PROJECT REFERENCE NO.	SHEET NO.
U-4405	28

R/W SHEET NO.

NO UTILITY RELOCATION ON THIS SHEET

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NC GRID
NAD 83/NA 2011

-SR1-

PI Sta 10+21.53	PI Sta 15+10.69
△ = 24° 17' 47.3" (RT)	△ = 82° 12' 52.6" (RT)
D = 57° 17' 44.8"	D = 38° 11' 49.9"
L = 42.41'	L = 215.24'
T = 21.53'	T = 130.89'
R = 100.00'	R = 150.00'

-SR2-

PI Sta 10+53.27	PI Sta 11+85.78
△ = 38° 01' 27.0" (LT)	△ = 42° 31' 25.6" (RT)
D = 57° 17' 44.8"	D = 28° 38' 52.4"
L = 66.36'	L = 148.44'
T = 34.46'	T = 77.82'
R = 100.00'	R = 200.00'

DETAIL 10
SPECIAL LATERAL 'V' DITCH
(Not to Scale)

Natural Ground, 2:1, D, 4:1 or Flatter, Fill Slope

Min. D = 1.5 Ft.

FROM STA. 11+00 TO STA. 12+75 -SR3- RT

DETAIL 15
STANDARD 'V' DITCH
(Not to Scale)

Natural Ground, 2:1, D, d, 2:1, Natural Ground

Min. D = 1.5 Ft.
Max. d = 1.5 Ft.
Type of Liner = PSRM

FROM STA. 16+33 -SR1- TO 17+13 -SR1- LT

DETAIL 14
SPECIAL LATERAL 'V' DITCH
(Not to Scale)

Natural Ground, 2:1, d, D, 2:1 or Flatter, Fill Slope

Min. D = 1.5 Ft.
Max. d = 1.5 Ft.
Type of Liner = PSRM

FROM STA. 15+00 -SR1- TO STA. 16+33 -SR1- RT
FROM STA. 16+33 -SR1- TO STA. 16+73.8 -SR1- RT
FROM STA. 10+25 -SR2- TO STA. 12+00 -SR2- RT

STANDARD 'V' DITCH
SEE DETAIL 15
SLOPE= +/- 0.9%
EST DDE = +/- 55 CY

CLASS B RIP RAP
EST 5 TONS
EST 14 TONS

CLASS B RIP RAP
EST 2 TONS
EST 7 TONS

-SR1- PT Sta. 15+95.04
-SR1- PC Sta. 13+79.80
-SR3- POT Sta. 10+00.00
-SR1- PT Sta. 10+42.41
-SR1- PC Sta. 10+00.00
-SR1- Sta. 16+95.39
= -SR2- POT Sta. 10+00.00
-SR2- PC Sta. 10+18.82
-SR2- PT Sta. 10+85.18
-SR2- PC Sta. 11+07.45
-SR2- PT Sta. 12+56.39
-SR2- POT Sta. 12+94.74
-Y4- POT Sta. 10+00.00
-Y4- Sta. 12+35.73
= -SR1- Sta. 18+93.99

-SR1- +78.00 34.00' LT
-SR1- +40.00 54.00' LT
-SR1- EX R /W 78.00' LT
-SR1- +84.00 32.00' LT
-SR1- +50.00 30.00' LT
-SR1- +15.00 40.00' LT
-SR1- +15.00 32.00' LT
-SR1- +45.00 32.00' RT
-SR1- +48.00 32.00' RT
-SR1- +62.00 24.00' RT
-SR1- +00.00 26.00' RT
-SR1- +80.00 30.00' RT
-SR1- +54.00 30.00' LT
-SR2- +98.00 30.00' LT
-Y4- +00.00 38.00' RT EX R/W
-SR2- +50.00 28.00' RT
-SR2- +50.00 28.00' LT
-SR2- +14.00 28.00' LT
-SR2- +70.00 25.00' LT
-SR2- +70.00 25.00' RT
-SR1- +15.00 30.00' RT
-SR1- +65.00 25.00' LT
-SR1- +70.00 100.00' RT
-SR1- +88.91 91.74' RT
-L- +69.00 582.00' LT
-L- +78.00 583.00' LT
-SR3- +00.00 25.00' LT
-SR3- +80.00 83.00' RT
+SR3- +00.00 45.00' RT
+95.00 240.00' LT
+10.00 240.00' LT
-SR3- +00.00 35.00' LT
REMOVE 24' OF 12" RCP PLUG AND ABANDON
+90.00 230.00' LT
+70.40 230.00' LT

SPECIAL LATERAL 'V' DITCH SEE DETAIL 14
SPECIAL LATERAL 'V' DITCH SEE DETAIL 14
SPECIAL LATERAL 'V' DITCH SEE DETAIL 10

S 86°34'53" E 1482.03'
N 86°41'00" W 429.50'
S 01°24'57" W 206.16'
N 87°10'07" W 268.00'
S 85° 05' 45.6" E
S 0° 05' 45.6" E
S 38° 07' 12.6" E
S 4° 24' 13.0" W

R=37.50'
R=42.00'
R=40'
R=50'
+39.58
+45.78
+39.14
+27.25

CUMBERLAND COUNTY DB 8304 PG 55

CUMBERLAND COUNTY BOARD OF EDUCATION
DB 635 PG 160
DB 5430 PG 468
DB 536 PG 404
DB 517 PG 190

ISBK LOYD E AUMAN ELEMENTARY SCHOOL

2SBK SEVENTY FIRST CLASSICAL MIDDLE SCHOOL

ISBK SEVENTY FIRST

CUMBERLAND COUNTY BOARD OF EDUCATION DB 847 PG 74

JUNGLE GYM

CONCRETE OVERHEAD SHELTER

FIRE ESCAPE EXTENDS ABOVE STEPS

CONCRETE STAIRS

MTL CANOPY

MTL CAN

CONC BASKETBALL COURT

WD DECK

BOL (5)

JB w/MH

MTL GATE

RETAIN

RETAIN SYSTEM

18" RCP-IV
15" RCP-IV
24" RCP-IV
24" C&G
2-6" C&G
2G-D
CB
DI
PMC 24" DIP
PMC 4" PL
8" CLAY
5' CONC SW
6' CONC SW
8' CONC SW
4' CONC SW
TOP=219.31'
INV=215.97'(SE)
INV=215.97'(NW)
TOP=220.25'
INV=216.25'(NE)
INV=216.25'(SW)
TOP=220.18'
INV=216.18'(NE)
INV=216.18'(SW)
TOP=220.25'
INV=216.25'(NE)
INV=216.25'(SW)
TOP=219.92'
INV=215.58'
TOP=220.25'
INV=216.25'(NE)
INV=216.25'(SW)

MATCHLINE SEE SHEET 6
-SR3- STA 13+50

MATCHLINE SEE SHEET 6
-Y4- STA 16+50

NOTE: SEE SHEET 50 FOR -SR1- PROFILE
SEE SHEET 51 FOR -SR2- PROFILE
SEE SHEET 51 FOR -SR3- PROFILE

REVISIONS
8/17/99
ROW REV. - June 14,2017 - Revised Final Survey along Parcel 62 (WB)

3:MAY 2018 14:48
Project:53 Fayetteville Public Works Commission,20150177.00RA RaeFord Road NCDOT U 4405\CADD\NCDOT PLANS\Utilities\Engineering\UC\Proj\u4405_ut_rdy28_ut28_psh.dgn
thumon