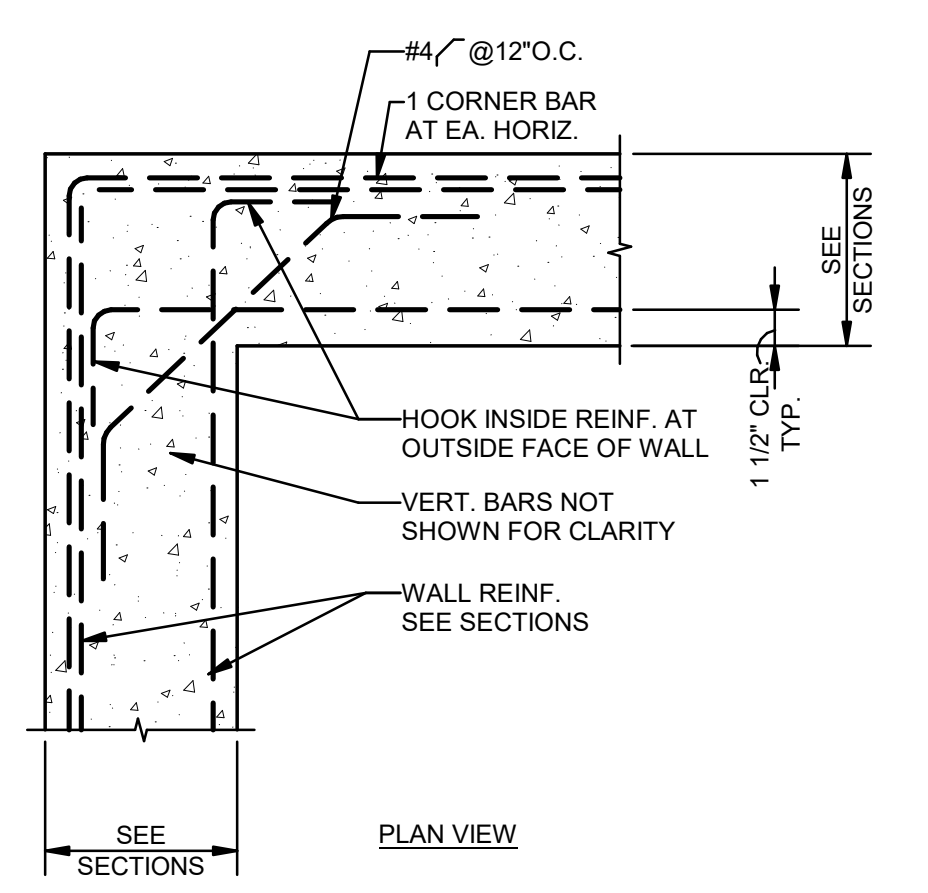
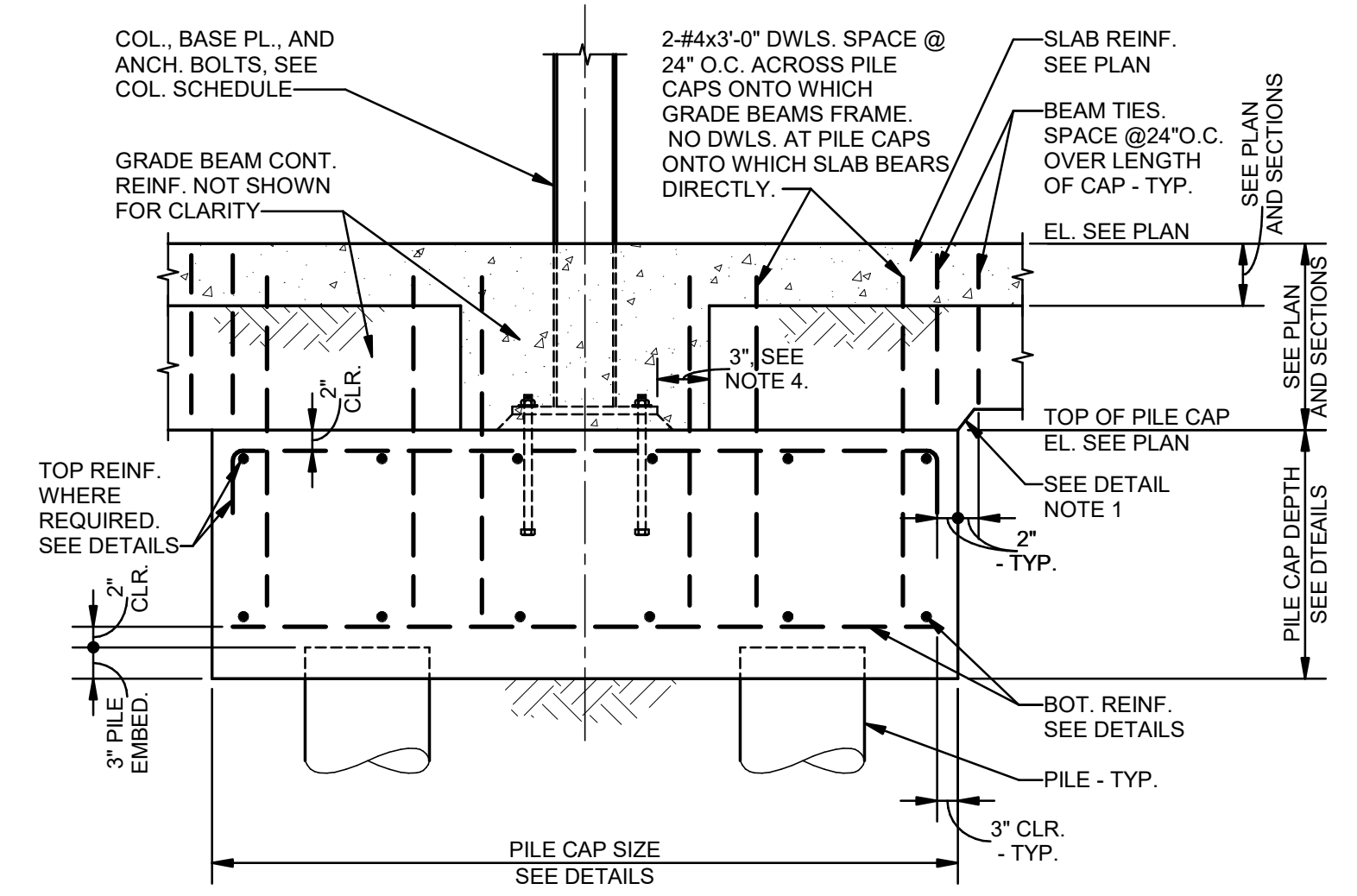


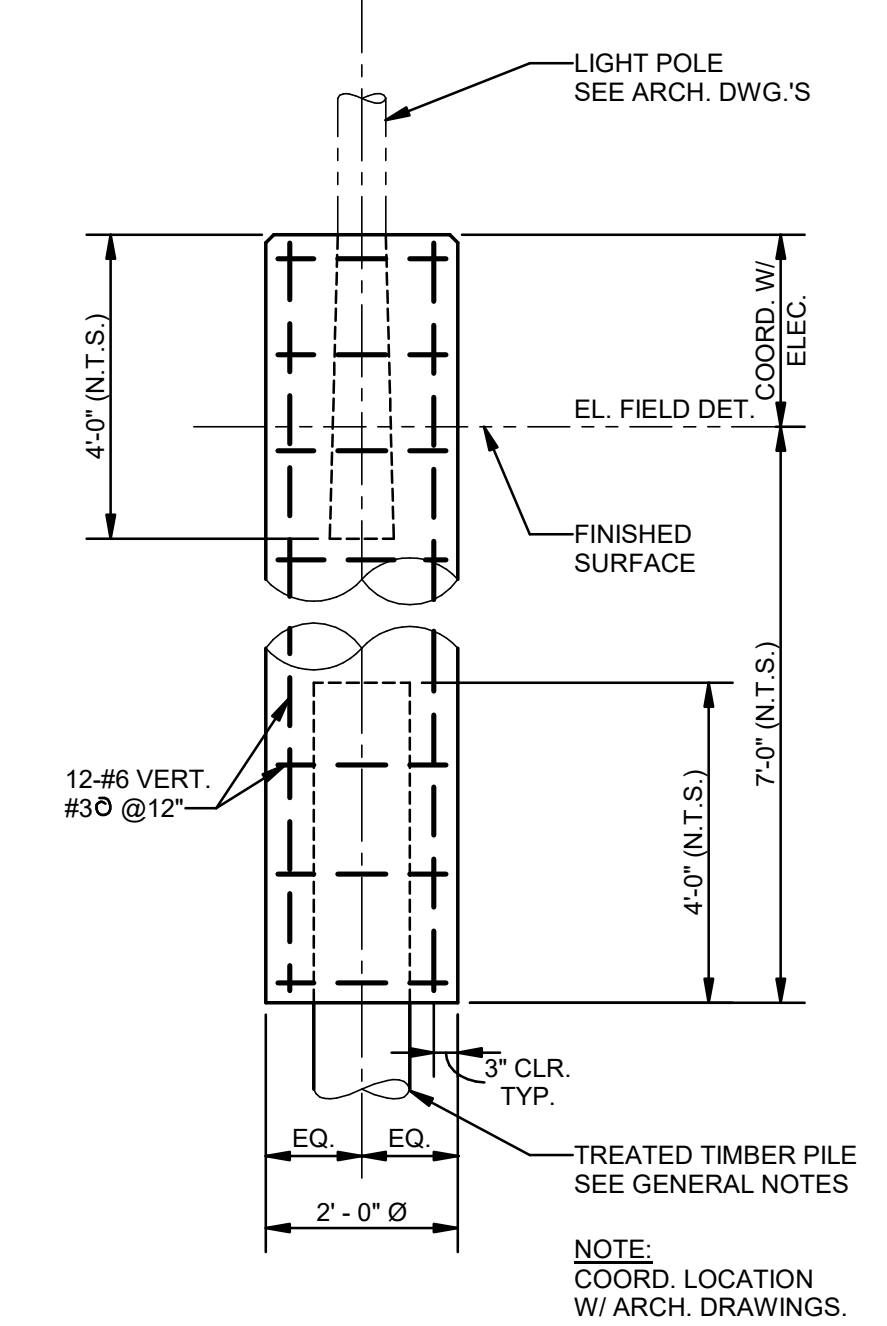
**1** DETAIL-TYPICAL CONCRETE BEAM BULKHEAD  
S002 NTS



**2** DETAIL-TYPICAL WALL REINFORCING LAYOUT  
S002 NTS

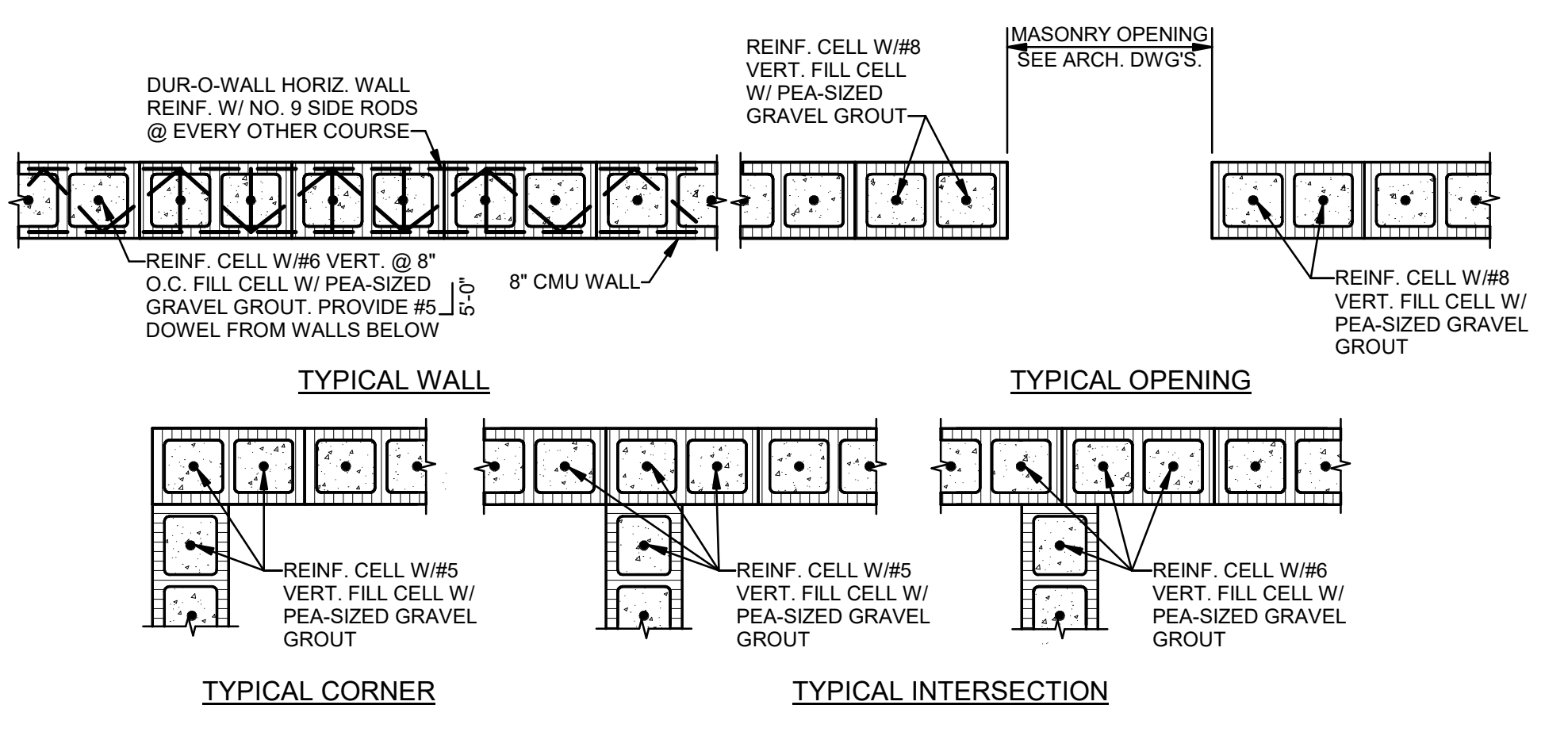


**3** DETAIL-TYPICAL PILE CAP W/ STEEL COLUMN  
S002 3/4" = 1'-0"

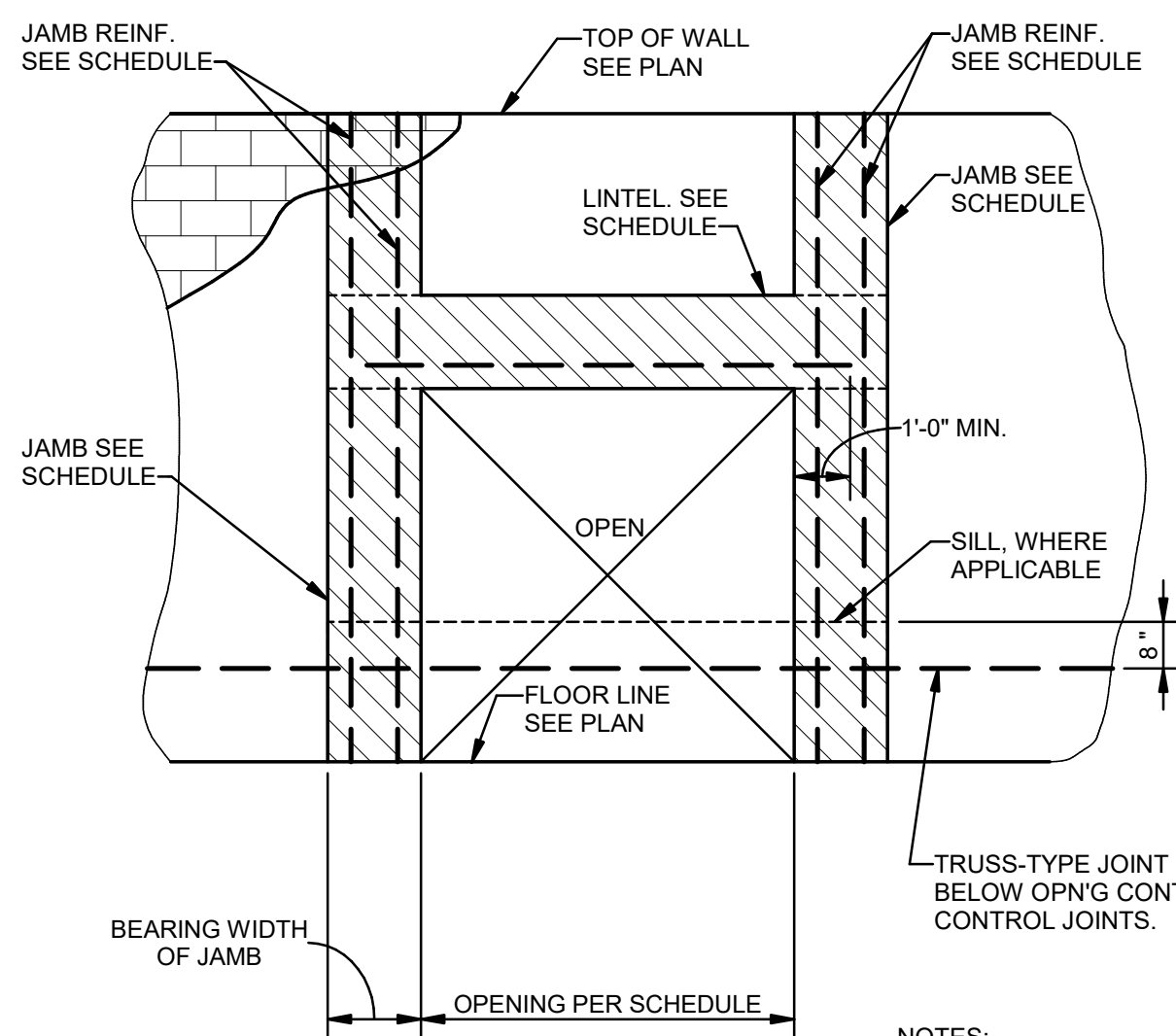


**4** DETAIL-LIGHT POLE FOUNDATION  
S002 NTS

- NOTES:
- WHERE BOTTOM OF GRADE BEAM IS ABOVE TOP OF PILE CAP, POUR DOWN AT FACE OF PILE CAP, GRADE BEAM TO TOP OF CAP.
  - ALL SIDES OF PILE CAP TO BE FORMED.
  - PROVIDE 1" HOLES IN WIDE FLANGE COLUMN WEBS TO ALLOW GRADE BEAM TOP REINFORCING TO PASS THROUGH UNINTERRUPTED.
  - OFFSET TOP REINFORCING ON 1:5 SLOPE (IN PLAN) TO AVOID WIDE FLANGE COLUMN FLANGES AND HSS COLUMNS.
  - IT WILL BE ALLOWABLE TO OMIT 6" LAP REQUIREMENT AT 50% OF BOTTOM BARS AT ANY COLUMN DUE TO INTERFERENCES. ALL MODIFICATIONS TO BE SHOWN ON SHOP DRAWINGS.
  - WIDEN INTERIOR FACE(S) OF CONCRETE GRADE BEAM TO PROVIDE 3" MINIMUM COVER AROUND ALL STEEL (REBAR, COLUMNS, BASE PLATE, ANCHOR BOLTS, ETC.)



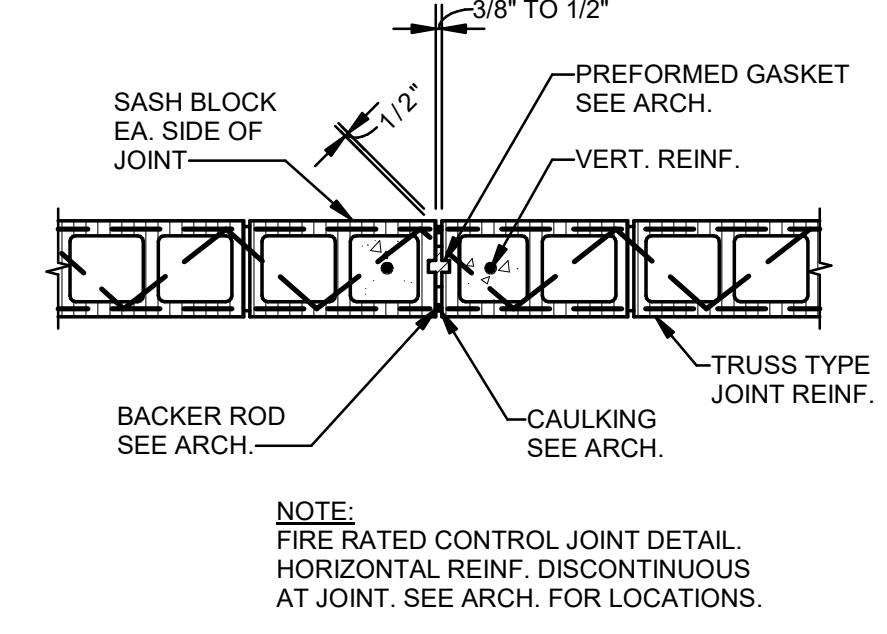
**5** TYPICAL DETAIL-CMU VERTICAL WALL REINFORCEMENT  
S002 NTS



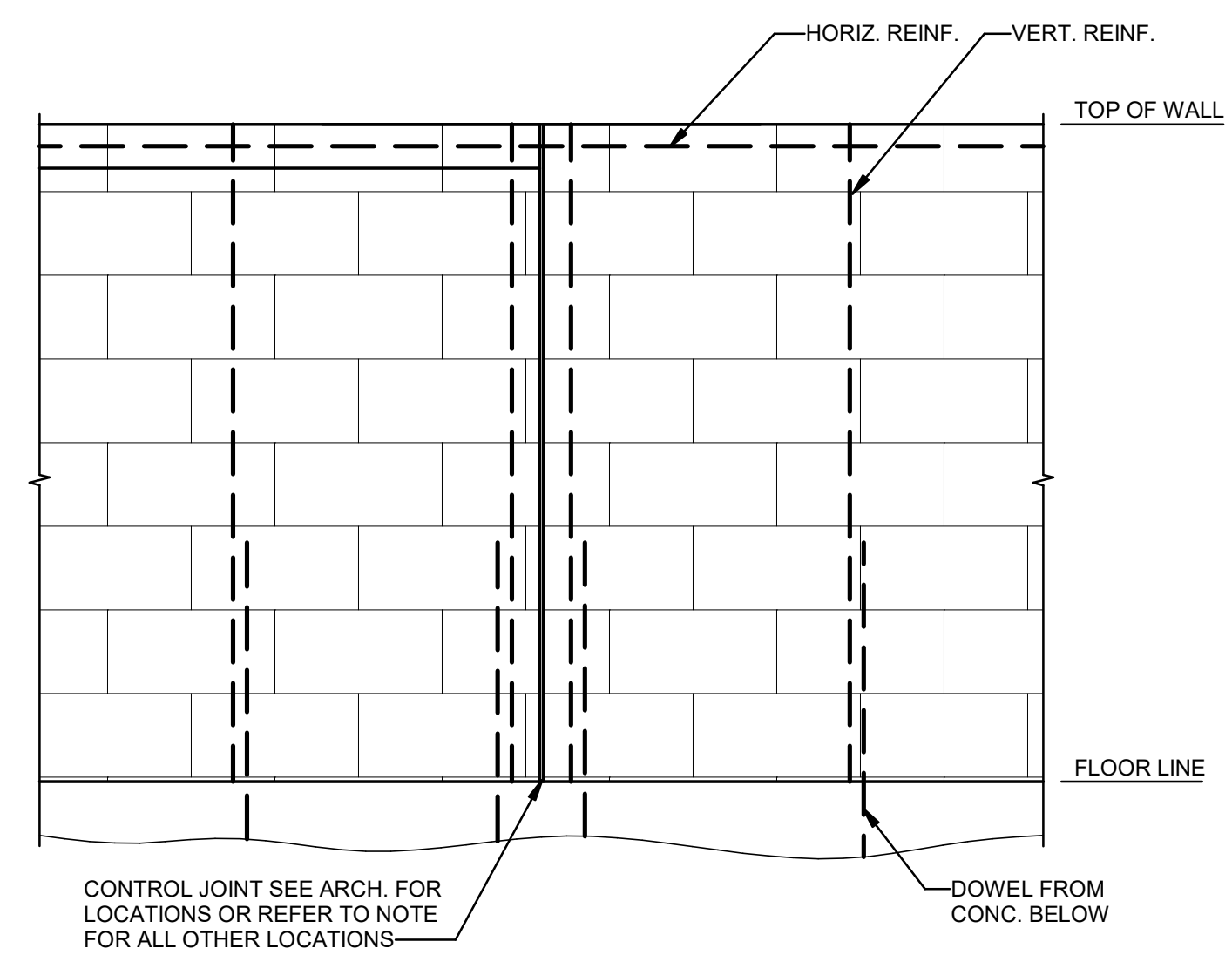
**6** CMU LINTEL/SILL SCHEDULE INT./EXT. WALL OPENINGS  
S002 NTS

OPENING SIZE (UP TO & INCLUDING)	LINTEL/SILL "U-BLOCK" SIZE AND REINFORCING	BEAR EA. END FULL DIMENSIONS SHOWN
4'-0"	16" "U-BLOCK" 2-#4 CONT. BOT.	8x16 2-#5 VERT
6'-0"	16" "U-BLOCK" 2-#4 CONT. BOT.	8x16 2-#5 VERT
8'-0"	16" "U-BLOCK" 2-#5 CONT. BOT.	8x16 2-#6 VERT
11'-0"	16" "U-BLOCK" 2-#5 CONT. TOP & BOT.	8x16 2-#7 VERT

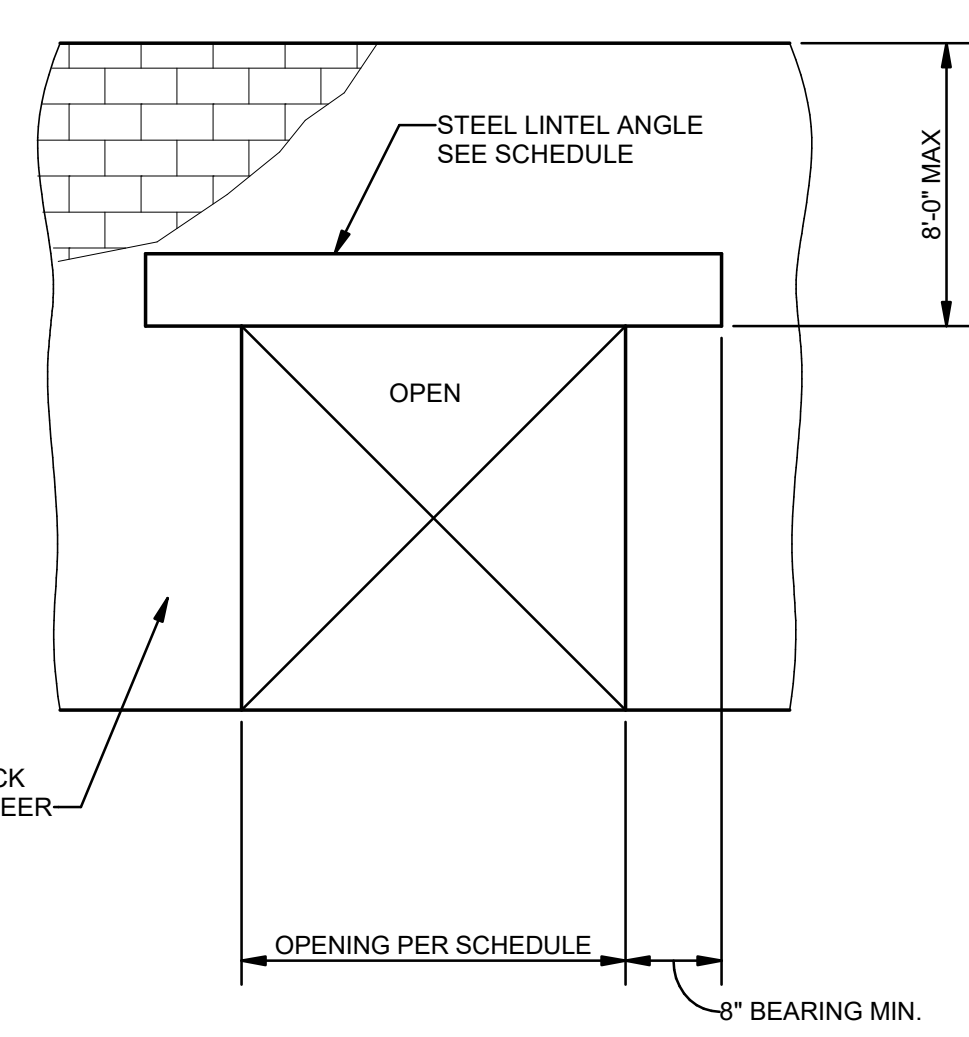
CMU LINTEL/SILL NOTES: UNLESS NOTED OTHERWISE:  
 1. JAMBS TO EXTEND FROM SUPPORTING STRUCTURE/FLOOR LEVEL BELOW OPENING TO FLOOR LEVEL ABOVE OPENING.  
 2. ALL JAMBS ARE TO BE FILLED SOLID FULL HEIGHT W/ 3000 PSI PEA GRAVEL AGGREGATE CONCRETE.  
 3. AT 16" "U-BLOCKS", PROVIDE #2 @ 24" O.C.



