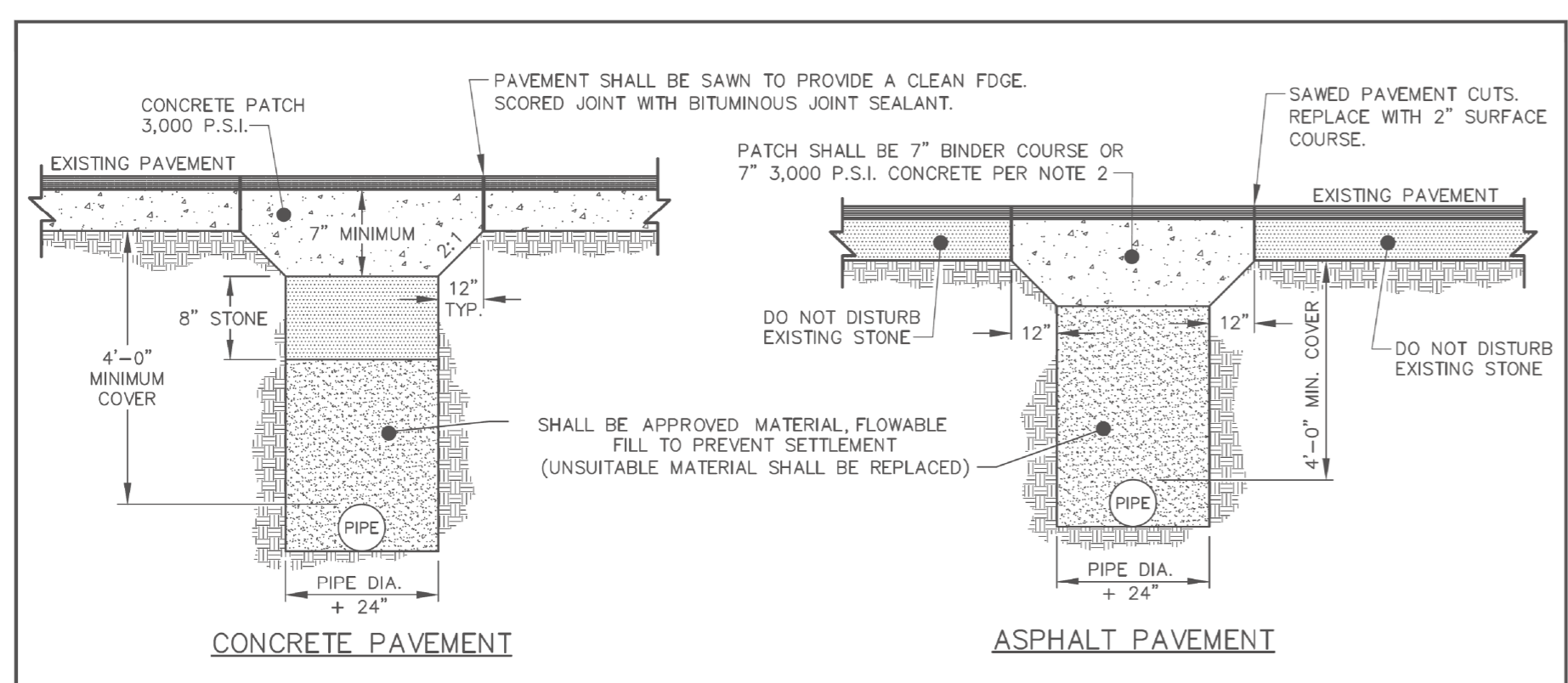


Kimley»Horn

300 MORRIS STREET, SUITE 200
DURHAM, NC 27701

PROJECT REFERENCE NO.	SHEET NO.
R-5930A	UC-3A
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 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION

