

RCTD - Detail Listing

Detail Section	Sub Section	Detail Designation	Detail Name	LMD Std.	Manufacturer	LMD Product
Planting	Plant Material	P-001	Tree on Level Grade - 15 Gal. to 36" Box	Y	N/A	N/A
		P-002	Tree on Slope - 15 Gal. to 36" Box	Y	N/A	N/A
		P-003	Multi-Stem Tree on Level Grade - 15 Gal. to 36" Box	Y	N/A	N/A
		P-004	Multi-Stem Tree on Slope - 15 Gal. to 36" Box	Y	N/A	N/A
		P-005	Tree on Level Grade - 48" Box and Greater	Y	N/A	N/A
		P-006	Multi-Stem Tree on Level Grade - 48" Box and Greater	Y	N/A	N/A
		P-007	Tree on Level Grade - 5 Gallon	Y	N/A	N/A
		P-008	Tree on Slope - 5 Gallon	Y	N/A	N/A
		P-009	Native Tree on Level Grade - Non Irrigated	N	N/A	N/A
		P-010	Native Tree on Slope - Non Irrigated	N	N/A	N/A
		P-011	Palm - Up to 15' BTH	Y	N/A	N/A
		P-012	Palm - Over 15' BTH	Y	N/A	N/A
		P-013	Root Barrier	Y	N/A	N/A
		P-014	Tree Planting in Turf - With Mulch Ring	Y	N/A	N/A
		P-015	Shrub on Level Grade	Y	N/A	N/A
		P-016	Shrub on Slope	Y	N/A	N/A
		P-017	Native Shrub on Level Grade - Non Irrigated	N	N/A	N/A
		P-018	Native Shrub on Slope - Non Irrigated	N	N/A	N/A
		P-019	Shrub Spacing	Y	N/A	N/A
		P-020	Groundcover Planting - Flats or Cuttings	Y	N/A	N/A
		P-021	Vine - On Fence, Wall or Trellis	Y	N/A	N/A
		P-022	Cactus Planting	Y	N/A	N/A
		P-023	Saguaro Planting	Y	N/A	N/A
Bioswale	Bioswale	B-001	Bio-Swale Grading / Planting - Section	Y	N/A	N/A
		B-002	Bio-Swale Planting Palette	Y	N/A	N/A
		B-003	Bio-Swale Grading / Planting - Plan	Y	N/A	N/A
		B-004	Bio-Swale Irrigation Zoning - Section	Y	N/A	N/A
Hardscape	Hardscape / Inert Materials	H-001	Mulch - Transition at Hardscape	Y	N/A	N/A
		H-002	Jute Netting - On Slope	Y	N/A	N/A
		H-003	Mulch & Jute Netting - On Slope	Y	N/A	N/A
		H-004	Concrete Header	Y	N/A	N/A
		H-005	Decomposed Granite Trail	Y	N/A	N/A
		H-006	Trail Fencing - Side View - 3 Rail - PVC	Y	N/A	N/A
		H-007	Trail Fencing - End View - 3 Rail - PVC	Y	N/A	N/A
		H-008	Non Vegetative Landscape Treatments	Y	N/A	N/A
		H-009	Decomposed Granite Path	Y	TBD	TBD
		H-010	Decomposed Granite Surfacing	Y	TBD	TBD
		H-011	Crushed Gravel Mulch	Y	TBD	TBD
		H-012	Pavers on Gravel Base	Y	TBD	TBD
		H-013	Pavers on Concrete Base	Y	TBD	TBD
		H-014	Cobble Transition	Y	TBD	TBD
		H-015	Cobble Surfacing - Non Grouted	Y	TBD	TBD
		H-016	Cobble Surfacing - Grouted	Y	TBD	TBD
		H-017	Grouted Cobble at Concrete Curb	Y	TBD	TBD
		H-018	Stamped Concrete Patterns	Y	TBD	TBD
Maint.	Maintenance	M-001	Typical Pruning Maintenance - Plan View	Y	N/A	N/A
		M-002	Shrub / Groundcover Pruning - Section View	Y	N/A	N/A
		M-003	Typical Pruning Maintenance - Section View	Y	N/A	N/A
		M-004	Hemerocallis Species Pruning - Section View	Y	N/A	N/A
		M-005	Dietes Species Pruning - Section View	Y	N/A	N/A
		M-006	Bio-Swale Maintenance - Plan View	Y	N/A	N/A
