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PROJECT REFERENCE NO.	SHEET NO.
U-5302	UC-3A
DESIGNED BY:	
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APPROVED BY: SDS	
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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC.
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NORTH CAROLINA PROFESSIONAL SEAL 058684 ENGINEER CATHERINE R. CARGEMAN

Signed by: Catherine R. Cargeman
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1/19/2026

UTILITY CONSTRUCTION

CONSTRUCTION SEQUENCE

WL-4 (CONT.)

4. AFTER ALL SERVICES HAVE BEEN TRANSFERRED, CONNECT NEW MAIN TO EXISTING MAIN AS SHOWN ON SHEET UC-6. USE EXISTING SYSTEM VALVES, PROPOSED INSERTION VALVES, PROPOSED MAIN VALVES, AND / OR LINE STOPS TO ISOLATE WATER LINE OUTAGE. ALL NECESSARY PREPARATIONS SHOULD BE MADE TO MINIMIZE THE DURATION OF ANY WATERLINE OUTAGES, AND COORDINATION WITH THE UTILITY PROVIDER IS REQUIRED FOR ALL PLANNED DISRUPTIONS.

5. ABANDONED WATER MAINS SHALL BE DRAINED OF RESIDUAL WATER, FILLED WITH FLOWABLE FILL, AND PLUGGED AT EACH END OF THE ABANDONMENT.

WL-5

1. CLOSE EXISTING 12-IN VALVE NO. EV5 (ON SHEET UC-7), LOCATED IN INTERSECTION OF US-401 AND PINEWINDS DRIVE. PLACE A 12-INCH LINESTOP IN MAIN ON PURSER DRIVE AS SHOWN ON SHEET UC-7.

2. CONNECT NEW MAINS TO EXISTING MAINS AS SHOWN ON SHEETS UC-6, AND UC-7.

3. RECONNECT ANY RELOCATED WATER METERS TO EXISTING SERVICE LINES.

WL-6

1. CLOSE THE INSERT VALVE LOCATED AT APPROXIMATE STATION 43+88 OF WL-1. CLOSE THE INSERT VALVE THAT WILL BE INSTALLED AT APPROXIMATE STATION 48+55. CLOSE THE EXISTING 6-IN VALVE EV7 (ON SHEET UC-8). PLACE A 6-INCH LINESTOP IN MAIN ON WINTERLOCHEN ROAD.

2. CONNECT NEW MAIN TO EXISTING MAINS AS SHOWN ON SHEET UC-8.

3. RECONNECT ANY RELOCATED WATER METERS TO EXISTING SERVICE LINES.

WL-7

1. CLOSE THE INSERT VALVES THAT WILL BE INSTALLED AT APPROXIMATE STATIONS 48+55 AND 51+28. CLOSE EXISTING 12-IN VALVE NO. EV8 (ON SHEET UC-8), LOCATED IN THE 20' SEWER EASEMENT SOUTH OF THE DENNY'S.

2. CONNECT NEW MAIN TO EXISTING MAINS AS SHOWN ON SHEET UC-8.

WL-8 (NOT REPRESENTED ON PROFILE SHEET)

1. CLOSE EXISTING 6-IN VALVE NO. EV7 ON WL-8. CLOSE EXISTING 6-IN VALVE NO. EV9 (ON SHEET UC-8), LOCATED JUST SOUTH OF DISCOUNT TIRE.

2. CONNECT NEW MAIN TO EXISTING MAIN AS SHOWN ON SHEET UC-8.

WL-8A (NOT REPRESENTED ON PROFILE SHEET)

1. CLOSE EXISTING 10-IN VALVE NO. EV12 (ON SHEET UC-8) LOCATED JUST NORTH OF ENTRANCE TO THE SHOPPES AT GARNER IN THE OUTBOUND LANE. INSERT 10-IN LINESTOP NORTH OF CONNECTION POINT AS SHOWN ON PLANS.

2. CONNECT NEW MAIN TO EXISTING MAIN AS SHOWN ON SHEET UC-8.

WL-9 (NOT REPRESENTED ON PROFILE SHEET)

1. CLOSE THE INSERT VALVES THAT WILL BE INSTALLED AT APPROXIMATE STATIONS 48+55 AND 51+28.

2. CONNECT NEW MAIN TO EXISTING MAIN AS SHOWN ON SHEET UC-8.

WL-10

1. ENSURE EXISTING 12-IN MAIN LINE VALVE IS CLOSED AND REMOVE BLOWOFF. BEGIN INSTALLING NEW WATER MAIN.

2. AFTER INSTALLATION, FLUSH, TEST, CHLORINATE, AND SAMPLE WATER MAIN AS REQUIRED.

3. AFTER THE WATER MAIN HAS BEEN APPROVED TO PLACE INTO OPERATION, OPEN THE EXISTING 12-IN MAIN LINE VALVE.

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