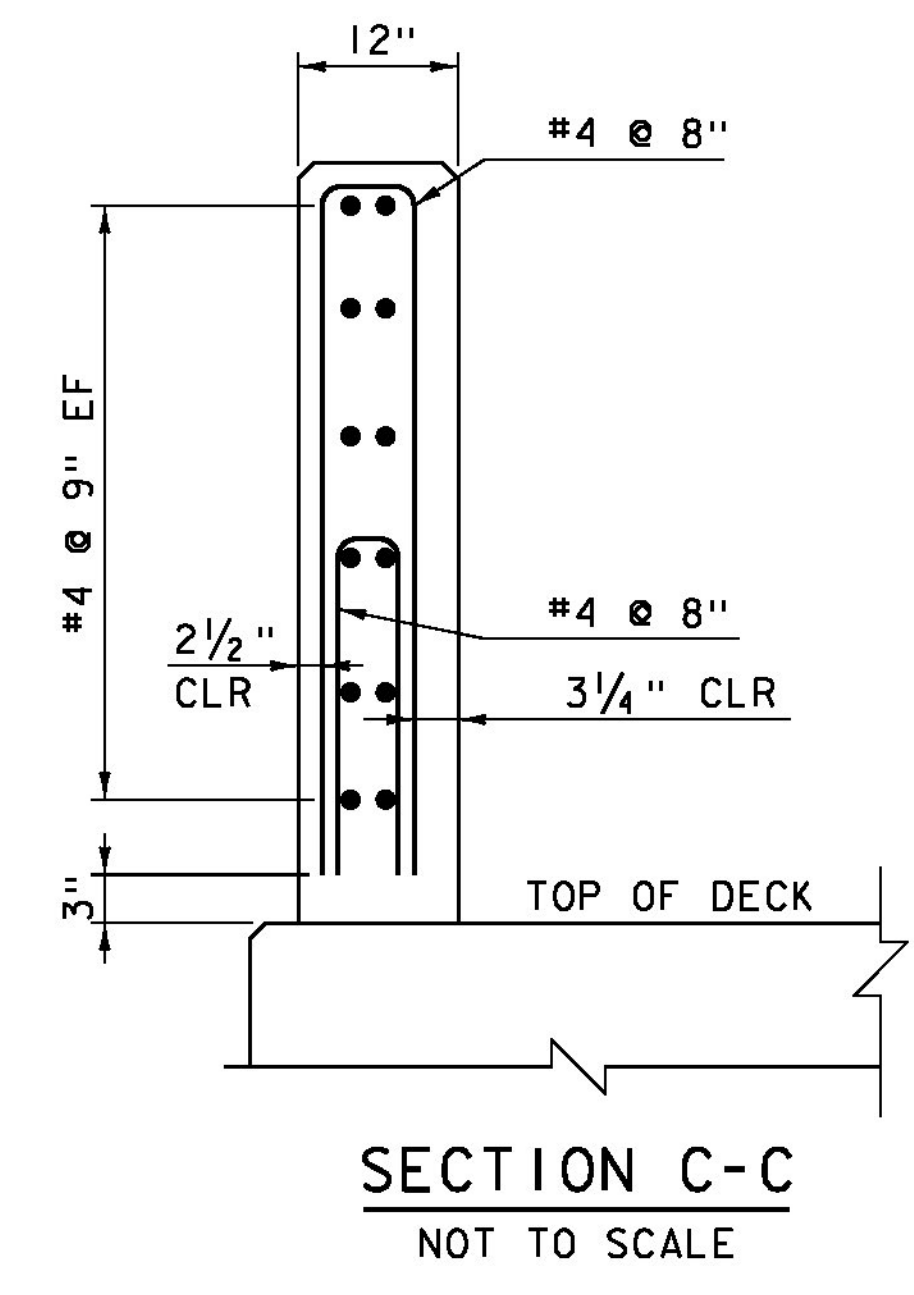
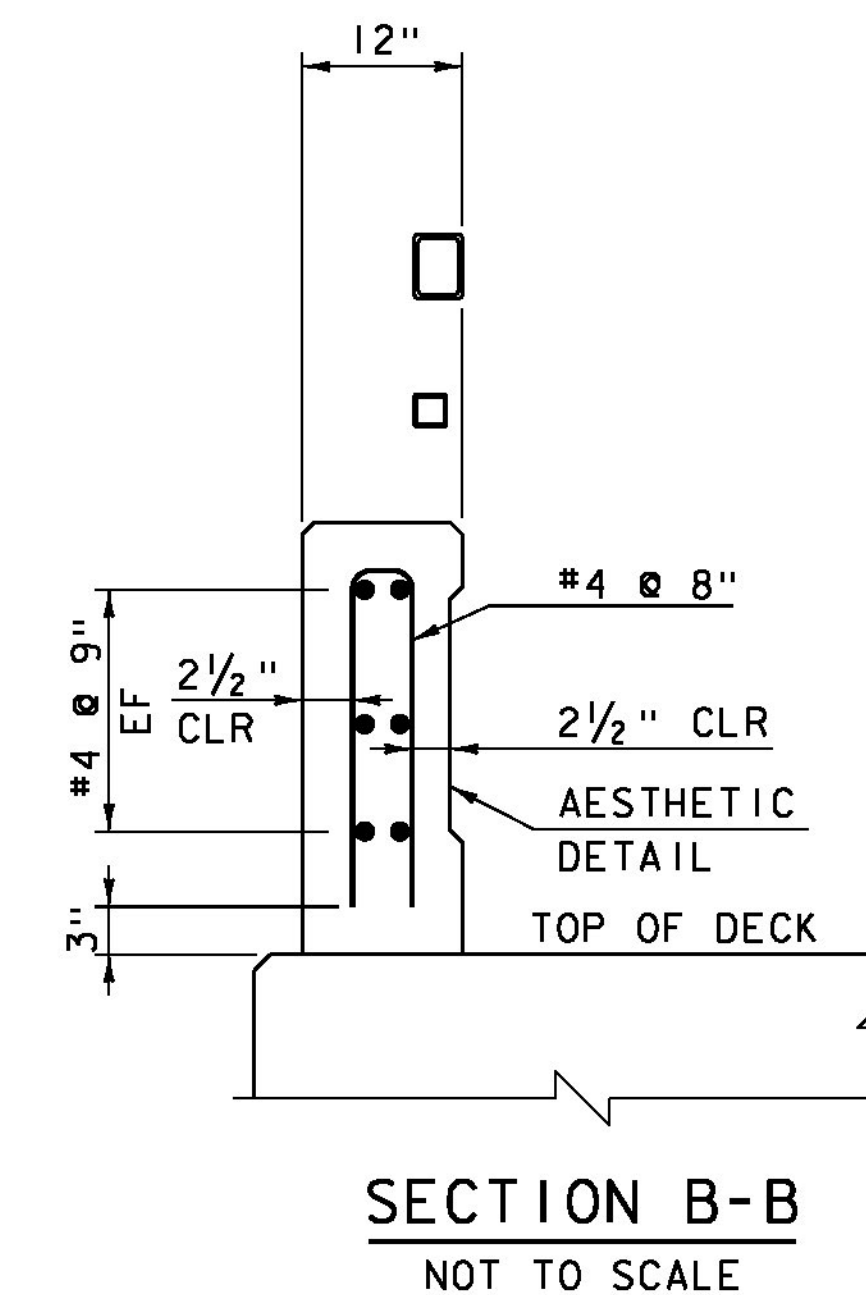
