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8/17/99

REVISIONS

2/28/2017
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USER:Rdaniel

SEPI ENGINEERING & CONSTRUCTION
1025 Wade Avenue
Raleigh, NC 27605
Tel:919-789-9977
Fax:919-789-9591
License: C-2197

PROJECT REFERENCE NO.	SHEET NO.
U-3621A	7
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 33871 ENGINEER DANIEL W. GARDNER
4/12/2017
DocuSigned by: Daniel W. Gardner, Jr.

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 039785 ENGINEER CRAIG A. FREEMAN
4/10/2017
DocuSigned by: Craig A. Freeman Jr.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L- SR 1604 HUNTER HILL ROAD
AT -Y6- NICODEMUS MILL
AND -Y7- BUNN AVENUE

2017 ADT 2040 ADT	-Y7- BUNN AVENUE 1915 / 2900	
755 / 1000		670 / 1000
17555 / 27000	SR 1604 -L-	21740 / 33400
555 / 800	-Y6- NICODEMUS MILL	4820 / 7200
	5865 / 8900	

-L-
PI Sta 66+10.12
△ = 17° 33' 09.6" (LT)
D = 1° 54' 35.5"
L = 919.06'
T = 463.16'
R = 3,000.00'
SE = SEE PLANS

-Y7-
PI Sta 13+70.84
△ = 30° 53' 38.8" (RT)
D = 19° 05' 54.9"
L = 161.76'
T = 82.90'
R = 300.00'
SE = SEE PLANS

NAD 83/95

★ PROPOSED TRAFFIC SIGNAL

THE KEMP D. BATTLE HOUSE
HISTORIC PROPERTY

HISTORIC PROPERTY
THE SHEARIN HOUSE

-Y7- POT Sta. 10+00.00
BEGIN CONSTRUCTION -Y7- STA.10+25.00
BEGIN GRADE -Y7- STA.11+00.00
-Y7- PC Sta. 12+87.94
-Y7- PT Sta. 14+49.71
-L- POT STA.73+43.27 = -Y6- POT STA.10+00.00 = -Y7- POT STA.14+60.53
-L PC Sta. 77+78.30
-L PT Sta. 70+66.02
-L- POC STA.65+63.22 = -Y5- POT STA.10+00.00
-Y5- POT Sta. 14+16.92
-Y6- POT Sta. 13+90.37
MATCHLINE -L- STA. 65+00.00 SEE SHEET 6
MATCHLINE -L- STA. 78+00.00 SEE SHEET 8

BUNN AVE 21' BST
ELIZABETH LN BST
HUNTER HILL RD SR 1604
S 0° 57' 13.4" W
S 43° 20' 46.6" W
S 52° 52' 22.2" W
S 53° 21' 10.4" E
S 39° 41' 00" W 753.34'

ROGER WAYNE HARDY
DB 2556 PG 192
52
102.30' S53°43'29"E
157.70' N44°01'31"E
112.28' S52°02'00"E

WYATT W. BAILEY
DB 637 PG 103
PB 4 PG 60
55
140.00' S51°27'39"E
163.26' S46°16'47"W

DELORES GAIL OWENS
DB 2567 PG 474
56
151.89' S53°54'43"E
0.67' EIP TO R/W
335.41' S38°37'31"W
174.70' S38°37'31"W
168.50' S31°44'31"W

NICOLA L. STEELE
DB 2459 PG 603
60

BRUCE M. & ASHLEY M. BERRY
DB 2536 PG 146
61

WILLIAM L III & EVE C BEASLEY
DB 1398 PG 556
64

COVE DEVELOPMENT CO.,LLC
DB 2217 PG 365
58
108.89' -L- N51°38'21"W
108.83' S27°27'56"W
107.52' S43°27'25"W

KRISTEN DIANE PRICE
DB 2417 PG 797
57
51.71' S63°04'01"E

TAMEKA N. TITUES HINES
DB 2619 PG 28

RODNEY & NEKUELIA FREEMAN
DB 2024 PG 469
PB 7 PG 73
54
END GRADE -Y5- STA.11+75.00
200.62' S51°11'53"E

EVA M KING
DB 873 PG 653
PB 7 PG 73
53
89.58' S39°54'24"E

MICHAEL & SHARON JOHNSON
DB 1705 PG 532
PB 7 PG 73
16.83' S43°18'07"W
16.83' S43°18'07"W
200.00' N46°53'33"W

AUDREY C. WATSON
DB 2694 PG 528
PB 7 PG 73
95.01' S41°46'59"E
199.92' S46°44'35"E
99.84' S43°18'08"W
0.29' EIP TO R/W

WRAY & JANNOTTA FAULKNER
DB 2330 PG 1866
PB 24 PG 330
58A
135.76' S56°09'54"E

LOUIS B. WEEKS
DB 1443 PG 884
PB 22 PG 89
59
2SFD

COVE DEVELOPMENT CO.,LLC
DB 2217 PG 365
PB 24 PG 330

PARKWOOD BAPTIST CHURCH
ISBK

PARKWOOD MISSIONARY BAPTIST CHURCH
DB 1252 PG 120
PB 22 PG 76
62
172.94' S51°27'32"E

BARBARA H BRADSHAW
DB 884 PG 578
63

SHERRY P LEONARD
DB 1532 PG 14
65
N5°39'56"E 82.01'

NOTE: DO NOT DISTURB WALL
NOTE: WALL TO BE RELOCATED BY OWNER (REFER TO GREEN SHEET)
NOTE: EASEMENT FOR LANDSCAPING (SEE SEPARATE PLANS) PLANTING TO BE DONE BY ROADSIDE ENVIRONMENTAL UNIT (REFER TO GREEN SHEET)
NOTE: NEW DRIVE TO BE NEGOTIATED WITH PROPERTY OWNER (DO NOT REINSTALL DRIVE IN THIS LOCATION)

SPECIAL LATERAL 'V' DITCH SEE DETAIL "B"
SPECIAL LATERAL 'V' DITCH W/ PSRM SEE DETAIL "C"
CLASS 'B' RIP RAP EST. 5 TONS EST. 14 SY GEOTEXTILE
CLASS 'B' RIP RAP EST. 2 TONS EST. 7 SY GEOTEXTILE
GRADE TO DRAIN
END GRADE -Y6- STA.13+00.00
END CONSTRUCTION -Y6- STA.13+90.37

DETAIL "B"
SPECIAL LATERAL 'V' DITCH
(Not to Scale)
Natural Ground, 3:1, 3:1 or Flatter, D, Fill Slope
Min. D=0.5 Ft.
-Y7- STA. 10+75 TO -Y7- STA. 12+74 (LT.)

DETAIL "C"
SPECIAL LATERAL 'V' DITCH
(Not to Scale)
Natural Ground, 3:1, d1, D, 4:1 or Flatter, Fill Slope
Min. D= 1.4 Ft.
Max. d= 1.4 Ft.
Type of Liner= PSRM
-Y7- STA. 10+75 TO -Y7- 12+90 (RT.)
PSRM = 201 SY

NOTES:
1. ALL DRIVEWAYS ARE 20' IN WIDTH UNLESS SHOWN ON THE PLANS
2. SEE PAVEMENT MARKING PLANS FOR ACTUAL LOCATION OF CURB RAMPS.
3. SEE SHEET 10 FOR -L- PROFILE
4. SEE SHEET 12 FOR -Y5- PROFILE
5. SEE SHEET 12 FOR -Y6- PROFILE
6. SEE SHEET 12 FOR -Y7- PROFILE