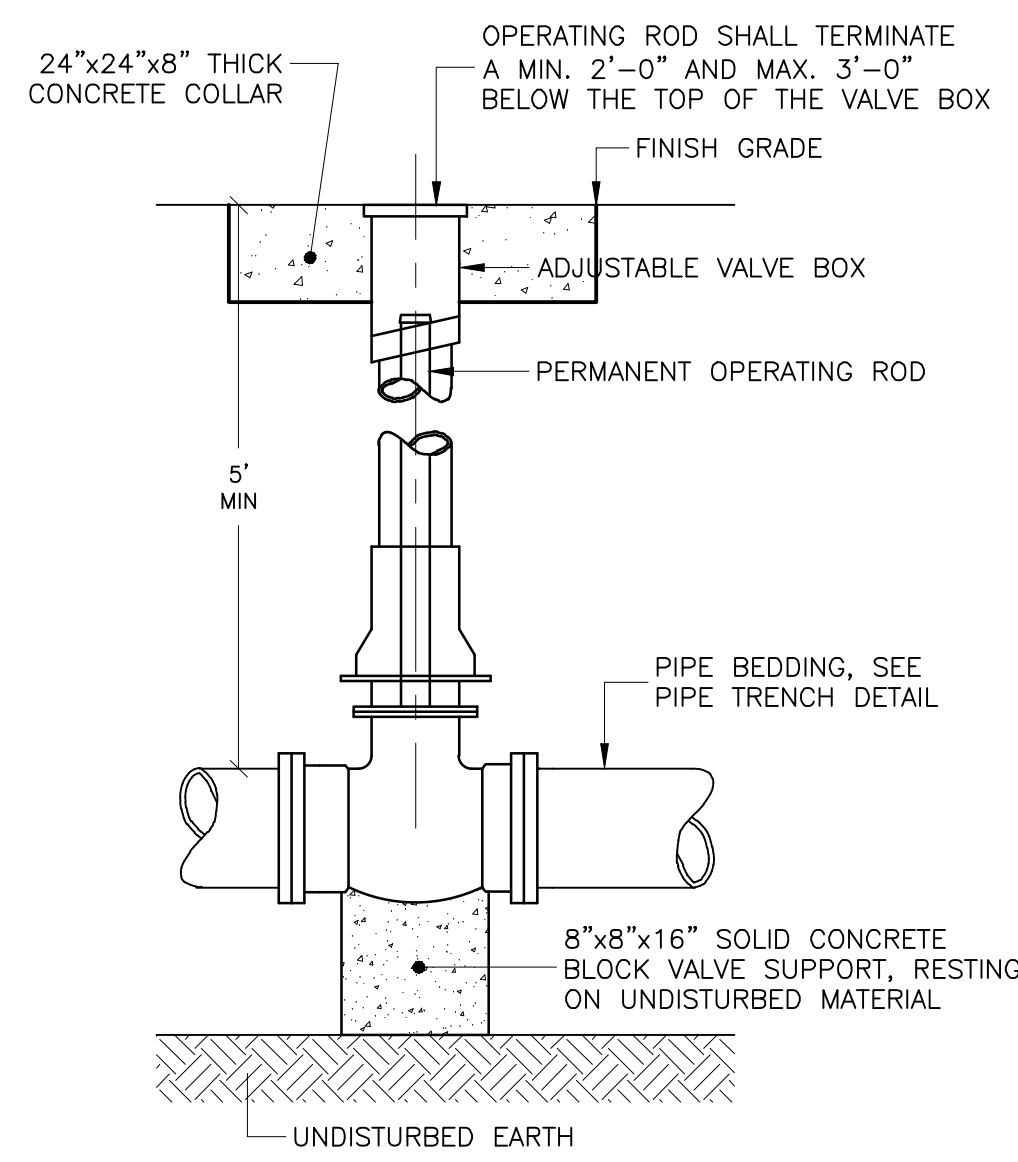
