

4201 MAIN STREET, HOUSTON, TEXAS

37 Lyerly, Houston, Texas 77022
713-588-1768

1. ELECTRIC LIGHTING CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR AND RENFROW METALSMITHS.
2. CONDUIT MUST BE INSTALLED INSIDE COLUMNS DURING FABRICATION.
3. ALL HOLES IN STEEL PLATES FOR CONDUIT PASS THRU MUST HAVE EASED EDGES.
4. ALL OBSTACLES ON JOBSITE MUST BE REMOVED PRIOR TO INSTALLATION.
5. THE INTEGRITY OF THE VAULT STRUCTURE MUST BE CONFIRMED BY THE PROJECT STRUCTURAL ENGINEER.

1. STEEL PLATE: ASTM A572 GRADE 50.
2. STEEL PIPE: ASTM A53 GRADE B SCHEDULE 40
3. EXPOSED METAL FINISH: PAINT TBD
4. STRUCTURE SHALL CONFORM TO AESS 3 AS LISTED BELOW
5. FINISH TO BE TNEMEC PAINT.

CATEGORY CHARACTERISTICS		AESS 3	
SURFACE PREPARATION SHALL CONFORM TO SSPC-SP 2		-	
SHARP EDGES GROUND SMOOTH		X	
CONTINUOUS WELD APPEARANCE		X	
STANDARD STRUCTURAL BOLTS		X	
INSTALL ALL BOLTS ON THE SAME SIDE OF CONNECTION, AND PROVIDE A CONSISTENT ORIENTATION BETWEEN BEAMS		X	
REMOVE ALL ERECTION AIDS, AND REPAIR UNSIGHTLY SURFACES RESULTING FROM TEMPORARY BRACES		X	
REMOVE WELD SPATTERS		X	
REMOVE ALL BACKING AND RUN OUT TABS		X	
VISUAL SAMPLES		MOCK-UP	
SURFACE PREPARATION SHALL CONFORM TO SSPC-SP 6		X	
ONE-HALF STANDARD FABRICATION TOLERANCES		X	
JOINT GAPS (MITERS, COPES & CUTS) SHALL NOT TO EXCEED 1/2"		-	
FABRICATION MARKS NOT APPARENT		X	
WELDS UNIFORM AND SMOOTH		X	
MILL MARKS REMOVED		X	
BUTT AND PLUG WELDS GROUND SMOOTH AND FILLED		X	
HSS WELD SEAMS ORIENTED PER CONTRACT DOCUMENTS		X	
CROSS SECTIONAL ABUTTING SURFACE ALIGNED		X	
JOINT GAP TOLERANCES MINIMIZED, NOT TO EXCEED 1/8"		X	
ALL WELDED CONNECTIONS		X	

7 Lysterly Street
Houston, TX 77022
13.588.1768
enflowco.com

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4201 MAIN STREET
HOUSTON, TEXAS

CLIENT NAME AND ADDRESS

GILBANE

GENERAL NOTES

1. WATERPROOFING BY OTHERS.
2. ELECTRICAL WORK BY OTHERS.
3. TNEPEC PAINT BY RENFROW METALSMITHS. COLOR TBD.
4. STAINLESS STEEL CABLES BY RENFROW METALSMITHS.



FINISH

MATERIAL:
FINISH TYPE:
PAINT COLOR:

CITY OF HOUSTON
FABRICATOR
REGISTRATION NO.
1000

-	-	-	-	-	-
- RECORD SET	-	-	9/15/20	-	-
PIPE SPECIFICATION	-	-	8/17/20	-	-
0 FOR CLIENT REVIEW	-	-	9/14/20	-	-
REV DESCRIPTION	-	-	DATE	DATE	DATE
TITLE: SHEET NAME					

844	SHEET: C1.0
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Renfrow Metalsmiths

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FINISH

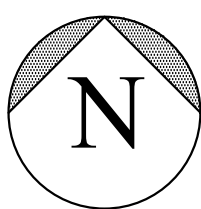
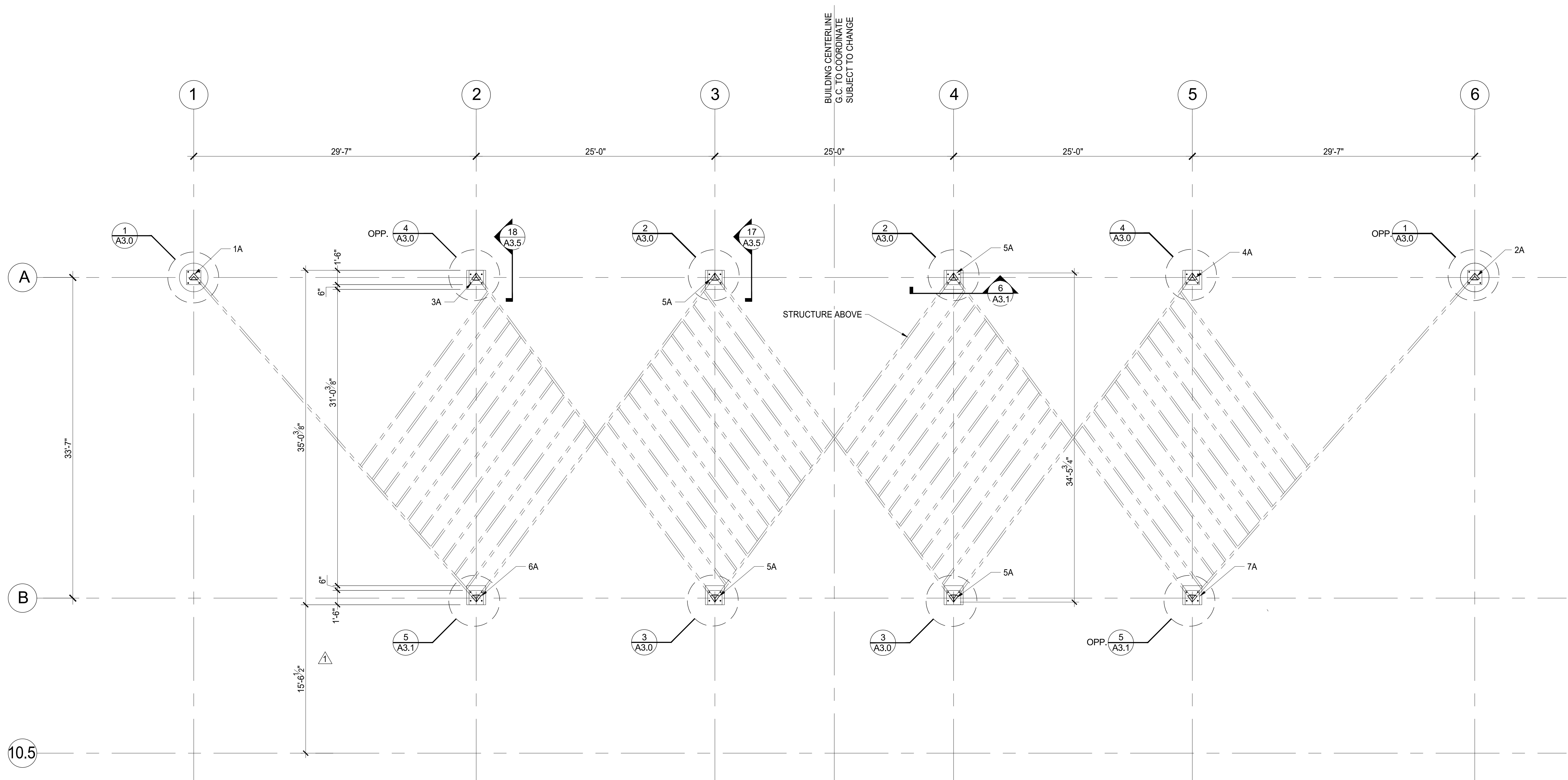
MATERIAL:
FINISH TYPE:
PAINT COLOR:

CITY OF HOUSTON
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REGISTRATION NO
1000

-	-	-	-
-	-	-	-
RECORD SET		9/15/20	
ALIGNMENT NOTES		8/27/20	
SPECIFIED DIMENSIONS		8/17/20	
0	0	0	0
FOR CLIENT REVIEW		9/14/20	
DESCRIPTION		DTG DATE	APP DATE
TITLE: SHEET NAME			

844

HEET: A1.0



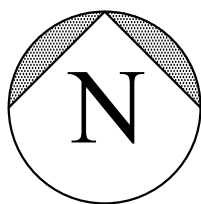
KEY PLAN @ PLINTHS

$$\frac{3}{16}'' = 1'-0''$$

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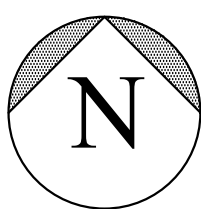
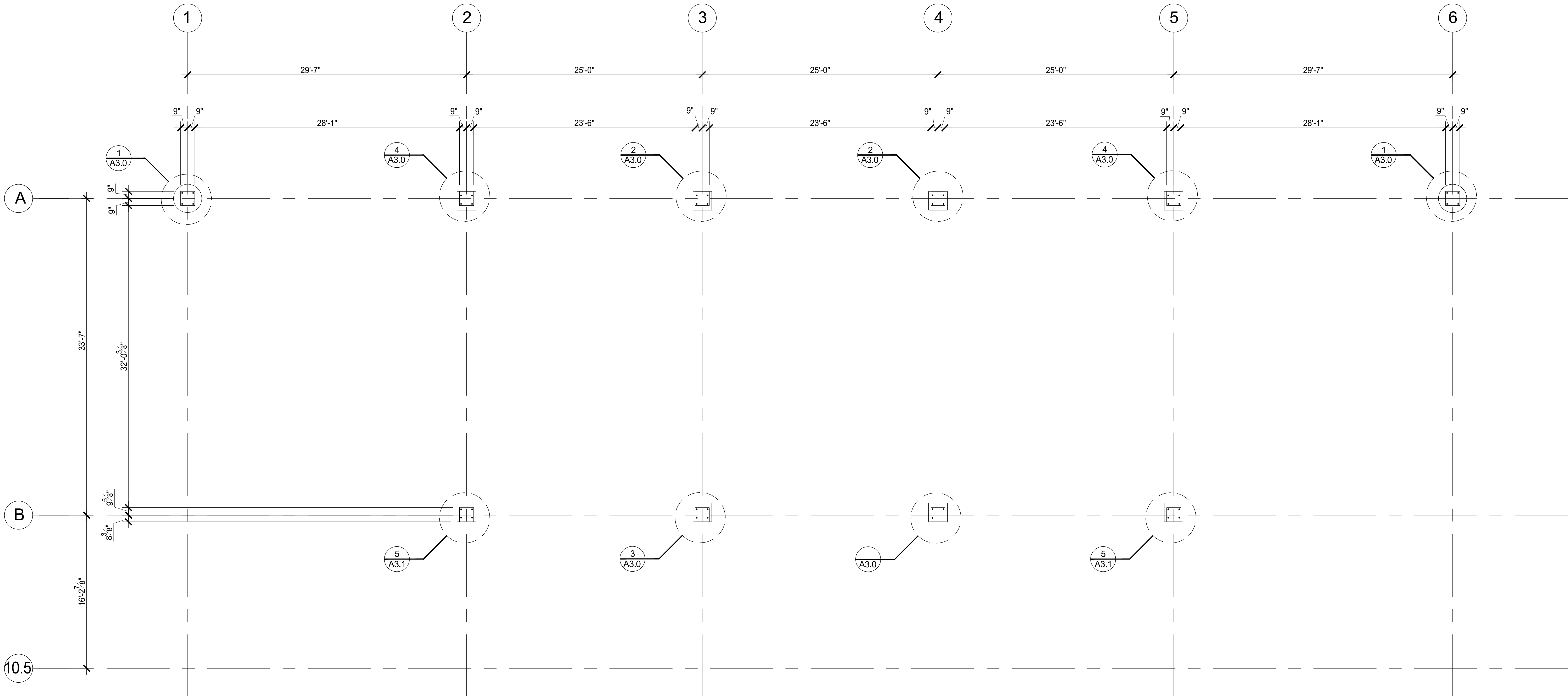
CLIENT NAME AND ADDRESS
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$$\frac{3}{16}'' = 1'-0''$$

RECORD SET	-	9/15/20
PIPE SPACING	-	8/27/20
SPECIFIED DIMENSIONS	-	8/17/20
0 FOR CLIENT REVIEW	-	9/14/20
DESCRIPTION	DATE	DATE
TITLE: SHEET NAME		

ALL PIERS AND PLINTHS TO BE SET
AT ELEVATION 47.00 PER SHEET
L06.103



BASE PLATE LAYOUT

3/16" = 1'-0"