Electrical	Electrical	E-001	Electrical Pedestal - Option #1	Y	VIT Products, Inc.	CSP-A-106-10K
		E-002	Electrical Pedestal - Option #2	Y	VIT Products, Inc.	MPS-A16-10K
		E-003	Electrical Pull Box - For 120 / 240 VAC	Y	TBD	TBD
General Irrigation	Control Equipment	G-001	Wall Mount Controller - In Stainless Steel Enclosure	N	VIT Products, Inc.	SB-18CRW
		G-002	Single Controller - In Stainless Steel Enclosure	Y	Calsense	ET2000e / TPB
		G-003	Two Controllers - In Double Wide Stainless Steel Enclosure	Y	Calsense	ET2000e - SSE
		G-004	Three or More Controllers - With Hub and Antenna	Y	Calsense	ET2000e - SSE-D
		G-005	Controller Requirements - And Placement	Y	Calsense	ET2000e - SSE / SSE-D
	Control System Sensors	G-010	Weather Station - Post Mounted	Y	Calsense	N/A
		G-011	Rain Bucket - Post Mounted	Y	Calsense	RB-1 / WG-1
		G-012	ET Gage - In Stainless Steel Enclosure	Y	Calsense	RB-1
		G-013	Solar Powered Controller - In Stainless Steel Enclosure	N	DIG	ETG / ETGE
	Wire	G-014	Rain Sensor Assembly - Post Mounted	N	DIG	LEIT X / LEIT XRC
		G-020	Low Voltage Splice Connection	Y	Hunter	ENCL X / ENCL 4000
	Restraints	G-021	Low Voltage Wire Connector	Y	Hunter	MINI-CLIK
		G-022	Flow Sensor and Master Valve Cable Pull Box - Every 100'	Y	Spears	DS-100 / DS-300
		G-030	Joint Restraint - For Pipe Sizes 4" and Greater	Y	Carson	910 Series
	Trenching	G-031	Elbow with Joint Restraint - For Pipe Sizes 4" and Greater	Y	Spears	DS-100 / DS-300
		G-032	Joint Restraint Table - For Pipe Sizes 4" and Greater	Y	Carson	910-10
		G-040	Trench in Landscape	Y	Carson	910-4B
		G-041	Trench in Hardscape or at Street Crossing	Y	Leemco	LB Series
		G-042	Street Sleeving	Y	Leemco	RF Series
		G-043	Non-Pressure Lateral Line - Crossing Over V-Ditch	N	Leemco	N/A
		I-001	Typical Water Meter - Connection Only	Y	Leemco	N/A
Backflow		I-002	Backflow Prevention Device - 2 1/2" and Greater	Y	N/A	N/A
	I-003	Backflow Prevention Device - Up to 2"	Y	Febco	880V	
	I-004	Fertilizer Injector - For Mainline	Y	VIT Products	SBBC-40SS	
	I-010	Booster Pump - For Irrigation System	Y	Febco	825YA	
Regulation	I-011	Pressure Regulating Valve	Y	VIT Products	SBBC-30SS	
	I-020	Master Valve - Normally Closed at 12" Depth	Y	VIT Products	QP-30BF	
	I-021	Master Valve (2 1/2" and Larger) - Normally Closed at 12" Depth	Y	Ez-Flo	Varies	
Control	I-022	Flow Sensor - At 12" Depth	Y	Barrett	Irriboost Series	
	I-030	Isolation Gate Valve - For Up To 2 1/2" Pressure Supply Line	Y	Wilkins	Model 600	
	I-031	Isolation Gate Valve - For 3" Pressure Supply Line	Y	Carson	1419-12	
	I-032	Gate Valve with Joint Restraint - For Pipe Sizes 4" and Greater	Y	Carson	1419-4B	
	I-033	1" Air Relief Valve - For Pressure Supply Line	Y	Carson	1419-4B	
Valves	I-040	Isolation Ball Valve - Manifold / Quick Coupler	Y	Rain Bird	EFB-CP-R-PRS-D	
