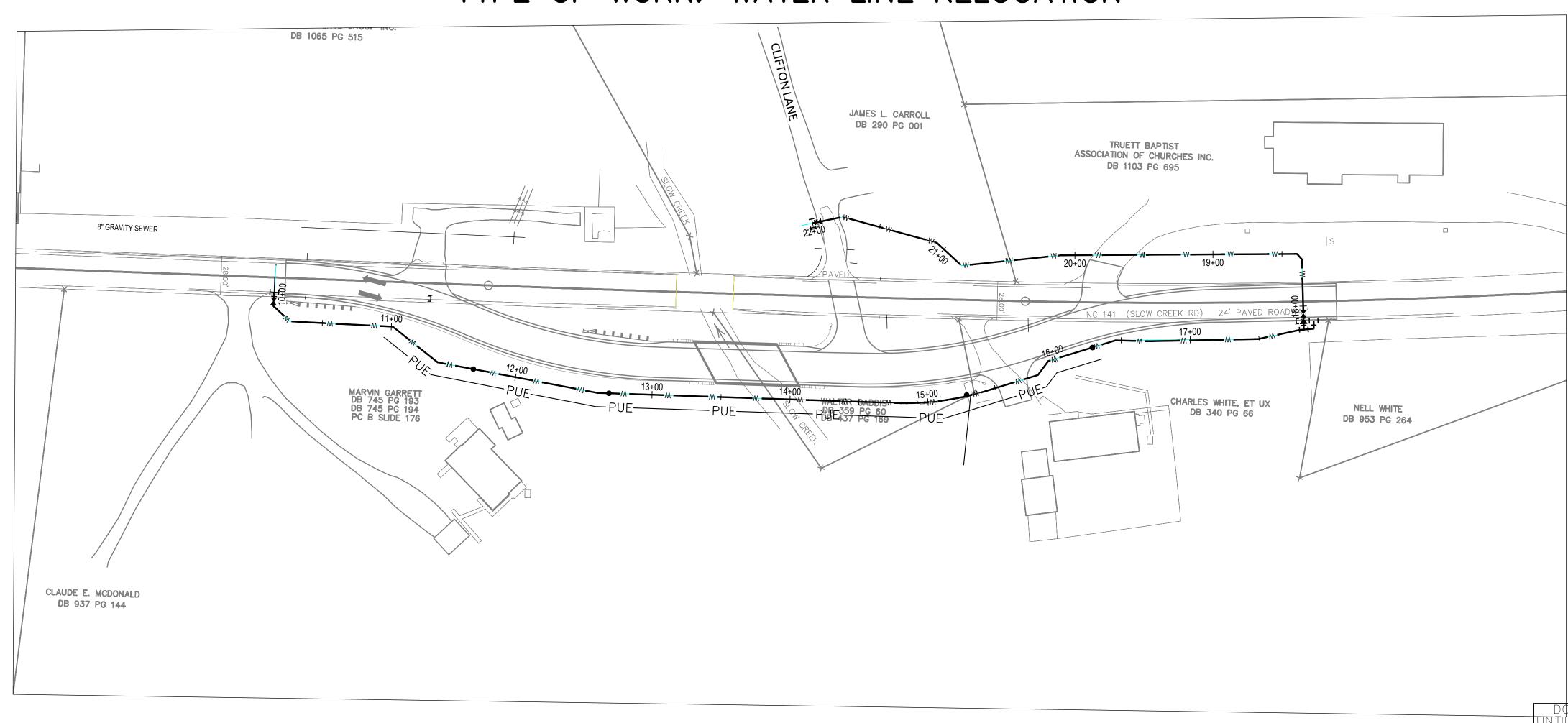
PROJECT LOCATION

BR-0011

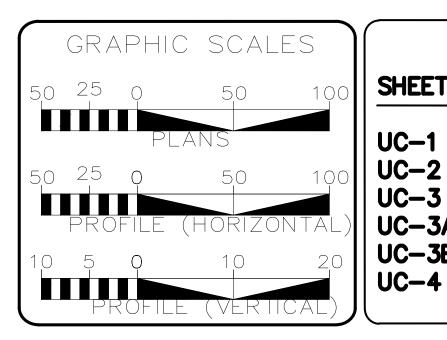
CHEROKEE COUNTY

LOCATION: NC 141 BETWEEN SR 1535 (UPPER PEACHTREE RD) AND WHITE MOUNTAIN ROAD

TYPE OF WORK: WATER LINE RELOCATION



DOCUMENT NOT CONSIDERED FINAL INTIL ALL SIGNATURES ARE COMPLETED



INDEX OF SHEETS SHEET NO .: **DESCRIPTION:**

TITLE SHEET UTILITY SYMBOLOGY **NOTES** UC-3A **DETAILS** DETAILS (CONT)
UTILITY CONSTRUCTION SHEETS UC-3B

WATER AND SEWER OWNERS ON PROJECT

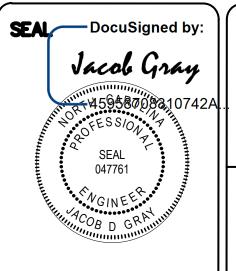
(A) WATER - TOWN OF MURPHY

PREPARED IN THE OFFICE OF





JACOB GRAY, PE CONSULTANT CONTACT #1 RANDY HINTZ, PE CONSULTANT CONTACT #2 CONSULTANT CONTACT #3





DIVISION OF HIGHWAYS UTILITIES UNIT

MICHAEL BRIGHT

REGIONAL ENGINEER JONG-TAE YOON, PE UTILITIES ENGINEER

STEVE TREXLER UTILITIES COORDINATOR

SIAIE OF NORTH CAROLINA DIVISION OF HIGHWAYS

BR-0011	UC-2
PROJECT REFERENCE NO.	SHEET NO.

DocuSigned by:

Jacob Gray

45958708310742A.

SEAL

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown) —— 111/4 Degree Bend 221/2 Degree Bend 45 Degree Bend 90 Degree Bend Gate Valve Butterfly Valve Tapping Valve Line Stop Line Stop with Bypass Blow Off Fire Hydrant Relocate Fire Hydrant REM FH Remove Fire Hydrant Water Meter Relocate Water Meter Remove Water Meter RPZ Backflow Preventer DCV Backflow Preventer Relocate RPZ Backflow Preventer Relocate DCV Backflow Preventer PROPOSED SEWER SYMBOLS Gravity Sewer Line (Sized as Shown) Force Main Sewer Line (Sized as Shown) (Sized per Note)

