

ZEX. WATER

PUBLIC WORKS COMMISSION

FAYETTEVILLE, N.C.

WATER RESOURCES

**ENGINEERING DEPARTMENT** 

DI PIPE, LENGTH

MJ DI 45° BENDS,

**GRIP-RINGS OR** 

UTILIZING MEGA-LUGS,

RESTRAINED

APPROVED

EQUAL (TYP)

**REVISION** 

2015-W26 PIPE RELOCATION DETAIL.dwg

HORIZONTAL RELOCATION

RELOCATION

01/12 REVISED NOTES, ADDED HORIZ.

AS REQUIRED

PWC

FULL BODY MJ SLEEVE (12" min.),

TRANSITION COUPLING (12" min.)

ON ASBESTOS-CEMENT PIPE.

RESTRAINTS w/MEGA-LUGS,

**GRIP-RINGS OR APPROVED** 

**EQUAL. USE APPROVED** 

18" MIN. VERT.

**FULL JOINT OF DI** 

PIPE, CENTERED

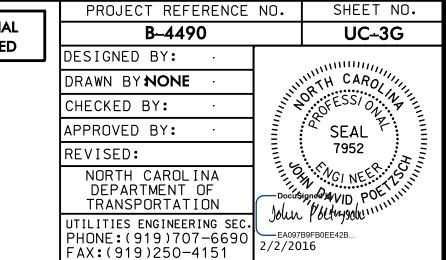
**UNDER CONFLICT** 

VERTICAL RELOCATION

PIPE RELOCATION DETAIL

DWG. NO.: W.26 | DWG. BY: FAYPWC

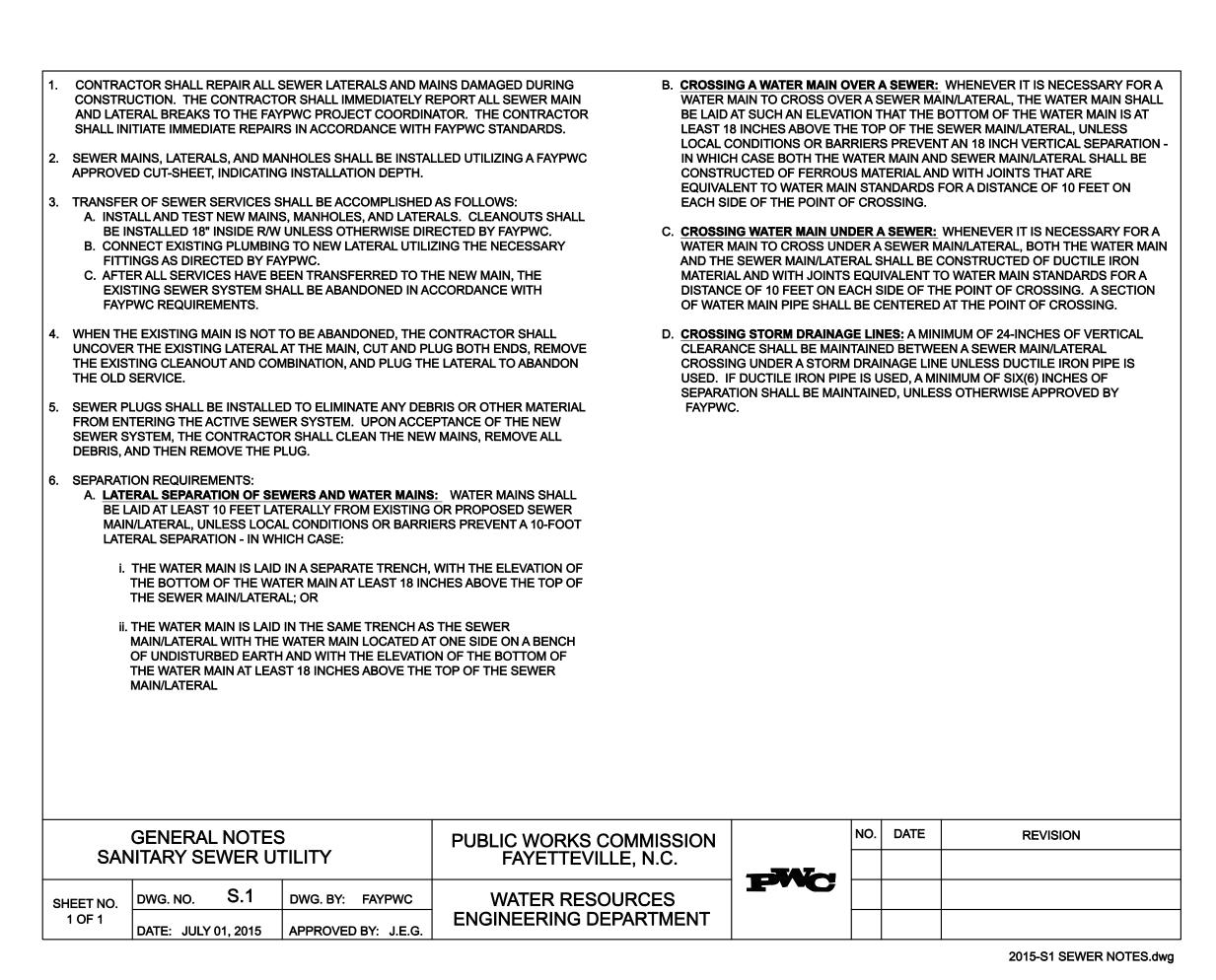
DATE: JULY 01, 2015 | APPROVED BY: J.E.G.



