



NOTES:

- ALL PARTS TO BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH AASHTO M 111M, EXCEPT THAT HARDWARE SHALL MEET THE REQUIREMENTS OF AASHTO M 232M.
- REFERENCE ERECTION DRAWINGS E27.

BILL OF MATERIAL				
MARK	QTY.	MATERIAL	LENGTH	GR. REMARKS
A15R/L	4	W150x37	2600	GNV. HD 2R/2L
B15R/L	4	W150x37	2600	GNV. HD 2R/2L
C15R/L	4	W150x37	2600	GNV. HD 2R/2L
D15R/L	4	W150x37	2600	GNV. HD 2R/2L
F15R/L	4	W150x37	2600	GNV. HD 2R/2L
G15R/L	4	W150x37	2600	GNV. HD 2R/2L
K15R/L	4	W150x37	2600	GNV. HD 2R/2L
M15R/L	4	W150x37	2600	GNV. HD 2R/2L
N15	248	BOLT ASSEMBLY		
'a'	248	20# ROUND HEAD BOLT	152	M 16MM TYPE 1 GNV.
'b'	248	20# LOCK NUT		GNV. M20, TYPE 1
pa	248	PL 5 x 40	40	GNV. HD M20S
TOTAL WEIGHT:				

SHOP DRAWING REVIEW

REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

REJECTED REVISE AND RESUBMIT FURNISH AS CORRECTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING AND CORRELATING ALL QUANTITIES AND DIMENSIONS, SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADERS, AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanesse Hengen Brustin, Inc.
Engineers, Planners, and Scientists
Six Bedford Farms, Rome, VT
Tel: 802/249-1110 Fax: 802/249-1989

Job Number: 50911
Reviewed By: SMW
Date: 8/15/06

MAT'L : ASTM A709 GR.345	FIELD BOLTS
HOLES : AS NOTED ON DWG.	GRADE: A325
WELD :	
ELECTRODE : E70XX	
PREP : SEE GN-1	
PAINT : SEE GN-1	
3 07/15/06 TS REV. PER APPL	RC
2 08/03/06 MN REV. PER APPL	RC
1 28/10/05 KC REV. PER APPROVAL COMMENTS	BH
REV. DATE BY DESCRIPTION	CHK
WORK NETC 4 RAIL-BRIDGE RAILING - PROJECT NO. BRF036-1(1) VT. ROUTE 78 OVER MISSISQUOI BAY - BRIDGE NO. 2 ALBURG - SWANTON, VERMONT	
DRAWING APPROACH RAIL POST DETAILS	
SCALE: N.T.S.	SHEET 15
SUPERVISOR: T.S.	CIANBRO CORPORATION PITTSFIELD MAINE
DRAWN: SG	
CHECK: BH	
JOB 050004	