5/14/99

20 10 0 20 40

PROJECT REFERENCE NO.	SHEET NO.
U-3308	UC-20

DESIGNED BY: DGB
DRAWN BY: JGB
CHECKED BY: KFC
APPROVED BY: JJW
REVISED:

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

NORTH CAROLINA PROFESSIONAL SEAL 030056 ENGINEER JEFFREY J. WOOD
11/30/2015
UTILITY CONSTRUCTION PLANS ONLY

PREPARED IN THE OFFICE OF:
Kimley»Horn
P.O. BOX 33068
RALEIGH, NORTH CAROLINA 27636-3068
PHONE:(919)677-2000
FAX:(919)677-2050
PE NO. F-0102

UTILITY CONSTRUCTION

ALL WATER AND SEWER LINES SHALL BE DUCTILE IRON PIPE

RELOCATE WATER METER TOTAL: 4

SANITARY SEWER CLEAN-OUT TOTAL: 8

MATCH LINE SHEET UC-10

PROPOSED 8" VALVE
-W17- STA 15+45.10
-Y15- STA 14+14.95
OFFSET 22.07 (LT)

PROPOSED 8"x6" TEE
-W17- STA 15+42.09
-Y15- STA 14+11.88
OFFSET 22.03 (LT)

PROPOSED 8" VALVE
-W17- STA 15+39.09
-Y15- STA 14+08.81
OFFSET 22.09 (LT)

DO NOT DISTURB SIGN

MAINTAIN >1' HORIZONTAL SEPARATION BETWEEN PROPOSED DRAINAGE AND WATERLINE

PROPOSED 4' DIA UTILITY MANHOLE
-SS15- STA 12+86.99
-Y15- STA 15+23.69
OFFSET 60.77 (LT)

PROPOSED 373 LF OF 8" WATER LINE

PROPOSED 4' DIA UTILITY MANHOLE
-SS16- STA 10+00.00
-Y15- STA 15+42.07
OFFSET 28.02 (LT)

PROPOSED 8" 45° BEND
-W17- STA 17+14.75
-Y15- STA 15+85.07
OFFSET 14.95 (LT)

PROPOSED 8" 45° BEND
-W17- STA 17+30.49
-Y15- STA 15+96.02
OFFSET 3.64 (LT)

PROPOSED 8" VALVE
-W17- STA 17+40.07
-Y15- STA 16+05.60
OFFSET 3.48 (LT)

CONNECTION DETAIL NO. 1
CONNECT TO EXISTING 8" WATER LINE
-W17- STA 17+43.07
-Y15- STA 16+08.60
OFFSET 3.43 (LT)

Reset Fence to Prop PUE

Tie to Exist. Sidewalk

PROPOSED 4' DIA UTILITY MANHOLE
-SS16- STA 10+92.54
-Y15- STA 16+02.80
OFFSET 3.29 (RT)

PROPOSED 63 LF OF 8" SANITARY GRAVITY SEWER

PROPOSED 4' DIA UTILITY MANHOLE
-SS25- STA 10+67.13
-Y15- STA 16+05.95
OFFSET 31.93 (RT)

PROPOSED 67 LF OF 8" SANITARY GRAVITY SEWER

PROPOSED 19 LF OF 8" SANITARY GRAVITY SEWER

PROPOSED 4' DIA UTILITY MANHOLE
-SS17- STA 10+18.73
-SS25- 10+00.00
-Y15- STA 15+39.72
OFFSET 21.01 (RT)

ABANDON 355 LF OF 8" UTILITY PIPE

RELOCATE FIRE HYDRANT

PROPOSED 8" VALVE
-W17- STA 15+42.09
OFFSET 7.54 (RT)
-Y15- STA 14+11.72
OFFSET 14.49 (LT)

RELOCATE WATER METER, TYP.

PROPOSED 30 LF OF 8" SANITARY GRAVITY SEWER

PROPOSED 4' DIA UTILITY MANHOLE
-SS16- STA 10+30.35
-SS17- STA 10+00.00
-Y15- STA 15+40.61
OFFSET 2.30 (RT)

PROPOSED 258 LF OF 8" SANITARY GRAVITY SEWER

REMOVE UTILITY MANHOLE, TYP.

PROPOSED 47 LF OF 6" WATER LINE

PROPOSED 4' DIA UTILITY MANHOLE
-SS15- STA 10+29.05
-Y15- STA 12+71.23
OFFSET 1.02 (LT)

PROPOSED 29 LF OF HISTORIC 8" SANITARY GRAVITY SEWER

PROPOSED 4' DIA UTILITY MANHOLE
-SS15- STA 10+00.00
-Y15- STA 12+70.94
OFFSET 28.03 (RT)

PROPOSED 6" VALVE
-W17- STA 15+42.09
OFFSET 41.55 (RT)
-Y15- STA 14+11.03
OFFSET 19.51 (RT)

DURHAM PUBLIC SCHOOLS BOARD OF EDUCATION
DB 1838 PG 314
PB 29 PG 208

RICHARD L. SOLES DB 5334, PG 313

THOMAS A. D... DB 3724 PG ...

TCB-DVI HOLMAN HOMES, LLC.
DB 5372 PG 935
PB 175 PG 97
NO CLAIM

Do Not Disturb House

HISTORIC DISTRICT

PT Sta. 14+34.74

PI Sta 14+49.71
Δ = 14° 45.3" (RT)
D = 1° 27' 33.0"
T = 10.57'
L = 5.44'
R = 500.00'

EXISTING R/W

NAD 83/95

YOU DIG IT! 811 OR 1-800-632-4949