

# City of Moreno Valley

## Standard Plans Index - 2017 Edition (with Updates November 2019)

### **SECTION 4: Street Light and Traffic (Continued)**

MVLT-450C-0	<i>Traffic Induction Loops Wiring Details</i>
MVLT-460-0	<i>Type 333 Controller Cabinet Foundation Detail</i>
MVLT-461-0	<i>Dual Meter Traffic Signal Service Foundation</i>

**Note:** *Various State's Standards for Street Light and Traffic may be used subject to review and approval from the Public Works Director/City Engineer.*

### **SECTION 5: Landscaping and Irrigation Systems**

#### Landscaping

MVLI-500A-0	<i>Palm Tree Planting (Special Districts)</i>
MVLI-500B-1	<i>Palm Tree Planting (Parks &amp; CS)</i>
MVLI-501A-0	<i>Container Planting (Special Districts)</i>
MVLI-501B-1	<i>Container Planting (Shrub Beds) (Parks &amp; CS)</i>
MVLI-501C-0	<i>Container Planting on Slope (Special Districts)</i>
MVLI-501D-1	<i>Container Planting on Slope (Parks &amp; CS)</i>
MVLI-502-1	<i>Native Shrub Planting/On Slope Shrub Planting (Parks &amp; CS)</i>
MVLI-503A-0	<i>Vine Detail: Non-Adhering Type (Special Districts)</i>
MVLI-503B-0	<i>Vine Detail: Adhering Type (Parks &amp; CS)</i>
MVLI-504-0	<i>Tree Spacing Requirements (Special Districts)</i>
MVLI-505A-0	<i>Shrub/Groundcover Spacing (Special Districts)</i>
MVLI-505B-0	<i>Shrub/Groundcover Spacing (Parks &amp; CS)</i>
MVLI-510A-0	<i>Tree Guying Detail - 36" Box or Larger (Special Districts)</i>
MVLI-510B-1	<i>Tree Guying Detail - 36" Box or Larger (Parks &amp; CS)</i>
MVLI-511A-0	<i>Typical Double Stake Tree (15 Gal. - 24" Box) (Special Districts)</i>
MVLI-511B-1	<i>Typical Double Stake Tree (Parks &amp; CS)</i>
MVLI-511C-1	<i>Steel Double Stake Tree (Parks &amp; CS)</i>
MVLI-511D-0	<i>Double Stake Tree on Slope (Special Districts)</i>
MVLI-511E-1	<i>Double Stake Tree on Slope (Parks &amp; CS)</i>
MVLI-512A-0	<i>Triple Stake Tree (Special Districts)</i>
MVLI-512B-1	<i>Triple Stake Tree (Parks &amp; CS)</i>
MVLI-512C-0	<i>Triple Stake Tree on Slope (Special Districts)</i>
MVLI-512D-1	<i>Triple Stake Tree on Slope (Parks &amp; CS)</i>
MVLI-520A-0	<i>Mulch Installation (Special Districts)</i>
MVLI-520B-0	<i>Bark Installation (Parks &amp; CS)</i>
MVLI-521-0	<i>2" x 4" Redwood Header (Special Districts)</i>
MVLI-522A-0	<i>6" Wide Concrete Mow Curb (Special Districts)</i>
MVLI-522B-0	<i>6" Wide Concrete Mow Curb (Parks &amp; CS)</i>
MVLI-522C-0	<i>12" Wide Concrete Mow Curb (Parks &amp; CS)</i>
MVLI-523A-0	<i>Erosion Control Netting (Landscaping) (Special Districts)</i>
MVLI-523B-0	<i>Erosion Control Netting (Landscaping) (Parks &amp; CS)</i>
MVLI-524A-0	<i>Linear Root Barrier (Special Districts)</i>
MVLI-524B-0	<i>Linear Root Barrier (Parks &amp; CS)</i>

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### **SECTION 5: Landscaping and Irrigation Systems (Continued)**