**7** TYPICAL CONTROL JOINT DETAIL  
S002 NTS



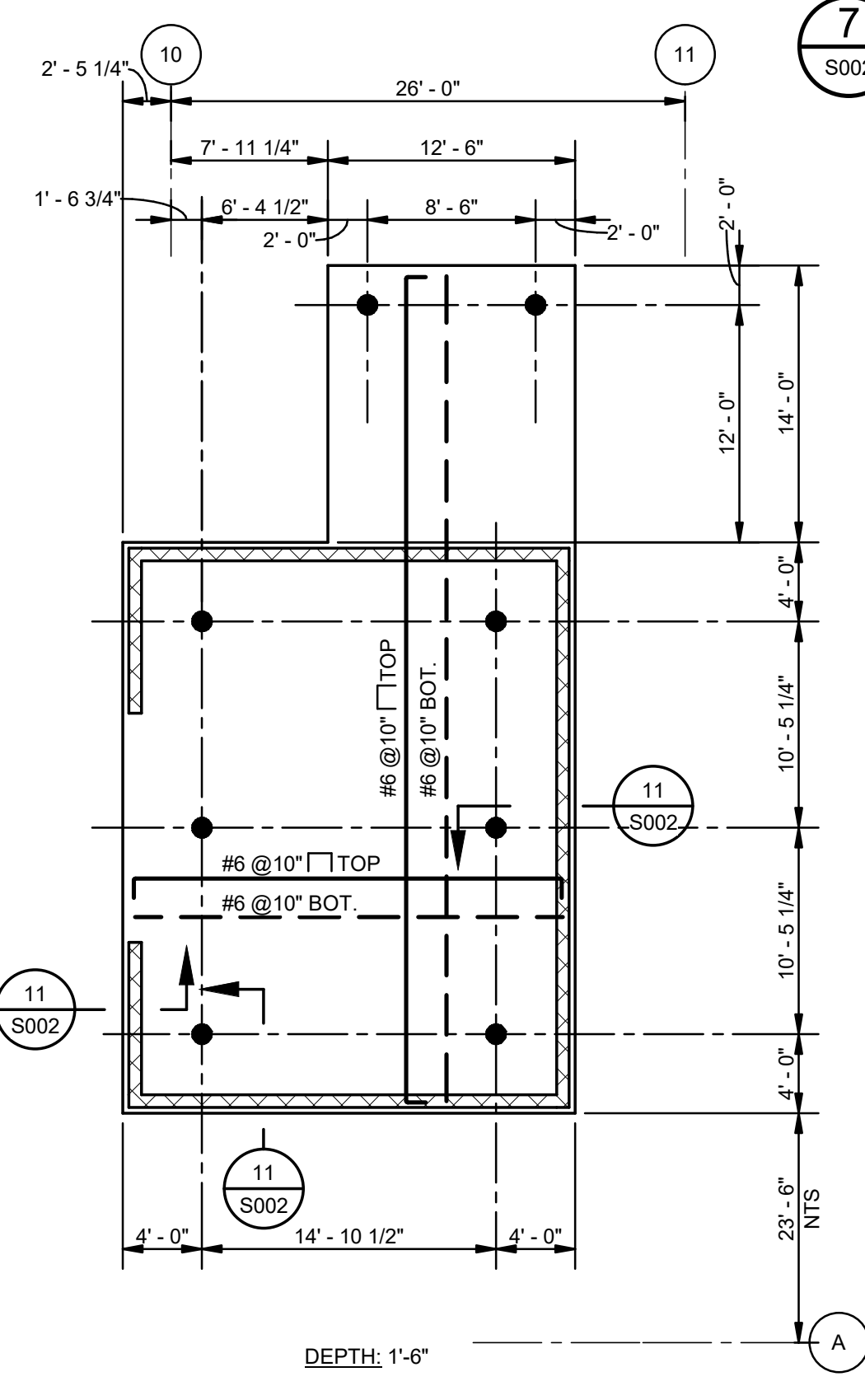
**8** CONTROL JOINT DETAIL-ELEVATION OF MASONRY WALL WITH CONTROL JOINT  
S002 NTS



**9** LINTEL SCHEDULE-STEEL ANGLES  
S002 3/4" = 1'-0"

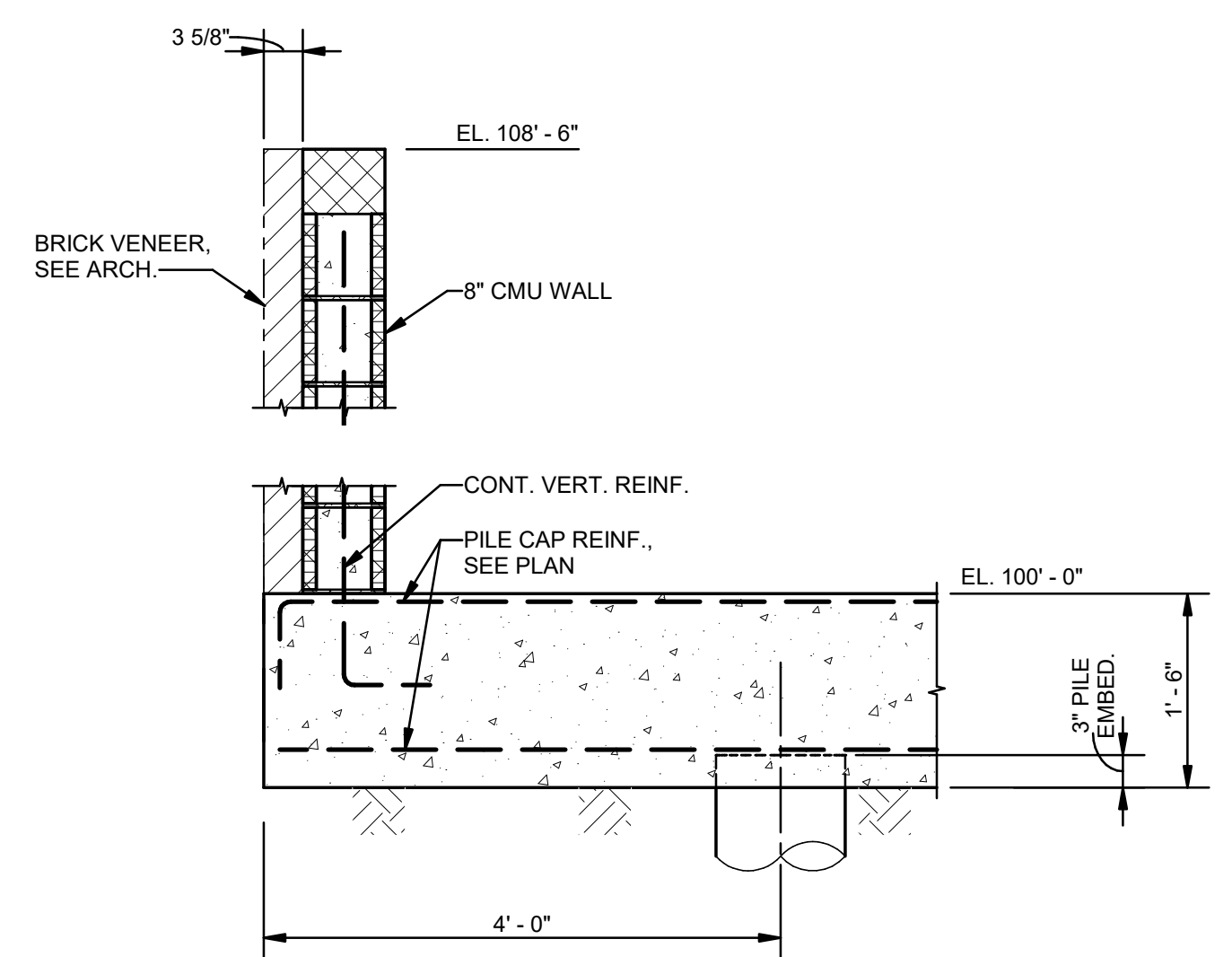
OPENING SIZE (UP TO & INCLUDING)	SIZE OF LINTEL
4'-0"	L3-1/2x3-1/2x3/8
6'-0"	L5-1/2x3-1/2x3/8 (LLV)
8'-0"	L7x4x3/8 (LLV)
10'-0"	BENT PL3/8"x4"x0'-9" (LLV)

STEEL LINTEL NOTES: UNLESS NOTED OTHERWISE:  
 1. CONTACT ENGINEER FOR OPENINGS EXCEEDING 10'-0"  
 2. NOT OTHERWISE DETAILED ON PLANS  
 3. ALL STEEL TO BE HOT-DIPPED GALVANIZED AFTER FABRICATION



**10** CHILLER YARD PILE CAP PLAN  
S002 1/8" = 1'-0"

**TRANSFORMER PAD FOUNDATION TBD**



**11** SECTION  
S002 3/4" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

**Mathes Briere** ARCHITECTS  
 ARCHITECTS BEAZLEY MOLIÈRE  
 A JOINT VENTURE

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300 Heymann Blvd.  
 Lafayette, Louisiana 70503  
 337.233.0614

PROJECT TITLE

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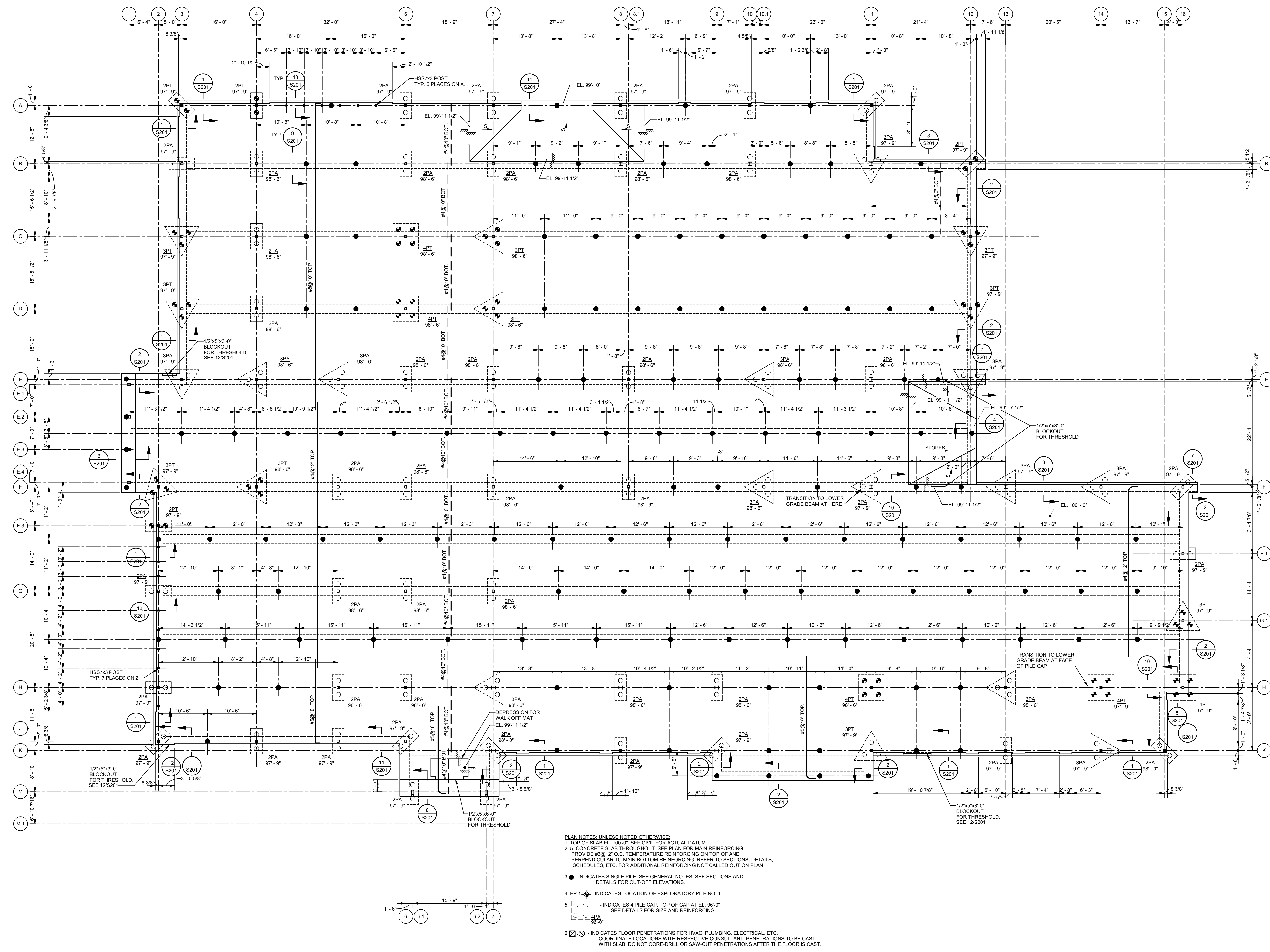
DESIGNED BY	JAS	CHECKED BY	JAS
DRAWN BY	HSB	DATE	12.20.21

SHEET TITLE  
 CONCRETE AND CMU TYPICAL DETAILS

PROJECT NO.	MBA - 11884	SHEET NO.	S002
ABM - 201803			

MORPHY MAKOFSKY INCORPORATED  
 CONSULTING ENGINEERS  
 (504)488-1317  
 308 NO. 19192





- PLAN NOTES: UNLESS NOTED OTHERWISE:**
- TOP OF SLAB EL. 100'-0" SEE CIVIL FOR ACTUAL DATUM.
  - 5" CONCRETE SLAB THROUGHOUT. SEE PLAN FOR MAIN REINFORCING. PROVIDE #3@12" O.C. TEMPERATURE REINFORCING ON TOP OF AND PERPENDICULAR TO MAIN BOTTOM REINFORCING. REFER TO SECTIONS, DETAILS, SCHEDULES, ETC. FOR ADDITIONAL REINFORCING NOT CALLED OUT ON PLAN.
  - INDICATES SINGLE PILE. SEE GENERAL NOTES. SEE SECTIONS AND DETAILS FOR CUT-OFF ELEVATIONS.
  - EP-1 INDICATES LOCATION OF EXPLORATORY PILE NO. 1.
  - 4PA 96'-0" INDICATES 4 PILE CAP. TOP OF CAP AT EL. 96'-0" SEE DETAILS FOR SIZE AND REINFORCING.
  - ⊗ INDICATES FLOOR PENETRATIONS FOR HVAC, PLUMBING, ELECTRICAL, ETC. COORDINATE LOCATIONS WITH RESPECTIVE CONSULTANT. PENETRATIONS TO BE CAST WITH SLAB. DO NOT CORE-DRILL OR SAW-CUT PENETRATIONS AFTER THE FLOOR IS CAST.

**FOUNDATION AND FIRST FLOOR FRAMING PLAN**  
 1/8" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

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**PROJECT TITLE**

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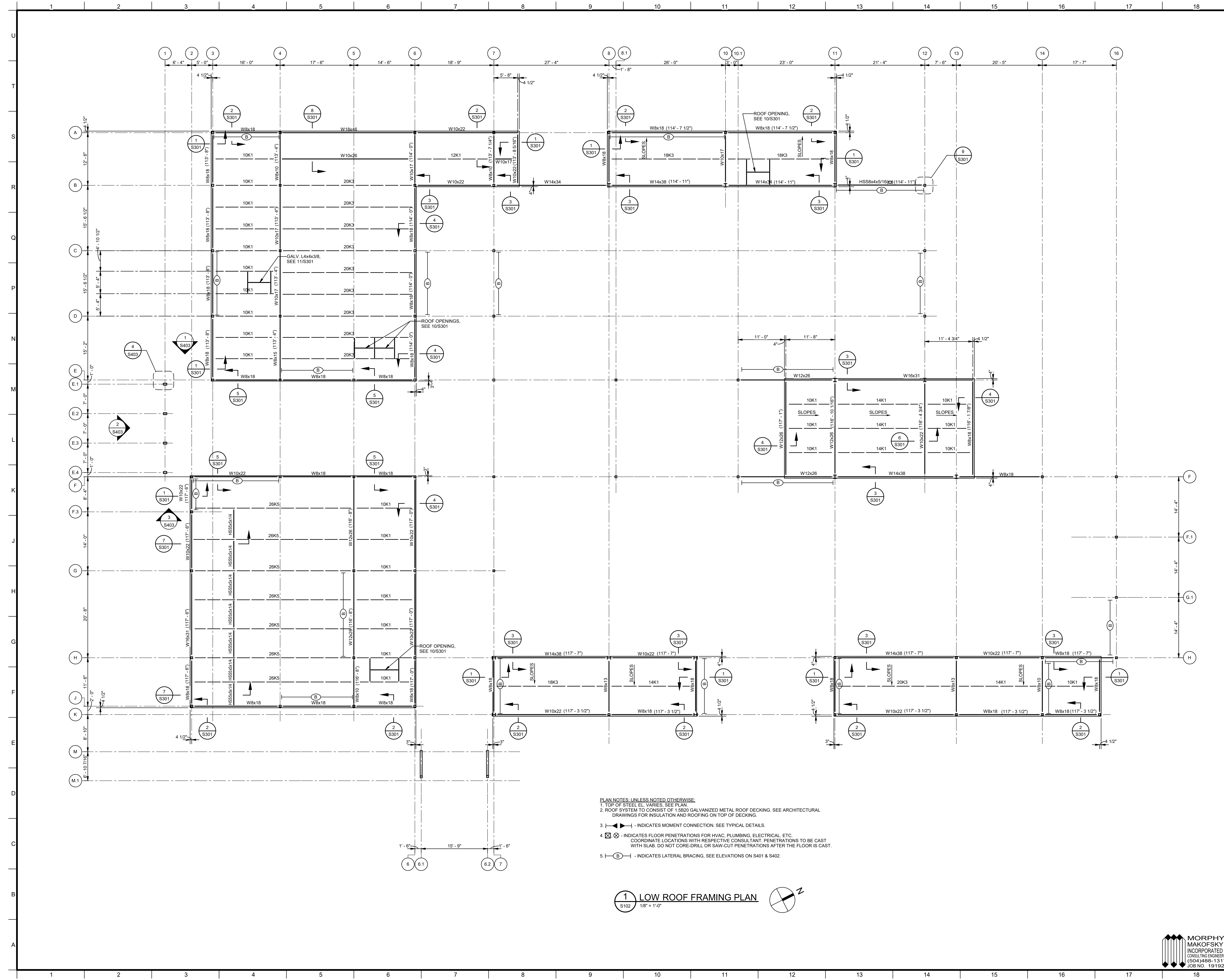
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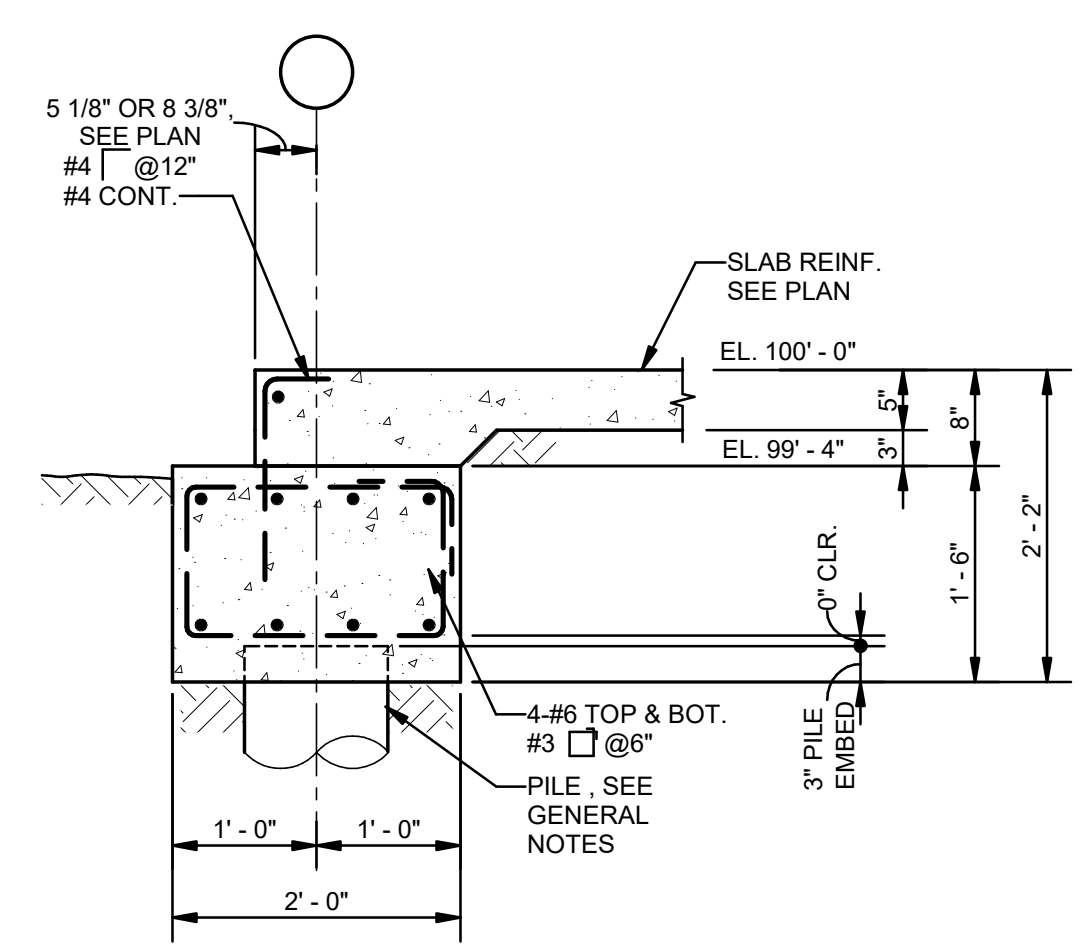
DESIGNED BY	JAS	CHECKED BY	JAS
DRAWN BY	HSB	DATE	12.20.21

