



SHOP DIMENSIONS ARE REMAINED UNLESS NOTED OTHERWISE

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

DATE: 3/24/19

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.

NOTE:
FIELD VERIFY/PROVIDE ALL DIM'S INDICATED THUS ' [Symbol] '

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/N4W
- 32- 3/8" x 2 1/2" (A325 GALV) BOLT w/N4W
- 8- 3/8" x 2 1/2" (A325 GALV) BOLT w/N4W
- 20- 3/8" x 3 1/2" (A325 GALV) BOLT w/N4W

BILL OF MATERIAL

MARKS	SHIP	TEMP	QTY	MATERIAL	FT	IN	GR	REMARK'S
2IB1			ONE	W30x116	21	0		CVN
aa21			1	L8x7x2	2	3		FRONT L&B
ab21			1	L8x7x2	2	3		FRONT L&B
ac21			1	L8x7x2	1	3		FRONT L&B
ad21			1	L8x7x2	1	3		FRONT L&B
ma21			22	SHEAR STUD 1/2"	0	6		
mb21			20	BOLT 3/8"	0	3	A325 GALV	w/N4W
mc21			16	BOLT 3/8"	0	2	A325 GALV	w/N4W

MATL

- ALL MAT'L SHALL CONFORM TO AASHTO M 270/M1 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 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-082

BRIDGE # HIGHWAY #1 OVER WINOOSKI RIVER
FLOOR BEAM DETAILS

T BUCK CONSTRUCTION

DWG NO.
09-113 - 21