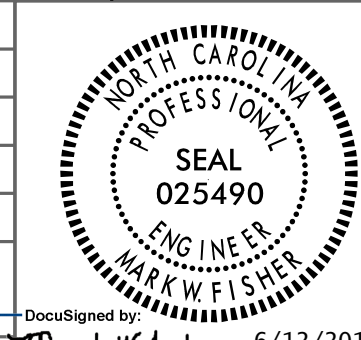


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# UTILITY CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-4405	UC-3C
DESIGNED BY: AMH	
DRAWN BY: AMH/AB	
CHECKED BY: AMH	
APPROVED BY: MWF	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. 1	6/12/2018
PHONE: (919) 707-6650	CONSTRUCTION PLANS ONLY
FAX: (919) 250-4151	

### UC-19 UTILITY NOTES:

- EXIST. 2" MAIN CONFLICTS WITH TRENCH FOR PROP. 8" MAIN. CONTRACTOR SHALL MAINTAIN EXIST. 2" SERVICE WHILE INSTALLING PROP. 8". CONTRACTOR SHALL COORDINATE WITH PWC PROJECT COORDINATOR WHEN INSTALLING TEMPORARY SERVICE LATERAL TO 2" METER.
- PRIOR TO PERFORMING BORE AND JACK OF WL-19A, CONTRACTOR SHALL PROVIDE TEMPORARY 1" SERVICE TO NEW METER. TEMPORARY 1" SERVICE SHALL BE TAPPED OFF OF THE EXISTING 12". ONCE WL-20 IS OPERATIONAL, RECONNECT METER TO 30"
- CONTRACTOR SHALL RE-ROUTE 4" LATERAL ON PARCEL 213 TO CLEAR ISLAND FOR PROP. HYDRANT. RE-ROUTE 4" LATERAL BEFORE INSTALLING WL-20.
- CONTRACTOR SHALL RE-ROUTE 1" SERVICE FOR PARCEL 215 BEFORE INSTALLING WL-20.
- CONTRACTOR SHALL SAFEGUARD EXIST. 12" AC DURING INSTALLATION OF 30" BY IMPLEMENTING THE FOLLOWING SPECIAL PROVISION:
  - CONTRACTOR SHALL INSTALL WL-20R2 FROM HOPE MILLS ROAD TO PROP. MAIN LINE VALVE NEAR STATION 24+35. HAVE OPERATIONAL AND RECONNECT ALL SERVICES AND EXISTING CROSS-LINES.
  - CONTRACTOR SHALL ALSO INSTALL WL-20R2 FROM MAIN LINE VALVE AT APPROX .WL-20R2- STA 33+12 TO WL-22 (APPROX .WL-20R2- STA 53+50). HAVE OPERATIONAL AND RECONNECT ALL SERVICES AND EXISTING CROSS-LINES.
  - CONTRACTOR SHALL COORDINATE WITH PWC'S PROJECT COORDINATOR TO ISOLATE EXISTING 12" VALVE, EV-45, WEST OF HOPE MILLS ROAD INTERSECTION AND STATION .WL-20R2- STA 40+75 (EAST OF IRELAND DRIVE) SO 12" CAN BE TAKEN OFF LINE AND TO CONNECT ENDS OF PROPOSED 30".
- CONSTRUCTION SHALL SUBMIT A DETAILED SEWAGE BYPASS PLAN FOR MAINTAINING ALL SEWAGE FLOWS THAT WILL BE IMPACTED BY THE SEWER RELOCATION AND ADHERE TO ALL REQUIREMENTS IN OWNERS'S WASTEWATER FLOW CONTROL SPECIFICATIONS
- CONTRACTOR SHALL PROPERLY BARRICADE BYPASS PUMP MANHOLE AND ADHERE TO MUTCD FOR BARARICADE PLACEMENT AND SIGNAGE. TRAFFIC FLOW IN RAEFORD ROAD SHALL NOT BE OBSTRUCTED BY BYPASS PUMP OPERATION.
- CONTRACTOR SHALL SECURE BYPASS PIPING ACROSS IRELAND DRIVE AND MAINTAIN TRAFFIC FLOW. TRAFFIC RATED RAMP OR OTHER ACCEPTABLE TEMPORARY MEANS SHALL BE PROVIDED TO MAINTAIN TRAFFIC FLOW FOR IRELAND DRIVE.
- TEMPORARY SHORING IF REQUIRED FOR BUILDING FOUNDATION PROTECTION OR MAINTENANCE OF TRAFFIC WILL BE PAID AS TEMPORARY SHORING IN SQUARE FEET BELOW GROUND SURFACE