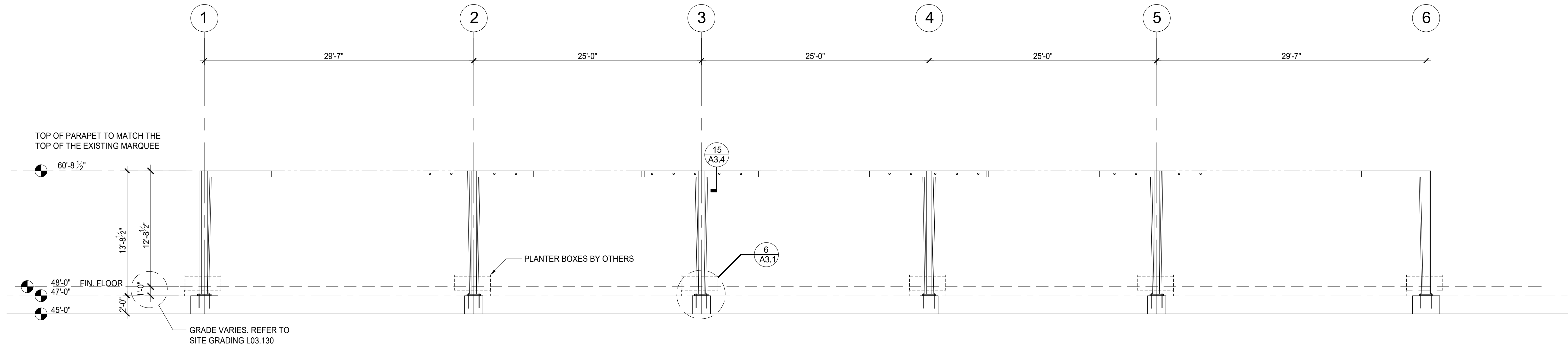
RECORD SET	9/15/20	9/17/20	9/14/20	DATE	DATE	DATE
SPECIFIED DIMENSIONS						
FOR CLIENT REVIEW						
DESCRIPTION						
TITLE						

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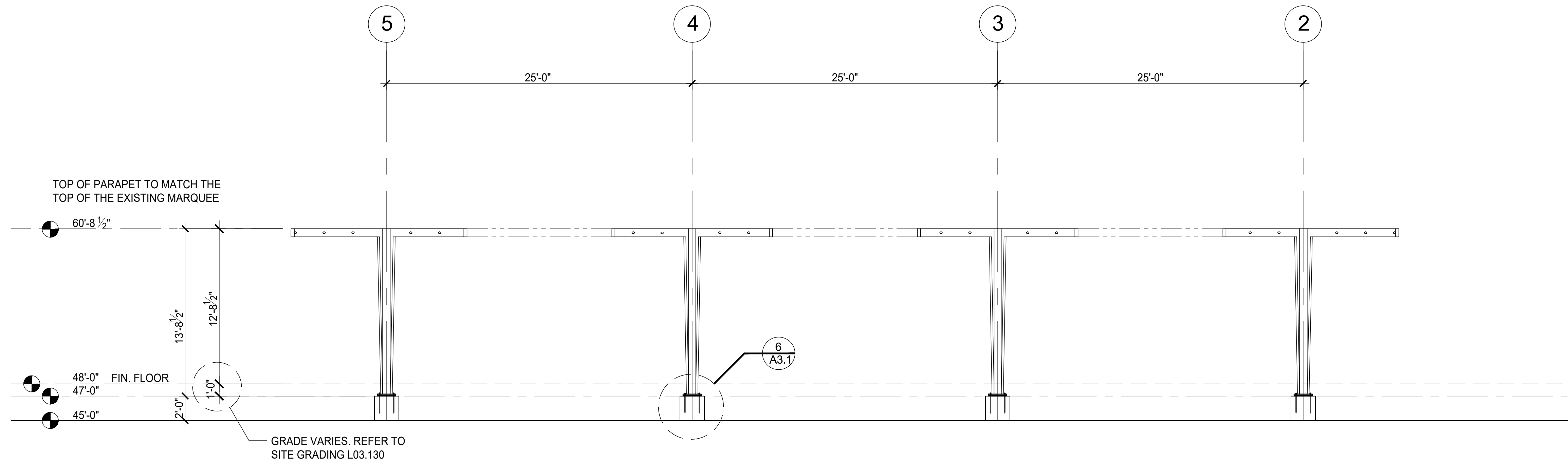
MATERIAL:
FINISH TYPE:
PAINT COLOR:

CITY OF HOUSTON
FABRICATOR
REGISTRATION NO.
1000

RECORD SET	04/15/20	06/27/20	09/14/20	DATE
CHANGE COLUMN SIZE				DATE
FOR CLIENT REVIEW				DATE
DESCRIPTION				DATE
TITLE:				SHEET NAME

