PROJECT REFERENCE NO.	SHEET NO.
U – 3315	UC – 17

DESIGNED BY: FDT /GJC
DRAWN BY: JHT
CHECKED BY: FDT /GJC
APPROVED BY: FDT /GJC
REVISED: 3–31–15

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NORTH CAROLINA PROFESSIONAL SEAL 16744 ENGINEER GREGORY J. CHURCHILL
5/4/2015
DocuSigned by: Gregory J. Churchill
PROJECT ENGINEER

UTILITY CONSTRUCTION

REVISIONS

SEE SHEET UC-7

SEE SHEET UC-8

VPI #61 22+77.01 ELEV. 67.40
VPI #62 22+92.01 ELEV. 66.40
VPI #63 23+30.71 ELEV. 66.40
VPI #64 23+32.01 ELEV. 65.10
23+20.9 C/L DAVENPORT ST
23+26.8 2" TAPPING SADDLE (DAVENPORT ST)
VPI #65 23+32.03 ELEV. 65.10
VPI #66 23+52.01 ELEV. 67.70
VPI #67 24+07.01 ELEV. 67.70
VPI #68 24+17.39 ELEV. 63.40
VPI #69 24+25.21 ELEV. 63.40
VPI #70 24+27.01 ELEV. 65.20
24+36.7 8" TEE (RALEIGH AVE S)
24+46.0 C/L DONOVAN LN (TO BE REMOVED)
VPI #71 24+47.01 ELEV. 65.20
VPI #72 24+87.01 ELEV. 63.90
25+04.3 8" TEE (BATTLE ST N)
VPI #73 26+07.01 ELEV. 62.90
VPI #74 26+47.01 ELEV. 61.10
VPI #75 26+49.21 ELEV. 60.50
VPI #76 26+97.01 ELEV. 57.70
VPI #77 27+07.01 ELEV. 57.70
ELEVATION CENTER OF PIPE
VPI #78 27+09.41 ELEV. 60.10
VPI #79 27+09.41 ELEV. 60.10
VPI #80 27+32.01 ELEV. 58.50
VPI #81 27+39.10 ELEV. 58.50
VPI #82 27+42.54 ELEV. 54.67
VPI #83 27+55.71 ELEV. 54.67
VPI #84 27+59.94 ELEV. 58.00
VPI #85 27+87.01 ELEV. 58.00
VPI #86 27+89.01 ELEV. 56.00
VPI #87 27+89.01 ELEV. 56.00
VPI #88 28+02.01 ELEV. 59.10
VPI #89 28+57.01 ELEV. 59.10
VPI #90 29+47.01 ELEV. 57.40
VPI #91 30+67.01 ELEV. 56.70
VPI #92 30+77.01 ELEV. 54.70
VPI #93 31+77.01 ELEV. 54.70
VPI #94 31+57.01 ELEV. 56.50
VPI #95 31+97.01 ELEV. 56.50
VPI #96 32+07.01 ELEV. 56.00
VPI #97 32+45.51 ELEV. 56.00
VPI #98 32+47.01 ELEV. 54.50
VPI #99 32+77.01 ELEV. 54.50
23+20.9 C/L DAVENPORT ST
36" MIN
EXISTING GRADE
PROPOSED GRADE
18" MIN CLEARANCE OR REPLACE WITH 20' DIP SANITARY SEWER & INSTALL 20' DIP WATER (TYP) (CENTER AT WATER MAIN CROSSING)
EX 6" WTR
EX 8"TC SANSWR 62.13
EX 8" WTR
15"RCP STMSWR 64.93
18" MIN CLEARANCE OR REPLACE WITH 20' DIP SANITARY SEWER MAIN & INSTALL 20' DIP WATER (TYPICAL) (CENTER AT WATER MAIN CROSSING)
EX 8"TC SANSWR 61.30
130' OF 8" DIP (4) 8" 45° VERT DI BENDS (2) 8" 11¼° VERT DI BENDS
PROPOSED 8" C900 PVC WATER MAIN
ELEVATION TOP OF PIPE
EX TV FO
EX PWR
EX 2" GAS
EX 15"RCP STMSWR 59.29
30"RCP STMSWR 56.35
EX 10"TC SANSWR 59.92
EX 6" WTR
EX 18"RCP STMSWR 57.62
165' OF 8" DIP (14) 8" 45° VERT DI BENDS
REPLACE WITH 20' DIP SANITARY SEWER MAIN (TYPICAL) (CENTER AT WATER MAIN CROSSING)
26+74.0 8" 22½° BEND
26+80.9 8"X 6" LH TEE
27+49.5 8"X 6" TEE (14th ST N)
27+53.2 8" 22½° BEND
27+62.4 8"X 6" TEE (14th ST S)
27+78.6 C/L WEST 14th ST
28+52.6 1" WTR SERV
28+57.6 2" WTR SERV
60' OF 8" DIP (CONTAMINATED AREA) (USE VITON GASKETS)
31+05.2 C/L SPRUCE ST (TO BE REMOVED)
EX 18"RCP STMSWR 56.25
EX 4" WTR
50' OF 8" DIP (2) 8" 11 1/4 ° VERT DI BENDS
EX 6"TC SANSWR 56.81
EX 2" GAS
32+48.3 C/L PENNSYLVANIA AVE (TO BE REMOVED)
32+56.8 8"X 6" TEE (PENNSYLVANIA AVE N)
EX 6"TC SANSWR 56.40
EX 15"RCP STMSWR 56.44
EX 2" GAS
EX 6" WTR
45' OF 8" DIP (2) 8" 45° VERT DI BENDS
SHEET UC-7 MATCH LINE -L- STA 51+00 SHEET UC-8
67.73 67.73 66.73 67.64 68.03 65.44 64.13 63.71 63.29 61.40 58.04 55.00 57.43 59.44 58.73 57.72 57.43 57.13 55.04 56.52 56.76 54.84 56.73
22+00 23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00
WEST 10th STREET
8" WATER LINE (WL-3)

