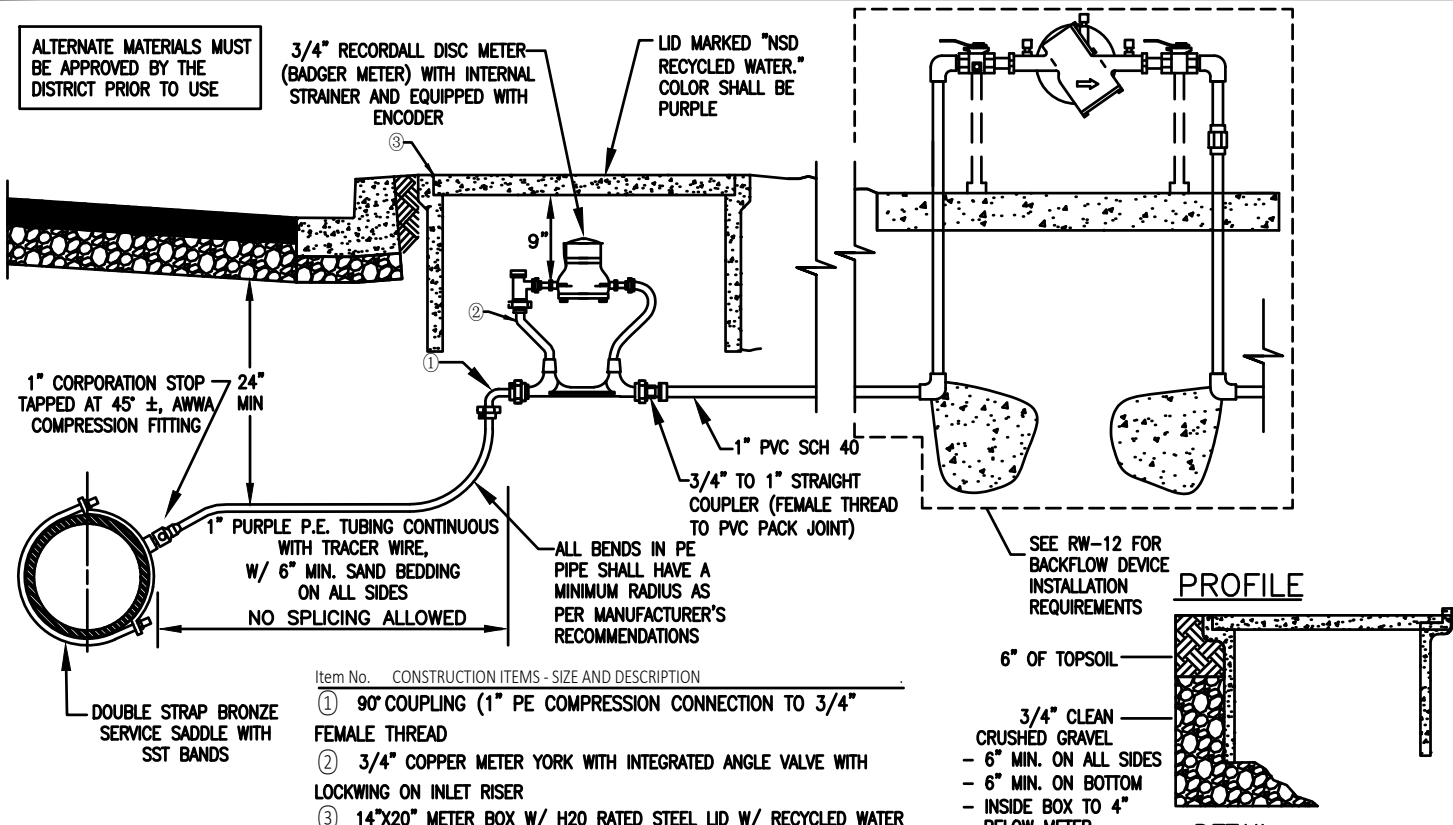


ALTERNATE MATERIALS MUST BE APPROVED BY THE DISTRICT PRIOR TO USE



Item No.	CONSTRUCTION ITEMS - SIZE AND DESCRIPTION
①	90° COUPLING (1" PE COMPRESSION CONNECTION TO 3/4" FEMALE THREAD)
②	3/4" COPPER METER YOLK WITH INTEGRATED ANGLE VALVE WITH LOCKWING ON INLET RISER
③	14"x20" METER BOX W/ H2O RATED STEEL LID W/ RECYCLED WATER INSCRIBED. LID EQUIPPED WITH HINGED READING LID.

