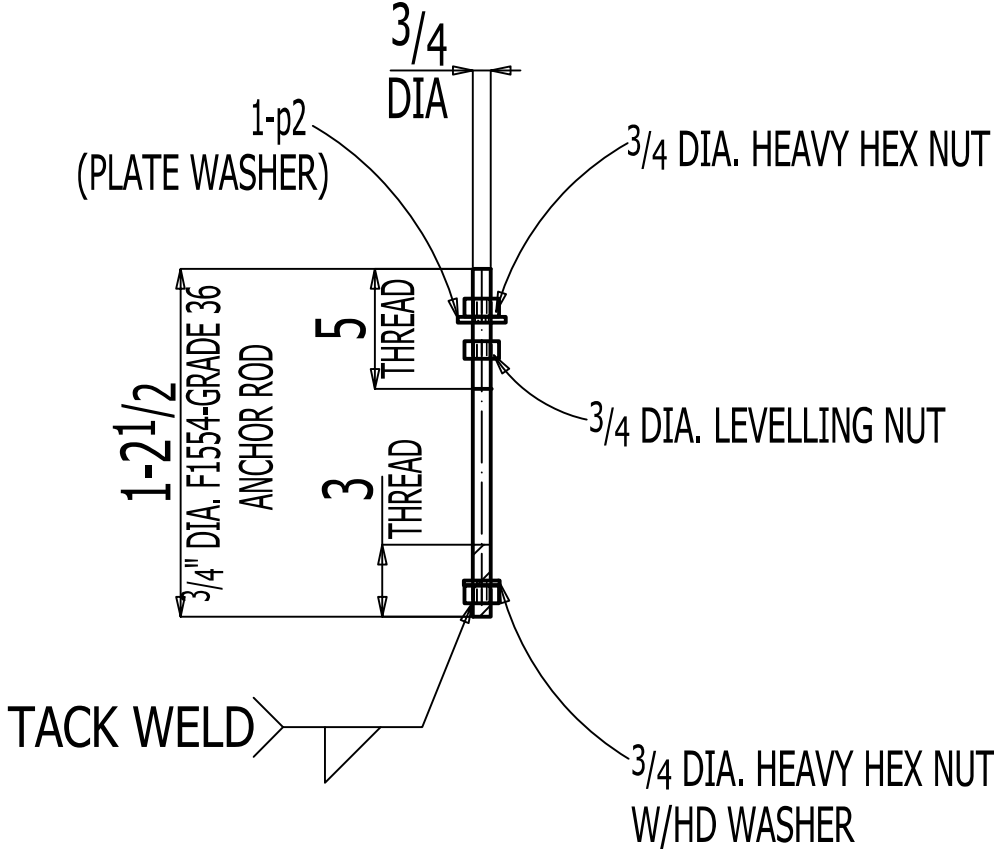


126 PL 1/4x2x0-2 p2
GRADE: A36

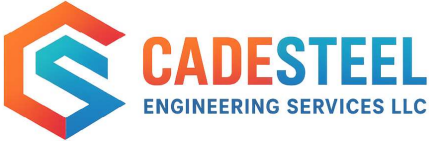
117 ANCHOR RODS 1AB1

SAMPLE DRAWINGS

BILL OF MATERIAL

LINE #	QTY TOTAL	PC MARK	DESCRIPTION	LENGTH		STEEL GRADE	REMARKS	WEIGHT TOTAL
117	1AB1		ANCHOR ROD					246
117	1AB1		3/4" DIA ANCHOR ROD	1	2 1/2	F1554 GR36		213
117	p2		PL 1/4x2	0	2	A36		33
234			3/4 DIA HEAVY HEX NUT			A563		
117			3/4 DIA LEVELLING NUT			A563		
117			3/4 HD WASHER			F436		

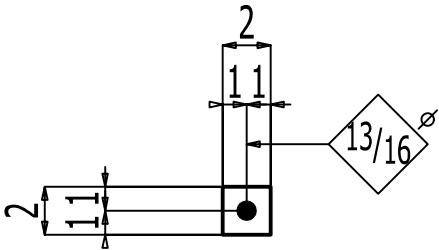
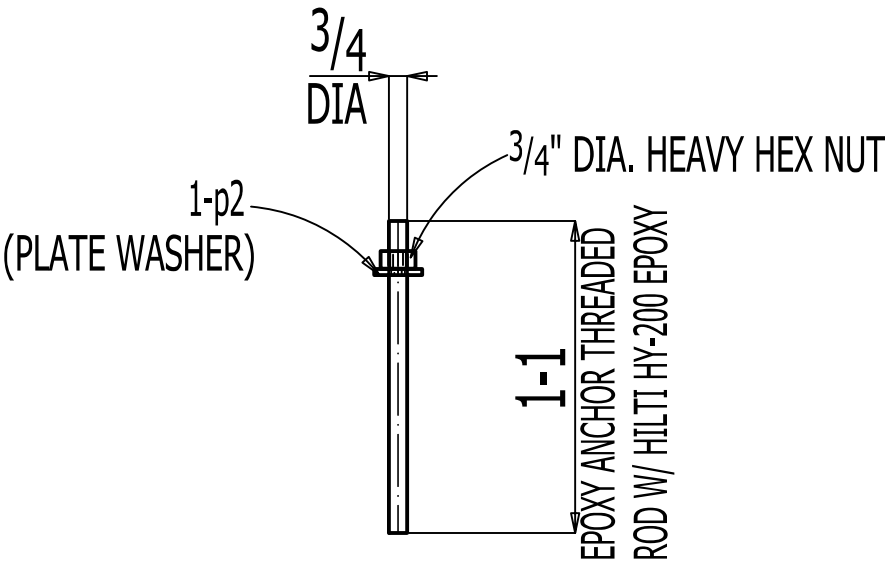
Total weight : 246

REV	DATE	DESCRIPTION
 CADESTeel ENGINEERING SERVICES LLC		
PROJECT: -----		
CUSTOMER: -----		
DETAIL: ANCHOR BOLT		
DRAWN: YSP DATE: 01-17-2025		JOB NO: -----
CHECKED: DSP DATE: 01-17-2025		SHEET: 1
E DWG. REF. :		REV. A

SHOP NOTES	
ELECTRODE: E70XX UNO	
CLEANING: -----	
PAINT: NO PAINT	
E DWG. REF. :	

BILL OF MATERIAL							
LINE	QTY	PC		LENGTH		STEEL	
#	TOTAL	MARK	DESCRIPTION			GRADE	REMARKS
	9	2AB1	THREADED ANCHOR ROD				
	9	2AB1	3/4' DIA. THREADED	1	1	F1554 GR36	W/HILTI HY-200 EPOXY
			EPOXY ANCHOR				
	9	p2	PL 1/4x2	0	2	A36	
	9		3/4 HEAVY HEX NUT			A563	

Total weight : 17

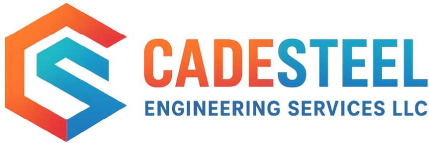


126 PL 1/4x2x0-2 p2

GRADE: A36

9 THREADED ANCHOR RODS 2AB1

REV	DATE	DESCRIPTION
-----	------	-------------

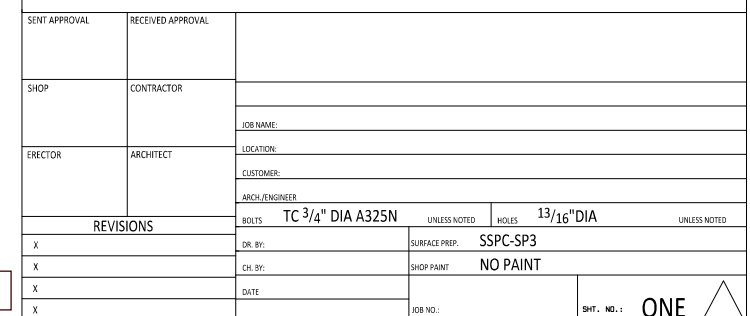


SHOP NOTES		PROJECT: -----			
ELECTRODE: E70XX UNO		CUSTOMER: -----			
CLEANING: -----		DETAIL: ANCHOR BOLT			
PAINT: NO PAINT	DRAWN: YSP DATE: 01-17-2025	JOB NO: ----	SHEET: 2	REV. A	
	CHECKED: DSP DATE: 01-17-2025				
E DWG. REF. :					

