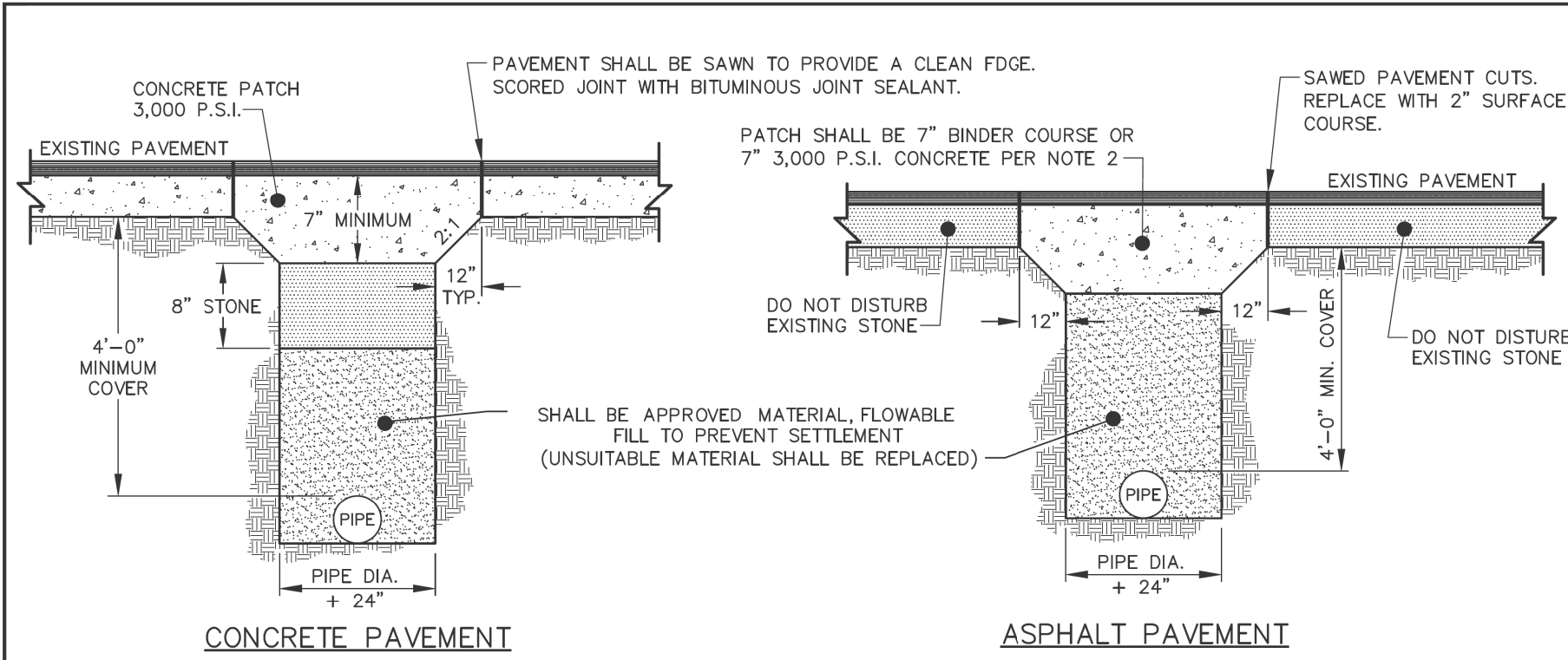
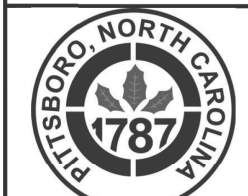


PROJECT REFERENCE NO.	SHEET NO.
R-5963D	UC-3A
DESIGNED BY: NLH	
DRAWN BY: JNB	
CHECKED BY: NDR	
APPROVED BY: NLH	
REVISED:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION



