

MATCHLINE SEE SHEET UC-16
-L- STA 180+00

MATCHLINE SEE SHEET UC-18
-L- STA 193+00

DOCUMENT NOT CONSIDERED FINAL
UNTIL ALL SIGNATURES ARE COMPLETED

SEE UTILITY CONSTRUCTION NOTES

PROPOSED 10'x10' RECEIVING PIT WITH AT APPROX. TOP OF SLOPE

PROP. 24"x24"x6" TEE
PROP. BORE AND JACK OF 139 LF OF 36" ENCASEMENT PIPE
PROP. 139 LF OF 36" STL. ENCASEMENT PIPE

EXIST. IN LINE VALVE TO FACILITATE SHUTDOWN FOR RECONNECT OF EXIST. 8" WATER LINE IS APPROX. 680' FROM TIE-IN LOCATION
TIE TO EXIST. 8" USING RJ SOLID SLEEVE WITH RESTRAINTS

PROP. 42 LF OF 8" WATER LINE
PROP. 8" VALVE

PROPOSED 20'x40' ENTRY PIT WITH AT APPROX. TOP OF SLOPE

PROP. FIRE HYDRANT
PROP. 6" VALVE
PROP. 20 LF OF FIRE HYDRANT LEG

CONTRACTOR TO DETERMINE IF METERS ARE STILL IN PLACE AND ACTIVE AND REMOVE/RELOCATE

PROP. 24" VALVE
BEGIN -WL-20R2- STA 0+00
-L- STA. 190+86.82 (75.98' LT)

PROP. 30"x24" REDUCER
PROP. 213 LF OF 30" WATER LINE

ABANDON 359 LF OF 12" UTILITY PIPE

PROP. FIRE HYDRANT
14 LF OF FIRE HYDRANT LEG
PROP. 6" VALVE

PROP. 2" VALVE
PROP. 84 LF OF 2" WATER LINE

PROP. 2" SADDLE TAP

PROP. 24" GATE VALVE
PROPOSED 10'x10' RECEIVING PIT WITH 1:1 SIDE SLOPE

PROP. 250 SF OF TEMPORARY SHORING NO.9
PIT SHALL BE ACTIVE SHORED
REMOVE WATER METERS (TYP. 2)

EXIST. UGE AS SHOWN ON INSET
RELOCATE ENTIRE ASSEMBLY

PROPOSED 128 LF OF 36" ENCASEMENT PIPE AND BORE AND JACK OF 128LF OF 36" ENCASEMENT

RELOCATE 1" WATER METERS (TYP. 4) AND 40 LF OF WATER SERVICE LINE

PROP 1300 SF OF TEMPORARY SHORING NO.8

ABANDON 1301 LF OF 6" UTILITY PIPE

PROP 8" VALVE

PROP 636 SF OF TEMPORARY SHORING NO.10

ENTRY PIT SHALL BE ACTIVE SHORED
PROPOSED 20'x40' ENTRY PIT WITH 1:1 SIDE SLOPE

PROPOSED 160 LF OF 24" WATER LINE

ABANDON 67 LF OF 6" UTILITY PIPE

PROPOSED 24"x24"x8"x8" RJ CROSS

-WL-18A- STA 0+37.21
-WL-19- STA 0+64.09

PROPOSED 8" x6" RJ REDUCER

PROPOSED 8 LF OF FIRE HYDRANT LEG

PROPOSED FIRE HYDRANT

PROPOSED 8" VALVE

PROPOSED 24" VALVE

EXISTING IN LINE VALVE TO FACILITATE SHUTDOWN FOR RECONNECTION OF THE EXISTING 2" WATER LINE IS APPROXIMATELY 144' FROM PROP. TIE-IN LOCATION

PROP. 14 LF OF FIRE HYDRANT LEG
PROP. 6" VALVE
PROP. FIRE HYDRANT

ABANDON 189 LF OF 2" WATER LINE

SPLIT SERVICE TO BE INSTALLED PER PWC DETAIL W.3 & W.3B

RELOCATE 2" WATER METER W/ PROP 14 LF OF 2" SERVICE LINE
PROP. 2" VALVE

PROP. FIRE HYDRANT

PROP. 6" VALVE

PROP. 14 LF OF FIRE HYDRANT LEG
PROP. 24" VALVE

RECONNECT WATER METER

PROP. SANITARY SEWER CLEAN OUT
PROP. 43 LF OF SANITARY SEWER SERVICE LINE

PROPOSED 24" GATE VALVE
PROPOSED 10'x10' RECEIVING PIT WITH 1:1 SIDE SLOPE

PROP. 2" BLOW OFF ASSEMBLY (PERMANENT)

