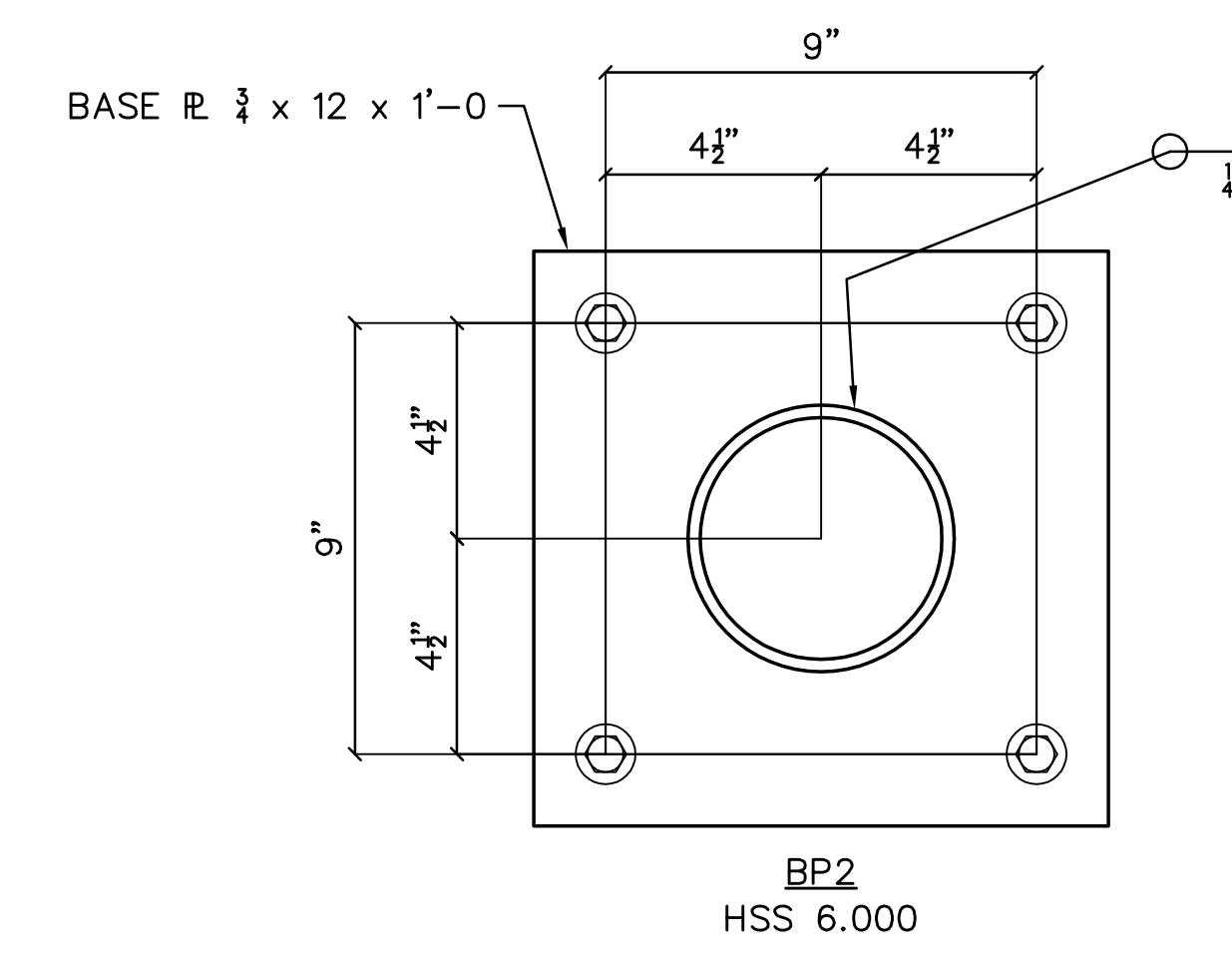
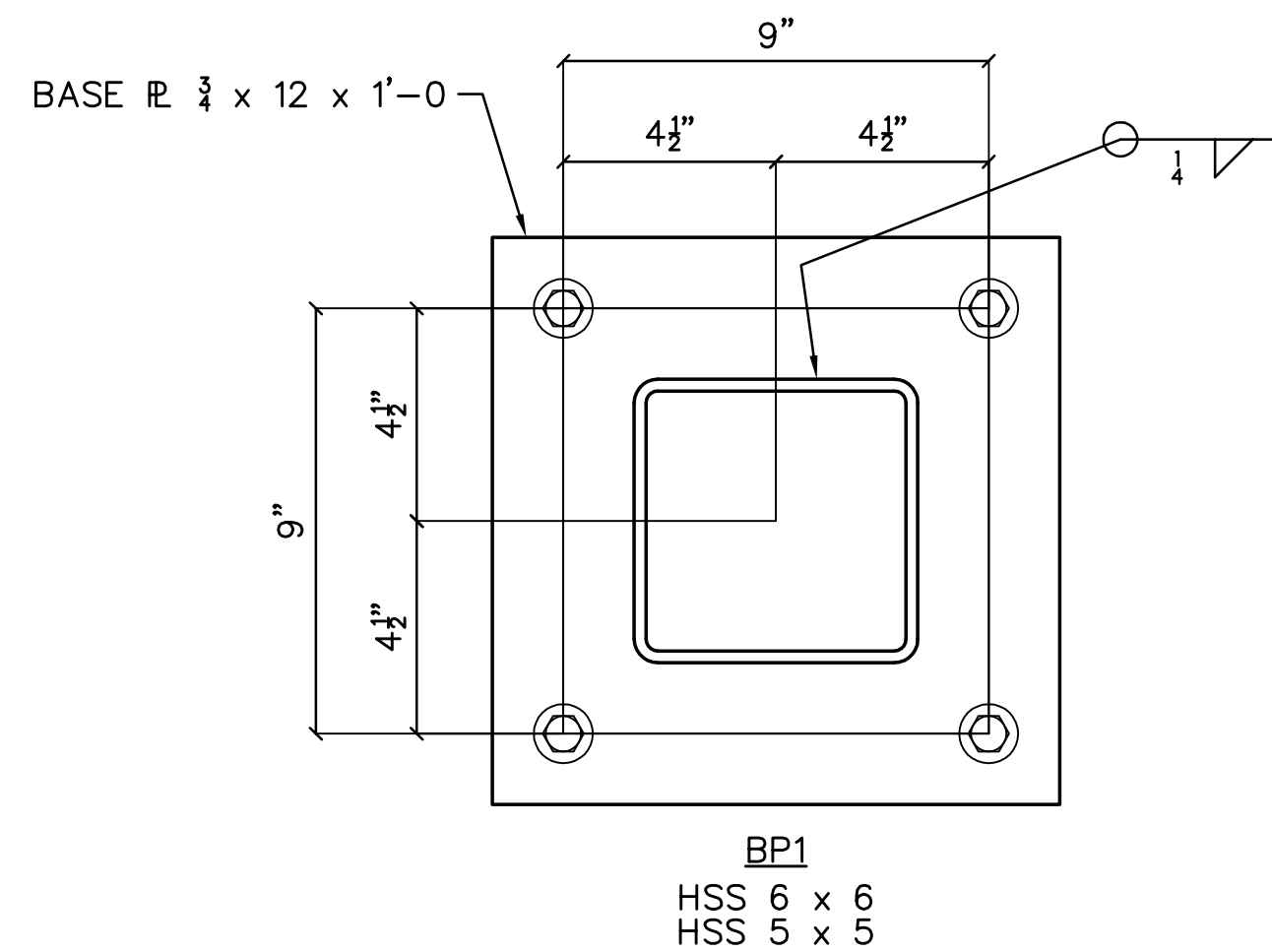


NOTES:
 1.) BRACE CONNECTION SHALL BE DESIGNED BY FABRICATOR FOR MINIMUM FACTORED LOADS INDICATED ON BRACING BAY ELEVATIONS.
 2.) EXTEND BASE PLATE AS NEEDED TO FULLY ENGAGE GUSSET PLATE.

3 S601 DETAIL SCALE: 3/4" = 1'-0"

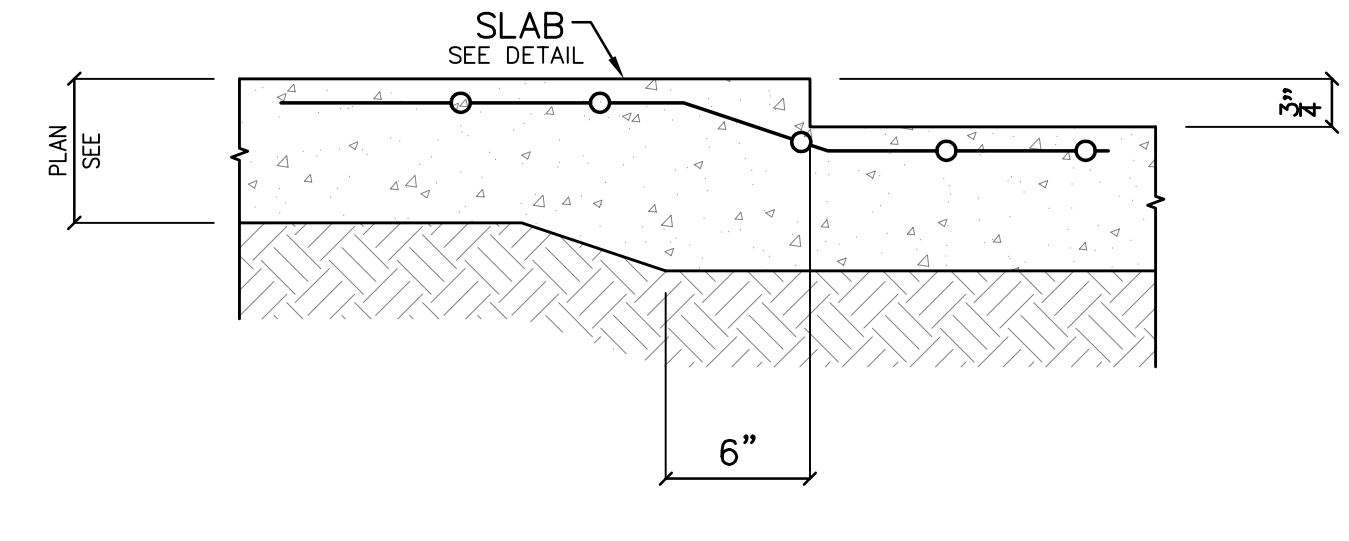
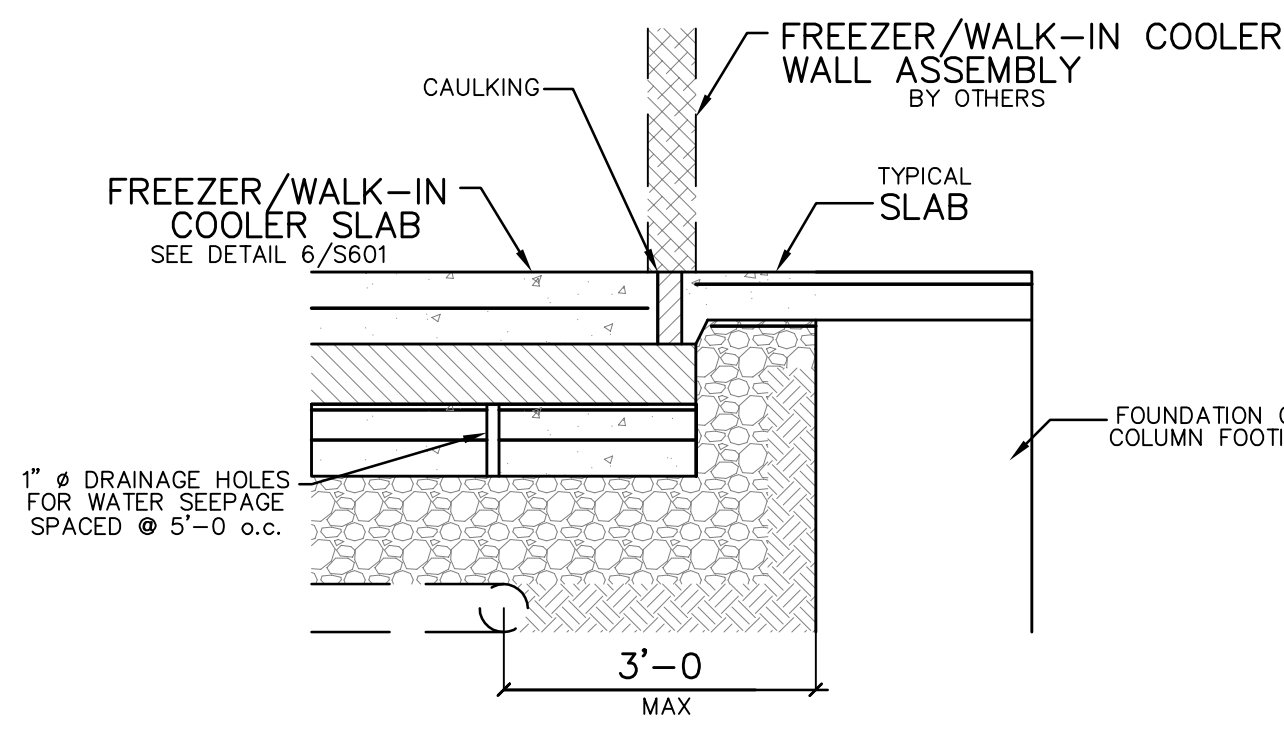


1 S601 DETAIL SCALE: 1 1/2" = 1'-0"



X SXXX NOT USED SCALE: S601 DETAIL

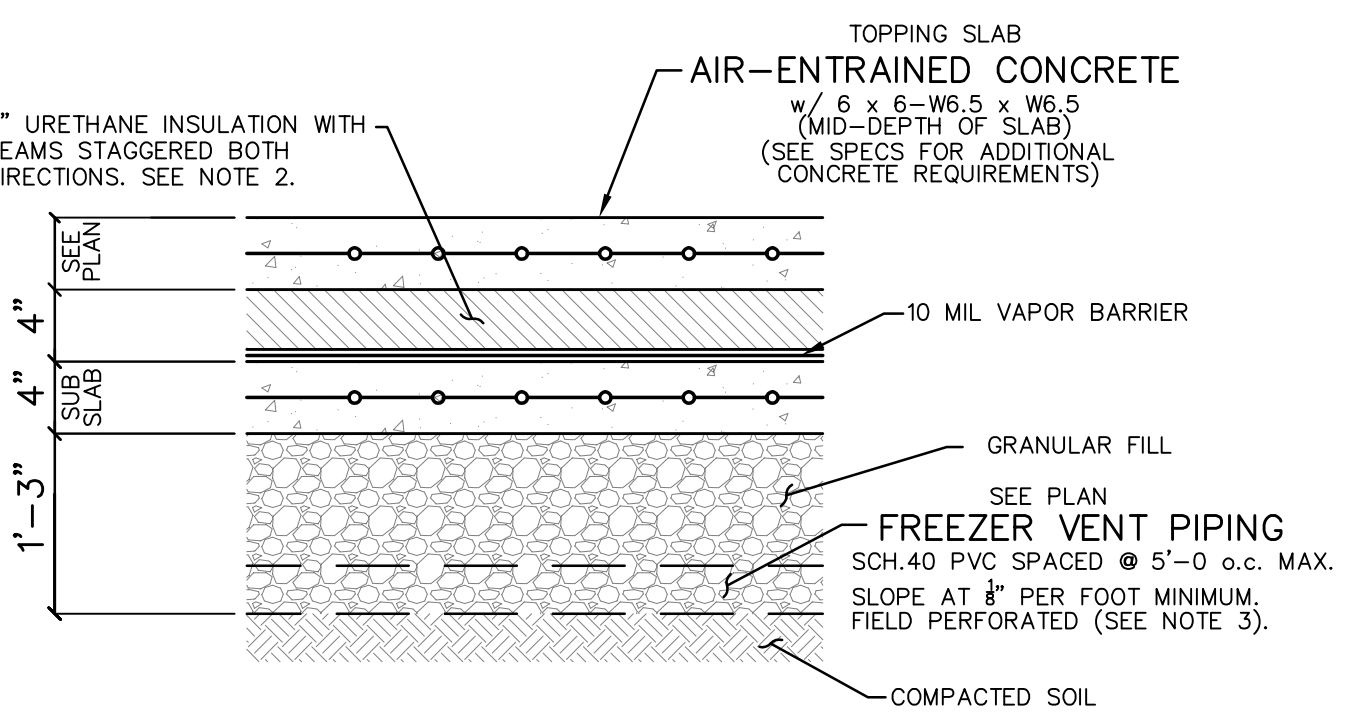
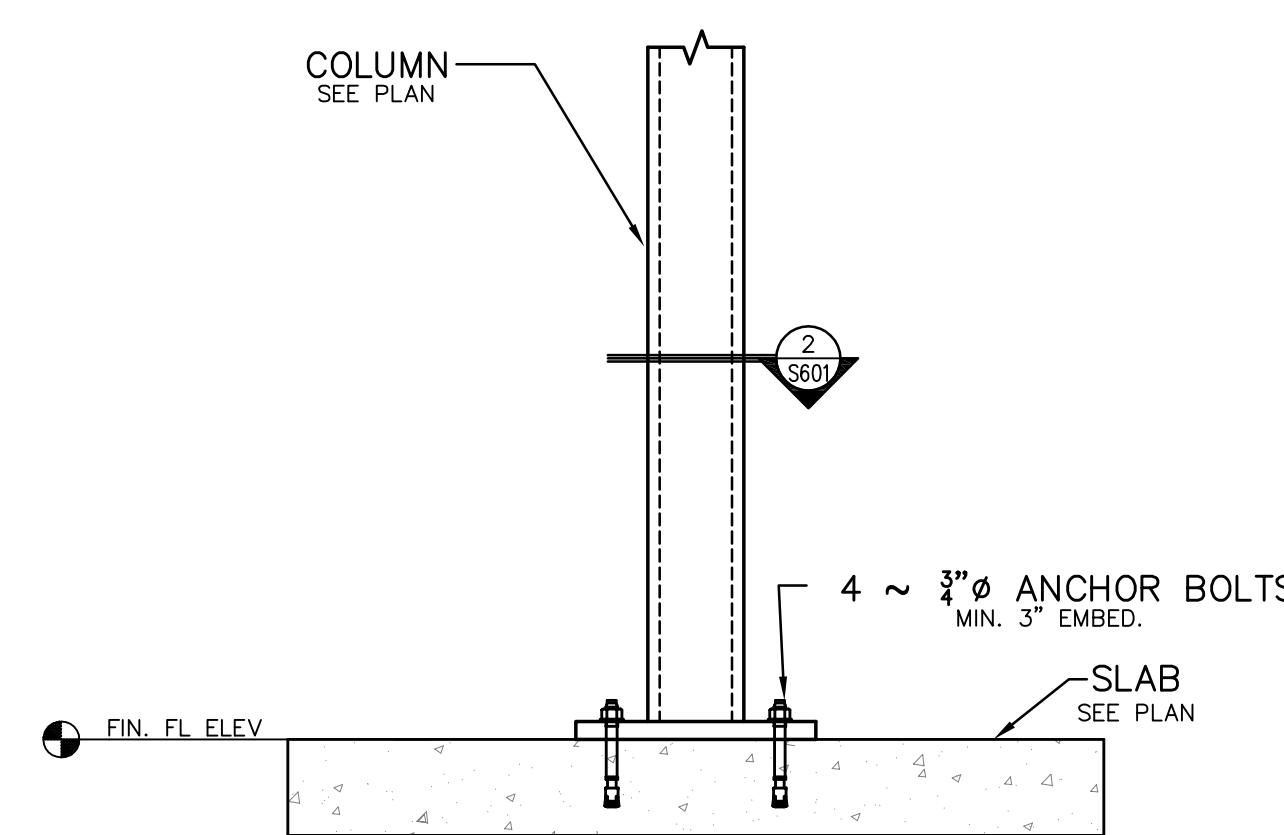
4 S601 DETAIL SCALE: 3/4" = 1'-0"



X SXXX NOT USED SCALE: S601 DETAIL

7 S601 DETAIL SCALE: 3/4" = 1'-0"

5 S601 DETAIL SCALE: 1 1/2" = 1'-0"



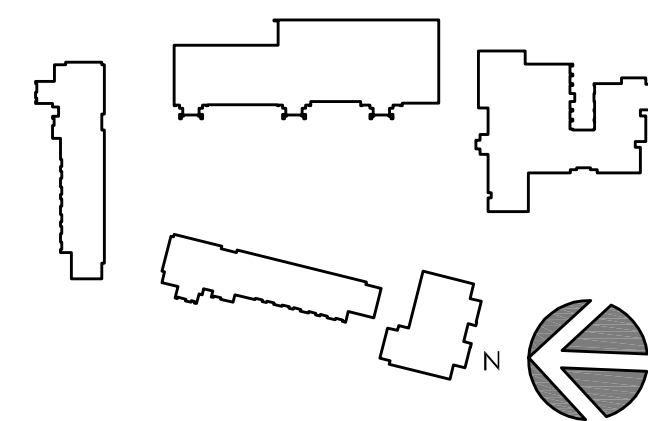
NOTES:
 1.) UNLESS OTHERWISE NOTED, PROVIDE A TOPPING SLAB FLATNESS (FF) BETWEEN 25-35 AND A SLAB LEVELNESS (FL) BETWEEN 20-25.
 2.) THE INSULATION STIFFNESS SHOULD BE EVALUATED ON PROPOSED SUBGRADE USING THE PROCEDURES FOR DETERMINING THE MODULUS OF SUBGRADE REACTION OF SOIL GIVEN IN ASTM D 1196. COMPRESSIVE CREEP DUE TO SUSTAINED LOADS ON THE INSULATION SHOULD BE CONSIDERED. COMPRESSIVE STRENGTH OF THE INSULATION SHOULD BE 5 TIMES THE LIVE LOADS AND 3 TIMES THE DEAD LOADS, TO LIMIT LONG-TERM CREEP TO 2% OF THE INSULATION THICKNESS OVER A 20-YEAR PERIOD.
 3.) PERFORATE PVC VENT PIPE FOR CONDENSATE DRAINAGE WITH 2" DIA. HOLES ON THE BOTTOM AT EVERY 24".
 4.) VENT PIPES TO BE PLACED ON 2" MINIMUM AGGREGATE AT LOW END.

X SXXX NOT USED SCALE: S601 DETAIL

8 S601 DETAIL SCALE: 1 1/2" = 1'-0"

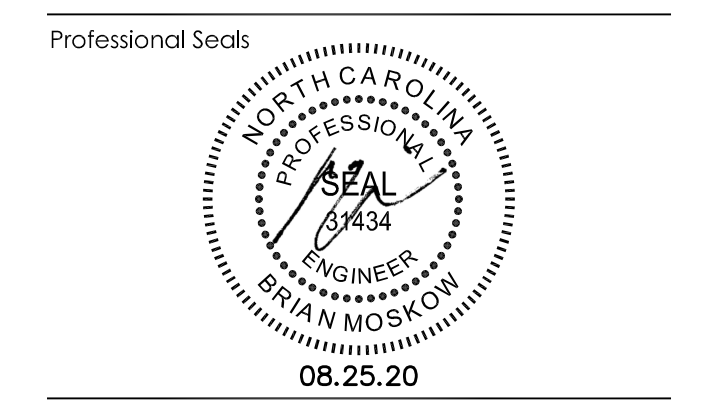
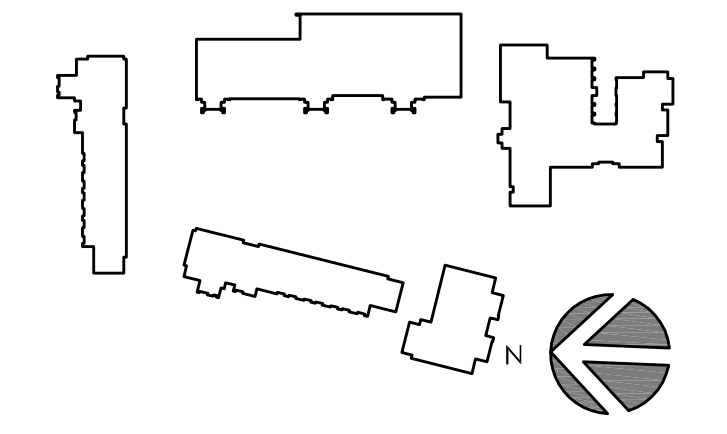
6 S601 DETAIL SCALE: 3/4" = 1'-0"

