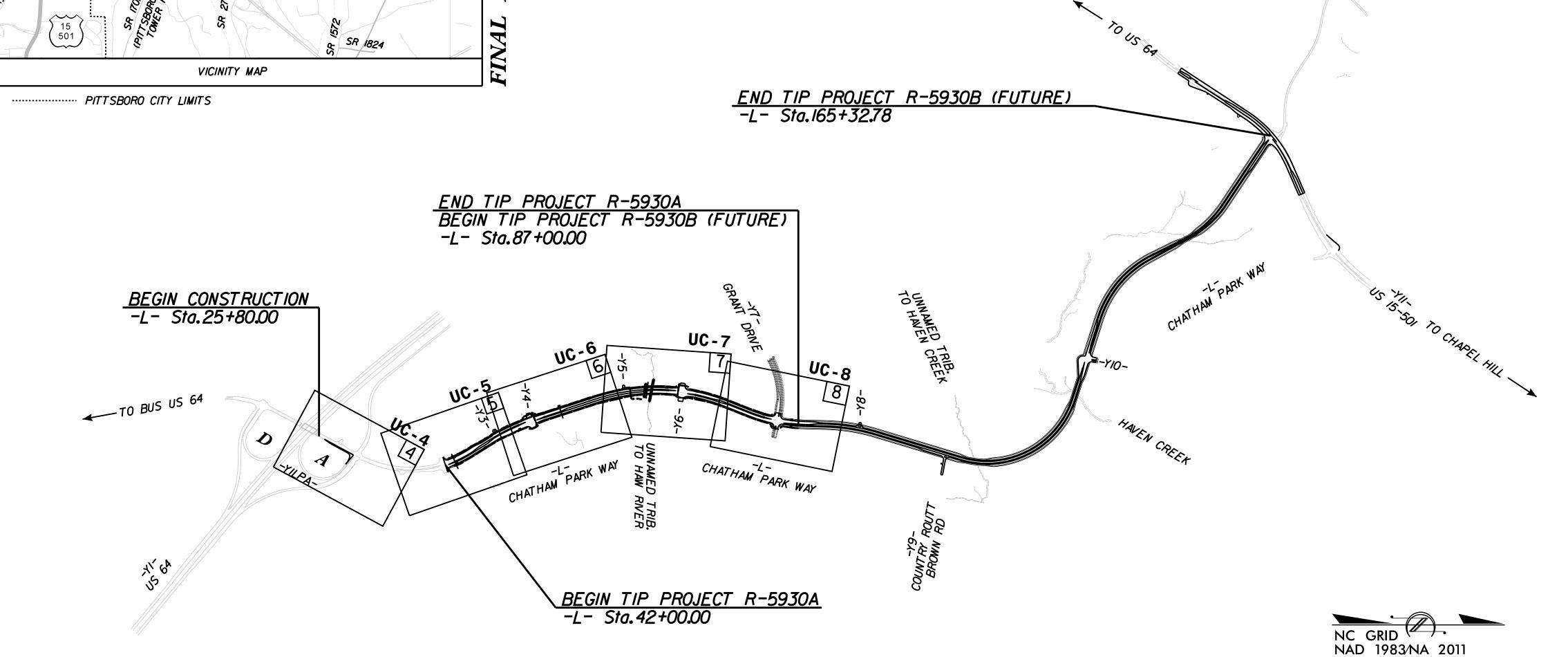
(RUSSEL CHAPEL CHURCH RD) BYP (

STATE OF NORTH CAROLINA

T.I.P. NO. SHEET NO R-5930A UC-1

UTILITY CONSTRUCTION PLANS CHATHAM COUNTY

LOCATION: CHATHAM PARK WAY IN PITTSBORO FROM US 64 TO GRANT DRIVE TYPE OF WORK: POTABLE WATERLINE, RECLAIMED WATERLINE, AND SANITARY SEWER FORCE MAIN CONSTRUCTION



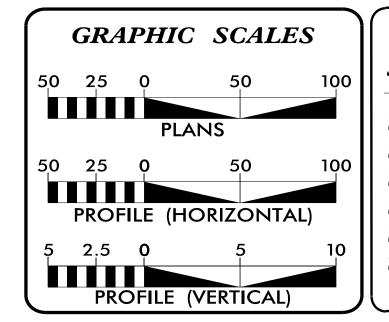
THIS IS A LIMITED CONTROLLED ACCESS PROJECT WITH ACCESS LIMITED TO POINTS AS SHOWN ON THE PLANS THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES

R-5930B (FUTURE)

END PROJECT

BEGIN PROJECT

DOCUMENT NOT CONSIDERED FINAL UNTIL ALL SIGNATURES ARE COMPLETED



INDEX OF SHEETS SHEET NO.:

DESCRIPTION:

TITLE SHEET UTILITY SYMBOLOGY

UC-4 THRU UC-8 UC-9 THRU UC-13

UTILTY NOTES UC-3A THRU UC-3C UTILITY DETAIL SHEETS UTILITY CONSTRUCTION SHEETS UTILITY PROFILE SHEETS

WATER AND SEWER OWNERS ON PROJECT

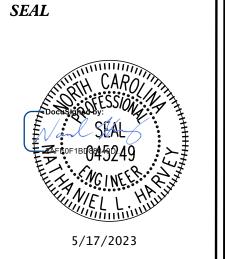
(A) POTABLE WATER, RECLAIMED WATER, FORCE MAIN SANITARY SEWER - TOWN OF PITTSBORO

PREPARED IN THE OFFICE OF





NATE HARVEY, P.E. UTILITIES DESIGN ENGINEER





DIVISION OF HIGHWAYS UTILITIES UNIT 1555 MAIL SERVICES CENTER RALEIGH NC 27699–1555 PHONE (919) 707–6690 FAX (919) 250–4151

TRAVIS MORGAN, P.E. DIVISION 8 UTILITY ENGINEER JAMIE YOW **DIVISION 8 UTILITY COORDINATOR** DocuSign Envelope ID: 91DAD408-B6FA-4ECF-A952-04B88091BA9F

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

Kimley >>> Horn
300 MORRIS STREET, SUITE 200

| PROJECT REFERENCE | NU. | SHEET NU. |
|--|-------|----------------------------|
| R-5930A | | UC-2 |
| DESIGNED BY: NLH | | William, |
| DRAWN BY: JNB | | CAROLLING |
| CHECKED BY: NDR | Docus | CAROUSESSION |
| APPROVED BY: NLH | Nas | L SAA |
| REVISED: | | 7F1BD89400249 |
| NORTH CAROLINA DEPARTMENT OF TRANSPORTATION | | MELL HANDEN 2023 |
| UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 FAX: (919)250-4151 | UTILI | TY CONSTRUCTION PLANS ONLY |

UTILITY CONSTRUCTION

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS Water Line (Sized as Shown) — 11 $\frac{1}{4}$ Degree Bend — 22½ 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 ——— Remove Fire Hydrant — Water Meter ----Relocate Water Meter -Remove Water Meter-Water Pump Station — RPZ Backflow Preventer — DCV Backflow Preventer — Relocate RPZ Backflow Preventer-Relocate DCV Backflow Preventer-PROPOSED SEWER SYMBOLS Gravity Sewer Line ___ (Sized as Shown)

