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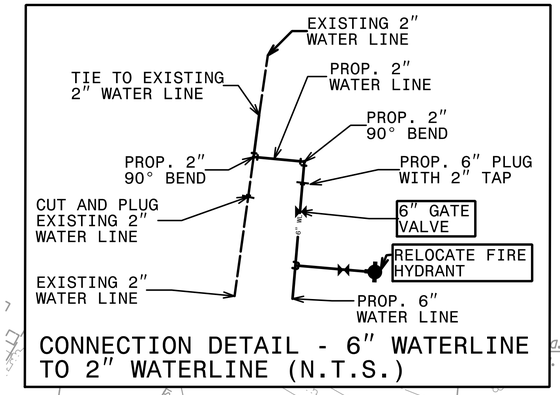


CONNECTION DETAIL - 6" WATERLINE TO 2" WATERLINE (N.T.S.)

PROJECT REFERENCE NO.	SHEET NO.
B-5243	UC-4
DESIGNED BY: BCH	
DRAWN BY: BCH	
CHECKED BY: JLT	
APPROVED BY: MRB	
REVISED:	

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

NORTH CAROLINA PROFESSIONAL SEAL 030499 ENGINEER Bobby Jack Holmes
ENGINEER BOBBY C HOLMES

9/9/2015
UTILITY CONSTRUCTION PLANS ONLY

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

NAD 83/NSRS 2007

-L-
PI Sta 17+59.62
Δ = 8° 07' 19.1" (LT)
D = 2° 29' 28.0"
L = 326.04'
T = 163.29'
R = 2,300.00'
e = SEE PLANS

-L-
PI Sta 24+94.35
Δ = 7° 15' 41.3" (RT)
D = 2° 44' 05.6"
L = 265.51'
T = 132.93'
R = 2,095.00'
e = SEE PLANS

PROJECT B-5243
STA. 23+61.42

-L-PC Sta. 15+96.32

-L-PC Sta. 23+61.42

-L-PT Sta. 26+26.93
END CONSTRUCTION

-Y2- POT Sta. 10+00.00

-Y2- POT 11+99.90=

BEGIN CONSTRUCTION
-L- STA 13+50.00

BEGIN CL FENCE
-L- STA 19+57.86 LT.

BEGIN RCBC
-L- POT 19+54.71

END RCBC
-L- POT 19+79.71

-L- POT 19+67.21
Δ = 95° 00' 00"

PROPOSED 236 LF 8" GRAVITY SEWER

392 LF OF ABANDONED 8" UTILITY PIPE

ABANDON UTILITY MANHOLE

SMH A-1 SL-1
4' DIA. UTILITY MANHOLE - 1 EA.
6.4 LF UTILITY MANHOLE WALL

RELOCATE WATER METERS - 2 EACH

6"x6" TEE

PROP. 22.5° HORIZ. BEND (2 EACH)

6" GATE VALVE

TIE TO EXISTING 6" WATER LINE

PROPOSED 40 LF OF 6" WATER LINE

RELOCATE WATER METER

PROP. 11.25° HORIZ. BEND

40 LF OF ABANDONED 6" UTILITY PIPE

970 LF OF ABANDONED 6" UTILITY PIPE

PROPOSED 1032 LF OF 6" WATER LINE

TIE TO EXISTING 2" WATER LINE (SEE DETAIL THIS SHEET)

6" PLUG WITH 2" TAP

6" GATE VALVE

6"x6" TEE

RELOCATE FIRE HYDRANT

RELOCATE WATER METER

PROPOSED 106 LF OF 6" WATER LINE

RELOCATE WATER METER

6"x6" TEE

PROP. 45° HORIZ. BEND (2 EACH)

6" GATE VALVE

PROPOSED 60 LF OF 12" ENCASEMENT PIPE

SMH A-2 SL-1
4' DIA. UTILITY MANHOLE - 1 EA.
5.8 LF UTILITY MANHOLE WALL

PROPOSED 76 LF 8" GRAVITY SEWER

SMH A-3 SL-1
4' DIA. UTILITY MANHOLE - 1 EA.
0.3 LF UTILITY MANHOLE WALL

PROPOSED 81 LF 8" GRAVITY SEWER

TIE TO EXISTING MANHOLE

ADJUST MANHOLE

REMOVE UTILITY MANHOLES - 2 EACH

PROP. 45° HORIZ. BEND (2 EACH)

