SEE SHEET UC-16 FOR WL-1 AND WL-2 PROFILES

PROJECT REFERENCE NO.	SHEET NO.
U-3440	UC-5
DESIGNED BY: JDM	
DRAWN BY: RCC	
CHECKED BY:	
APPROVED BY:	
REVISED:	

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC.
PHONE: (919)707-6690
FAX: (919)250-4151

NORTH CAROLINA PROFESSIONAL SEAL 036361 ENGINEER JERRY D. MOOD
6/29/2016
UTILITY CONSTRUCTION PLANS ONLY

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

alley, williams, carmen, & king, inc.
CONSULTING ENGINEERS
FIRM LICENSE No. F-0203
120 SOUTH MAIN STREET
KANNAPOLIS, NC 28082
P.O. BOX 1248
704/938-1515

NC GRID
NAD 83/NSRS 2007

SIMPSON, FREDRICK
DB 6954 PG 294
PB 27 PG 63

SMITH, MILTON A.
DB 5039 PG 229
PB 27 PG 63

LITTLE, BRANDON
DB 8146 PG 82

SHUPING, DANNY R.
DB 773 PG 436

CALVARY BAPTIST CHURCH KANNAPOLIS INC
DB 4988 PG 342
PB 53 PG 93

ABANDON WATER VALVE - 4 EA

-Y3- POT Sta. 10+00.00

-Y3- PC Sta. 10+44.60

-Y3- BEGIN CONSTRUCTION Sta. 10+75.00

-Y3- PT Sta. 11+92.60

PROP. 8" SLEEVE
-Y3- STA. 10+93.60, 23.08 LT
WL-2 STA. 1+12.52

ABANDON 84 LF OF 8" UTILITY PIPE UNK TYPE

PROP. 113 LF OF 8" WATER LINE
PVC PIPE, C900

PROP. 8" VALVE - 1 EA

PROP. 1355 LF OF 12" WATER LINE
PVC PIPE, C900

PROP. 12"x8" REDUCER

PROP. 12" VALVE - 1 EA

RELOCATE FIRE HYDRANT - 1 EA
6" VALVE
21 LF OF 6" WATER LINE
DI RESTRAINED JOINT PIPE
8"x6" TEE
WL-2 STA. 0+28.32

PROP. 2" AIR RELEASE VALVE - 1 EA
WITH 4' DIA. UTILITY MH, FLAT TOP SLAB & MH COVER
-L- STA. 30+33.26, 34.76 LT
WL-1 STA. 17+79.79

ABANDON 832 LF OF 8" UTILITY PIPE PVC PIPE

ABANDON 548 LF OF 12" UTILITY PIPE DI PIPE

WL-1 STA. 17+53.43
-L- STA. 30+06.91, 34.76 LT
WL-2 STA. 0+00.00
-Y3- STA. 11+98.31, 21.90 LT
1 - 12"x12" CROSS

PROP. 12"x6" REDUCER

PROP. 12" 45° HORIZ. BEND
-L- STA. 29+46.62, 47.75 LT

PROP. 12" 45° HORIZ. BEND
-L- STA. 29+59.62, 34.75 LT

PROP. FIRE HYDRANT - 1 EA
6" VALVE
8 LF OF 6" WATER LINE
DI RESTRAINED JOINT PIPE
12"x6" TEE
WL-1 STA. 11+16.78

PROP. FIRE HYDRANT - 1 EA
6" VALVE
87 LF OF 6" WATER LINE
DI RESTRAINED JOINT PIPE

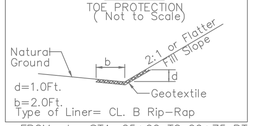
-L- POT Sta. 29+85.00 =
-Y3- POT Sta. 12+33.06

-L- PC Sta. 34+11.99

MATCHLINE -L- STA. 22+50.00 SEE SHEET UC-4

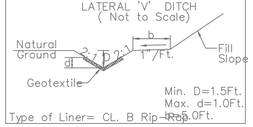
MATCHLINE -L- STA. 36+00.00 SEE SHEET UC-6

DETAIL 5A
TOE PROTECTION
(Not to Scale)



FROM -L- STA. 25+00 TO 26+75 RT

DETAIL 5B
LATERAL 'V' DITCH
(Not to Scale)



FROM -L- STA. 26+75 TO 27+32 RT
FROM -L- STA. 27+00 TO 28+20 LT