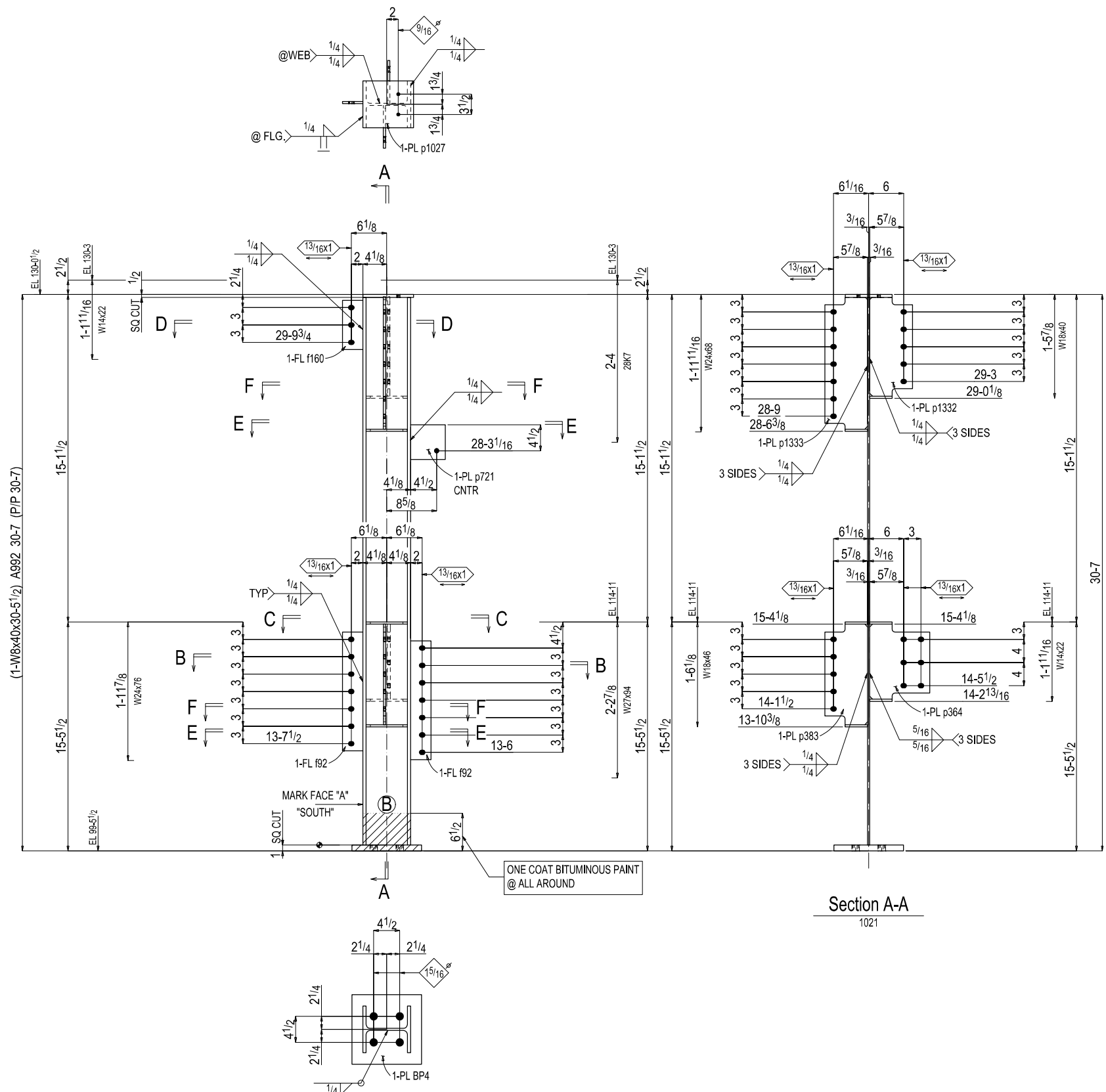
SAMPLE DRAWINGS



al weight : 2710



SAMPLE DRAWINGS

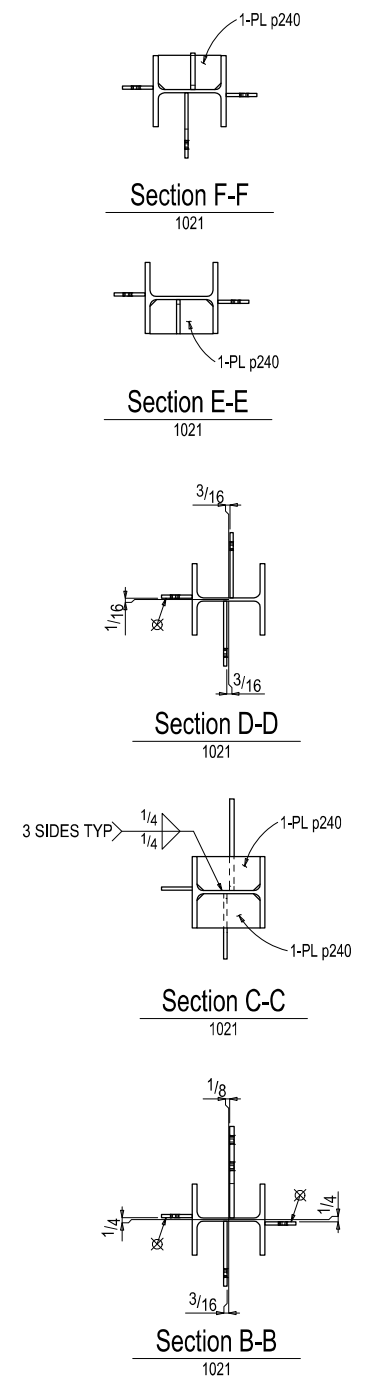


ONE COLUMN 1021

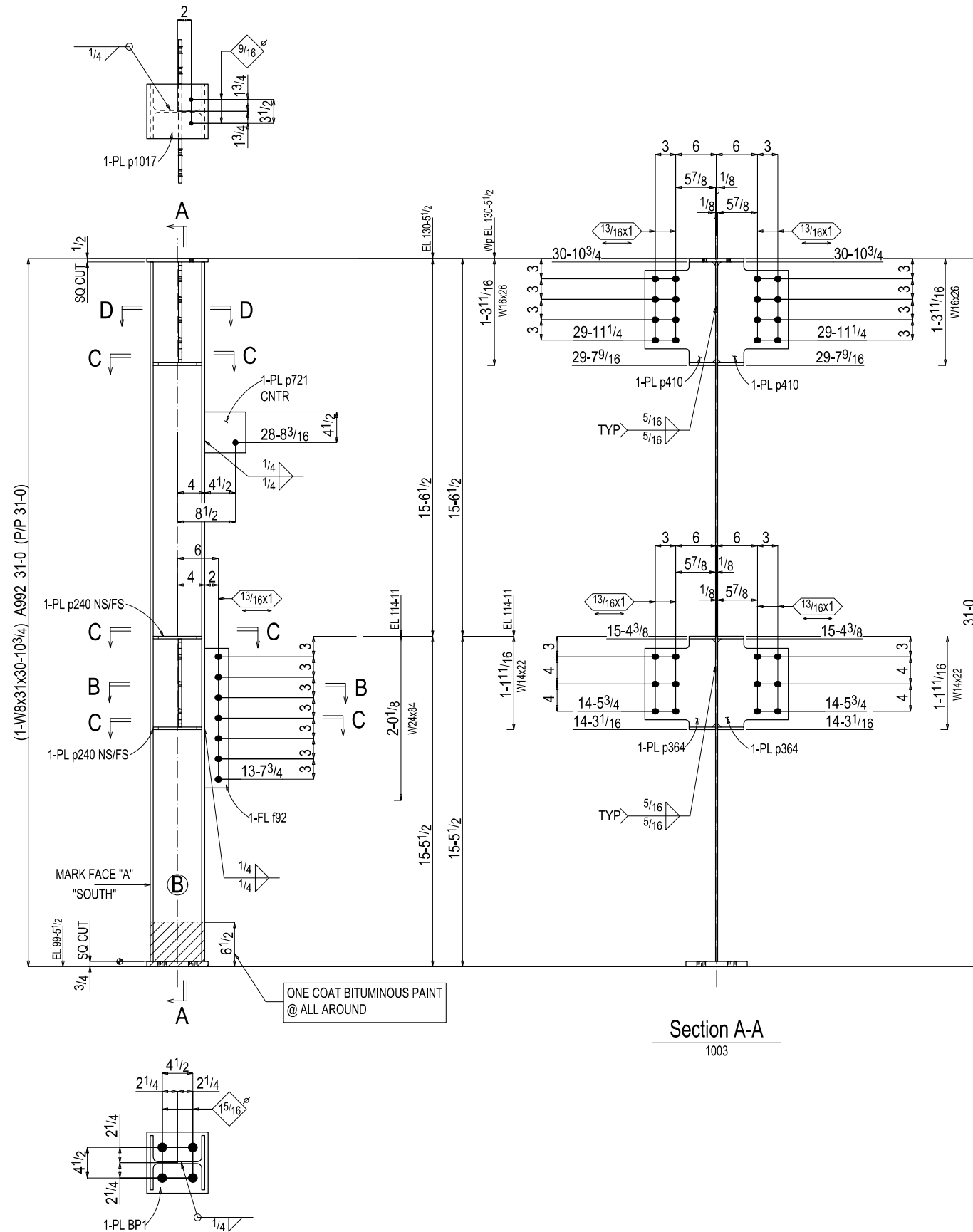
W | 8 1/4 x 3 3/8
F | 8 1/16 x 9 1/16

AT GRID:
C.1 & 9.9

FIELD BOLTS:
2-1/2 in Ø x 1 1/2 A307



BILL OF MATERIAL						
SEQ #	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
1	ONE	1021	COLUMN			1373
	1	1021	W8x40	30 5 1/2	SIZE A992	1218
	1	BP4	PL 1x12	1 0	A36	41
	1	p364	PL 1/2 x 10 3/8	1 0 15 1/16	A36	19
	1	p1027	PL 1/2 x 8 1/16	0 8 3/4	A36	10
	1	p721	PL 1/2 x 6	0 6	A36	5
	1	p1333	PL 3/8 x 7 3/8	1 10 3/4	A36	18
	1	p383	PL 3/8 x 7 3/8	1 5 3/8	A36	14
	1	p1332	PL 3/8 x 7 3/8	1 5	A36	13
	6	p240	PL 3/8 x 2 7/8	0 7 1/8	A36	18
	2	f92	FL 3/8 x 3 1/2	1 8 1/2	A36	14
	1	f160	FL 3/8 x 3 1/2	0 8 1/2	A36	3
			FIELD BOLTS			
	2		1/2 in Ø A307	0 1 1/2	WINUT A563	



ONE COLUMN 1003

AT GRID:
M.2 & 9

W 8x5/16
F 8x7/16

BILL OF MATERIAL

SEQ #	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
1	ONE	1003		COLUMN			1097
	1	1003	W8x31		30	SIZE A992	958
	1	BP1	PL 3/4x9		0	A36	17
	2	p410	PL 1/2x10 3/8		1	2 13/16	44
	2	p364	PL 1/2x10 3/8		1	0 15/16	38
	1	p1017	PL 1/2x8		0	A36	10
	1	p721	PL 1/2x6		0	A36	5
	6	p240	PL 3/8x3 1/8		0	7 1/8	18
	1	f92	FL 3/8x3 1/2		1	8 1/2	7
				FIELD BOLTS			
	2		1/2in Ø A307		0	1 1/2	WINUT A563

Section D-D

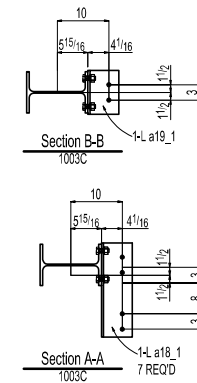
1003

Section C-C

1003

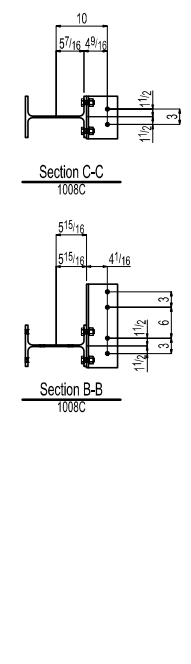
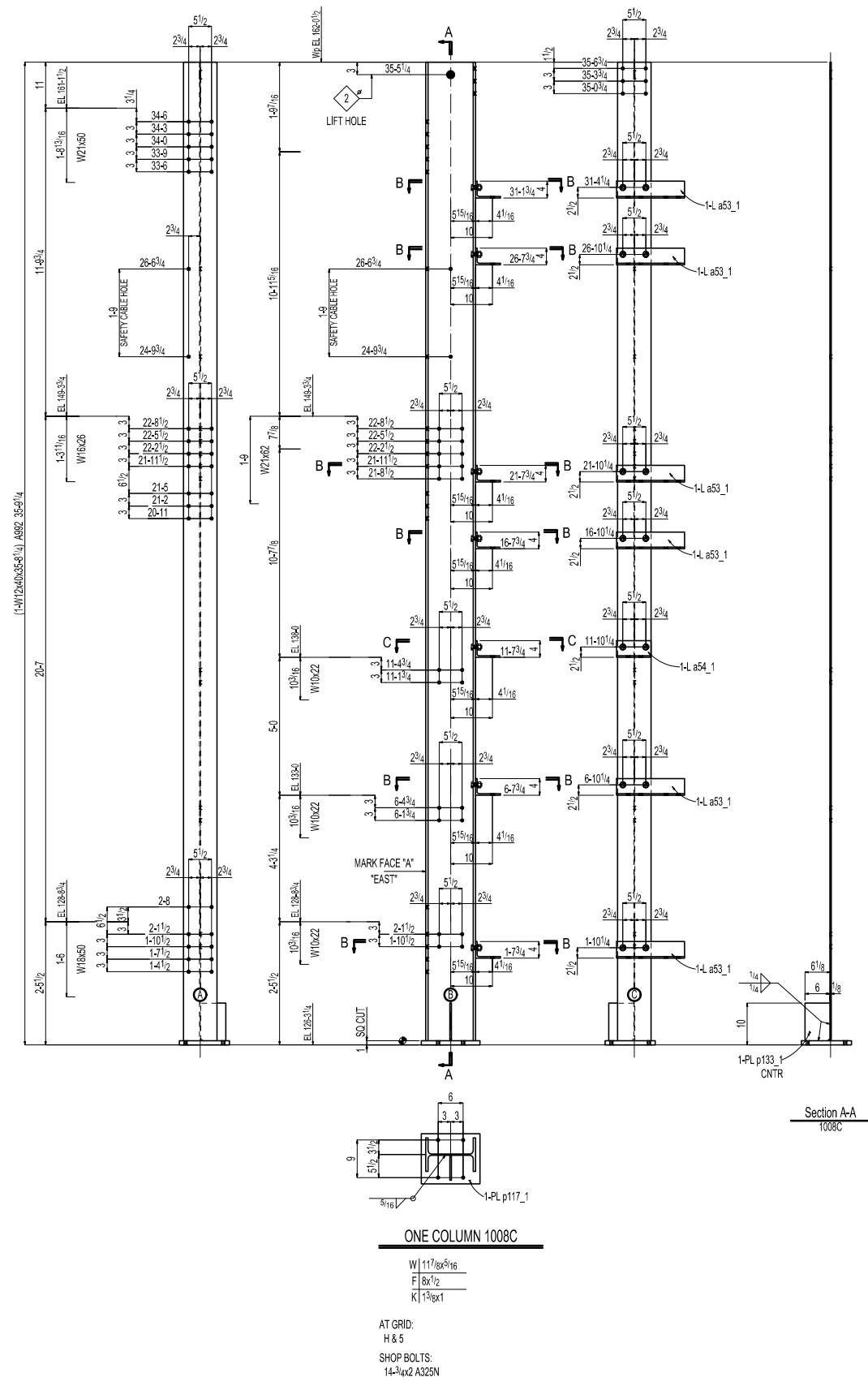
Section B-B