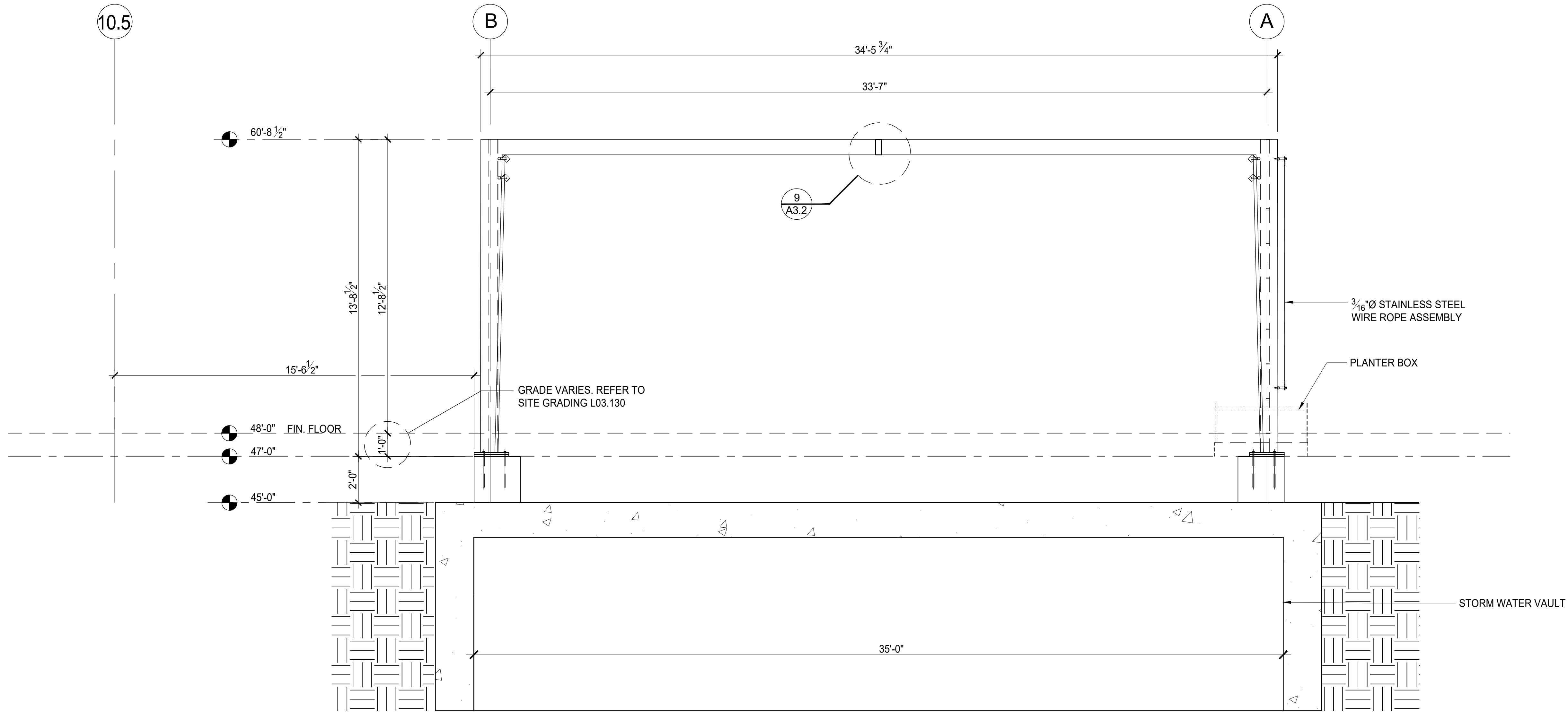


A SECTION LOOKING NORTH
3/16" = 1'-0"



B SECTION LOOKING SOUTH
3/16" = 1'-0"

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C SECTION LOOKING WEST
3/8" = 1'-0"



D SECTION
3/8" = 1'-0"

FINISH

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RECORD SET	DATE	BY	CHKD	DATE	BY	CHKD	DATE	BY	CHKD
RECORD SET	9/15/20	-	-	9/15/20	-	-	9/15/20	-	-
CHANGE COLUMN SIZE	8/22/20	-	-	8/22/20	-	-	8/22/20	-	-
REMOVE SPACE BOXES	8/17/20	-	-	8/17/20	-	-	8/17/20	-	-
FOR CLIENT REVIEW	9/14/20	-	-	9/14/20	-	-	9/14/20	-	-
DESCRIPTION	TITLE: SHEET NAME								

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REV	DESCRIPTION	DATE	APP. DATE
0	FOR CLIENT REVIEW	9/15/20	-
1	CHANGE COLUMN SIZE	8/27/20	-
2	RECORD SET	9/15/20	-
3			-
4			-

SO# 844	SHEET: A2.2
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2 COLUMN BASE @ FOOTING TYPE 1A
ARCH. REF. 01/L06.103 3" = 1'-0"



RECORD SET	9/15/20	
CHANGE COLUMN SIZE	8/22/20	
REVISE COLUMN SIZE AND LOCATION	8/17/20	
0 FOR CLIENT REVIEW	9/14/20	
DESCRIPTION	DATE	DATE
TITLE: SHEET NAME		

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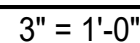
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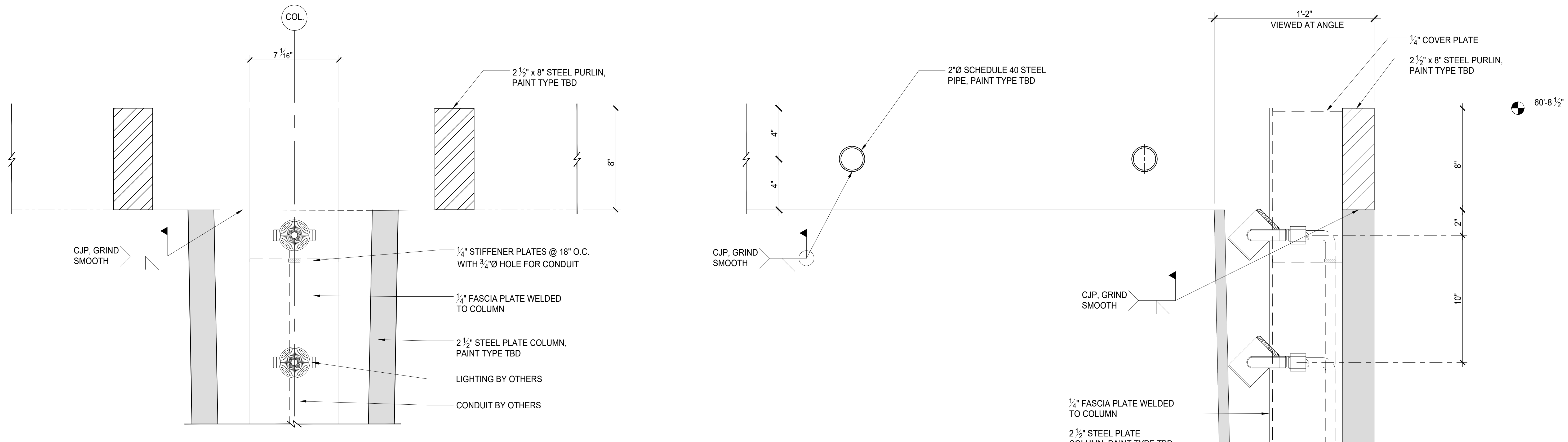
RECORD SET	9/15/20
CHANGE COLUMN SIZE	8/27/20
REVISE COLUMN SIZE AND LOCATION	8/11/20
REMOVE SPACE BOX	
0 FOR CLIENT REVIEW	9/14/20
REV	APPROVAL DATE
DESCRIPTION	
TITLE: SHEET NAME	