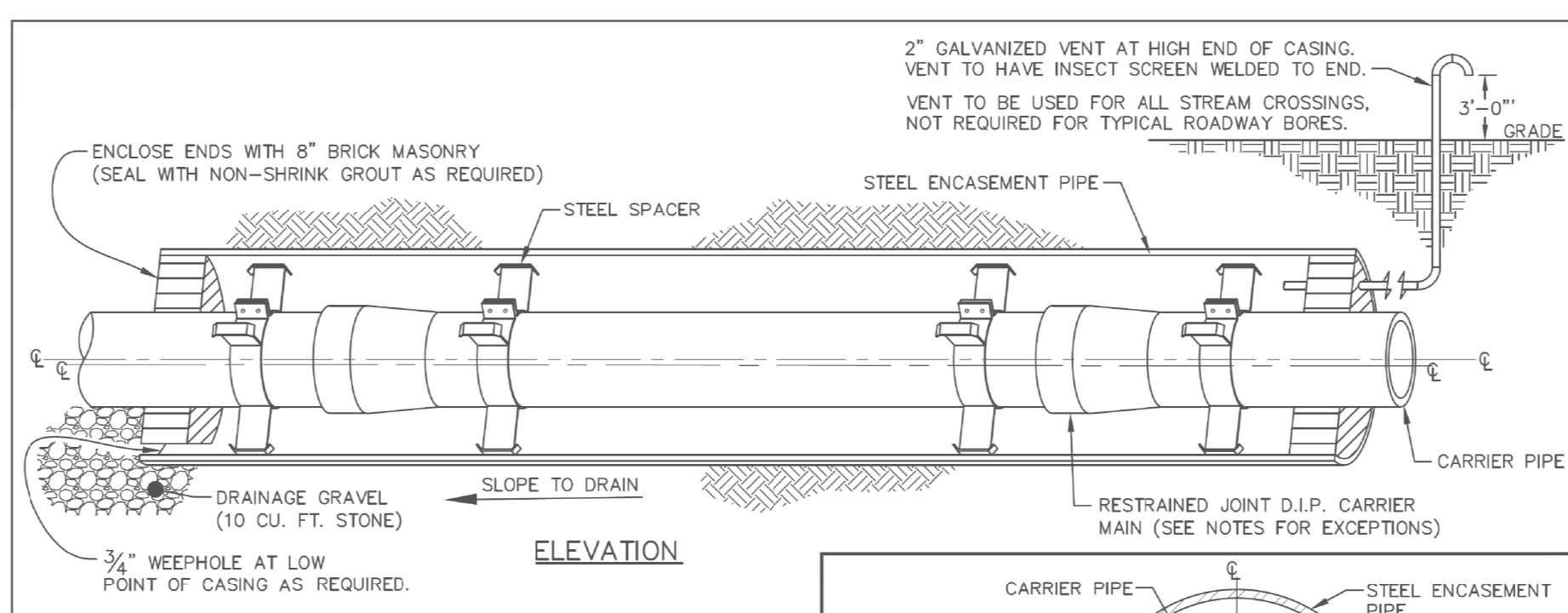


- NOTES:**
1. ALL PAVEMENT CUTS SHALL BE REPAIRED WITHIN A MAXIMUM OF THREE (3) DAYS FROM THE DATE THE CUT IS MADE.
 2. CONCRETE TRENCH CAP ON ASPHALT STREETS SHALL BE USED ONLY DURING INCLEMENT WEATHER WHEN ASPHALT PLANTS ARE NOT OPERATING.
 3. IN ALL OPEN TRENCHES, BACKFILL SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING COMPACTION REQUIREMENTS BY SOILS TESTING CERTIFIED BY A LICENSED PROFESSIONAL GEOTECHNICAL ENGINEER.
 4. BACKFILL WITH A HIGH CLAY CONTENT, HIGH SHRINK-SWELL POTENTIAL, OR HIGH MOISTURE CONTENT THAT CANNOT MEET COMPACTION REQUIREMENTS SHALL BE DEEMED UNSUITABLE AND SHALL BE REPLACED WITH SUITABLE BACKFILL MATERIAL.
 5. ALL PAVEMENT PATCHES SHALL PROVIDE A UNIFORM AND SMOOTH DRIVING SURFACE.