2 S601 DETAIL SCALE: 3/4" = 1'-0"

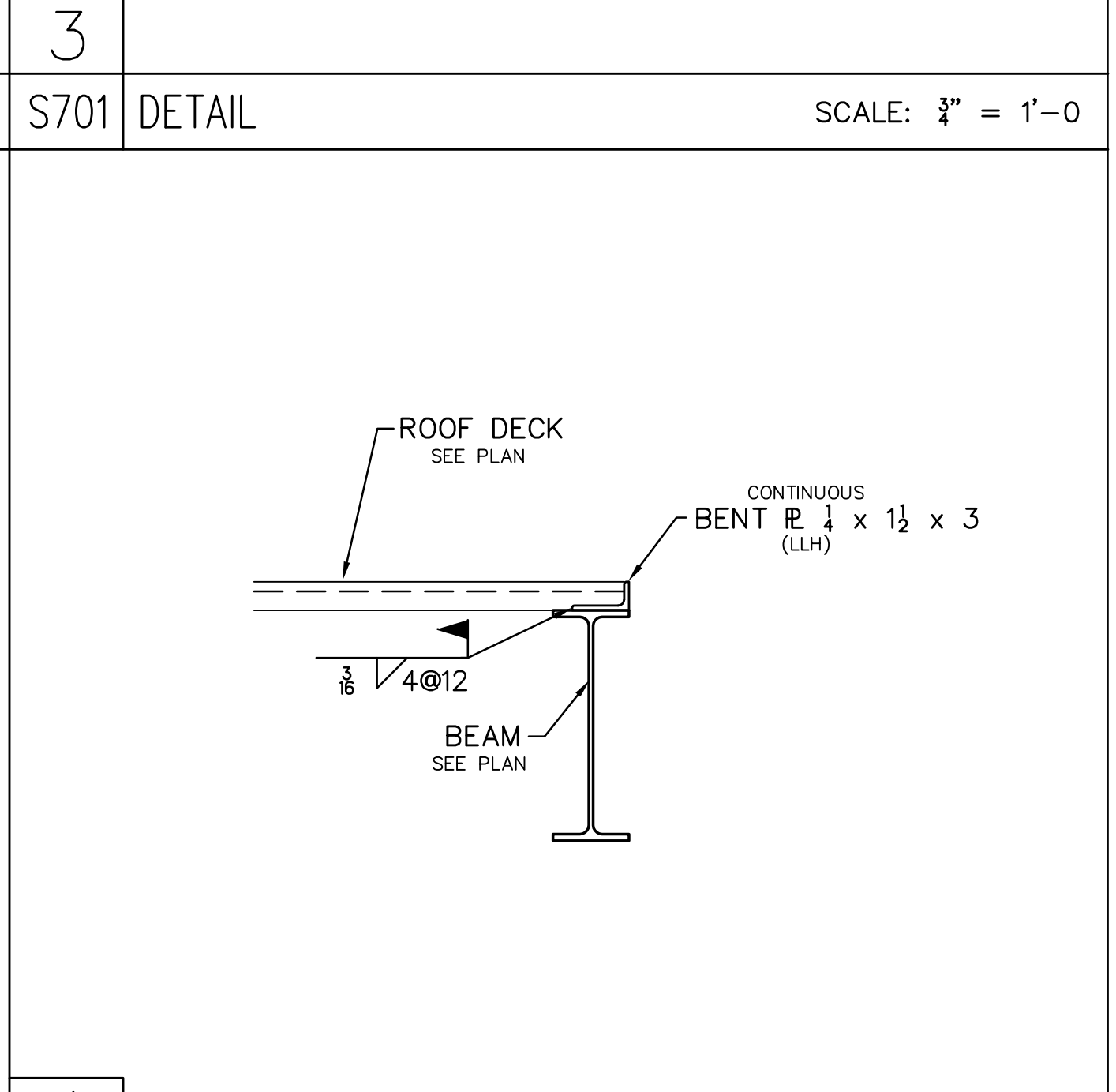
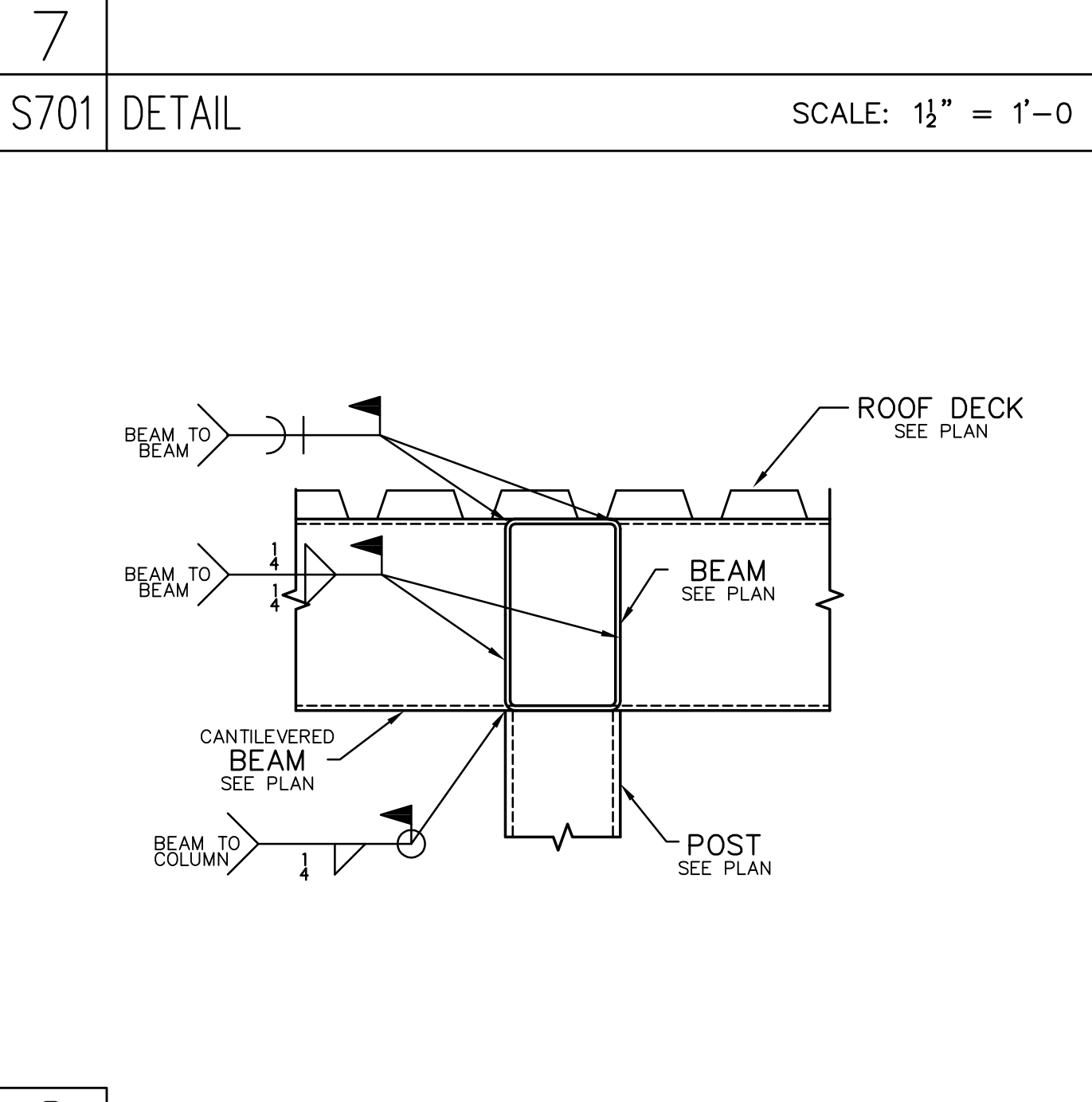
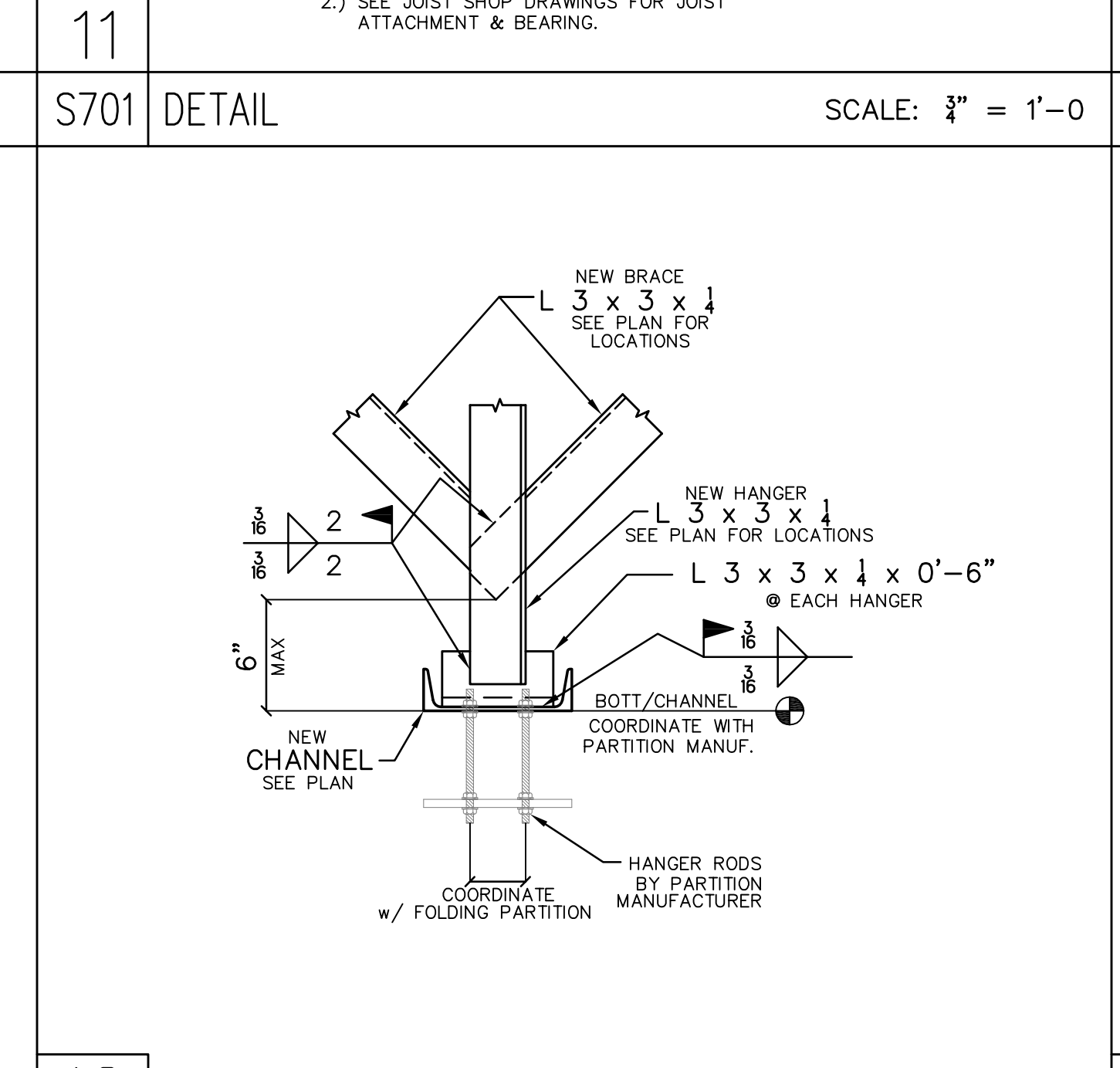
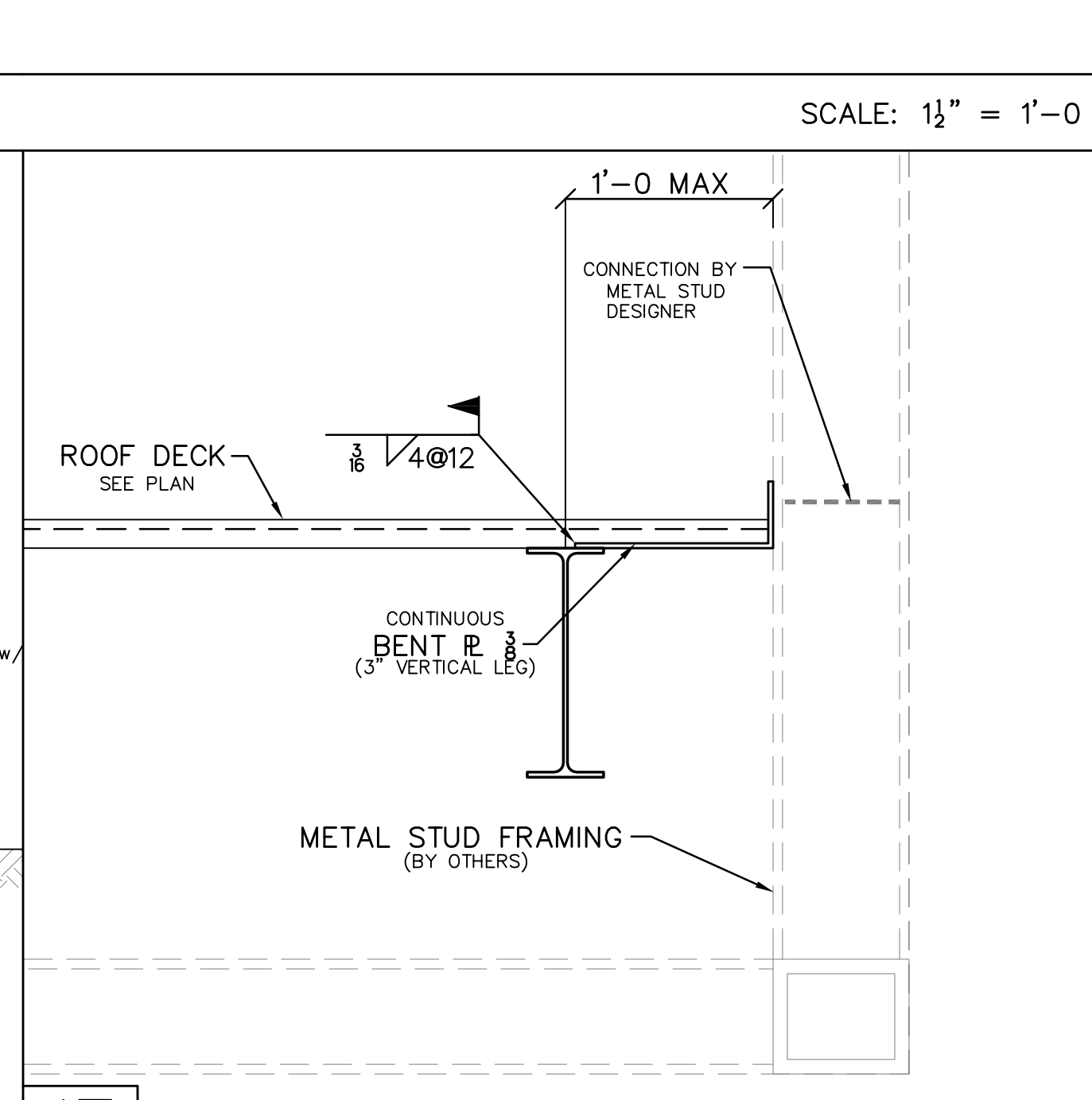
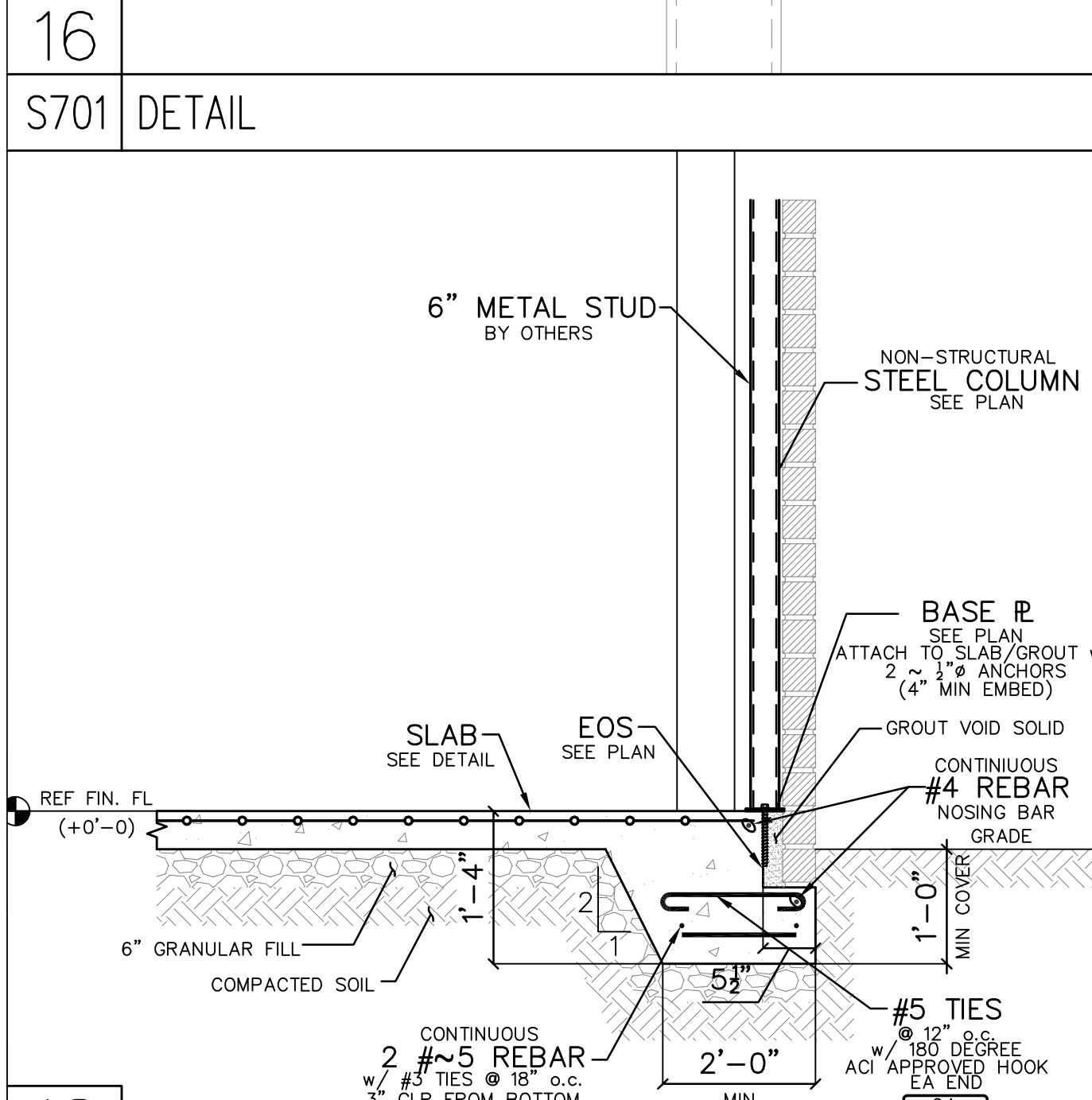
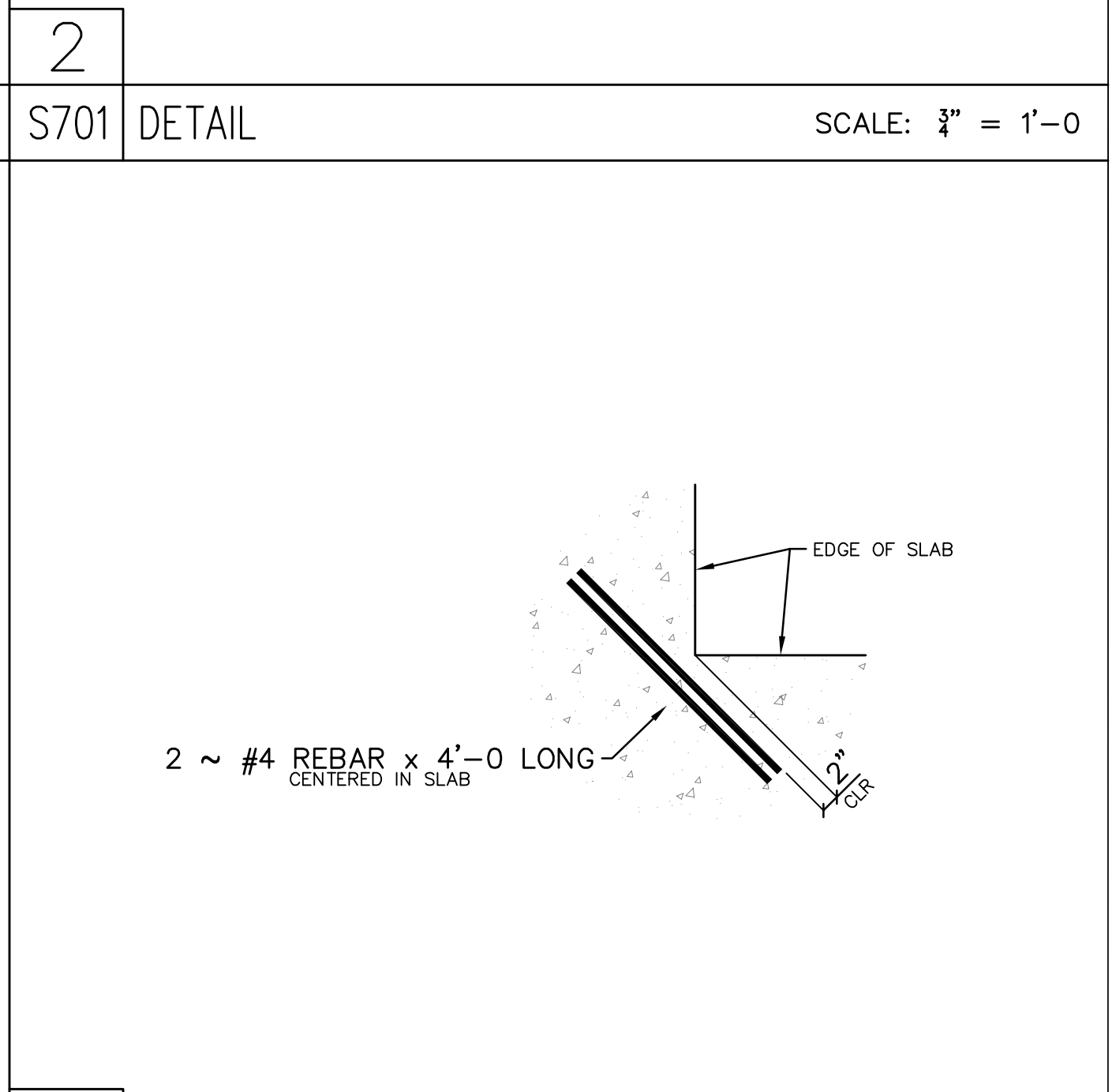
