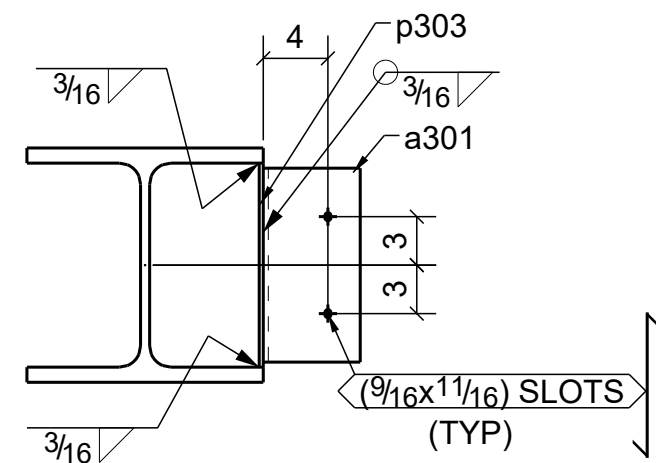
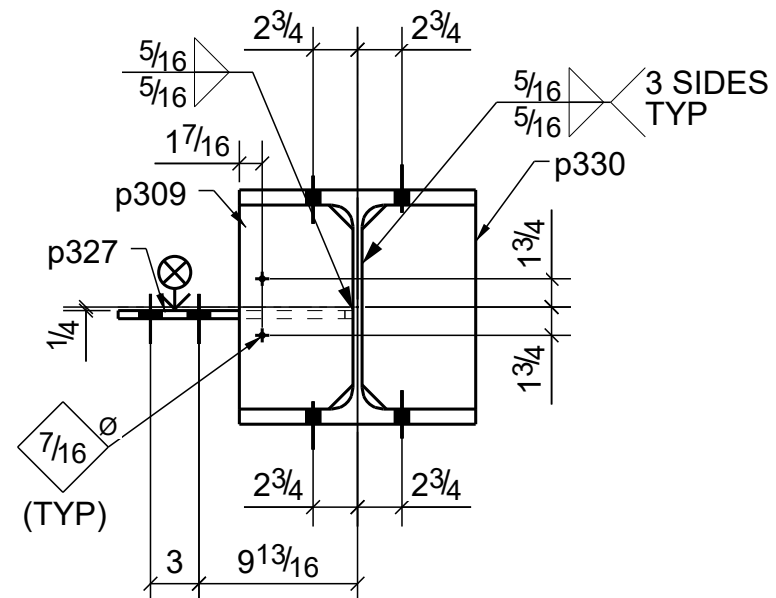
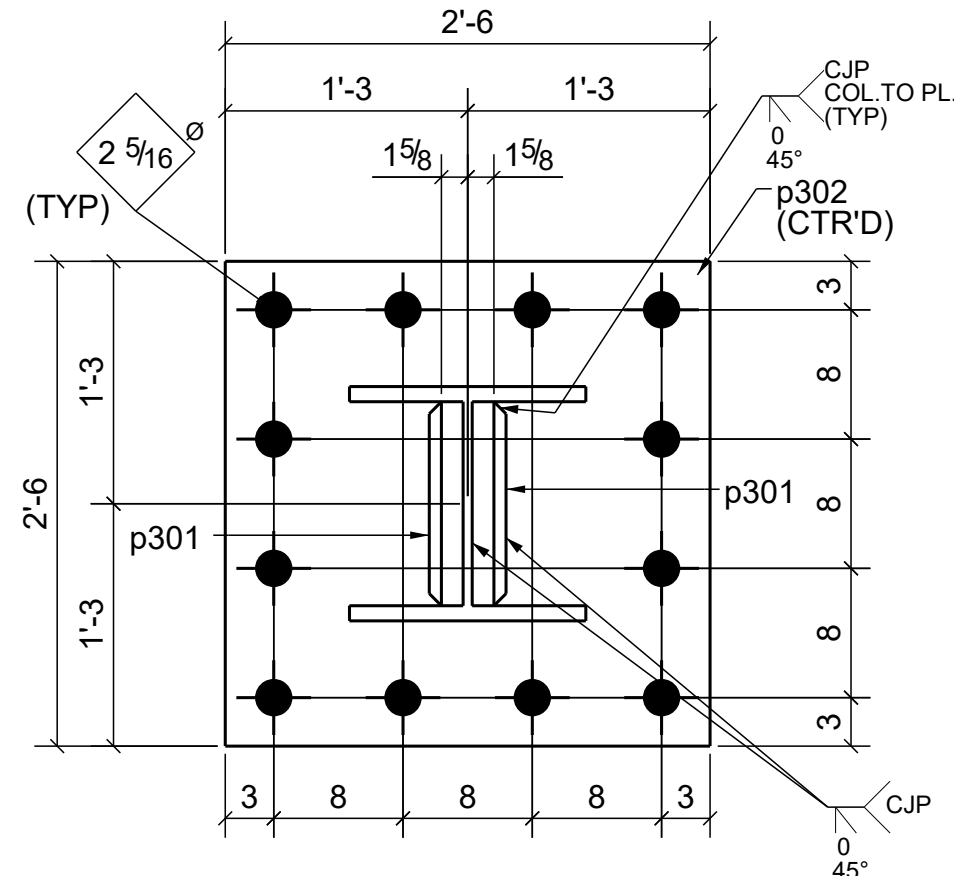




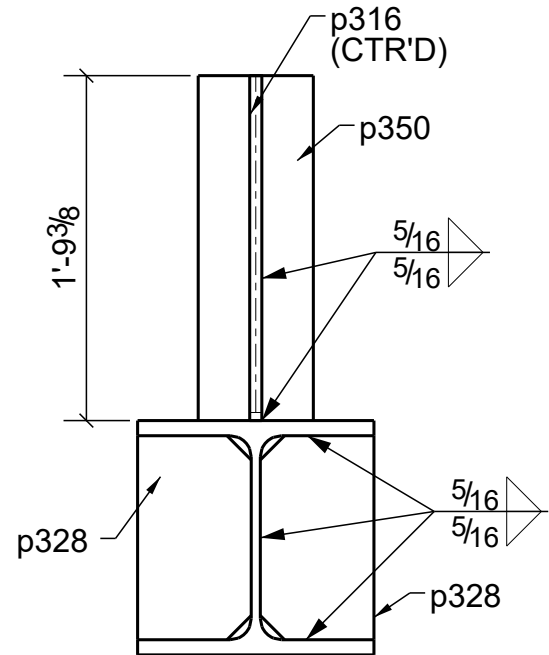
SECTION B - B



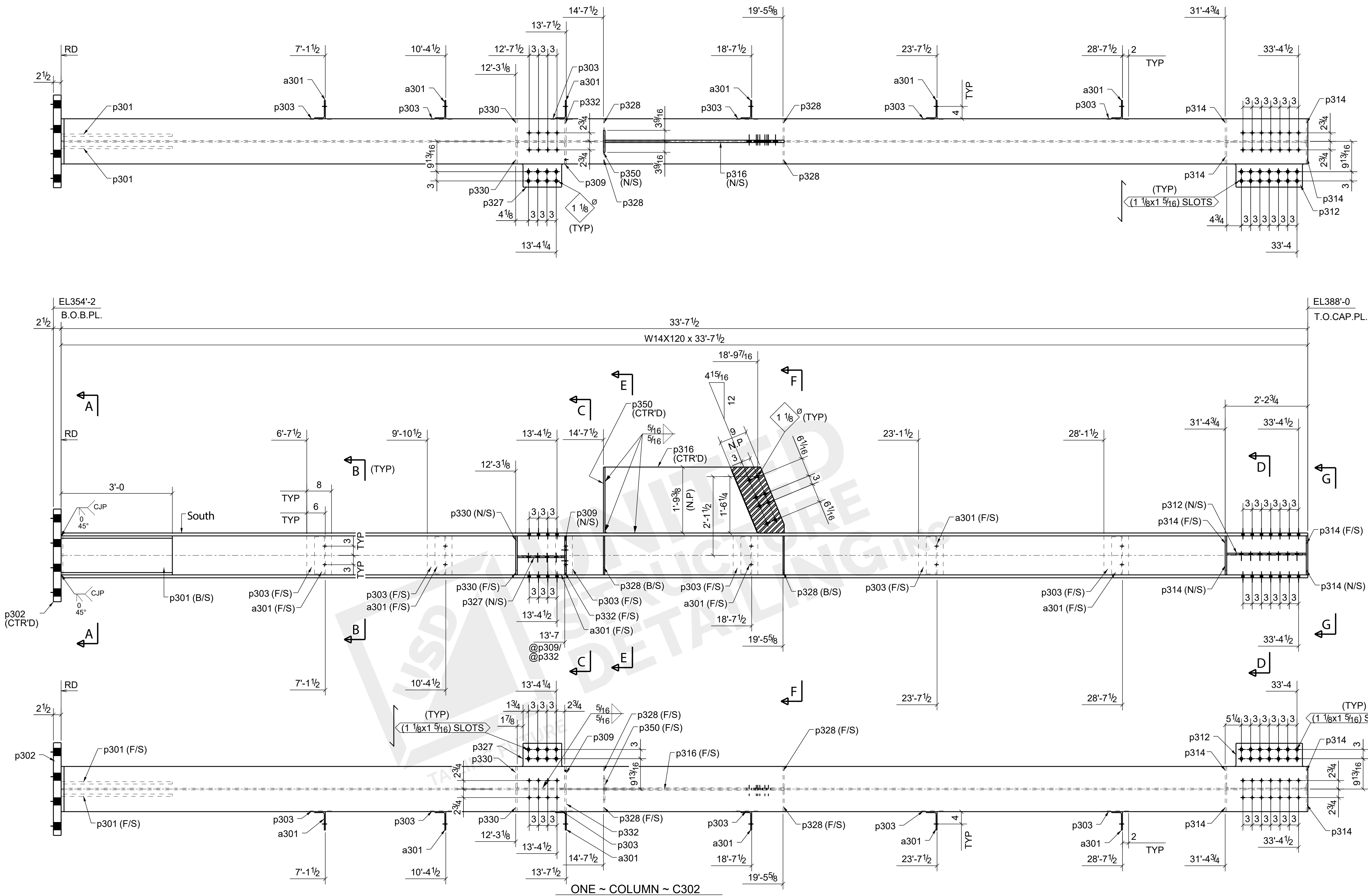
SECTION C - C