STANDARD TRENCH AND PAVEMENT REPAIR SECTIONS

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: UT-02-001
EFFECTIVE: 4/11/22

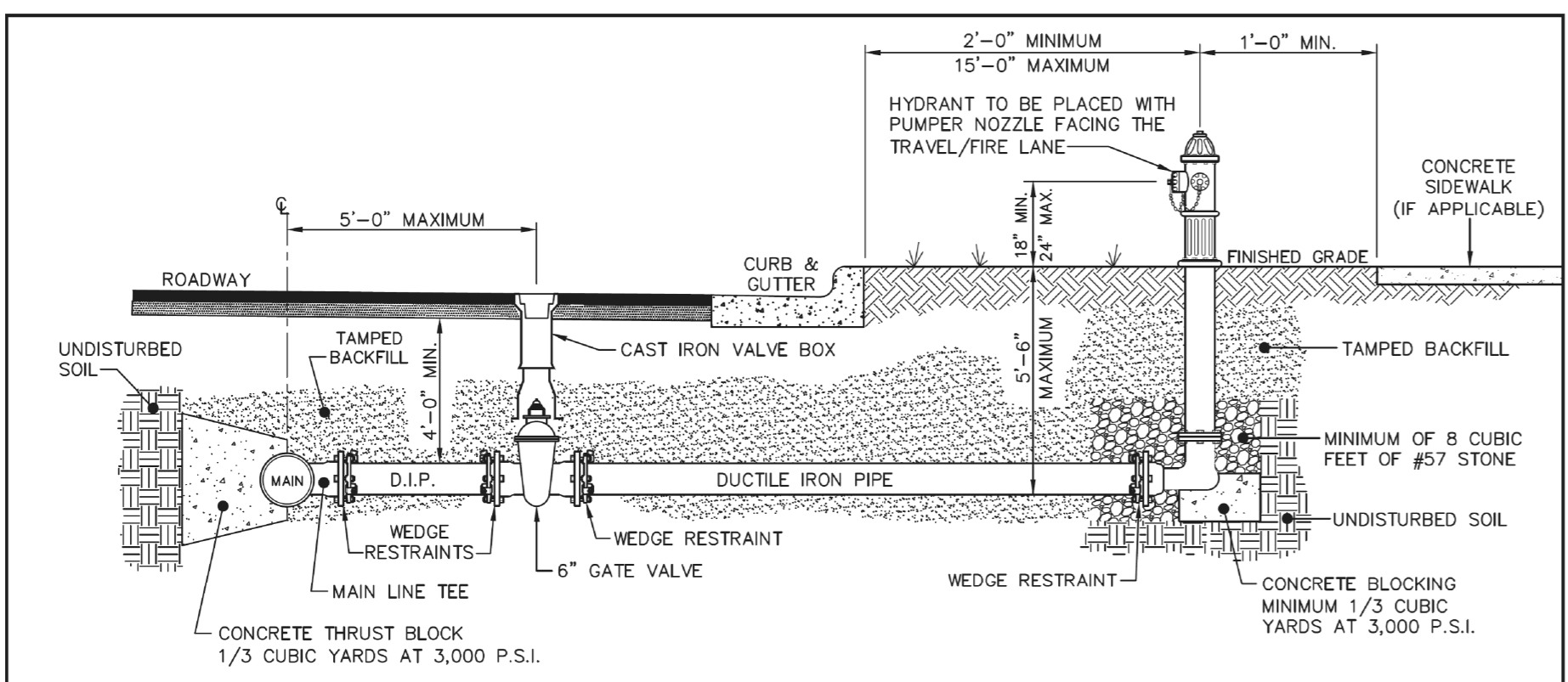


- NOTES:**
1. STEEL SPACERS SHALL BE USED FOR SUPPORT OF THE CARRIER PIPE WITHIN THE CASING PIPE.
 2. A MINIMUM SPACING OF 2 SPACERS PER JOINT OF CARRIER PIPE SHALL BE REQUIRED. 3 SPACERS ARE REQUIRED FOR CARRIER PIPE \geq 36 INCHES.
 3. THE SPACERS SHALL BE LOCATED EVENLY ALONG THE CARRIER PIPE SUCH THAT EACH SPACER SUPPORTS THE SAME UNIT WEIGHT OF THE CARRIER MAIN.
 4. VENT OPENING SHALL BE INSTALLED 12" ABOVE 100-YEAR FLOOD ELEVATION OR 36" ABOVE EXISTING GRADE, WHICHEVER IS HIGHER.