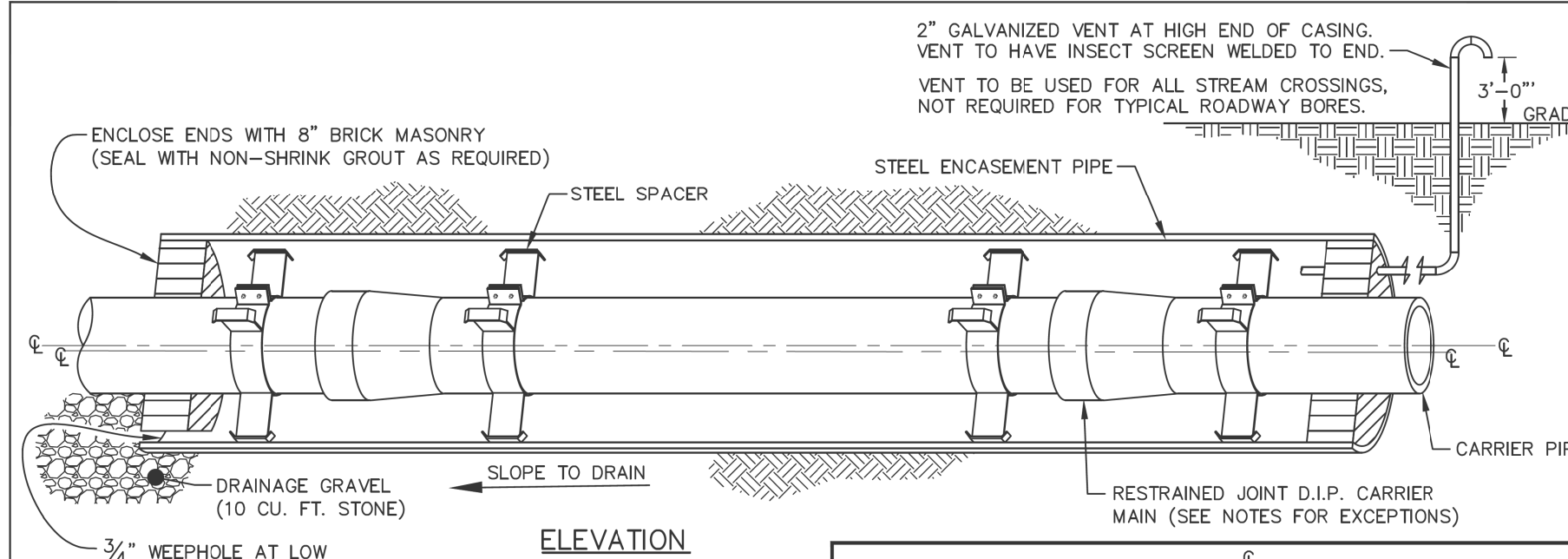
- NOTES:**
- ALL PAVEMENT CUTS SHALL BE REPAIRED WITHIN A MAXIMUM OF THREE (3) DAYS FROM THE DATE THE CUT IS MADE.
 - CONCRETE TRENCH CAP ON ASPHALT STREETS SHALL BE USED ONLY DURING INCLEMENT WEATHER WHEN ASPHALT PLANTS ARE NOT OPERATING.
 - IN ALL OPEN TRENCHES, BACKFILL SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING COMPACTION REQUIREMENTS BY SOILS TESTING CERTIFIED BY A LICENSED PROFESSIONAL GEOTECHNICAL ENGINEER.
 - 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.
 - 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-02-002

