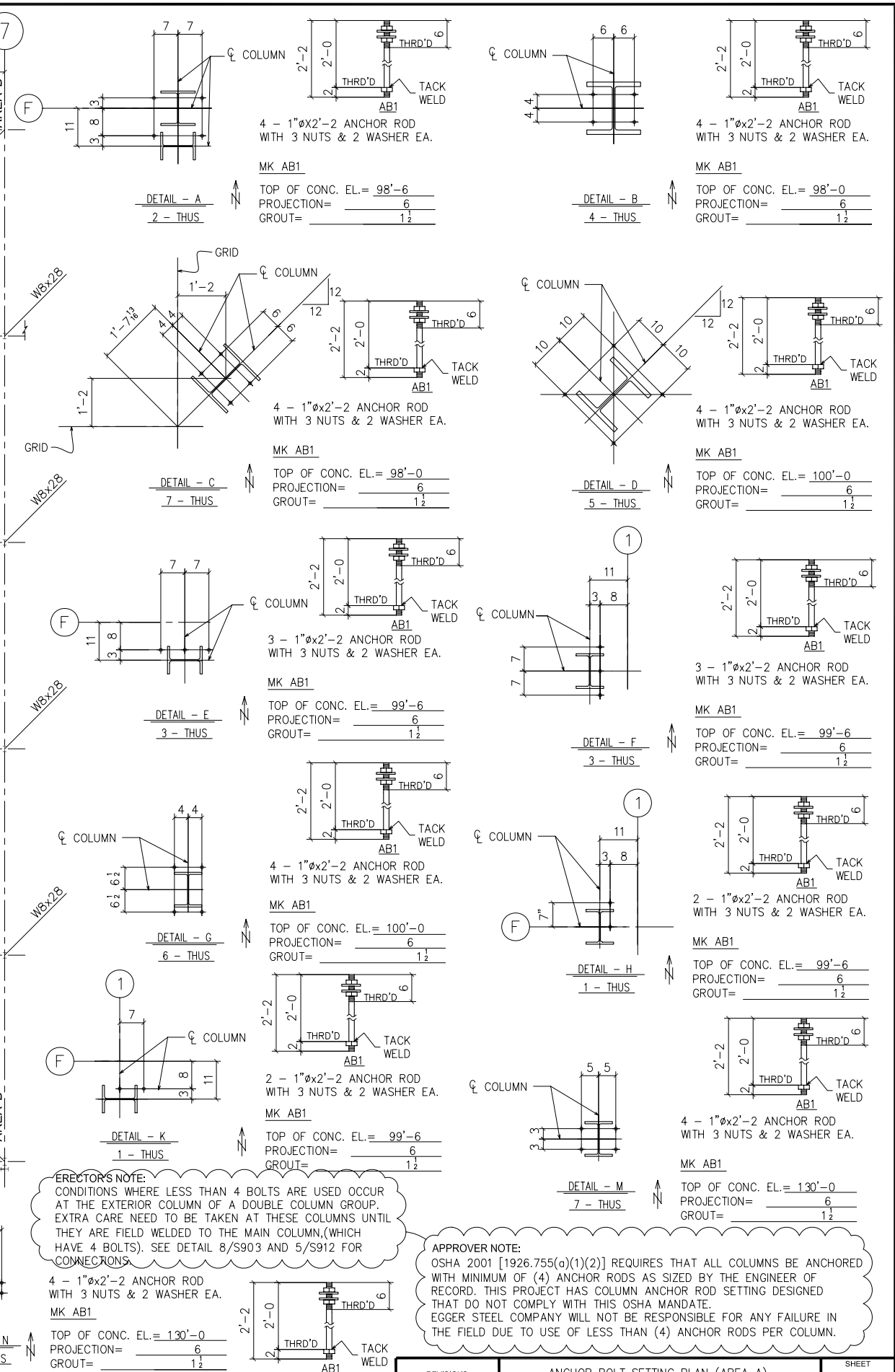
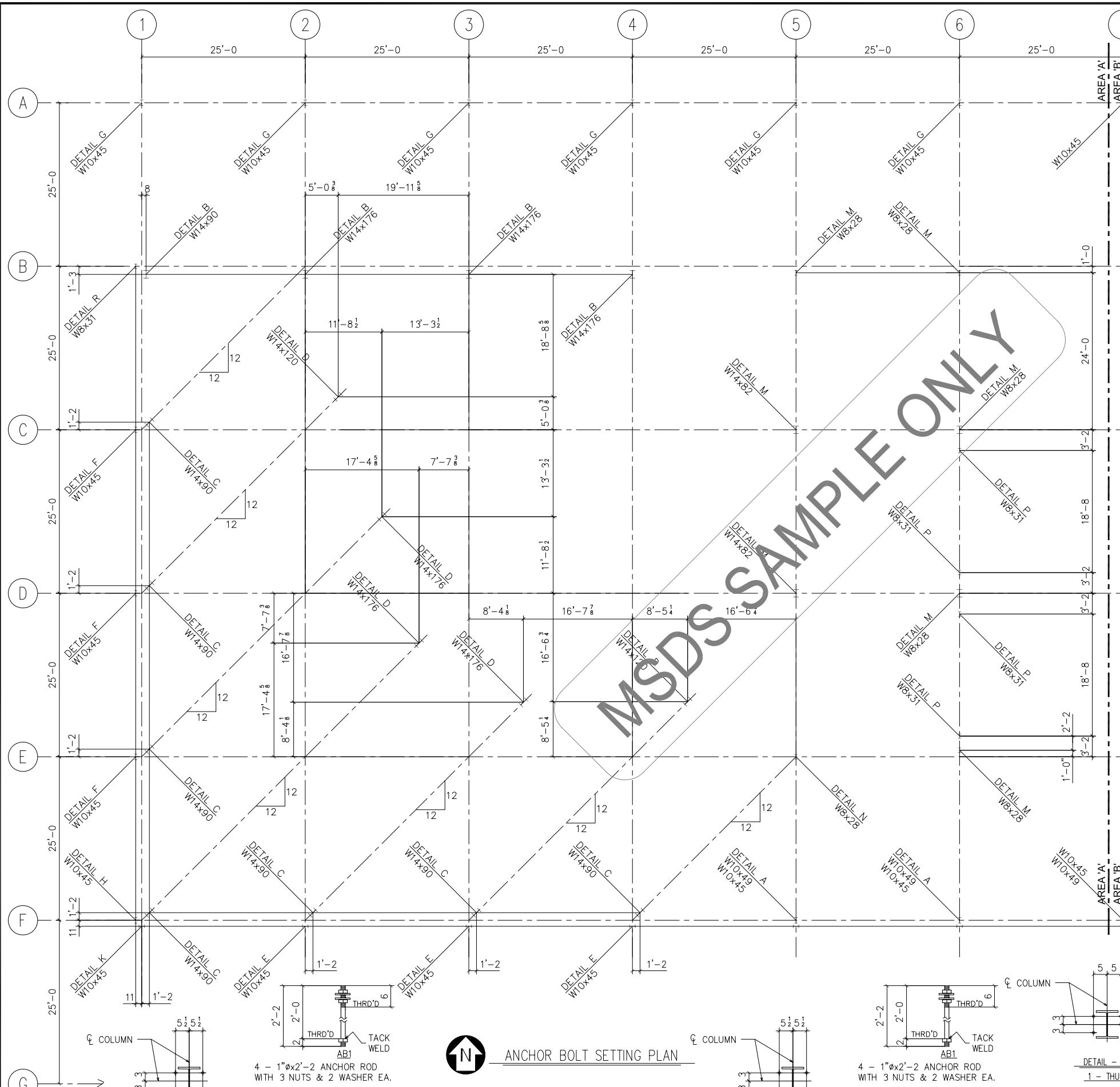