### UC-20 UTILITY NOTES:

- 2" SERVICE IS ASSUMED TO BE IRRIGATION TAP FOR BYRAN HONDA. CONTRACTOR TO COORDINATE WITH PWC PROJECT COORDINATOR PRIOR TO PROVIDING NEW SERVICE AND ORDERING MATERIAL.
- RIGHT OF ENTRY NOTE:
- CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING RIGHT OF ENTRY TO RECONNECT NEW MAIN TO EXISTING FIRE LINE IF RECONNECTION CANNOT BE MADE WITHIN PUE

### UC-20A UTILITY NOTES:

- TEMPORARY SHORING IF REQUIRED FOR BUILDING FOUNDATION PROTECTION OR MAINTENANCE OF TRAFFIC WILL BE PAID AS TEMPORARY SHORING IN SQUARE FEET BELOW GROUND SURFACE

### UC-20B UTILITY NOTES:

- 2" SERVICE IS ASSUMED TO BE IRRIGATION TAP FOR BYRAN HONDA. CONTRACTOR TO COORDINATE WITH PWC PROJECT COORDINATOR PRIOR TO PROVIDING NEW SERVICE AND ORDERING MATERIAL.
- RIGHT OF ENTRY NOTE:
- CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING RIGHT OF ENTRY TO RECONNECT NEW MAIN TO EXISTING FIRE LINE IF RECONNECTION CANNOT BE MADE WITHIN PUE

### UC-21 UTILITY NOTES:

- CONTRACTOR SHALL COORDINATE WITH BRYAN HONDA PRIOR TO CONSTRUCTION TO COORDINATE TRENCHING THROUGH PARKING LOT. CONTRACTOR SHALL POTHOLE IN ADVANCE OF CONSTRUCTION AND IDENTIFY ALL LIGHTING CIRCUITRY AND CONTROL CONDUIT. LOCATIONS ON DRAWINGS ARE APPROXIMATE AND SHALL BE VERIFIED.
- CONTRACTOR SHALL NOT DISTURB ANY CONDUIT FOR POWER AND CONTROL WIRING FOR LIGHT POLE AND DRIVEWAY SENSORS. CONTRACTOR SHALL TAKE PRECAUTIONS AND MEASURES TO PROTECT EXISTING CONDUITS.
- CONTRACTOR SHALL PROTECT LIGHT POLES FROM TRENCHING OF WATER MAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND ALL COSTS ASSOCIATED WITH DISMANTLING AND REINSTALLING LIGHT POLES DURING INSTALLATION OF WATER MAIN, ACCORDING TO DRAWINGS PROVIDED BY DEALERSHIP, POLE BASES ARE 2'-6" SQUARE AND INSTALLED 7' DEEP.
- COORDINATE METER PLACEMENTS WITH 6" CONDUIT THAT POWERS AND CONTROLS DRIVEWAY SENSORS.
- 3" WATER SERVICE AND 8" SPRINKLER LINE ARE BASED ON RECORDS OBTAINED FROM DEALERSHIP. COORDINATE WITH PWC PROJECT COORDINATOR AND DEALERSHIP TO VERIFY IF MAINS NEED TO BE RECONNECTED. QUANTITIES ARE INCLUDED IN BID ESTIMATES. VERIFY MATERIAL PRIOR TO ORDERING MATERIAL FOR RECONNECTION.
- BACKFLOW FOR 8" FIRE LINE IS PRESUMABLY IN BUILDING.

### UC-32 UTILITY NOTES:

- FULLY GROUT MIN. 60LF OF 24" EXIST MAIN. PLUG EACH END OF ABANDONED MAIN PER PWC DETAIL W-22.

**UTILITY CONSTRUCTION**  
**DOCUMENT NOT CONSIDERED FINAL**  
**UNTIL ALL SIGNATURES ARE COMPLETED**