EFFECTIVE: 4/11/22



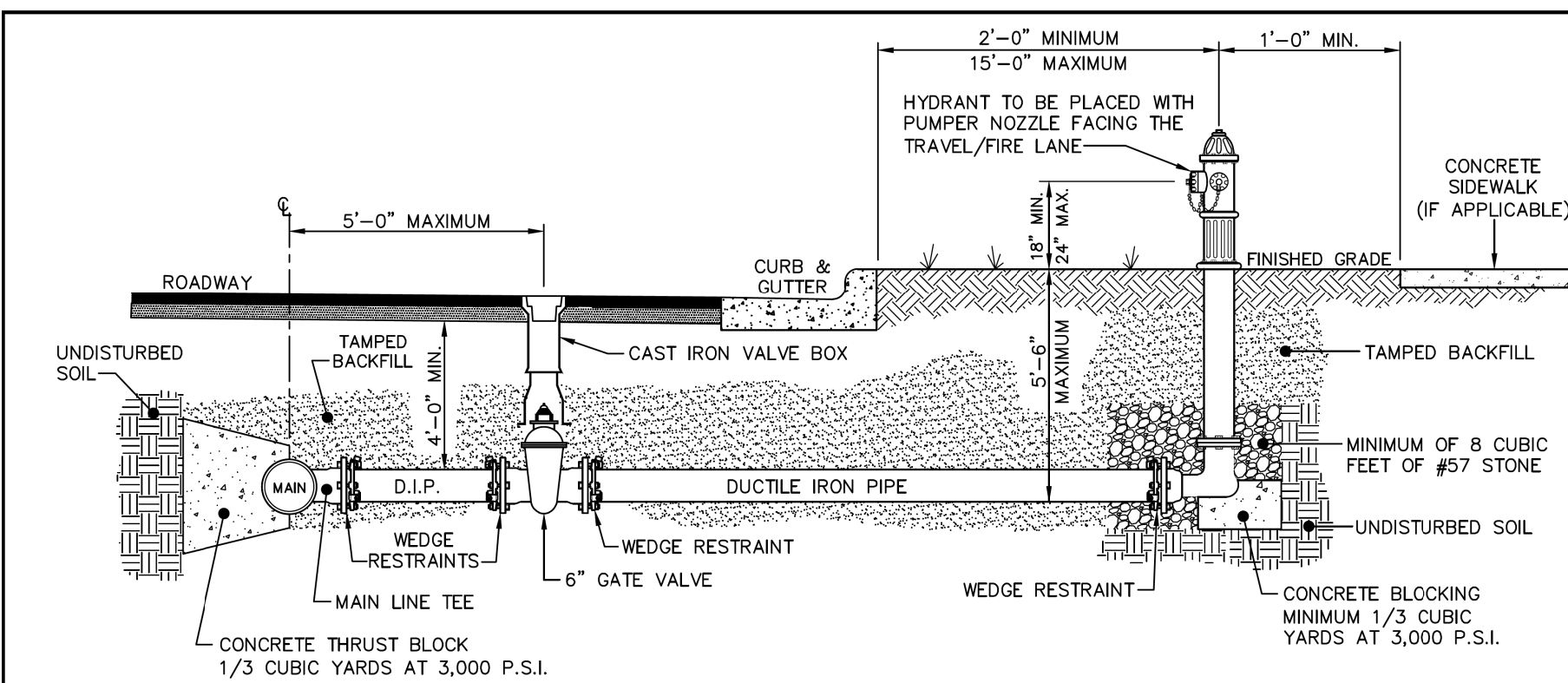
- NOTES:**
- STEEL SPACERS SHALL BE USED FOR SUPPORT OF THE CARRIER PIPE WITHIN THE CASING PIPE.
 - A MINIMUM SPACING OF 2 SPACERS PER JOINT OF CARRIER PIPE SHALL BE REQUIRED. 3 SPACERS ARE REQUIRED FOR CARRIER PIPE ≥ 36 INCHES.
 - THE SPACERS SHALL BE LOCATED EVENLY ALONG THE CARRIER PIPE SUCH THAT EACH SPACER SUPPORTS THE SAME UNIT WEIGHT OF THE CARRIER MAIN.
 - 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