1003

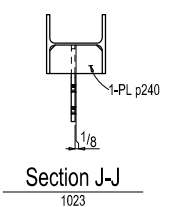
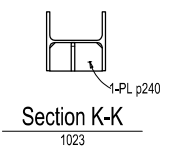
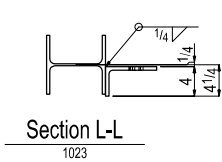
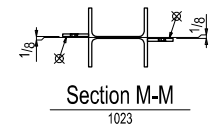
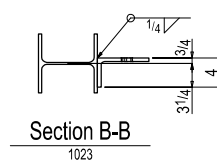
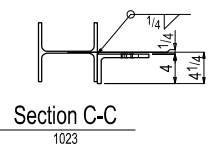
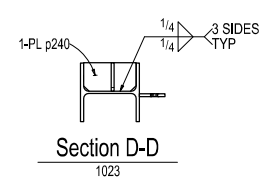
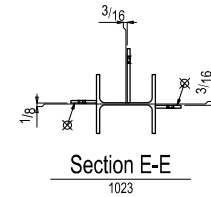
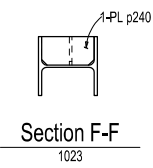
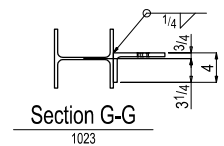
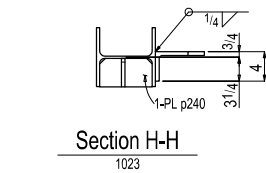
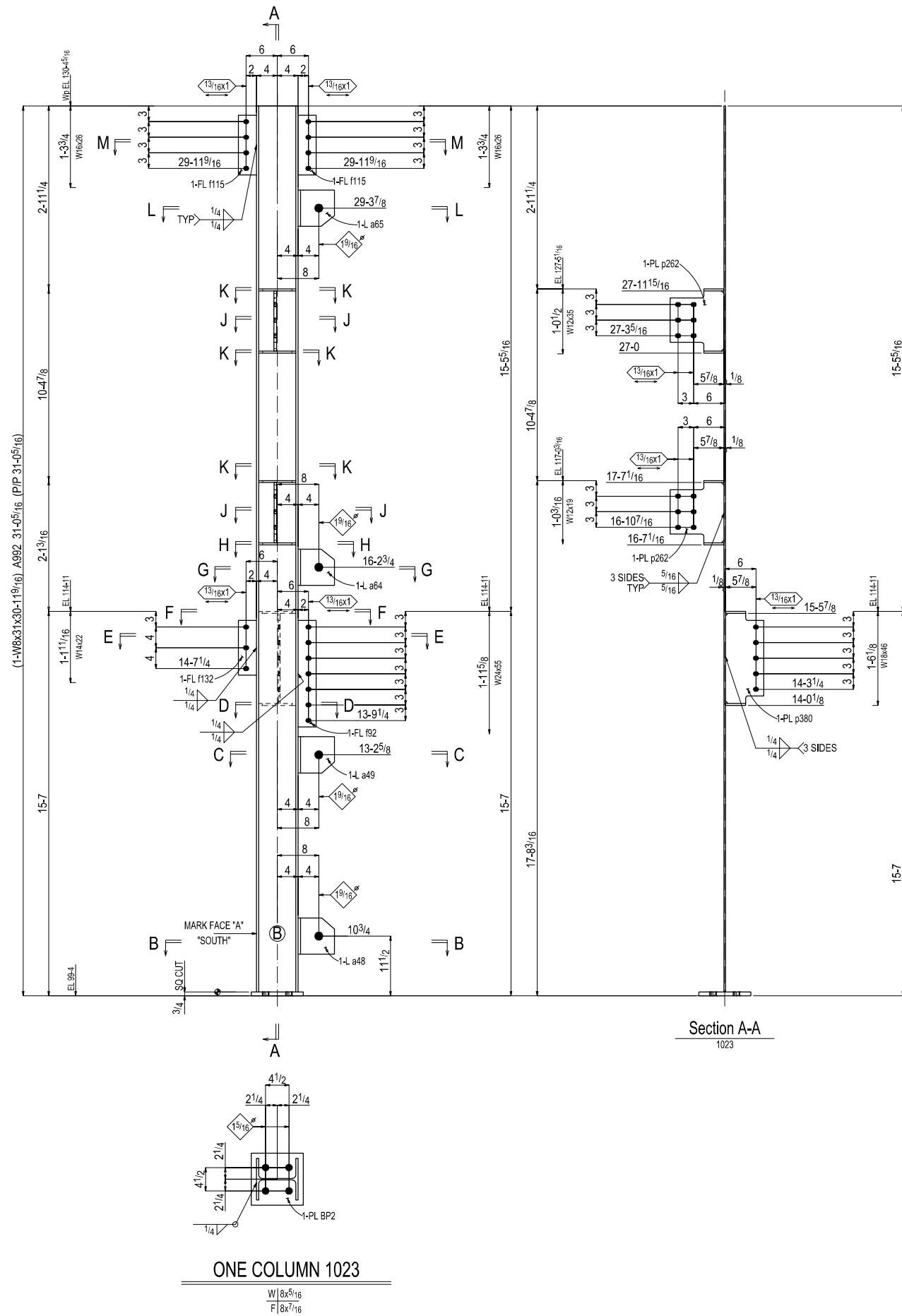


AT GRID:
H & 11
SHOP BOLTS:
16-3/4x2 A325N

BILL OF MATERIAL							
SEQ	QTY	PC	SHIP	LENGTH		WEIGHT	STEEL
SECURITY	TOTAL	MARK	MARK	DESCRIPTION	FT	IN	TOTAL GRADE
1	1	ONE	1003C	COLUMN			1899
	1		1003C	W12x40	42	3 11/16	1692 A992
	7		a10 1	L6x6x1/8	1	6 1/4	131 A36
	1		a19 1	L6x6x1/8	0	6 1/2	9 A36
	1		BP11 1	PL 1/2x10	1	2	40 A36
	1		G20 1	PL 1/2x10	1	6 3/8	18 A36
	16			3/4 Dia A325N	0	2	10
				FIELD BOLTS			
	6			TC 3/4 Dia A325	0	2	

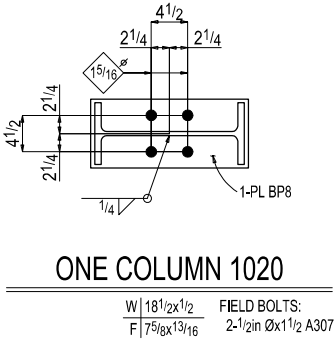
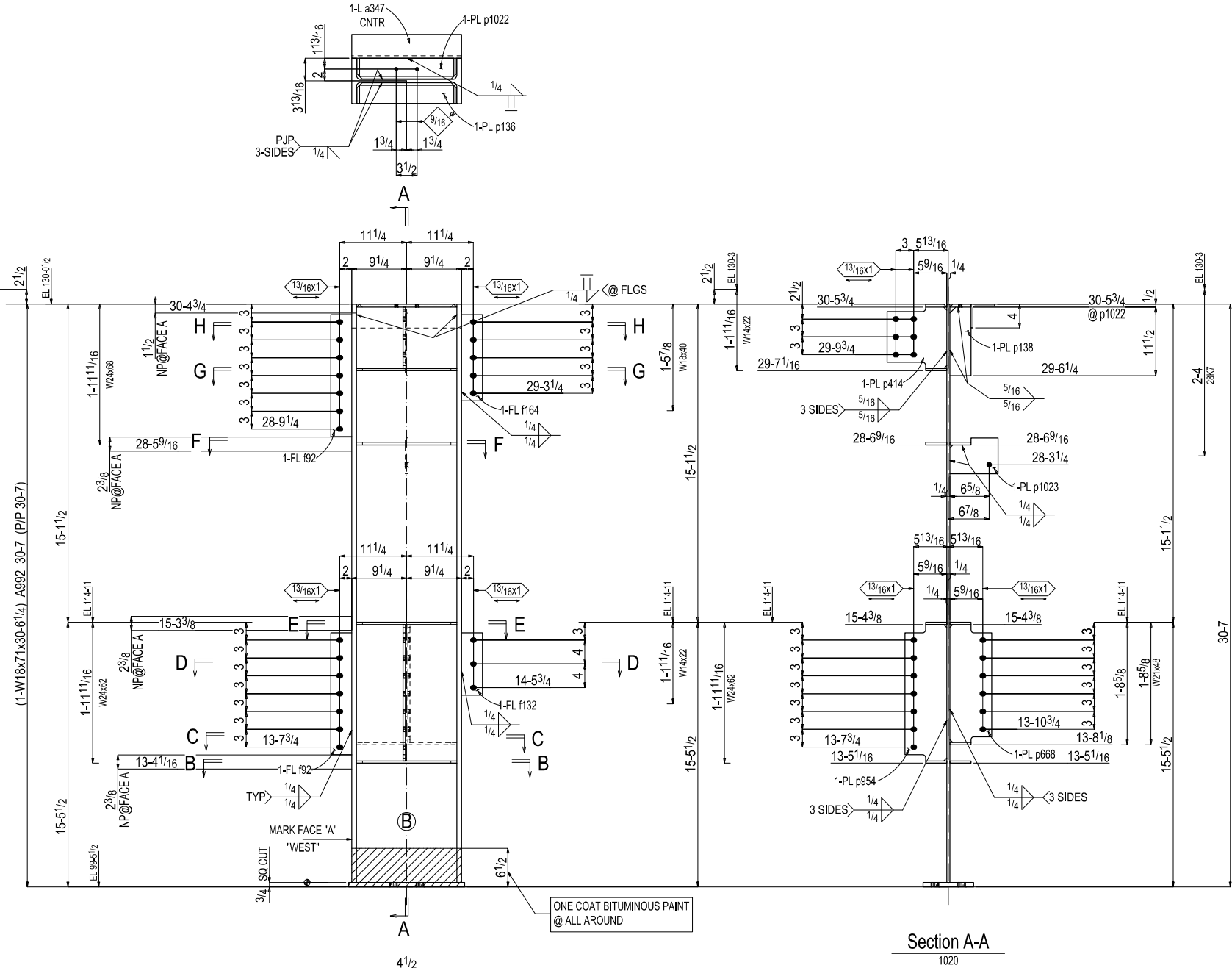


BILL OF MATERIAL									
SEQ	QTY	PC	SHP	DESCRIPTION	LENGTH	WEIGHT	STEEL		
SEQ	QTY	TOTAL	MARK	MARK	DESCRIPTION	FT	IN	TOTAL	GRADE
1	1	1	ONE 1008C		COLUMN	35	8 1/4	1428	A500
	6	6	a53 1		W10x40	1	4 1/4	100	A36
	1	1	a54 1		L6x4x3/8	0	8 1/4	8	A36
	1	1	p117 1		PL 1/2	1	2	48	A36
	1	1	p133 1		PL 3/8x6	0	9	6	A36
	14	14			3/4 Dia A325N	0	2	9	
					FIELD BOLTS				
	4	4			TC 3/4 Dia A325N	0	3		