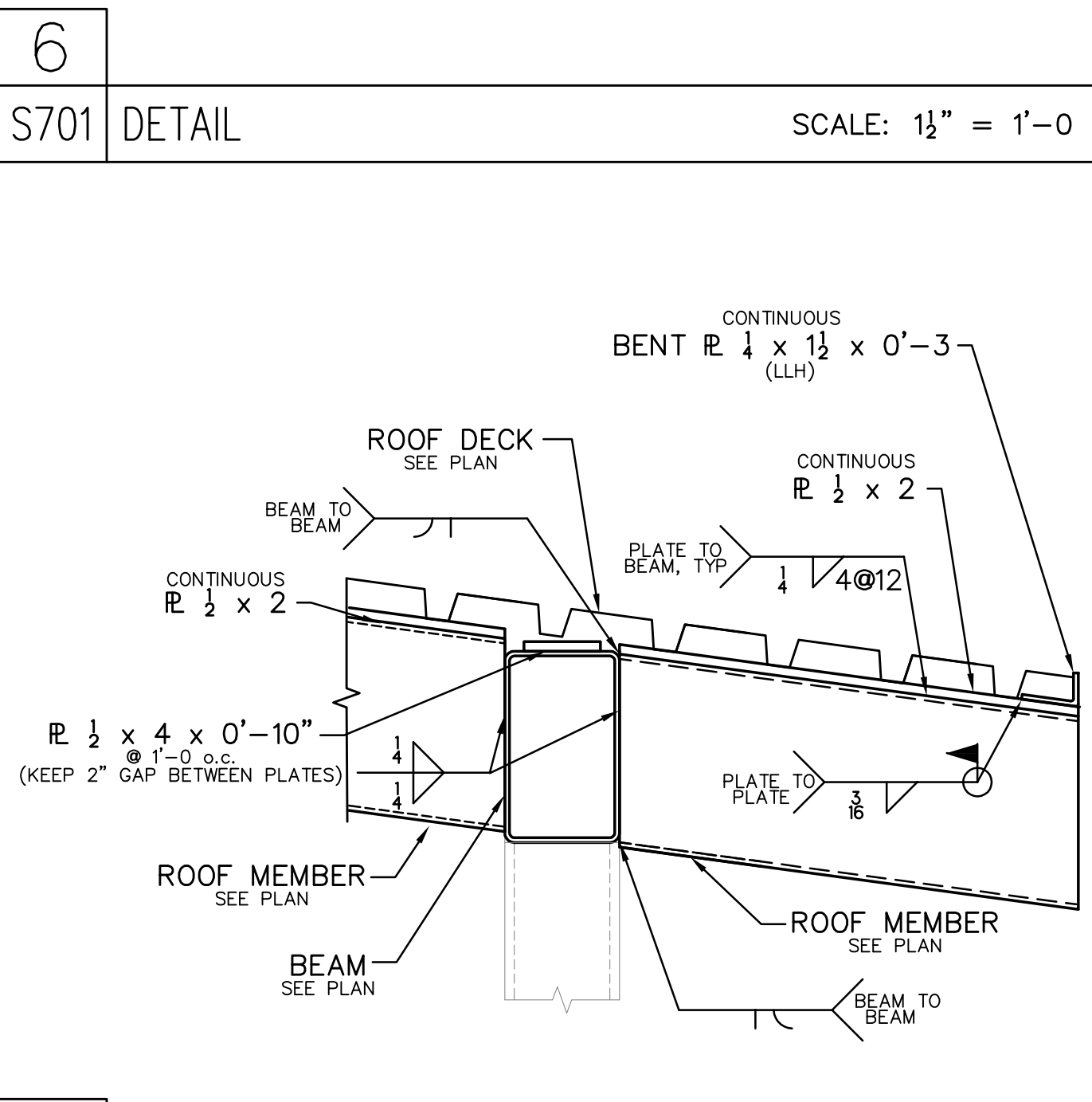
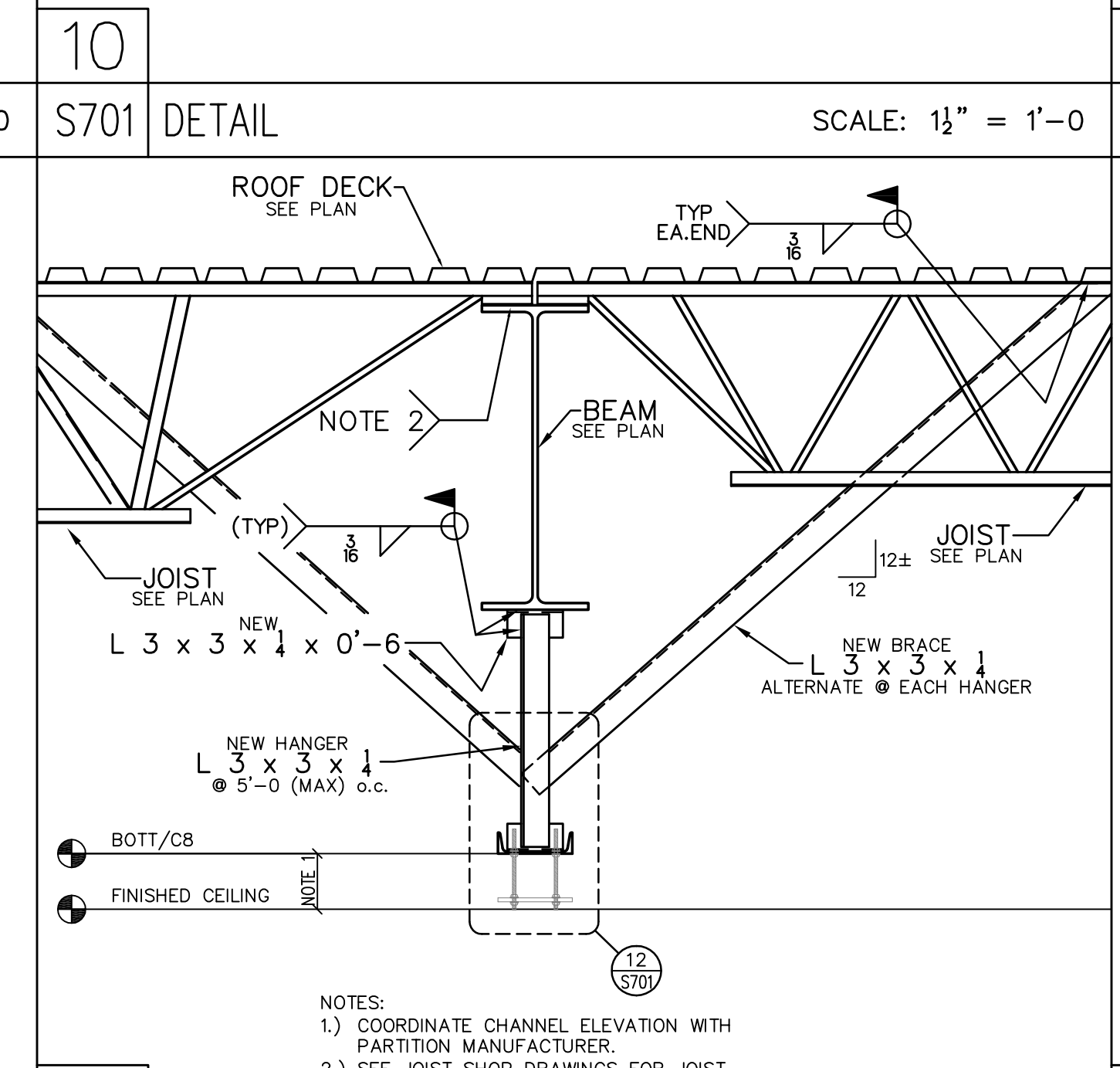
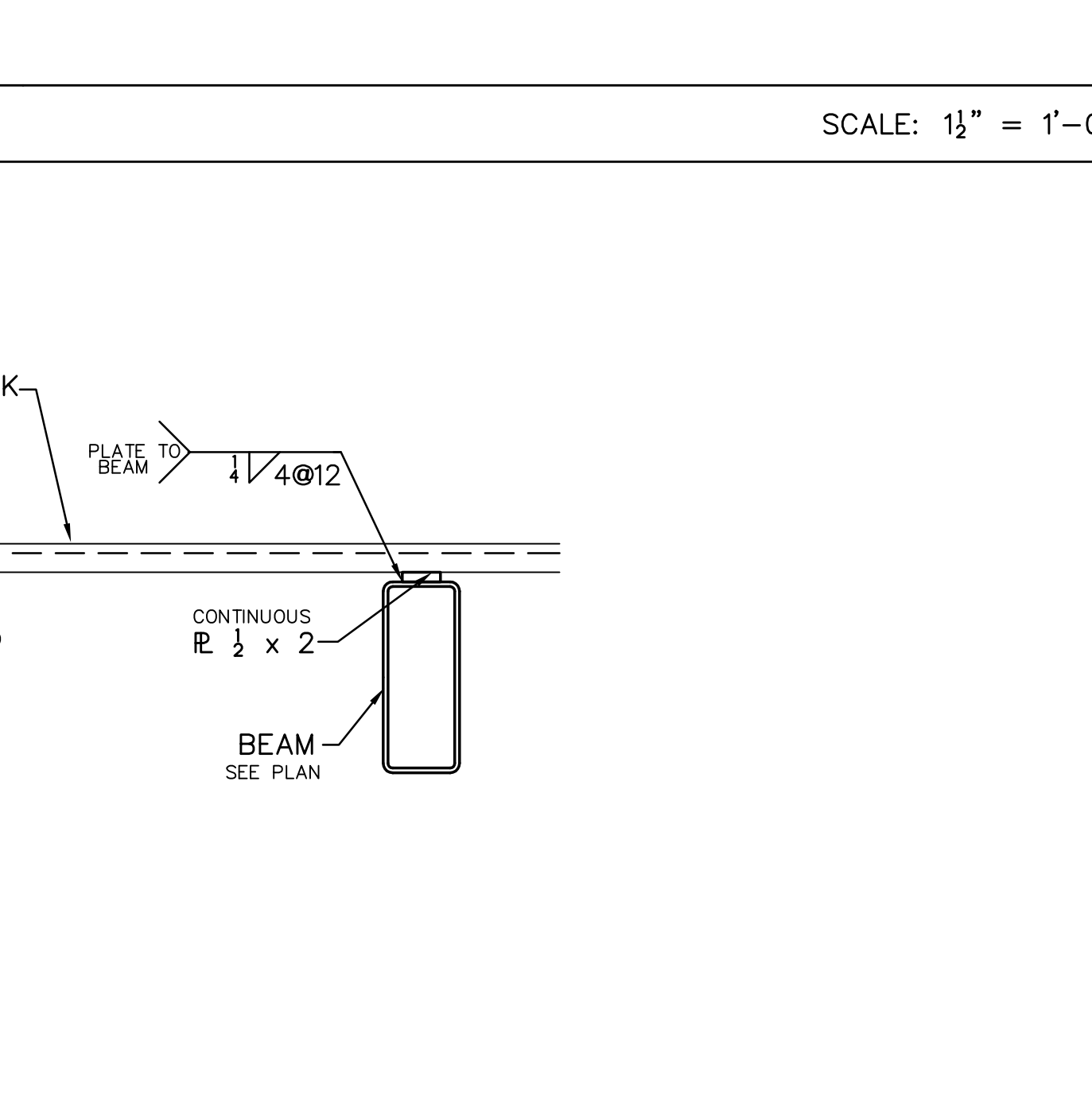
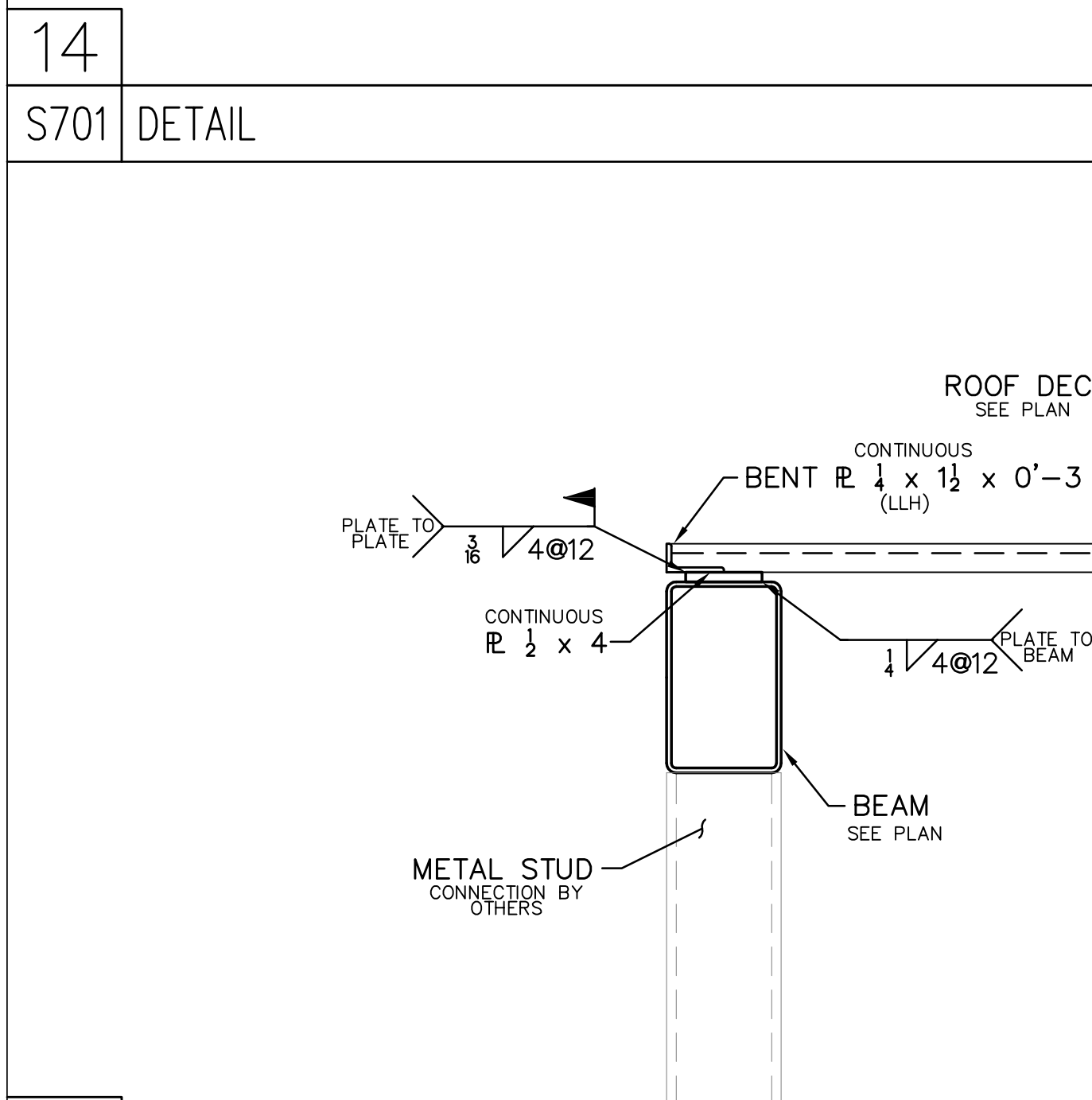
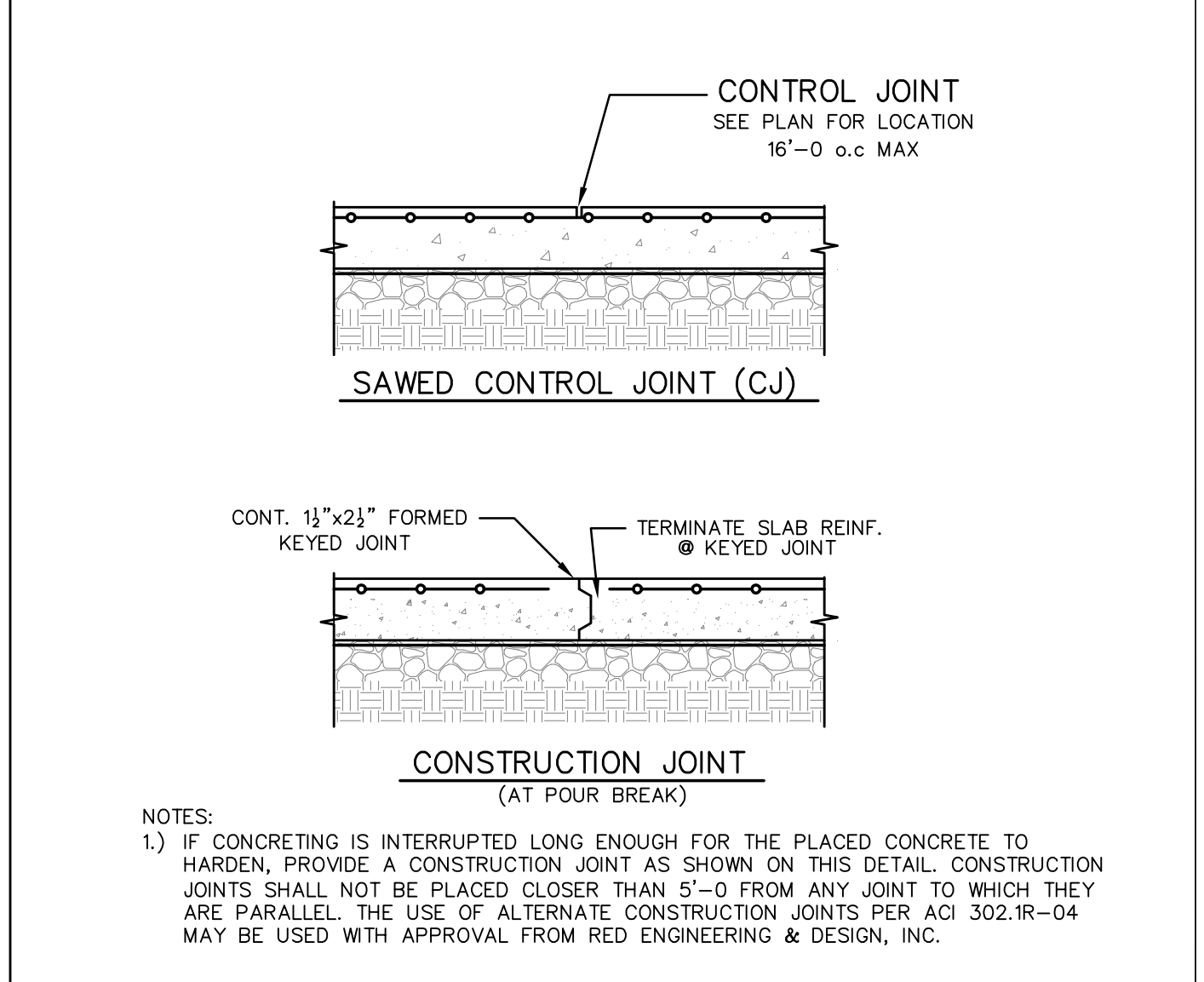
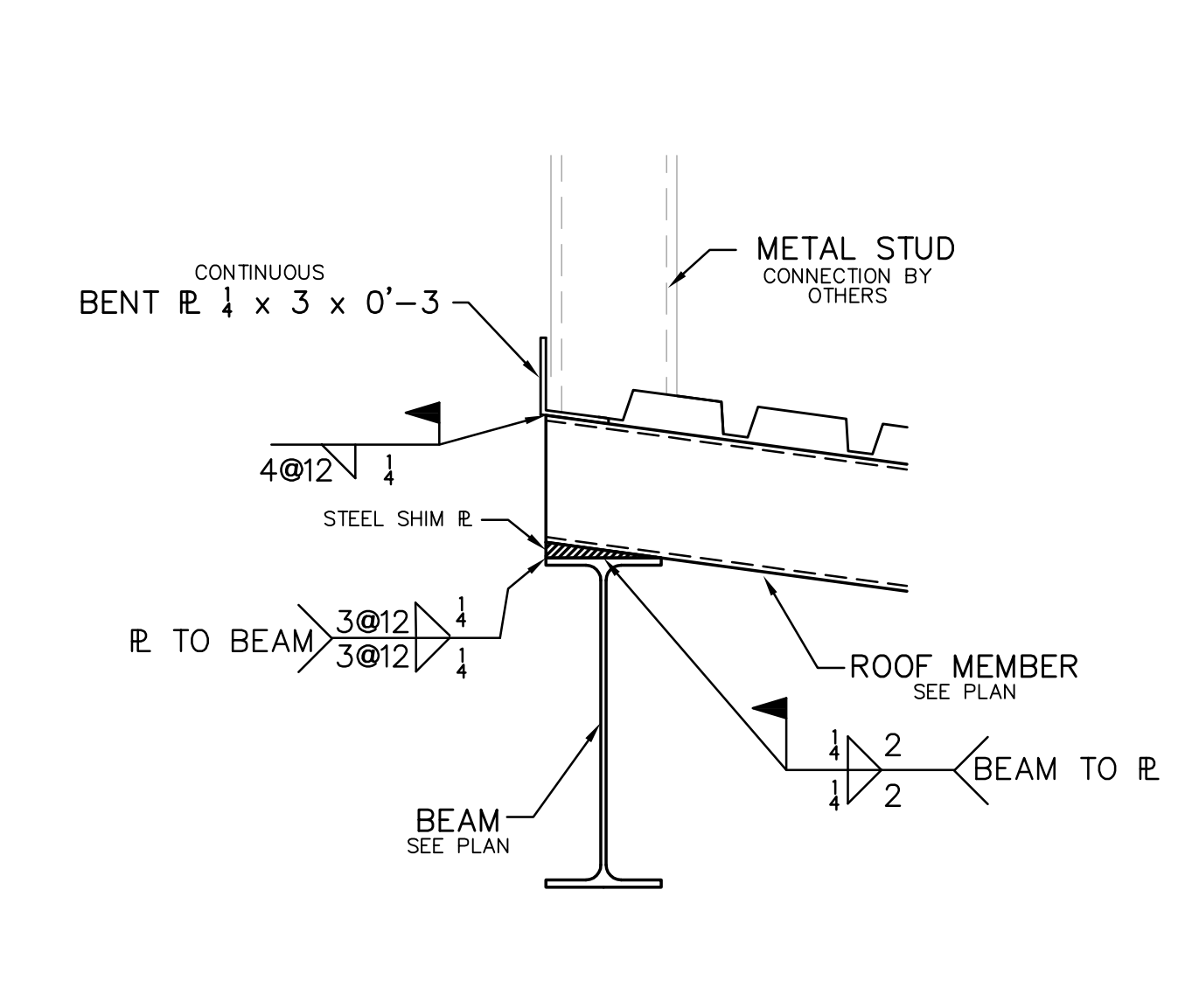
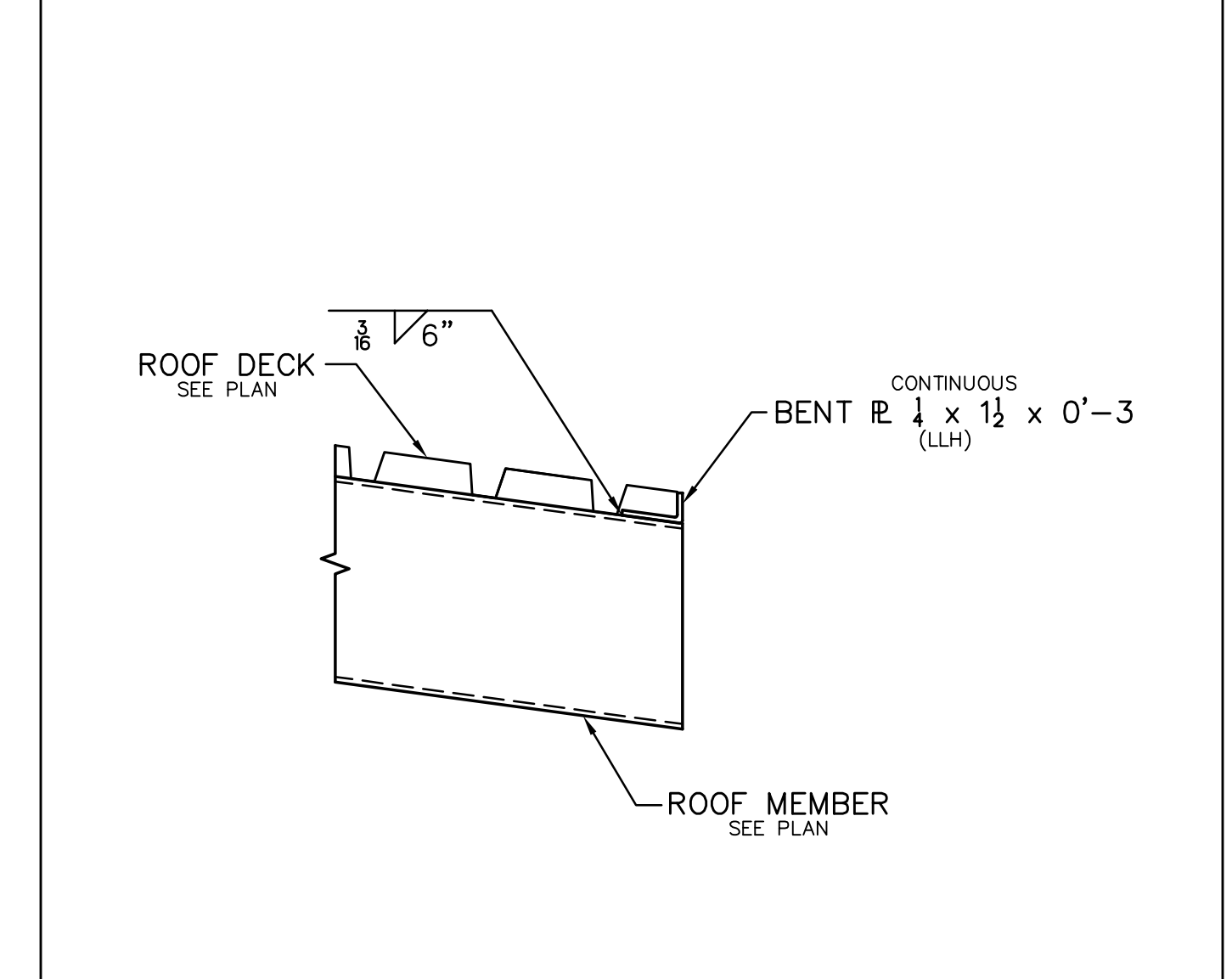