6" GATE VALVE

PROP. 22.5° HORIZ. BEND (2 EACH)

RELOCATE WATER METER

TIE TO EXISTING 6" WATER LINE

RECONNECT WATER METER

SOUTHERN CLASSIC BUILDERS, INC. DB 475 PG 663

WILMA D. NANCE DB 465 PG 539
SPECIAL LAT. 'V' DITCH SEE DETAIL B
W CLASS 'B' EST. 7 TONS GF =16 S.Y.

FRED A. KIRBY MARY B. KIRBY DB 211 PG 150

HAL H. POLK BONNIE T. POLK

REUBEN M. TOMBERLIN DB 731

LINDY K. WILLIAMS AND MARLENE W. CONNELL DB 3373 PG 760

LINDY K. AND KAREN B. WILLIAMS, SHERRILL L. AND MARLENE W. CONNELL DB 4671 PG 290

JEFFERY P. AND REBECCA R. RUNGE DB 3399 PG 470

WILLIAM DB 5727 PG 343

WESLEY E. AND NATALIE A. DB 3268

BEVERLY M. DARIENZO DB 728 PG 533

ANTHONY DAMIANO DB 475 PG 402

RENEE GARCIA ROSA GARCIA DB 3809 PG 55

ELLEN R. AND NATHAN H. RANDALL DB 5671 PG DI

NATHAN A. AND SHERRY B. SCOTT DB 720 PG 536

MARINA E. RAMIREZ DB 1902 PG 520

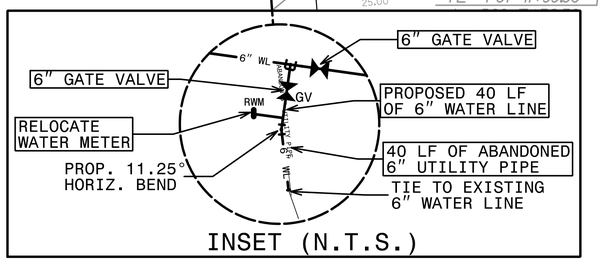
JACK S. TOMBERLIN DB 415 PG 733

JEFFERY S. AND DORA L. MILLER DB 1385 PG 766

LEONARD E. HOLMES DB 3455 PG 281

RUTH T. HOLMES DB 111 PG 146

ISBKFD
ISFD
ISWD
ISMH
ISCO
ISCB
ISHW
ISSIGN
ISTEL
ISPED
ISPP
ISLP
ISTRANS
ISGUY
ISEOS
ISTREE
ISBUSH
ISPOND
ISRETAIN
ISCONC
ISRIP RAP
ISWALL
ISCHAINLINK FENCE
ISWOOD FENCE
ISWIRE FENCE
ISWATER VALVE
ISWATER METER
ISWATER LINE
ISSEWER LINE
ISSEWER MANHOLE
ISSEWER CLEANOUT
ISSEWER VENT
ISSEWER LATERAL
ISSEWER FORCE MAIN
ISSEWER PUMP STATION
ISSEWER LIFT STATION
ISSEWER TREATMENT PLANT
ISSEWER LAGOON
ISSEWER SPRAY FIELD
ISSEWER DRAIN FIELD
ISSEWER SEPTIC TANK
ISSEWER GREASE TRAP
ISSEWER GREASE INTERCEPTOR
ISSEWER GREASE TRAP
ISSEWER GREASE INTERCEPTOR



INSET (N.T.S.)

1475 LF +/- TO 6" GATE VALVE AT OLD MONROE ROAD

2000 LF +/- TO 6" GATE VALVE AT GRIBBLE ROAD

3800 LF +/- TO 6" GATE VALVE AT UNIONVILLE INDIAN TRAIL ROAD

9/9/2015
...Utilities\Roadway\B-5243_Ut_rdy sht4\UC(ut) const Sht4.psh.dgn