



MATERIAL TABLE			
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	BRONZE BALL VALVE (THREADED)	7	COPPER PIPE
2	BRONZE UNION	8	STAINLESS STEEL ENCLOSURE
3	BRONZE WYE STRAINER	9	CONCRETE THRUST BLOCK
4	BRONZE PRESSURE REDUCING VALVE	10	5.5" THICK CONCRETE PAD
5	BRONZE 90° ELBOW (THREADED)	11	COPPER FEMALE ADAPTOR
6	BRONZE NIPPLE 3" LONG	12	BRONZE MALE ADAPTOR

**NOTES:**

- ALL ABOVE GROUND PIPING, FITTINGS, & NIPPLES SHALL BE THREADED BRONZE OR TYPE "K" COPPER.
- CONCRETE PAD SHALL CONTAIN #3 BARS SPACED AT 12" O.C. BOTH WAYS.
- COMPONENTS SHALL BE PRIMED AND PAINTED WITH PURPLE EPOXY/URETHANE PAINT, 2 COATS.
- ALL UNDERGROUND CONNECTION TO COPPER PIPE SHALL BE WITH A SCHEDULE 80 PVC NIPPLE.
- UNDERGROUND METALLIC PIPING SHALL BE WRAPPED TWICE WITH 10 MIL PVC TAPE.
- ENCLOSURE SHALL BE STAINLESS STEEL, LOCKING, AND FULLY HINGING TO PROVIDE FULL CLEAR OPEN ACCESS FOR ALL COMPONENTS. ENCLOSURE ANCHORS SHALL BE STAINLESS STEEL.
- TRACER WIRE BOX SHALL CONTAIN LOCKING CAST IRON LID PAINTED PURPLE.
- INSTALL TEST STATION, MASTER VALVE AND FLOW METER IN SEQUENTIAL ORDER IMMEDIATELY DOWNSTREAM OF PRESSURE REDUCING ENCLOSURE.
- MATERIALS SHALL BE SELECTED FROM THE WATER AGENCY STANDARDS APPROVED MATERIALS LIST.

REVISION	APPROVED	DATE	CITY OF SANTEE STANDARD DRAWING	APPROVED:
ORIGINAL	C. SCHMITZ	10/10/2019		
			<b>RECYCLED WATER PRESSURE REDUCING VALVE 3/4 INCH TO 2 INCH</b>	 PRINCIPAL CIVIL ENGINEER R.C.E. 60112 DATE: 10/10/2019