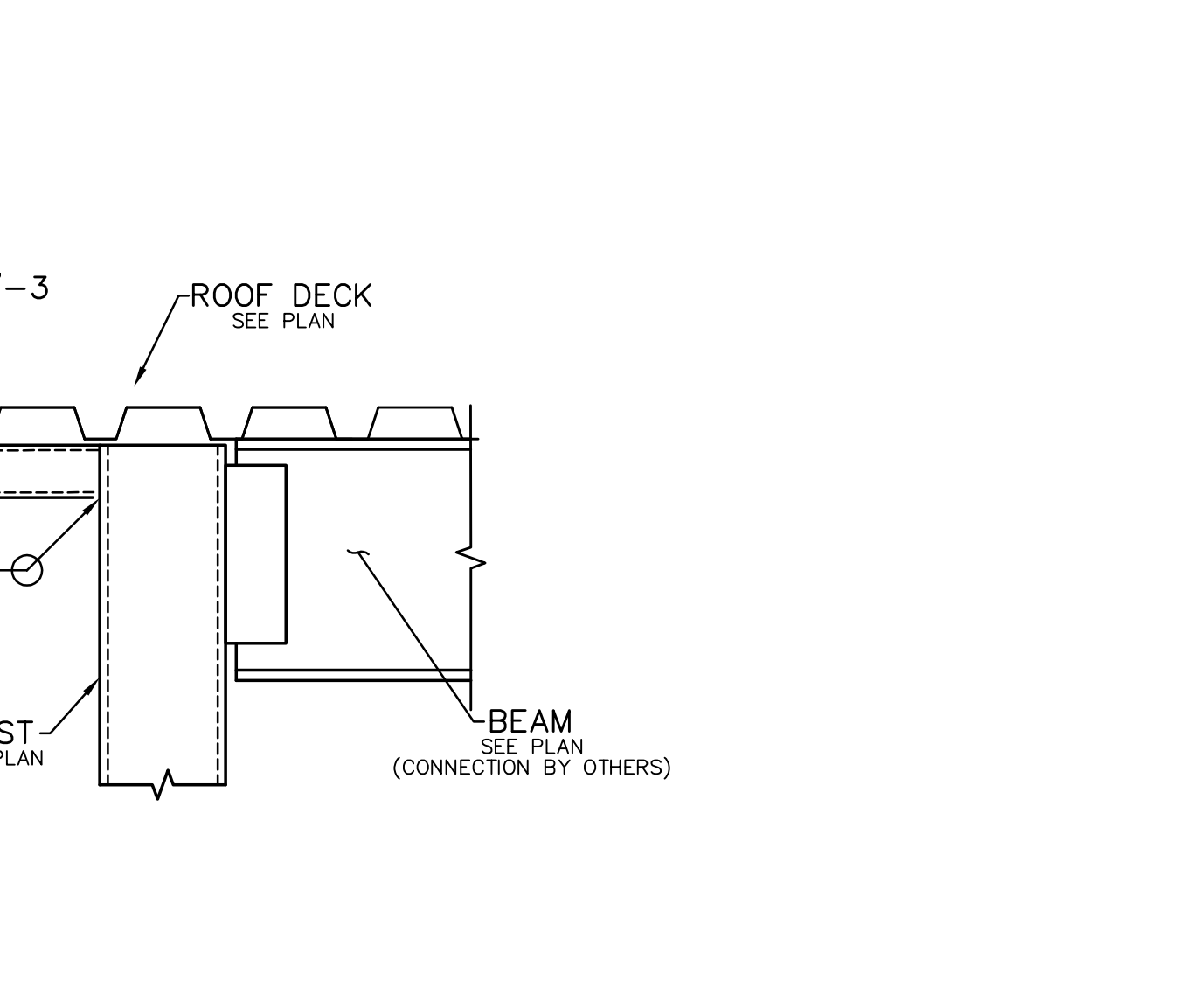
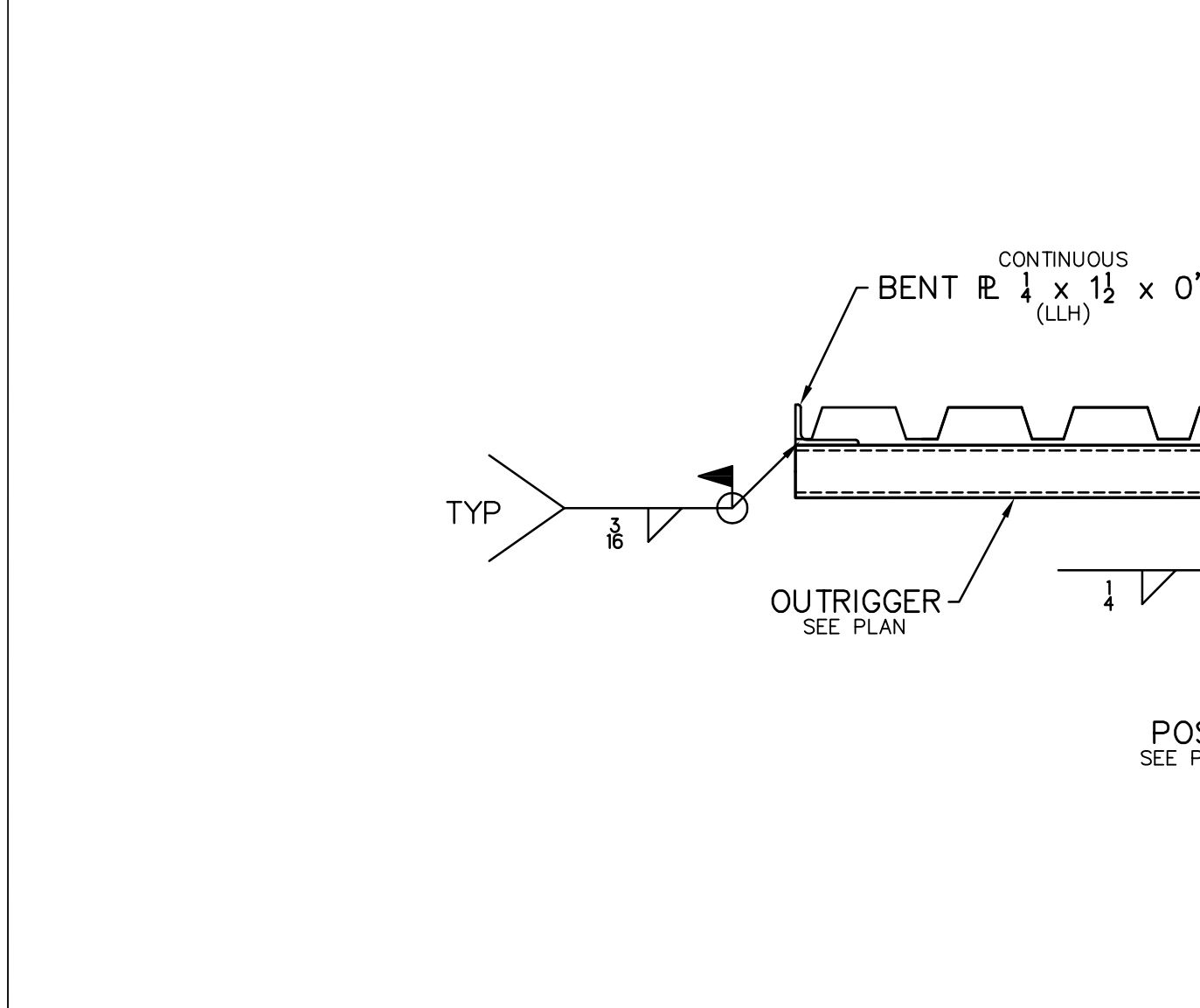
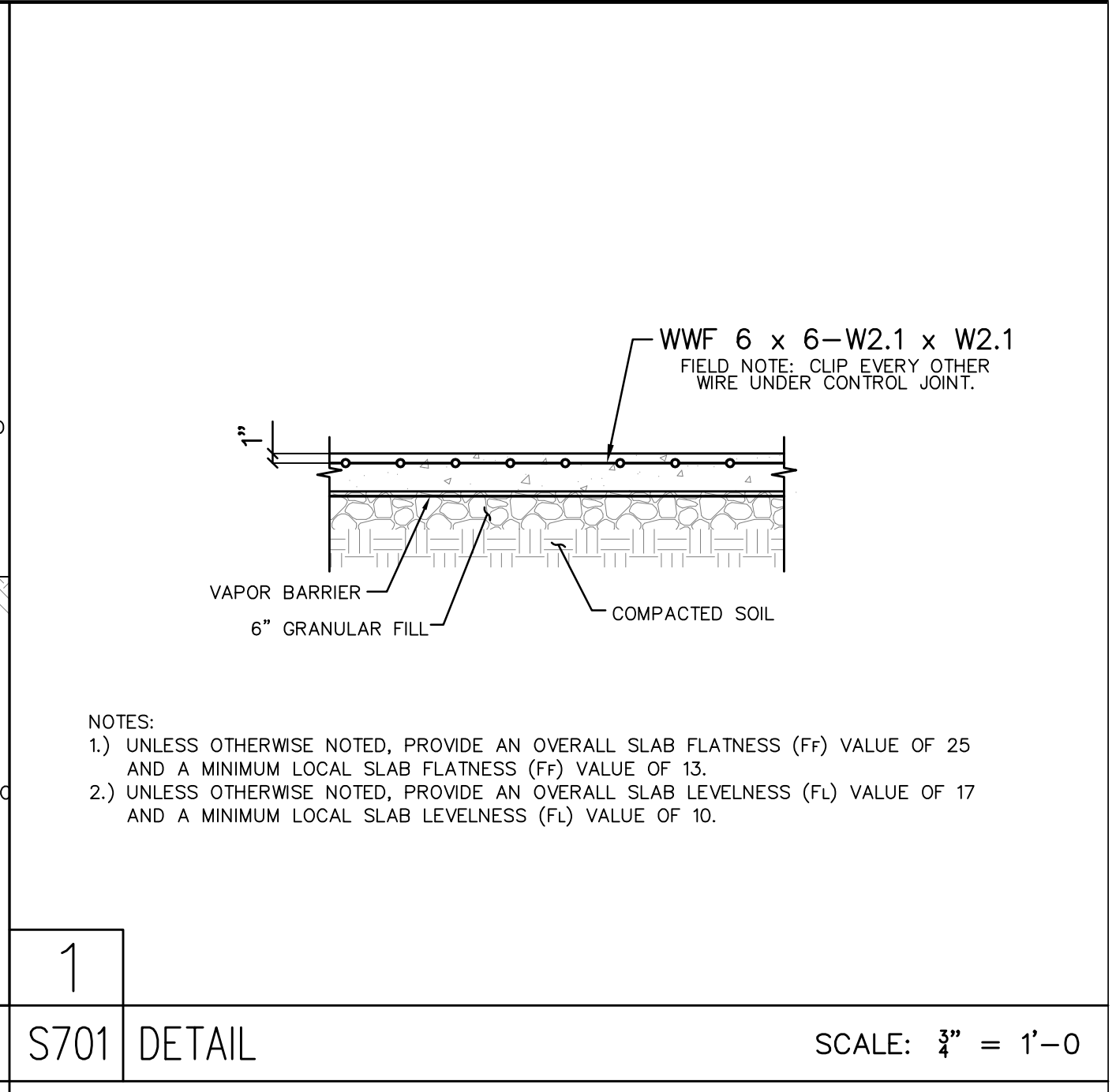
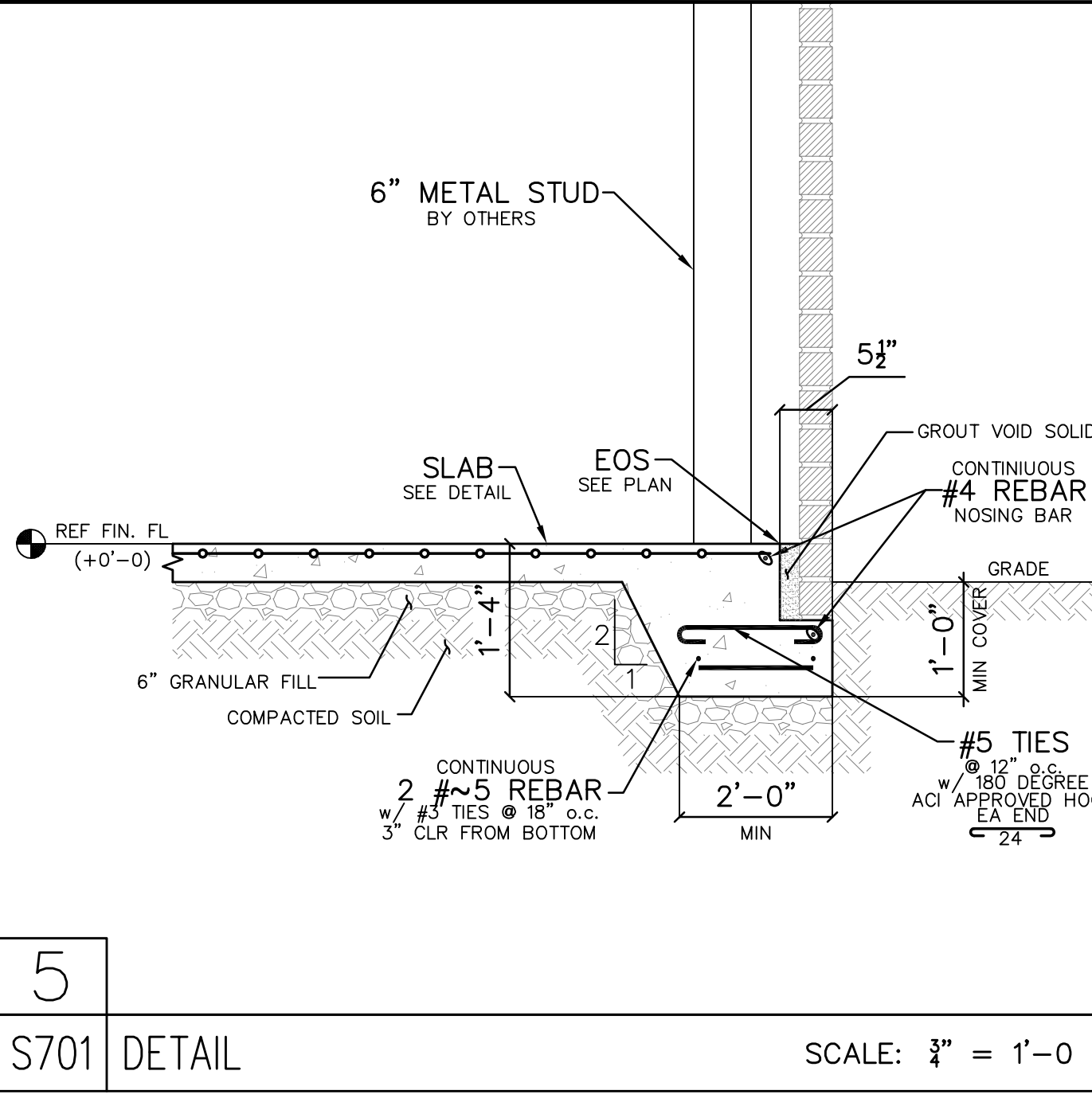
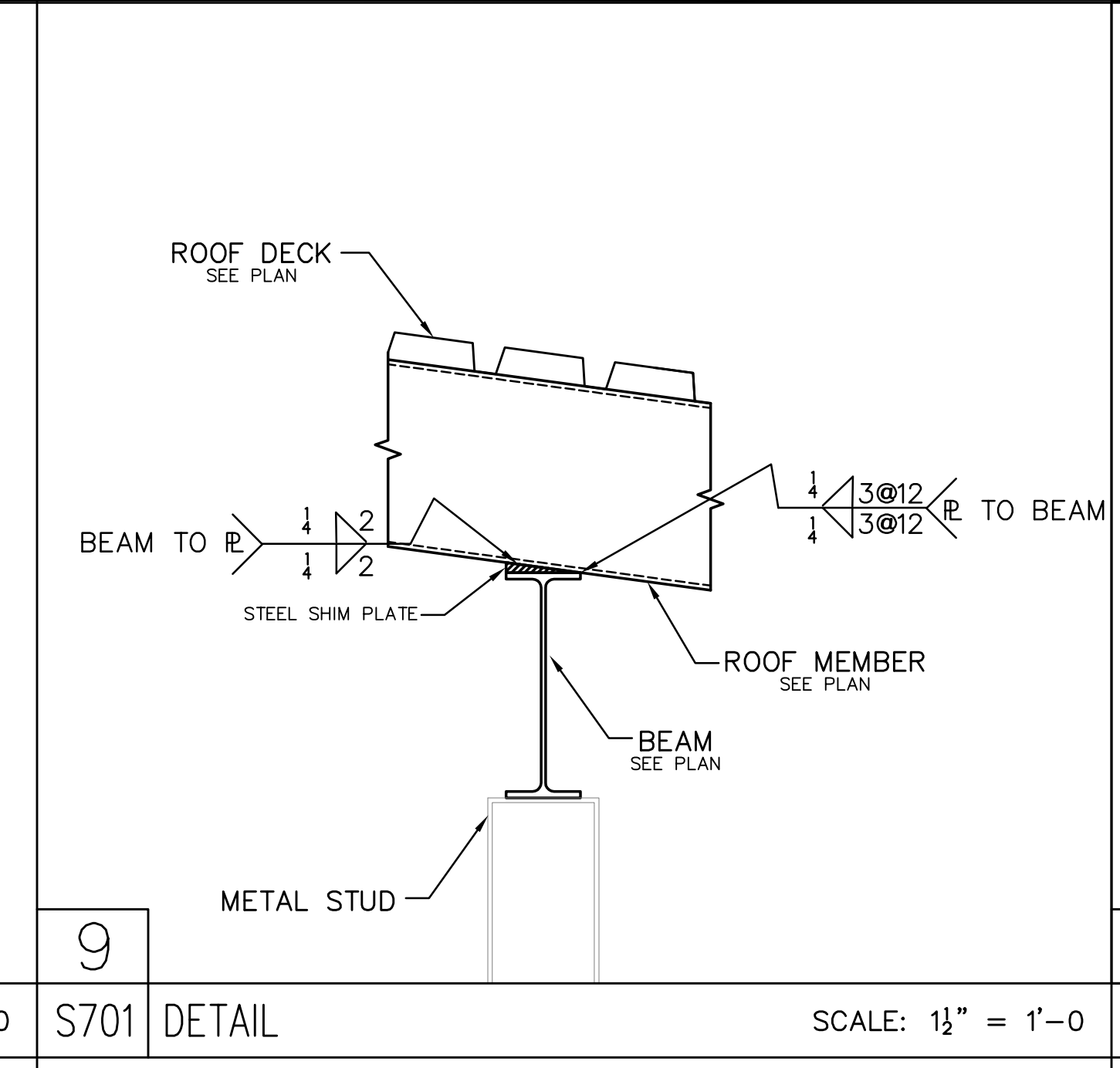
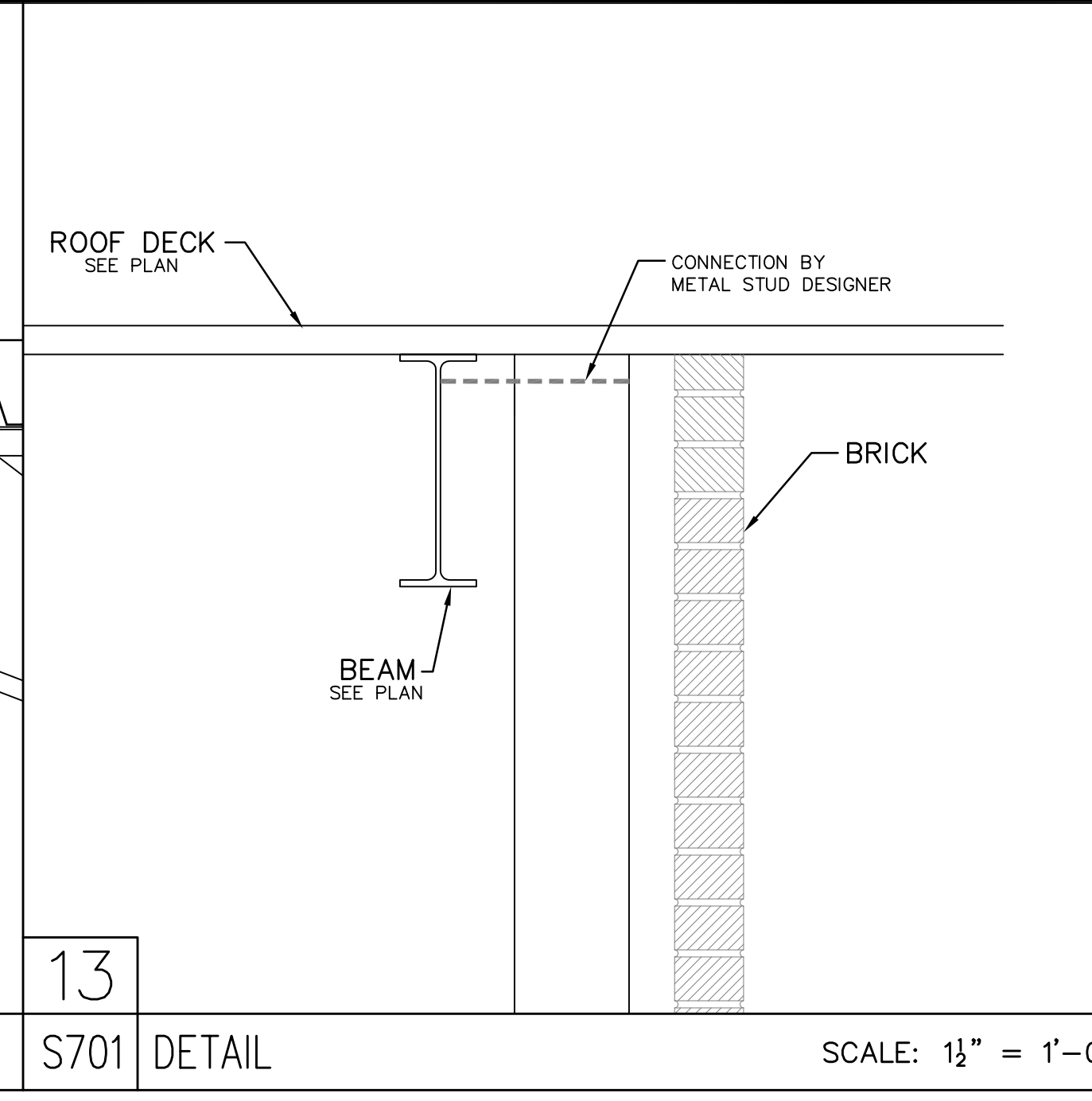
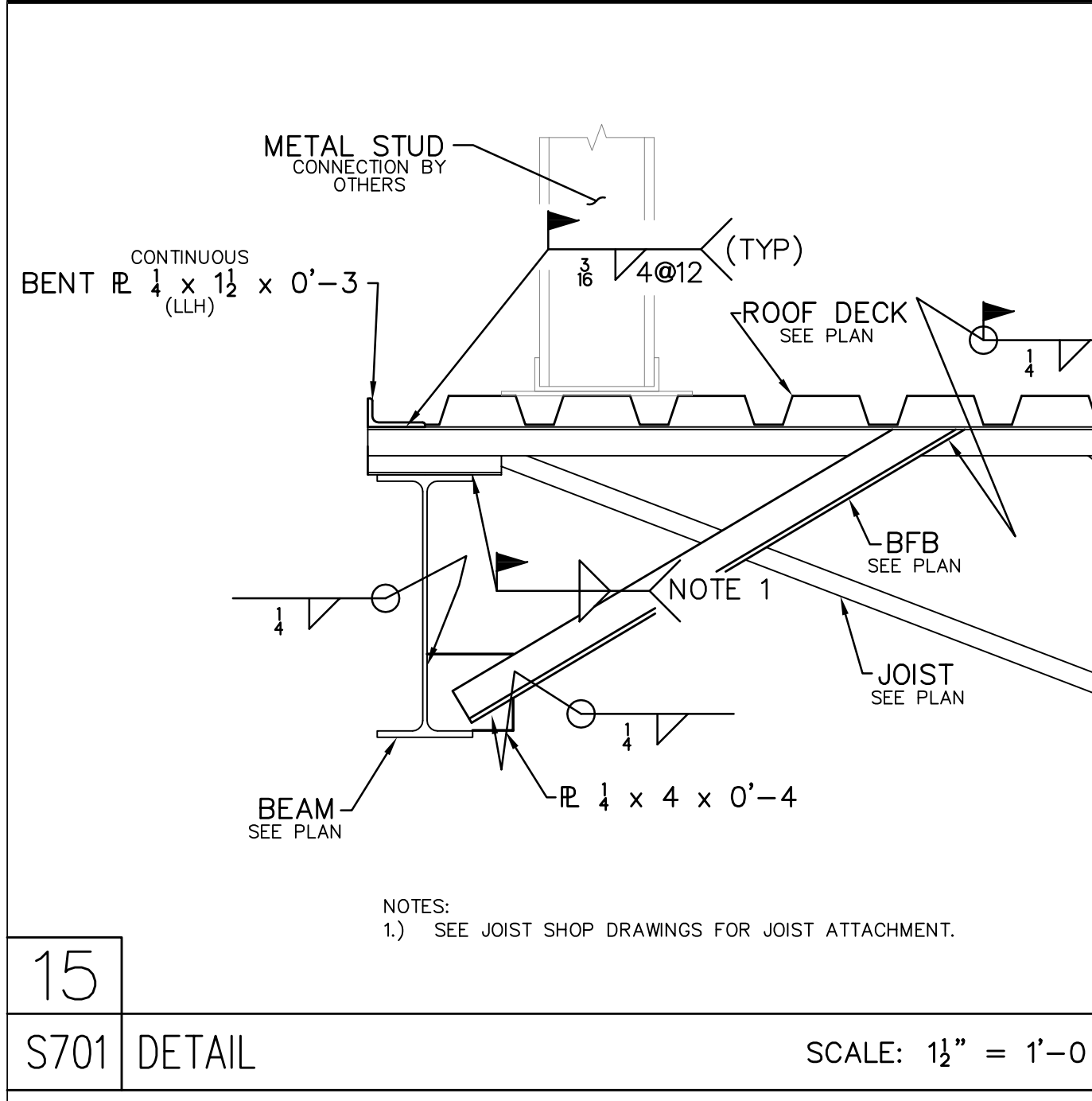


