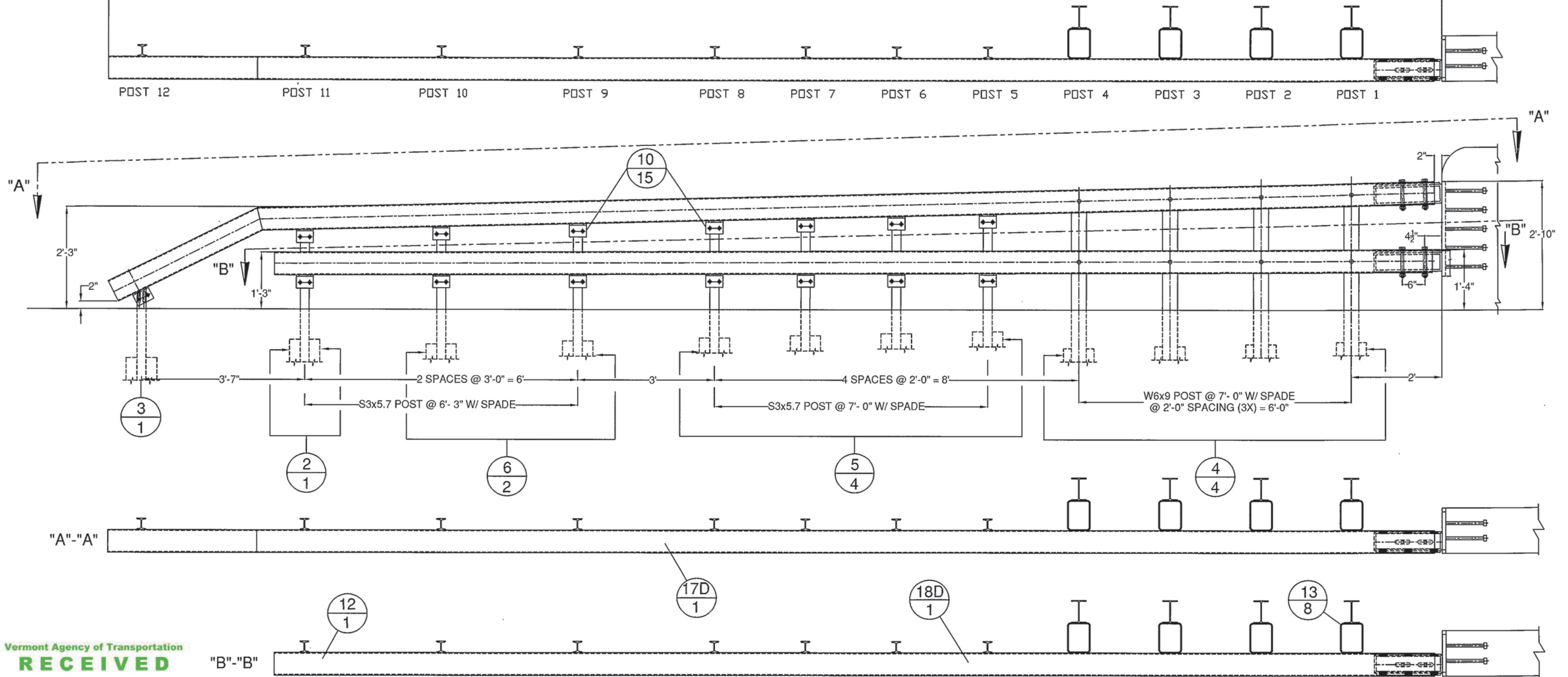


29'-3 3/4" - PAY LIMIT



Vermont Agency of Transportation
RECEIVED

CK'D BY VHB OK'D BY TAS

March 14, 2017

RESUBMIT APPROVED YES
BY T Sumner DATE 3/16/17

NW APPROACH GUARD RAIL TO BRIDGE RAIL TRANSITION

(DRAWN STRAIGHT FOR CLARITY)
SEE ADDITIONAL SHEETS FOR DETAILED VIEWS

BILL OF MATERIALS, NORTHWEST CORNER ONLY				
ITEM #	QTY.	COMPONENT #	DESCRIPTION	MATERIAL (ASTM)
2	1	0013.57025	3" I-POST W/SPD @ 63", PUNCH 8", & 20"	ASTM A572 Gr. 50
3	1	0013.57060	3" I-END POST W/SPD @ 3'-8" LG	ASTM A572 Gr. 50
4	4	-	W6X9 POST @ 7" W/SPD & Ø9/16" HOLES @ VARIOUS	ASTM A572 Gr. 50
5	4	-	3" I-POST, PUNCH 8" & VARIOUS, W/ØX32" SPADE @ 7"	ASTM A572 Gr. 50
6	2	-	3" I-POST, PUNCH 8" & VARIOUS, W/ØX32" SPADE @ 6'3"	ASTM A572 Gr. 50
10	15	0054.00050	REG BB SHELF ANGLES @ 4-1/2"	ASTM A36
13	8	0054.00563	6X8" TRANS. TUBE B/O @ 6" LG	A500 Gr. B
17D	1	-	6X6" BB TOP TRANS @ 24'-9 1/4" LG W/ 7'-6" CONVEX RAD. & TURNDOWN	A500 Gr. B
18D	1	-	6X6" BB BTM TRANS @ 25'-5 1/4" LG W/ 7'-6" CONVEX RAD.	A500 Gr. B
19	14	0080.03355	3/8" X 7 1/2" BOLT, NUT, & 2 FW	A307, A563, F844
20	15	0080.04100	1/2" x 1-1/2" BOLT, NUT, & FW	A307, A563, F844
21	16	0080.04120	1/2" x 1-1/2" BOLT, NUT, 2 FW & LW	A307, A563, F844