STEEL ENCASEMENT & CARRIER PIPE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: UT-02-002
EFFECTIVE: 4/11/22

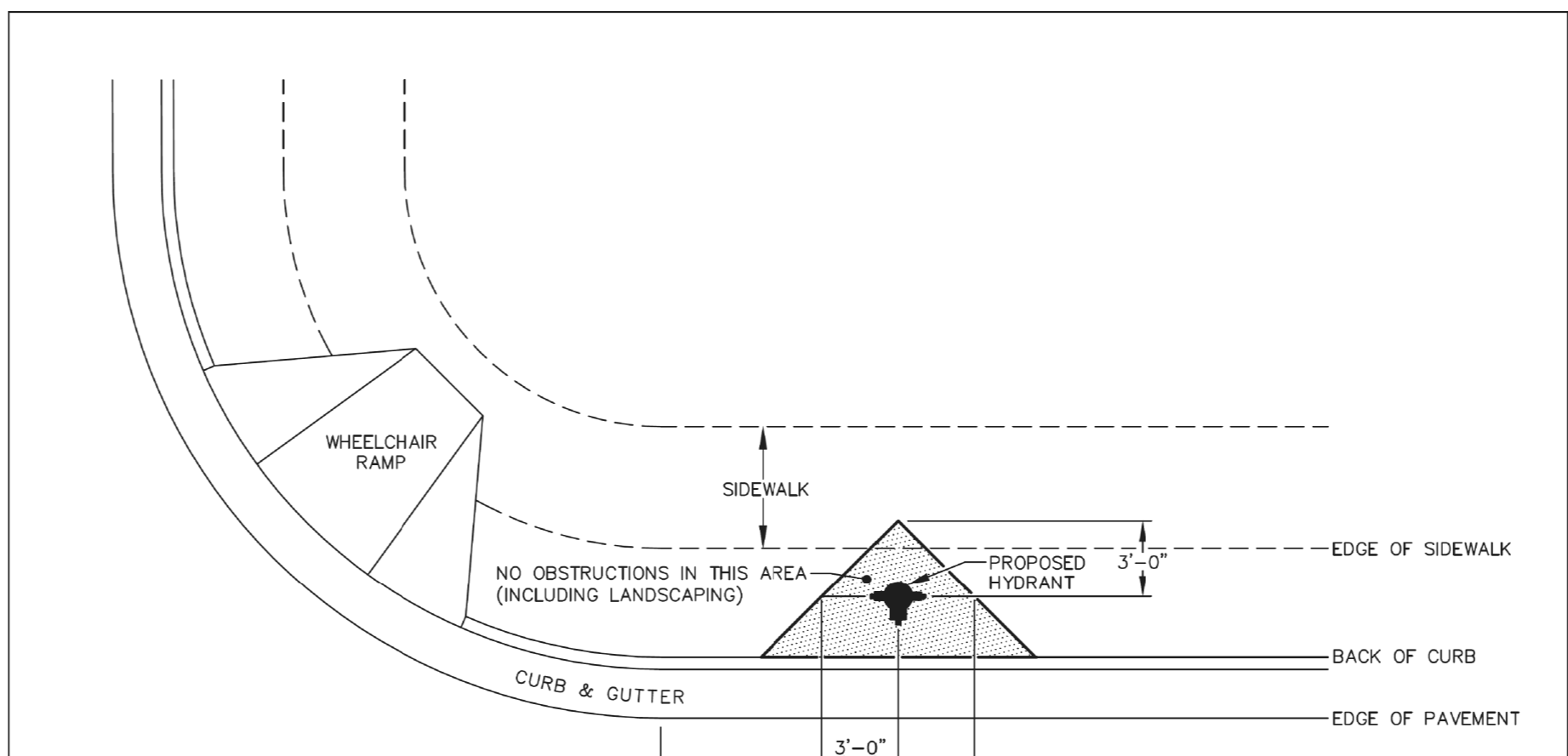


- NOTES:**
1. TOP OF BLOCKING TO BE 2 INCHES FROM HYDRANT WEEP HOLES.
 2. IF HYDRANT IS LOCATED ON A DEPARTMENT OF TRANSPORTATION ROADWAY USE D.O.T. STANDARDS FOR LOCATION OF HYDRANT.
 3. HYDRANT SHALL BE LOCATED FROM 2 TO 15 FEET FROM BACK OF CURB.
 4. HYDRANT MAY BE LOCATED (AT LEAST 1 FOOT) BEHIND 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 WITHIN THE DITCH LINE OR SLOPE SHALL BE PROHIBITED.
 6. STANDARD WEDGE ACTION RETAINER GLANDS, THRUST BLOCK AND 3/4 INCH STAINLESS STEEL RODDING ARE REQUIRED IN ORDER TO ACHIEVE CONTINUOUS RESTRAINT BETWEEN THE HYDRANT AND THE MAIN.
 7. HYDRANT EXTENSIONS ARE PROHIBITED.
 8. HYDRANTS NEAR FDC'S SHALL BE PROVIDED WITH A STORZ CONNECTION.