	I-041	Electric Control Valve - With Ball Valve	Y	Carson	1220-12	
	I-042	Drip Valve Assembly - 1" - With Ball Valve	Y	Carson	1220-4B	
	I-043	Drip Valve Assembly - Compact	N	Carson	2250 - E	
	I-044	Quick Coupling Valve	Y	Carson	1324-15	
	I-045	Manifold Configuration - Single and Multiple Valves	Y	Carson	1324-4L	
	I-046	Spare Wire Box	Y	Calsense	FM / FMB Series	
	I-050	Tree Well Bubbler - And Schedule	Y	Carson	1419-12	
	I-051	Bubbler Nozzle on Riser - With Check Valve	Y	Carson	1419-4B	
	I-052	Bubbler Nozzle for Trees on Slopes - With Steel "J" Hook	N	Carson	1419-4B	
Manifolds	I-053	6" Pop-Up Bubbler - With External Check Valve	Y	Spears	DS-100 / DS-300	
	I-060	6" Pop-Up Spray Head - With External Check Valve	Y	Carson	910-10	
	I-061	12" Pop-Up Spray Head - With External Check Valve	Y	Carson	910-4B	
	I-062	Shrub Spray on Riser - With Check Valve	Y	Carson	910-4B	
	I-054	Manifold Configuration - Single and Multiple Valves	Y	Crispin	LMV Series	
	I-055	Manifold Configuration - Single and Multiple Valves	Y	Carson	910-10	
Bubblers	I-056	Manifold Configuration - Single and Multiple Valves	Y	Carson	910-4B	
	I-057	Manifold Configuration - Single and Multiple Valves	Y	Carson	910-4B	
	I-058	Manifold Configuration - Single and Multiple Valves	Y	Carson	910-4B	
	I-059	Manifold Configuration - Single and Multiple Valves	Y	Carson	910-4B	
	I-063	Manifold Configuration - Single and Multiple Valves	Y	Carson	910-4B	
Sprays	I-064	Manifold Configuration - Single and Multiple Valves	Y	Carson	910-4B	
	I-065	Manifold Configuration - Single and Multiple Valves	Y	Carson	910-4B	
	I-066	Manifold Configuration - Single and Multiple Valves	Y	Carson	910-4B	

Recycled Irrigation

		I-063	Shrub Spray on Riser (On Slope) - With Check Valve	Y	Rain Bird Toro Hunter	PA-8S-PRS Precision Series Nozzle HCV
Rotors		I-070	6" Pop-Up Rotor - With External Check Valve	Y	Hunter Hunter	I-20-06 HCV
		I-071	12" Pop-Up Rotor - With External Check Valve	Y	Hunter Hunter	I-20-12 HCV
		I-072	Shrub Rotor on Riser - With Check Valve	Y	Hunter Hunter	I-20-00 HCV
		I-073	Shrub Rotor on Riser (On Slope) - With Check Valve	Y	Hunter Hunter	I-20-00 HCV
		I-080	Subsurface Pipe and Tubing Layout - End Fed Configuration	Y	Toro Toro	DL2000 Lock-Eze
Subsurface Drip		I-081	Subsurface Pipe and Tubing Manifold - End Fed Configuration	Y	Toro Toro	DL2000 Lock-Eze
		I-082	Subsurface Pipe and Tubing Layout - Center Fed Configuration	Y	Toro Toro	DL2000 Lock-Eze
		I-083	Subsurface Pipe and Tubing Manifold - Center Fed Configuration	Y	Toro Toro	DL2000 Lock-Eze
		I-084	Air / Vacuum Relief Valve - On Subsurface Tubing	Y	Toro Carson	T-YD-500-34 708-4
		I-085	Air / Vacuum Relief Valve - On PVC	Y	Carson	708-4
		I-086	Subsurface Tubing Spacing and Depth	Y	Toro	DL2000
