

## RCTD - Detail Listing

Detail Section	Sub Section	New 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	
	Inert Material	P-030	Mulch - Transition at Hardscape	Y	N/A	N/A	
		P-031	Concrete Header	Y	N/A	N/A	
		P-032	Decomposed Granite Trail	Y	N/A	N/A	
		P-033	Trail Fencing - Side View - 3 Rail - PVC	Y	N/A	N/A	
		P-034	Trail Fencing - End View - 3 Rail - PVC	Y	N/A	N/A	
		P-035	Non Vegetative Landscape Treatments	Y	N/A	N/A	
	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
General Irrigation	Electrical	G-001	Electrical Pedestal - Option #1	Y	VIT Products, Inc.	CSP-A-106-10K	
		G-002	Electrical Pedestal - Option #2	Y	VIT Products, Inc.	MPS-A16-10K	
	Control Equipment	G-010	Wall Mount Controller - In Stainless Steel Enclosure	N	VIT Products, Inc. Calsense	SB-18CRW ET2000e / TPB	
		G-011	Single Controller - In Stainless Steel Enclosure	Y	Calsense	ET2000e - SSE	
		G-012	Two Controllers - In Double Wide Stainless Steel Enclosure	Y	Calsense	ET2000e - SSE-D	
		G-013	Three or More Controllers - With Hub and Antenna	Y	Calsense	ET2000e - SSE / SSE-D	
		G-014	Controller Requirements - And Placement	Y		N/A	
	Control System Sensors	G-020	Weather Station - Post Mounted	Y	Calsense	RB-1 / WG-1	
		G-021	Rain Bucket - Post Mounted	Y	Calsense	RB-1	
		G-022	ET Gage - In Stainless Steel Enclosure	Y	Calsense	ETG / ETGE	
		G-023	Solar Powered Controller - In Stainless Steel Enclosure	N	DIG	LEIT X / LEIT XRC	
	Wire	G-024	Rain Sensor Assembly - Post Mounted	N	Hunter	ENCL X / ENCL 4000 MINI-CLIK	
		G-030	Low Voltage Splice Connection	Y	Spears Carson	DS-100 / DS-300 910 Series	
		G-031	Low Voltage Wire Connector	Y	Spears Carson	DS-100 / DS-300 910-10 910-4B	
	Restraints	G-032	Flow Sensor and Master Valve Cable Pull Box - Every 100'	Y	Carson	910-4B	
		G-040	Joint Restraint - For Pipe Sizes 4" and Greater	Y	Leemco	LB Series	
		G-041	Elbow with Joint Restraint - For Pipe Sizes 4" and Greater	Y	Leemco	RF Series	
	Trenching	G-042	Joint Restraint Table - For Pipe Sizes 4" and Greater	Y	Leemco	N/A	
		G-050	Trench in Landscape	Y	N/A	N/A	
		G-051	Trench in Hardscape	Y	N/A	N/A	
		G-052	Street Sleeving	Y	N/A	N/A	
G-053		Non-Pressure Lateral Line - Crossing Over V-Ditch	N	N/A	N/A		

