



NOTE:
FIELD VERIFY THE THICKNESS
OF ALL SHIMS

SHOP DRAWINGS ARE REVIEWED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	<input checked="" type="checkbox"/>
REVISION NOTED	<input type="checkbox"/>
RESUBMISSION NOT REQUIRED	<input type="checkbox"/>
REVISION NOTED	<input type="checkbox"/>
RESUBMISSION REQUIRED	<input type="checkbox"/>
REJECTED	<input type="checkbox"/>

DATE: 3/24/9

SIGNATURE: [Signature]

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

- 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
40- 3/8 x 2 1/2 (A325 GALV) BOLT w/NUT

BILL OF MATERIAL

MARKS	SHIP TEMP	QTY	MATERIAL	FT	IN	GR	REMARK'S
18M11		ONE	R.3 x 8	1	4	Gr 36	
18M12		ONE	R.3 x 8	2	8	Gr 36	
18M13		ONE	R.3 x 8	2	6 1/2	Gr 36	
18M14		ONE	R.3 x 8	2	6 1/2	Gr 36	
18M15		ONE	R.3 x 8	2	5 1/2	Gr 36	
18M16		ONE	R.3 x 8	2	5 1/2	Gr 36	
18M17		ONE	R.3 x 8	1	3 1/2	Gr 36	
18M18		ONE	R.3 x 8	1	3 1/2	Gr 36	
18M19		ONE	R.3 x 8	1	1 1/2	Gr 36	
18M10		ONE	R.3 x 8	1	1 1/2	Gr 36	
18M11		ONE	R.3 x 8	1	3 1/2	Gr 36	
18M12		ONE	R.3 x 8	1	3 1/2	Gr 36	
18M13		ONE	R.3 x 8	1	1 1/2	Gr 36	
18M14		ONE	R.3 x 8	1	1 1/2	Gr 36	

MATL:

- ALL MAT'L SHALL CONFORM TO AASHTO M 270/M11 270 GRADE 50 (UNLESS NOTED)
- 'CVN' INDICATES CHARPY '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 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: CMO5-DB2	
BRIDGE # HIGHWAY #1 OVER WINOOSKI RIVER SHIM PLATE DETAILS		
T BUCK CONSTRUCTION	DWG NO. 09-113 - 18	