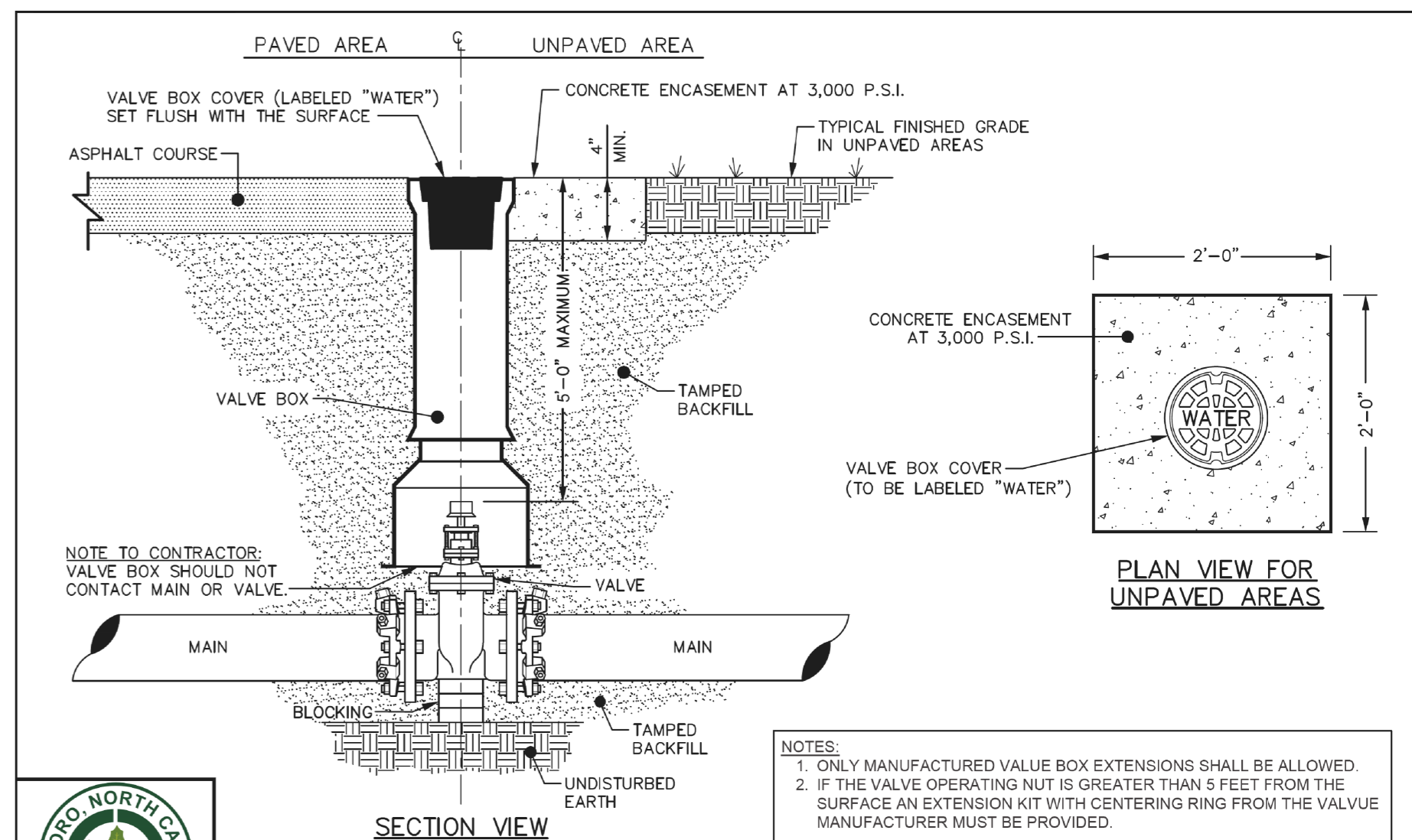
STANDARD HYDRANT INSTALLATION FOR ROADS WITH CURB & GUTTER