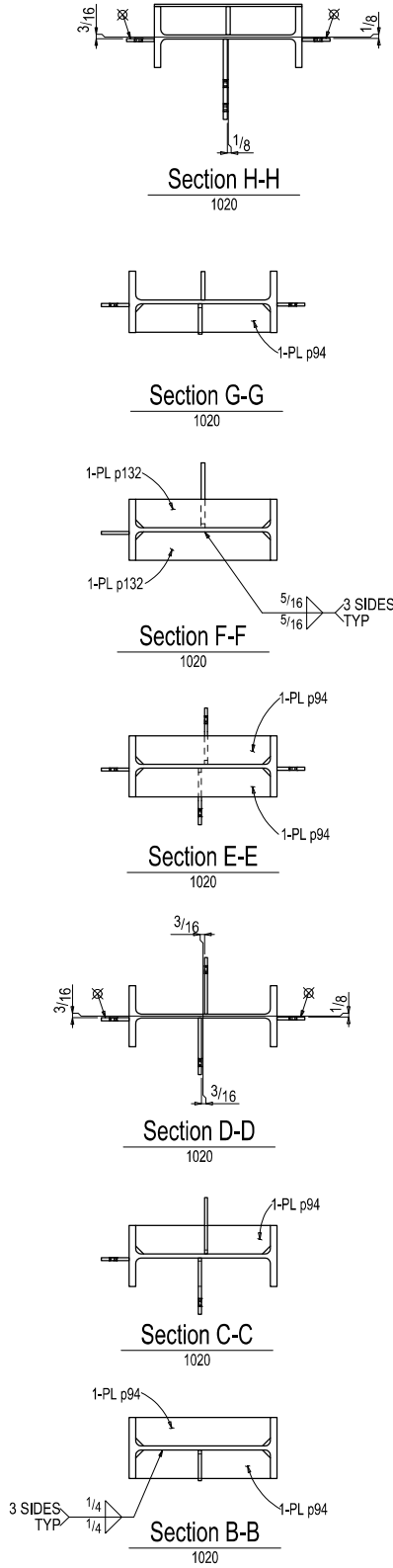


BILL OF MATERIAL

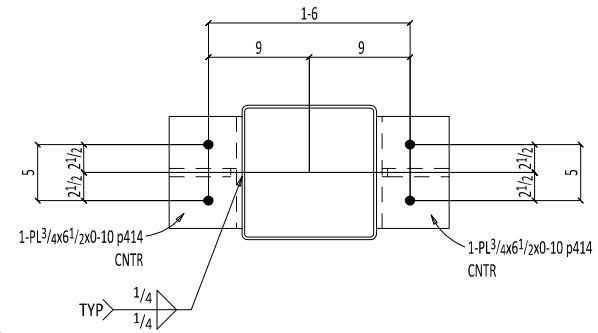
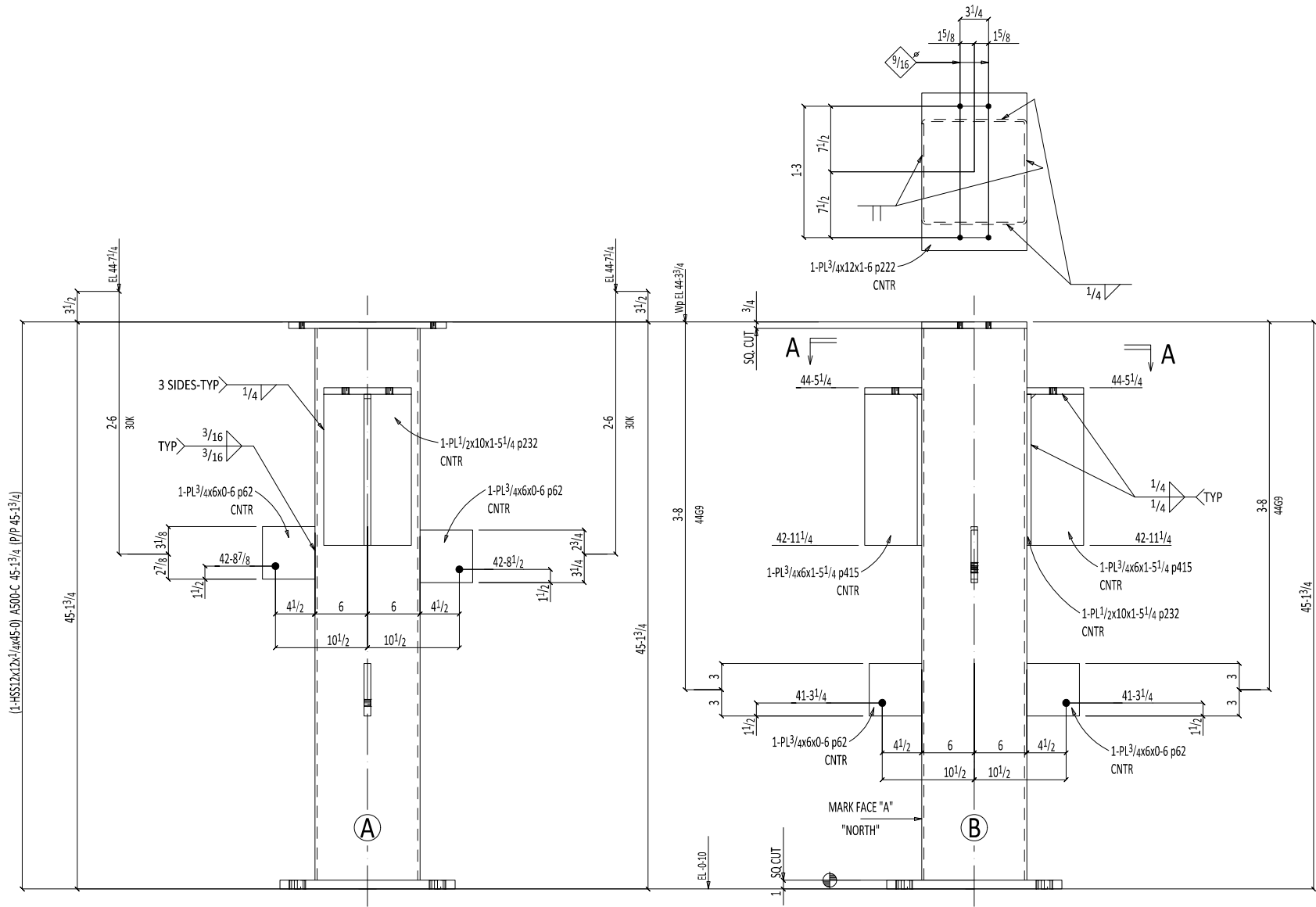
SEQ #	QTY	PC	MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT
1	ONE	1023		COLUMN			1107
	1	1023		W8x31	30	SIE A992	960
	1	a48		L7x4x1/2	0	A36	10
	1	a49		L7x4x1/2	0	A36	10
	1	a64		L7x4x1/2	0	A36	10
	1	a65		L7x4x1/2	0	A36	10
	1	BP2		PL 3/8x10	0	A36	21
	2	p262		PL 1/2x10 3/8	0	A36	34
	1	p380		PL 3/8x2 3/8	1	A36	14
	6	p240		PL 3/8x2 3/8	0	A36	18
	1	f192		FL 3/8x3 1/2	1	A36	7
	2	f115		FL 3/8x3 1/2	0	A36	8
	1	f132		FL 3/8x3 1/2	0	A36	4



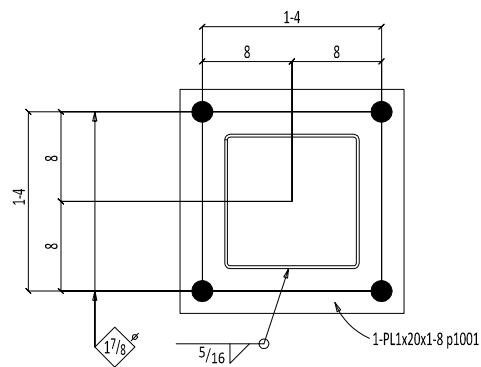
AT GRID:
C.1 & 9



BILL OF MATERIAL						
SEQ	QTY	PC	DESCRIPTION	LENGTH	REMARKS	WEIGHT
#	TOTAL	MARK				TOTAL
1	ONE	1020	COLUMN			2370
	1	1020	W18x71	30	6 1/4 SIE A992	2167
	1	a347	L4x4x8 1/16	1	6 1/2 A36	13
	1	BP8	PL 3/4 x 8 1/2	1	7 1/2 A36	35
	1	p414	PL 1/2 x 10 1/16	0	10 1/16 A36	15
	1	p1023	PL 1/2 x 6	0	8 1/8 A36	7
	2	p132	PL 1/2 x 3 1/16	1	4 7/8 A36	17
	1	p136	PL 1/2 x 3 1/16	1	4 7/8 A36	9
	1	p1022	PL 1/2 x 3 1/16	1	4 7/8 A36	9
	1	p138	PL 1/2 x 3 1/16	0	11 1/2 A36	6
	1	p954	PL 3/8 x 7 1/16	1	10 15/16 A36	17
	1	p668	PL 3/8 x 7 1/16	1	7 7/8 A36	15
	6	p94	PL 3/8 x 3 1/16	1	4 7/8 A36	38
	2	p92	FL 3/8 x 3 1/2	1	8 1/2 A36	14
	1	f164	FL 3/8 x 3 1/2	1	2 1/2 A36	5
	1	f132	FL 3/8 x 3 1/2	0	10 1/2 A36	4
			FIELD BOLTS			
	2		1/2 in Ø A307	0	1 1/2 WINUT A563	



Section A-A
C1009



ONE COLUMN C1009

AT GRID:
K & 31

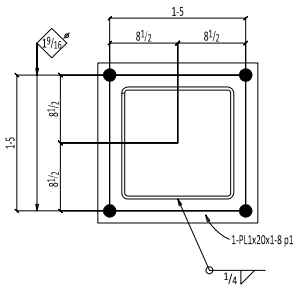
BILL OF MATERIAL								
SEQ	QTY	PC	MINOR	DESCRIPTION	LENGTH	REMARKS	STEEL	WEIGHT
TOTAL	MARK	MARK					GRADE	TOTAL
1	ONE	C1009		COLUMN		PNT		2085
	1		C1009	HSS12x12x1/4	45 0	S2E	A500-C	1774
	1		p1001	PL1x20	1 8		A36	113
	2		p414	PL3/4x6 1/2	0 10		A36	28
	1		p222	PL3/4x12	1 6		A36	46
	2		p415	PL3/4x6	1 5 1/4		A36	44
	4		p62	PL3/4x6	0 6		A36	31
	2		p232	PL1/2x10	1 5 1/4		A36	49
				FIELD BOLTS				
	4			3/4 Dia A307	0 3			
	4			3/4 Dia A325N	0 3	+1HD WASH		



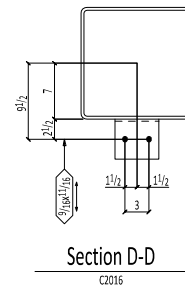
SAMPLE DRAWINGS

JOB NAME:			
LOCATION:			
CUSTOMER:			
ARCH./ENGINEER			
BOLTS		UNLESS NOTED	HOLES UNLESS NOTED
DR. BY:	AESS CAT. ---		
CH. BY:	SHOP PAINT		
DATE			SHT. NO.: C1009 0
		JOB NO.:	

REV	DESCRIPTION	MADE	CKD	DATE
0				
A				



AT GRID:
FD & F1

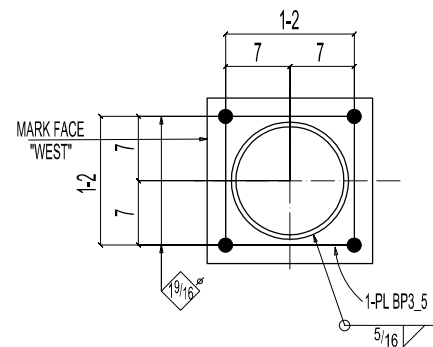


Total weight : 3689



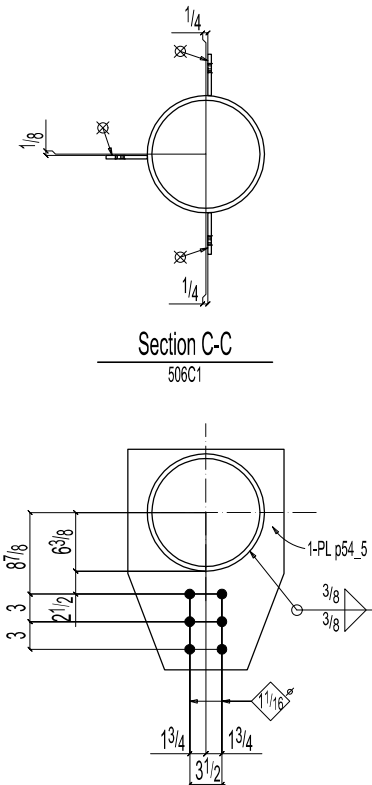
SAMPLE DRAWINGS			
JOB NAME:			
LOCATION:			
CUSTOMER:			
ARCH/ENGINEER:			
BOLTS 3/4" Dia A325N		UNLESS NOTED	HOLES 13/16" DIA
		UNLESS NOTED	
DR. BY:	ASS. CAT:	----	
CHK. BY:	SHOP PAINT:	PNT	
DATE:	JOB NO.:	SHT. NO.:	C2016 

