

CORNER OF SCOUR PROTECTION
STONE STA. 3159+37.97 -L-

CORNER OF SCOUR PROTECTION
STONE STA. 3182+14.19 -L-

NOTES

FOR CONCRETE SHEET PILE RETAINING WALL AND CONCRETE COPING,
SEE CONCRETE SHEET PILE RETAINING WALL SHEETS.

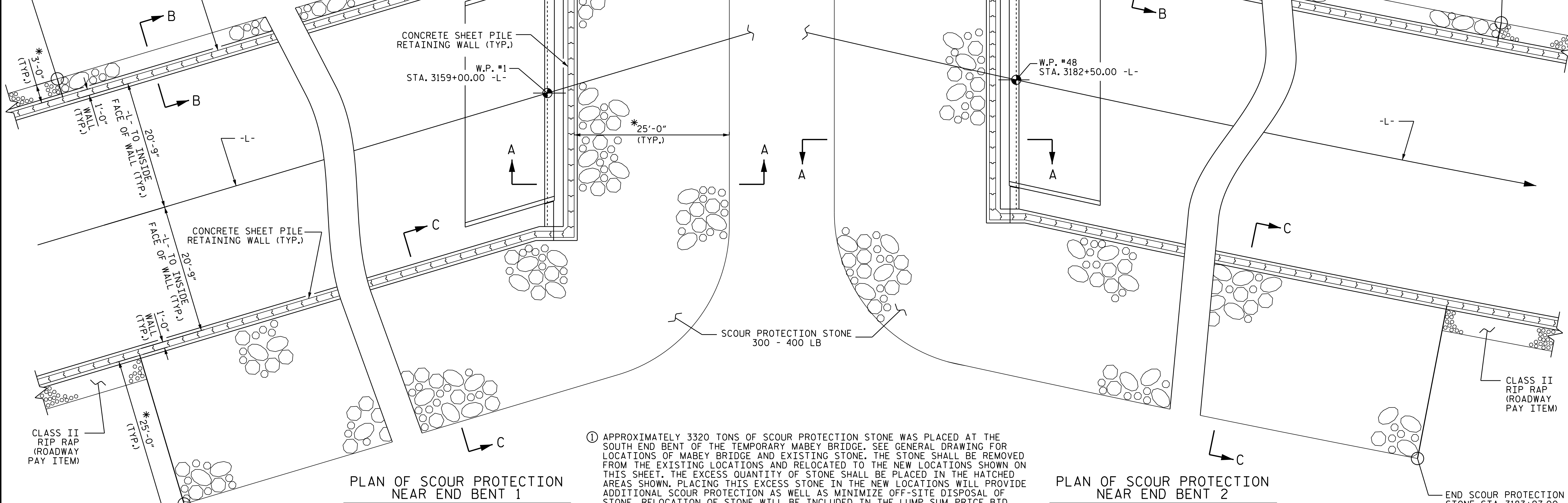
WHEN PLACING STONE AGAINST CONCRETE SHEET PILE WALL, THE
CONTRACTOR SHALL PROVIDE CLEARANCE BETWEEN TOP OF STONE
AND BOTTOM OF WALL COPING.

WHEN PLACING STONE, THE CONTRACTOR SHALL NOT INCREASE THE
FOOTPRINT AREA OF STONE SHOWN.

