09/08/99

WBS #: HICKORY TREE RD & MENDENHALL RD

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HICKORY TREE	1	11

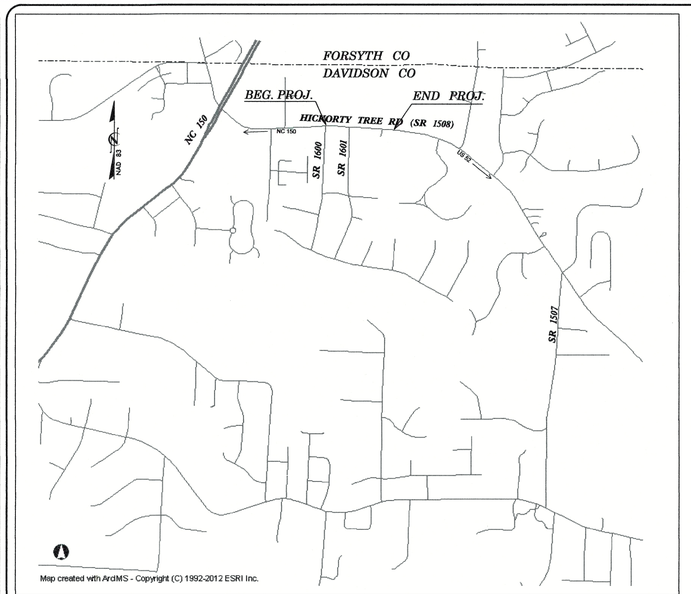
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

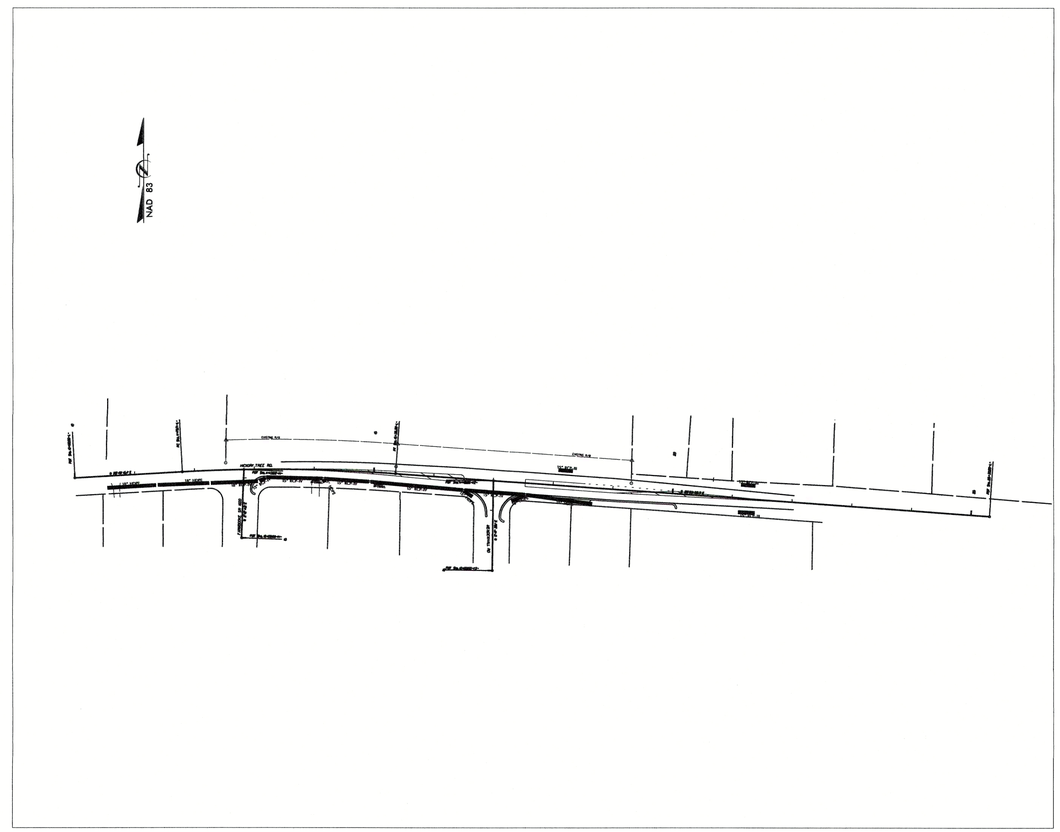
DAVIDSON COUNTY

LOCATION: INTERSECTION OF HICKORY TREE RD (1508) AND MENDENHALL RD (1601)

TYPE OF WORK: GRADING, PAVING, DRAINAGE



VICINITY MAP NTS



LEGEND

EXISTING EDGE OF PAVEMENT
EXISTING BACK OF CURB
EXISTING EDGE OF TRAVEL WAY
EXISTING CONCRETE ISLAND
PROPOSED EDGE OF PAVEMENT
PROPOSED BACK OF CURB
PROPOSED LANE LINES
(NOTE: STRIPING WILL BE DRAWN UP BY TRAFFIC SERVICES)
PROPOSED CONCRETE ISLAND
EXISTING RIGHT-OF-WAY LINE
PROPOSED RIGHT-OF-WAY LINE
EXISTING PROPERTY LINE
PROPOSED EASEMENT CONSTRUCTION
PROPOSED TOE OF SLOPE
PROPOSED CUT/FILL SLOPE

UTILITIES & STRUCTURES

UTILITY & SIGNAL POLE
POWER POLE
TELEPHONE PEDESTAL
GUY WIRE
SIGNAL BOX
SANI.SEWER MANHOLE
SANI.SEWER CLEANOUT
WATER METER
WATER VALVE
FIRE HYDRANT
GAS METER
GAS VALVE
CATCH BASIN & DI'S
GUARDRAIL
FENCE
SIDEWALK
TREE
HEDGE ROW
WOOD LINE

EROSION CONTROL LEGEND

ROCK INLET PROTECTION:

896.01	TYPE A	A OR A
896.02	TYPE B	B OR B
896.03	TYPE C	C OR C
897.01	ROCK PIPE INLET PROTECTION	
N/A	PIPE OUTLET ENERGY DISSIPATOR	
N/A	DRAINAGE TURNOUT	
N/A	RIP-RAP LINED DITCH	
N/A	STREAM	
N/A	HIGH POINT/ WATER FLOW DIRECTION	X
245.01	SILT BASIN TYPE A	
245.02	SILT BASIN TYPE B	
245.03	TEMPORARY SILT DITCH	TSD
245.05	TEMPORARY DIVERSION DITCH	TD
100.01B	STORM DRAINAGE GE PIPE	
890.05	TEMP. SLOPE DRAIN W/ EARTH BERM	
892.01	TEMPORARY ROCK SEDIMENT DAM TYPE A	
892.02	TEMPORARY ROCK SEDIMENT DAM TYPE B	
	A BAFFLE IN A SEDIMENT DAM (1 EVERY 10')	
892.04	TEMPORARY ROCK SILT CHECK TYPE A	
893.01	TEMPORARY SILT FENCE	
894.01	ROCK SILT SCREEN	
895.10	TEMPORARY ROCK SILT CHECK TYPE B	
N/A	WATTLE	

GRAPHIC SCALES

0 20
PLANS

0
PROFILE (HORIZONTAL)

0
PROFILE (VERTICAL)

DESIGN DATA

NTS

PROJECT LENGTH

0.25 MILES

Prepared in the Office of:
DEPARTMENT OF TRANSPORTATION
DIV. 9 /DISTRICT II
375 Silas Creek Pkwy., Winston Salem NC, 27127

2012 STANDARD SPECIFICATIONS

COUNTY: DAVIDSON
W.O. NUMBER: 43399.1.1
PLAN SCALE: NA

DATE DRAWN	DRAWN BY
5/11/2012	NTS
REVISED DATE	DRAWN BY
04/16/2015	NTS

DISTRICT ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R ARCHER
8/14/2015

SIGNATURE: P.E.

DIVISION TRAFFIC ENGINEER

SIGNATURE: P.E.

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

04-AUG-2015 08:58
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gguntier AT D9CAD268340

PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	2
R/W SHEET NO.	1 OF 3
DISTRICT ENGINEER	HYDRAULICS ENGINEER

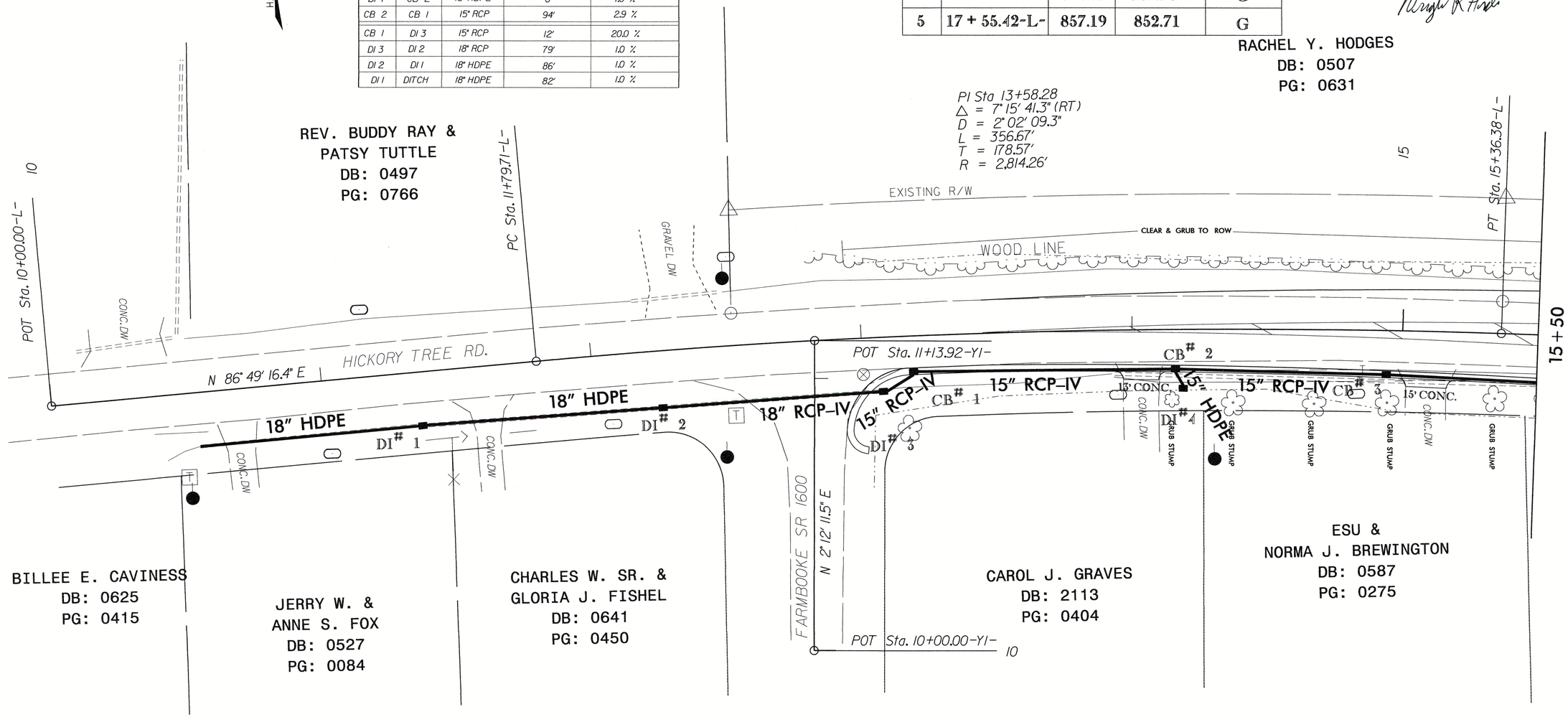
NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R. ARCHER 8/4/2015

