

CITY OF MORENO VALLEY STANDARD PLANS

SECTION 6

GENERAL FACILITIES

City of Moreno Valley

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

SECTION 6: General Facilities

Parks Facilities

MVGF-600-0	<i>Parks and Community Services - General Notes</i>
MVGF-610A-1	<i>Multi-Use Trail</i>
MVGF-610B-0	<i>Multi-Use Trail</i>
MVGF-610C-0	<i>Multi-Use Trail</i>
MVGF-610D-0	<i>Multi-Use Trail</i>
MVGF-610E-0	<i>Multi-Use Feeder Trail</i>
MVGF-610F-0	<i>Multi-Use Trail</i>
MVGF-610G-0	<i>Multi-Use Trail</i>
MVGF-610H-0	<i>Multi-Use Trail</i>
MVGF-610I-1	<i>Multi-Use Trail</i>
MVGF-610J-0	<i>Multi-Use Trail</i>
MVGF-610K-0	<i>Multi-Use Trail</i>
MVGF-610L-0	<i>Riding and Hiking Trails</i>
MVGF-610M-0	<i>Multi-Use Trail Specifications</i>
MVGF-610N-1	<i>Multi-Use Trail Specifications</i>
MVGF-611-0	<i>Concrete Walk / Slab / Approach Adjacent To Trail</i>
MVGF-612-0	<i>Secondary Riding and Hiking</i>
MVGF-613A-0	<i>Trailhead Ingress / Egress Gate Detail</i>
MVGF-613B-0	<i>Single Trail Access Gate</i>
MVGF-613C-0	<i>Double Trail Access Gate</i>
MVGF-613D-0	<i>Double Trail Access Gate with Center Opening</i>
MVGF-613E-0	<i>EZ 55 Bracket with Post</i>
MVGF-614A-0	<i>24" x 24" Catch Basin</i>
MVGF-614B-0	<i>Typical Area Drain</i>
MVGF-615A-0	<i>Drinking Fountain Sump Drainage Detail</i>
MVGF-615B-0	<i>Drinking Fountain and Bottle Filler</i>
MVGF-616-0	<i>Cable Railing</i>
MVGF-617-0	<i>Hitching Rail</i>
MVGF-618A-0	<i>Electrical Pull Box for Parks</i>
MVGF-618B-0	<i>Trench Details for Conduit Installations in Parks</i>
MVGF-619-0	<i>Retaining Walls for Pad-Mounted Meter Enclosures</i>
MVGF-620A-0	<i>Graphic Plan, Two Sided Sign (96" L x 60" HT)</i>
MVGF-620B-0	<i>Construction Plan, Two Sided Sign (90" L x 60" HT)</i>
MVGF-620C-0	<i>Construction Plan, Sign Base (12" W x 102" L)</i>
MVGF-620D-0	<i>Installation Plan, Two Sided Sign (96" L x 60" HT)</i>
MVGF-621A-0	<i>Graphic Plan, One Sided Sign (96" L x 60" HT)</i>
MVGF-621B-0	<i>Construction Plan, One Sided Sign (96" L x 60" HT)</i>
MVGF-621C-0	<i>Construction Plan, Sign Base (12" W x 102" L)</i>
MVGF-621D-0	<i>Installation Plan, One Sided Sign (96" L x 60" HT)</i>
MVGF-622-0	<i>Horse Watering Station</i>
MVGF-623A-1	<i>Parking Lots</i>
MVGF-623B-0	<i>Join Existing Parking Lot Pavement Detail</i>

City of Moreno Valley

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

SECTION 6: **General Facilities (Continued)**

<i>MVGF-623C-1</i>	<i>Concrete Pavement Joint</i>
<i>MVGF-623D-0</i>	<i>Parks Striping and Pavement Legend Standards & Specifications</i>
<i>MVGF-623E-0</i>	<i>Type 6 Integral Curb and Gutter for Parks</i>
<i>MVGF-623F-0</i>	<i>Type 8A Curb for Parks</i>
<i>MVGF-623G-0</i>	<i>Type C Rolled Curb for Parks</i>
<i>MVGF-623H-0</i>	<i>Curb Separated Walkway for Parks</i>
<i>MVGF-623I-0</i>	<i>Walk Way Placement around Obstructions for Parks</i>
<i>MVGF-623J-0</i>	<i>Tree Well for Parks</i>
<i>MVGF-623K-0</i>	<i>Commercial Driveway Approach for Parks</i>
<i>MVGF-624A-0</i>	<i>Parks Facility Dedication Plaque</i>
<i>MVGF-624B-0</i>	<i>Parks Dedication Plaque Pedestal</i>
<i>MVGF-625A-0</i>	<i>Sign Post Installation in Parks</i>
<i>NVGF-625B-0</i>	<i>Parks Sign Post Installation Notes</i>
<i>MVGF-626-0</i>	<i>Concrete Light Pole Base</i>
<i>MVGF-627A-0</i>	<i>Pole Base Fixture Footing For Parks</i>
<i>MVGF-627B-0</i>	<i>Light Pole With Above Grade Pole Base</i>

Fences and Gates

<i>MVGF-640-0</i>	<i>3-Rail PVC Fence</i>
<i>MVGF-641-0</i>	<i>Park Projects Chain Link Fence and Gates</i>
<i>MVGF-642-0</i>	<i>Fire Access Gate</i>
<i>MVGF-643A-0</i>	<i>Steel Fence & Gate</i>
<i>MVGF-643B-0</i>	<i>Steel Fence & Gate for Cell Sites</i>
<i>MVGF-644-0</i>	<i>Modified Extended Detention Basin Fence & Gate Detail Guide</i>

Retaining Wall

<i>MVGF-650A-0</i>	<i>Retaining Wall Notes for Electrical Facilities</i>
<i>MVGF-650B-0</i>	<i>Retaining Wall Sections for Electrical Facilities</i>

Waste Enclosure

<i>MVGF-660A-1</i>	<i>Dual Bin Covered Waste Enclosure For Parks Case A</i>
<i>MVGF-660B-1</i>	<i>Dual Bin Covered Waste Enclosure For Parks Case B</i>
<i>MVGF-660C-1</i>	<i>Dual Bin Covered Waste Enclosure For Parks Notes</i>
<i>MVGF-660D-1</i>	<i>Waste Enclosure Gate for Parks</i>
<i>MVGF-660E-1</i>	<i>Waste Enclosure Wall and Footing for Parks</i>
<i>MVGF-660F-1</i>	<i>Waste Enclosure Gate Hinge for Parks</i>

City of Moreno Valley

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

SECTION 6: **General Facilities (Continued)**

Building Facilities

MVGF-670A-0	<i>Facility Dedication Plaque</i>
MVGF-670B-0	<i>Dedication Plaque Pedestal</i>




SECTION 7: **Electric Utility**

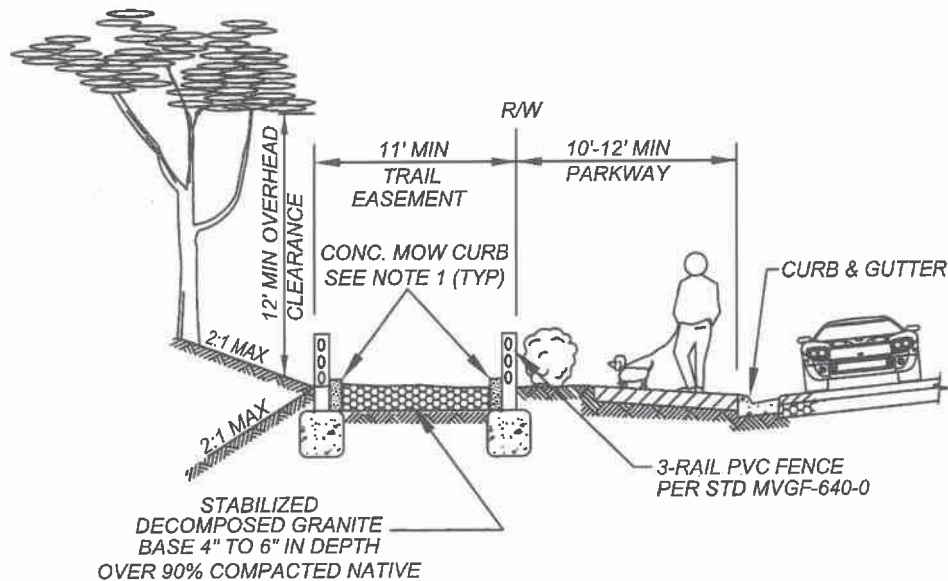
MVEU-700-0	<i>Title Sheet Base (for Electric Utility Division)</i>
MVEU-701-0	<i>Conduits & Cable Call-Outs</i>
MVEU-702-0	<i>Structure & Equipment Symbols</i>
MVEU-703-0	<i>Equipment Legends</i>
MVEU-704-0	<i>Vicinity & Project Map</i>
MVEU-705-0	<i>Approved Status Stamp</i>
MVEU-706A-0	<i>Designer Declaration</i>
MVEU-706B-0	<i>Engineer's Notice to Contractor</i>
MVEU-707A-0	<i>Statement of Plan Review</i>
MVEU-707B-0	<i>Statement of Plan Review</i>
MVEU-708-0	<i>Design Information</i>
MVEU-709-0	<i>Dry Utilities Trench Section</i>
MVEU-710A-0	<i>Electrical Singleline Diagram Residential</i>
MVEU-710B-0	<i>Electrical Singleline Diagram Backbone</i>
MVEU-711A-0	<i>48" x 54" Pad for Pad Mounted & Mini Pad Mounted Transformer</i>
MVEU-711B-0	<i>Mini Pad Mounted Transformer Cable Connections</i>
MVEU-712-1	<i>66" x 72" Pad for 75kVA - 300kVA Pad Mounted Transformers</i>
MVEU-713-0	<i>72" x 94" Pad for 75kVA - 500kVA Pad Mounted Transformers</i>
MVEU-714-0	<i>6' x 8'-6" Pad with Box for 75kVA-500kVA Pad Mounted Transformers</i>
MVEU-715-0	<i>8' x 10' Pad with Box for 750kVA-1000kVA Pad Mounted Transformers</i>
MVEU-716-0	<i>10' x 12' Pad with Box for 1500kVA - 2500kVA Pad Mounted Transformers</i>
MVEU-717-0	<i>72" x 94" Pad for Pad-Mounted Capacitors</i>
MVEU-718-0	<i>Pad Mounted Switch Enclosure Detail 5' x 10'-6" x 7'</i>
MVEU-719-0	<i>17" x 30" x 24" Pull Box for Service Connection</i>
MVEU-720-0	<i>10.5" x 17" x 24" Pull Box for Street Light Connection</i>
MVEU-721-0	<i>Precast Concrete Parkway Enclosure 2' x 3' x 5' and 3' x 5' x 5'</i>
MVEU-722-0	<i>Protective Barriers for Equipment and Structures Subject to Traffic Locations</i>
MVEU-723-0	<i>Retaining Walls for Pad-Mounted Switches and Transformers</i>
MVEU-724A-0	<i>Joint Trench Details for Conduit Installations</i>
MVEU-724B-0	<i>Electric Only Trench Details for Conduit Installations</i>
MVEU-725-0	<i>Surface Operable Enclosure 5' x 8.5' x 5'</i>
MVEU-726-0	<i>Vault 6' x 12' x 7'</i>
MVEU-727A-0	<i>Conduit Bank Requirements - Installation in a Bore</i>

DEPARTMENT OF PARKS AND COMMUNITY SERVICES GENERAL NOTES:

