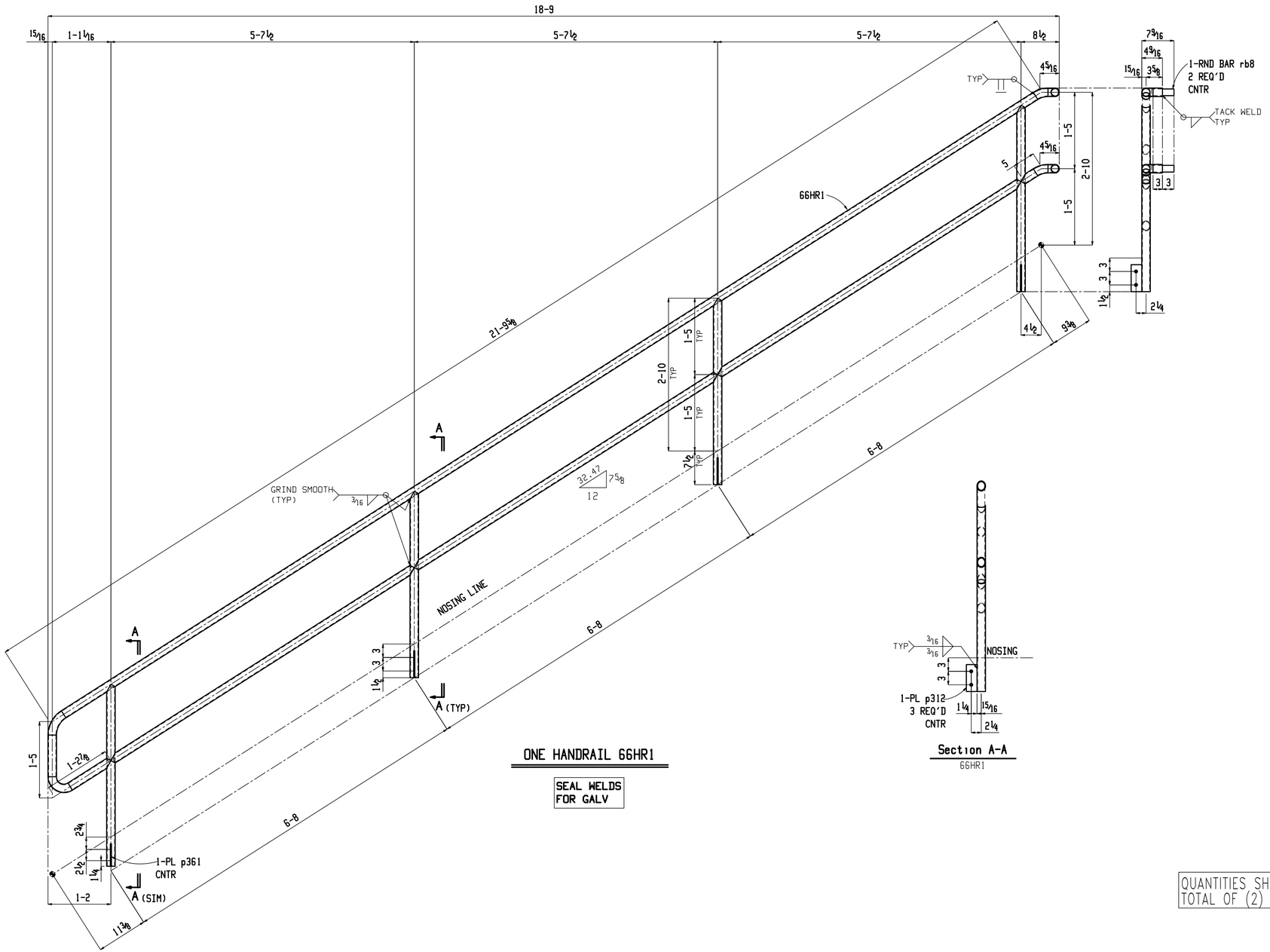

ONE HANDRAIL 66HR1

SEAL WELDS
FOR GALV

Section A-A
66HR1

BILL OF MATERIAL

PC MARK	MINOR MARK	QTY TOTAL	DESCRIPTION	LENGTH		STEEL GRADE	REMARKS	WEIGHT UNIT	WEIGHT TOTAL
66HR1		ONE	HANDRAIL				GALV	180	180
	66HR1	1	PIPE 1½ STD	63	0	A53		171	171
	p312	3	PL¼x2⅜	0	6	A36		1	3
	p361	1	PL¼x2⅜	0	5	A36		1	1
	rb8	2	RB1½	0	5	A36		3	5
			FIELD BOLTS						
		8	¾ Dia A307G	0	1¾				