Point-to-Point Drip		I-090	Point to Point Irrigation - With Below Grade Laterals	Y	Salco	SLV-PVC Series
		I-091	Emitter on Flexible Riser - With Below Grade Lateral Line	Y	Salco	SLV-PVC Series
		I-092	Manual Flush Valve Assembly - For Point to Point Drip	Y	Spears Carson Carson	2122 910-10 910-4B
		I-093	Drip Operation Indicator - Pop Up Type	Y	Rain Bird	1812-SAM-4VAN
		I-094	Point to Point Irrigation - With On Grade Laterals	N	Salco	SLV-PVC Series
		I-095	Emitter on Flexible Riser - With On Grade Lateral Line	N	Salco	SLV-PVC Series
Multi-port Drip		I-096	Tree Emitter on Flexible Riser - With On Grade Lateral Line	N	Salco	SLV-PVC Series
		I-100	Drip Irrigation to Trees - With Multi-Port Emitter	N	Toro	T-PR25-9
		I-101	Drip Irrigation to Shrubs - With Multi-Port Emitter	N	Toro	T-PR25-9
Filtration		R-001	Reclaimed Typical Water Meter - Connection Only	Y	N/A	N/A
		R-002	Reclaimed Basket Strainer - For Irrigation System	Y	Yardney VIT Products	MCS2-TRCO SBBC Series
		R-003	Reclaimed 150 Mesh Filter - For Recycled Water	Y	Amiad Carson Carson	T Series 1419-12 1419-4B
		R-004	Fertilizer Injector - For Mainline	Y	Ez-Flo	Varies
Regulation		R-010	Reclaimed Booster Pump - For Irrigation System	Y	Barrett	Irriboost Series
		R-011	Reclaimed Pressure Regulating Valve	Y	Wilkins Carson Carson	Model 600 1419-12 1419-4B
Control		R-020	Reclaimed Master Valve - Normally Closed at 12" Depth	Y	Rain Bird Carson Carson	EFB-CP-R-PRS-D 1220-12 1220-4B
		R-021	Reclaimed Master Valve (2 1/2" and Larger) - Normally Closed at 12" Depth	Y	Griswold Carson Carson	2250 - E 1324-15 1324-4L
		R-022	Reclaimed Flow Sensor - At 12" Depth	Y	Calsense Carson Carson	FM / FMB Series 1419-12 1419-4B
Valves		R-030	Reclaimed Isolation Gate Valve - For Up To 2 1/2" Pressure Supply Line	Y	Nibco Carson Carson	T113-K 910-10 910-4B
		R-031	Reclaimed Isolation Gate Valve - For 3" Pressure Supply Line	Y	Nibco Carson Carson	F-639-RW 910-10 910-4B
		R-032	Reclaimed Gate Valve with Joint Restraint - For Pipe Sizes 4" and Greater	Y	Leemco Carson Carson	LMV Series 910-10 910-4B
		R-033	Reclaimed 1" Air Relief Valve - For Pressure Supply Line	Y	Crispin Carson Carson Christy's	AL-10 1324-15 1324-4L VC1
		R-040	Reclaimed Isolation Ball Valve - Manifold / Quick Coupler	Y	Spears Carson Carson	2122 910-10 910-4B
Manifolds		R-041	Reclaimed Electric Control Valve - With Ball Valve	Y	Irritrol Irritrol Irritrol Spears Carson Carson	700-XX OMR-100 RW60-KIT 2122 1419-12 1419-4B
		R-042	Reclaimed Drip Valve Assembly - 1" - With Ball Valve	Y	Irritrol Irritrol Irritrol Toro Spears Carson Carson	700-XX OMR-100 RW60-KIT AFLS10150-L 2122 1419-12 1419-4B
		R-043	Reclaimed Drip Valve Assembly - Compact	N	N/A	N/A
		R-044	Reclaimed Quick Coupling Valve	Y	Nelson Carson Carson	7645 ACME 910-10 910-4B
