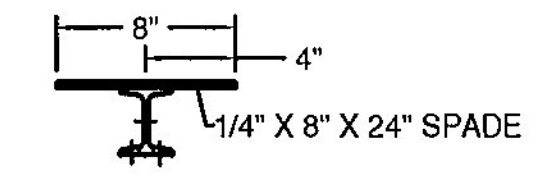
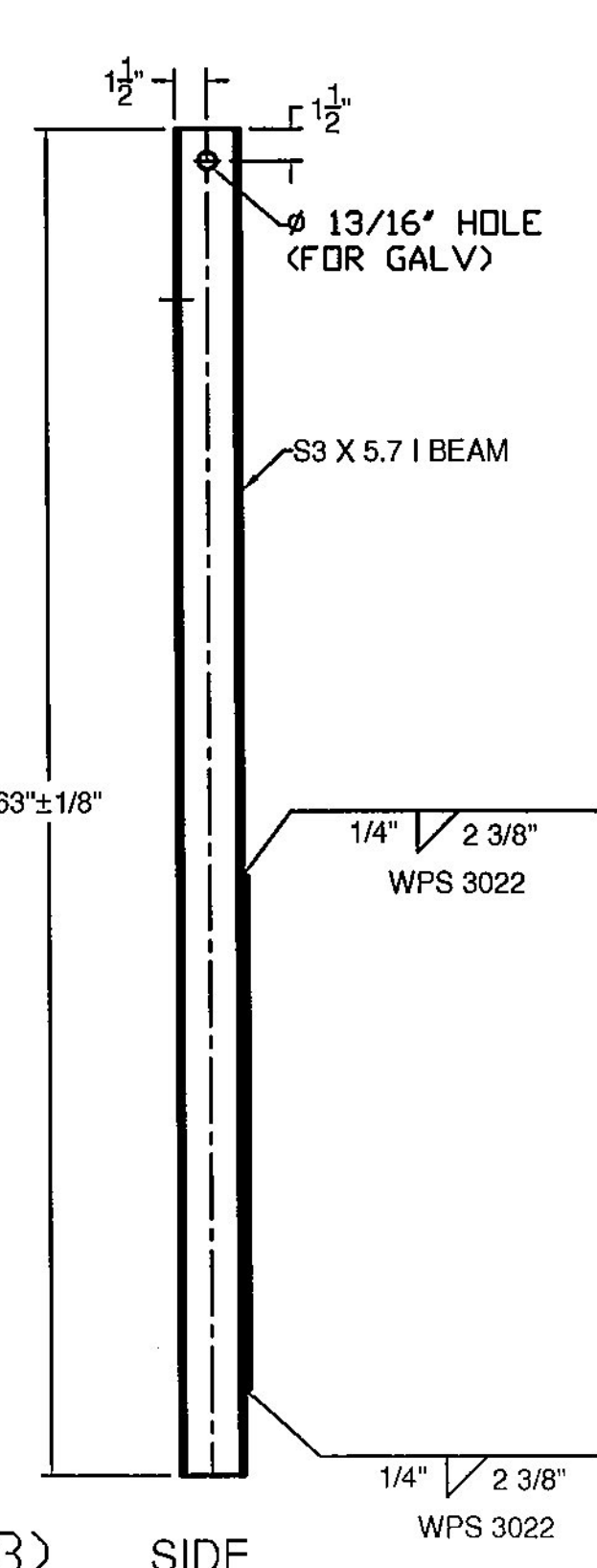


Vermont Agency of Transportation
RECEIVED
 CK'D BY D. PETERSON OK'D BY C. CARLSON
 January 20, 2015
 RESUBMIT NO Approved AsNoted
 BY C. CARLSON DATE 01/23/2015

