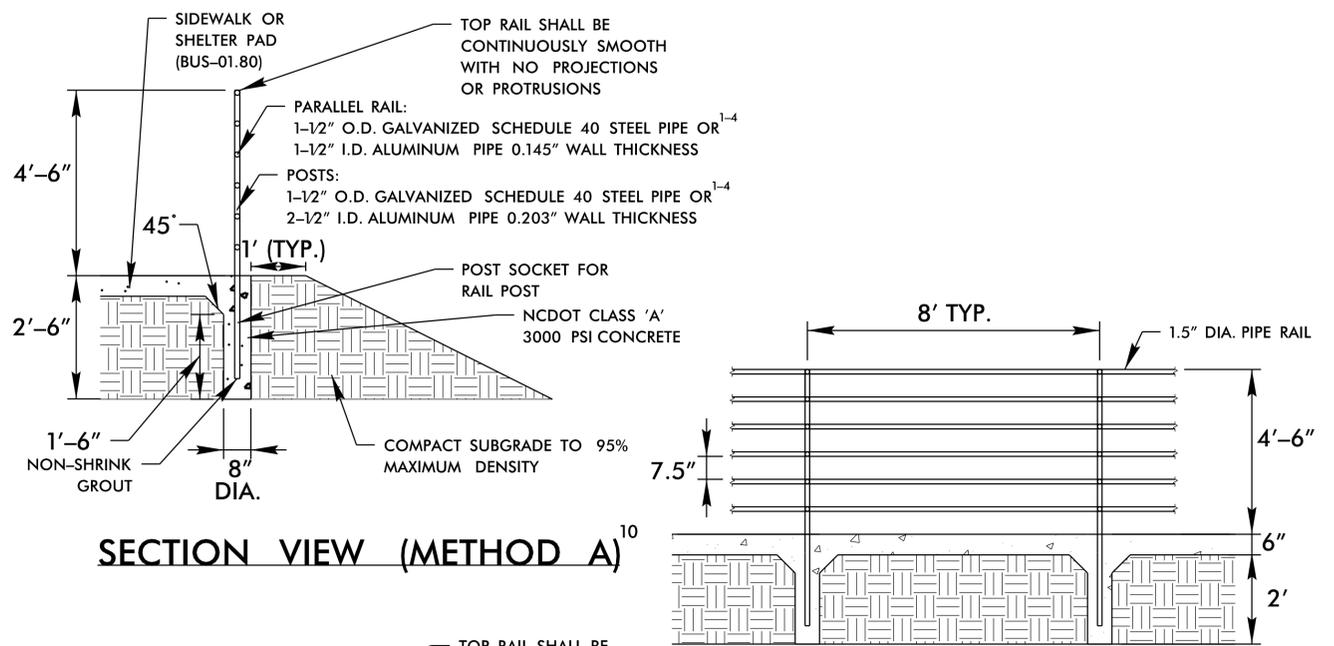
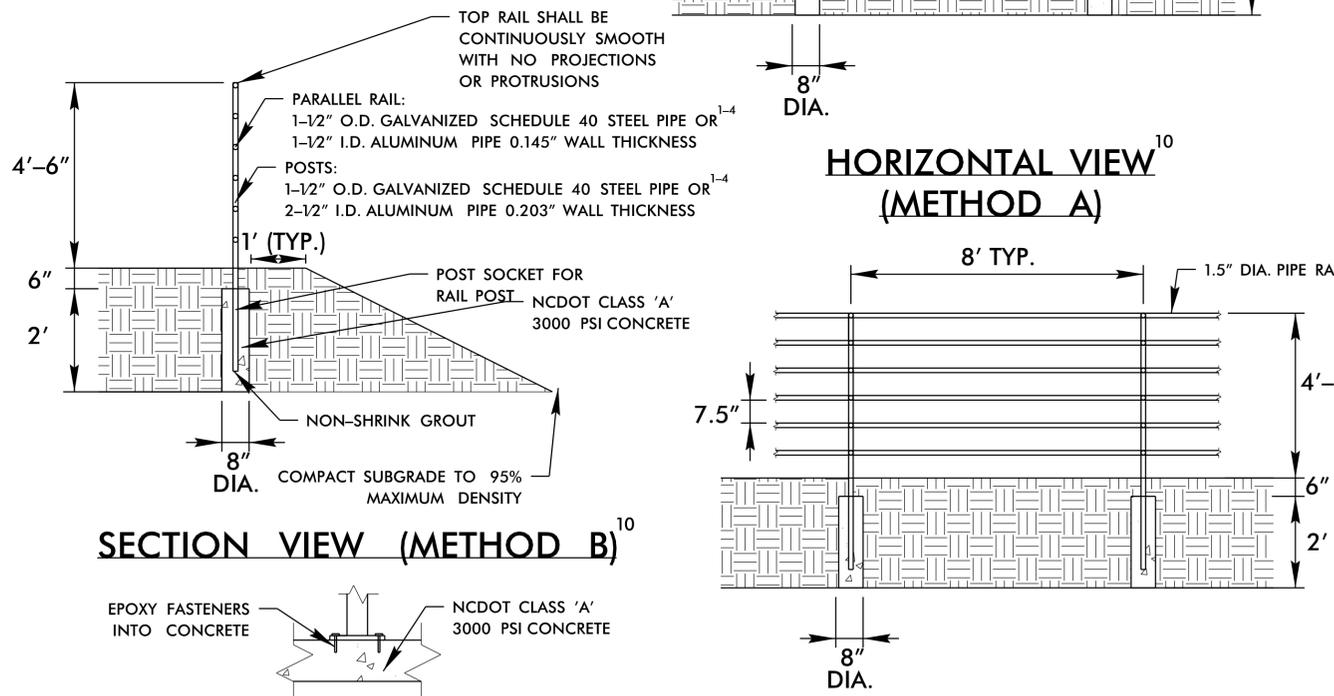