SECTION A - A

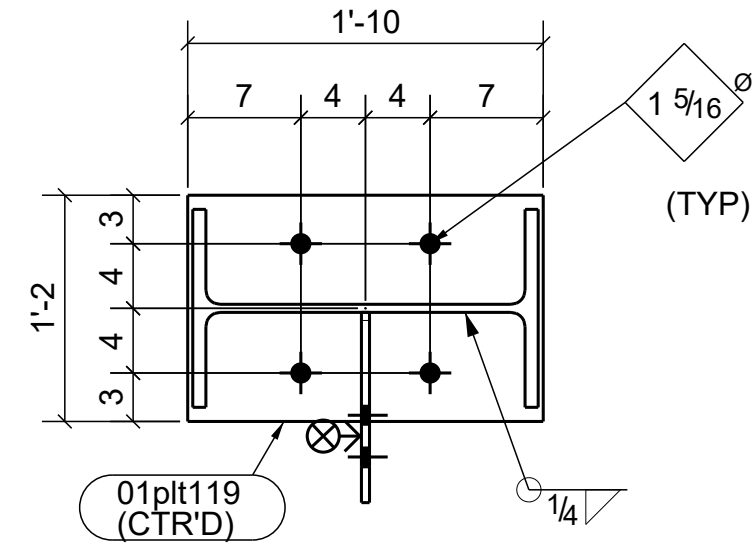
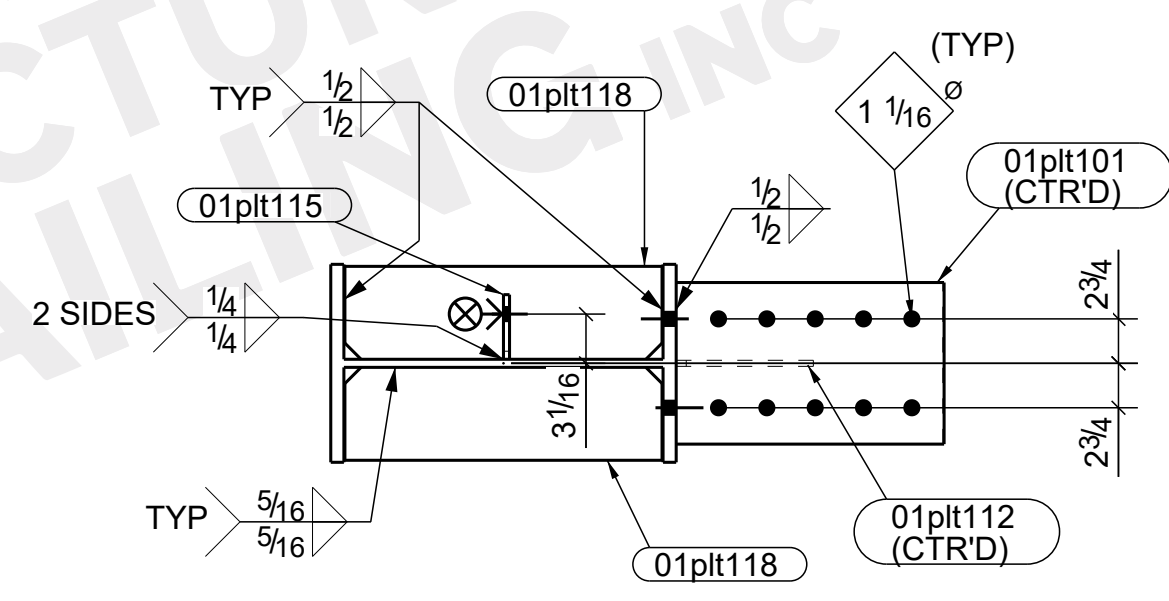
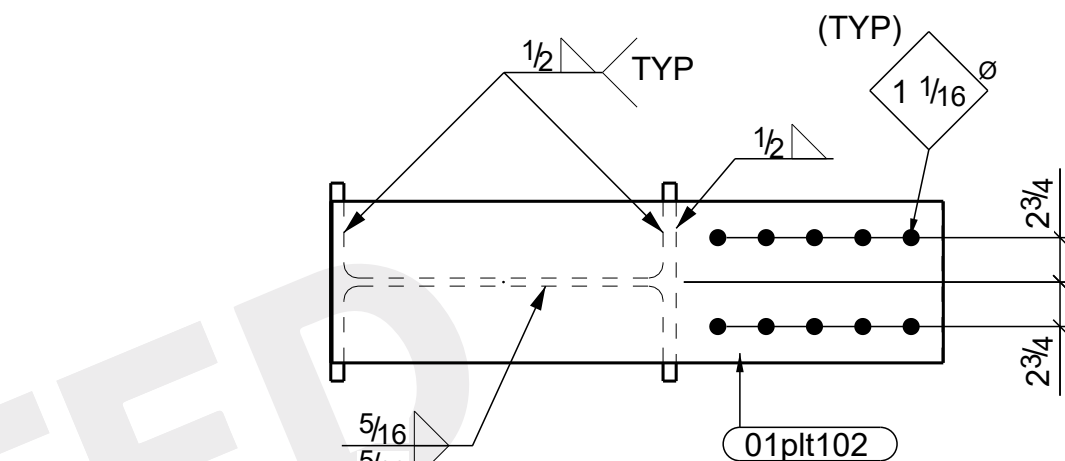
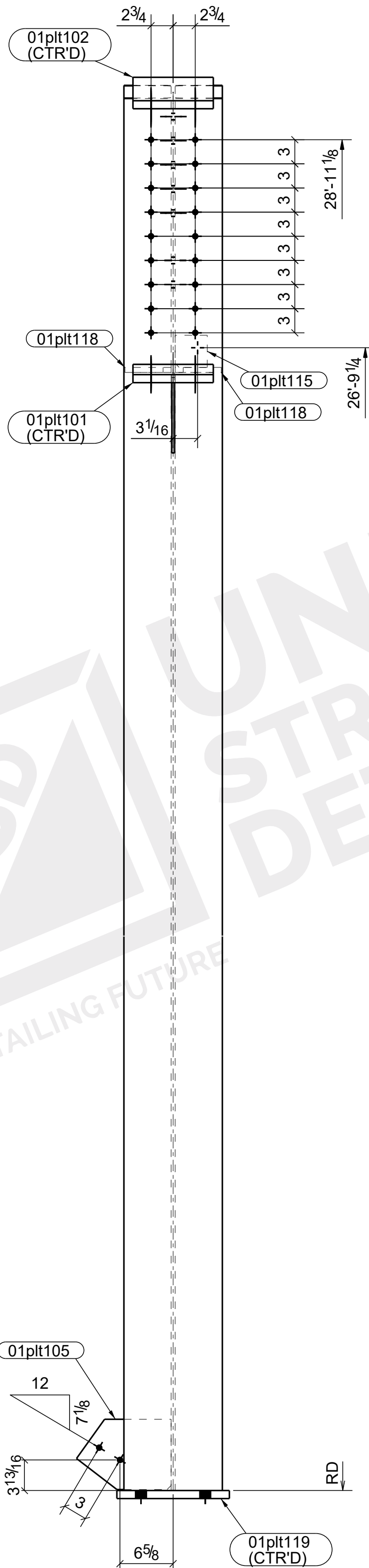
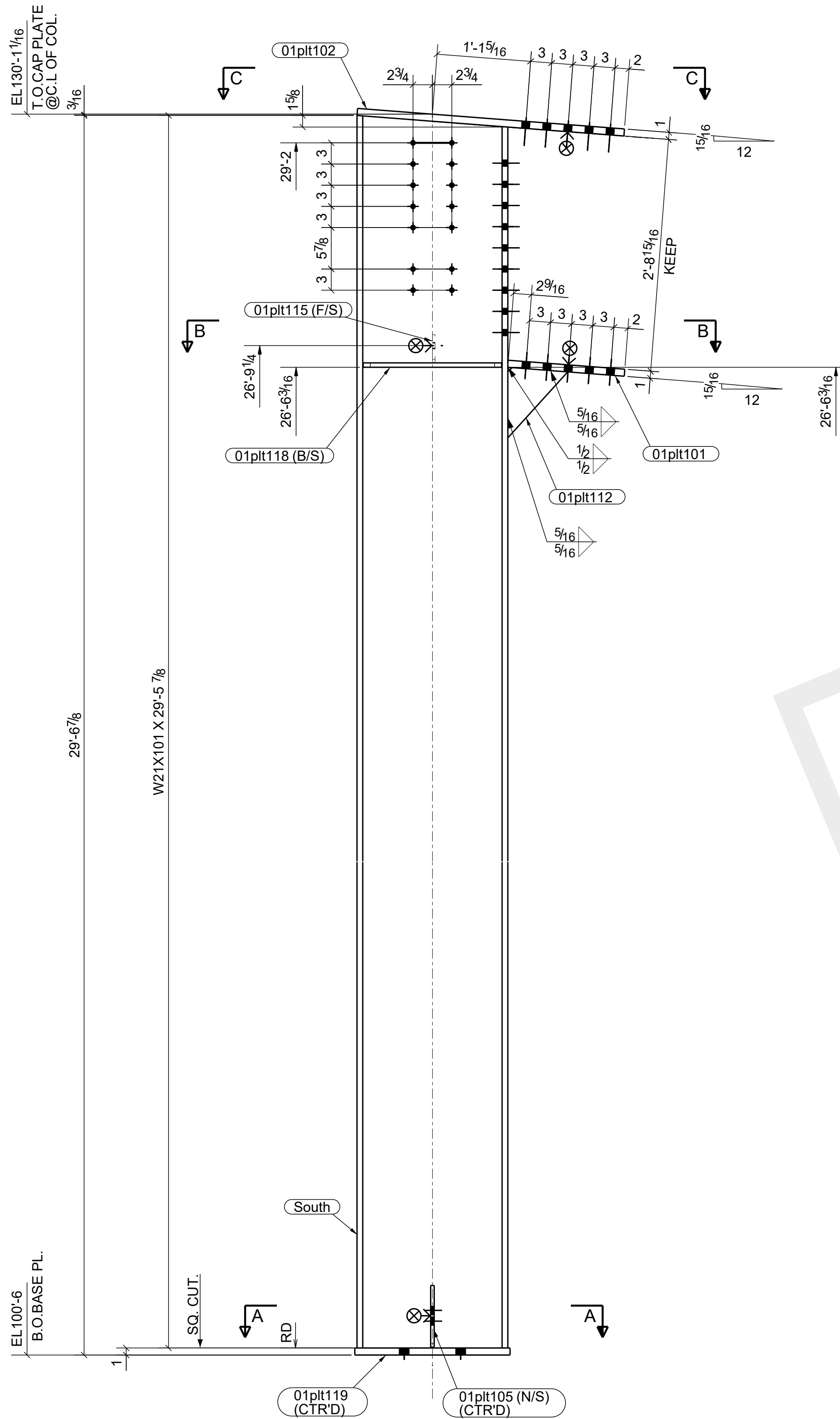


SECTION E - E