		R-045	Reclaimed Manifold Configuration - Single and Multiple Valves	Y	N/A	N/A
		R-046	Reclaimed Spare Wire Box	Y	Spears Carson Carson	DS-100 / DS-300 910-10 910-4B
		R-047	Reclaimed Water Signage - Per Local Water Dist. Standards	Y	N/A	Water District Supplied
		R-050	Reclaimed Tree Well Bubbler - And Schedule	Y	Rain Bird	1400 Series
Bubblers		R-051	Reclaimed Bubbler on Riser - With Check Valve	Y	Rain Bird Hunter	1400 Series HCV
		R-052	Reclaimed Bubbler for Trees on Slopes - With Steel "J" Hook	N	Rain Bird VIT Products	1400 Series Pipe Stabilizer
		R-053	Reclaimed 6" Pop-Up Bubbler - With External Check Valve	Y	Rain Bird Rain Bird Rain Bird Rain Bird	1806-SAM PA-80 1400 Series 1800 NPCAP
		R-060	Reclaimed 6" Pop-Up Spray Head - With External Check Valve	Y	Rain Bird Rain Bird Toro	1806-SAM-PRS 1800-NPCAP Precision Series Nozzle
Sprays		R-061	Reclaimed 12" Pop-Up Spray Head - With External Check Valve	Y	Rain Bird Rain Bird Toro	1812-SAM-PRS 1800-NPCAP Precision Series Nozzle
		R-062	Reclaimed Shrub Spray on Riser - With Check Valve	Y	Rain Bird Toro Hunter	PA-8S-PRS Precision Series Nozzle HCV
		R-063	Reclaimed Shrub Spray on Riser (On Slope) - With Check Valve	Y	Rain Bird Toro Hunter	PA-8S-PRS Precision Series Nozzle HCV
Rotors		R-070	Reclaimed 6" Pop-Up Rotor - With External Check Valve	Y	Hunter Hunter	I-20-06-R HCV
		R-071	Reclaimed 12" Pop-Up Rotor - With External Check Valve	Y	Hunter Hunter	I-20-12-R HCV
		R-072	Reclaimed Shrub Rotor on Riser - With Check Valve	Y	Hunter Hunter	I-20-00-R HCV
		R-073	Reclaimed Shrub Rotor on Riser (On Slope) - With Check Valve	Y	Hunter Hunter	I-20-00-R HCV
Subsurface Drip		R-080	Reclaimed Subsurface Pipe and Tubing Layout - End Fed Configuration	Y	Toro	DL2000 (Purple)
		R-081	Reclaimed Subsurface Pipe and Tubing Manifold - End Fed Configuration	Y	Toro Toro	DL2000 (Purple) Lock-Eze
		R-082	Reclaimed Subsurface Pipe and Tubing Layout - Center Fed Configuration	Y	Toro Toro	DL2000 (Purple) Lock-Eze
		R-083	Reclaimed Subsurface Pipe and Tubing Manifold - Center Fed Configuration	Y	Toro Toro	DL2000 (Purple) Lock-Eze
		R-084	Reclaimed Air / Vacuum Relief Valve - On Subsurface Tubing	Y	Toro Toro Carson	T-YD-500-34 Lock-Eze 708-4
		R-085	Reclaimed Air / Vacuum Relief Valve - On PVC	Y	Toro Carson	T-YD-500-34 708-4
Point-to-Point Drip		R-086	Reclaimed Subsurface Tubing Spacing and Depth	Y	Toro	DL2000 (Purple) Lock-Eze
		R-090	Reclaimed Point to Point Irrigation - With Below Grade Laterals	Y	Salco	SLV-PVC Series
		R-091	Reclaimed Emitter on Flexible Riser - With Below Grade Lateral Line	Y	Salco	SLV-PVC Series
		R-092	Reclaimed Manual Flush Valve Assembly - For Point to Point Drip	Y	Spears Carson Carson	2122 910-10 910-4B
	R-093	Drip Operation Indicator - Pop Up Type	Y	Rain Bird	1812-SAM-4VAN 1800-NPCAP	