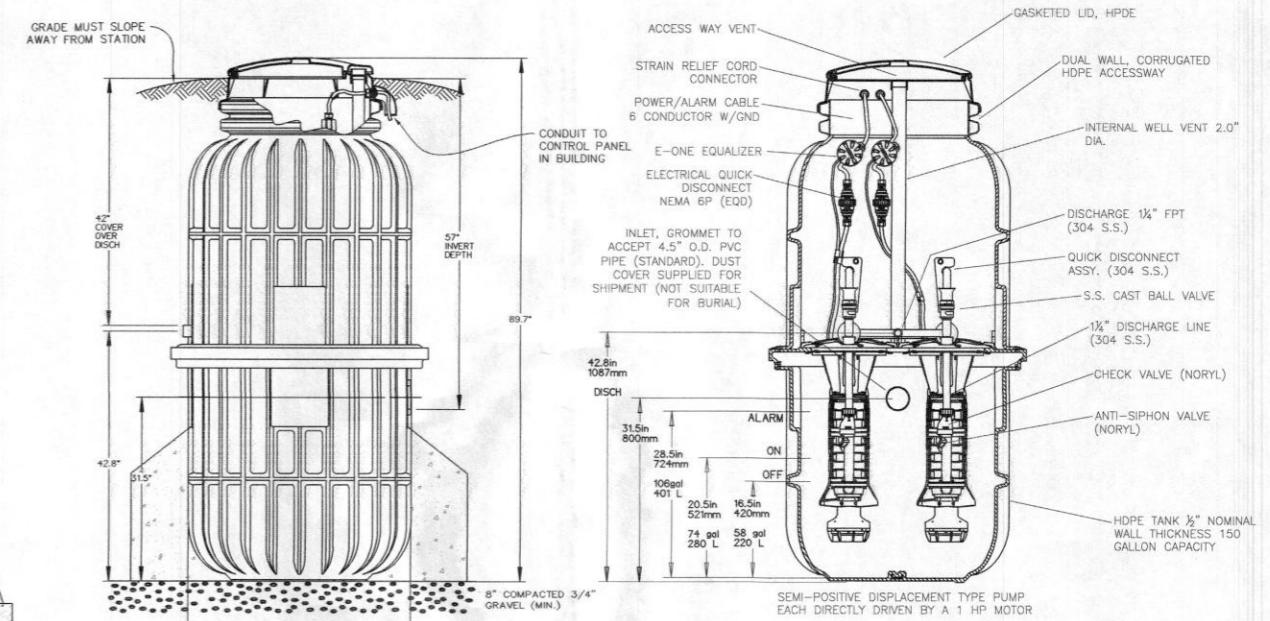
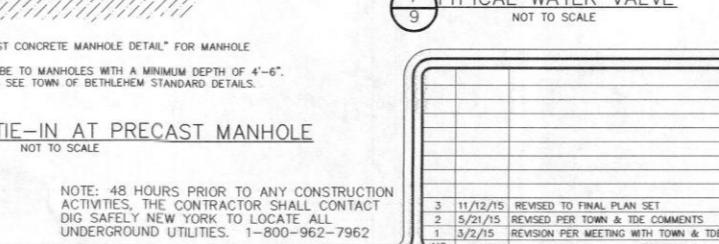
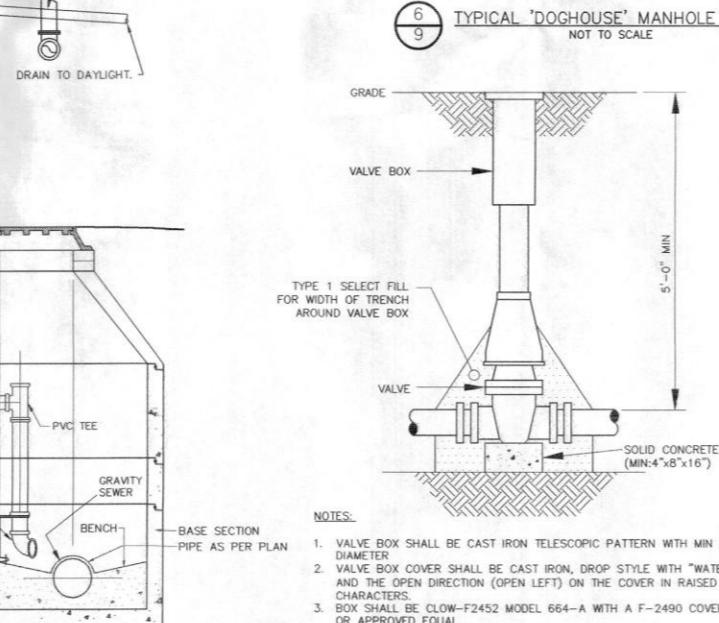
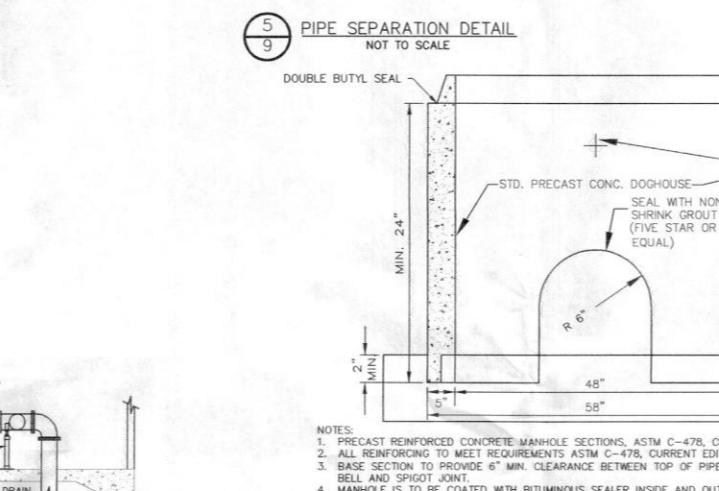


