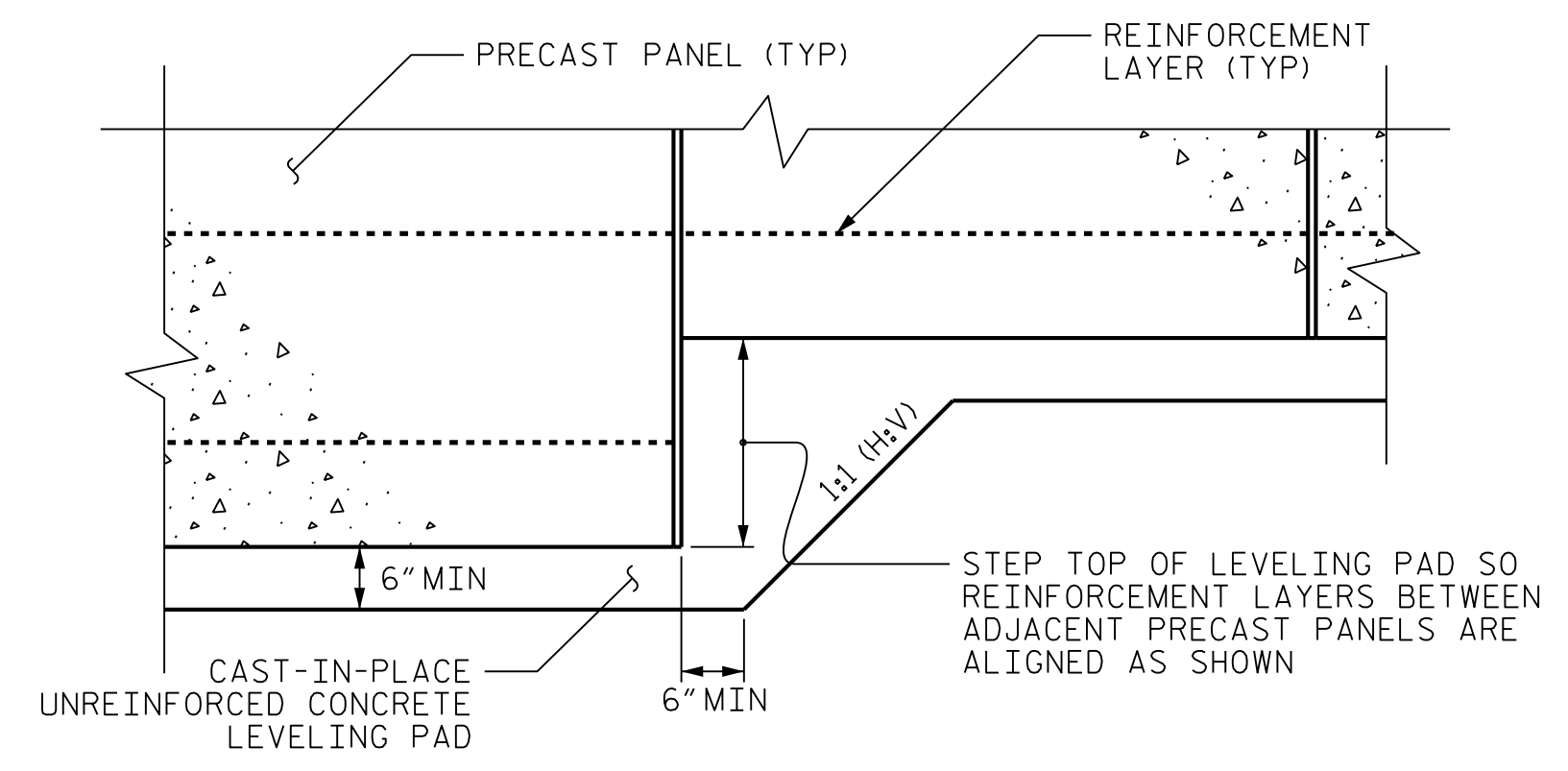