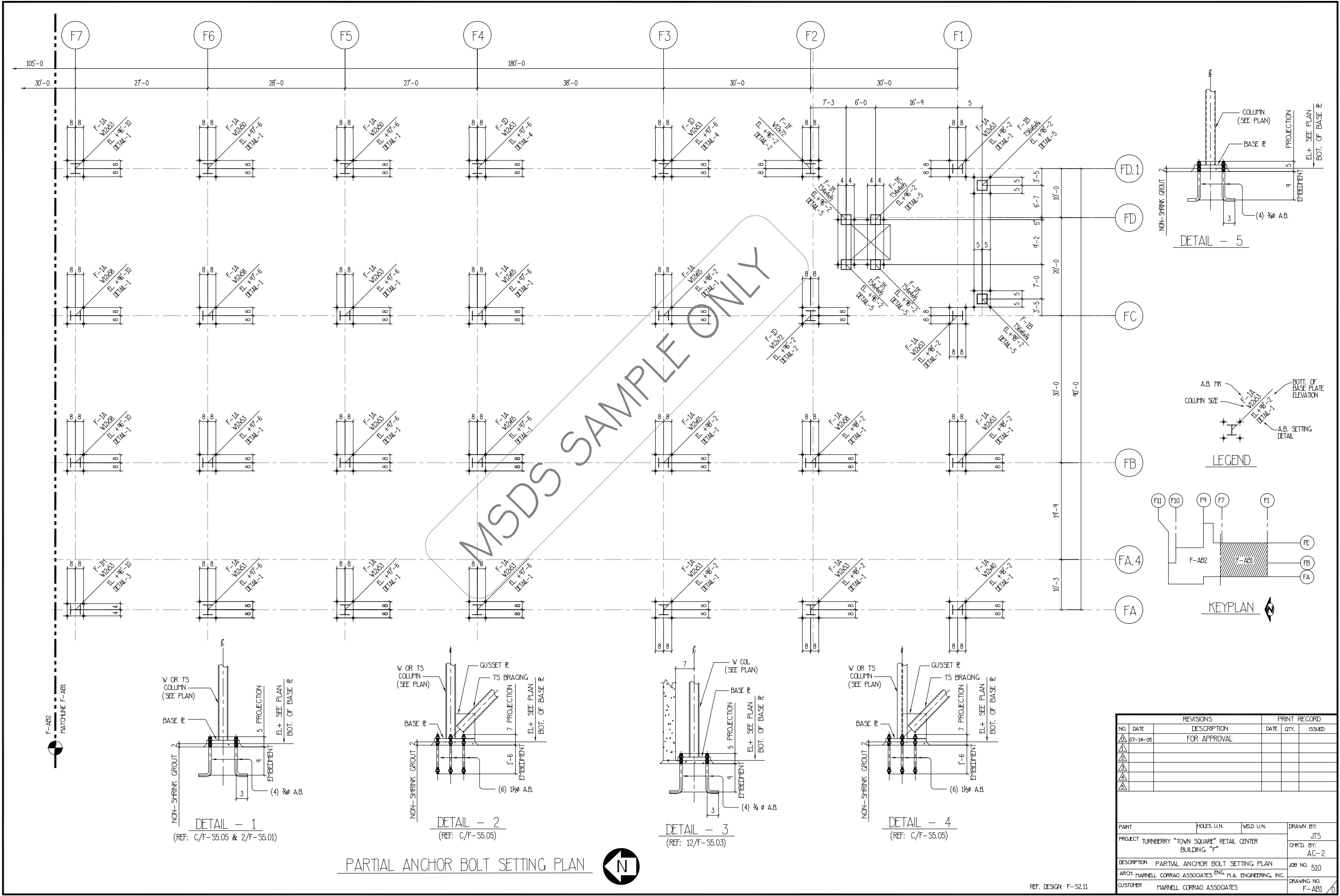
ERECTOR'S NOTE:
CONDITIONS WHERE LESS THAN 4 BOLTS ARE USED OCCUR AT THE EXTERIOR COLUMN OF A DOUBLE COLUMN GROUP. EXTRA CARE NEED TO BE TAKEN AT THESE COLUMNS UNTIL THEY ARE FIELD WELDED TO THE MAIN COLUMN, (WHICH HAVE 4 BOLTS). SEE DETAIL 8/S903 AND 5/S912 FOR CONNECTIONS.

