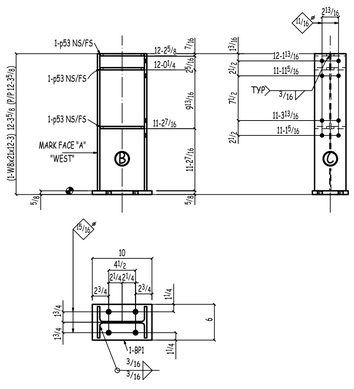
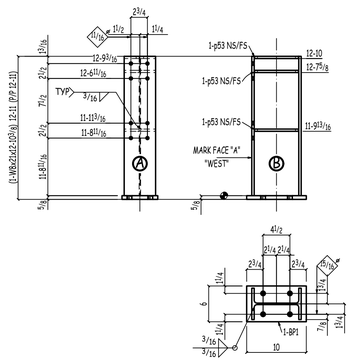
TOTAL SHEET WEIGHT: 2774



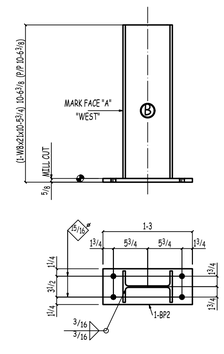
ONE COLUMN 1C1

W 8 1/4x1 1/4 F 5 1/4x3 1/8 K 7/8x5 1/8 — FIELD BOLTS: 4-3/4Diax10 (8" EMBED) EPOXY ANC [total=4]



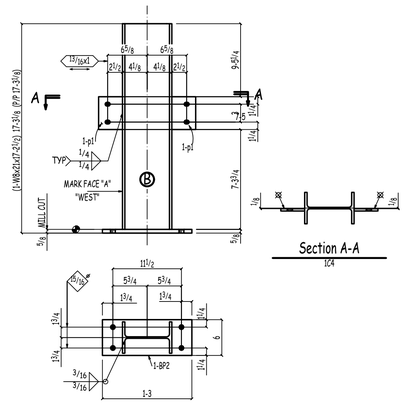
ONE COLUMN 1C2

W 8 1/4x1 1/4 F 5 1/4x3 1/8 K 7/8x5 1/8 — FIELD BOLTS: 4-3/4Diax10 (8" EMBED) EPOXY ANC [total=4]



ONE COLUMN 1C3

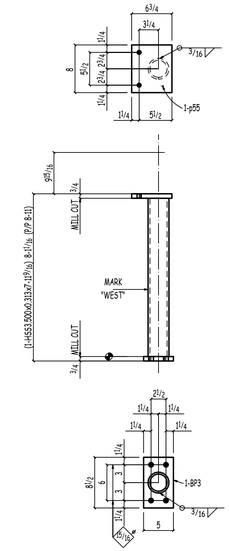
W 8 1/4x1 1/4 F 5 1/4x3 1/8 K 7/8x5 1/8



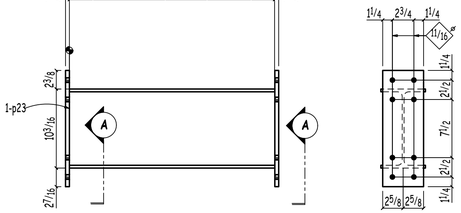
ONE COLUMN 1C4

W 8 1/4x1 1/4 F 5 1/4x3 1/8 K 7/8x5 1/8

Section A-A
1C4



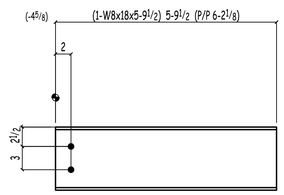
ONE COLUMN 1C5



ONE BEAM 1B1

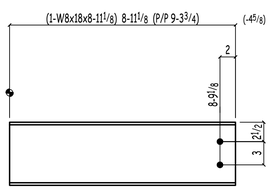
W 10 3/16x1 1/4 F 5 3/4x3 1/8 K 15/16x11/16 — FIELD BOLTS: 16-5/8Diax2 A325N +1HD WASH [total=16]

SECTION A



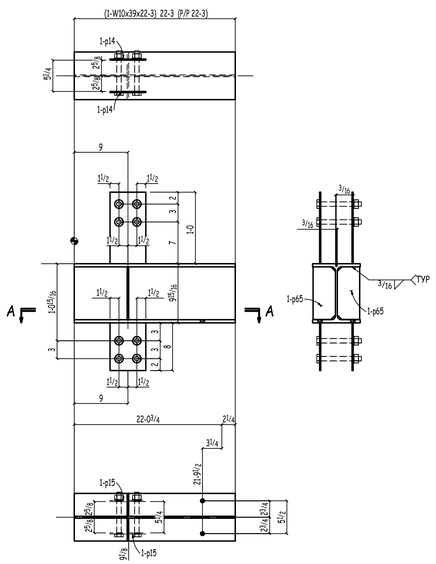
ONE BEAM 1B3

W 8 1/8x1 1/4 F 5 1/4x5/16 K 13/16x5/8 — FIELD BOLTS: 2-3/4Diax1 3/4 A325N +1HD WASH [total=2]



ONE BEAM 1B2

W 8 1/8x1 1/4 F 5 1/4x5/16 K 13/16x5/8 — FIELD BOLTS: 2-3/4Diax1 3/4 A325N +1HD WASH [total=2]



