PROJECT REFERENCE NO.	SHEET NO.
U-3615B	UC-12

DESIGNED BY: DMP
DRAWN BY: DMP
CHECKED BY: DMP
APPROVED BY:
REVISED:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC.
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NORTH CAROLINA PROFESSIONAL SEAL 26457 ENGINEER ANDREW P. LARRICK
DocuSigned by:
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10/6/2014

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

25 0 50

-L-
PI Sta 271+96.23
Δ = 29° 07' 59.5" (LT)
D = 2° 43' 42.1"
L = 1,067.79
T = 545.70'
R = 2,100.00'
DS = 50 MPH
SE = 0.04
RO = SEE PLANS

-L-
PIs Sta 277+68.32
Θs = 2° 02' 46.6"
Ls = 150.00'
LT = 100.01'
ST = 50.01'

DETAIL 2
STANDARD 2' BASE DITCH
(Not to Scale)
Natural Ground 2:1 D 2:1 Natural Ground B
Min. D = 2 Ft.
B = 2 Ft.

FROM STA. 272+04 TO STA. 272+43 -L-(RT) (DDE 30 CY)
FROM STA. 273+61 TO STA. 273+63 -L-(RT) (DDE 23 CY)

NAD 83/95

MATCHLINE STA.267+00.00 SHEET UC-11

MATCHLINE STA.281+00.00 SHEET UC-13

PROP. - 40 L.F. OF 12" WATERLINE

PROP. - 5 - RELOCATE WATER METERS

PROP. - 1 - RELOCATE FIRE HYDRANT

PROP. - 2 - RELOCATE WATER METERS

PROP. - 1,425 L.F. OF 16" FORCEMAIN SEWER (SEE UC-21 & UC-22 FOR PROFILE)

DETAIL 3
ROCK FILL IN POND
(Not to Scale)
Proposed
Existing
Rock Armour Fill
3.0'
Elev.= 829.60
Rock Fill To Berm
1.0'
N.W.S. Elev.= 828.60

SEE GEOTECH FOR ROCK SIZE AND QUANTITY
FROM STA. 275+42 TO STA. 276+60 -L-

UTILITY CONSTRUCTION PLANS PREPARED BY:
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REVISIONS

8/17/99