SO#	SHEET:
844	A3.1

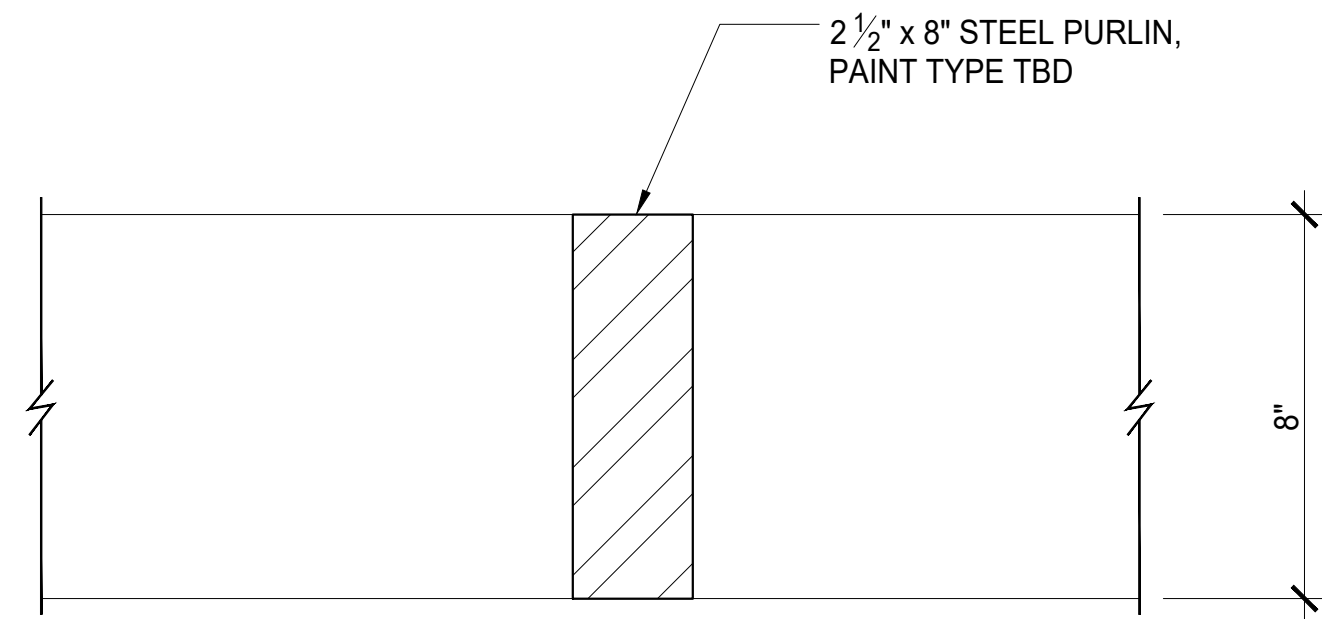


$$3'' = 1'-0''$$

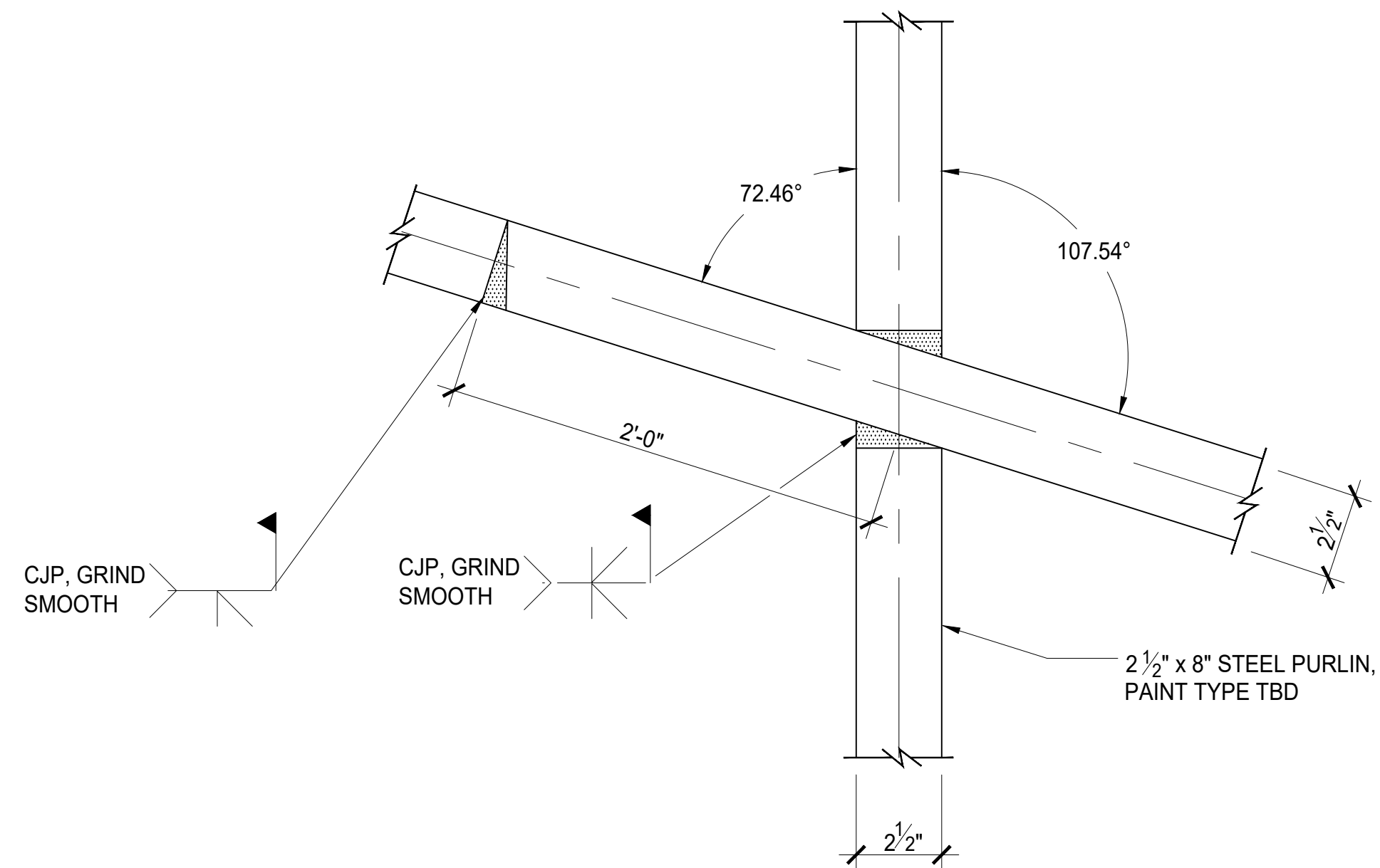
DATE	BY	DESCRIPTION	TITLE
9/15/20	-	RECORD SET	
8/22/20	-	CHANGE COLUMN SIZE	
8/17/20	-	REVISE COLUMN SIZE	
9/14/20	-	FOR CLIENT REVIEW	
DATE	BY	DESCRIPTION	TITLE
DATE	BY	DESCRIPTION	TITLE