PROPOSED MISCELLANOUS UTILITIES SYMBOLS

Thrust Block

Telephone Pole	Air Release Valve	
Joint Use Pole	Utility Vault	
Telephone Pedestal	Concrete Pier	
Utility Line by Others (Type as Shown)	Steel Pier	
Trenchless Installation	Plan Note	
Encasement by Open Cut	Pay Item Note	NOTE
Encasement		PAY ITEM
EXISTING UT	ILITIES SYMBOLS	
Power Pole	*Underground Power Line	
Telephone Pole	*Underground Telephone Cable	
Joint Use Pole	*Underground Telephone Conduit	
Utility Pole	*Underground Fiber Optics Telephone Cable ——	
Utility Pole with Base	*Underground TV Cable	
H−Frame Pole····································	*Underground Fiber Optics TV Cable	
Power Transmission Line Tower	*Underground Gas Pipeline	
Water Manhole · · · · · · · · · · · · · · · · · · ·	Aboveground Gas Pipeline	A/G Gas
Power Manhole	*Underground Water Line	
Telephone Manhole	Aboveground Water Line	A/G Water
Sanitary Sewer Manhole	*Underground Gravity Sanitary Sewer Line ———	
Hand Hole for Cable	Aboveground Gravity Sanitary Sewer Line	A/G Sanitary Sewer
Power Transformer	*Underground SS Forced Main Line	
Telephone Pedestal	Underground Unknown Utility Line	
CATV Pedestal · · · · · · · · · · · · · · · · · · ·	SUE Test Hole	
Gas Valve	Water Meter	
Gas Meter	Water Valve	
Located Miscellaneous Utility Object	Fire Hydrant	
Abandoned According to Utility Records · AATUR	Sanitary Sewer Cleanout	
End of Information		

*For Existing Utilities

Utility Line Drawn from Record
(Type as Shown)

Designated Utility Line
(Type as Shown)

