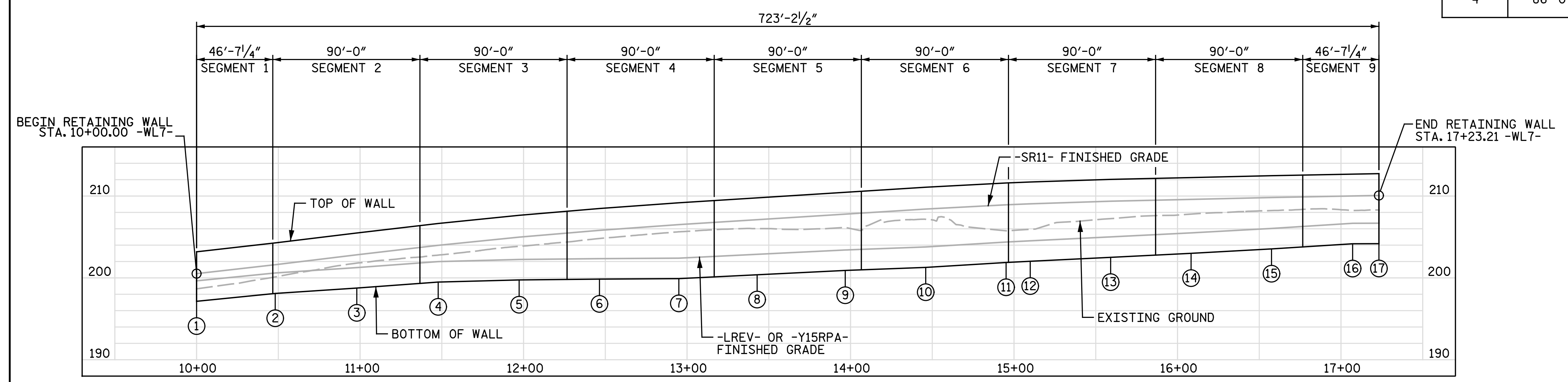


RETAINING WALL PLAN

**NOTES:**  
 ALL ELEVATIONS ARE IN FEET.  
 THE RETAINING WALL HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.  
 THE RETAINING WALL HAS BEEN DESIGNED FOR A NOMINAL BEARING RESISTANCE OF 4.6 KSF.  
 THE RETAINING WALL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 453 OF THE STANDARD SPECIFICATIONS.  
 FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.  
 FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.  
 FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.  
 FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

WALL SECTION	SECTION LENGTH	HORIZONTAL ALIGNMENT	FROM	TO
1	78'-8 5/16"	TANGENT	BEGIN RETAINING WALL	TS STA. 10+63.54 -Y15RPA- (25'-9 3/16" RT.)
2	214'-3 1/8"	CURVED TO RT. R = 3,180.60'	TS STA. 10+63.54 -Y15RPA- (25'-9 3/16" RT.)	SC STA. 12+79.54 -Y15RPA- (25'-9 3/16" RT.)
3	344'-1 13/16"	CURVED TO RT. R = 1,574.23'	SC STA. 12+79.54 -Y15RPA- (25'-9 3/16" RT.)	PCC STA. 13+67.38 -SR11- (17'-2 13/16" RT.)
4	86'-0 5/8"	CURVED TO RT. R = 317.23'	PCC STA. 13+67.38 -SR11- (17'-2 13/16" RT.)	END RETAINING WALL

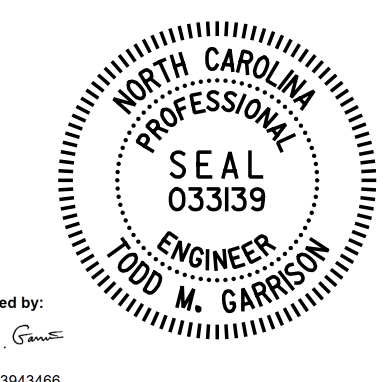


RETAINING WALL ELEVATION

BOTTOM OF WALL ELEVATIONS ARE TAKEN AT TOP OF FOOTING.  
 FOR BOTTOM OF WALL, -LREV- OR -Y15RPA- FINISHED GRADE, -SR11- FINISHED GRADE, AND TOP OF WALL ELEVATIONS AT VARIOUS POINTS ALONG THE WALL, SEE WALL ELEVATIONS TABLE ON "WALL DETAILS" SHEET.

BILL OF MATERIAL	
CIP GRAVITY RETAINING WALL	6,180 SF

PROJECT NO. I-5878  
 HARNETT COUNTY  
 STATION: 10+00.00 -WL7-



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 WALL LAYOUT  
 FOR RETAINING WALL -WL7-  
 BETWEEN -Y15RPA- AND -SR11-

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

<b>Michael Baker INTERNATIONAL</b> Michael Baker Engineering 8000 Regency Parkway, Suite 600 Cary, North Carolina 27518 NC License No.: F-1084	REVISIONS				SHEET NO. W-19 TOTAL SHEETS 28	
	NO.	BY:	DATE:	NO.		BY:
	1			3		
	2			4		

DRAWN BY: M. D. MAYHEW DATE: 2-9-21  
 CHECKED BY: J. M. GARRISON DATE: 3-18-21