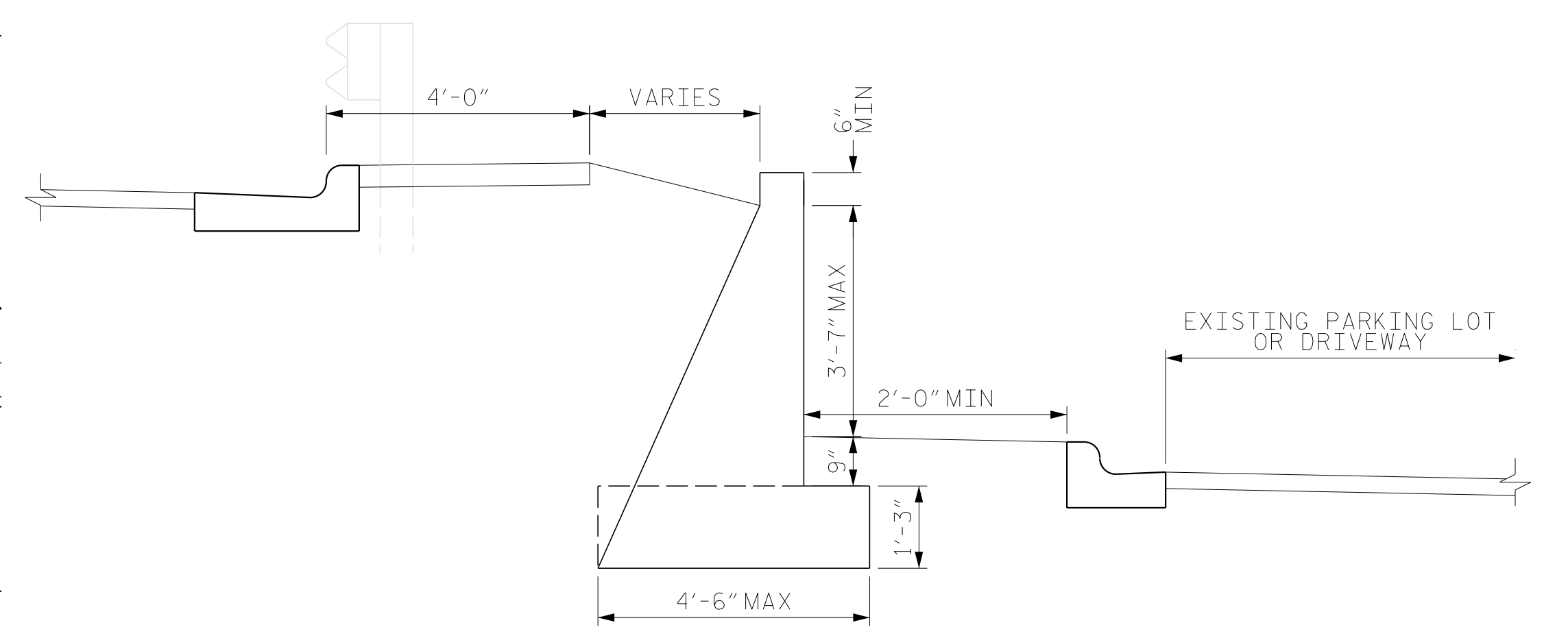


PLAN VIEW



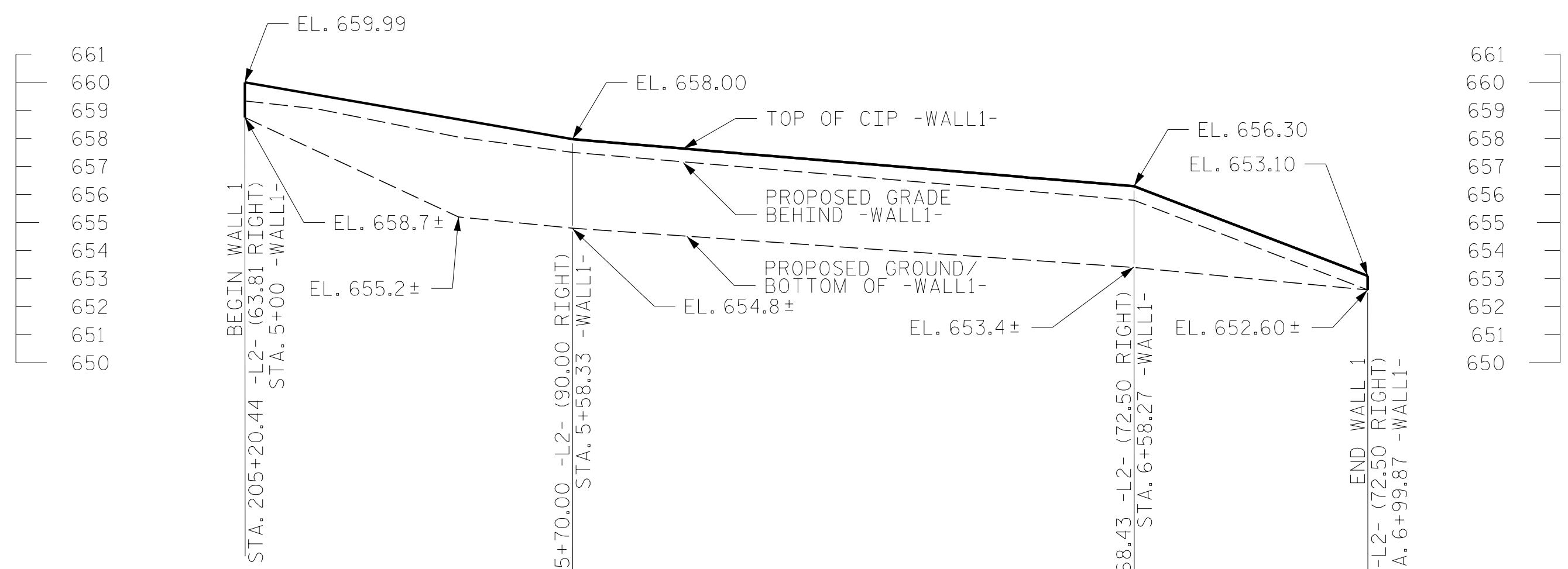
TYPICAL SECTION

ESTIMATED WALL QUANTITY	
RETAINING WALL NUMBER	CAST IN PLACE GRAVITY RETAINING WALL (SF)
WALL 1	535

\* QUANTITY DETERMINED BY THE EXPOSED FACE AREA OF THE RETAINING WALL

NOTES:

- ALLOWABLE BEARING PRESSURE = 2,000 PSF
- ASSUMED UNIT WEIGHT = 110 PCF
- ALL WALL STATIONS AND OFFSETS ARE AT THE BACK FACE OF THE WALL
- BEFORE BEGINNING RETAINING WALL DESIGN, SURVEY ALL EXISTING GROUND ELEVATIONS SHOWN ON THE PLANS AND SUBMIT A REVISED WALL ENVELOPE FOR THE REVIEW. DO NOT BEGIN WALL DESIGN OR CONSTRUCTION UNTIL THIS ENVELOPE HAS BEEN APPROVED.



WALL ENVELOPE  
SCALED VERTICALLY 5:1  
SCALED HORIZONTALLY 1:1

PROJECT NO. W-5520  
UNION COUNTY  
STATION: 205+20.44 -L2-  
5+00.00 -WALL1-

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**DRMP**  
5950 FAIRVIEW ROAD, SUITE 320  
CHARLOTTE, NC 28210  
(704) 332-2289  
NC LICENSE NO. C-2213

Professional Engineer Seal: Robert A. Alonso, No. 042261, Exp. 12/2/2017

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**CIP CONCRETE RETAINING WALL**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	W-1
1			3			TOTAL SHEETS
2			4			

DRAWN BY : N. WRIGHT DATE : 06/15/16  
CHECKED BY : R. ALONSO DATE : 06/15/16  
DESIGN ENGINEER OF RECORD: R. ALONSO DATE : 06/15/16