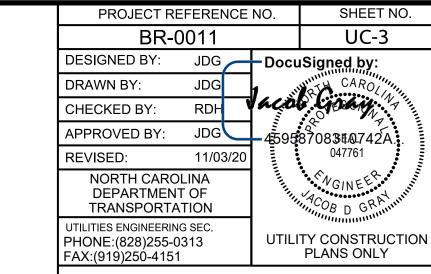
Relocation\CAD\SHEETS-08190939.dwg- Tuesday, November 10, 2020 9::

UTILITY CONSTRUCTION

GENERAL NOTES:

- 1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2012.
- 2. THE EXISTING UTILITIES BELONG TO THE TOWN OF MURPHY.
- 3. ALL WATER LINES TO BE INSTALLED
 WITHIN COMPLIANCE OF THE RULES AND
 REGULATIONS OF THE NORTH CAROLINA
 DEPARTMENT OF ENVIRONMENTAL QUALITY,
 DIVISION OF WATER RESOURCES,
 PUBLIC WATER SUPPLY SECTION. ALL SEWER
 LINES TO BE INSTALLED WITHIN COMPLIANCE
 OF THE RULES AND REGULATIONS OF THE
 NORTH CAROLINA DEPARTMENT OF
 ENVIRONMENT QUALITY, DIVISION OF WATER
 RESOURCES, WATER QUALITY SECTION.
 PERFORM ALL WORK IN ACCORDANCE WITH THE
 APPLICABLE PLUMBING CODES.
- 4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.
- 5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPORTUNITY FOR INSPECTION OF CONSTRUCTION AND TESTING.

- 6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE, AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.
- 8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNE R'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.
- 9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, "SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

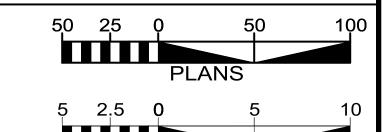


UTILITY CONSTRUCTION

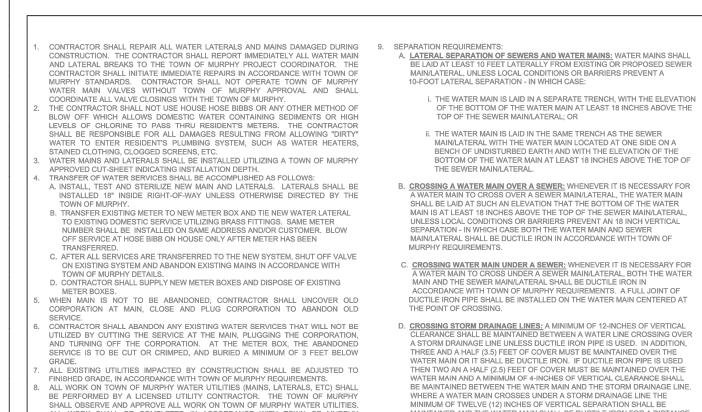


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PROFILE (VERTICAL)



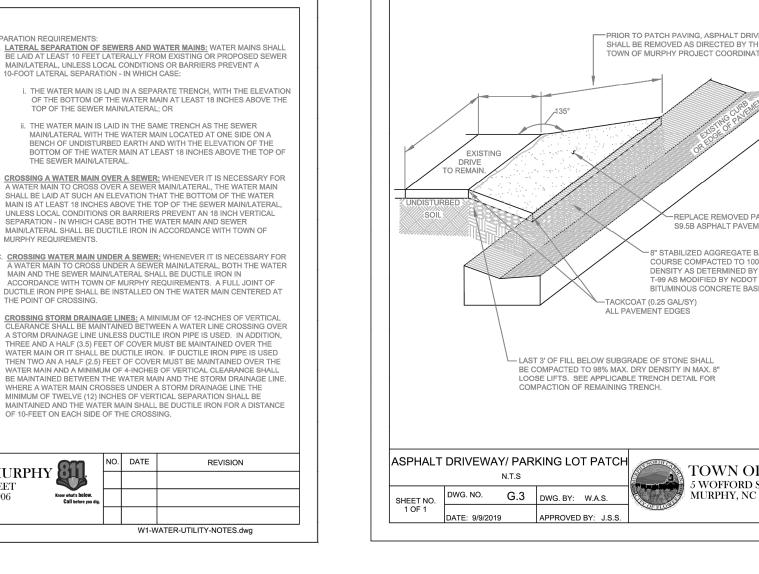
ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH TOWN OF MURPHY

APPROVED BY: J.S.S.

