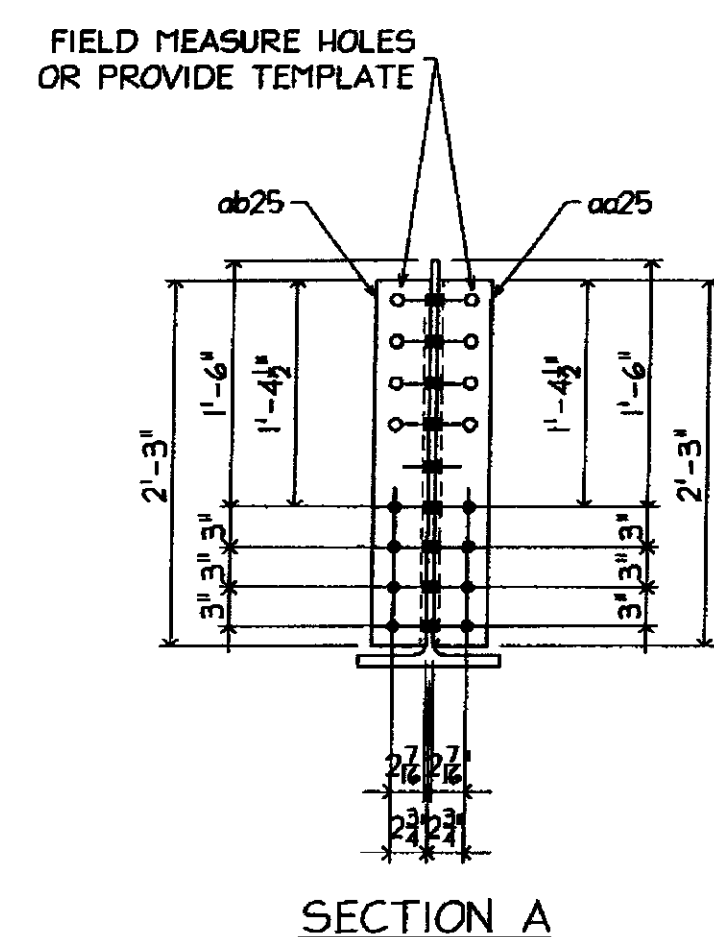
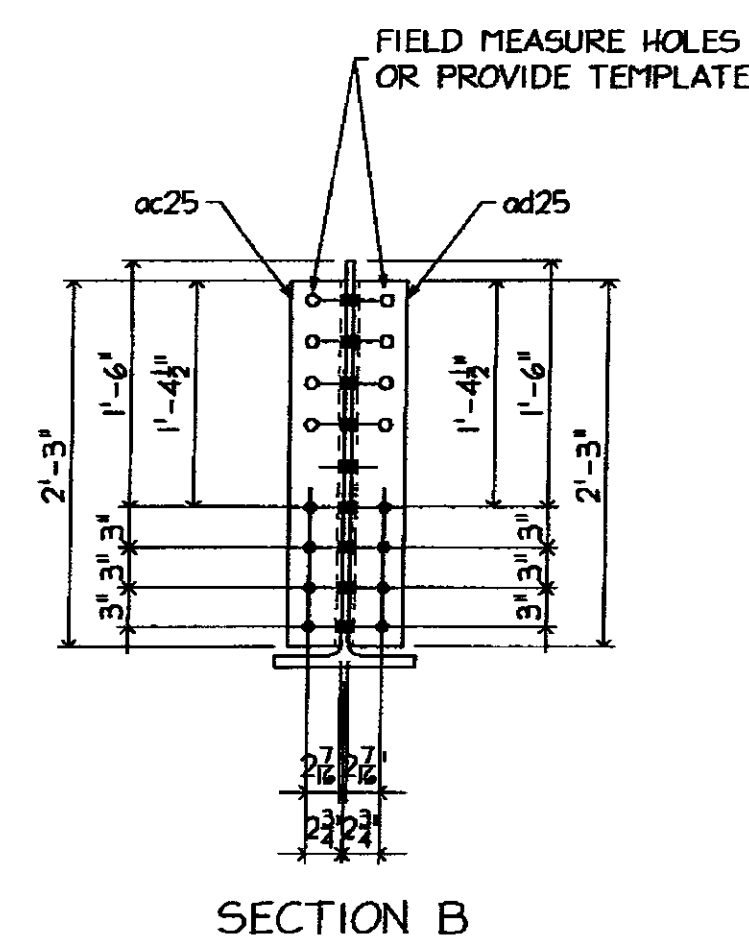