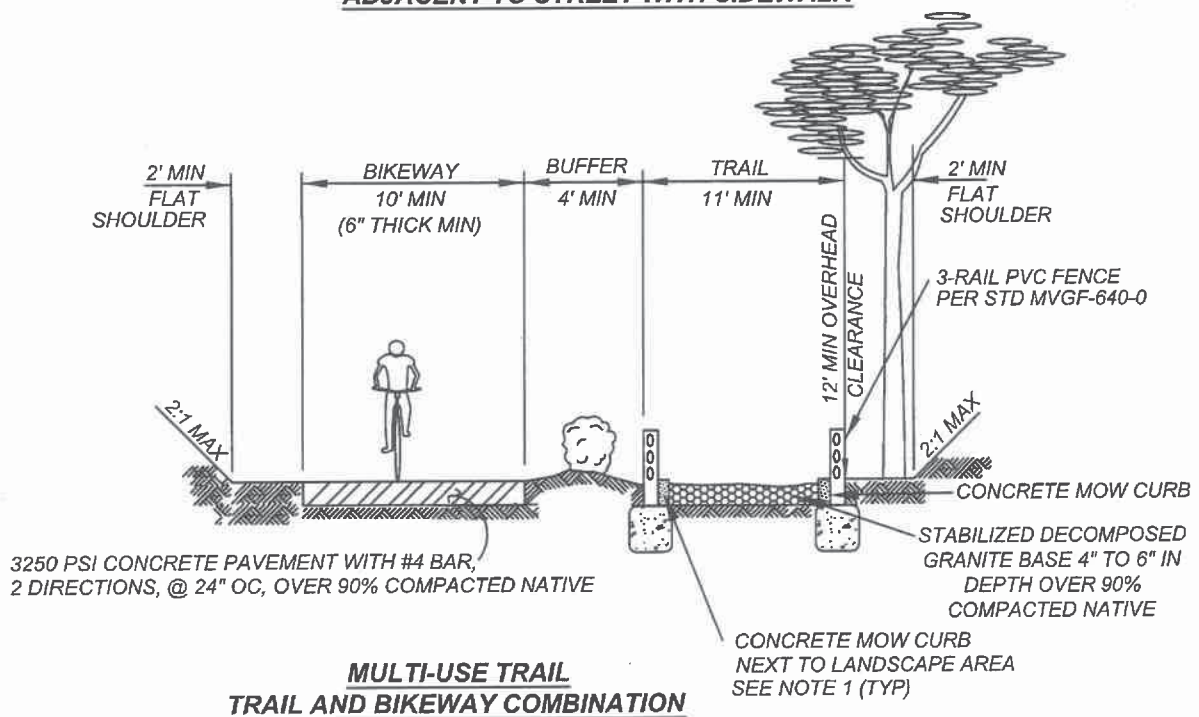
- A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT VERSIONS (AT TIME OF CONSTRUCTION) OF : THE CITY OF MORENO VALLEY PARK AND COMMUNITY SERVICES LANDSCAPE DEVELOPMENT GUIDELINES, SPECIFICATIONS, DRAWINGS, GREENBOOK SPECIFICATIONS FOR PUBLIC WORKS PROJECTS, AND THE CALIFORNIA BUILDING CODE.
- B. TURF AREAS SHALL HAVE A MAXIMUM DESIGN SLOPE OF 20% AND A MINIMUM DESIGN OF 1%.
- C. ALL CONCRETE SHALL ADHERE TO THE "GREENBOOK" FOR ITS SPECIFIC TYPE OF APPLICATION. MINIMUM REQUIREMENTS ARE 2500 PSI WITH NO SUBSTITUTES FOR PORTLAND CEMENT. COLOR AND FINISH SAMPLES SHALL BE PROVIDED TO THE PARKS AND COMMUNITY SERVICES PROJECT MANAGER FOR APPROVAL PRIOR TO INSTALLATION. PUMP MIXES SHALL BE 3250 PSI.
- D. CONTRACTOR / DEVELOPER SHALL PROVIDE A 12", #4 REINFORCED CONCRETE MOW STRIP BETWEEN TURF AND GROUND COVER AND A 12" CONCRETE MOW STRIP BETWEEN TURF AND WALLS, UNLESS SPECIFICALLY AUTHORIZED OTHERWISE BY PARKS AND COMMUNITY SERVICES.
- E. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING GRADING AND BUILDING PERMITS PRIOR TO COMMENCING CONSTRUCTION. PARKS AND COMMUNITY SERVICES WILL OBTAIN BUILDING PERMITS FOR CITY FUNDED PROJECTS.
- F. THE CONTRACTOR MUST NOTIFY THE PARKS AND COMMUNITY SERVICES PROJECT MANAGER AND THE BUILDING AND SAFETY DIVISION A MINIMUM OF TWO (2) WORKING DAYS (MONDAY - FRIDAY, EXCLUDING HOLIDAYS) PRIOR TO COMMENCING CONSTRUCTION AND / OR INSPECTION.
- G. ALL CONSTRUCTION WORK SHALL BE PERFORMED MONDAY THROUGH FRIDAY (EXCLUDING HOLIDAYS), BETWEEN THE HOURS OF 7 AM AND 4 PM. ANY EXCEPTIONS TO THIS SCHEDULE MUST BE APPROVED IN WRITING FROM PARKS AND COMMUNITY SERVICES.
- H. LANDSCAPE OR IRRIGATION CONTRACTOR SHALL VERIFY EXISTING WATER PRESSURE AT THE JOB SITE PRIOR TO INSTALLING LANDSCAPE IRRIGATION SYSTEM. A GAUGE THAT RECORDS MAINLINE PRESSURE AND FLOW IS REQUIRED FOR 24 HOUR / 7 DAY PERIOD.
- I. A MAINLINE TEST (IRRIGATION AND PORTABLE WATER) AT 150 PSI FOR 4 HOURS SHALL BE SCHEDULED WITH PARKS AND COMMUNITY SERVICES. IF WATER PRESSURE IS LESS THAN DESIGNED PRESSURE, THE CONTRACTOR WILL CONTACT THE ARCHITECT REGARDING THE FINDINGS AND WILL CEASE IRRIGATION WORK UNTIL A SOLUTION IS PROVIDED AND APPROVED IN WRITING BY THE PARKS AND COMMUNITY SERVICES PROJECT MANAGER. MAINLINE TESTS MUST HAVE ALL APPURTENANCES ATTACHED (VALVES, UNIONS, ETC.)
- J. THE CONTRACT IS RESPONSIBLE FOR INSTALLING AN IRRIGATION SYSTEM THAT PROVIDES COMPLETE COVERAGE TO PLANT MATERIAL IN A MATURE STAGE. IRRIGATION MODIFICATIONS MAY BE REQUIRED TO KEEP WATER OFF OF LIGHT FIXTURES, DRINKING FOUNTAINS, PLAY EQUIPMENT, PICNIC AREAS, STRUCTURES, FENCING, SIDEWALKS, ETC.
- K. AT THE CONCLUSION OF ROUGH GRADING, AGRONOMIC SOILS TESTING SHALL BE PROVIDED FOR THE PUBLIC LANDSCAPED AREA AND AREAS THAT ARE ADJACENT TO PUBLIC RIGHT-OF-WAY AND THE RESULTS APPROVED BY PARKS AND COMMUNITY SERVICES, PRIOR TO ANY LANDSCAPE INSTALLATION.
- L. A COMPREHENSIVE SOILS TEST IS REQUIRED PRIOR TO PLACING ANY CONCRETE (PCC OR AC) AND BACK FILLED TRENCHES. THIS WILL BE USED TO DETERMINE THE CONCRETE DESIGN AND NECESSITY OF ADDITIONAL BASE MATERIALS ABOVE THE DESIGN ON THE PLANS AND CITY STANDARDS. THE PLAN DESIGN AND CITY STANDARDS SHALL SET THE MINIMUM STANDARDS.
- M. ALL LOAD TICKETS OR RECEIPTS SHALL BE PROVIDED TO PARKS AND COMMUNITY SERVICES WITHIN 24 HOURS OF RECEIPT OF PRODUCT. COPIES OF LOAD TICKETS / RECEIPTS INCLUDE BUT ARE NOT LIMITED TO CONCRETE; SOIL AND LANDSCAPE PRODUCTS; PLANT MATERIAL; FENCING AND BUILDING MATERIALS.
- N. ALL 'SUBMITTALS' AND SHOP DRAWINGS SHALL BE PROVIDED TO PARKS AND COMMUNITY SERVICES WITHIN THE FIRST 30-DAYS OF THE AWARD OF CONTRACT.
- O. ALL MATERIALS SHALL BE AS SPECIFIED WITHIN THE PLANS AND SPECIFICATIONS. 'EQUALS OR SUBSTITUTIONS' WILL ONLY BE CONSIDERED WITHIN THE FIRST 30-DAYS AFTER THE AWARD OF CONTRACT. THE PARKS AND COMMUNITY SERVICES PROJECT MANAGER SHALL APPROVE IN WRITING ALL 'EQUALS OR SUBSTITUTIONS'. THE CONTRACTOR SHALL REPLACE AT THE CONTRACTOR'S COST ANY PRODUCT UTILIZED THAT HAS NOT BEEN APPROVED IN WRITING BY THE PARKS AND COMMUNITY SERVICES PROJECT MANAGER.
- P. THE CONTRACTOR SHALL COORDINATE WITH AND NOTIFY THE PARKS AND COMMUNITY SERVICES PROJECT MANAGER OF THE REQUIRED PRE-CONSTRUCTION MEETING TO BE HELD ON SITE.
- Q. THE CONTRACTOR OR DEVELOPER SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER PARKS AND COMMUNITY SERVICES ACCEPTS THE SITE IMPROVEMENTS.
- R. THE CONTRACTOR OR DEVELOPER SHALL MAINTAIN ALL LANDSCAPING FOR A PERIOD OF ONE (1) YEAR AFTER THE PARKS AND COMMUNITY SERVICES HAS ACCEPTED ALL IMPROVEMENTS FOR MAINTENANCE WITHIN COMMUNITY SERVICES DISTRICTS. BOND'S SHALL BE REQUIRED IN THE AMOUNT TO COVER THE WORK. CITY FUNDED PROJECTS ARE EXEMPT FROM THIS REQUIREMENT.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE: 9/10/19	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / DATE: 10/11/19 CITY ENGINEER		
	PARKS AND COMMUNITY SERVICES GENERAL NOTES		STANDARD PLAN MVGF-600-0 SHEET 1 OF 1



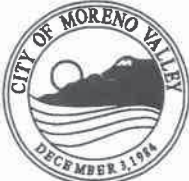
MULTI-USE TRAIL
ADJACENT TO STREET WITH SIDEWALK

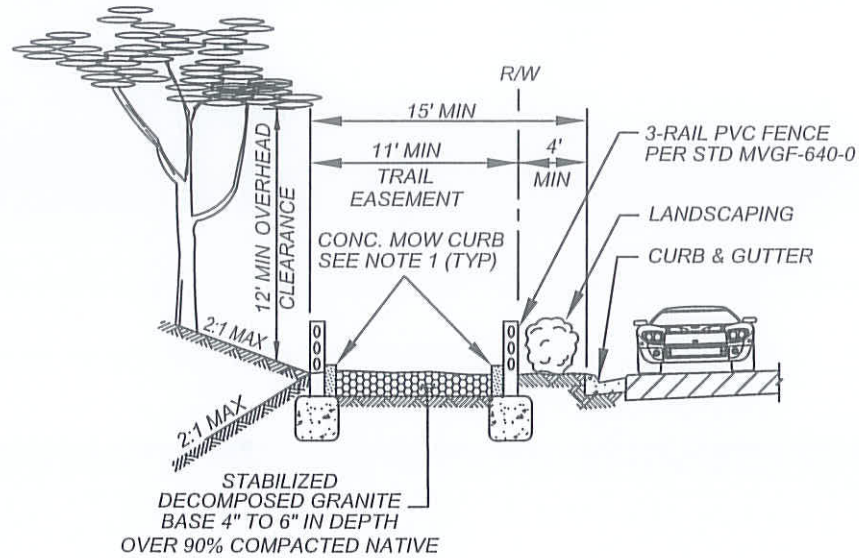


NOTES:

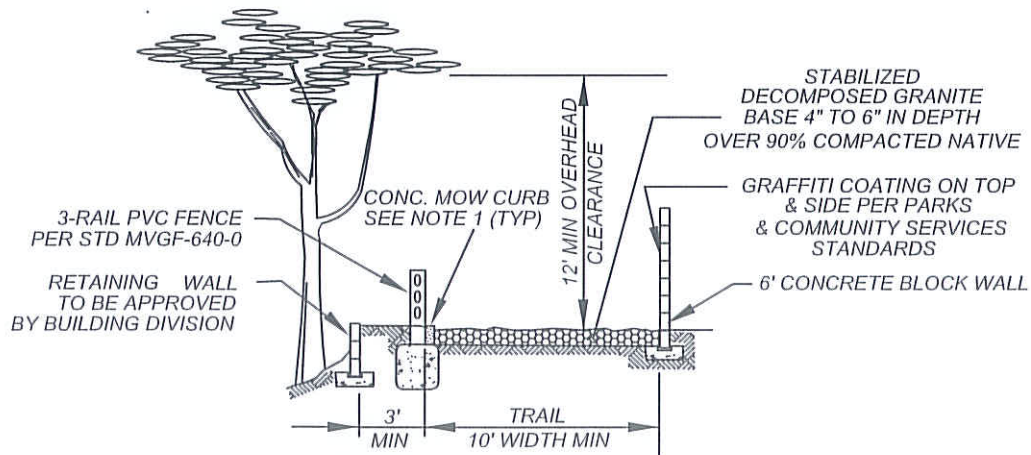
- 1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).
- 2.) CLASS I & II BIKE ROUTES TO BE STRIPED AND DESIGNATED WITH SIGNAGE.
- 3.) CLASS III BIKE ROUTES DESIGNATED WITH SIGNAGE ONLY.