(Sized as Shown)

(Sized per Note)

Sewer Pump Station —

Manhole

PROPOSED MISCELLANOUS UTILITIES SYMBOLS

| Power Pole ———————————————————————————————————— | 6 |
|--|--------------------|
| Telephone Pole ———————————————————————————————————— | -0 - |
| Joint Use Pole ———————————————————————————————————— | - |
| Telephone Pedestal ———————————————————————————————————— | TEL PED |
| Utility Line by Others (Type as Shown) | PROP O/H POW LINES |
| Trenchless Installation —————— | 12" TL INSTALL |
| Encasement by Open Cut ——————————————————————————————————— | 24" ENCAS BY OC |
| Encasement ———————————————————————————————————— | 24" ENCASEMENT |
| | EXISTING |

| Thrust Block Air Release Valve Utility Vault Concrete Pier | |
|---|------|
| Utility Vault | |
| Utility Vault | |
| Concrete Pier ———————————————————————————————————— | |
| | |
| Steel Pier ———— | |
| Plan Note — | |
| Pay Item Note PAY | ITEM |

EXISTING UTILITIES SYMBOLS

| Power Pole | • |
|---|----------------|
| Telephone Pole ———————————————————————————————————— | • |
| Joint Use Pole———————————————————————————————————— | — |
| Jtility Pole—————— | • |
| Jtility Pole with Base ———————————————————————————————————— | ⊡ |
| H-Frame Pole | ••• |
| Power Transmission Line Tower———— | |
| Water Manhole ———————————————————————————————————— | W |
| Power Manhole ———————————————————————————————————— | P |
| Telephone Manhole ——————— | ① |
| Sanitary Sewer Manhole ——————— | • |
| Hand Hole for Cable ———————————————————————————————————— | H _H |
| Power Transformer ——————————————————————————————————— | M |
| Telephone Pedestal ———————————————————————————————————— | T |
| CATV Pedestal ———————————————————————————————————— | C |
| Gas Valve ———————————————————————————————————— | \Diamond |
| Gas Meter ——————————————————————————————————— | \$ |
| _ocated Miscellaneous Utility Object — | ⊙ |
| Abandoned According to Utility Records — | AATUR |
| End of Information ———————————————————————————————————— | E.O.I. |
| | |

| Underground Power Line | | - | | P ——— |
|--------------------------|-------------|---------|----------|--------------|
| Underground Telephone Ca | able ——— | _ | | - т |
| Underground Telephone Co | onduit | - | | тс |
| Underground Fiber Optics | s Telephone | Cable - | | T FO |
| Underground TV Cable | | - | | -тv |
| Underground Fiber Optics | s TV Cable— | _ | т | V F0 |
| Underground Gas Pipeline | 9 | _ | | - c |
| Aboveground Gas Pipeline | 9 | _ | Α/ | 'G Gas |
| Underground Water Line | | _ | | - w ——— |
| Aboveground Water Line | | _ | Az | /G Water |
| Underground Gravity San: | itary Sewer | Line- | | -ss |
| Aboveground Gravity San: | itary Sewer | Line | A/G Sa | nitary Sewer |
| Underground SS Forced Ma | ain Line—— | _ | | FSS ——— |
| Underground Unknown Uti | lity Line— | _ | | - ?UTL |
| SUE Test Hole | | | • | |
| Water Meter — | | | 0 | |
| Water Valve — | | | 8 | |
| Fire Hydrant ———— | | | Φ | |
| Sanitary Sewer Cleanout | | | \oplus | |
| | | | | |

| *For Existing Utilities |
|--|
| Utility Line Drawn from Record (Type as Shown) |
| Designated Utility Line |

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 2018.

NCDOT GENERAL UTILITY NOTES:

- 2. THE EXISTING UTILITIES BELONG TO THE TOWN OF PITTSBORO.
- 3. ALL WATER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES, 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 ENVIRONMENTAL AND NATURAL 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 AND THE UTILITY OWNER 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 A MINIMUM OF ONE WEEK PRIOR TO SERVICE INTERRUPTIONS AND TESTING. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPROTUNITY 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 ADDITONAL 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 OWNER*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.

PROJECT SPECIFIC UTILITY NOTES:

- 1. DEVIATION FROM THESE PLANS AND NOTES WITHOUT THE PRIOR WRITTEN CONSENT OF THE UTILITY OWNER OR THEIR REPRESENTATIVE OR THE ENGINEER MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE.
- 2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD ANY FIELD CONDITIONS BE ENCOUNTERED THAT VARY FROM THE INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS. ANY NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AN AMENDED PLAN &/OR PROFILE BY THE UTILITY OWNER PRIOR TO CONSTRUCTION.
- 3. CONTRACTOR SHALL COORDINATE ALL WORK WITH UTILITY OWNER AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION, OR AS OTHERWISE SPECIFIED HEREIN.
- 4. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS FOR ALL UTILITY CONSTRUCTION PRIOR TO PLACING THE PIPELINE(S) IN SERVICE
- 5. PIPE ALIGNMENT SHOWN IS BASED ON STANDARD DUCTILE IRON MECHANICAL JOINT FITTINGS. JOINT DEFLECTIONS SHALL NOT EXCEED 75 PERCENT OF MANUFACTURER'S RECOMMENDED DEFLECTION. CONTRACTOR SHALL ADJUST PIPELINE ALIGNMENT AND DEFLECT JOINTS AS NECESSARY TO ACCOMMODATE THE STANDARD BENDS SHOWN.
- 6. ALL PIPE FITTINGS SHALL BE DUCTILE IRON RESTRAINED MECHANICAL JOINT WITH PRESSURE RATING EQUAL TO OR HIGHER THAN HOST PIPE, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- 7. ALL MECHANICAL JOINT CONNECTIONS SHALL BE RESTRAINED WITH WEDGE-TYPE MECHANICAL RESTRAINT ACCESSORY KITS DESIGNED FOR THE INTENDED USE AND MATERIAL, AS APPROVED BY UTILITY OWNER.
- 8. ALL DUCTILE IRON FITTINGS AND CAPS/PLUGS USED IN WASTEWATER SERVICE SHALL BE LINED INTERNALLY WITH CERAMIC EPOXY LINING (SEE UC SPECIAL PROVISIONS).
- 9. ALL EXPOSED DUCTILE IRON PIPE AND FITTINGS WITHIN WASTEWATER AIR RELEASE MANHOLES SHALL BE COATED EXTERNALLY WITH MIN 2-COATS COAL TAR EPOXY.
- 10. ALL EXPOSED HARDWARE, PIPING, AND VALVING WITHIN WASTEWATER AIR RELEASE MANHOLES SHALL BE STAINLESS STEEL.
- 11. ALL UTILITY PIPING SHALL BE IDENTIFIED WITH DETECTABLE WARNING TAPE AND MARKER BALLS IN ACCORDANCE WITH OWNER SPECIFICATIONS. ALL RECLAIMED WATER LINES SHALL BE PANTONE 522 PURPLE IN COLOR OR WRAPPED IN PANTONE 522 PURPLE POLYETHYLENE SHEETING AND SHALL BEAR THE TEXT: "CAUTION: RECLAIMED WATER DO NOT DRINK" ON THE EXTERIOR. SEE TOWN OF PITTSBORO SPECIFICATIONS SECTION 6 FOR ADDITIONAL LABELING REQUIREMENTS.

