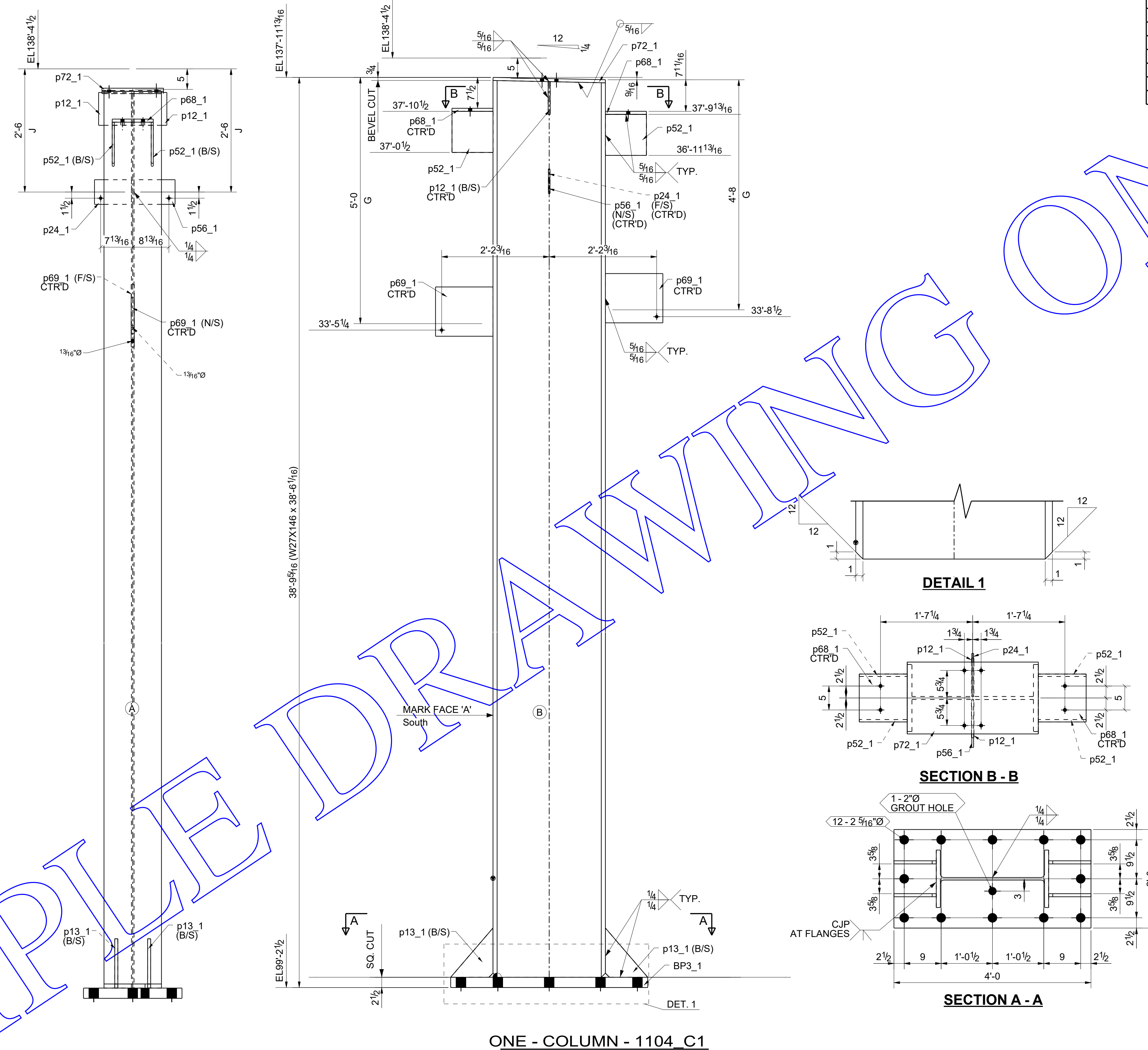


**BILL OF MATERIAL**

LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
		Tot	Mark			Total		Mill #	Grade
	SEQ.#1	1		COLUMN					
	1	1104_C1		W27X146	38'-6 1/16"	5661		C1004	A992
	1	BP3_1		PL2 1/2"X24"	4'-0"	817			A36
	2	p12_1		PL1/2"X8"	0'-8"	18			A36
	4	p13_1		PL3/4"X10 5/16"	1'-0"	52			A36
	1	p24_1		PL3/8"X6"	0'-9"	6			A36
	4	p52_1		PL1/2"X10"	0'-10"	57			A36
	1	p56_1		PL3/8"X6"	0'-10"	6			A36
	2	p68_1		PL3/4"X10"	0'-10"	43			A36
	4	p69_1		PL3/4"X12"	1'-2"	71			A36
	1	p72_1		PL3/4"X15"	3'-3 3/8"	87			A36



**ONE - COLUMN - 1104\_C1**

- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPES TO BE RADIUS
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

DETAILS OF: COLUMN REF. DWG. NO:

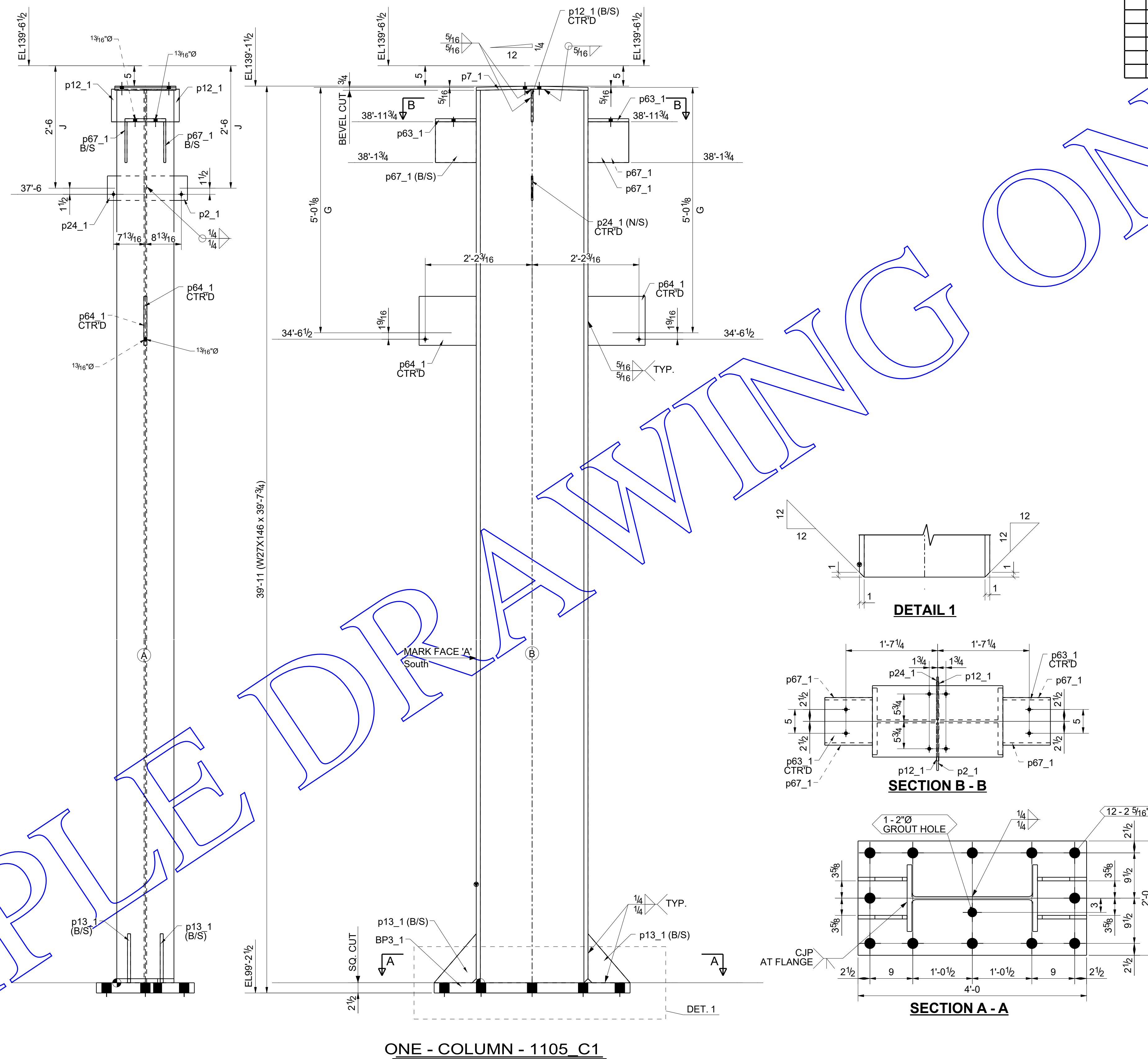
CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 1104	JOB NO. 20-1044
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SAMPLE DRAWING ONLY

**BILL OF MATERIAL**

LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
		Tot	Mark			Total		Mill #	Grade
	SEQ.#1	1		COLUMN					
	1	1105_C1		W27X146	39'-7 3/4"	5829		C1005	A992
	1	BP3_1		PL2 1/2"X24"	4'-0"	817			A36
	1	p2_1		PL3/8"X6"	0'-10"	6			A36
	1	p7_1		PL3/4"X15"	2'-3 3/8"	87			A36
	2	p12_1		PL1/2"X8"	0'-8"	18			A36
	4	p13_1		PL3/4"X10 5/16"	1'-0"	52			A36
	1	p24_1		PL3/8"X6"	0'-9"	6			A36
	2	p63_1		PL3/4"X10"	0'-10"	43			A36
	4	p64_1		PL3/4"X12"	1'-2"	71			A36
	4	p67_1		PL1/2"X10"	0'-10"	57			A36



- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPES TO BE RADIUS
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

DETAILS OF : COLUMN REF. DWG. NO :

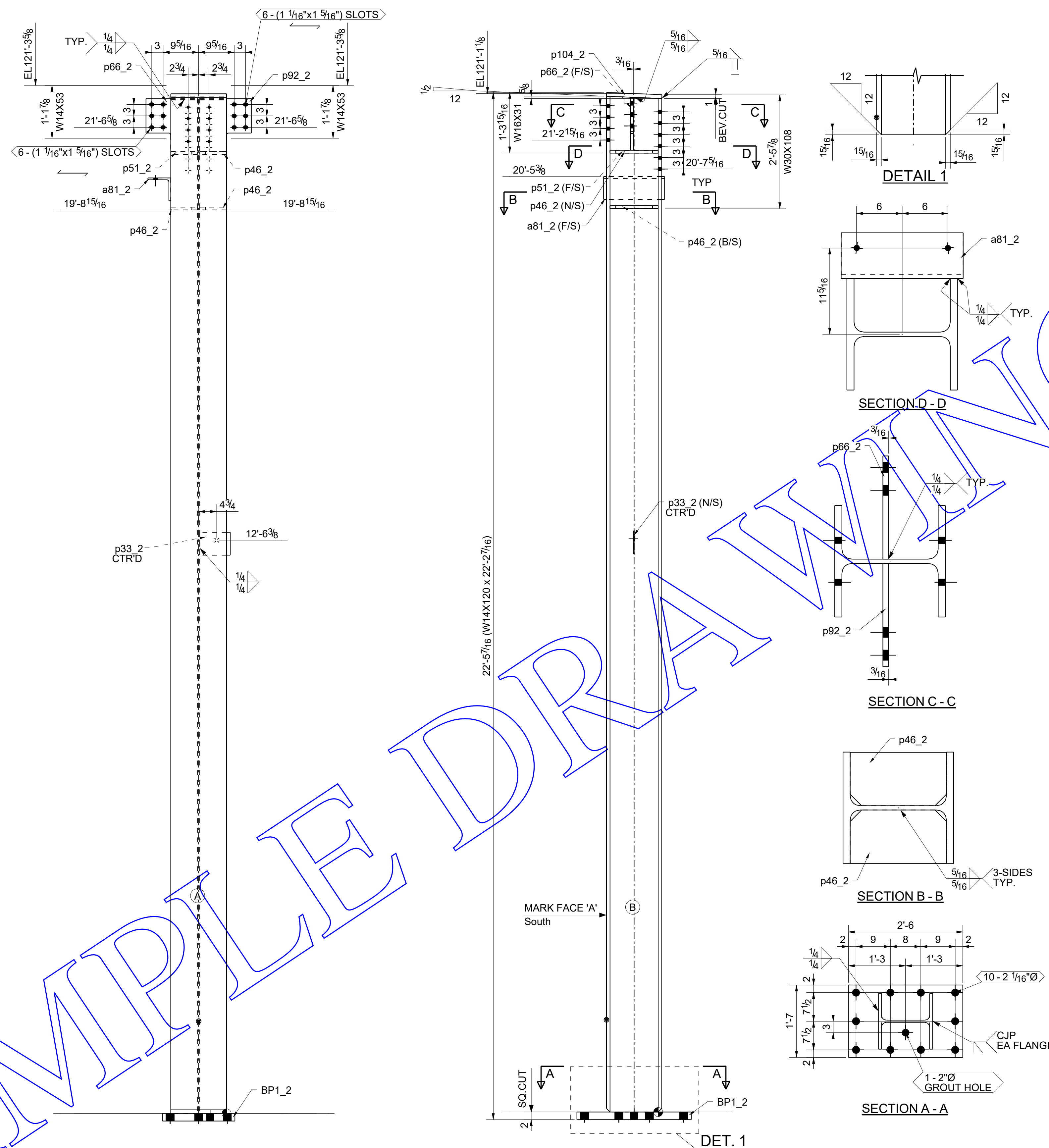
CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 1105	JOB NO. 20-1044
				DATE:	DATE:			

SAMPLE DRAWING ONLY

**BILL OF MATERIAL**

LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
		Tot	Mark			Total		Mill #	Grade
	SEQ.#2	1		COLUMN					
	1	2002_C1		W14X120	22'-2 7/16"	2667		C2000	A992
	1	BP1_2		PL2"x19"	2'-6"	323			A36
	1	a81_2		L6X6X1/2	1'-4"	26			A36
	1	p33_2		PL3/8"x6"	0'-8"	5			A36
	3	p46_2		PL3/4"x7"	1'-0 5/8"	55			A36
	1	p51_2		PL3/4"x7"	1'-0 5/8"	18			A36
	1	p66_2		PL3/4"x13 9/16"	1'-1 13/16"	33			A36
	1	p92_2		PL3/4"x13 9/16"	1'-1 13/16"	33			A36
	1	p104_2		PL1"x14 1/2"	1'-2 7/8"	60			A36



**ONE - COLUMN - 2002\_C1**

- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPES TO BE RADIUS
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

