



NO DIMENSIONS ARE REVISED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	
REVISIONS REQUIRED	
REVISIONS NOT REQUIRED	
REVISIONS REQUIRED	
REVISIONS REQUIRED	
REVISIONS REQUIRED	

DATE: 3/21/19

DESIGNED BY: TEL

REVISION BY: ATANTEC 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:**

- ALL WELDS SHALL BE SEALED
- VENT AS REQUIRED.
- 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- 60 x 2 1/2 (A325 GALV) BOLT w/NH

**BILL OF MATERIAL**

MARKS	SHIP TEMP	QTY	MATERIAL	FT	IN	GR	REMARKS
28BI		ONE	W30x116	21	9 3/8		CVN
aa2b		1	L6x4x3/8	2	3		
ab2b		1	L6x4x3/8	2	3		
ac2b		1	L6x4x3/8	2	3		
ad2b		1	L6x4x3/8	2	3		
ma2b		22	SHEAR STUD 1/2"	0	6		
mb2b		18	BOLT 1/2"	0	2 1/2	A325 GALV	w/NH

**MATL**

- ALL MAT'L SHALL CONFORM TO AASHTO M 270/M 270 GRADE 50 (UNLESS NOTED)
- 'CVN' INDICATES CHARNY 'V' NOTCH TESTED.
- 'FCM' INDICATES 'FRACTURE CRITICAL MEMBER'

**WELD:** E70xx

**HOLES:** 1/2" 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: CMO5-DB2	
BRIDGE # HIGHWAY #1 OVER WINOOSKI RIVER FLOOR BEAM DETAILS		DWG NO. 09-113 - 28/A
T BUCK CONSTRUCTION		