

GAP BETWEEN BARRIER

-SINGLE FACED PRECAST

CONCRETE BARRIER, IF APPLICABLE

BENCH

4′ MIN

\$6"MIN

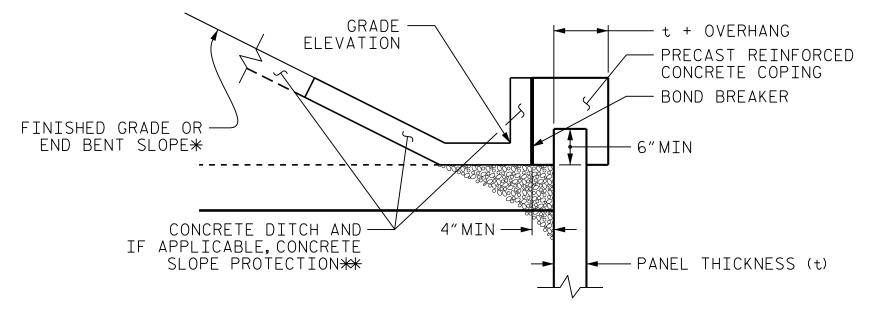
AND WALL FILLED WITH NO. 78 STONE OR BACKER

ROD AND SILICONE SEALANT

FINISHED GRADE* — 6:1 (H:V) OR FLATTER /

(FRONT SLOPE)

FINISHED GRADE* ——/ 2:1 (H:V) OR FLATTER (FRONT SLOPE)



COPING DETAILS

*SEE PLANS FOR FINISHED GRADE OR END BENT SLOPE DETAILS.

**SEE CONCRETE DITCH BEHIND WALL DETAILS.

MSE WALL WITH PRECAST PANELS - TYPICAL SECTION

FILTRATION GEOTEXTILE (TYP) —

L - REINFORCEMENT LENGTH** (TYP)

CAST-IN-PLACE UNREINFORCED — CONCRETE LEVELING PAD (SEE PRECAST PANELS LEVELING PAD STEP DETAIL)

> FOUNDATION MATERIAL

AGGREGATE SHOULDER DRAIN IN

ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 816.02, IF REQUIRED (SEE NOTE FOR DRAIN)

BEARING PAD (TYP) —

BOTTOM OF WALL -

LEVELING PAD

*SEE COPING DETAILS AND PLANS FOR FINISHED GRADE OR END BENT SLOPE DETAILS.

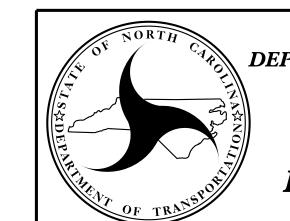
**SEE MSE RETAINING WALLS PROVISION AND IF APPLICABLE, MSE WALL NOTES FOR EMBEDMENT AND REINFORCEMENT LENGTH REQUIREMENTS.

RW3, FROM STA. 43+11.42 -W3- TO STA. 44+17.45 -W3-RW3, FROM STA. 45+49.60 -W3- TO STA. 46+80.00 -W3PROJECT NO.: U-4751

NEW HANOVER COUNTY

STATION: RETAINING WALL NO. 3

SHEET 11 OF 13



NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT DETAILS FOR MSE RETAINING WALL NO. 3

REVISIONS						SHEET
Ο.	BY	DATE	NO.	BY	DATE	NO.
1	1	_	3	I	1	W-11
2	-	_	4	I	_	V V-11

PREPARED BY: J. PARK DATE: 06 / 2017

REVIEWED BY: J. BATTS DATE: 06 / 2017

6"MINi

(TYP)