REINFORCING STEEL BENDING DIAGRAM

ELEVATION VIEW
4" (IN) MAINTENANCE PAD ON SLOPES LEVEL TO 10% : 1V
NOTE: CONCRETE FOR 4" (IN) THICK PAD SHALL BE CLASS 3000

KEY NOTE
1. LIMITS OF PIGMENTED SEALER, TYPICAL FOR ALL RETAINING WALLS.

PLAN VIEW
12" (IN) MAINTENANCE PAD ON SLOPES STEEPER THAN 10% : 1V
NOTE: CONCRETE FOR 12" (IN) THICK PAD SHALL BE CLASS 4000
(GROUND RING NOT SHOWN FOR CLARITY)

NOTES
1. All material and workmanship shall be in accordance with the Standard Specifications.
2. The maintenance pad and retaining walls have been designed to meet the requirements of the AASHTO LRFD Bridge Design Specifications, 7th Edition, 2014.
3. Concrete for 12" (in) thick maintenance pad shall be class 4000. Concrete for 4" (in) thick maintenance pad shall be class 3000.
4. Height of wall varies to match slope of finished grade. Contractor shall field-determine wall height at each maintenance pad location and obtain approval from the Engineer prior to proceeding with construction.
5. All exposed corners shall have 3/4" (in) chamfers.
6. For grounding details not shown, see Standard Plan J-60.05.
7. Where concrete cover (clear) thickness is not shown, the clear distance from the face of the concrete to the face of any reinforcing steel shall be as follows: 3" (in) for bottom of maintenance pad, 2" (in) for top of maintenance pad, and 1 1/2" (in) at all other locations.
8. Falsework shall be carefully released to prevent impact or undue stress on the structure.
9. See Contract Plans for number, type, and location of conduits and conductors.
10. Contractor shall orient the maintenance pad to align with the direction of natural grade as shown. Engineer's approval of maintenance pad slope and orientation required prior to proceeding with construction.
11. Use 4" (in) Maintenance Pad on level ground or slopes not exceeding 10% : 1V. Use 12" (in) Maintenance Pad on slopes steeper than 10% : 1V. Slopes steeper than 2% : 1V shall require a special design.

NOTE
WHEN THE MAINTENANCE PAD ABBUTS ASPHALT OR CONCRETE, THE CONTRACTOR SHALL MODIFY THE FINISHED GRADE 1" (MINIMUM) TO 2" (MAXIMUM).