Kimley» Horn

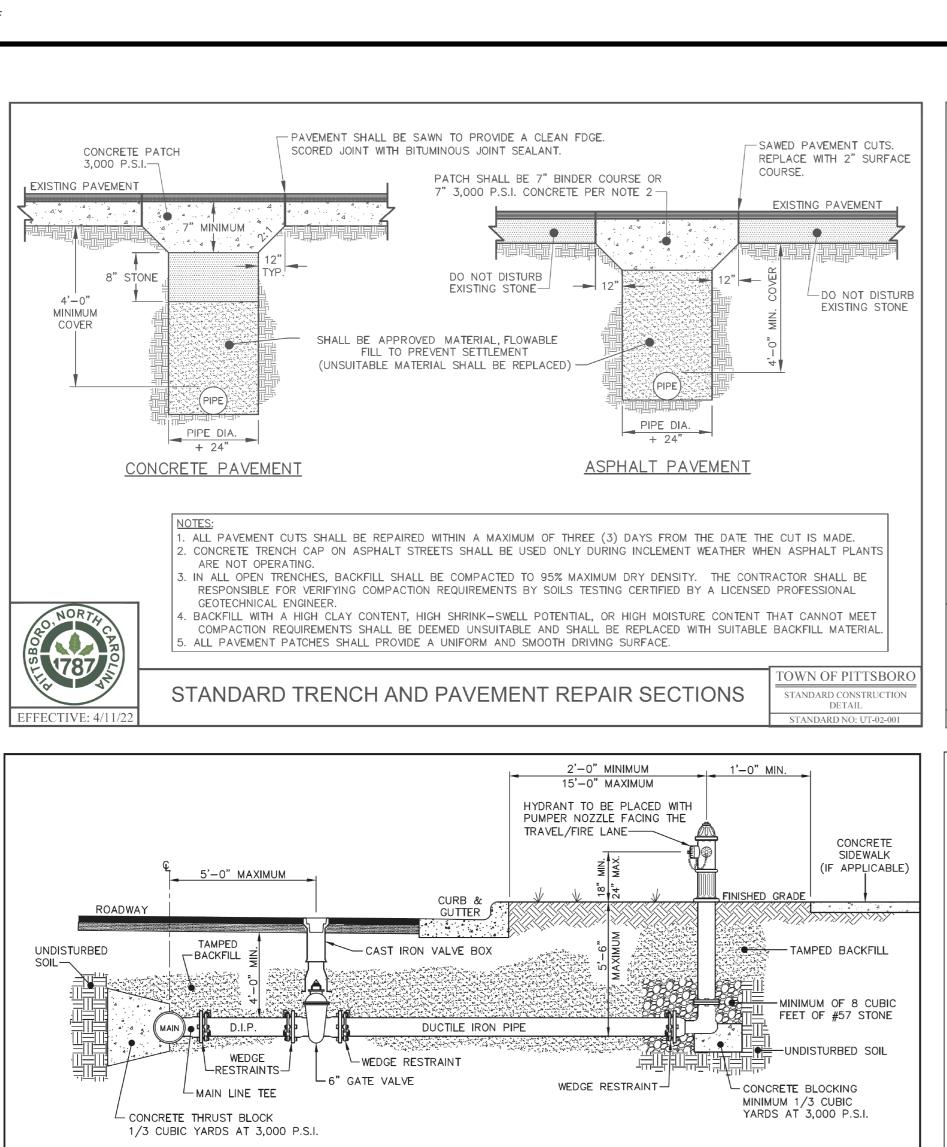
ORRIS STREET, SUITE 200 DURHAM, NC 27701

| | PROJECT REFERENCE | NO. | SHEET NO. |
|---|--|-------|--|
| 1 | R-5930A | | UC-3 |
| | DESIGNED BY: NLH | | William Control of the Control of th |
| , | DRAWN BY: JNB | | CAROLLING |
| | CHECKED BY: NDR | Docus | SCAL SEAL |
| | APPROVED BY: NLH | Na | |
| | REVISED: | | F1BD89400249 |
| | NORTH CAROLINA DEPARTMENT OF TRANSPORTATION | | NEL HAMININITY 2023 |
| | UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 FAX: (919)250-4151 | | TY CONSTRUCTION PLANS ONLY |

UTILITY CONSTRUCTION

16/202

DocuSign Envelope ID: 91DAD408-B6FA-4ECF-A952-04B88091BA9F



TOP OF BLOCKING TO BE 2 INCHES FROM HYDRANT WEEP HOLES.

WITHIN THE DITCH LINE OR SLOPE SHALL BE PROHIBITED.

HYDRANT EXTENSIONS ARE PROHIBITED.

3. HYDRANT SHALL BE LOCATED FROM 2 TO 15 FEET FROM BACK OF CURB.

B. HYDRANTS NEAR FDC'S SHALL BE PROVIDED WITH A STORZ CONNECTION.

ORDER TO ACHIEVE CONTINUOUS RESTRAINT BETWEEN THE HYDRANT AND THE MAIN.

STANDARD HYDRANT INSTALLATION

FOR ROADS WITH CURB & GUTTER

→ 5¾6" |

LID

73/8"--

||-6¾"--||

-6%"--

~ 7½"~

TOP SECTION

STANDARD WATER VALVE BOX INSTALLATION (2 OF 2)

IF HYDRANT IS LOCATED ON A DEPARTMENT OF TRANSPORTATION ROADWAY USE D.O.T. STANDARDS FOR LOCATION OF HYDRANT.

CLOSED PICKHOLES (2)

" RAISED LETTERING

BOX SHALL BE CENTERED

ALL PARTS SHALL BE OF THE SAME MATERIAL AND

SUPPLIED BY THE SAME

OVER VALVE -

MANUFACTURER -

(RECESSED FLUSH)

OWN OF PITTSBORO

STANDARD CONSTRUCTIO

COMPLETE BOX

OWN OF PITTSBORC

TANDARD CONSTRUCTIO

VALVE BOX COVER SHALL WEIGH A MINIMUM 24 lbs

2. ENTIRE VALVE BOX ASSEMBLY & COVER SHALL BE

ASSEMBLY SHALL BE DOMESTICALLY MADE AND

CAST FROM CLASS 35 GRAY IRON.

