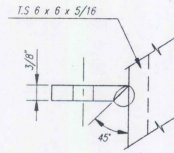


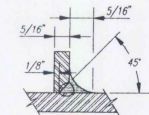
81 ~ 14392A POST

EACH POST 14392A CONSISTING OF:

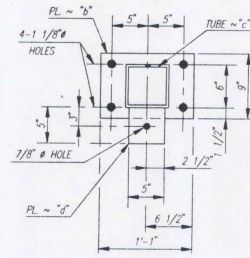
SUB MK	QUAN.	DESCRIPTION
b	1	PL 9" x 1" x 1"-1" LG. (A36)
c	1	T.S. 6" x 6" x 5/16" x 2'-1 1/16" LG. (A500B)
d	2	PL 5" x 3/8" x 5" LG. (A36)
e	1	PL 5 5/8" x 5/16" x 5 5/8" LG. (A36)



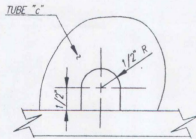
WELD PROC. # 2A
(TC-146-F)



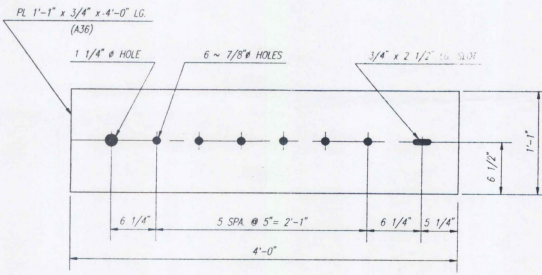
WELD PROC. # 1A
(BTC-p4-F)



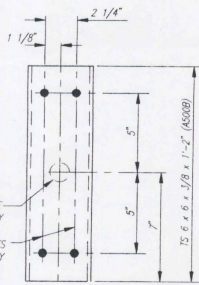
SECTION A-A



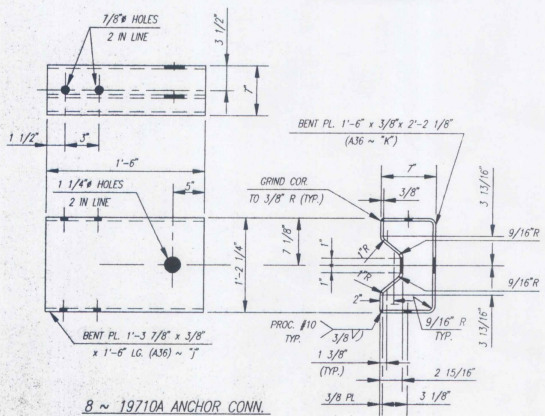
GALV. DRAIN DETAIL



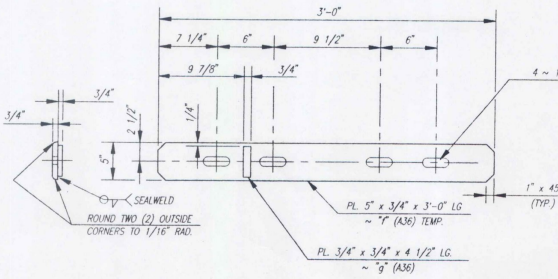
8 ~ 811G ANCHOR PLATE



8 ~ 9624G BLOCK



8 ~ 19710A ANCHOR CONN.



104 ~ 32124A SPLICE

BILL OF MATERIAL				
PRODUCT CODE	QTY	DESCRIPTION	WT	REMARKS
14392A	81	2 RAIL POST	90#	
32124A	104	SPLICE	37#	
19710A	8	ANCHOR CONN.	8.5#	
811G	8	ANCHOR PLATE	1.33#	
9624G	8	BLOCK	34#	
HARDWARE				
3706G	208	3/4" x 4" HEX HD. BOLT		A307 GRA A153
3700G	416	3/4" WASHER		FB44 A153
3704G	208	3/4" HEX NUT (HW)		A563 GRA A153
4418G	8	5/8" x 2 1/2" LG. HEX HD BOLT		A325 A153
4433G	162	5/8" x 4 1/2" LG. HEX HD. BOLT		A307 GRA A153
3900G	324	5/8" WASHER		FB44 A153
3350G	162	5/8" HEX NUT		A563 GRA A153
3926G	8	1" x 6 1/2" LG. HEX. HD. BOLT		A325 A153
4902G	8	1" WASHER		F436 A153
4903G	8	1" HEX NUT		A194 GR2H A153
4789G	32	3/4" x 4 1/2" LG. HEX HD. BOLT		A325 A153
4699G	32	3/4" LOCKWASHER		F436 A153
3711G	32	3/4" HEX NUT		A194 GA2H A153
3404G	64	5/8" x 2" LG. HEX HD BOLT		A325 A153
4372G	72	5/8" WASHER		F436 A153
3310G	64	5/8" LOCKWASHER		F436 A153
3351G	72	5/8" HEX NUT		A194 GR2H A153
PAY QUANTITIES				
801-7' LIN FT.	ITEM NO. 525.31	2-RAIL GALV. BOX BEAM BRIDGE RAILING		
8 EACH	ITEM NO. 621.70	SPEC. BEAM TO BOX BEAM CONN.		

HARDWARE NOTE:

VERMONT DEPT. OF HIGHWAYS HIGH STRENGTH HARDWARE A325 OR A449 REQUIRES MANUFACTURER'S CERTIFICATE SHOWING HEAT NO. PHYSICAL PROPERTIES AND CHEMICAL ANALYSIS.
CARBON A307 HARDWARE REQUIRES THE MANUFACTURER'S CERTIFICATE OF COMPLIANCE.

NOTES:

1. ALL POSTS TO BE CHIPPY V NOTCH TESTED
2. INSPECTED BY CONWELL
3. FINISH: GALV. A123
4. ALL POST MATERIAL, INCLUDING BASE PLATE, SHALL MEET MINIMUM CHIPPY V-NOTCH TOUGHNESS REQUIREMENTS.
5. ALL WELDING SHALL CONFORM WITH VERMONT STANDARD SPECIFICATIONS SECTION 506.10.

ERECTOR DETAILS ARE ON SHEETS E1 & E2 OF 2 (22) 101571

ISSUED APR 18 1998

APPROVAL DRAWING

REV	CHK'D	BY	DATE	REMARKS

CUSTOMER: F.R. LAFAYETTE INC P.O. NO. DATE: 4-11-98
 STATE OF VERMONT AGENCY OF TRANSPORTATION BOX BEAM BRIDGE RAILING TOWN OF WALLINGFORD, COUNTY OF RUTLAND U.S. ROUTE 7, BRIDGE No 79 & No 80 PROJECT: BRS 037 (1.3)
 DRAWN: B. TAKACH CHECKED: J. APPROVED: DATE: 4-11-98
 ENG. FILE # 10157101 SHEET # 1 OF 2 DRAWING NO. (22) 101571 0

SHOP DRAWING REVIEW
 REVIEWED FOR CONFORMANCE WITH CONTRACT DOCUMENTS & NO DISCREPANCY OR OMISSIONS OR CONFLICTS OF INTEREST.
 I, THE ENGINEER, HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE ORIGINAL AS SUBMITTED TO ME.
 BARNES AND JARVIS, INC. 60 BUSINESS CENTER DRIVE
 DALLAS, TEXAS 75243-3300
 DATE: 5-10-98 BY: JAD

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