REV	DESCRIPTION	MADE	CKD	DATE

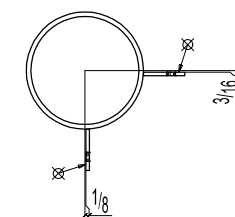


ONE COLUMN 506C1

AT GRID:
4 & R



Section B-B
506C1



Section A-A
506C1

[illegible]

FIELD BOLTS							
AESS CAT.							
CLEANING	SSPC-SP6						
PAINT	STD. SHOP PRIMER-2 MILS DFT						
MATERIAL	A500B (U.N.O.)						
HOLES	13/16 HOLES (U.N.O.)						
ELECTRODES	E70XX LOW HYDROGEN						
TOTAL WEIGHT							
DIAG. REF #	E700	NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
		REVISIONS					



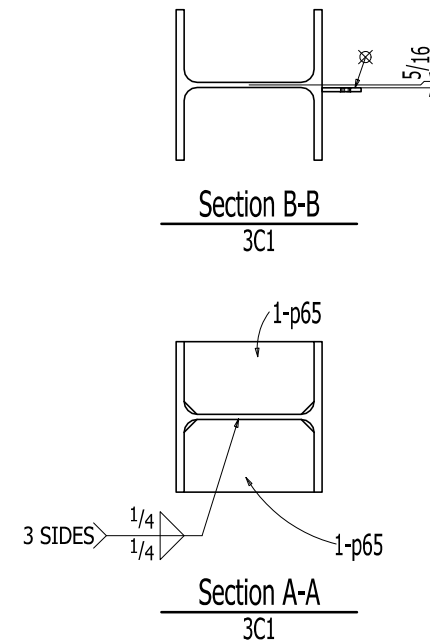
DRAFTER		CUSTOMER:	20
DATE			CONTRACT NO
CHECKED		STRUCTURE:	DWG NO
DATE			506

SAMPLE DRAWINGS



			
PROJECT: -----			
CUSTOMER: -----			
DETAIL: COLUMN DETAIL			
DRAWN: YSP DATE: 01-17-2025	JOB NO: ----	SHEET: 8	REV. A
CHECKED: DSP DATE: 01-17-2025			

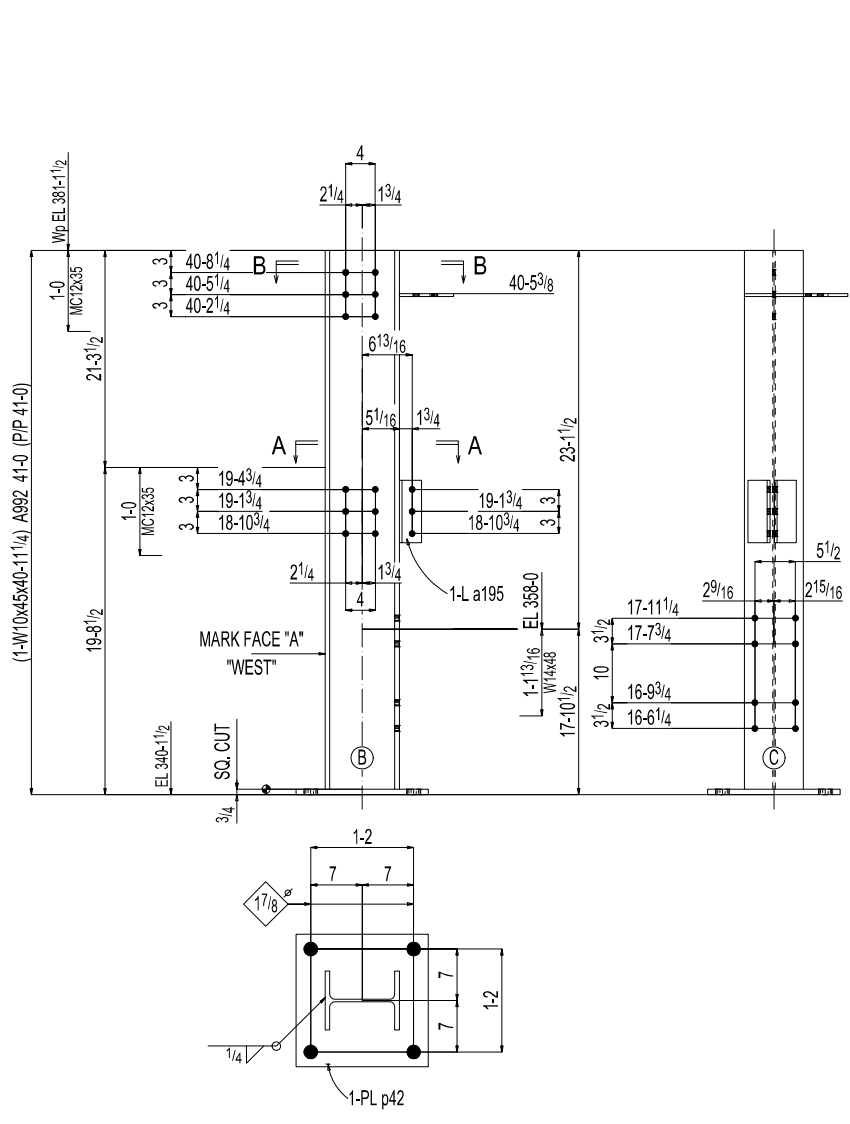
SHOP NOTES		PROJECT: -----			
ELECTRODE: E70XX UNO		CUSTOMER: -----			
CLEANING: SSPC- SP3		DETAIL: COLUMN DETAIL			
PAINT: ONE SHOP COAT OF RED OXIDE PAINT		DRAWN: YSP DATE: 01-17-2025	JOB NO: ----	SHEET: 8	REV. A
E DWG. REF. :		CHECKED: DSP DATE: 01-17-2025			

[illegible]

REV	DATE	DESCRIPTION



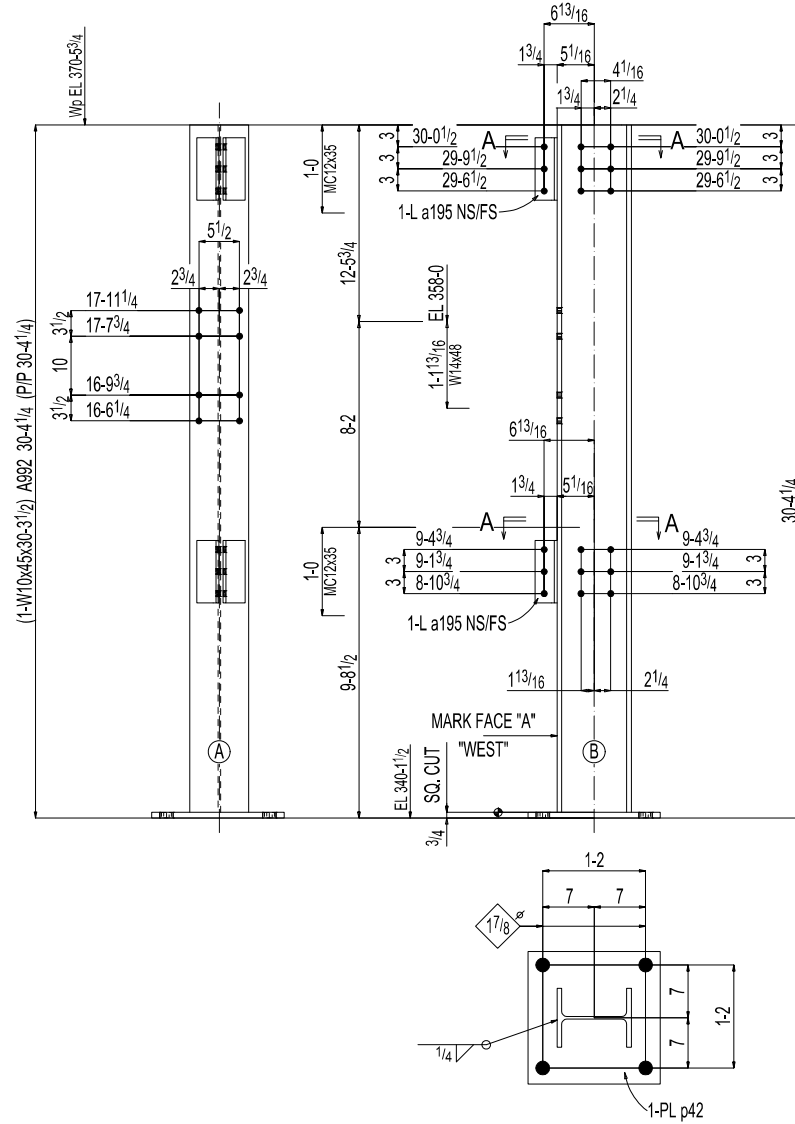
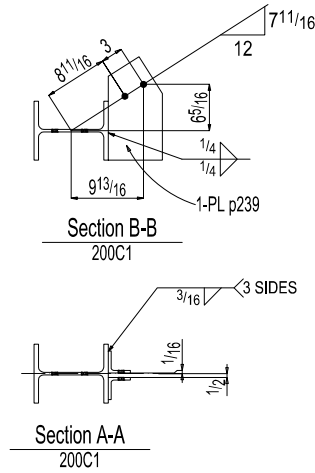
SAMPLE DRAWINGS					
SHOP NOTES		PROJECT: -----			
ELECTRODE: E70XX UNO		CUSTOMER: -----			
CLEANING: SSPC- SP3		DETAIL: COLUMN DETAIL			
PAINT: ONE SHOP COAT OF RED OXIDE PAINT		DRAWN: YSP DATE: 01-17-2025	JOB NO: ----	SHEET: 3	REV. A
E DWG. REF. :		CHECKED: DSP DATE: 01-17-2025			