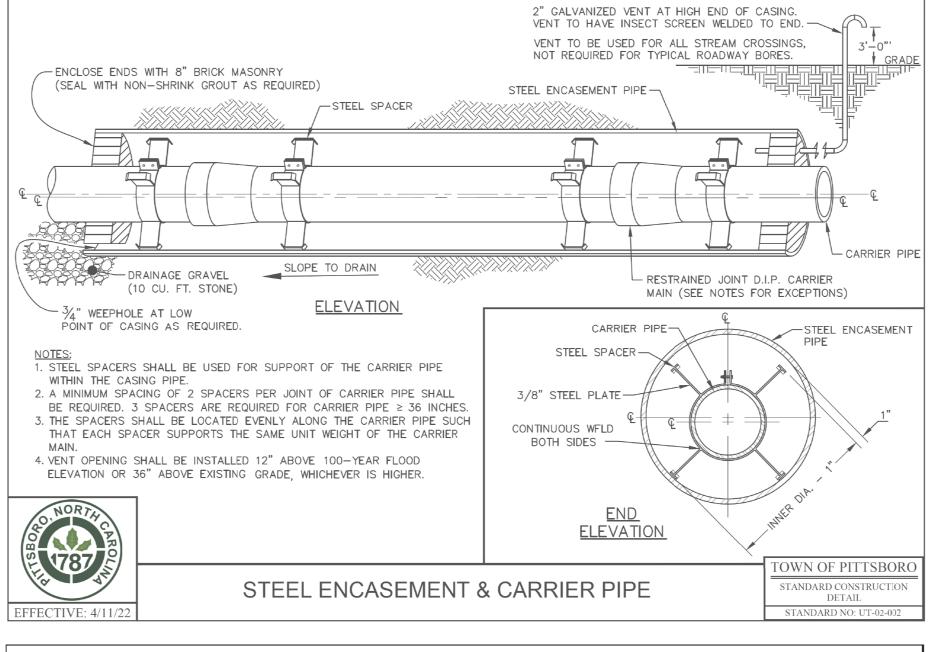
MANUFACTURED IN THE U.S.A.

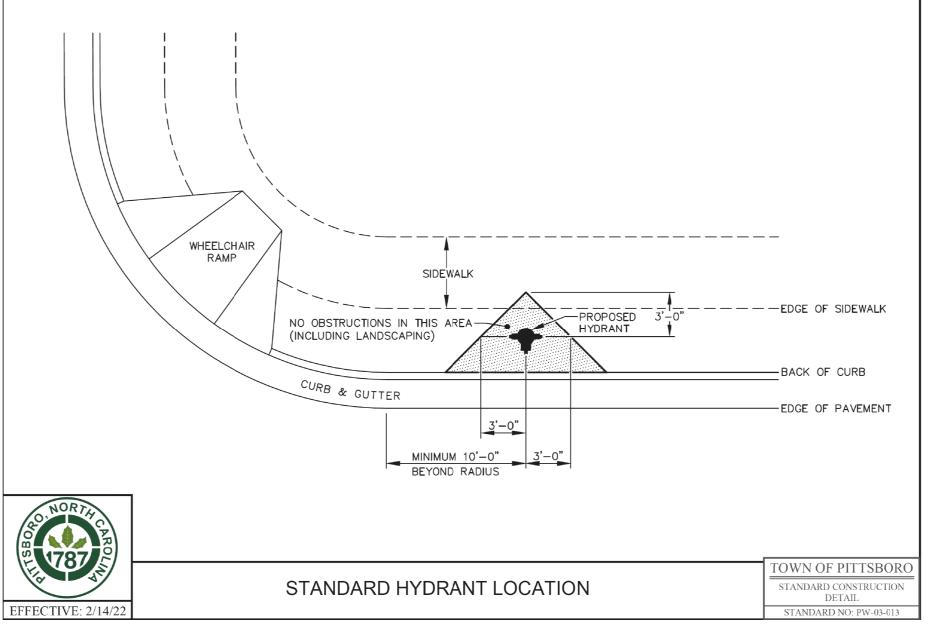
DETAIL

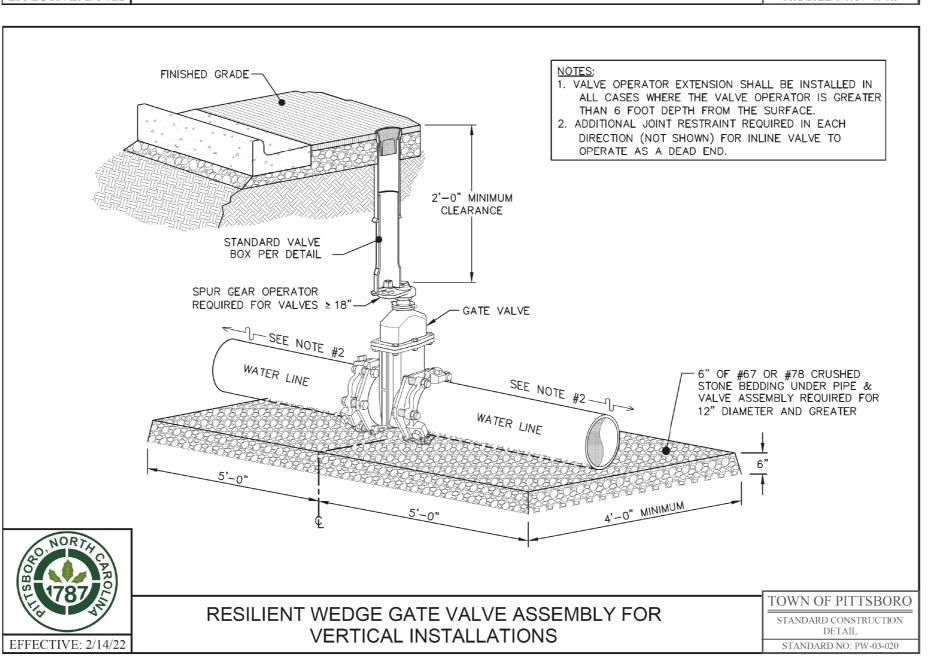
. HYDRANT MAY BE LOCATED (AT LEAST 1 FOOT) BEHIND SIDEWALK WHEN IT CANNOT BE LOCATED INSIDE THE UTILITY STRIP.

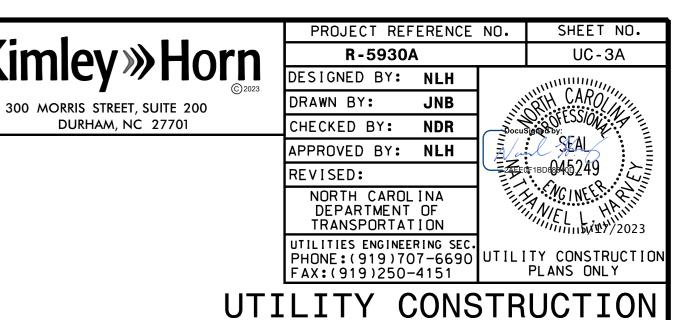
5. HYDRANT SHALL BE INSTALLED AT LEAST 2 FEET BEYOND TOP SLOPE OF ANY DRAINAGE DITCHES. HYDRANT INSTALLATION