7 VIEW @ TOP OF COLUMN
ARCH. REF. 07/L06.103
3" = 1'-0"



9 SECTION VIEW @ PURLIN INTERSECTION
3" = 1'-0"



10 PLAN VIEW @ PURLIN INTERSECTION
3" = 1'-0"

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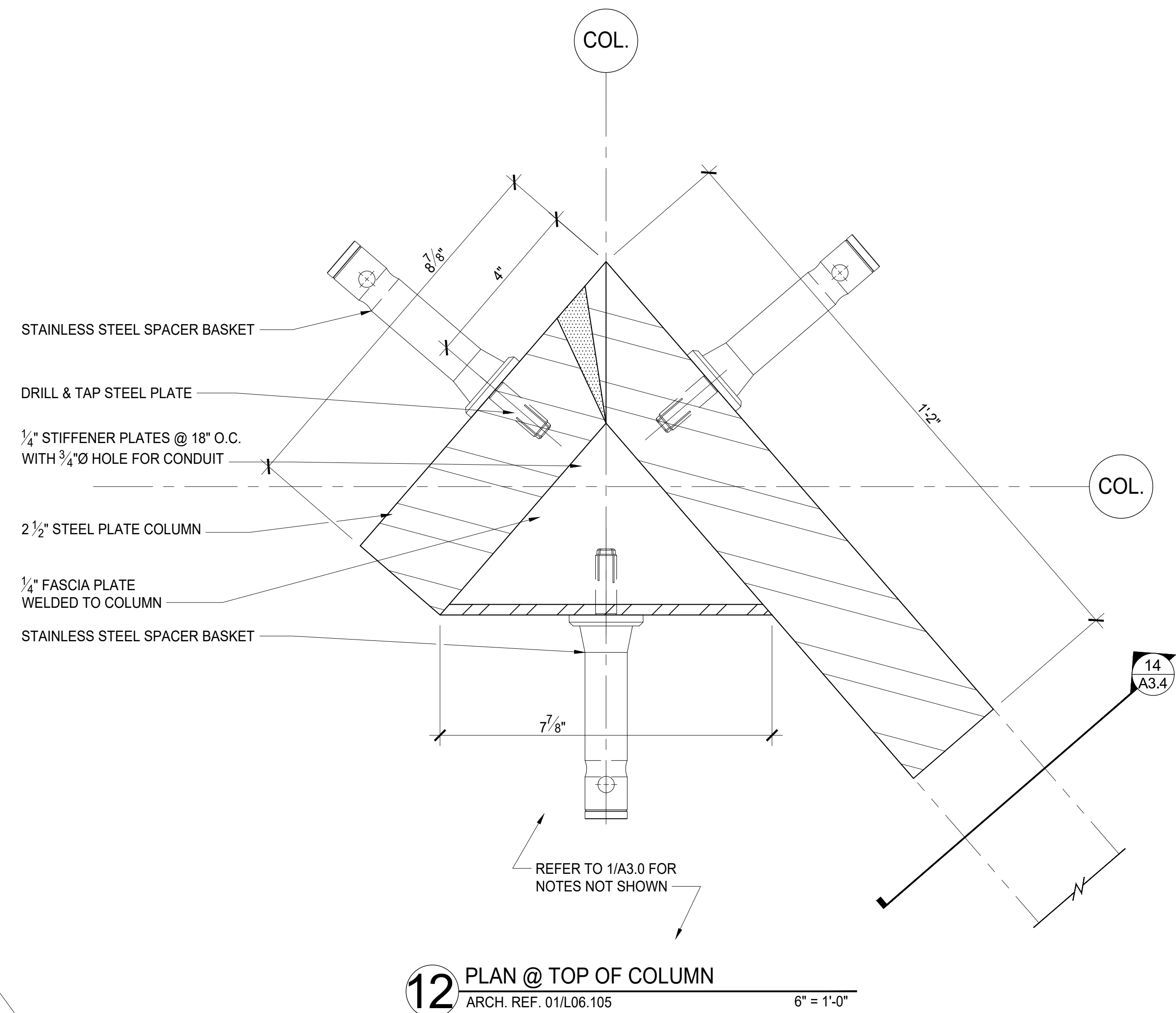
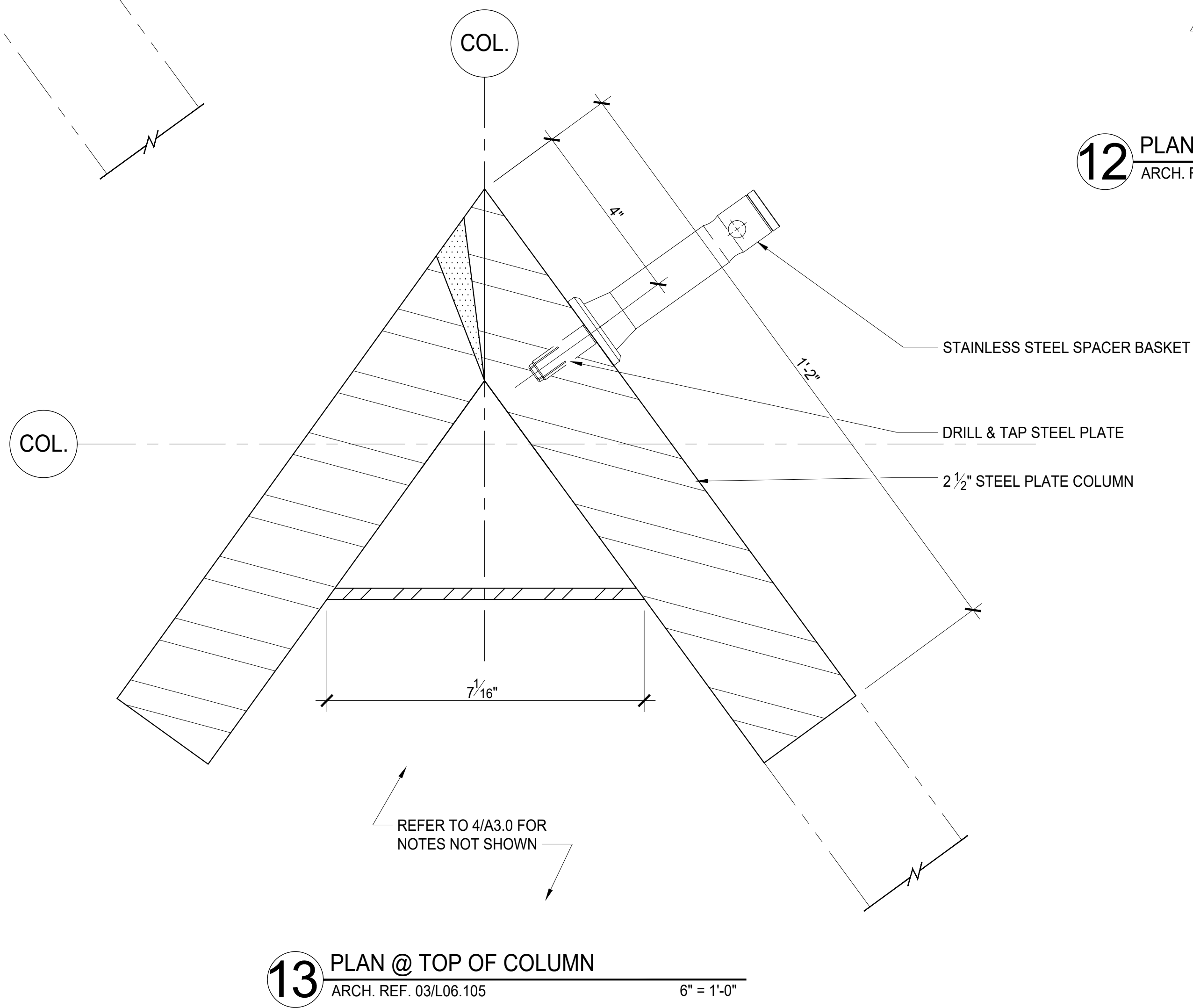
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	RECORD SET	9/13/20	-
Δ	CHANGE COLUMN SIZE	9/27/20	-
Δ	REVISE COLUMN SIZE	8/17/20	-
0	FOR CLIENT REVIEW	9/14/20	-
REV	DESCRIPTION	APP DATE	
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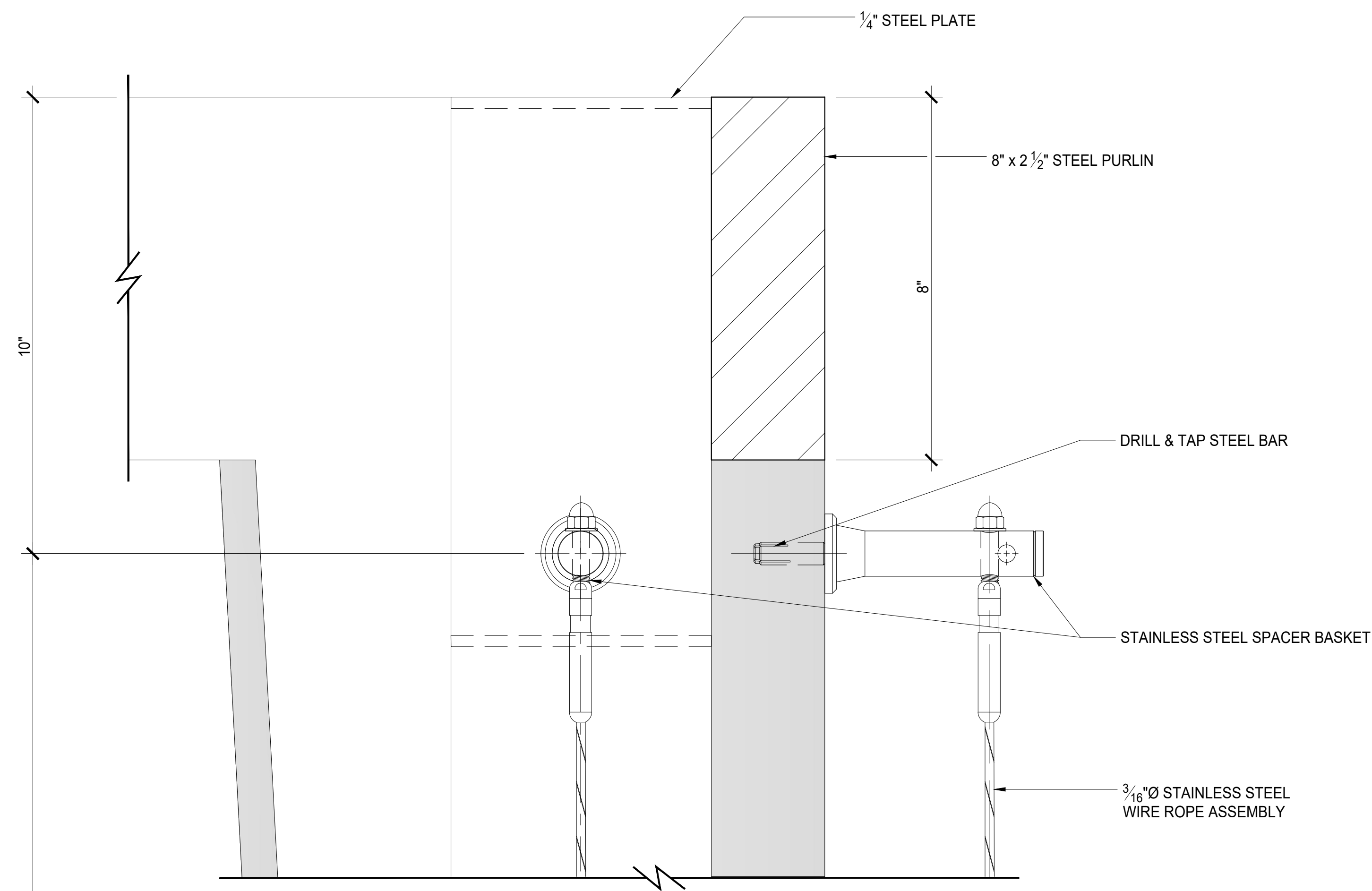
FINISH

