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 21

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-21/CONST.21
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83/NSRS 2007

MATCH LINE –L– STA 283+00.00
SEE SHEET 20

MATCH LINE –L– STA 297+00.00
SEE SHEET 22

285 290 295

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

WOODS ACCESS BREAK GREU TL-3 8:1 TAPER ST JAMES CITY LIMIT S 74°30'32.0"E REMOVE

–L– POT Sta. 290+73.56 =
–Y8– POT Sta.10+00.00

PROP. 1'-6" CURB AND GUTTER NC 211 SOUTHPORT SUPPLY RD 25' BST

–BL– 42 –BL– 43

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

4' LAT. BASE DITCH SEE DETAIL FF

REMOVE SLAB CAP

JB W/ CAP

4' LAT. BASE DITCH SEE DETAIL GG

4' LAT. BASE DITCH SEE DETAIL DDDD

Temporary Rock Silt Check Type A 2.0 ft. weir height

2' STD BASE DITCH SEE DETAIL OOO S=7.5% FEAR DDE 12 CY

DO NOT DISTURB HEADSTONES

CAPE FEAR MEMORIAL PARK

30' DRAINAGE EASEMENT

PLACE FILL TO TOB OF EXISTING DITCH

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

END CONSTRUCTION
–Y8– Sta. 11+80.00

S 17°45'02.0" W

–Y8– POT Sta. 12+50.00

90° CONC 8" CONC CURB 2SBKBUS 4' CONC

+50.00 200' EOT BAY TAPER

41A ST. JAMES DEVELOPMENT CO., LLC.

56 THOMAS R. OVERTON, ETUX

56A KENT BERRY, ET AL

58 KENNETH L. HOFFMAN, ET UX BUILDING D, UNITS 5, 6, 7

SENTRY BUSINESS PARK, A CONDOMINIUM BUILDING D, UNITS 1,2,3,4

59 JTM DEVELOPMENT, INC.

60Z CMC MARKETING, INC.

DETAIL DDDD
LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, b, GTD, 2%, Fill Slope, B
Min. D= 3.0 Ft.
B= 4.0 Ft.
b= 5.0 Ft. (Min.)
FROM –L– STA. 285+00 TO STA. 288+50 RT

DETAIL GG
LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, b, 1'-Ft., Fill Slope, B
Min. D= 3.0 Ft.
B= 4.0 Ft.
b= 5.0 Ft. (Min.)
FROM –L– STA. 283+00 TO STA. 285+00 RT
FROM –L– STA. 288+50 TO STA. 292+00 RT

DETAIL OOO
STANDARD BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, Natural Ground, B
Min. D= 1.0 Ft.
B= 2.0 Ft.
–L– STA. 288+89 RT

DETAIL FF
LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, b, 1'-Ft., Fill Slope, B
Min. D= 2.5 Ft.
B= 4.0 Ft.
b= 5.0 Ft. (Min.)
FROM –L– STA. 292+00 TO STA. 297+00 RT

11/27/2018
21_EC_PSH21.dgn
HNTB