SEE SHEET UC-8

SEE SHEET UC-9

VPI #100 32-92.01 ELEV. 56.00
VPI #101 33+12.01 ELEV. 57.00
VPI #102 33+52.01 ELEV. 57.30
VPI #103 33+92.01 ELEV. 58.50
VPI #104 35+12.01 ELEV. 57.60
VPI #105 35-52.01 ELEV. 57.60
VPI #106 36+12.01 ELEV. 54.10
VPI #107 36-37.01 ELEV. 54.10
VPI #108 36-52.01 ELEV. 57.20
VPI #109 37+12.01 ELEV. 57.20
VPI #110 37-32.01 ELEV. 57.00
VPI #111 37+72.01 ELEV. 57.00
VPI #112 38+07.01 ELEV. 55.80
VPI #113 38+54.41 ELEV. 55.80
VPI #114 38+57.01 ELEV. 53.20
VPI #115 38+67.01 ELEV. 53.20
VPI #116 39+77.01 ELEV. 58.00
VPI #117 39+12.01 ELEV. 58.00
VPI #118 39+77.01 ELEV. 58.60
VPI #119 40+52.01 ELEV. 58.60
VPI #120 40+72.01 ELEV. 58.00
VPI #121 41+07.01 ELEV. 58.00
VPI #122 41+09.51 ELEV. 55.90
VPI #123 41+17.01 ELEV. 55.90
VPI #124 41+57.01 ELEV. 57.80
VPI #125 41+77.01 ELEV. 57.50
VPI #126 41+97.01 ELEV. 58.00
VPI #127 42+17.01 ELEV. 57.40
VPI #128 42-37.01 ELEV. 58.70
VPI #129 42+57.01 ELEV. 59.30
VPI #130 43+17.01 ELEV. 58.10
VPI #131 43-37.01 ELEV. 58.10
VPI #132 43+57.01 ELEV. 59.50
VPI #133 43+77.01 ELEV. 59.50
8"X 10" REDUCER
34+43.9 10" TEE (MYRTLE ST W, PENNSYLVANIA AVE S)
36+26.1 10" TEE (MYRTLE ST E)
8"X 10" REDUCER
38+54.2 C/L MYRTLE ST
PROPOSED GRADE
36+84.9 8"X 6" LH TEE
38+25.6 C/L COLUMBIA AVE
ELEVATION CENTER OF PIPE
39+90.9 8"X 6" TEE (CHESTNUT ST S & COLUMBIA AVE S)
40+80.8 1" WTR SERV
41+40.9 C/L CHESTNUT ST (TO BE REMOVED)
41+47.7 8"X 6" TEE (CHESTNUT ST N)
EXISTING GRADE
PROPOSED GRADE
43+11.3 8" 45° BEND
43+20.7 8" 45° BEND
43+40.7 8" 45° BEND
43+50.1 8" 45° BEND
PROPOSED 8" C900 PVC WATER MAIN
2" GAS
PROPOSED 10" C900 PVC WATER MAIN
EX 10"TC WTR
EX 2" GAS
PROPOSED 8" C900 PVC WATER MAIN
EX TV
EX WTR SERV (ABANDON)
EX 6" WTR
EX GAS SERV
EX 24"TC STMSWR 54.78
60' OF 10" DIP (2) 10° 11¼° VERT DI BENDS
50' OF 8" DIP (2) 8" 11¼° VERT DI BENDS
EX 8"TC SANSWR REPLACE WITH 20' DIP SANITARY SEWER MAIN (CENTER OVER PROP 10" WATER MAIN)
70' OF 8" DIP (4) 8" 45° VERT DI BENDS
2" GAS (CHESTNUT ST S)
15"RCP STMSWR 57.60
EX 6" WTR
55' OF 8" DIP (2) 8" 45° VERT DI BENDS
2" GAS (CHESTNUT ST N)
EX TV
EX 8"TRUSS SANSWR 53.73
18" MIN CLEARANCE OR REPLACE WITH 20' DIP SANITARY SEWER & INSTALL 20' DIP WATER (TYP) (CENTER AT CROSSING)
EX 2" GAS
36" MIN
ELEVATION TOP OF PIPE
SHEET UC-8 MATCH LINE -L- STA 61+00 SHEET UC-9
56.73 57.62 56.91 57.37 57.82 57.94 56.54 57.12 57.54 57.34 56.78 56.13 58.34 58.90 58.94 58.94 58.34 57.80 58.25 59.16 59.46 59.34 59.17
33+00 34+00 35+00 36+00 37+00 38+00 39+00 40+00 41+00 42+00 43+00 44+00
WEST 10th STREET
8" & 10" WATER LINE (WL-3)

SCALE
HOR: 1" = 40'
VER: 1" = 10'

N:\Conley-Horn\1000 10th Street NC\007 Folder Structure\Utilities\Rdy_to_Proj\plan sheets\Profiles - Travis\U-3315_Water Profiles - Travis 111.dgn
4/21/2015