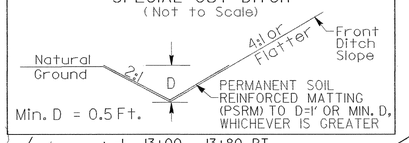
PROJECT REFERENCE NO.	SHEET NO.
B-3530	EC-3/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE:
UTILIZE SPECIAL STILLING BASIN, AND TEMPORARY ROCK SEDIMENT DAM TYPE – B AS STILLING BASIN, WHERE APPLICABLE.

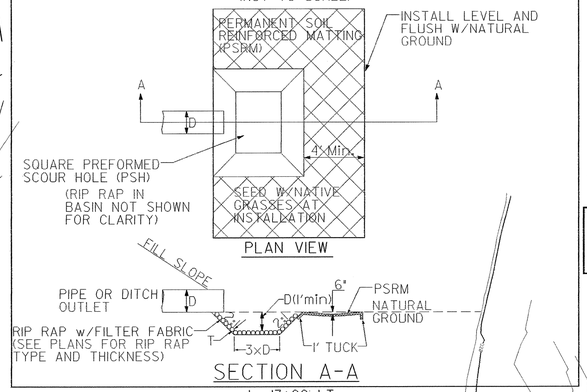
ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

DETAIL A
SPECIAL CUT DITCH
(Not to Scale)



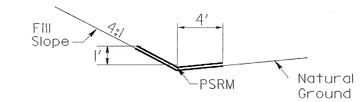
-L- 13+00 - 13+80 RT
-L- 18+50 - 19+50 RT

DETAIL B
PREFORMED SCOUR HOLE
(NOT TO SCALE)



-L- 17+00 LT

DETAIL C
TOE PROTECTION
(Not to Scale)



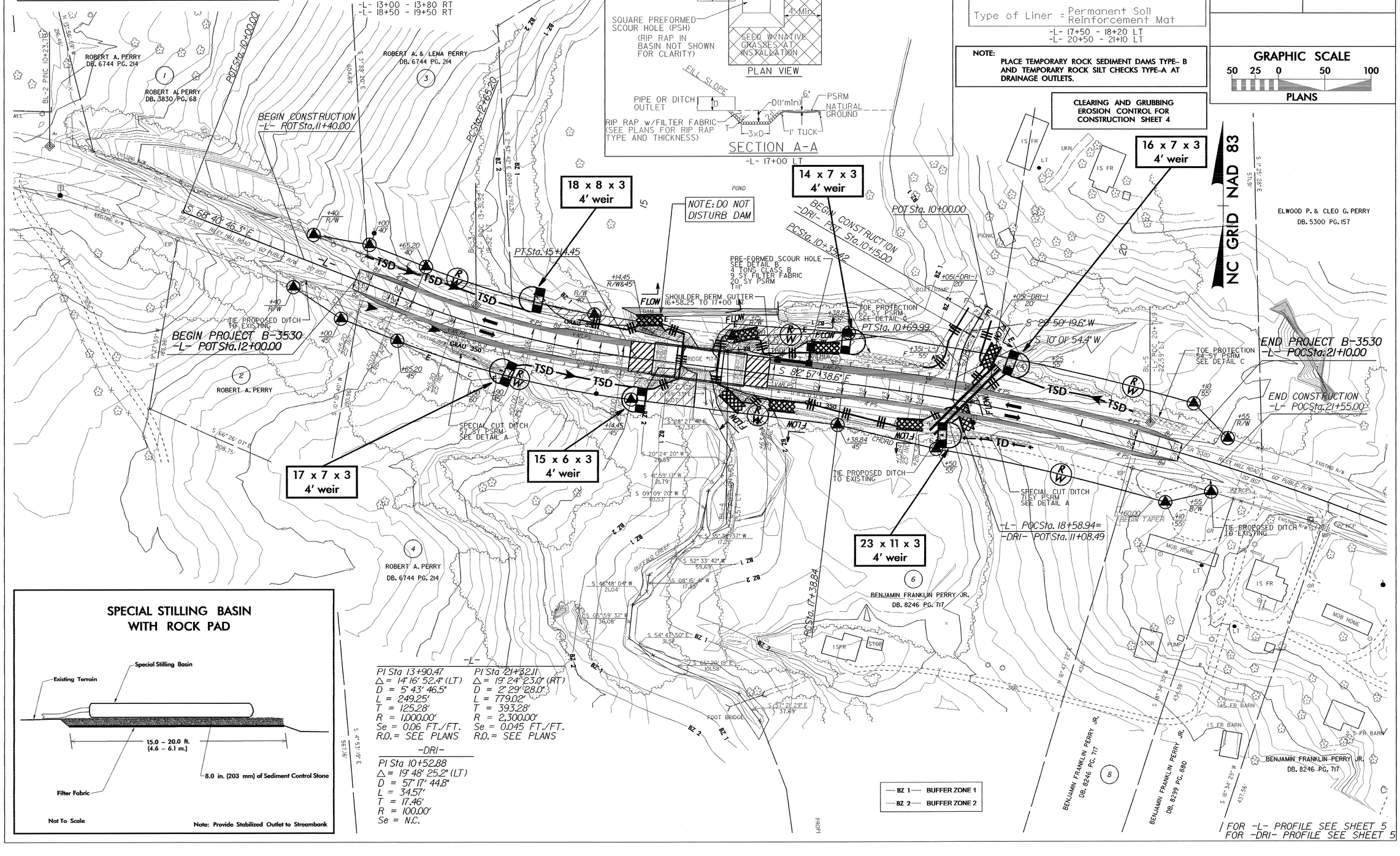
Type of Liner = Permanent Soil Reinforcement Mat

-L- 17+50 - 18+20 LT
-L- 20+50 - 21+10 LT

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE- B AND TEMPORARY ROCK SILT CHECKS TYPE-A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

GRAPHIC SCALE
50 25 0 50 100
PLANS



SPECIAL STILLING BASIN WITH ROCK PAD

Not To Scale

Note: Provide Stabilized Outlet to Streambank

-L-
PI Sta 13+90.47
△ = 14° 16' 52.4" (LT)
D = 5° 43' 46.5"
L = 249.25'
T = 125.28'
R = 1,000.00'
Se = 0.06 FT./FT.
R.O. = SEE PLANS

PI Sta 21+32.11
△ = 19° 24' 23.0" (RT)
D = 2° 29' 28.0"
L = 779.02'
T = 393.28'
R = 2,300.00'
Se = 0.045 FT./FT.
R.O. = SEE PLANS

-DRI-
PI Sta 10+52.88
△ = 19° 48' 25.2" (LT)
D = 57° 17' 44.8"
L = 34.57'
T = 17.46'
R = 100.00'
Se = N.C.

BZ 1 — BUFFER ZONE 1
BZ 2 — BUFFER ZONE 2

FOR -L- PROFILE SEE SHEET 5
FOR -DRI- PROFILE SEE SHEET 5