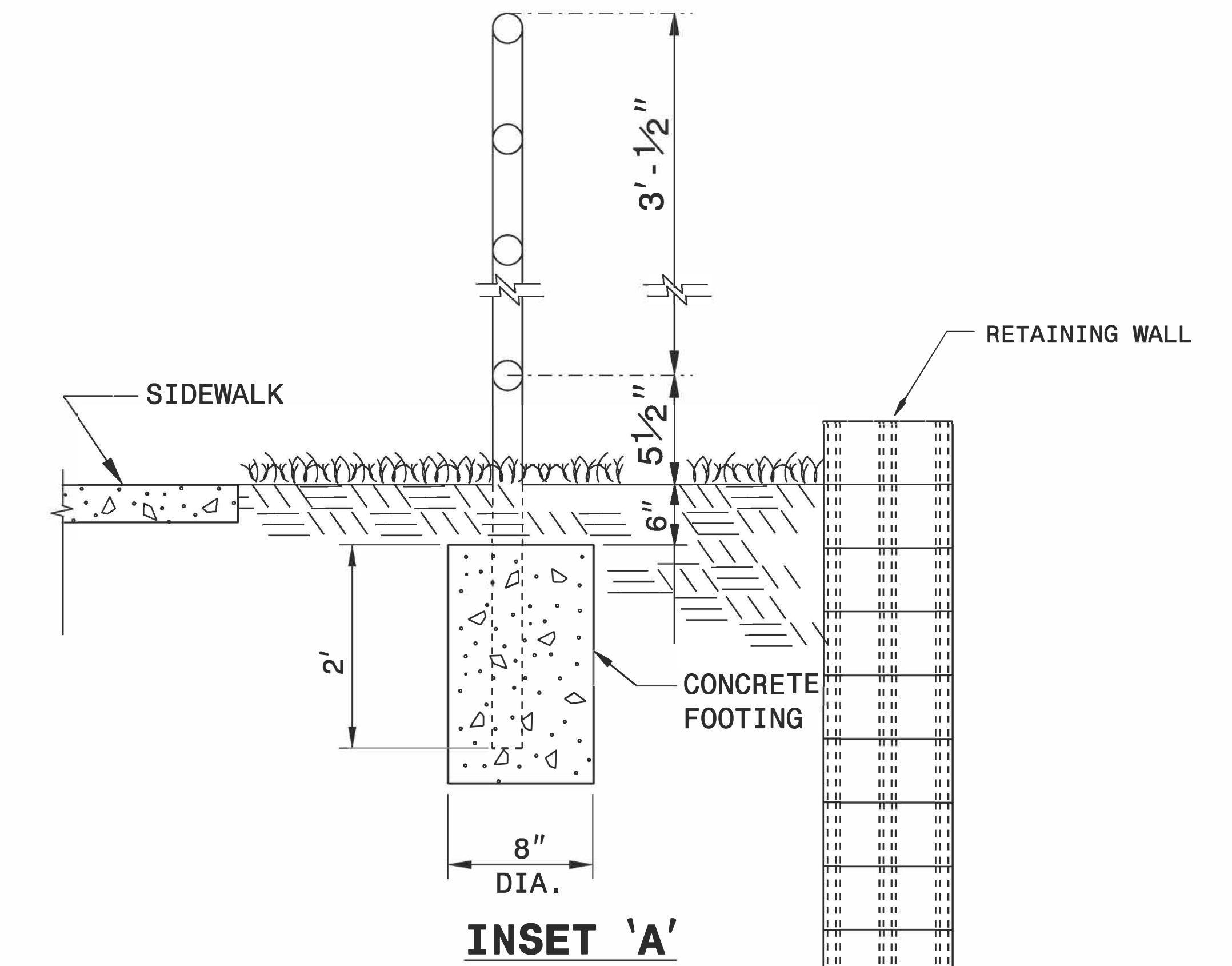


**ELEVATION OF HANDRAIL**

**NOTES:**

- CONSTRUCT PROPOSED STEEL PIPE RAIL OF 1 1/2" DIAMETER SCHEDULE 40 PLAIN END GALVANIZED STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A53.
- REPAIR GALVANIZING IN ACCORDANCE WITH SECTION 1076 OF THE NCDOT STANDARD SPECIFICATIONS.
- PAINT, IF REQUIRED BY THE ENGINEER, IN ACCORDANCE WITH SECTION 1080 OF THE STANDARD SPECIFICATIONS.
- WELD IN ACCORDANCE WITH ARTICLE 1072-18 OF THE STANDARD SPECIFICATIONS.
- USE CLASS 'B' CONCRETE FOR HANDRAIL FOOTINGS.
- PLACEMENT OF HANDRAIL IN RELATION TO RETAINING WALL AND SIDEWALK MAY BE MODIFIED AS DIRECTED BY THE ENGINEER.



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS  
AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**PROPOSED PEDESTRIAN  
SAFETY RAIL**

ORIGINAL BY: E.E. WARD DATE: 12-99  
 MODIFIED BY: DATE:  
 CHECKED BY: DATE:  
 FILE SPEC.: jhowerton/handrail adjacent to sidewalk.dgn

I3-AUG-2018 07:40 S:\Contracts\Special Details\Howerton\Handrail Adjacent to Sidewalk.dgn jhowerton AT USD-292595