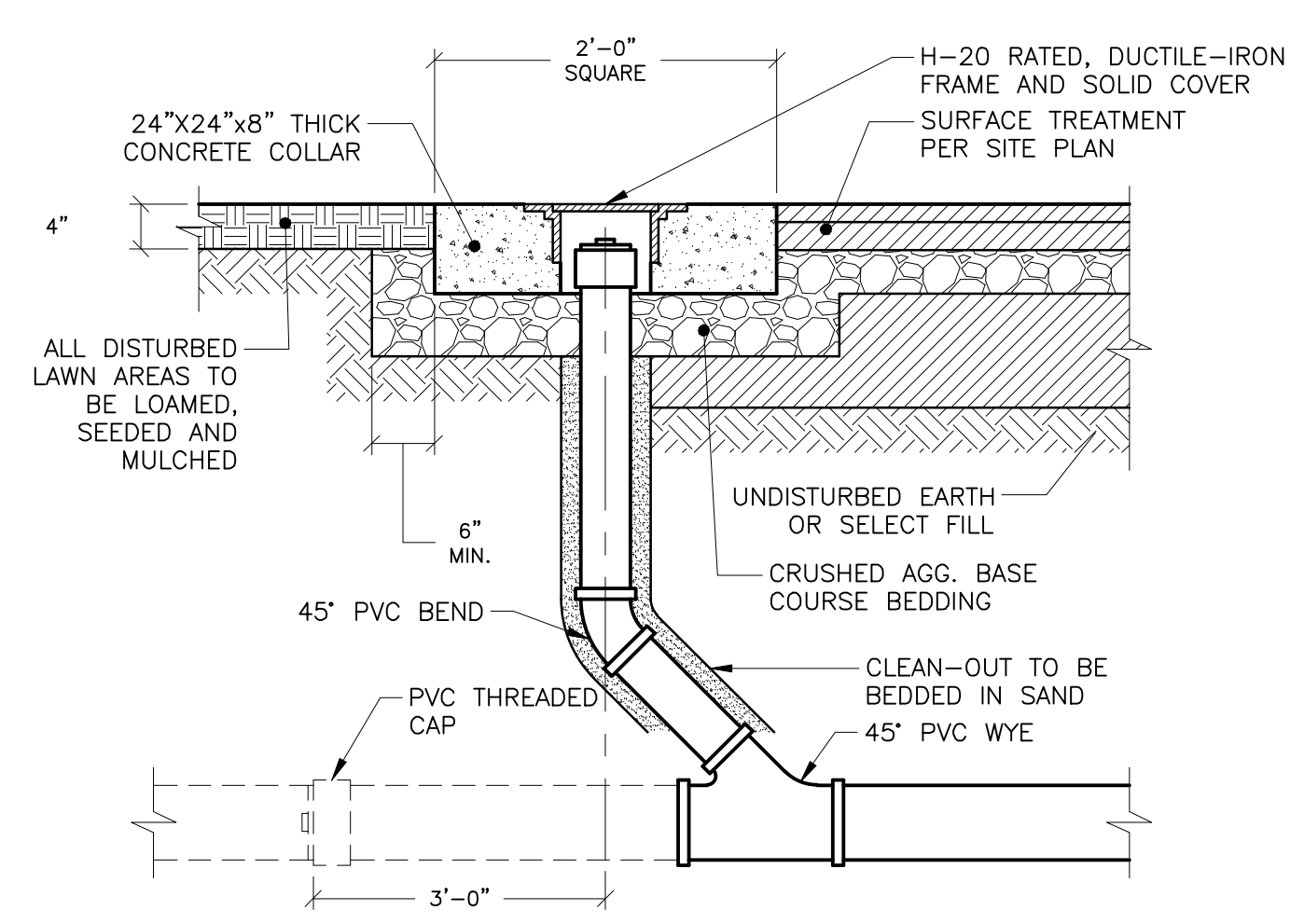