NOTES

- CURB ADJACENT SIDEWALK: INSTALL VALVE AND METER AT CURB AS SHOWN. INSTALL BACKFLOW DEVICE BEHIND SIDEWALK.
- APPROVED BACKFLOW PREVENTION DEVICES WILL BE REQUIRED PER VOLUME III SECTION 7.
- METER BOX AND SERVICE LINE SHALL BE INSTALLED OUTSIDE OF DRIVEWAY, DRIVEWAY APPROACHES, AND OTHER VEHICULAR ACCESS WAYS.
- SERVICE SHALL BE INSTALLED A MINIMUM OF 24" FROM ANY TAP, BELL, FITTING, OR OTHER SERVICE.
- RECYCLED WATER METERS SHALL BE SET PRIOR TO ANY USE OF RECYCLED WATER SERVICE. USE OF JUMPERS, HOSE BIBS, OR OTHER DEVICES SHALL NOT BE PERMITTED.
- METERS SHALL BE PLACED A MINIMUM OF 3' FROM ANY OBSTRUCTION (SIGN POST, MAIL BOX, FENCES, WALLS, ETC.). NO TREES SHALL BE PLANTED WITHIN 10' OR LARGE SHRUBS WITHIN 5' OF THE METER BOX. SEE STANDARDS FOR ADDITIONAL REQUIREMENTS.
- WHEN TWO OR MORE NEW SERVICES ARE INSTALLED CLOSE TOGETHER, PERMANENT ADDRESS TAGS SHALL BE INSTALLED ON EACH METER SETTER SPECIFYING THE ADDRESS IT WILL BE SERVING. ADDRESS TAGS SHALL BE STAMPED METAL OR PLASTIC TAGS, AND SHALL BE INSTALLED PRIOR TO INSTALLATION OF RECYCLED WATER METERS.
- SERVICES SHALL BE SIZED APPROPRIATELY FOR THE INTENDED USE OF THE SERVICE. DISTRICT MAY REQUEST AN ENGINEERED ANALYSIS OF THE SYSTEM (NEW OR EXISTING) TO EVALUATE THE APPROPRIATENESS OF THE RECYCLED WATER SERVICE SIZE. NO UNDERSIZED WATER SERVICES SHALL BE PERMITTED.
- METER SHALL BE PURCHASED THROUGH METER VALVE AND CONTROL WITH SETTING APPROPRIATE FOR THE MST RW AREA (DRIVE-BY READING). A THROUGH THE LID (TTL) ANTENNAE SHALL BE INSTALLED CONNECTING TO THE METER'S ENCODER RECEIVER TRANSMITTER (ERT). INCLUDE OPTIONAL SST CABLE ARMOR. AN ISOLATION VALVE SHALL BE INSTALLED DIRECTLY DOWNSTREAM OF THE METER. METER TO INCLUDE INTERNAL STRAINER.
- #10 AWG SOLID COPPER THHN-THHN WIRE TO BE CONNECTED AT ALL SPLICES WITH SILICONE FILLED DIRECT BURIED WIRE NUTS. EXTEND TRACER WIRE TO METER BOX.
- PAINT BOX INTERIOR, EXTERIOR AND EXPOSED PIPING PURPLE (PANTONE 512C).
- NO SPLICES WILL BE PERMITTED BETWEEN CORPORATION STOP AND ANGLE METER STOP. IF SERVICE RUN EXCEEDS 20 FEET, A SILVER SOLDER COUPLING SHALL BE USED.

NAPA SANITATION DISTRICT



TITLE
1" RECYCLED WATER SERVICE LATERAL FOR 3/4" METERS

DATE: JUN 2021
 CHECKED BY: SK
 APPROVED BY: AD
 SCALE: NONE

DRAWING NO.
RW-8