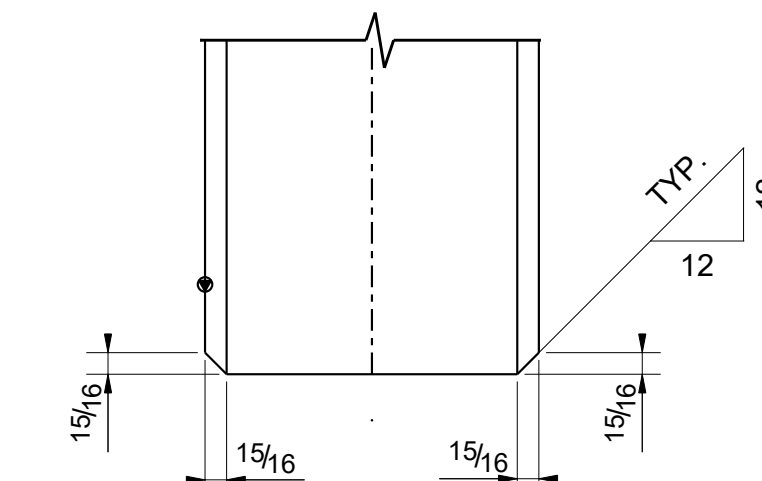
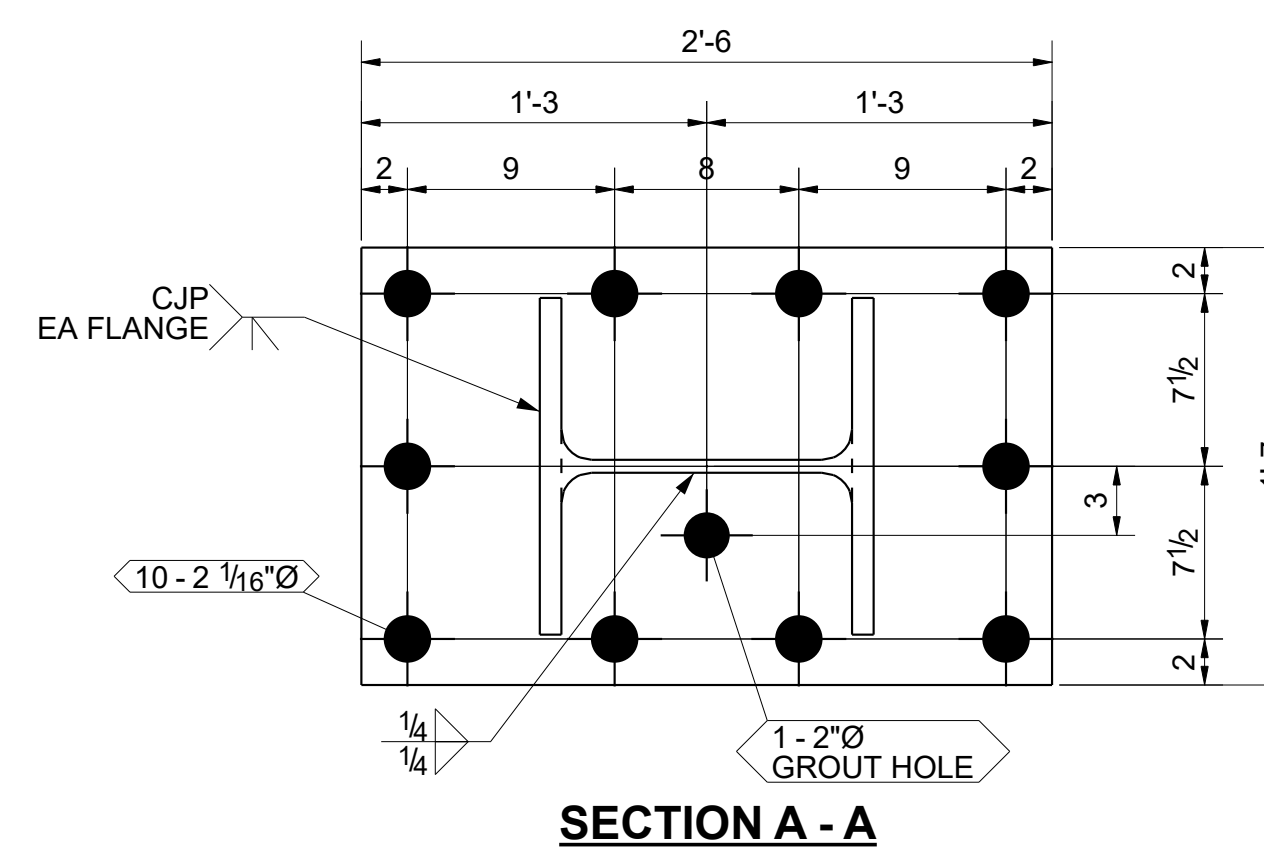
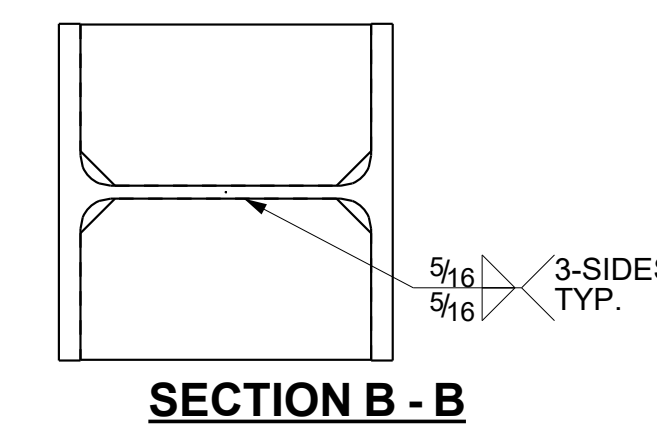
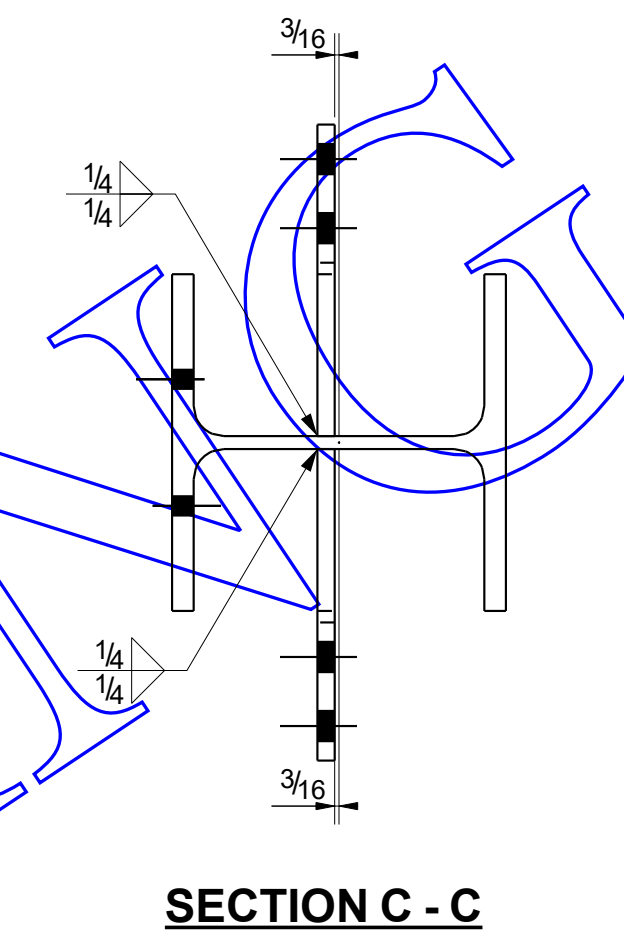
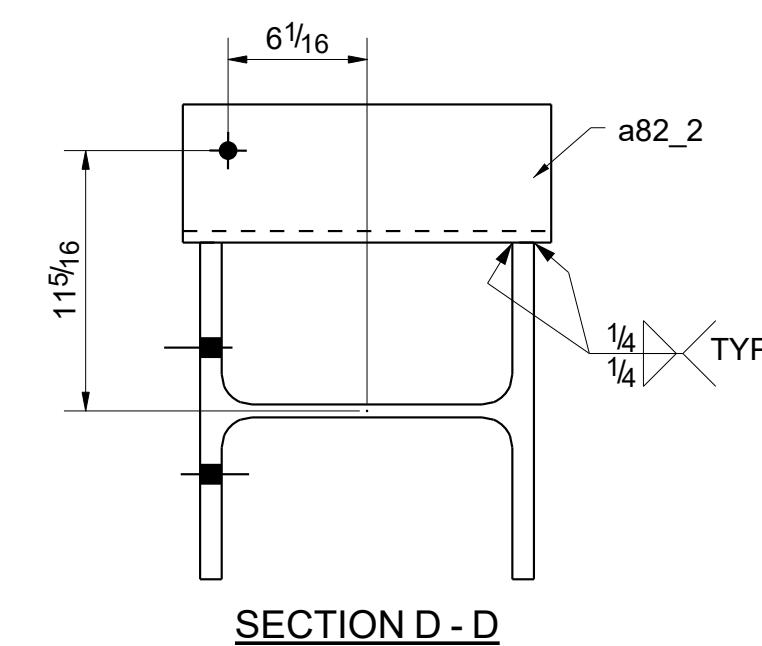
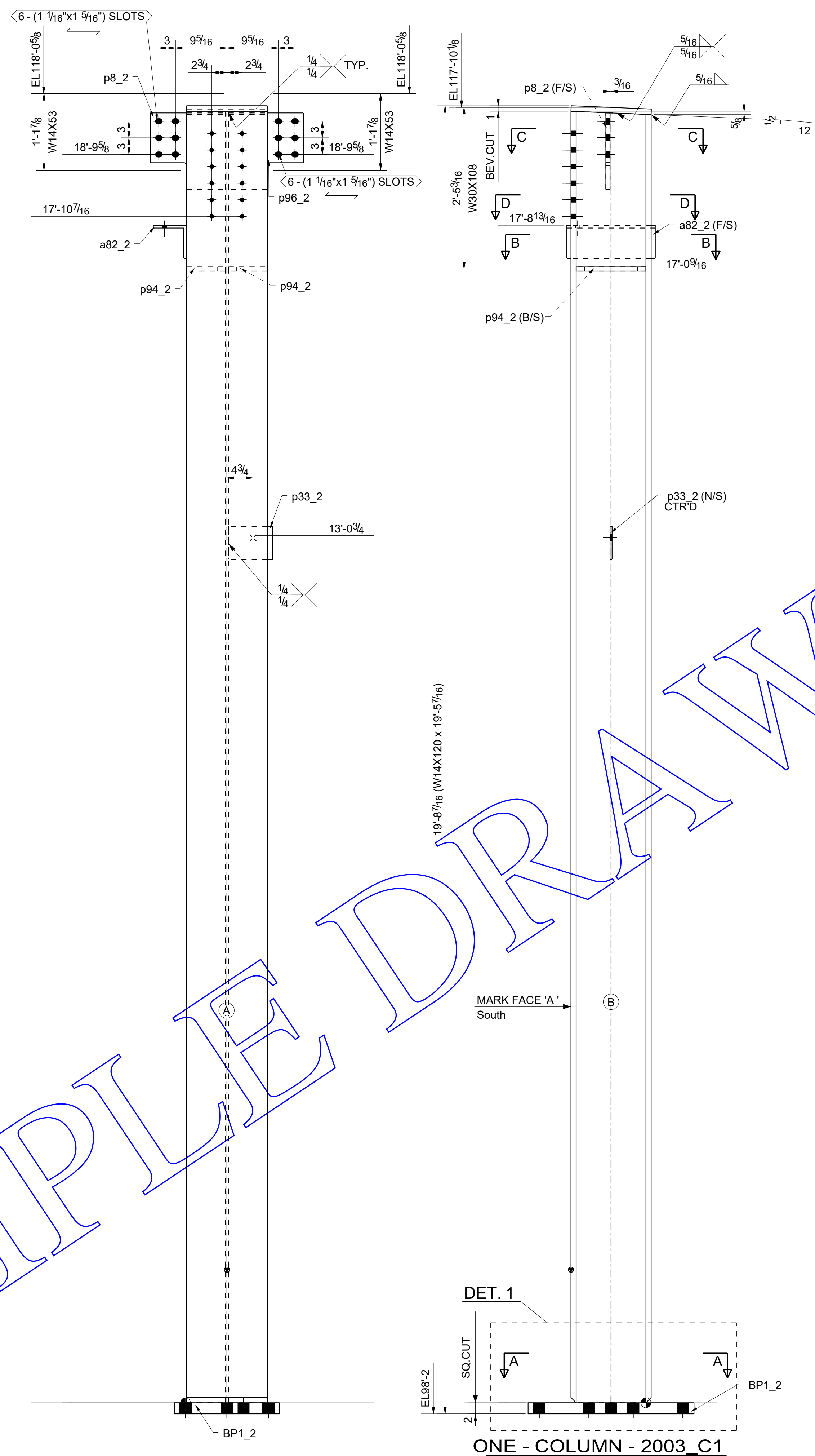
DETAILS OF: COLUMN REF. DWG. NO:

CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 2002	JOB NO. 20-1044
				DATE:	DATE:			

**BILL OF MATERIAL**

LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
		Tot	Mark			Total		Mill #	Grade
	SEQ.#2	1		COLUMN					
	1	2003_C1		W14X120	19'-5 7/16"	2337		C2001	A992
	1	BP1_2		PL2"x19"	2'-6"	323			A36
	1	a82_2		L6X6X1/2	1'-4"	26			A36
	1	p8_2		PL3/4"x13 9/16"	1'-1 13/16"	33			A36
	1	p33_2		PL3/8"x6"	0'-8"	5			A36
	2	p94_2		PL3/4"x7"	1'-0 5/8"	37			A36
	1	p96_2		PL3/4"x13 9/16"	1'-1 13/16"	33			A36
	1	p104_2		PL1"x14 1/2"	1'-2 5/8"	60			A36



- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPES TO BE RADIUS
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

DETAILS OF: COLUMN REF. DWG. NO:

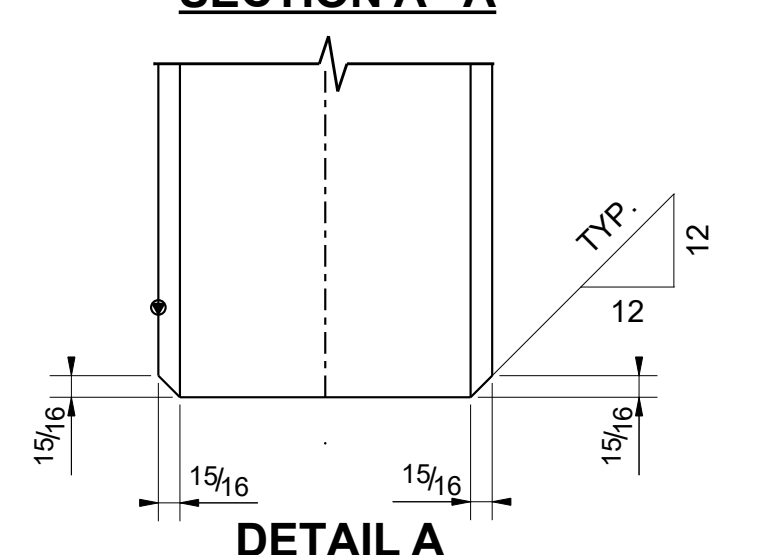
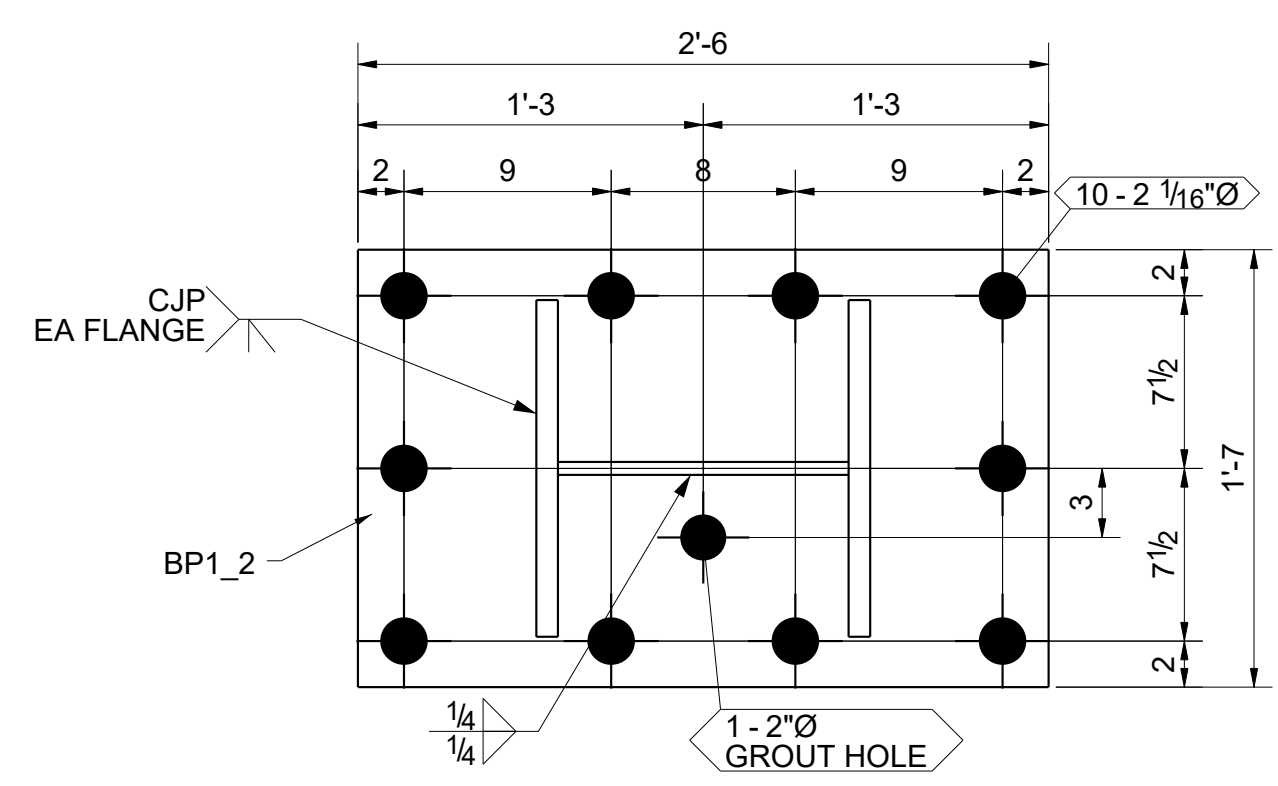
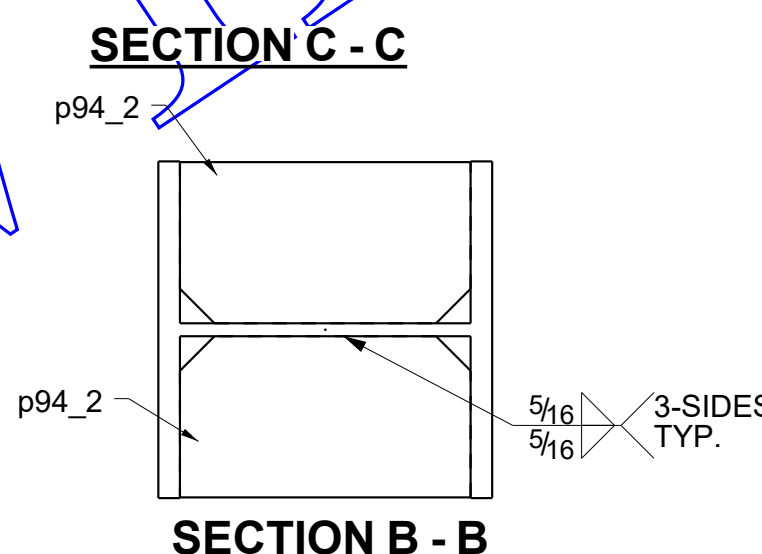
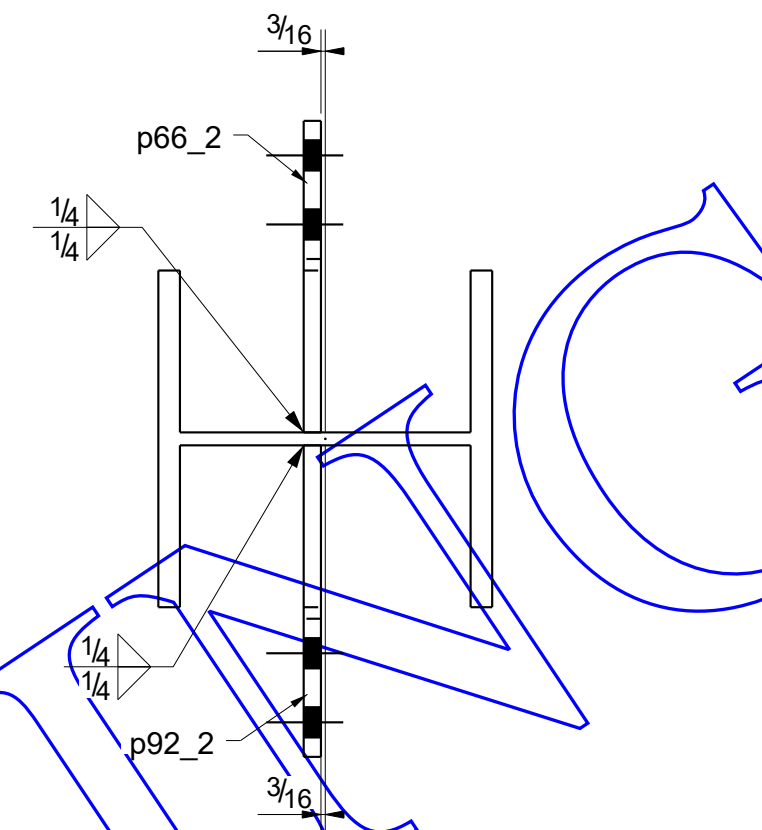
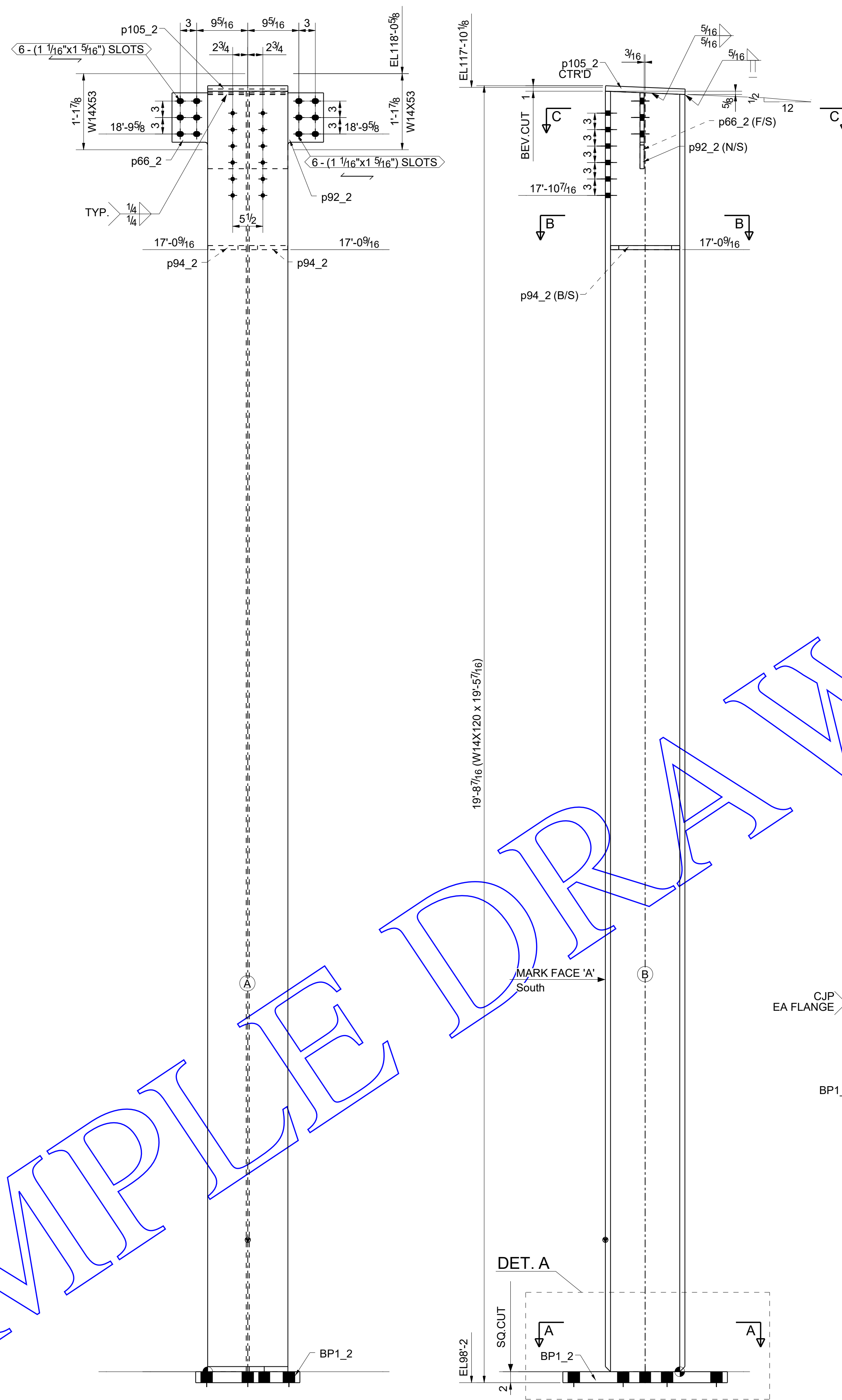
CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 2003	JOB NO. 20-1044
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SAMPLE DRAWING ONLY

