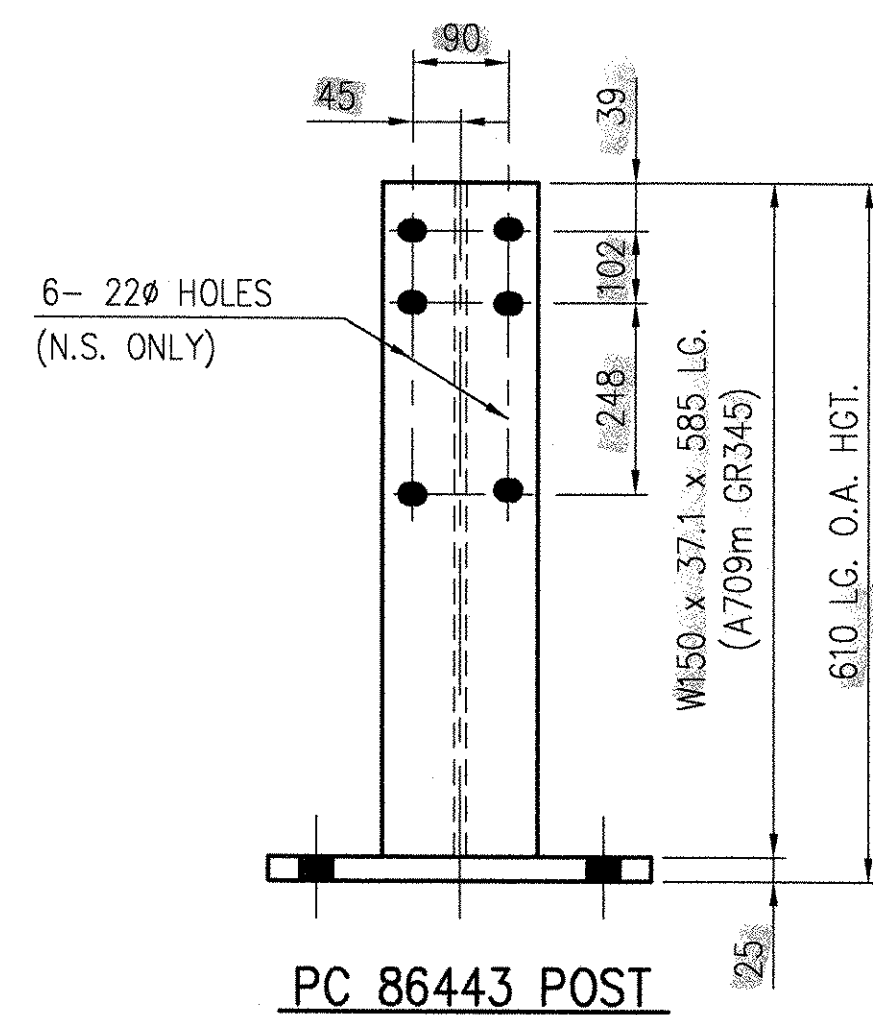