PEDESTRIAN SAFETY RAIL



SECTION VIEW (METHOD A)¹⁰



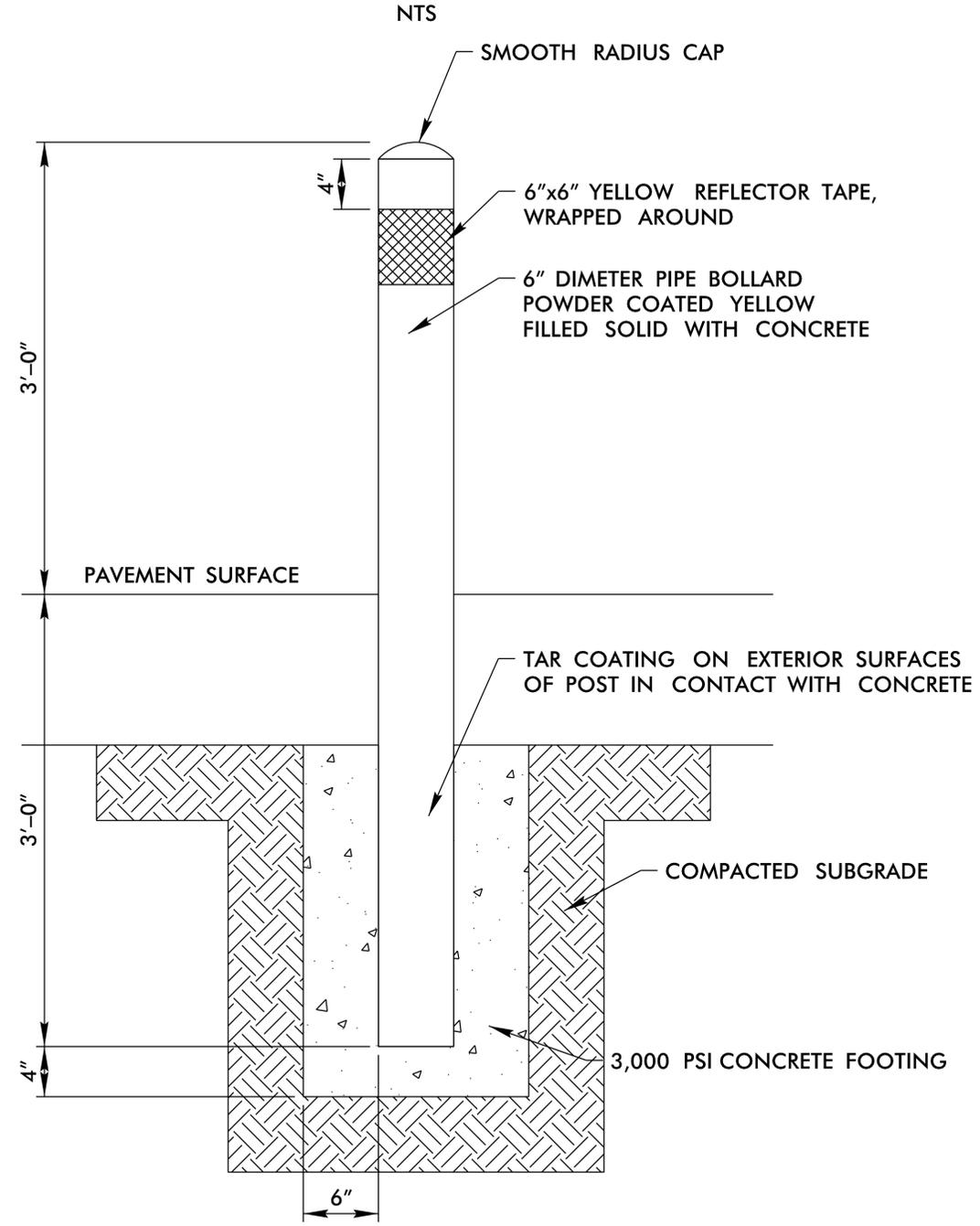
SECTION VIEW (METHOD B)¹⁰

HORIZONTAL VIEW (METHOD A)

ALUMINUM POST MOUNT (METHOD C) HORIZONTAL VIEW (METHOD B)

- NOTES:
1. CONSTRUCT PROPOSED STEEL PIPE RAIL OF 1.5" DIAMETER SCHEDULE 40 PLAIN END GALVANIZED STEEL PIPE MEETING REQUIREMENTS OF ASTM A53.
 2. REPAIR GALVANIZING IN ACCORDANCE WITH SECTION 1076 OF THE NCDOT STANDARD SPECIFICATIONS.
 3. PAINT, IF REQUIRED BY ENGINEER, IN ACCORDANCE WITH SECTION 1080 OF THE NCDOT SPECIFICATIONS.
 4. WELD IN ACCORDANCE WITH ARTICLE 1072-18 OF THE NCDOT STANDARD SPECIFICATIONS.
 5. GOTRIANGLE WILL BE REQUIRED TO PERFORM A SAFETY AND SECURITY REVIEW FOR ALL BUS STOP LOCATIONS. CONTACT GOTRIANGLE'S PLANNING & CAPITAL DEVELOPMENT STAFF AT 919-314-8746 TO SCHEDULE A REVIEW.
 6. SHOP DRAWINGS OF PEDESTRIAN SAFETY RAIL ARE TO BE PROVIDED TO GOTRIANGLE FOR REVIEW PRIOR TO APPROVAL.
