

. ALL PIPE AND FITTINGS SHALL BE APPROVED BY FAYPWC.

AND FLUSHED PRIOR TO PLACING INTO SERVICE.

RESTRAINT RETAINING GLANDS.

5. ALL PIPES TO BE DUCTILE IRON.

EX. WATER

LONG PATTERN MJ SLEEVE (12" MIN.),

TRANSITION COUPLING (12" MIN ) ON

PIPE REPAIR DETAIL

N.T.S.

DWG. NO.: W.31 DWG. BY: FAYPWC

DATE: JAN. 01, 2021 APPROVED BY: J.E.G.

MJRESTRAINT RETAINING GLANDS

RESTRAINTS WITH IRON

ASBESTOS-CEMENT PIPE

COORDINATOR.

2. CONTRACTOR TO COORDINATE NECESSARY OUTAGES WITH

3. NEW WATER MAIN TO BE SWABBED WITH A CHLORINE SOLUTION

4. ALL NEW FITTINGS AND PIPE TO BE RESTRAINED UTILIZING IRON MJ

FAYPWC PROJECT COORDINATOR TO BE PRESENT DURING WORK

. BACKFILL AND COMPACT IN ACCORDANCE WITH THE APPLICABLE

AGENCY REQUIREMENTS.

8. PROVIDE STONE BEDDING (NO. 5 OR NO. 57 STONE) TO SUPPORT

FAYPWC AND AFFECTED CUSTOMERS. MINIMUM 48 HOUR NOTICE

. MJ RESTRAINTS ARE NOT ALLOWED ON PVC PIPE.

ALIGNMENT ARE NOT ACCEPTABLE.

OTHERWISE DIRECTED BY FAYPWO

- MIN. 5' DI PIPE OR AS DIRECTED BY FAYPWO

PIPE TO REMAIN.

FAYETTEVILLE

FAYETTEVILLE, N.C.

PUBLIC WORKS COMMISSION

WATER RESOURCES

ENGINEERING DEPARTMENT

DIMENSIONS ARE GIVEN AS GENERAL GUIDANCE, EXACT

DIMENSIONS ARE SUBJECT TO CHANGE BASED ON FIELD

CONDITIONS AND AS DIRECTED BY FAYPWC.

1. ALL MATERIALS OF CONSTRUCTION SHALL BE IN ACCORDANCE

ALIGNMENT. DEFLECTIONS OF HORIZONTAL AND VERTICAL

3. THERE SHALL BE NO MORE THAN 1/4" SPACE BETWEEN THE EXISTING WATER MAIN AND THE REPLACEMENT PIPE AT EACH END.

14. DAMAGED SECTION SHALL BE CUT OUT WITHOUT DAMAGING THE

15. PIPE REPAIRS ON MATERIALS OTHER THAN SHOWN, SHALL BE AS

EX. WATER

ASBESTOS-CEMENT PIPE

NO. DATE

LONG PATTERN MJ SLEEVE (12" MIN.),

RESTRAINTS WITH IRON
MJRESTRAINT RETAINING GLANDS

TRANSITION COUPLING (12" MIN.) ON

VALVE

"CUTTING-IN

SLEEVE" (TYP.)

