
	06-26-19	REV. PER APPROVALS
	06-24-19	REV. PER APPROVALS
REV	DATE	DESCRIPTION

Endres MFG. CO.
 802 Century Ave., P.O. Box 217
 Waunakee, Wisconsin 53597
 Hwy. Q at Village Limits
 Phone (608) 849 - 4143
 Fax (608) 849 - 7903

OPENING DESIGN

Developed from the engineering, architectural or owners design drawings and/or specifications provided to Endres Mfg. Co. It is the professional's responsibility to verify that the sections as detailed are properly identified and that all connections developed on these detail drawings comply with the

NOTE:
These drawings are the property of Endres Mfg. Co. and are for the sole purpose of fabrication and installation of the products shown therein 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
LEFT END AS DETAILED
ALL RE-ENTRANT CORNERS SHALL
BE SHAPED NOTCH FREE TO A
RADIUS OF AT LEAST 1/2 INCH

WIDE FLANGE (U.N.)
A 002 CD 50

A-992 GR-50

PARTS MATERIAL (O.N.)
A-36

TUBE MATERIAL (U.N.)

A-500 GR-B

SURFACE PREPARATION

SSPC-SP 2,3

SHOP PAINT SHERWIN WILLIAMS

STEEL-SPEC

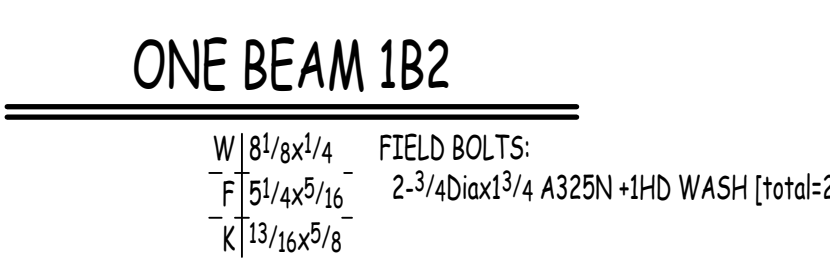
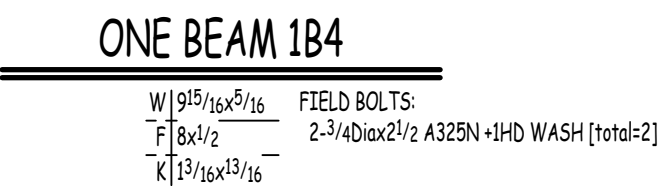
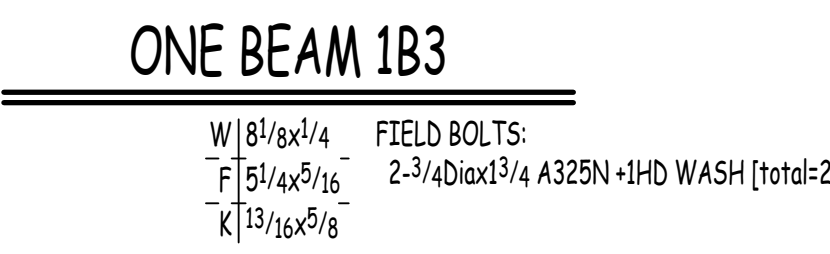
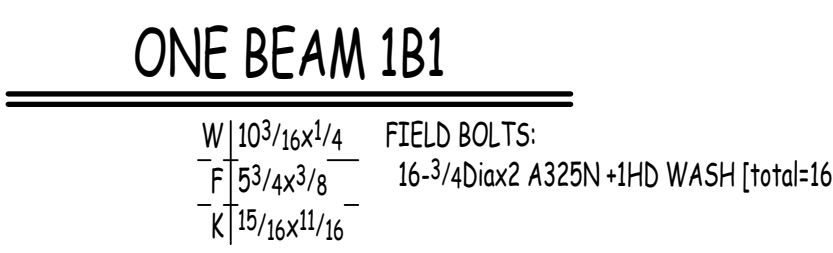
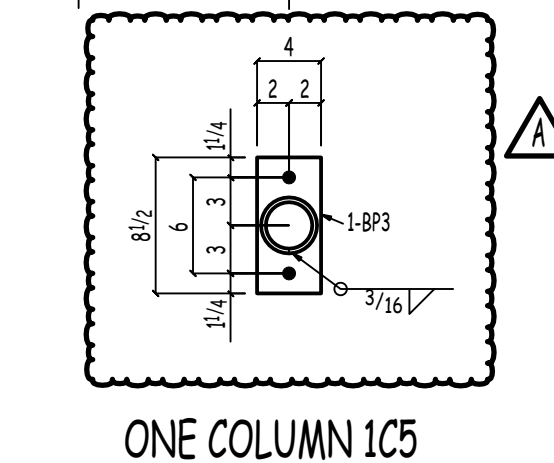
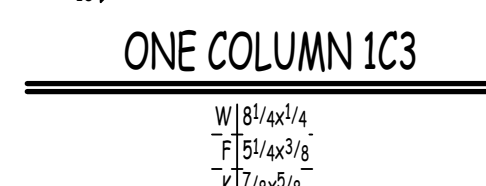
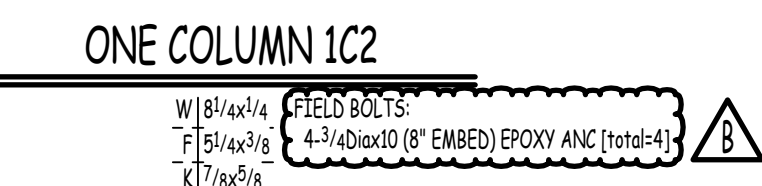
FIELD CONNECTIONS	HOL
AS NOTED	13

