PROJECT REFERENCE NO.	SHEET NO.
W-5306	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 024705 ENGINEER EVANS COOKE — 8/1/14 — DIVISION DESIGN ENGINEER

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 15764 ENGINEER JAMES A. BIRD — 7/31/14

PI Sta 38+55.25 -L-
Δ = 23° 56' 03.0" (RT)
D = 4° 05' 33.2"
L = 584.82'
T = 296.74'
R = 1,400.00'

PI Sta 25+49.04 -L2-
Δ = 21° 19' 54.1" (RT)
D = 3° 57' 05.2"
L = 539.85'
T = 273.09'
R = 1,450.00'

NO GRID NO NORTHS 2007

BEGIN CONSTRUCTION
-L- POT STA. 30+67.48

-L- POT Sta. 30+67.48

END WIDENING
-L- STA. 33+55.41

BEG. WIDENING
-L- STA. 33+11.17

-L- 30+50

-L- 38+75
SEE SHEET 5

-L2- 30+50
SEE SHEET 5

-L2- PC Sta. 22+75.95

-L2- PT Sta. 28+15.80

-L- PC Sta. 35+58.52

-L- 35

-L2- 25

-L2- 30

23' INC.

-L- 34+20.52

1 Albert Carl Daniels
DB 1450 PG 712
MB 3 PG 41

1A Leebart Properties, LLC
DB 2232 PG 0852
MB 3 PG 41

3 Hurson and Nisper, Inc.
DB 1642 PG 902
MB 3 PG 41

5 Phillip H. Berman
DB 5459 PG 2918
MB 3 PG 41

2 Ronald Edward Dombroski
DB 1353 PG 1355
MB 3 PG 41

4 Glenda Rooks Eason
DB 5366 PG 544
MB 3 PG 41

US 117 / NC 132

N 36° 53' 15.0" W

N 37° 06' 27.3" W

N 15° 46' 33.2" W

R/W

R=10'

R=20'

RETAIN 15"RCP

4' P.S.

24'

EXISTING

100' TRANSITION LT. & RT.

CFPUA 12" PVC

SANITARY FORCE MAIN VALVE

DUKE PROGRESS

GTD

ASPHALT

GRAVEL

Scale 1" = 60' (Half Size Sheet, 11x17)
Scale 1" = 30' (Full Size Sheet, 22x34)

30' 0 30' 60'