REVISION

M15-VAL-REMOVAL.dwg

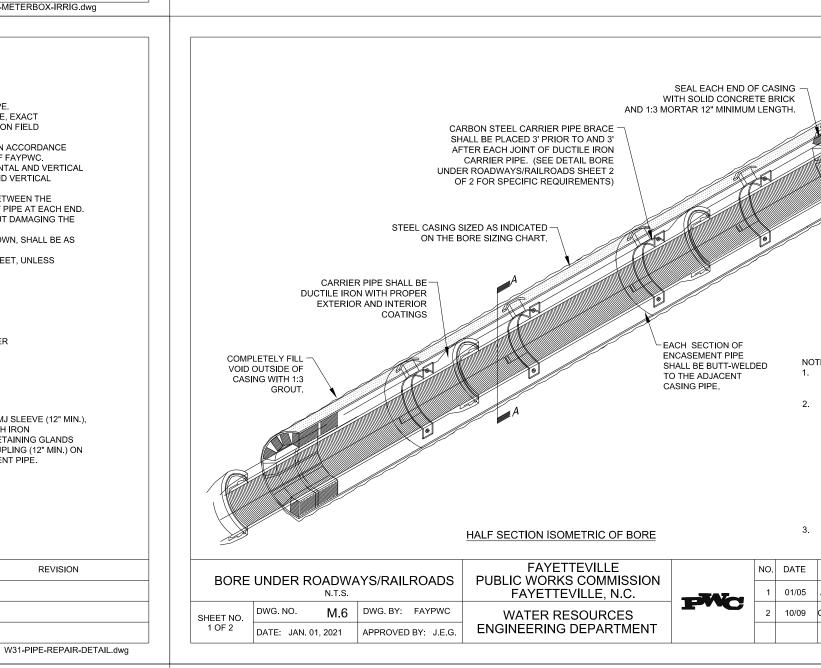
REVISION

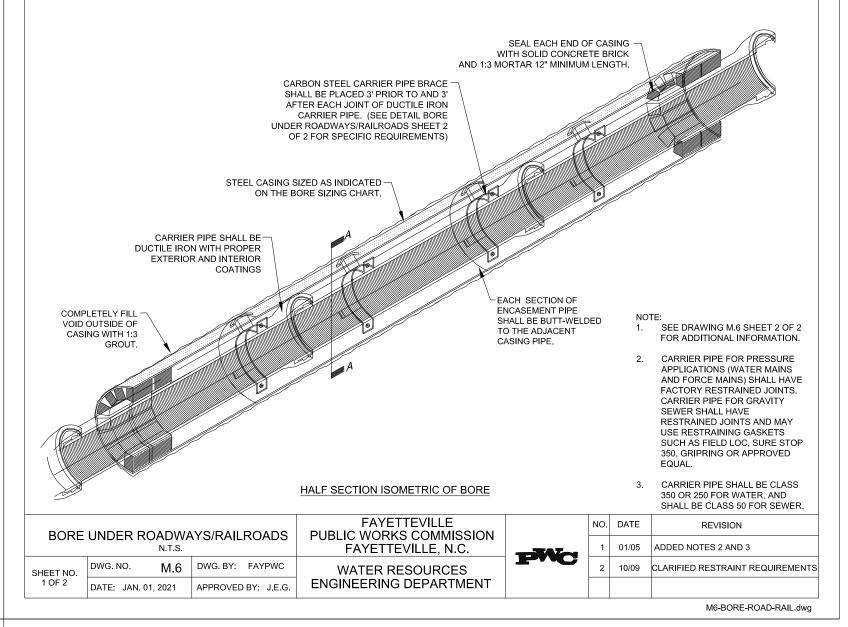
DIRECTED BY FAYPWC.

16. THE MINIMUM LENGTH OF REPAIR SHALL BE 5 FEET, UNLESS

WITH THE STANDARDS AND SPECIFICATIONS OF FAYPWC.

12. PIPE REPAIR SHALL EXHIBIT STRAIGHT HORIZONTAL AND VERTICAL





PROJECT REFERENCE NO.

AMH/AB

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL

UNTIL ALL SIGNATURES ARE COMPLETED

PHONE: (919)707-6690 UTILITY CONSTRUCTION

U-4405

DESIGNED BY: AMH

CHECKED BY: AMH

APPROVED BY: BRO

NORTH CAROLINA DEPARTMENT OF

TRANSPORTATION

UTILITIES ENGINEERING SEC

FAX: (919)250-4151

DRAWN BY:

REVISED:

SHEET NO.

UC-03H

PLANS ONLY