APPROVER NOTE:
OSHA 2001 [1926.755(a)(1)(2)] REQUIRES THAT ALL COLUMNS BE ANCHORED WITH MINIMUM OF (4) ANCHOR RODS AS SIZED BY THE ENGINEER OF RECORD. THIS PROJECT HAS COLUMN ANCHOR ROD SETTING DESIGNED THAT DO NOT COMPLY WITH THIS OSHA MANDATE. EGGER STEEL COMPANY WILL NOT BE RESPONSIBLE FOR ANY FAILURE IN THE FIELD DUE TO USE OF LESS THAN (4) ANCHOR RODS PER COLUMN.



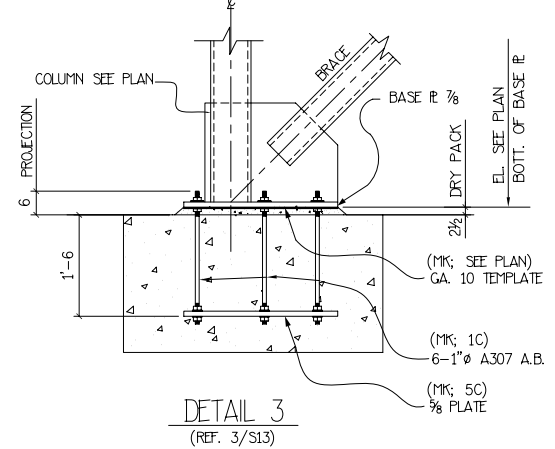
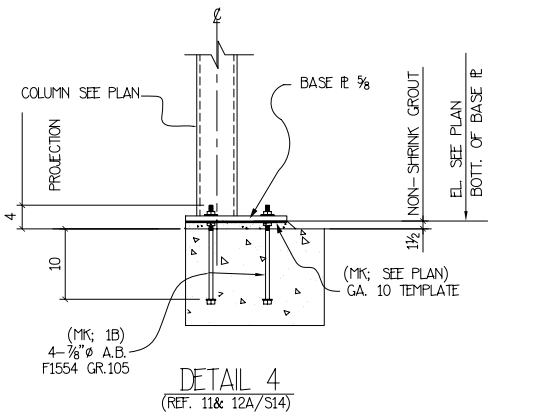