REVISIONS

8/17/99

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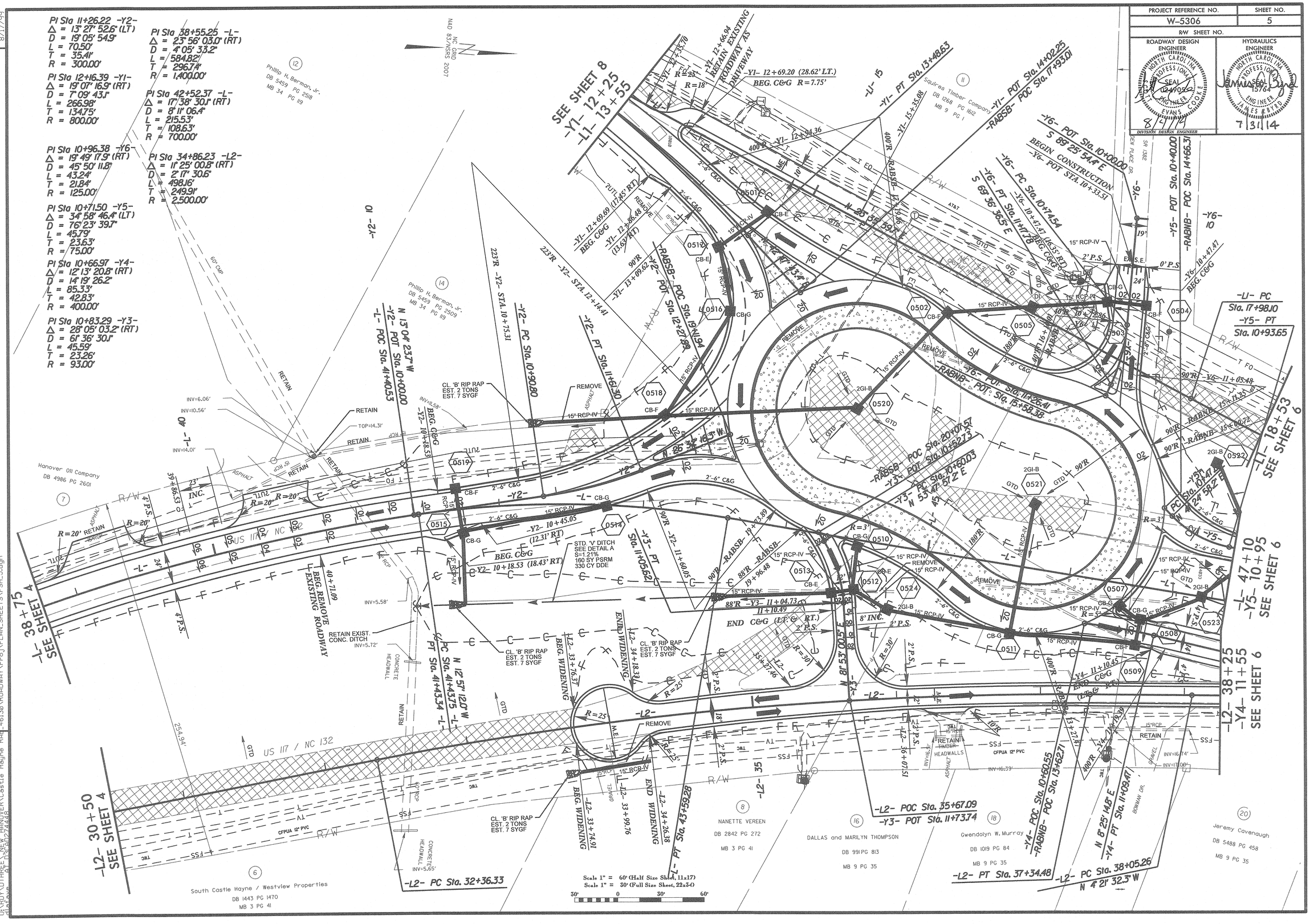
PROJECT REFERENCE NO.	SHEET NO.
W-5306	5
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 024902 ENGINEER JOHN ALEXANDER COOKE EVANS — 8/2/14 — DIVISION DESIGN ENGINEER

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 19764 ENGINEER JAMES WEBB BARD — 7/31/14



REVISIONS

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PROJECT REFERENCE NO.	SHEET NO.
W-5306	6
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 024905 ENGINEER — EVANS COOK — 8/14/14

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 19764 ENGINEER — JAMES A. BIRD — 7/31/14

DIVISION DESIGN ENGINEER

PI Sta 22+14.47 -L1-
Δ = 18° 54' 41.6" (LT)
D = 2° 17' 30.6"
L = 825.17'
T = 416.37'
R = 2,500.00'

PI Sta 11+94.57 -Y4-
Δ = 6° 20' 53.0" (LT)
D = 9° 32' 57.5"
L = 66.48'
T = 33.27'
R = 600.00'

PI Sta 42+40.41 -L2-
Δ = 9° 02' 50.4" (RT)
D = 1° 02' 30.3"
L = 868.48'
T = 435.15'
R = 5,500.00'

NC GRID NAD 83/NSRS 2007

Castle Hayne Fire Department
DB 1201 PG 50

Jung Pierce
DB 1663 PG 632

Dirk Swart
DB 1762 PG 1120

Castle Hayne Junction PTNS
DB 1432 PG 1817

SR 1338 PRINCE GEORGE AVE.