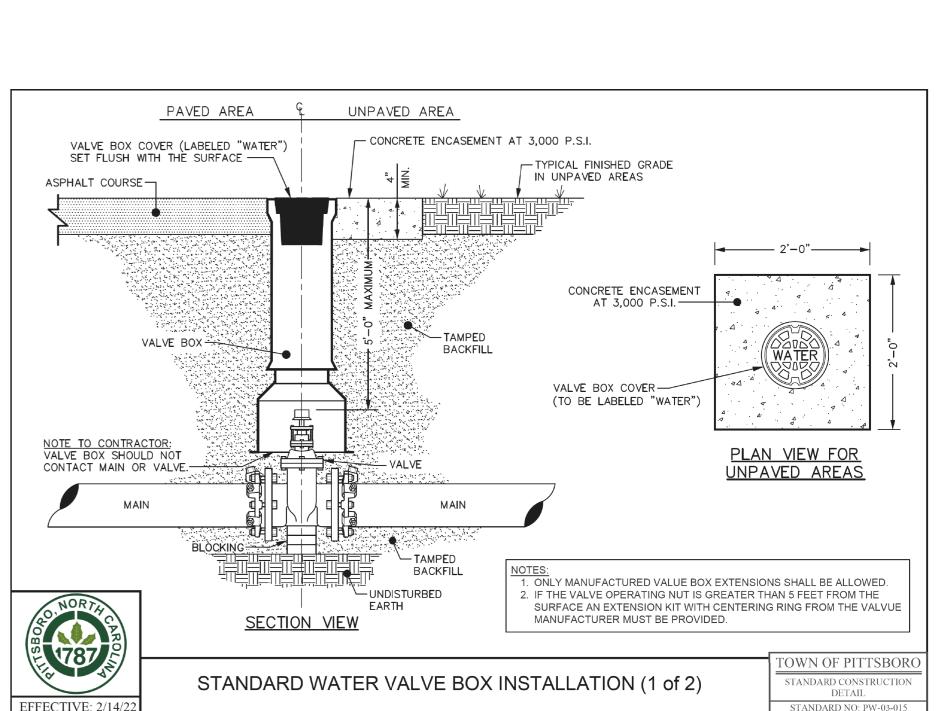
STANDARD WEDGE ACTION RETAINER GLANDS, THRUST BLOCK, AND 3/4 INCH STAINLESS STEEL RODDING ARE REQUIRED IN



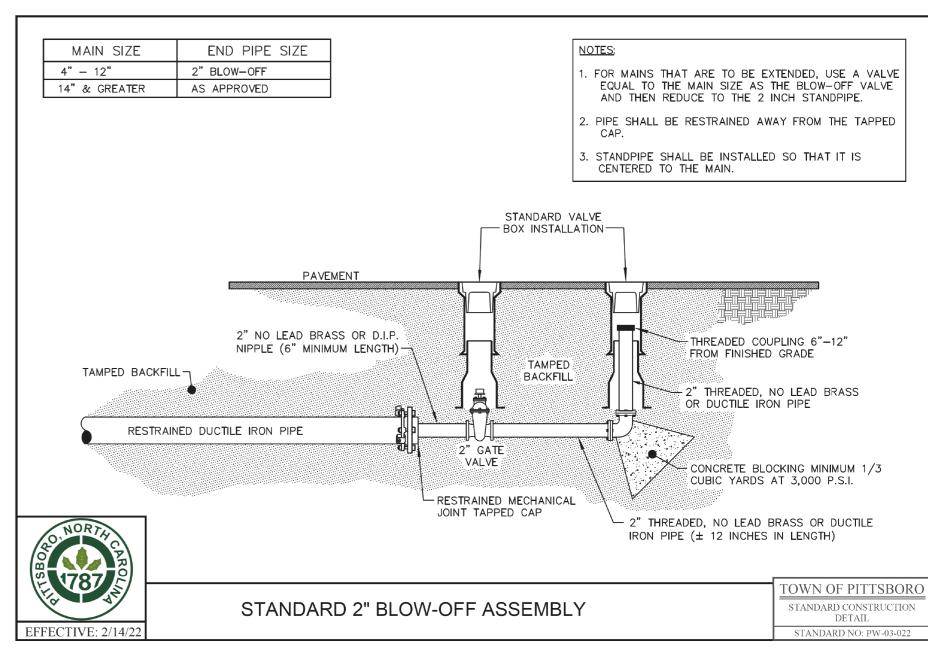








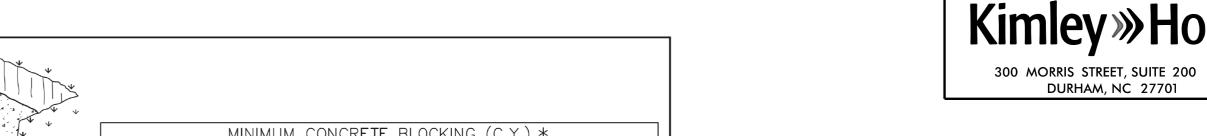
DURHAM, NC 27701





BOTTOM SECTION

EFFECTIVE: 2/14/2



R-5930A

DESIGNED BY: NLH

DRAWN BY: JNB

CHECKED BY: NDR

APPROVED BY: NLH

REVISED:

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

UTILITIES ENGINEERING SEC.
PHONE: (919)707-6690

UTILITY CONSTRUCTION

FAX: (919)250-4151

11/4" RAISED LETTERING

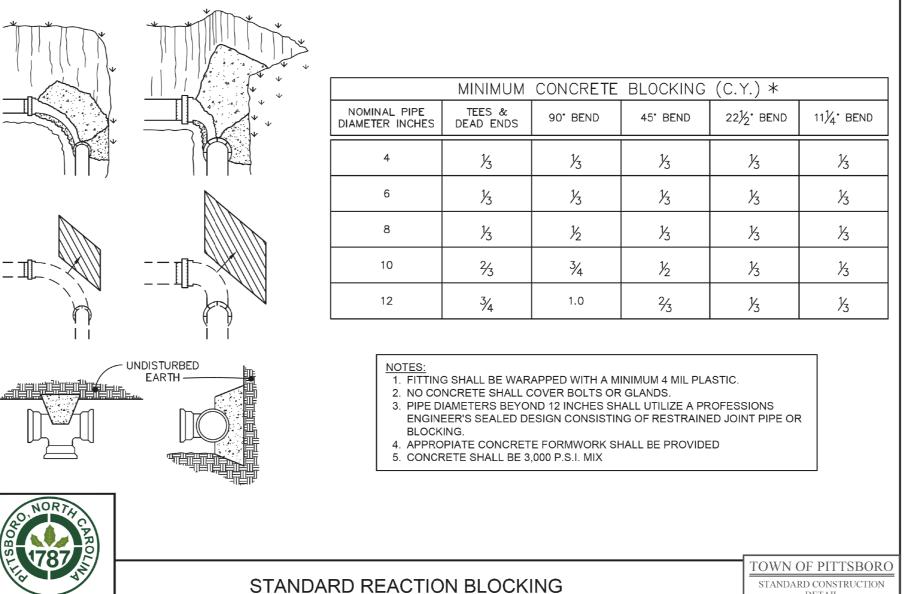
(RECESSED FLUSH) -

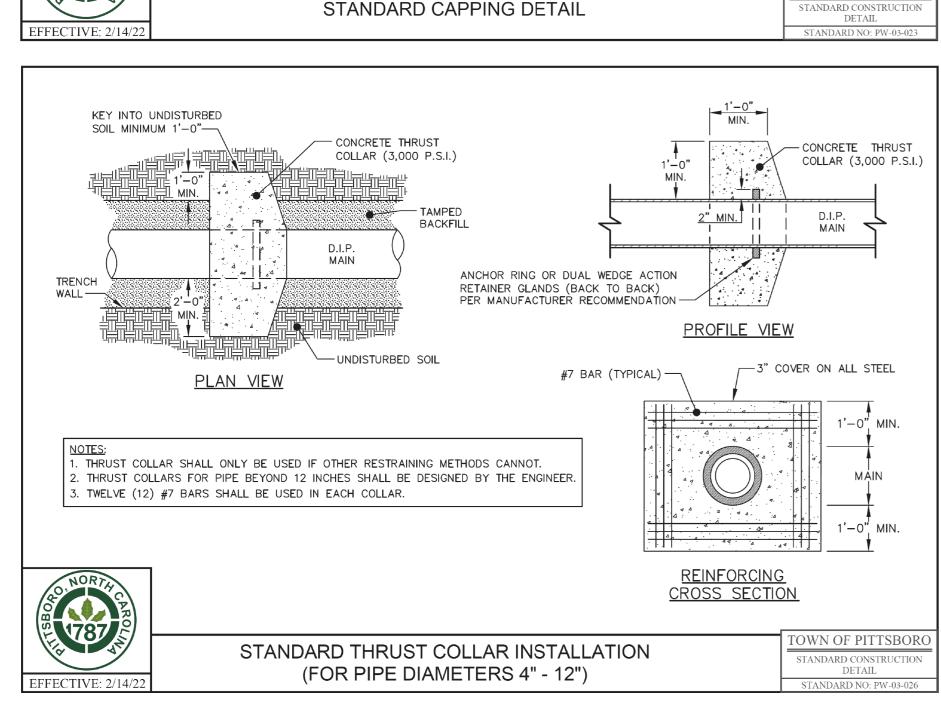
UTILITY CONSTRUCTION

PROJECT REFERENCE NO.

SHEET NO.

PLANS ONLY





-UNDISTURBED SOIL

THIS DETAIL SHALL APPLY ONLY TO TEMPORARY CAPPING. PERMANENT

. REQUIRED RESTRAINT AWAY FROM THE DEAD END MAY BE MJ PIPE WITH

DEAD END LINES TO BE IN ACCORDANCE WITH STANDARD DETAIL.

WEDGE ACTION RESTRAINTS FOR PIPE ≤ 12 INCH DIAMETER.