SHEET TITLE	
FDN. AND FIRST FLR. FRAMING PLAN	
PROJECT NO.	SHEET NO.
MBA - 11884	S101
ABM - 201803	

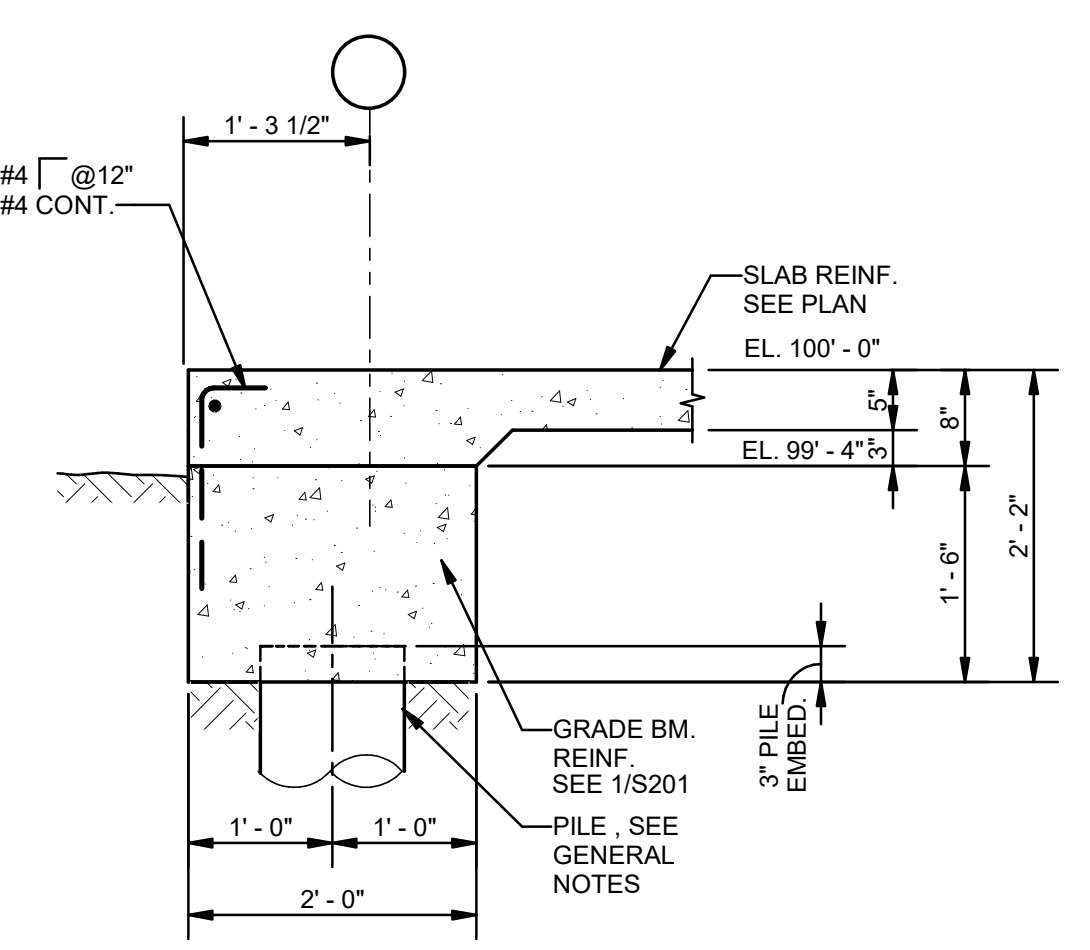




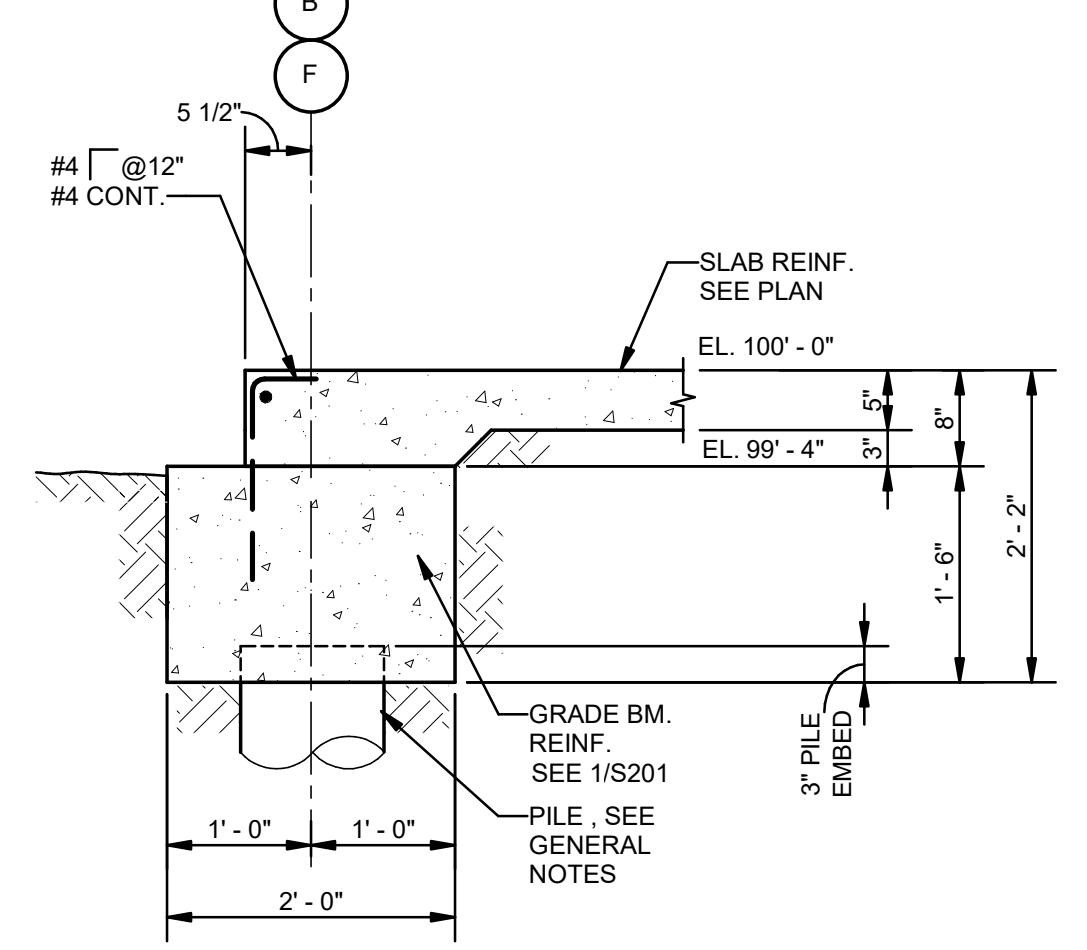




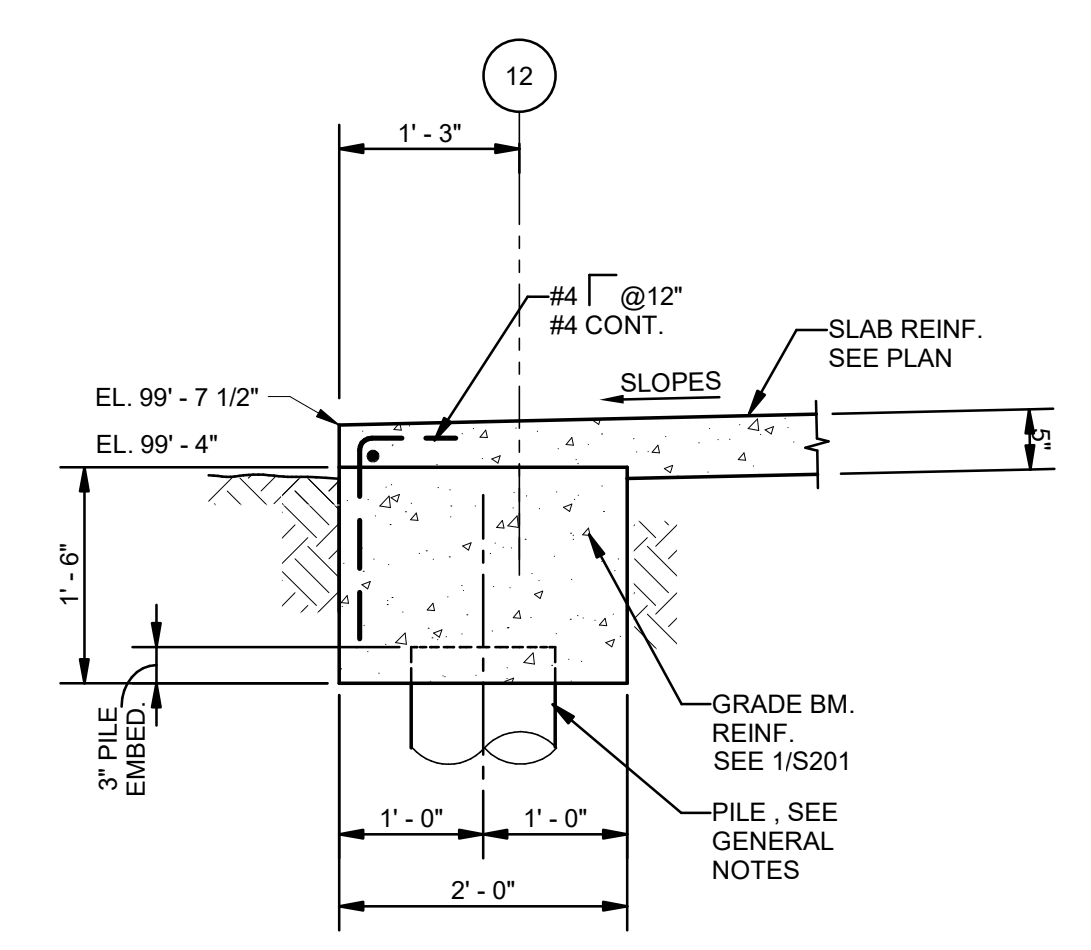
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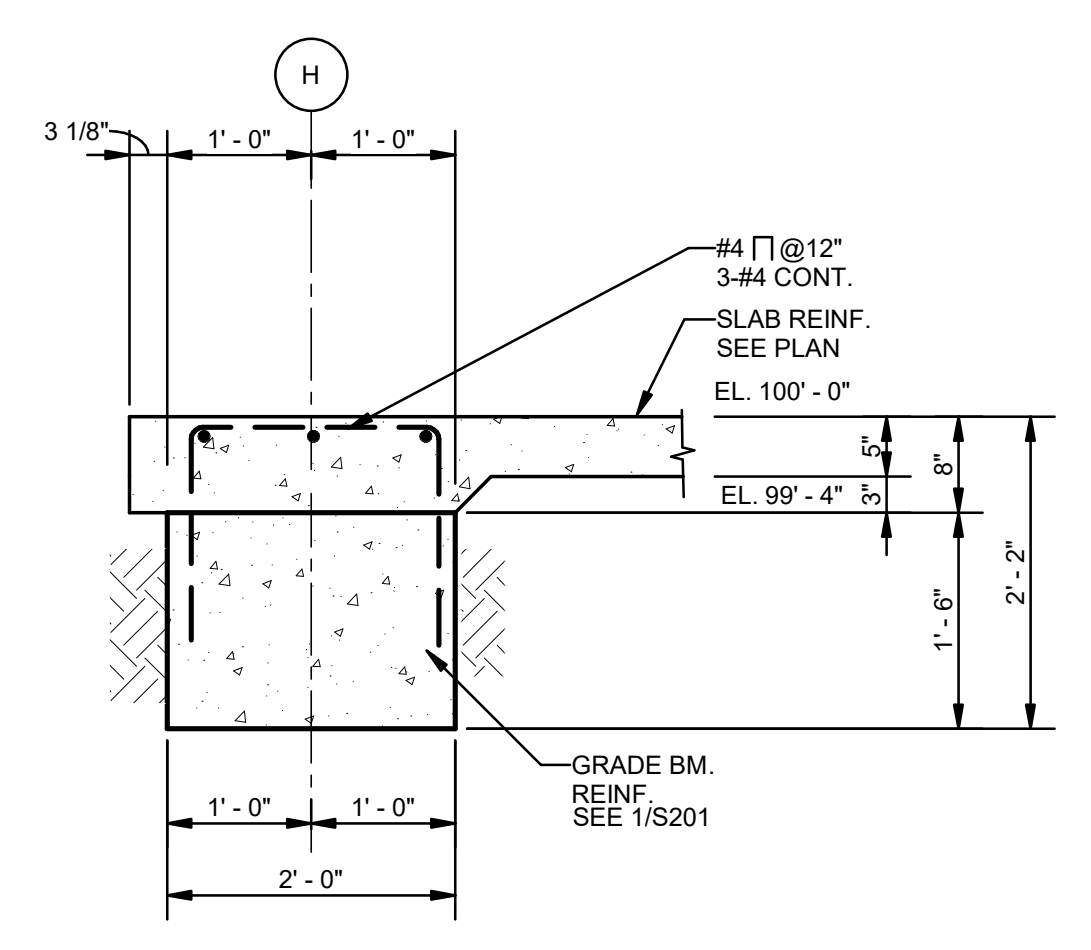
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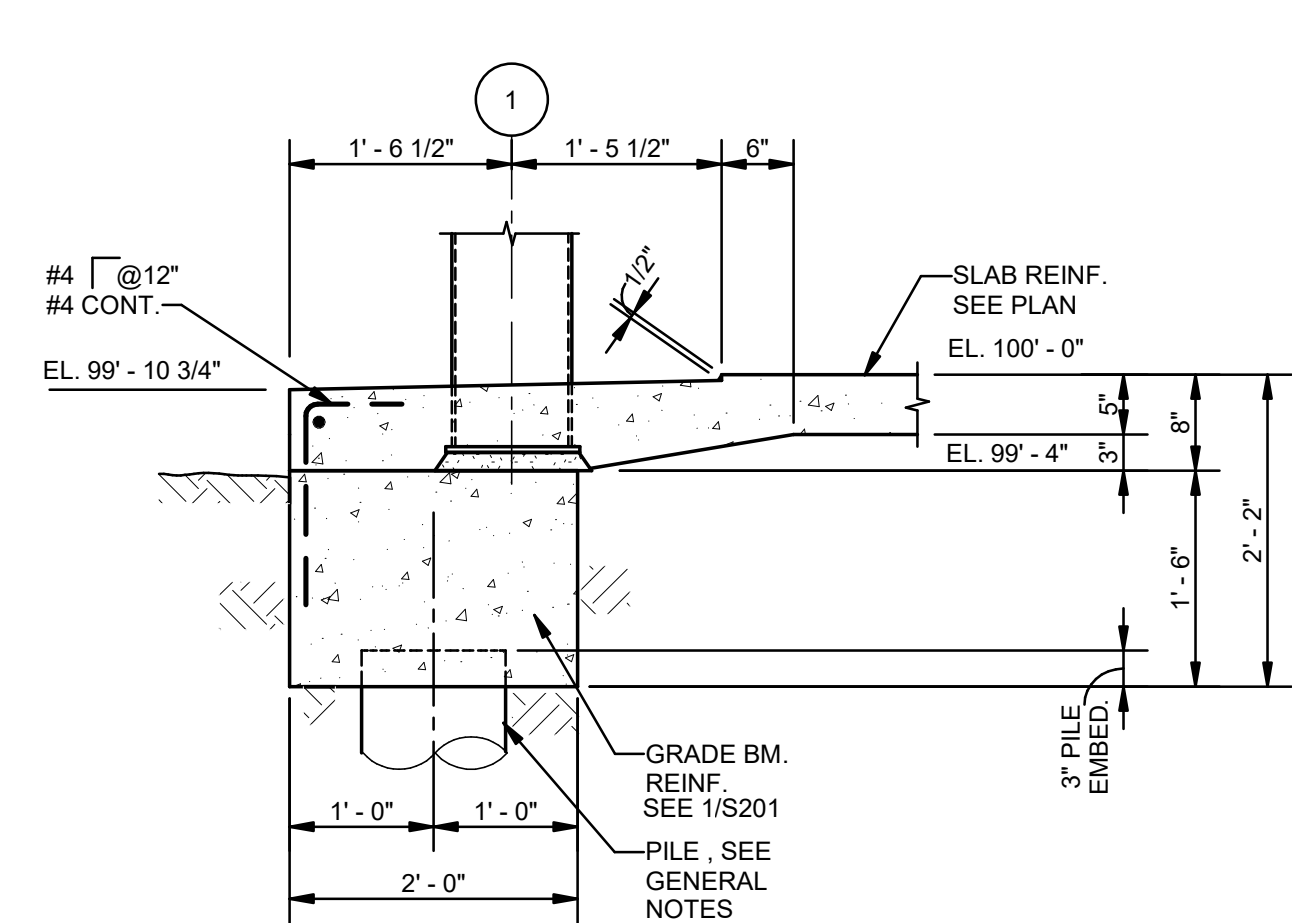
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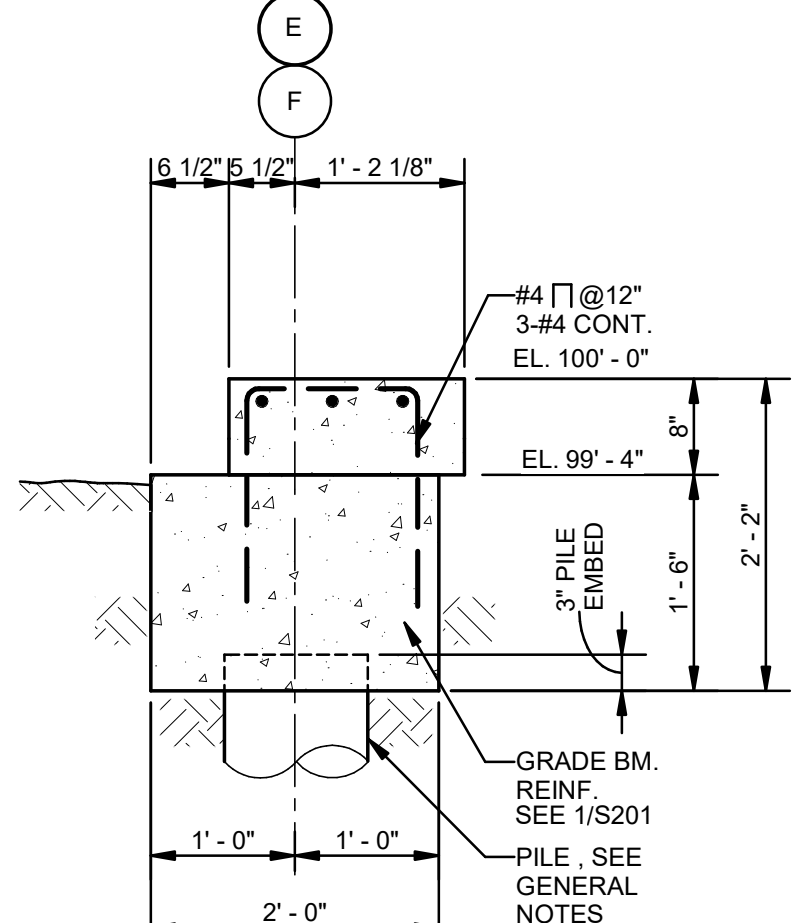
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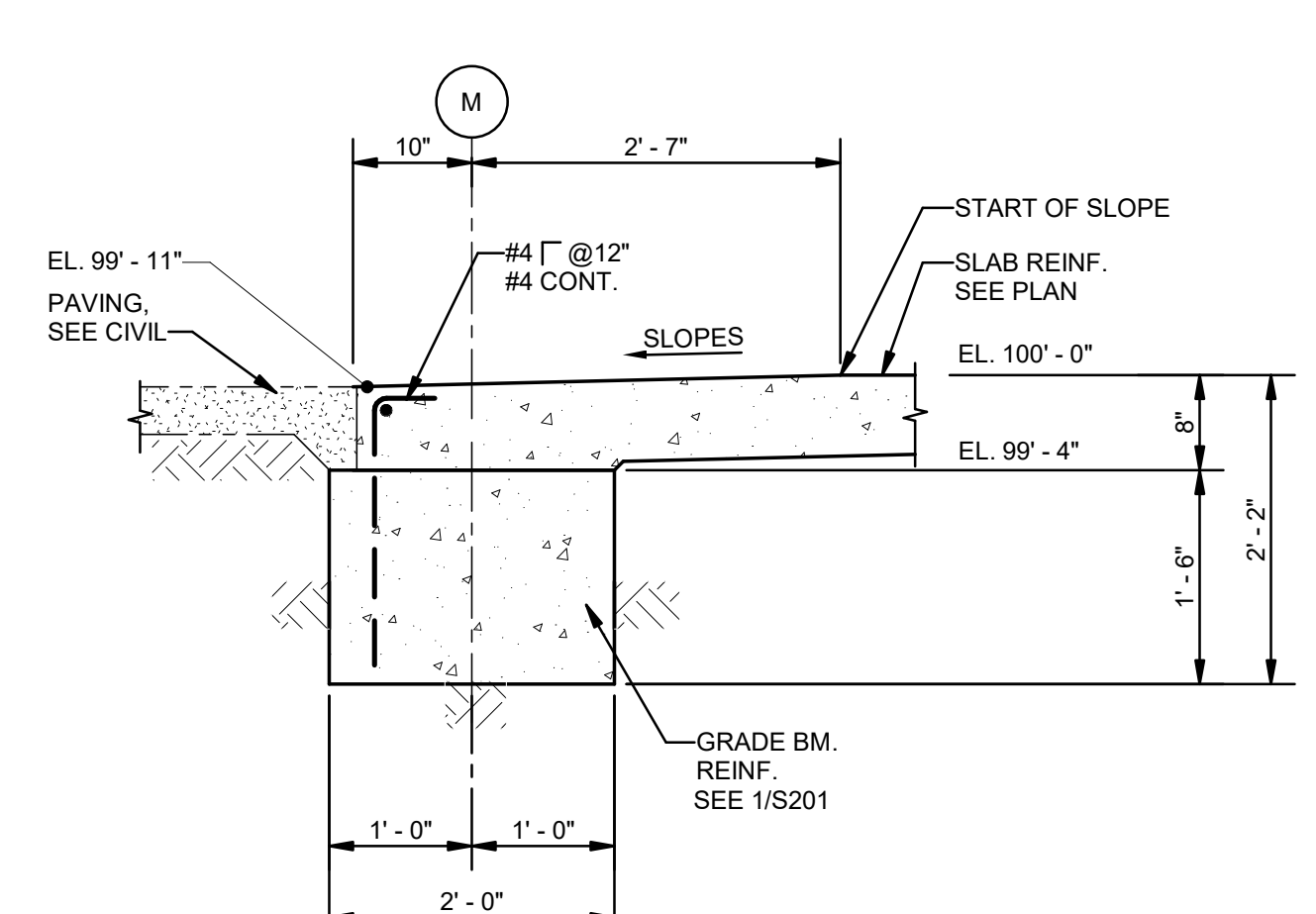
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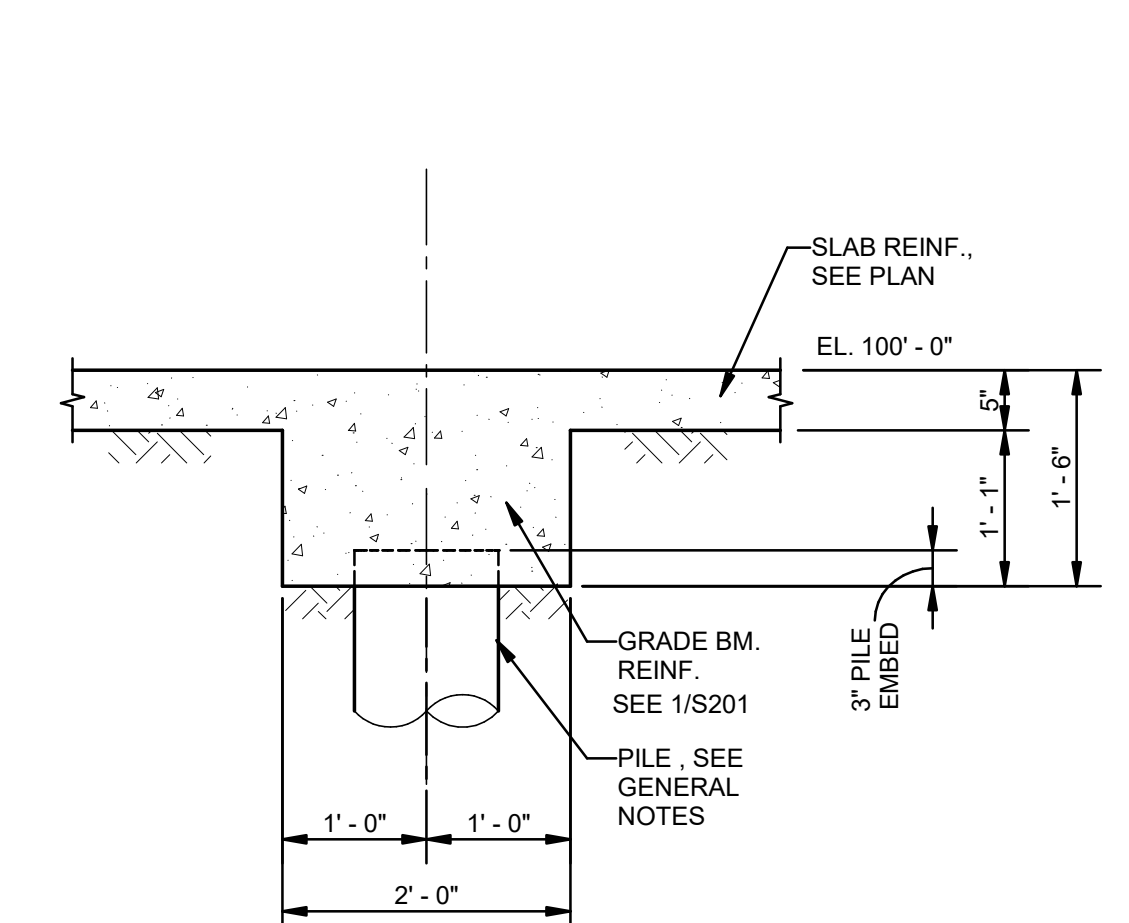
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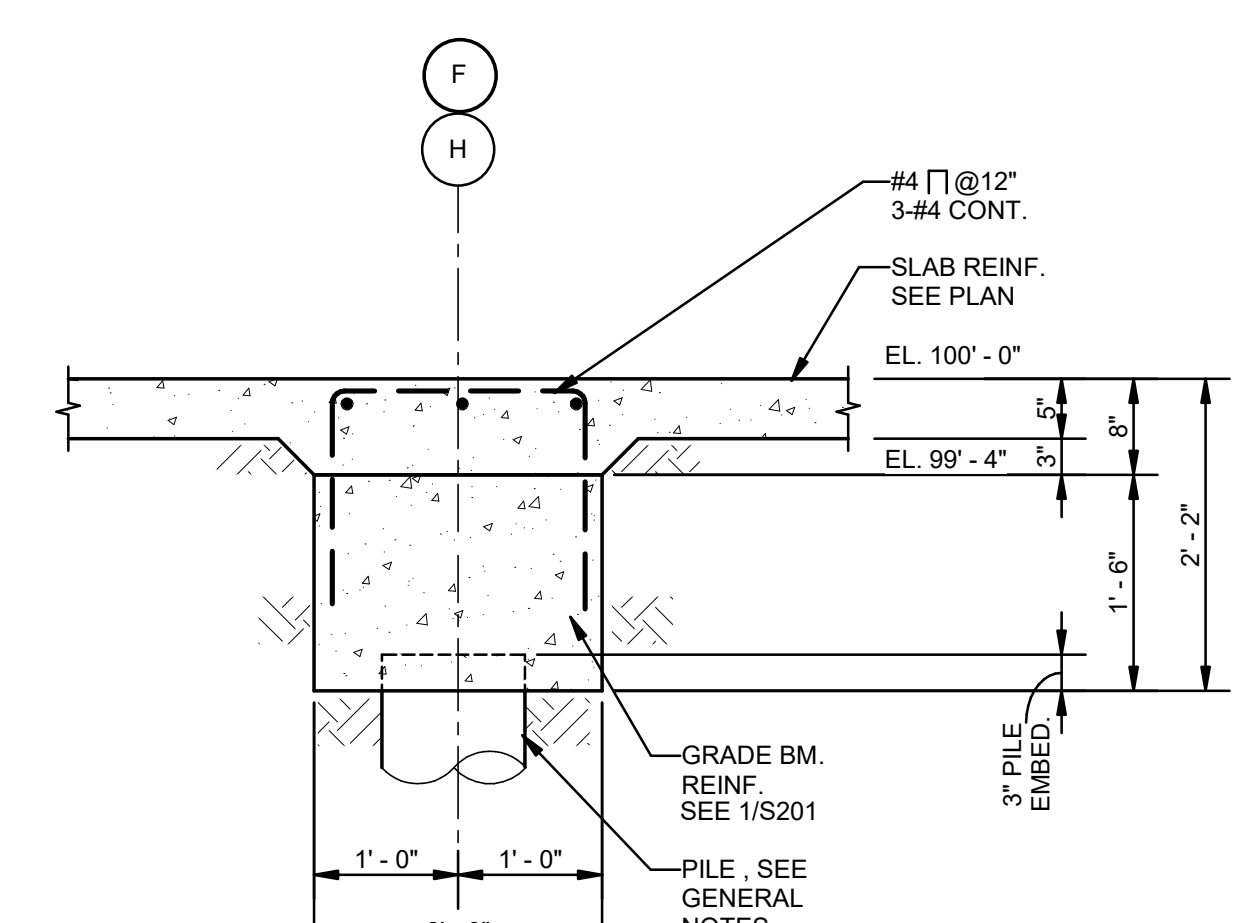
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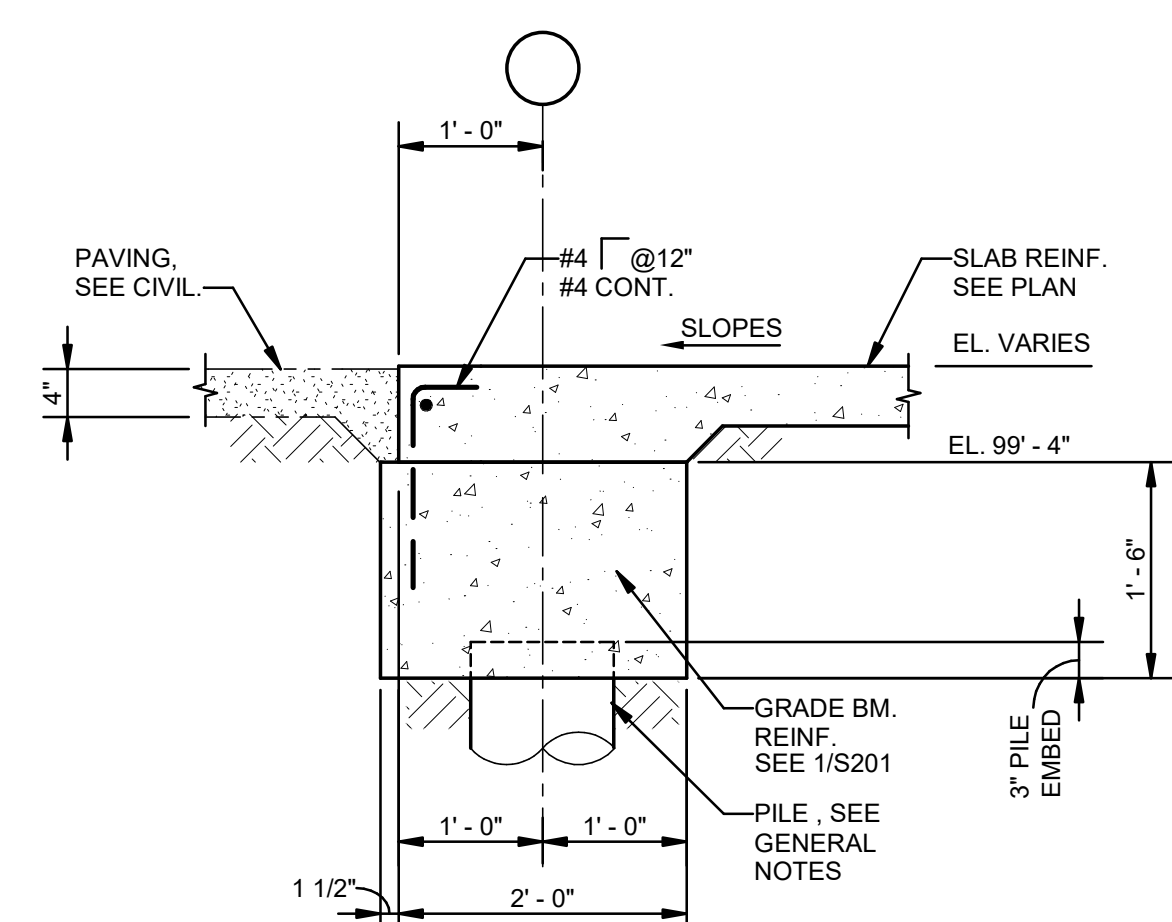
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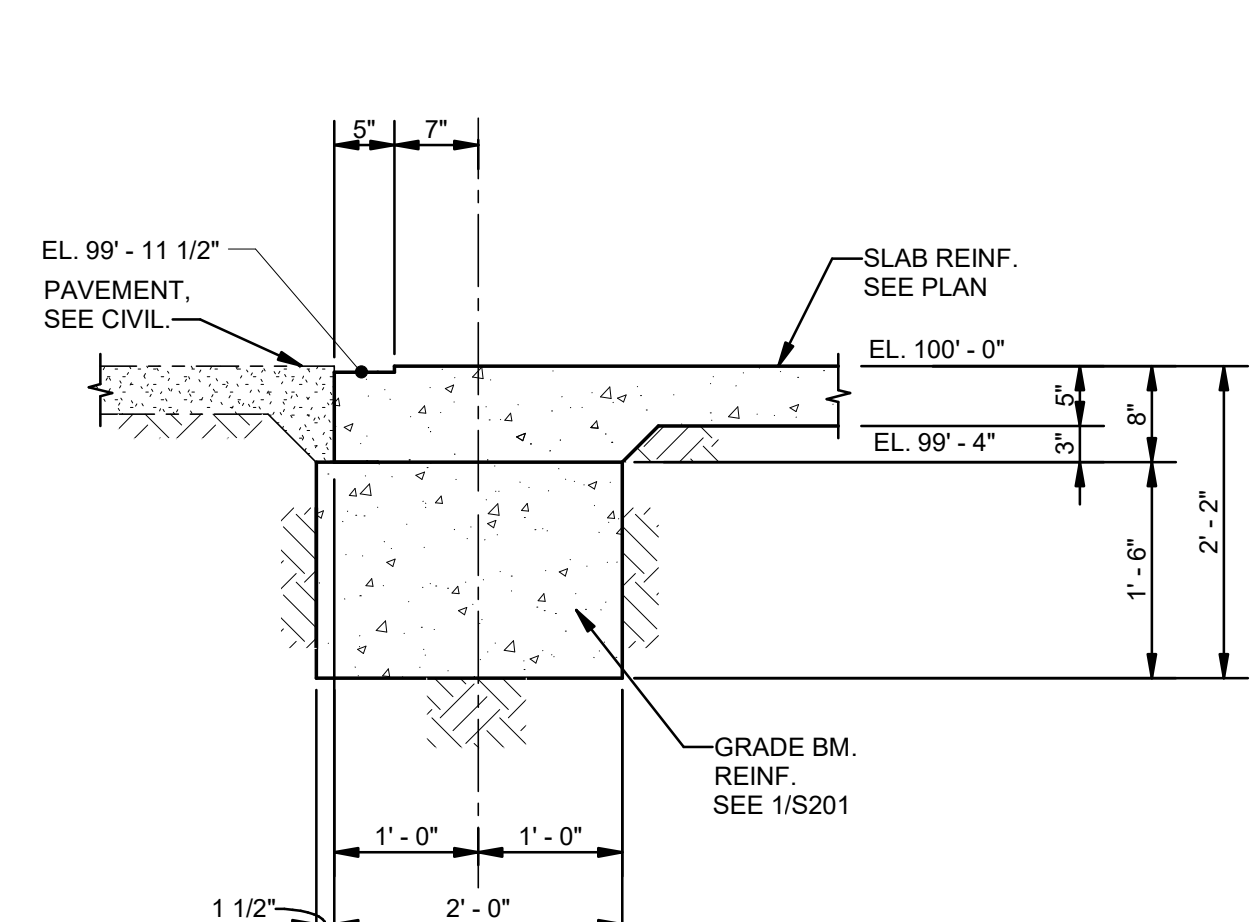
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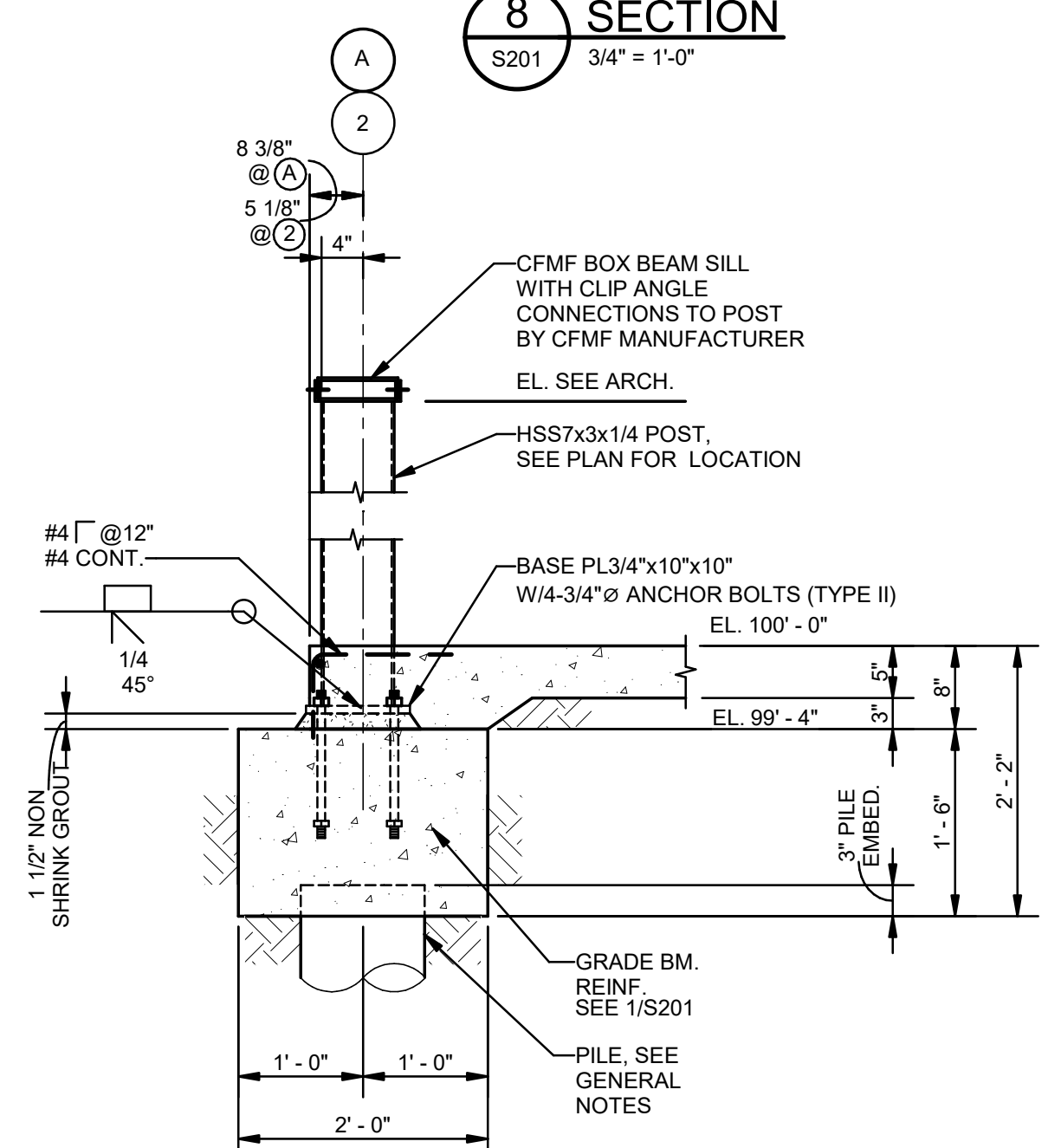
10 SECTION  
S201 3/4" = 1'-0"



11 SECTION  
S201 3/4" = 1'-0"



12 SECTION  
S201 3/4" = 1'-0"



13 SECTION  
S201 3/4" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

**Mathes Brierre** + **BM**  
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE  
A JOINT VENTURE

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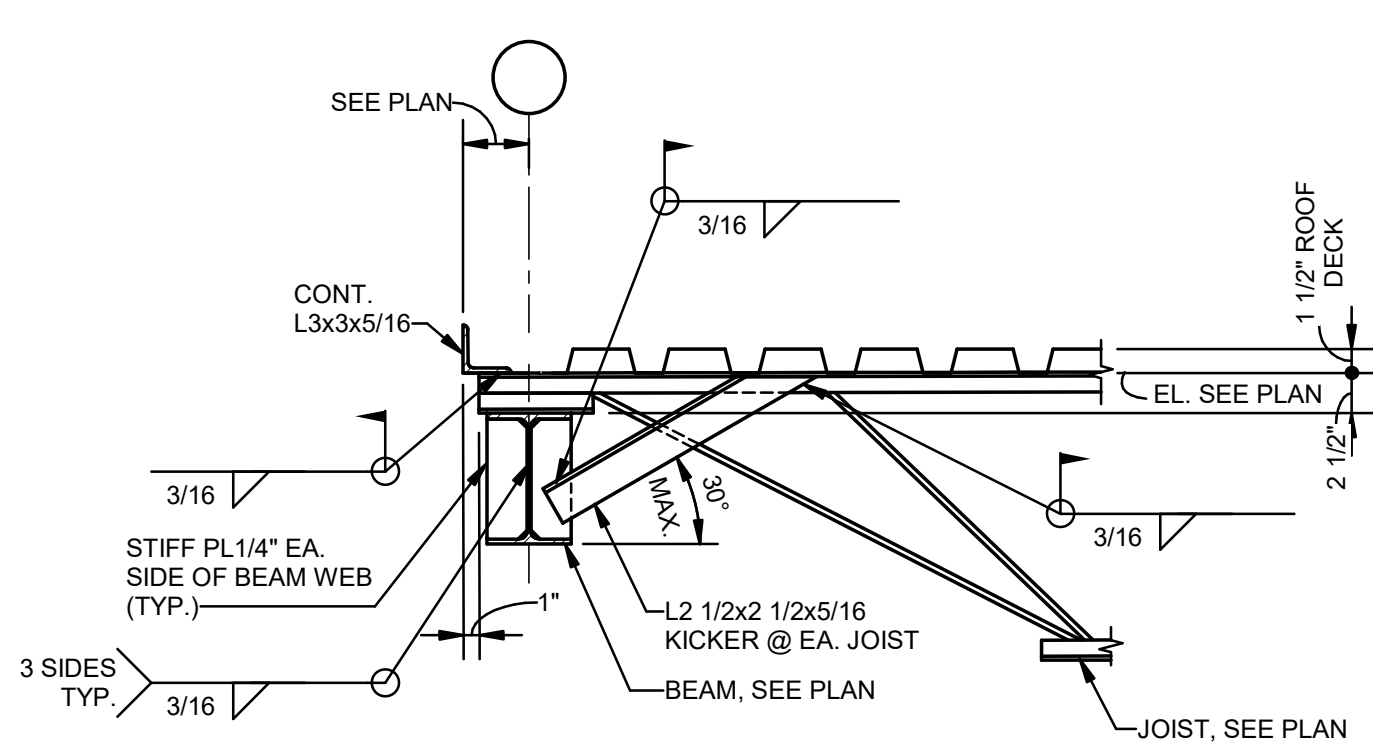
PROJECT TITLE