-Y10- POT Sta. 10+00.00 -Y10- 10

BEGIN CONSTRUCTION
-Y10- POT STA. 11+13.00

-Y4- PC Sta. 11+61.30

-Y4- POT Sta. 12+78.45
-L2- POC Sta. 39+44.55
(14.78' LT)

-Y4- PT Sta. 12+27.77

-Y5- 13+30.00
END REMOVE EXISTING ROADWAY

-L1- PT Sta. 26+23.27
-L- 54+76.13 END WIDENING

-L- 18+53
SEE SHEET 5

-L- 47+10
-Y5- 10+95
SEE SHEET 5

-L2- 38+25
-Y4- 11+55
SEE SHEET 5

-L- 55+25
SEE SHEET 7

-Y5- 11+09.00
END CG&G

-Y5- 11+24.39
BEG. CG&G

-Y10- POT Sta. 15+91.58
-L- POT Sta. 52+59.68
BEG. WIDENING

-L- POT Sta. 11+82.05

-Y5- 15

-L- 50

-L- 20

-L- 25

-L- 55

-L- 40

-L- 45

RETAIN EXIST. SHOULDER FOR U-TURN MOVEMENT.

R=55'

R=60'

EX. S.E.

DUKE PROGRESS

AT&T FIBER OPTIC HAND HOLE

EXISTING SEWER LIFT STATION

STREET SIGN WITH POWER

OVERHEAD TRAFFIC SIGN

15" RCP-IV

CB-G

CB-E

0601

0602

N 6°26' 11.7" E

N 4° 41' 18.5" E

N 2° 04' 21.8" E

S 83° 39' 12.7" E

SPECIAL LAT. DITCH SEE DETAIL B

4' P.S.

2' P.S.

2' LTL

1'-6" C&G

US 117 / NC 133

200'R

30'R

6'R

4'R

8'R

5.8'R

26.8'

11'

28'

24'

18.5'

24.6'

18.6'

36'

26.5'

14'

12'

RETAIN

15"RCP

CONC. FOOTER

TOP=17.64'

INV=14.46'

INV=14.93'

INV=15.07'

INV=16.39'

INV=16.30'

INV=16.66'

INV=17.02'

CONC. HEADWALL

GRAVEL

SOIL

CFPUA 12" PVC

SANITARY FORCE MAIN VALVE

-Y10- POT Sta. 12+04.20
-L- POT Sta. 52+03.30

BEG. GRASS MEDIAN
-L- 52+30.74

END WIDENING
BEG. RESURFACING
MATCH EXISTING
PAVEMENT WIDTH
-L- 51+72.51

END GRASS MEDIAN
-L- 55+24.47

REMOVE OVERHEAD SIGN SYSTEM

50' TRANSITION RT.

-L2- 38+56.38

-L2- 39+95.82

-L2- 40+94.46

Jeremy Cavenaugh
DB 5488 PG 458
MB 9 PG 35

William E. Garner, Jr.
DB 877 PG 551
MB 9 PG 35

DAVID F HUGGINS REV LIV TR ETAL
DB 5170 PG 2783
MB 48 PG 150

GENE C. RIDDLE
KYONG C. RIDDLE
DB 5055 PG 234

SGAANS, LLC
DB 2119 PG 886

JAYNE SMITH
DB 4642 PG 609
DB 598 PG 325 (R/W)

Scale 1" = 60' (Half Size Sheet, 11x17)
Scale 1" = 30' (Full Size Sheet, 22x34)

30' 0 30' 60'