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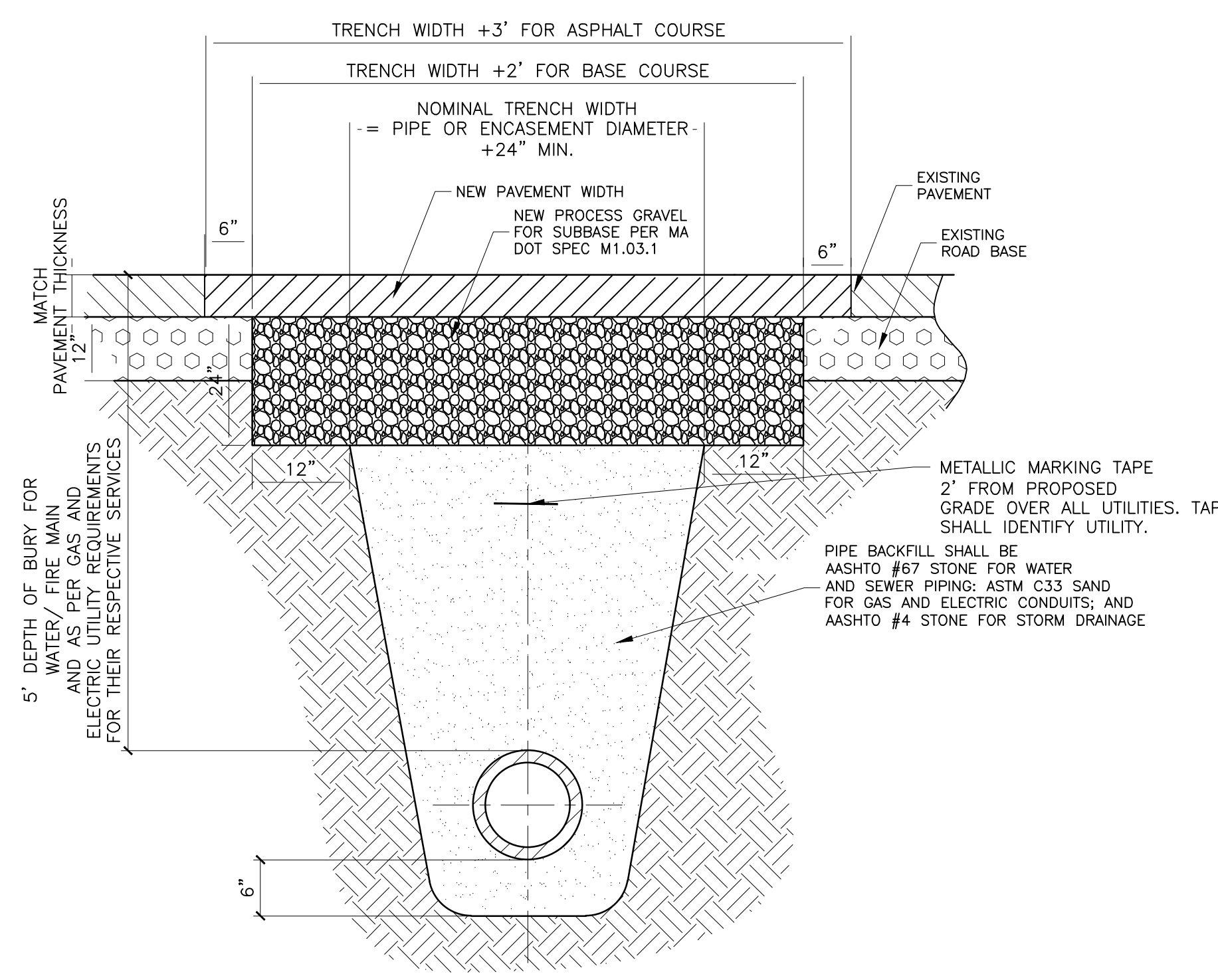