N.P=INDICATES NO PAINT

BILL OF MATERIAL							BILL OF MATERIAL							FOR FIELD USE								
ADVANCE MRK	QTY	SHIP MRK	PCS MRK	DESCRIPTION	LENGTH	MATERIAL	REMARKS	ADVANCE MRK	QTY	SHIP MRK	PCS MRK	DESCRIPTION	LENGTH						MATERIAL	REMARKS	08/10/2022	0
	1	C302		COLUMN								FIELD BOLTS				07/27/2022	A	For Approval				
	1		C302	W14X120	33'-7 1/2	A992										DATE	NO.	REVISION/DESCRIPTION				
	6		a301	L6X3-1/2X5/16	1'-0	A36										 UNITED STRUCTURE DETAILING INC. DETAILING FUTURE						
	2		p301	PL3/4X12 5/8	3'-0	A572									1. ALL WIDE FLANGE SHAPES SHALL BE ASTM A992 U.N.O.							
	1		p302	PL2 1/2X30	2'-6	A36									2. ALL PLATES & ANGLES SHALL BE ASTM A36 U.N.O.							
	6		p303	PL1/4X8	1'-0 5/8	A36									3. ALL TUBE STEEL SHALL BE ASTM A500 GR.C U.N.O.							
	1		p309	PL1/2X7 1/16	1'-0 5/8	A36									4. ALL CHANNELS SHALL BE ASTM A36 U.N.O.							
	1		p312	PL1/2X14 9/16	2'-1 3/4	A36										5. ALL STUD WILL BE AUTO WELDED.						