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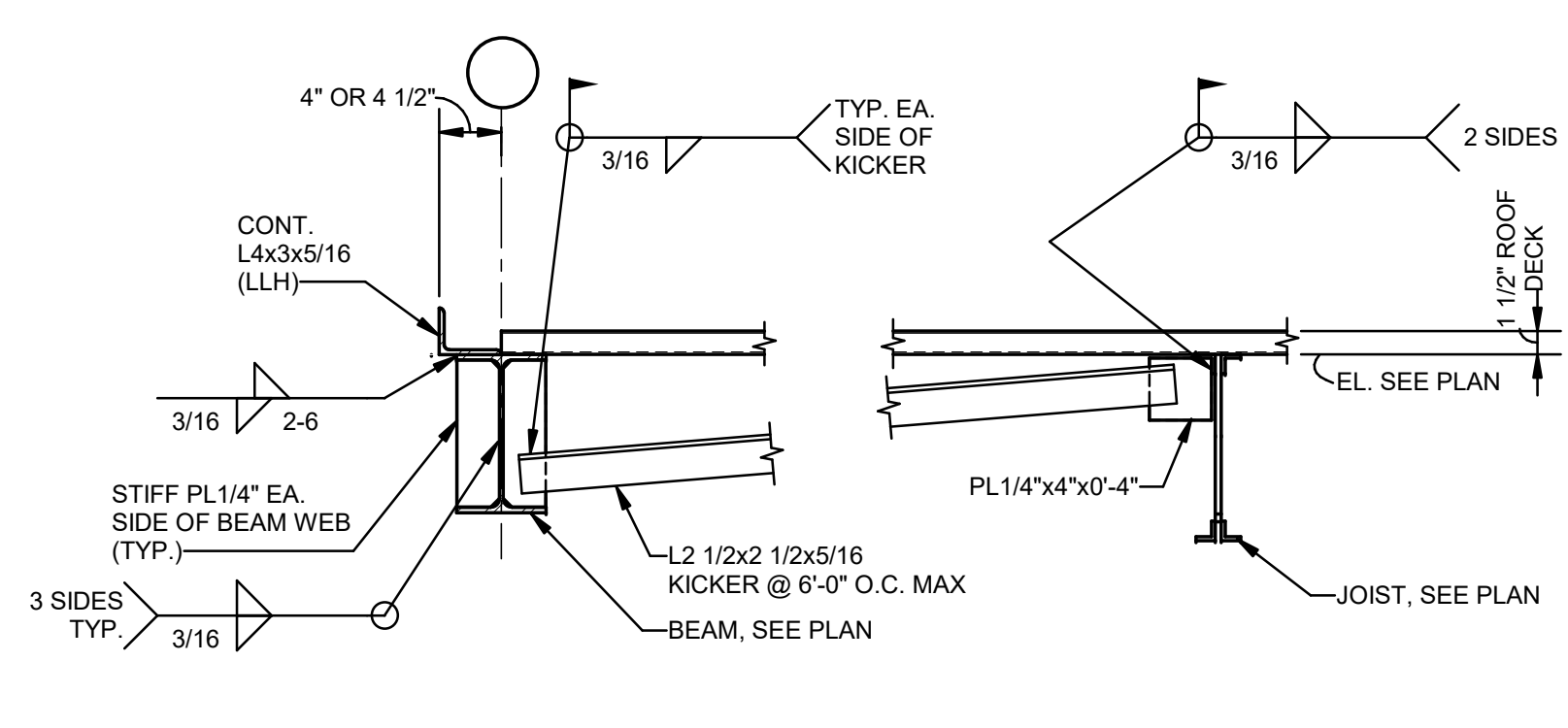
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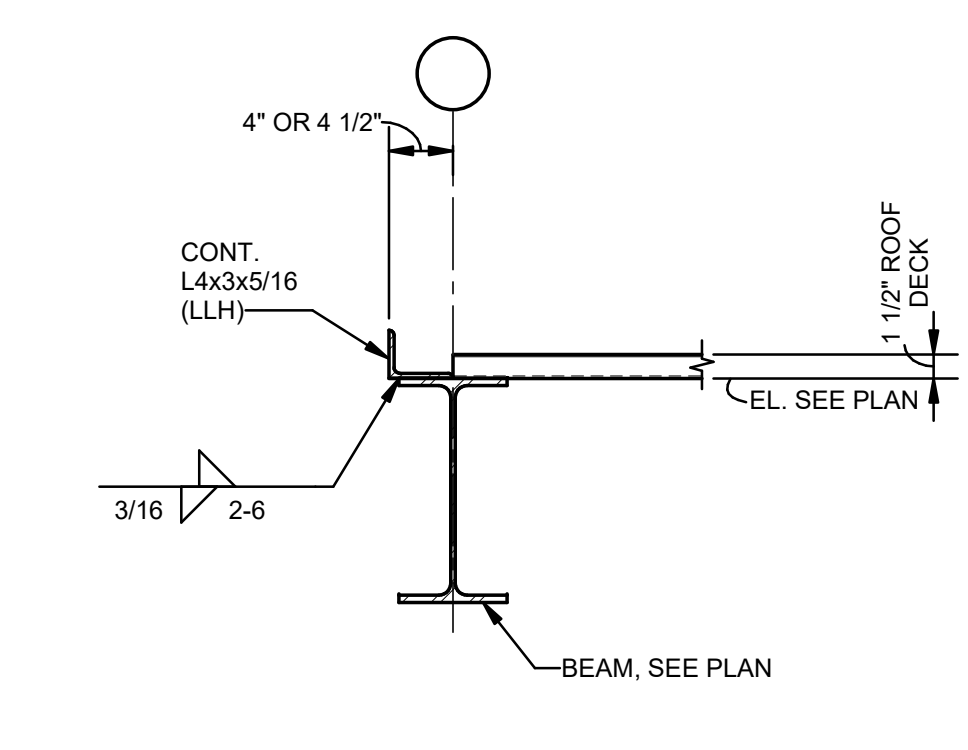
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DRAWN BY	HSB	DATE	12.20.21
SHEET TITLE			
SECTIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	S201
ABM - 201803			



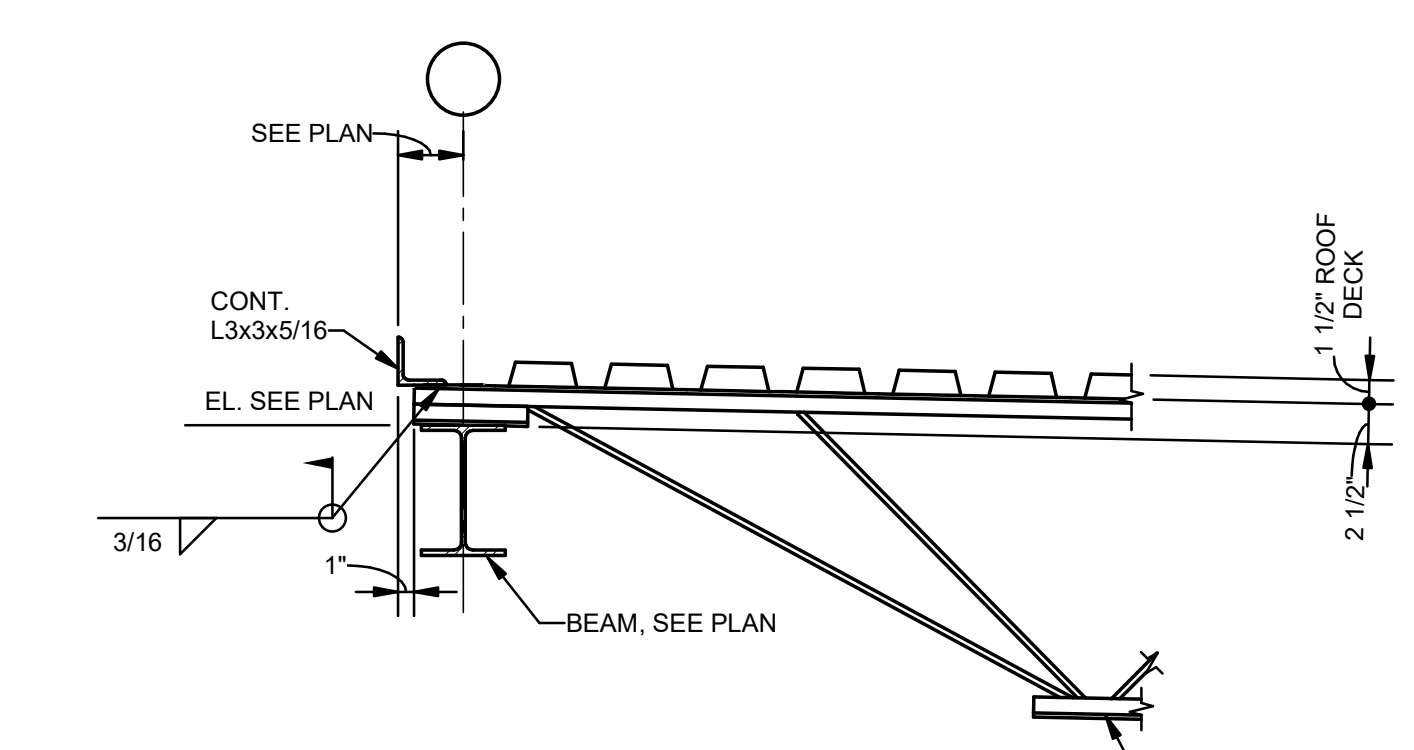
**1 SECTION**  
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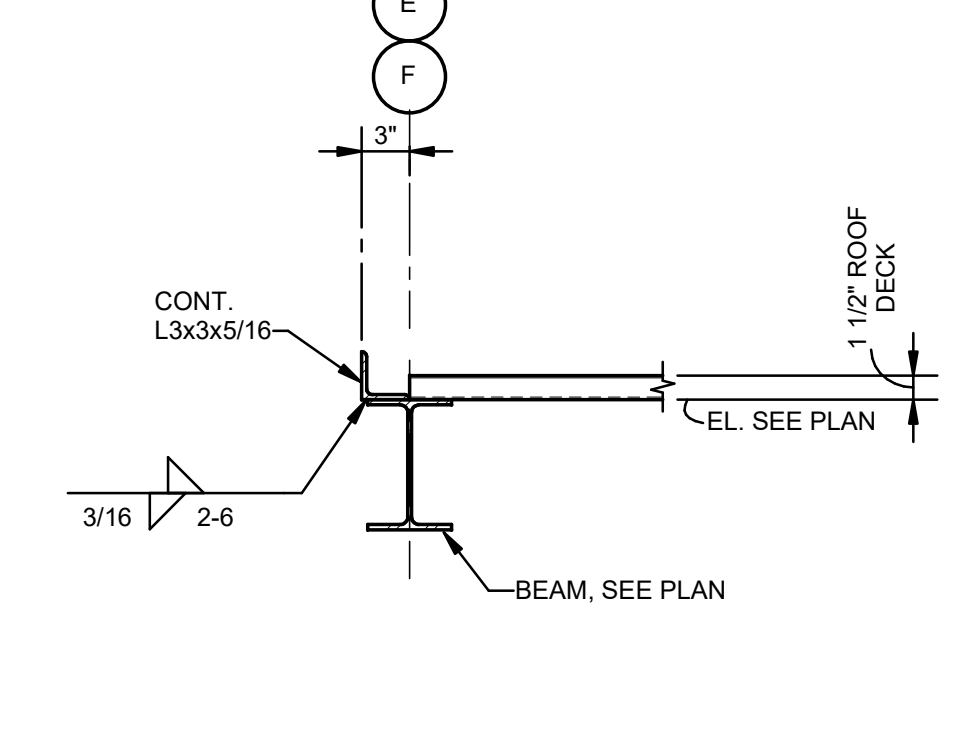
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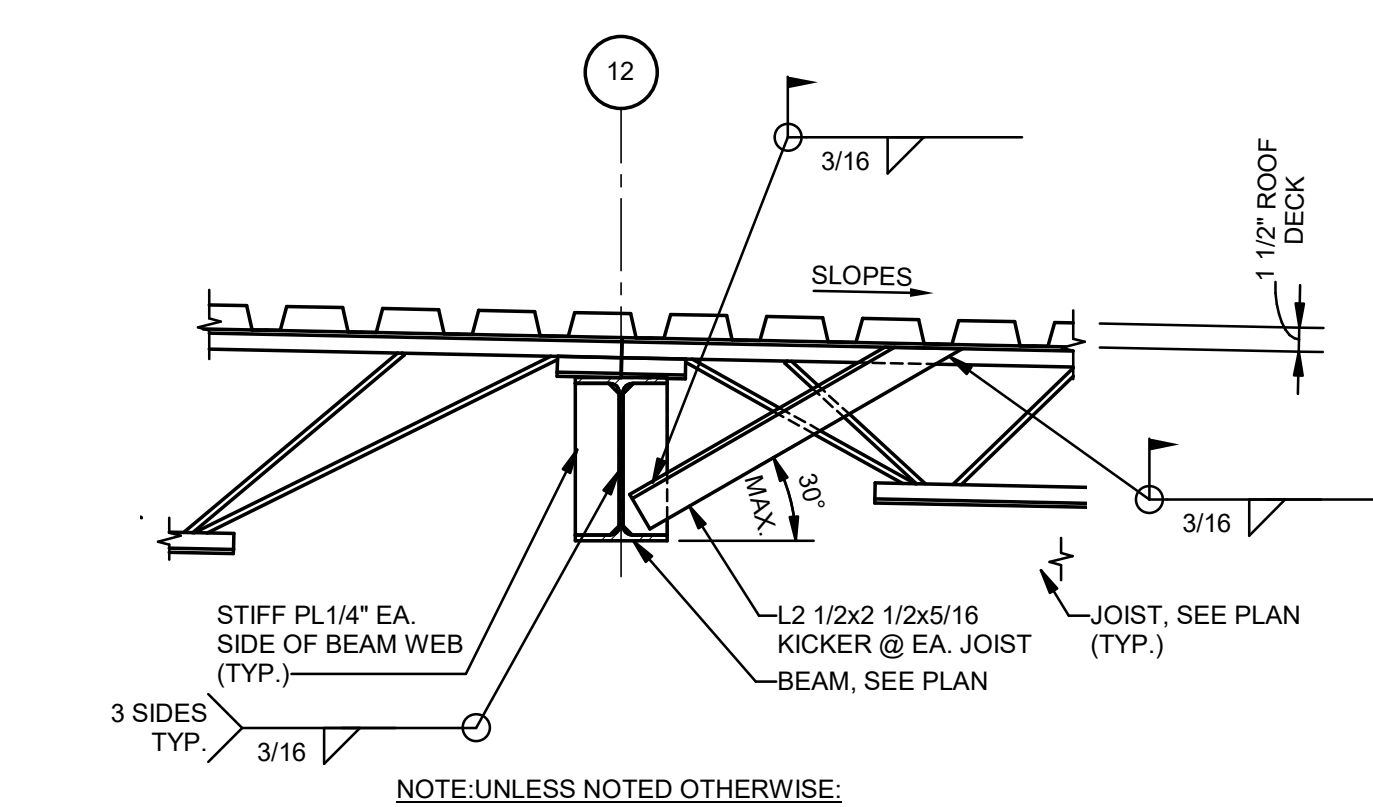
**3 SECTION**  
S301 1" = 1'-0"



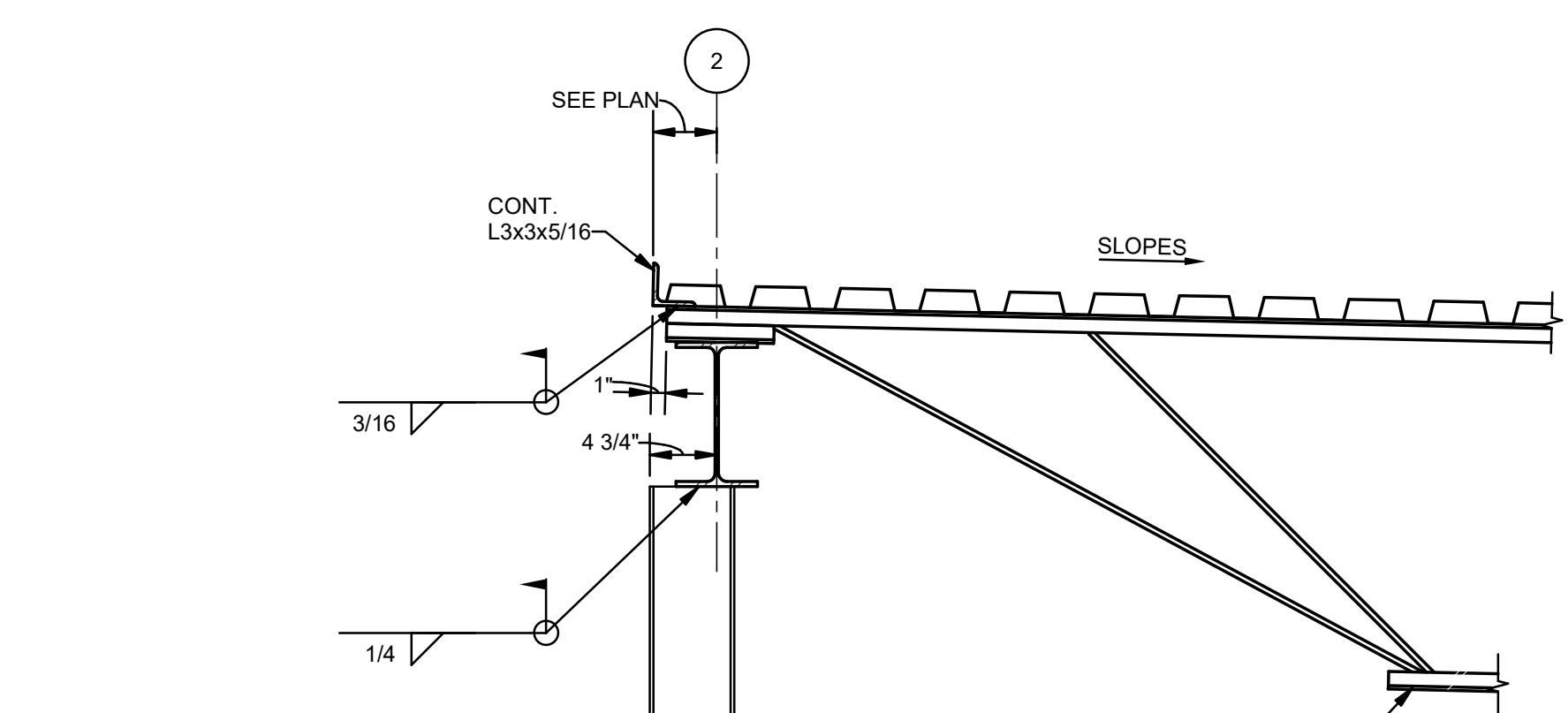
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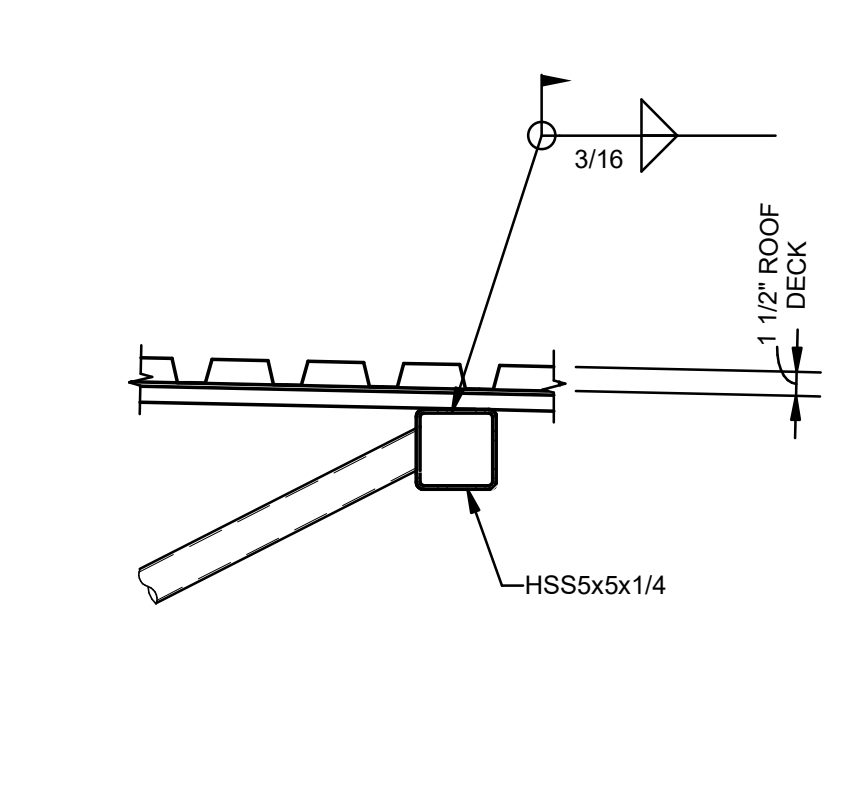
**5 SECTION**  
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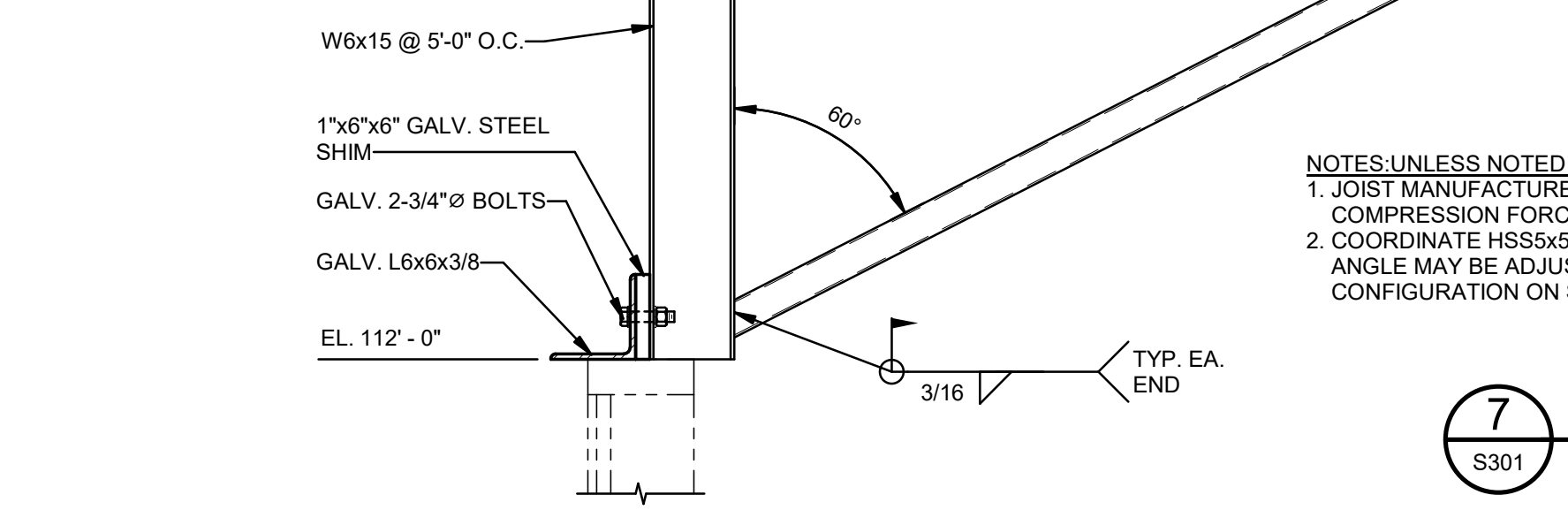
**6 SECTION**  
S301 1" = 1'-0"



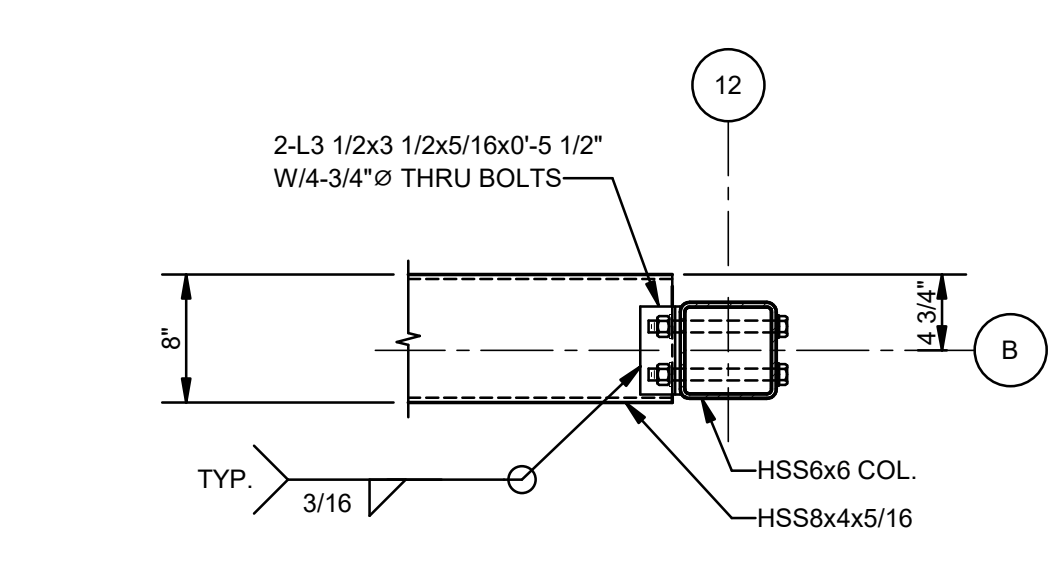
**7 SECTION**  
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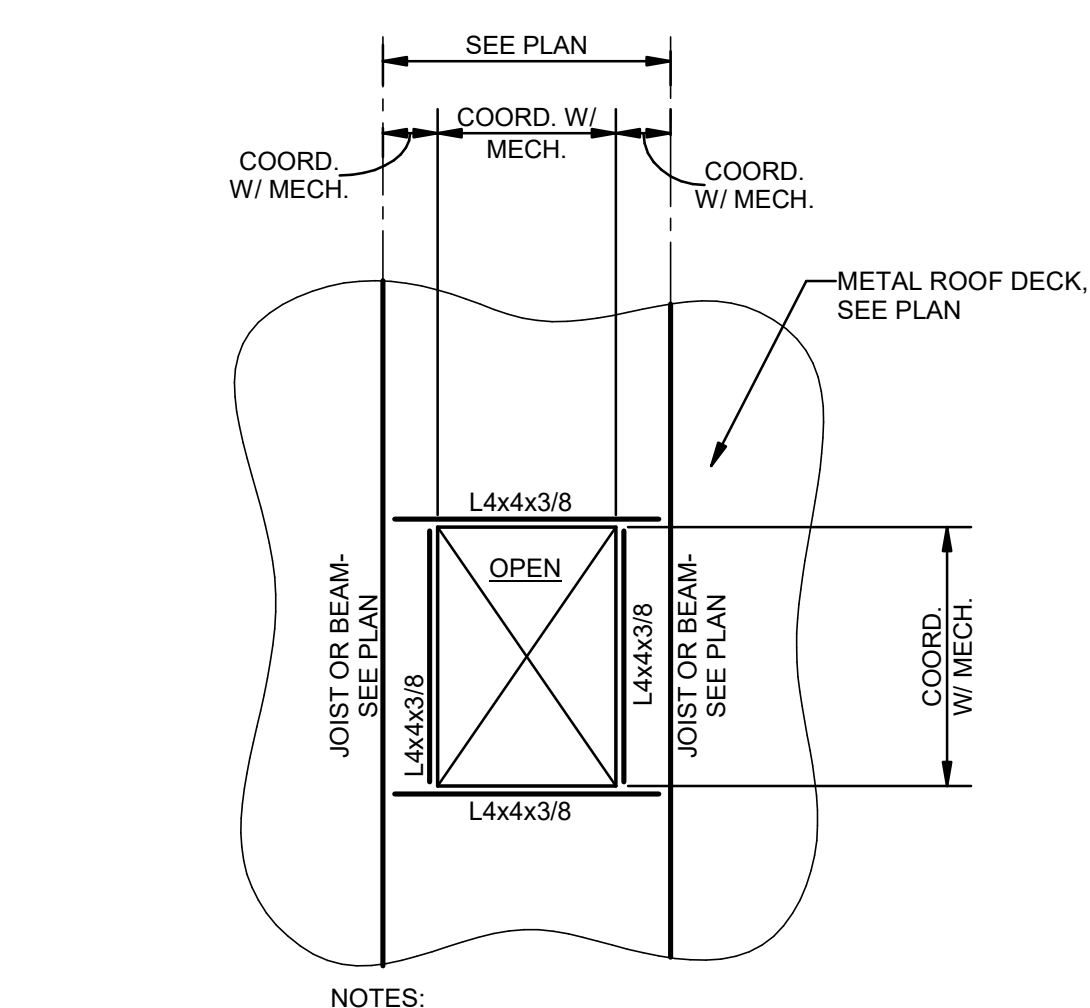
**8 SECTION**  
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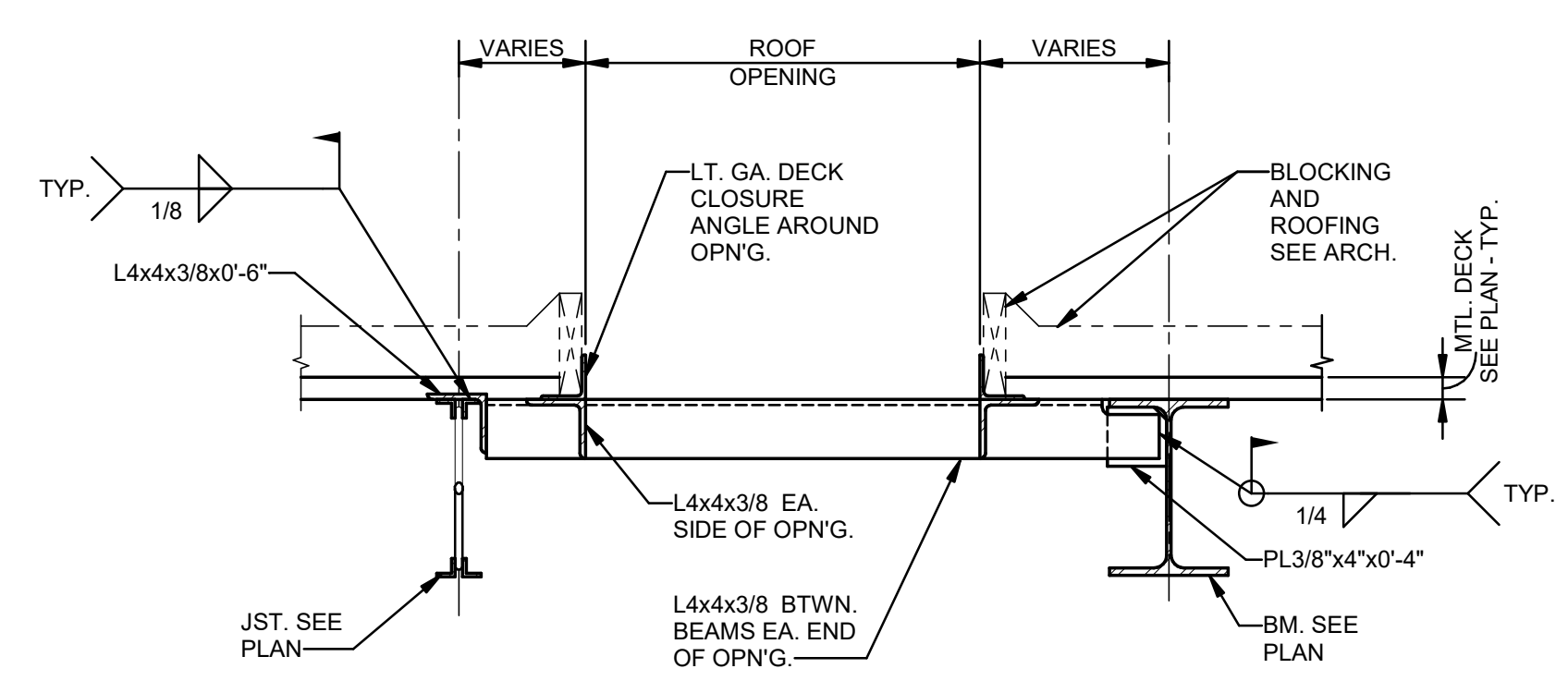
**9 SECTION**  
S301 1" = 1'-0"



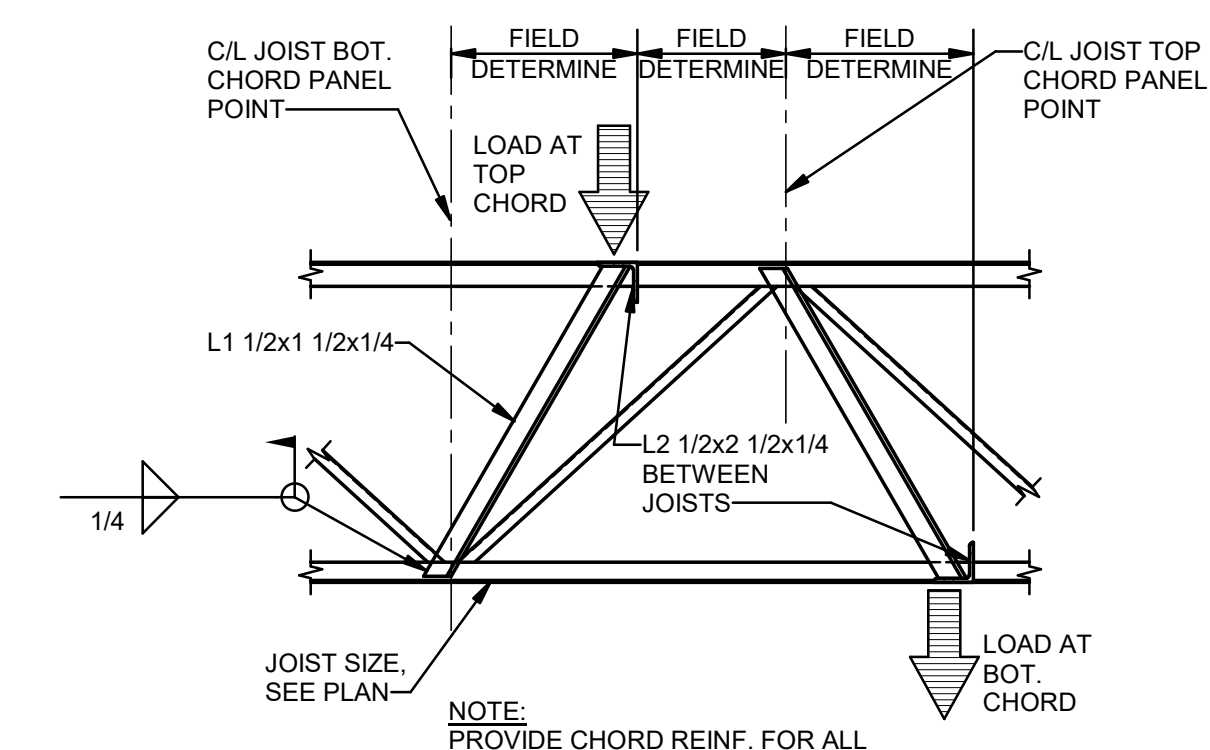
**9 PLAN DETAIL**  
S301 1" = 1'-0"



**10 PLAN DETAIL-TYP. SLAB OPENING**  
S301 1/4" = 1'-0"



**11 DETAIL-TYP. ROOF OPENING**  
S301 1" = 1'-0"



**12 DETAIL-TYPICAL JOIST REINF. AT CONCENTRATED LOAD**  
S301 1" = 1'-0"

NOTES-UNLESS NOTED OTHERWISE:  
1. JOIST MANUFACTURER TO ACCOUNT FOR 3.0 KIP TENSION OR COMPRESSION FORCE IN PIPE 2 STD.  
2. COORDINATE HSS5x5x1/4 LOCATION WITH JOIST WEB MEMBERS. 60° ANGLE MAY BE ADJUSTED SLIGHTLY TO AVOID CONFLICTS. SHOW FINAL CONFIGURATION ON SHOP DRAWINGS.

