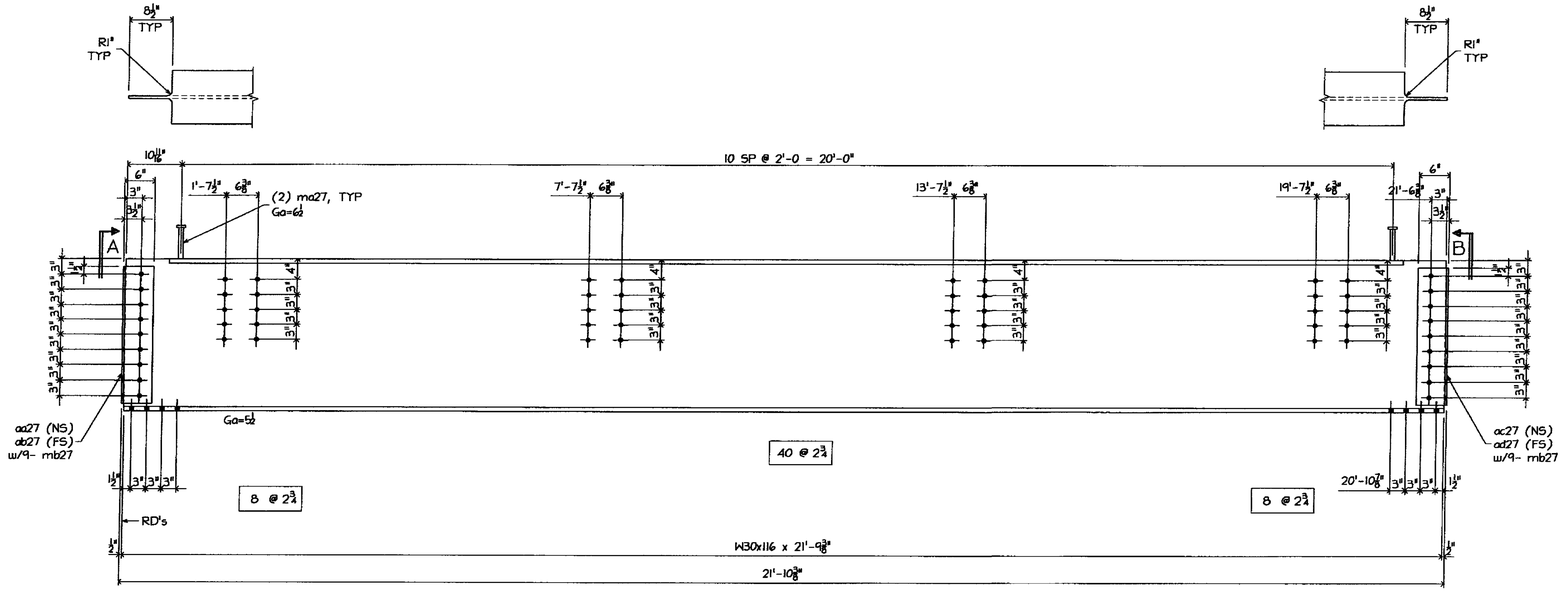
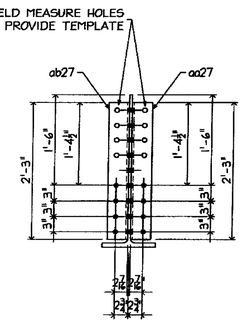


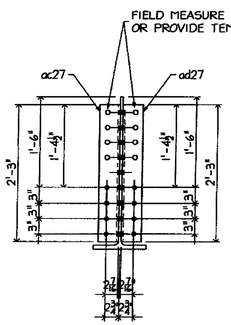
ONE - BEAM - 27B1

FIELD MEASURE HOLES OR PROVIDE TEMPLATE



SECTION A

FIELD MEASURE HOLES OR PROVIDE TEMPLATE



SECTION B

SHOP DRAWINGS ARE REVIEWED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	X
REVISE AS NOTED RESUBMISSION NOT REQUIRED	
REVISE AS NOTED RESUBMISSION REQUIRED	
REJECTED	

Stantec

DATE 3/24/09

SIGNATURE TEK

REVIEW BY STANTEC IS FOR THE SOLE PURPOSE OF ASCERTAINING GENERAL CONFORMITY WITH DESIGN. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS, FABRICATION AND CONSTRUCTION METHODS, 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- ⅞ø x 2¾ (A325 GALV) BOLT w/N&W

BILL OF MATERIAL

MARKS SHIP	MARKS TEMP	QTY	MATERIAL	FT	IN	GR	REMARK'S
27B1		ONE	W30x116	21	9⅛		CVN
	aa27	1	L6x4x⅜	2	3		
	ab27	1	L6x4x⅜	2	3		
	ac27	1	L6x4x⅜	2	3		
	ad27	1	L6x4x⅜	2	3		
	ma27	22	SHEAR STUD ⅞ø	0	6		
	mb27	18	BOLT ⅞ø	0	2¾	A325 GALV	w/N&W

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

WELD: E70xx

HOLES: 1⅛"ø UNO

PREP: SSPC-SP6

PAINT: GALVANIZED AND AIR COOLED (NOT QUENCHED) (SEE GALVANIZING NOTES)

A 3/11/09 PER APP'L 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-DBZ

BRIDGE @ HIGHWAY #1 OVER WINOOSKI RIVER
FLOOR BEAM DETAILS

T BUCK CONSTRUCTION

DWG NO. 09-113 - 27 A