



**NOTES:**

1. ALL MATERIALS ON WITHIN THE ABOVE GROUND ENCLOSURE (EXPOSED TO ATMOSPHERE) WILL BE 316 STAINLESS STEEL.
2. AIR RELEASE VALVES TO BE INSTALLED AT HIGH POINTS, OR WHERE AIR WOULD BE ENTRAPPED, ALONG 4 INCH AND LARGER FORCE MAINS.
3. FORCE MAIN VERTICAL ALIGNMENT TO BE DESIGNED SUCH THAT THE MINIMUM NUMBER OF REQUIRED AIR RELEASE VALVES ARE INSTALLED.
4. ALL EXPOSED EDGE OF CONCRETE SHALL BE CHAMFERED 1 INCH IN UNPAVED AREAS.
5. VENT PIPE TO BE LAID ACCURATELY ON SLOPE, WITHOUT HIGH OR LOW POINTS.
6. 2 INCH HDPE DR-9 IS ONLY ACCEPTABLE MATERIAL FOR DISCHARGE PIPE.
7. BINGHAM AND TAYLOR PZOOFG FOR NORMAL YARD SERVICE. WHERE VALVE WILL BE IN STREET OR PARKING UNDER VEHICLE TRAFFIC, USE P525RD CENTERED IN SEPARATE CONCRETE PAD SIMILAR TO STANDARD VALVE BOX PAD.
8. TRACER WIRE TEST STATION BOX IS NOT REQUIRED IN VALVE BOX PAD IF THE GATE VALVE IS LOCATED WITHIN 200 FEET OF A WATER SERVICE, BLOW-OFF, OR FIRE HYDRANT THAT HAS A TRACER WIRE BOX.
  - a. ALL PIPE SHALL REQUIRE AN INSULATED #10 GAUGE COPPER CLAD STEEL CORE LOCATING WIRE (COPPERHEAD OR APPROVED EQUAL).
  - b. LOCATING WIRES TO TERMINATE 4-INCHES ABOVE CONCRETE VALVE PAD AND FOLDED BACK INSIDE 3-INCH TRACER WIRE STATION BOX.
  - c. LOCATING WIRES SHALL BE CAPABLE OF DETECTION BY A CABLE LOCATOR AND PASS A FIELD CONDUCTIVITY TEST THAT IS WITNESSED BY THE COUNTY FROM END TO END OF WIRES.
  - d. SPLICES SHALL BE CAPABLE OF COMPLETE SUBMERSION. SPLICES SHALL USE DRYCONN OR EQUIVALENT.
  - e. NO MORE THAN ONE SPLICE BETWEEN VALVES IS ALLOWED
- \* MAY BE DELETED WITH APPROVAL FROM UTILITIES.
- \*\* BRASS PACK JOINT: 2-INCH CTS WITH STIFFENER (PE) X 2-INCH IPS FEMALE THREAD (SS)
9. ALL AIR RELEASE VALVE COVERS SHALL BE VENTED.

TYPE OF USE	ENCLOSURE PIPE COLOR CODE	A.R.I. MODEL NO.
SEWER	LIGHT PALE GREEN	D-025
RECLAIMED	PANTONE PURPLE 522C	D-025
POTABLE WATER	BLUE	D-040

N.T.S.