GENERAL NOTES:
 1. ALL PIPE/FITTINGS SHALL BE MECHANICAL JOINT.
 2. WRAP ALL PIPE/FITTINGS IN POLYETHYLENE.

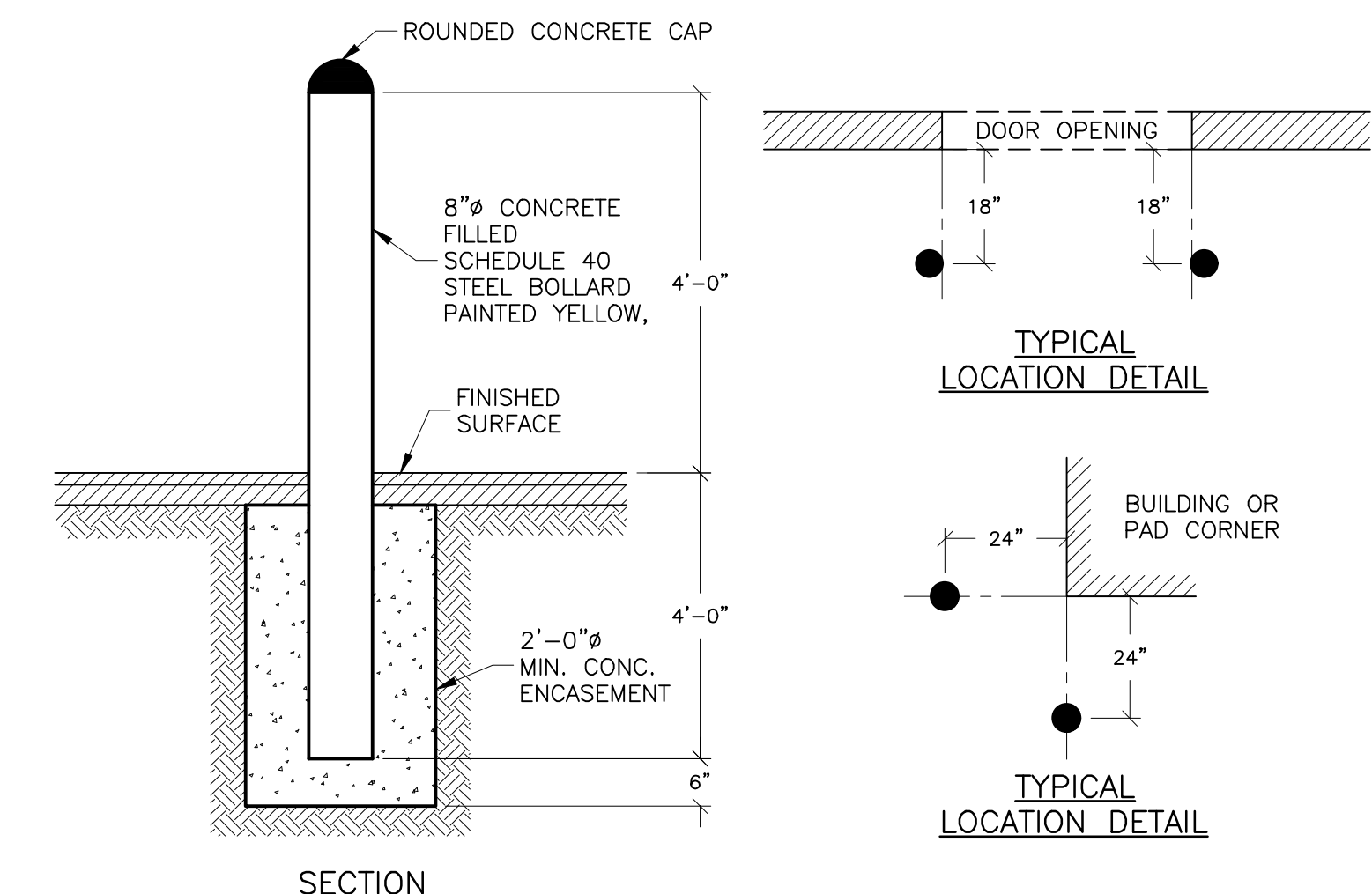
1 STANDARD GATE VALVE
 C2.2 N.T.S.