WATER UTILITY NOTES

DATE: 9/9/2019

DWG. NO. W.1 DWG. BY: W.A.S.



D. WATER OUTAGES: THE CONTRACTOR SHALL SCHEDULE A COORDINATION MEETING
WITH THE TOWN OF MURPHY PROJECT COORDINATOR AND PROJECT ENGINEER A
MINIMUM OF THREE (3) WORKING DAYS PRIOR TO ANY PLANNED WATER OUTAGE.
THE COORDINATION MEETING SHALL BE CONDUCTED PRIOR TO ANY NOTICES
BEING ISSUED. ADDITIONALLY, THE CONTRACTOR SHALL LOCATE (VERTICALLY AND HORIZONTALLY) ANY UTILITIES WITHIN THE WORK AREA. IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS. THE LOCATIONS OF ALL UTILITIES WITHIN THE WORK AREA SHALL BE DETERMINED PRIOR TO THE COORDINATION MEETING. ANY CONFLICTS WITH THE PENDING WORK AND THE EXISTING UTILITIES SHALL BE IDENTIFIED AND A PLAN FOR RESOLVING ANY CONFLICTS SHALL BE PRESENTED. THE PURPOSE OF THIS COORDINATION MEETING IS TO ENSURE THAT THE CONTRACTOR HAS A GOOD UNDERSTANDING OF THE REQUIREMENTS RELATED TO THE PENDING OUTAGE, VERIFY THAT THERE ARE NO UTILITY CONFLICTS THAT WILL PREVENT THE WORK FROM BEING COMPLETED, ALL EQUIPMENT IS IN GOOD 12. TOWN OF MURPHY STAFF AND REPRESENTATIVES SHALL ONLY DIRECT CONTRACTOR WORKING ORDER, ALL EQUIPMENT IS FUNCTIONAL, ALL MATERIALS ARE ON SITE, ALL NECESSARY TOOLS ARE ON SITE, DISCUSS ANY NECESSARY CONTINGENCY PLANS, AND ANY OTHER ITEMS NECESSARY TO ENSURE THAT THE TOWN OF WORK.

AS REQUIRED IN THESE STANDARD DETAILS AND TOWN OF MURPHY SPECIFICATIONS.
CONTRACTOR IS TO PROVIDE NECESSARY SUPERVISION TO PROPERLY PERFORM ALL WORK. MURPHY HAS CONFIDENCE THAT THE WORK CAN BE ACCOMPLISHED WITHIN THE GIVEN TIME PERIOD. SHOULD, FOR ANY REASON, THE TOWN OF MURPHY DEEMS THAT THE CONTRACTOR IS NOT PREPARED FOR THE PROPOSED OUTAGE, THE OUTAGE NOTIFICATIONS WILL NOT BE DISTRIBUTED AND THE OUTAGE SHALL BE POSTPONED A MINIMUM OF TWO (2) WEEKS. THE TOWN OF MURPHY WILL PROVIDE WRITTEN NOTIFICATION TO THE CONTRACTOR OF THIS DECISION. NO ADDITIONAL CONTRACT TIME WILL BE GRANTED FOR THIS DELAY.

ONCE THE WATER OUTAGE NOTIFICATIONS HAVE BEEN ISSUED, A FOLLOW-UP COORDINATION MEETING WITH THE TOWN OF MURPHY PROJECT COORDINATOR AND PROJECT ENGINEER SHALL BE HELD A MINIMUM OF 24 HOURS PRIOR TO THE SCHEDULED OUTAGE. THE PURPOSE OF THIS MEETING IS TO VERIFY THAT THE CONTRACTOR IS PREPARED TO PROCEED WITH THE OUTAGE, AND THAT ALL EQUIPMENT, MATERIALS, TOOLS, AND ALL OTHER INCIDENTALS ARE ON THE PROJECT SITE AND FUNCTIONING. IF FOR ANY REASON THE TOWN OF MURPHY DEEMS THAT THE CONTRACTOR IS NOT PREPARED, THE OUTAGE SHALL BE POSTPONED AND ALL CUSTOMERS IMMEDIATELY NOTIFIED OF THE CANCELLATION THE OUTAGE SHALL BE POSTPONED A MINIMUM OF TWO (2) WEEKS.

