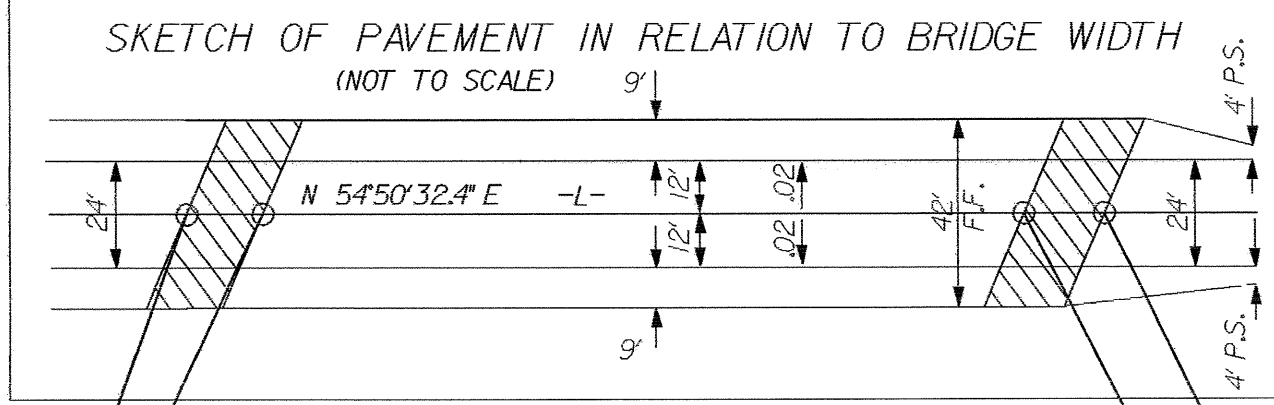
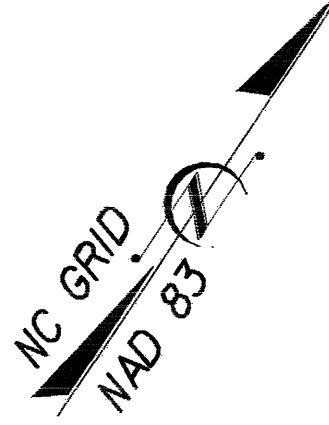


PROJECT REFERENCE NO.		SHEET NO.	
B-3451		EC-4/CONST.4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

NOTE:
TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM OF 3 FEET FROM TOE OF FILL IN WETLAND AREAS

NOTE:
UTILIZE SPECIAL STILLING BASIN, AND TEMPORARY ROCK SILT CHECK TYPE - A AS STILLING BASIN, WHERE APPLICABLE.