24	8	0080.06370	3/4" X 8" CARR BOLT, NUT, FW & LW	A307, A563, F844
25	1	-	3/4" X 7" HEX BOLT, NUT, & FW	A307, A563, F844
27	-	-	PARAPET WALL CONNECTION (TRAILING)	INCLUDED W/PAY ITEM #900.640

SEE HARDWARE NOTES ON SHEET 2

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.

40 IDX Drive
Building 100, Suite 200
South Burlington, VT 05403
802.497.6100

vhb

Job Number: BRF 025-1142)
Reviewed By: E.F. LAWES
Date: MARCH 15, 2017

ITEM #: 900.620

STRUCTURAL STEEL TO COMPLY W/ ASTM A6

TOLERANCE UNLESS OTHERWISE NOTED:
FRACTIONS = ± 1/16"
ANGLES = ± 1/2"
DIAMETERS = ± 1/32"

SHEET 8 OF 9

SPECIAL PROVISION, GUIDERAIL APPROACH SYSTEM, GALVANIZED 2 RAIL BB

PROJECT 111 BRF 025-1(42), T.H. 1 (V.T. 103) CLASS I (PRINCIPAL ARTERIAL) F.A.S. 025-1, BRIDGE # 25
TOWN OF LUDLOW, WINDSOR COUNTY

R NO.	DATE	DESCRIPTION	BY	R NO.	DATE	DESCRIPTION	BY
E 1	3/1/17	REVISED PER 2/23/17 MARK-UP	D.K. E				
V 2	3/14/17	REVISED PER 3/10/17 MARK-UP	D.K. V				

ELDERLEE, INC.
OAKS CORNERS, NEW YORK 14578
email: dlong@elderlee.com / speek@elderlee.com
Tel: 315-789-6870 Fax: 315-789-6815

CERTIFIED FABRICATOR
ORTHOGRAPHIC PROJECTION

DRAWN D.K. 1/3/17
CHECKED E.P. 1/3/17
APPROVED D.L. 1/3/17
SCALE SCHEMATIC
DRAWING NO. FR LaFayette LUDLOW-T