

1-1/2" AND 2" SERVICE METER AND PRESSURE REDUCING VALVE VAULT:

- ⑬ REDUCE TO $\frac{3}{4}$ ", CLOSE NIPPLE, $\frac{3}{4}$ " ISOLATION BALL VALVE, NIPPLE, $\frac{3}{4}$ " CLA-VAL MODEL 55F PRESSURE RELIEF VALVE (OR APPROVED EQUAL) SET TO RELEASE AT 100 PSI (OR IRRIGATION SYSTEM OPERATING PRESSURE) SUBMIT FOR APPROVAL, CLOSE NIPPLE, 90° ELBOW POINTED DOWN. PROVIDE PIPE SUPPORT FOR PRESSURE RELIEF VALVE.
- ⑭ REDUCE TO $\frac{1}{2}$ ", CLOSE NIPPLE, $\frac{1}{2}$ " ISOLATION BALL VALVE, CLOSE NIPPLE, 90° ELBOW POINTED DOWN (MANUAL DRAIN).
- ⑮ PIPE SUPPORT.
- ⑯ FIELD BORE VAULT PENETRATIONS FOR EXISTING OR PROPOSED CONDITIONS. INSTALL MODEL "C" LINK-SEAL MODULAR SEAL OR EQUAL. FILL INTERIOR VOID WITH NON-SHRINK GROUT. TYP. BOTH SIDES.
- ⑰ INSTALL QTY. FOUR, 4' X 4' X $\frac{3}{32}$ " METER PIT INSULATING BLANKETS OVER PIPING AND VALVES.
- ⑱ INSTALL 12" CONCRETE COLLAR AROUND VAULT. IN NON-HARDSCAPED AREAS, SET VAULT MINIMUM 6-INCHES ABOVE FINISH GRADE WITH CONCRETE COLLAR SLOPING AWAY FROM VAULT LID TO PREVENT INFLOW.
- ⑲ POINT OF CONNECTION TO IRRIGATION DISTRIBUTION PIPING SYSTEM. PROVIDE FITTINGS AND ADAPTERS AS NECESSARY.
- ⑳ 1-1/2" OR 2" UNION. FOR 1-1/2" SERVICE, USE 1-1/2" X 2" UNION OR REDUCER ON UPSTREAM END.
- ㉑ CONSTRUCT TOP 4" ABOVE FINISHED GRADE IN UNIMPROVED OR LANDSCAPED LOCATIONS. PLACE TOP FLUSH IN HARDSCAPED AREAS. GRADE TO DRAIN AWAY FROM VAULT. INSTALL VAULT IN AN AREA DIRECTLY ACCESSIBLE BY VEHICLES. PROVIDE AN ALL-WEATHER ACCESS SURFACE TO TWO ADJACENT SIDES OF THE VAULT, MINIMUM.
- ㉒ T. CHRISTY ENTERPRISES, MAXI VALVE IDENTIFICATION TAG, ID-MAX-P2-RC006, OR APPROVED EQUAL. TWO SIDED TAG READING "AVISO AGUA IMPURA NO TOMAR" AND "WARNING RECYCLED/RECLAIMED WATER DO NOT DRINK".
- ㉓ 2" EPOXY COATED, IRON BODY, FL X FL, NON-RISING STEM, SOLID WEDGE GATE VALVE, 2" OPERATING NUT, 200 PSI WORKING PRESSURE, MUELLER A-2360 RESILIENT WEDGE GATE VALVE OR APPROVED EQUAL.
- ㉔ 1-1/2" OR 2" STRAIGHT BALL VALVE W/ LOCK WING, MUELLER MODEL 300 OR APPROVED EQUAL.

STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

DRAWING No.



1-1/2" & 2" RECLAIMED
WATER PRV & METER VAULT

S-508C

APPROVED BY: JE | DATE: 1/2020