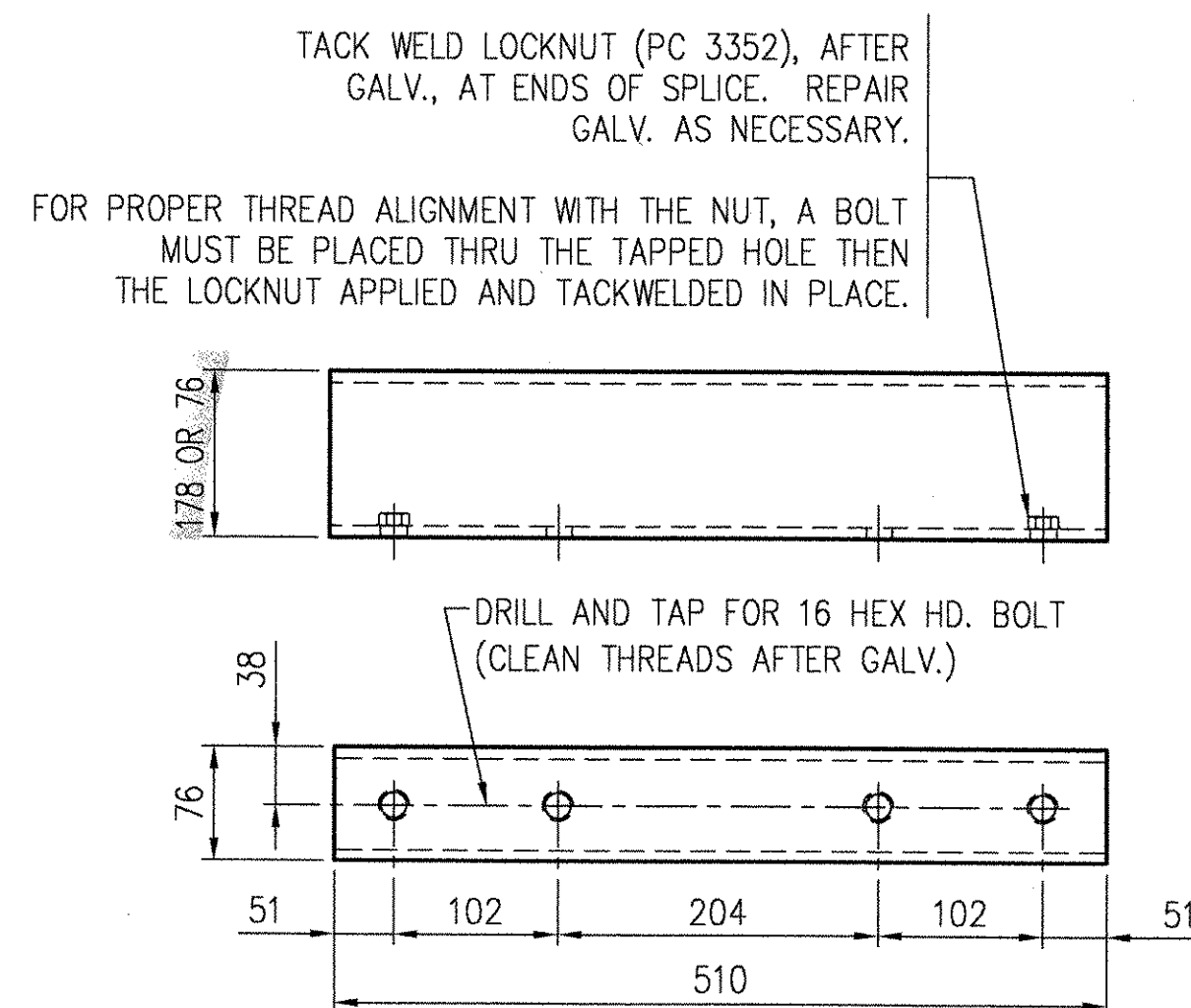