ONE COLUMN 200C1

W | 10 1/8 x 3/8
F | 8 x 5/8
K | 1 5/16 x 7/8

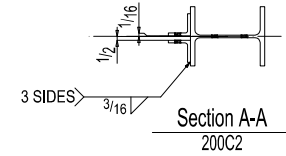
AT GRID:
4.15 & 4F



ONE COLUMN 200C2

W | 10 1/8 x 3/8
F | 8 x 5/8
K | 1 5/16 x 7/8

AT GRID:
4G & 4.15



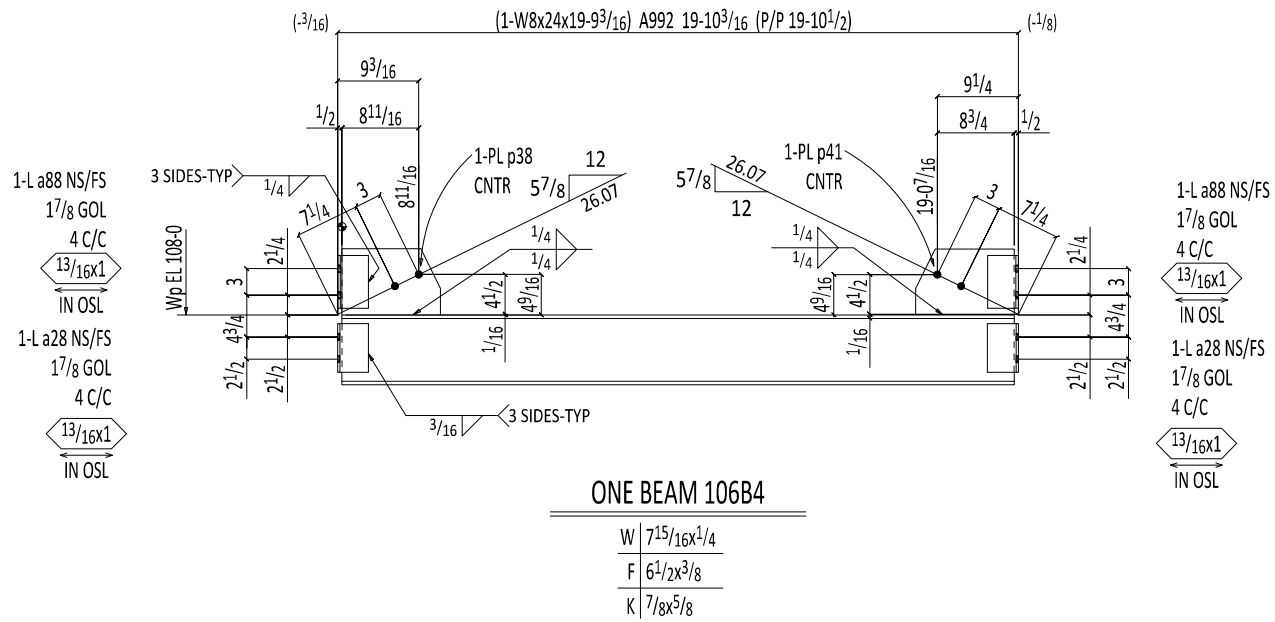
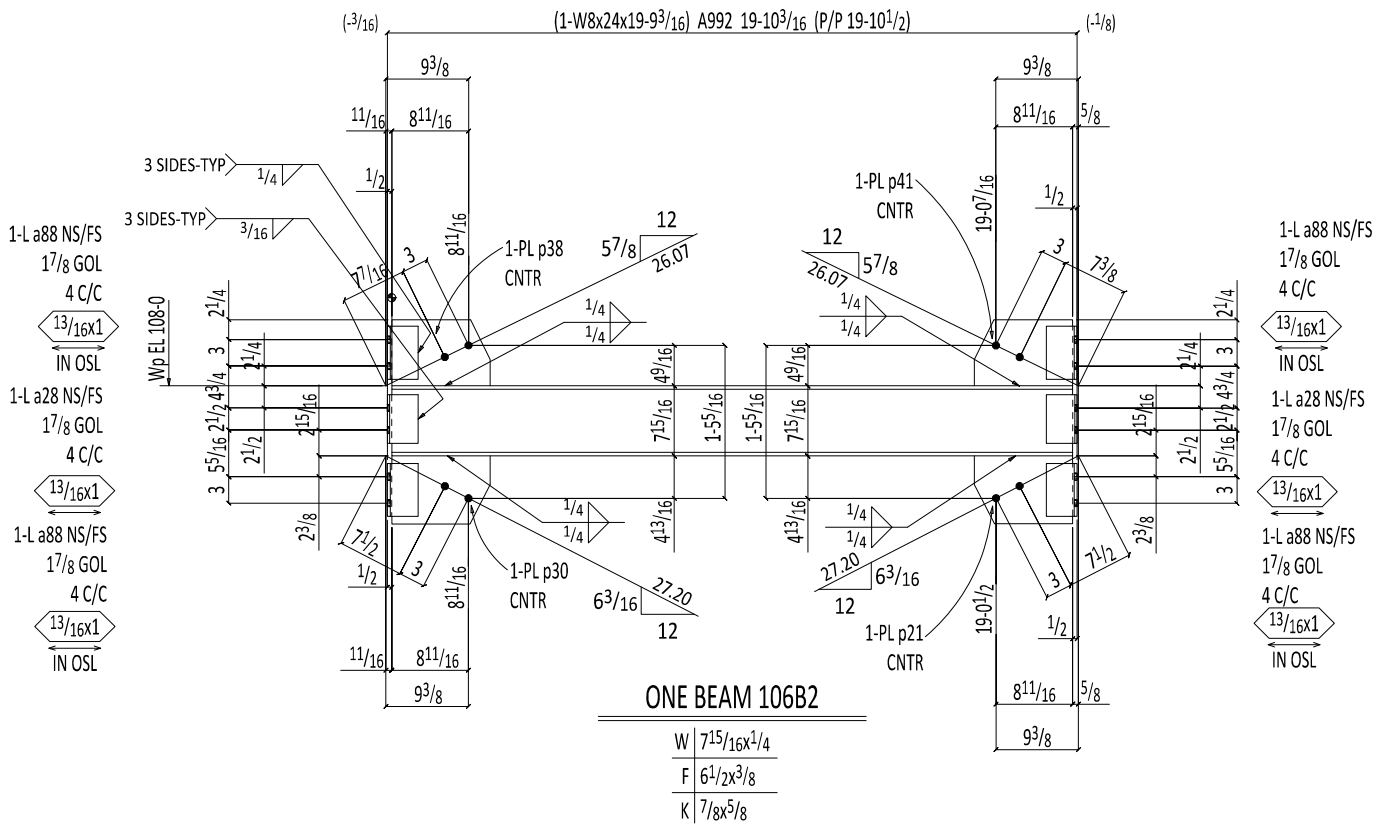
BILL OF MATERIAL

QTY	PC	DESCRIPTION	LENGTH	STEEL	GRADE	REMARKS	FINISH
TOTAL	MARK	DESCRIPTION					
ONE 200C1	COLUMN						GALV
1	200C1	W10x45	40	11 1/4	A992	S1E	
2	a195	L3x3x3/8	0	8 1/2	A36		
1	p42	PL 3/4x18	1	6	A36		
1	p239	PL 3/8x7 3/8	1	2 1/16	A36		
		FIELD BOLTS					
3		TC 3/4 Dia A325	0	1 3/4		+1HD WASH GALV	
ONE 200C2	COLUMN						GALV
1	200C2	W10x45	30	3 1/2	A992	S1E	
4	a195	L3x3x3/8	0	8 1/2	A36		
1	p42	PL 3/4x18	1	6	A36		
		FIELD BOLTS					
8		TC 3/4 Dia A325	0	2 1/4		+1HD WASH GALV	



JOB	
MADE BY	CHECKED BY
ARCH	DATE
CONT	
DWG. NO.	200

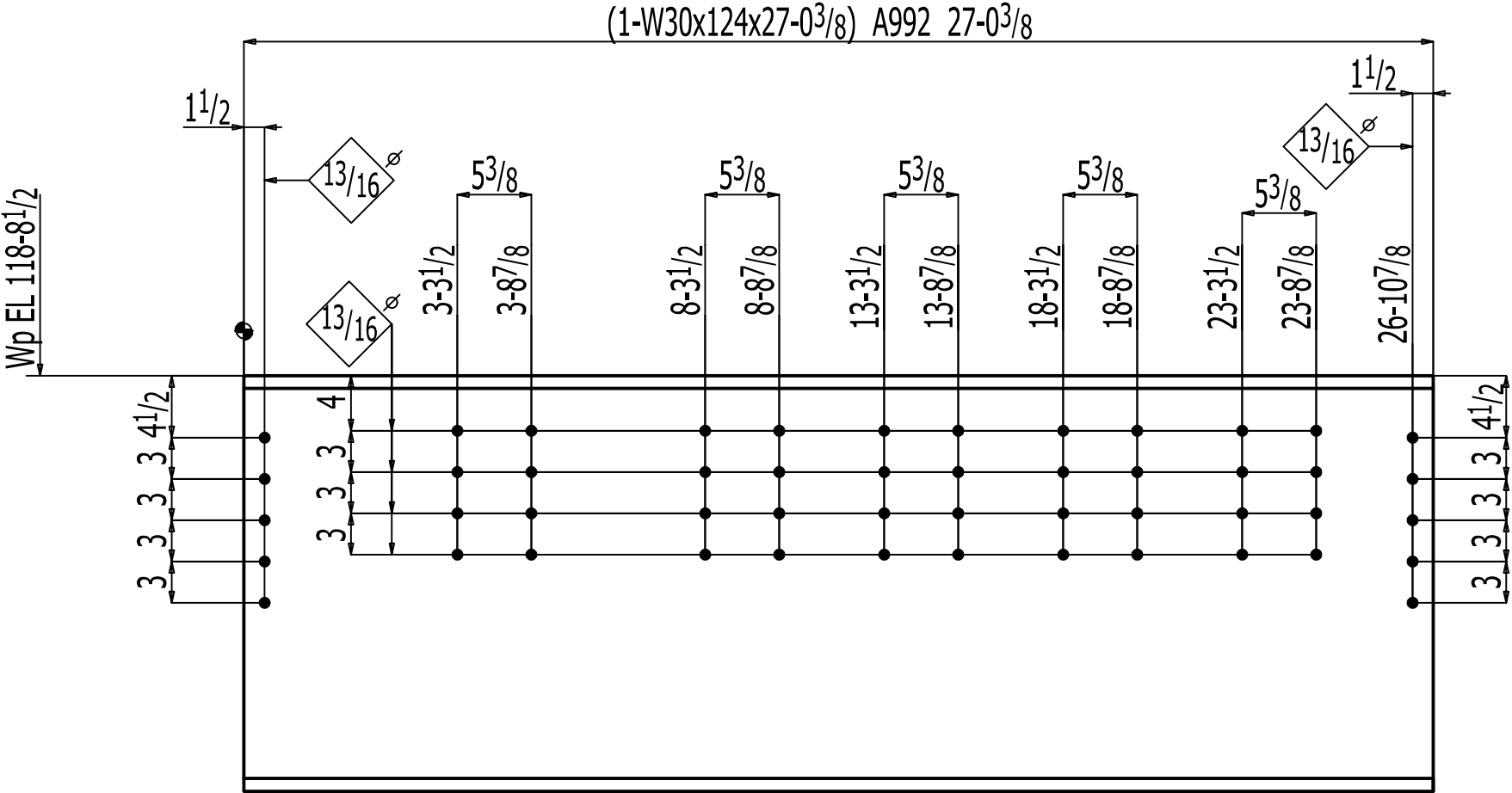
SAMPLE DRAWINGS

[illegible]

Total weight : 1490



SHOP NOTE:
TOE DIRECTION FAR SIDE



ONE BEAM 30B1

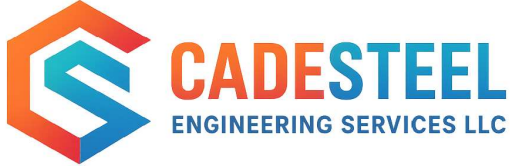
W	30 ³ / ₁₆ x ⁹ / ₁₆
F	10 ¹ / ₂ x ¹⁵ / ₁₆
K	2 ¹ / ₄ x ¹⁵ / ₈

SAMPLE DRAWINGS

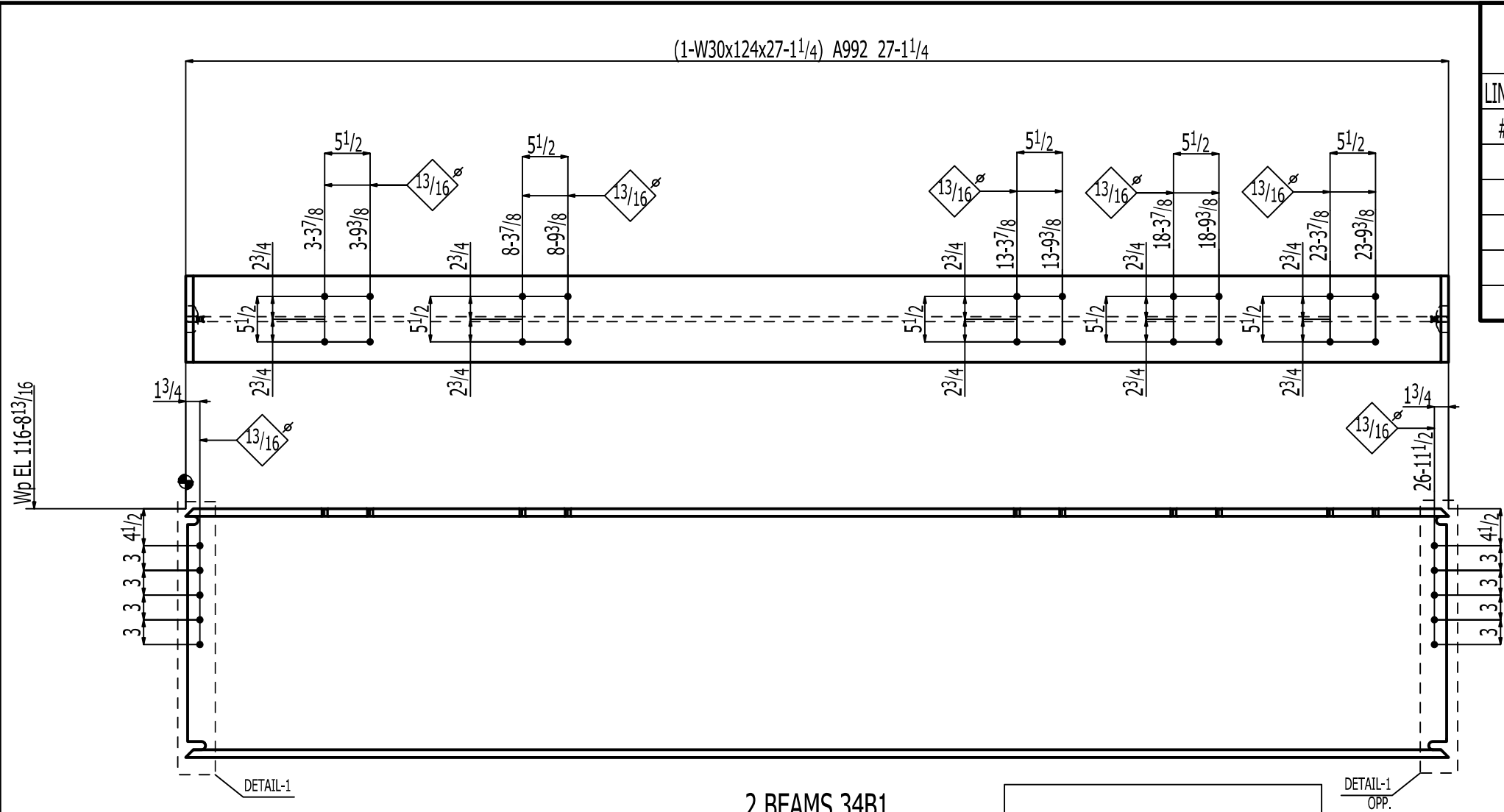
BILL OF MATERIAL

LINE #	QTY TOTAL	PC MARK	DESCRIPTION	LENGTH	STEEL GRADE	REMARKS	WEIGHT TOTAL
	ONE	30B1	BEAM				3352
	1	30B1	W30x124	27	0 ³ / ₈	A992	3352
			FIELD BOLTS				
	10		3/4 Dia A325	0	2	+1HD WASH	