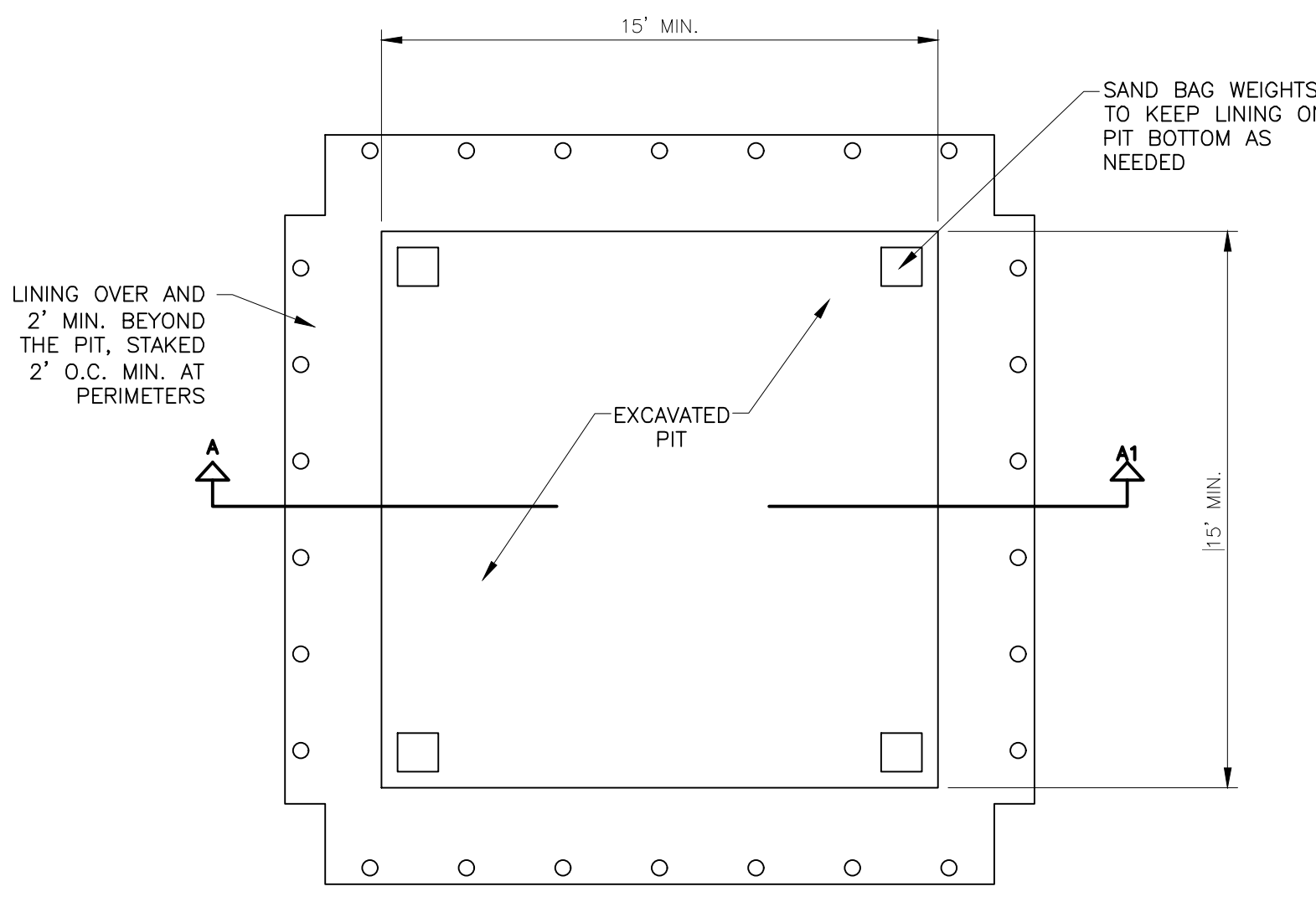
2 CLEAN OUT
 C2.1 N.T.S.



