8/17/99

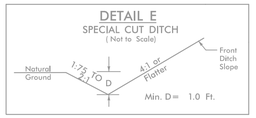
REVISIONS

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-2915C	EC-20/CONST.20
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

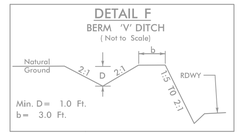
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 20

DETAIL E
SPECIAL CUT DITCH
(Not to Scale)



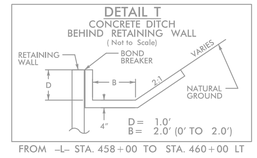
FROM -L- STA. 460+00 TO STA. 462+00 LT

DETAIL F
BERM 'V' DITCH
(Not to Scale)



FROM -L- STA. 462+00 TO STA. 462+50 LT

DETAIL T
CONCRETE DITCH
BEHIND RETAINING WALL
(Not to Scale)



D= 1.0'
B= 2.0' (0' TO 2.0')

FROM -L- STA. 458+00 TO STA. 460+00 LT

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

NAD 83
CORS

MATCH TO SHEET 19 -L- STA. 458+00.00

END TIP PROJECT R-2915C LB =
-L- ST Sta. 464+44.02

BEGIN TIP PROJECT R-2915D LA
-L- ST Sta. 464+44.02

-L- POT Sta. 466+31.59

END CONSTRUCTION R-2915C
-L- POT Sta. 464+60.00

-L- CS Sta. 461+69.02

45 x 15 x 3
Qty: 2 ID 20.1

45 x 15 x 3
ID 20.2

50 x 15 x 3
Qty: 2 ID 20.3

CWD

TD

JS

B

C

RETAIN

CONSTRUCTED BY OTHERS

DONE BY OTHERS

CONSTRUCTED BY OTHERS RETAIN

US 221 BST

PAVED DITCH

OLD FIELD CREEK

TREE FARM

THOMAS M. HOWELL AND WIFE,
KATHY H. HOWELL
DB 313 PG 1332

BETHANY UNITED METHODIST CHURCH
D.B. I-5, PG. 432

ARCHIE LINCOLN PIERCE AND WIFE,
NANCY CAROLYN PIERCE, TRUSTEES
DB 402 PG 1408

MARY EDWARDS HOLCOMB
AND HUSBAND,
C. J. HOLCOMB, JR.
DB 161 PG 351

MABEL T. MILLER AND HUSBAND,
STEPHEN H. MILLER
DB 158 PG 161

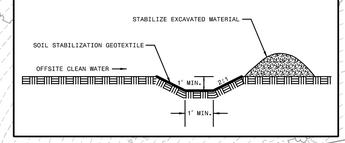
DENOS P MARVIN AND
FRANCES D MARVIN
DB 122 PG 821

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

CLEAN WATER DIVERSION

CWD — CWD — CWD — CWD — CWD — CWD

(Not to Scale)



I:2020\1 PM\
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$$$$USERNAME$$$$