Total weight : 3352

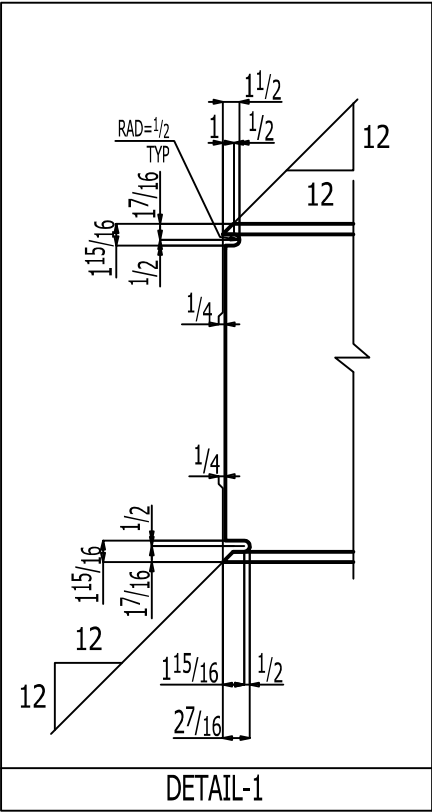
REV	DATE	DESCRIPTION
		

SHOP NOTES		PROJECT: -----			
ELECTRODE: E70XX UNO		CUSTOMER: -----			
CLEANING: ONE SHOP COAT OF RED OXIDE PAINT		DETAIL: BEAM DETAIL			
PAINT: SSPC-SP3		DRAWN: YSP DATE: 01-17-2025	JOB NO: ----	SHEET: 30	REV. A
E DWG. REF. :		CHECKED: DSP DATE: 01-17-2025			



2 BEAMS 34B1

W	30 ³ / ₁₆ x9 ⁹ / ₁₆
F	10 ¹ / ₂ x15 ¹⁵ / ₁₆
K	2 ¹ / ₄ x15 ⁵ / ₈



BILL OF MATERIAL

LINE #	QTY TOTAL	PC MARK	DESCRIPTION	LENGTH	STEEL GRADE	REMARKS	WEIGHT TOTAL
	2	34B1	BEAM				6722
	2	34B1	W30x124	27 1 1/4	A992		6722
			FIELD BOLTS				
	20		3/4 Dia A325	0 2		+1HD WASH	

Total weight : 6722

SAMPLE DRAWINGS

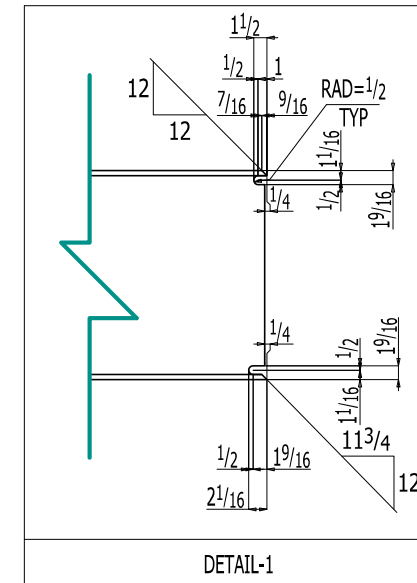
SHOP NOTES		PROJECT: -----			
ELECTRODE: E70XX UNO		CUSTOMER: -----			
CLEANING: ONE SHOP COAT OF RED OXIDE PAINT		DETAIL: BEAM DETAIL			
PAINT: SSPC-SP3	DRAWN: YSP DATE: 01-17-2025	JOB NO:	SHEET:	REV.	
E DWG. REF. :	CHECKED: DSP DATE: 01-17-2025	----	34	A	

REV

DATE

DESCRIPTION

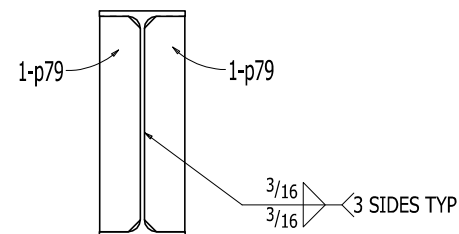
ENGINEERING SERVICES LLC



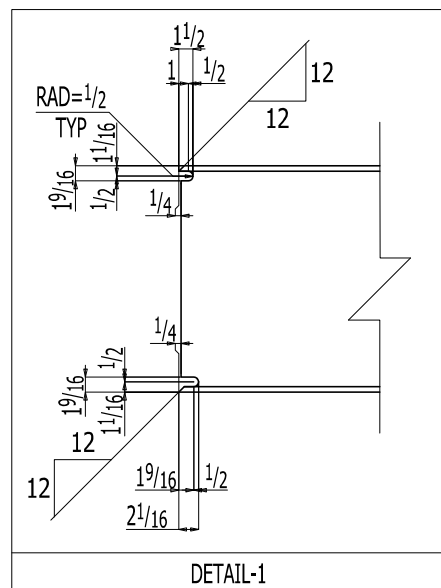
W	$23^{11}/16 \times 7/16$
F	$9 \times 9/16$
K	$1^7/8 \times 1^{1/2}$

Total weight : 3651

A



Section B-B
33B1



Section A-A
33B1

ONE BEAM 33B1

W	$23^{11}/16x^{7}/16$
F	$9x^9/16$
K	$17/8x^{11}/2$

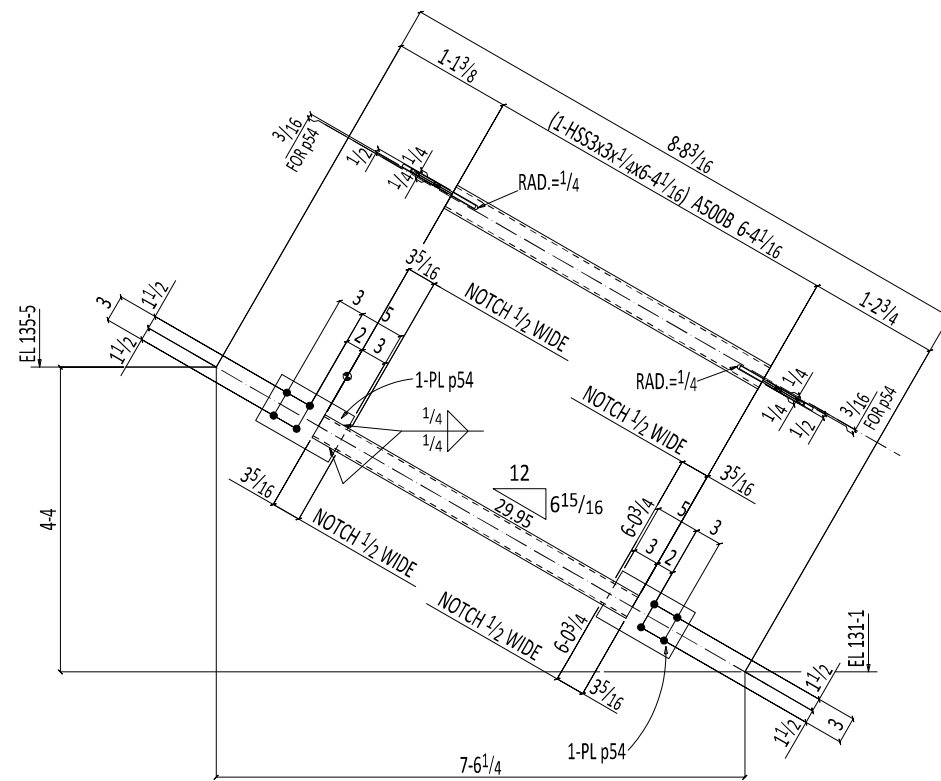
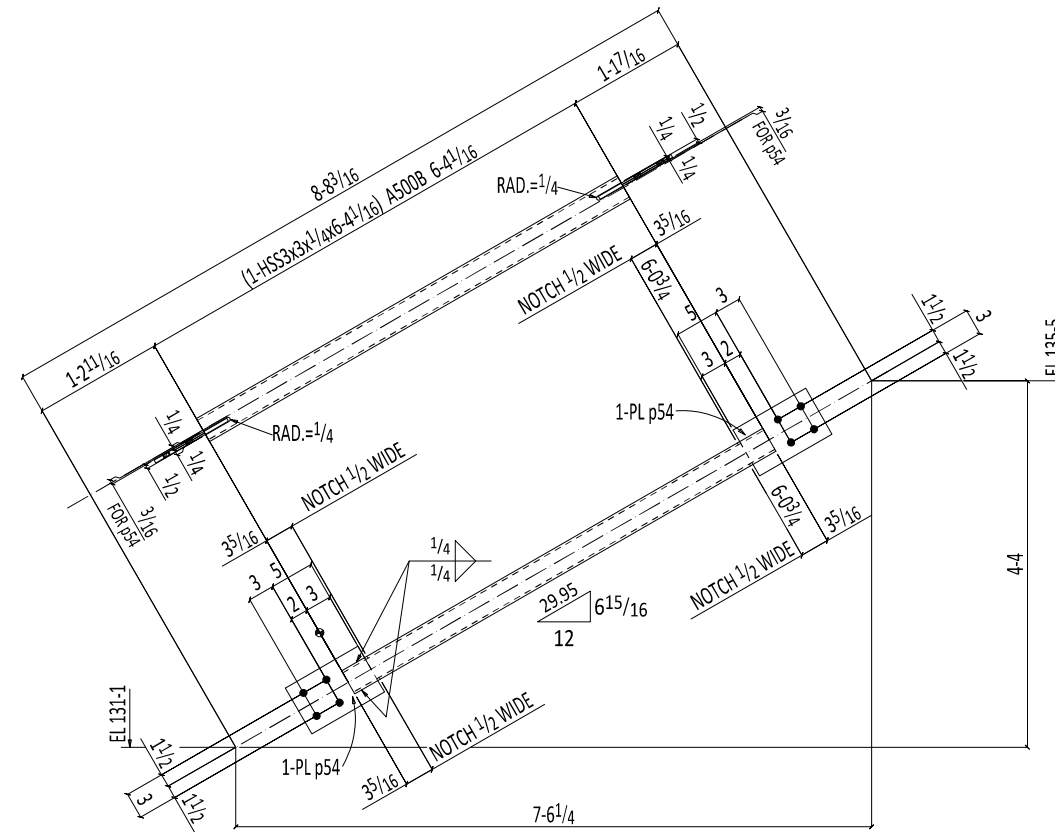
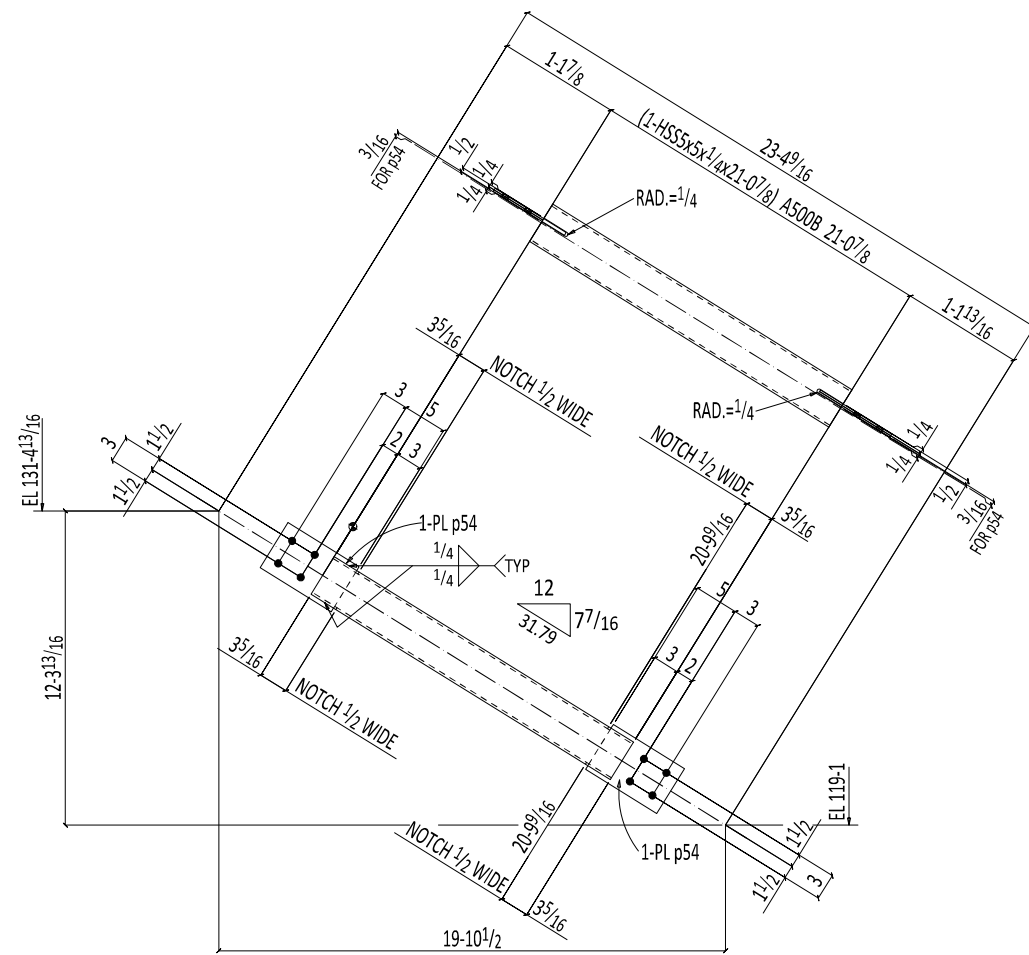
[illegible]