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D	FOR CONSTRUCTION	08/25/20

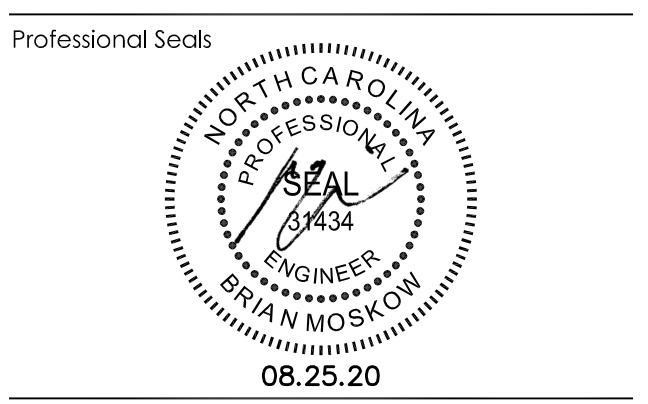
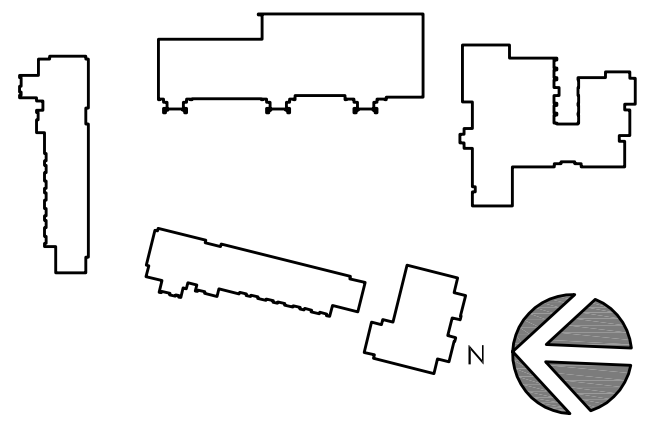
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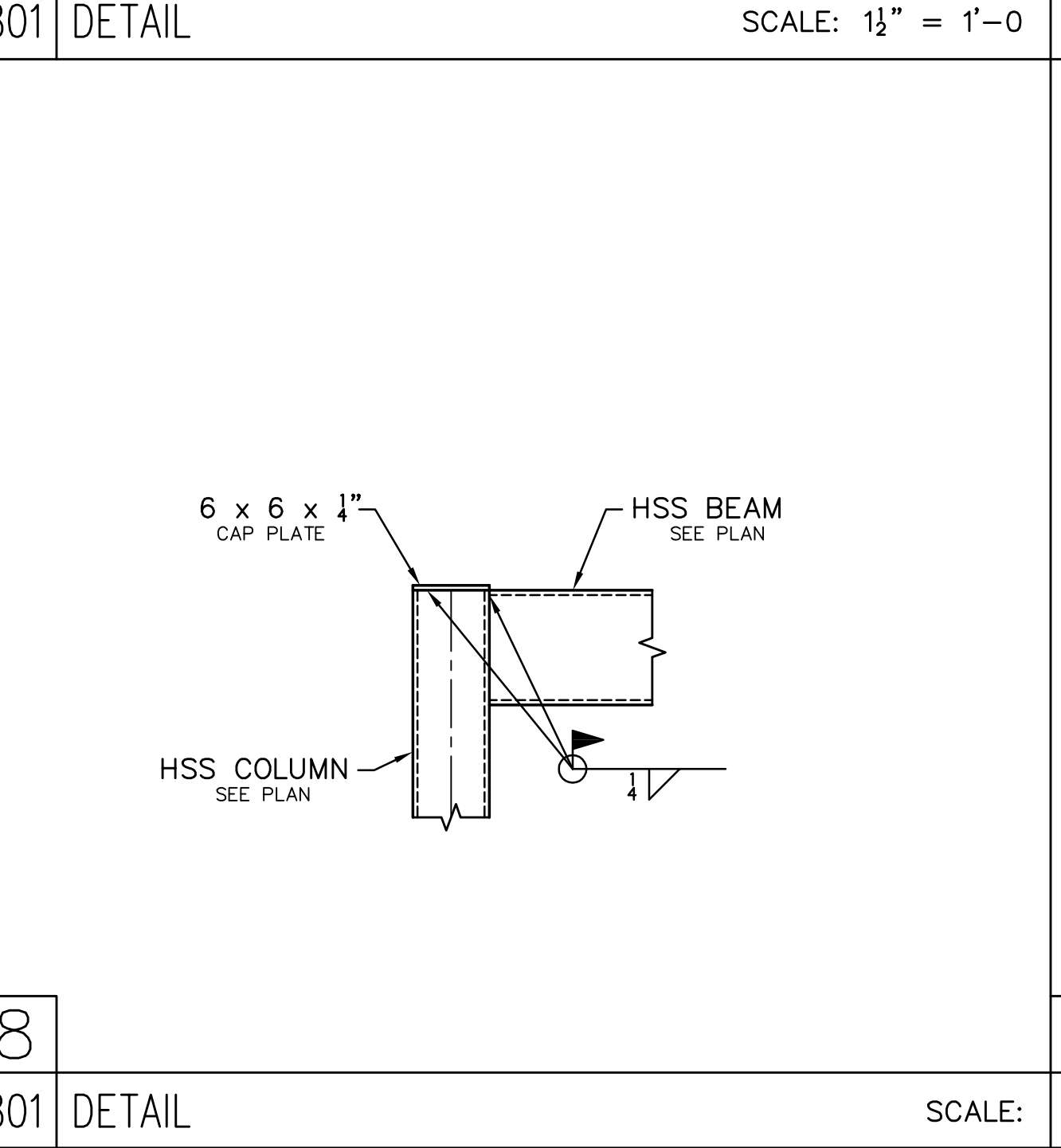
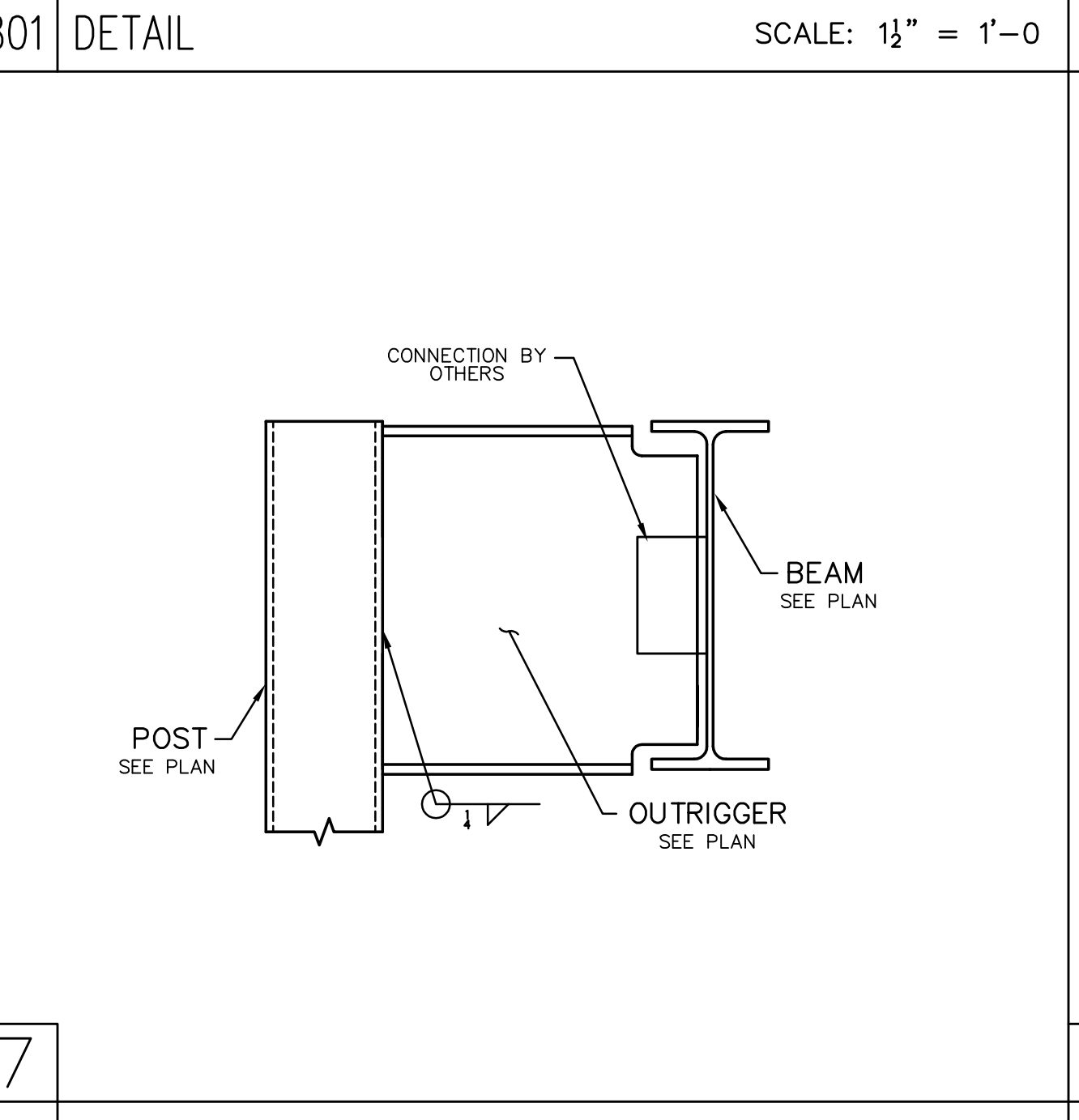
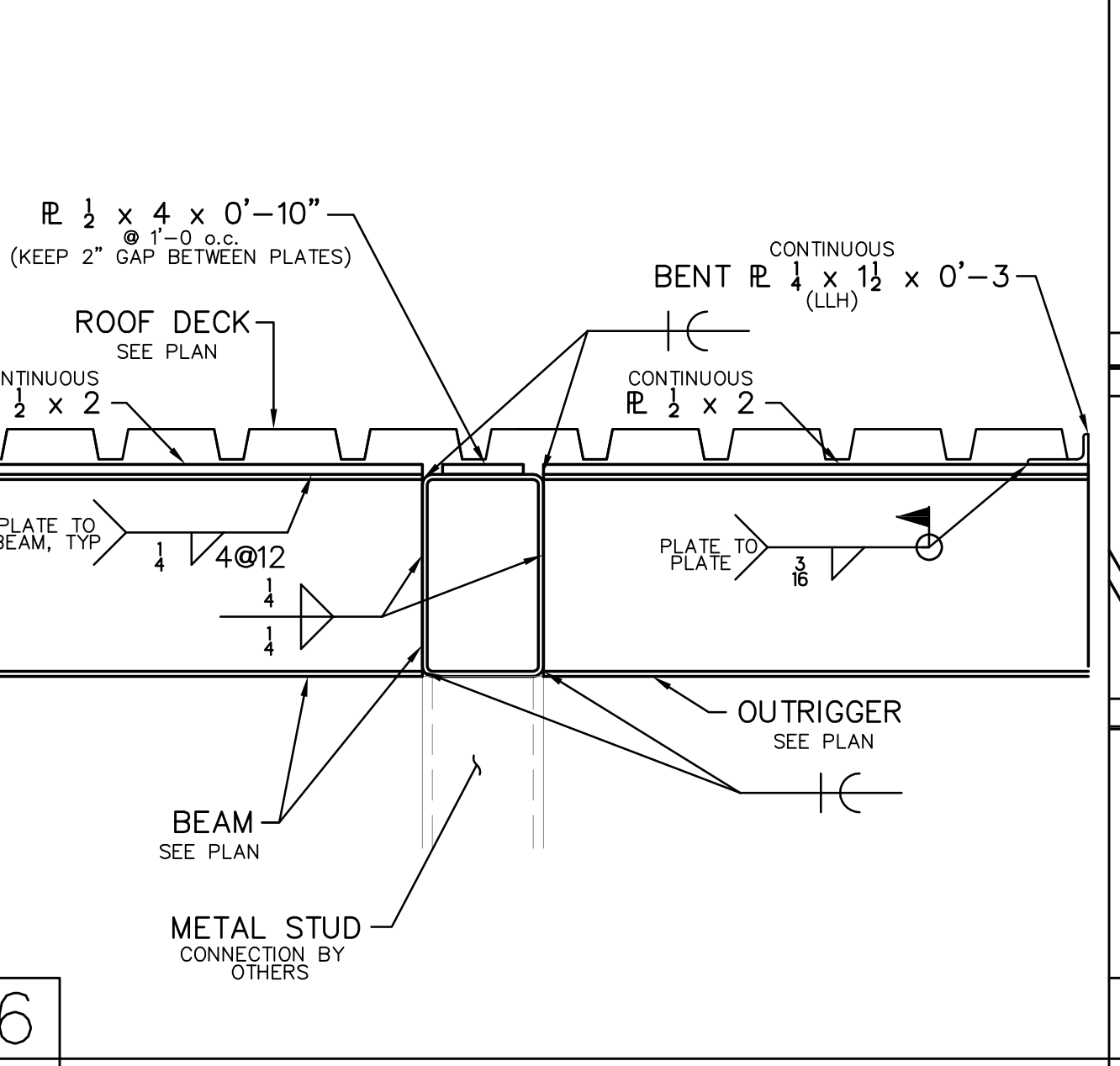
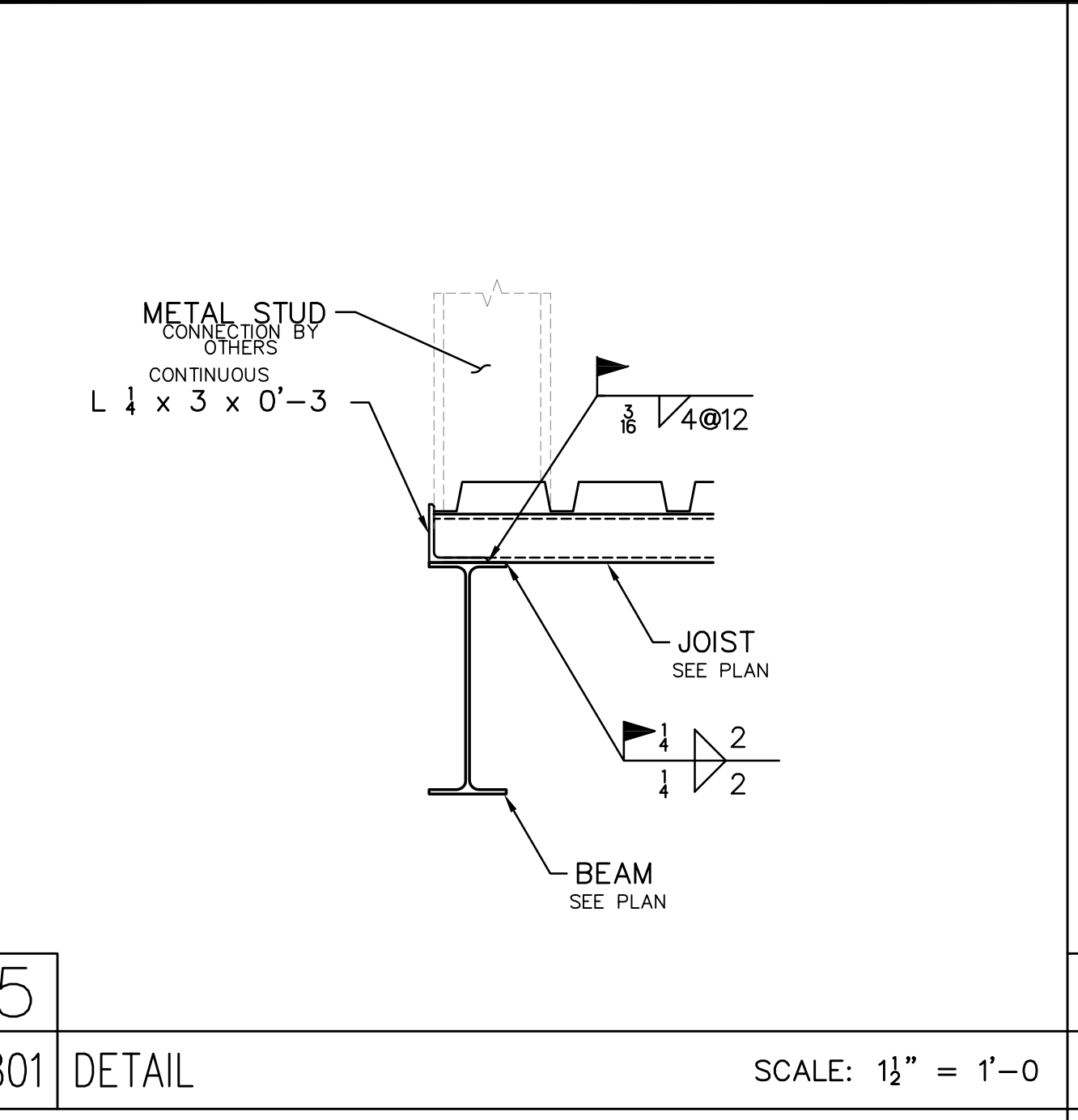
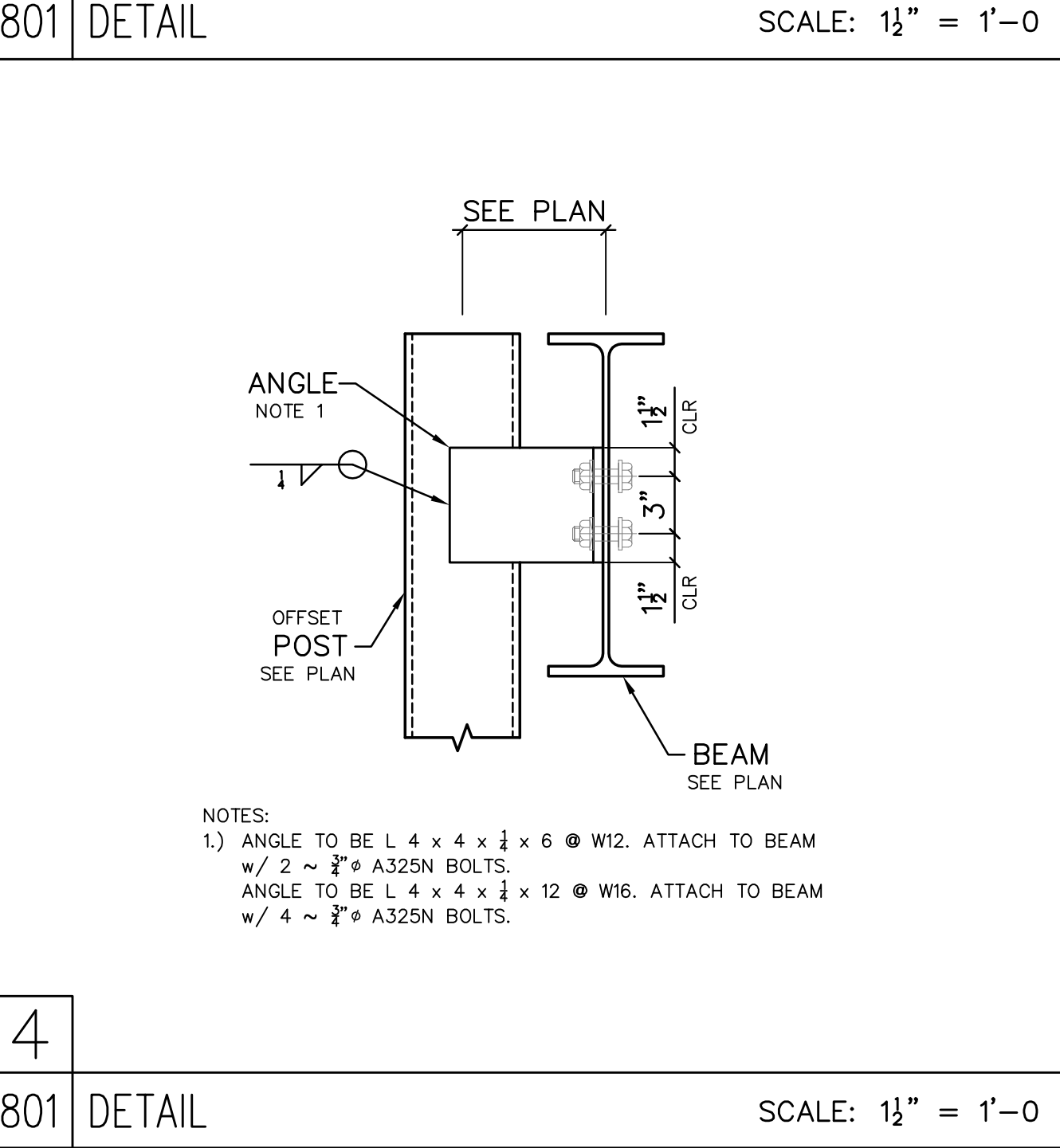
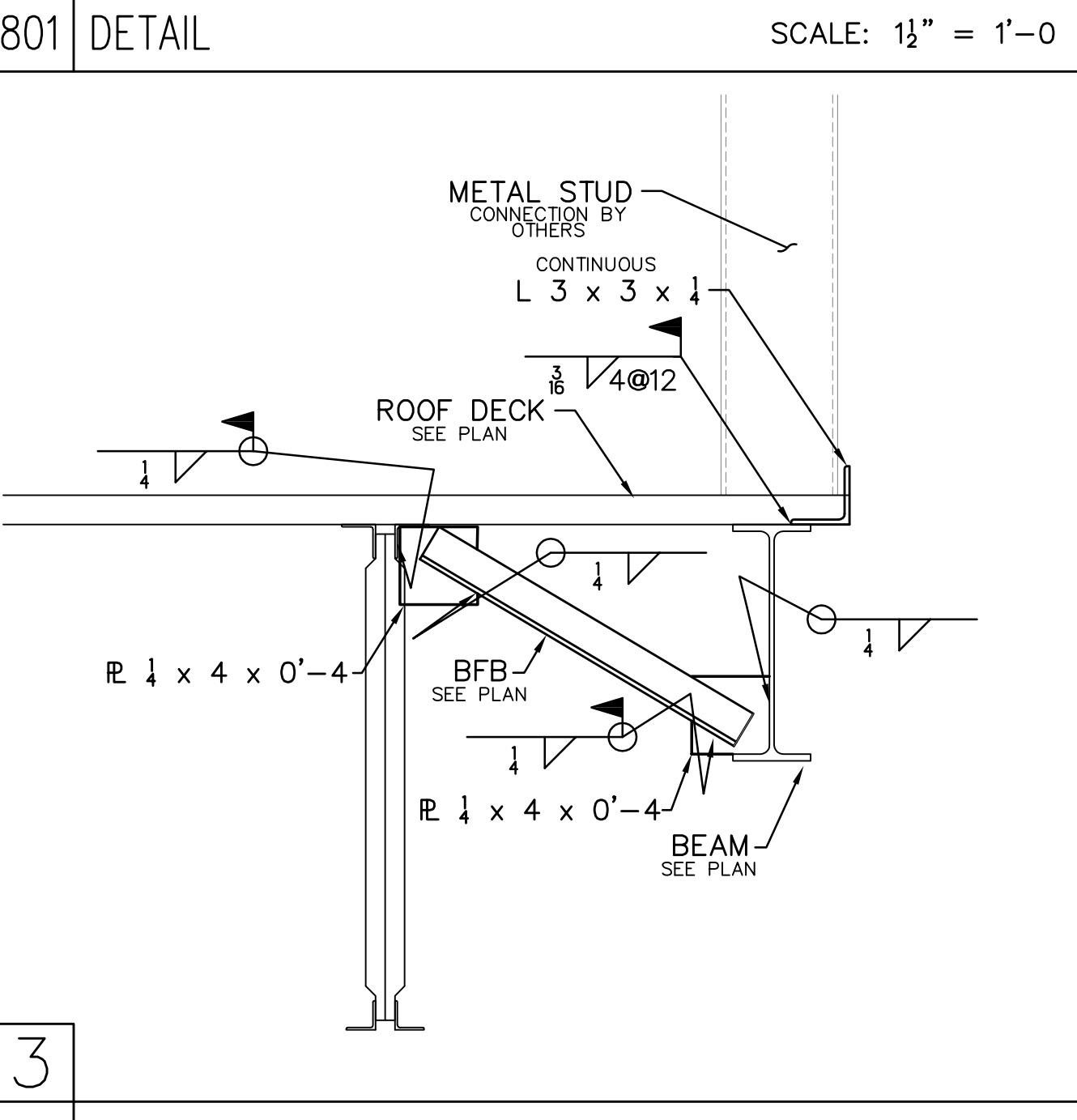
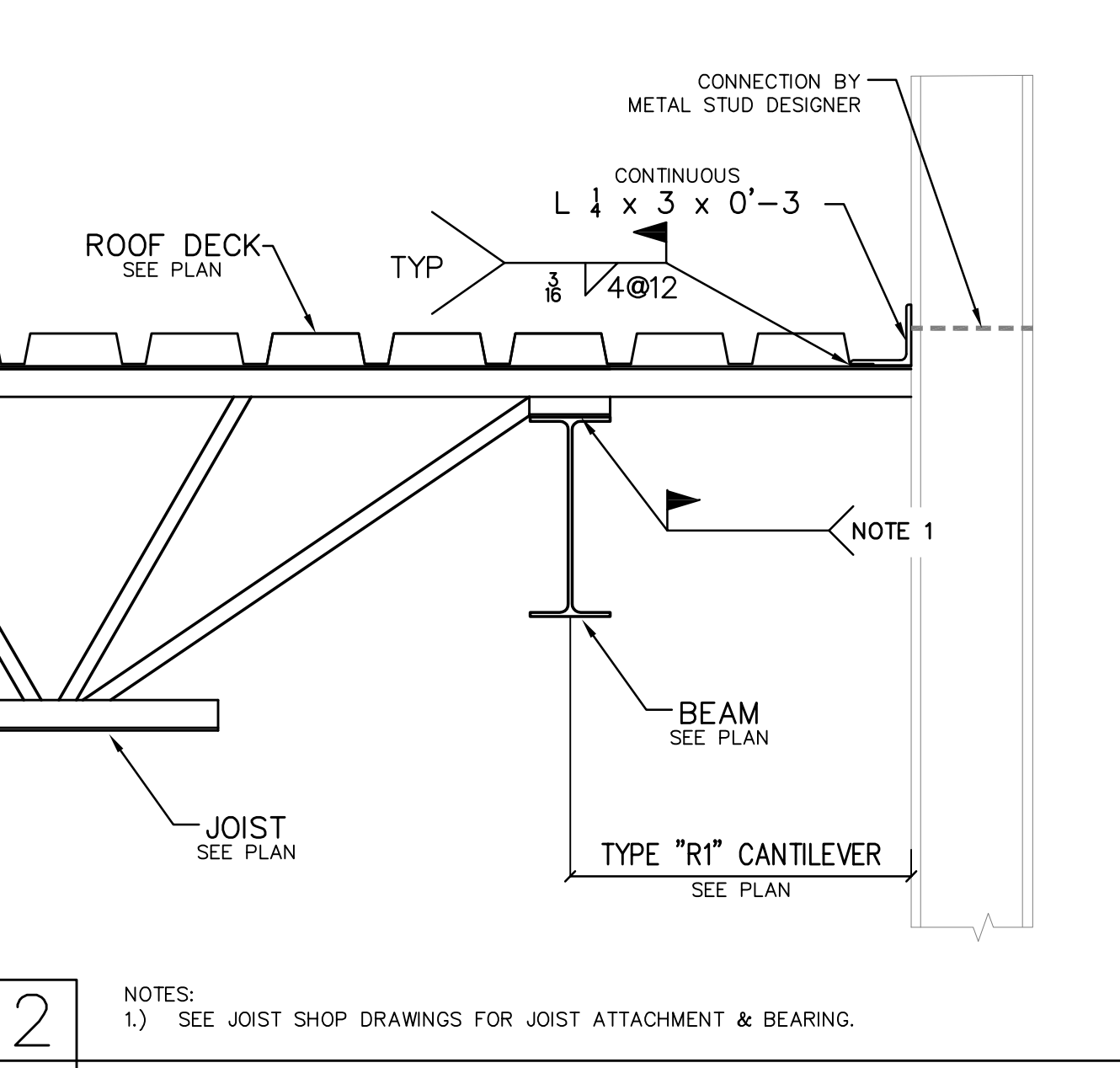