3 TRENCH DETAIL AND ROAD RESTORATION
 C2.1 N.T.S.



4 FIXED STEEL BOLLARD
 C2.1 N.T.S.



NOTES:
SELF-INSTALLED CONCRETE WASHOUT FACILITY
 WASHOUT SHALL BE BUILT BELOW-GRADE TO PREVENT BREACHES AND REDUCE THE LIKELIHOOD OF RUNOFF. WASHOUTS SHALL BE SIZED TO HANDLE SOLIDS, WASH WATER, AND RAINFALL TO PREVENT OVERFLOW. CONCRETE WASHOUT SYSTEMS, INC. (2006) ESTIMATES THAT 7 GALLONS OF WASH WATER ARE USED TO WASH ONE TRUCK CHUTE AND 50 GALLONS ARE USED TO WASH OUT THE HOPPER OF A CONCRETE PUMP TRUCK. THE BELOW-GRADE WASHOUT SHOULD BE AT LEAST 15 FEET WIDE AND 15 FEET LONG AND DEEP ENOUGH SIZED TO CONTAIN ALL LIQUID AND SOLID WASTE YOU EXPECT TO GENERATE IN BETWEEN CLEANOUT PERIODS (CASQA, 2003). INCLUDE A MINIMUM 12-INCH FREEBOARD IN THE SIZING CALCULATIONS. LINE THE PIT WITH PLASTIC SHEETING OF AT LEAST 10-MIL THICKNESS THAT HAS NO HOLES OR TEARS TO PREVENT LEACHING OF LIQUIDS INTO THE GROUND (CASQA, 2003). CONCRETE WASH WATER SHOULD NEVER BE PLACED IN A PIT THAT IS CONNECTED TO THE STORM DRAIN SYSTEM OR THAT DRAINS TO NEARBY WATERWAYS.