**BILL OF MATERIAL**

LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
SEQ.#2		Tot	Mark			Total		Mill #	Grade
		3		COLUMNS					
	3	2007_C1		W14X120	19'-5 7/16"	7010		C2001	A992
	3	BP1_2		PL2"X19"	2'-6"	970			A36
	3	p66_2		PL3/4"X13 9/16"	1'-1 13/16"	99			A36
	3	p92_2		PL3/4"X13 9/16"	1'-1 13/16"	99			A36
	6	p94_2		PL3/4"X7"	1'-0 5/8"	110			A36
	3	p105_2		PL1"X4 1/2"	1'-2 5/8"	181			A36



**3 - COLUMNS - 2007\_C1**

- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPIES TO BE RADUSED
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

DETAILS OF: COLUMN REF. DWG. NO:

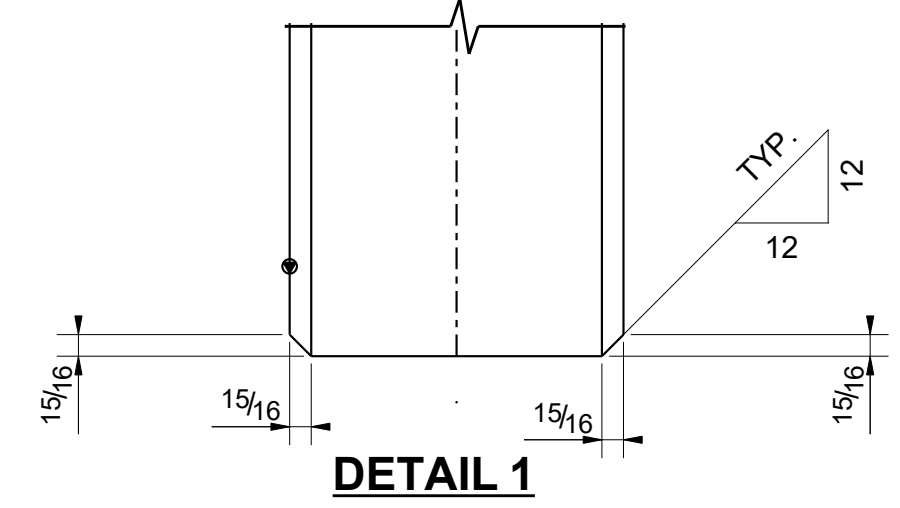
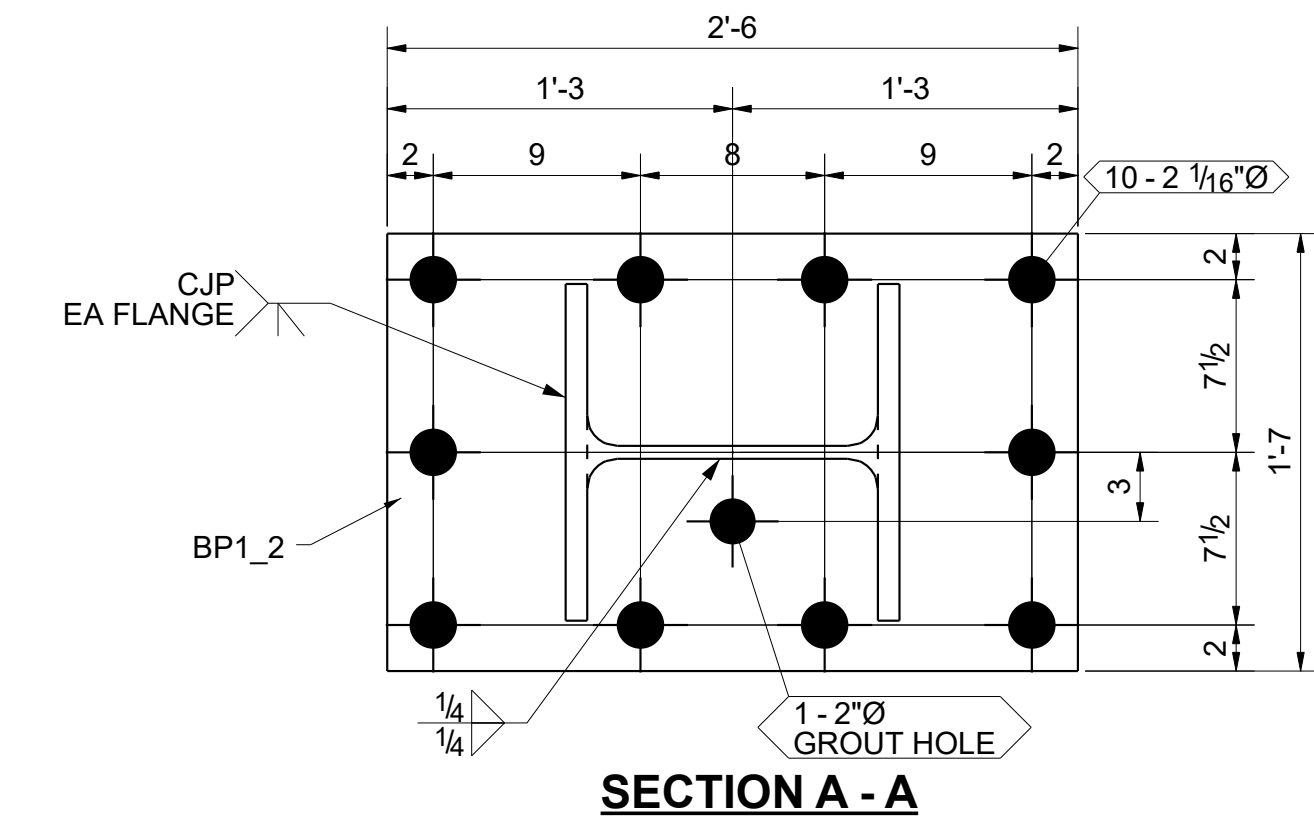
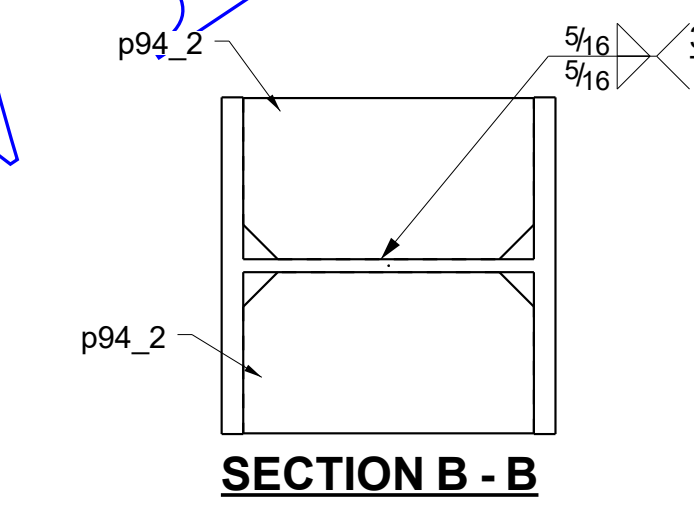
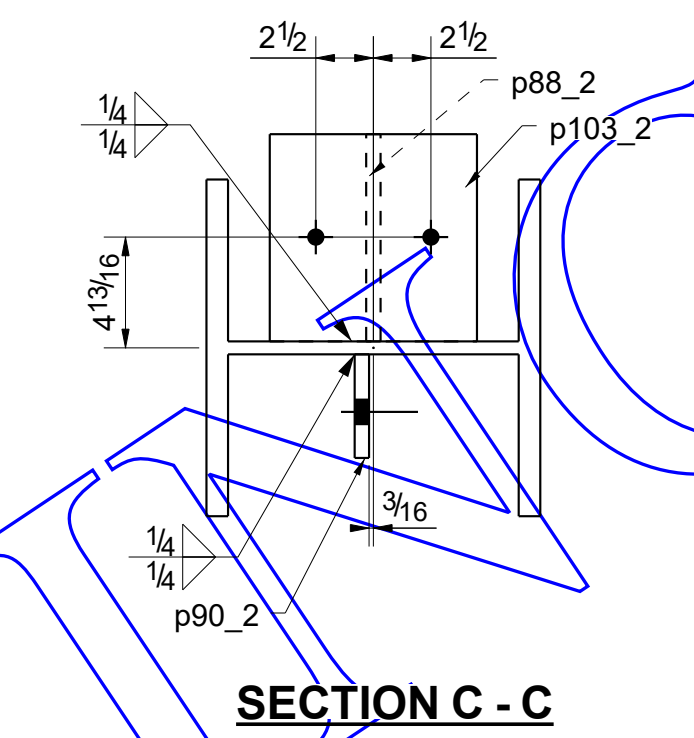
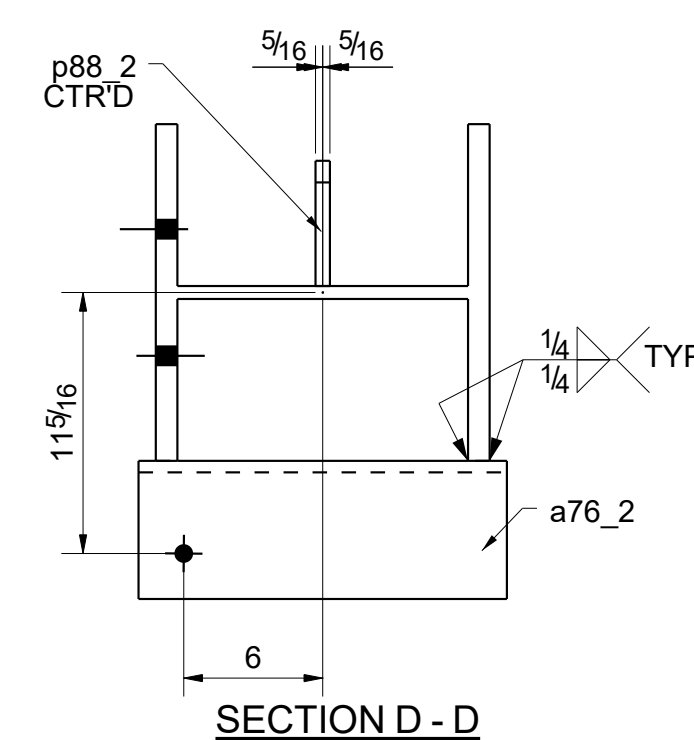
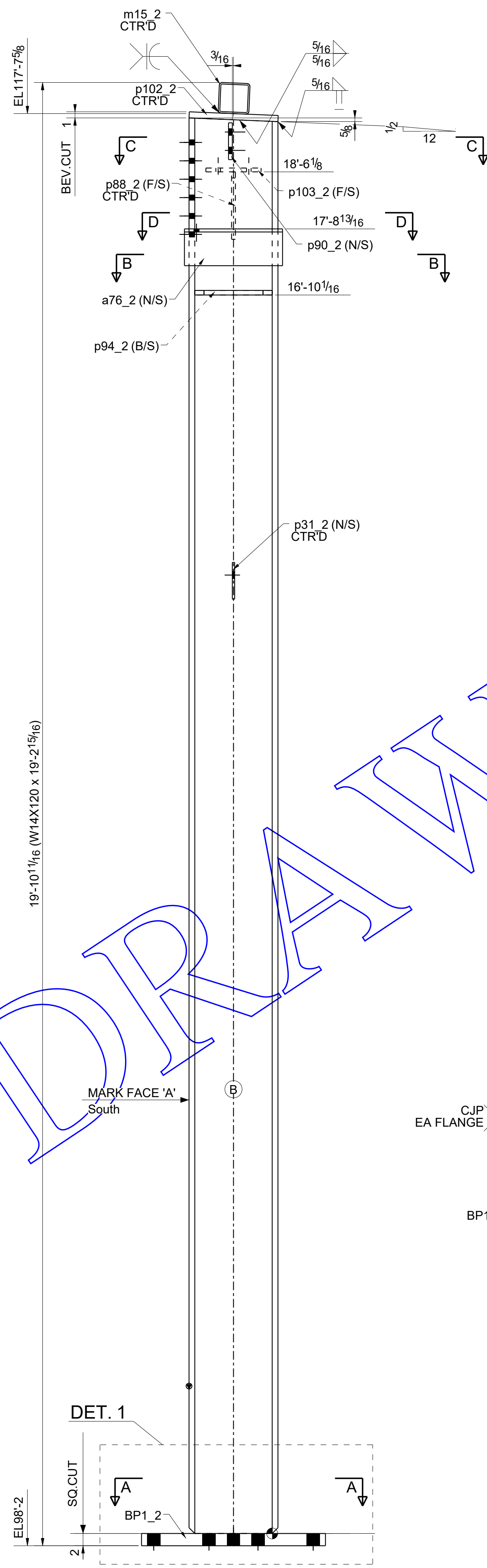
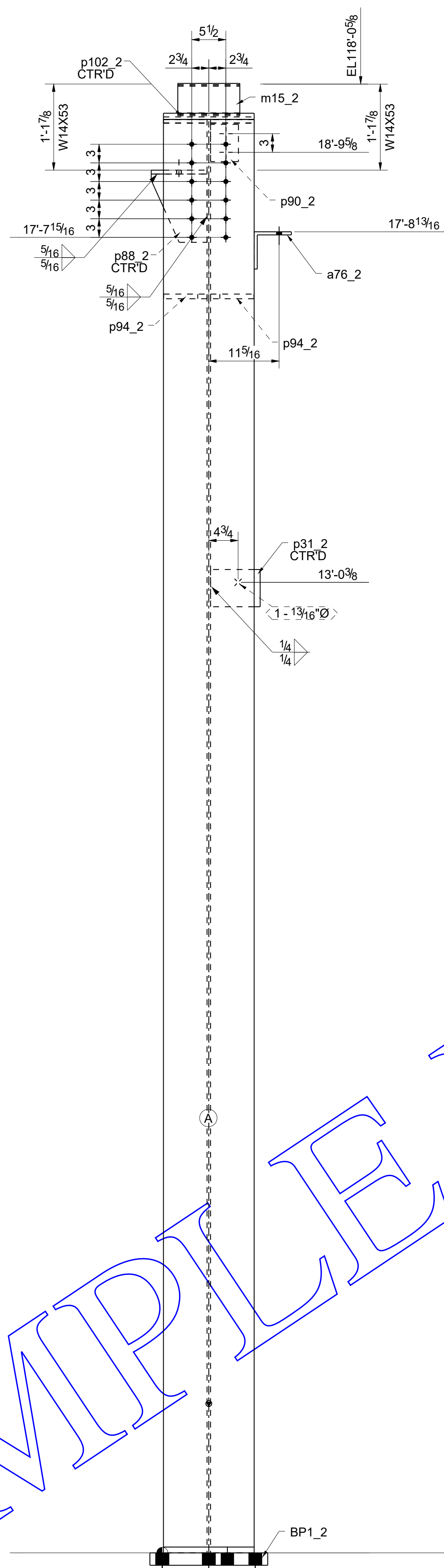
CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 2007	JOB NO. 20-1044
				DATE:	DATE:			

SAMPLED DRAWING ONLY

**BILL OF MATERIAL**

LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
SEQ.#2		Tot	Mark			Total		Mill #	Grade
	1			COLUMN					
	1	2009_C1		W14X120	19'-2 15/16"	2312		C2001	A992
	1	BP1_2		PL2"X19"	2'-6"	323			A36
	1	a76_2		L6X6X1/2	1'-4"	26			A36
	1	m15_2		HSS5X5X1/4	0'-10"	12			A500-GR.C
	1	p31_2		PL3/8"X6"	0'-8"	5			A36
	1	p88_2		PL5/8"X4"	0'-11"	14			A36
	1	p90_2		PL5/8"X4 1/2"	0'-6"	5			A36
	2	p94_2		PL3/4"X7"	1'-0 5/8"	37			A36
	1	p102_2		PL1"X14 1/2"	1'-2 5/8"	60			A36
	1	p103_2		PL5/8"X9"	0'-9"	14			A36