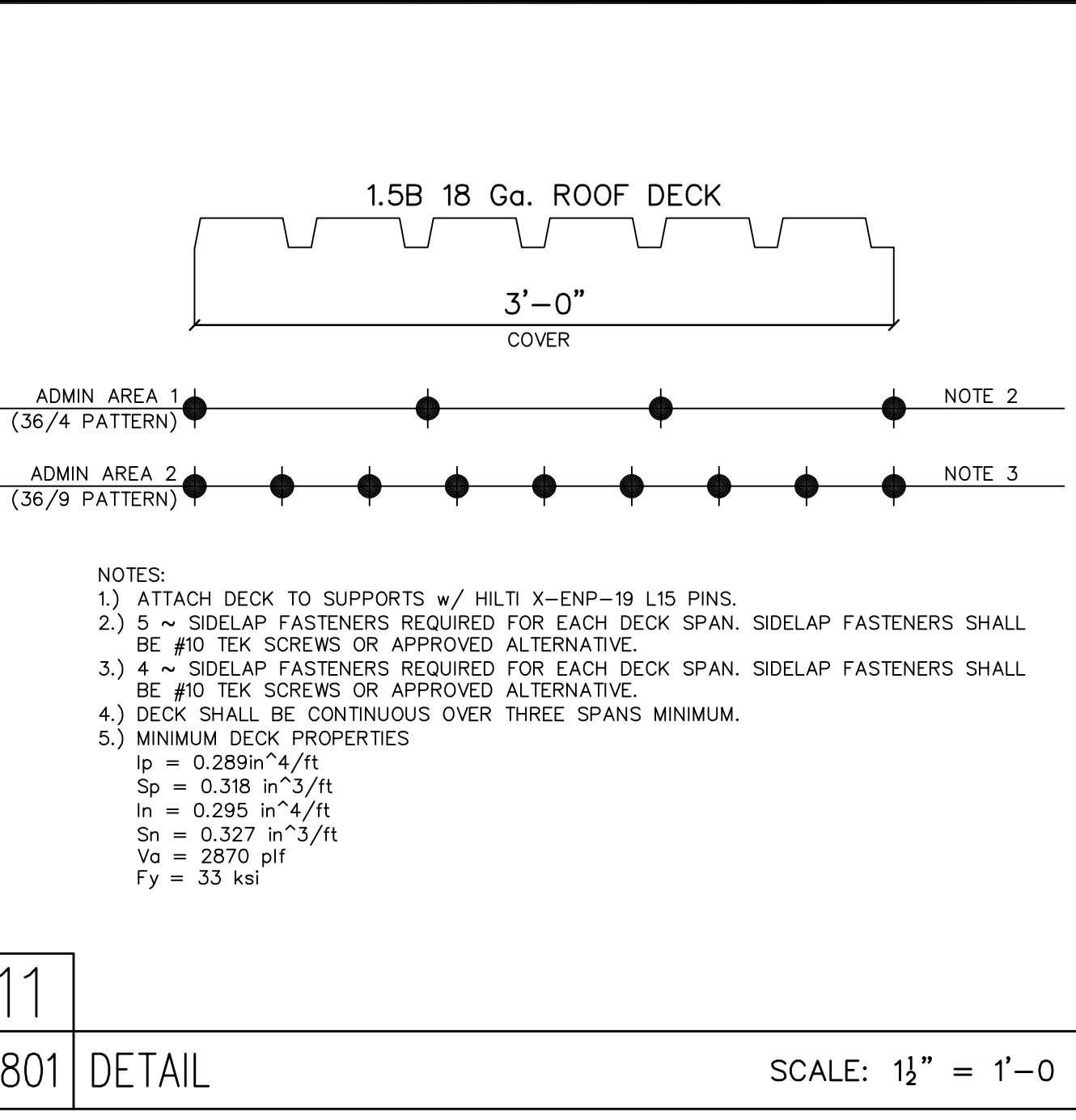
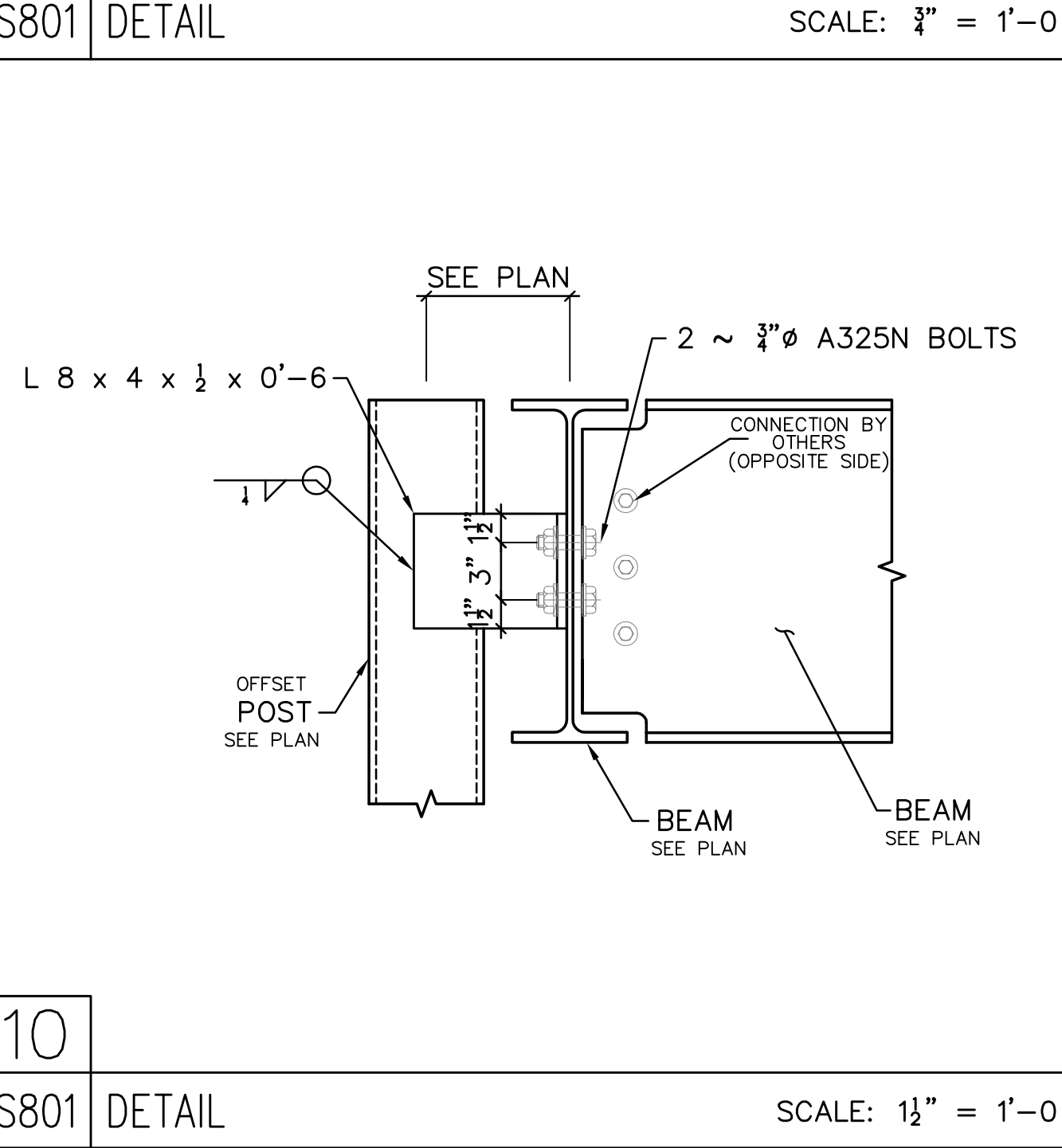
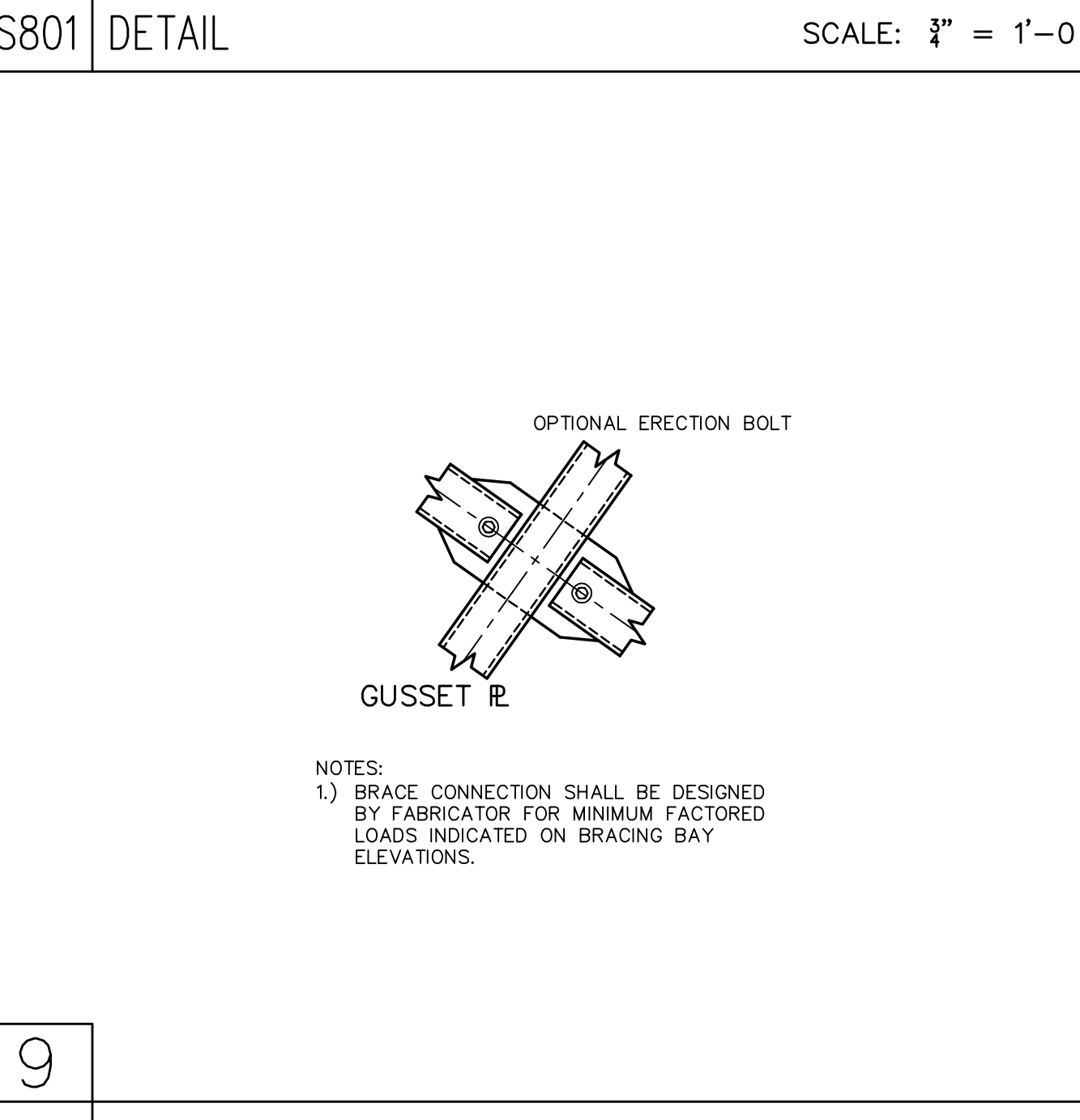
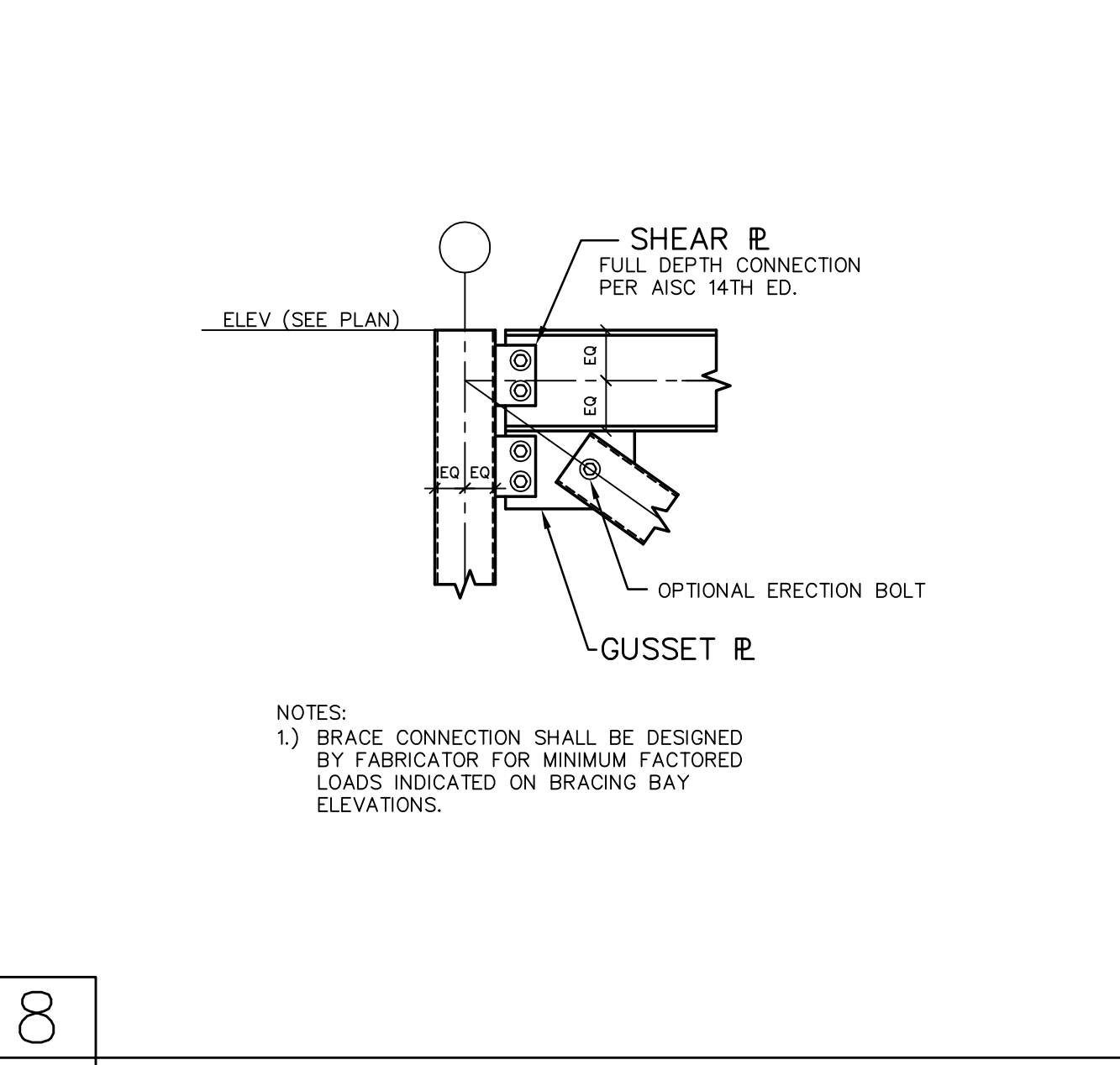
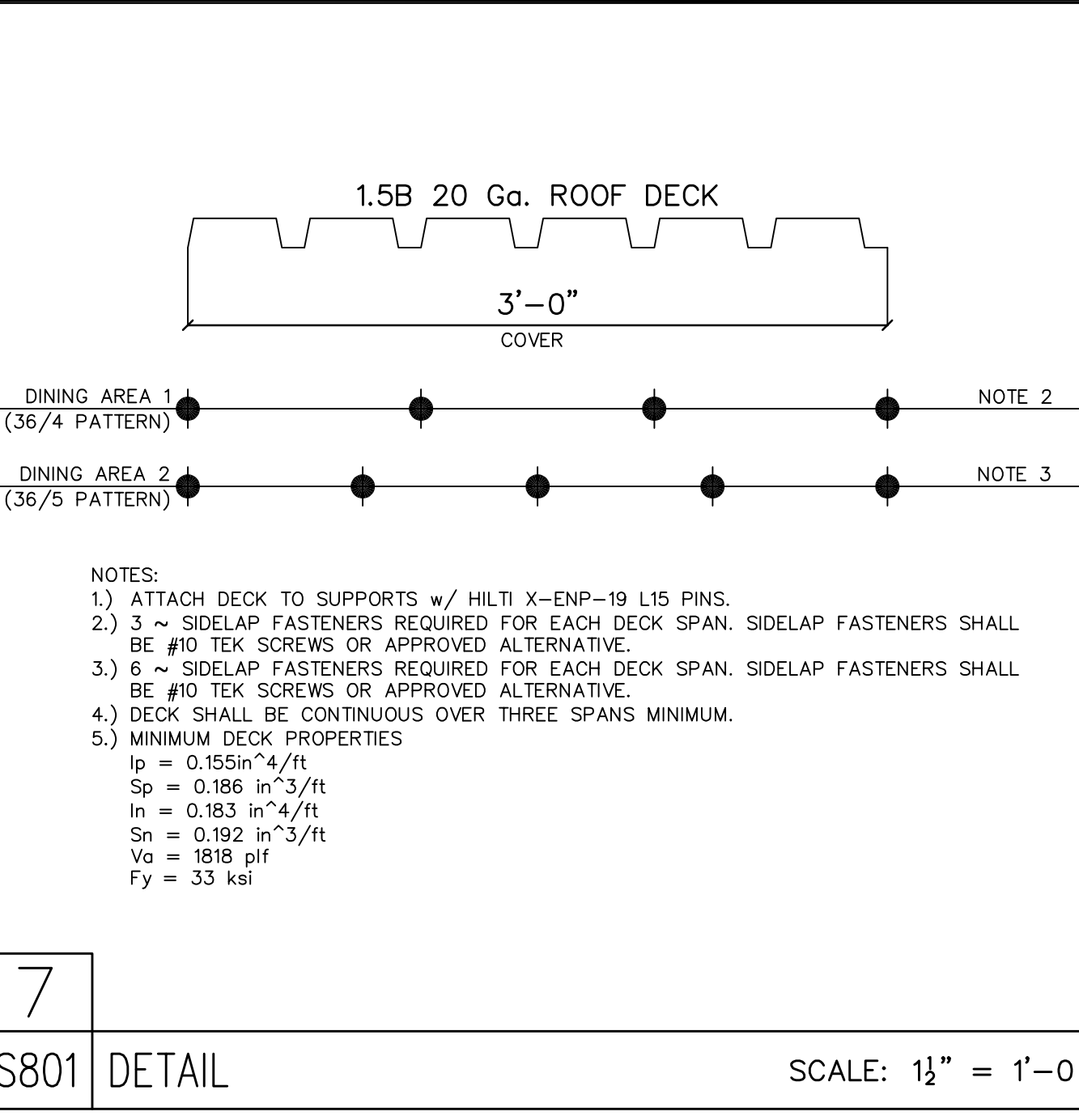
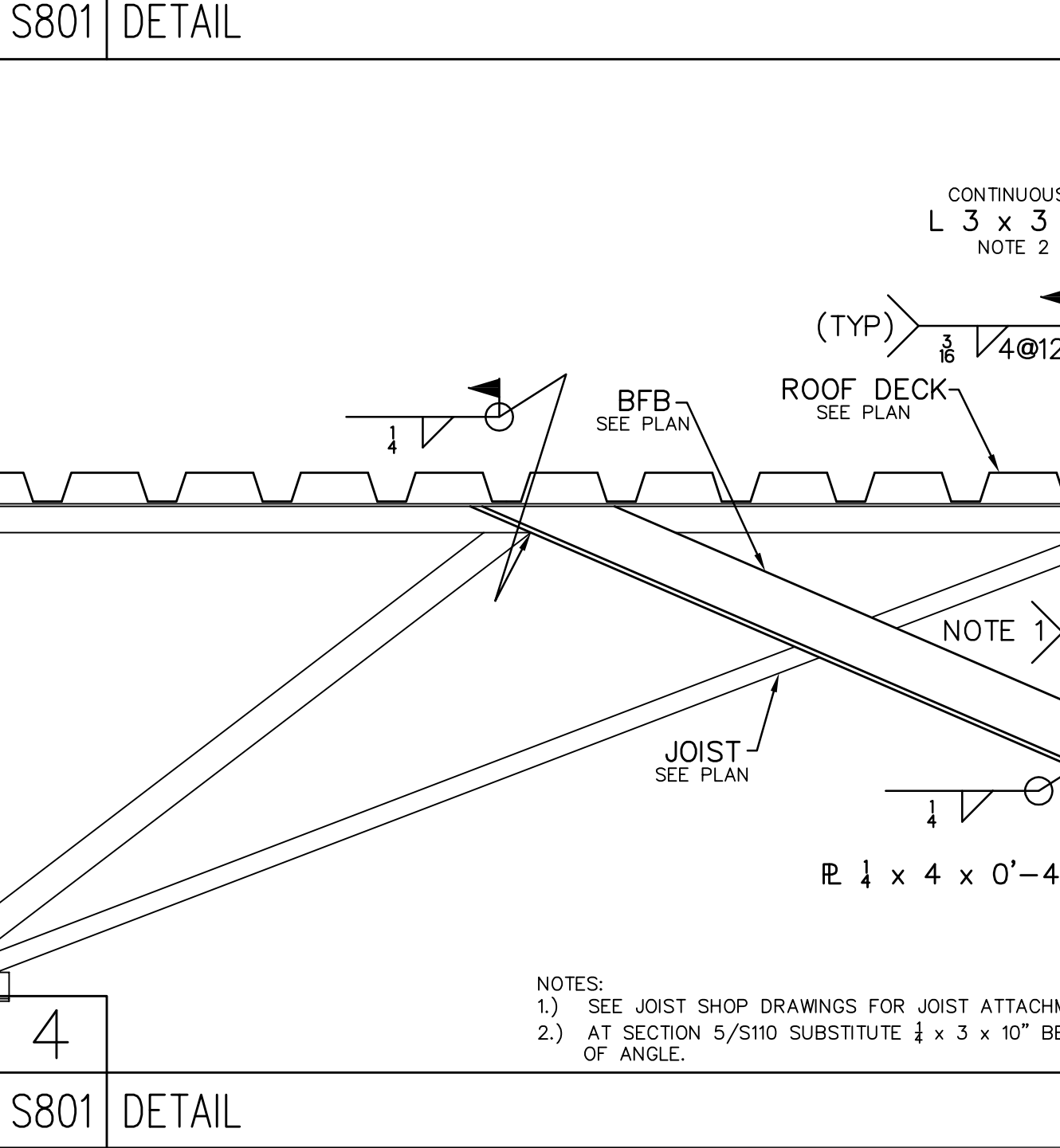
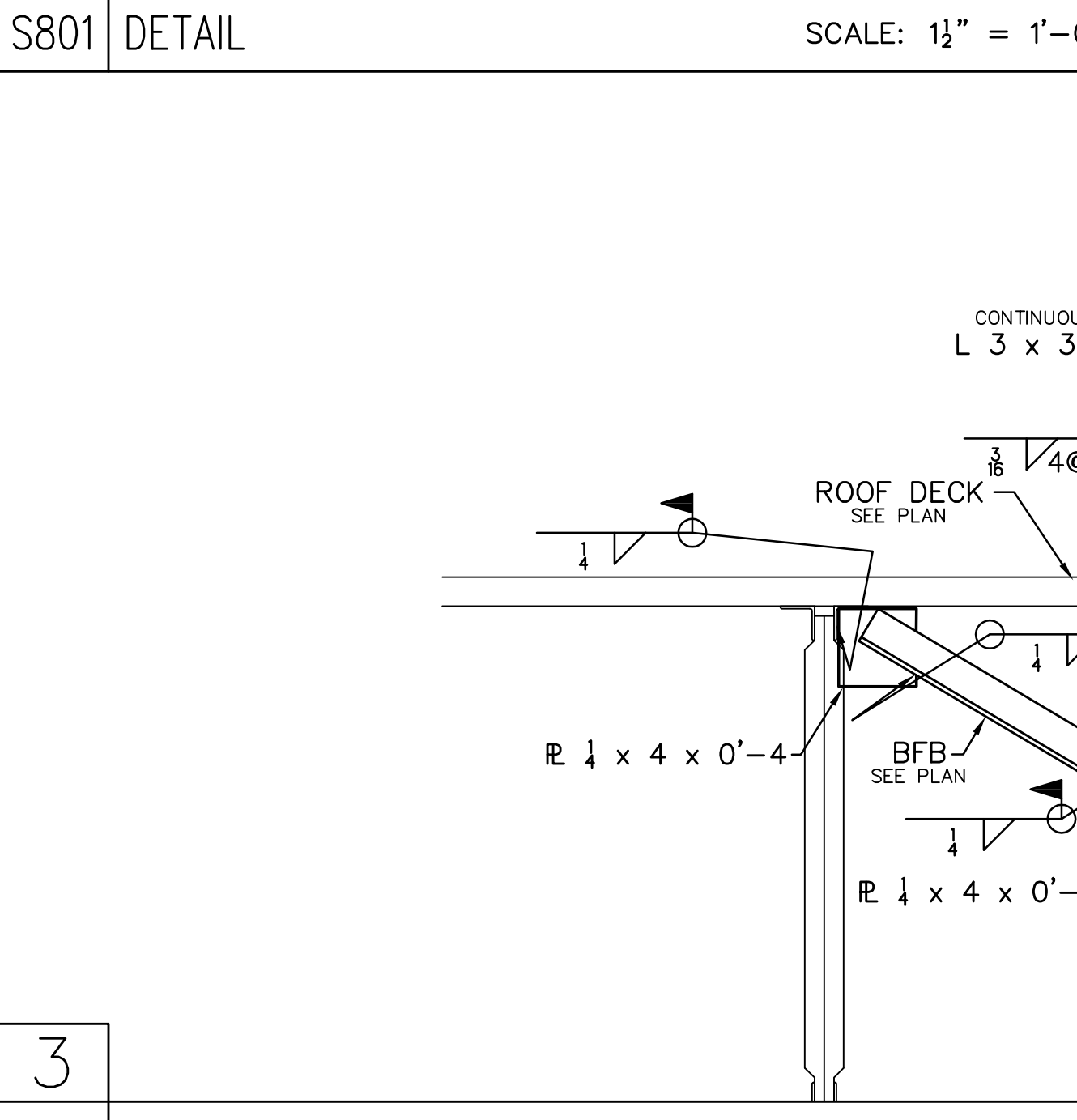
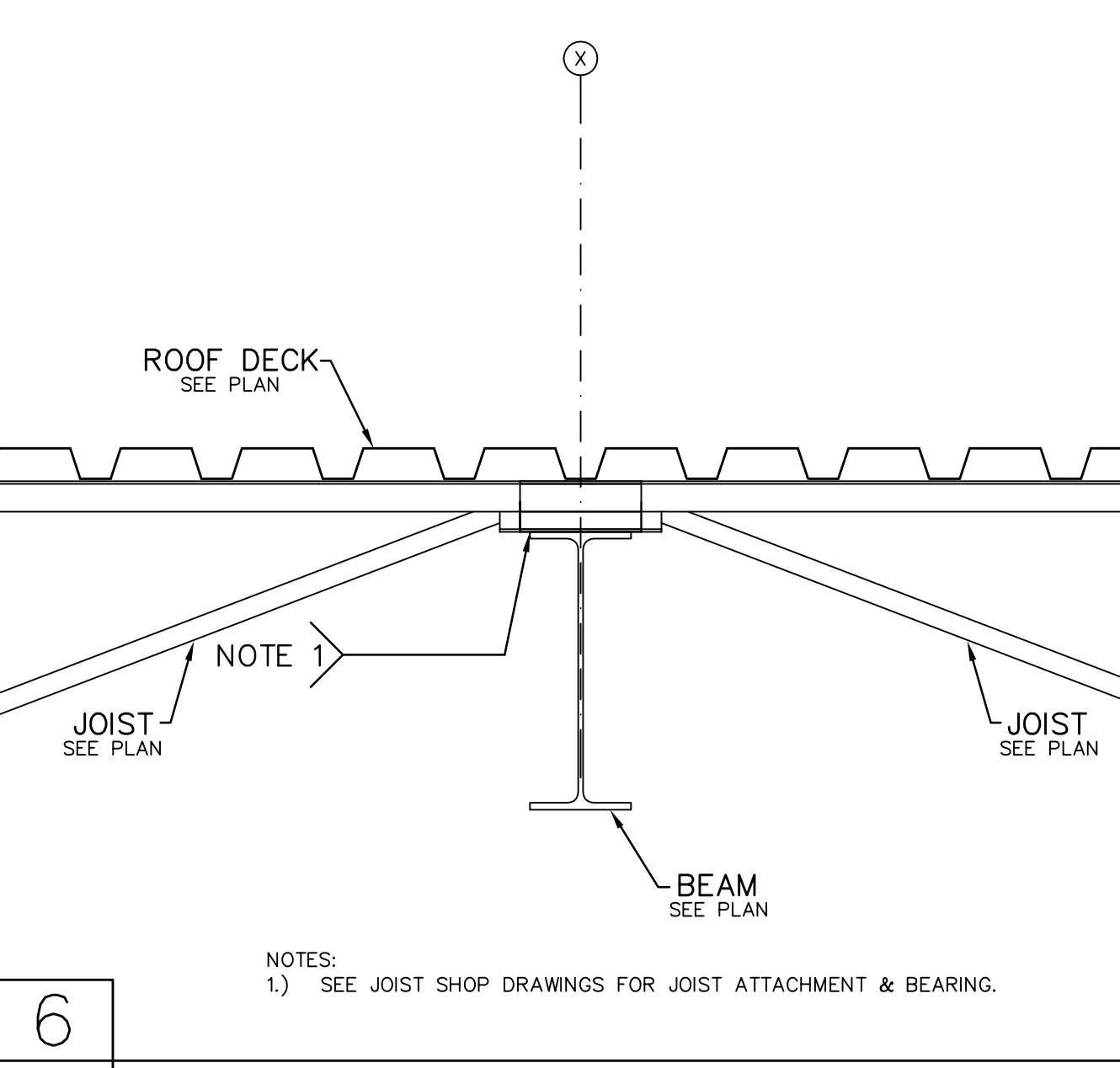
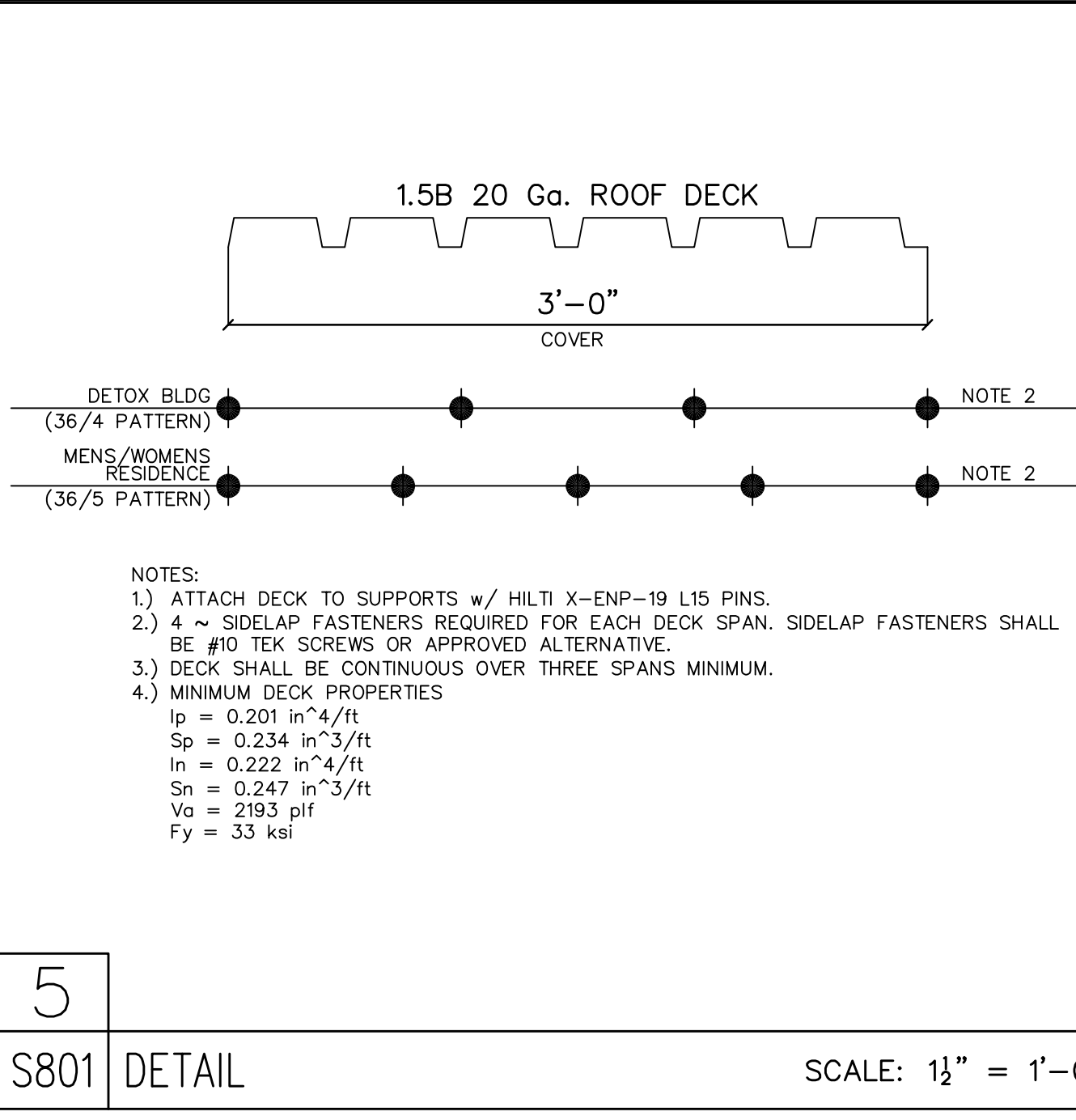
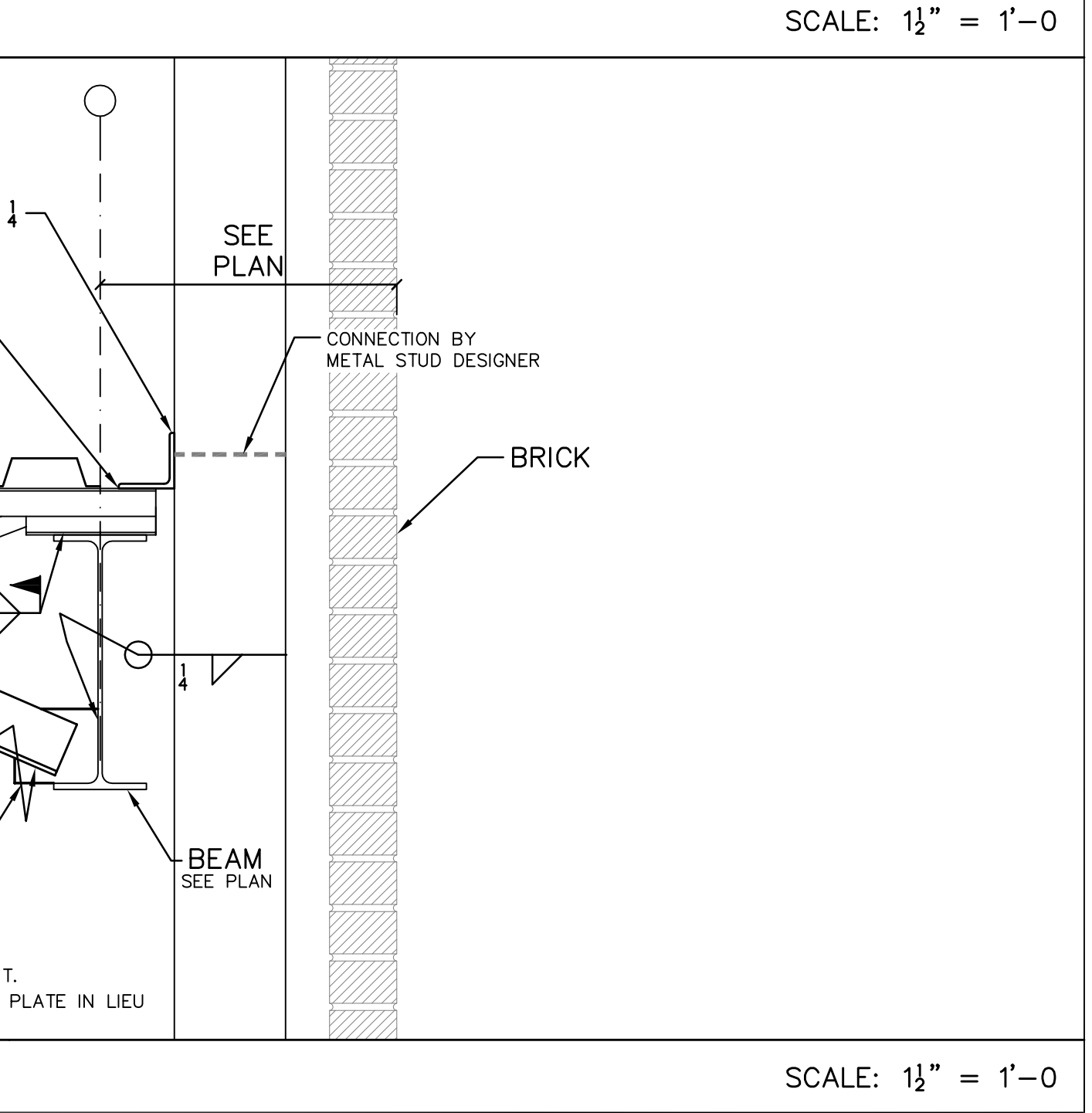
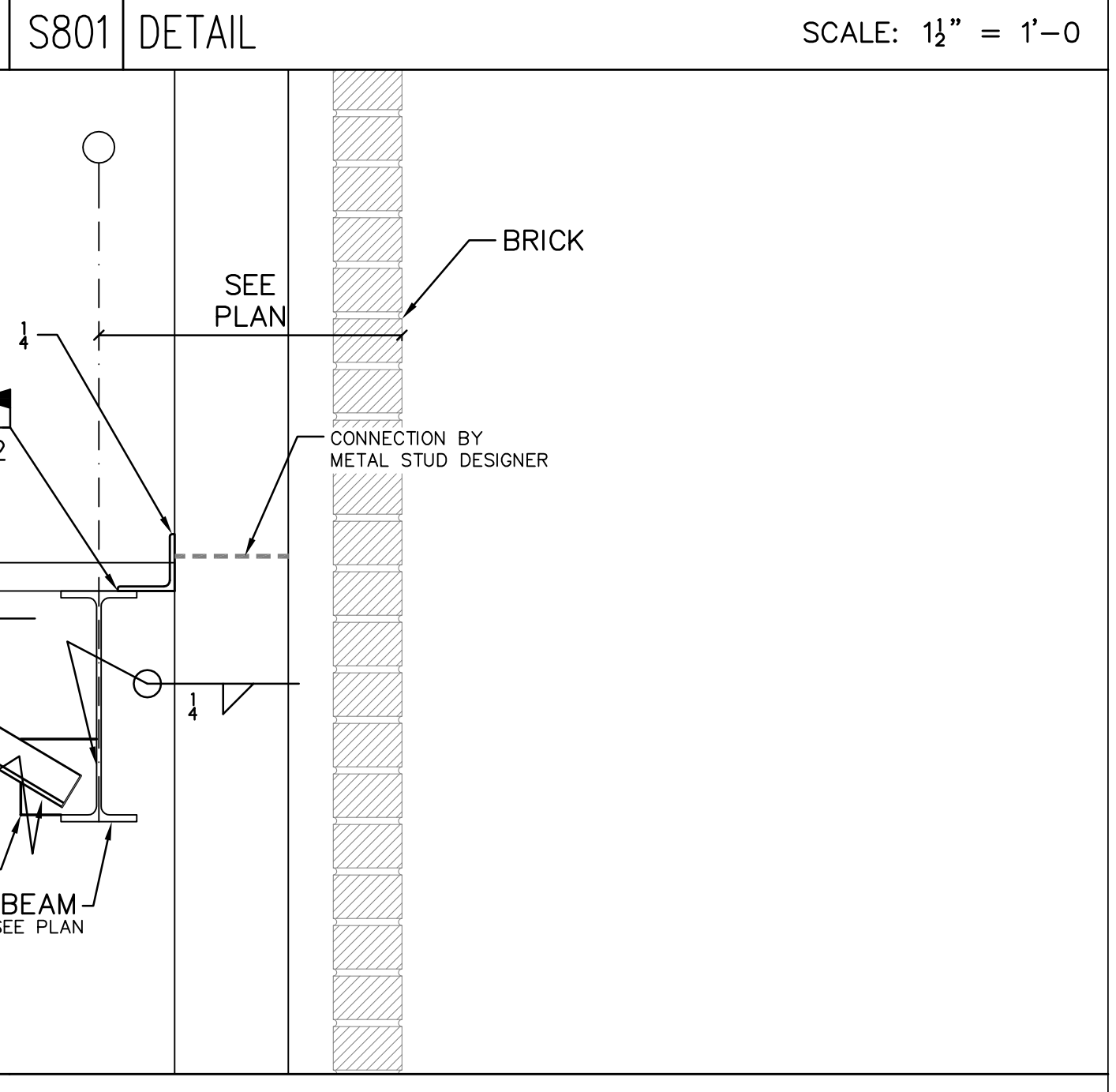