NOT TO SCALE

	RECOMMENDED:	 6/20/19	<h2 style="margin: 0;">CITY OF MORENO VALLEY</h2> <p style="margin: 0;">PARKS AND COMMUNITY SERVICES DEPARTMENT</p>	STANDARD PLAN
	DIVISION MANAGER	DATE	<h3 style="margin: 0;">MULTI-USE TRAIL</h3>	<h3 style="margin: 0;">MVGF-610A-1</h3>
	APPROVED:			
	PUBLIC WORKS DIRECTOR / CITY ENGINEER	DATE		
		7/30/19		SHEET 1 OF 14



MULTI-USE TRAIL
ADJACENT TO STREET WITHOUT SIDEWALK

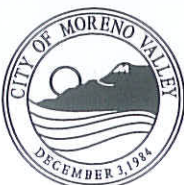


SECONDARY MULTI-USE TRAIL
ADJACENT TO FENCE, BLOCK WALL
OR RETAINING WALL

NOTES:

1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).

NOT TO SCALE



RECOMMENDED:

[Signature] 11/21/14
DIVISION MANAGER DATE

[Signature] 1/29/14
APPROVED
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY

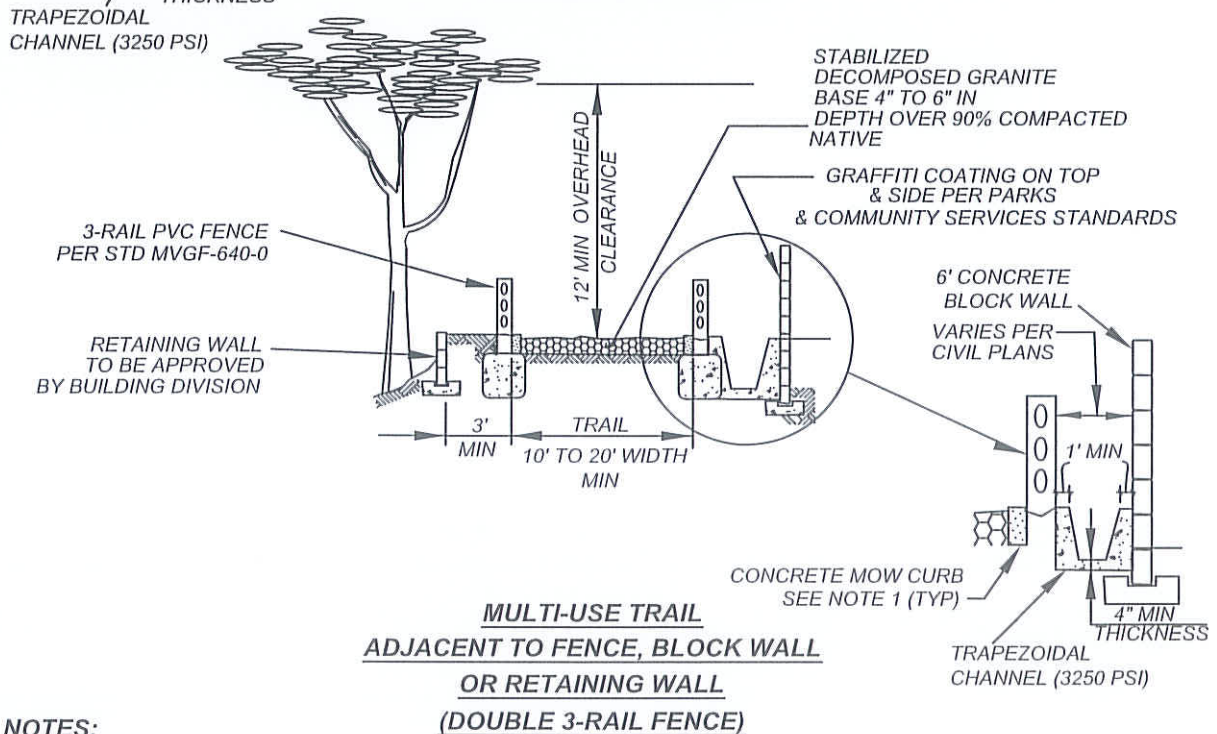
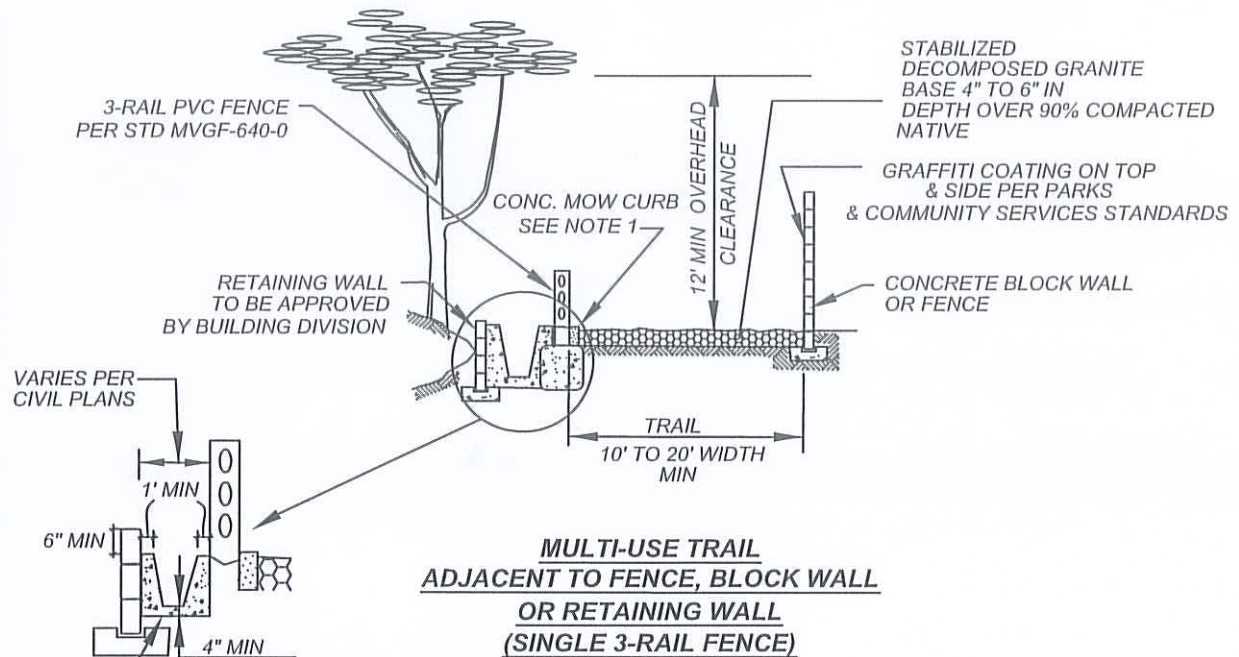
PARKS AND COMMUNITY SERVICES DEPARTMENT

MULTI-USE TRAIL

STANDARD PLAN

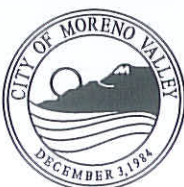
MVGF-610B-0

SHEET 2 OF 14



NOTES:

- 1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).
- 2.) TRAIL SHALL BE PROTECTED WITH 3 - RAIL PVC FENCE ADJACENT TO DRAINAGE TRAPEZOIDAL CHANNEL. NOT TO SCALE



RECOMMENDED:

[Signature] 1/21/14
DIVISION MANAGER DATE

APPROVED:

[Signature] 1/29/14
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY

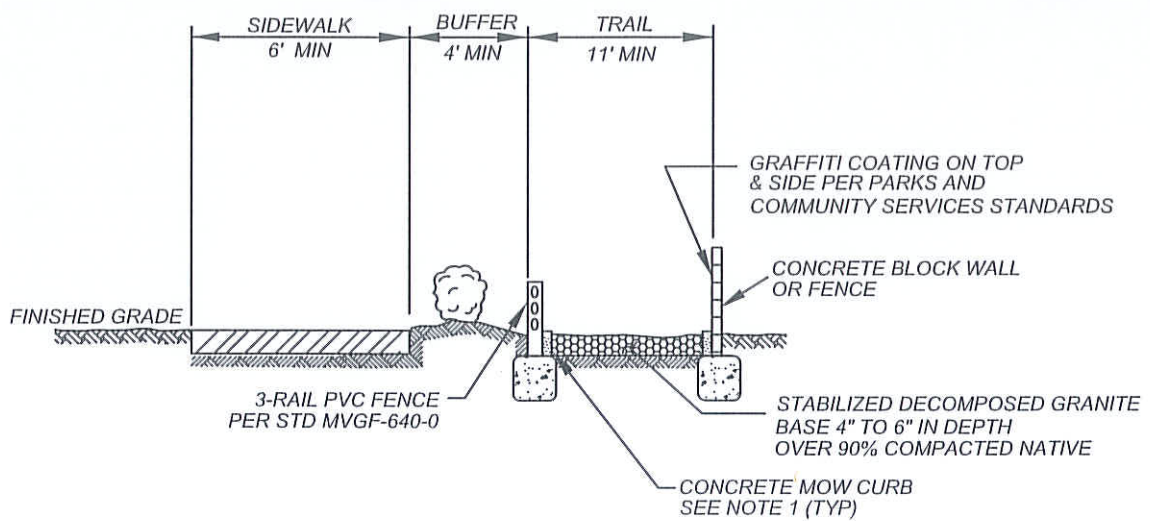
PARKS AND COMMUNITY SERVICES DEPARTMENT

MULTI-USE TRAIL

STANDARD PLAN

MVGF-610C-0

SHEET 3 OF 14



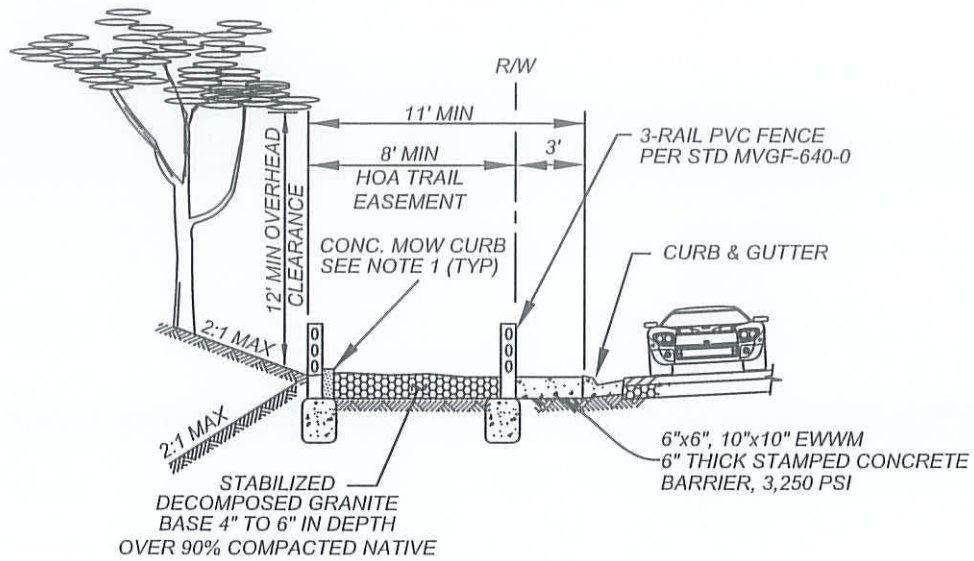
TRAIL AND SIDEWALK COMBINATION

NOTES:

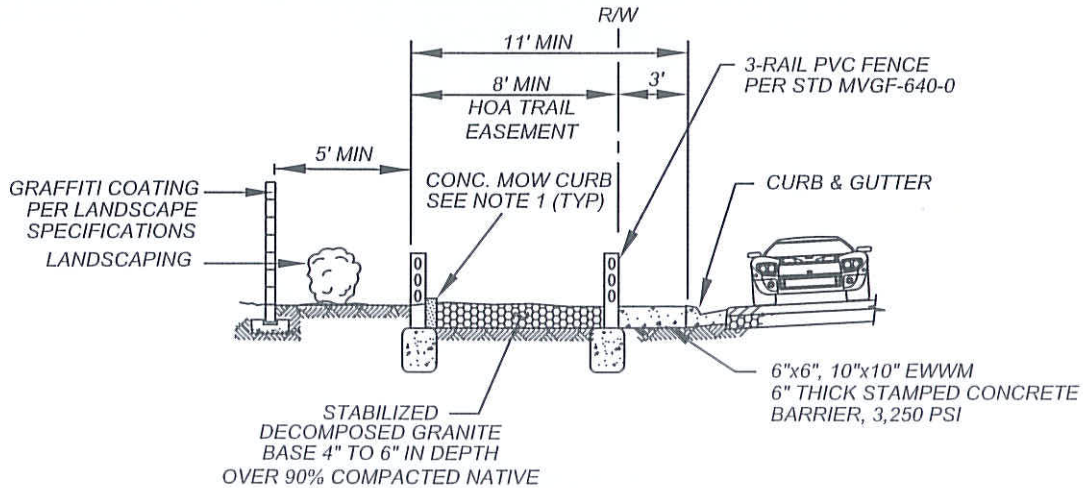
- 1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).

NOT TO SCALE

	RECOMMENDED:	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	DIVISION MANAGER <i>FD</i> 1/21/14 DATE		
	APPROVED:	MULTI-USE TRAIL	
	PUBLIC WORKS DIRECTOR / DATE <i>MM</i> 1/29/14 CITY ENGINEER		
		STANDARD PLAN	MVGF-610D-0
		SHEET 4 OF 14	



HOA MULTI-USE FEEDER TRAIL
ADJACENT TO STREET WITHOUT SIDEWALK



HOA SIDEYARD
MULTI-USE FEEDER TRAIL
ADJACENT TO STREET WITHOUT SIDEWALK

NOTES:

- 1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).
- 2.) THE 3' WIDE STAMPED CONCRETE BARRIER SHALL BE COBBLESTONE RUNNING BOND PATTERN BY L. M. SCOFIELD WITH OMAHA TAN COLORING BY DAVIS COLORING OR APPROVED EQUAL.
- 3.) THE 3' STAMPED CONCRETE AREA BEHIND CURB IS DESIGNED TO BE FOR UTILITY EASEMENTS.

NOT TO SCALE



RECOMMENDED:

[Signature] 1/21/14
 DIVISION MANAGER DATE

APPROVED:

[Signature] 1/29/14
 PUBLIC WORKS DIRECTOR / DATE
 CITY ENGINEER

CITY OF MORENO VALLEY

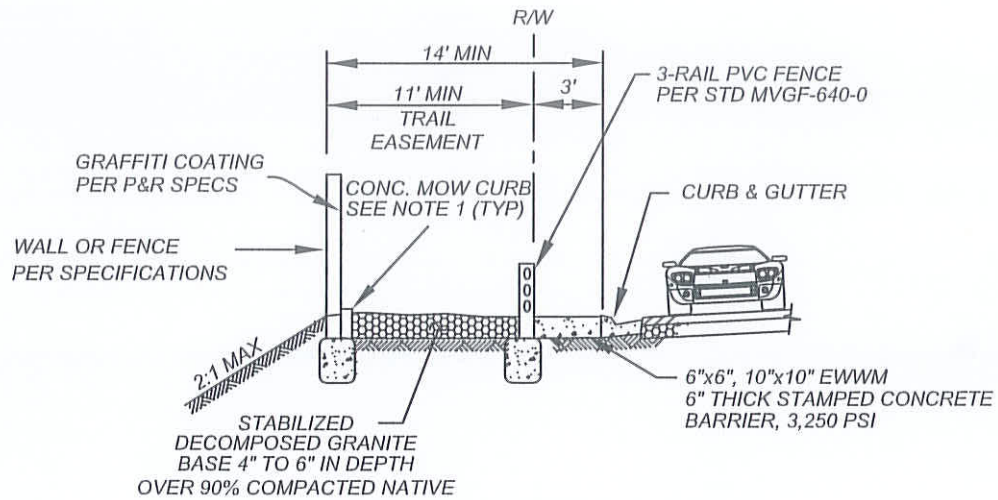
PARKS AND COMMUNITY SERVICES DEPARTMENT

MULTI-USE FEEDER TRAIL

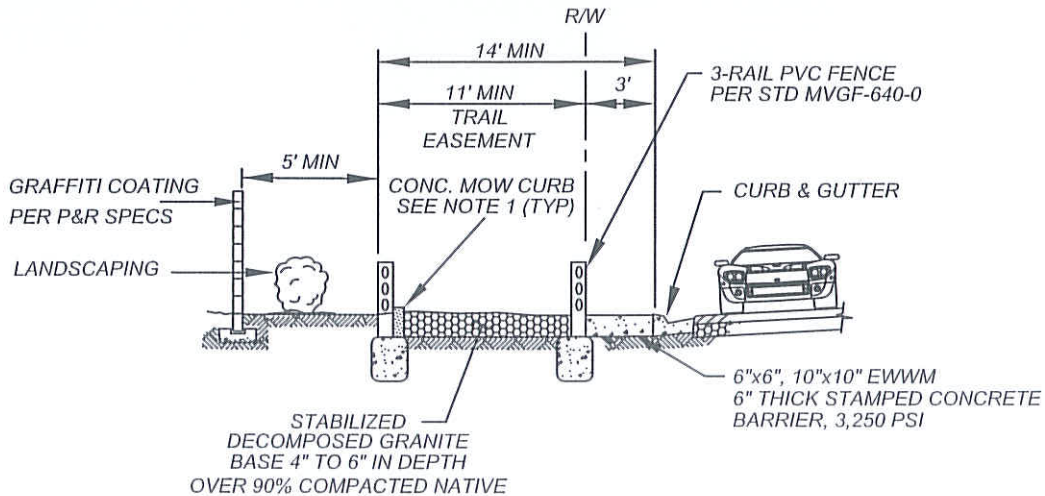
STANDARD PLAN

MVGF-610E-0

SHEET 5 OF 14



MULTI-USE TRAIL
ADJACENT TO STREET WITHOUT SIDEWALK



MULTI-USE TRAIL & PLANTER
ADJACENT TO STREET WITHOUT SIDEWALK

NOTES:

- 1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).
- 2.) THE 3' WIDE STAMPED CONCRETE BARRIER SHALL BE COBBLESTONE RUNNING BOND PATTERN BY L. M. SCOFIELD WITH OMAHA TAN COLORING BY DAVIS COLORING OR APPROVED EQUALS.

NOT TO SCALE



RECOMMENDED:

JLB 1/21/14
DIVISION MANAGER DATE

APPROVED:

[Signature] 1/29/14
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY

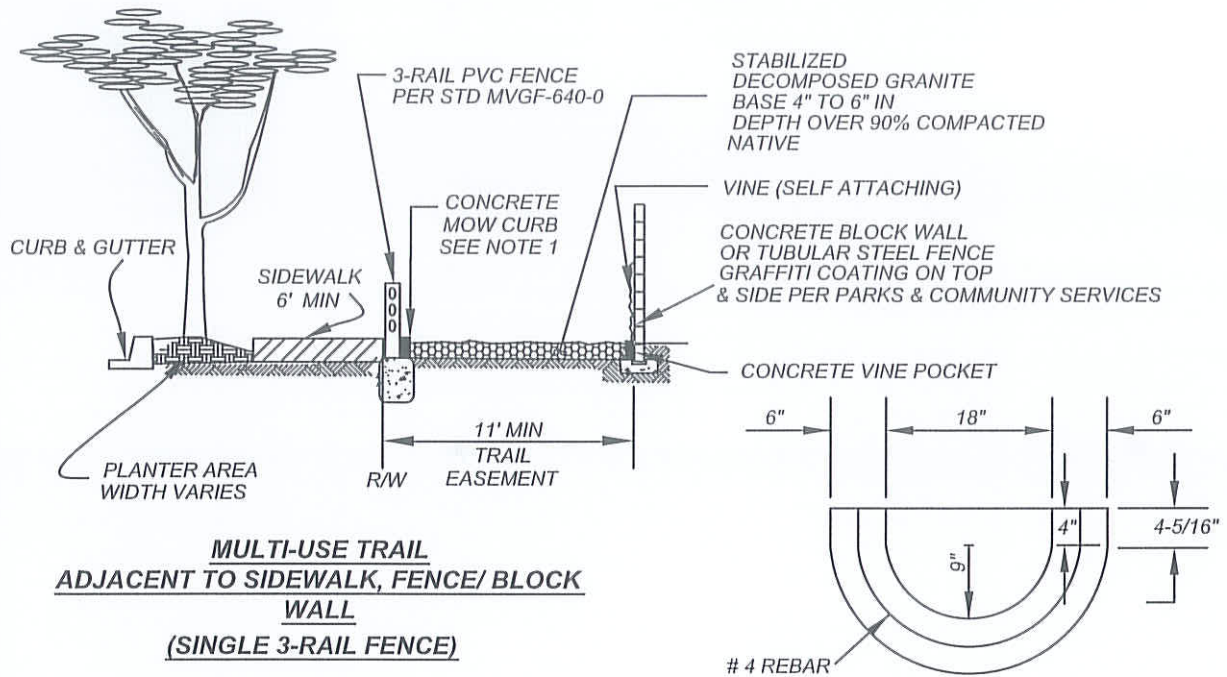
PARKS AND COMMUNITY SERVICES DEPARTMENT

MULTI-USE TRAIL

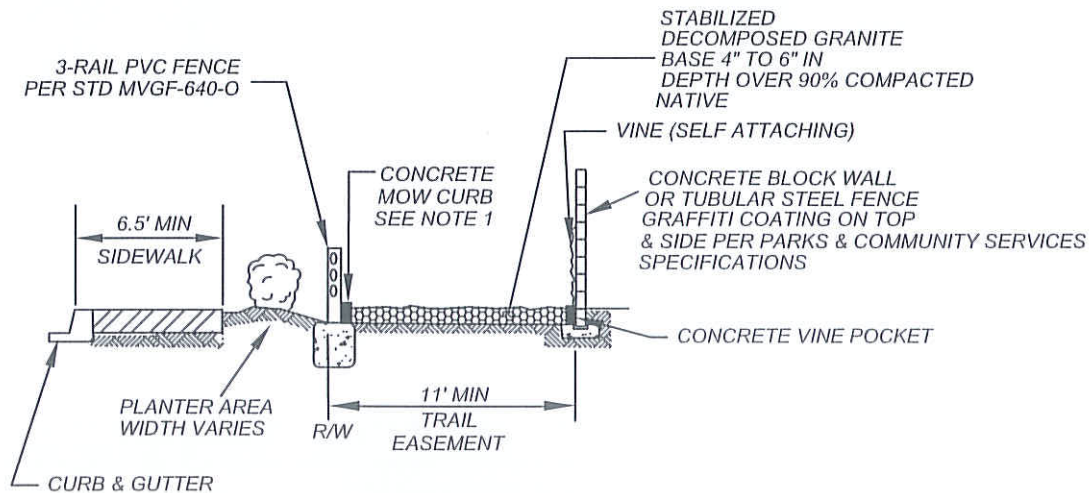
STANDARD PLAN

MVGF-610F-0

SHEET 6 OF 14



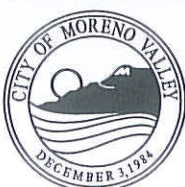
6" THICK CONCRETE VINE POCKET



NOTES:

- 1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).
- 2.) CONCRETE VINE POCKET REQUIRED TO PROTECT VINE.