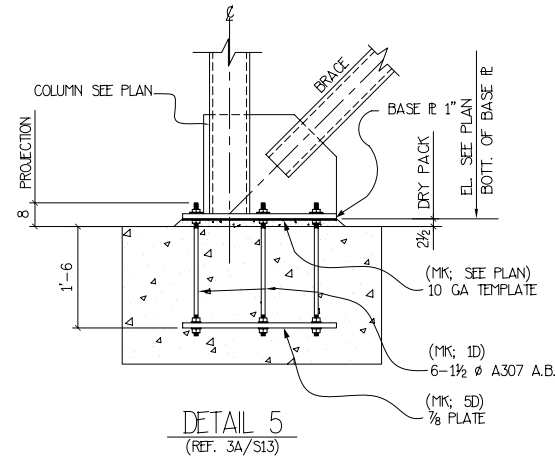
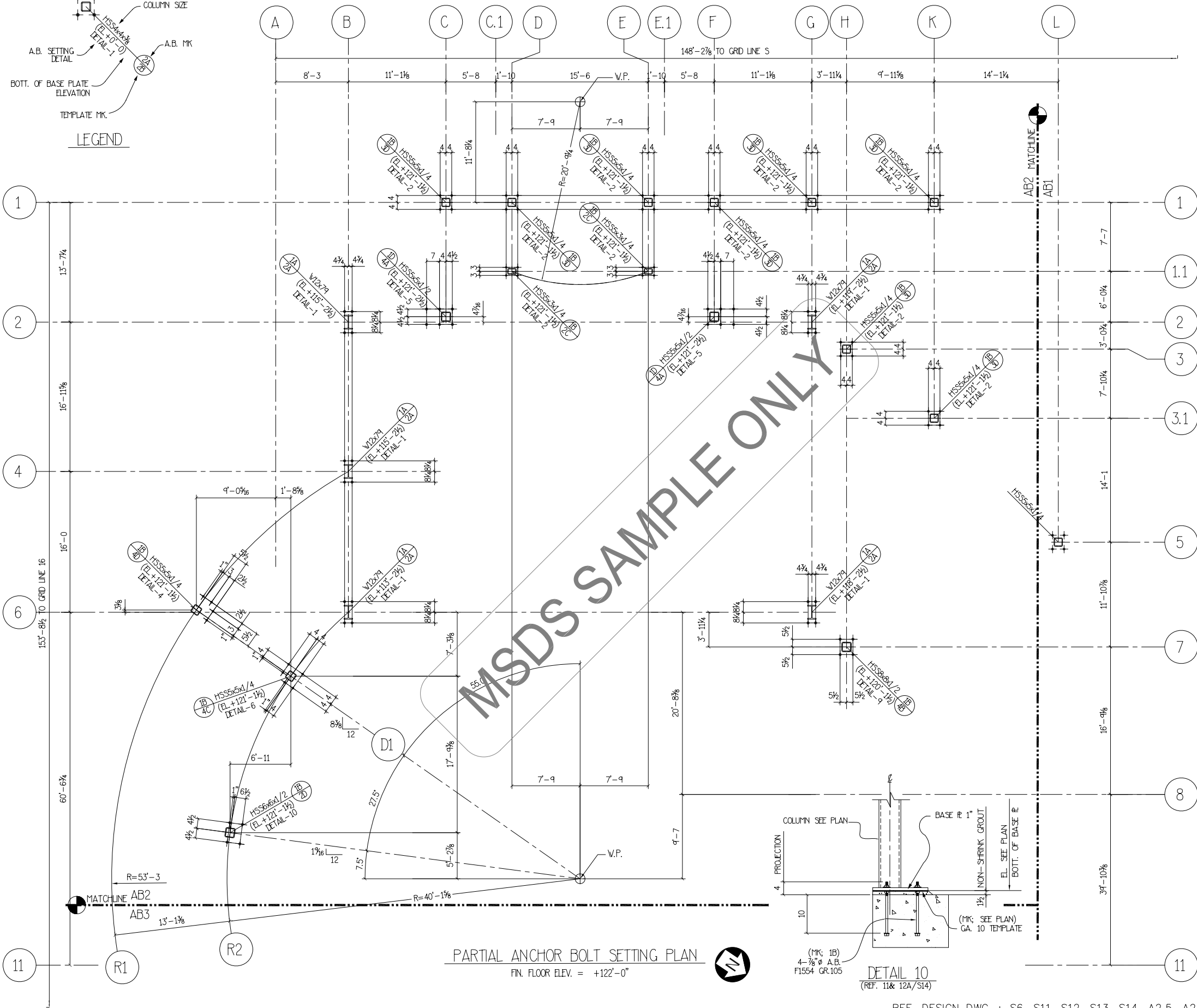
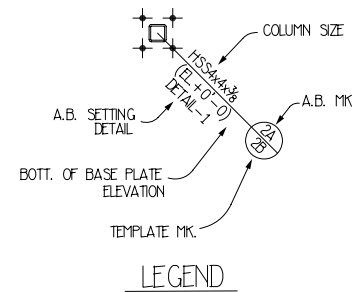
ANCHOR BOLT SETTING PLAN

REVISIONS			ANCHOR BOLT SETTING PLAN (AREA A)		SHEET AB1
LET	DATE	BY			DRAWN BY AF
A	03/03/03	JS	STRUCTURE COMO Park Visitor and Education Resource Center LOCATION St. Paul, MN CUSTOMER SHAW-LUNDQUIST ASSOCIATES INC. ARCHITECT Hammel, Green, and Abrahamson, Inc.		CHECKED BY JS
B					JOB NO. 2002-075
C					DATE 01-03



