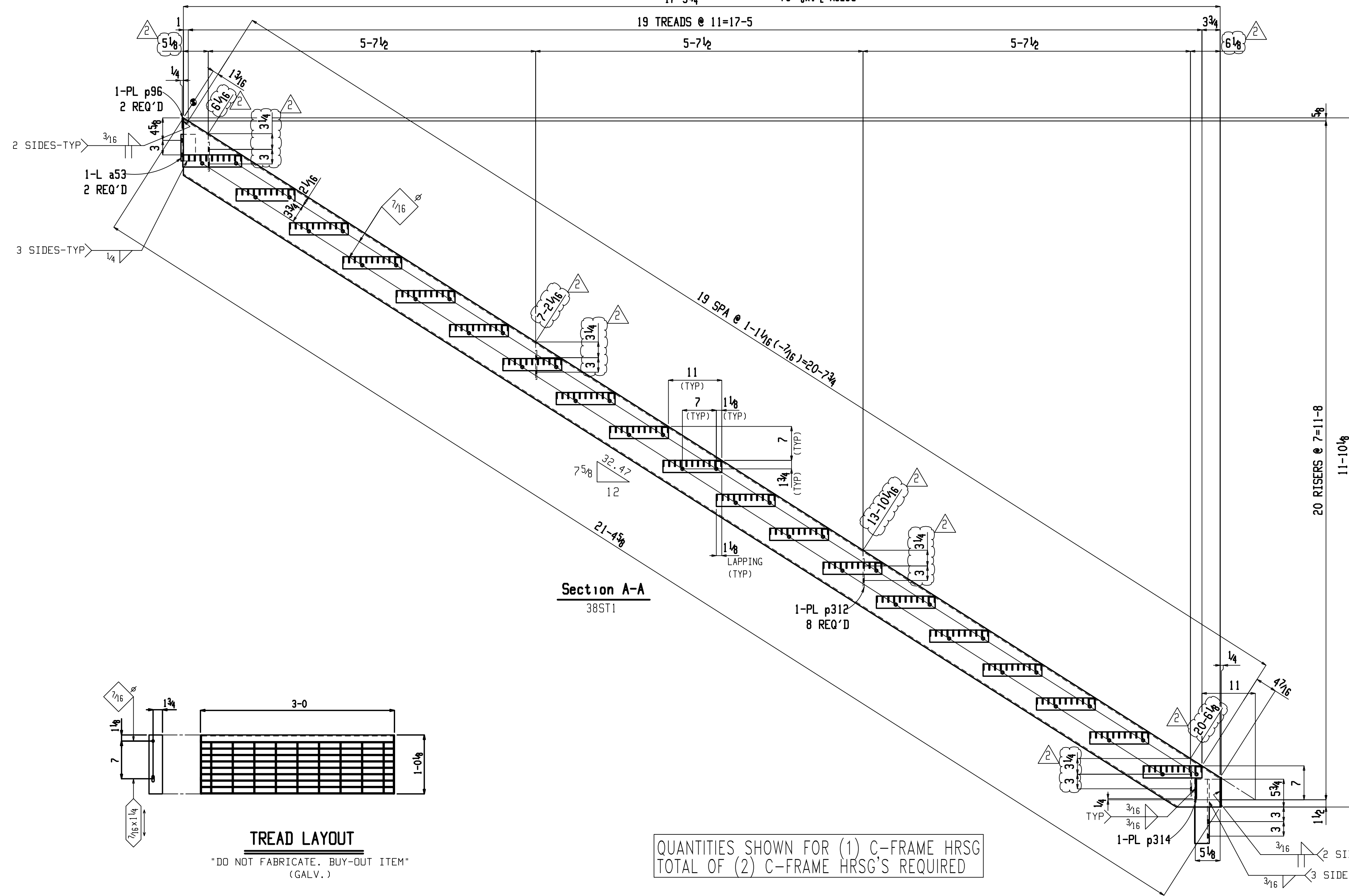
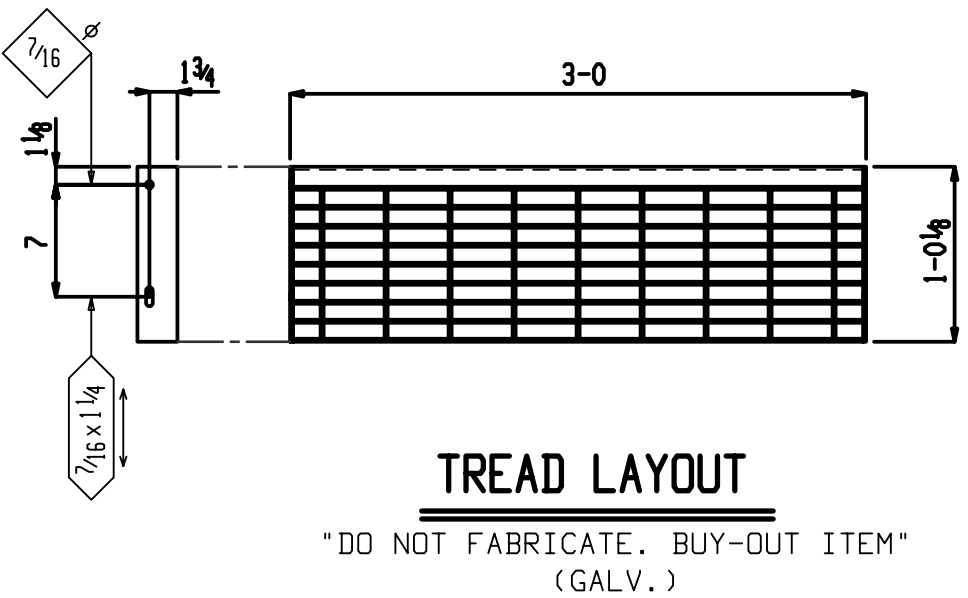


