5/14/99

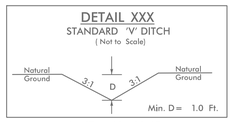
NOTE:
UTILIZE COIR FIBER MATTING ADJACENT TO WETLANDS /JURISDICTIONAL AREAS, AND AS DIRECTED

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-68/CONST.30
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83/NSRS 2007

DETAIL XXX
STANDARD 'V' DITCH
(Not to Scale)



Min. D= 1.0 Ft.

-L- STA. 410+35 LT
-L- STA. 412+85 LT
-L- STA. 418+40 LT

-L- PT Sta. 416+36.46

-Y22A- POT Sta. 10+00.00

MATCH LINE -L- STA 409+00.00
SEE SHEET 29

MATCH LINE -L- STA 423+00.00
SEE SHEET 31

410 415 420

GEORGE E. CLEWIS, ET UX (114)
DR. CHRISTOPHER J. MOSHOURES (117)
BETHEL BAPTIST CHURCH (118)
UGG CORPORATION (121)
WILKINSON PROPERTIES (122)
PELICAN COMPANIES, INC. (120)
JAMES F. FAIRCLOTH, ET UX (111)
TONY WEHBE (110)
ASSURED QUALITY HOLDINGS, LLC. SERIES 2 (113)
PAZZO HOLDINGS, LLC. (115)
CITY OF SOUTHPORT (112)
OKBI INVESTMENTS, LLC. (116)
TITAN CAROLINA CONCRETE, LLC. (119)

1658 NORTH HOWE STREET

SOUTHPORT CITY LIMITS

STD 'V' DITCH
SEE DETAIL XXX
S=3.1%
DDE = 30 CY

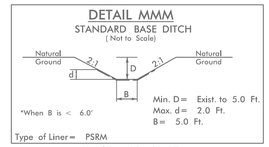
STD 'V' DITCH
SEE DETAIL XXX
S=1.9%
DDE = 10 CY

STD 'V' DITCH
SEE DETAIL XXX
S=0.8%
DDE = 16 CY

5' STD BASE DITCH
SEE DETAIL MMM
S=7.95%
EST. 460 SY PSRM
DDE = 40 CY

COLLAR & EXTEND
W/18" RCP-IV

DETAIL MMM
STANDARD BASE DITCH
(Not to Scale)



*When B is < 6.0'
Min. D= Exist. to 5.0 Ft.
Max. d= 2.0 Ft.
B= 5.0 Ft.
Type of Liner= PSRM

-L- STA. 416+60 RT

REMOVE 14 LF EXIST 12" RCP

-BM- 50

11/23/2018
R5021_EC_PSH30.dgn
HNTB