NOTES:  
1. COORDINATE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL.  
2. ANY OPENINGS WHICH CANNOT BE FRAMED AS SHOWN SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR REVIEW.

NOTE:  
FRAME OUT ALL OPENINGS LARGER THAN 1'-0" AS THUS.

NOTE:  
PROVIDE CHORD REINF. FOR ALL CONCENTRATED LOADS GREATER THAN 50LBS LOCATED MORE THAN 6" FROM C/L PANEL POINT.

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

**Mathes Brierre** ARCHITECTS  
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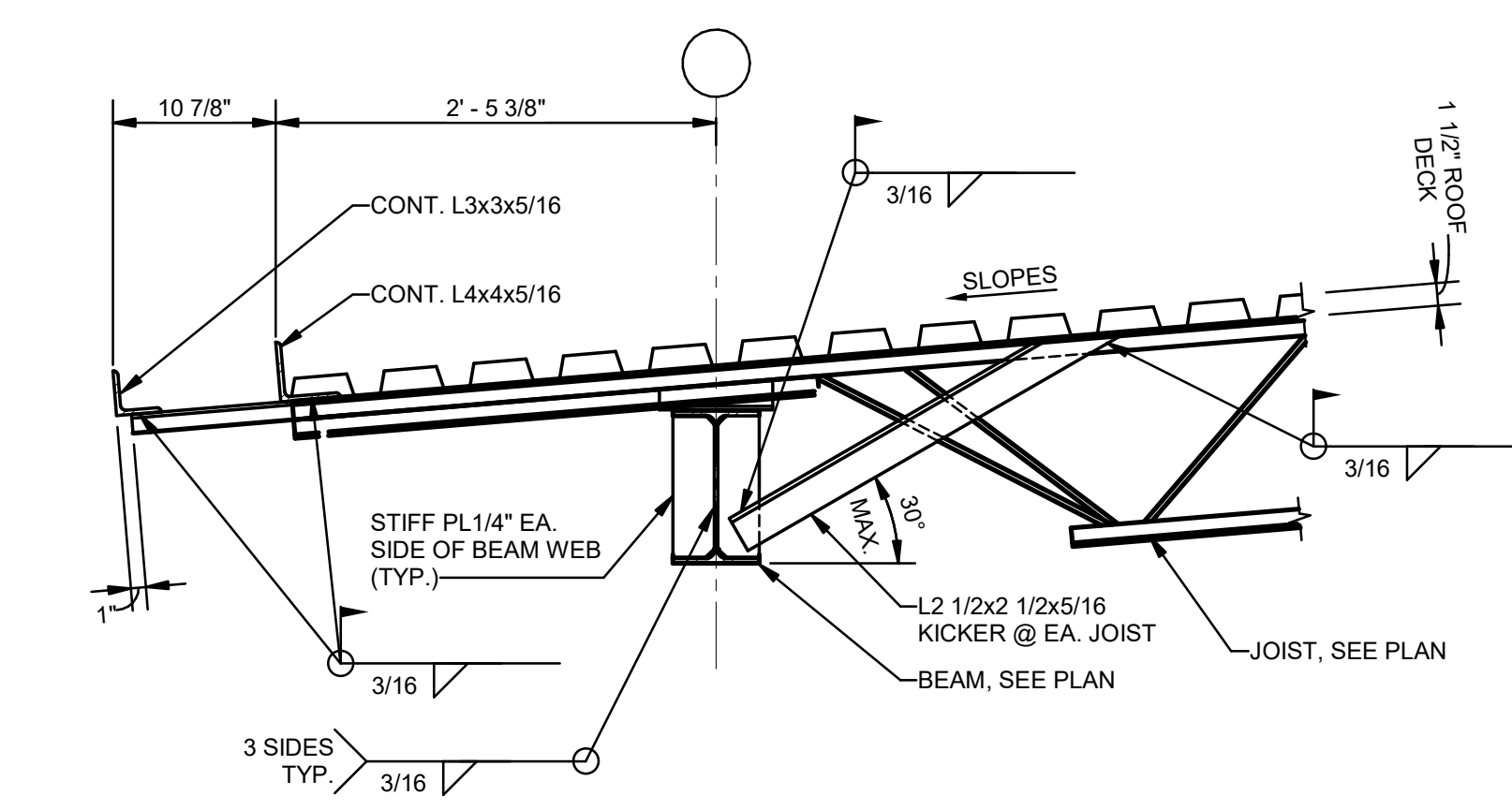
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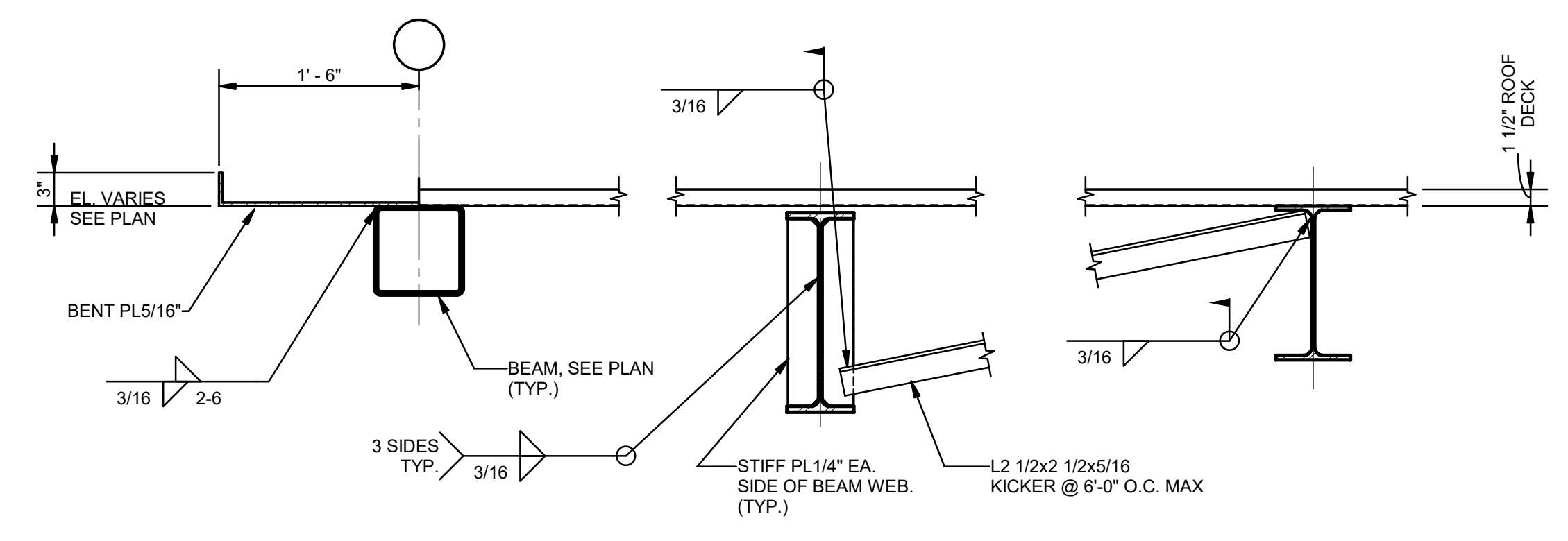
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DRAWN BY	HSB	DATE	12.20.21
SHEET TITLE			
SECTIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	S301
	ABM - 201803		

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(504)488-1317  
JOB NO. 19192

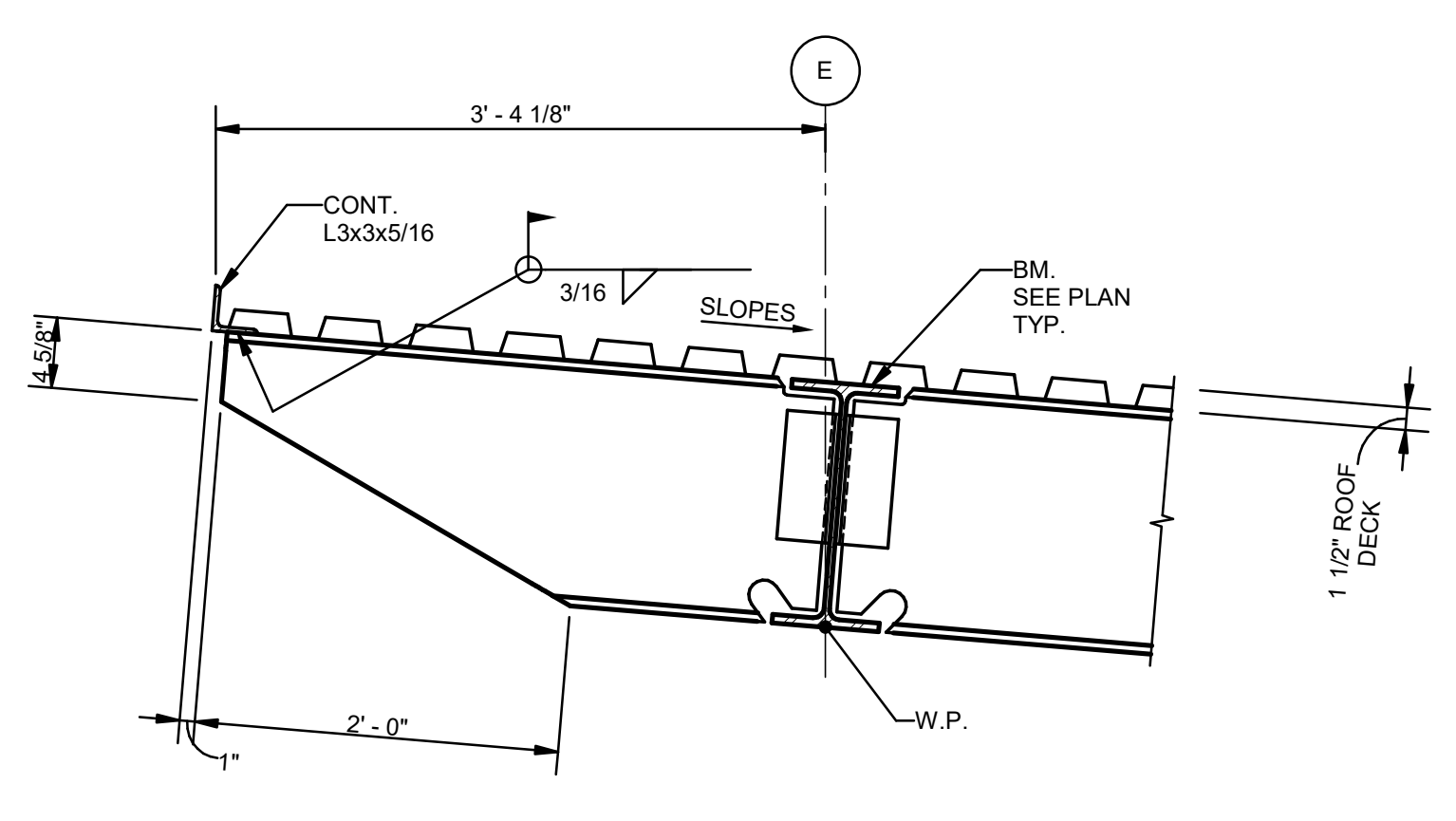




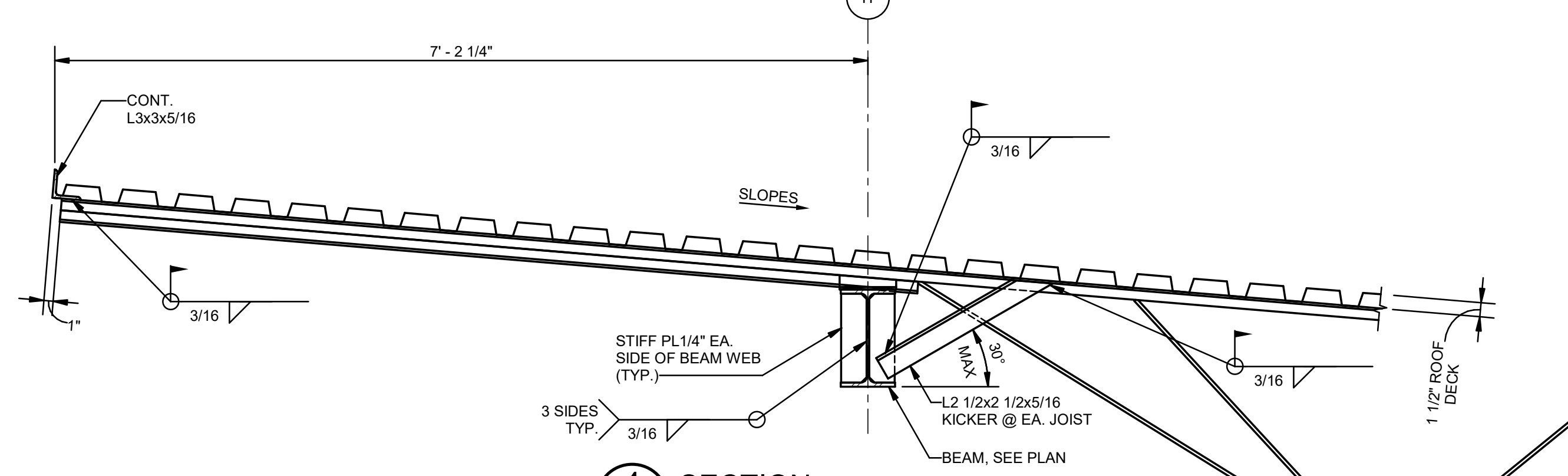
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S302 1" = 1'-0"



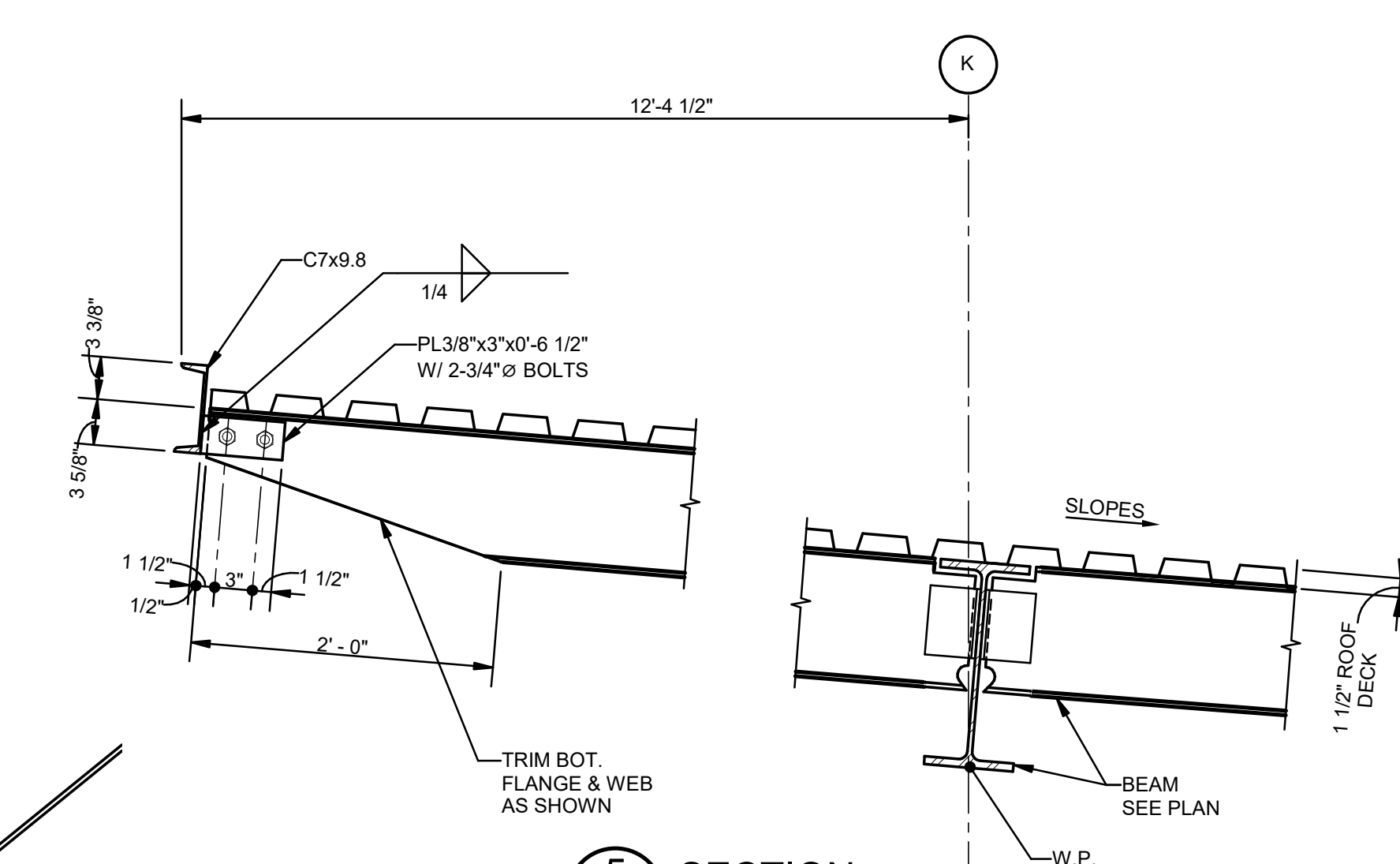
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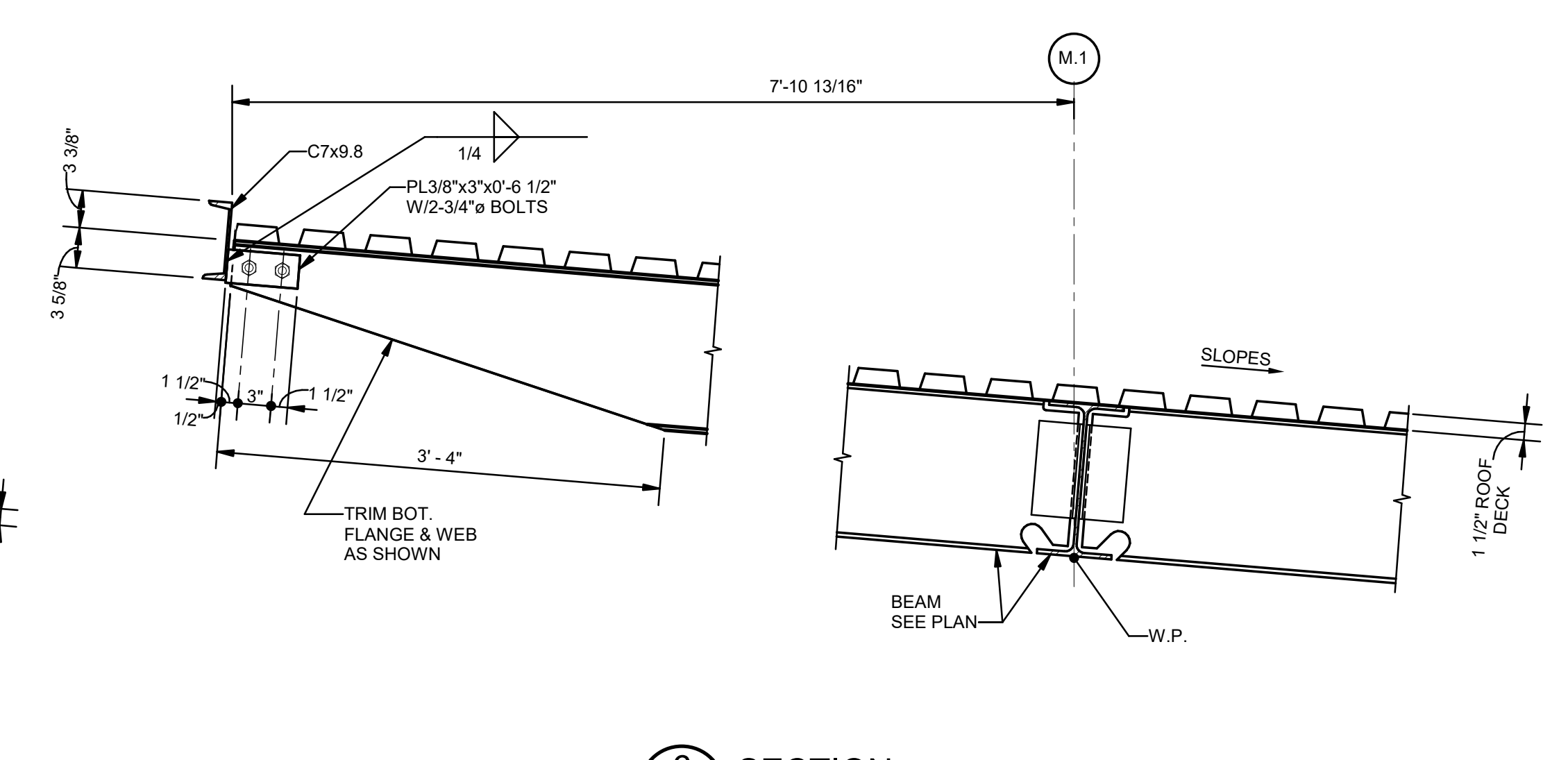
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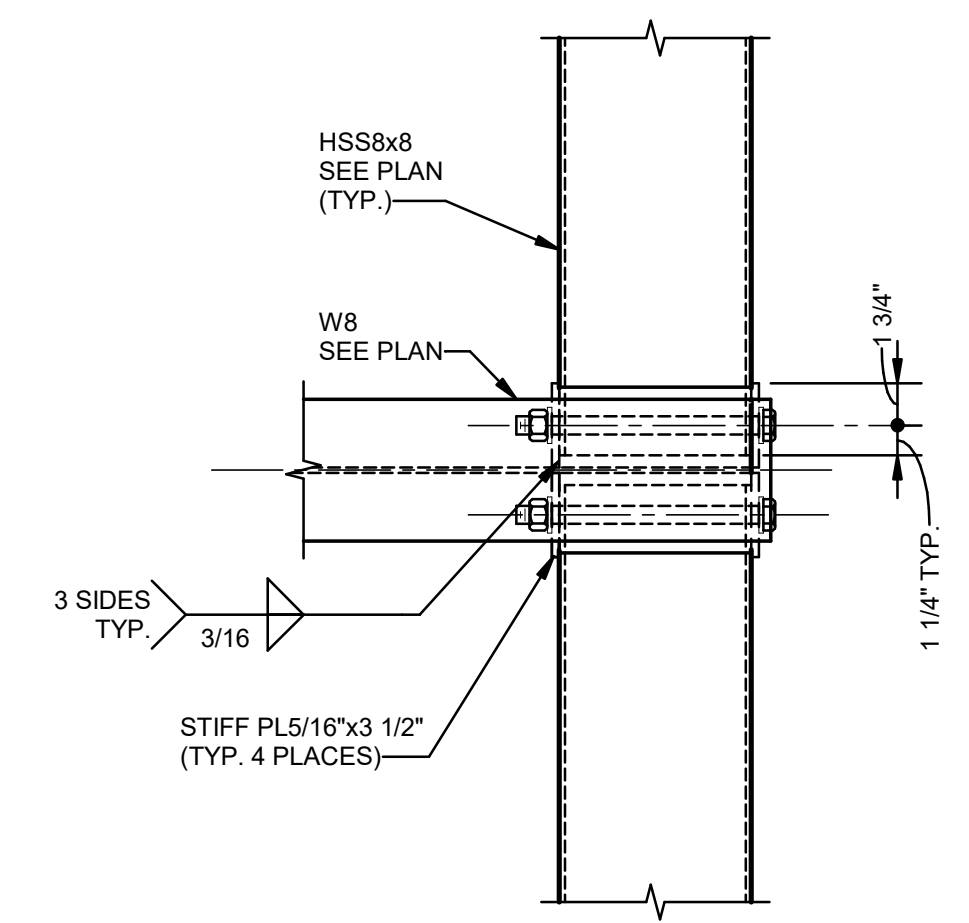
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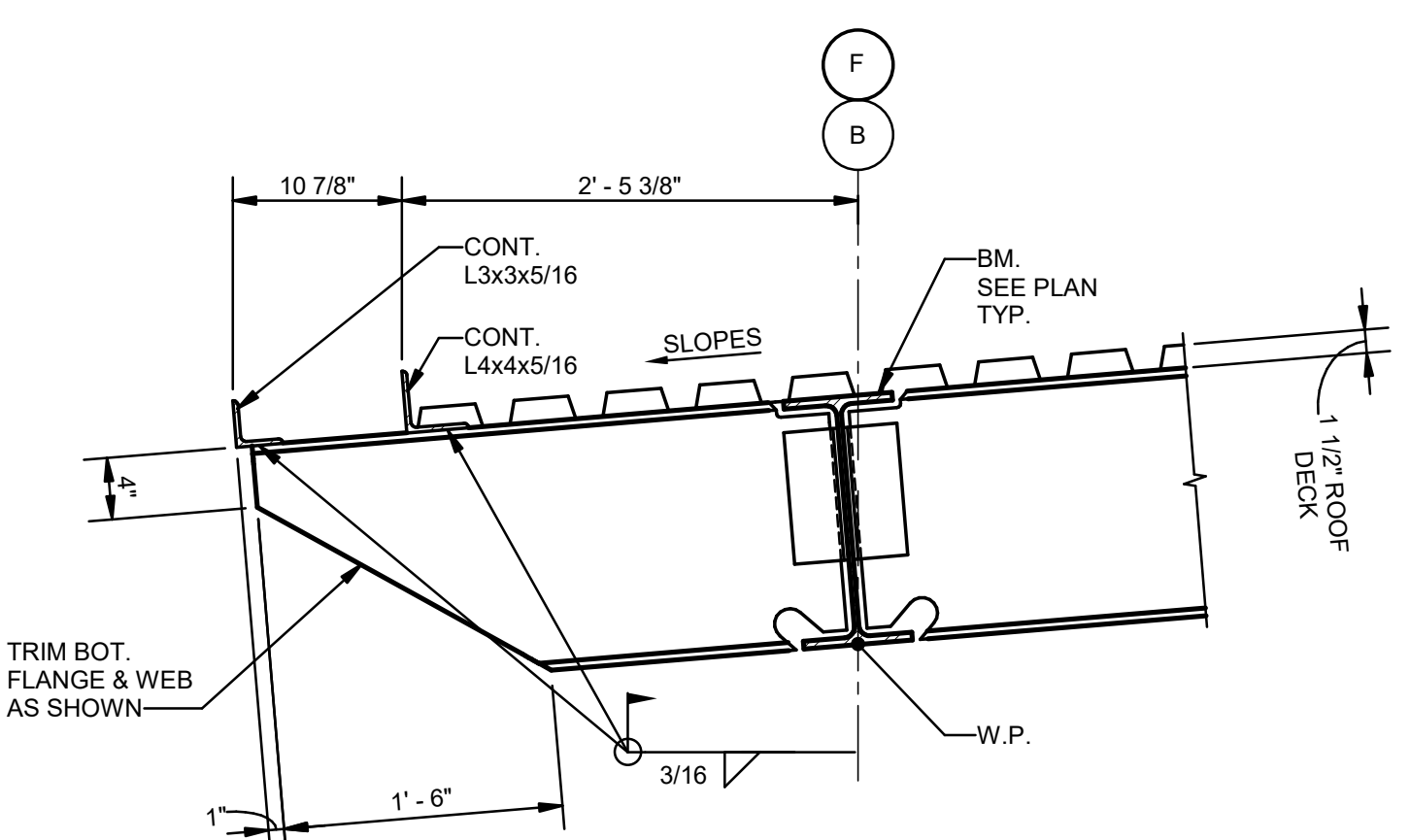
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S302 1" = 1'-0"