UTILITY CONSTRUCTION

NOTES: 1. ALL MATERIALS TO BE APPROVED BY 2. SERVICE LATERAL SIZE 1" TYPE K SOFT COPPER UNLESS OTHERWISE . SERVICE LATERAL INSTALLATION SHALL BE APPROVED BY FAYPWC. I. WATER SERVICE LOCK VALVE TO BE **LOCATED 18" FROM SANITARY SEWER CLEAN OUT STACK WHEN INSTALLED** 5. WHEN INSTALLED IN A PAVED AREA, METER BOX TO BE SET 1/4" ABOVE FINISHED PAVEMENT GRADES AND PAVEMENT FEATHERED TO TOP OF BOX TO PROVIDE DRAIN AWAY FROM BOX 6. C.I. METER BOXES SHALL BE USED IN TRAFFIC AREAS SEE W.4B. 7. PERIMETER SOLID CONCRETE BRICK BASE WITH NO GAPS, DO NOT LAY BRICK ON PIPE. SEE INSET "A" 8. WHERE ASPHALT CURB OR STRIP PAVEMENT EXIST, THE LOCATION OF BOX SHALL BE AS DIRECTED BY FAYPWC REPRESENTATIVE. 9. DISTANCE FROM TOP OF LOCK VALVE **OPERATING STEM TO TOP OF BOX** SHALL BE 8" MIN. TO 10" MAX. 10. RESIDENTIAL METER BOX SHALL BE SET 18" FROM R/W TO CENTERLINE OF METER BOX PERPENDICULAR TO THE R/W. AS NECESSARY 11. COMMERCIAL METER BOX LOCATION SHALL BE AS APPROVED (PREFER NO METER BE INSTALLED LESS THAN 5' FROM BLDG. TO EDGE 12. LATERAL SHALL BE CENTERED ON MJ DI 45° BENDS, RESTRAINED LOT UNLESS OTHERWISE NOTED. UTILIZING MEGA-LUGS, 13. LATERAL SHALL NOT BE BACK **GRIP-RINGS OR APPROVED** FILLED UNTIL INSPECTED BY EQUAL (TYP) FAYPWC PROJECT COORDINATOR. 14. WATER MAIN AND LATERAL SHALL PASS HYDROSTATIC, LEAKAGE AND STERILIZATION TESTS (200 PSI). 15. SHOULD IT BE NECESSARY TO CRIMP THE WATER SERVICE LATERAL, A FULL CIRCLE REPAIR CLAMP SHALL BE PLACED ON THE REVISION 2 | SEPT 05 | VALVE CHANGE, ADD NOTE 16. SHEET NO. 3 JULY 06 RESIZED METER COUPLING

2015-W24 COPPER SERVICE LATERAL.dwg



METER BOX SET 1/4" ABOVE

-12" METER COUPLING WITH

SWIVEL NUT x 3/4" MIPT.

IRRIGATION SERVICE)

1" x 7-1/2" SPACER FOR

1" x 10-3/4" SPACER FOR

FURNISHED BY FAYPWC

BRICK METER BOX BASE

SPACER SHALL BE

CENTERED IN

PLAN METER BOX

IRRIGATION SERVICE,

SPACER SHALL BE

SEE INSET "A"

EQ

PUBLIC WORKS COMMISSION

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FAYETTEVILLE, N.C.

DOMESTIC SERVICE,

(NOTE: USE 1" FOR

3/4" FEMALE THREAD METER

SPECIFIED.

IN SAME DITCH.

OF BOX).

CRIMPED AREA.

MAY 05 VALVE CHANGE

NO. DATE

GRADE

EQ.

**VARIES** 

FINISHED GRADE

STRAP SADDLE LOCK

BALL CORPORATION STOF

WITH AWWA INLETS, ONE

OR TWO STEP STYLE

COMPRESSION FOR 1

TYPE K SOFT COPPER.

**BACK FILL** 

SHEET NO.

