REVISIONS
R/W REV - CHANGED PARCEL NAMES FOR PARCEL 5,12, AND 20

PROJECT REFERENCE NO.	SHEET NO.
R-2813C	UC-7
R /W SHEET NO.	

METRIC

5 0 10

CONST.REV.

R /W REV.

Kimley-Horn and Associates, Inc.
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NORTH CAROLINA PROFESSIONAL SEAL 10952 ENGINEER KEVIN F. CARTER 4/20/04

UTILITY CONSTRUCTION

FOR PROFILE OF -L- SEE SHEETS UC-15 & 17

NAD 83

OBLITERATE & REMOVE

3 S F & BRK APARTMENTS

3 S F CONDOS

PC Sta. 45+42.591

-LBL- 202

-LBL- PINC 15+47.357 = -L- Sta. 45+42.591 (3.810 LT.)

BEGIN SUPER TRANSITION 44+07.975

END SUPER TRANSITION 46+25.309

RELOCATE EXISTING WATER METER ASSEMBLY
1-600 mm x 25 mm TAPPING SADDLE
1-25 mm CORPORATION STOP
4 m OF 25 mm TYPE K COPPER WATER PIPE

PROP 1-600mm BUTTERFLY VALVE ASSEMBLY 1.72 MPa WP
W/L (-L2-) STA 19+28.000
SEE DETAIL 209

PROPOSED 302.005 m OF 600 mm DI WATER PIPE
PC 2.41 MPa LOCATED AT 14.7 m OFF ℄ PROPOSED ROAD

PROP PRESSURE AIR RELEASE VALVE ASSEMBLY (ARV)
W/L (-L2-) STA 20+00.000
SEE DETAIL 205

PROP FIRE HYDRANT, SEE DETAIL 301
W/L (-L2-) STA 20+77.000
3.5 m OF 150 mm MJ DI WATER PIPE PC 2.41 MPa
1 - 600 mm x 150 mm DI MJ TEE
1 - 150 mm GATE VALVE AND VALVE BOX, 1.38 MPa
1 - FIRE HYDRANT 1.38 MPa WP

PROP 600 mm x 150 mm DI MJ TEE
W/L (-L2-) STA 20+66.500
W/L (-Y14-) STA 10+00.000
PROP 150 mm GATE VALVE AND VALVE BOX, 1.38MPa WP
W/L (-Y-) STA 10+00.500

MATCHLINE SEE SHEET UC-6
W/L (-L2-) STA 17+99.529

MATCHLINE SEE SHEET UC-8
W/L (-L2-) STA 21+01.534

LONG SHOALS ROAD (NC 146)

REMOVE EXISTING FIRE HYDRANT

RECONNECT EXISTING WATER METER
1-600 mm x 16 mm TAPPING SADDLE
1-16 mm CORPORATION STOP
32 m OF 16 mm TYPE K COPPER WATER PIPE

RECONNECT EXISTING WATER METERS
1-600 mm x 25 mm TAPPING SADDLE
1-25 mm CORPORATION STOP
32 m OF 25 mm TYPE K COPPER WATER PIPE

RELOCATE EXISTING WATER METER ASSEMBLY
1-600 mm x 16 mm TAPPING SADDLE
1-16 mm CORPORATION STOP
28 m OF 16 mm TYPE K COPPER WATER PIPE

RELOCATE EXISTING WATER METER ASSEMBLY
1-600 mm x 16 mm TAPPING SADDLE
1-16 mm CORPORATION STOP
28 m OF 16 mm TYPE K COPPER WATER PIPE

EXISTING WATERLINE TO BE PLUGGED AND ABANDONED

RELOCATE EXISTING WATER METER ASSEMBLY
1-600 mm x 16 mm TAPPING SADDLE
1-16 mm CORPORATION STOP
28 m OF 16 mm TYPE K COPPER WATER PIPE

PROP FIRE HYDRANT, SEE DETAIL 301
W/L (-L2-) STA 19+24.500
29 m OF 150 mm MJ DI WATER PIPE PC 2.41 MPa
1 - 600 mm X 150 mm DI TEE
1 - 150 mm GATE VALVE AND VALVE BOX, 1.38 MPa
1 - FIRE HYDRANT 1.38 MPa WP

REMOVE EXISTING FIRE HYDRANT

PROPOSED 30 m of 150 mm DI WATER PIPE PC 2.41 MPa

CONNECT TO EXISTING 150 mm WATER LINE
W/L (-Y14-) STA 10+30.000
1 - 150 mm 90° DI MJ BEND
1 - 150 mm MJ SOLID SLEEVE COUPLING

PI Sta 45+15.753
Δ = 30° 47' 34.0" (LT)
L = 150.491
T = 77.111
R = 280.000

PI Sta 43+33.468
Δ = 34° 16' 54.1" (LT)
L = 167.532
T = 86.358
R = 280.000
SE = 0.04 m/m
R.O. = 80m

SEE SHEET UC-15 FOR (-L2-) PROFILE

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