REVISIONS

8/17/8

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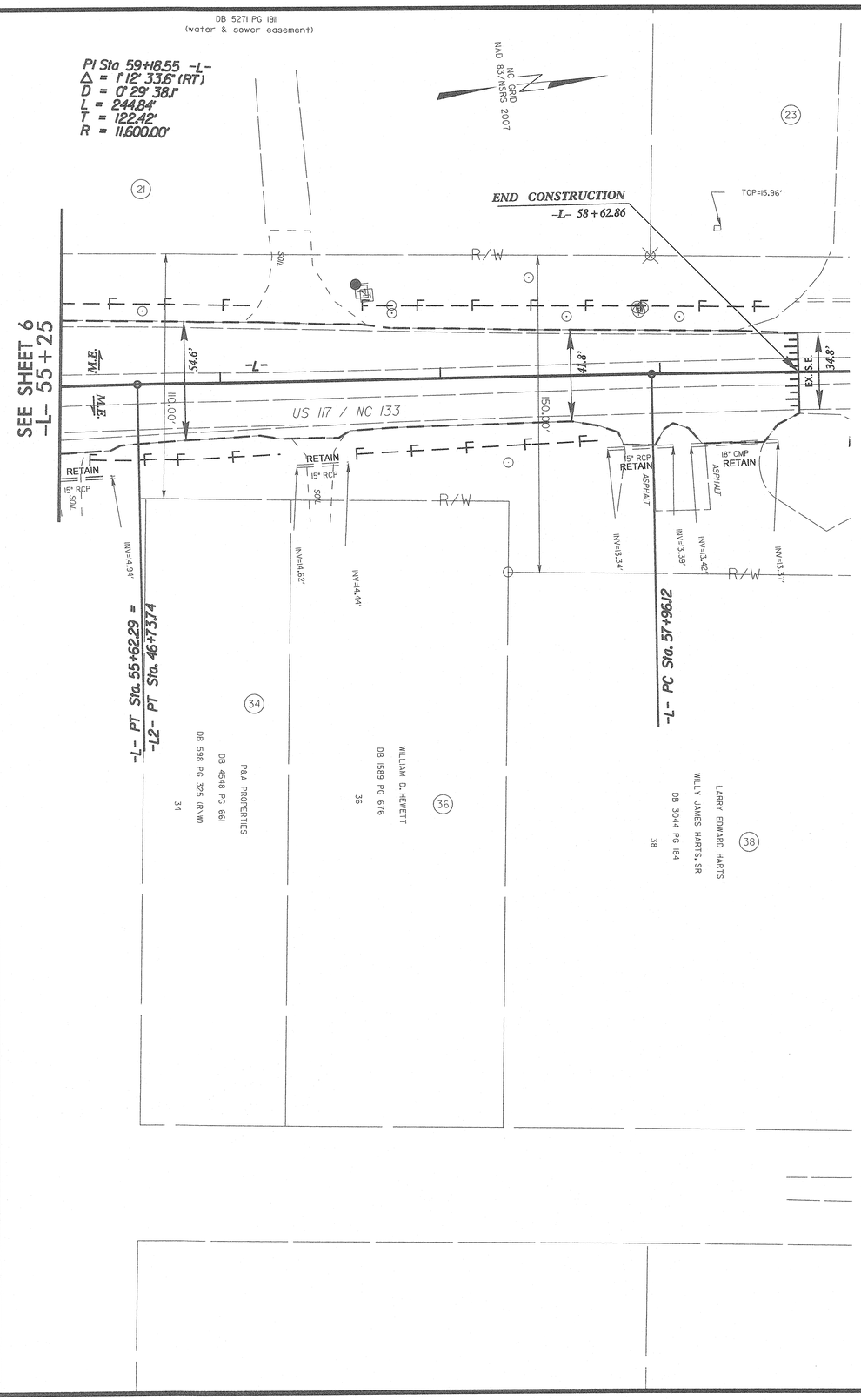
PROJECT REFERENCE NO.	SHEET NO.
W-5306	7
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 024405 ENGINEER SCOTT EVANS COOK
8/1/14
DIVISION DESIGN ENGINEER

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 15764 ENGINEER JAMES A BYRD
7/31/14



Scale 1" = 60' (Half Size Sheet, 11x17)
Scale 1" = 30' (Full Size Sheet, 22x34)
30' 0 30' 60'