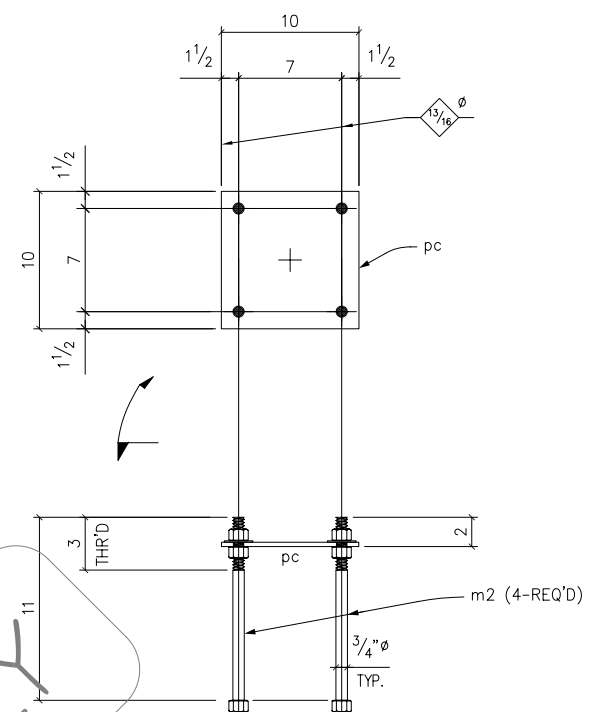
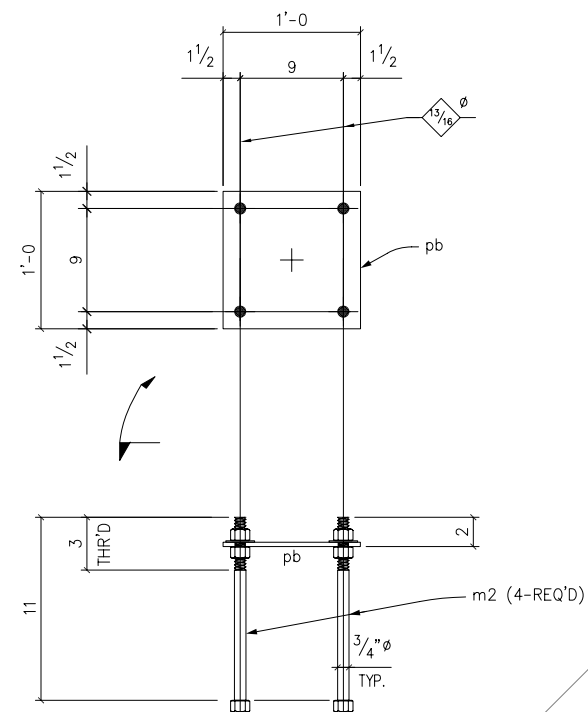
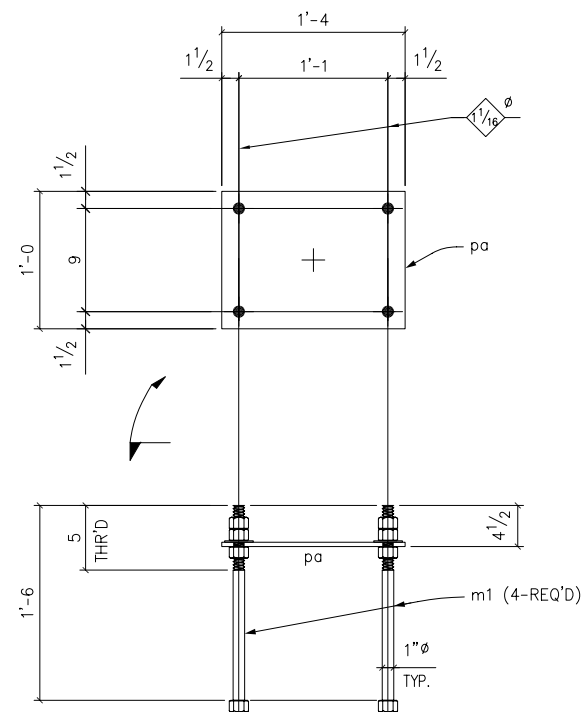
REVISIONS			PRINT RECORD		
NO.	DATE	DESCRIPTION	DATE	QTY.	ISSUED
1	07-14-05	FOR APPROVAL			
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PAINT	HOLES U.N.	WELD U.N.	DRAWN BY:
PROJECT	TURNBERRY "TOWN SQUARE" RETAIL CENTER		JTS
DESCRIPTION	PARTIAL ANCHOR BOLT SETTING PLAN		CH'D BY:
ARCHT	MARNELL CORRAO ASSOCIATES ENG. P.L.A. ENGINEERING, INC.		AC-2
CUSTOMER	MARNELL CORRAO ASSOCIATES		JOB NO. 510
			DRAWING NO. F-AB1



REVISIONS		
NO.	DATE	APP'D
1	1/7	
2	4/11	

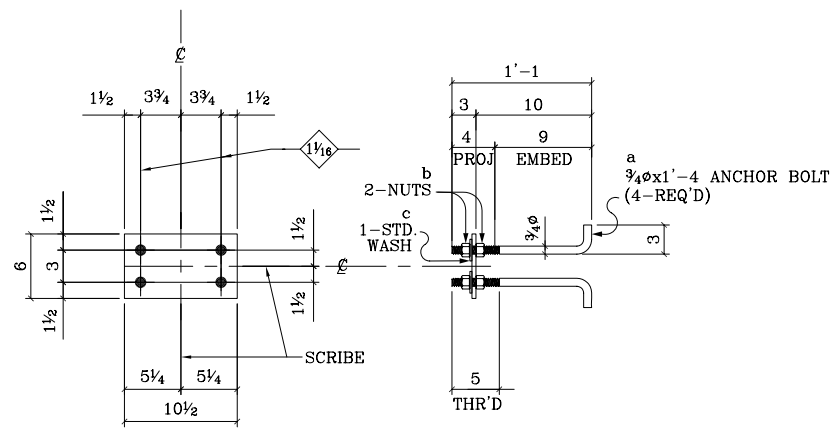
CUSTOMER: T.B. PENICK & SONS, INC.		PRINT RECORD	NO. OF PRINTS
PROJECT: ST. WILLIAM OF YORK		APPROVAL	
LOCATION: SAN DIEGO, CALIFORNIA		FINAL APPROVAL	
ANCHOR BOLT SETTING PLAN & SECTIONS		SHOP	
		ERECTION	
		CONTRACTOR	
		MAT. CONT.	
		REVISION	
ARCHITECT: HYNDMAN & HYNDMAN		ENGINEER: STERNMAN & DYSON	SCALE:
DRAWN BY: RS		DATE: 12/28/04	SHEET NO. AB2
CHECKED BY: JS-S		DATE: 1/04/05	JOB NO. 402-05
APPROVED BY:		DATE:	