total weight : 4557

REV	DATE	DESCRIPTION



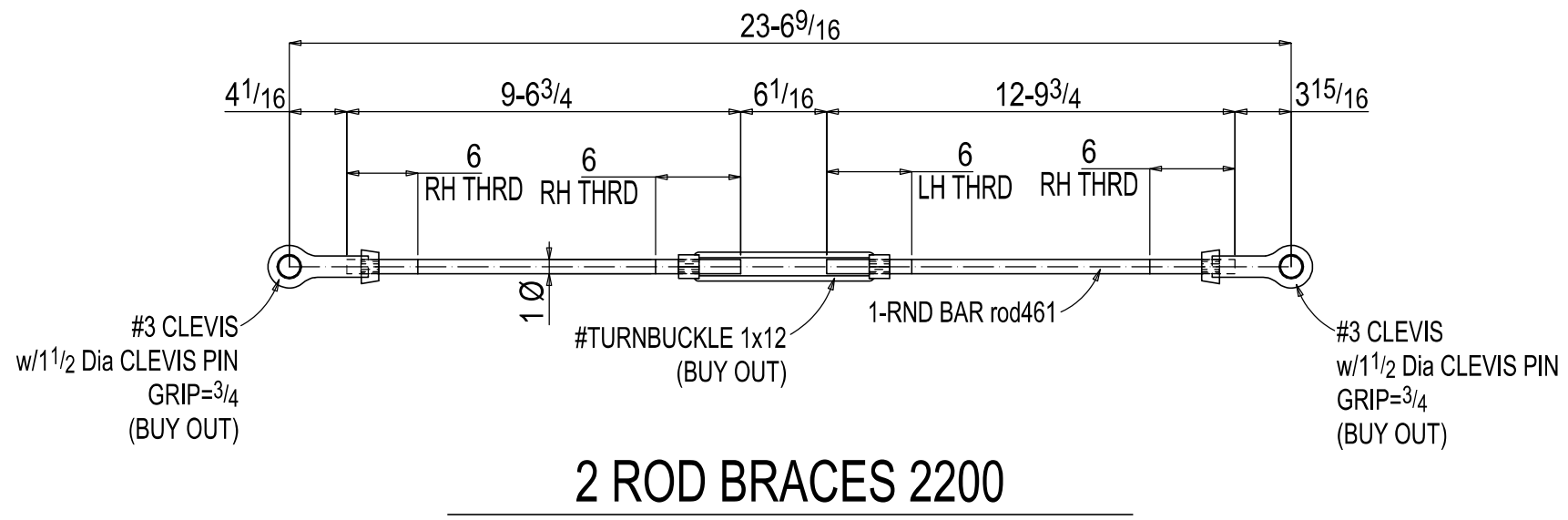
SAMPLE DRAWINGS		ENGINEERING SERVICES LLC			
SHOP NOTES		PROJECT: -----			
ELECTRODE: E70XX UNO		CUSTOMER: -----			
CLEANING: SSPC- SP3		DETAIL: BEAM DETAIL			
PAINT: ONE SHOP COAT OF RED OXIDE PAINT		DRAWN: YSP DATE: 01-17-2025	JOB NO: ----	SHEET: 33	REV. A
E DWG. REF. :		CHECKED: DSP DATE: 01-17-2025			

[illegible]

Total weight : 477

PROJECT		APPROVAL/FABRICATION/REVISION							
LOCATION									
CONTRACTOR									
ARCHITECT									
REFERENCE		REV DATE DESCRIPTION							
HOLES	PAINT	STD. SHOP PRIMER		DRAWING	CHECKED	SHEET #		JOB #	
13 1/16" DIA.	SURFACE PREP:	SSPC-SP2				128			

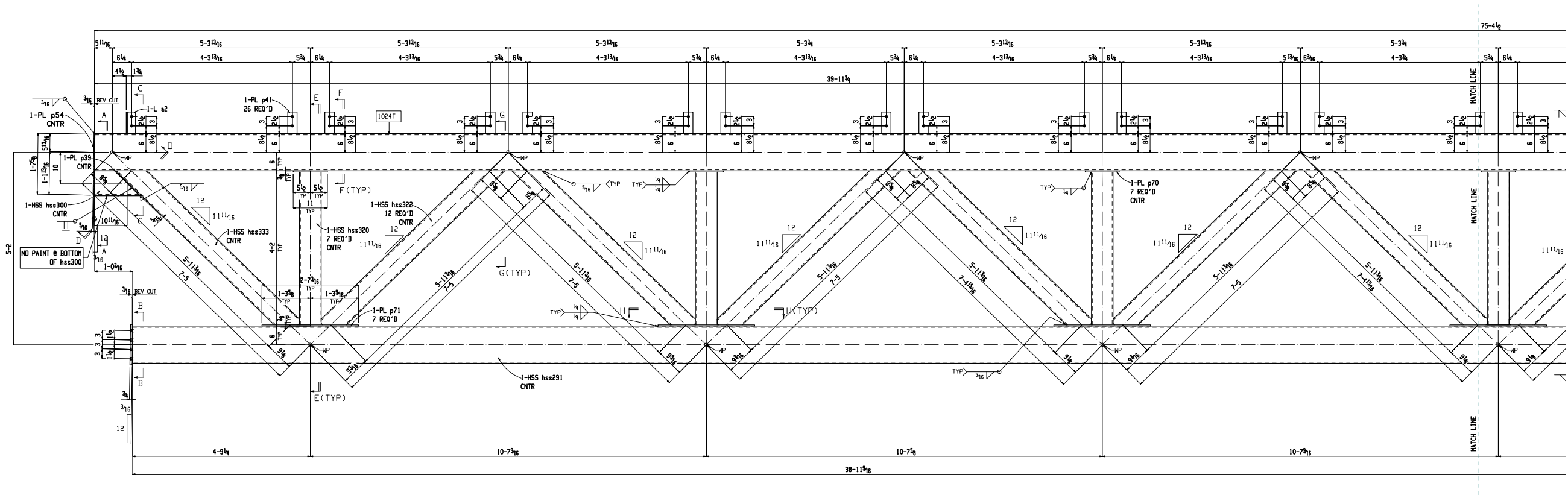
BILL OF MATERIAL							
LINE #	QTY	PC MARK	DESCRIPTION	LENGTH	REMARKS	WEIGHT TOTAL	ADVANCE MILL #
	2	2200	ROD BRACE			120	
	2	2200	1 Dia ROD	9 6 ³ / ₄	A36	51	
	2	rod461	1 Dia ROD	12 9 ³ / ₄	A36	68	
	4		1 1/2 Dia CLEVIS PIN		BUY OUT		
	2		TURNBUCKLE 1x12		BUY OUT		
	4		CV3		BUY OUT		





DRAWING RELEASE		 CADESTEEL ENGINEERING SERVICES LLC				
DATE	PURPOSE					
		PROJECT				
		LOCATION				
		CONTRACTOR				
		ARCH./ENGR.				
		DETAILS OF				
		DRAWN BY:	DATE	JOB NO.	DWG NO.	REV.
		CHK'D BY:	DATE		1034	0

BILL OF MATERIAL									
LINE #	QTY	PC	DESCRIPTION	LENGTH		REMARKS	WEIGHT	ADVANCE	
#	TOTAL	MARK					TOTAL	MILL #	
	3	1024T	TRUSS				32799		
	3	1024T	HSS12x8x $\frac{3}{8}$	39	11 $\frac{1}{8}$	B1E A500B	5747		
	3	hss291	HSS12x8x $\frac{3}{8}$	38	11 $\frac{1}{8}$	B2E A500B	5600		
	3	hss273	HSS12x8x $\frac{3}{8}$	35	4 $\frac{13}{16}$	B2E A500B	5087		
	3	hss292	HSS12x8x $\frac{3}{8}$	34	2 $\frac{5}{8}$	B2E A500B	4917		
	3	hss300	HSS8x8x $\frac{3}{8}$	1	2 $\frac{13}{16}$	A500B	140		
	3	hss318	HSS8x8x $\frac{3}{8}$	1	2 $\frac{1}{2}$	A500B	137		
	36	hss322	HSS7x7x $\frac{5}{16}$	6	4 $\frac{3}{8}$	B2E A500B	6344		
	3	hss337	HSS7x7x $\frac{5}{16}$	6	4 $\frac{3}{8}$	B2E A500B	526		
	3	hss333	HSS7x7x $\frac{5}{16}$	6	4 $\frac{3}{8}$	A500B	526		
	21	hss320	HSS7x7x $\frac{5}{16}$	4	1 $\frac{1}{4}$	B2E A500B	2378		
	3	a2	L3x3x $\frac{3}{8}$	0	7	A36	13		
	3	a3	L3x3x $\frac{3}{8}$	0	7	A36	13		
	6	p47	PL $\frac{3}{8}$ x13	1	7	A36	315		
	21	p71	PL $\frac{3}{8}$ x8	2	7 $\frac{3}{8}$	A36	557		
	21	p70	PL $\frac{3}{8}$ x8	0	11	A36	197		
	78	p41	PL $\frac{3}{8}$ x3	0	7	A36	174		
	6	p54	PL $\frac{3}{8}$ x7 $\frac{1}{2}$	1	7 $\frac{3}{8}$	A36	80		
	6	p39	PL $\frac{3}{8}$ x8	0	11 $\frac{1}{2}$	A36	49		
			FIELD BOLTS						
	48		$\frac{3}{4}$ Dia A325	0	2 $\frac{3}{4}$	+LHD WASH			



3 TRUSSES 1024T