*DISTANCE FROM OUTSIDE
FACE OF RETAINING WALL

BEGIN SCOUR PROTECTION
STONE STA. 3157+53.00 -L-

END SCOUR
PROTECTION STONE
STA. 3183+97.00 -L-



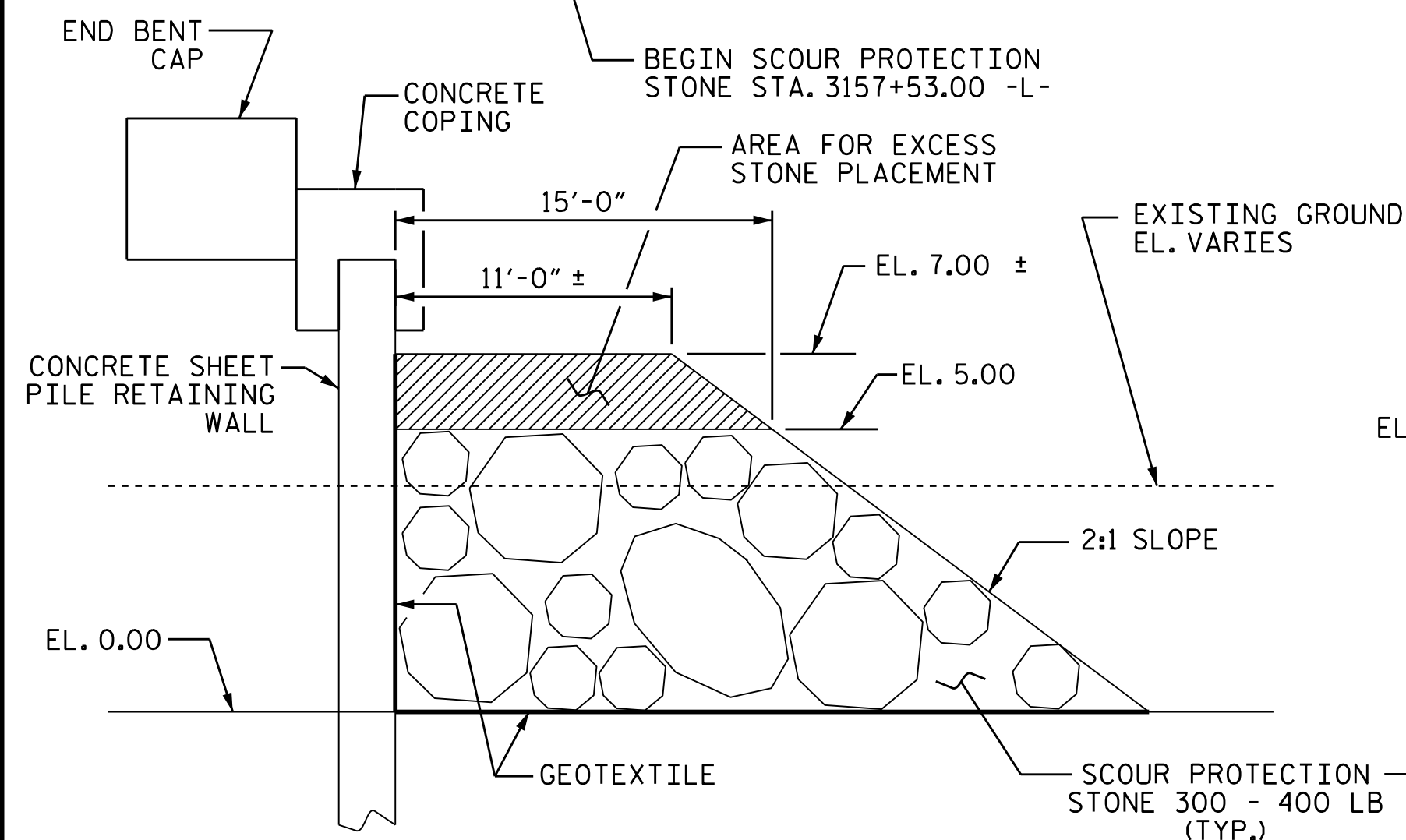
PLAN OF SCOUR PROTECTION
NEAR END BENT 1

