

-DUCTILE IRON TAPPED TEE

ACTION RÉTAINER GLANDS

NOTES:

1. TAP SIZE AND ISOLATION VALVE TO BE SAME SIZE AS AIR VALVE.

2. ALL PIPING AND FITTINGS, IN THE MANHOLE, SHALL BE NO LEAD BRASS OR BRONZE UNLESS OTHERWISE NOTED.

3. ARV MANHOLE SHALL BE PROVIDED WITHOUT STEPS.

4. CONCENTRIC CONES MAY BE USED FOR AIR VALVE MANHOLES LESS THAN 5 FEET IN DEPTH.

5. INSIDE OF MANHOLE TO BE PAINTED PANTONE 522 PURPLE WITH THE WORDS,

"CAUTION RECLAIMED WATER DO NOT DRINK", STENCILED ON TWO SIDES.

6. RESILIENT CONNECTORS OR BOOTS MEETING ASTM C923 SHALL BE USED AT THE MANHOLE AND PIPE INTERFACE.

7. MANHOLES DEEPER THAN 12 FEET REQUIRE AN EXTENDED BASE.

STANDARD 2" COMBINATION AIR VALVE MANHOLE

FOR RECLAIMED WATER

CAUTION RECLAIMED WATER

FITTING W/ RESTRAINED WEDGE

1/4" RAISED LETTERING

COVER TOP VIEW

RING TOP VIEW

TOWN OF PITTSBORC

STANDARD CONSTRUCTION

DETAIL

STANDARD NO: RW-06-011

MINIMUM WEIGHTS

COVER 120

TOTAL 300

(RECESSED FLUSH) -

(2) OPEN PICKHOLES

1" DIAMETER -

FILLETS @ R 1/2

RING & COVER SPECIFICATIONS:

. CLASS 35 GREY IRON. . COMPLIES WITH ASTM A48 CL35B.

MANHOLE COVER TO BE PAINTED

ALL LETTERING SHALL BE CLEAN,

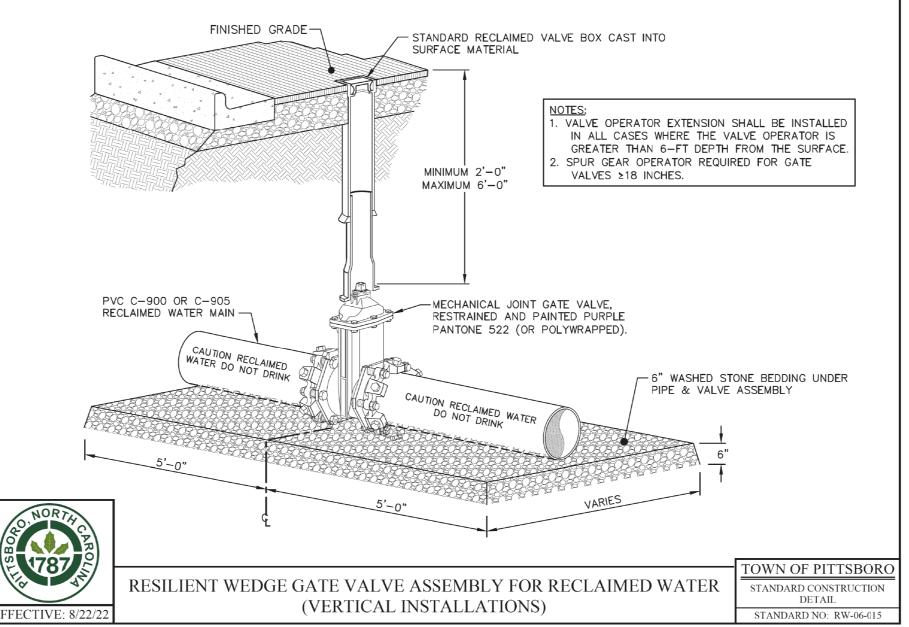
CRISP. AND CLEARLY LEGIBLE.

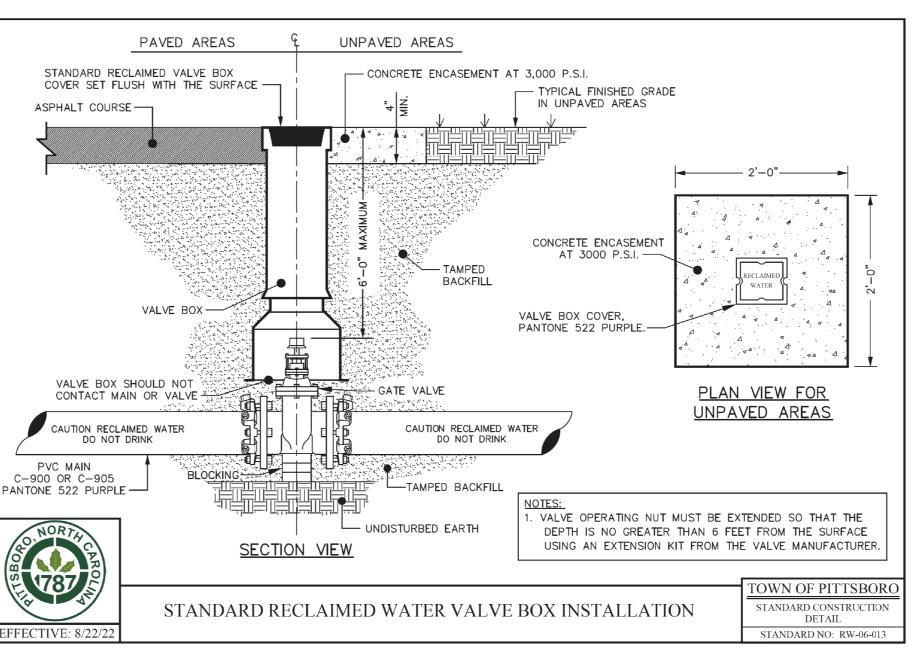
り、MINIMUM -

DOMESTICALLY MADE & MANUFACTURED IN THE USA.