THE CONTRACTOR SHALL ADHERE TO ALL INSTRUCTIONS GIVEN BY THE TOWN OF

OF 10-FEET ON EACH SIDE OF THE CROSSING.

5 WOFFORD STREET

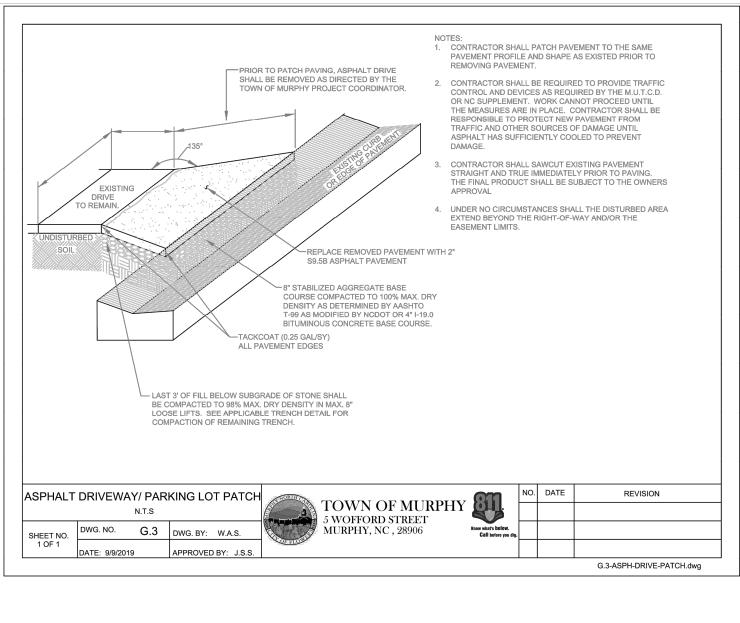
MURPHY. NC . 28906

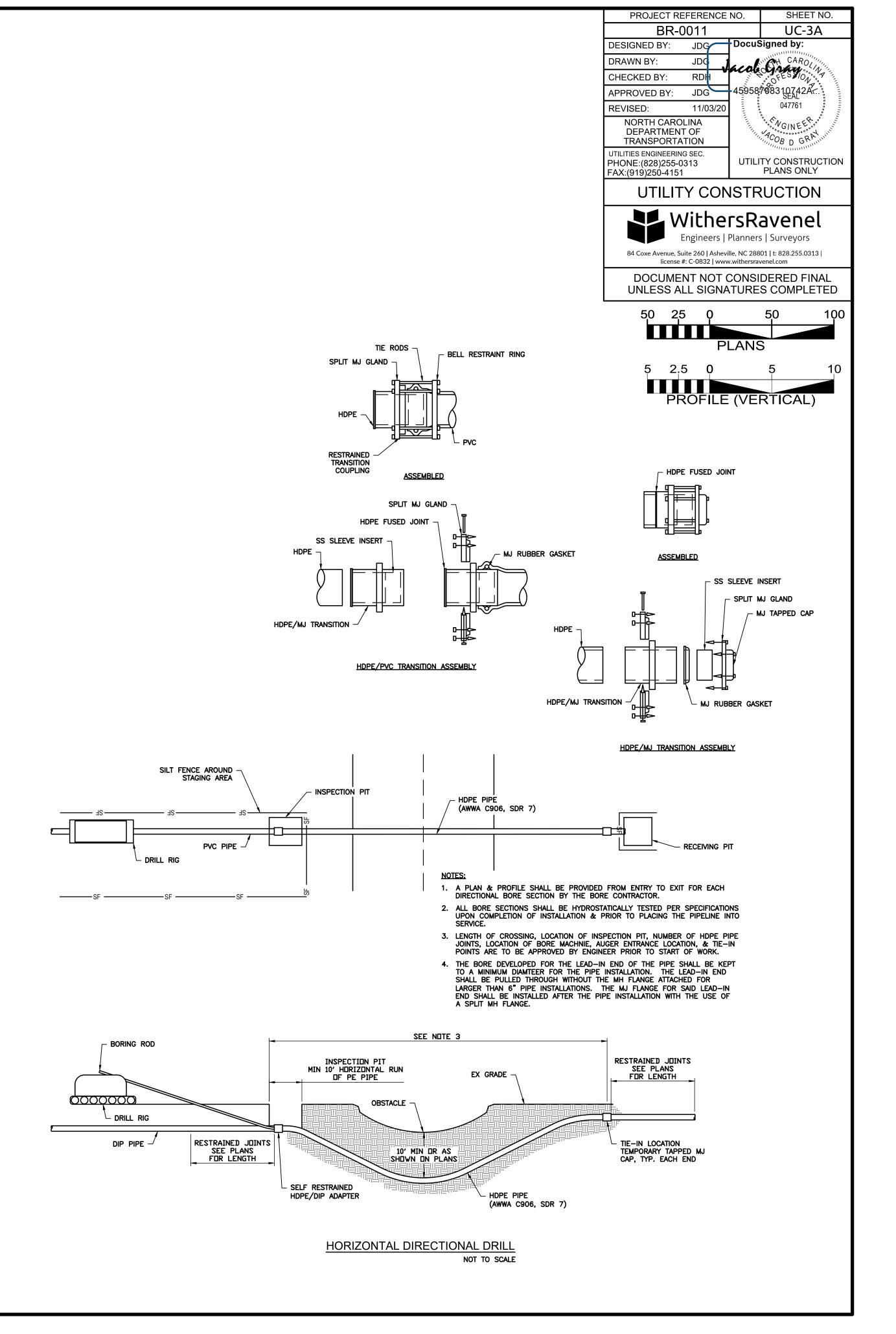
REVISION

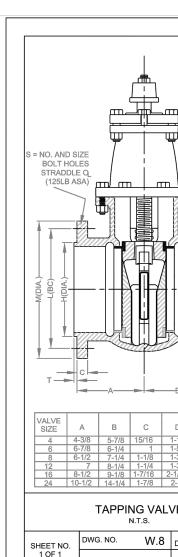