Wright R Archer

PIPE TABLE DATA

From	To	Type	Length +/-	% Slope
DI 7	CB 5	15" HDPE	111'	2.2 %
DI 6	CB 5	15" HDPE	25'	1.0 %
CB 5	CB 4	15" RCP	101'	2.9 %
DI 5	CB 4	15" HDPE	18'	1.0 %
CB 4	CB 3	15" RCP	155'	2.1 %
CB 3	CB 2	15" RCP	75'	3.3 %
DI 4	CB 2	15" HDPE	6'	1.0 %
CB 2	CB 1	15" RCP	94'	2.9 %
CB 1	DI 3	15" RCP	12'	20.0 %
DI 3	DI 2	18" RCP	79'	1.0 %
DI 2	DI 1	18" HDPE	86'	1.0 %
DI 1	DITCH	18" HDPE	82'	1.0 %

CB	STATION	B.O.C.	INVERT	GRATE
1	13 + 18.81-L-	844.71	841.31	G
2	14 + 15.90-L-	847.43	844.03	G
3	14 + 94.17-L-	849.89	846.49	G
4	16 + 51.60-L-	854.57	849.78	G
5	17 + 55.42-L-	857.19	852.71	G



PIPES

Types	Total Length (Approx.)
15" RCP	513' +/-
15" HDPE	161' +/-
18" RCP	79' +/-
18" HDPE	168' +/-

DRAINAGE STRUCTURES

Structures	Grate Types	Total Amount (Approx.)
CB's	G	5
DI's	NARROW	7

20' 0' 20' 40' 60'
GRAPHIC SCALE

DATE	REVISIONS
11/18/14	DRAINAGE & ROW
1/13/15	ROW
2/6/15	ROW
4/06/15	PROP. ROW TO EX. ROW

Prepared In the Office of:
DEPARTMENT OF TRANSPORTATION
375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

2006 STANDARD SPECIFICATIONS
HICKORY TREE@ MENDENHALL
PROJECT NAME
NA
W.O. NUMBER
SR 1508 HICKORY TREE ROAD
SR # /ROAD NAME
DAVIDSON COUNTY

APP. BY DIST. ENG. DATE
APP. BY DIV. TRAFFIC ENG. DATE
4/06/15 NTS11
REVISED CHECKED BY
4/23/12 GWG
DATE DRAWN DRAWN BY
SCALE 1" = 20'

REVISIONS

8/17/99

04-AUG-2015 08:47
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PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	3
R/W SHEET NO.	2 OF 3
DISTRICT ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R. ARCHER 8/4/2015

CB	STATION	B.O.C.	INVERT	GRATE
1	13 + 18.81-L-	844.71	841.31	G
2	14 + 15.90-L-	847.43	844.03	G
3	14 + 94.17-L-	849.89	846.49	G
4	16 + 51.60-L-	854.57	849.78	G
5	17 + 55.42-L-	857.19	852.71	G

PIPES

Types	Total Length (Approx.)
15" RCP	513' +/-
15" HDPE	161' +/-
18" RCP	79' +/-
18" HDPE	168' +/-

DRAINAGE STRUCTURES

Structures	Grate Types	Total Amount (Approx.)
CB's	G	5
DI's	NARROW	7

PIPE TABLE DATA

From	To	Type	Length +/-	% Slope
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CB 2	CB 1	15" RCP	94'	2.9 %
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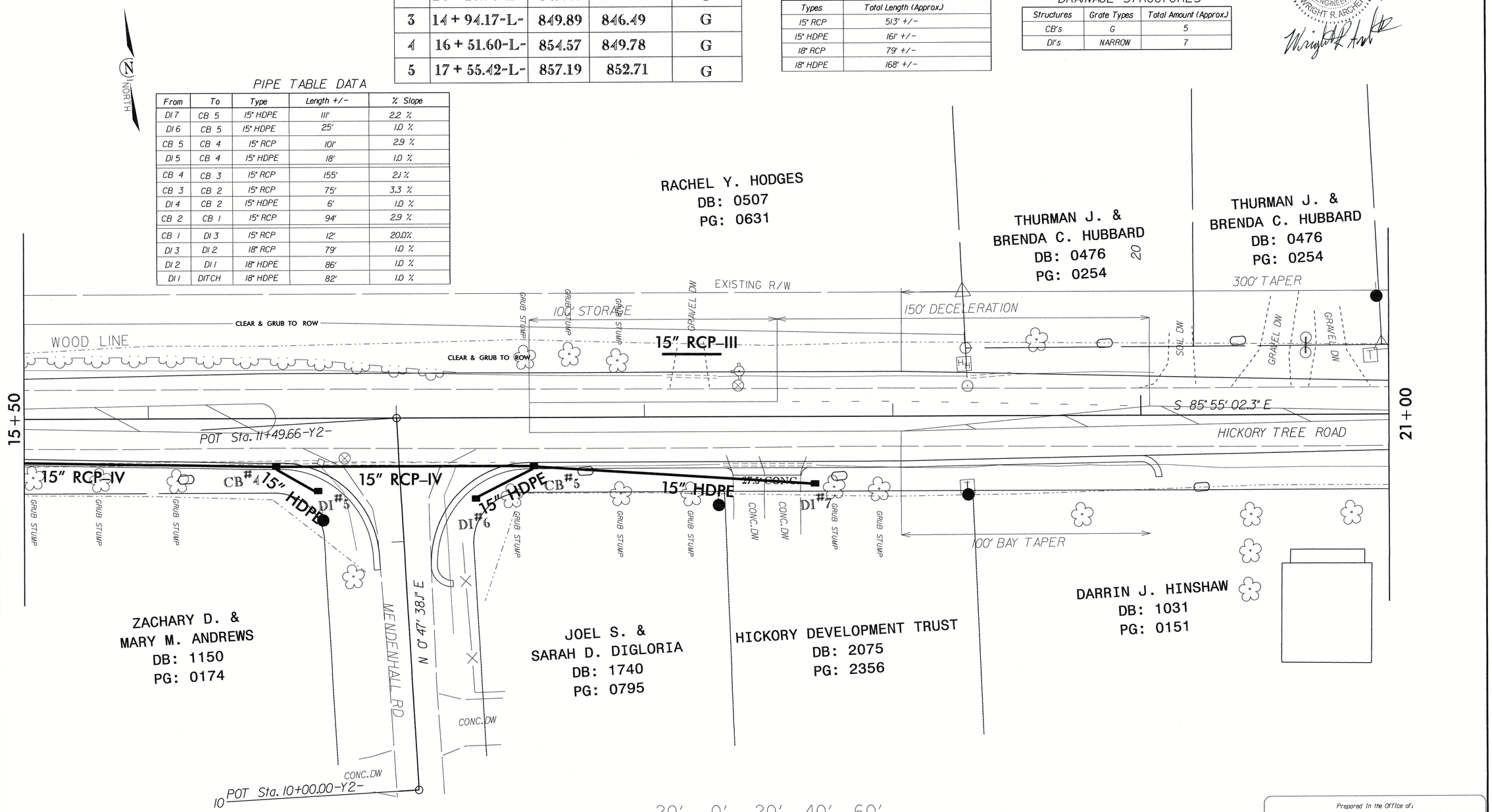

DATE	REVISIONS
11/18/14	DRAINAGE & ROW
1/13/15	ROW
2/06/15	ROW
2/13/15	PROP. ROW TO EX. ROW
4/6/15	STUMP REMOVAL

Prepared In the Office of:
DEPARTMENT OF TRANSPORTATION
375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

2006 STANDARD SPECIFICATIONS

PROJECT NAME: HICKORY TREE@ MENDENHALL

W.O. NUMBER: NA

SR # /ROAD NAME: SR 1508 HICKORY TREE ROAD

COUNTY: DAVIDSON

APP. BY DIST. ENG. — DATE

APP. BY DIV. TRAFFIC ENG. — DATE: 4/6/15 NTS11

REVISED: 4/23/12 — CHECKED BY: GWG

DATE DRAWN — DRAWN BY

SCALE 1" = 20'

REVISIONS

8/17/99

04-AUG-2015 08:45
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counter A1 D9ce2268340

PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	4
R/W SHEET NO.	3 OF 3
DISTRICT ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R. ARCHER 9/4/2015

DRAINAGE STRUCTURES

Structures	Grate Types	Total Amount (Approx.)
CB's	G	5
DI's	NARROW	7

PIPES

Types	Total Length (Approx.)
15" RCP	513' +/-
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18" HDPE	168' +/-