NOTES:

1. WATER MAINS SHALL BE SEPARATED FROM STORM SEWER, SANITARY SEWER, NON-POTABLE IRRIGATION MAINS, AND FORCE MAINS BY A MINIMUM CLEAR VERTICAL DISTANCE OF 18 INCHES MEASURED BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE TOP OF THE LOWER PIPE. ALSO, WATER MAINS SHALL BE SEPARATED FROM STORM SEWER, SANITARY SEWER, AND FORCE MAINS BY 10 FEET AND FROM IRRIGATION MAINS BY 5 FEET MEASURED HORIZONTALLY BETWEEN OUTSIDE OF PIPES.
2. ALL CROSSINGS WITH VERTICAL CLEARANCE LESS THAN 18 INCHES SHALL BE MADE USING THICKNESS CLASS 200 AWWA C-909 DR14, PVC (CLASS 165 AWWA C-905, DR 25 PVC FOR PIPES GREATER THAN 12" IN DIAMETER) OR DUCTILE IRON, PRESSURE CLASS 250 PIPE FOR A HORIZONTAL DISTANCE OF 10 FEET ON EACH SIDE OF THE CROSSING. WATER MAIN CONCRETE ENCASING SHALL ONLY BE MADE AFTER WRITTEN APPROVAL OF THE WATER DIRECTOR OR HIS DESIGNER. (SEPARATION REQUIREMENTS ALSO APPLY TO WATER AND SEWER LATERALS)
3. 18" MIN. CLEAR DISTANCE SHALL NOT BE REDUCED IN CASES WHERE WATER CROSSES UNDER SEWER LINE.
4. WATER MAINS, SANITARY SEWER, STORM SEWER, AND NON-POTABLE IRRIGATION MAINS SHALL BE IN SEPARATE TRENCHES.
5. WATER MAINS CROSSING ANY TYPE OF SANITARY SEWER, INCLUDING FORCE MAIN, OR STORM SEWER SHALL HAVE THE ONE FULL LENGTH OF WATER MAIN CENTERED ABOVE OR BELOW THE OTHER PIPELINE, SO THAT THE WATER JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS.



NOTES:

1. TOP OF COVER TO BE 4" MIN. ABOVE GROUND. GROUND TO SLOPE AWAY FROM STATION TO DIRECT RUN-OFF AWAY FROM THE STATION.
2. CONCRETE BALLAST PROVIDED AS ANTI-BUOYANCY PROVISION IN ACCORDANCE WITH MANUFACTURERS GUIDANCE FOR DETAILS.
3. STATE OF NEW YORK RULES REQUIRE THAT THE PUMP STATION BE CONNECTED TO A STANDBY BACKUP GENERATOR OR TRANSFER SWITCH AT CONTROL PANEL PER SPECIFICATIONS.
4. ALL CONSTRUCTION AND UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE TOWN OF BETHLEHEM STANDARD DETAILS AND SPECIFICATIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THESE TWO DOCUMENTS FOR USE ON THE JOB.
5. ALL PROPOSED FORCE MAIN MAN HOLES SHALL MEET TOWN OF BETHLEHEM STANDARDS.