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FINISH TYPE:
PAINT COLOR:

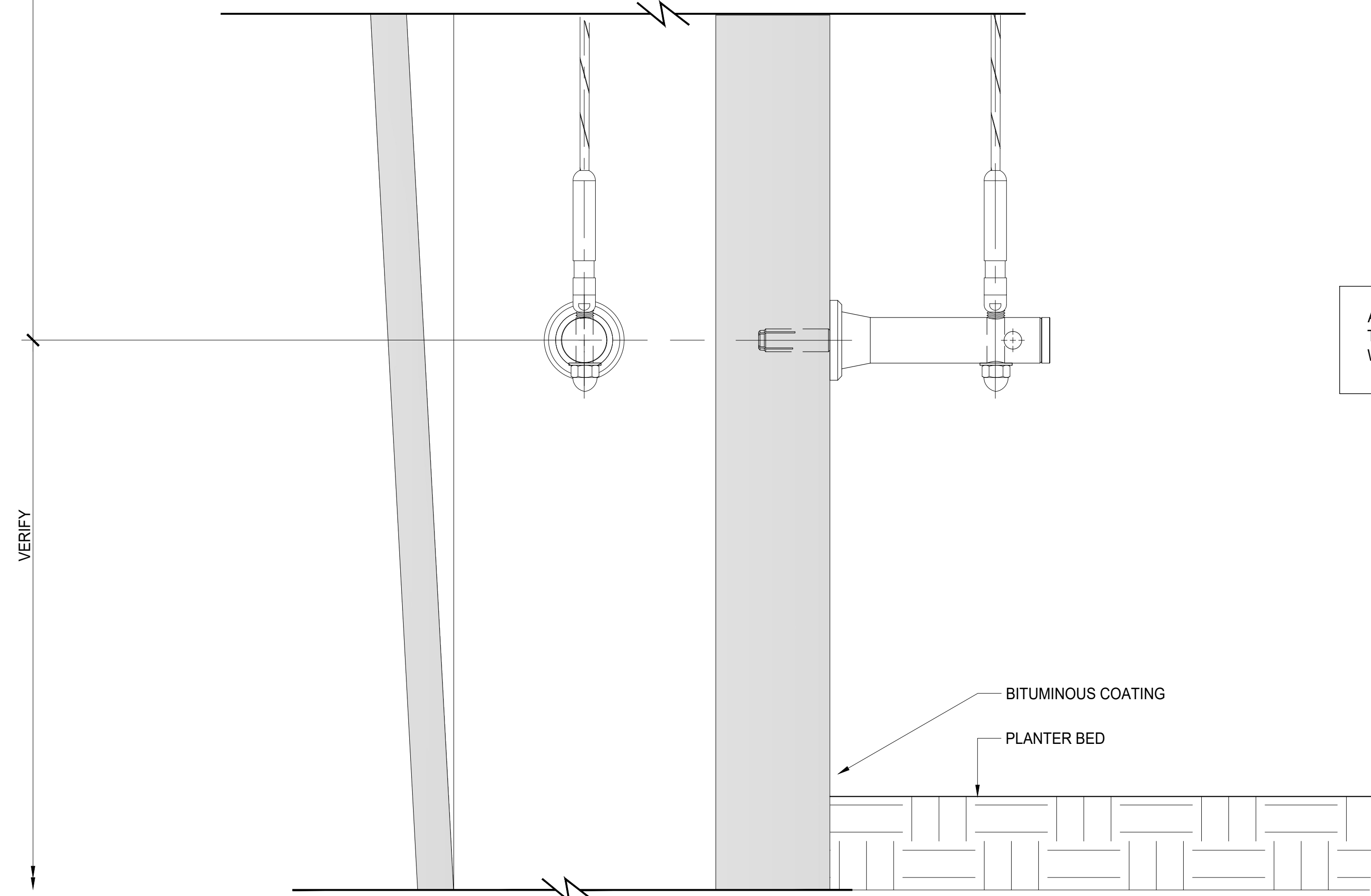
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RECORD SET	9/15/20	
CHANGE COLUMN SIZE	8/27/20	
REVISE COLUMN SIZE	8/17/20	
FOR CLIENT REVIEW	9/14/20	
REV	DATE	APP DATE
TITLE: SHEET NAME		