	4		p314	PL1/2X7 1/16	1'-0 5/8	A36										SURFACE PREP: SSPC-SP2		DRY FILM THK. --	BOLT U.N.O. A325N	DRAWN BY:- AMK	DATE:- 07/27/2022	
	1		p316	PL3/4X21 3/8	4'-10	A36										PAINT :RED-OXIDE PRIMER		WELDS U.N.O. E70XX	HOLES U.N.O. 13/16 Ø	CHK'D BY:- GBA	DATE:- 07/27/2022	
	1		p327	PL1/2X14 9/16	1'-3 3/8	A36										PROJECT :- COOPER TIRE SILO ADDITION						
	4		p328	PL3/8X7 1/16	1'-0 5/8	A36										THE COOPER TIER & RUBBER COMPANY TEXARKANA,AR						
	2		p330	PL1/2X7 1/16	1'-0 5/8	A36										DESCRIPTION:- COLUMN				JOB NO:- --		
	1		p332	PL1/2X6 3/4	1'-0 5/8	A36										CUSTOMER:- COOPER TIER & RUBBER CO.				SHEET # C302		0



BILL OF MATERIAL								
Advance Bill Mark	Mark	Quantity	Size	Length	Grade	Weight (lbs.)	Remarks	Finish
	01C103	1	W21X101	29'-5 7/8	A992	2990.8		
	01plt101	1	PL1X10	1'-4 5/8	A36	47.0		
	01plt102	1	PL1X10	3'-1 15/16	A36	107.6		
	01plt105	1	PL 1/2X8 3/4	0'-11 3/4	A36	12.0		
	01plt112	1	PL3/8X6 5/16	1'-0 5/8	A36	4.5		
	01plt115	1	PL3/8X4	0'-4	A36	1.7		
	01plt118	2	PL5/8X5 3/4	1'-7 5/8	A36	39.6		
	01plt119	1	PL1X14	1'-10	A36	87.3		
FIELD BOLTS								
		10	1 Ø A490N_TC Bolt	0'-3 1/4		14.6	FieldBolts	
		10	1 Ø A490N_TC Bolt	0'-3 1/2		15.1	FieldBolts	
Weight Of Single Assembly(lbs) =				3291 (Excluding Bolts)	Total Quantity Weight(lbs) =		3291 (Excluding Bolts)	

One - COLUMN - 01C103

Location: B/2

Assembly Finish:			Standard Shop Notes:		
STD_SHOP			1. All material shall be A992(Wide Flg.), A500B(TS), A53(Pipe), ASTM-A36(All others U.N.O.) 2. Tolerances of members 30" & under = 1/16", 30' & over = 1/8" Unless Noted. 3. All gas re-entrant cuts shall have a minimum radius of 1/2". 4. No Paint at open holes means within 1" of the Hole (min.), but not less the the hole diameter. 5. Fully Pretension all shop installed High Strength Bolts EXCEPT when specified otherwise (e.g. Hand Tight, Wire To Ship, Etc.) 6. Deburring of holes is required if burr exceeds 1/16". 7. Accumulative dimensions are derived from the ϕ RD symbol.		
E-Ref No.- 01E101			Plot Date: 06/17/2022		
Surface Prep:			Date to Approval :	Project :	
SSPC-SP3			06/17/2022	ZAHNER SHOP EXPANSION	
Min DFT:			Date Approved:	Location :	
-- mils			06/17/2022	1400 East 9th Street Kansas City, MO 64106	
Holes:			Date To Shop/Field:	Customer :	
13/16 Ø U.N.O.	A	06/17/2022	06/17/2022	STAND-SEI	
Weld Electrodes:			Release #	Engineer :	Arch :
E70XX	No.	Date		JAM	
REVISIONS			PRINT RECORD	Checked By: AKS	Job No:
				Date: 06/17/2022	22024
				Date: 06/17/2022	Sheet No:
					01C103



Copyright © This drawing, design, and/or detail is the property of UNITED STRUCTURE DETAILING, INC. and shall remain confidential.