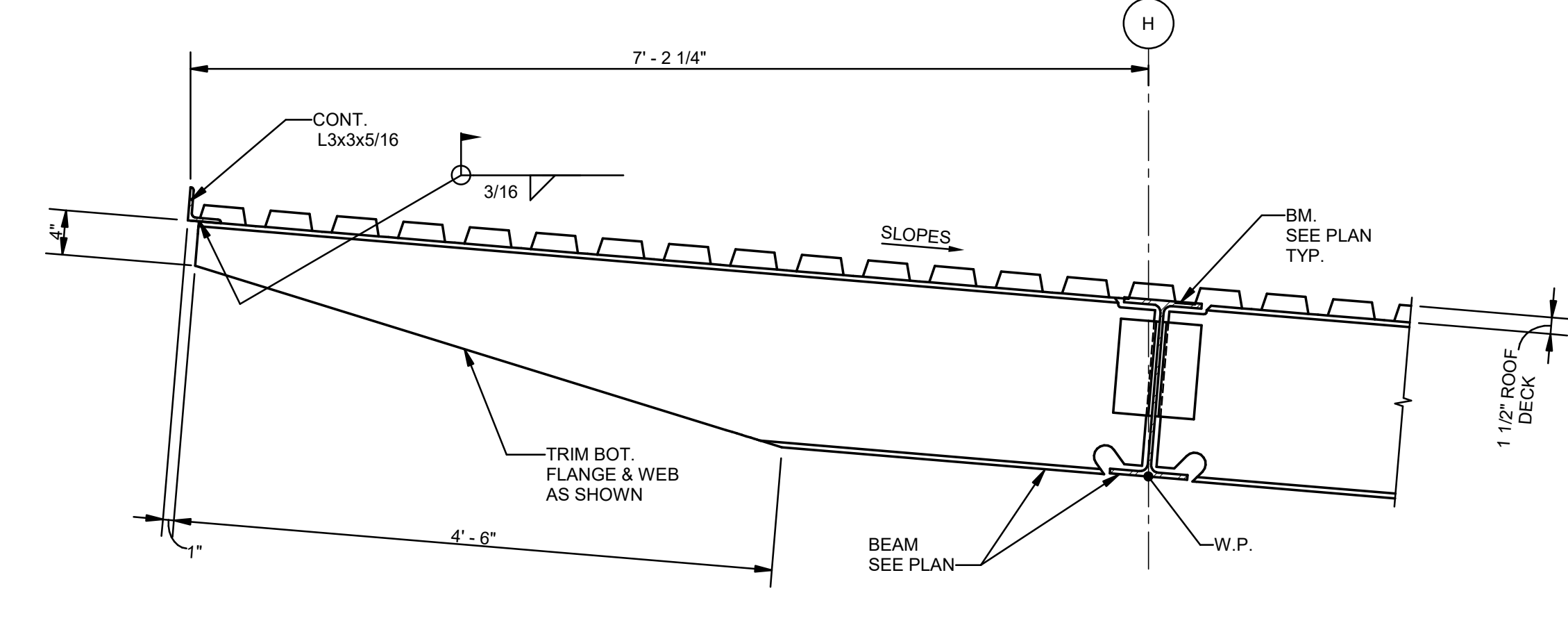
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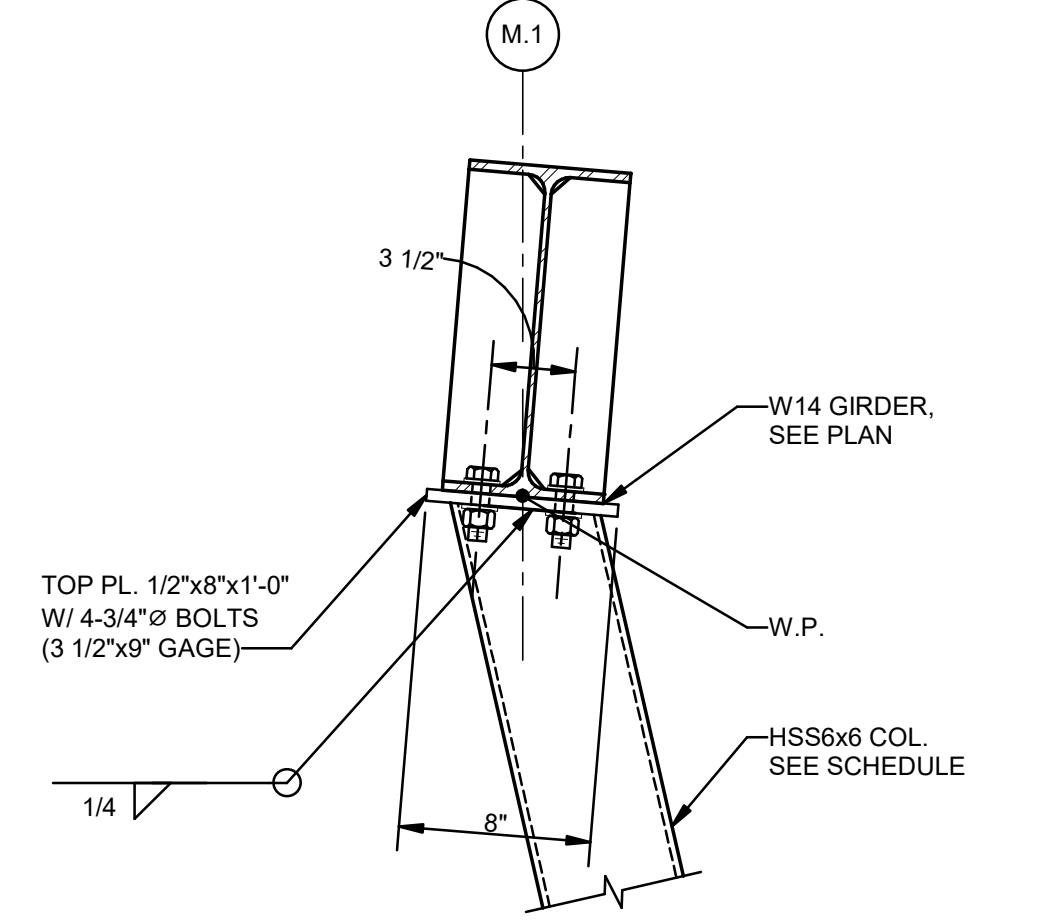
7 PLAN DETAIL  
S302 1 1/2" = 1'-0"



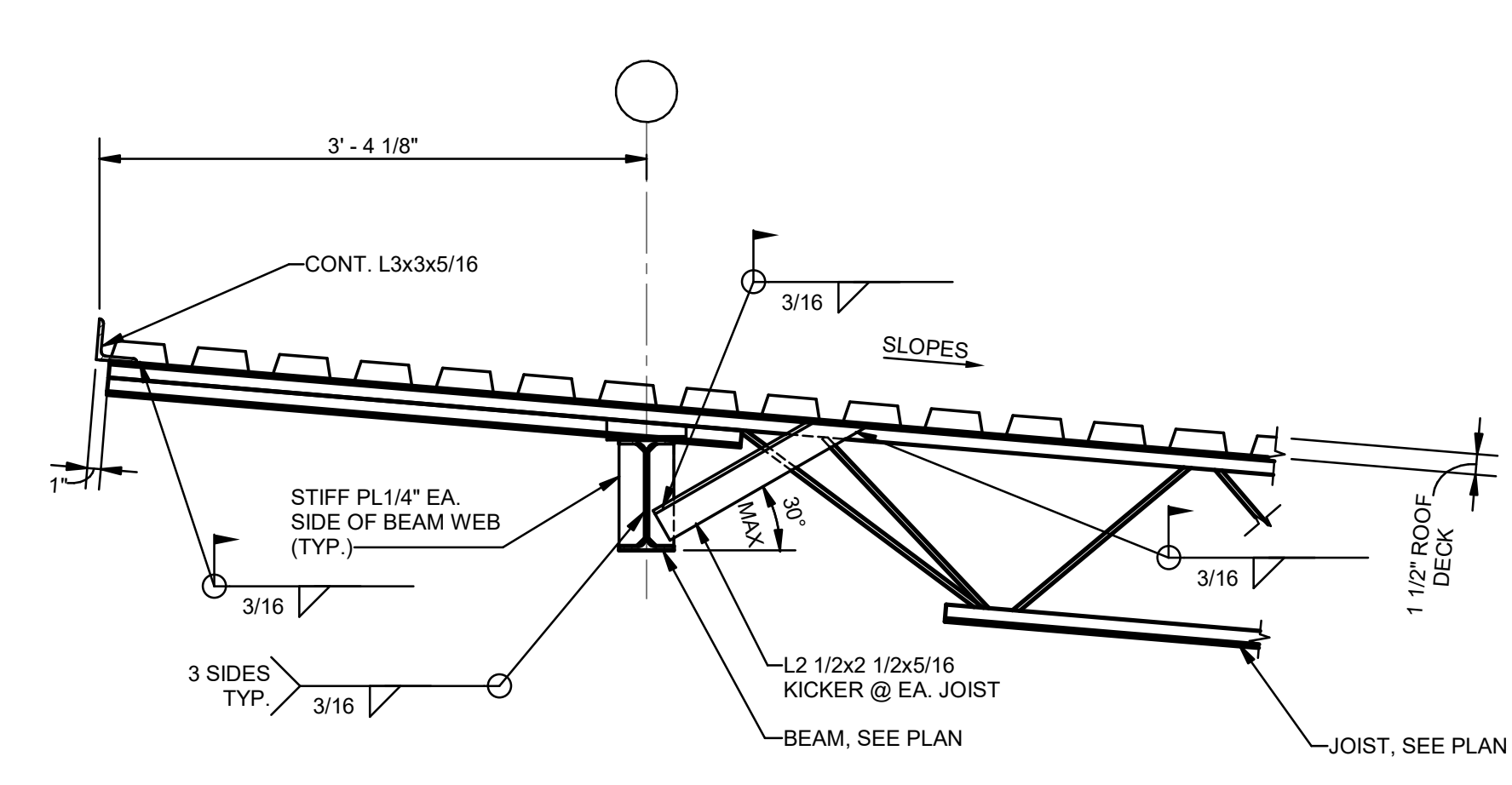
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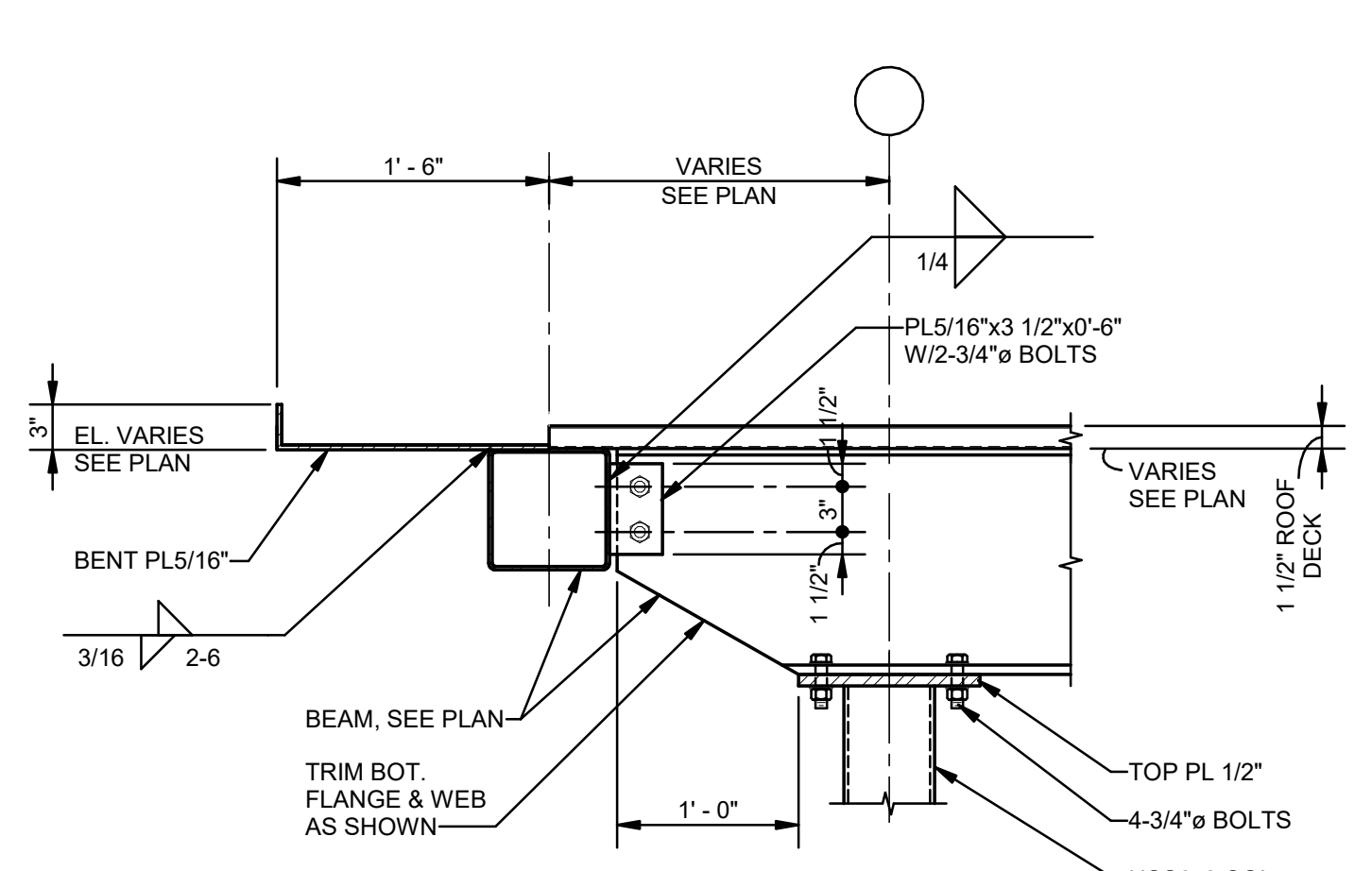
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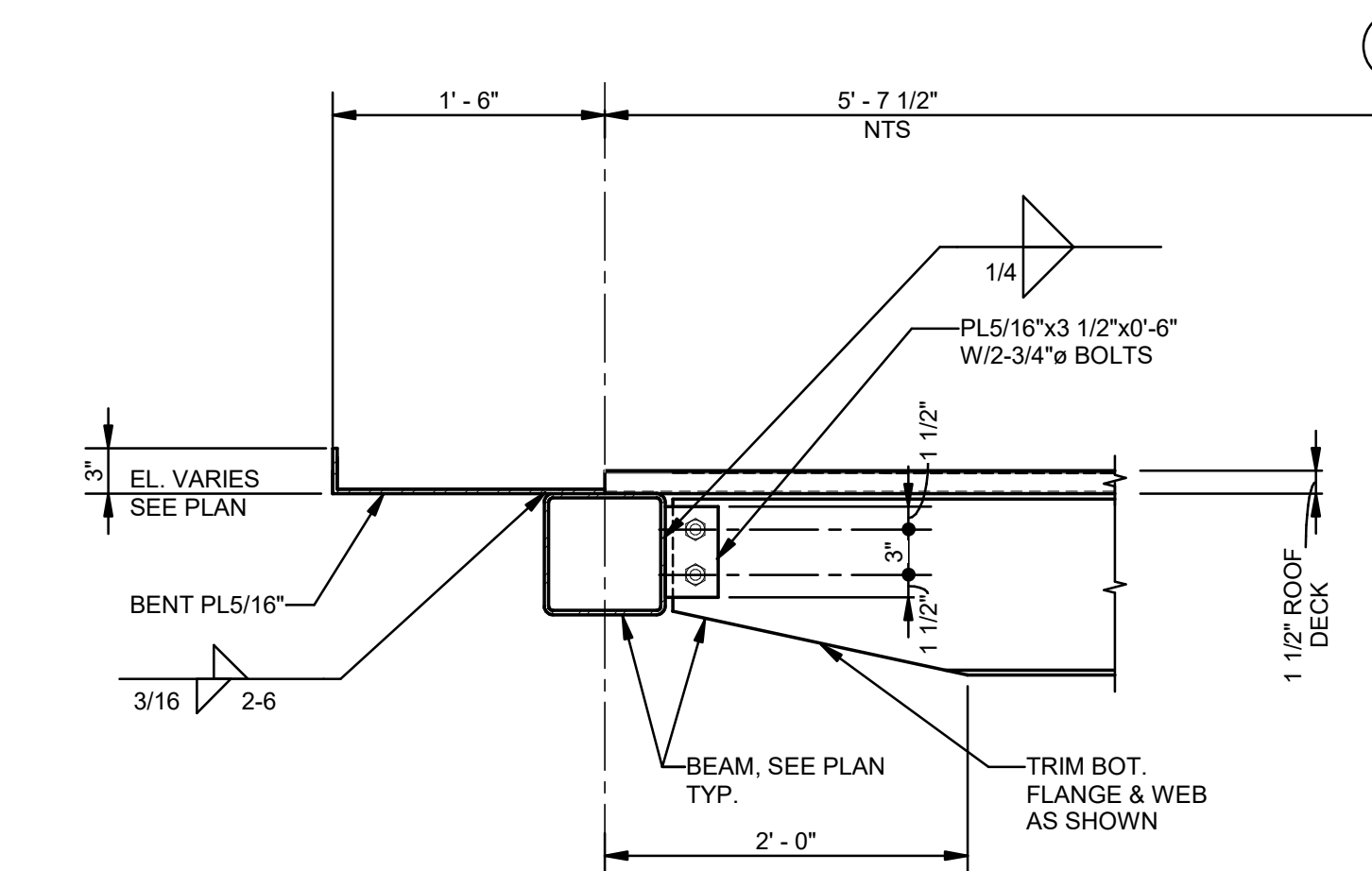
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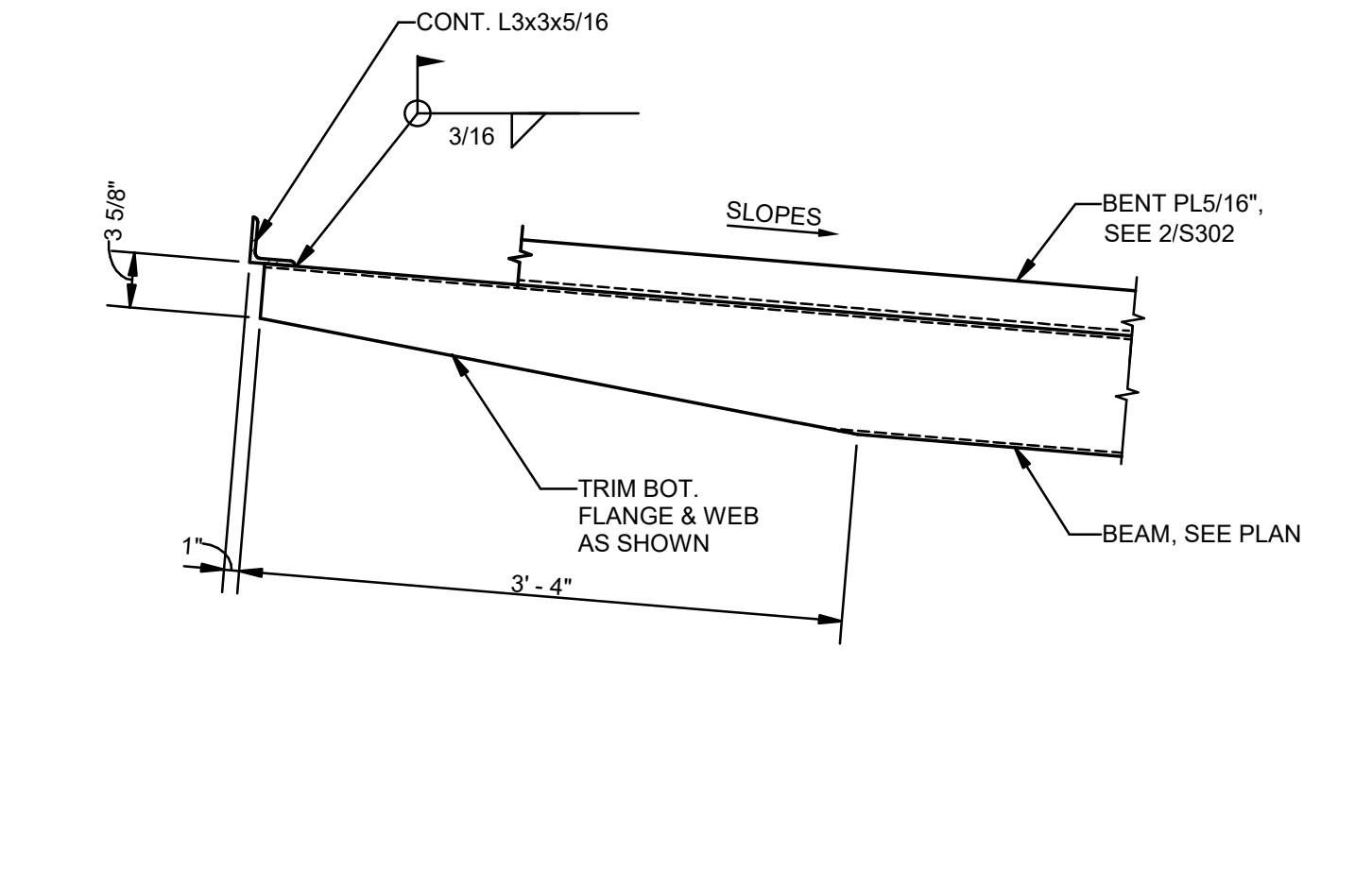
11 SECTION  
S302 1" = 1'-0"



12 SECTION  
S302 1" = 1'-0"



13 SECTION  
S302 1" = 1'-0"



14 SECTION  
S302 1" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

**Mathes Brierre + ARCHITECTS** **ARCHITECTS BEAZLEY MOLIÈRE**  
A JOINT VENTURE

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337.233.0614

PROJECT TITLE

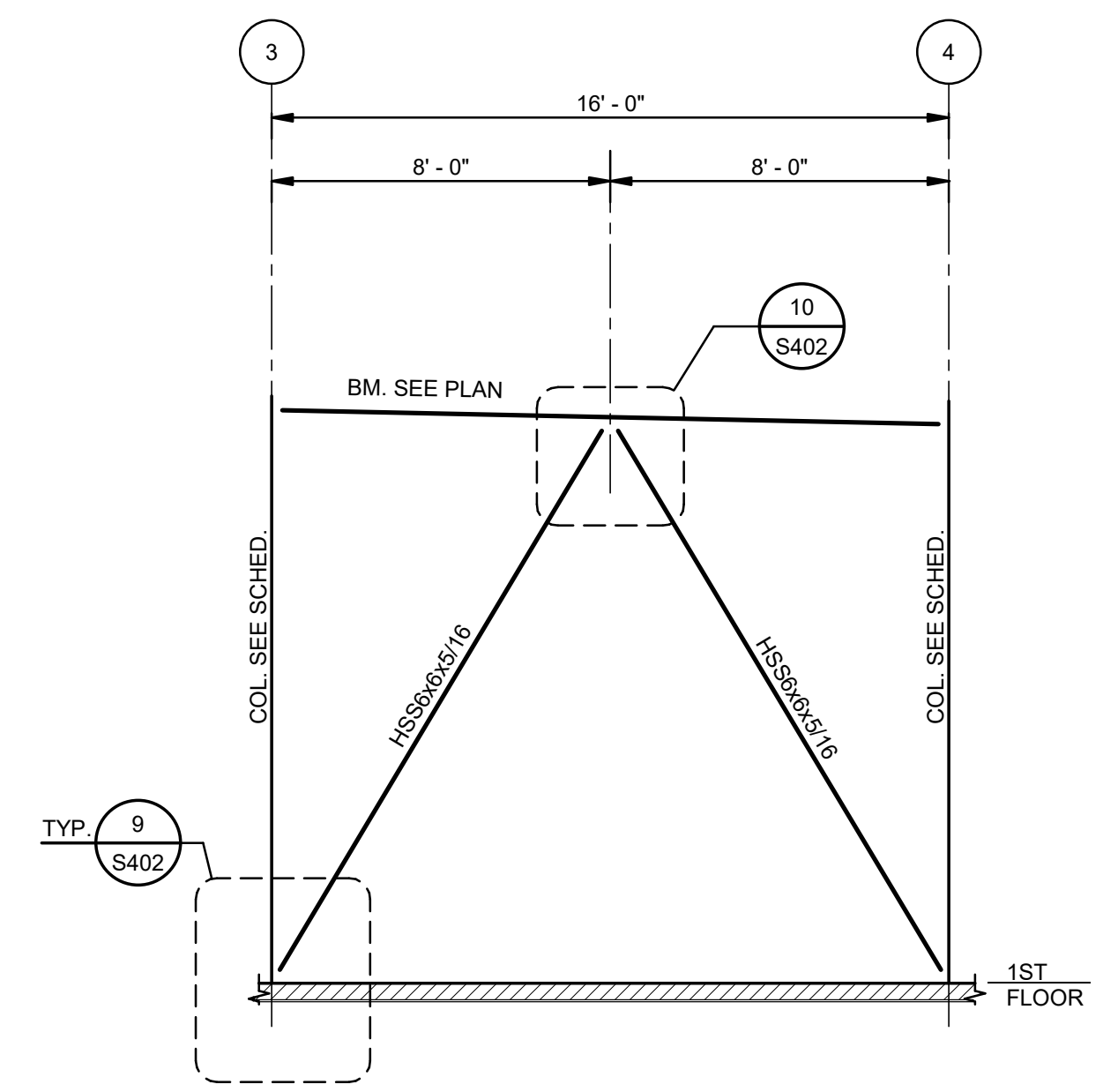
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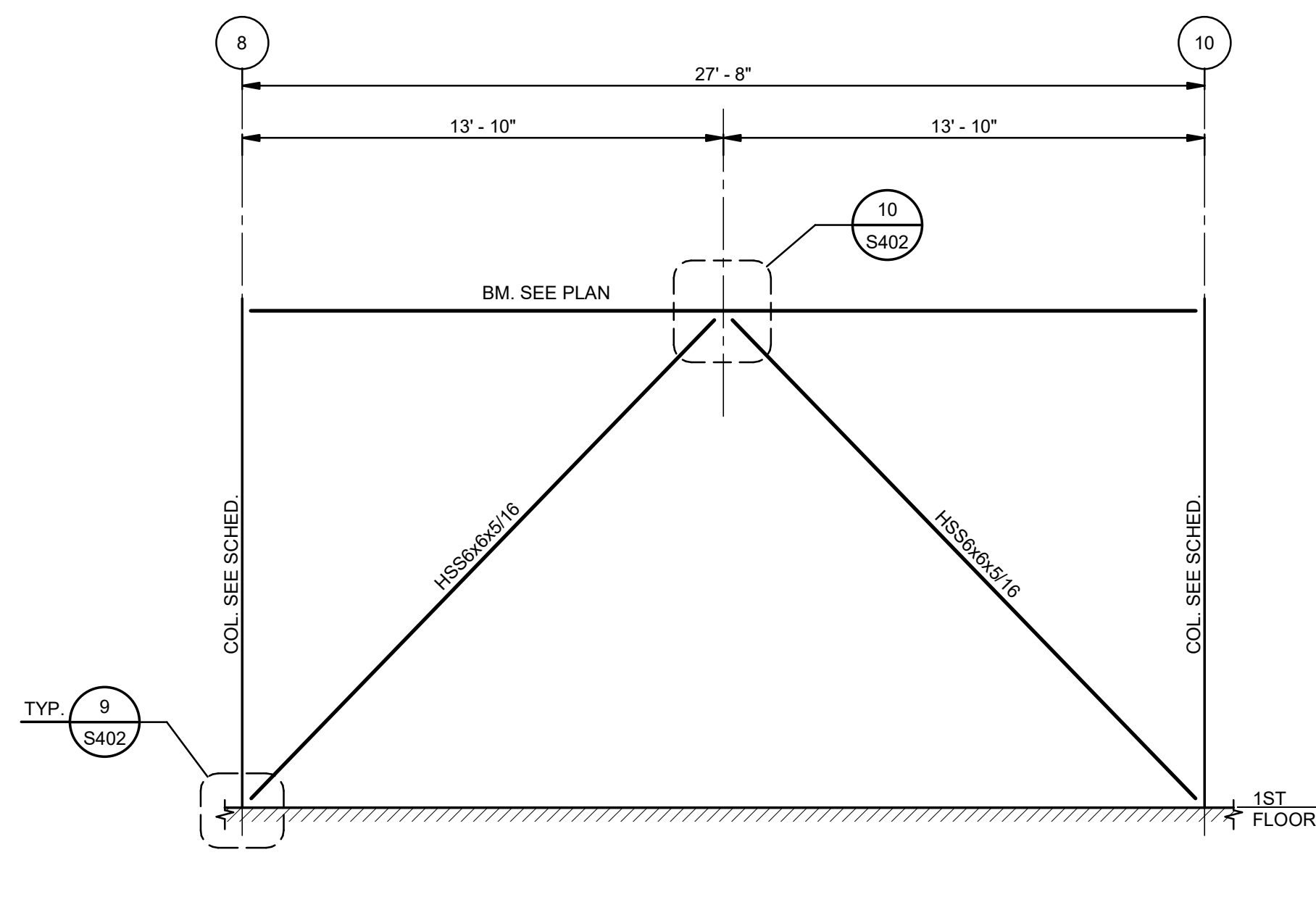
100% CONSTRUCTION DOCUMENTS

DESIGNED BY	JAS	CHECKED BY	Checker
DRAWN BY	HSB	DATE	12.20.21
SHEET TITLE	SECTIONS		
PROJECT NO.	MBA - 11884	SHEET NO.	S302
	ABM - 201803		

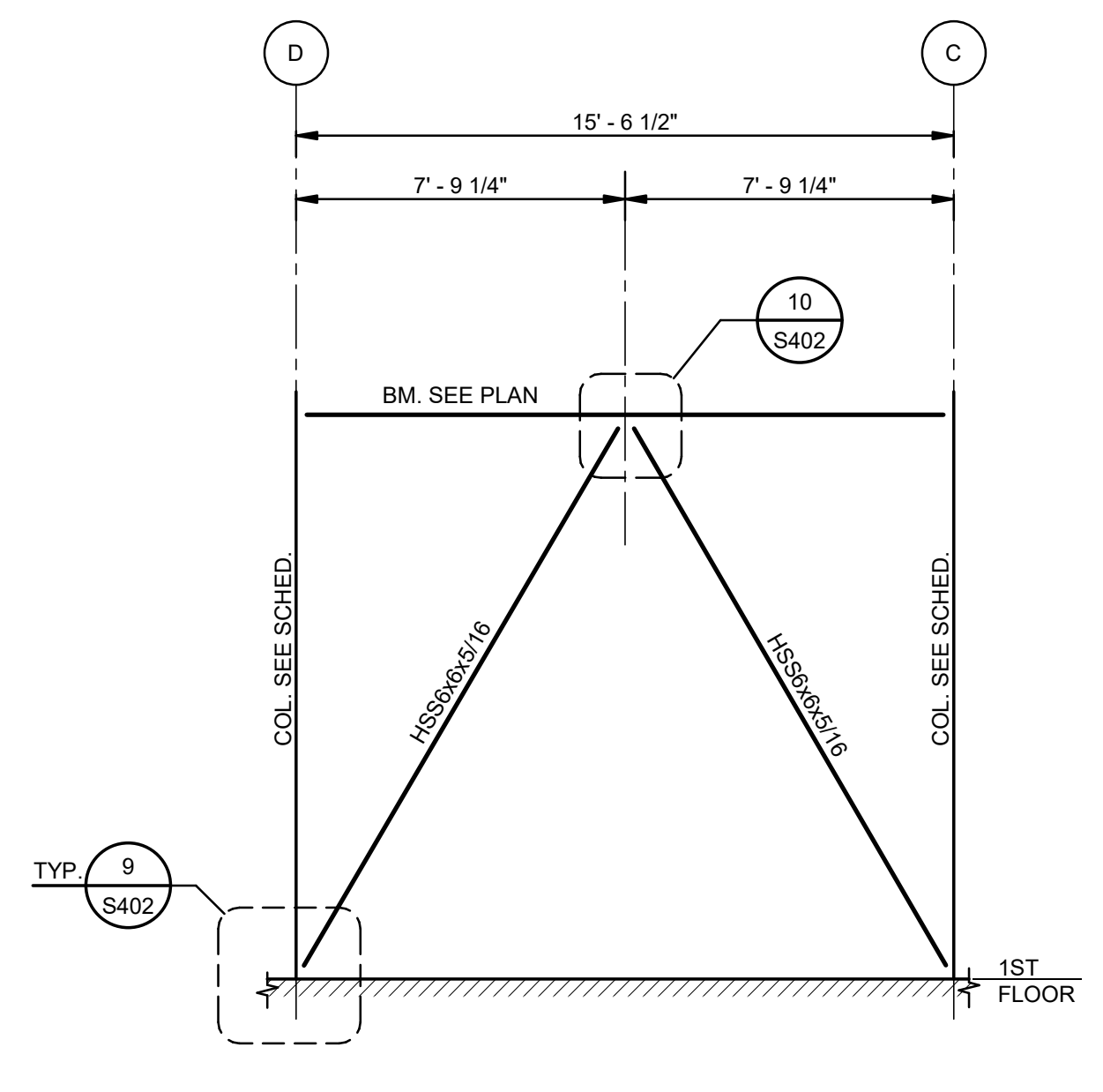
MORPHY MAKOFSKY INCORPORATED  
CONSULTING ENGINEERS  
(504)488-1317  
JOB NO. 19192