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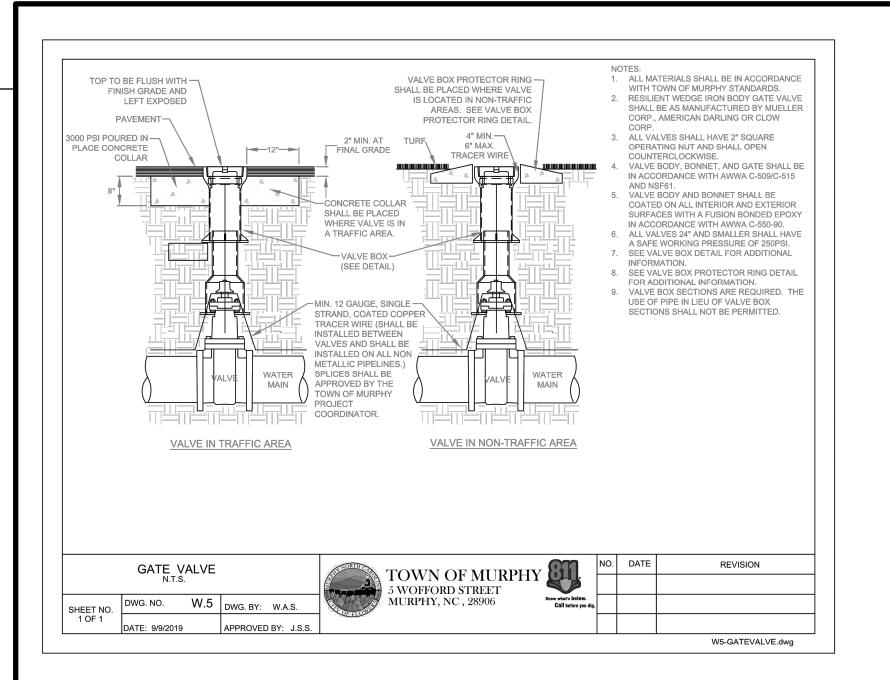
11. CONTRACTOR IS RESPONSIBLE FOR ADHERENCE TO ALL LOCAL, STATE, AND FEDERA OSHA REQUIREMENTS FOR SAFETY. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO PERFORM WORK IN ACCORDANCE WITH LATEST OSHA REQUIREMENTS AND SHALL