 ACCORDING TO CASQA (2003), YOU SHOULD NOT PLACE CONCRETE WASHOUT FACILITIES WITHIN 50 FEET OF STORM DRAINS, OPEN DITCHES, OR WATERBODIES. YOU SHOULD PLACE THEM IN A LOCATION THAT ALLOWS CONVENIENT ACCESS FOR CONCRETE TRUCKS, PREFERABLY NEAR THE AREA WHERE THE CONCRETE IS BEING POURED. APPROPRIATE GRAVEL OR ROCK SHOULD COVER PATHS TO CONCRETE WASHOUT FACILITIES.

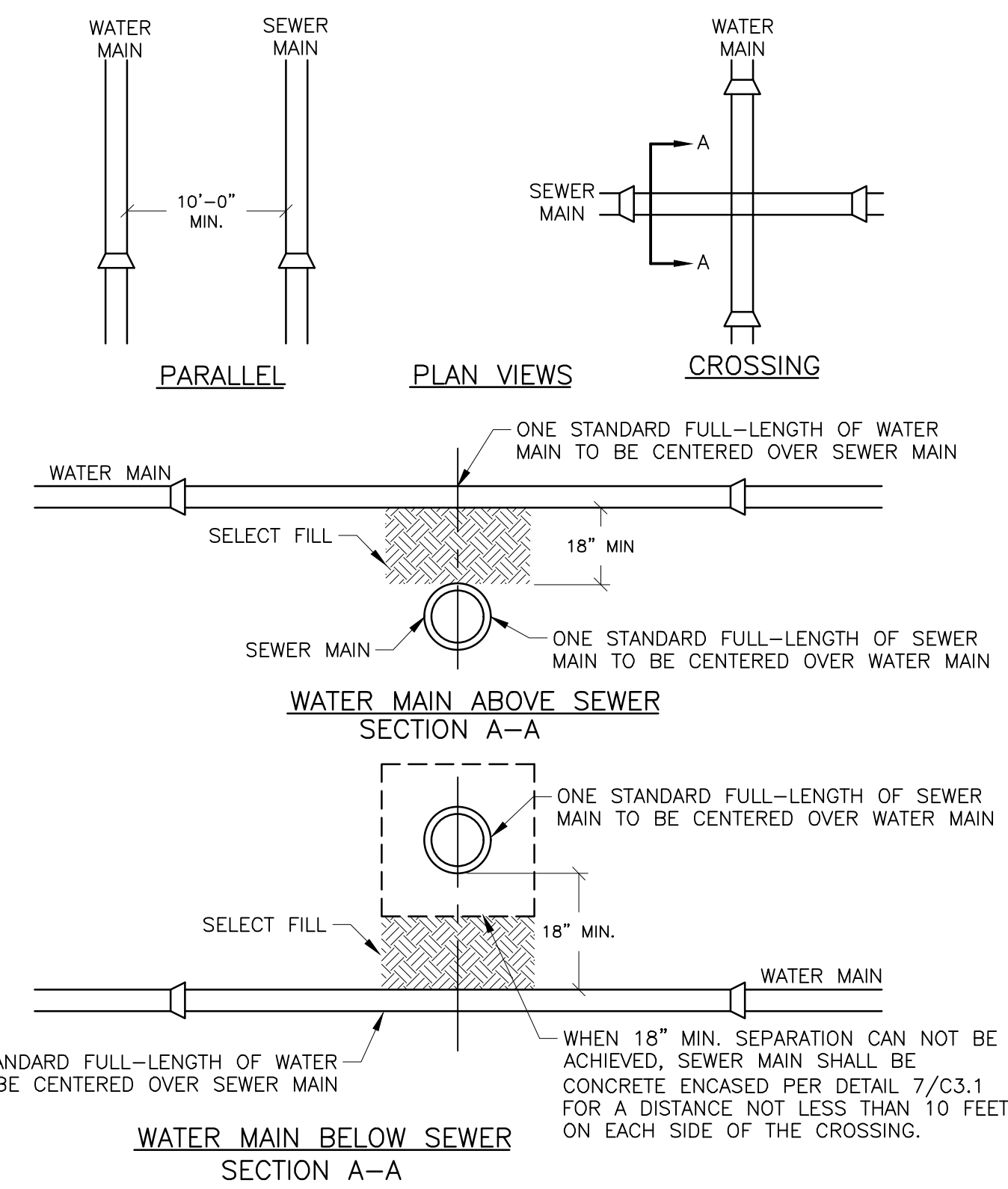
INSPECTION
 CHECK ALL CONCRETE WASHOUT FACILITIES DAILY TO DETERMINE IF THEY HAVE BEEN FILLED TO 75 PERCENT CAPACITY, WHICH IS WHEN MATERIALS NEED TO BE REMOVED. BOTH ABOVE- AND BELOW-GROUND SELF-INSTALLED WASHOUT SHOULD BE INSPECTED DAILY TO ENSURE THAT PLASTIC LININGS ARE INTACT AND SIDEWALLS HAVE NO BEEN DAMAGED BY CONSTRUCTION ACTIVITIES. INSPECTORS SHOULD ALSO NOTE WHETHER THE FACILITIES ARE BEING USED REGULARLY; IF DRIVERS HAVE WASHED OUT THEIR CHUTES OR HOPPERS IN OTHER LOCATIONS, YOU MAY NEED TO PROVIDE MORE EDUCATION, INSTALL ADDITIONAL SIGNAGE, OR PLACE ADDITIONAL WASHOUTS IN MORE CONVENIENT LOCATIONS.