METER BOX-

**BRICK METER BOX BASE** 

1" COPPER WATER SERVICE

DWG. NO. W.24

DATE: JULY 01, 2015

INSET "A"

**SECTION "A-A"** 

CONC. CURB & GUTTER

1" FULL PORT ANGLE BALL VALVE

WITH ONE OR TWO STEP STYLE

SOFT COPPER INLET AND FEMALE

1" TYPE K SOFT COPPER-

- 2" SOLID BRICK METER BOX BASE

COMPRESSION FOR 1" TYPE K

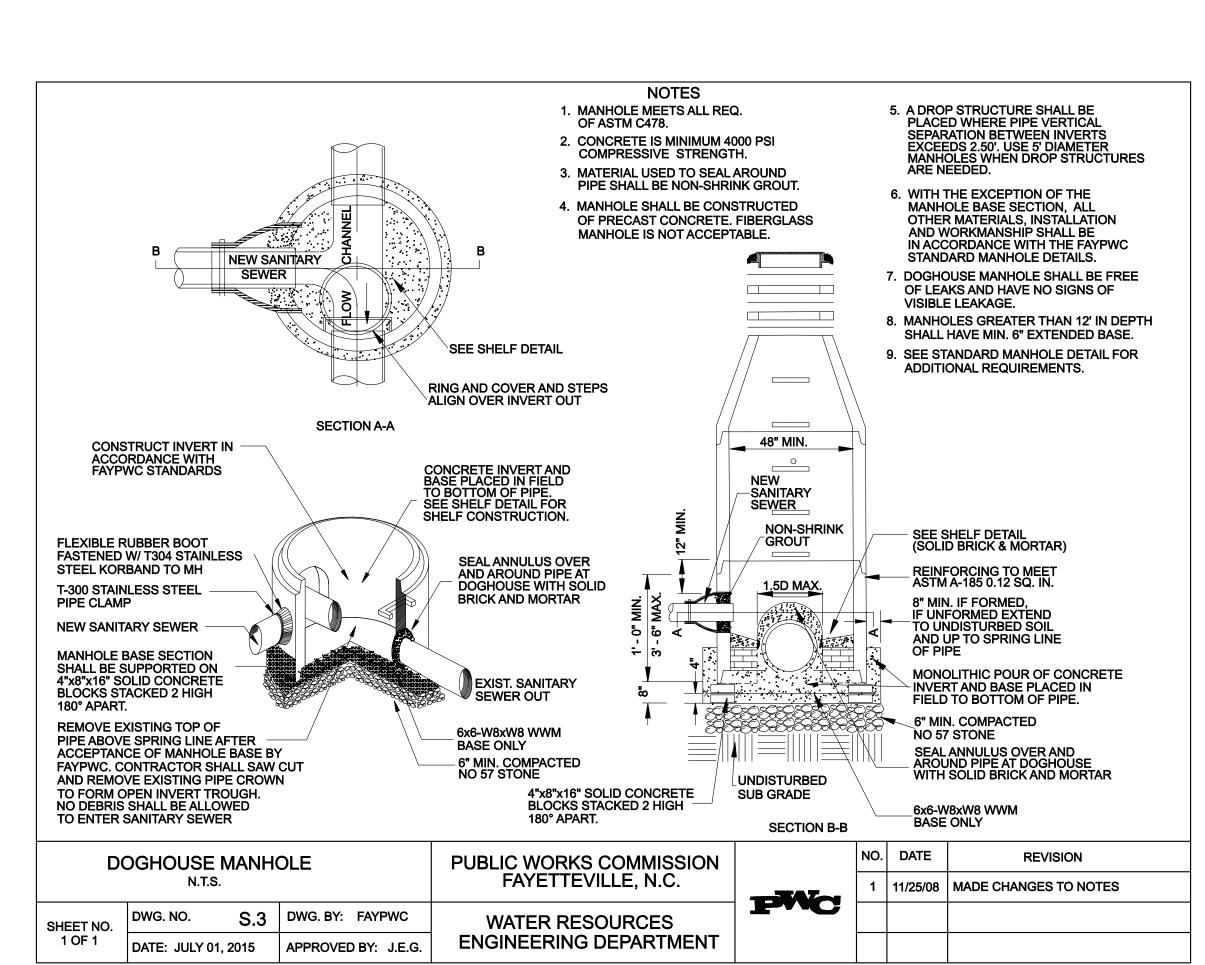
STAINLESS STEEL METER THREAD SWIVEL NUT WITH

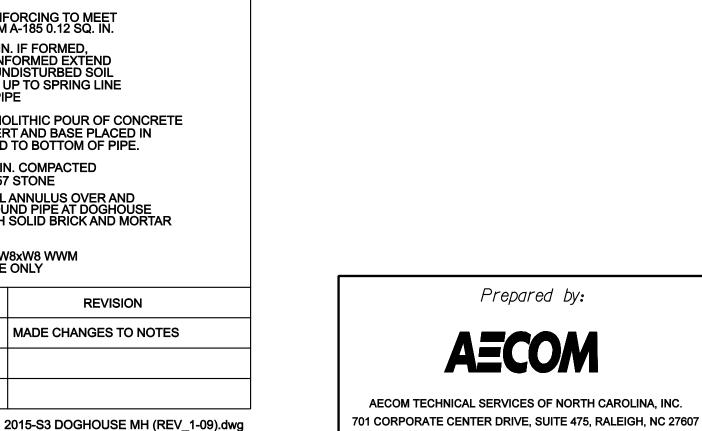
воттом

OF BOX

DWG. BY: FAYPWC

APPROVED BY: J.E.G.





919-854-6200 919-854-6259 (fax) F - 0342