

***NOTE TO DESIGNERS: ADD NOTES TO ALL SETS OF PLANS WITH RECYCLED WATER IMPROVEMENTS**

RECYCLED WATER LINE NOTES

1. ALL RECYCLED WATER LINE WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NAPA SANITATION DISTRICT RECYCLED WATER STANDARDS.
2. CONTRACTOR SHALL CONTACT THE NAPA SANITATION DISTRICT INSPECTOR 48 HOURS IN ADVANCE FOR INSPECTION AND VERIFICATION THAT THE SYSTEM HAS BEEN INSTALLED ACCORDINGLY PRIOR TO BACKFILLING PIPE.
3. **BASIC PIPING SEPARATION:** 10'-0" OF UNDISTURBED SOIL MUST EXIST BETWEEN DOMESTIC WATER AND RECYCLED WATER PIPING. LESS THAN THE BASIC SEPARATION IS ALLOWED ONLY IF NO OTHER ALTERNATIVES ARE AVAILABLE WITH PRIOR APPROVAL BY NAPA SANITATION DISTRICT AND THE POTABLE WATER SUPPLIER TO THE SITE.
4. **CROSSINGS:** IF RECYCLED WATER AND DOMESTIC WATER LINES CROSS, IT IS REQUIRED THAT SUCH CROSSINGS BE MADE PERPENDICULAR TO EACH OTHER. SEE ALSO NOTE 9.
5. **PIPE AND DIG IN PROTECTION:** ALL RECYCLED WATER PIPING INCLUDING LATERALS, SHALL BE PURPLE IN COLOR AND MARKED "RECYCLED WATER". ALL CONSTANT PRESSURE RECYCLED WATER PIPING SHALL ALSO HAVE METALLIC DIG IN PROTECTION TAPE INSTALLED IN THE TRENCH, AS SHOWN ON RW-4. TAPE SHALL BE PLACED WITH PRINTED SIDE UP.
6. **DEPTH OF RECYCLED WATER PIPING:** FOR ON-SITE RECYCLED WATER PIPING, THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS AS FOLLOWS:
 - A. ALL LINES IN STREET AREAS = 48" DEPTH
 - B. CONSTANT PRESSURE LINES 3" & LARGER= 24" DEPTH
 - C. CONSTANT PRESSURE LINES 2.5" & SMALLER= 18" DEPTH
 - D. INTERMITTENT PRESSURE LINES= 12" DEPTH
7. **PIPE MATERIAL:** RECYCLED WATERLINE 4" AND LARGER SHALL BE PURPLE SCHEDULE C900 CL165 PVC OR DUCTILE IRON AND MARKED "RECYCLED WATER". ALL LINES SMALLER THAN 4" SHALL BE PURPLE SCHEDULE 40 PVC AND MARKED "RECYCLED WATER".
8. ALL VALVES, VALVE BOXES, A.V.'S, ETC., SHALL BE PAINTED PURPLE (PANTONE 512) INSIDE AND OUT. ALL LIDS SHALL BE MARKED "RECYCLED WATER".
9. WHERE CONFLICTS IN VERTICAL ALIGNMENTS OF UNDERGROUND UTILITIES ARISE, THE CONTRACTOR WILL LOWER THE RECYCLED WATER TO CROSS UNDER THE CONFLICTING UTILITY OR OVER THE CONFLICTING SANITARY SEWER. MAINTAIN A MINIMUM 12" CLEARANCE BETWEEN CROSSING UTILITIES.

RECYCLED WATER LINE TESTING

1. NEW INSTALLATION TO BE PRESSURE TESTED TO A MINIMUM OF 150 PSI FOR 2 HOURS PRIOR TO CONNECTION TO EXISTING FACILITIES. FOR ADDITIONAL TESTING INFORMATION SEE SECTION 5 OF DISTRICT STANDARDS.
2. TIE-IN TO EXISTING FACILITIES TO BE VISUALLY INSPECTED FOR LEAKS UNDER LINE PRESSURES FOR 30 MINUTES.
3. ALL TESTING TO BE APPROVED BY THE NAPA SANITATION DISTRICT.

NAPA SANITATION DISTRICT



TITLE RECYCLED WATER NOTES	DATE: JAN 2016	DRAWING NO. RW-17
	CHECKED BY: AD	
	APPROVED BY: TH	
	SCALE: NONE	