[illegible]

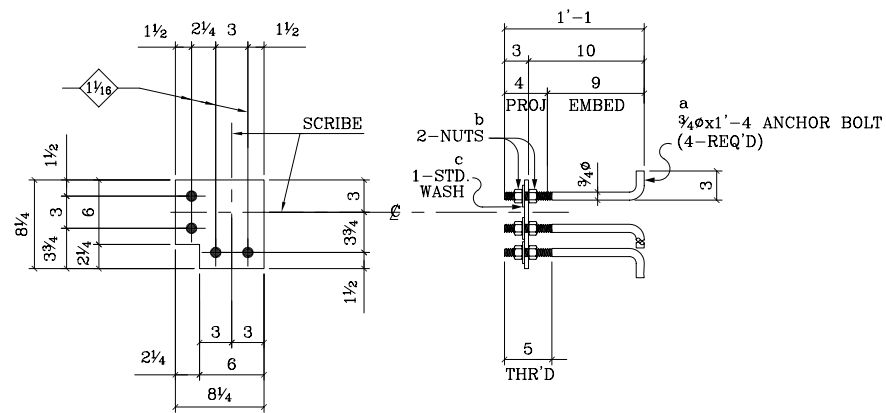
REF: AB1

MATERIAL TO BE ASTM						A36 / A992 _____ UNLESS NOTED						
OPEN HOLES ARE:						$\phi \frac{13}{16}$ " _____ UNLESS NOTED						
DEBURR HOLES						_____						
SHOP PAINT:						One S/C Primer _____						

					REVISION								
					TITLE	ANCHOR BOLT/TEMPLATE DETAIL							
					JOB	B.J.'s RESTAURANT							
					LOCATION	LAGUNA DRIVE, ELK GROVE, CA 95758							
					CONTRACTOR	TERRA NOVA					1"=1ft		
				DATE	DRAWN	CHECKED	DATE		JOB #	C/O	Group	SHEET	
					RM	JS-1	11-01-05		8239	-	-	D7	
				REV #	COORDINATOR Neil Hanlon								



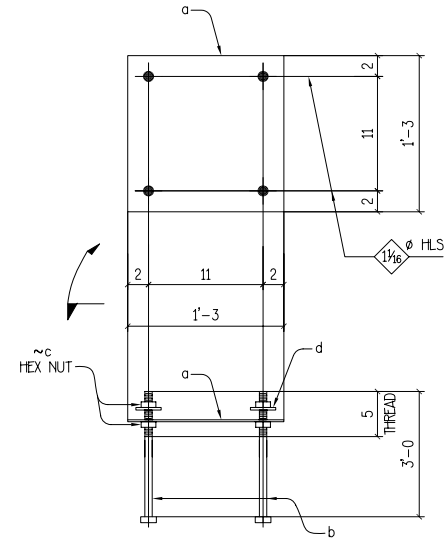
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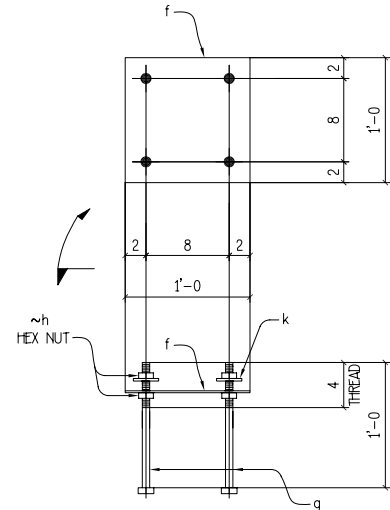
(REF: 2/AB1)

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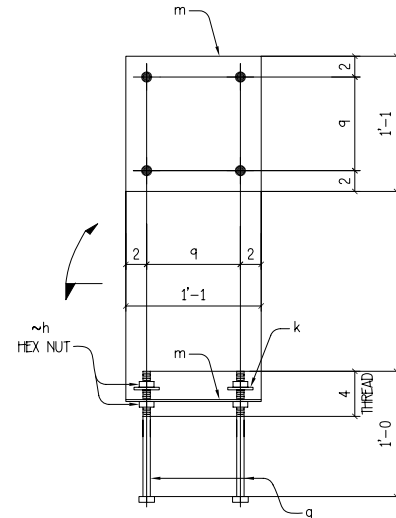
WORK WITH SHEETS				PROJECT		MONTEREY PENINSULA COUNTRY CLUB					
MATERIAL		PRINTS ISSUED									
WIDE FLANGE	A992	SUBMITTAL-1	01/11/06	ADDRESS		3000 CLUB ROAD					
WT SECTIONS	A992	REVISION-A	00/00/00			PEBBLE BEACH, CA 93953					
TS/HSS	A500 GR-B	REVISION-B	00/00/00								
PIPE	A53 GR-B	FABRICATION	00/00/00	CONTRACTOR		DMC CONSTRUCTION					
CHANNELS	A572			ARCHITECT		THE WARNER GROUP					
ANGLES	A36			ENGINEER		HOWARD AND VAN SANDE					
PLATE	A36									CDSI-0464	
A-BOLTS	-				BY	DATE		BY	DATE	RELEASED	
A-BOLTS MOMENT FRAMES	-			DRAWN	RM	01/11/06	CHECKED	MDS	01/11/06	-	-
WELDS	E70XX			REV-A	-	-	CHECKED	-		-	-
				REV-B	-	-	CHECKED	-		-	-
HOLE / BOLT											
OPEN HOLES	13/16ø UNO										
BOLTS	3/4ø										
SURFACE FINISH/PAINT NOTE											
CLEAN	SSPC- SP-1										
	SSPC- SP-3										
PAINT	NO PAINT										
APPROVAL SET ONLY				JOB NO:		06-04		SHEET		01	Ⓐ



