

STANDARD SPECIFICATIONS. CONSTRUCTION. DESIGN RETAINING WALL NO.4 FOR THE FOLLOWING: 1) H = DESIGN HEIGHT + EMBEDMENT

NOTES:

2) DESIGN LIFE = 75 YEARS 3) MINIMUM EMBEDMENT = 1 FT 4) IN-SITU ASSUMED MATERIAL PARAMETERS: UNIT WEIGHT,  $\gamma$  = 120 PCF FRICTION ANGLE,  $\phi$  = 30 DEGREES COHESION, c = 0 PSF

FOUNDATIONS FOR SIGNS, LIGHTING, OR SIGNALS MAY BE LOCATED BEHIND RETAINING WALL NO. 4 AND MAY INTERFERE WITH SOIL NAILS. SUBMIT PROPOSED CONSTRUCTION METHODS FOR THESE FOUNDATIONS WITH THE SOIL NAIL WALL CONSTRUCTION PLAN.

EXISTING OR FUTURE OBSTRUCTIONS SUCH AS FOUNDATIONS,GUARDRAIL,FENCE OR HANDRAIL POSTS, PAVEMENTS,PIPES,INLETS OR UTILITIES MAY INTERFERE WITH SOIL NAILS FOR RETAINING WALL NO.4.





FOR SOIL NAIL RETAINING WALLS, SEE SOIL NAIL RETAINING WALLS PROVISION. FOR SINGLE FACED PRECAST CONCRETE BARRIER, SEE ROADWAY PLANS AND SECTION 857 OF THE

AN ARCHITECTURAL FINISH IS REQUIRED FOR THE CIP REINFORCED CONCRETE FACE FOR RETAINING WALL NO. 4. SEE ARCHITECTURAL CONCRETE SURFACE TREATEMENT SPECIAL PROVISION. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COLOR APPLICATION ARTIST AS NEEDED FOR THE PROJECT. SEE ARCHITECTURAL CONCRETE SURFACE TREATMENT SPECIAL PROVISION. BEFORE BEGINNING SOIL NAIL WALL DESIGN FOR RETAINING WALL NO.4, SURVEY WALL LOCATION AND SUBMIT A REVISED WALL PROFILE VIEW (WALL ENVELOPE)FOR REVIEW. DO NOT START WALL DESIGN OR CONSTRUCTION UNTIL THE REVISED WALL ENVELOPE IS ACCEPTED.

PERFORM GRADING BEHIND THE TOP OF WALL AND FILL PLACEMENT BEFORE BEGINNING WALL

PROJECT NO.: R-5737

	DAVIDSON COUNTY				
	STATION:L- 75+78 TO -L- 80+00 LT				
SHEET 2 OF 2					
NORTH CAROLINA ENT OF TRANSPORTATION ISION OF HIGHWAYS	RETAINING WALL NO. 4 DETAIL US 29/US 70/BUSINESS 85 AT SR 1798 (OLD GREENSBORO R				_S D)
EOTECHNICAL	REVISIONS				
INEERING UNIT	NO. BY	DATE N	NO. BY	DATE	NO.
	2		3 4		W-12