PROJECT REFERENCE	SHEET NO.
17BP.5.R.51 – WAKE 27	EC-4/CONST.4

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 4

ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

LEVEL III CERTIFIED BY:
ALEXANDER D. SNIDER, PE
CERTIFICATION NUMBER: 3064
ISSUED: FEBRUARY 17, 2017

Prepared in the Office of:

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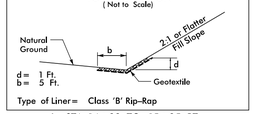
N.C.B.E.L.S. License Number: F-0116

HORIZONTAL SCALE
25' 0 25' 50'

DETAIL A
TOE PROTECTION
(Not to Scale)

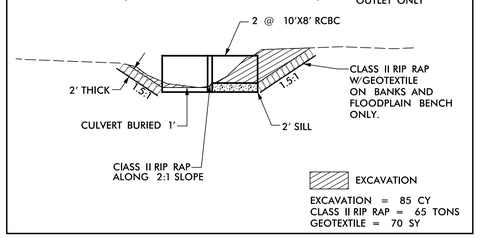


d= 1 Ft.
b= 5 Ft.
Type of Liner= Class 'B' Rip-Rap

–L– STA. 14+33 TO 15+25 RT

INLET DETAIL (LOOKING DOWNSTREAM)

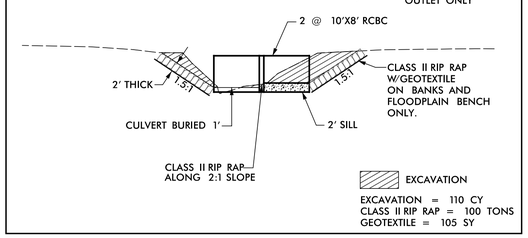
NOTE:
SILLS TO BE LOCATED AT THE INLET AND OUTLET ONLY



EXCAVATION = 85 CY
CLASS II RIP RAP = 65 TONS
GEOTEXTILE = 70 SY

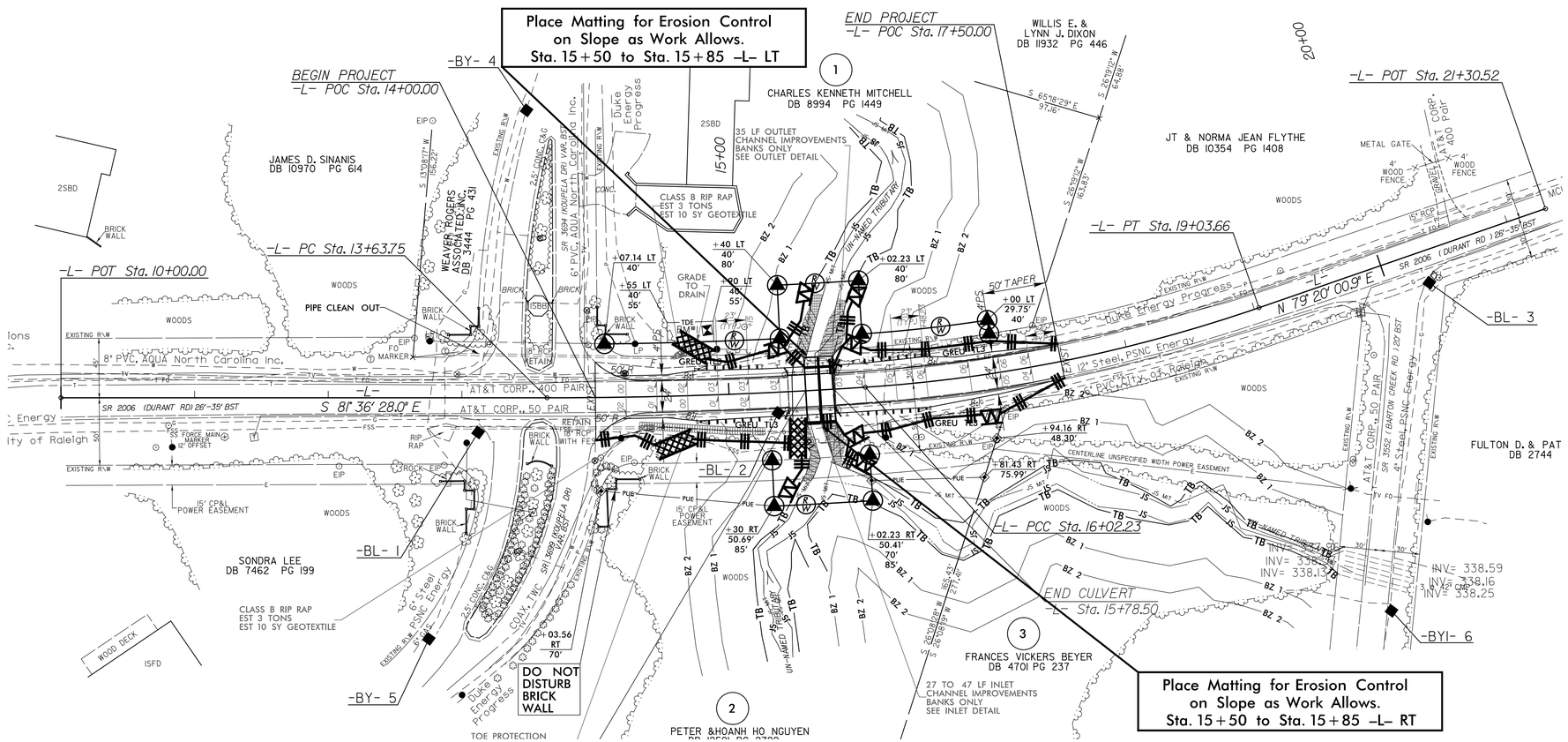
OUTLET DETAIL (LOOKING DOWNSTREAM)

NOTE:
SILLS TO BE LOCATED AT THE INLET AND OUTLET ONLY



EXCAVATION = 110 CY
CLASS II RIP RAP = 100 TONS
GEOTEXTILE = 105 SY

FOR CULVERT PLANS SEE SHEETS C-1 THRU C-6



NOTE:
THIS PROJECT IS WITHIN THE FALLS LAKE WATERSHED AND HAS SPECIFIC STABILIZATION REQUIREMENTS.

NOTE:
ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING R/W OR EASEMENT.

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

$$DATE$$ $$$$$$SYTIME$$$$$
J:\Hydro\DDC\Division_5_LIBR_2014\910027\Hydraulics\Erosion Control\add\910027_hyd_erosion_final.dgn
ICA ENGINEERING, INC.