

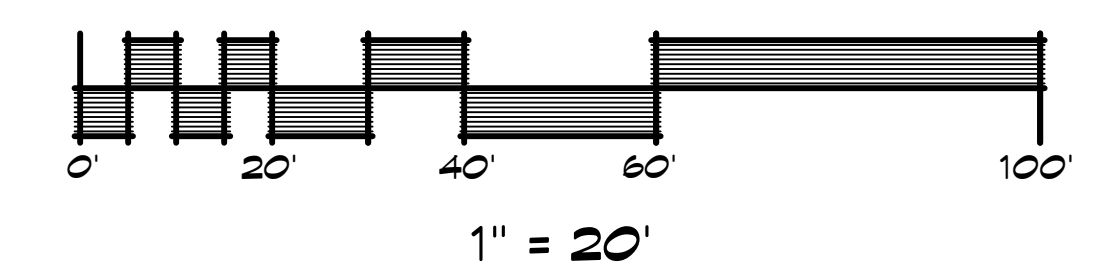
FUEL MODIFICATION LEGEND	
	ZONE A - 20'
	ZONE B - 150'
	ZONE C - 50'

LEGEND	
	WATER METER DEDICATED TO IRRIGATION
	BACKFLOW PREVENTER IN VANDAL-RESISTANT ENCLOSURE
	POINT OF CONNECTION EQUIPMENT IN PLASTIC VAULT
	PVC MAIN LINE (BURIED)
	REMOTE CONTROL VALVE
	UV-RESISTANT PVC LATERAL LINE (ON GRADE)
	LOW-ANGLE ROTOR SPRINKLER HEAD
	PART-CIRCLE ROTOR SPRINKLER HEAD
	FULL-CIRCLE ROTOR SPRINKLER HEAD
	QUICK-COUPLING VALVE FOR SUPPLEMENTAL WATERING

NOTES

- FUEL MOD. IRRIGATION WILL BE DESIGNED AND INSTALLED TO COMPLY WITH COUNTY OF ORANGE ORDINANCE NO. 09-010 - "LANDSCAPE IRRIGATION CODE".
- FUEL MODIFICATION ZONE B EXTENDS A MINIMUM OF 150 FT. FROM ZONE A, AND SHALL BE CLEARED OF ALL UNDESIRABLE PLANT SPECIES, IRRIGATED, AND PLANTED WITH SPECIES FROM THE OCFA APPROVED PLANT LIST.
- A TYPICAL IRRIGATION SYSTEM FOR FUEL MOD. ZONE B WILL CONSIST OF A DEDICATED 2" POTABLE WATER SERVICE, BURIED PVC MAIN LINES, ELECTRIC CONTROL VALVES, AND UV-RESISTANT PVC LATERAL LINES INSTALLED ON GRADE.
- OVERHEAD SPRAY ROTOR SPRINKLER HEADS WILL BE USED WHEREVER POSSIBLE TO EFFICIENTLY AND EFFECTIVELY IRRIGATE THE FUEL MOD. PLANTING.
- IRRIGATION ZONES WATERING OVER THE IRRIGATION FIELDS WILL BE SEPARATED FROM THE ZONES WATERING THE REST OF FUEL MOD. ZONE B. THIS WILL ALLOW THESE ZONES TO BE SEPARATELY SCHEDULED TO COMPENSATE FOR THE TREATED EFFLUENT IRRIGATION AND THE HIGHER WATER REQUIREMENT PLANTS USED IN THE DISPERSAL FIELD AREAS. THIS SEPARATION WILL ALSO ALLOW FOR PERIODIC LEACHING OF SALTS IN THE IRRIGATION FIELDS, WHICH RESULT FROM BOTH THE USE OF TREATED EFFLUENT WATER AND SUBSURFACE DRIP IRRIGATION TECHNOLOGY.
- IRRIGATION ZONES WILL BE FURTHER DIVIDED INTO SOUTH/WEST AND NORTH/EAST SOLAR EXPOSURES TO ACCOMMODATE THEIR DIFFERING WATER NEEDS.
- THE OVERHEAD SPRAY SYSTEM VALVES WILL BE CONNECTED TO A CONTROLLER SEPARATE FROM THE DISPERSAL FIELD CONTROLLERS. THE OVERHEAD SPRAY SYSTEM CONTROLLER WILL BE MANAGED BY THE H.O.A.'S LANDSCAPE MAINTENANCE CONTRACTOR.
- A TYPICAL IRRIGATION ZONE WILL RUN AT 50-60 GALLONS-PER-MINUTE AND HAVE A PRECIPITATION RATE OF 0.50"-1.50" OF WATER PER HOUR.

TYPICAL FUEL MOD. IRRIGATION



THE PRESERVE

ORANGE & RIVERSIDE COUNTIES, CALIFORNIA

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WATER REUSE STUDY

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