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: PW-03-010
EFFECTIVE: 2/14/22



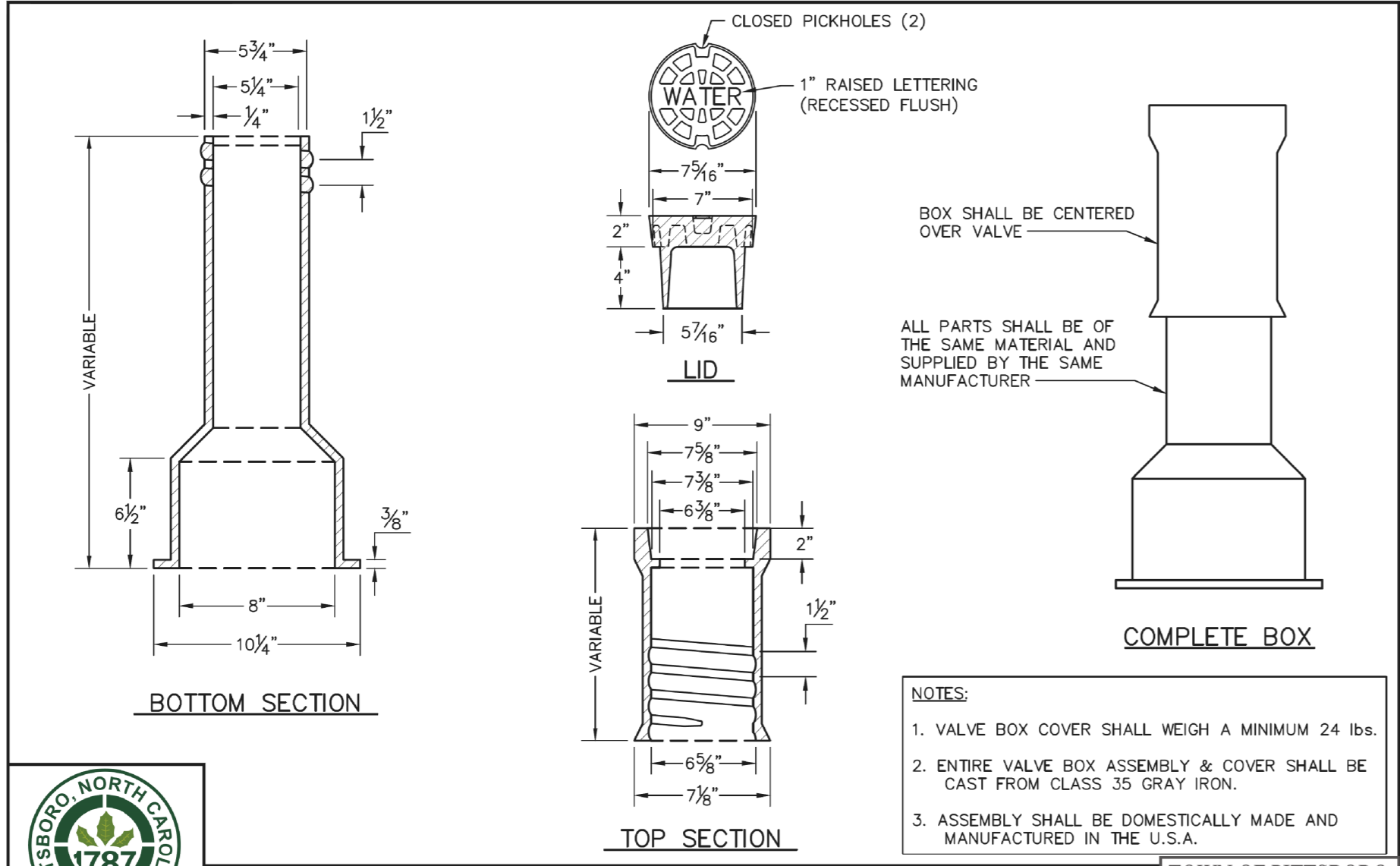
STANDARD HYDRANT LOCATION

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: PW-03-013
EFFECTIVE: 2/14/22



