PROJECT REFERENCE NO.	SHEET NO.
U-3615B	UC-4

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

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC.
PHONE: (919) 707-6690
FAX: (919) 250-4151

NORTH CAROLINA PROFESSIONAL SEAL 26457 ENGINEER ANDREW P. LARRICK
Docusigned by:
10/6/2014

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

-L-
PIs Sta 158+44.07
Θs = 0° 22' 00.1"
Ls = 96.00'
LT = 64.00'
ST = 32.00'

-L-
PIs Sta 163+70.31
Θs = 0° 33' 00.1"
Ls = 96.00'
LT = 64.00'
ST = 32.00'

-L-
PI Sta 167+89.17
Δ = 8° 50' 54.9" (LT)
D = 1° 08' 45.3"
L = 772.19
T = 386.86'
R = 5,000.00'
DS = 50 MPH
SE = 0.02
RO = SEE PLANS

L = 425.31'
T = 212.89'
R = 3,775.00'
DS = 50 MPH
SE = 0.02
RO = SEE PLANS

25 0 50

FLOOD PLAIN BENCH DETAIL "AC"

BANK STABILIZATION CLASS "B" RIPRAP(OUTLET ONLY)
N.G.
2' min. (TYP.)
2:1
0.5'
2:1
1.5'
2:1
b 1'Min.
N.G. OR 5' BERM
b=5 FT.
NATIVE MATERIAL INV. BURIED 1'

NAD 83/95

STA. 169+46.53 POC -L- =
STA. 169+46.53 POC -L- TEMP
OFFSET = 21.07' RT.
END TIP PROJECT U-3615A
BEGIN TIP PROJECT U-3615B

-L- TSSta. 163+06.31
-L- ST Sta. 159+08.07
-L- CSSta. 158+12.07
SCSta. 164+02.31

HILDA H. PATTON DB 5008 PG 1112 PB 137 PG 026
LUXURY HOME RENTALS DB 7204 PG 1832 PB 137 PG 026
LAWRENCE CURTIS DB 5164 PG 1557 PB 137 PG 026
SIKH ASSOC. OF THE TRIAD NC DB 6487 PG 0538 PB 014 PG 013
TEMPLE OF PRAYER PRAISE & DELIVERENCE INC DB 5134 PG 0252 PB 068 PG 022
EARL PAUL MCCRACKEN DB 4450 PG 1811 PB 090 PG 004
JOHN & MARTHA TOW DB 6846 PG 1518 PB 095 PG 004
INGA M. STREETMAN DB 4202 PG 1828 PB 095 PG 004
VIRGILIO VARIAS DB 5104 PG 0914 PB 060 PG 022
ST. ANDREWS ON SKEET CLUB HOMEOWNERS ASSOC DB 5280 PG 0712 PB 141 PG 131
NHAN VAN & NANCY LE DB 685 PG 1399 PB 060 PG 022
ST. ANDREWS ON SKEET CLUB HOME OWNER'S ASSOC. DB 5408 PG 1746 PB 060 PG 022
WILLIAM G. CURLIN DB 4408 PG 0880
ORCHARD KNOB OWNERS ASSOCIATION DB 7274 PG 2644 PB 157-72
WALTER B. MCCRAW DB 5384 PG 0923 PB 140 PG 022
JOYCE A. TRESCOT DB 5231 PG 1435 PB 140 PG 022
BILLIE M. PATTERSON DB 5278 PG 0075 PB 140 PG 022
JAMES C. BRITT DB 5289 PG 506 PB 140 PG 022
NANCY A. BRITT DB 5289 PG 506 PB 140 PG 022
CYNTHIA BLADONE DB 5289 PG 506 PB 140 PG 022
ASHLEY E. BRITT DB 5289 PG 506 PB 140 PG 022
S MAY & CO DB 6868 PG 1359 PB 112 PG 018
HUY NGUYEN DB 5971 PG 0662 PB 112 PG 018
BRADFORD M. LILLEY DB 4336 PG 0739 PB 112 PG 018
FRANK LUCIDO DB 7058 PG 2028 PB 112 PG 018
EDUARDO ULLOA DB 6325 PG 2203 PB 112 PG 018
HARRISON A. LITTLE DB 4276 PG 1319 PB 112 PG 018
DAWN A. THORNHILL DB 6500 PG 2469 PB 112 PG 018
JEFFERY A. SIMMONS DB 5186 PG 1658 PB 112 PG 018
JAMES SEO MURPHY DB 4355 PG 1944 PB 112 PG 018
ROBERTO MIRIAM PANAMENO DB 6635 PG 1955 PB 112 PG 018
CAROLYN DALE CLONTZ DB 5312 PG 0009 PB 112 PG 018
RODNEY G. KOCHER DB 4985 PG 1275 PB 112 PG 018
VICKI L. CAMPBELL DB 5261 PG 0018 PB 112 PG 018
-BY29-
-B129-60
U3615-5
U3615-6
SKEET CLUB ROAD 22.0' BST
GARDEN CLUB STREET
LUNSDEN LN
NCDOT PERMANENT UTILITY EASEMENT
EXISTING R/W
30' C&G
20.0' BST
ISBKD
ISFD
ISBK TOWNHOUSE
POOL
DECK
WALL
CONC
EIP
BM#9

ES100
ES101
EW100
EW101
8" VC
12" DIP
4" DIP
4" PLASTIC
8" DIP
INV=867.00
INV=866.32
INV=874.62
TOP=881.64
INV=865.30
TOP=874.67
INV=865.26
INV=865.15
INV=857.21
INV=856.99
TOP=864.82
INV=850.42
TOP=859.07
INV=850.03
INV=849.88
INV=850.40
TOP=858.30
INV=852.67
INV=852.68
TOP=880.60
INV=859.28
INV=859.52
TOP=867.14
INV=859.51
+99.71 EXIST. R/W
861.26' LANE TRANSITION LEFT
+31.48 -L- 27.90
+76.01 -L- 26.40
+46.53 EXIST. R/W, 60.00', 86.78'
+90.00 60.00', 90.00'
459.07' TRANSITION RT.
HEADWALL SEE DETAIL ON SHT. 2-0 & FLOOD PLAIN BENCH DETAIL "AC"
PROP. - 44 L.F. OF 12" WATER LINE
MATCHLINE STA.171+00.00 SHEET UC-5

REVISIONS
8/17/99

UTILITY CONSTRUCTION PLANS PREPARED BY:
DAVIS • MARTIN • POWELL ENGINEERS & SURVEYORS
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