AS NOTED	10
USE NO. 70XX WELD ROD	

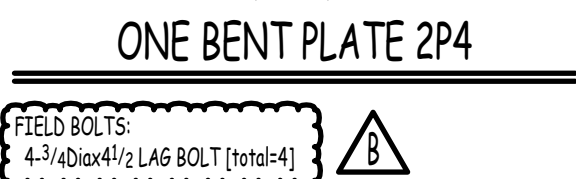
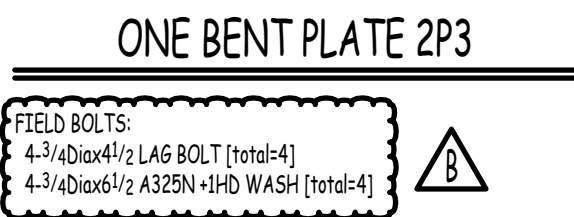
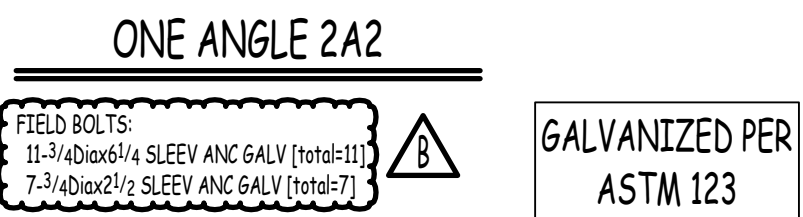
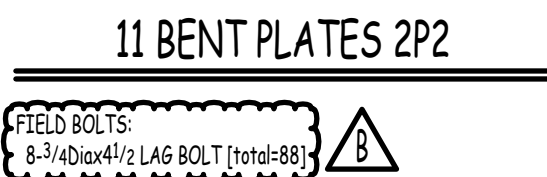
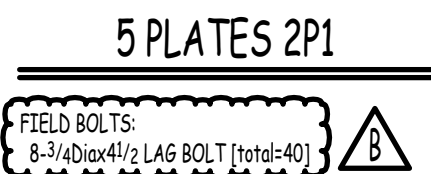
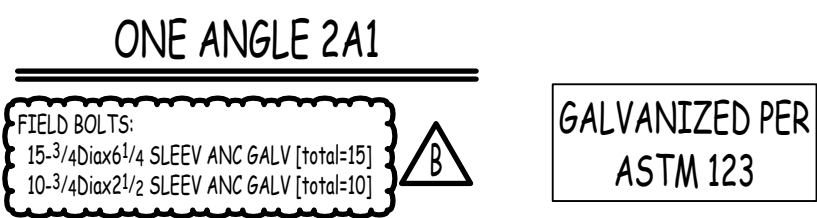
ALL COMPLETE JOINT PENETRATION
BUTT WELDS LOW HYDROGEN TYPE


APPROVER NOTE:

The details of structural steel shown on the drawings are the responsibility of the approving engineer.



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

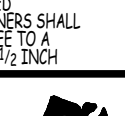


	A	06-26-19	REV. PER APPROVALS		LK
	A	06-24-19	REV. PER APPROVALS		LK
	REV	DATE	DESCRIPTION		DETAILER
	SHOP				
APPROVAL	E	06-19-19	E	06-24-19	E
PRINTS	NO.	DATE	NO.	DATE	NO.

NOTE:
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UNLESS OTHERWISE NOTED - ALL CONNECTIONS TO BE MADE WITH 1/2" DIAM. THROUGH BOLT WITH ONE HARDENED WASHER UNDER THE LOWER ELEMENT NUT OR BOLT HEAD

SHOP NOTE:
PAINT FREE MARK ON LEFT END AS NOTED. ALL AS-BUILT QUANTITIES SHALL BE AS SHOWN. TO SADDLE OR AT LEAST 1/2" INCH

WIDE FLANGE (I/N)	A-992 GR-50		Job LOCATION CUSTOMER DETAILER	CHECKED DATE JOB NO.	DRAWG. NO. <div style="font-size: 2em; font-weight: bold; margin-top: 20px;">2</div>
PARTS MATERIAL (I/N)	A-36				
TUBE MATERIAL (I/N)	A-500 GR-B				
SURFACE PREPARATION	SSPC-SP 2.3				
SHOP PAINT	SHERWIN WILLIAMS STEEL-SPCC				
FIELD CONNECTIONS	HOLDS (I/N)				
AS NOTED	13/16 ø				
<p>USE NO. 70XX WELD ROD ALL COMPLETE JOINT PENETRATION BUTT WELDS LOW HYDROGEN 7058</p>					