PROP 6" VALVE
PROP 2" VALVE

RELOCATE 1" WATER METERS (TYP. 2)

PROP 1820 SF OF TEMPORARY SHORING NO.7

PROP 28 LF OF FIRE HYDRANT LEG

PROP 8" VALVE

SEE UTILITY CONST. NOTES
PROP 10 LF OF WATER LINE SERVICE

2 SPLIT TAPS
RELOCATE 1" WATER METER (TYP. 4)

PROP SPLIT SERVICE TO BE INSTALLED PER PWC DETAIL W.3 AND W.3B

PROP 12 LF OF WATER SERVICE LINE

RELOCATE 2-1" WATER METERS

PROP SPLIT SERVICE TO BE INSTALLED PER PWC DETAIL W.3 AND W.3B

PROPOSED FIRE HYDRANT

PROPOSED 6" VALVE

PROPOSED 9 LF OF FIRE HYDRANT LEG

PROPOSED 8"x8"x6" TEE
-WL-18- STA 29+52.68

PROPOSED 17 LF OF FIRE HYDRANT LEG

PROPOSED 26,693 POUNDS OF DUCTILE IRON WATER PIPE FITTINGS

PROP 884 LF OF 8" WATER LINE
PROP 6" VALVE

PROP FIRE HYDRANT

PROP 2" VALVE

PROP 2" BLOW OFF

PROP 2" VALVE

PROP 8" EXTENSION WITH 2" BLOW-OFF AND 2" TAP AND VALVE FOR TEMPORARY MAIN

TEMPORARY 2" MAIN SEE UTILITY CONST. NOTES

PROPOSED 8" VALVE

PROPOSED 8"x8"x8" RJ TEE
-WL-18- STA 33+73.88

REMOVE VALVE

CONNECT TO EXISTING 24" WATER LINE W/ 24" DI MJ SOLID SLEEVE AND RESTRAINING GLANDS
-WL-19- STA 0+00.00

SLEEVE INTO EXIST 8" MAIN

PROP 48 LF OF 8" WATER LINE

PROP 24" LINE STOP

180 LF OF EXIST RJDIP

NC GRID
NAD 83/NA 2011

PROJECT REFERENCE NO.	U-4405
SHEET NO.	UC-17
DESIGNED BY:	AMH
DRAWN BY:	AMH/AB
CHECKED BY:	AMH
APPROVED BY:	MWF
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
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UTILITY CONSTRUCTION

- PROPOSED ARRANGEMENT (N.T.S.)
- 30"x30"x6" RJ DI TEE
 - 2" SADDLE TAP WITH BALL VALVE
 - 2-2" DOMESTIC LATERALS AND BFP ASSEMBLIES PER PWC DETAIL W.30 CONNECT BACK TO 1.5" SERVICE LATERALS AFTER BFP ENCLOSURE
 - 6" GATE VALVE AND BOX
 - 6" DCV BACKFLOW PREVENTION ASSEMBLY
- EXISTING ARRANGEMENT (N.T.S.)
- 12"x12"x6" TEE
 - 2" SADDLE TAP WITH BALL VALVE
 - 6" DCV BACKFLOW PREVENTION ASSEMBLY
 - 6" FIRE LINE
 - 1.5" DOMESTIC SERVICE AND BFP
 - 1.5" IRRIGATION SERVICE AND BFP

RELOCATE WATER METER (TYP. 4)
SEE UTILITY CONSTRUCTION NOTES

NOTES:

SEE SHEET UC-41 AND UC-42 FOR -WL-18- PROFILE
SEE SHEET UC-42 FOR -WL-18A- PROFILE
SEE SHEET UC-43 FOR -WL-19- PROFILE
SEE SHEET UC-44 & UC-45 FOR -WL-20R1- PROFILE
SEE SHEET UC-45 FOR -WL-20R2- PROFILE
SEE SHEET UC-48 FOR -WL-20A- PROFILE