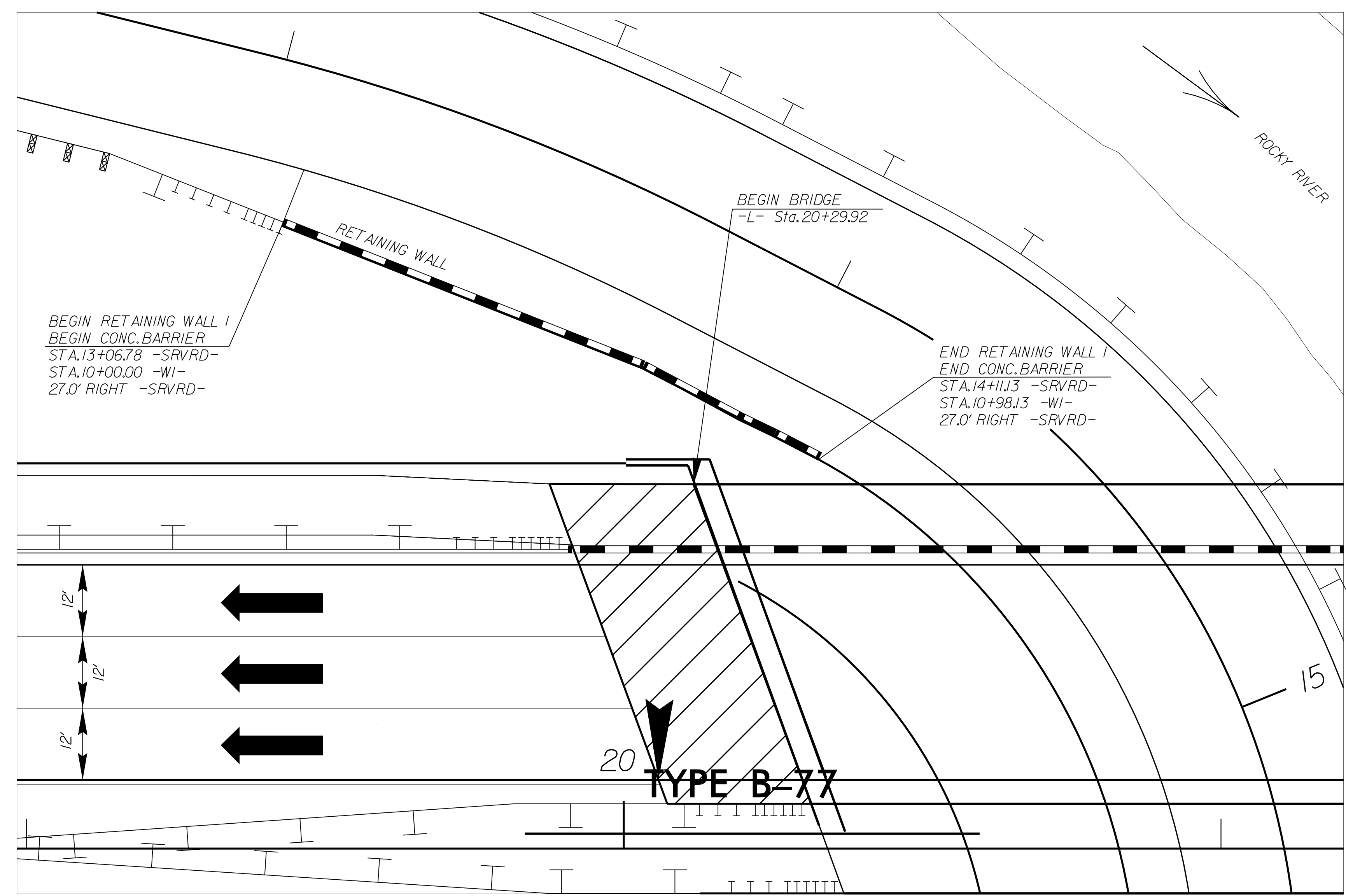