NOT TO SCALE



RECOMMENDED:

[Signature] 1/21/14
DIVISION MANAGER DATE

APPROVED:

[Signature] 1/29/14
PUBLIC WORKS DIRECTOR/ DATE
CITY ENGINEER

CITY OF MORENO VALLEY

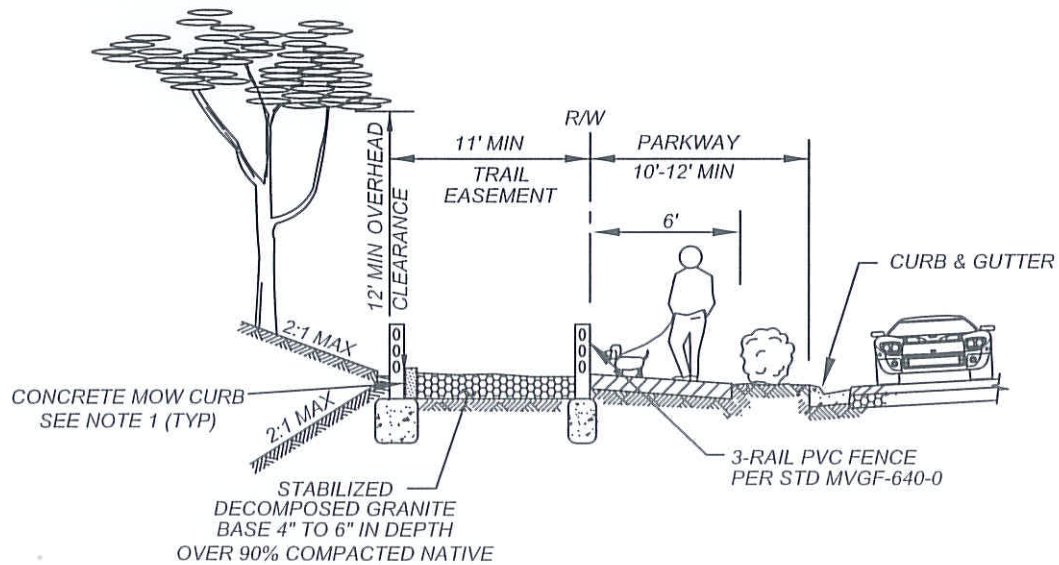
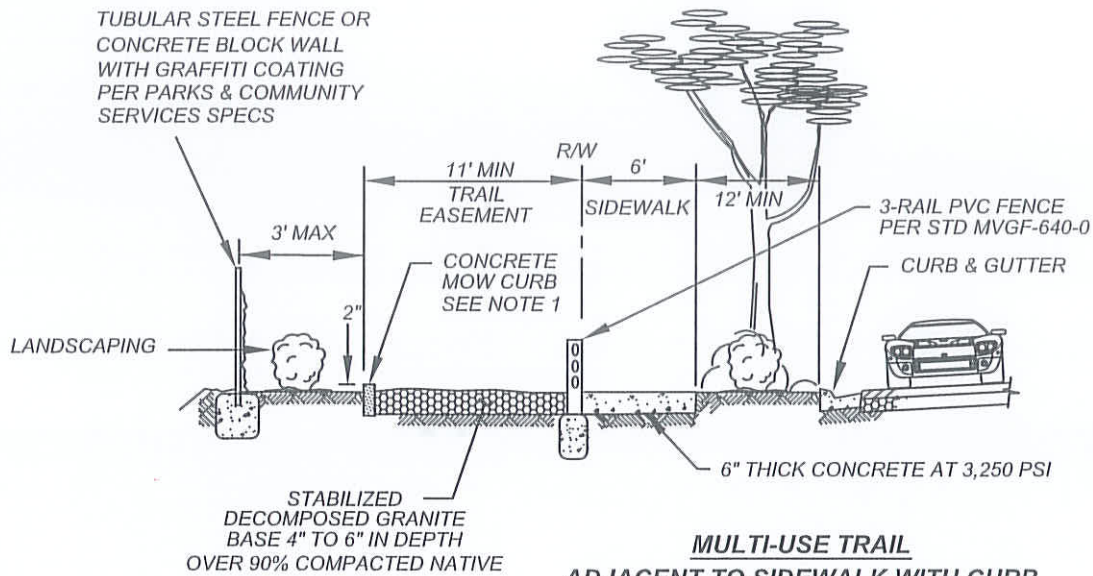
PARKS AND COMMUNITY SERVICES DEPARTMENT

MULTI-USE TRAIL

STANDARD PLAN

MVGF-610G-0

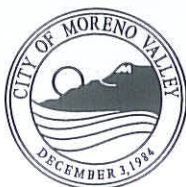
SHEET 7 OF 14



NOTES:

- 1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVED:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

DATE

CITY OF MORENO VALLEY

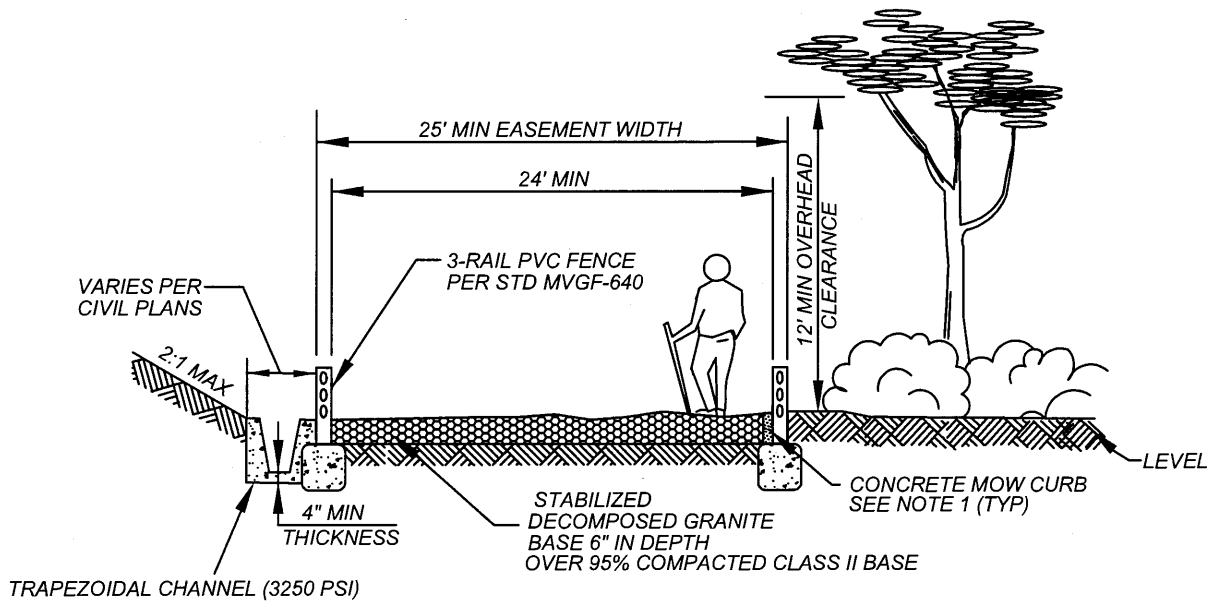
PARKS AND COMMUNITY SERVICES DEPARTMENT

MULTI-USE TRAIL

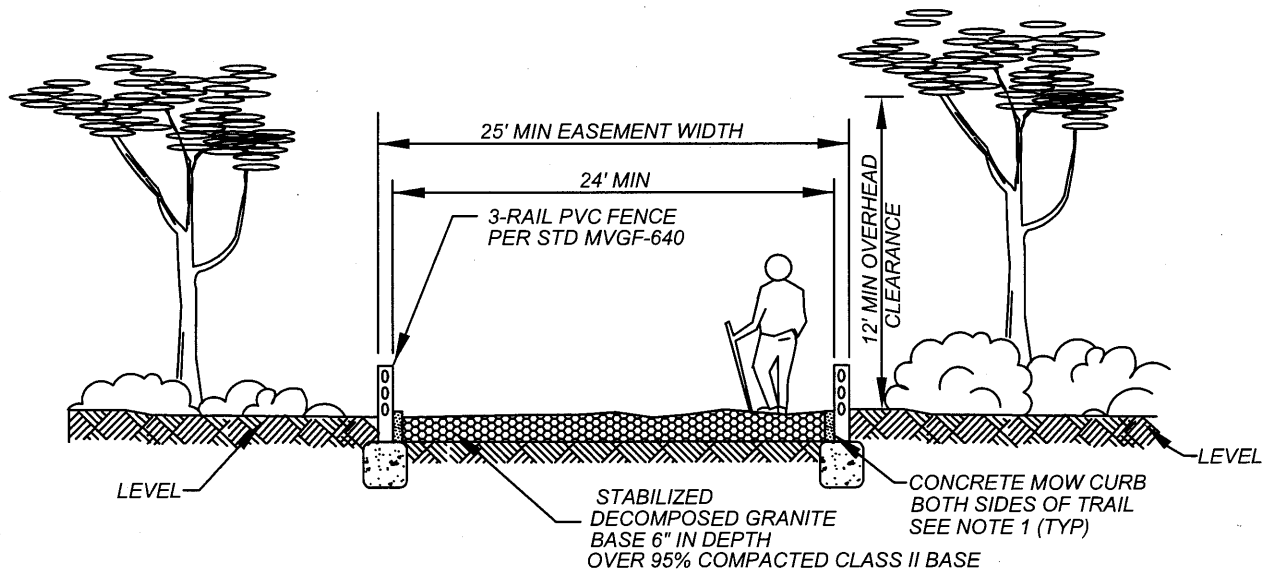
STANDARD PLAN

MVGF-610H-0

SHEET 8 OF 14



MULTI-USE TRAIL WITH FIRE ACCESS

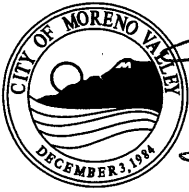

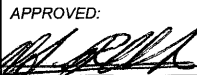


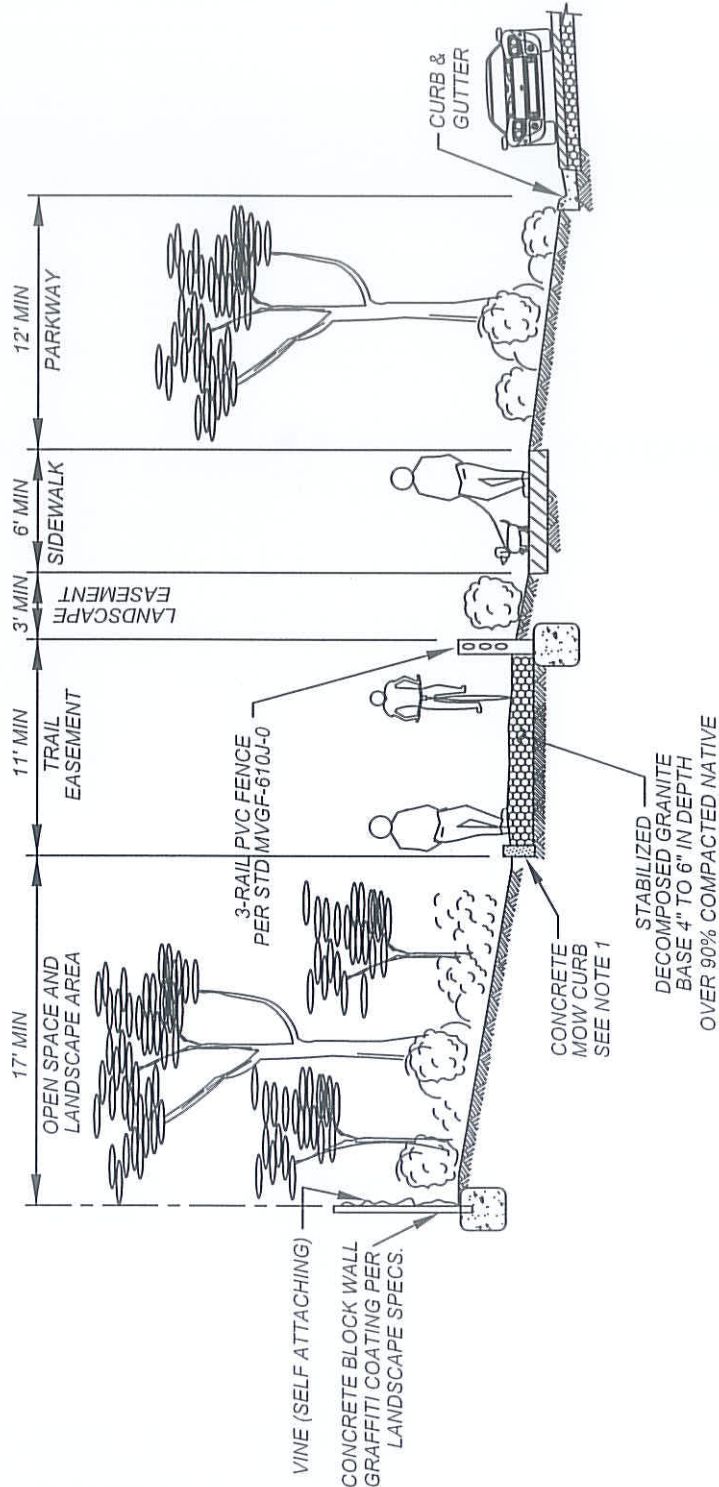
MULTI-USE TRAIL WITH FIRE ACCESS

NOTES:

- 1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B FOR MOW CURB DETAIL).
- 2.) ALL CONCRETE SHALL BE 560C-3250, DAVIS OMAHA TAN.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE 12/23/16	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT MULTI-USE TRAIL		STANDARD PLAN MVGF-610I-1
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE 1/20/17			SHEET 9 OF 14

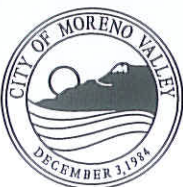


**MULTI-USE TRAIL
TRAIL, SIDEWALK, LANDSCAPE AREA AND
PARKWAY COMBINATION**

NOTES:

1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).

NOT TO SCALE

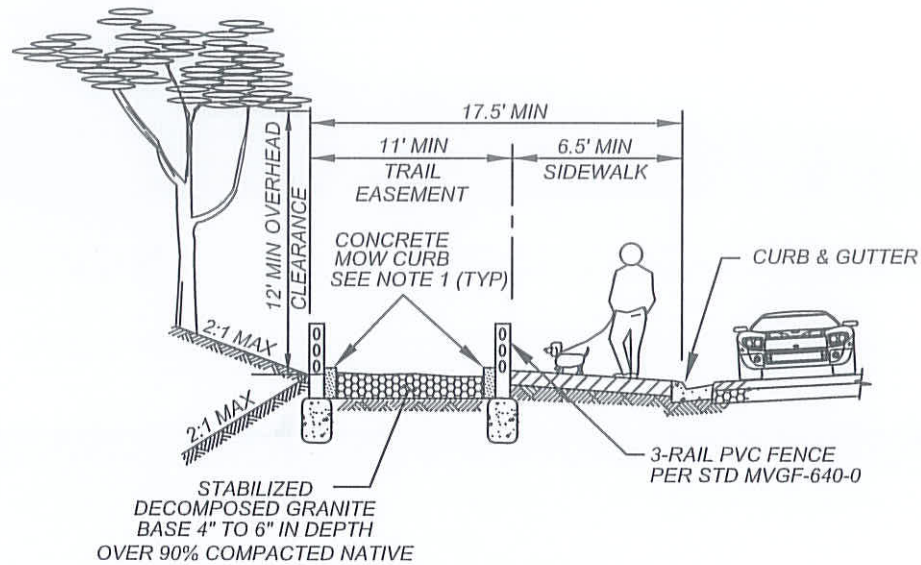


RECOMMENDED:
 1/21/14
 DIVISION MANAGER DATE
 APPROVED:
 1/29/14
 PUBLIC WORKS DIRECTOR / DATE
 CITY ENGINEER

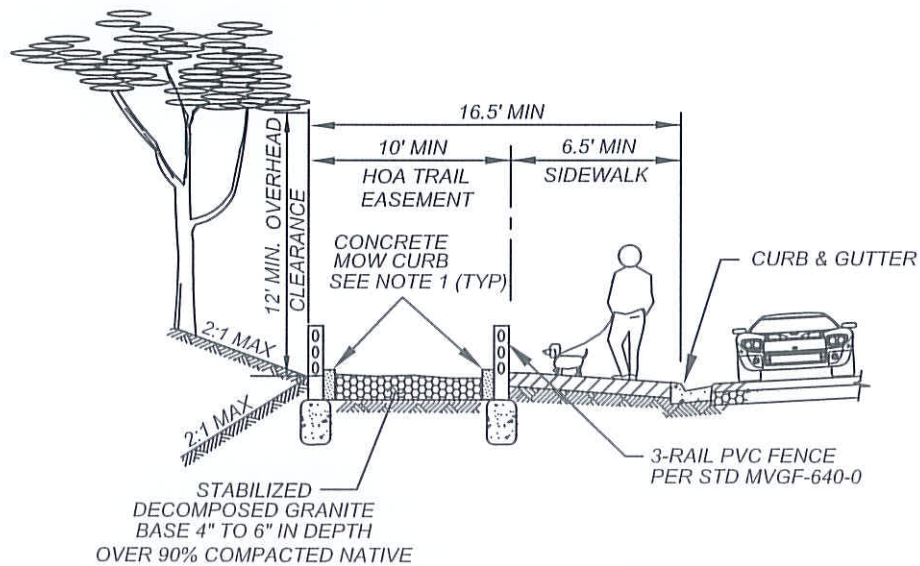
CITY OF MORENO VALLEY
 PARKS AND COMMUNITY SERVICES DEPARTMENT

MULTI-USE TRAIL

STANDARD PLAN
MVGF-610J-0
 SHEET 10 OF 14



MULTI-USE TRAIL
ADJACENT TO STREET WITH SIDEWALK

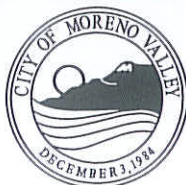


HOA MULTI-USE TRAIL
ADJACENT TO STREET WITH SIDEWALK

NOTES:

- 1.) CONCRETE MOW CURB REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVED:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

DATE

CITY OF MORENO VALLEY

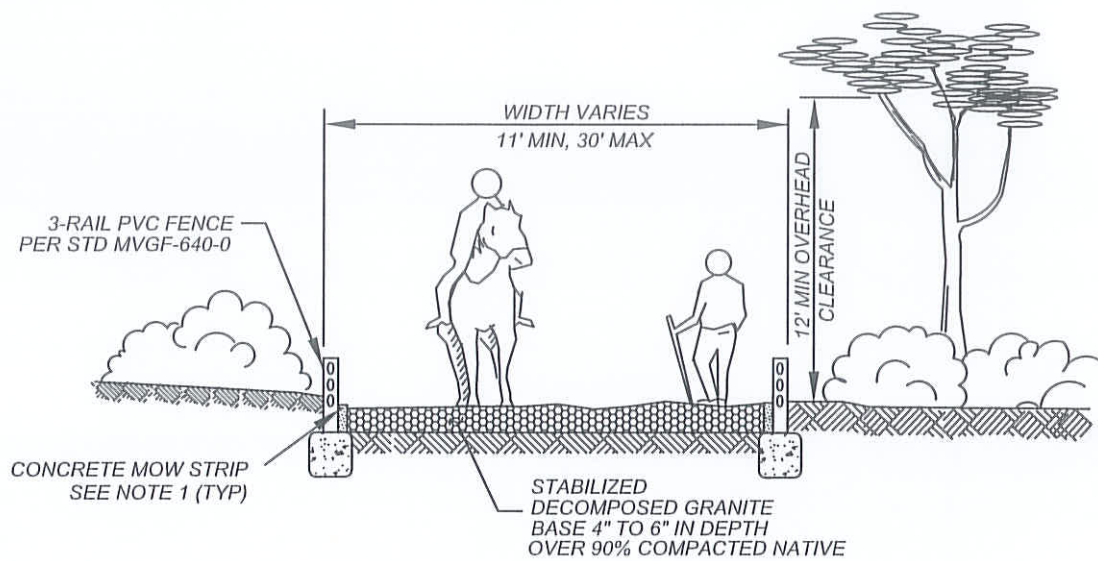
PARKS AND COMMUNITY SERVICES DEPARTMENT

MULTI-USE TRAIL

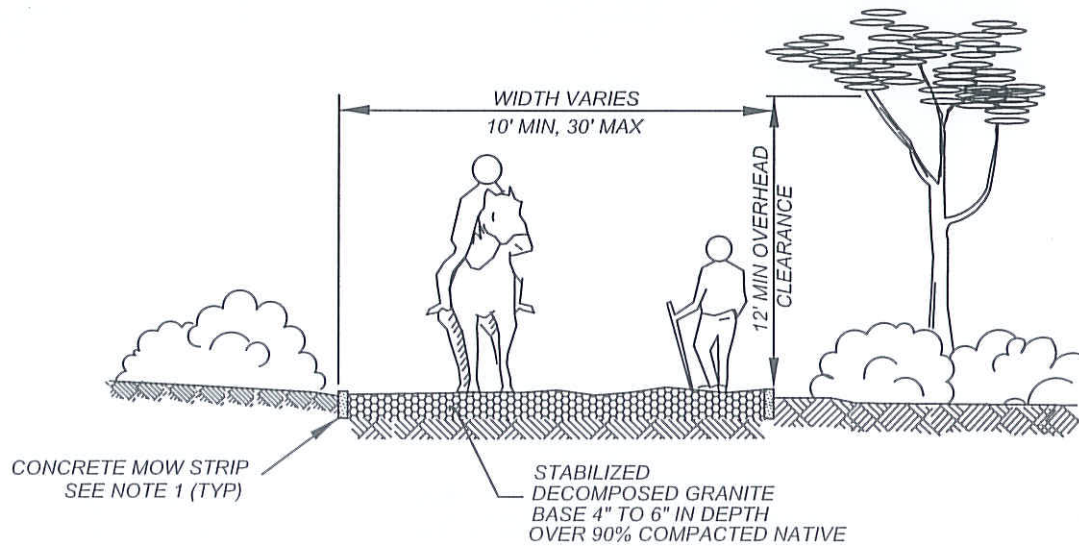
STANDARD PLAN

MVGF-610K-0

SHEET 11 OF 14



PRIMARY RIDING AND HIKING TRAIL - I

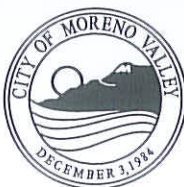


PRIMARY RIDING AND HIKING TRAIL - II

NOTES:

- 1.) CONCRETE MOW STRIP REQUIRED NEXT TO LANDSCAPE AREAS (REFER TO STANDARD MVLI-522B-0 FOR MOW CURB DETAIL).

