

1. HEAVY DUTY STEEL BEAM GUARD RAIL SHALL CONFORM TO VT. SPECIFICATION SECTION 732.
2. STRUCTURAL STEEL TUBING SHALL CONFORM TO VT. SPECIFICATION SECTION 732 GALVANIZED IN ACCORDANCE WITH AASHTO M111.
3. BRACKET POSTS AND SPECIAL WELDERS SHALL CONFORM TO VT. SPECIFICATION SECTION 513.
4. ALL NUTS SHALL CONFORM TO ASTM A563, GRADE B.
5. ALL BOLTS AND RELATED HARDWARE SHALL CONFORM TO (AASHTO M163) ASTM A325 TYPE 1 BOLTS, HOT DIPPED OR MECHANICALLY GALVANIZED PER SPECIFICATION.
6. ALL POSTS SHALL SET NORMAL GRADE.
7. SPLICES FOR THE STEEL BEAM GUARD RAIL SHALL LAP IN THE DIRECTION OF TRAFFIC.
8. ALL FIELD CUT OR DRILLED AREAS SHALL BE REPAIRED PER SPECIFICATION 513.
9. ALL FLAT WASHERS SHALL CONFORM TO ASTM F436.
10. ALL NUTS SHALL CONFORM TO ASTM A563, GRADE B.

* THE DROP-WEIGHT TEAR TEST IN SECTION 732 SHALL NOT APPLY TO THE STRUCTURAL TUBING.

RECEIVED

142 APR 27 2010

RESUBMIT _____ APPROVED _____
BY _____ DATE _____

**ALL DIMENSIONS MUST BE FIELD VERIFIED
BY CONTRACTOR PRIOR TO FABRICATION**

22	DRAWN BY: JJP	DATE 4/9/10	CHECKED BY: DCK	SHEET NO. 3 OF 3
----	------------------	----------------	--------------------	---------------------

BRIDGE RAILING LAYOUT B.O.M
VERMONT AGENCY OF TRANSPORTATION

CONT. NO.	DDO 4444(20)	REGION NO.	N/A
-----------	--------------	------------	-----

ERECTOR: VERMONT RECREATIONAL SURFACING & FENCING, INC.	
FABRICATOR: PH. (315) 736-8312	JOB NO.

P.O. BOX 123(40 GREENMAN AVE.) NEW YORK MILLS, N.Y. 13417	V04-02
--	--------

041 Bridge Rail