PLAN VIEW



STANDARD POST DETAIL

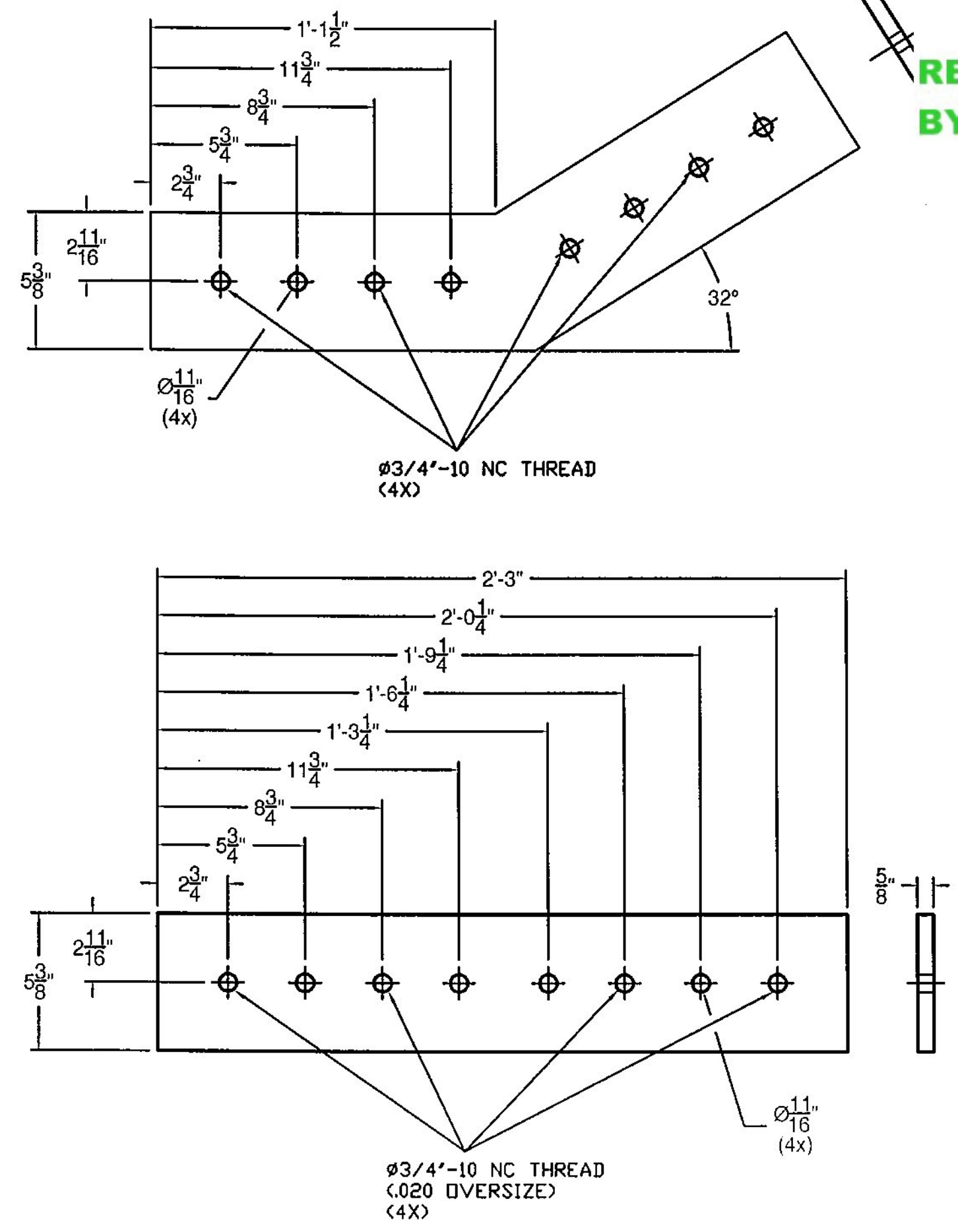


ITEM #	QTY	PART #	DESCRIPTION	ASTM DESIGNATION
1	3	0033.91356	6" X 6" X 3/16" BOX BEAM @ 14'-1" W/ END MITER	A500 Gr. B
1A	1	0033.91357	6" X 6" X 3/16" BOX BEAM @ 14'-1" W/ 6' PARTIAL RADIUS & END MITER	A500 Gr. B
2	2	0054.01001	6" X 6" X 3/16" END SECTION	A500 Gr. B
2A	2	0054.01001T	6" X 6" X 3/16" END SECTION W/ END MITER	A500 Gr. B
3	16	0013.57021	S3 X 5.7 POST, PUNCH 8" W/SPD @ 63" LG	A572 Gr. 50
4	4	0013.57060	S3 X 5.7 END POST, W/SPD @ 3'-8" LG	A572 Gr. 50
5	3 PR.	0054.00100	5/8" X 5 3/8" INTERNAL SPLICE PLATE @ 2'-3"	A709
5A	1 PR.	0054.00132	5/8" X 5 3/8" INTERNAL SPLICE PLATE W/ 32° ANGLE	A709
6	20	0054.00050	L5" X 3 1/2" X 3/8" RAILING ANGLE	A36
7	8	0080.06340	Ø 3/4" X 7-1/2" HEX BOLT, NUT, & (2) F.W.	A325, A563 DH, & F436
8	20	0080.06140	Ø 3/4" X 2-3/4" HEX BOLT, NUT, & (2) F.W., & L.W.	A325, A563 DH, F436, & ASME B18.21.1
9	20	0080.03355	Ø 3/8" X 7 1/2" BOLT, NUT, & 2 FW	A307
10	32	0080.06005	Ø 3/4" X 1 1/2" BOLT, & FW	A325

ITEM 1, 2, & 5 - WW 2, 3, & 4
 ITEM 1A, 2A & 5A - WW 1

- NOTES:
- ALL WORK AND MATERIALS SHALL CONFORM TO SECTION 525.
 - PRIOR TO GALVANIZING THE ASSEMBLED POST, GRIND ALL EDGES TO A MINIMUM RADIUS OF 1/16".