ENGINEER

Michael H. Stephens
1/19/2016

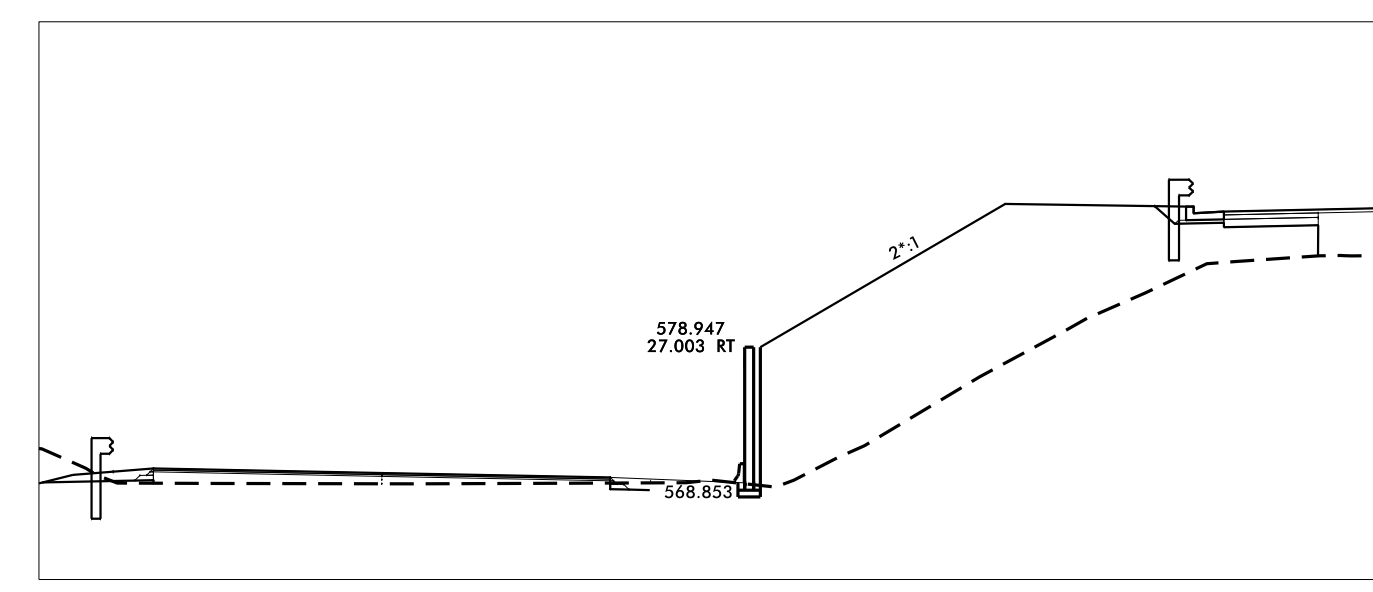
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