SO#	SHEET:
844	A3.4

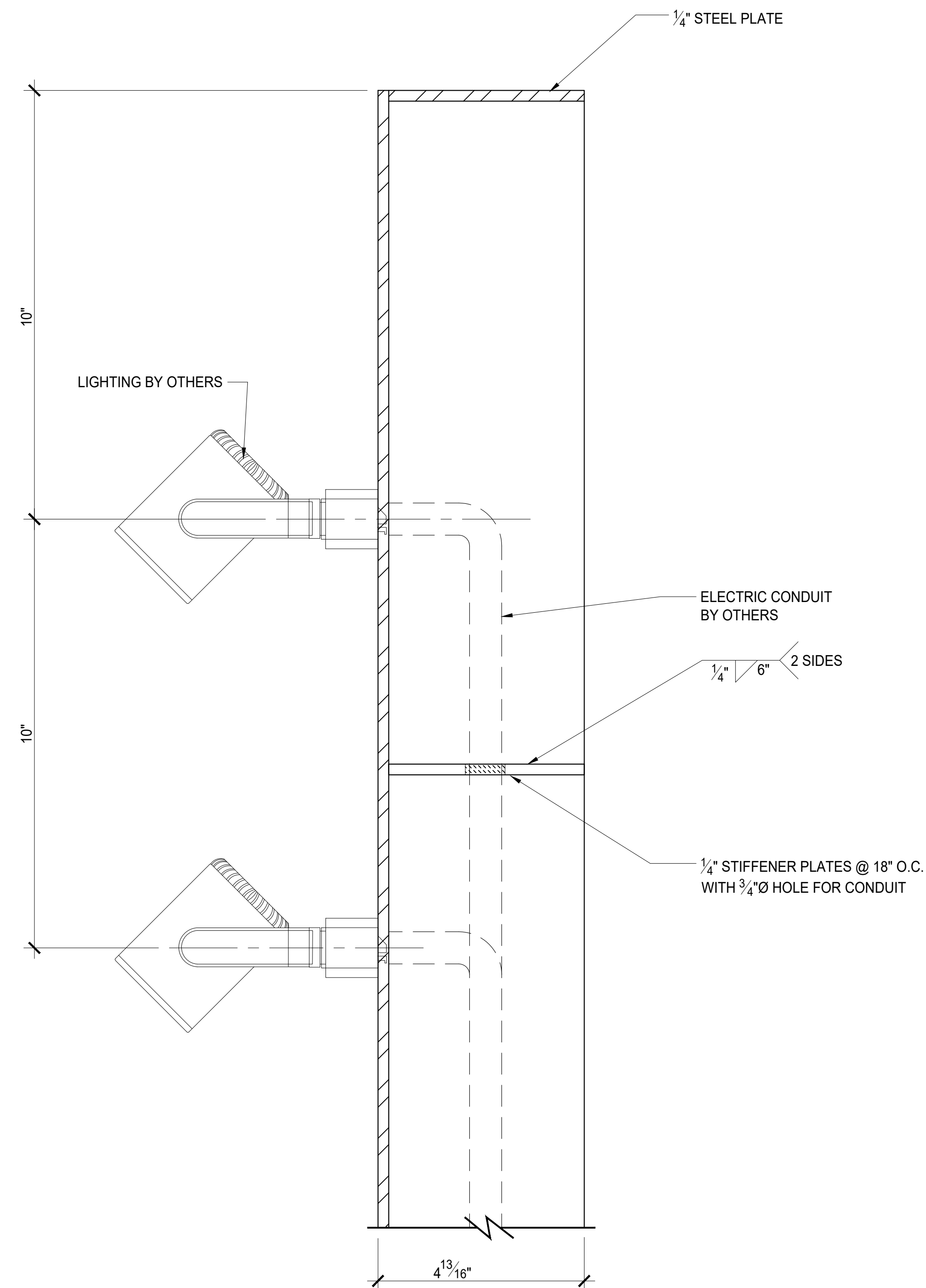


14 SECTION @ TOP OF COLUMN
ARCH. REF. 06/L06.105 6" = 1'-0"



15 SECTION @ BASE OF COLUMN
ARCH. REF. 04/L06.105 6" = 1'-0"

ARCH. NOTE: PLEASE CONFIRM COLUMNS
THAT GET LIGHTING AND COLUMNS GET
WIRE ROPE.



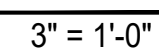
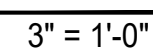
16 SECTION @ TOP OF COLUMN
ARCH. REF. 03/L06.105 6" = 1'-0"

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RECORD SET	CHANGE COLUMN SIZE	REVIEW COLUMN SIZE AND LOCATION	REMOVE SOURCE BOX	DATE	DATE	DATE
0	0	0	0	9/15/20	8/27/20	8/17/20
TITLE: SHEET NAME						

SO# 844	SHEET: A3.5
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