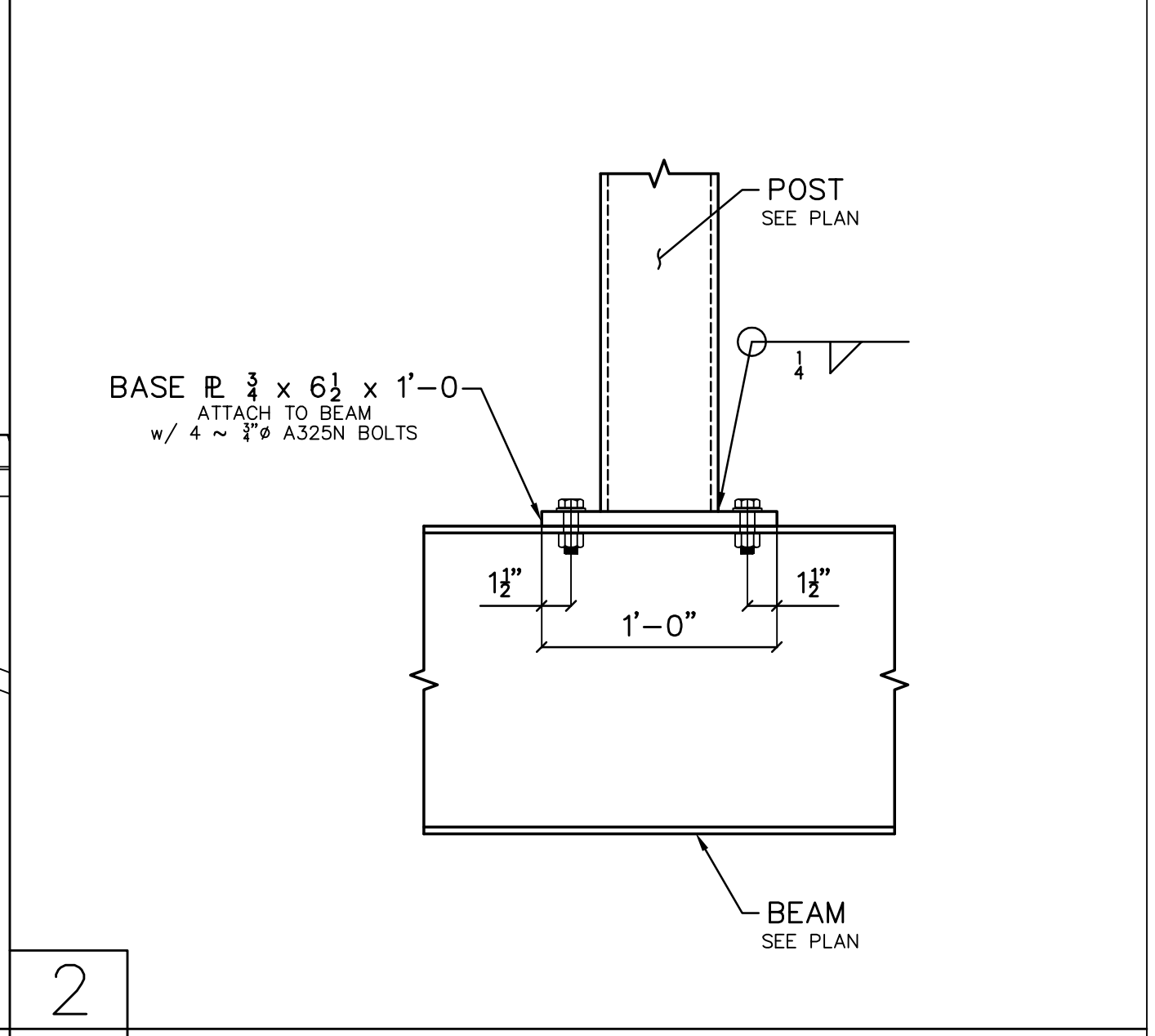
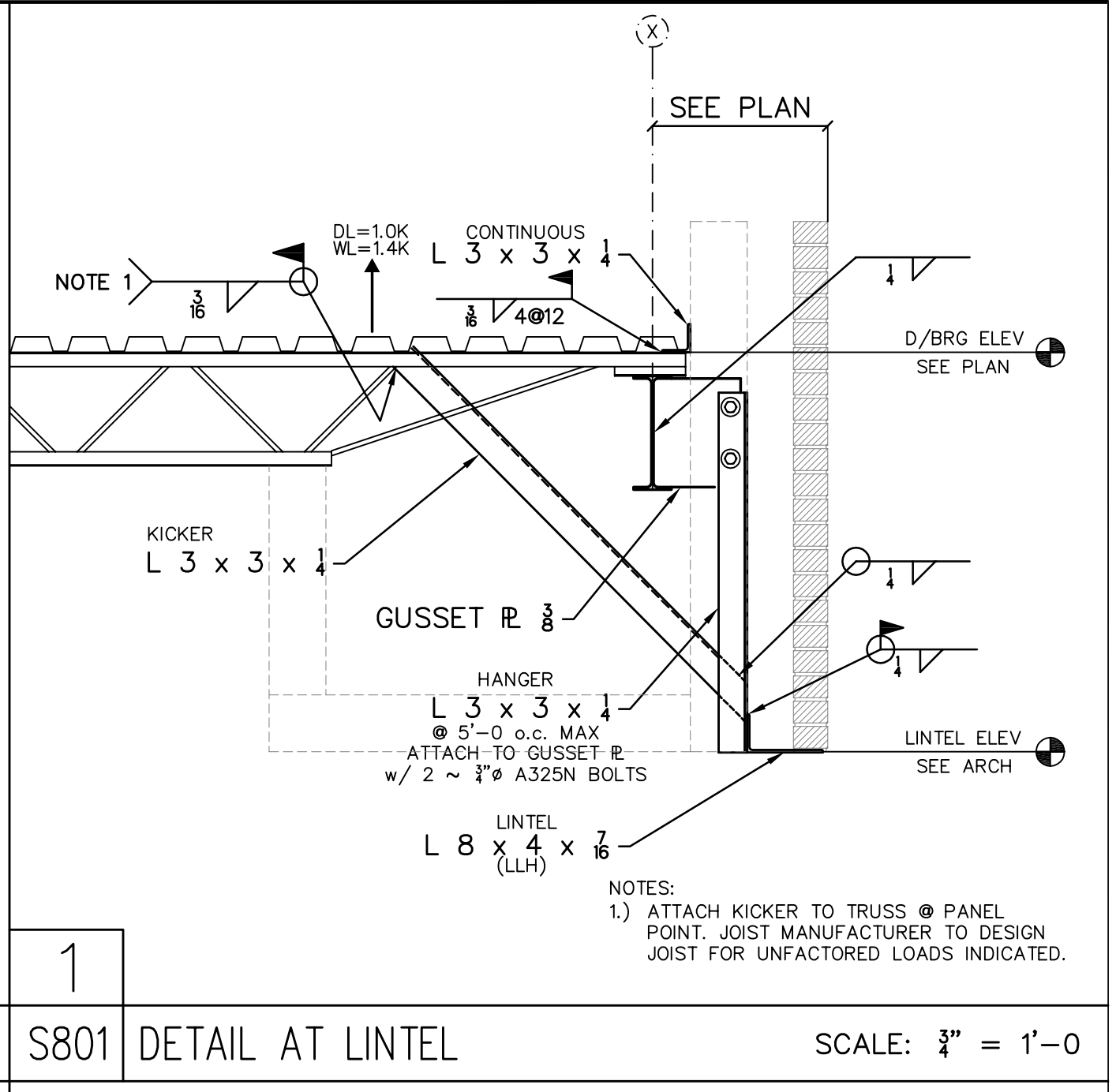
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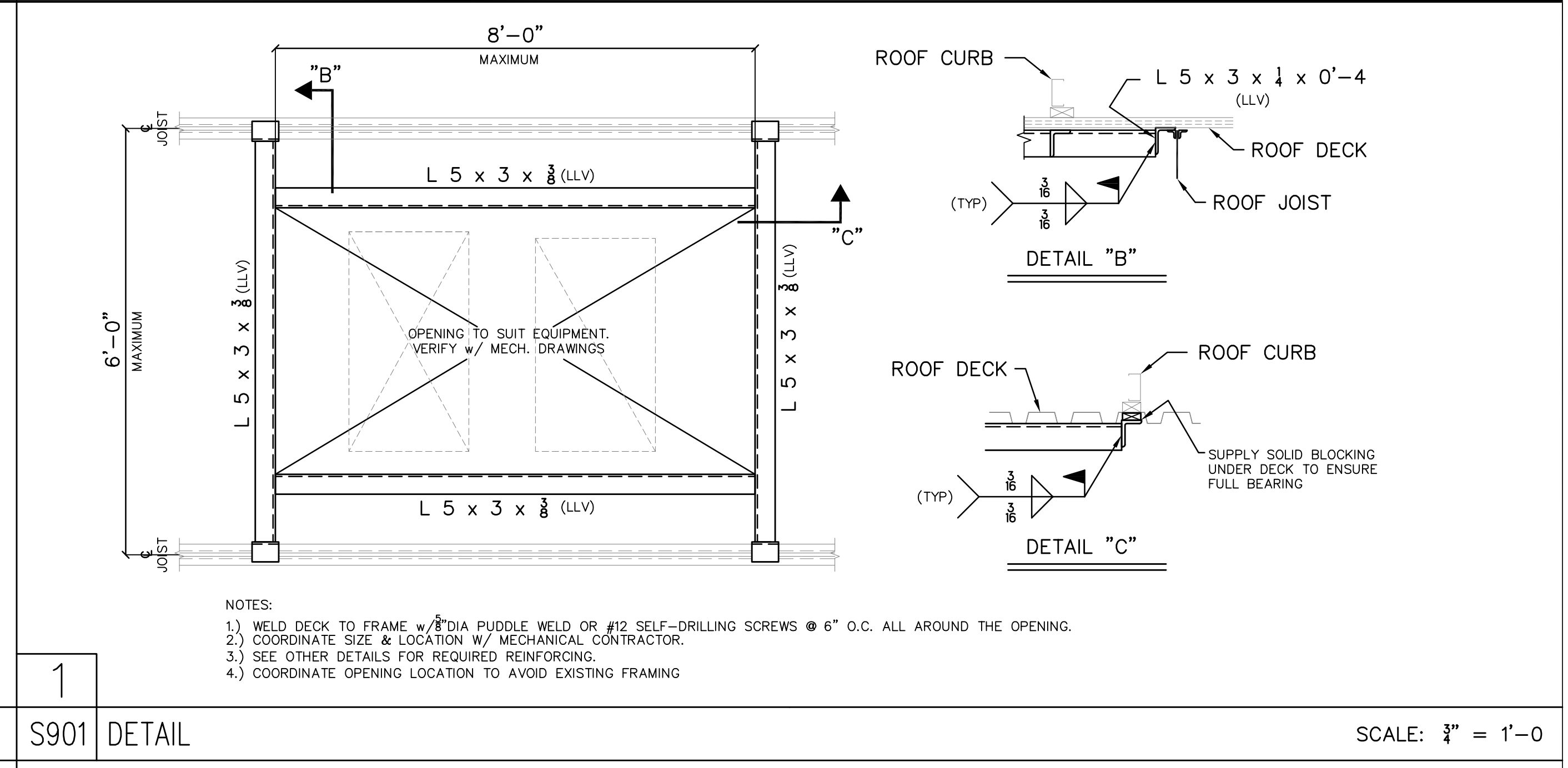
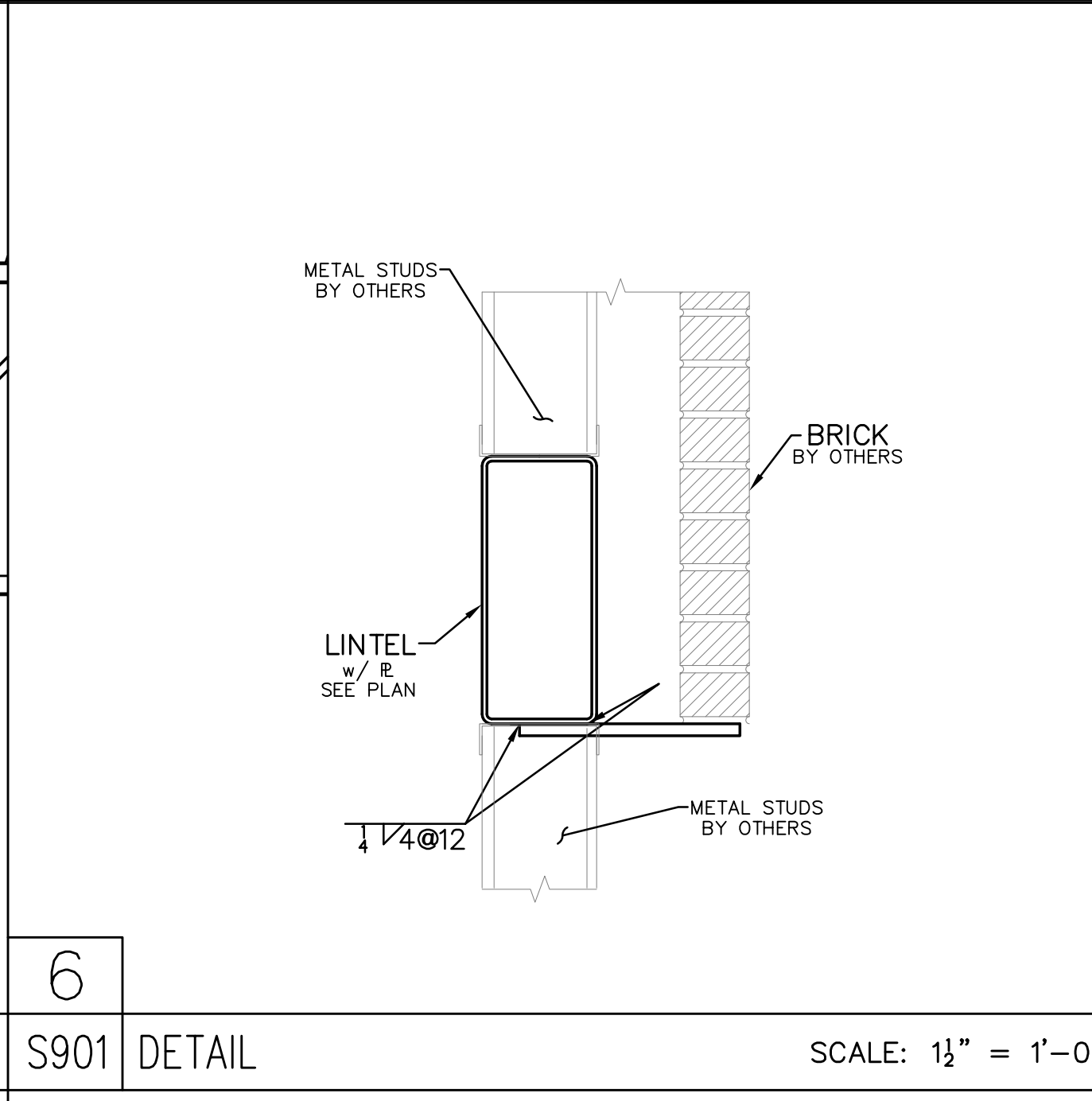
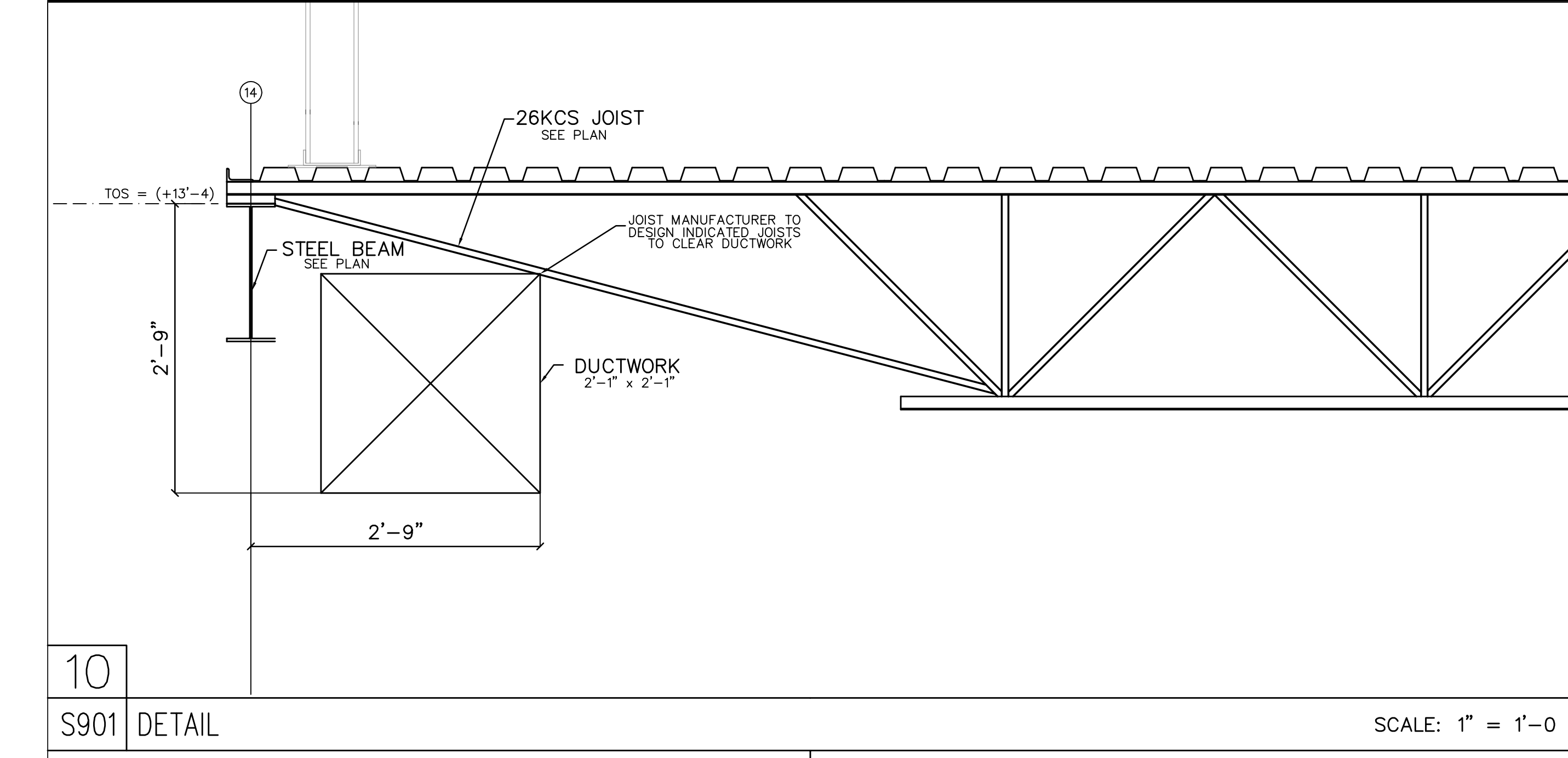
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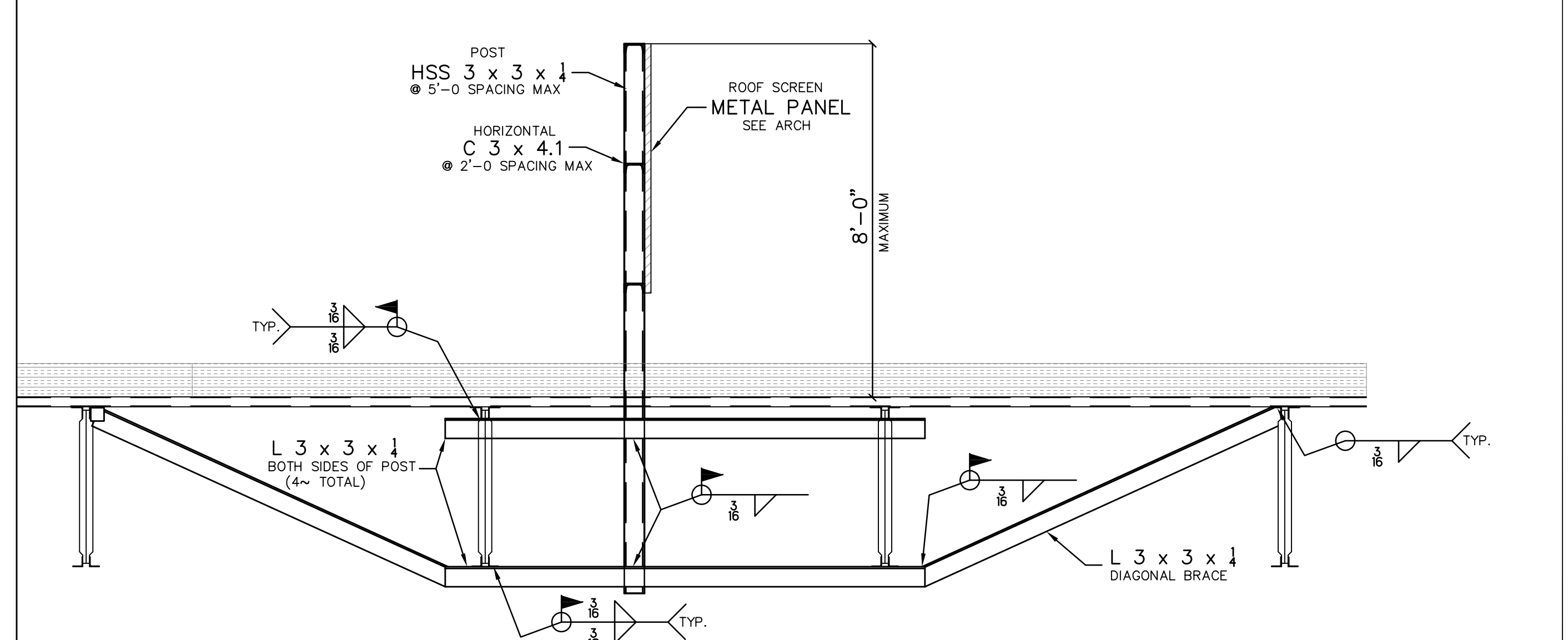
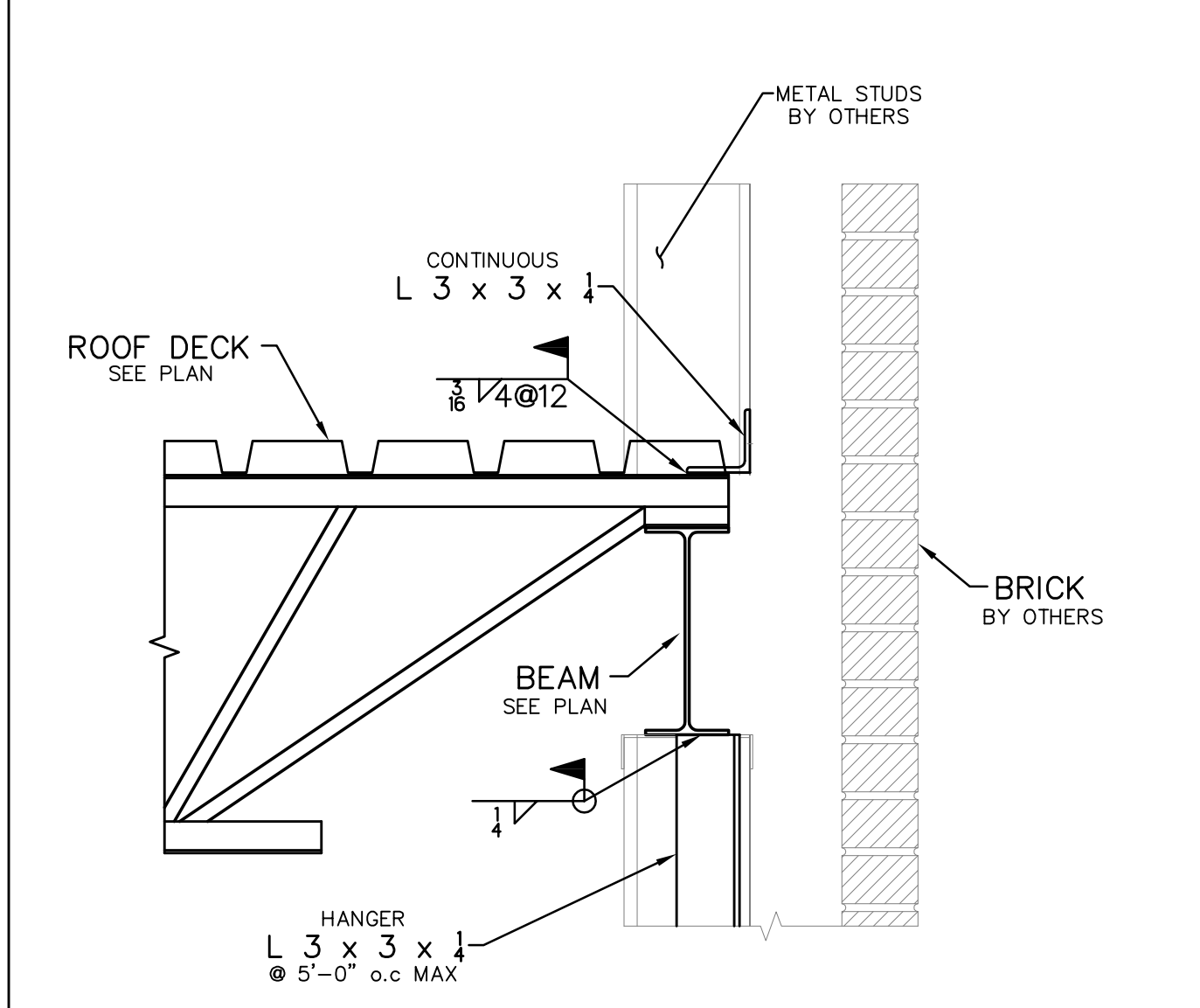
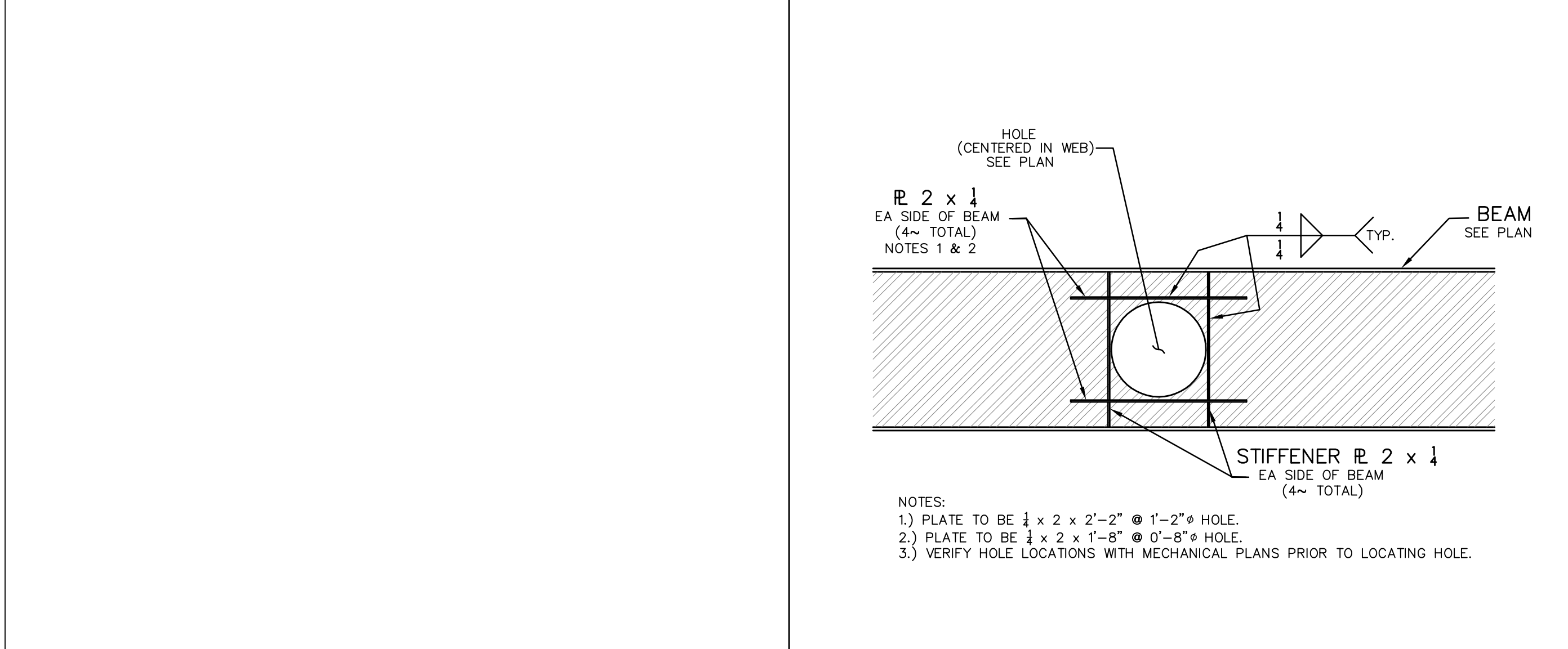
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10
S901

