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| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| I-5883 | UC-4B |
| 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 ENGINEER SEAL 032440 — Randy L. McNeill — 4/22/2021

UTILITY CONSTRUCTION PLANS ONLY

# UTILITY CONSTRUCTION

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

25 0 50

REVISIONS 5/14/99

-L-
PIs Sta 1087+41.84
θs = 0° 22' 15"
Ls = 148.00'
LT = 98.67'
ST = 49.33'

PI Sta 1106+67.15
Δ = 18° 38' 06" (LT)
D = 0° 30' 04"
L = 3718.83'
T = 1875.98'
R = 11434.12'
SE = 0.025
RUNOFF = SEE PLANS

-Y16RPB-
PIs Sta 11+26.01
θs = 2° 42' 26"
Ls = 189.00'
LT = 126.01'
ST = 63.01'

PI Sta 14+80.97
Δ = 16° 36' 42" (LT)
D = 2° 51' 53"
L = 579.85'
T = 291.97'
R = 2000.00'
SE = 0.07
RUNOFF = SEE PLANS

-SR13-
PI Sta 47+43.27
Δ = 60° 42' 15" (LT)
D = 7° 09' 43"
L = 847.59'
T = 468.46'
R = 800.00'
SE = 0.06

NAD 83/2011

MATCH TO -SR13- POC Sta. 50+00.00 - SHEET UC-13

MATCH TO -L- POT Sta. 1076+00.00 - SEE SHEET UC-4A

-SR13- PC Sta. 42+74.81

-SR13- PT Sta. 51+18.08

-SR14- PC Sta. 48+01.54

-SR14- PT Sta. 53+50.93

-L- SC Sta. 1087+91.17

-L- TS Sta. 1086+43.17

-L- POT Sta. 1086+36.11 - 61.00' LT = -Y16RPB- ST Sta. 10+00.00

-Y16RPB- SC Sta. 11+89.00

-L- POT Sta. 1086+09.78 - 61.00' RT = -Y16RPC- POT Sta. 10+00.00 Δ=2°20'56.0"

102 CORE ENTERPRISES INC DB 615 PG 233

103 OLA IVEY DB 304 PG 398

104 AMELDA JOHNSON DB 2007 PG 728 TRACT 2

120 CORE ENTERPRISES DB 615 PG 233

121 OLA BRYANT IVEY DB 304 PG 398

206 HAZEL B. MCLAMB DB 3231 PG 0054

PROP. - 709 L.F. OF 6" FORCE MAIN

EX. TRACER WIRE ACCESS

DRAIN POND

CULTIVATED

WOODS

BILLBOARD

SPEC. LAT. 6' BASE DITCH SEE DETAIL 9

SPEC. LAT. V DITCH SEE DETAIL 8

SPEC. LAT. V DITCH SEE DETAIL 1

SPEC. LAT. 3' BASE DITCH SEE DETAIL 21

SPEC. LAT. 2' BASE DITCH SEE DETAIL 4

SPEC. LAT. 8' BASE DITCH SEE DETAIL 18

SPEC. CUT DITCH SEE DETAIL 2

SPEC. CUT DITCH SEE DETAIL 58

TAIL DITCH SEE DETAIL 31 SLOPE=0.3%

CL I RIP RAP EST. 52 TONS EST. 100 SY GF

KEYED-IN CL I RIP RAP EST. 70 TONS EST. 65 SY GF SEE DETAIL 59

CL I RIP RAP EST. 26 TONS EST. 50 SY GF

594' ACCELERATION LANE

300' TAPER

DITCH BLOCK (FS) TO ELV. 199.2

TRENCHLESS INSTALLATION 48" WELDED STEEL

BURY INVERTS 0.8'

TIE SHOULDER DRAIN TO TB JB w/MH

REMOVE EX. C/A FENCE

CONCRETE BARRIER

REMOVE EX. GUARDRAIL

FLOWABLE FILL

REMOVE

RETAIN

COLLAR

EX. 6" VALVE

SSFM Valve

PFM100

Century Link, FO

Century Link, Copper Unknown Pair Size

Century Link, 50 Pair, Copper

Century Link, 100 Pair, Copper

City of Dunn, 6" DIP (ABANDON)

City of Dunn, 6" DIP

PNG, 6", Plastic

-SR14-
PI Sta 53+50.93
Δ = 44° 17' 18" (RT)
D = 4° 14' 39"
L = 1043.52'
T = 549.39'
R = 1350.00'
SE

THE ESTIMATED QUANTITY OF D.I. SEWER PIPE FITTINGS ON THIS PLAN SHEET IS 430 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

UTILITY CONSTRUCTION PLANS PREPARED BY:
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