



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, 1 FT <sup>3</sup>
4	BRONZE MALE ADAPTOR	10	5.5" THICK CONCRETE PAD
5	BRONZE 90° ELBOW (THREADED)	11	ADJUSTABLE SUPPORT STAND
6	BRONZE 3" LONG NIPPLE	12	REDUCED PRESSURE BACKFLOW DEVICE

**NOTES:**

1. ALL ABOVE GROUND PIPING, FITTINGS, & NIPPLES SHALL BE THREADED BRONZE OR TYPE "K" COPPER.
2. CONCRETE PAD SHALL CONTAIN #3 BARS SPACED AT 12" O.C BOTH WAYS.
3. COMPONENTS SHALL BE PRIMED AND PAINTED PURPLE WITH EPOXY/URETHANE PAINT, 2 COATS.
4. WHEN SYSTEM PRESSURE EXCEEDS 90 PSI THE WYE STRAINER SHALL BE SUBSTITUTED WITH A BRASS PRESSURE REDUCING VALVE WITH INTEGRAL STAINLESS STEEL STRAINER.
5. ALL UNDERGROUND CONNECTIONS TO COPPER PIPE SHALL BE WITH A SCHEDULE 80 PVC NIPPLE TO COPPER FEMALE ADAPTOR.
6. ENCLOSURE SHALL BE STAINLESS STEEL, LOCKING, AND FULLY HINGING TO PROVIDE FULL CLEAR OPEN ACCESS FOR ALL COMPONENTS. ENCLOSURE ANCHORS SHALL BE STAINLESS STEEL.
7. TRACER WIRE BOX SHALL CONTAIN LOCKING CAST IRON LID PAINTED PURPLE.
8. INSTALL TEST STATION, MASTER VALVE AND FLOW METER IN SEQUENTIAL ORDER IMMEDIATELY DOWN STREAM OF BACKFLOW ENCLOSURE.
9. MATERIALS SHALL BE SELECTED FROM THE WATER AGENCY STANDARDS APPROVED MATERIALS LIST.

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