5/14/99

NOTE:
UTILIZE COIR FIBER MATTING ADJACENT TO WETLANDS /JURISDICTIONAL AREAS, AND AS DIRECTED

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 19

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO.	SHEET NO.
R–5021	EC–19/CONST J9
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INTERSECTION OF NC 211 (–L–) AND REGENCY CIRCLE (–Y7–)

2019 ADT
2039 ADT

21823 / 37442 –L– 23037 / 39227
200 / 200 –Y7– 1414 / 1985
1614 / 2185

NAD 83/NSRS 2007

MATCH LINE –L– STA 255+00.00
SEE SHEET 18

MATCH LINE –L– STA 269+00.00
SEE SHEET 20

260 265

50 VERNON R. EAKINS, ET UX

51 PAT NEWTON PROPERTIES, LLC.

52 ST. JAMES SQUARE OF WILMINGTON, LLC.

53 CLAUDIA S. ROBINETTE EXEC. & LOIS M. SMITH

54 ARGIRO F. MOE, ET AL

–L– POT Sta. 256+62.40=
–Y7– POT Sta. 10+00.00

TOE PROTECTION
SEE DETAIL T
EST. 80 TONS
EST. 230 SYGF

TOE PROTECTION
SEE DETAIL T
EST. 70 TONS
EST. 160 SYGF

ACCESS BREAK

CFW

REBAR

SHUT OFF VALVE

24" RCP

WLB

S 74° 30' 32.0" E

NC 211 30' BST

–BL– 39

EXISTING

REMOVE

36" RCP REMOVE

24" RCP

48" RCP REMOVE

2GI-SD

CB–F

CB–G

99.00 –Y7– 02

REBAR

F.O. MARKER

CONC

W CONDUIT

4' LAT. BASE DITCH SEE DETAIL FF

CLASS 'I' RIP-RAP
EST. 26 TONS
EST. 50 SYGF

CLASS 'I' RIP-RAP
EST. 15 TONS
EST. 30 SYGF

4' LAT. BASE DITCH SEE DETAIL GG

ST. JAMES CITY LIMIT

ST. JAMES DEVELOPMENT CO., LLC.

PUE

POWER METER

SECURITY EASEMENT

REGENCY CROSSING

S 15° 22' 36.0" W

30' C&G

24' BST

ELECTRICAL BOX

100' PRIVATE ACCESS EASEMENT MB 69 PG 38

UTILITY EASEMENT

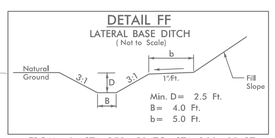
75.00 –Y7–

–Y7– POT Sta. 12+50.00

END CONSTRUCTION
–Y7– Sta. 11+75.00

41A

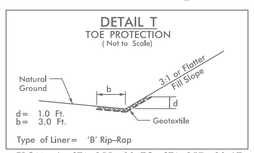
DETAIL FF
LATERAL BASE DITCH
(Not to Scale)



Min. D = 2.5 Ft.
B = 4.0 Ft.
b = 5.0 Ft.

FROM –L– STA. 258+50 TO STA. 266+00 RT

DETAIL T
TOE PROTECTION
(Not to Scale)

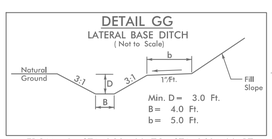


d = 1.0 Ft.
b = 3.0 Ft.

Type of Liner = 'B' Rip–Rap

FROM –L– STA. 255+00 TO STA. 257+30 LT
FROM –L– STA. 265+00 TO STA. 267+00 LT

DETAIL GG
LATERAL BASE DITCH
(Not to Scale)



Min. D = 3.0 Ft.
B = 4.0 Ft.
b = 5.0 Ft.

FROM –L– STA. 266+00 TO STA. 269+00 RT

11/23/2018
C:\36021_EC_PSH19.dgn
HNTB