Section A-A
1B4

ONE BEAM 1B4

W 9 15/16x5/16 F 8x1/2 K 13/16x13/16 — FIELD BOLTS: 2-3/4Diax2 1/2 A325N +1HD WASH [total=2]

SHOP BOLTS:
8-3/4Diax7 THRD ROD +1HD WASH [total=8]

BILL OF MATERIAL

SEQ	MARK	QTY	DESCRIPTION	LENGTH		WEIGHT	REMARKS
1	1C1		ONECOLUMN			279	
	1C1	1	W8x21	12	3	257	A992
	BP1	1	PL 5/8x6	0	10	10	A36
	p53	6	FL 3/8x2 1/2	0	7 3/8	2	A36
			FIELD BOLTS				
		4	3/4 Dia EPOXY ANC	0	10		
1	1C2		ONECOLUMN			292	
	1C2	1	W8x21	12	10 3/8	270	A992
	BP1	1	PL 5/8x6	0	10	10	A36
	p53	6	FL 3/8x2 1/2	0	7 3/8	2	A36
			FIELD BOLTS				
		4	3/4 Dia EPOXY ANC	0	10		
1	1C3		ONECOLUMN			236	
	1C3	1	W8x21	10	5 3/4	220	M1E A992
	BP2	1	PL 5/8x6	1	3	15	A36
1	1C4		ONECOLUMN			381	
	1C4	1	W8x21	17	2 1/2	361	M1E A992
	BP2	1	PL 5/8x6	1	3	15	A36
	p1	2	FL 3/8x4	0	5 1/2	2	A36
1	1C5		ONECOLUMN			105	
	1C5	1	HSS3.500x0.313	7	11 9/16	85	M2E A500B
	p55	1	FL 3/4x8	0	6 3/4	11	A36
	BP3	1	FL 3/4x5	0	8 1/2	8	A36
1	1B1		ONEBEAM			323	
	1B1	1	W10x22	13	8 1/2	302	A992
	p23	2	PL 1/2x5 1/4	1	3	11	A36
			FIELD BOLTS				
		16	5/8 Dia A325N	0	2		+1HD WASH
1	1B2		ONEBEAM			161	
	1B2	1	W8x18	8	11 1/8	161	A992
			FIELD BOLTS				
		2	3/4 Dia A325N	0	1 3/4		+1HD WASH
1	1B3		ONEBEAM			104	
	1B3	1	W8x18	5	9 1/2	104	A992
			FIELD BOLTS				
		2	3/4 Dia A325N	0	1 3/4		+1HD WASH
1	1B4		ONEBEAM			895	
	1B4	1	W10x39	22	3	868	A992
	p14	2	PL1-0x3/16	0	6	4	A36
	p15	2	PL8x3/16	0	6	2	A36
	p65	2	PL 1/4x3 3/4	0	8 13/16	2	A36
		8	3/4 Dia THRD ROD	0	7	1	+1HD WASH
			FIELD BOLTS				
		2	3/4 Dia A325N	0	2 1/2		+1HD WASH

AISC CERTIFIED FABRICATOR

NOTE:
These drawings are the property of Endres Mfg. Co. and are for the sole purpose of fabrication and installation of the products shown thereon no changes modifications or corrective measures to fabricated materials of any changes for such measures will be allowed without prior notification to and agreement with Endres Mfg. Co.

ERECTOR NOTE:
UNLESS OTHERWISE NOTED , ALL CONNECTIONS TO BE MADE WITH A325 HIGH STRENGTH BOLTS WITH ONE HARDENED WASHER UNDER THE TURNED ELEMENT NUT OR BOLT HEAD.

SHOP NOTE:
PAINT PIECE MARK ON DEFINED AS DETAILED. ALL RE-ENTRANT CORNERS SHALL BE SHARP-NOTCH FREE TO A RADIUS OF AT LEAST 1/2 INCH

REV	DATE	DESCRIPTION	DETAILER

FIELD								
SHOP								
APPROVAL	E	06-19-19						
PRINTS	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE

WIDE FLANGE (U.N.) A-992 GR-50
PARTS MATERIAL (U.N.) A-36
TUBE MATERIAL (U.N.) A-500 GR-B
SURFACE PREPARATION SSPC-SP 2,3
SHOP PAINT SHERWIN WILLIAMS STEEL-SPEC
FIELD CONNECTIONS AS NOTED
HOLES (U.N.) 13/16 ø
USE NO. 70XX WELD ROD
ALL COMPLETE JOINT PENETRATION BUTT WELDS LOW HYDROGEN 7018

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Waunakee, Wisconsin 53597
Hwy. Q at Village Limits
Phone (608) 849 - 4143
Fax (608) 849 - 7903

JOB: OPENING DESIGN
LOCATION: STOUGHTON, WI
CUSTOMER: AALSETH
DETAILER: LK | CHECKED: MS | DATE: 06-18-19 | JOB NO.: 8926 | DRWG. NO.: 1

APPROVER NOTE:

The details of structural steel shown on this sheet are developed from the engineering, architectural or owners design drawings and/or specifications provided to Endres Mfg. Co. It is the professional responsibility of the approving engineer, architect or owner to verify that the sections as detailed are properly identified and that all connections developed on these detail drawings comply with the intent of the engineers, architects or owners design.