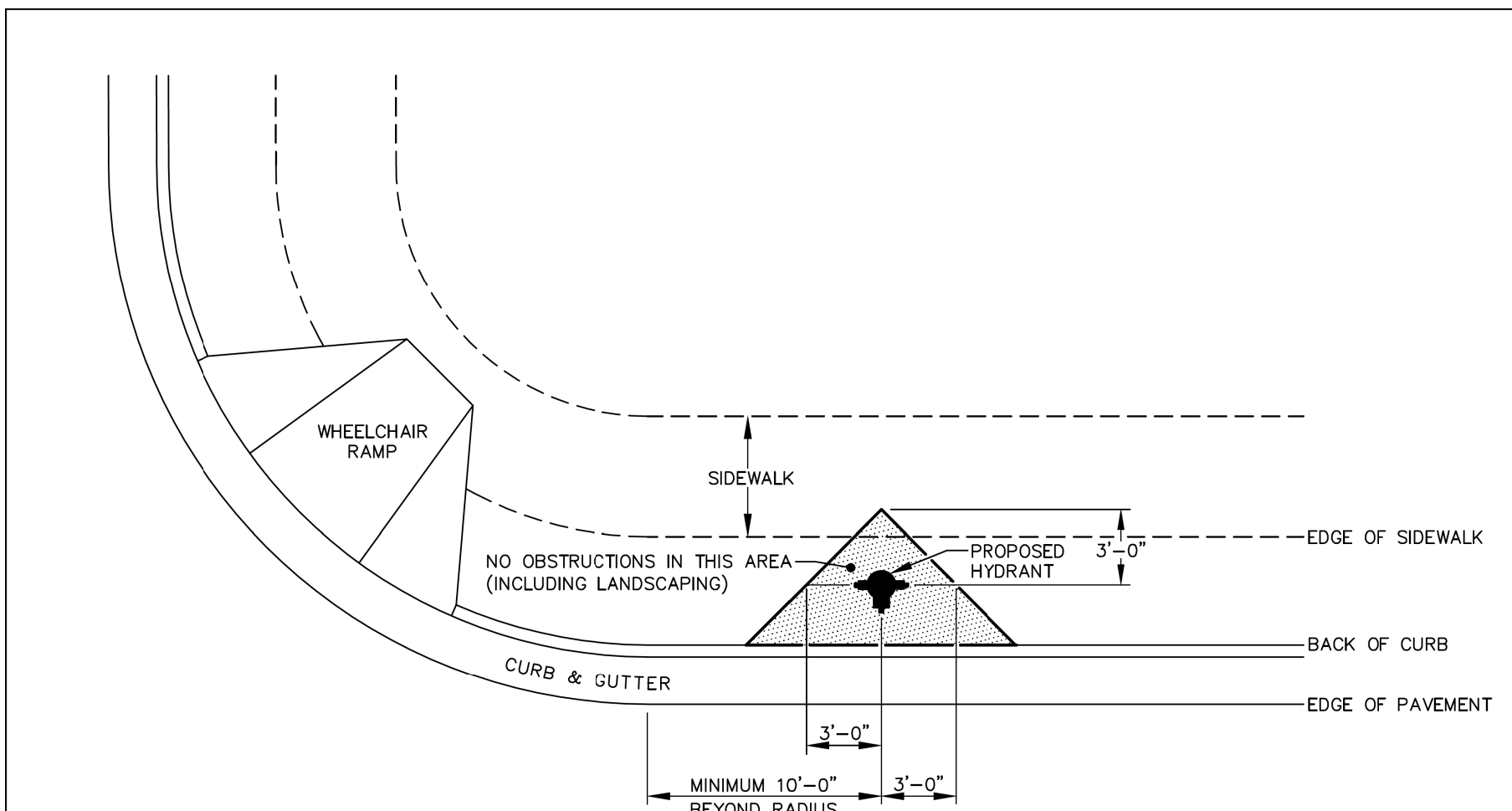
- NOTES:**
- TOP OF BLOCKING TO BE 2 INCHES FROM HYDRANT WEEP HOLES.
 - IF HYDRANT IS LOCATED ON A DEPARTMENT OF TRANSPORTATION ROADWAY USE D.O.T. STANDARDS FOR LOCATION OF HYDRANT.
 - HYDRANT SHALL BE LOCATED FROM 2 TO 15 FEET FROM BACK OF CURB.
 - HYDRANT MAY BE LOCATED (AT LEAST 1 FOOT) BEHIND SIDEWALK WHEN IT CANNOT BE LOCATED INSIDE THE UTILITY STRIP.
 - 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.
 - 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.
 - HYDRANT EXTENSIONS ARE PROHIBITED.
 - 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

