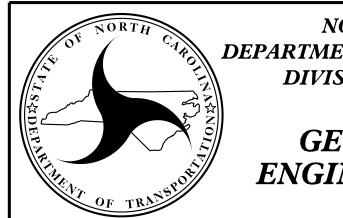


DETAIL "A"

H (FT)	3 - < 6	6 - 9	> 9 - 12	
SLOPE CASE	.66	.75*		
NO SLOPE CASE WITH TRAFFIC SURCHARGE	.80	.75*	.70*	
NO SLOPE CASE WITHOUT TRAFFIC SURCHARGE	.60	.60	.60	

B/H RATIO (B = 2'-6'' MIN)

*KEY IS REQUIRED FOR "SLOPE CASE" OR "NO SLOPE CASE WITH TRAFFIC SURCHARGE" WHEN H IS 6' OR GREATER.



TOP OF	GEOTECHNICAL ENGINEER	ENGINEER
WALL WALL	PESSION THE	
	SEAL 29869	
SIMULATED STONE	Bouisilyred by: CVATT	
FINISH	Share C. Clark 1F4E87E6D6AD4EA 8/21/2015	
	SIGNATURE DATE	SIGNATURE DATE
B + 4"		
SIMULATED STONE DRM LINER FINISH		
(WHEN APPLICABLE)	-	
NOTES: for standard cast-in-place (c	TPLOPANTTY PETATNING WALL	S SEE
CAST-IN-PLACE GRAVITY RETAIN	ING WALLS PROVISION.	
FOR SUBSURFACE DRAINAGE AT WI The standard specifications.		
STANDARD CIP GRAVITY WALLS A Assumed soil parameters: unit weight,γ = 120 lb/cf		IN-SITU
FRICTION ANGLE,φ = 35 DEGRE (GROUNDWATER WITHIN 7΄ FRICTION ANGLE,φ = 30 DEGRE	OF BOTTOM OF FOOTING)	
	7'BELOW BOTTOM OF FOOTIN	NG)
DO NOT USE STANDARD CIP GRAV Parameters are not applicabli of footing.		
DO NOT USE STANDARD CIP GRAV Soil or Muck is below walls.	ITY WALLS WHEN VERY LOOSE	OR SOFT
BEFORE BEGINNING STANDARD CIF SURVEY WALL LOCATIONS AND SU ENVELOPES)FOR REVIEW. FOR WAL	BMIT WALL PROFILE VIEWS ()	WALL
WALL,EXISTING GROUND AND GRA Elevations as needed at inter	DE ELEVATIONS AND OTHER RVALS OF 25' OR LESS ALONG	WALLS.
DO NOT START WALL CONSTRUCTI ACCEPTED.		
FOR BRICK VENEERS, SUBMIT BRID BEGINNING STANDARD CIP GRAVI	TY WALL CONSTRUCTION.	
DO NOT PLACE CONCRETE FOR FOO AND FOUNDATION MATERIAL ARE	APPROVED.	IMENSIONS
WHEN CONSTRUCTING STANDARD C CONSTRUCTION JOINT AS SHOWN OF 3 EQUALLY SPACED #4 DOWELS WALLS.	IN DETAIL "A", PROVIDE A MI	
CONCRETE STEPS ARE REQUIRED E AND 9 AND 10.SEE ROADWAY PLAN		ND 8,
AND 9 AND IO. SEE ROADWAT PLAN	IS FOR DETAILS	
F	PROJECT NO.: U-5	
-	TRANSYLVAN - STATION: 24+81.38	NIA COUNTY L- to 38+79.80 -L-
· · · · · · · · · · · · · · · · · · ·	SHEET 10 OF 10 WALLS	
NORTH CAROLINA		
DIVISION OF HIGHWAYS	CE (CIP) IING WALL	
GEOTECHNICAL		
ENGINEERING UNIT	REVISI NO. BY DATE NO.	BY DATE NO.

	REVISIONS					
NO.	BY	DATE	NO.	BY	DATE	SHEET NO.
1			3			W-19
2			4			VV-13