NOT TO SCALE



RECOMMENDED:
DIVISION MANAGER DATE 1/29/14

APPROVED:
PUBLIC WORKS DIRECTOR / DATE 1/29/14
CITY ENGINEER

CITY OF MORENO VALLEY
PARKS AND COMMUNITY SERVICES DEPARTMENT

**RIDING AND HIKING
TRAILS**

STANDARD PLAN
MVGF-610L-0

SHEET 12 OF 14

TRAIL WIDTH, FENCING, AND GATE:

- MINIMUM TRAIL WIDTH SHALL BE 10' (INSIDE POSTS). WHERE FIRE DEPARTMENT ACCESS IS NECESSARY, TRAIL SHALL BE A MINIMUM OF 20' WIDE. TRAIL IS DEFINED AS MINIMUM SURFACE AREA WITHOUT OBSTRUCTIONS (FENCE POSTS, "V" DITCH, ETC.).
- 3-RAIL PVC FENCE SHALL BE PER STD MVGF-640-0.
- EQUESTRIAN FENCING SHALL BE INSTALLED ON BOTH SIDES OF TRAIL, UNLESS A WALL OR OTHER APPROVED FENCING IS INSTALLED ON ONE SIDE.
- EQUESTRIAN TRAILHEADS SHALL BE UTILIZED WHEN A TRAIL TERMINATES AT PUBLIC STREET OR HIGHWAY, WHERE SPECIFIED. THE ROUGH DIMENSIONS FOR EQUESTRIAN SWITCHBACKS ARE 5'x10'. SEE STANDARD PLAN MVGF-613A-0 AND INSTALL AS REQUIRED. A 'STOP' SIGN SHALL BE INSTALLED AT ALL LOCATIONS THAT EXIT ONTO A ROADWAY, WHERE REQUIRED. A CITY SUPPLIED TRAIL SIGN SHALL BE INSTALLED ON ALL TRAIL ENTRANCES. SIGN AND POST SPECIFICATIONS ARE TO ADHERE TO THE CITY'S STANDARD PLANS. ALL POSTS SHALL BE SUPPLIED BY THE CONTRACTOR.
- THE TRAIL AND FENCING SHALL CONNECT WITH ADJACENT TRAILS.
- THREE CABLE RAILING MAY BE REQUIRED IN SOME AREAS AND SHALL BE PER STD MVGF-616-0.
- GATES ARE REQUIRED IN LOCATIONS WHERE FIRE AND/OR MAINTENANCE ACCESS IS DESIGNATED. GATES FOR OPENINGS SHALL BE CONSTRUCTED OF HOT DIPPED GALVANIZED STEEL PIPE. SINGLE GATE WIDTH IS NOT TO EXCEED 16'. GATE OPENINGS IN EXCESS OF 16' SHALL BE EQUAL SIZED DOUBLE GATES WITH A SLEEVED REMOVABLE POST. THE GATES SHALL BE EQUIPPED WITH A HEAVY DUTY CHAIN (ADDITIONAL CHAIN SECTIONS REQUIRED WHERE MULTIPLE LOCKS ARE USED) AND A REMOVABLE LATCH POST WITH A GATE STOP. THE REMOVABLE LATCH POST SHALL HAVE A CHAIN WELDED TO BOTH THE POST AND THE SLEEVE FOR SECURING BY AN APPROVED PADLOCK. ADDITIONALLY, THE CENTER POST IS TO HAVE A DOMED CAP INSTALLED. ALL GATES ARE TO BE EQUIPPED WITH A PARKS AND COMMUNITY SERVICES APPROVED KNOX BOX. THESE ITEMS ARE TO BE WELDED TO FRAME ON A 1/4" THICK GALVANIZED PLATE. ALL GATE POSTS, WITH THE EXCEPTION OF THE CENTER POST SHALL BE FILLED WITH CONCRETE AND DOME CAPPED. FRAMES SHALL HAVE MITERED CORNERS AND THE CENTER RAIL SHALL BE CUT TO FIT INTO THE FRAME. PVC FENCE MATERIAL SHALL BE SECURELY ATTACHED TO THE GATE FRAME AND RAILS. GATES SHALL HAVE A 12" x 18" 'NO STOPPING - FIRE LANE' SIGN SECURELY ATTACHED.



MASONRY:

- THE SIDE OF THE TRAIL OR ACCESS POINTS THAT ARE ADJACENT TO RESIDENCES SHALL CONTAIN FENCING CONSTRUCTED OF DECORATIVE CONCRETE BLOCK OR DECORATIVE CONCRETE BLOCK / ORNAMENTAL IRON WITH A MINIMUM HEIGHT OF 72". SLUMP STONE AND SPLIT FACED BLOCK SHALL BE TAN MORTAR AND HAVE A PRECAST WALL CAP. ALL WALLS SHALL BE SOLID GROUTED. THE CONCRETE BLOCK DESIGN AND COLOR SHALL BE APPROVED BY THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS / HER DESIGNEE. FENCING/WALLS SHALL BE INSTALLED ON RESIDENTS' OR HOMEOWNERS ASSOCIATION PROPERTY. RETAINING WALLS SHALL ADHERE TO THE SAME SPECIFICATIONS AS LISTED ABOVE.
- ALL DECORATIVE MASONRY WALLS ADJACENT TO TRAILS AND THEIR ENTRANCES SHALL BE ANTIGRAFFITI COATED PER PARKS SPECIFICATIONS. FOLLOW MANUFACTURER'S DIRECTIONS FOR APPLICATION. ANY REQUESTED PRODUCT DEVIANCE REQUIRE A PRODUCT SPECIFICATION SHEET AND A FINISHED SAMPLE OF THE PRODUCT AND THIRD PARTY TESTING. THEY SHALL BE SUBMITTED TO THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS/HER DESIGNEE FOR WRITTEN APPROVAL PRIOR TO INSTALLATION.

CONCRETE:

- ALL CONCRETE SHALL BE IN ACCORDANCE TO "GREENBOOK" STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, SECTION 201. COPIES OF ALL LOAD TICKETS ARE REQUIRED TO BE SUBMITTED TO THE PARKS AND COMMUNITY SERVICES WEEKLY OR UPON IMMEDIATE REQUEST.
- ALL CONCRETE FOR TRAPEZOIDAL CHANNEL, 'V' OR BROW DITCHES, CATCH BASINS, SWALES, RETAINING WALLS, CHANNELS, DRIVE APPROACHES, AND OTHER FLAT WORK SHALL BE INTEGRALLY MIXED WITH DAVIS COLORS CONCENTRATED PIGMENTS AT THE RATE SPECIFIED BY THE MANUFACTURER. THE COLOR SHALL BE "OMAHA TAN". FINISHES SHALL BE PER PLAN. COLORED CONCRETE SHALL BE CURED WITH DAVIS W-1000 CLEAR SPRAY-ON MEMBRANE. ANY REQUESTED COLOR DEVIANCE REQUIRE A COLOR CHART SUBMITTAL, PRODUCT SPECIFICATION, AND A FINISHED SAMPLE OF THE PRODUCT SUBMITTED TO THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS/HER DESIGNEE FOR WRITTEN APPROVAL PRIOR TO ANY TRAIL CONSTRUCTION.
- TRAPEZOIDAL CHANNEL AND "V" OR BROW DITCH SHALL BE SEPARATED FROM THE TRAIL BY PVC, CHAIN LINK, OR 3-CABLE FENCING.
- CONCRETE DRIVEWAYS / APPROACHES TO TRAILS SHALL BE CONSTRUCTED 8"-THICK, 560C-3250 (3250 PSI), MAXIMUM 4" SLUMP, WITH #4 REBAR TIED 18" O.C. IF A PUMP CONCRETE MIX IS UTILIZED IT SHALL BE CLASS 660C-4000P (4000 PSI). THE FINISH SHALL BE TINE NON-SLIP SURFACE; COLOR SHALL BE DAVIS COLORS "OMAHA TAN", UNLESS AUTHORIZED OTHERWISE IN WRITING BY PARKS AND COMMUNITY SERVICES. ALL JOINTS SHALL BE DEEP TROWEL.
- DRIVEWAYS SHALL BE LABELED 'NO PARKING FIRE LANE', 12" HIGH, WITH RED PAINT, AT MAXIMUM OF 12' FROM CURB FACE.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE 1/21/14	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / DATE 1/29/14 CITY ENGINEER		
	MULTI-USE TRAIL SPECIFICATIONS		STANDARD PLAN MVGF-610M-0 SHEET 13 OF 14

DRAWINGS AND INSPECTIONS:

- ALL CONSTRUCTION DRAWINGS MUST BE SUBMITTED TO THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS/HER DESIGNEE AND APPROVED BEFORE CONSTRUCTION BEGINS.
- ALL CHANGES SHALL BE "REDLINED" AND APPROVED BY THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS/HER DESIGNEE AND THE ARCHITECT BEFORE THEY ARE MADE.
- MATERIAL SUBMITTALS SHALL BE SUBMITTED AND APPROVED BY THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS/HER DESIGNEE PRIOR TO COMMENCEMENT OF THE PROJECT.
- THE DEVELOPER / CONTRACTOR SHALL SUBMIT TO THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS/HER DESIGNEE SIX (6) FULL SETS OF "AS-BUILT" DRAWINGS AND ONE (1) MYLAR WITH HANGING TABS BEFORE THE PROJECT IS RELEASED. THE DESIGNING ARCHITECT SHALL COMPLETE THE DRAWINGS.
- INSPECTION NOTICES FOR ALL PARK AND COMMUNITY SERVICES DEPARTMENT RELATED CONSTRUCTION SHALL BE A MINIMUM OF 48 HOURS IN ADVANCE. INSPECTIONS SHALL BE COORDINATED UPON GRADING, FENCE INSTALLATION, CONCRETE INSTALLATION, DECOMPOSED GRANITE INSTALLATION, AND FINAL ACCEPTANCE. PHONE 951.413.3701.
- THE CONTRACTOR MAY OFFER ANY MATERIAL CONSIDERED TO BE EQUIVALENT TO THAT INDICATED. THE SUBSTANTIATION OF OFFERS SHALL BE SUBMITTED IN WRITING AND APPROVED IN WRITING BY THE PARKS AND COMMUNITY SERVICES DEPARTMENT.

TRAIL SURFACE:

- ALL PLAN DETAILS ARE REQUIRED TO SHOW CROSS SECTIONS OF THE TRAIL. THE TRAIL CROSS SECTIONS MUST REFLECT AND INDICATE THE VARIOUS GRADE CHANGES ALONG THE LENGTH OF THE TRAIL. TRAILS SHALL NOT EXCEED A 10% GRADE IN THE DIRECTION OF TRAVEL AND HAVE A MAXIMUM 2% CROSS SLOPE. THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS/HER DESIGNEE SHALL APPROVE ANY GRADE CHANGES IN WRITING BEFORE PLANS ARE APPROVED AND CONSTRUCTION COMMENCES. ALL LANDINGS SHALL BE GRADUALLY INCORPORATED INTO THE GRADE, IN ORDER TO ALLOW LARGE VEHICLES EASY TRANSITION. ALL DETAILS AND GRADES FOR THE TRAIL SHALL BE REVIEWED AND APPROVED BY THE DIRECTOR OF PARKS AND COMMUNITY SERVICES OR HIS/HER DESIGNEE PRIOR TO ANY TRAIL CONSTRUCTION.
- WHERE TRAILS ARE ADJACENT AND LEVEL TO LANDSCAPE AREAS OR OPEN SPACE, THE STABILIZED DECOMPOSED GRANITE SHALL BE CONFINED IN TRAIL BY THE USE OF A 6"x6" (MINIMUM) CONCRETE HEADER WITH #4 REBAR REINFORCEMENT. THE CONCRETE SPECIFICATION SHALL BE "GREENBOOK" CLASS 560-C-3250 OR 660-C-4000P (PUMP MIX), WITH NO SUBSTITUTIONS FOR PORTLAND CEMENT. THE COLOR SHALL BE DAVIS OMAHA TAN. ADDITIONALLY, THIS SPECIFICATION PERTAINS TO VINE POCKETS.