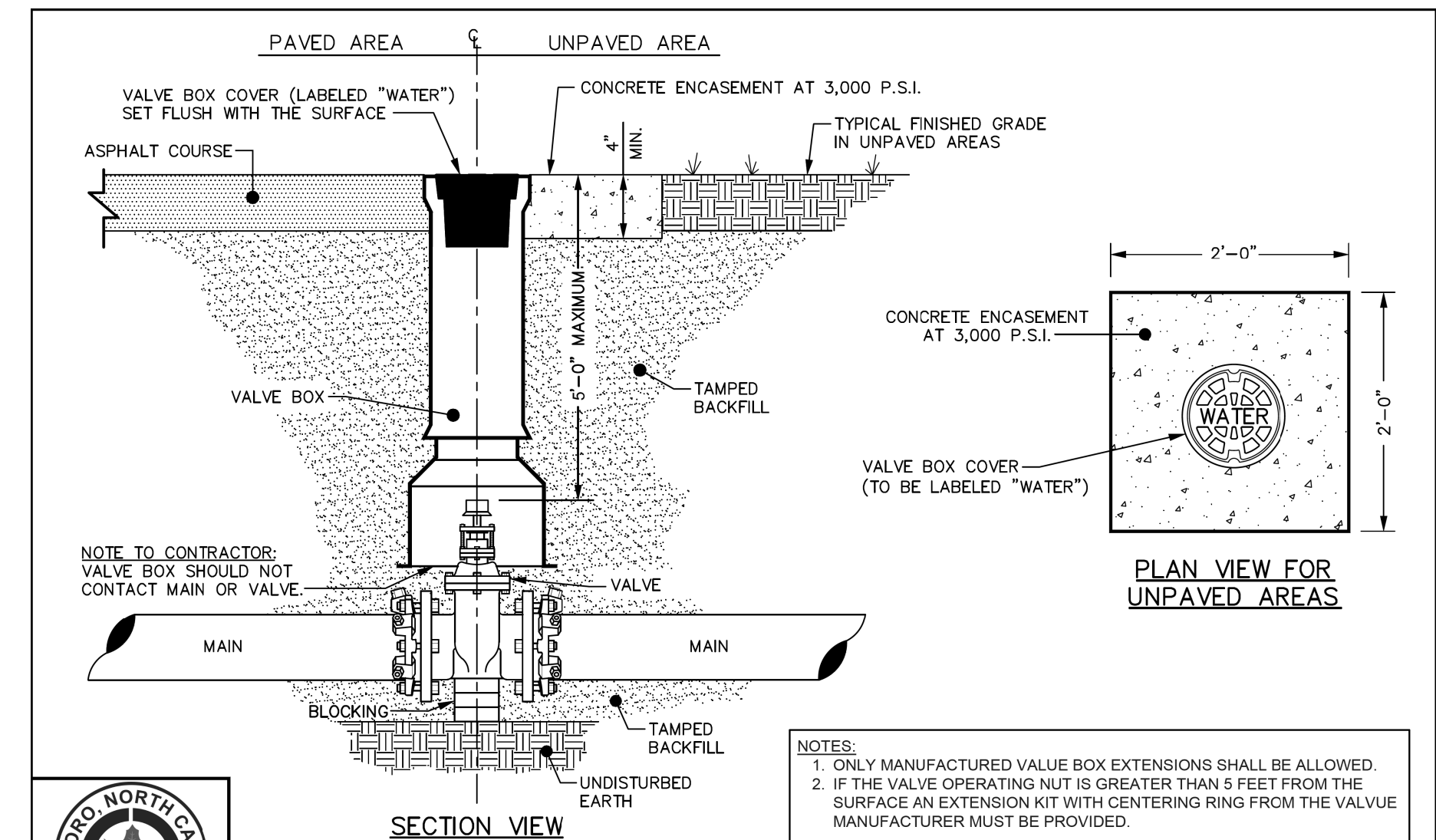
EFFECTIVE: 2/14/22



STANDARD HYDRANT LOCATION

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: PW-03-013

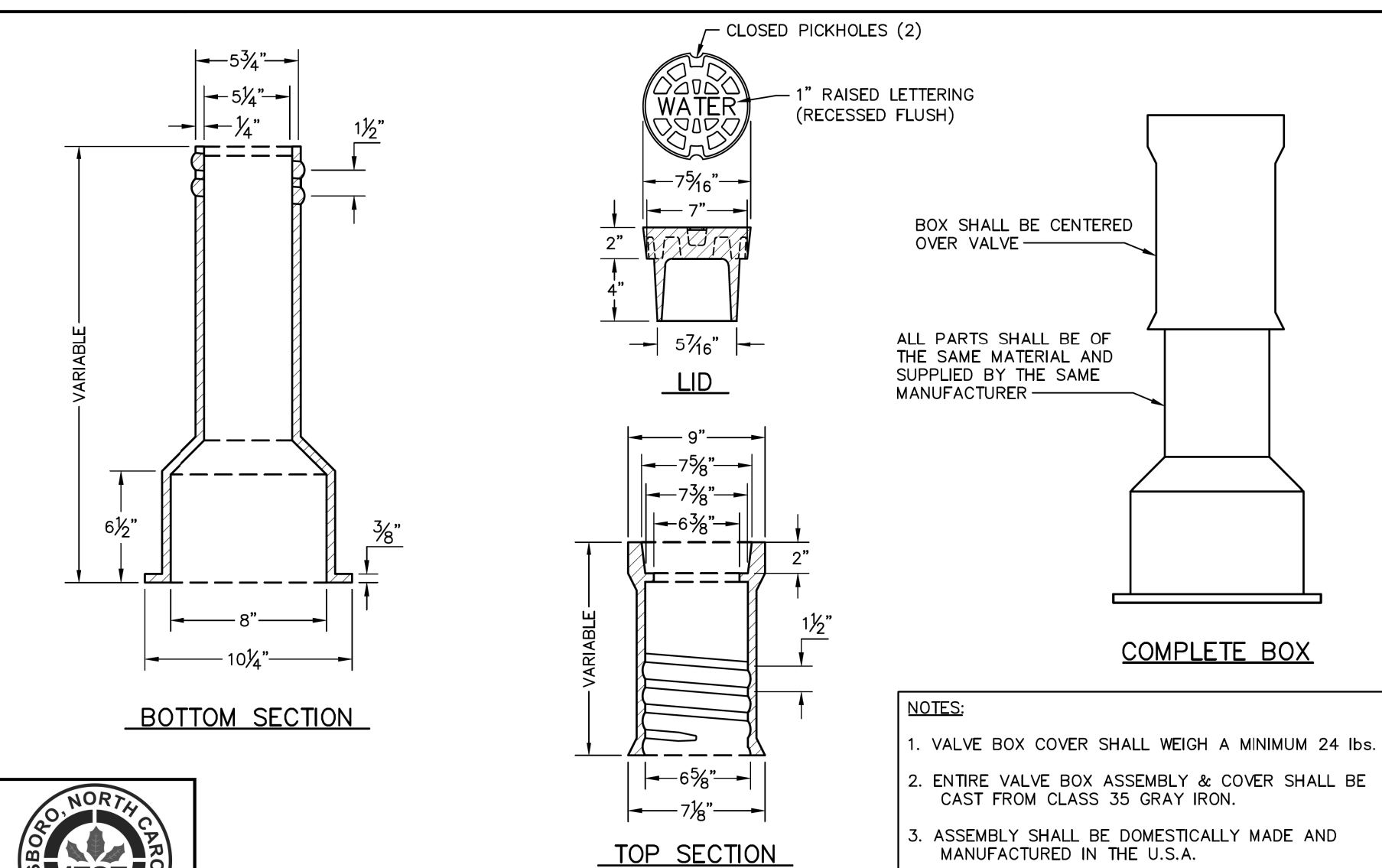
EFFECTIVE: 2/14/22



STANDARD WATER VALVE BOX INSTALLATION (1 of 2)

