GENERAL NOTES

SPECIFICATIONS

ALL WORK AND MATERIALS SHALL CONFORM TO THE PROVISIONS OF SECTION 525 – RAILINGS OF THE STATE OF VERMONT AGENCY OF TRANSPORTATION "STANDARD SPECIFICATION FOR CONSTRUCTION.

TUBING AND POSTS SHALL MEET THE REQUIREMENTS OF SECTION 732 – RAILING MATERIALS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION EXCEPT THE DROP–WEIGHT TEAR TEST IN SECTION 732 SHALL NOT APPLY TO THE STRUCTURAL TUBING.

RAIL POSTS SHALL BE NORMAL TO GRADE.

RAIL POST ANCHORING NUTS SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN AN ADDITIONAL ONE–EIGHTH TURN.

MATERIAL SPECIFICATIONS

RAIL TUBES:	ASTM A500, GRADE B
RAIL POSTS AND BASE PLATES:	ASTM A709/A709M, GRADE 345
ALL OTHER SHAPES AND PLATES:	ASTM A709/A709M, GRADE 250
ANCHOR STUDS:	ASTM A449
ALL OTHER BOLTS (U.N.O.):	AASHTO M 164M, TYPE 1

NUTS FOR AASHTO M 164M BOLTS AND FOR ANCHOR STUDS SHALL COMPLY WITH AASHTO M 291 (ASTM A563).

WASHERS SHALL COMPLY WITH AASHTO M 293 (ASTM F436) SPECIFICATIONS.

3 mm PAD SHALL COMPLY WITH STANDARD SPECIFICATION SUBSECTION 731.01 OR 731.02.

RAIL POSTS AND BASE PLATES SHALL BE TESTED FOR IMPACT PROPERTIES IN ACCORDANCE WITH ASTM A370 CHARPY IMPACT TESTING USING A TYPE 'A' SPECIMEN.

FABRICATION

ALL EXPOSED CUT OR SHEARED EDGES SHALL BE ROUNDED TO A 2 mm RADIUS AND FREE OF BURRS.

PAINT

ALL PARTS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH AASHTO M 111M, EXCEPT THAT HARDWARE SHALL MEET THE REQUIREMENTS OF AASHTO M 232M.

FOR APPROVAL

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 SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc. Engineers, Planners, and Scientists Six Bedford Farms, Kilton Rd. Bedford, NH 03110 603 644 0888

Job Number: 53911
Reviewed By: BMH
Date: 7-7-05

MAT'L : AS NOTED	FIELD BOLTS			
HOLES : 22ø (7/8") U.N.O.	GRADE: A325			
WELD :	*			
ELECTRODE : E70XX				
PREP : AS NOTED				
PAINT : AS NOTED				

REV.	DATE	BY	DESCRIPTION	CHK
1	11/01/05	JM	RE-ISSUED FOR APPROVAL	BH
0	18/06/04	JM	ISSUED FOR APPROVAL	BH

WORK: NETC 4 RAIL–BRIDGE RAILING
VT. ROUTE 78 OVER MISSISQUOI BAY
ALBURG – SWANTON, VERMONT

DRAWING: GENERAL NOTES

SCALE: N.T.S.
DRAWN: JM
CHECK: BH

CIANBRO CORPORATION PITTSFIELD MAINE

SHEET GN–1 ⚠1
JOB 050004