PLAN OF SCOUR PROTECTION
NEAR END BENT 2

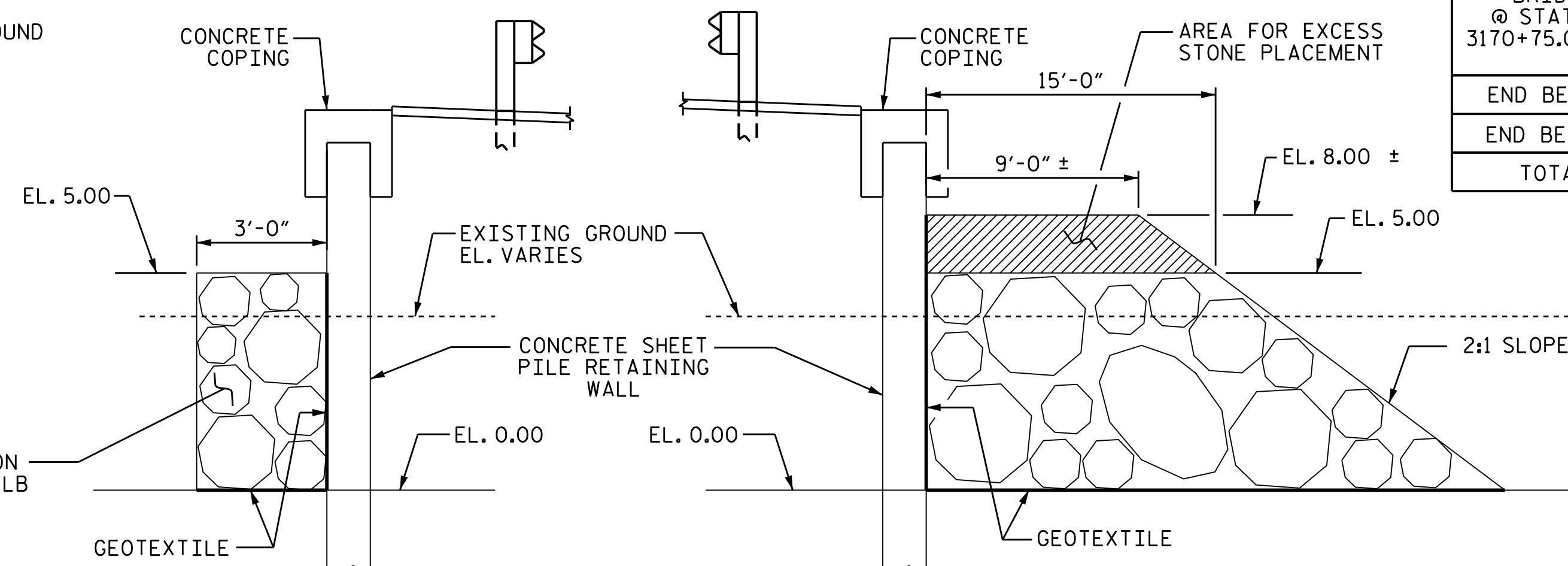
- APPROXIMATELY 3320 TONS OF SCOUR PROTECTION STONE WAS PLACED AT THE SOUTH END BENT OF THE TEMPORARY MABEY BRIDGE. SEE GENERAL DRAWING FOR LOCATIONS OF MABEY BRIDGE AND EXISTING STONE. THE STONE SHALL BE REMOVED FROM THE EXISTING LOCATIONS AND RELOCATED TO THE NEW LOCATIONS SHOWN ON THIS SHEET. THE EXCESS QUANTITY OF STONE SHALL BE PLACED IN THE HATCHED AREAS SHOWN. PLACING THIS EXCESS STONE IN THE NEW LOCATIONS WILL PROVIDE ADDITIONAL SCOUR PROTECTION AS WELL AS MINIMIZE OFF-SITE DISPOSAL OF STONE. RELOCATION OF STONE WILL BE INCLUDED IN THE LUMP SUM PRICE BID FOR REMOVAL OF EXISTING STRUCTURE. SEE SPECIAL PROVISION.
- QUANTITIES OF GEOTEXTILE MATERIAL HAVE BEEN INCREASED TO ACCOUNT FOR THE EXCESS QUANTITY OF STONE TO BE PLACED IN THE HATCHED AREAS SHOWN.

BRIDGE @ STATION 3170+75.00 -L-	ESTIMATED QUANTITIES	
	SCOUR PROTECTION STONE 300-400 LB TONS	GEOTEXTILE FOR DRAINAGE SQUARE YARDS
END BENT 1	1,290	910
END BENT 2	1,300	915
TOTAL	2,590 ①	1,825 ②

PROJECT NO. B-2500AB
DARE COUNTY
STATION: 3170+75.00 -L-



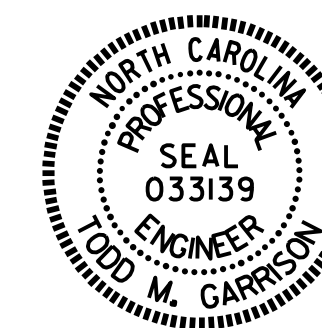
SECTION A-A



SECTION B-B

SECTION C-C

DRAWN BY : T. M. GARRISON, P.E. DATE : 6/15
CHECKED BY : M. A. ALLEN DATE : 6/15
DESIGN ENGINEER OF RECORD: T. M. GARRISON, P.E. DATE : 6/15



DocuSigned by:
8/3/2015

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SCOUR PROTECTION
DETAILS

REVISIONS						SHEET NO. S-43
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 44
2			4			