TOWN OF PITTSBORO
STANDARD CONSTRUCTION
DETAIL
STANDARD NO: PW-03-015

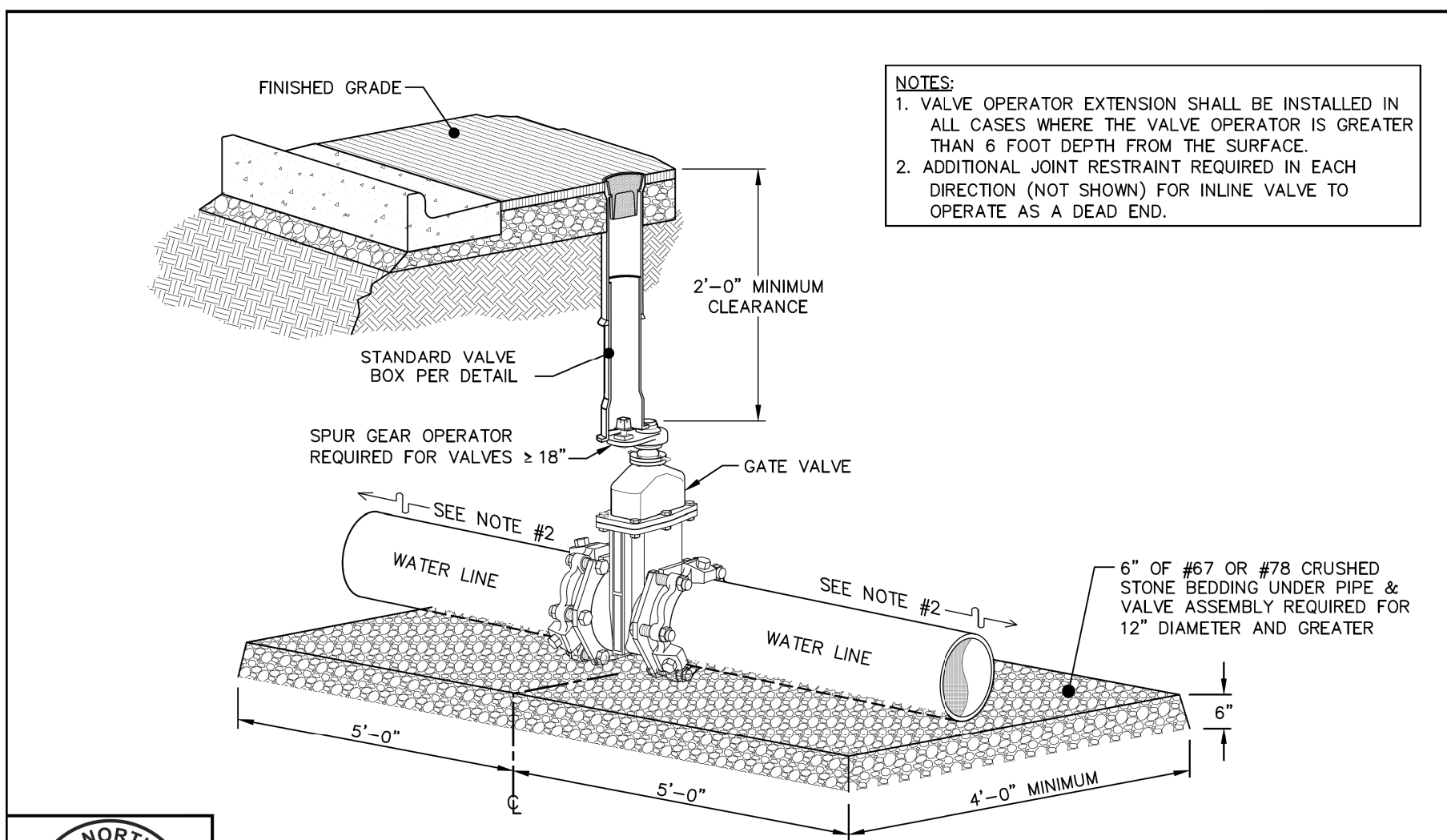
EFFECTIVE: 2/14/22



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