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8/17/99

PROJECT REFERENCE NO.	SHEET NO.
U-4405A	7
R/W SHEET NO.	U-4405 PSH 7

ROADWAY DESIGN ENGINEER

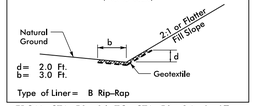
NORTH CAROLINA PROFESSIONAL SEAL 024929 ENGINEER
ECOMDIV\CMORGAN
7/6/2021

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 20147 ENGINEER
ABWHITE
7/6/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DETAIL 4
TOE PROTECTION
(Not to Scale)



d= 2.0 Ft.
b= 3.0 Ft.

Type of Liner= B Rip-Rap

FROM STA. 50+06 TO STA. 50+34 -L- LT

NC GRID NAD 83/NA 2011

-L-
PIs Sta 61+82.97
Θs = 0° 45' 14.0"
Ls = 100.00'
LT = 66.67'
ST = 33.33'

MATCHLINE SEE SHEET 6 -L- STA 48+00

MATCHLINE SEE SHEET 8 -L- STA 61+50

50 55 60

-L- N 76° 00' 41.3" E

US 401 BUS RAEFORD RD 25' BST

US 401 BUS RAEFORD RD 27' BST

-L- TS Sta. 61+16.30

62 CUMBERLAND COUNTY BOARD OF EDUCATION DB 847 PG 374

62 CUMBERLAND COUNTY BOARD OF EDUCATION DB 2284 PG 479

61A LAFAYETTE CEMETERY PARK CORP DB 5051 PG 774 PB 61 PG 9

63 LAFAYETTE CEMETERY PARK CORP DB 2530 PG 215 PB 61 PG 9

64 JERNIGAN-WARREN FUNERAL DB 3143 PG 472

65 LAFAYETTE CEMETERY PARK CORP DB 2530 PG 215 PB 61 PG 9

61 R & W PIZZA HUTS OF NORTH CAROLINA DB 3223 PG 630 PB 98 PG 110

60 AOM INVESTMENTS, LLC DB 5032 PG 661 PB 58 PG 116

RETAIN

RETAIN SYSTEM APPROXIMATE LOCATION OF TANK

DO NOT DISTURB SIGN

CEMETERY

DO NOT DISTURB SIGN

TOE PROTECTION SEE DETAIL 4 CLASS B RIP RAP EST 7 TONS EST 15 SY GEOTEXTILE

COLLAR & EXTEND w/ELBOWS

150' TAPER (LT TURN)

150' TAPER (RT TURN)

235' TAPER (LT TURN)

REMOVE

REMOVE DI

PROP.1'-6" C&G

PROP.2'-6" C&G

24" RCP-IV

30" RCP-IV

18" RCP-IV

15" RCP-IV

PROP CONC SIDEWALK

NOTE: SEE SHEET 34 FOR -L- PROFILE

08-JUN-2021 07:07
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