VENT HOLE AS REQUIRED

ALL MEMBER IN THIS SHEET ARE HOT DIPPED GALVANIZED

ALL VERIFIES WILL BE ASSUMED CORRECT AS SHOWN UNLESS NOTED OTHERWISE BY APPROVER

ERECTOR NOTE!

USE 1-HIGH STRENGTH WASHER OVER ALL SLOTS IN CONNECTION ANGLES FOR ALL BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS.

NO BACK CHARGES WILL BE ACCEPTED UNLESS AUTHORIZED BY MID AMERICA STEEL, INC. DOCUMENTATION ON BACK CHARGES MUST INCLUDE MARK NUMBER OF INCORRECT PIECE AND A COMPLETE DESCRIPTION OF REWORK REQUIRED.

SHOP NOTES:

1. Paint erection mark on left end of member as detailed. For Beams - left end - top flange & near side of web.
2. All W-shapes-A992,WT-992,plate,angle & channel-A36 (U.N.O)
3. Cope depths are listed first. Cope lengths are to ends of beams.
4. 1½ edge & end distance unless noted.
5. See Mid America Steel, Inc std. beam connection sheet for clip angle details.
6. Both Sides of material adjacent to open holes must be free of loose scale and burrs.
7. All welding to be done by A.W.S. certified welders.
8. Use E 70XX welding electrodes
9. Omit Paint Within 3" of all open holes. [ ] Yes [X] No
10. Welds shown are for strength - seal weld all joints when galvanizing is req'd.
11. Omit paint from all Nelson studs and surfaces notes "*"
12. * No paint within 3" of the field welds. Coat plate with carboline carbozinc 11 (green), 5 mils DFT.
13. ** Hold galvanizing back 3" from field welds.

REV.	DATE	DESCRIPTION	BY CHK.
1	07-18-16	ISSUED FOR FABRICATION	TL VP
0	06-01-16	FOR APPROVAL	TL VP

REVISIONS

QUANTITIES SHOWN FOR (1) C-FRAME HRSG
TOTAL OF (2) C-FRAME HRSG'S REQUIRED

WELD SYMBOLS ARE PER AWS A2.4 LATEST EDITION

NOOTER/ERIKSEN INC.
SUPPLIER SUBMITTAL REVIEW

REVIEW OF VENDOR DRAWINGS DOES NOT RELIEVE THE VENDOR OF RESPONSIBILITIES FOR ACCURACY OF DIMENSIONS AND COMPLIANCE TO CODES, NOOTER ERIKSEN SPECIFICATIONS AND P.O. REQUIREMENTS

A	REVIEWED AND ACCEPTED
B	REVIEWED WITH COMMENTS (WORK MAY PROCEED)
C	REVISE AND RESUBMIT (WORK MAY NOT PROCEED)
D	REVIEWED FOR INFORMATION ONLY

RELEASE DATE: REVIEWERS INITIALS

PROJECT: ST. JOSEPH ENERGY CENTER	JOB NO CODE SHT	REV	FE
NE DRAWING NO.	151240-PF-066	A	

HOLES: 13/16 U.N.O

PAINT: PER SPEC'S

PRE			
CHK. PRINT			
APP. PRINT			
APP. SEPIA			
RECORDS			
FAB.			
DUP.			
WEIGHT			

DATE: 06-01-16
DRAWN BY: TL
CHECKED BY: VP
REVISED: --
REF: --

JOB and LOCATION: ST. JOSEPH ENERGY CENTER NEW CARLISLE, INDIANA

ITEM: HANDRAIL

CUSTOMER: NOOTER/ERIKSEN INC.

ARCH. ENG. NOOTER/ERIKSEN INC.

ORDER NO.	SHEET NO.	REV.
S11579	066	1