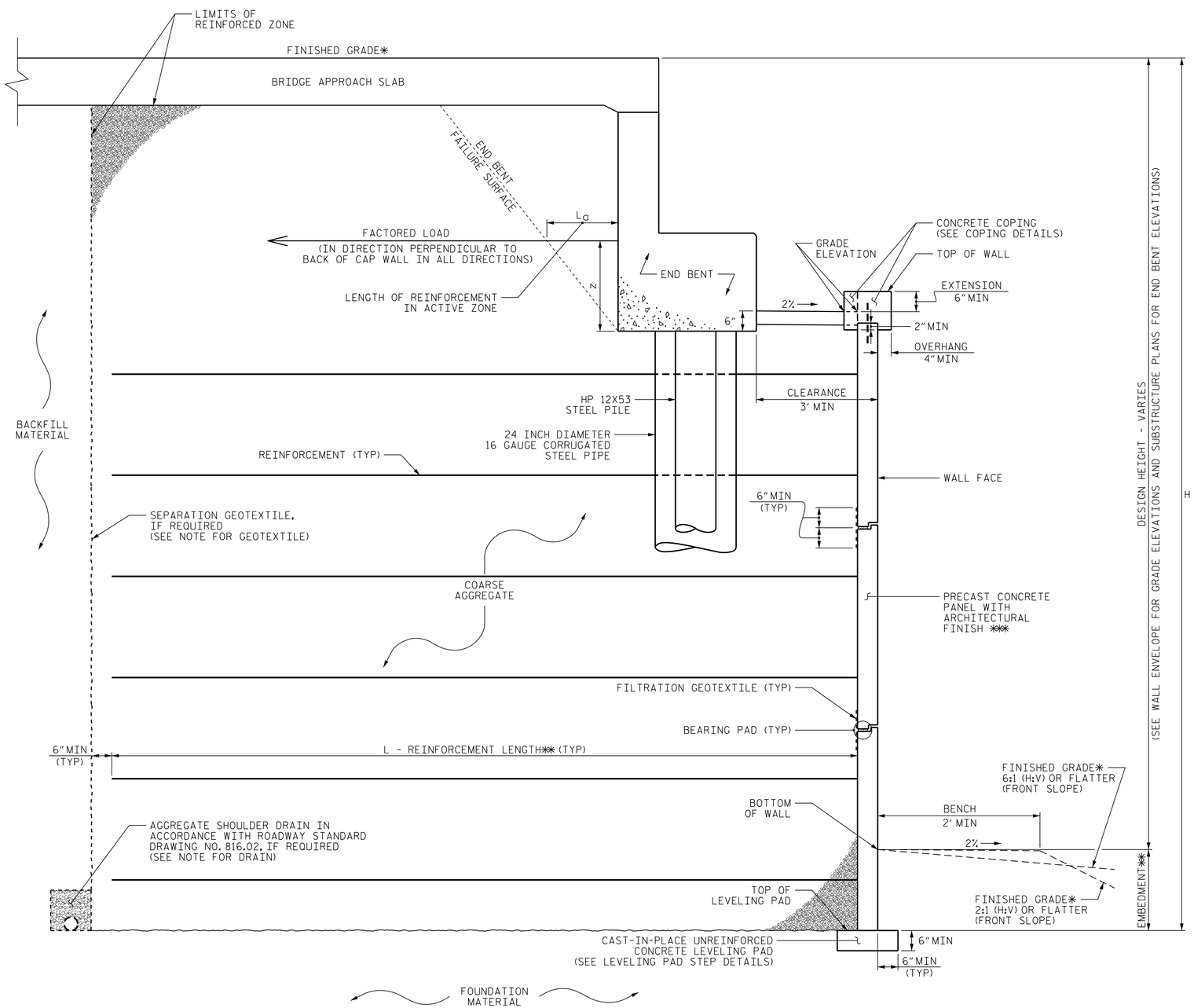
GEOTECHNICAL ENGINEER	ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 032171 ENGINEER JINYOUNG PARK DocuSigned by: A710DB0C8C8E4DE 9/25/2015	
SIGNATURE DATE	SIGNATURE DATE

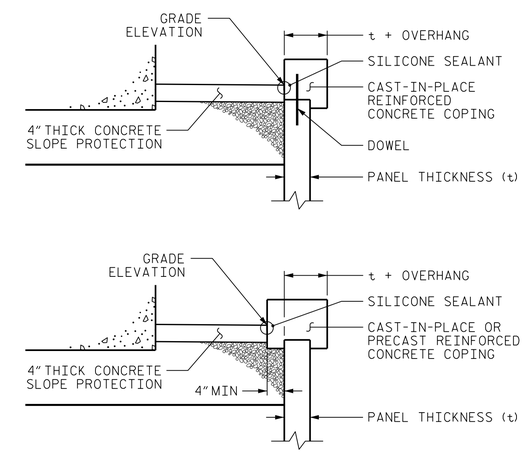


MSE ABUTMENT WALL WITH PRECAST PANELS - TYPICAL SECTION

*SEE ROADWAY PLANS FOR FINISHED GRADE DETAILS.
**SEE MSE RETAINING WALLS PROVISION.
***SEE CONCRETE SURFACE TREATMENT FOR ARCHITECTURAL FINISH SPECIAL PROVISION

RW2, -Y4- STA. 13+57.51 (41.34' RT) TO -Y4- STA. 15+19.34 (41.34' RT)
RW3, -Y4- STA. 14+51.80 (57.52' LT) TO -Y4- STA. 16+17.12 (57.52' LT)
RW4, -Y6- STA. 11+92.11 (41.27' RT) TO -Y6- STA. 12+98.36 (41.27' RT)
RW5, -Y7- STA. 12+06.51 (41.03' LT) TO -Y7- STA. 13+20.00 (41.03' LT)

FACTORED LOAD AND LOCATION OF STRAP LOAD			
STATION	BENT NO.	FACTORED LOAD (KIPS/FT)	Z (FT)
-L- 28+89.67	END BENT 1	3.17	4.17
-L- 30+46.17	END BENT 2	3.10	4.17
-L- 34+43.06	END BENT 1	2.03	3.61
-L- 35+72.31	END BENT 2	2.07	3.57



COPING DETAILS

AT THE CONTRACTOR'S OPTION, CONNECT COPING TO PANELS WITH DOWELS OR EXTEND COPING DOWN BACK OF PANELS.

PROJECT NO.: B-4490 (33727.1.1)
CUMBERLAND COUNTY
STATION: SEE WALL NO. 2 TO NO. 5
SHEET 7 OF 11

PREPARED BY: J. PARK	DATE: 09 / 2015
REVIEWED BY: J. BATTS	DATE: 09 / 2015

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

MSE RETAINING WALL DETAILS

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	
1	-	-	3	-	-	W-7
2	-	-	4	-	-	