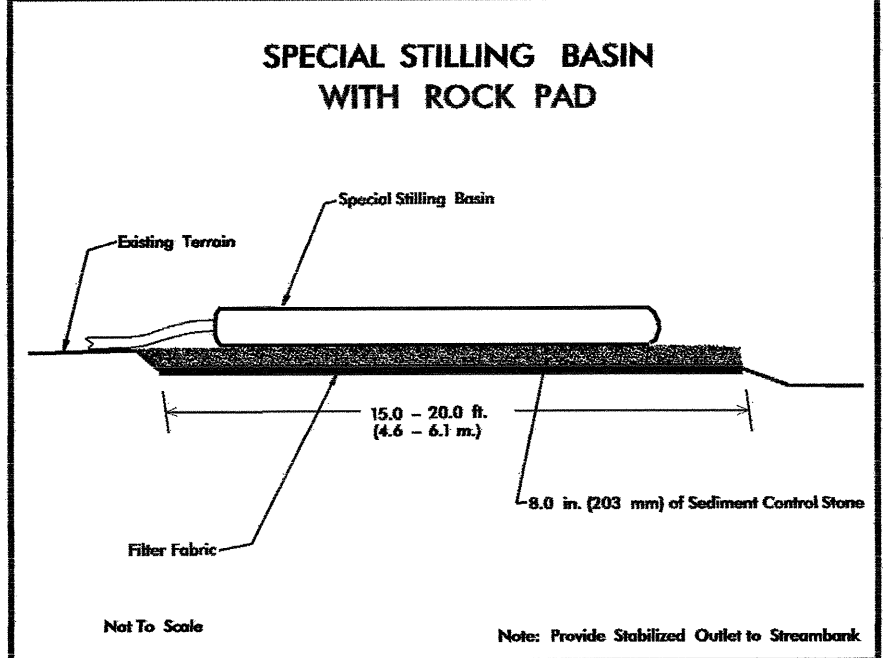


BEGIN APPROACH SLAB
Sta. 14+19.30 -L-

BEGIN BRIDGE
Sta. 14+44.30 -L-

END APPROACH SLAB
Sta. 15+79.30 -L-

END BRIDGE
Sta. 15+54.30 -L-

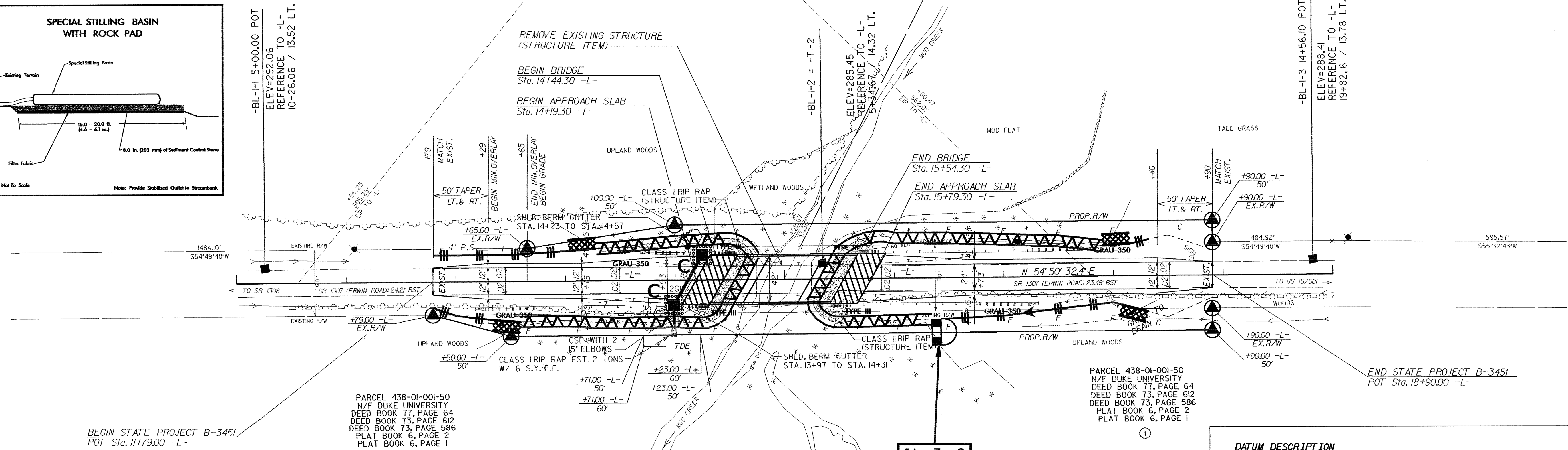


-BL-1-1 5+00.00 POT
ELEV=292.06
REFERENCE TO -L-
10+26.06 / 13.52 LT.

-BL-1-3 14+56.10 POT
ELEV=288.41
REFERENCE TO -L-
19+82.16 / 13.78 LT.

①
PARCEL 438-01-001-50
N/F DUKE UNIVERSITY
DEED BOOK 77, PAGE 64
DEED BOOK 74, PAGE 222
PLAT BOOK 5, PAGE 185

②
PARCEL 442-01-002
N/F CHARLES B. GRIFFIN
DEED BOOK 2254, PAGE 399
PLAT BOOK 6, PAGE 1



BEGIN STATE PROJECT B-3451
POT Sta. 11+79.00 -L-

①
PARCEL 438-01-001-50
N/F DUKE UNIVERSITY
DEED BOOK 77, PAGE 64
DEED BOOK 73, PAGE 612
DEED BOOK 73, PAGE 586
PLAT BOOK 6, PAGE 2
PLAT BOOK 6, PAGE 1

①
PARCEL 438-01-001-50
N/F DUKE UNIVERSITY
DEED BOOK 77, PAGE 64
DEED BOOK 73, PAGE 612
DEED BOOK 73, PAGE 586
PLAT BOOK 6, PAGE 2
PLAT BOOK 6, PAGE 1

END STATE PROJECT B-3451
POT Sta. 18+90.00 -L-

14 x 7 x 3
4' weir

DENOTES APPROACH SLAB

NOTES:
1. SEE SHEETS S-1 THRU S-? FOR STRUCTURE PLANS.
2. SEE SHEET 5 FOR GRADE AND PROFILE.

DATUM DESCRIPTION
THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B3451-1" WITH NAD 1983/95 STATE PLANE GRID COORDINATES OF NORTHING: 818,126,562.6(1) EASTING: 2,009,213.3044(1) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99994774 THE NC LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B3451-1" TO -L- STATION 11+79.00 IS S 52°39'18" W, 859.88' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88