6
S901

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S901

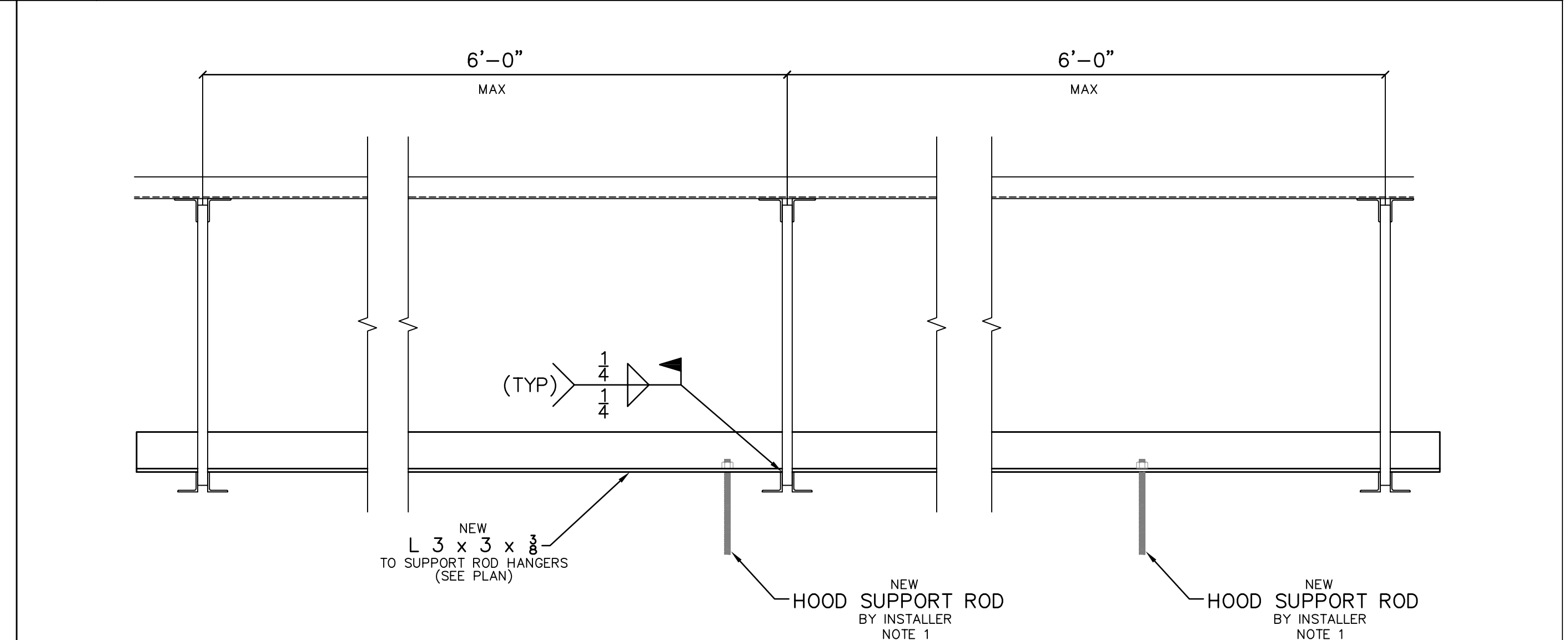
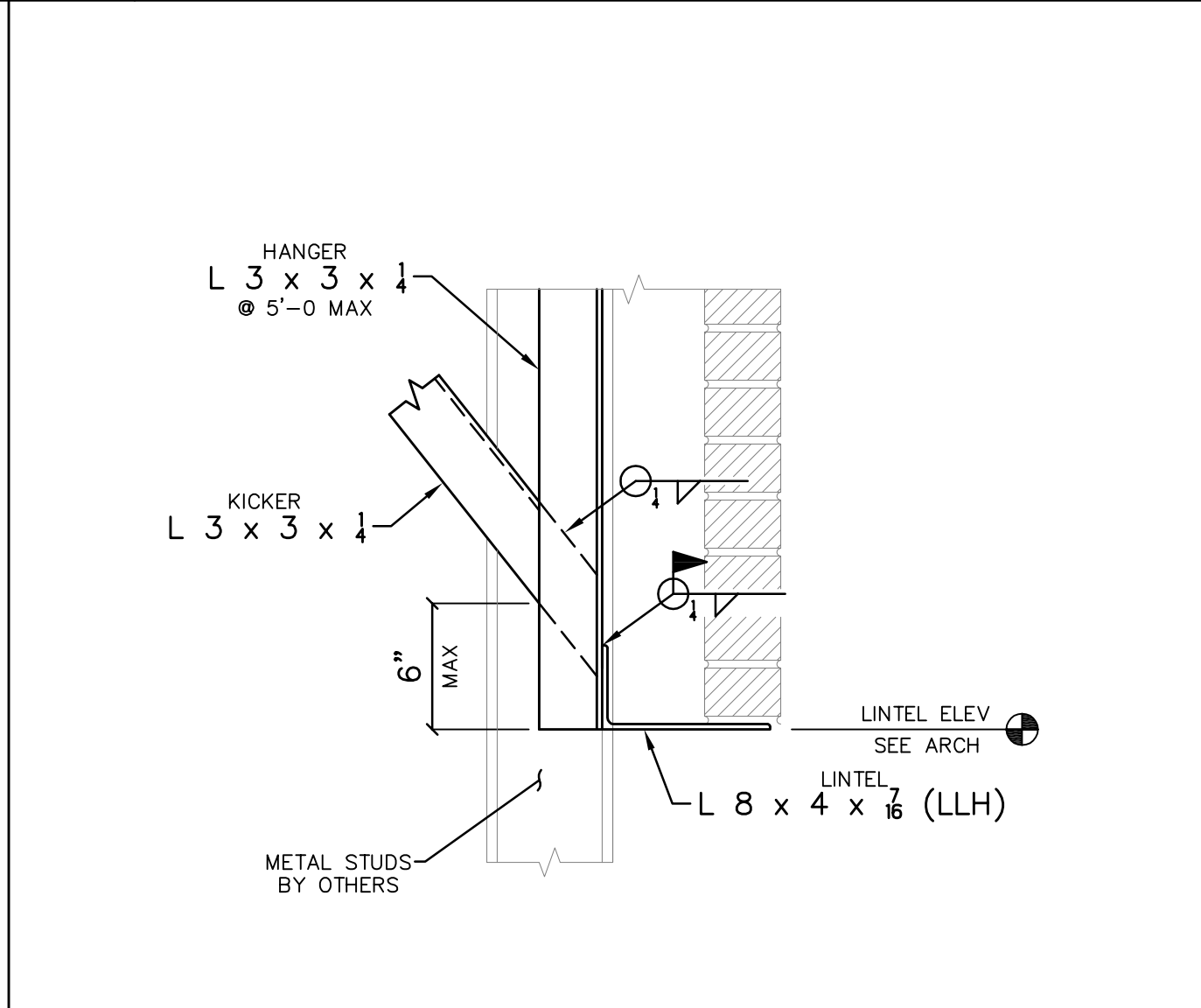
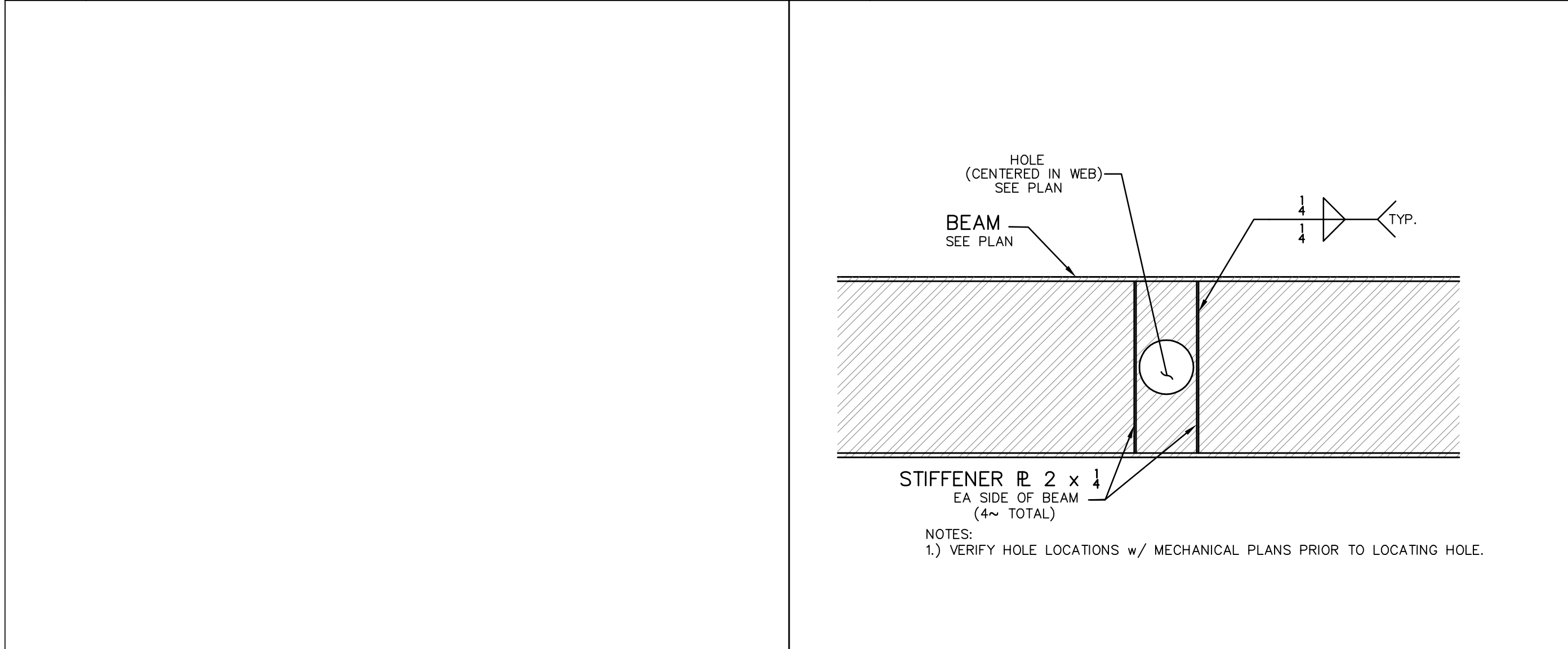


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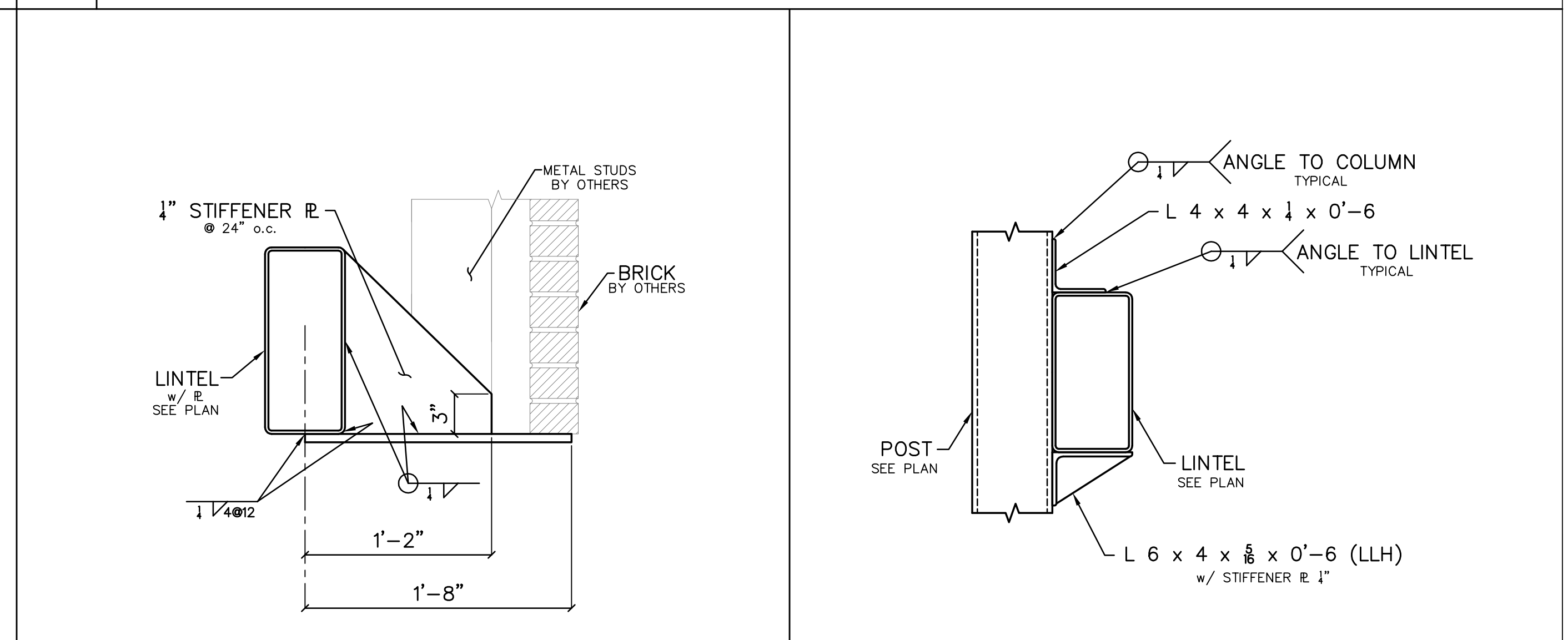
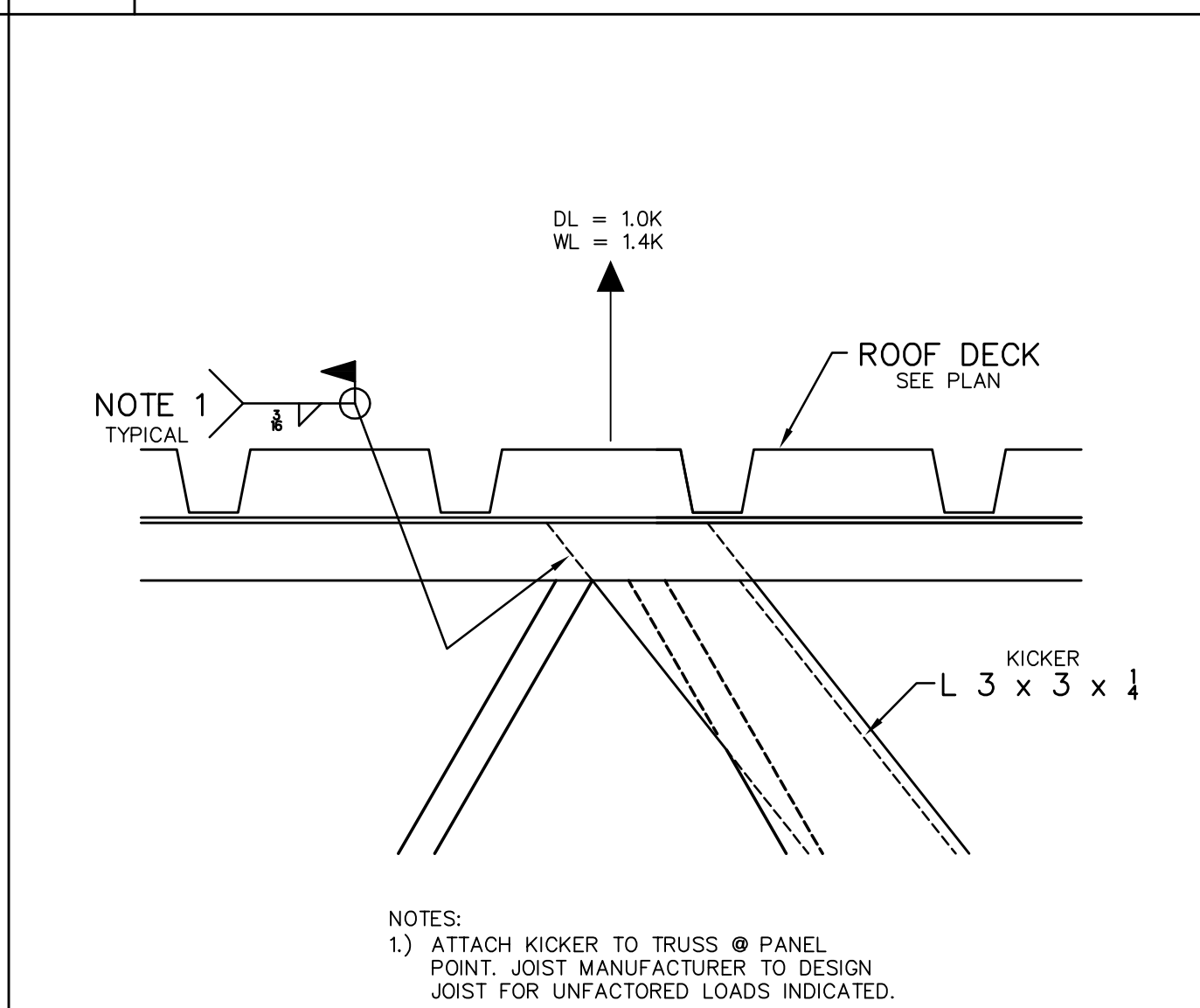
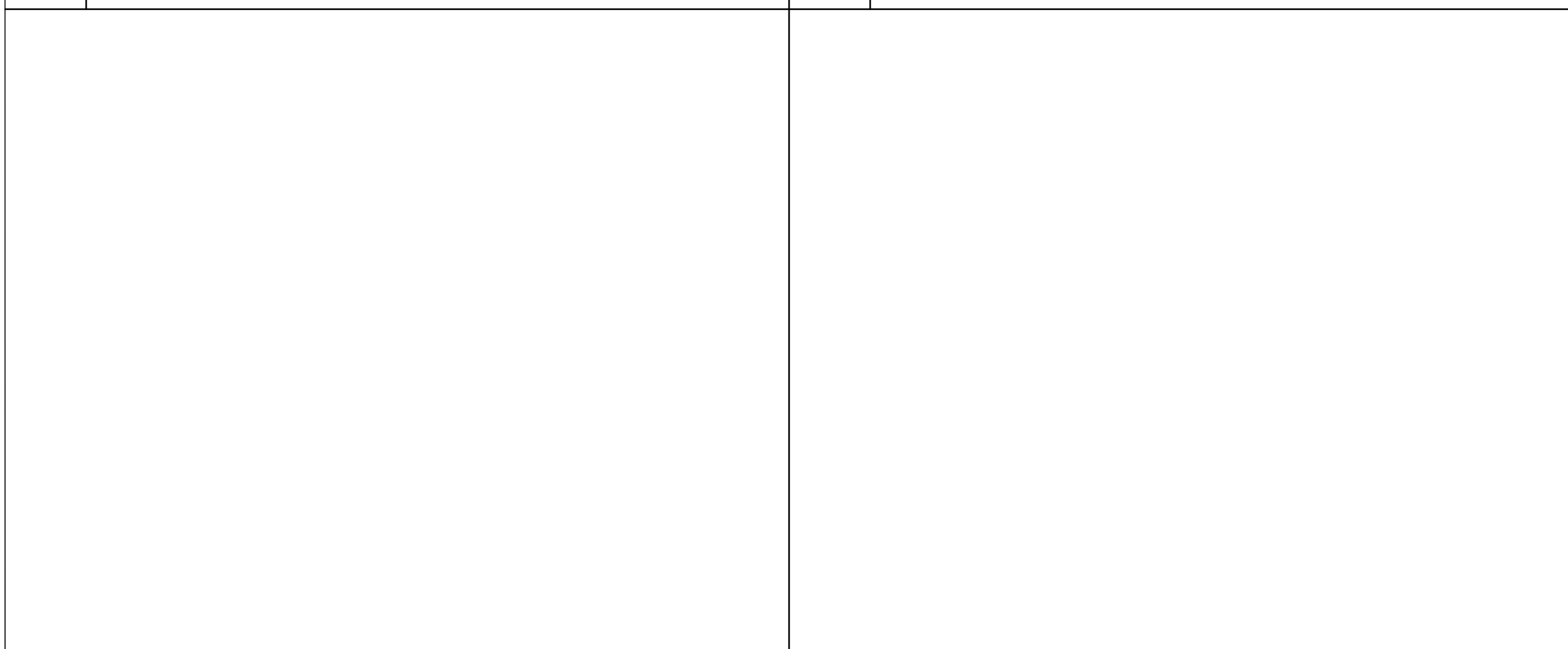


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C-3479

Project
**THE HEALING PLACE OF
NEW HANOVER COUNTY**

1000 MEDICAL CENTER DRIVE
WILMINGTON, NORTH CAROLINA

Client

**NEW HANOVER COUNTY,
NORTH CAROLINA**

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Key Plan

Professional Seal

No.	Description	Date
A	SCHEMATIC DESIGN	11/26/19
B	DESIGN DEVELOPMENT PACKAGE	
D	FOR CONSTRUCTION	08/25/20

Project Code: 18HTWILMING
Sheet Title
DETAILS

Original drawing is 42 x 30. Do not scale contents of this drawing
Sheet Number

S-901