FOUR 3/8" x 41/3" ANCHOR BOLTS -

PANTONE 522 PURPLE, AT MINIMUM





PROJECT REFERENCE NO. SHEET NO. R-5930A UC-3C ESIGNED BY: NLH CARO RAWN BY: JNB 300 MORRIS STREET, SUITE 200 DURHAM, NC 27701 CHECKED BY: NDR APPROVED BY: NLH REVISED: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITY CONSTRUCTION

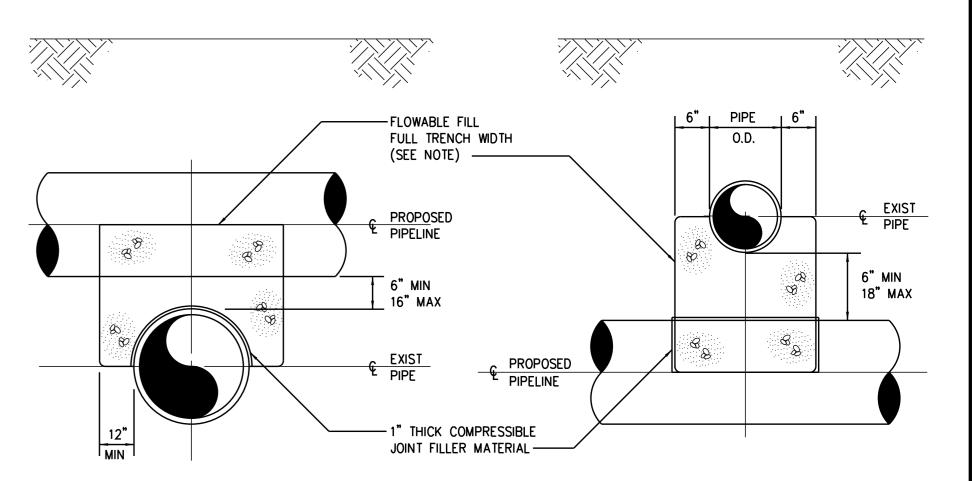
PROPOSED PIPELINE UNDER EXIST PIPE

PHONE: (919)707-6690 UTILITY CONSTRUCTION

PLANS ONLY

UTILITIES ENGINEERING SEC

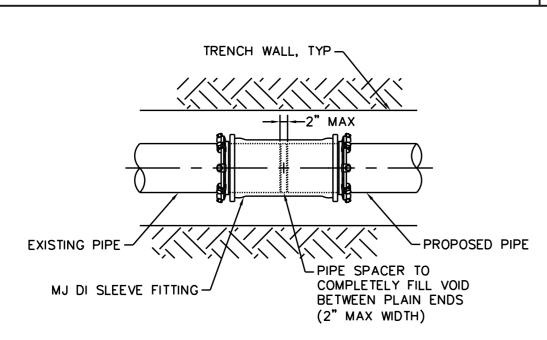
FAX: (919)250-4151



NOTE: NO ENCASEMENT REQUIRED FOR VERTICAL SEPARATION GREATER THAN 18"

1 PROPOSED PIPELINE OVER/UNDER EXIST PIPE
UC-3C SCALE: N.T.S.

PROPOSED PIPELINE OVER EXIST PIPE



NOTES

STANDARD MANHOLE RING AND COVER LABELED

CAUTION

RECLAIMED WATER

DO NOT DRINK

STEEL BALL

VALVE

€12" No. 57 STONE

"RECLAIMED WATER DO NOT DRINK"-

BRASS COLLAR—

NO LEAD

CORPORATION

ECCENTRIC CONE SECTION -

COMBINATION AIR VALVE SIZED FOR THE PROPOSED USE

CAUTION RECLAIMED WATER

PRECAST MANHOLE

PVC RECLAIMED

WATER MAIN

PANTONE 522

EFFECTIVE: 8/22/2

SECTION —

- SLEEVES SHALL BE DUCTILE IRON MECHANICAL JOINT (DI MJ)
 OF THE SAME OR HIGHER PRESSURE RATING AS THE HOST PIPE.
- 2. RESTRAINT GLANDS SHALL BE DESIGNED FOR THE INTENDED USE AND SHALL CONSIST OF MULTIPLE GRIPPING WEDGES INCORPORATED INTO A FOLLOWER GLAND AND BOLT-ACTUATED BY TORQUE-LIMITING TWIST OFF NUTS.

2 RESTRAINED MJ SOLID SLEEVE
UC-3C SCALE: N.T.S.