--- WEDGE ACTION RESTRAINT

--- NO JOINTS----

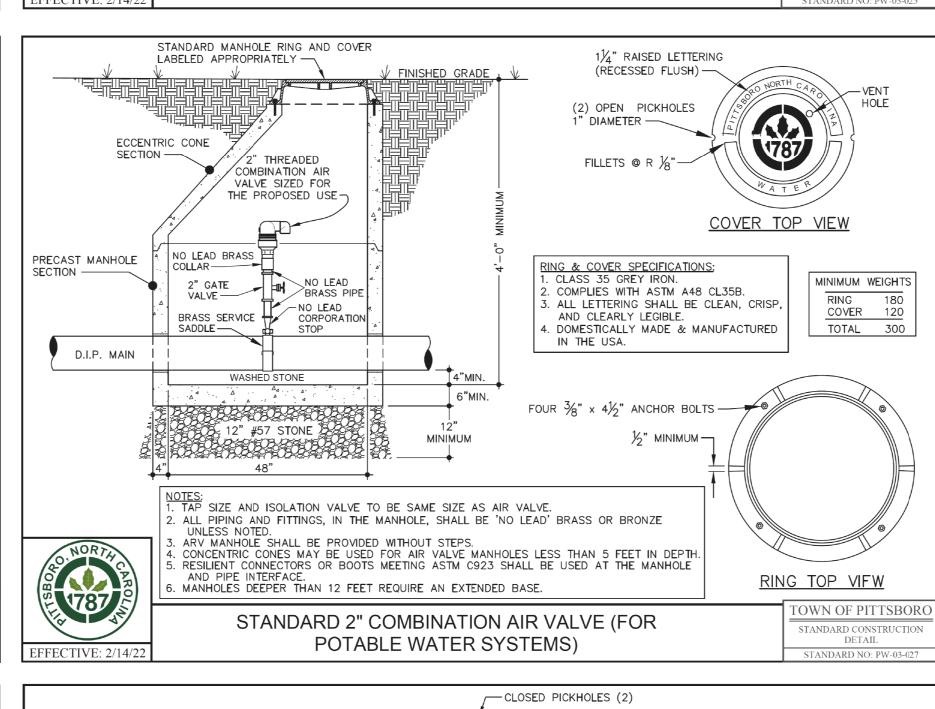
D.I. PIPE

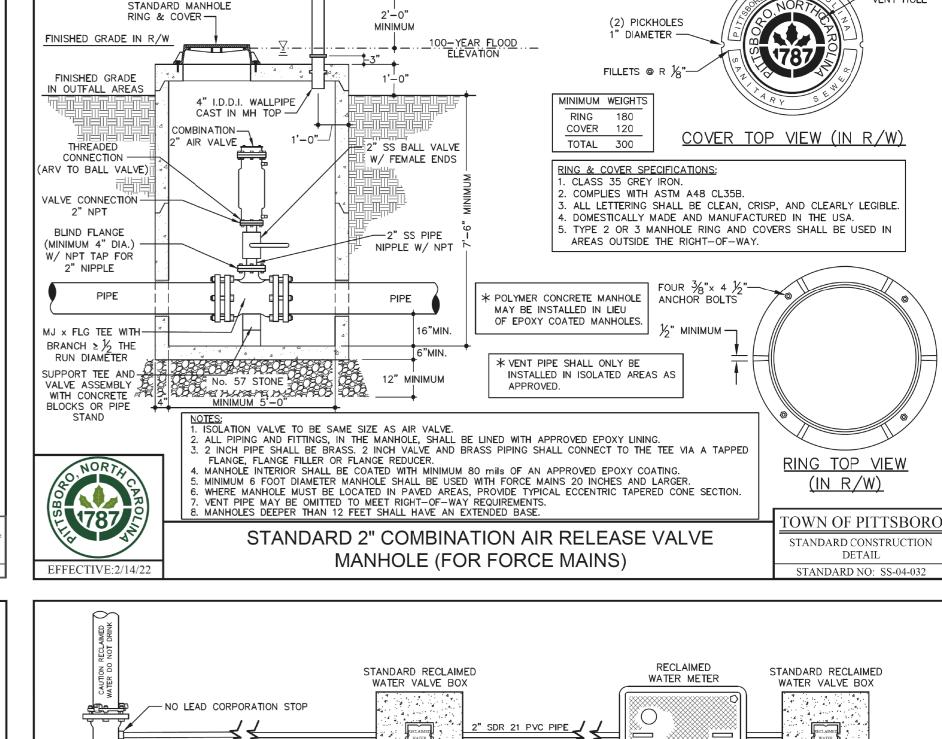
- MECHANICAL JOINT CAP

OWN OF PITTSBORG

WEDGE ACTION RESTRAINTS -

RESTRAINED JOINT DUCTILE IRON PIPE



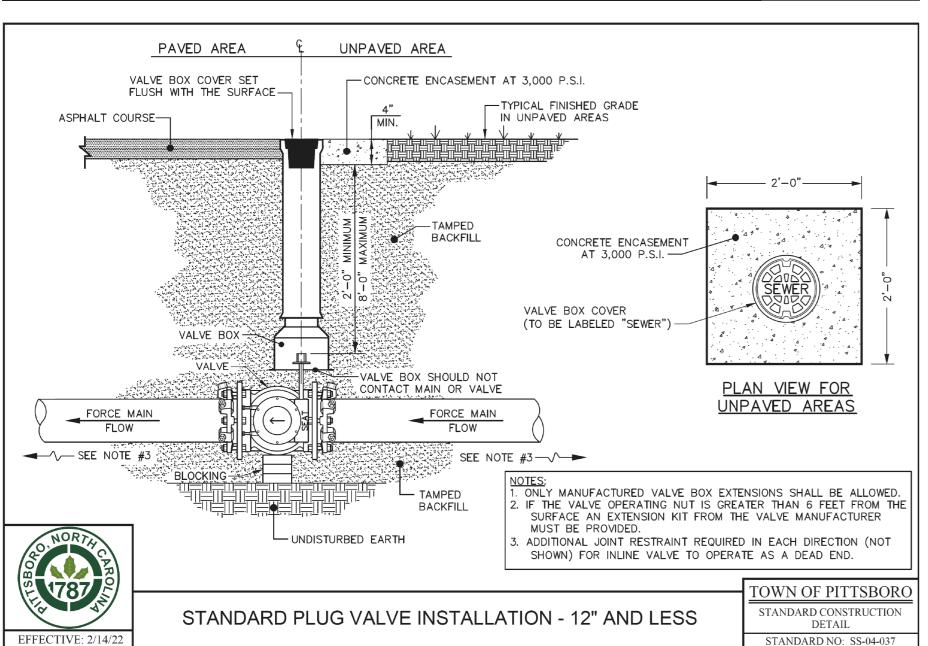


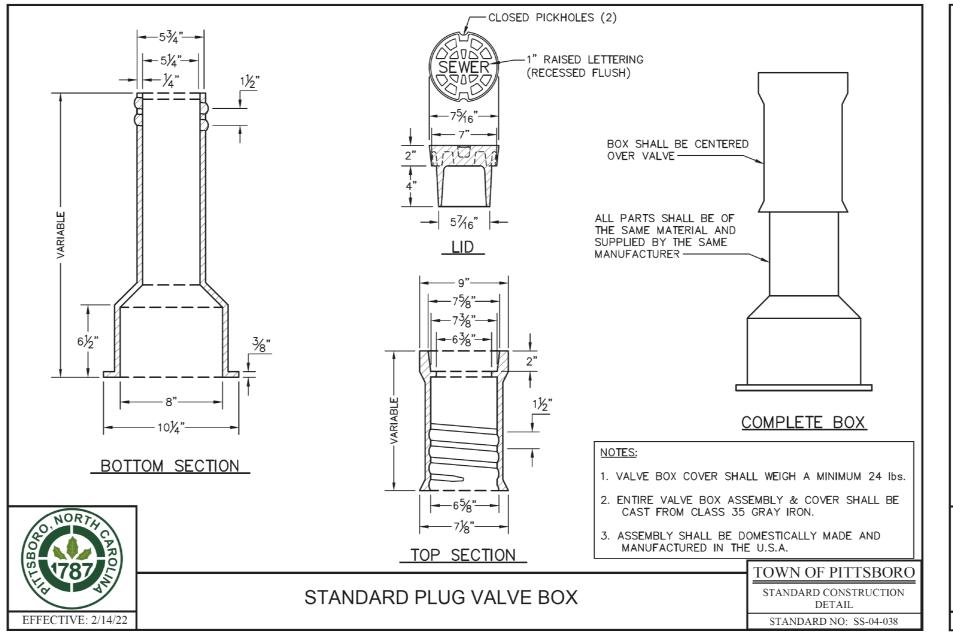
/ VENT PIPING *W/ STAINLESS

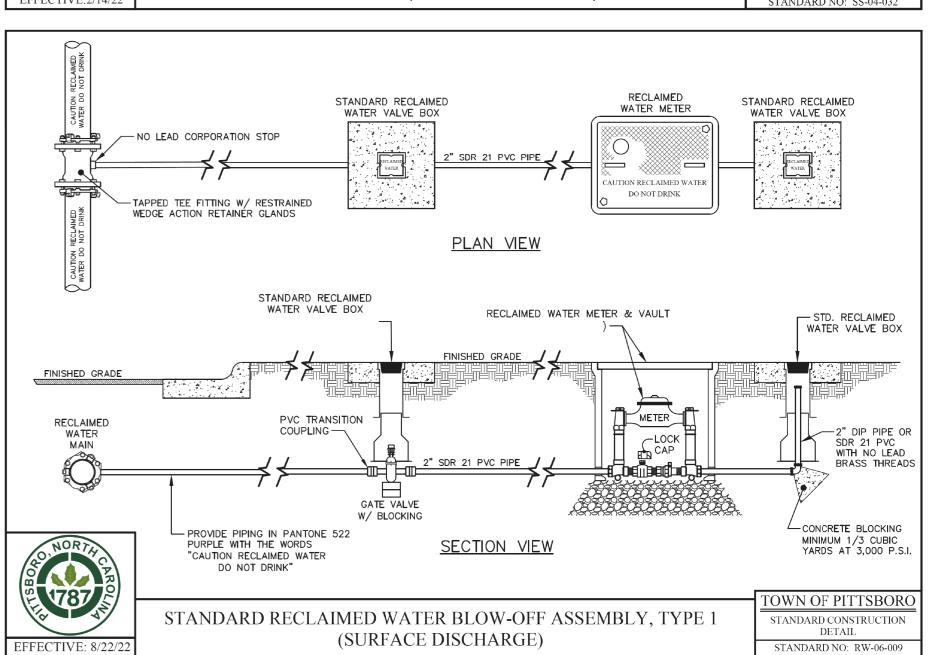
STEEL BUG SCREEN

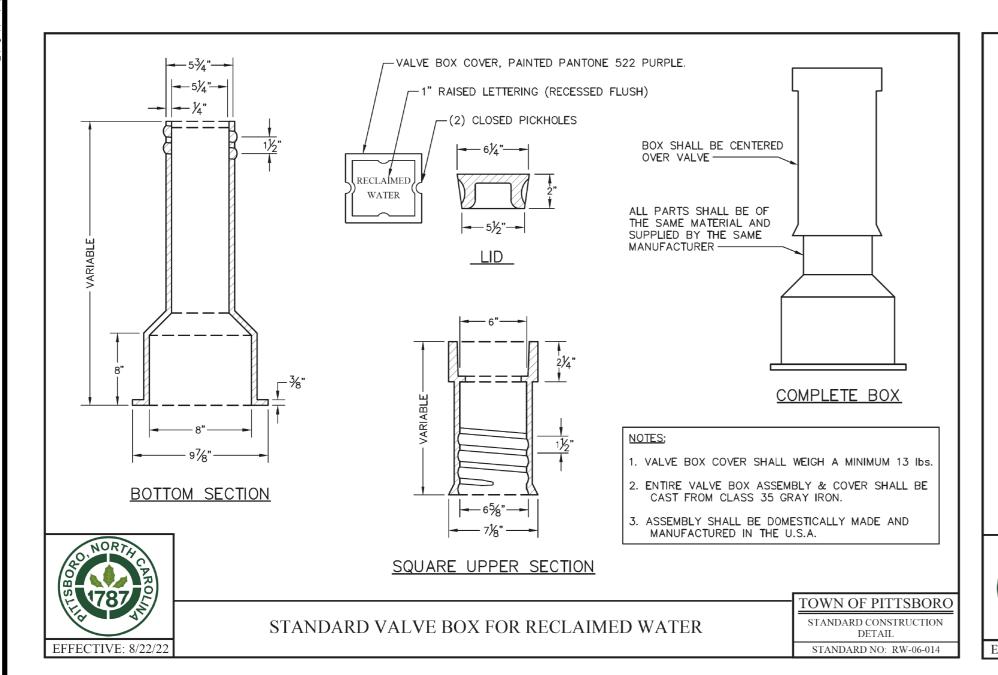
MINIMUM 4" DUCTILE IRON PIPE (FLANGED)

INCREASE TO MATCH ARV SIZE









- 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.