PIPE TABLE DATA

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CB 3	CB 2	15" RCP	75'	3.3 %
DI 4	CB 2	15" HDPE	6'	F/D
CB 2	CB 1	15" RCP	94'	2.9 %
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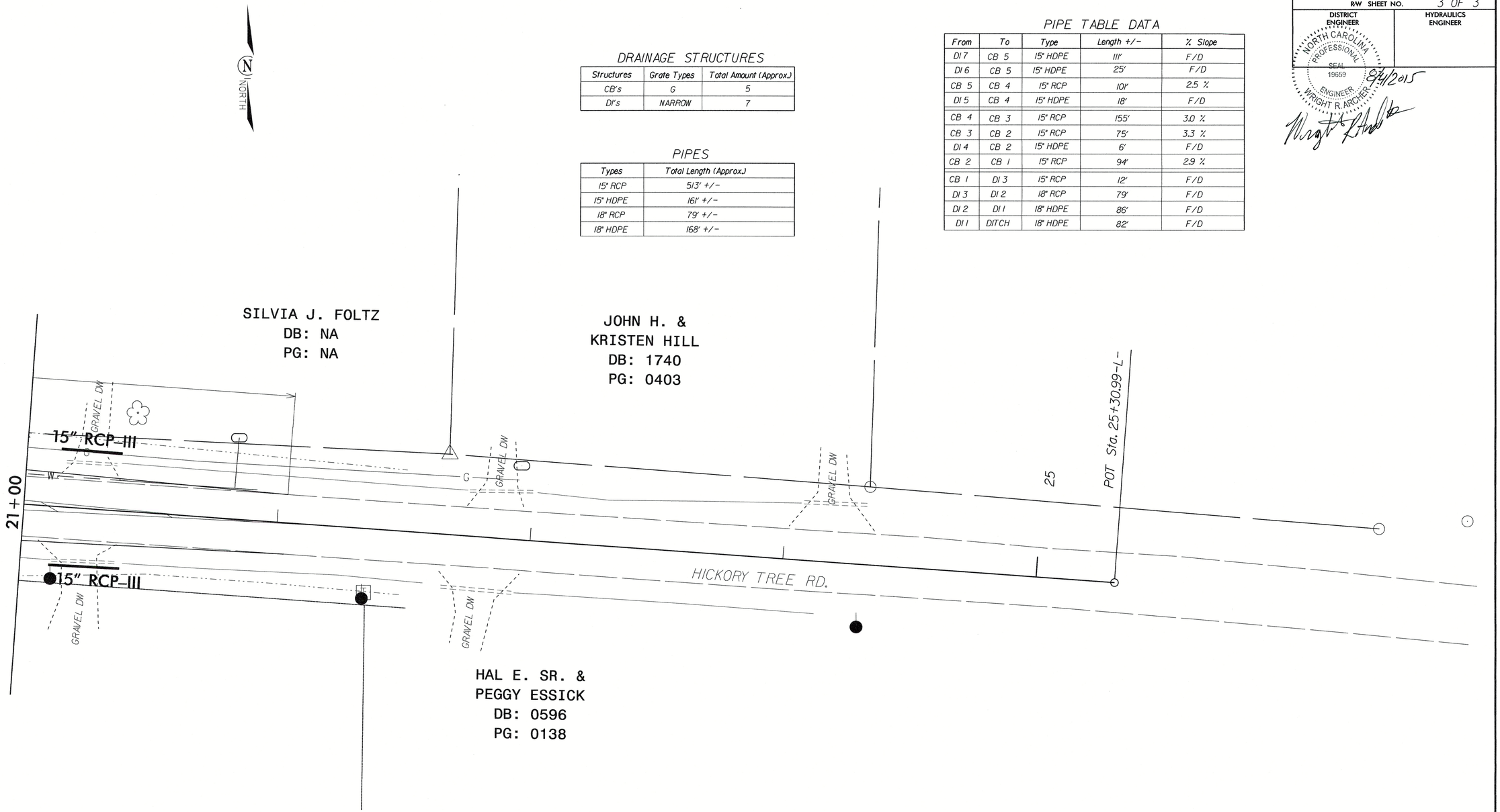

CB	STATION	B.O.C.	INVERT	GRATE
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2	14 + 15.90-L-	847.43	844.03	G
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4	16 + 51.60-L-	854.57	851.17	G
5	17 + 55.42-L-	857.19	853.79	G

20' 0' 20' 40' 60'
GRAPHIC SCALE

DATE	REVISIONS
11/18/14	DRAINAGE & ROW
1/13/15	ROW
2/06/15	ROW
2/13/15	PROP. ROW TO EX. ROW

Prepared In the Office of:
DEPARTMENT OF TRANSPORTATION
375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

2006 STANDARD SPECIFICATIONS

PROJECT NAME: HICKORY TREE@ MENDENHALL
W.O. NUMBER: NA
SR # /ROAD NAME: SR 1508 HICKORY TREE ROAD
COUNTY: DAVIDSON

APP. BY DIST. ENG. — DATE
APP. BY DIV. TRAFFIC ENG. — DATE: 11/18/14 NTS11
REVISED: 4/23/12 — CHECKED BY: GWG
DATE DRAWN — DRAWN BY
SCALE 1" = 20'

REVISIONS

8/17/99

04-AUG-2015 08:42
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pwuser AT DOPAD26332

PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	5
UTILITY SHEET NO.	1 OF 3
DISTRICT ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R. ARCHER 8/4/2015

PIPE TABLE DATA

From	To	Type	Length +/-	% Slope
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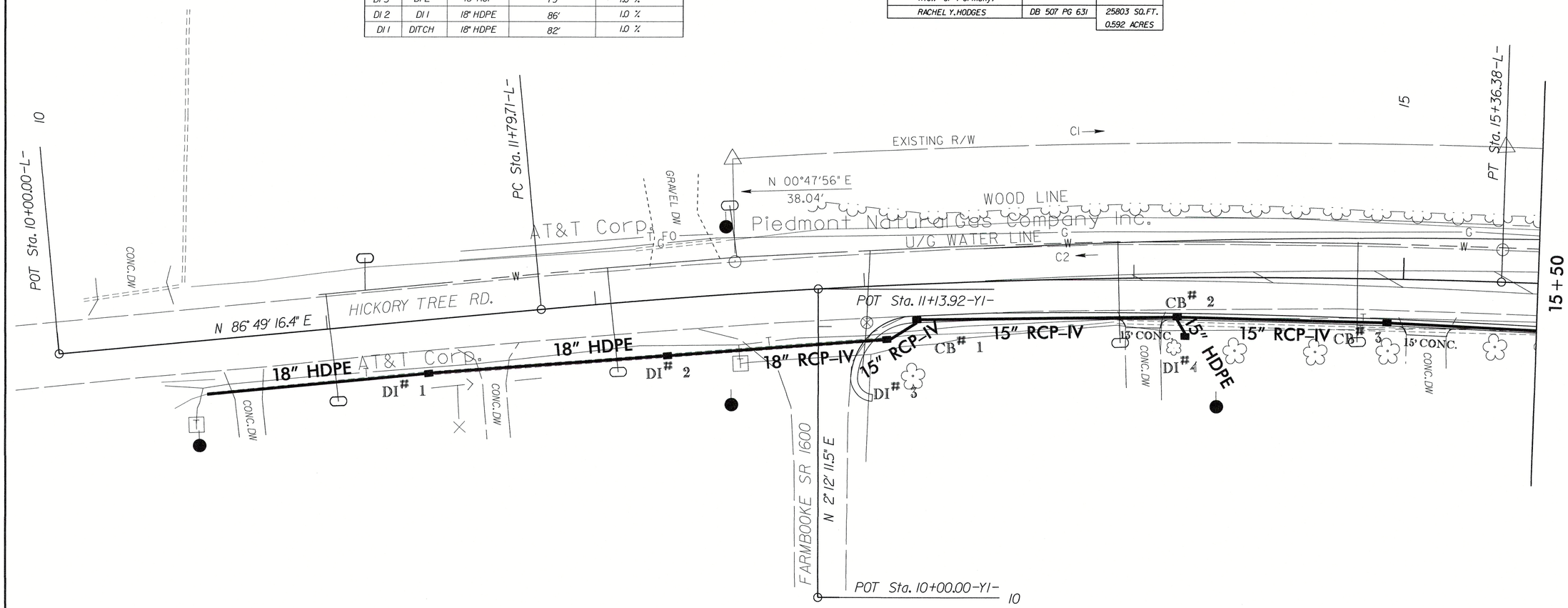
DI 3	DI 2	18" RCP	79'	1.0 %
DI 2	DI 1	18" HDPE	86'	1.0 %
DI 1	DITCH	18" HDPE	82'	1.0 %

CURVE TABLE

CURVE	LENGTH	RADIUS	CHORD	CH.BEARING
C1	287.19'	2864.26'	287.07'	S 88°47'23" E
C2	285.02'	2826.26'	284.89'	N 88°48'23" W

OWNER NAME (Now or Formally)	DB/ PG	ROW AREA
RACHEL Y. HODGES	DB 507 PG 631	25803 SQ.FT. 0.592 ACRES



PIPES

Types	Total Length (Approx.)
15" RCP	513' +/-
15" HDPE	161' +/-
18" RCP	79' +/-
18" HDPE	168' +/-

DRAINAGE STRUCTURES

Structures	Grate Types	Total Amount (Approx.)
CB's	G	5
DI's	NARROW	7

20' 0' 20' 40' 60'
GRAPHIC SCALE

DATE	REVISIONS
11/18/14	DRAINAGE & ROW
1/13/15	ROW
2/6/15	ROW
4/06/15	PROP. ROW TO EX. ROW

Prepared in the Office of:
DEPARTMENT OF TRANSPORTATION
375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

2006 STANDARD SPECIFICATIONS

HICKORY TREE@ MENDENHALL
PROJECT NAME

NA
W.O. NUMBER

SR 1508 HICKORY TREE ROAD
SR # /ROAD NAME

DAVIDSON COUNTY

APP. BY DIST. ENG. DATE

APP. BY DIV. TRAFFIC ENG. DATE
4/06/15 NTS11

REVISED CHECKED BY
4/23/12 GWG

DATE DRAWN DRAWN BY

SCALE 1" = 20'

8/17/99

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counter 01 DSCAD268342

PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	6
UTILITY SHEET NO.	2 OF 3
DISTRICT ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R. ARCHER 8/4/2015

PIPES

Types	Total Length (Approx.)
15" RCP	513' +/-
15" HDPE	161' +/-
18" RCP	79' +/-
18" HDPE	168' +/-