REVISIONS

8/17/99

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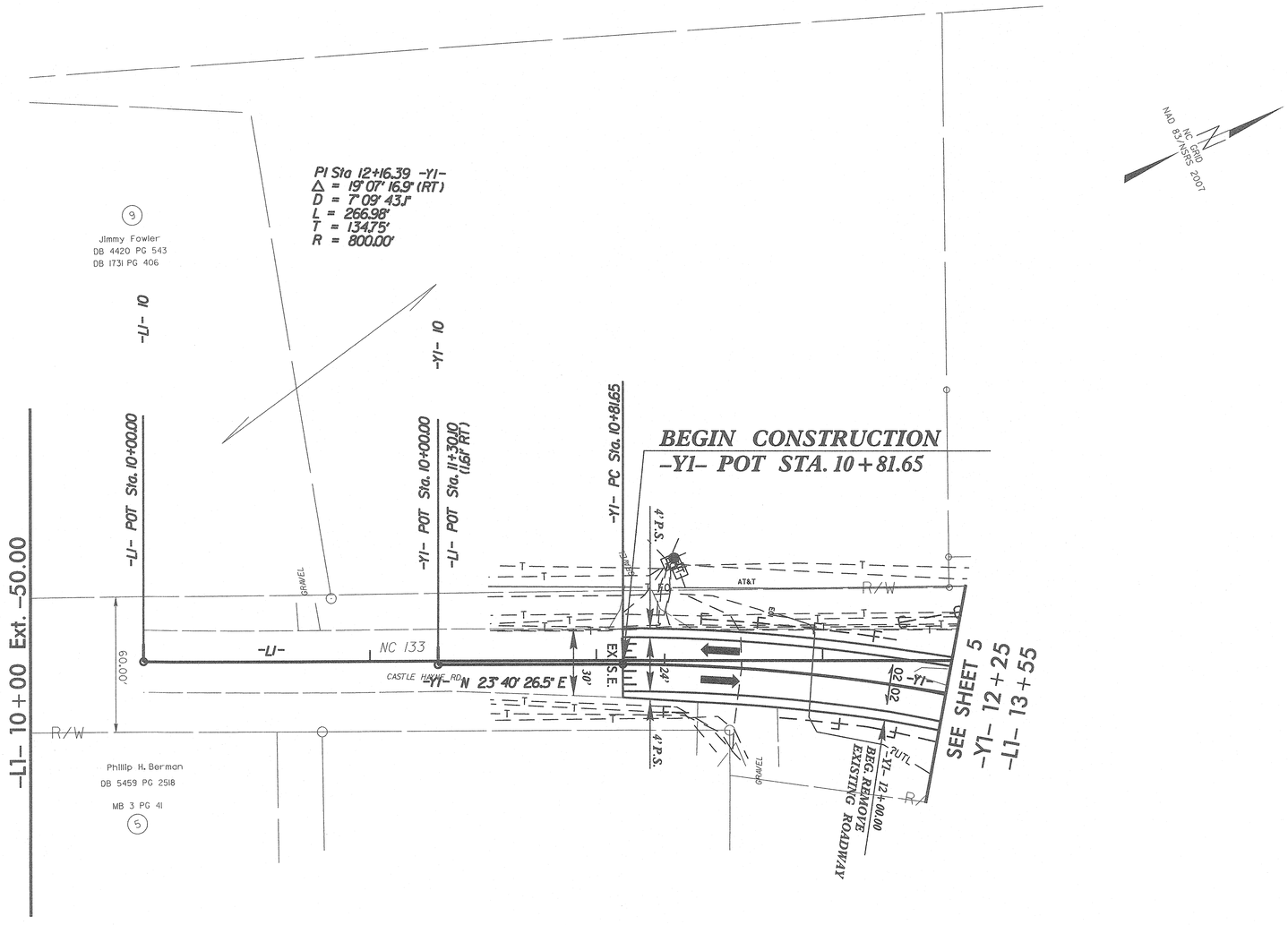
PROJECT REFERENCE NO.	SHEET NO.
W-5306	8
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 024905 ENGINEER — JOHN T. EVANS COOKE — 8/4/14 — DIVISION DESIGN ENGINEER

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 015764 ENGINEER — JAMES A. BYRD — 7/31/14



Scale 1" = 60' (Half Size Sheet, 11x17)
Scale 1" = 30' (Full Size Sheet, 22x34)
30' 0 30' 60'

REVISIONS

8/17/99

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