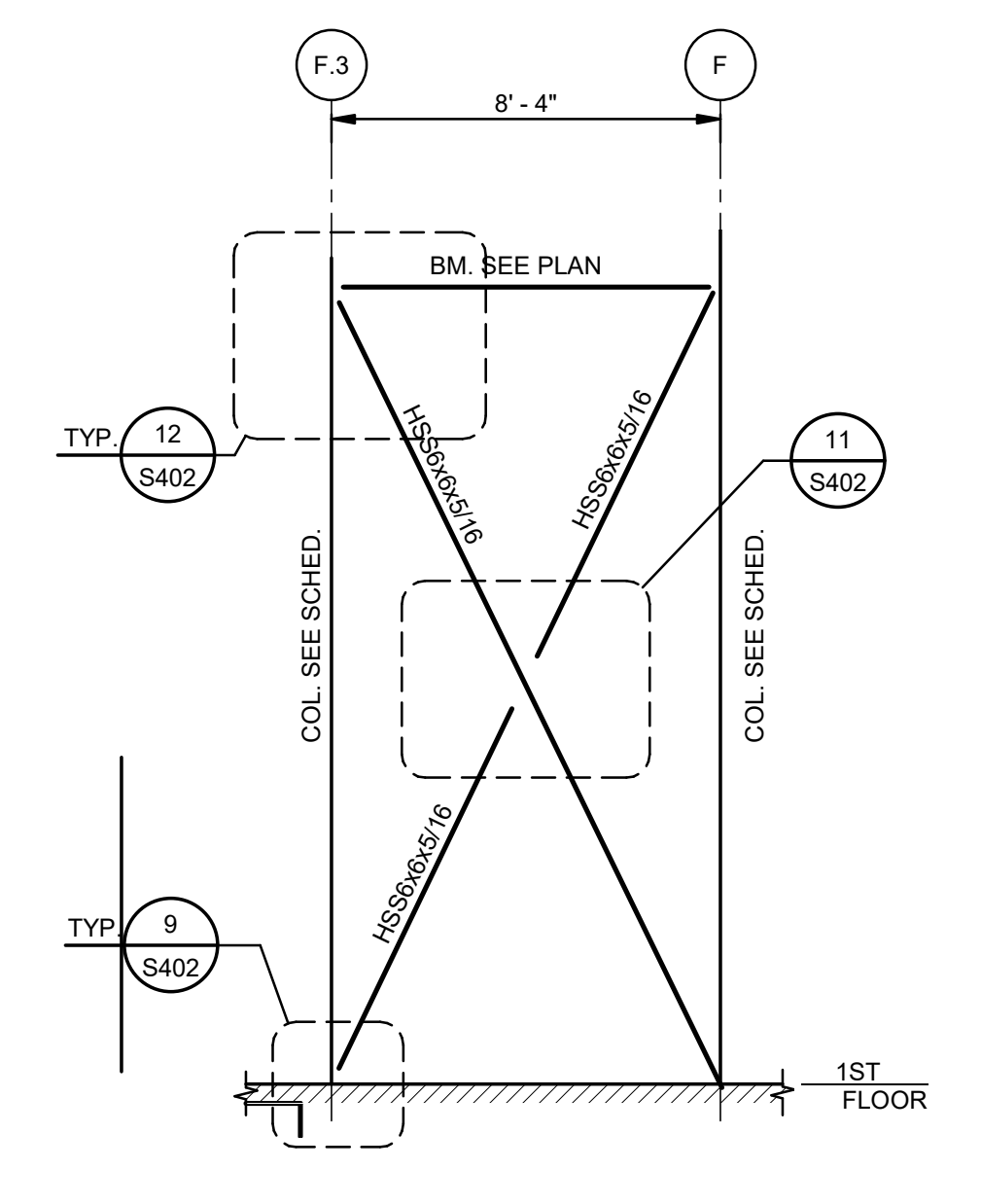
**1** ELEVATION-BRACING AT COLUMN LINE A  
S401 1/4" = 1'-0"



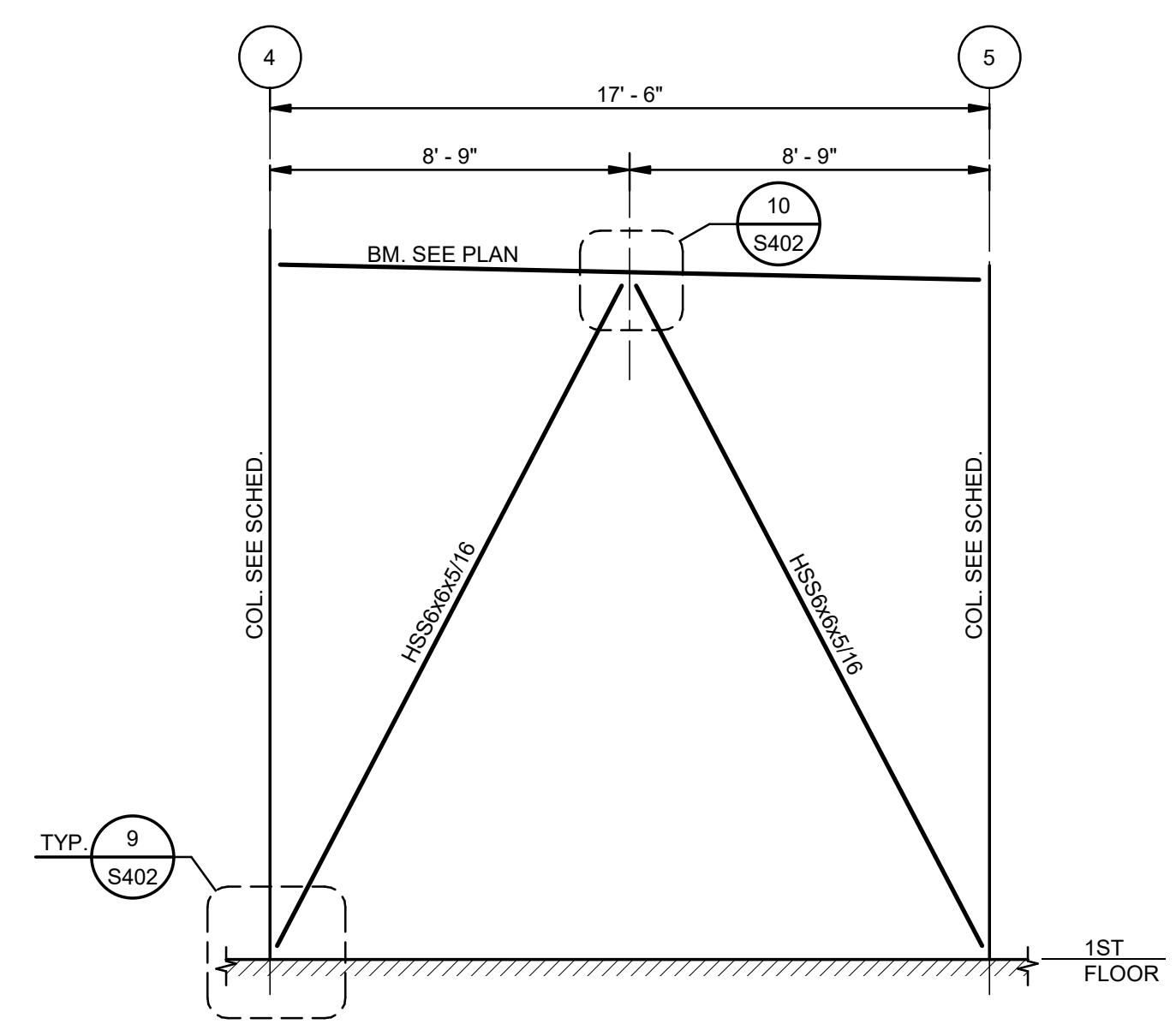
**2** ELEVATION-BRACING AT COLUMN LINE A  
S401 1/4" = 1'-0"



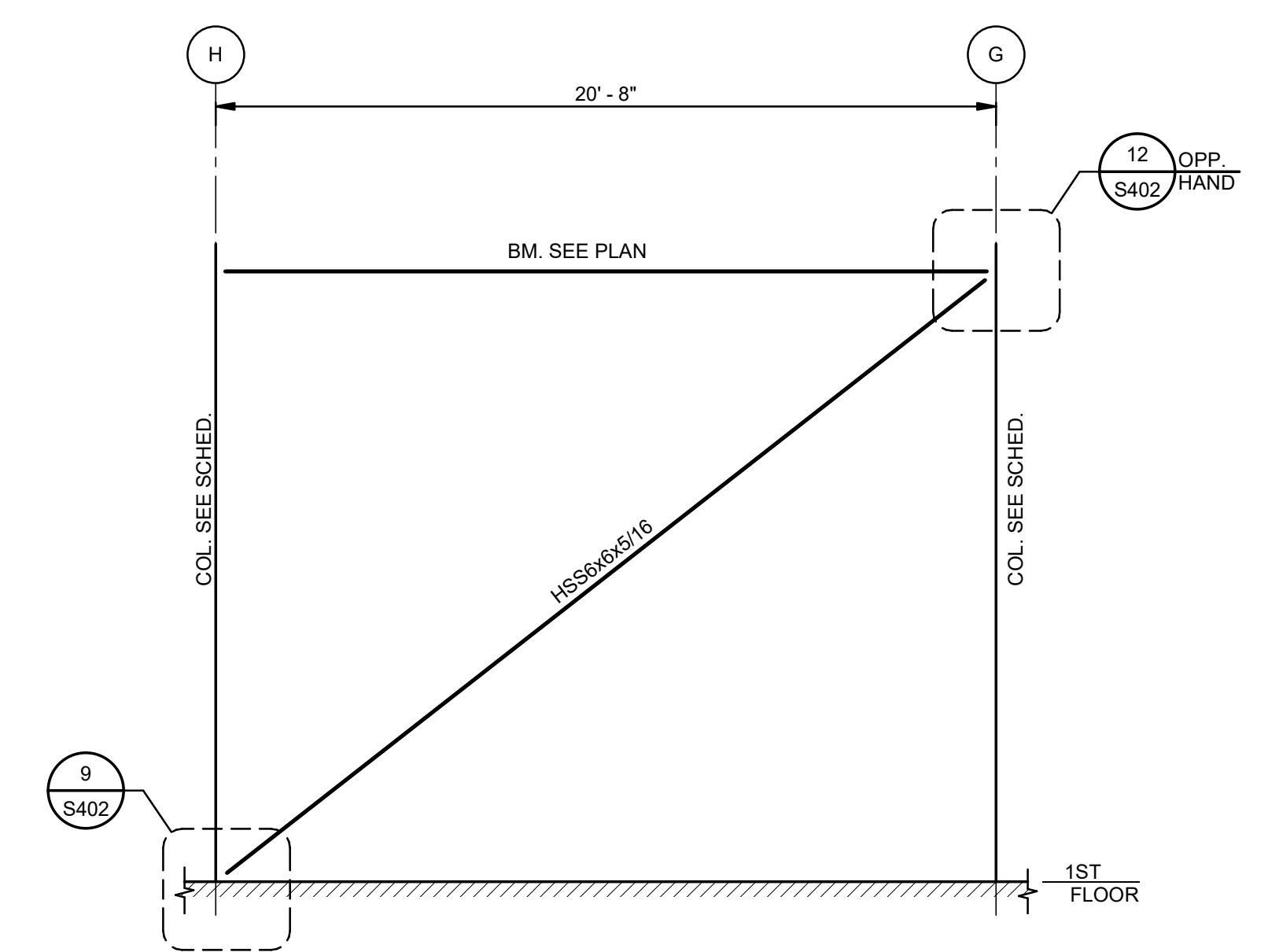
**3** ELEVATION-BRACING AT COLUMN LINE 3  
S401 1/4" = 1'-0"



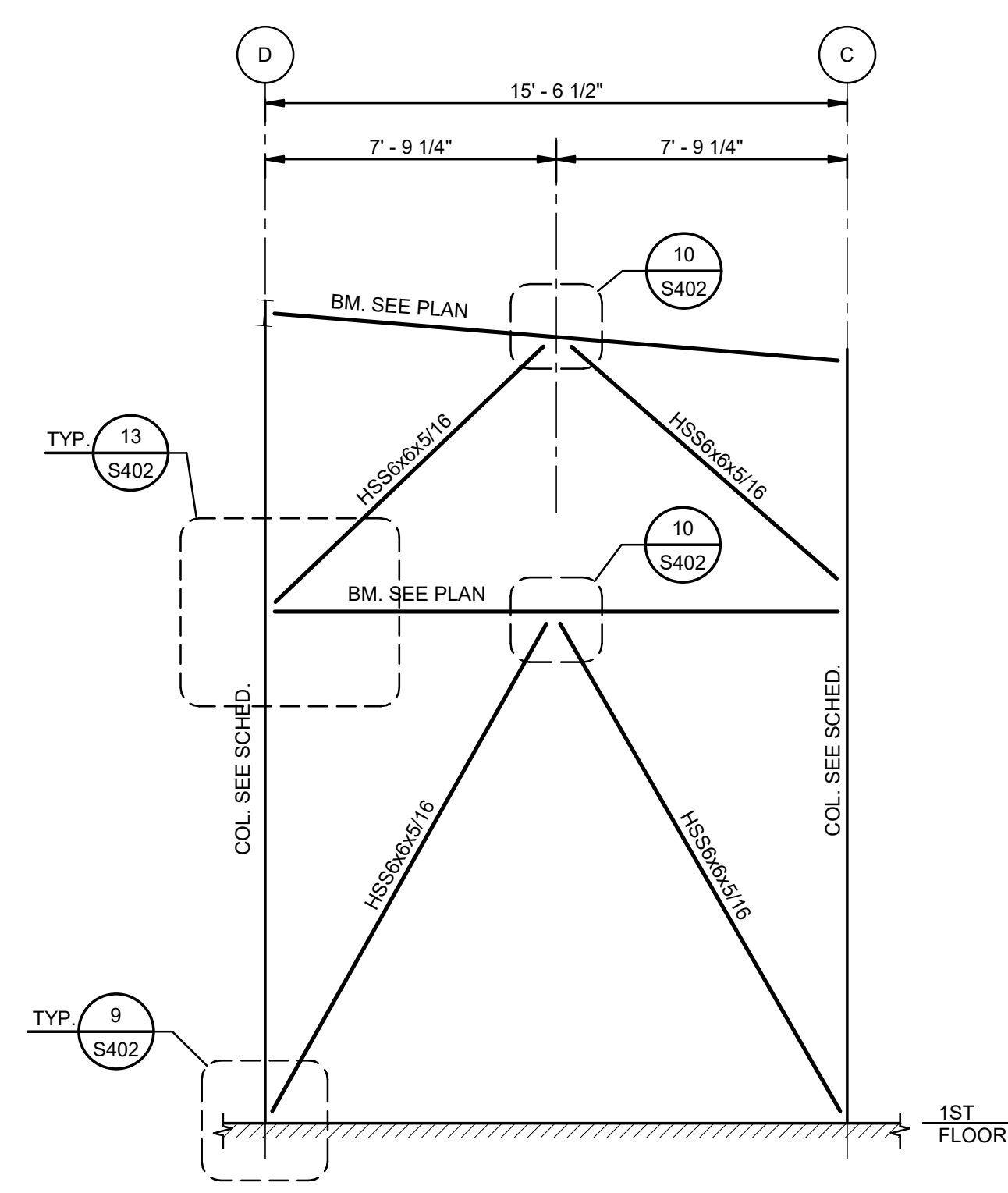
**4** ELEVATION-BRACING AT COLUMN LINE 2  
S401 1/4" = 1'-0"



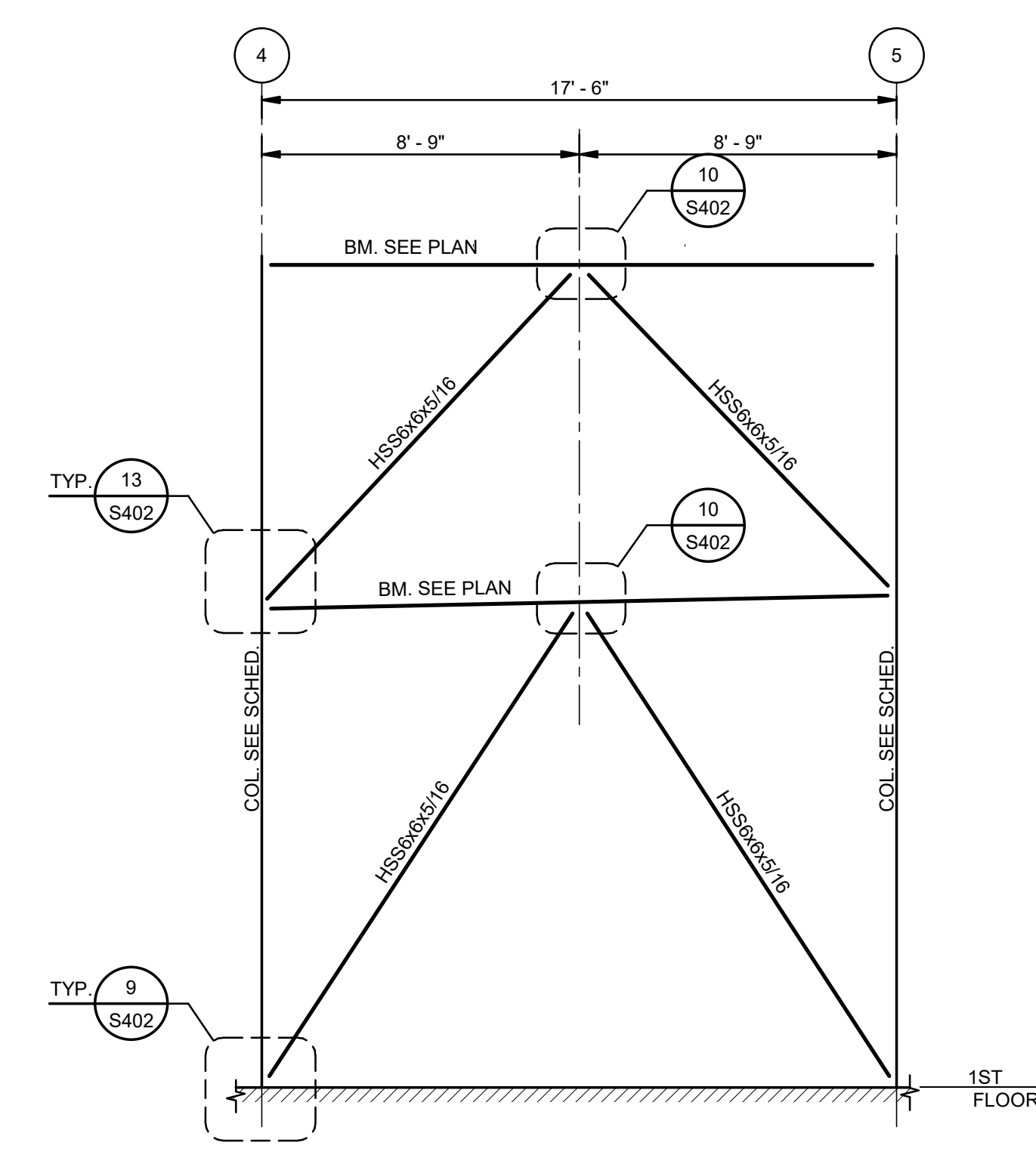
**5** ELEVATION-BRACING AT COLUMN LINE J  
S401 1/4" = 1'-0"



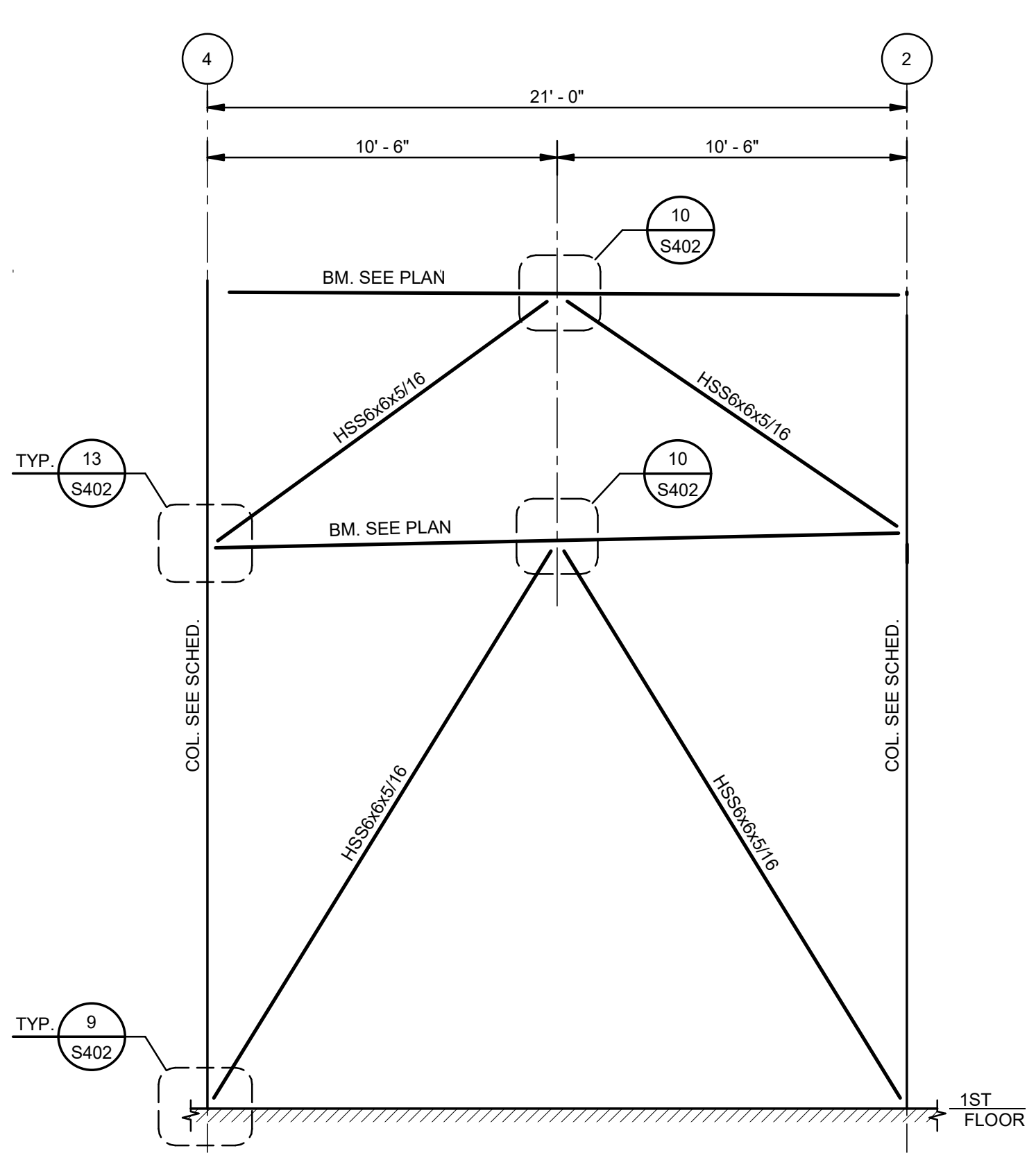
**6** ELEVATION-BRACING AT COLUMN LINE 5  
S401 1/4" = 1'-0"



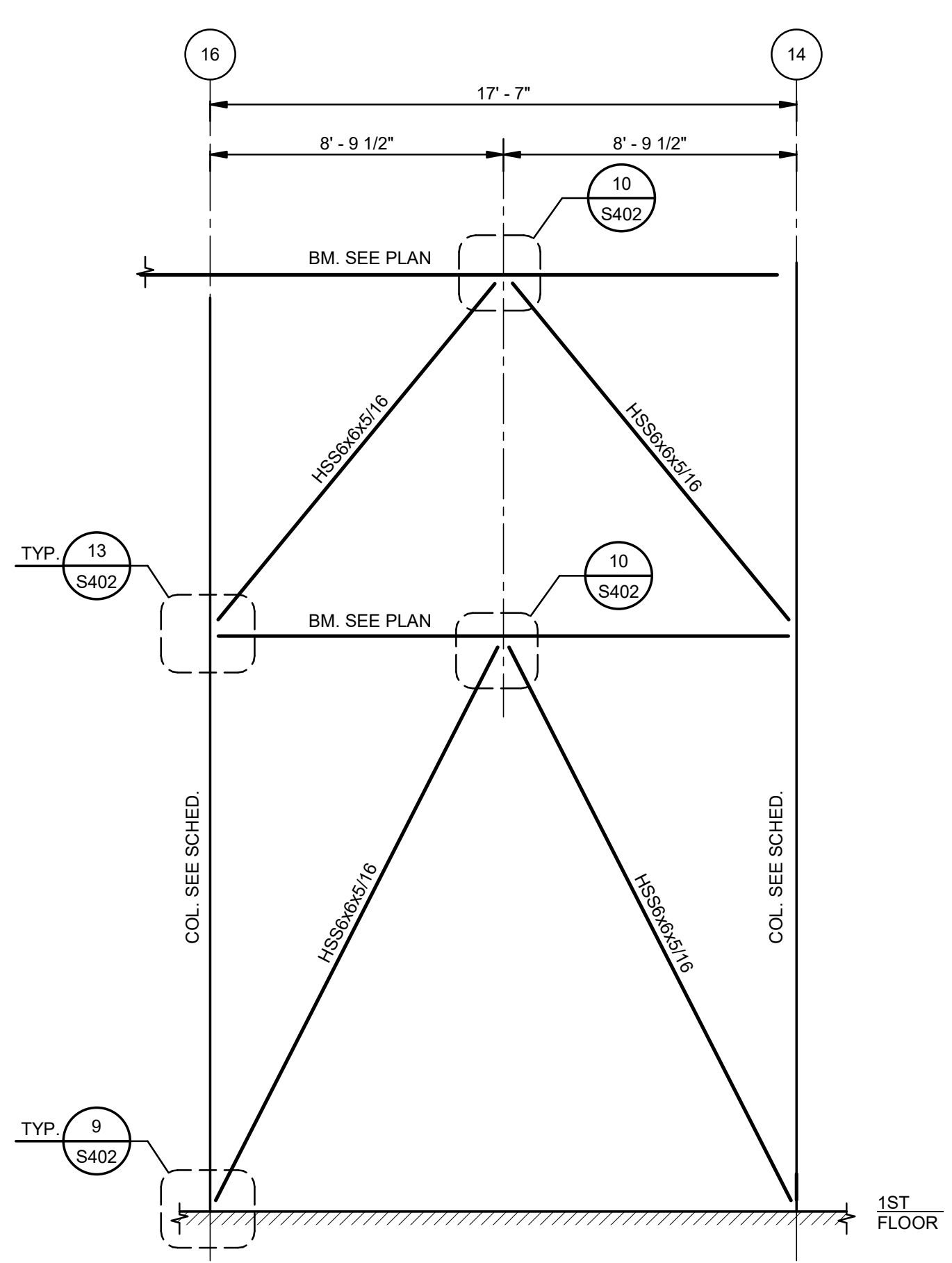
**7** ELEVATION-BRACING AT COLUMN LINE 6  
S401 1/4" = 1'-0"



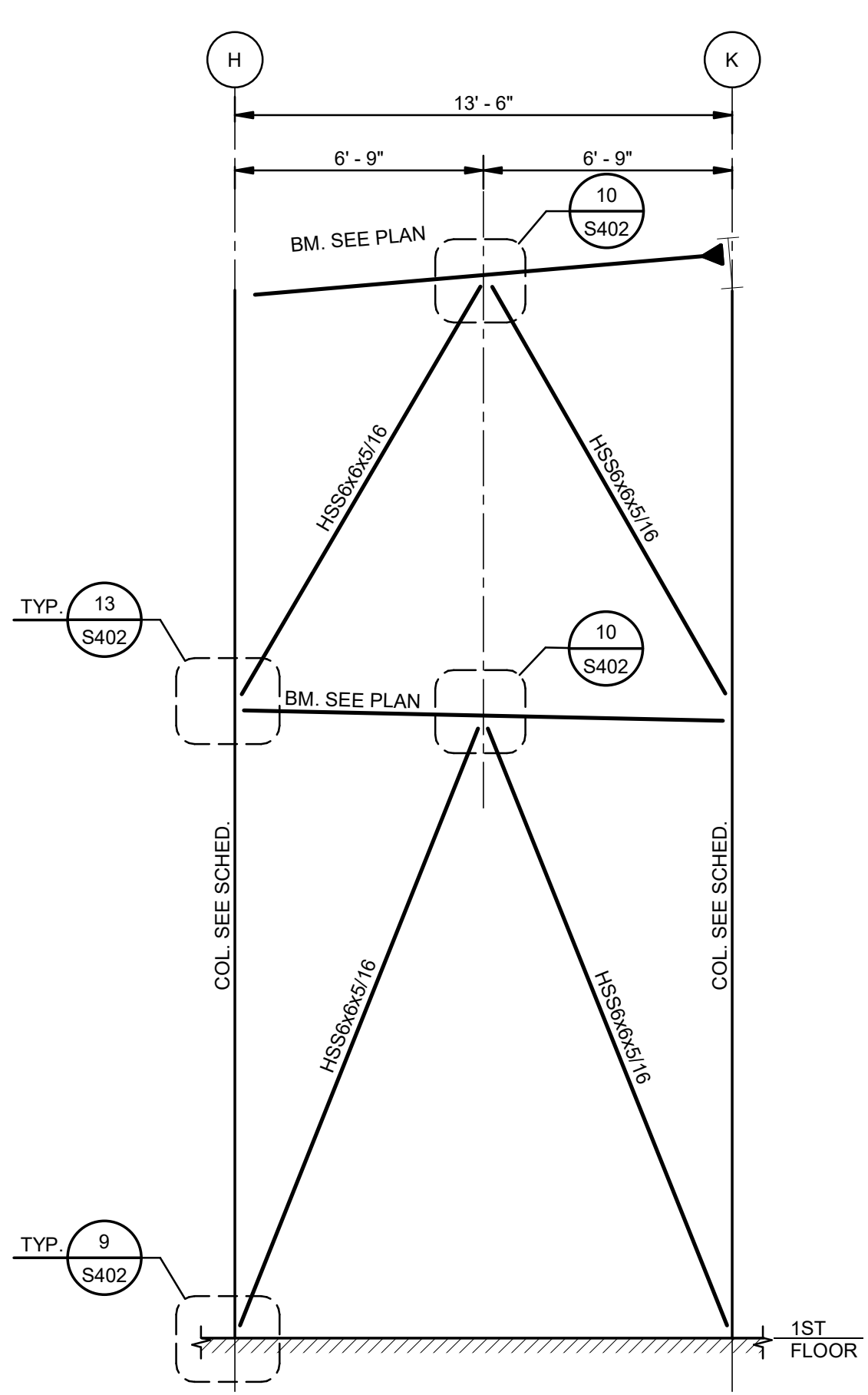
**8** ELEVATION-BRACING AT COLUMN LINE E  
S401 1/4" = 1'-0"