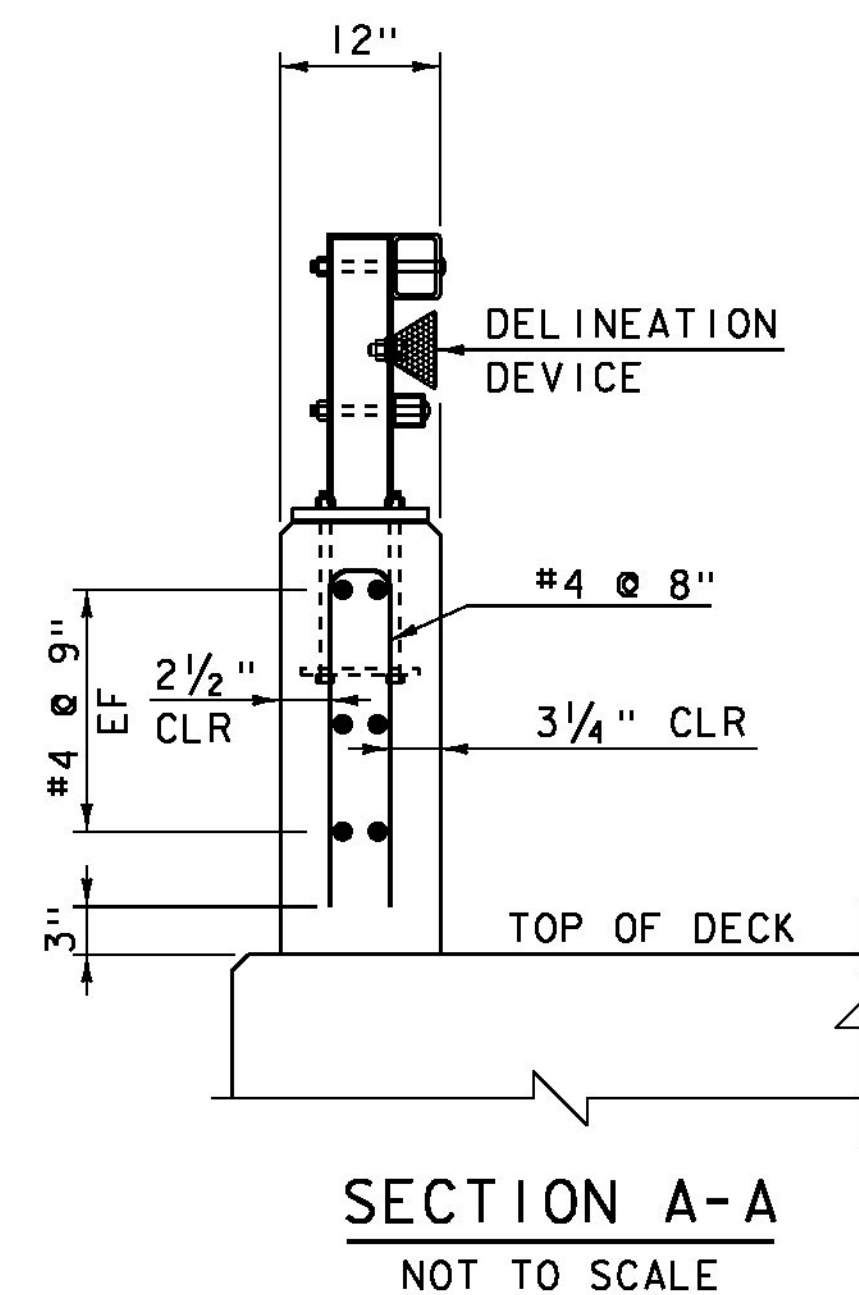
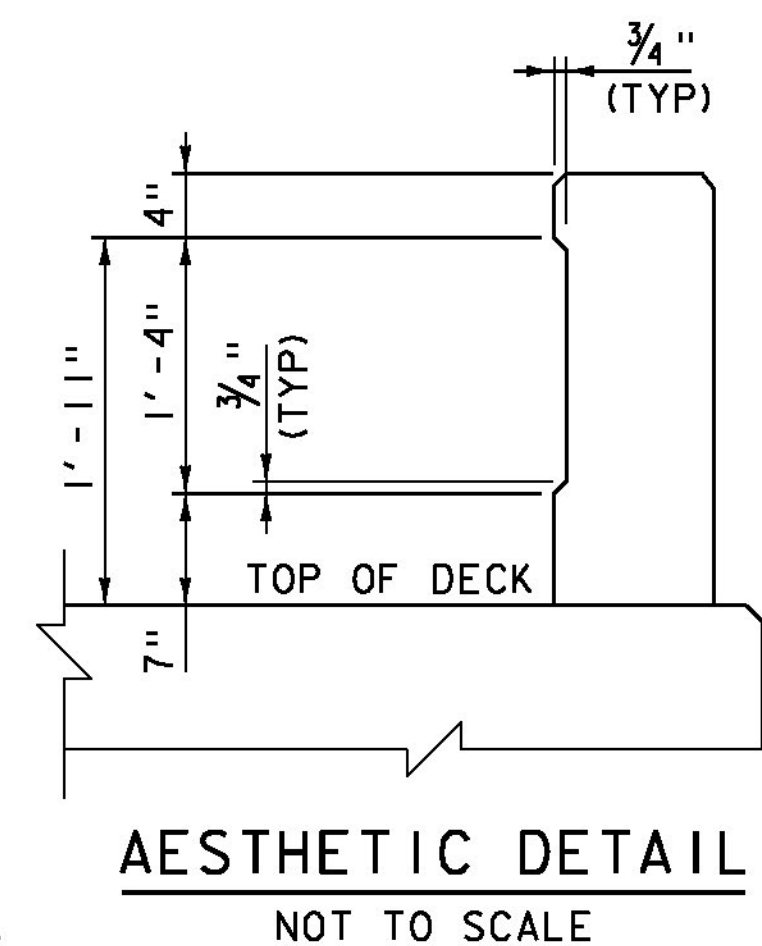


RAILING & END WALL APPROACH
NOT TO SCALE

NOTES:

1. ALL WORK AND MATERIALS SHALL CONFORM TO SECTION 525.
2. PRIOR TO GALVANIZING THE ASSEMBLED POST, GRIND ALL EDGES TO A MINIMUM RADIUS OF 1/16".
3. ALL POSTS SHALL BE SET NORMAL TO GRADE.
4. SECTIONS OF RAIL TUBE SHALL BE ATTACHED TO A MINIMUM OF TWO BRIDGE POSTS AND PREFERABLY TO AT LEAST 4 POSTS.
5. HOLES IN RAILS FOR TUBE ATTACHMENT MAY BE FIELD-DRILLED. HOLES SHALL BE COATED WITH AN APPROVED ZINC-RICH PAINT PRIOR TO INSTALLATION.
6. BOLTS SHALL BE TORQUED SNUG TIGHT (APPROXIMATELY 100 FT-LB).
7. RAIL TUBES SHALL BE ATTACHED USING 3/4" FULL DIAMETER BODY ASTM A 449 (TYPE I) ROUND HEAD BOLTS INSERTED THROUGH THE FACE OF THE TUBE.
8. SEE BOX BEAM DETAILS FOR DETAILS OF DELINEATORS. A DELINEATOR SHALL BE INSTALLED AT 30 FOOT SPACING OR THE NEAREST POST. WHITE IS TO BE INSTALLED ON THE DRIVER'S RIGHT. FOR ONE WAY BRIDGES YELLOW IS TO BE INSTALLED ON THE DRIVER'S LEFT. PAYMENT FOR THE BRIDGE RAIL DELINEATORS SHALL BE INCIDENTAL TO ITEM 525.45, "BRIDGE RAILING, GALVANIZED STEEL TUBING/CONCRETE COMBINATION."
9. BRIDGE RAILING SHALL HAVE A RUBBED FINISH IN ACCORDANCE WITH SECTION 501.
10. BRIDGE PLAQUE IS TO BE PLACED ON THE PARAPET OFF OF WINGWALL 2. A BRIDGE PLAQUE AS SHOWN IN SD-502.00 WILL NOT BE REQUIRED. THE BRIDGE PLAQUE WILL BE SUPPLIED BY THE AGENCY OF TRANSPORTATION AND WILL BE CONSIDERED INCIDENTAL TO PAY ITEM 525.45, "BRIDGE RAILING, GALVANIZED STEEL TUBING/CONCRETE COMBINATION."
11. BRIDGE PLAQUE TO HAVE A 3" BORDER FOR THE AESTHETIC DETAIL.



NOTE:
EF = EACH FACE
3" CLEAR, UNLESS OTHERWISE SPECIFIED ON THE PLANS.
2'-2" BAR LAP UNLESS OTHERWISE SPECIFIED ON THE PLANS.

SEE STANDARD S352-B AND S352-C FOR FURTHER DETAILS

PROJECT NAME: CLARENDON	PLOT DATE: 10-SEP-2015
PROJECT NUMBER: BRO 1443(48)	DRAWN BY: S. COLEY
FILE NAME: s12j160rallde+.dgn	CHECKED BY: G. LAROCHE
PROJECT LEADER: K. HIGGINS	SHEET 19 OF 59
DESIGNED BY: J. GRIGAS	
BRIDGE RAIL DETAILS	