MATERIAL REMOVAL
 CONCRETE WASHOUTS AREA DESIGNED TO PROMOTE EVAPORATION WHERE FEASIBLE. HOWEVER, IF STORED LIQUIDS HAVE NOT EVAPORATED AND THE WASHOUT IS NEARING CAPACITY, VACUUM AND DISPOSE OF THEM IN AN APPROVED MANNER - CHECK WITH THE LOCAL SANITARY SEWER AUTHORITY TO DETERMINE IF THERE ARE SPECIAL DISPOSAL REQUIREMENTS FOR CONCRETE WASH WATER. REMOVE LIQUIDS OR COVER THE STRUCTURES BEFORE PREDICTED RAINSTORMS TO PREVENT OVERFLOWS. COMPANIES THAT OFFER PREFABRICATED AND WATERTIGHT WASHOUT CONTAINERS GENERALLY OFFER A VACUUM SERVICE TO REMOVE THE LIQUID MATERIAL.

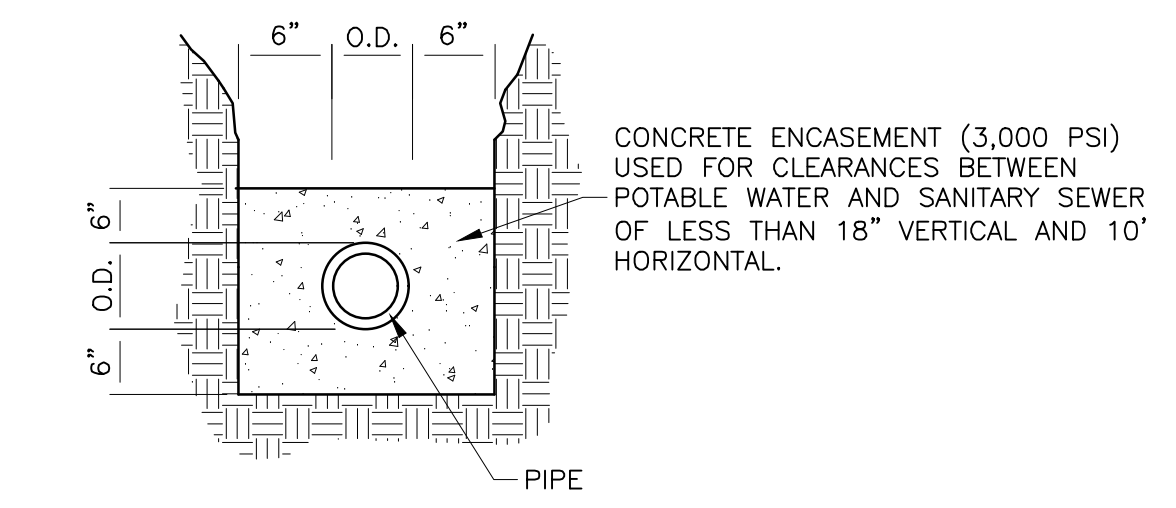
REMOVE HARDENED SOLIDS WHOLE OR BREAK THEM FIRST DEPENDING ON THE TYPE OF EQUIPMENT AVAILABLE AT YOUR SITE. REUSE THE SOLIDS ONSITE OR HAUL THEM AWAY FOR RECYCLING - CRUSHED CONCRETE MAKES EXCELLENT AGGREGATE FOR ROADBEDS AND OTHER BUILDING APPLICATIONS. CHECK YOUR LOCAL RECYCLING AGENCY TO IDENTIFY OPPORTUNITIES FOR CONCRETE RECYCLING.
 WHEN YOU REMOVE MATERIALS FROM THE CONCRETE WASHOUT, BUILD A NEW STRUCTURE OR, IF THE PREVIOUS STRUCTURE IS STILL INTACT, INSPECT THE STRUCTURE FOR SIGNS OF WEAKENING OR DAMAGE AND MAKE ANY NECESSARY REPAIRS. LINE THE STRUCTURE WITH NEW PLASTIC THAT IS FREE OF HOLES OR TEARS AND REPLACE SIGNAGE IF NECESSARY. IT IS VERY IMPORTANT THAT NEW PLASTIC IS USED AFTER EVERY CLEANING BECAUSE PUMPS AND CONCRETE REMOVAL EQUIPMENT CAN DAMAGE THE EXISTING LINER.

EDUCATION FOR CONCRETE SUBCONTRACTORS
 MAKE SITE SUPERINTENDENT AWARE OF THE PRESENCE OF THESE FACILITIES. SITE SUPERINTENDANT SHALL EDUCATE CONCRETE SUBCONTRACTORS, POST SIGNAGE INDICATING THE LOCATION AND DESIGNATED USE OF THESE AREAS, AND PROVIDE CAREFUL OVERSIGHT TO INSPECT FOR EVIDENCE OF IMPROPER DUMPING OF CONCRETE WASTE AND WASH WATER. INCLUDE REQUIREMENTS IN CONTRACTS WITH CONCRETE DELIVERY COMPANIES THAT DRIVERS MUST USE DESIGNATED CONCRETE WASHOUT FACILITIES.
 SEE DRAWINGS CD1.1 FOR CONCRETE (CONC.) WASHOUT LOCATION.

5 CONCRETE WASHOUT FACILITY
 CD1.1 N.T.S.



6 WATER SEWER MAIN SEPARATION
 C2.2 N.T.S.



NOTE:
 SECURE PIPE TO PREVENT HORIZONTAL AND VERTICAL MOVEMENT DURING CONCRETE PLACEMENT AND SETTING.

7 CONCRETE ENCASEMENT
 C3.1 N.T.S.

NO.	DATE	BY	REVISION
0	06/09/20	BAR/AM	SUBMITTED FOR PERMITTING



CLIENT: OLD NEIGHBORHOOD FOODS, INC.
 LYNN, MA
 PROJECT: LOADING DOCK EXPANSION
 DANVERS, MA
 DRAWING TITLE: DETAILS



PROJECT NO.: 2001673
 ISSUED: 06/09/2020
 SCALE: N.T.S.
 DRAWN BY: GAR
 DRAWING NO.

C3.01