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

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,

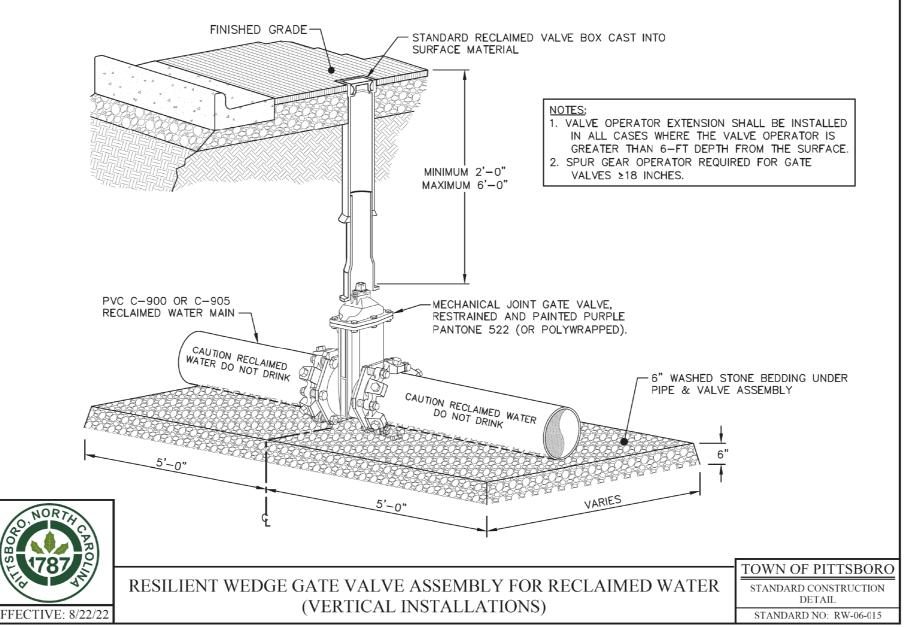
CRISP. AND CLEARLY LEGIBLE.

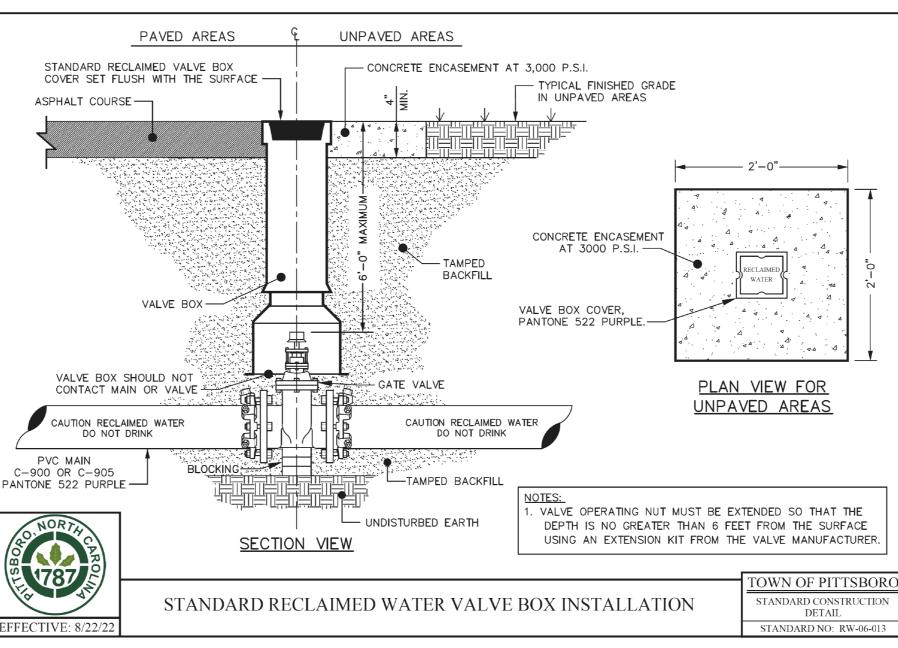
り、MINIMUM -

DOMESTICALLY MADE & MANUFACTURED IN THE USA.

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

PANTONE 522 PURPLE, AT MINIMUM





SHEET NO. PROJECT REFERENCE 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

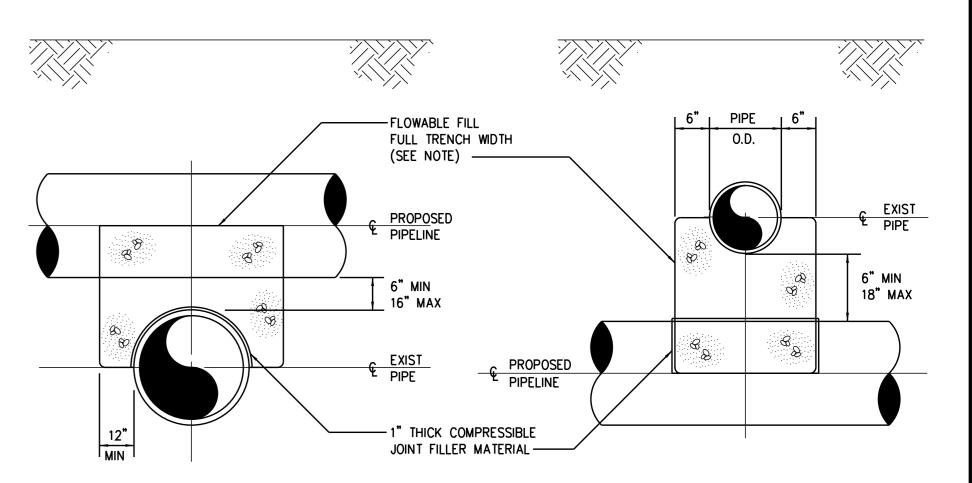
PROPOSED PIPELINE UNDER EXIST PIPE

PHONE: (919)707-6690 UTILITY CONSTRUCTION

PLANS ONLY

UTILITIES ENGINEERING SEC

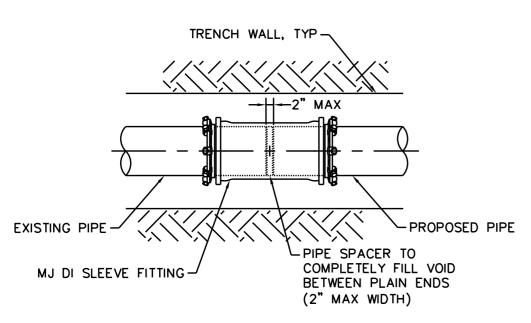
FAX: (919)250-4151



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

20 12" No. 57 STONE

"RECLAIMED WATER DO NOT DRINK"-

BRASS COLLAR—

NO LEAD

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.
- 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.