#### Irrigation

MVLI-530-0	CCU Radio Link Antenna & Enclosure Detail (Special Districts)
MVLI-531A-0	Controller / Satellite Enclosure Detail (Special Districts)
MVLI-531B-0	Smart Controller Enclosure Detail (Parks & CS)
MVLI-532-0	CCU Enclosure Detail (Special Districts)
MVLI-533-0	External Ground Rod Assembly Detail (Special Districts)
MVLI-534-0	LEIT XRC Irrigation Controller (Parks & CS)
MVLI-535-0	Multiple Controllers Using One ET Gage (Parks & CS)
MVLI-536-0	Typical Transient Protection Installation (Parks & CS)
MVLI-537-0	Vandal Resistant ET Gage Enclosure (Parks & CS)
MVLI-538-0	Irrigation Controller Grounding Instruction (Parks & CS)
MVLI-539-0	Irrigation Controller Enclosure Installation Detail (Parks & CS)
MVLI-540A-0	Flow Sensor Assembly Detail (Special Districts)
MVLI-540B-0	Flow Sensor Assembly Detail (Parks & CS)
MVLI-540C-0	FMBX Flow Meter Installation (Parks & CS)
MVLI-541-0	Rain Gauge / Weather Sensor Installation Detail (Parks & CS)
MVLI-542A-0	Telemetry Pull-Box Assembly Detail (Special Districts)
MVLI-542B-0	Telemetry Pull-Box Assembly Detail (Parks & CS)
MVLI-543A-0	Master Valve Assembly Detail (Special Districts)
MVLI-543B-0	Master Valve Assembly Detail (Parks & CS)
MVLI-543C-0	Master Valve and Flow Meter Installation (Parks & CS)
MVLI-544A-0	Toe Nipple Assembly (Special Districts)
MVLI-544B-0	Toe Nipple Assembly (Parks & CS)
MVLI-545A-0	Irrigation Wire Connector (Special Districts)
MVLI-545B-0	Irrigation Wire Connector (Parks & CS)
MVLI-545C-0	Irrigation Control Wire Notes (Parks & CS)
MVLI-546-0	Irrigation Booster Pump Detail (Special Districts)
MVLI-547A-0	Reduced Pressure Backflow Preventer (Special Districts)
MVLI-547B-1	Backflow Preventer (Parks and CS)
MVLI-548A-0	Backflow Preventer Enclosure (Special Districts)
MVLI-548B-0	Single Backflow Cover (Parks and CS)
MVLI-548C-0	Double Backflow Cover (Parks and CS)
MVLI-550A-0	Pressure Reducing Valve (Special Districts)
MVLI-550B-0	Pressure Reducing Valve (Parks & CS)
MVLI-551A-0	Ball Valve/Gate Valve - 3" Or Smaller (Special Districts)
MVLI-551B-0	Ball Valve/Gate Valve - 3" Or Smaller (Parks & CS)
MVLI-552A-0	Remote Control Valve with Union (Special Districts)
MVLI-552B-0	Remote Control Valve Detail (Parks and CS)
MVLI-553A-0	Remote Control Valve for Drip Systems (Special Districts)
MVLI-553B-0	Remote Control Valve Detail for Drip Systems (Parks & CS)
MVLI-554A-0	Quick Coupling Valve (Special Districts)
MVLI-554B-0	Quick Coupling Ball Valve (Parks & CS)
MVLI-555A-0	Air Vacuum Relief Valve (Special Districts)
MVLI-555B-0	Air Vacuum Relief Valve (Parks & CS)

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### **SECTION 5: Landscaping and Irrigation Systems (Continued)**

MVLI-556A-0	<i>Irrigation Stub-Out Box (Special Districts)</i>
MVLI-556B-0	<i>Irrigation Stub-Out Box (Parks &amp; CS)</i>
MVLI-560A-0	<i>Landscape Trench Detail (Special Districts)</i>
MVLI-560B-0	<i>Trench Detail (Parks &amp; CS)</i>
MVLI-561A-0	<i>Sleeving Detail (Special Districts)</i>
MVLI-561B-0	<i>Sleeving Detail (Parks &amp; CS)</i>
MVLI-562-0	<i>Median and Parkway Irrigation Line Installation (Special Districts)</i>
MVLI-563A-0	<i>Deep Well Tree Irrigation (Special Districts)</i>
MVLI-563B-0	<i>Deep Well Tree Irrigation (Parks &amp; CS)</i>
MVLI-564-0	<i>Drip Emitter Installation (Special Districts)</i>
MVLI-565-0	<i>Tree Well Sump (Parks &amp; CS)</i>
MVLI-566-0	<i>Rainbird RWS-BCG02 Root Watering System (Parks &amp; CS)</i>
MVLI-570A-0	<i>6" Pop-up Spray Head (Special Districts)</i>
MVLI-570B-0	<i>12" Pop-up Spray Head (Special Districts)</i>
MVLI-570C-0	<i>6" or 12" Pop-up Spray Head (Parks &amp; CS)</i>
MVLI-571A-0	<i>Pop-up Rotary Head (Special Districts)</i>
MVLI-571B-0	<i>Pop-up Rotary Head (Parks &amp; CS)</i>
MVLI-572-0	<i>Rotor Installation on Fixed Riser (Special Districts)</i>
MVLI-573-0	<i>Rainbird 1800 Sam PRS Pop Up Spray Head (Parks &amp; CS)</i>
MVLI-574A-0	<i>Dripperline (With Integrated Check Valves) Center Feed Layout (Special Districts)</i>
MVLI-574B-0	<i>Dripperline (With Integrated Check Valves) Center Feed Layout (Parks &amp; CS)</i>
MVLI-574C-0	<i>Dripperline (Recycled Water Systems) Center Feed Layout (Special Districts)</i>
MVLI-574D-0	<i>Dripperline (Recycled Water Systems) Center Feed Layout (Parks &amp; CS)</i>
MVLI-574E-0	<i>PVC Pipe with Swing-Joint Connection to Dripperline (Special Districts)</i>
MVLI-574F-0	<i>PVC Pipe with Swing-Joint Connection to Dripperline (Parks &amp; CS)</i>
MVLI-574G-0	<i>Manual Shut-Off / Flush Valve (For Dripperline) (Special Districts)</i>
MVLI-574H-1	<i>Manual Shut-Off / Flush Valve (For Dripperline) (Parks &amp; CS)</i>
MVLI-574I-0	<i>Automatic Flush Valve (For Dripperline) (Special Districts)</i>
MVLI-574J-0	<i>Automatic Flush Valve (For Dripperline) (Parks &amp; CS)</i>
MVLI-574K-0	<i>Air / Vacuum Relief Valve (For Dripperline) (Special Districts)</i>
MVLI-574L-1	<i>Air / Vacuum Relief Valve (For Dripperline) (Parks &amp; CS)</i>
MVLI-580A-0	<i>Thrust Blocks (Special Districts)</i>
MVLI-580B-0	<i>Thrust Blocks (Parks &amp; CS)</i>
MVLI-581-0	<i>Box Identification (Parks &amp; CS)</i>
MVLI-582-0	<i>Christy Tag (Parks &amp; CS)</i>