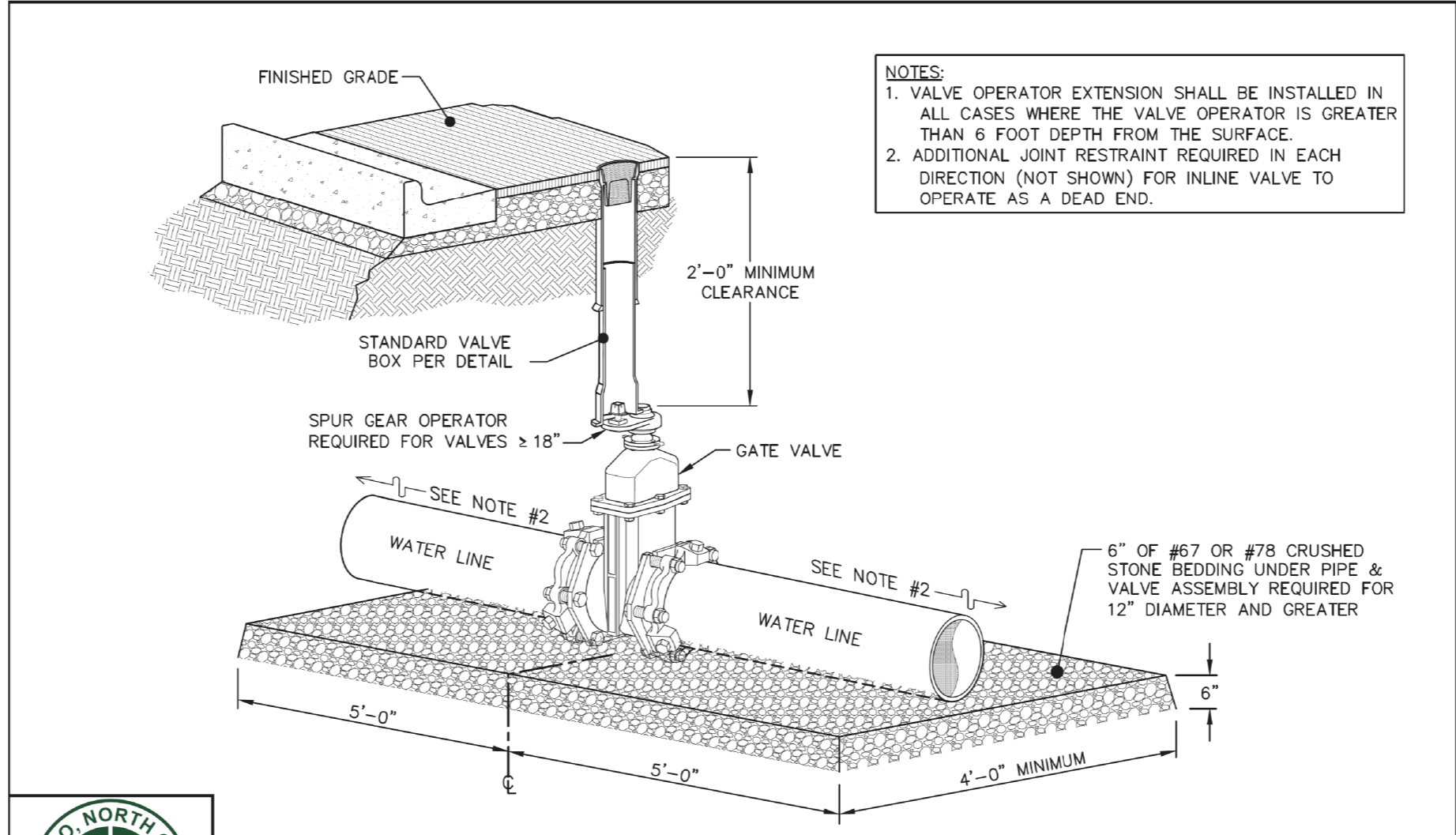
STANDARD WATER VALVE BOX INSTALLATION (1 OF 2)

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: PW-03-015
EFFECTIVE: 2/14/22