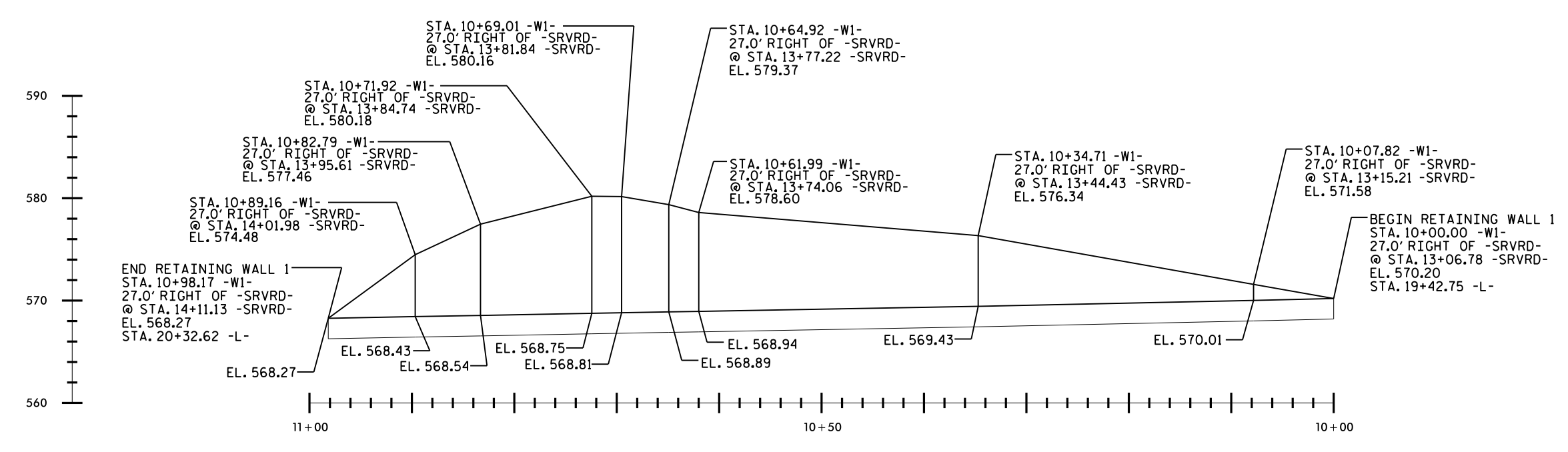
PRECAST CONCRETE PANELS
LEVELING PAD STEP DETAILS

RETAINING WALL ELEVATIONS						
-SRVRD- STA	OFFSET FROM C (RIGHT)	ELEV @ TOP OF WALL	* PROPOSED FINISHED GRADE	ELEV. AT EMBEDMENT DEPTH	* EXPOSED WALL HEIGHT	** DESIGN WALL HEIGHT "H"
13+06.78	27.0' -SRVRD-	570.20	570.20	568.20	0.00	2.00
13+15.21	27.0' -SRVRD-	571.58	570.01	568.01	1.57	2.00
13+44.43	27.0' -SRVRD-	576.34	569.43	567.43	6.91	2.00
13+74.06	27.0' -SRVRD-	578.05	568.94	566.94	9.11	2.00
13+77.22	27.0' -SRVRD-	578.61	568.89	566.89	9.72	2.00
13+81.84	27.0' -SRVRD-	579.07	568.81	566.81	10.26	2.00
13+84.74	27.0' -SRVRD-	578.89	568.75	566.75	10.14	2.00
13+95.61	27.0' -SRVRD-	575.47	568.54	566.54	6.93	2.00
14+01.98	27.0' -SRVRD-	572.03	568.43	566.43	3.60	2.00
14+11.13	27.0' -SRVRD-	568.27	568.27	566.27	0.00	2.00

* ELEVATION @ PROPOSED FINISHED GRADE AND EXPOSED WALL HEIGHT DO NOT INCLUDE EMBEDMENT DEPTH.
** FOR DESIGN WALL HEIGHT "H" AND ADDITIONAL CONSTRUCTION DETAILS, SEE SHEET 2 OF 2



TYPICAL SECTION
* WALL PERMANENT SLOPES ABOVE RETAINING WALL NO. 1 WILL BE CONSTRUCTED AT 2 HORIZ. TO 1 VERT. OR FLATTER SLOPE. TEMPORARY SLOPES DURING CONSTRUCTION WILL BE CONSTRUCTED AT 1.5 HORIZ. TO 1 VERT. OR FLATTER SLOPE.



WALL ENVELOPE

ESTIMATED WALL QUANTITY	
RETAINING WALL	* 840 SQUARE FEET

* WALL AREA IS MEASURED USING THE WALL HEIGHT "H"

PROJECT NO.: 42265.1.1 (B-5123)
CABARRUS COUNTY
STATION: 21+44.10 -L-
SHEET 1 OF 2

**NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**GEOTECHNICAL
ENGINEERING UNIT**

MSE RETAINING WALL NO. 1 WALL AT BRIDGE NO. 19 END BENT NO. 1					
REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		

PREPARED BY: MHS DATE: 1/14/16
REVIEWED BY: SCC DATE: 1/14/16

SHEET NO.
W1