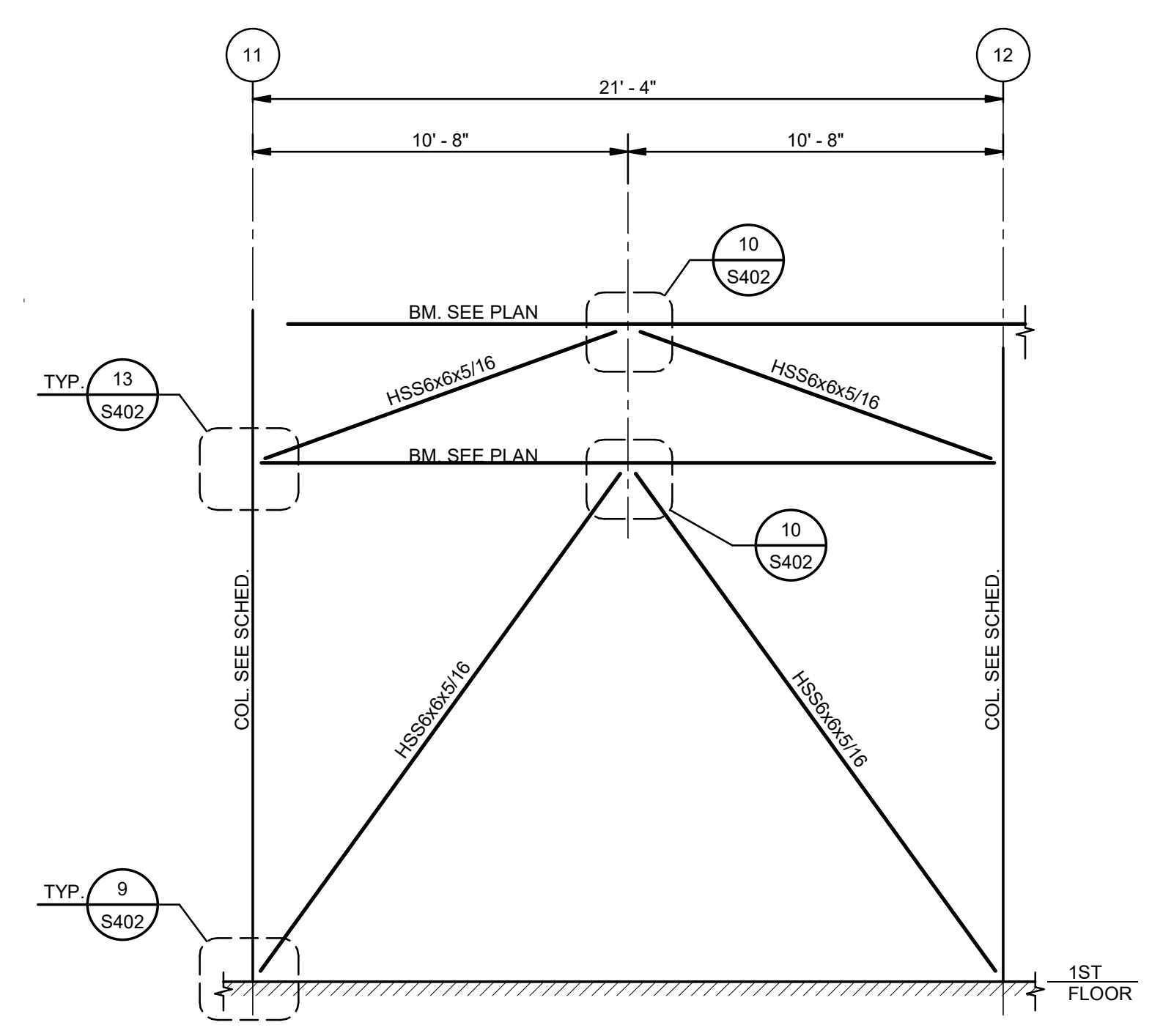
**9** ELEVATION-BRACING AT COLUMN LINE F  
S401 1/4" = 1'-0"



**10** ELEVATION-BRACING AT COLUMN LINE H  
S401 1/4" = 1'-0"



**11** ELEVATION-BRACING AT COLUMN LINE 11  
S401 1/4" = 1'-0"



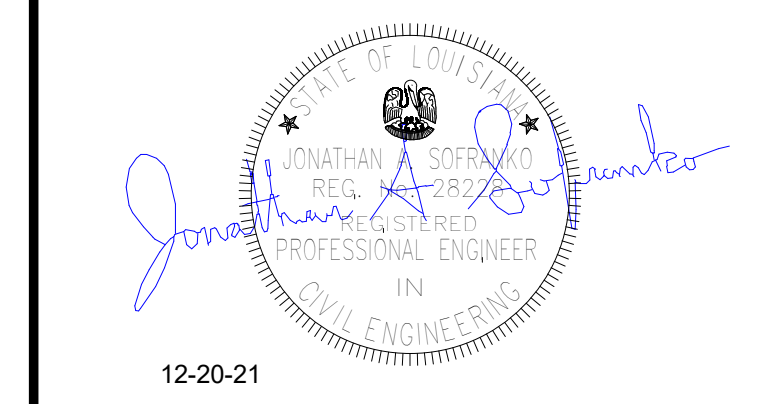
**12** ELEVATION-BRACING AT COLUMN LINE B  
S401 1/4" = 1'-0"



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7504 J488-1317  
JOB NO. 19192

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN



**Mathes Brierre** + **BM**  
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE  
A JOINT VENTURE  
201 St. Charles Avenue, Forty First Floor  
New Orleans, Louisiana 70170-4100  
Voice: 504.586.5303. Fax: 504.582.1305  
300 Heymann Blvd.  
Lafayette, Louisiana 70503  
337.233.0614

PROJECT TITLE

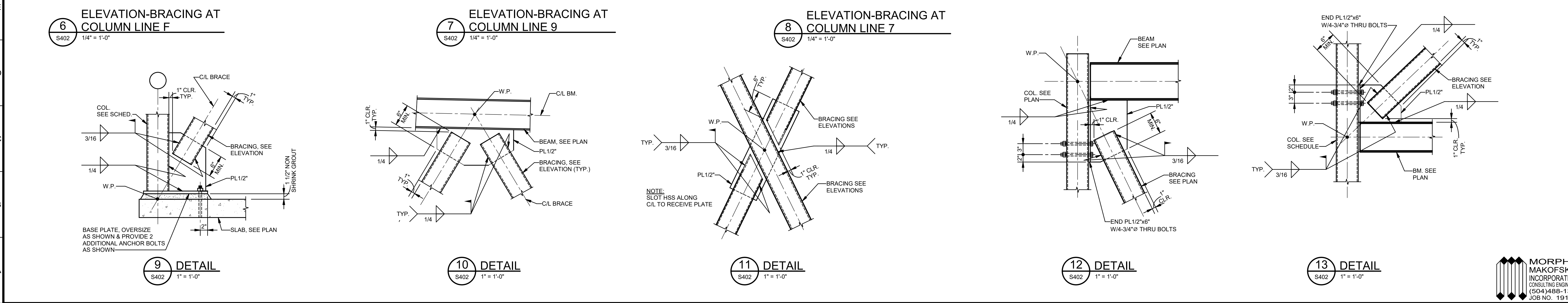
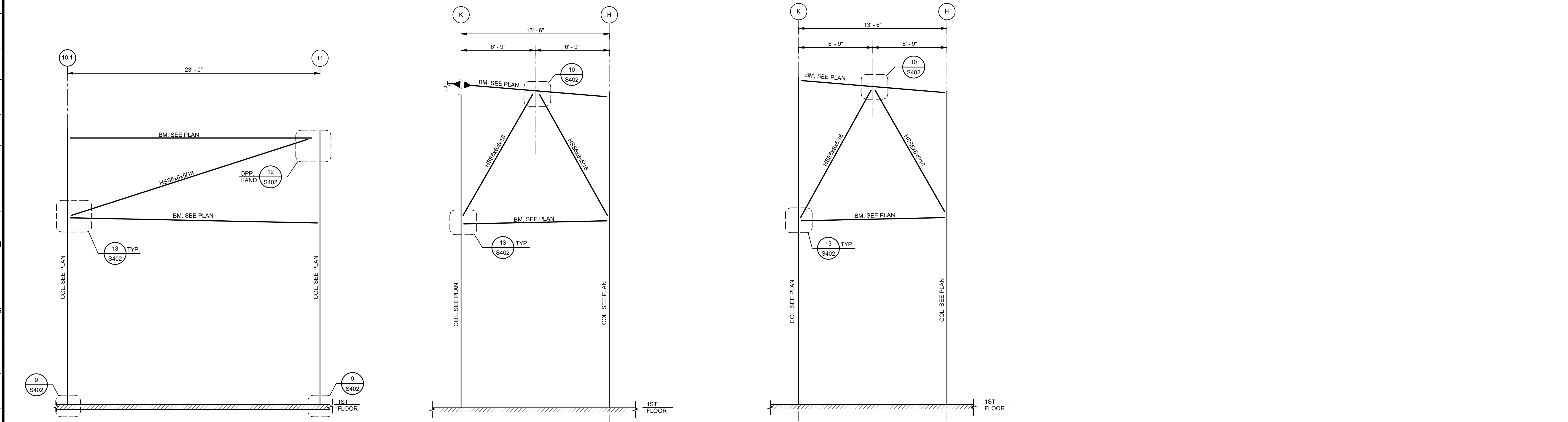
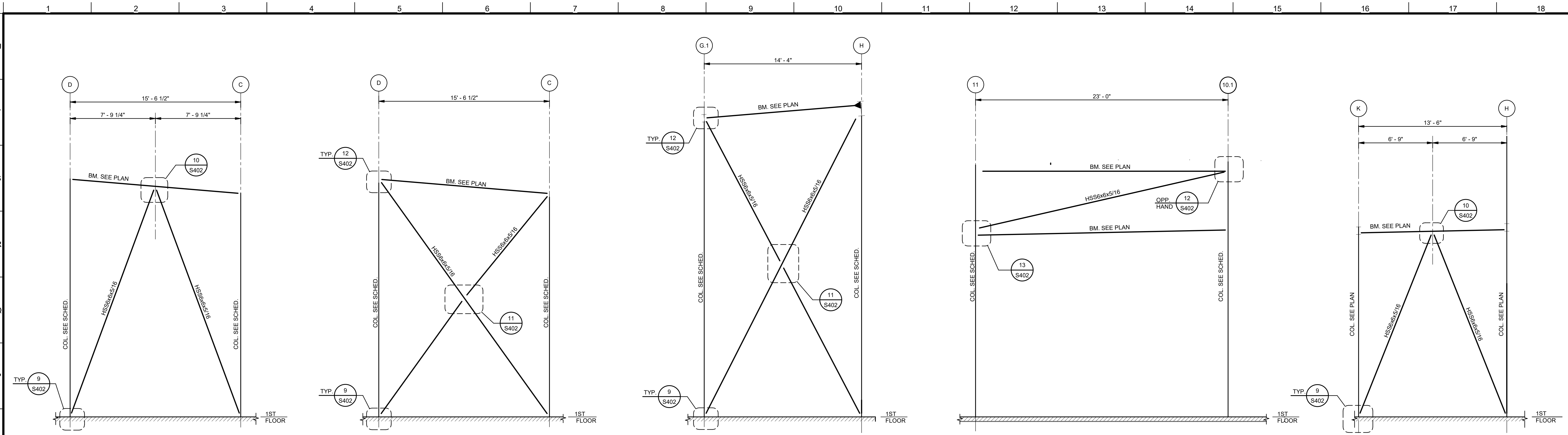
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SHEET TITLE	
BRACING ELEVATIONS	
PROJECT NO.	SHEET NO.
MBA - 11884	S401
ABM - 201803	



No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

12-20-21

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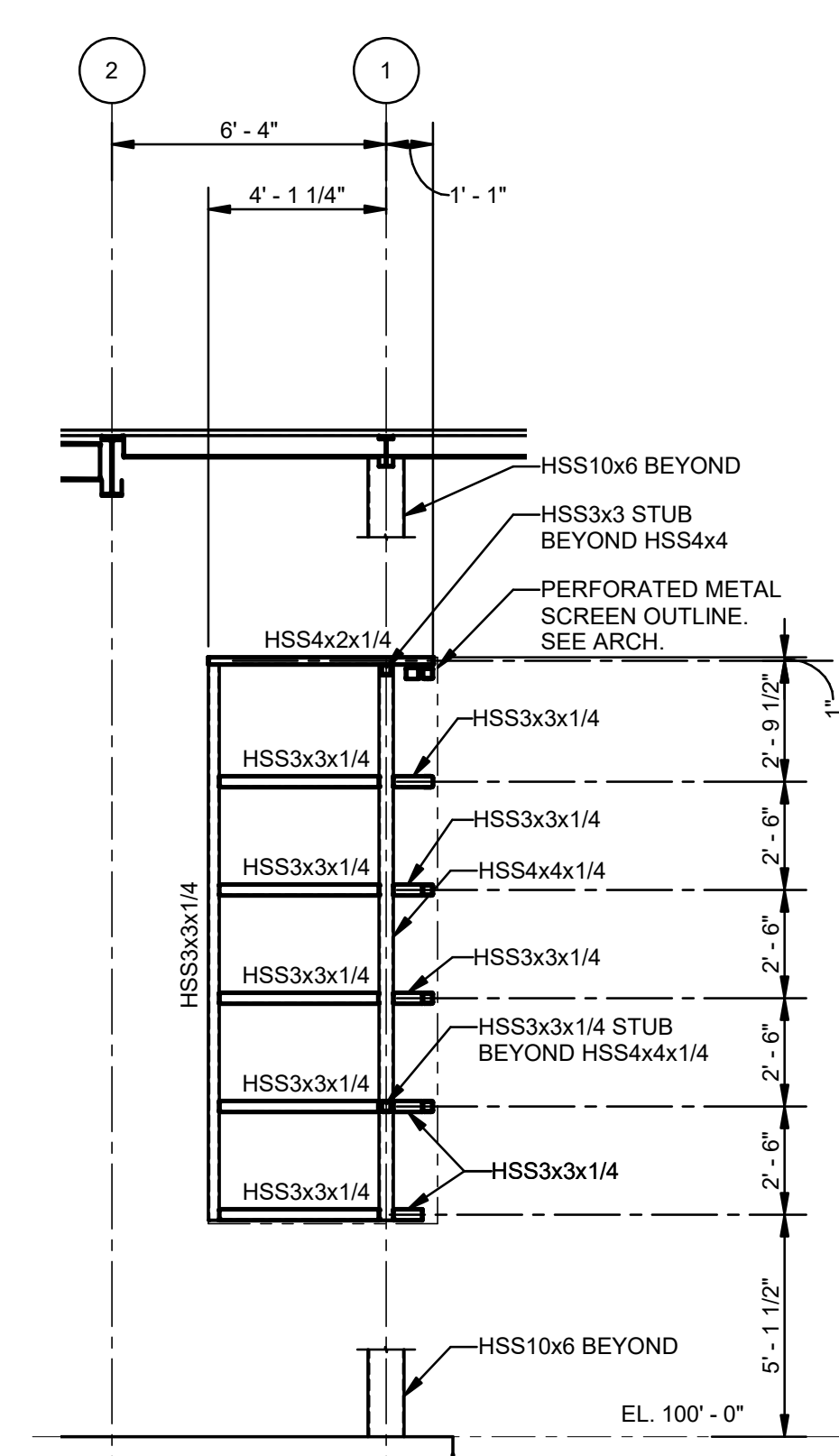
PROJECT TITLE

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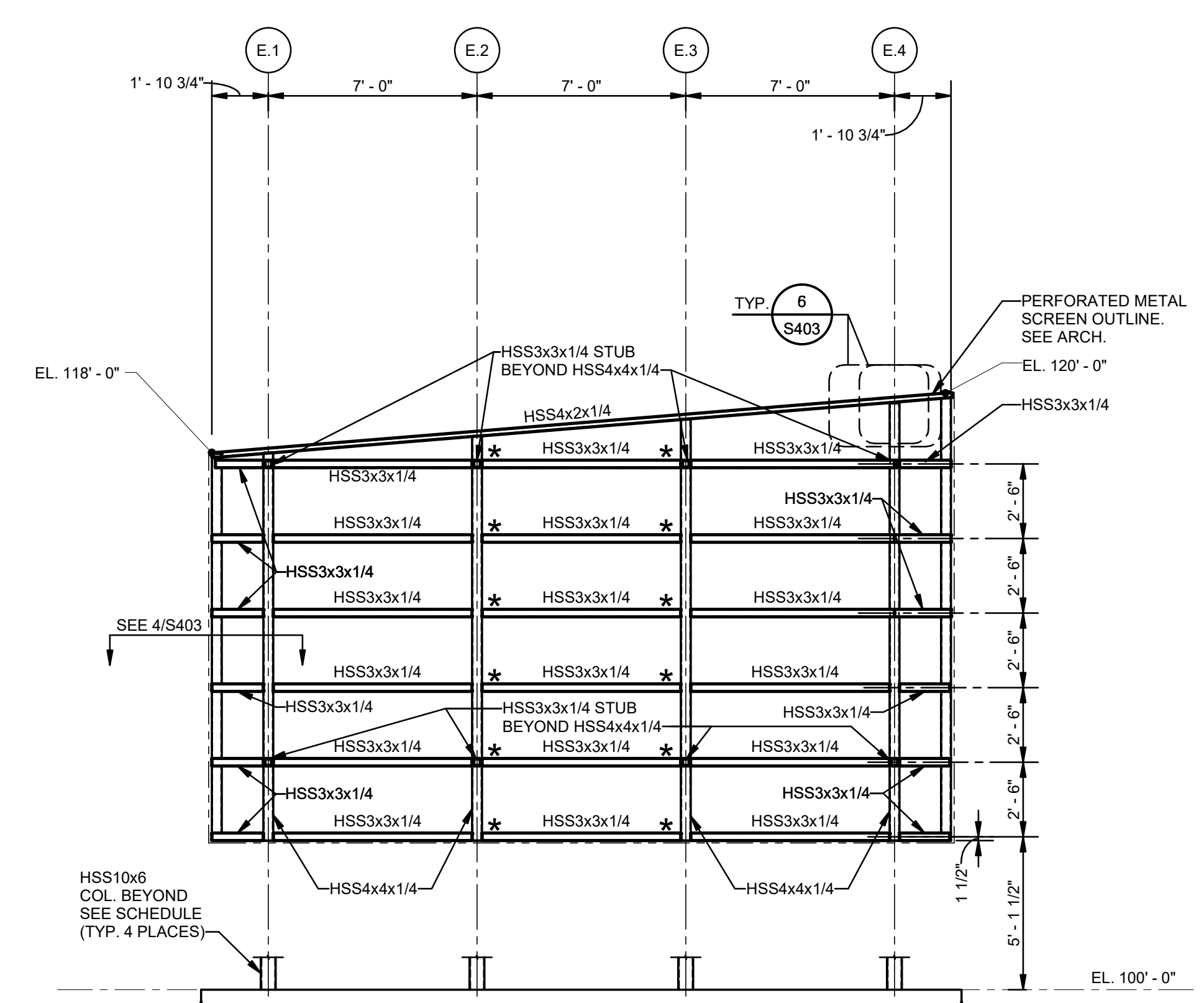
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DESIGNED BY	JAS	CHECKED BY	JAS
DRAWN BY	HSB	DATE	12.20.21
SHEET TITLE			
BRACING ELEVATIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	S402
ABM - 201803		MORPHY MAKOFSKY INCORPORATED CONSULTING ENGINEERS (504)488-1317 JOB NO. 19192	



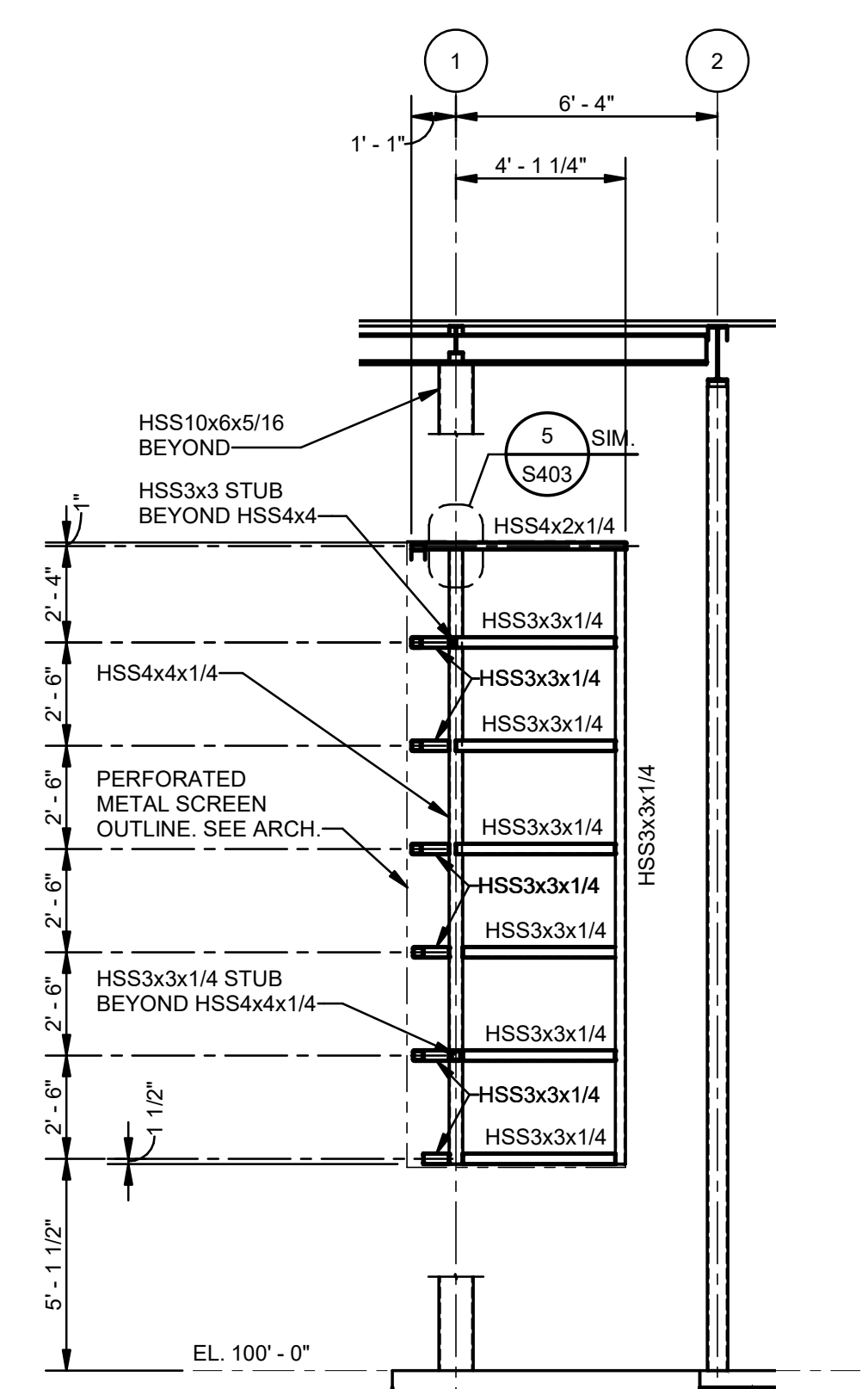
UNLESS NOTED OTHERWISE:  
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.

**1**  
PERFORATED METAL SCREEN - WEST ELEVATION  
S403 1/4" = 1'-0"



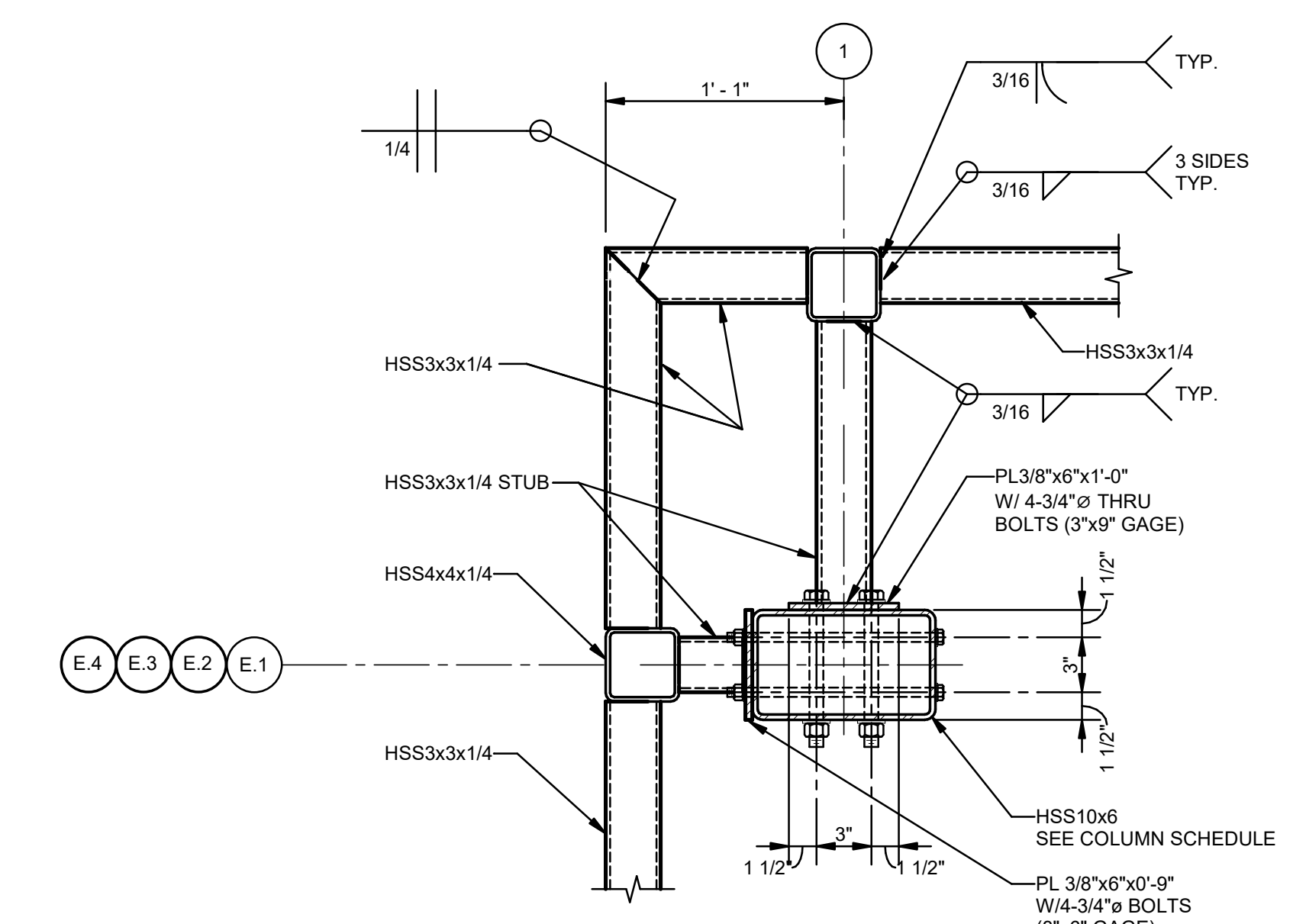
UNLESS NOTED OTHERWISE:  
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.  
2. \* - INDICATES LOCATION OF PERMISSIBLE ALTERNATE BOLTED CONNECTION, SEE 6/S403

**2**  
PERFORATED METAL SCREEN - SOUTH ELEVATION  
S403 1/4" = 1'-0"



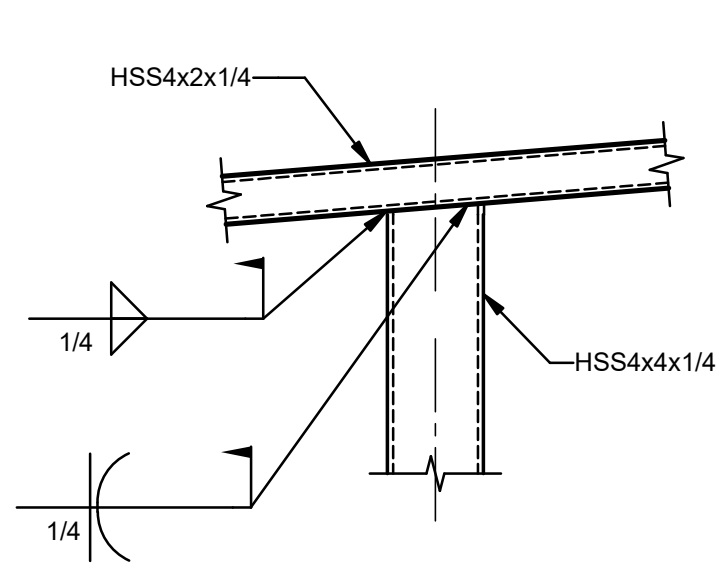
UNLESS NOTED OTHERWISE:  
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.

**3**  
PERFORATED METAL SCREEN - EAST ELEVATION  
S403 1/4" = 1'-0"



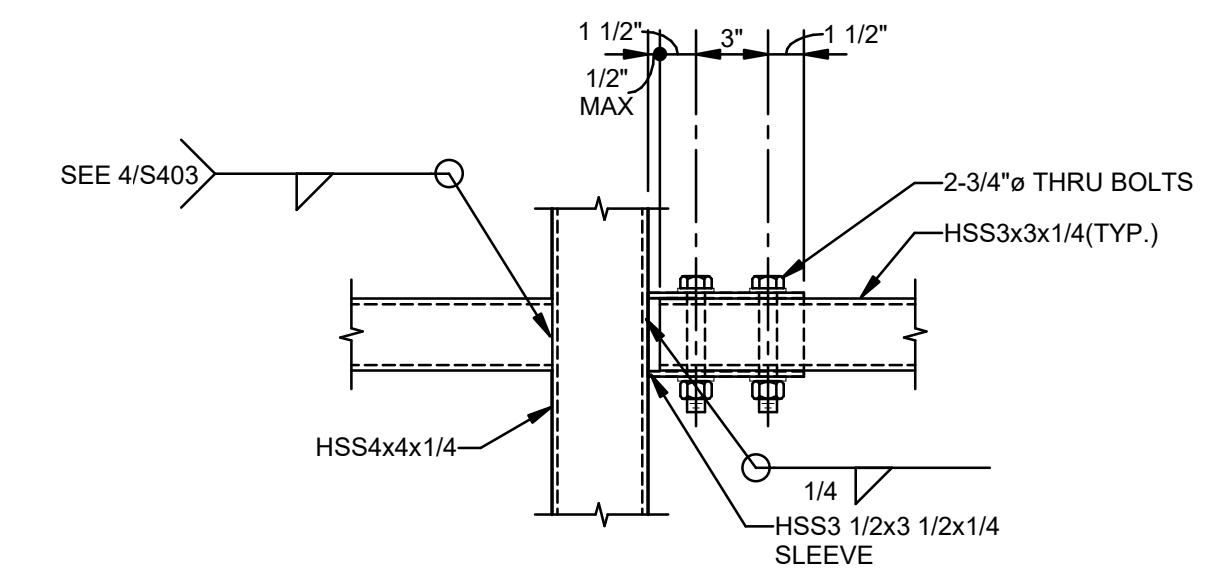
UNLESS NOTED OTHERWISE:  
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.

**4**  
PERFORATED METAL SCREEN PLAN DETAIL  
S403 1 1/2" = 1'-0"



UNLESS NOTED OTHERWISE:  
1. TOUCH UP DAMAGED COATING WITH HOT STICK GALVANIZING. COLD SPRAY GALVANIZING IS NOT PERMITTED.

**5**  
DETAIL  
S403 1 1/2" = 1'-0"



**6**  
DETAIL  
S403 1 1/2" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

**Mathes Brierre** + **BM**  
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PROJECT TITLE

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SHEET TITLE  
PERFORATED SCREEN ELEVATIONS

PROJECT NO.	SHEET NO.
MBA - 11884 ABM - 201803	<b>S403</b>

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INCORPORATED  
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(504)488-1317  
JOB NO. 19192