**ONE - COLUMN - 2009\_C1**

- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPES TO BE RADIUS
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

DETAILS OF: COLUMN REF. DWG. NO:

CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

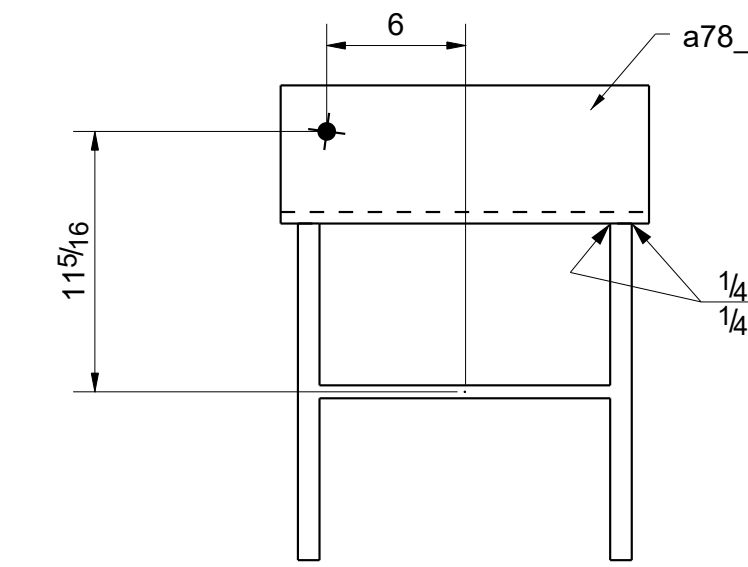
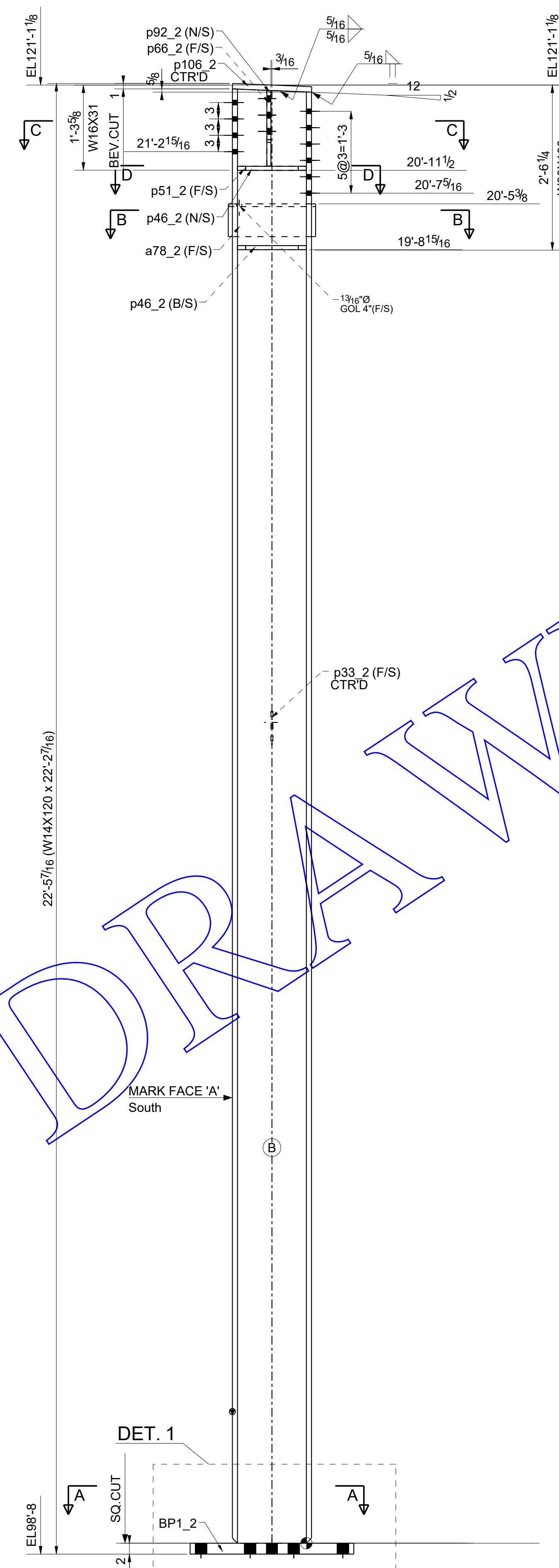
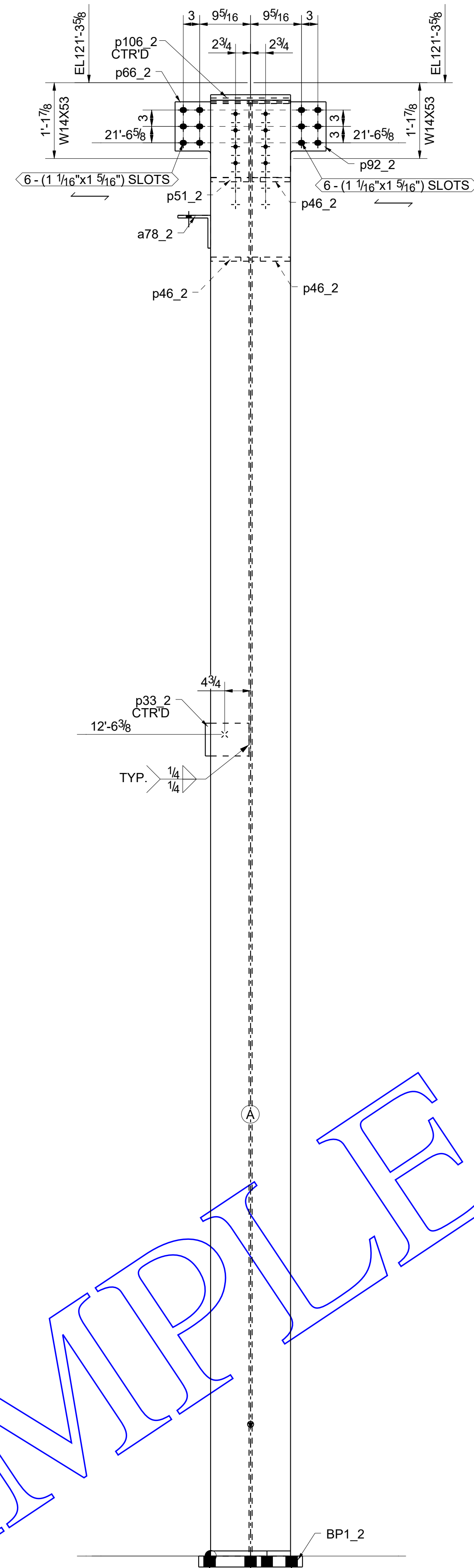
DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 2009	JOB NO. 20-1044
				DATE:	DATE:			

SAMPLE DRAWING ONLY

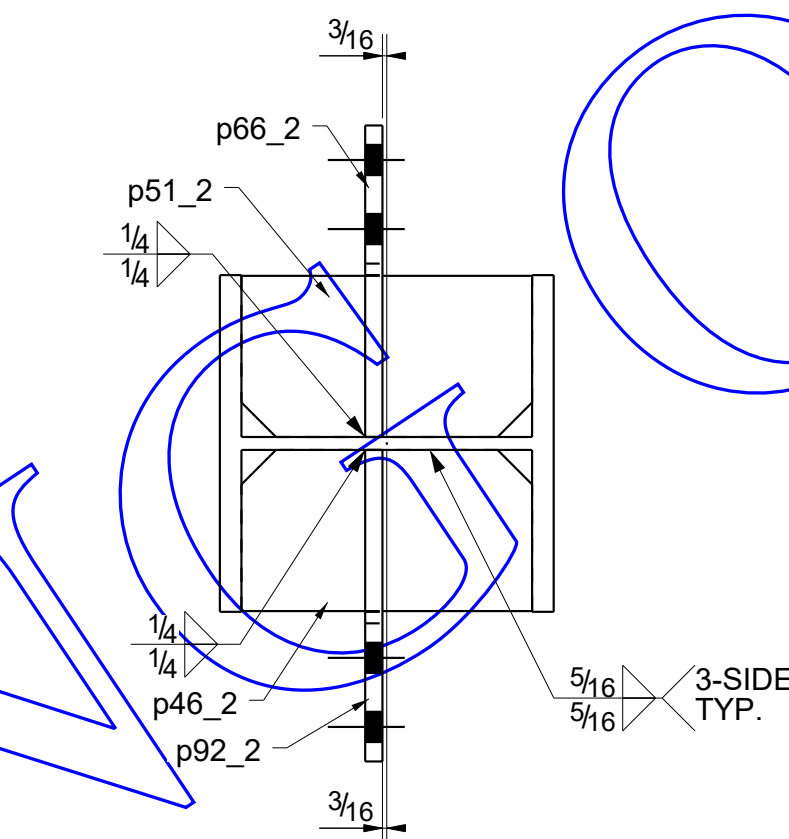


**BILL OF MATERIAL**

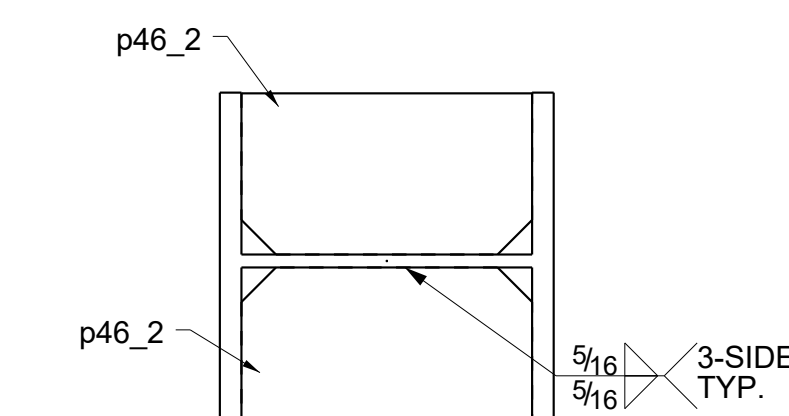
LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
		Tot	Mark			Total		Mill #	Grade
	SEQ.#2	1		COLUMN					
	1	2015_C1		W14X120	22'-2 7/16"	2667		C2000	A992
	1	BP1_2		PL2"X19"	2'-6"	323			A36
	1	a78_2		L6X6X1/2	1'-4"	26			A36
	1	p33_2		PL3/8"X6"	0'-8"	5			A36
	3	p46_2		PL3/4"X7"	1'-0 5/8"	55			A36
	1	p51_2		PL3/4"X7"	1'-0 5/8"	18			A36
	1	p66_2		PL3/4"X13 9/16"	1'-1 13/16"	33			A36
	1	p92_2		PL3/4"X13 9/16"	1'-1 13/16"	33			A36
	1	p106_2		PL1"X14 1/2"	1'-2 6/8"	60			A36



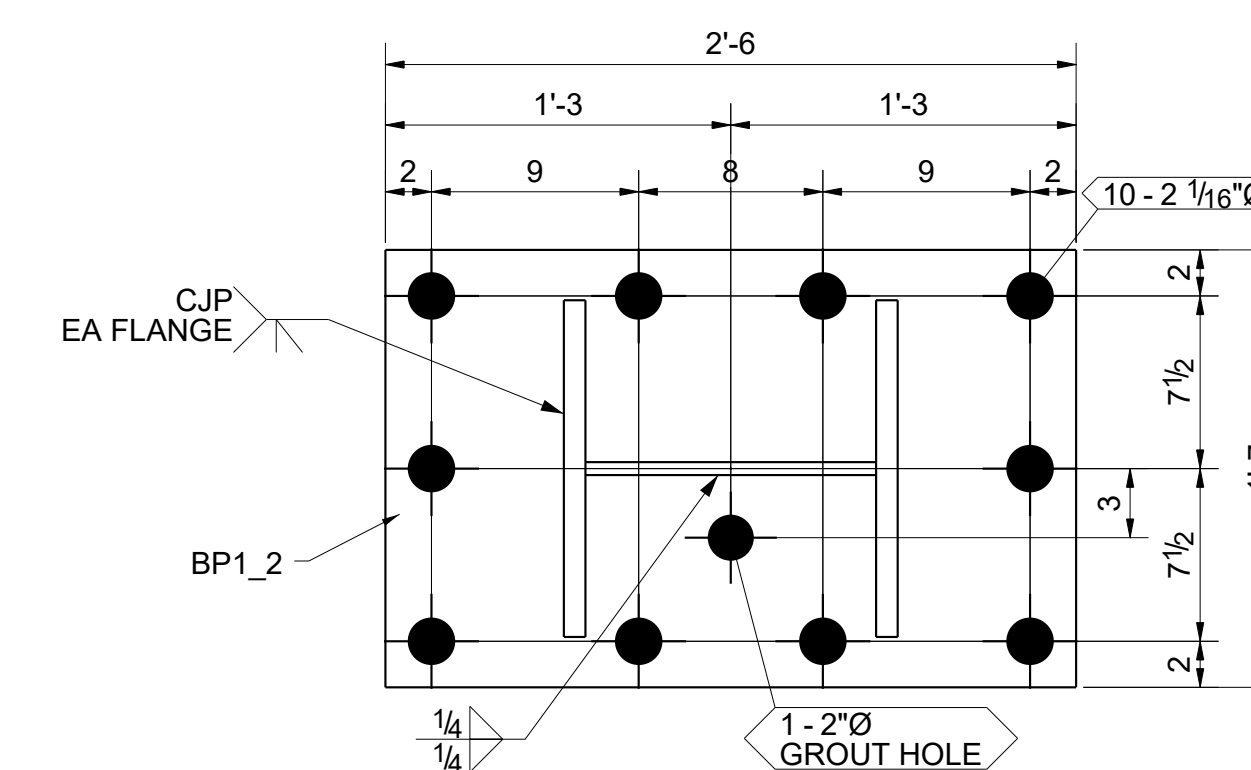
**SECTION D - D**



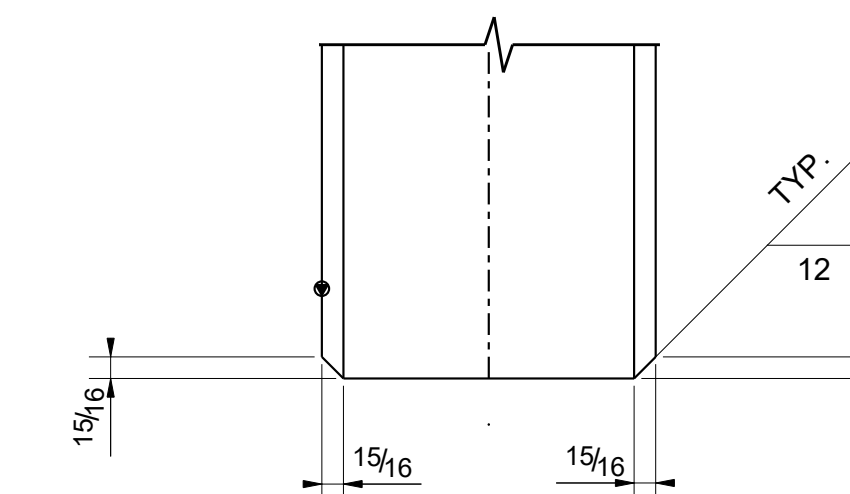
**SECTION C - C**



**SECTION B - B**



**SECTION A - A**



**DETAIL 1**

- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPIES TO BE RADUSED
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

DETAILS OF: COLUMN REF. DWG. NO:

CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

**ONE - COLUMN - 2015\_C1**

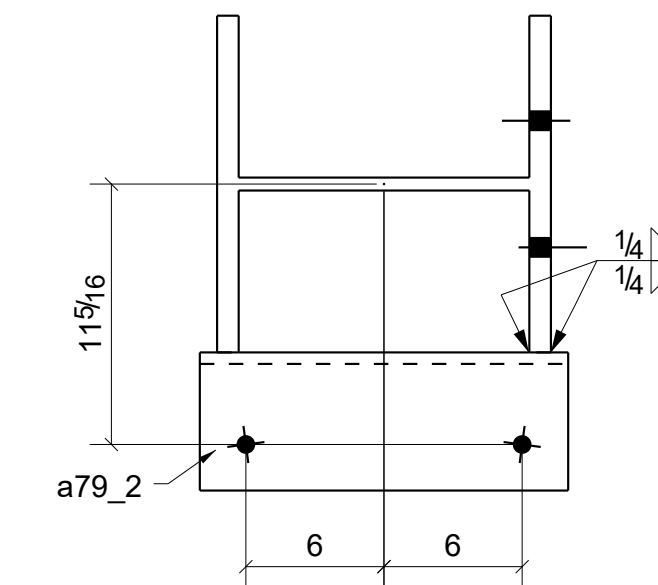
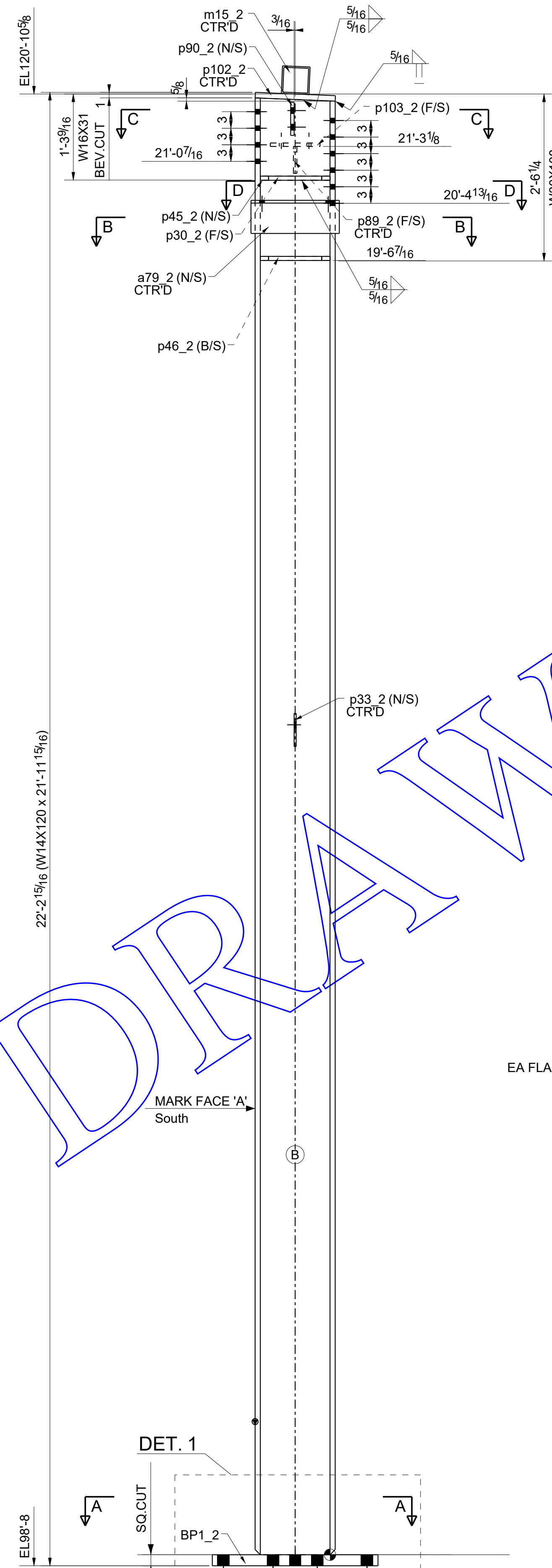
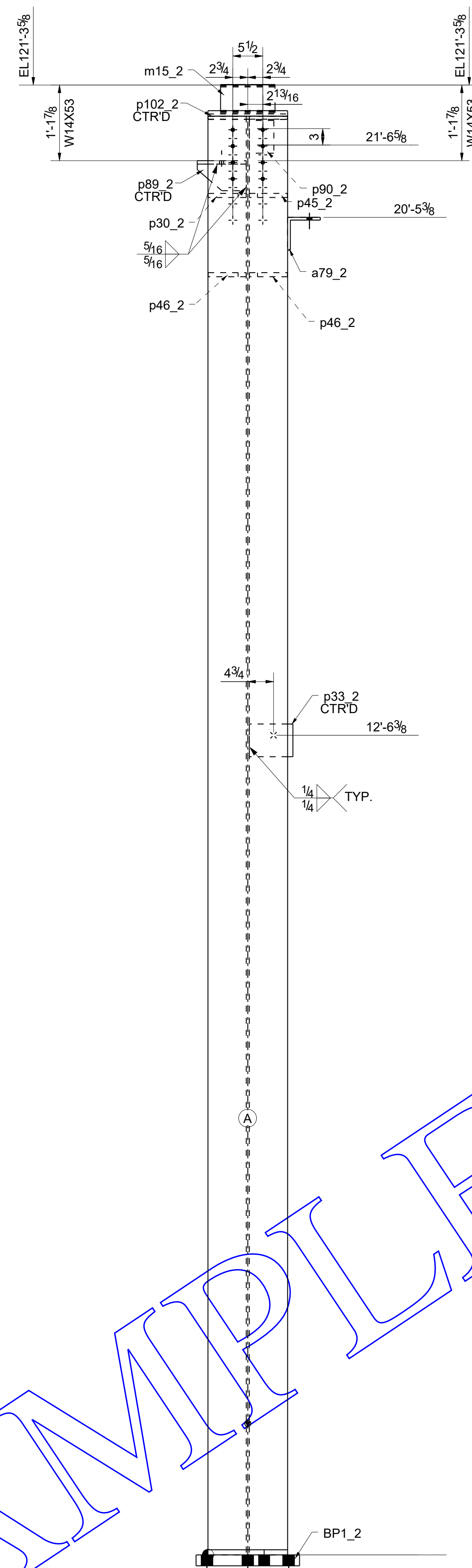
DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 2015	JOB NO. 20-1044
				DATE:	DATE:			

SAMPLE DRAWING ONLY

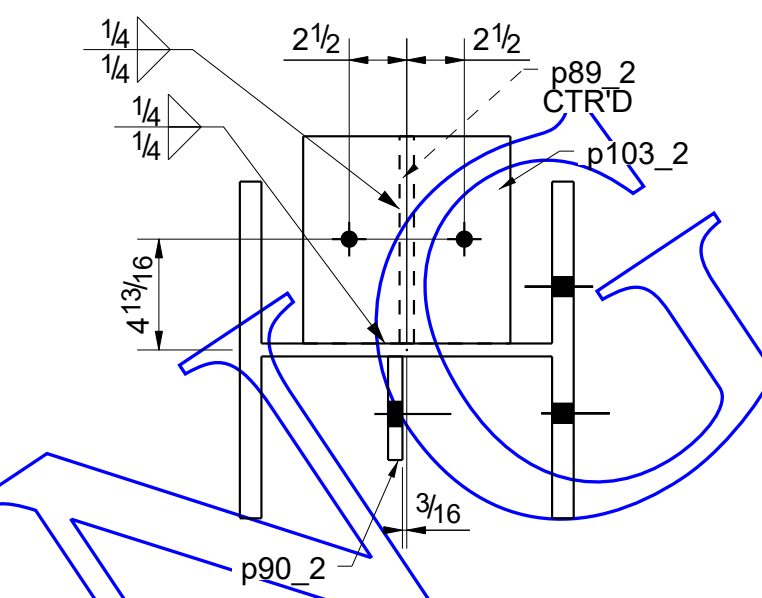


**BILL OF MATERIAL**

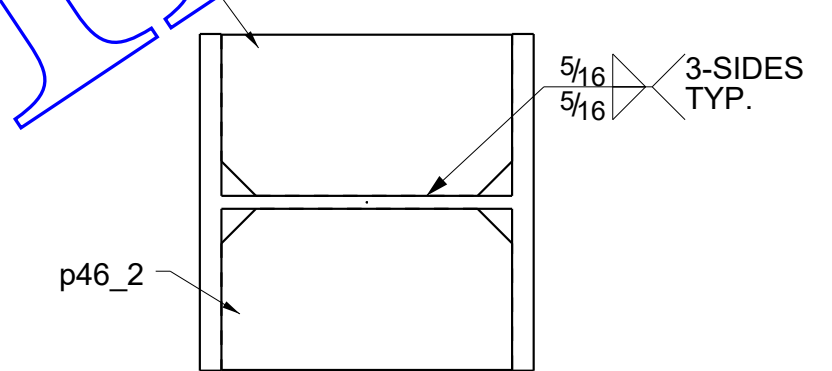
LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
		Tot	Mark			Total		Mill #	Grade
	SEQ.#2	1		COLUMN					
	1	2016_C1		W14X120	21'-11 15/16"	2642		C2000	A992
	1	BP1_2		PL2"X19"	2'-6"	323			A36
	1	a79_2		L6X6X1/2	1'-4"	26			A36
	1	m15_2		HSS5X5X1/4	0'-10"	12			A500-GR.C
	1	p30_2		PL3/4"X7"	1'-0 5/8"	18			A36
	1	p33_2		PL3/8"X6"	0'-8"	5			A36
	1	p45_2		PL3/4"X7"	1'-0 5/8"	18			A36
	2	p46_2		PL3/4"X7"	1'-0 5/8"	37			A36
	1	p89_2		PL5/8"X4 7/8"	0'-9"	6			A36
	1	p90_2		PL5/8"X4 1/2"	0'-6"	5			A36
	1	p102_2		PL1"X14 1/2"	2'-5 5/8"	60			A36
	1	p103_2		PL5/8"X9"	0'-9"	14			A36



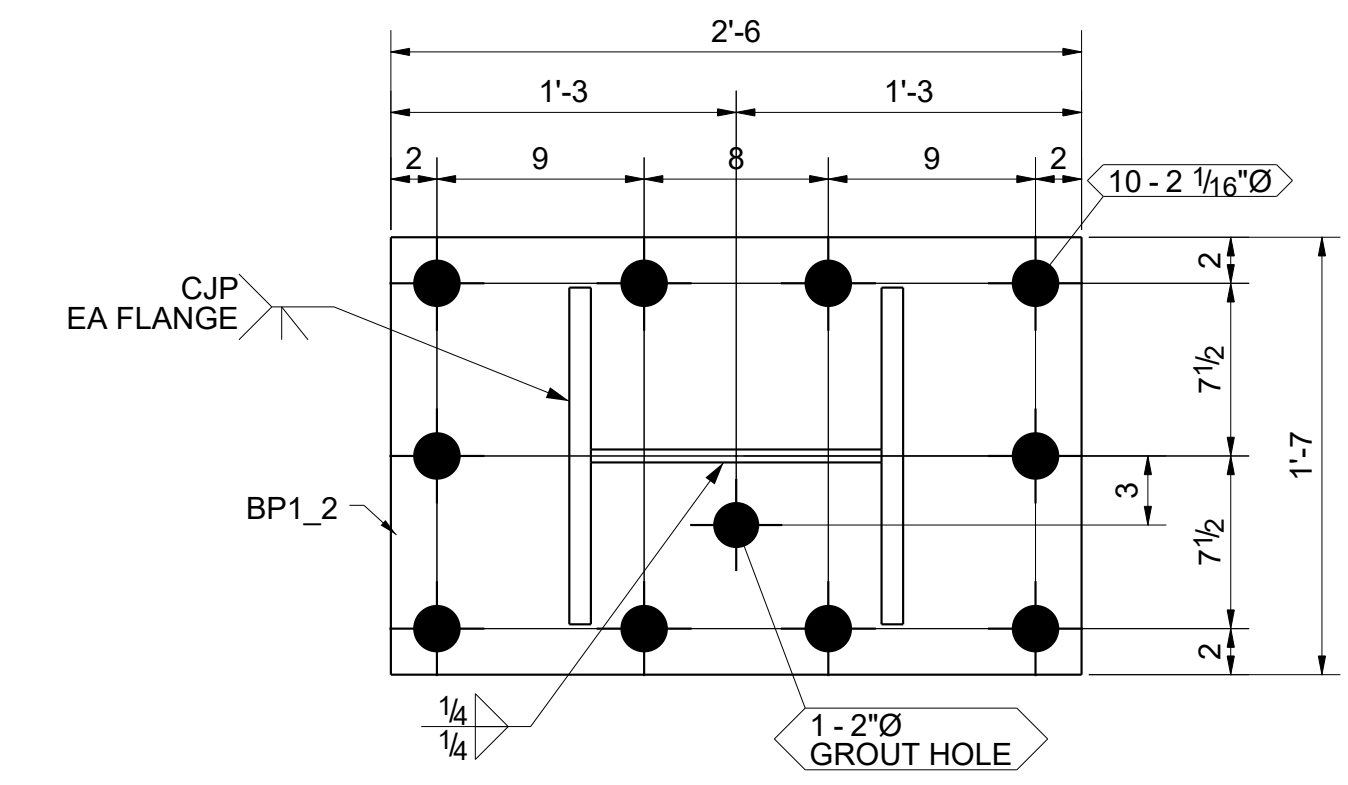
**SECTION D - D**



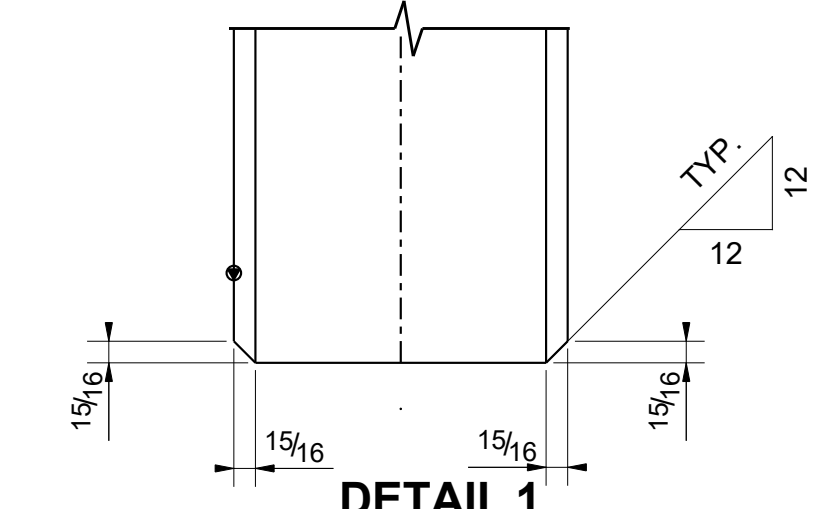
**SECTION C - C**



**SECTION B - B**



**SECTION A - A**



**DETAIL 1**

- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPES TO BE RADIUS
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

DETAILS OF : COLUMN REF. DWG. NO :

CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

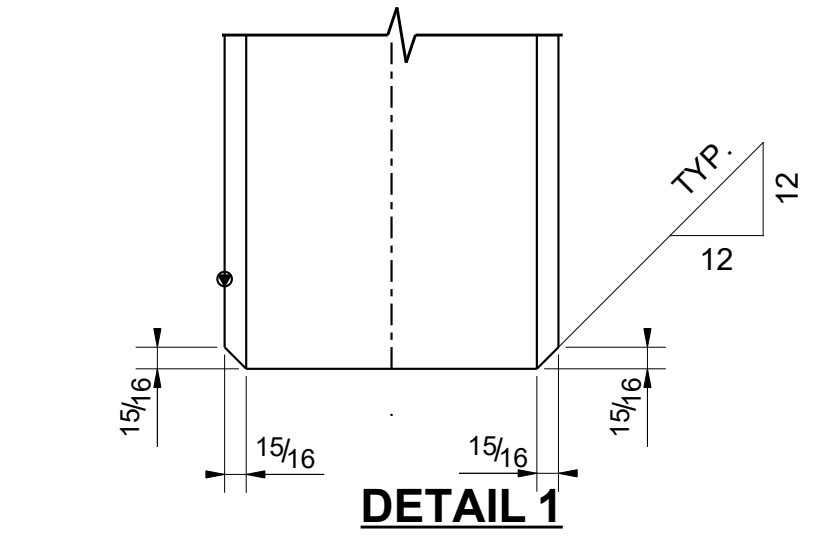
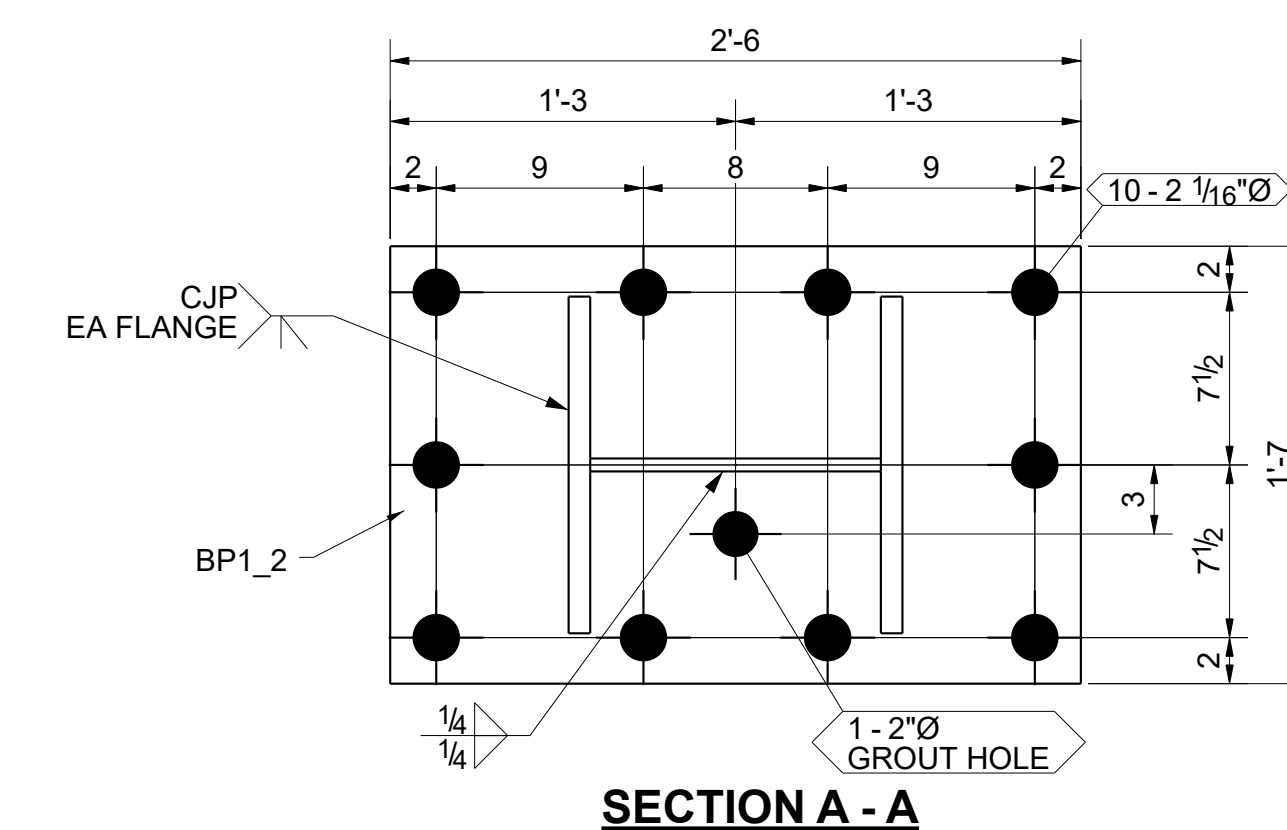
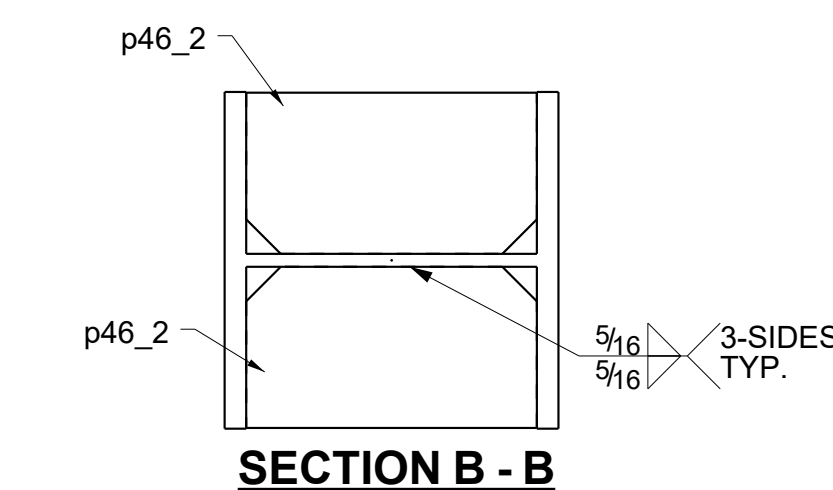
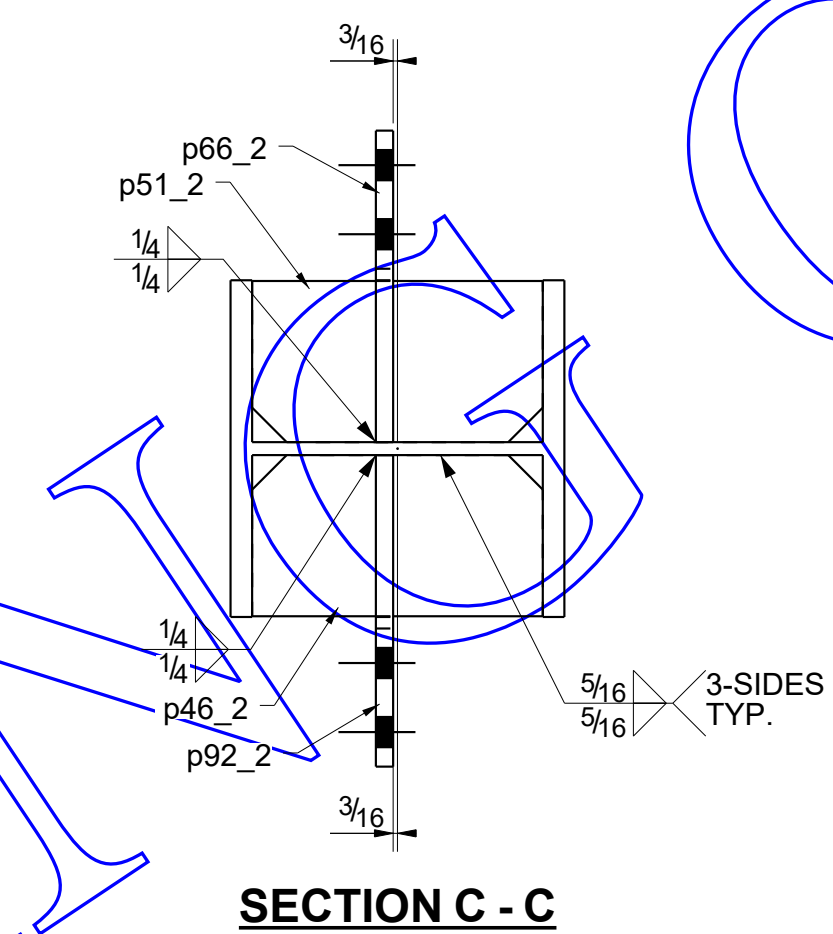
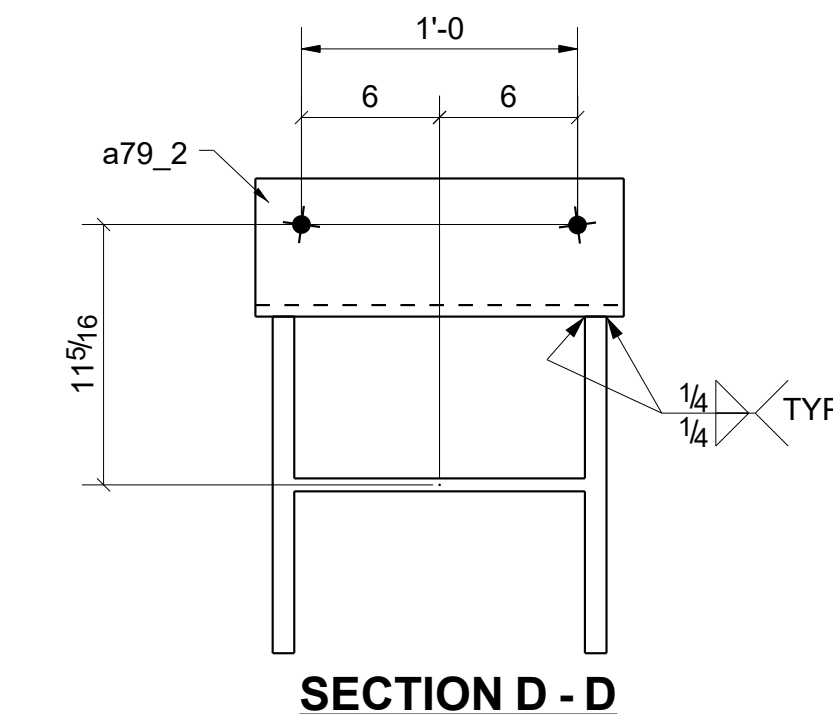
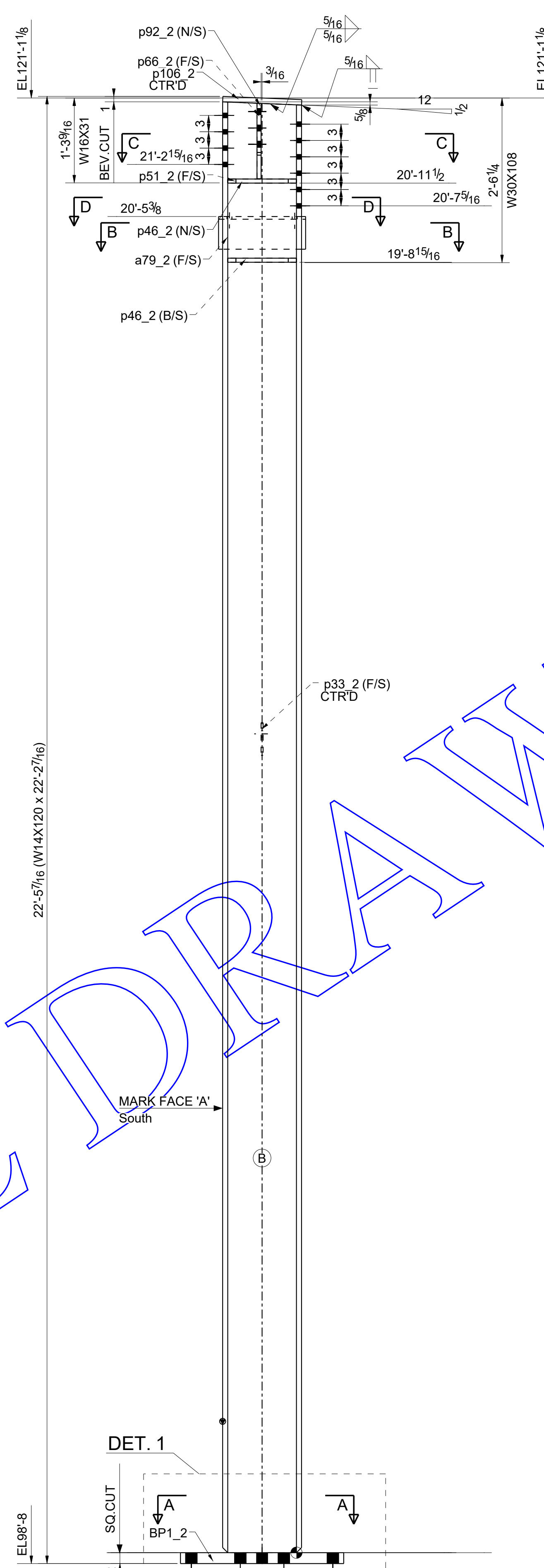
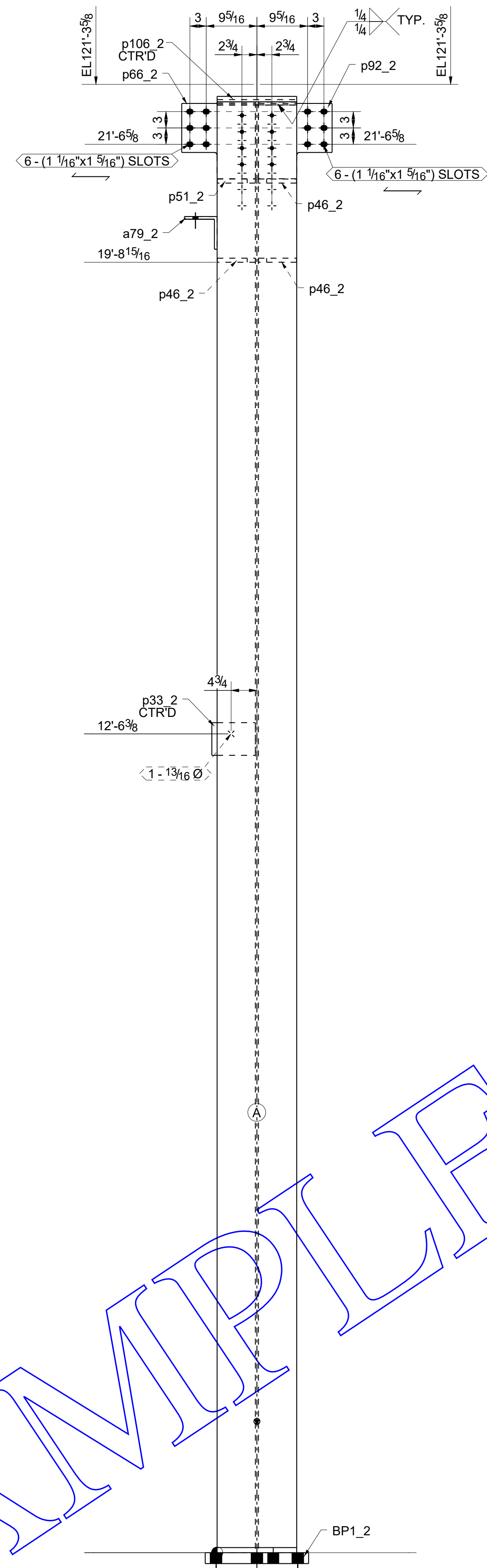
**ONE - COLUMN - 2016\_C1**

DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 2016	JOB NO. 20-1044
				DATE:	DATE:			

SAMPLE DRAWING ONLY

**BILL OF MATERIAL**

LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
SEQ.#2		Tot	Mark			Total		Mill #	Grade
		1		COLUMN					
		1	2017_C1	W14X120	22'-2 7/16"	2667		C2000	A992
		1	BP1_2	PL2"X19"	2'-6"	323			A36
		1	a79_2	L6X6X1/2	1'-4"	26			A36
		1	p33_2	PL3/8"X6"	0'-8"	5			A36
		3	p46_2	PL3/4"X7"	1'-0 5/8"	55			A36
		1	p51_2	PL3/4"X7"	1'-0 5/8"	18			A36
		1	p66_2	PL3/4"X13 9/16"	1'-1 13/16"	33			A36
		1	p92_2	PL3/4"X13 9/16"	1'-1 13/16"	33			A36
		1	p106_2	PL1"X14 1/2"	1'-2 6/8"	60			A36



- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPIES TO BE RADUSED
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

DETAILS OF: COLUMN REF. DWG. NO:

CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

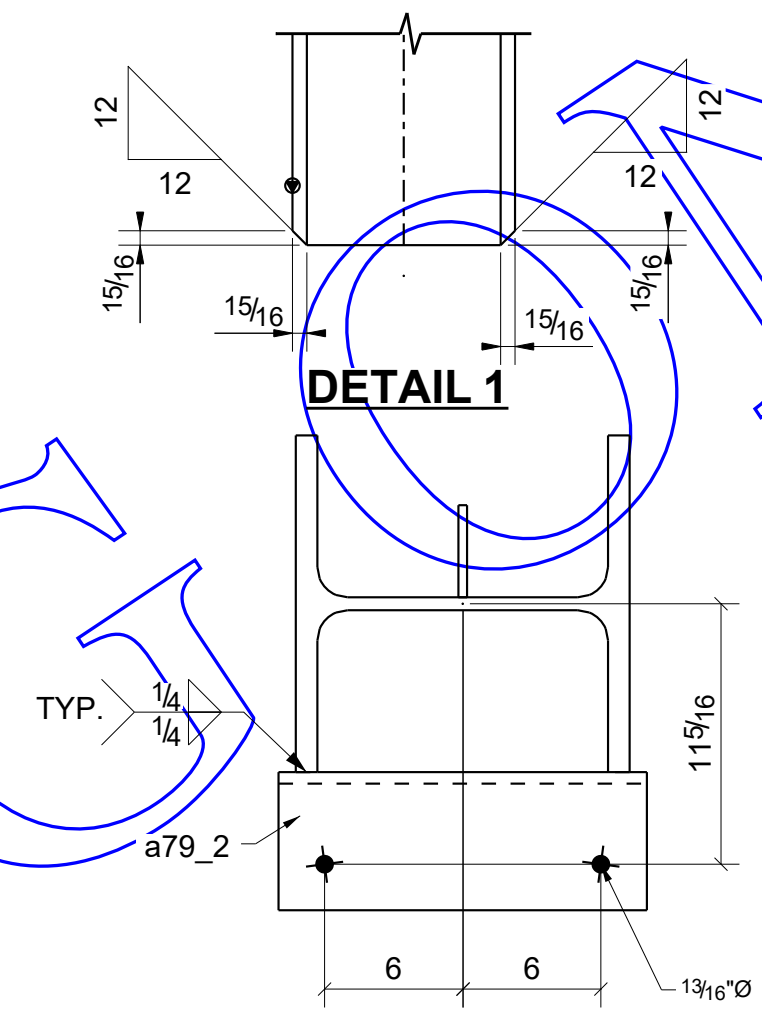
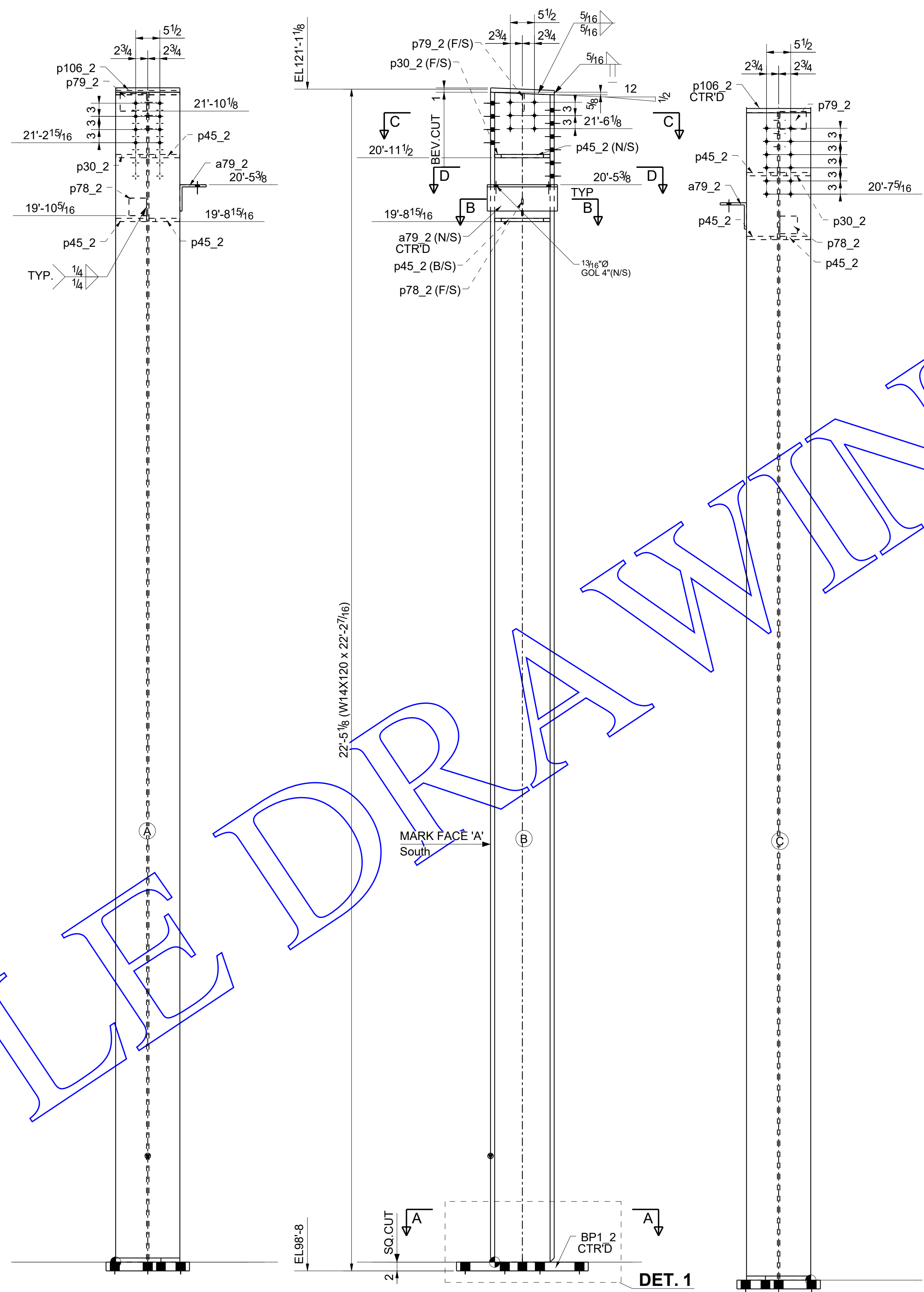
**ONE - COLUMN - 2017\_C1**

DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 2017	JOB NO. 20-1044
				DATE:	DATE:			

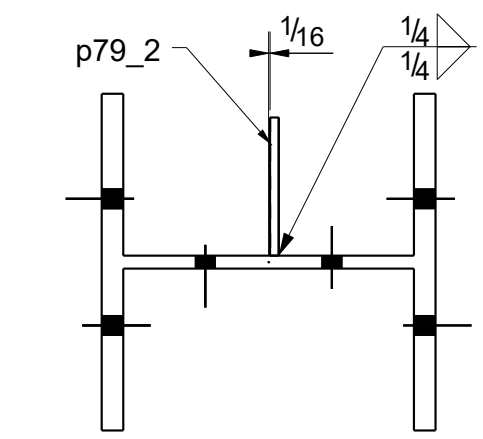
SAMPLE DRAWING ONLY

**BILL OF MATERIAL**

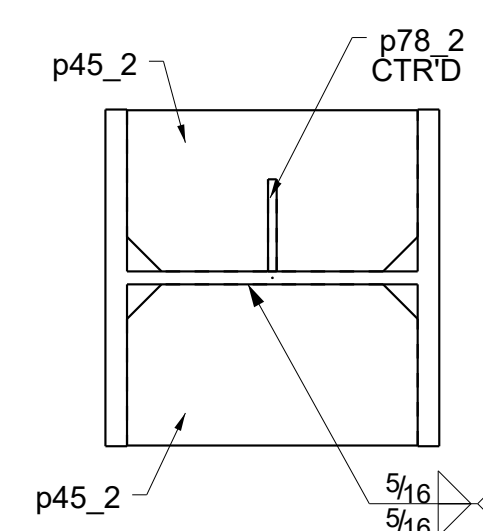
LINE	SEQUENCE	Qty	Piece	Description	Length	Weight	Remarks	Adv	Steel
		Tot	Mark			Total		Mill #	Grade
	SEQ.#2	1		COLUMN					
	1	2019_C1		W14X120	22'-2 7/16"	2667		C2000	A992
	1	BP1_2		PL2"X19"	2'-6"	323			A36
	1	a79_2		L6X6X1/2	1'-4"	26			A36
	1	p30_2		PL3/4"X7"	1'-0 5/8"	18			A36
	3	p45_2		PL3/4"X7"	1'-0 5/8"	55			A36
	1	p78_2		PL3/8"X4"	0'-4"	2			A36
	1	p79_2		PL3/8"X4"	0'-6"	3			A36
	1	p106_2		PL1"X14 1/2"	1'-2 5/8"	60			A36