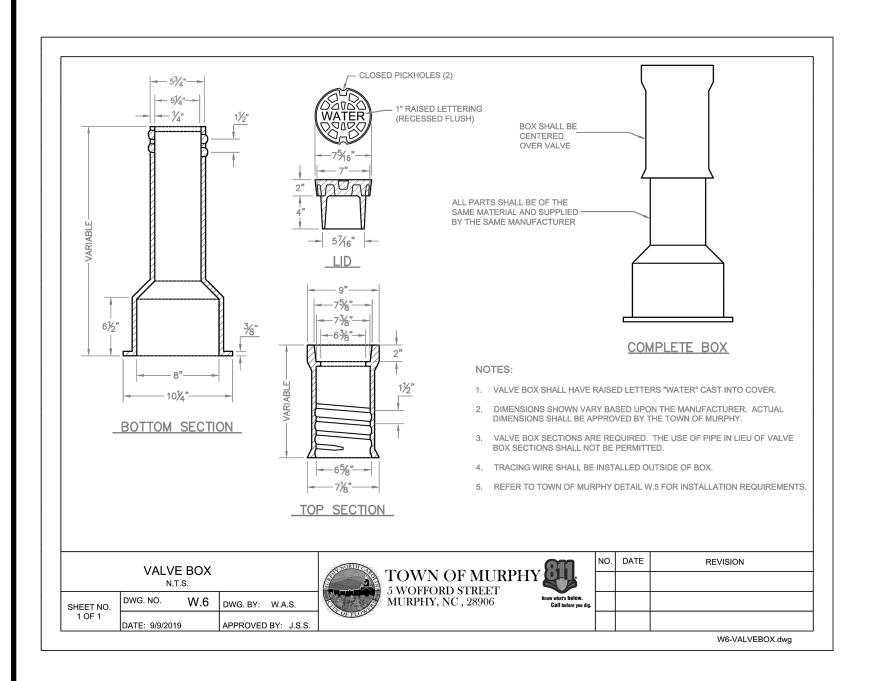
REVISION WATER UTILITY NOTES MURPHY, NC , 28906 DWG. NO. W.1 DWG. BY: W.A.S. DATE: 9/9/2019 APPROVED BY: J.S.S. W1-WATER-UTILITY-NOTES.dwg