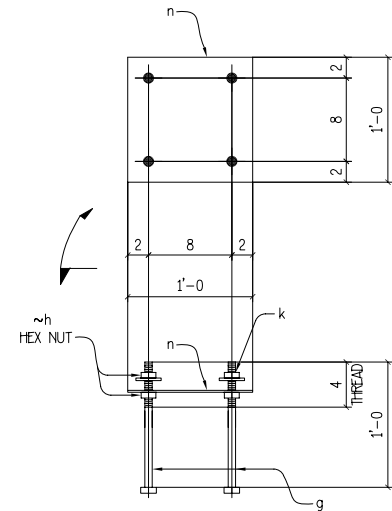
2 ~ ANCHOR BOLT ASSEMBLY ~ 10001A



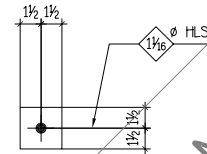
10 ~ ANCHOR BOLT ASSEMBLY ~ 10001B



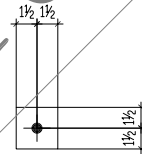
ONE ~ ANCHOR BOLT ASSEMBLY ~ 10001C



2 ~ ANCHOR BOLT ASSEMBLY ~ 10001D



DET. OF d



DET. OF k

MSDS SAMPLE ONLY

KSF CERTIFIES THAT IT HAS REVIEWED THIS DRAWING AND BELIEVES IT TO BE IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. DIMENSIONS HAVE BEEN CHECKED, AND INTERFACE WITH OTHER CONTRACTORS AND TRADES HAS BEEN CONSIDERED.

BY :
KERN STEEL FABRICATION, INC.

MATERIAL SPECS
W SHAPES - A992
CHANNELS, ANGLES & PLATES - A36 U.N.O.
TUBE STEEL - A500-B
PIPES - A53-B

BILL OF MATERIALS

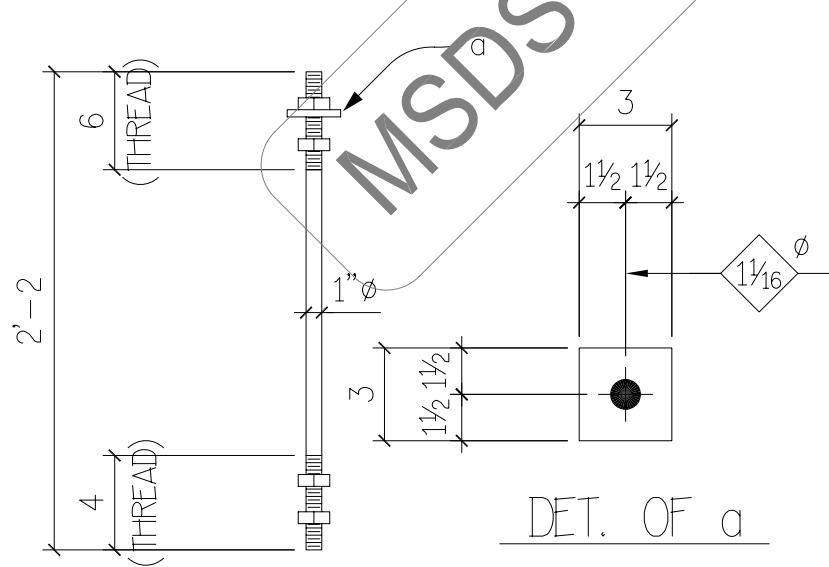
LINE	ASSY. MARK	DETAIL PCS.	DESCRIPTION	P L	LENGTH OR PATTERN NO.	PIECE MARK	MATERIAL	DEPTS.	WEIGHT
1	10001A	2	ANCHOR BOLT ASSEMBLY						
2		2	PL 1/2 x 15		1'-3	a			
3		8	AB 1 ø		3'-0	b	F1554, GR.36		
4		16	NUT 1 ø			c	A307		
5		8	PL 3/8 x 3		0'-3	d			
6									
7									
8	10001B	10	ANCHOR BOLT ASSEMBLY						
9		10	PL 1/2 x 12		1'-0	f			
10		40	AB 3/4 ø		1'-0	g	F1554, GR.36		
11		80	NUT 3/4 ø			h	A307		
12		40	PL 3/8 x 3		0'-3	k			
13									
14									
15	10001C	ONE	ANCHOR BOLT ASSEMBLY						
16		1	PL 1/2 x 13		1'-1	m			
17		4	AB 3/4 ø		1'-0	g	F1554, GR.36		
18		8	NUT 3/4 ø			h	A307		
19		4	PL 3/8 x 3		0'-3	k			
20									
21									
22	10001D	2	ANCHOR BOLT ASSEMBLY						
23		2	PL 1/2 x 12		1'-0	n			
24		8	AB 3/4 ø		1'-0	g	F1554, GR.36		
25		16	NUT 3/4 ø			h	A307		
26		8	PL 3/8 x 3		0'-3	k			
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	04/28/05	CM	REVISED AS NOTED
	03/22/05	CM	FOR FABRICATION
	02/07/05	JS	FOR APPROVAL
NO.	DATE	BY	REVISION
HOLES: 13/16" U.N		PAINT: NO PAINT	
RIVETS:		MAT'L: A36 U.N.	
REF. AR10001			
ARCH: OMA-REA		ENGINEER: JOHN A. MARTIN & ASSOCIATES	
DRAWN BY:			
DRAWN : AC		DATE : 02/03/05 CHK'D :CM-5/RD-1 DATE : 02/04/05	
PROJECT: FRONTIER HIGH SCHOOL (BLDG. 1000)			ORDER NO.
Location: BAKERSFIELD, CAL.			6658
Contractor: COLOMBO CONSTRUCTION			DRAWING NO.
Sheet Title: ANCHOR BOLT ASSEMBLY DETAILS			10001 