DRAINAGE STRUCTURES

Structures	Grate Types	Total Amount (Approx.)
CB's	G	5
DI's	NARROW	7

CURVE TABLE

CURVE	LENGTH	RADIUS	CHORD	CH.BEARING
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PIPE TABLE DATA

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DI 5	CB 4	15" HDPE	18'	1.0 %
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CB 3	CB 2	15" RCP	75'	3.3 %
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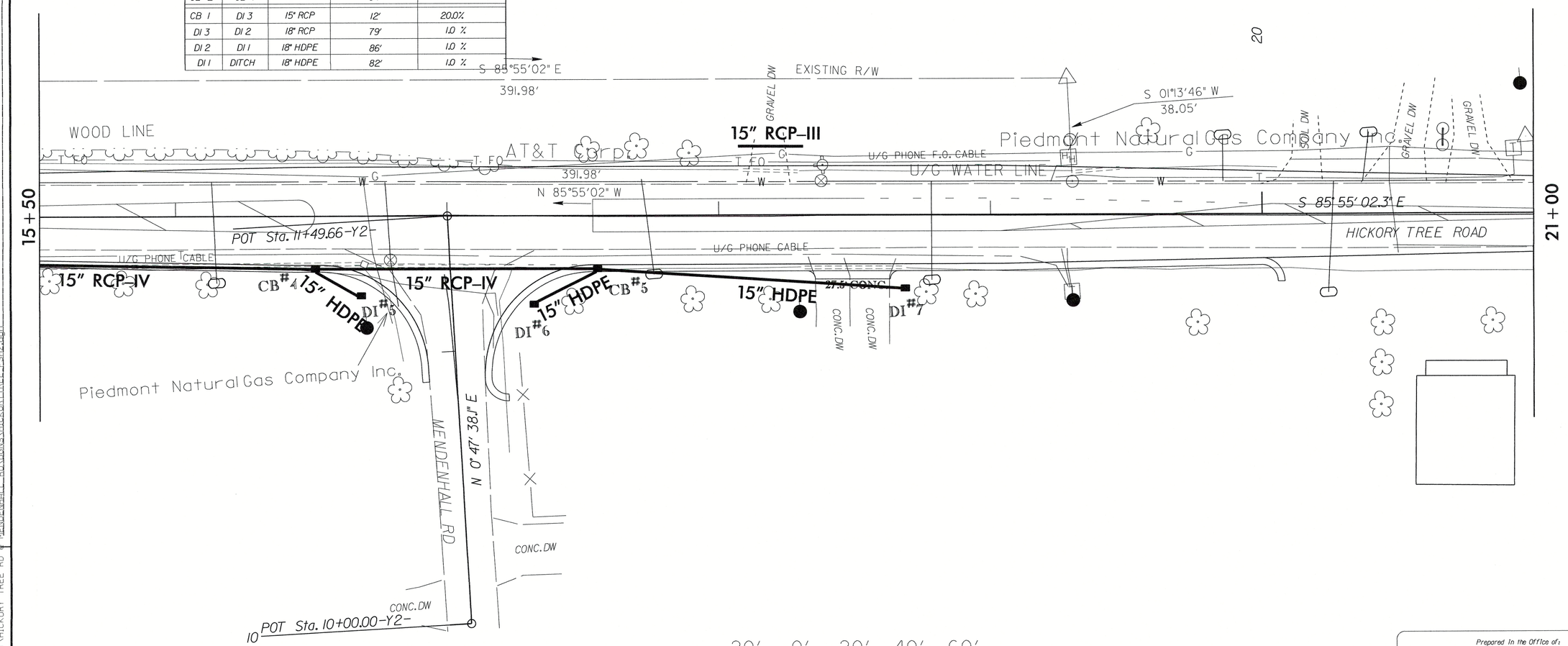
OWNER NAME (Now or Formally)	DB/ PG	ROW AREA
RACHEL Y.HODGES	DB 507 PG 631	25803 SQ.FT. 0.592 ACRES



DATE	REVISIONS
11/18/14	DRAINAGE & ROW
1/13/15	ROW
2/06/15	ROW
2/13/15	PROP. ROW TO EX. ROW
4/6/15	STUMP REMOVAL

Prepared In the Office of:
DEPARTMENT OF TRANSPORTATION
375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

2006 STANDARD SPECIFICATIONS

HICKORY TREE@ MENDENHALL
PROJECT NAME
NA
W.O. NUMBER
SR 1508 HICKORY TREE ROAD
SR # /ROAD NAME
DAVIDSON COUNTY

APP. BY DIST. ENG. — DATE
APP. BY DIV. TRAFFIC ENG. — DATE 4/6/15 NTS11
REVISED — CHECKED BY 4/23/12 GWC
DATE DRAWN — DRAWN BY
SCALE 1" = 20'

04-AUG-2015 08:37
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counter 41 04AUG2015

PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	7
UTILITY SHEET NO.	3 OF 3
DISTRICT ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R. ARCHER 8/4/2015

DRAINAGE STRUCTURES

Structures	Grate Types	Total Amount (Approx.)
CB's	G	5
DI's	NARROW	7

PIPES

Types	Total Length (Approx.)
15" RCP	513' +/-
15" HDPE	161' +/-
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18" HDPE	168' +/-

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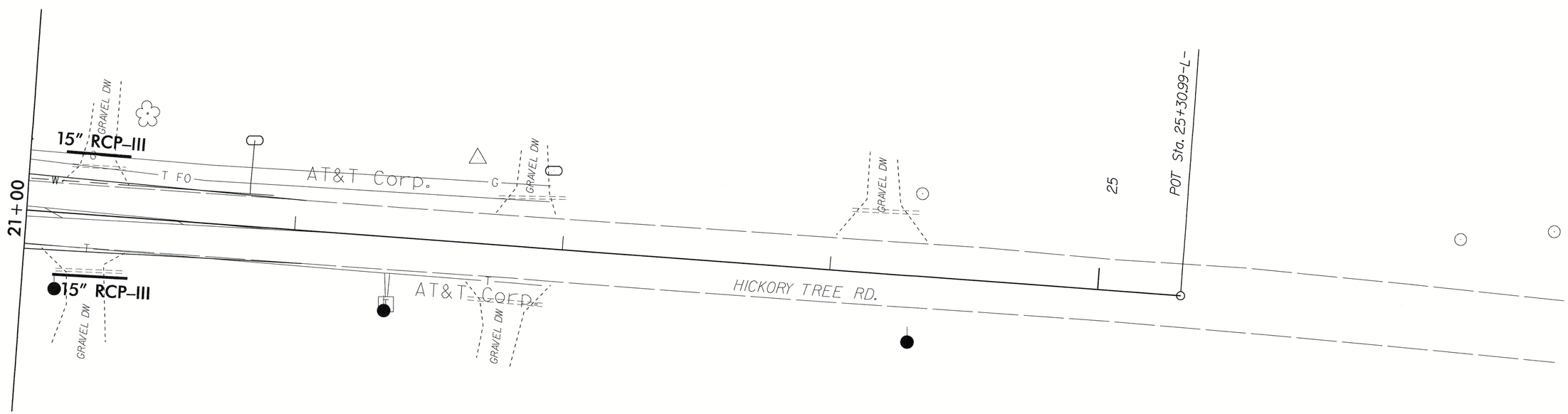

20' 0' 20' 40' 60'
GRAPHIC SCALE

DATE	REVISIONS
11/18/14	DRAINAGE & ROW
1/13/15	ROW
2/06/15	ROW
2/13/15	PROP. ROW TO EX. ROW

2006 STANDARD SPECIFICATIONS

HICKORY TREE@ MENDENHALL
PROJECT NAME

NA
W.O. NUMBER

SR 1508 HICKORY TREE ROAD
SR # /ROAD NAME

DAVIDSON COUNTY

Prepared In the Office of:
DEPARTMENT OF TRANSPORTATION
375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

APP. BY DIST. ENG.	DATE
APP. BY DIV. TRAFFIC ENG.	DATE
11/18/14	NTSII
REVISED	CHECKED BY
4/23/12	GWG
DATE DRAWN	DRAWN BY

REVISIONS

8/17/99

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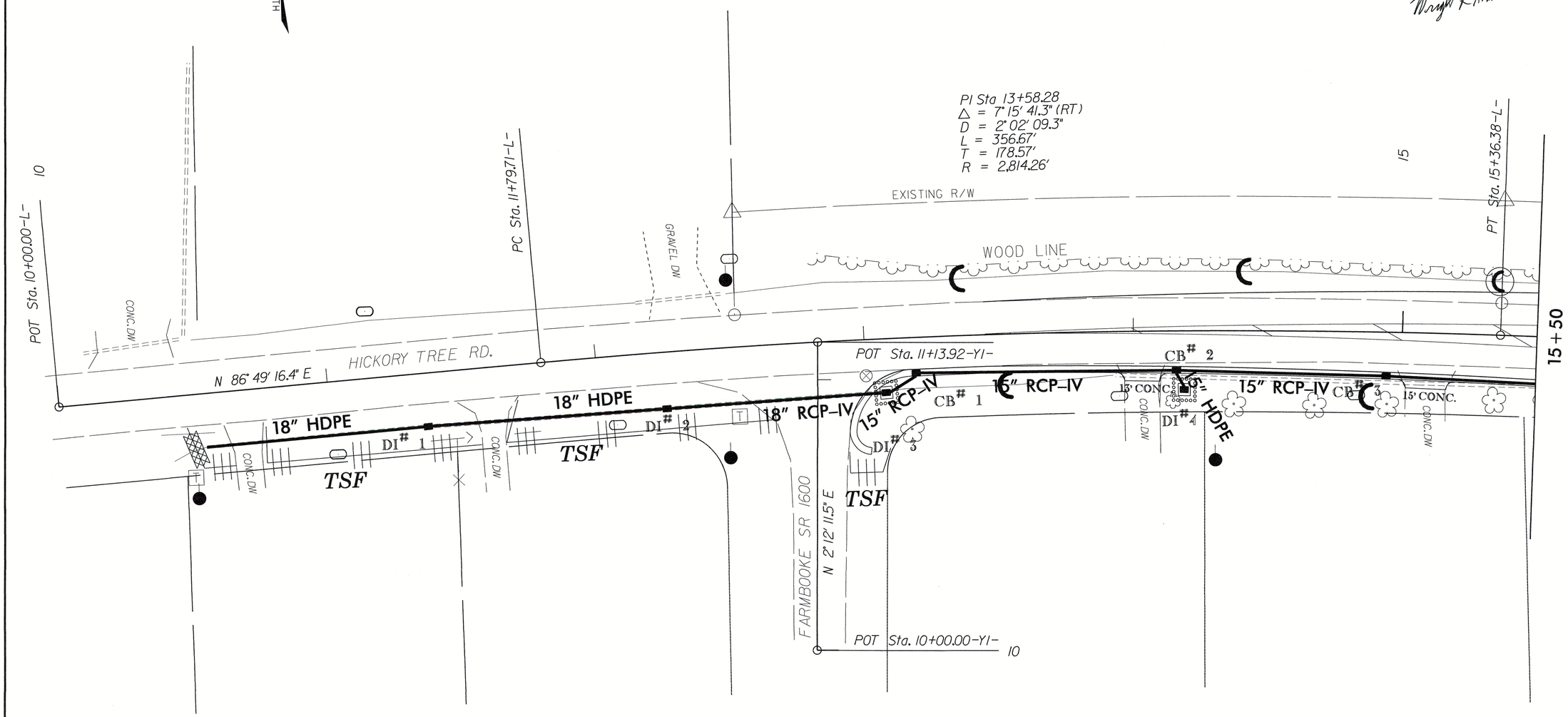
counter: AT DGN 268340

PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	8
EC SHEET NO.	1 OF 3
DISTRICT ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R. ARCHER
8/4/2015

EROSION CONTROL PLAN



20' 0' 20' 40' 60'
GRAPHIC SCALE

DATE	REVISIONS
11/18/14	DRAINAGE & ROW
1/13/15	ROW
2/6/15	ROW
2/13/15	PROP. ROW TO EX. ROW

REVISIONS

Prepared in the Office of:
DEPARTMENT OF TRANSPORTATION
375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

2006 STANDARD SPECIFICATIONS

PROJECT NAME: HICKORY TREE@ MENDENHALL
W.O. NUMBER: NA
SR # /ROAD NAME: SR 1508 HICKORY TREE ROAD
COUNTY: DAVIDSON

APP. BY DIST. ENG. — DATE
APP. BY DIV. TRAFFIC ENG. — DATE: 2/13/15 NTS11
REVISED: 4/23/12 — CHECKED BY: GWG
DATE DRAWN — DRAWN BY
SCALE 1" = 20'

04-AUG-2015 08:30
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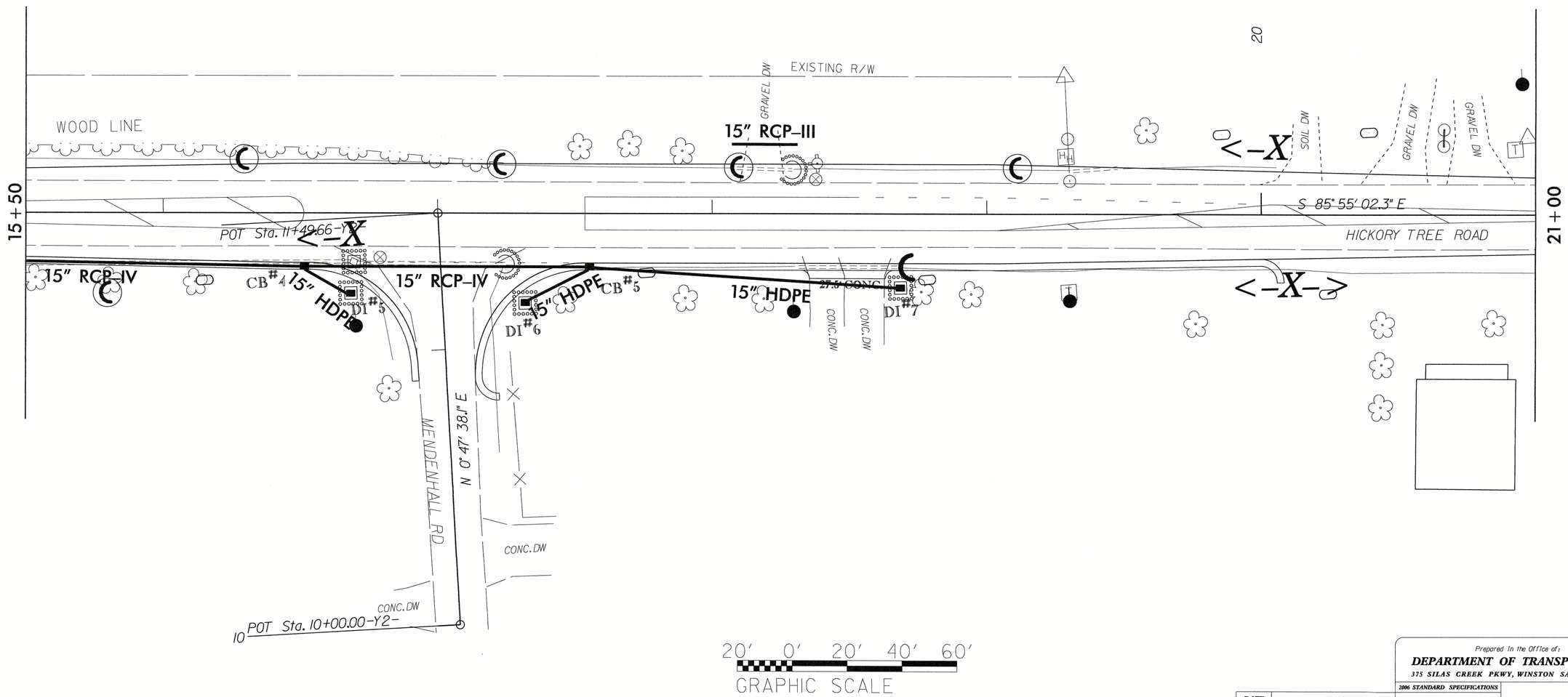
PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	9
EC SHEET NO.	2 OF 3
DISTRICT ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R. ARCHER 8/4/2015

EROSION CONTROL PLAN



DATE	REVISIONS
11/18/14	DRAINAGE & ROW
1/13/15	ROW
2/06/15	ROW
2/13/15	PROP. ROW TO EX. ROW

Prepared In the Office of:
DEPARTMENT OF TRANSPORTATION
375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

2006 STANDARD SPECIFICATIONS

PROJECT NAME: HICKORY TREE@ MENDENHALL

W.O. NUMBER: NA

SR # /ROAD NAME: SR 1508 HICKORY TREE ROAD

COUNTY: DAVIDSON

APP. BY DIST. ENG. — DATE

APP. BY DIV. TRAFFIC ENG. — DATE

REVISED: 2/13/15 — CHECKED BY: NTS11

DATE DRAWN: 4/23/12 — DRAWN BY: GWC

SCALE 1" = 20'

REVISIONS

8/17/99

04-AUG-2015 08:28
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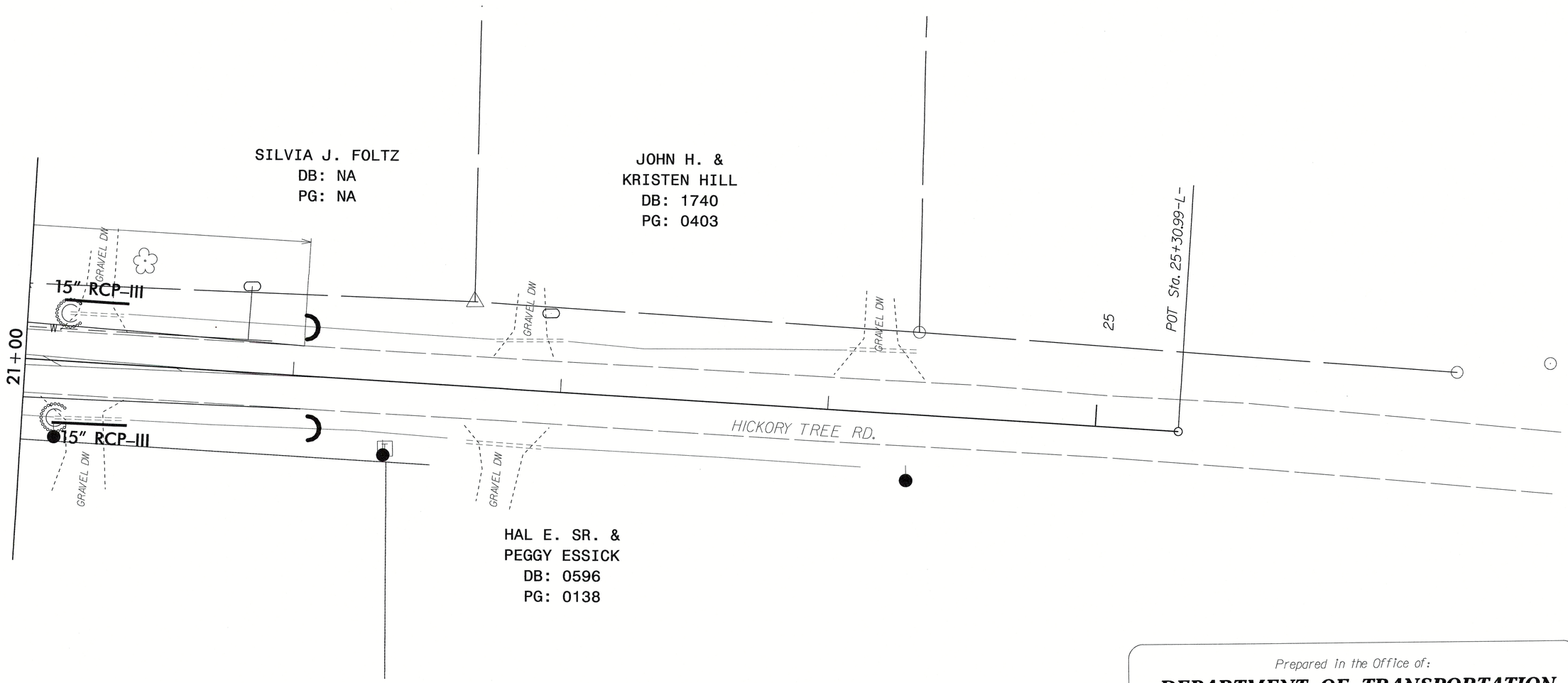
PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	10
EC SHEET NO.	3 OF 3
DISTRICT ENGINEER	HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 19659 ENGINEER WRIGHT R. ARCHER 8/4/2015

EROSION CONTROL PLAN



REVISIONS

8/17/99

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DATE	REVISIONS
11/18/14	DRAINAGE & ROW

Prepared in the Office of:

DEPARTMENT OF TRANSPORTATION

375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

2006 STANDARD SPECIFICATIONS

HICKORY TREE@ MENDENHALL

PROJECT NAME

NA

W.O. NUMBER

SR 1508 HICKORY TREE ROAD

SR # /ROAD NAME

DAVIDSON COUNTY

APP. BY DIST. ENG. DATE

APP. BY DIV. TRAFFIC ENG. DATE

11/18/14 NTS11

REVISED CHECKED BY

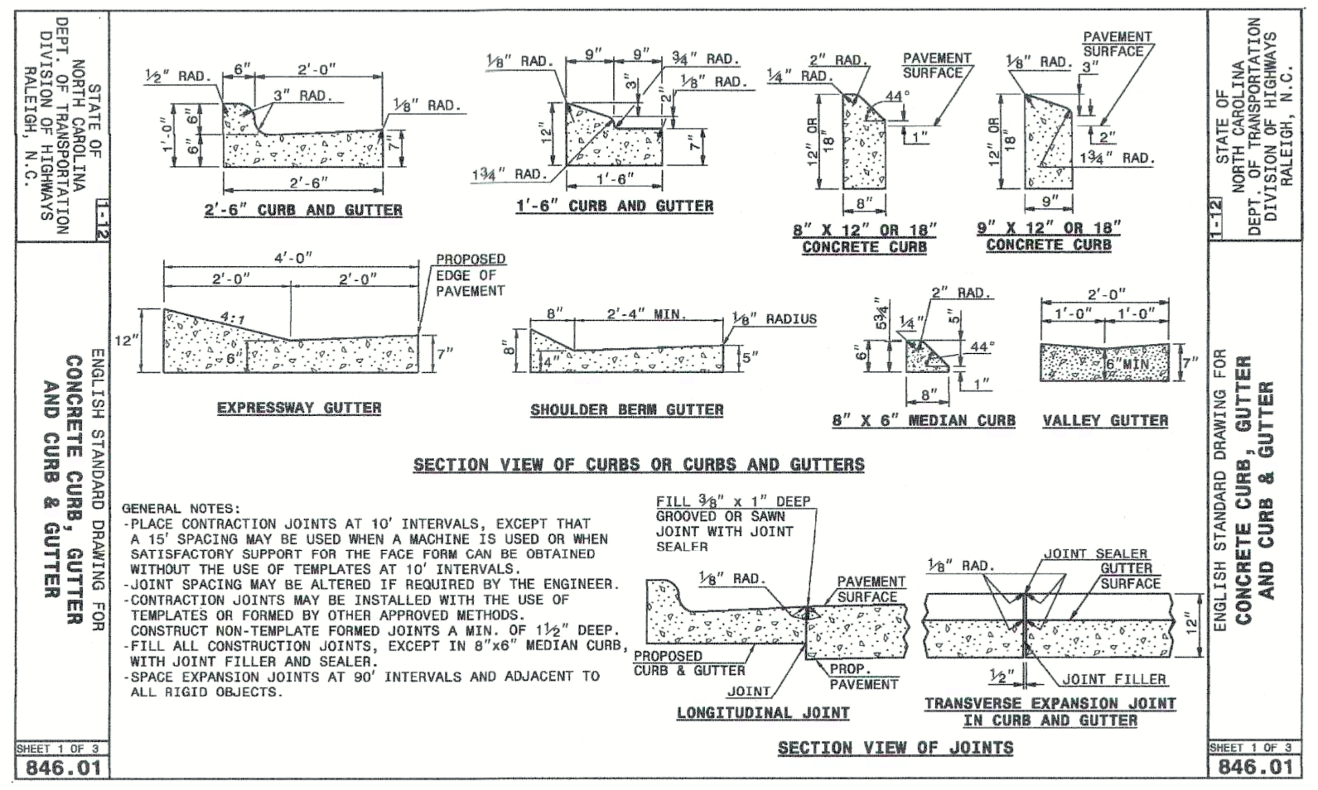
4/23/12 GWG

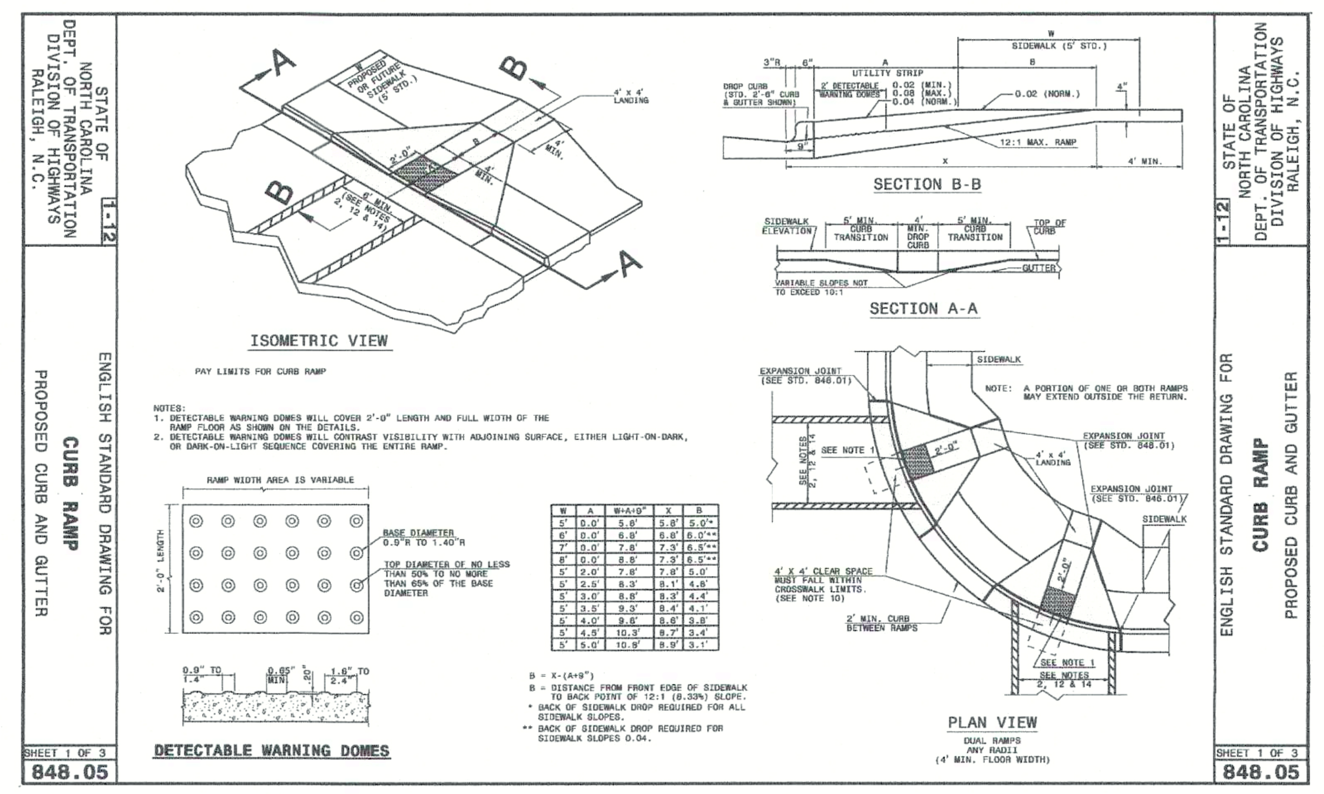
DATE DRAWN DRAWN BY

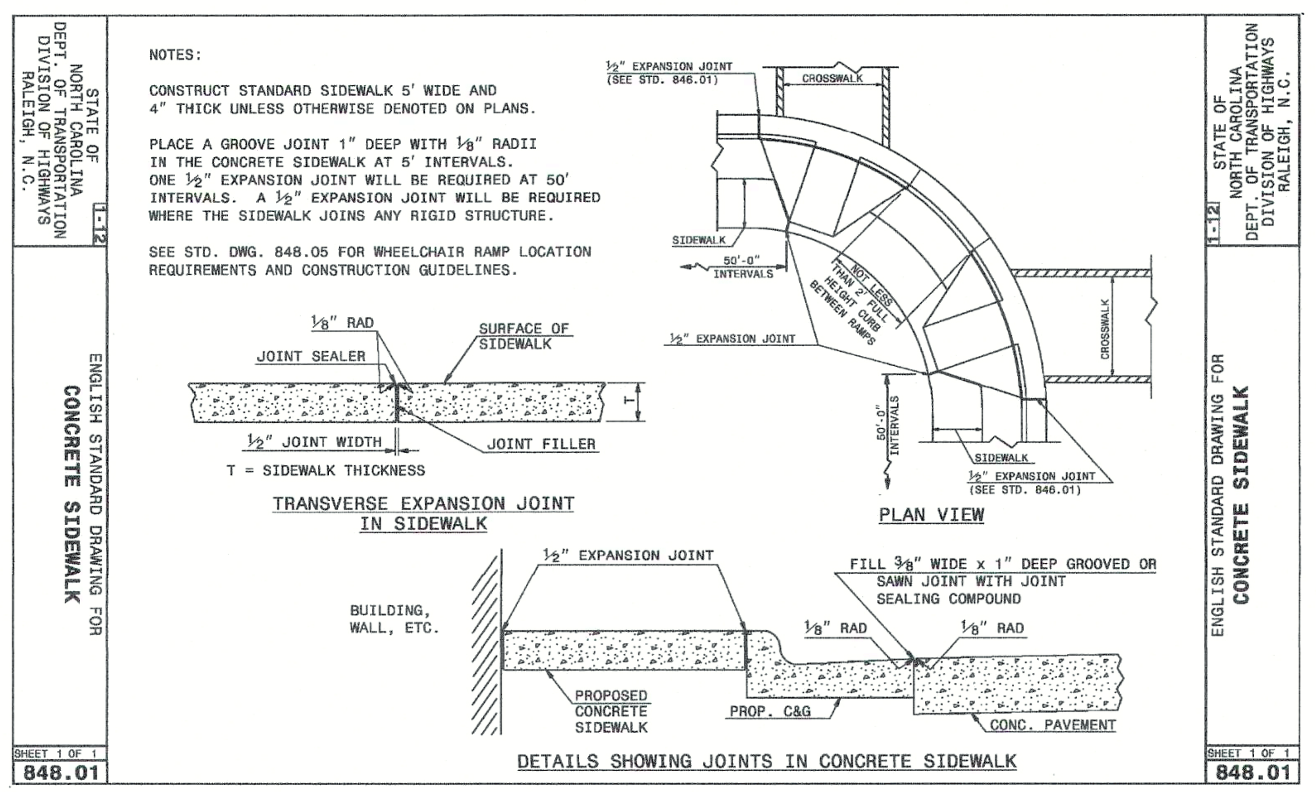
SCALE 1" = 20'

