



ONE - GUSSET PL - 15M1
(R.L.S.) GRID 'L8' WEST - 0/5

ONE - GUSSET PL - 15M3
(R.L.S.) GRID 'L7' WEST - 0/5

ONE - GUSSET PL - 15M5
(R.L.S.) GRID 'L6' WEST - 0/5

ONE - GUSSET PL - 15M7
(R.L.S.) GRID 'L5' WEST - 0/5

ONE - GUSSET PL - 15M2
(R.L.S.) GRID 'L8' WEST - 1/5

ONE - GUSSET PL - 15M4
(R.L.S.) GRID 'L7' WEST - 1/5

ONE - GUSSET PL - 15M6
(R.L.S.) GRID 'L6' WEST - 1/5

ONE - GUSSET PL - 15M8
(R.L.S.) GRID 'L5' WEST - 1/5

NOTE:
FIELD VERIFY/PROVIDE ALL DIM'S
INDICATED THUS '☁'

SHOP DRAWINGS ARE REVIEWED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	2
REVISED AS NOTED	
REVISION NOT REQUIRED	
REVISED AS NOTED	
REVISION NOT REQUIRED	
REJECTED	
DATE	3/27/09
SIGNATURE	JLK

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
24- 3/8 x 2 1/2 (A325 GALV.) BOLT w/N&W
126- 3/8 x 2 1/2 (A325 GALV.) BOLT w/N&W
32- 3/8 x 3/4 (A325 GALV.) BOLT w/N&W

BILL OF MATERIAL

MARKS	SHIP	TEMP	QTY	MATERIAL	FT	IN	GR	REMARK'S
15M1			ONE	R.L.S x 25 1/2	2	1/2		CVN SHAPED
15M2			ONE	R.L.S x 25 1/2	3	6		CVN SHAPED
15M3			ONE	R.L.S x 3 1/2	4	6 1/2		CVN SHAPED
15M4			ONE	R.L.S x 3 1/2	4	6 1/2		CVN SHAPED
15M5			ONE	R.L.S x 33	3	5 1/2		CVN SHAPED
15M6			ONE	R.L.S x 33	3	5 1/2		CVN SHAPED
15M7			ONE	R.L.S x 33 1/2	3	4 1/2		CVN SHAPED
15M8			ONE	R.L.S x 33 1/2	3	4 1/2		CVN SHAPED

MATL
1 ALL MAT'L SHALL CONFORM TO AASHTO M 270/M 1 270 GRADE 50 (UNLESS NOTED)
2 'CVN' INDICATES CHARPY 'V' NOTCH TESTED
3 '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: CWS-082

BRIDGE # HIGHWAY #1 OVER WINOOSKI RIVER
GUSSET PLATE DETAILS

T BUCK CONSTRUCTION DWG NO 09-113 - 15