 7. EARTH SLOPES STEEPER THAN 2:1 ADJACENT TO TRANSIT PASSENGER AREAS ARE NOT RECOMMENDED AND WOULD REQUIRE SUPPORTING CALCULATIONS AND APPROVAL BY GOTRIANGLE.
 8. PLACEMENT OF SAFETY RAIL IN RELATION TO SHOULDER BREAK POINT AND SIDEWALK MAY BE MODIFIED AS DIRECTED BY THE ENGINEER.
 9. EXCEPTIONS TO THE REQUIREMENTS STATED MAY BE CONSIDERED ON A CASE-BY-CASE BASIS WITH DOCUMENTATION BY THE ENGINEER AND APPROVAL BY GOTRIANGLE.
 10. PREFERRED METHOD OF INSTALLATION IS TO BE DETERMINED BY GOTRIANGLE.

STEEL BOLLARD



- NOTES:
1. ENSURE 1' CLEAR SPACE BETWEEN EDGE OF BOLLARD AND ANY PROPOSED AMENITY.



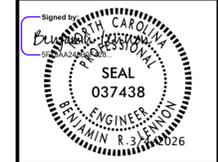
CITY OF DURHAM
GODURHAM BUS STOPS
DETAILS

REVISIONS	DATE	BY	DESCRIPTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DATE: 03/04/2026
DESIGNED BY: EHA
CHECKED BY: BRL

NOT TO SCALE



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