8/17/99

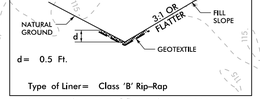
PLANS PREPARED BY:
WSP USA
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
FAX: 1.919.836.4099
LICENSE NO. F-0165

PROJECT REFERENCE NO.	SHEET NO.
U-4424	EC-05/CONST.05
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 5

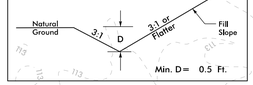
NAD 83/2011

DETAIL 17
TOE PROTECTION
(Not to Scale)



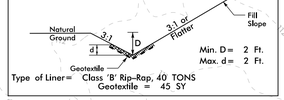
d= 0.5 Ft.
Type of Liner= Class 'B' Rip-Rap
FROM –L– STA. 25+00 TO STA. 27+50 LT

DETAIL 1
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



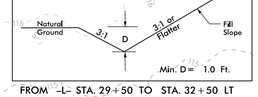
Min. D= 0.5 Ft.
FROM –L– STA. 23+00 TO STA. 25+00 LT

DETAIL 4
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



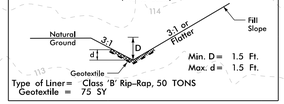
Min. D= 2 Ft.
Max. d= 2 Ft.
Type of Liner= Class 'B' Rip-Rap, 40 TONS
Geotextile = 45 SY
FROM –L– STA. 27+50 TO STA. 28+23 LT

DETAIL 10
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



Min. D= 1.0 Ft.
FROM –L– STA. 29+50 TO STA. 32+50 LT

DETAIL 5
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



Min. D= 1.5 Ft.
Max. d= 1.5 Ft.
Type of Liner= Class 'B' Rip-Rap, 50 TONS
Geotextile = 75 SY
FROM –L– STA. 28+23 TO STA. 29+50 LT

MATCH LINE SEE SHEET 04
-L- STA. 21+50.00

MATCH LINE SEE SHEET 06
-L- STA. 35+50.00

25 30 35

TOE PROTECTION
SEE DETAIL 17
EST. 75 TONS
EST. 170 SYGF

-L- POT Sta. 25+61.29=
-Y2- POT Sta. 12+01.65

SPECIAL LATERAL 'V' DITCH SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH SEE DETAIL 4 REMOVE

SPECIAL LATERAL 'V' DITCH SEE DETAIL 5

SPECIAL LATERAL 'V' DITCH SEE DETAIL 10

-L- PC Sta. 33+79.45

DIRECT FLOW FROM EXISTING 6" HDPE INTO PROPOSED DITCH

4
KEIHIN CAROLINA SYSTEM TECHNOLOGY INC
DB 1560 PG 0477
PC 4 PG 164/165

N 86° 25' 35.0" E

-L-

-Y2-

N 29° 38' 20.8" W

REMOVE

CLASS 'B' RIPRAP
EST. 2 TONS
EST. 7 SYGF

STANDARD 3' TAIL DITCH
SEE DETAIL 3
DDE = 10 CY
S=0.005 ft/ft

CLASS 'I' RIPRAP
EST. 9 TONS
EST. 12 SYGF

CLASS 'B' RIPRAP
EST. 2 TONS
EST. 7 SYGF

R=25'

BEGIN PROP.
MULTI-USE
PATH, +90.76

END PROP.
1'-6" C&G, +68.65

BEGIN PROP.
2'-6" C&G, +11.55

END PROP.
2'-6" C&G, +11.55

BEGIN PROP.
1'-6" C&G, +29.89

BEGIN CONSTRUCTION
-Y2- STA. 11+11.55
-Y2- POT Sta. 10+00.00

RETAIN

BM2

3 NC DEPARTMENT OF TRANSPORTATION
DB 0324 PG 0435

QUANDA L COLLINS
DB 1727 PG 877
PC 7 PG 3

TARBORO COMMONS L.L.C.
DB 1266 PG 233
PC 7 PG 3

TARBORO COMMONS L.L.C.
DB 1266 PG 233
PC 7 PG 2

6 6A 6B 6C 6D 6E 7

SPENCER'S WOODS SWIMMING POOL ASSOC.
DB 1402 PG 6
PC 7 PG 2

45' UTILITY EASEMENT PB 4 PG 164

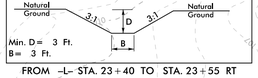
20' DRAINAGE & UTILITY EASEMENT PC 7 PG 2

30' DRAINAGE & UTILITY EASEMENT PC 7 PG 2

NC 111/WILSON ST./25' BST

SPENCER DR/24' BST

DETAIL 3
STANDARD TAIL DITCH
(Not to Scale)



Min. D= 3 Ft.
B= 3 Ft.
FROM –L– STA. 23+40 TO STA. 23+55 RT

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

06-APR-2023 10:13
C:\EROSION CONTROL CADD\U4424 EC_psh5_CG.dgn
WSP