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8/17/99

PROJECT REFERENCE NO.	SHEET NO.
U-3330	11
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 37265 ENGINEER STEVEN ANTHONY DINKINS
10/6/2017

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 22384 ENGINEER DAVID P. BOOCHEVER
10/6/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-Y3RPB-

PIs Sta 10+60.00	PI Sta 12+68.57	PI Sta 16+13.10
Θs = 2° 04' 45.4"	Δ = 16° 23' 21.1" (LT)	Δ = 19° 53' 57.1" (LT)
Ls = 90.00'	D = 4° 37' 14.3"	D = 5° 58' 05.9"
LT = 60.00'	L = 354.70'	L = 333.41'
ST = 30.00'	T = 178.57'	T = 168.40'
	R = 1,240.00'	R = 960.00'
	SUPER = 0.045	

TRAFFIC DIAGRAM

ADT 2017 / ADT 2037

NC 4348 — 23,000 / 28,000

-L- 25,500 / 31,100 — 3,200 / 4,000 — 1,800 / 2,100 — 24,400 / 29,600 -L-

US 301 BYPASS — 400 / 500 — 700 / 900

19,100 / 23,300 NC 4348

NAD 83/95

-Y3RPB- PT Sta. 17+78.11

MATCHLINE -L- STA. 119+00 SEE SHEET 10

HAMBONE DOG PROPERTIES LLC
DB 2170 PG 85
(70)

NO CLAIM
GMRI A FLORIDA CORP.
DB 2422 PG 946
(72)

KANCOV INVESTMENTS PRTNSHP
DB 1452 PG 372
(74)

HENDON GOLDENEAST OUT PARCEL LLC
DB 2296 PG 634
NO CLAIM
(75)

END CONSTRUCTION
-Y3RPB- POC Sta. 14+94.70

-Y3RPB- PCC Sta. 14+44.70

-Y3RPB- TS Sta. 10+00.00
-L- POT Sta. 123+48.21
(52.5' LT.)

-Y3RPB- SC Sta. 10+90.00

+94.70 -Y3RPB-
68.44'
END WW FENCE

150' LEFT TURN TAPER

PROP. 47" WW FENCE

SPECIAL CUT DITCH SEE DETAIL 11-1

PROP. 5" MONO. ISLAND

15" RCP-III

15" RCP-IV

18" RCP-IV

24" RCP

30" RCP

12" RCP

42" RCP

TB JB w/MH

JB w/MH

REMOVE 10 LF

ADJUST MH

COLLAR AND EXTEND

LOCATE & REMOVE EXISTING JB

-BL- #GPS U3330-5 PINC

BM#3
-BL-120+82 188' RT
ELEV.=110.68'

S 61°43'47" W
405.76'

S 88°08'47" W
536.60'

+71.47 -L-
105.70'

+87.00 -L-
100.00'
END WW FENCE

+47.00 -L-
100.00'
BEGIN WW FENCE

+94.00 -L-
100.00'
END WW FENCE

+54.00 -L-
100.00'
BEGIN WW FENCE

+89.26 -L-
100.00'
END WW FENCE

N 61° 43' 05.8" E

150' STORAGE

20' TYP.

THOMAS G. CLIETT
DB 1130 PG 87
(71)

CHAMBLISS & RABIL PROPERTIES LLC

JAN H. BASS
DB 2704 PG 395
(73)

HILLMAN D BASS JR. &WIFE JAN H.
DB 1168 PG 536

HATTIE T. BARRETT
UNKNOWN

ISSTONEBUS
ISBKBUS
ISBKBUS
ISBKBUS
ISBKBUS

BENEVOLENCE RD 60' BST
NC 43 BENEVOLENCE RD 60' BST
2 SPAN CONC BRIDGE
SEAT ELEV. = 133.50'
APPROX. LOCATION
SIDE LINK
WOODS

END TIP PROJECT U-3330
-L- POT Sta. 131+15.00

ACCESS BREAK
ACCESS BREAK

TRAFFIC DIAGRAM

ADT 2017 / ADT 2037

-L- 25,700 / 31,300 — 25,500 / 31,100 -L-

US 301 BYPASS — 300 / 400 — 100 / 200

400 / 600 LIBERTY LN

DRIVEWAY RADII ARE 25' UNLESS OTHERWISE NOTED

FOR -L- PROFILE SEE SHT.19 & 20
FOR -Y3RPB- PROFILE SEE SHT.23
SEE SHT.2D-1 FOR DITCH DETAILS

CALYX
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Formerly Mulkey Engineers & Consultants
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4/5/2017
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Ekevis