**PC 86444 ANCHOR PLATE**  
PL 240 x 10 x 330 LG.  
(A 709M GR. 250)

**PC 3619 BEARING PAD**  
3 THICK ELASTOMERIC PAD  
(AASHTO M251)  
(50 DUROMETER NEOPRENE)



**PC 86443 POST**



**PC 35107 SPLICE TS 178 X 76 X 9.5 LG. (A500m GR B)**  
**PC 35103 SPLICE TS 76 X 76 X 7.9 LG. (A500m GR B)**

BILL OF MATERIAL					
PRODUCT CODE	QTY.	DESCRIPTION	WT. EA.	REMARKS	
86443A	75	POST	42 kg.		
* 86444G	75	ANCHOR PLATE	5.5 kg.		
3619B	75	BEARING PAD	.5 kg.	NOT GALVANIZED	
35107A	16	SPLICE (TS 178 x 76 x 9.5 x 509)	17.5 kg.		
35103A	16	SPLICE (TS 76 x 76 x 7.9 x 509)	8.6 kg.		
FIELD HARDWARE					
35209G	16	3/4" SCH. 40 PIPE x 1/2" LG. 19 SCH. 40 PIPE x 12 LG.	0.1 #	A53	A123 NOT DETAILED
3390H	128	5/8" $\phi$ x 1 3/4 LG. HEX HD. BOLT 16 x 45 LG. HEX HD. BOLT			A307 GR A A153
3300H	128	5/8" WASHER, 1 3/4" O.D. 16 WASHER, 45 O.D.		F844	A153
3637H	300	3/4" $\phi$ x 6" LG. RD. WR. HD. BOLT 19 $\phi$ x 150 RD. WR. HD. BOLT			A325 A153
3702H	300	3/4" WASHER, 2" O.D. (HARDENED) 19 WASHER, 51 O.D. (HARDENED)		TYPE A	F436 A153
3704H	300	3/4" HEX NUT 19 HEX NUT		A563 DH	A153
ANCHORAGE HARDWARE					
* 4914H	300	1" $\phi$ x 1'-0" LG. ANCHOR STUD 24 $\phi$ x 300 LG. ANCHOR STUD	FULLY THRD.	A449	A153
* 3908H	300	1" HEX NUT 24 HEX NUT		A563 DH	A153
* 3910H	600	1" HEX NUT 24 HEX NUT		A563	A153
* 4902H	300	1" PLAIN WASHER 24 PLAIN WASHER		F436	A153
PAY QUANTITY					
166.966 m		ITEM NO. 525.33 ~ T2 STEEL BRIDGE RAIL (NETC)			

(\* ) ANCHORAGE TO BE SHIPPED PRIOR TO REMAINDER OF MATERIAL.

**NOTES:**

Tubing and posts shall meet the requirements of Section 732 - Railing materials of the Standard Specifications for Construction. All exposed cut or sheared edges shall be rounded to a 1.6mm radius and be free of burrs. GALVANIZED SURFACES SHALL HAVE A UNIFORM APPEARANCE AND GALVANIZED MATERIAL SHALL BE PROPERLY STORED WITH WOOD BLOCKING BETWEEN PIECES. Rail bars.....ASTM A500, Grade B or ASTM A501 Rail posts.....ASTM A709/A709M, Grade 345 CVN All other shapes & plates.....AS NOTED ON DETAILS (NO CVN REQD) BEARING PAD SHALL COMPLY WITH 731.01 OR 731.02. SHOP INSPECTION IS REQUIRED SHOP TO CALL VERMONT AGENCY OF TRANSPORTATION TO SCHEDULE SHOP INSPECTION CONTACT: CHRISTOPHER WILLIAMS PHONE: (802) 828- 2621

**RECEIVED**  
OK'D BY *RST* OK'D BY *WAS*  
JUL 23 2002  
RESUBMIT BY *CPW* APPROVED DATE *date*

**METRIC MEASUREMENTS NOTE:**  
ALL HARDWARE, STEEL PLATES, SECTIONS, TUBE SHAPES, AND REQUIRED HOLES FOR THE HARDWARE USED IN FABRICATION OF THE BRIDGE RAILS WILL BE CONVERTED WITH "HARD CONVERSION" TO NEAREST AVAILABLE ENGLISH MEASUREMENTS. ALL DIM. ARE IN MILLIMETERS UNLESS NOTED.

SHOP DRAWING USING  
**METRIC**  
DIMENSIONS

**APPROVAL DRAWING**  
FOR ERECTION LAYOUT SEE SHEET E1 OF 2 (22) 1004148  
**ISSUED**  
JUN 25 2002  
TRINITY INDUSTRIES, INC.  
1170 N. STATE STREET  
GIRARD OHIO 44420

REV.	CHK'D	BY	DATE	REMARKS
PAY ITEM NUMBER 525.33 ~ T2 STEEL BRIDGE RAIL (NETC)				
STATE OF VERMONT AGENCY OF TRANSPORTATION TOWN OF BARTON COUNTY OF ORLEANS US ROUTE 5 OVER NORTHERN VERMONT RAILROAD PROJECT #STP0113(58)S BRIDGE No. 161				DRAWN SAR CHECKED JRS SCALE: N.T.S. DATE 06/12/02 ENG. FILE # 22-1004148-D1
CUSTOMER <b>NORTLAND SPECIALTIES</b>		P.O. No. <b>VERBAL</b>		
<b>TRINITY INDUSTRIES, INC.</b> HIGHWAY SAFETY PRODUCTS 2525 STEMMONS FREEWAY, DALLAS, TX 75207				SHT.No. D1 OF 4 TRINITY SALES ORDER NO. <b>(22) 1004148</b> REV. 0

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