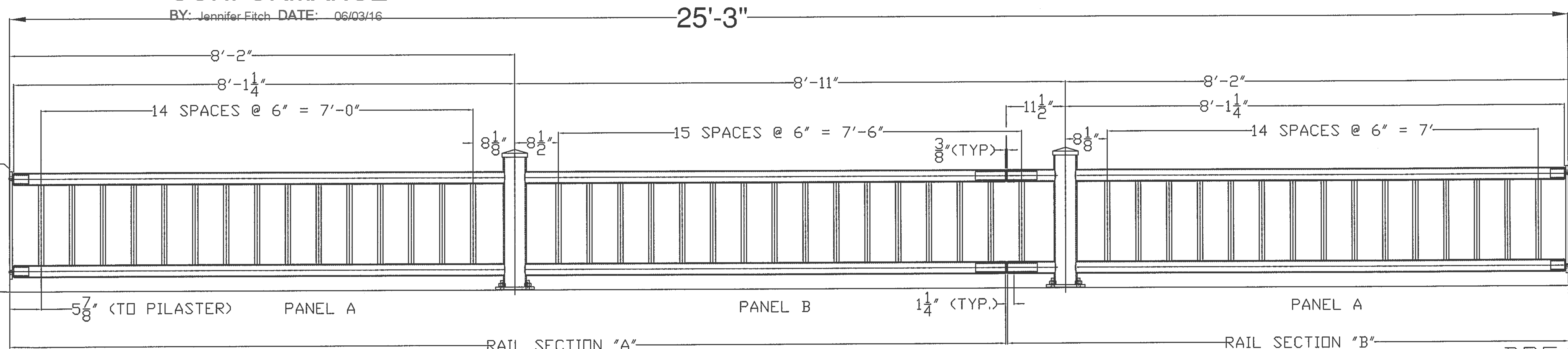


Vermont Agency of Transportation  
**RECEIVED**  
 ON: June 2, 2016  
 and Checked for  
**CONFORMANCE**  
 BY: Jennifer Fitch DATE: 06/03/16

**WEST RAILING, FACING WEST**

BREAK  
 LINE "A"



BREAK  
 LINE "A"

**WEST RAILING, FACING WEST**

BREAK  
 LINE "B"

- BRIDGE RAIL NOTES**
1. ALL DIMENSIONS TO FACE OF CONCRETE UNLESS NOTED OTHERWISE.
  2. RAIL POSTS SHALL BE SET NORMAL TO GRADE.
  3. PAYMENT SHALL BE MADE UNDER PAY ITEM 900.640 SPECIAL PROVISION (BRIDGE RAILING, GALVANIZED METAL HAND RAILING/CONCRETE PARAPET COMBINATION).
  4. REINFORCING STEEL SHALL CONFORM TO SECTION 507 FOR LEVEL II REINFORCEMENT. PAYMENT SHALL BE MADE UNDER PAY ITEM SPECIAL PROVISION (BRIDGE RAILING, GALVANIZED METAL HAND RAILING/CONCRETE PARAPET COMBINATION).
  5. METAL HAND RAILING, TO INCLUDE STEEL PIPES, PLATES AND HARDWARE, SHALL BE PAID FOR UNDER ITEM SPECIAL PROVISION (BRIDGE RAILING, GALVANIZED METAL HAND RAILING/CONCRETE PARAPET COMBINATION).
  6. STEEL PIPES FOR POSTS, TOP AND BOTTOM RAIL AND PALINGS SHALL BE SEAMLESS, CONFORMING TO SUBSECTION 732.01.
  7. STEEL FOR BASE AND ANCHORAGE PLATES SHALL CONFORM TO SUBSECTION 732.03(b).
  8. HARDWARE FOR ANCHOR BOLT ASSEMBLIES SHALL CONFORM TO SUBSECTION 732.03(d).
  9. 1/8" PAD SHALL CONFORM TO SUBSECTION 731.01 OR 731.02.
  10. ALL EXPOSED CUT OR SHEARED EDGES OF STEEL COMPONENTS SHALL BE ROUNDED TO A 1/16" RADIUS AND BE FREE OF BURRS.
  11. ALL PARTS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH AASHTO M 111/M 111 (ASTM A123), EXCEPT HARDWARE, WHICH SHALL MEET THE REQUIREMENTS OF AASHTO M 232/M 232 (ASTM A153).
  12. ALL PARTS EXCEPT HARDWARE AND ANCHORAGE PLATES SHALL BE PAINTED BLACK (COLOR CHIP #27038).
  13. RAIL POST ANCHORING NUTS SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN AN ADDITIONAL ONE-EIGHTH TURN.
  14. THE FABRICATOR SHALL SUBMIT FABRICATION DRAWINGS INCLUDING WELDING PROCEDURES FOR METAL HAND RAILING IN ACCORDANCE WITH SECTION 105.

**SHOP DRAWING REVIEW**

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

REVISIONS REQUIRED  APPROVED AS NOTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DID 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 THEIR WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING THEIR WORK IN A SAFE AND SATISFACTORY MANNER.

 CLD Consulting Engineers  
 240 Commercial Street  
 Manchester, NH 03101  
 603-666-8223


Job Number: 150223  
 Reviewed by: SRB  
 Date: 06/03/2016


ITEM #: 900.640

APPROVED BY:

**BRIDGE RAIL DETAILS SHEET**  
 BRATTLEBORO BR 2000 (26)  
 VERMONT

R NO.	DATE	DESCRIPTION	BY	R NO.	DATE	DESCRIPTION	BY
E 1	6/2/16	REVISED PER 5/18/16 DWG REVIEW	E.P.				

 **ELDERLEE, INC.**  
 OAKS CORNERS, NEW YORK 14518  
 E-Mail: [dlong@elderlee.com](mailto:dlong@elderlee.com)  
 Tel: 315-789-6670 Fax: 315-789-6615

 **CERTIFIED FABRICATOR**

DRAWN	E.P.	5/4/16
CHECKED	D.L.	5/4/16
APPROVED		
SCALE	SCHEMATIC	
DRAWING NO. F.R. LAFAYETTE-BRATTLEBORO (26)		

SHEET 1 OF 5