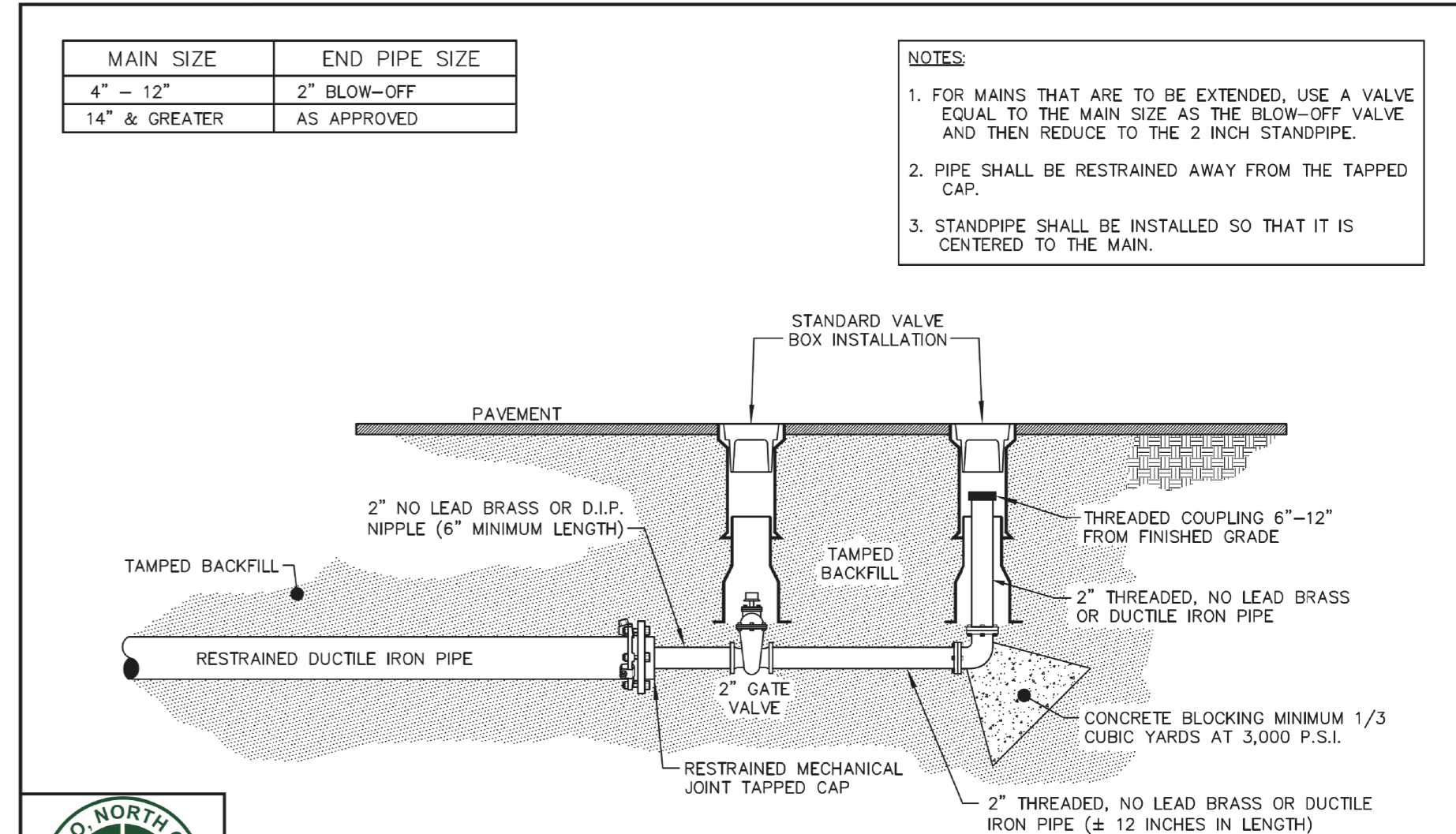
STANDARD WATER VALVE BOX INSTALLATION (2 OF 2)

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: PW-03-016
EFFECTIVE: 2/14/22



RESILIENT WEDGE GATE VALVE ASSEMBLY FOR VERTICAL INSTALLATIONS

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: PW-03-020
EFFECTIVE: 2/14/22



STANDARD 2" BLOW-OFF ASSEMBLY

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: PW-03-022
EFFECTIVE: 2/14/22