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Detail Section	Sub Section	New Designation	Detail Name	LMD Std.	Manufacturer	LMD Product
Potable Irrigation	Backflow	I-001	Typical Water Meter - Connection Only	Y	N/A	N/A
		I-002	Backflow Prevention Device - 2 1/2" and Greater	Y	Febco VIT Products	880V SBBC-40SS
		I-003	Backflow Prevention Device - Up to 2"	Y	Febco VIT Products VIT Products	825YA SBBC-30SS QP-30BF
	Regulation	I-010	Booster Pump - For Irrigation System	Y	Barrett	Irriboost Series
		I-011	Pressure Regulating Valve	Y	Wilkins Carson Carson	Model 600 1419-12 1419-4B
	Control	I-020	Master Valve - Normally Closed at 12" Depth	Y	Rain Bird Carson Carson	EFB-CP-R-PRS-D 1220-12 1220-4B
		I-021	Master Valve (2 1/2" and Larger) - Normally Closed at 12" Depth	Y	Griswold Carson Carson	2250 - E 1324-15 1324-4L
		I-022	Flow Sensor - At 12" Depth	Y	Calsense Carson Carson	FM / FMB Series 1419-12 1419-4B
		Valves	I-030	Isolation Gate Valve - For Up To 2 1/2" Pressure Supply Line	Y	Nibco Carson Carson
	I-031		Isolation Gate Valve - For 3" Pressure Supply Line	Y	Nibco Carson Carson	F-639-RW 910-10 910-4B
	I-032		Gate Valve with Joint Restraint - For Pipe Sizes 4" and Greater	Y	Leemco Carson Carson	LMV Series 910-10 910-4B
	I-033		2" Air Relief Valve - For Pressure Supply Line	Y	Toro Carson	ARV-2-KA 1419-12 1419-4B
					Carson	
	Manifolds	I-040	Isolation Ball Valve - Manifold / Quick Coupler	Y	Spears Carson	2122 910-10 910-4B
					Carson	
		I-041	Electric Control Valve - With Ball Valve	Y	Irritrol Irritrol	700-XX OMR-100
					Spears Carson	2122 1419-12 1419-4B
		I-042	Drip Valve Assembly - 1" - With Ball Valve	Y	Irritrol Irritrol	700-XX OMR-100
					Toro Carson	AFLS10150-L 2122 1419-12 1419-4B
		I-043	Drip Valve Assembly - Compact	N	N/A	N/A
		I-044	Quick Coupling Valve	Y	Rain Bird Carson	44-LRC 910-10 910-4B
					Carson	
		I-045	Manifold Configuration - Single and Multiple Valves	Y	N/A	N/A
	I-046	Spare Wire Box	Y	Spears Carson	DS-100 / DS-300 910-10 910-4B	
				Carson		
	Bubblers	I-050	Tree Well Bubbler - And Schedule	Y	Rain Bird	1400 Series
		I-051	Bubbler Nozzle on Riser - With Check Valve	Y	Rain Bird Hunter	1400 Series HCV
					Carson	
		I-052	Bubbler Nozzle for Trees on Slopes - With Steel "J" Hook	N	VIT Products	1400 Series Pipe Stabilizer
	I-053	6" Pop-Up Bubbler - With External Check Valve	Y	Rain Bird Rain Bird Rain Bird	1806-SAM PA-80 1400 Series	
	Sprays	I-060	6" Pop-Up Spray Head - With External Check Valve	Y	Rain Bird Toro	1806-SAM-PRS Precision Series Nozzle
		I-061	12" Pop-Up Spray Head - With External Check Valve	Y	Rain Bird Toro	1812-SAM-PRS Precision Series Nozzle
		I-062	Shrub Spray on Riser - With Check Valve	Y	Rain Bird Toro	PA-8S-PRS Precision Series Nozzle
					Hunter	HCV
	I-063	Shrub Spray on Riser (On Slope) - With Check Valve	Y	Rain Bird Toro	PA-8S-PRS Precision Series Nozzle	
	Rotors	I-070	6" Pop-Up Rotor - With External Check Valve	Y	Hunter Hunter	I-20-06 HCV
					Carson	
		I-071	12" Pop-Up Rotor - With External Check Valve	Y	Hunter Hunter	I-20-12 HCV
					Carson	
	I-072	Shrub Rotor on Riser - With Check Valve	Y	Hunter Hunter	I-20-00 HCV	
				Carson		
	I-073	Shrub Rotor on Riser (On Slope) - With Check Valve	Y	Hunter Hunter	I-20-00 HCV	
	Subsurface Drip	I-080	Subsurface Pipe and Tubing Layout - End Fed Configuration	Y	Toro Toro	DL2000 Lock-Eze
					Carson	
		I-081	Subsurface Pipe and Tubing Manifold - End Fed Configuration	Y	Toro Toro	DL2000 Lock-Eze
					Carson	
		I-082	Subsurface Pipe and Tubing Layout - Center Fed Configuration	Y	Toro Toro	DL2000 Lock-Eze
Carson						
I-083		Subsurface Pipe and Tubing Manifold - Center Fed Configuration	Y	Toro Toro	DL2000 Lock-Eze	
	Carson					
I-084	Air / Vacuum Relief Valve - On Subsurface Tubing	Y	Toro Carson	T-YD-500-34 Lock-Eze 708-4		
			Carson			
I-085	Air / Vacuum Relief Valve - On PVC	Y	Toro	T-YD-500-34 708-4		
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	
				Carson		
	I-091	Emitter on Flexible Riser - With Below Grade Lateral Line	Y	Salco	SLV-PVC Series	
				Carson		
	I-092	Manual Flush Valve Assembly - For Point to Point Drip	Y	Spears Carson	2122 910-10 910-4B	
I-093	Point to Point Irrigation - With On Grade Laterals	N	Salco	SLV-PVC Series		
I-094	Emitter on Flexible Riser - With On Grade Lateral Line	N	Salco	SLV-PVC Series		
Multi-port Drip	I-095	Tree Emitter on Flexible Riser - With On Grade Lateral Line	N	Salco	SLV-PVC Series	
				Carson		
I-100	Drip Irrigation to Trees - With Multi-Port Emitter	N	Toro	T-PR25-9		
			Carson			
I-101	Drip Irrigation to Shrubs - With Multi-Port Emitter	N	Toro	T-PR25-9		
			Carson			

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Detail Section	Sub Section	New Designation	Detail Name	LMD Std.	Manufacturer	LMD Product
Recycled Irrigation	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	MCS Series SBBC Series
		R-003	Reclaimed 150 Mesh Filter - For Recycled Water	Y	Amiad Carson Carson	T Series 1419-12 1419-4B
	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
		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
	Valves	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 2" Air Relief Valve - For Pressure Supply Line	Y	Toro Carson Carson	ARV-2-KA 1419-12 1419-4B
		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
		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	
	Sprays	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
		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
		R-070	Reclaimed 6" Pop-Up Rotor - With External Check Valve	Y	Hunter Hunter	I-20-06-R HCV
	Rotors	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
		R-080	Reclaimed Subsurface Pipe and Tubing Layout - End Fed Configuration	Y	Toro	DL2000 (Purple)
	Subsurface Drip	R-081	Reclaimed Subsurface Pipe and Tubing Manifold - End Fed Configuration	Y	Toro	DL2000 (Purple) Lock-Eze
		R-082	Reclaimed Subsurface Pipe and Tubing Layout - Center Fed Configuration	Y	Toro	DL2000 (Purple) Lock-Eze
		R-083	Reclaimed Subsurface Pipe and Tubing Manifold - Center Fed Configuration	Y	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
		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
	Point-to-Point Drip	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