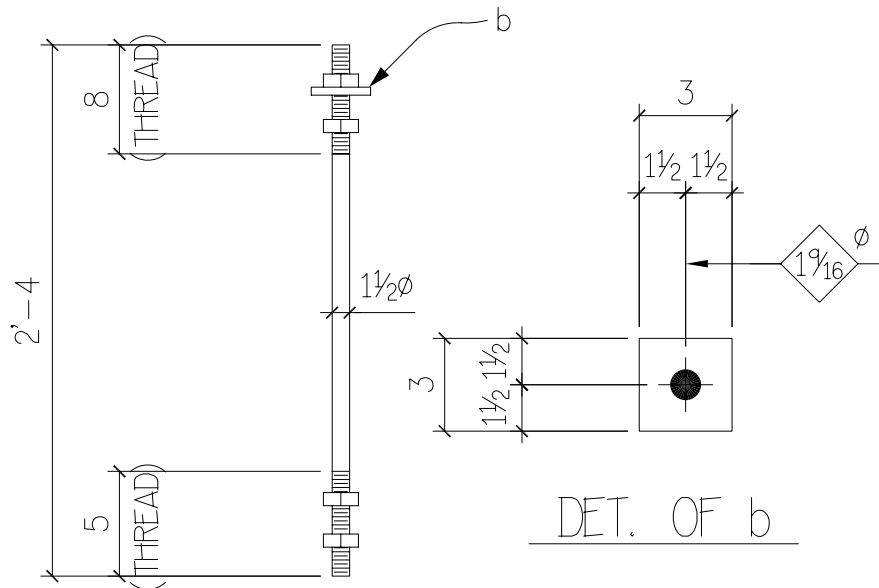


80 – HEADED ANCHOR BOLTS – 1A

226 – HEADED ANCHOR BOLTS – 1B



48 – ANCHOR BOLTS – 1C



24 – ANCHOR BOLTS – 1D

MATERIAL LIST

SHIPPING MARK	ASSEMBLY MARK	NO. PIECES	SIZE	LENGTH		NOTES
				FT.	IN.	
1A		80	1 1/2" HEADED A. BOLTS	1	7	ASTM F1554 GR. 105
		160	1 1/2" HEX NUTS			
		80	1 1/2" WASHER			
1B		226	7/8" HEADED A. BOLTS	1	2	ASTM F1554 GR. 105
		452	7/8" HEX NUTS			
		226	7/8" WASHER			
1C		48	1" A. BOLTS	2	2	A307
		192	1" HEX NUTS			
		a	PL 1/4x3	0	3	
1D		24	1 1/2" A. BOLTS	2	4	A307
		96	1 1/2" HEX NUTS			
		b	PL 1/4x3	0	3	

STRUCTURAL STEEL SHAPES: ASTM A992 U.N.

SHOP PAINT NO PAINT %

FIELD PAINT %

TOTAL WEIGHT

BOLTS _____ HOLES 1 1/16" Ø _____ UNLESS OTHERWISE NOTED
NOTE _____ END & EDGE _____ UNLESS OTHERWISE NOTED

REVISIONS

NO.		DATE	APP'D
△	FOR APPROVAL	1/7	
△	FOR FABRICATION	4/11	
△			

CUSTOMER:	T.B. PENICK & SONS, INC.	PRINT RECORD	NO. OF PRINTS	DATE
PROJECT:	ST. WILLIAM OF YORK	APPROVAL		
LOCATION:	SAN DIEGO, CALIFORNIA	FINAL APPROVAL		

ANCHOR BOLTS

ARCHITECT:	HYNDMAN & HYNDMAN	ENGINEER:	STEDMAN & DYSON STRUCTURAL ENGINEERS	SCALE:
DRAWN BY:	RS	DATE:	12/29/04	SHEET NO. 1
CHECKED BY:	JS-5	DATE:	1/04/05	JOB NO. 402-05
APPROVED BY:	.	DATE:	.	