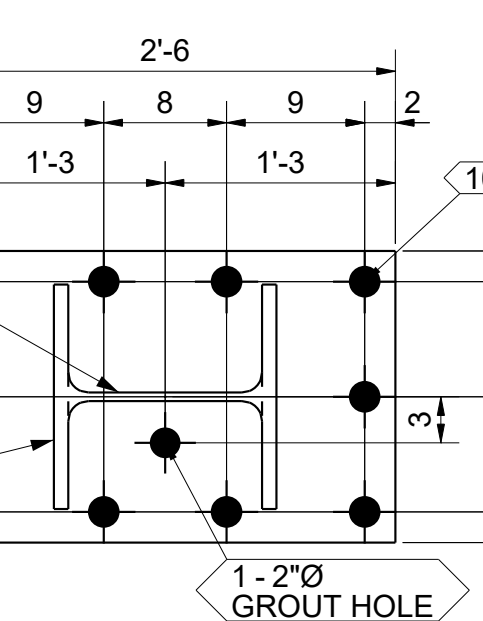
**SECTION D - D**



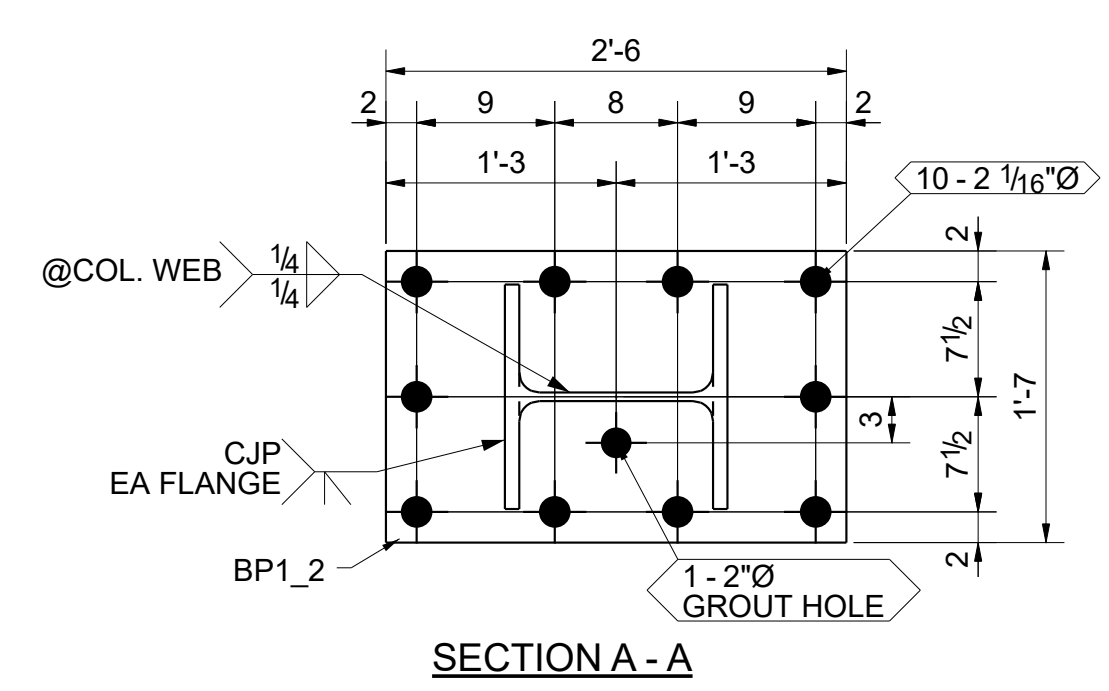
**SECTION C - C**



**SECTION B - B**



**SECTION A - A**



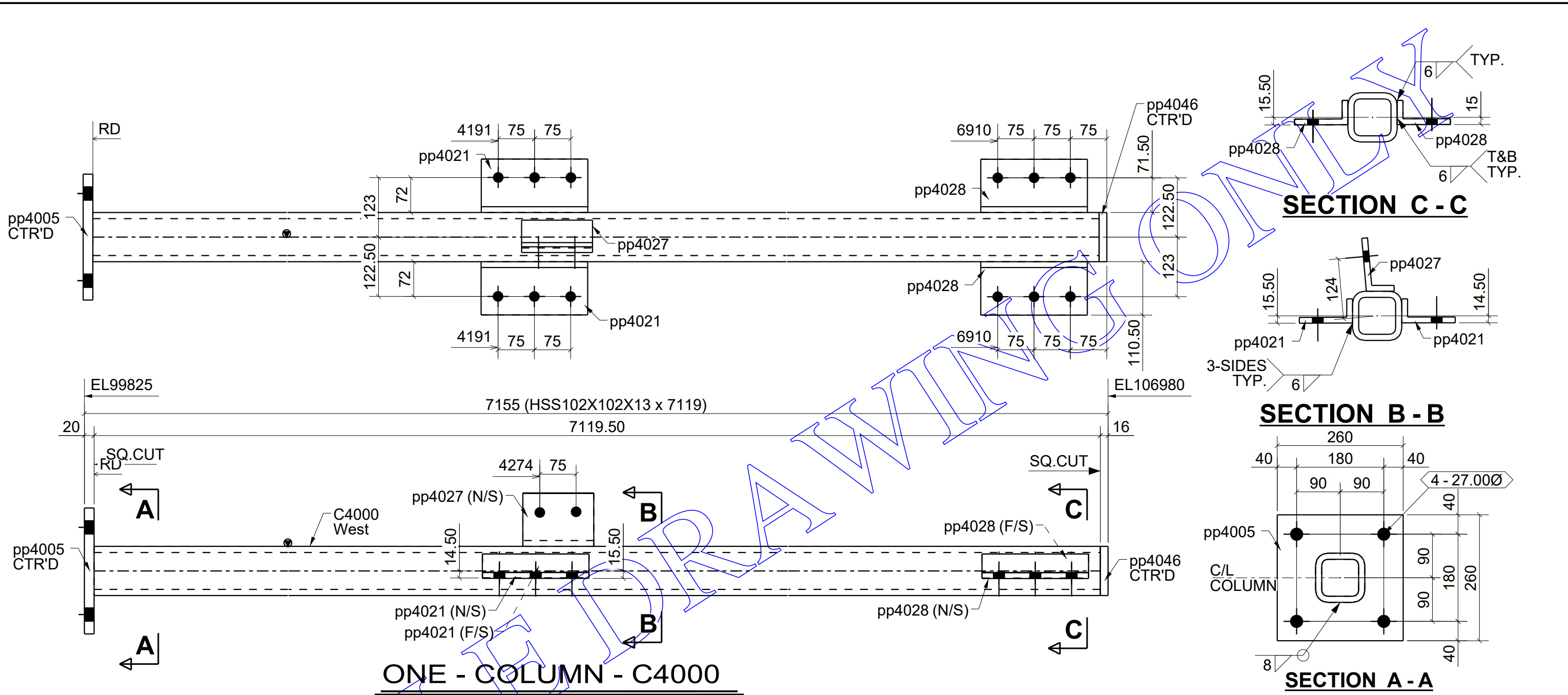
- ALL MATERIAL TO BE A36 UNLESS NOTED
- ALL TUBES TO BE A500-GR B (Fy=50) UNLESS NOTED
- ALL PIPES TO BE A53-GRB UNLESS NOTED
- ALL HS SHOP BOLTS TO BE TORQUED UNLESS NOTED
- ALL RUNNING DIMENSIONS FROM END OF MAIN MATERIAL
- ALL SHOP WELDS TO BE E70XX-LH ELECTRODES
- ALL COPES TO BE RADIUS
- ALL BEAMS TO BE FABRICATED WITH RESIDUAL CAMBER UP
- MEMBERS ARE TO BE ERECTED SO THAT MARKED END IS IN SAME LOCATION AS ON ERECTION DRAWING

DETAILS OF: COLUMN REF. DWG. NO:

CLEANING	SHOP PAINT
SSPC-SP3	ONE COAT SHOP PRIMER
UNLESS NOTED	UNLESS NOTED

DATE:	USE	DRAW BY: RSK	13/16 Ø HOLES UNLESS NOTED	DRAW BY: RSK	CHECKED BY: MAK	CONNECTIONS 3/4 Ø A325 UNLESS NOTED	DWG. NO. 2019	JOB NO. 20-1044
				DATE:	DATE:			

SAMPLE DRAWING



**ONE - COLUMN - C4000**

**BILL OF MATERIAL**

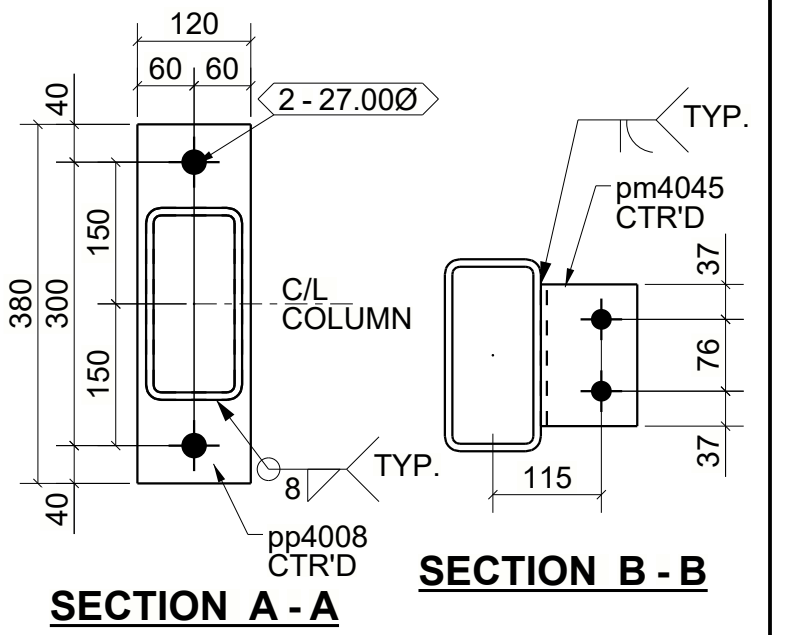
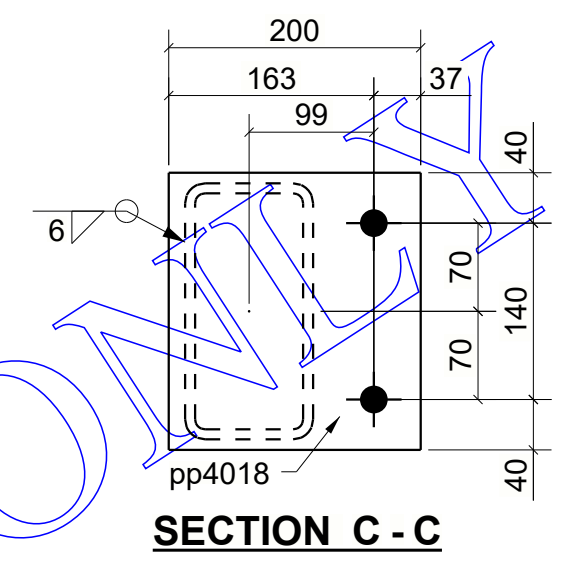
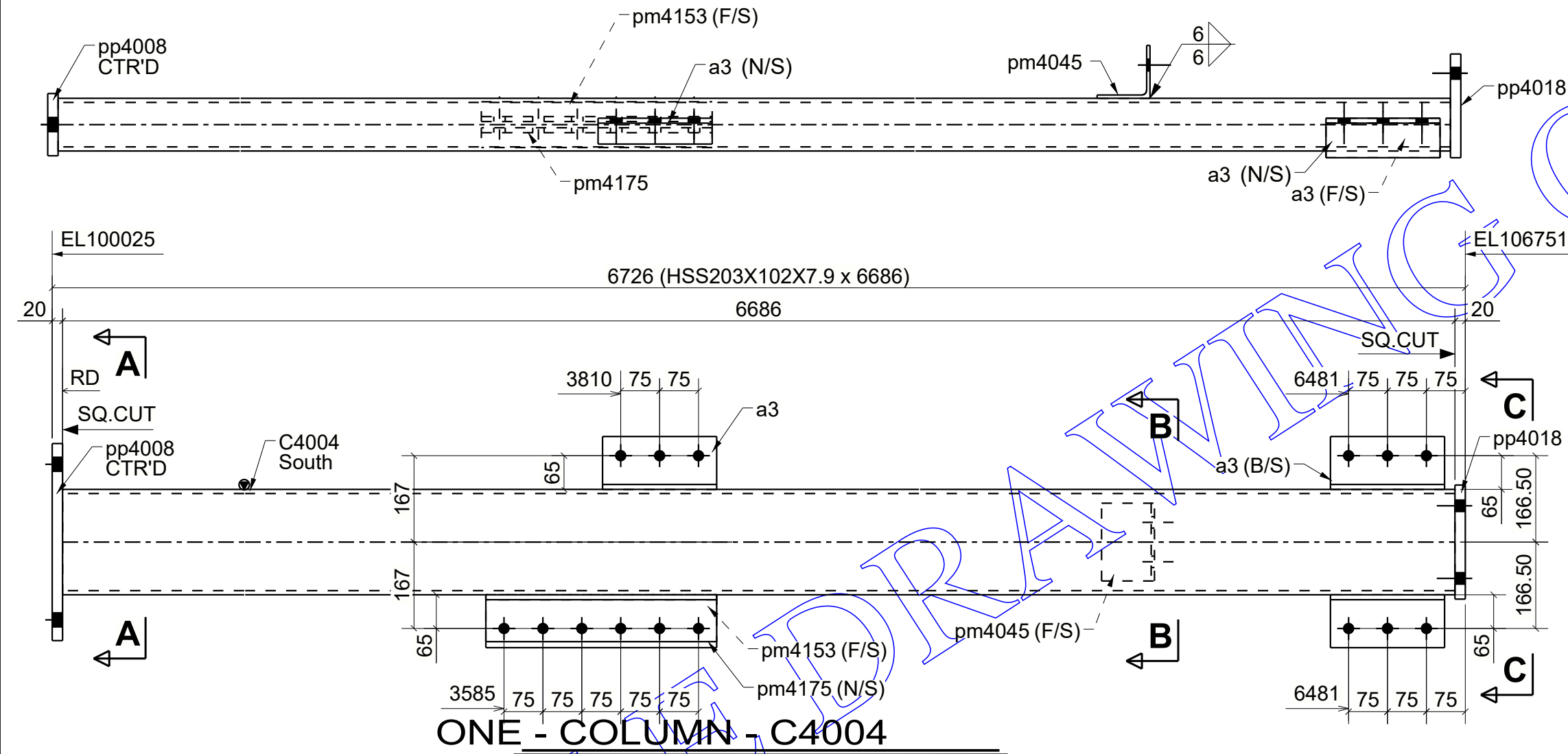
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
C4000	1	COLUMN			
C4000	1	HSS102X102X13	7119.00	505	350W GR.C
pp4005	1	PL20X260	260.00	23	300W
pp4021	2	FPL12X148	220.00	14	300W
pp4027	1	FPL12X146	156.00	5	300W
pp4028	2	FPL12X148	220.00	14	300W
pp4046	1	PL16X102	102.00	3	300W
TOTAL WEIGHT THIS DRAWING				563	

ASSEMBLY WEIGHT: 255lbs  
 ASSEMBLY AREA: 3.12m<sup>2</sup>  
 ASSEMBLY VOLUME: 0.04m<sup>3</sup>

NOTE #1: ARCHITECT, ENGINEER & G.C. PLEASE NOTE:  
 IF NO COMMENTS APPEAR ON THIS DRAWING WHEN  
 THE DRAWING ISSUED FOR APPROVAL / REVIEW, THEN  
 ECOSSE WELDING  
 WILL ASSUME THAT ITS INTERPRETATION OF ARCHITECTURAL  
 AND STRUCTURAL DRAWINGS IS ACCEPTABLE BY ALL PARTIES,  
 AND FABRICATION WILL PROCEED ACCORDINGLY.  
 REF:  
 MATERIAL: CAN3-G40.20 & G40.21  
 HOLES: 22mm Ø (U.N.O)  
 WELDS: 6mm Fillet (U.N.O)  
 SURF PREP: SSPC-SP2  
 PRIMER NOTE: ONE COAT SHOP PRIMER  
 PAINT NOTE:  
 REMARKS:

PROJECT:			
CUSTOMER:			
DETAIL: COLUMN		SHEET #:	
DRAWN BY: RSK	CHECKED BY: MAK	JOB NUMBER: 7000	DWG NUMBER: C4000
DATE:	PLOT DATE:		REV: 0

GRID LOCATION	BOTTOM ELEVATION
L/17	+100.025



### BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
C4004	1	COLUMN			
C4004	1	HSS203X102X7.9	6686.00	511	350W GR.C
a3	3	L102X76X9.5	220.00	18	300W
pm4045	1	L102X102X6.4	150.00	3	300W
pm4153	1	L102X76X9.5	445.00	12	300W
pm4175	1	L102X76X9.5	445.00	12	300W
pp4008	1	PL20X120	380.00	16	300W
pp4018	1	PL20X200	220.00	15	300W
TOTAL WEIGHT THIS DRAWING				589	

ASSEMBLY WEIGHT:	ASSEMBLY AREA:	ASSEMBLY VOLUME:
267lbs	4.72m <sup>2</sup>	0.03m <sup>3</sup>