 - ALL POSTS SHALL BE SET NORMAL TO GRADE.
 - BOLTS SHALL BE TORQUED SNUG TIGHT (APPROXIMATELY 100 FT-LB).
 - BRIDGE RAILING SHALL HAVE A RUBBED FINISH IN ACCORDANCE WITH SECTION 501.
 - HOLES FOR MOUNTING DELINEATORS TO BE FIELD DRILLED. HOLES SHALL BE COATED WITH AN APPROVED ZINC-RICH PAINT PRIOR TO INSTALLATION.
 - ALL STEEL COMPONENTS OF BRIDGE RAILING AND BOX BEAM GUARDRAIL, INCLUDING THE RAIL CONNECTION TO THE BRIDGE RAIL SHALL BE GALVANIZED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SURFACE PREPARED FOR PAINTING IN ACCORDANCE WITH ASTM D 6386. COMPONENTS SHALL BE PAINTED BROWN IN ACCORDANCE WITH SUBSECTION 708.03.

PART IS SYMETRICAL



FRONT (ITEM # 3) SIDE

ITEM #: 621.30
 STRUCTURAL STEEL TO COMPLY W/ ASTM A6
 TOLERANCE UNLESS OTHERWISE NOTED:
 FRACTIONS = ± 1/16"
 ANGLES = ± 1/2"
 DIAMETERS = ± 1/32"

BOX BEAM GUIDE RAIL
 PROJECT: STOWE BRIDGE 0235 (11), VT. RT. 108, MAJOR COLLECTOR, BRIDGE #2
 TOWN OF STOWE, LAMOILLE COUNTY

R. NO.	DATE	DESCRIPTION	BY	R. NO.	DATE	DESCRIPTION	BY

ELDERLEE, INC.
 OAKS CORNERS, NEW YORK 14518
 E-Mail: dlong@elderlee.com / epeek@elderlee.com
 Tel: 315-789-6670 Fax: 315-749-6615

DRAWN: E.P. 1/13/15
 CHECKED: D.L. 1/15/15
 APPROVED: [Signature]
 SCALE: SCHEMATIC
 DRAWING NO. FRL - STOWE-BB