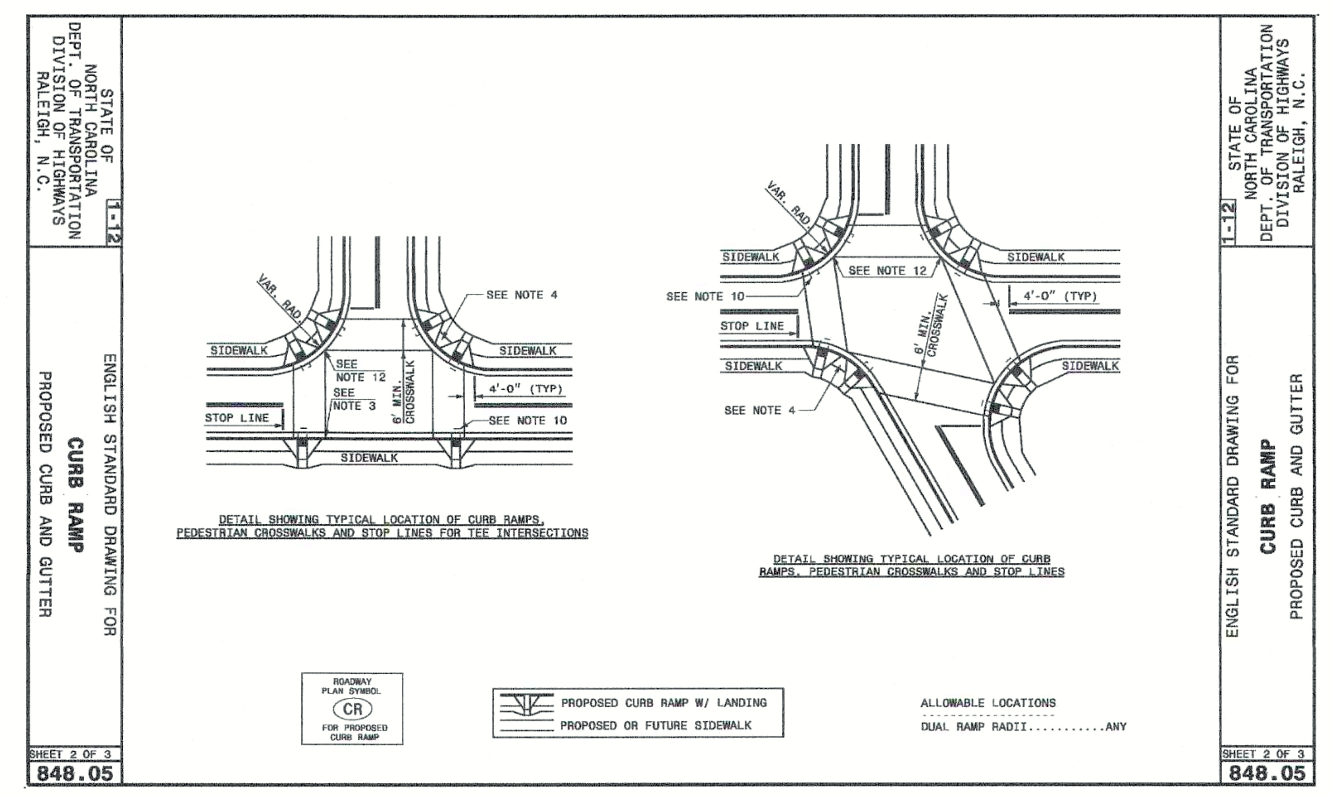
PROJECT REFERENCE NO.	SHEET NO.
HICKORYTREE RD	11
DETAIL SHEET NO.	1 of 1
DISTRICT ENGINEER	HYDRAULICS ENGINEER

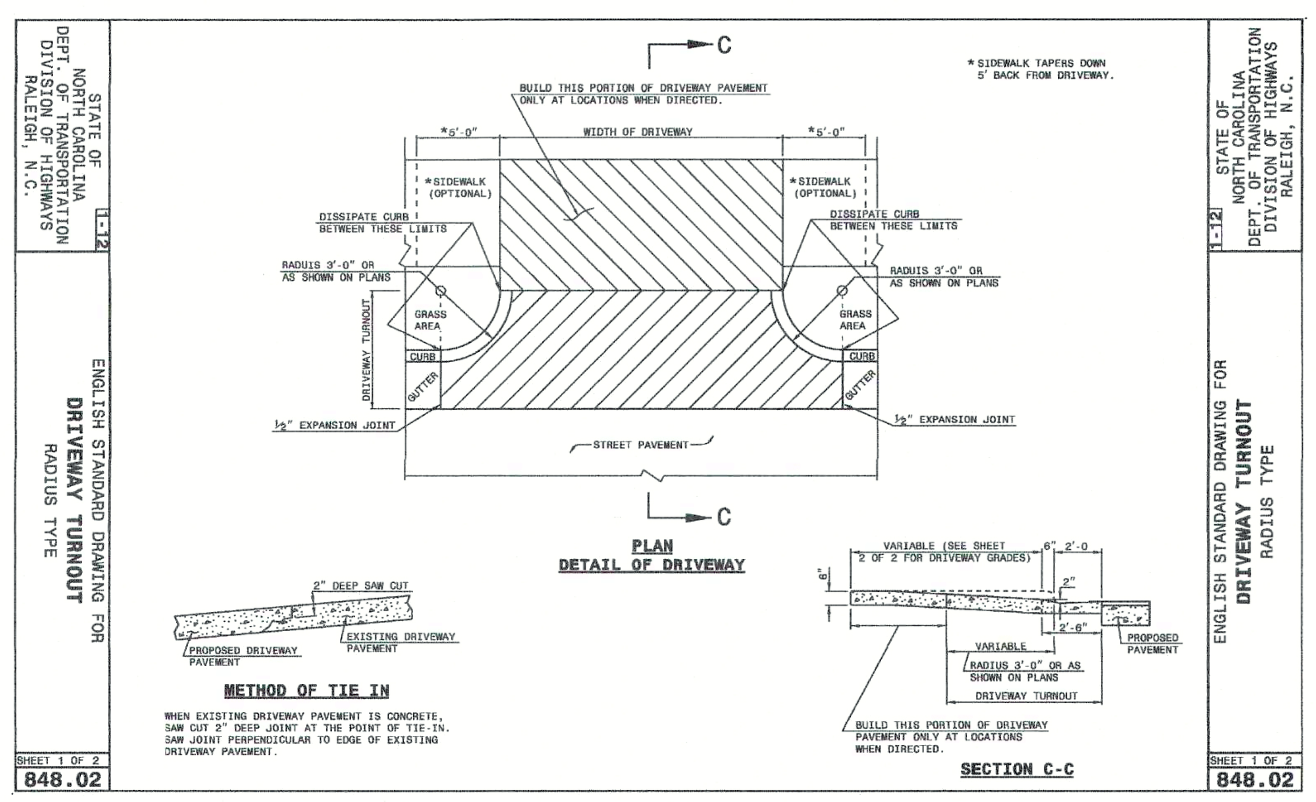
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 19659 WRIGHT R. ARCHER 8/4/2015

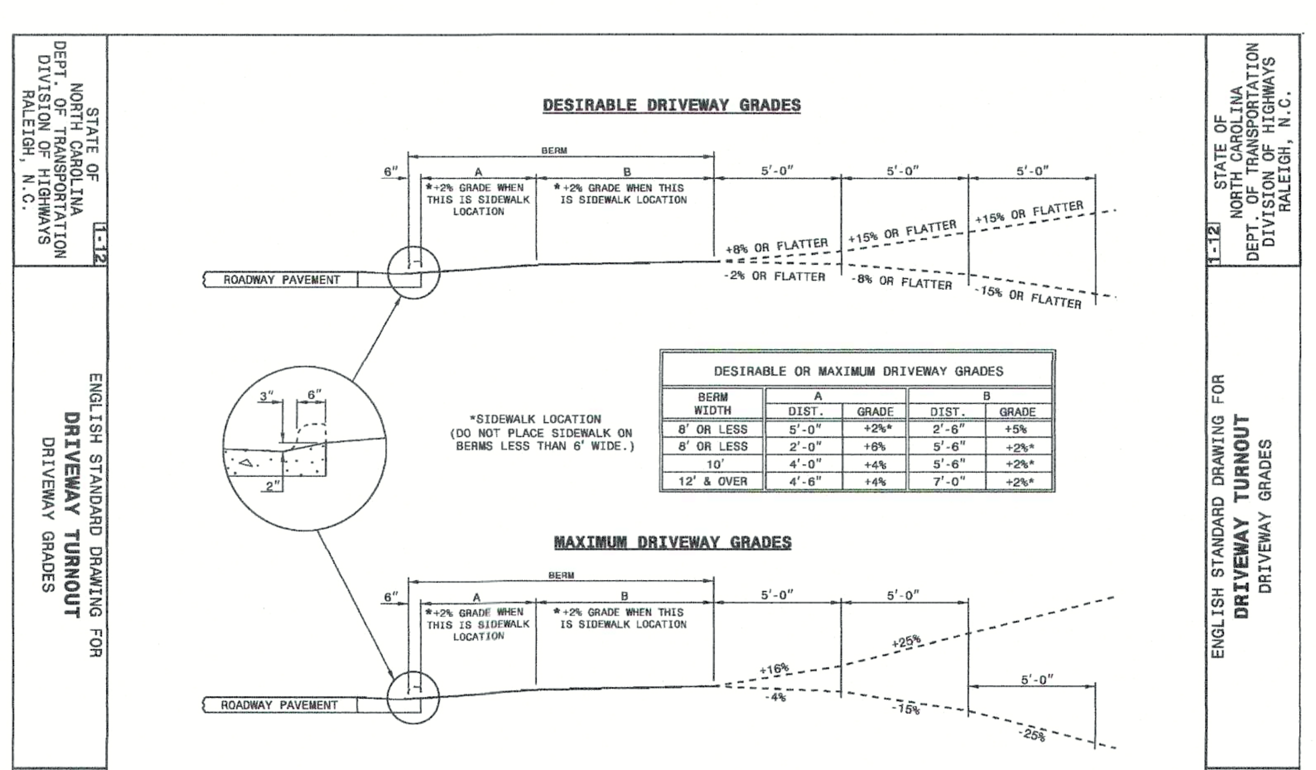












OPTIONAL CHART :

SITE DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES.	7 DAYS	NONE
HIGH QUALITY WATER ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10 FT. OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50 FT. IN LENGTH
ALL OTHER AREAS FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES

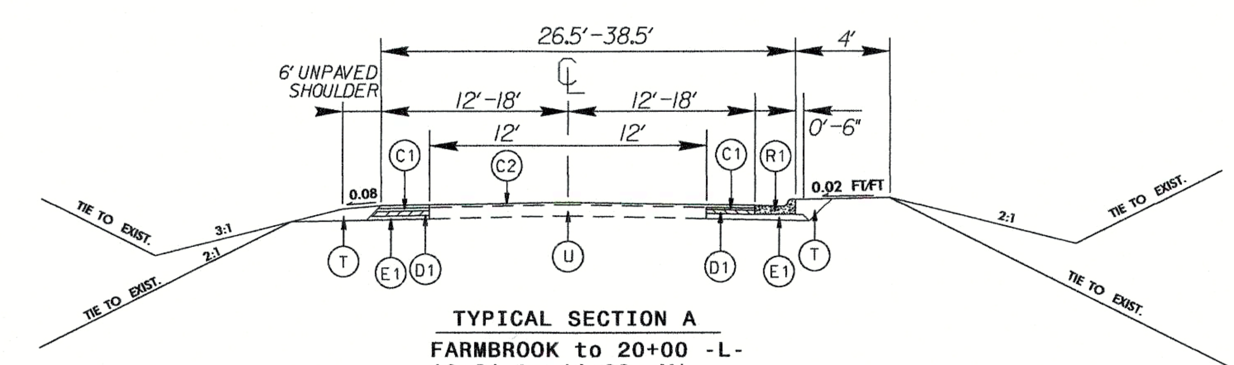
STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C. 1-12

ENGLISH STANDARD DRAWING FOR **CURB RAMPS** NOTES

NOTES:

1. CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.
2. LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMPS OR MARKINGS AS SHOWN, CONTACT THE SIGNING AND DELINEATION UNIT OR LOCATE AS DIRECTED BY THE ENGINEER.
3. COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'x4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES.
4. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4' MINIMUM.
5. REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY THE ENGINEER.
6. TERMINATE PARKING A MINIMUM OF 20' BACK OF A PEDESTRIAN CROSSWALK.
7. CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.
8. CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
9. ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
10. CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
11. CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.
12. CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'x5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
13. TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA, MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGHT THE ISLAND.
14. SMALL CHANNELIZATION ISLANDS THAT CAN NOT PROVIDE A 5'X5' LANDING AT THE TOP OF A RAMPS, WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
15. CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
16. PLACE A ½" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB AS SHOWN IN ROADWAY STANDARD DRAWING 848.01
17. PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
18. CURB RAMPS THROUGH MEDIAN ISLANDS, SINGLE RAMPS AT DUAL CROSSWALKS OR LIMITED R/W SITUATIONS, WILL BE HANDLED BY SPECIAL DETAILS. CONTACT THE CONTRACT STANDARDS AND DEVELOPMENT UNIT FOR THE DETAILS OR FOR A SPECIAL DESIGN.

SHEET 3 OF 3
848.05



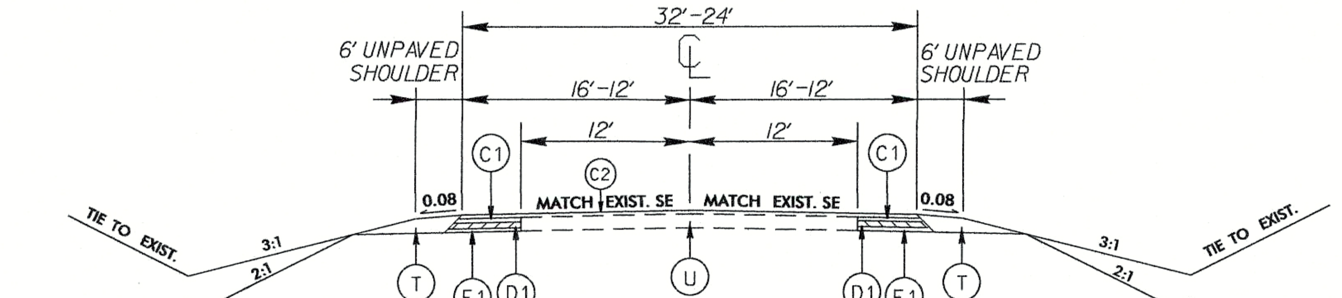
TYPICAL SECTION A
FARMBROOK to 20+00 -L-
10+81 to 11+00 -Y1-

SEDIMENT BASIN DESIGN :

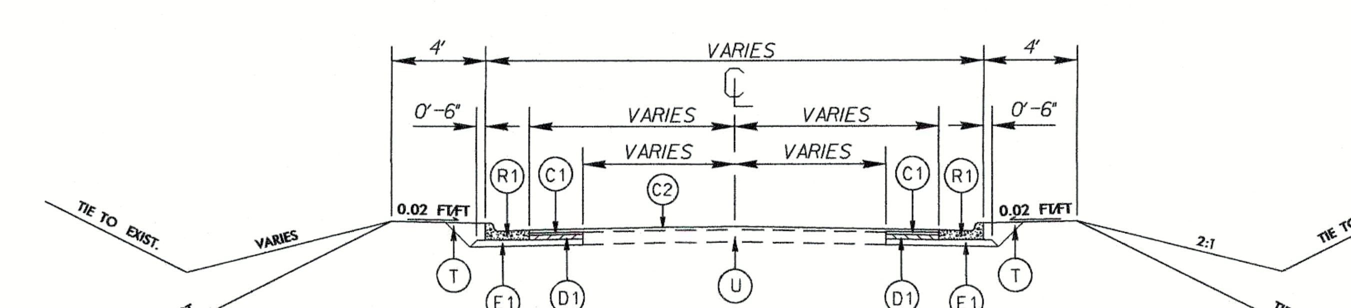
SEDIMENT BASINS THAT DISCHARGE FROM THE PROJECT AND ARE DESIGNED TO HANDLE A DRAINAGE AREA LARGER THAN ONE ACRE WILL BE REQUIRED TO UTILIZE A SURFACE DEWATERING DEVICE, SUCH AS A SKIMMER, WEIR, OR FLASH BOARD RISER.

NOTE: APPLY 3.5 OZ OF (PAM) TO EVERY WATTLE EXCEPT FOR THE LAST ONE IN THAT RUN.

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY.

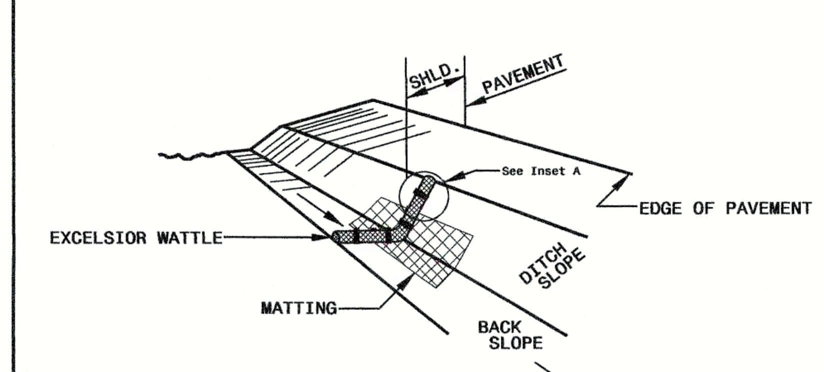


TYPICAL SECTION B
20+00 to 22+03.59 -L-

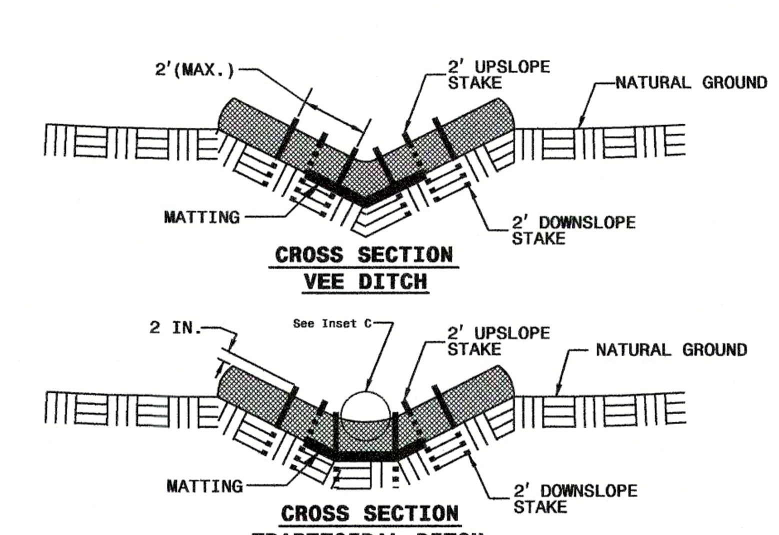


TYPICAL SECTION C
10+89 TO 11+29 -Y2-

WATTLE WITH POLYACRYLAMIDE DETAIL



ISOMETRIC VIEW



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

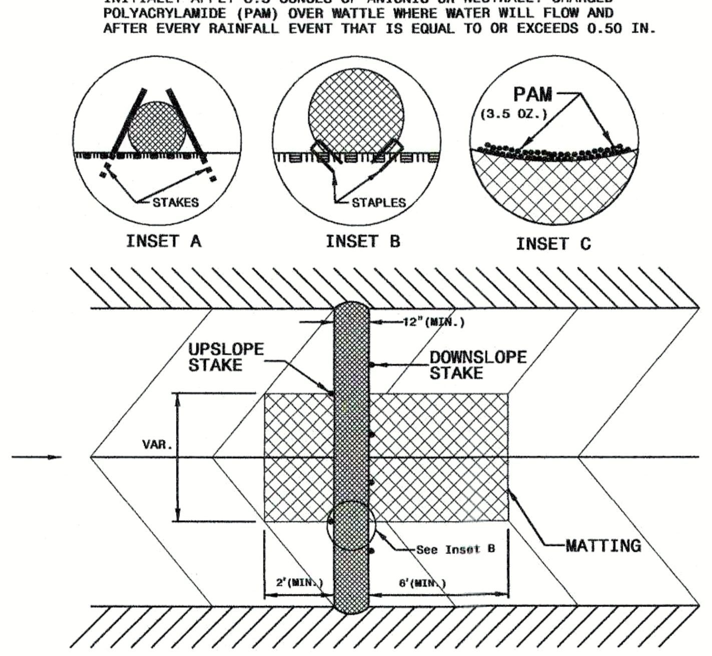
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE, EXCEPT ON LAST MEASURE.

INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



PAVEMENT STRUCTURE

C1	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS. PER IN. PER SQ. YD.
C2	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS. PER IN. PER SQ. YD.
D1	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 114 LBS. PER IN. PER SQ. YD.
E1	PROP. APPROX. 5-1/2" ASPHALT CONCRETE BASE COURSE, TYPE B25.0 B, AT AN AVERAGE RATE OF 114 LBS. PER IN. PER SQ. YD.
R1	2'-6" STANDARD CONCRETE CURB AND GUTTER (STD. 846.01)
U	EXISTING PAVEMENT
T	EARTH; SHOULDER
NOTE:	

8/17/99

04-AUG-2015 08:18
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gaunter AT D9CAD268340