ONE - BEAM - 25BI



SECTION A



SECTION B

NO EXCEPTION TAKEN	<input checked="" type="checkbox"/>
PERMISSION NOT REQUIRED	<input type="checkbox"/>
PERMISSION NOT REQUIRED	<input type="checkbox"/>
PERMISSION NOT REQUIRED	<input type="checkbox"/>
PERMISSION NOT REQUIRED	<input type="checkbox"/>
PERMISSION NOT REQUIRED	<input type="checkbox"/>
PERMISSION NOT REQUIRED	<input type="checkbox"/>
DATE	2/21/09
DESIGNER	TEK

PERMISSION BY STAMPED IS FOR THE SOLE PURPOSE OF ASCERTAINING GENERAL CONFORMITY WITH DIMENSIONS, FABRICATION AND CONSTRUCTION METHOD. COORDINATION OF SUB-TRADES, DETAIL DESIGN OF COMPONENTS, AND ERRORS OR OMISSIONS ON SHOP DRAWINGS.

GALVANIZING NOTES:
 1 ALL WELDS SHALL BE SEALED
 2 VENT AS REQUIRED.
 3 COMPLETE FINAL ASSEMBLY OF BOLTED ITEMS AFTER GALVANIZING. WIRE-BRUSH ALL CONTACTING SURFACES TO A DULL-GRAY APPEARANCE PRIOR TO ASSEMBLY

FB THIS DWG
 56- 3/8 x 2 3/4 (A325 GALV) BOLT w/N/W

BILL OF MATERIAL

MARKS	SHIP TEMP	QTY	MATERIAL	FT	IN	GR	REMARK'S
25BI		ONE	W30x116	21	9 3/8		CVN
aa25		1	L6x4x3/8	2	3		
ab25		1	L6x4x3/8	2	3		
ac25		1	L6x4x3/8	2	3		
ad25		1	L6x4x3/8	2	3		
ma25		22	SHEAR STUD 3/8"	0	6		A325 w/N/W
mb25		18	BOLT 3/8"	0	2 3/4		A325 GALV w/N/W

MATL
 1 ALL MAT'L SHALL CONFORM TO AASHTO M 270/M 270 GRADE 50 (UNLESS NOTED)
 2 'CVN' INDICATES CHARPY 'V' NOTCH TESTED
 3 'FCM' INDICATES 'FRACTURE CRITICAL MEMBER'

WELD: E70xx
HOLES: 1/8" UNO
PREP: SSPC-SP8
PAINT: GALVANIZED AND AIR COOLED (NOT QUENCHED) (SEE GALVANIZING NOTES)

3/11/09 PER APPL COMMENTS DATED 3/06/09

ARC ENTERPRISES, INC.
KINGFIELD, MAINE

PROJECT STATE OF VERMONT - AGENCY OF TRANSPORTATION
 BRIDGE No 31 - RICHMOND, VERMONT

SCALE: NTS APPROVED BY: DRAWN BY: KAJ
 DATE: 2/18/09 CHKD BY: CMDS-DB2
 BRIDGE # HIGHWAY #1 OVER WINOOSKI RIVER
 FLOOR BEAM DETAILS

T BUCK CONSTRUCTION DWG NO 09-113 - 25