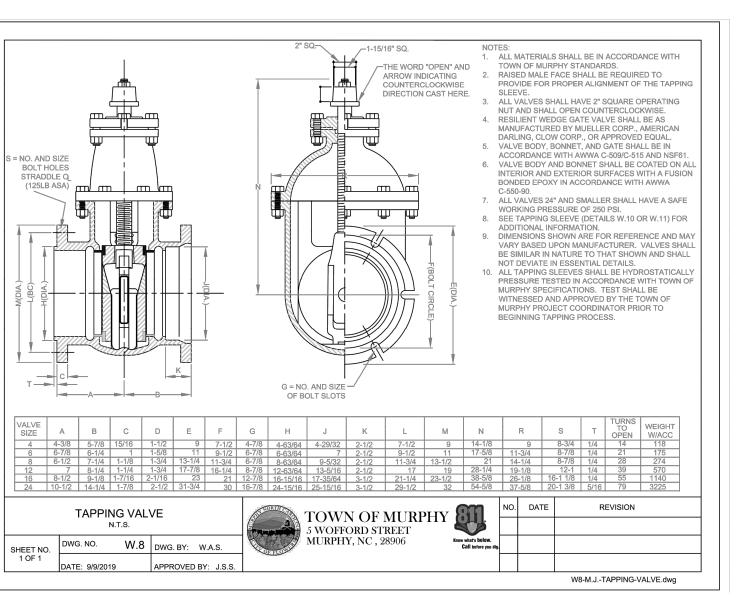


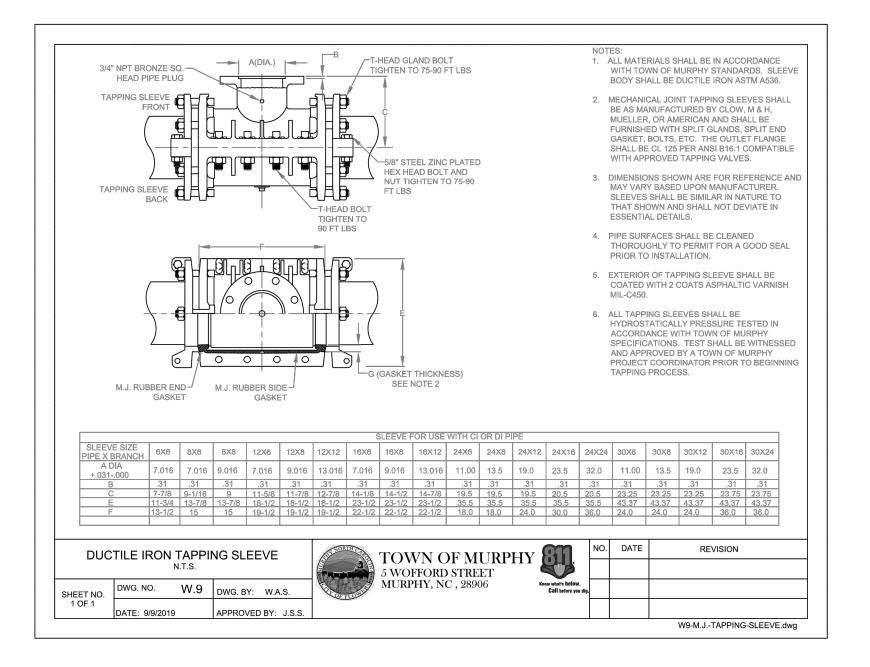


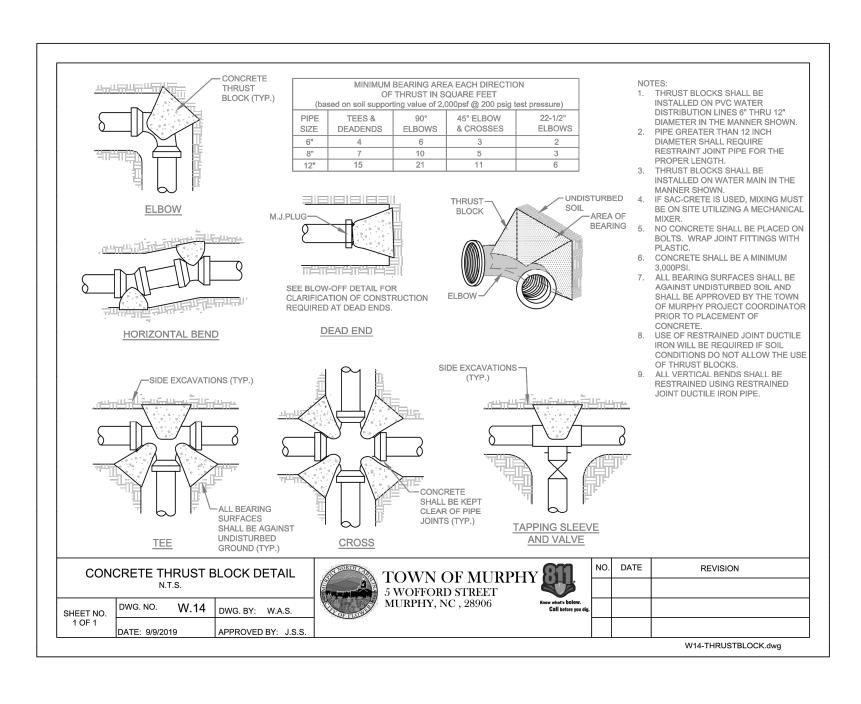


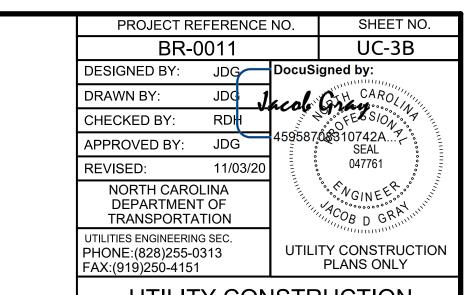










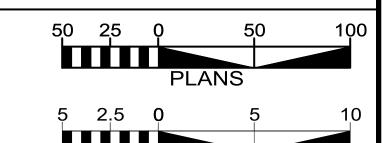






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PROFILE (VERTICAL)

REVISIONS