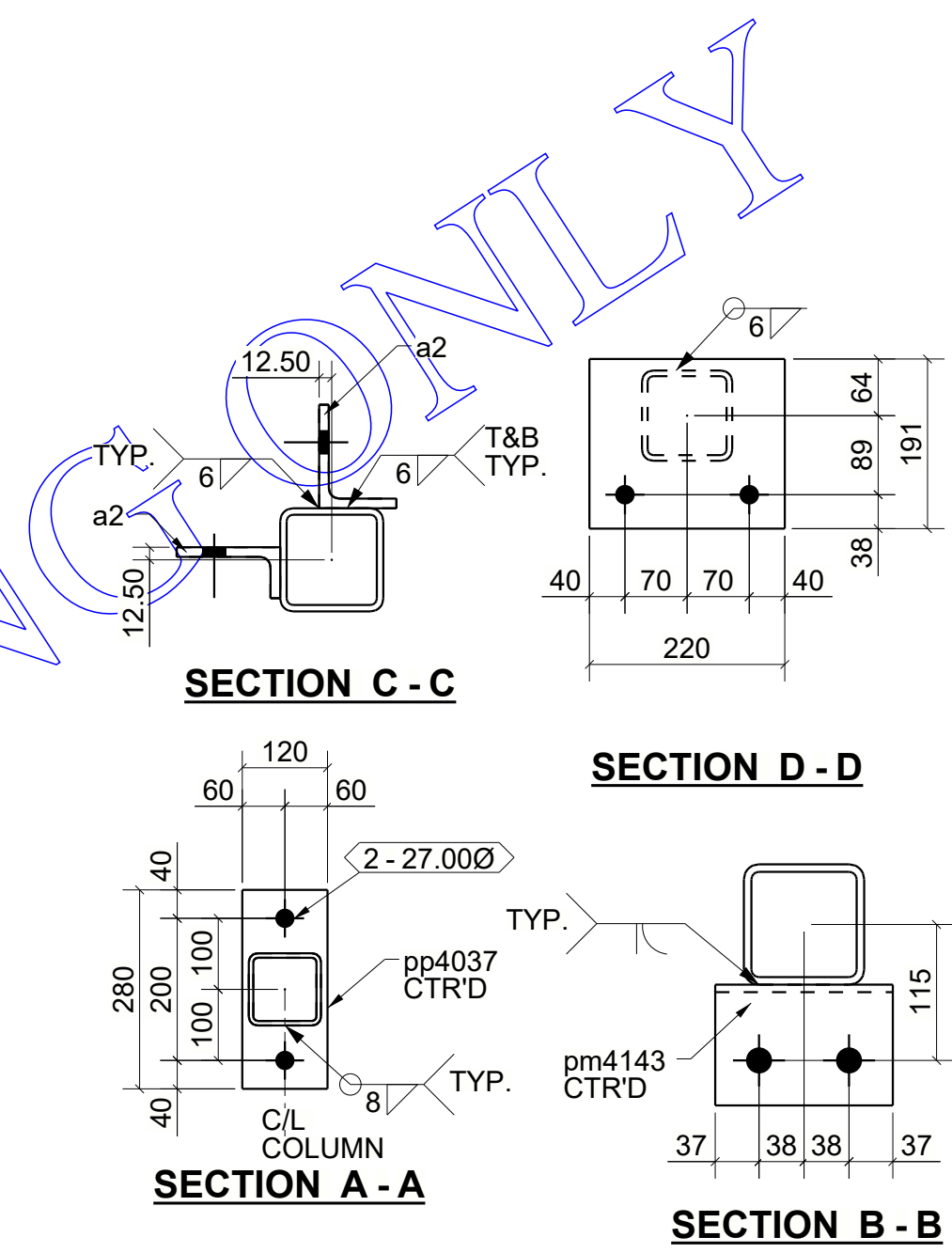
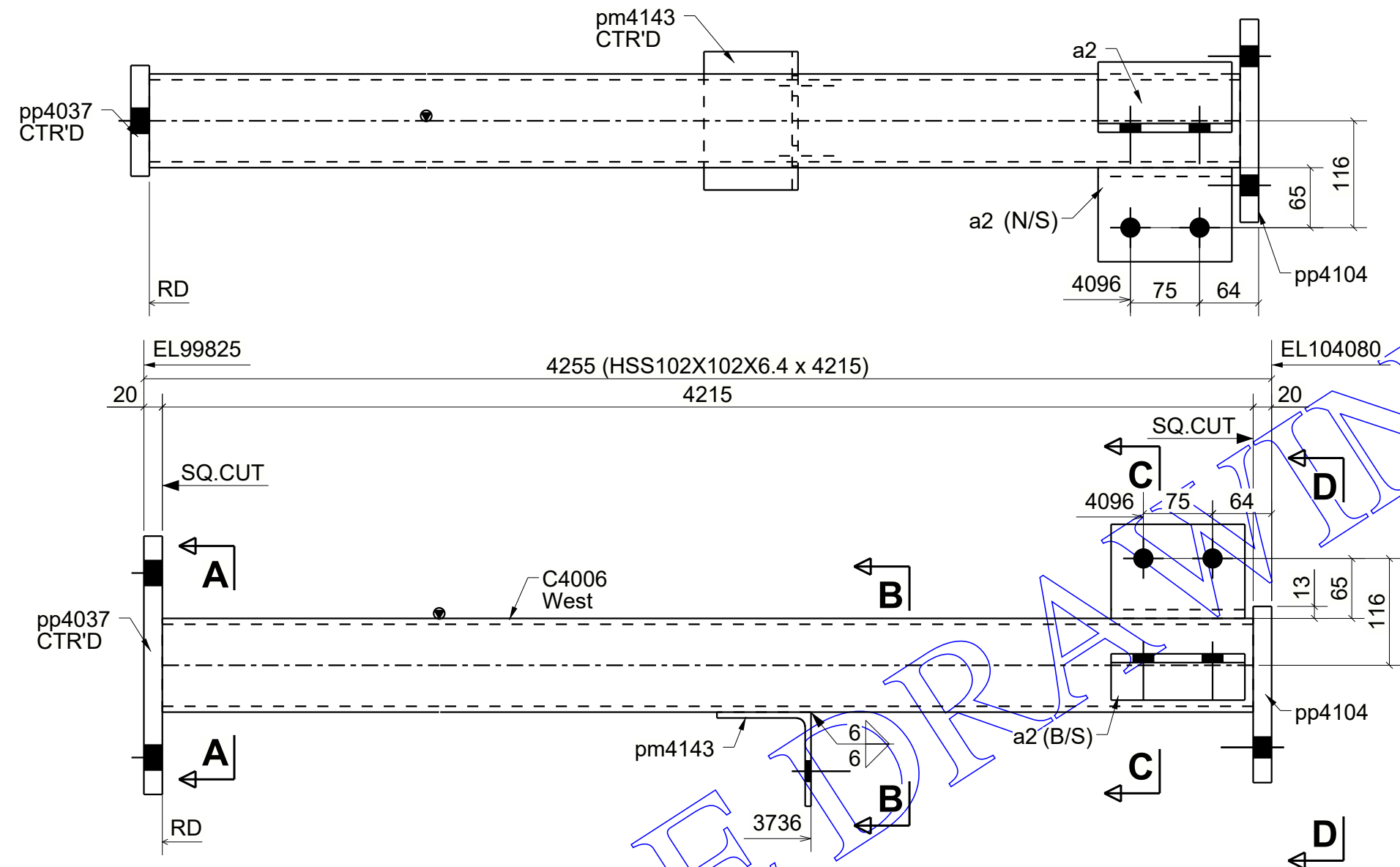
NOTE #1: ARCHITECT, ENGINEER & G.C. PLEASE NOTE:  
 IF NO COMMENTS APPEAR ON THIS DRAWING WHEN  
 THE DRAWING ISSUED FOR APPROVAL / REVIEW, THEN  
 ECOSSE WELDING  
 WILL ASSUME THAT ITS INTERPRETATION OF ARCHITECTURAL  
 AND STRUCTURAL DRAWINGS IS ACCEPTABLE BY ALL PARTIES,  
 AND FABRICATION WILL PROCEED ACCORDINGLY.

REF:  
 MATERIAL: CAN3-G40.20 & G40.21  
 HOLES: 22mm Ø (U.N.O)  
 WELDS: 6mm Fillet (U.N.O)  
 SURF PREP: SSPC-SP2  
 PRIMER NOTE: ONE COAT SHOP PRIMER  
 PAINT NOTE:  
 REMARKS:

PROJECT:		SHEET #:		REV: 0
CUSTOMER:		DWG NUMBER: C4004		
DETAIL: COLUMN	DRAWN BY: RSK	CHECKED BY: MAK	JOB NUMBER: 7000	
DATE:	PLOT DATE:			

Tekla Structures

GRID LOCATION	BOTTOM ELEVATION
L/19	+99.825



**ONE - COLUMN - C4006**

**BILL OF MATERIAL**

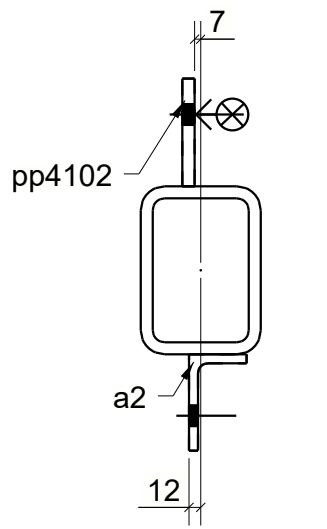
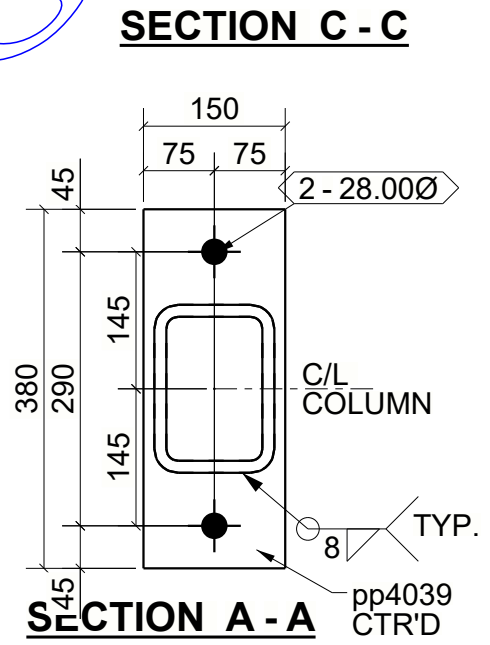
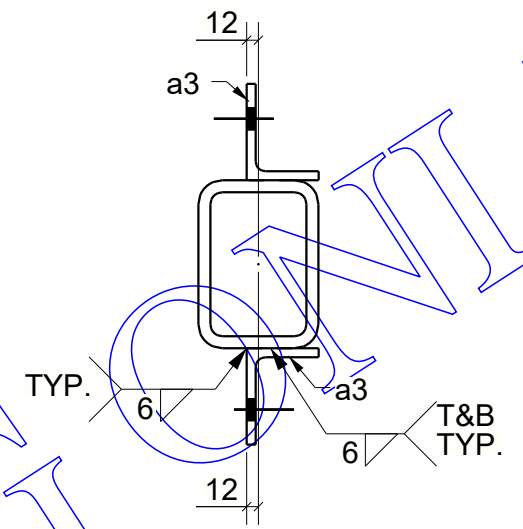
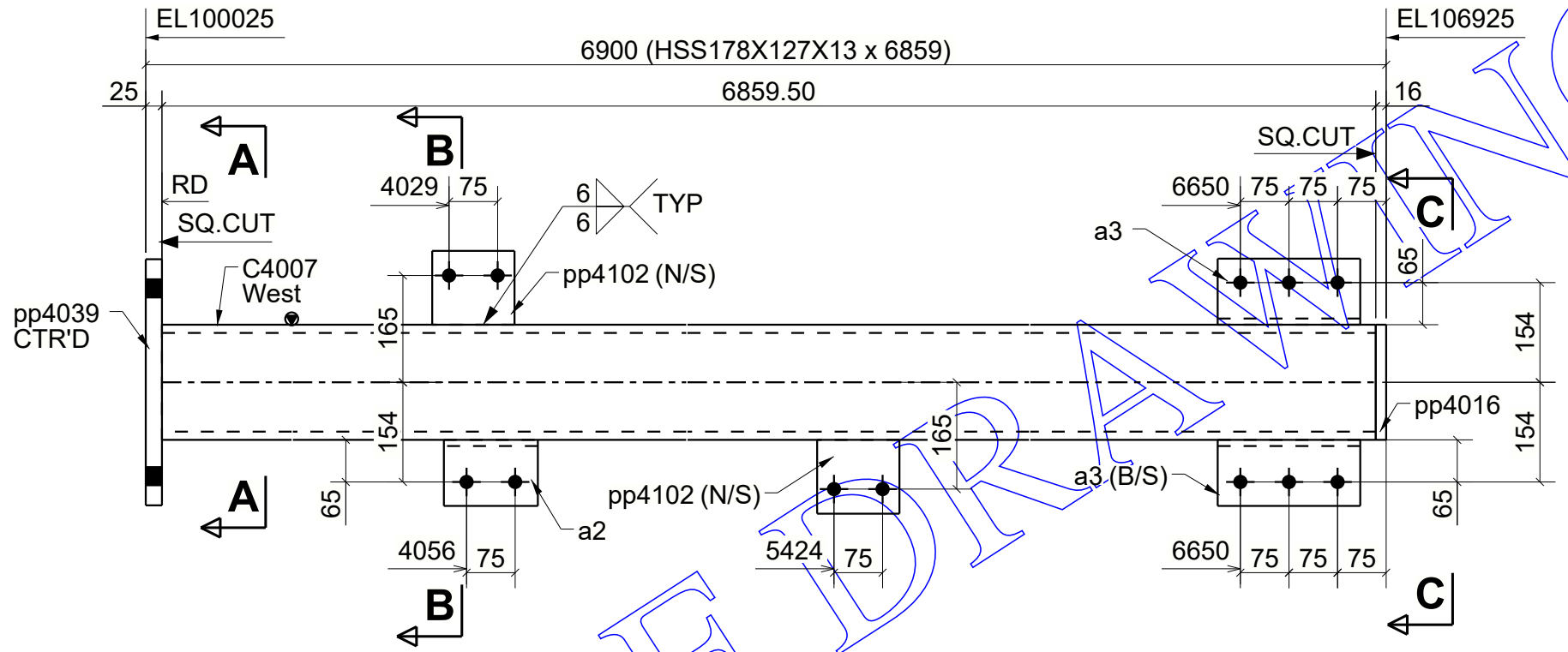
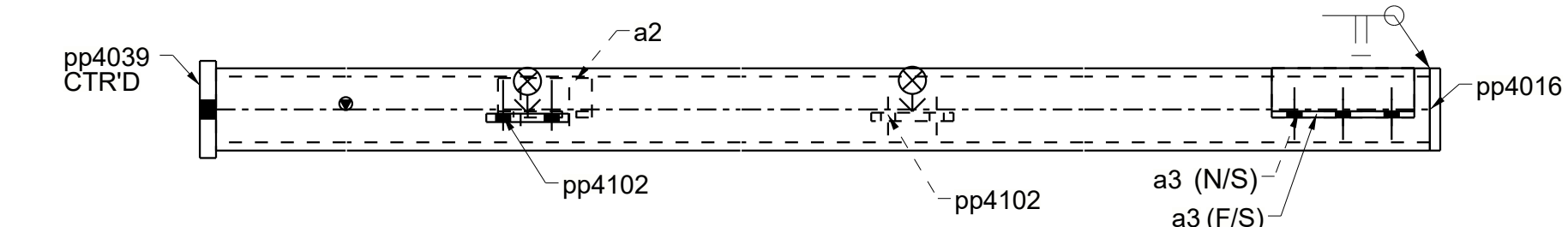
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
C4006	1	COLUMN			
C4006	1	HSS102X102X6.4	4215.00	169	350W GR.C
a2	2	L102X76X9.5	145.00	8	300W
pm4143	1	L102X102X6.4	150.00	3	300W
pp4037	1	PL20X120	280.00	12	300W
pp4104	1	PL20X191	220.00	15	300W
TOTAL WEIGHT THIS DRAWING				207	

ASSEMBLY WEIGHT:	ASSEMBLY AREA:	ASSEMBLY VOLUME:
93lbs	1.97m <sup>2</sup>	0.01m <sup>3</sup>

NOTE #1: ARCHITECT, ENGINEER & G.C. PLEASE NOTE:  
 IF NO COMMENTS APPEAR ON THIS DRAWING WHEN THE DRAWING ISSUED FOR APPROVAL / REVIEW, THEN ECOSSE WELDING WILL ASSUME THAT ITS INTERPRETATION OF ARCHITECTURAL AND STRUCTURAL DRAWINGS IS ACCEPTABLE BY ALL PARTIES, AND FABRICATION WILL PROCEED ACCORDINGLY.  
 REF:  
 MATERIAL: CAN3-G40.20 & G40.21  
 HOLES: 22mm Ø (U.N.O)  
 WELDS: 6mm Fillet (U.N.O)  
 SURF PREP: SSPC-SP2  
 PRIMER NOTE: ONE COAT SHOP PRIMER  
 PAINT NOTE:  
 REMARKS:

PROJECT:				
CUSTOMER:				
DETAIL: COLUMN			SHEET #:	REV:
DRAWN BY: RSK	CHECKED BY: MAK	JOB NUMBER: 7000	DWG NUMBER: C4006	0
DATE:	PLOT DATE:			

GRID LOCATION	BOTTOM ELEVATION
J/18	+100.025



**ONE - COLUMN - C4007**

**BILL OF MATERIAL**

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
C4007	1	COLUMN			
C4007	1	HSS178X127X13	6859.00	792	350W GR.C
a2	1	L102X76X9.5	145.00	4	300W
a3	2	L102X76X9.5	220.00	12	300W
pp4016	1	PL16X127	178.00	6	300W
pp4039	1	PL25X150	380.00	25	300W
pp4102	2	PL13X114	127.00	7	300W
TOTAL WEIGHT THIS DRAWING				846	

NOTE #1: ARCHITECT, ENGINEER & G.C. PLEASE NOTE:  
 IF NO COMMENTS APPEAR ON THIS DRAWING WHEN THE DRAWING ISSUED FOR APPROVAL / REVIEW, THEN ECOSSE WELDING WILL ASSUME THAT ITS INTERPRETATION OF ARCHITECTURAL AND STRUCTURAL DRAWINGS IS ACCEPTABLE BY ALL PARTIES, AND FABRICATION WILL PROCEED ACCORDINGLY.  
 REF:  
 MATERIAL: CAN3-G40.20 & G40.21  
 HOLES: 22mm Ø (U.N.O)  
 WELDS: 6mm Fillet (U.N.O)  
 SURF PREP: SSPC-SP2  
 PRIMER NOTE: ONE COAT SHOP PRIMER  
 PAINT NOTE:  
 REMARKS:

PROJECT:				
CUSTOMER:				
DETAIL: COLUMN			SHEET #:	REV:
DRAWN BY: RSK	CHECKED BY: MAK	JOB NUMBER: 7000	DWG NUMBER: C4007	0
DATE:	PLOT DATE:			

ASSEMBLY WEIGHT:	ASSEMBLY AREA:	ASSEMBLY VOLUME:
383lbs	4.36m <sup>2</sup>	0.05m <sup>3</sup>