**3 STAIRS 38ST1**  
 17-9 3/4 SHOP BOLTS  
 76-3/8x1 1/2 A325G



**Section A-A**  
 38ST1



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

**BILL OF MATERIAL**

PC MARK	MINOR MARK	QTY TOTAL	DESCRIPTION	LENGTH	STEEL GRADE	REMARKS	WEIGHT UNIT	WEIGHT TOTAL
38ST1		3	STAIR				702	2107
	c81	3	C10x15.3	21 4/8	A36		327	982
	c82	3	C10x15.3	21 4/8	A36		331	993
	a27	3	L3x3x3/8	1 1/4	A36		8	24
	a28	3	L3x3x3/8	1 1/4	A36		8	24
	a53	6	L3x3x3/8	0 5/2	A36		3	20
	p314	3	PL 1/4x4	3 0	A36		10	31
	p53	6	PL 1/4x2 1/2	0 6 1/2	A36		1	7
	p312	24	PL 1/4x2 1/2	0 6	A36		1	24
	p96	6	PL 1/4x2 1/2	0 2 1/2	A36		0	2
		57	GRATING TREAD	3 0		(BUY-OUT) GALV.		
		228	3/8 Dia A325G	0 1 1/2		+1HD WASH		
			FIELD BOLTS					
		24	3/4 Dia A325G	0 2		+1HD WASH		

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.A. 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-038 A

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

REV.	DATE	DESCRIPTION	BY	CHK
3	07-26-16	REVISED AS NOTED	TL	VP
2	07-19-16	DIMENSIONS ADDED	TL	VP
1	07-13-16	ISSUED FOR FABRICATION	TL	VP
0	06-01-16	FOR APPROVAL	TL	VP

HOLES: 1 3/16 U.N.O PAINT: PER SPEC'S

PRE	DATE: 06-01-16
CHK. PRINT	DRAWN BY: TL
APP. PRINT	CHECKED BY: VP
APP. SEPIA RECORDS	REVISED: --
FAB.	REF: --
DUP.	
WEIGHT	

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

ITEM:  
**STAIR**

CUSTOMER:  
**NOOTER/ERIKSEN INC.**

ARCH. ENG.  
**NOOTER/ERIKSEN INC.**

ORDER NO. S11579 SHEET NO. 038 REV. 3

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 REMARK REQUIRED.