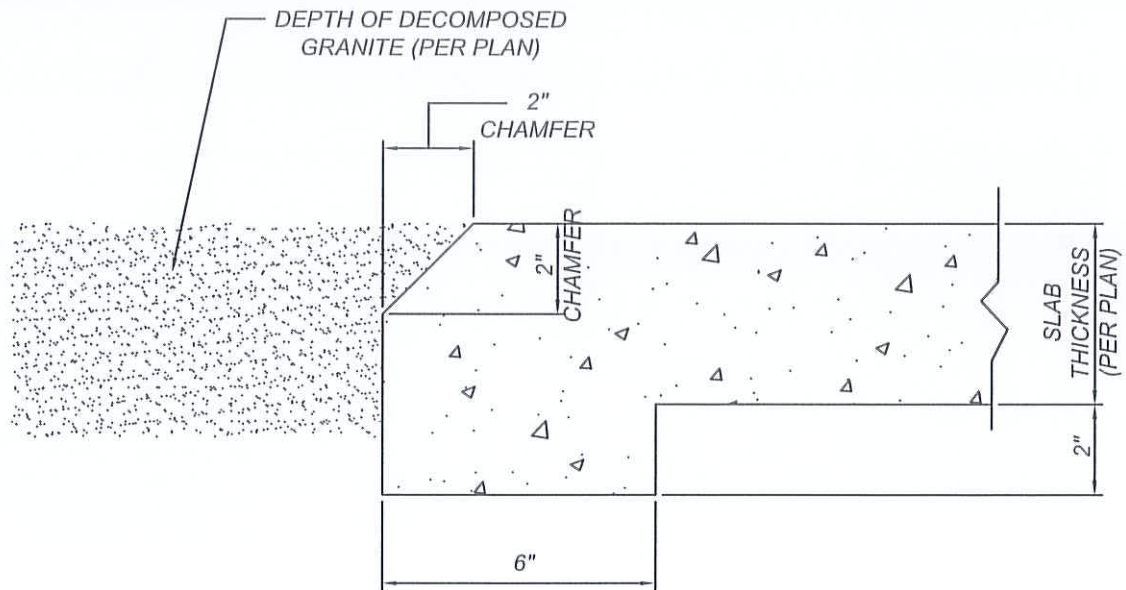
STABILIZED DECOMPOSED GRANITE AND INSTALLATION PROCEDURES:

1. GREENBOOK STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: STANDARDS 400-2.2 AND 200-2.7
2. GRADATION: AS DETERMINED BY ASTM C 136 METHODOLOGY (CALTRANS 202)

SIEVE SIZE	PERCENT PASSING
1/2"	100
3/8"	90-100
No 4	50-100
No 30	25-55
No 100	10-20
No 200	5-18
3. SAND EQUIVALENT : AS DETERMINED BY ASTM D 2419 METHODOLOGY (CALTRANS 217): MINIMUM OF 30.
4. R-VALUE: AS DETERMINED BY ASTM D 2488 METHODOLOGY (CALTRANS 301): MINIMUM OF 70.
5. DECOMPOSED GRANITE AS SPECIFIED IN THE CITY STANDARD PLANS SHALL BE DERIVED FROM THE CRUSHING AND SCREENING OF NATURALLY FRIABLE GRANITE. THE BLENDING OF COURSE SAND WITH ROCK DUST IS NOT PERMITTED. THE GRANITE IS SCREENED TO INCLUDE STONE PARTICLES OF $\frac{1}{2}$ " MINUS. THE PARTICLES THAT PASS THE 200 SCREEN MESH AS DETERMINED BY ASTM METHODOLOGY SHALL NOT EXCEED 18 PERCENT. THE SAND EQUIVALENT SHALL BE A MINIMUM OF 30 AND THE R-VALUE SHALL BE A MINIMUM OF 70.
6. STABILIZING BINDER SHALL BE APPROVED BY THE CITY. THE BINDER SHALL BE INCORPORATED WITH THE GRANITE FINES BY THE USE OF A PUG MILL THAT INCLUDES A WEIGHT BELT FEEDER THAT INSURES THE PROPER RATIO OF BINDER TO GRANITE FINES. BLENDING WITH THE USE OF A BUCKET LOADER OR SIMILAR IS NOT ACCEPTABLE. FOR TRAILS AND STAGING AREAS THE BINDER SHALL BE BLENDED AT THE RATE SPECIFIED FOR TYPE OF USE. THE MIXING FACILITY AND MIXING METHOD SHALL BE AVAILABLE TO THE CITY FOR INSPECTION UPON REQUEST. STABILIZING BINDER SHALL BE NEXPAVE ORGANIC LOCK, NEXPAVE WAX, OR APPROVED EQUAL.
7. STABILIZED DECOMPOSED GRANITE SHALL BE PLACED TO A MINIMUM DEPTH OF 4"-6" COMPACTED, PER PLAN.
8. INSTALLATION: FOR EACH 2" LIFT EVENLY SPREAD THE MATERIAL OVER AREA ACCORDING TO PLANS. GRADE AND SMOOTH AS DIRECTED BY THE INSPECTOR. THOROUGHLY WATER ENTIRE AREA SO THAT THE ENTIRE DEPTH OF THE MATERIAL IS MOIST. A HIGH VOLUME WATER TRUCK IS RECOMMENDED. AFTER A PERIOD OF +/- 6 HOURS COMPACT THE FINAL LIFT WITH A 1000 - 3000 lb STATIC DRUM ROLLER. ALLOW FOR A SUFFICIENT CURING PERIOD OF +/- 4 DAYS PRIOR TO USE.
9. THIRD-PARTY TESTING OF MATERIALS AND/OR INSTALLATION MAYBE REQUESTED BY THE CITY. THE TESTING SHALL BE PERFORMED WITH NO COST TO THE CITY.
10. FIRE LANE TRAILS SHALL HAVE 6" STABILIZED DG OVER 6" CLASS II BASE, COMPACTED 95%.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER	DATE: 12/11/16	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	STANDARD PLAN MVGF-610N-1
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER	DATE: 1/20/17		
			MULTI-USE TRAIL SPECIFICATIONS	SHEET 14 OF 14



NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVED:

PUBLIC WORKS DIRECTOR / DATE / CITY ENGINEER

CITY OF MORENO VALLEY

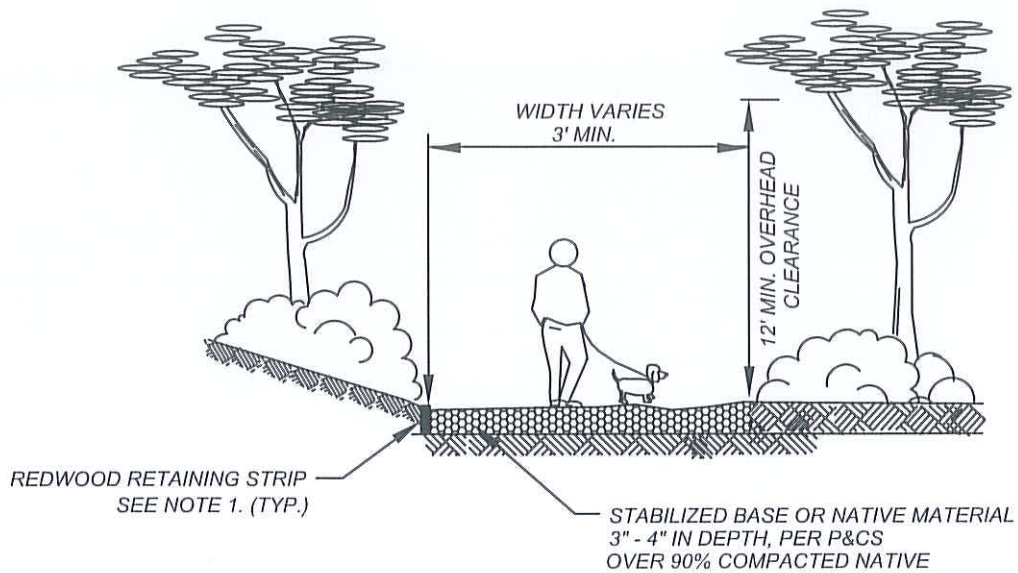
PARKS AND COMMUNITY SERVICES DEPARTMENT

**CONCRETE WALK / SLAB /
APPROACH ADJACENT
TO TRAIL**

STANDARD PLAN

MVGF-611-0

SHEET 1 OF 1






SECONDARY RIDING AND HIKING TRAIL
FOR HOA HILL SIDE AREAS

NOTES:

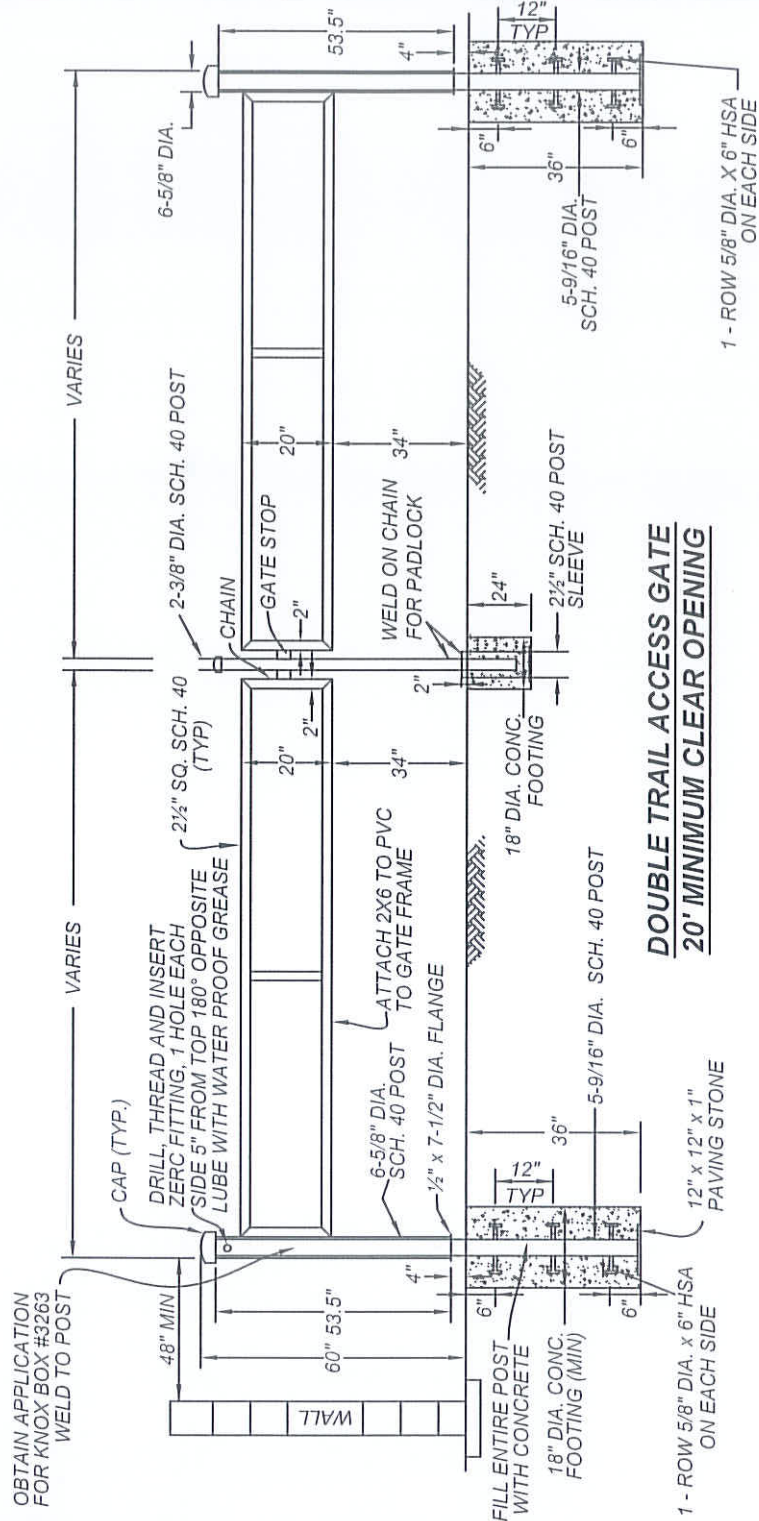
1.) 2" X 4" REDWOOD RETAINING STRIP AS REQUIRED NEXT TO LANDSCAPED AREAS AND SLOPES. STAKES SHALL BE INSTALLED AT 2' INTERVALS. DOUBLE STAKE ENDS.

NOT TO SCALE

	RECOMMENDED:  1/21/14 DIVISION MANAGER DATE	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT		
	APPROVED:  1/29/14 PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER	SECONDARY RIDING AND HIKING TRAIL		STANDARD PLAN MVGF-612-0
	SHEET 1 OF 1			



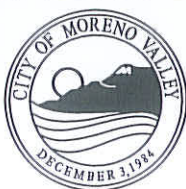
SHEET 1 OF 5



NOTES:

- 1.) ALL METAL IS TO BE HOT DIP GALVANIZED.
- 2.) PROVIDE STOPS ON HINGE POST SO GATE DOES NOT SWING OUTWARD INTO TRAFFIC.
- 3.) TWO (2) ADDITIONAL POSTS TO BE LOCATED IN FIELD FOR HOLD OPEN POSITION.

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVED:

PUBLIC WORKS DIRECTOR / CITY ENGINEER

DATE

CITY OF MORENO VALLEY

PARKS AND COMMUNITY SERVICES DEPARTMENT

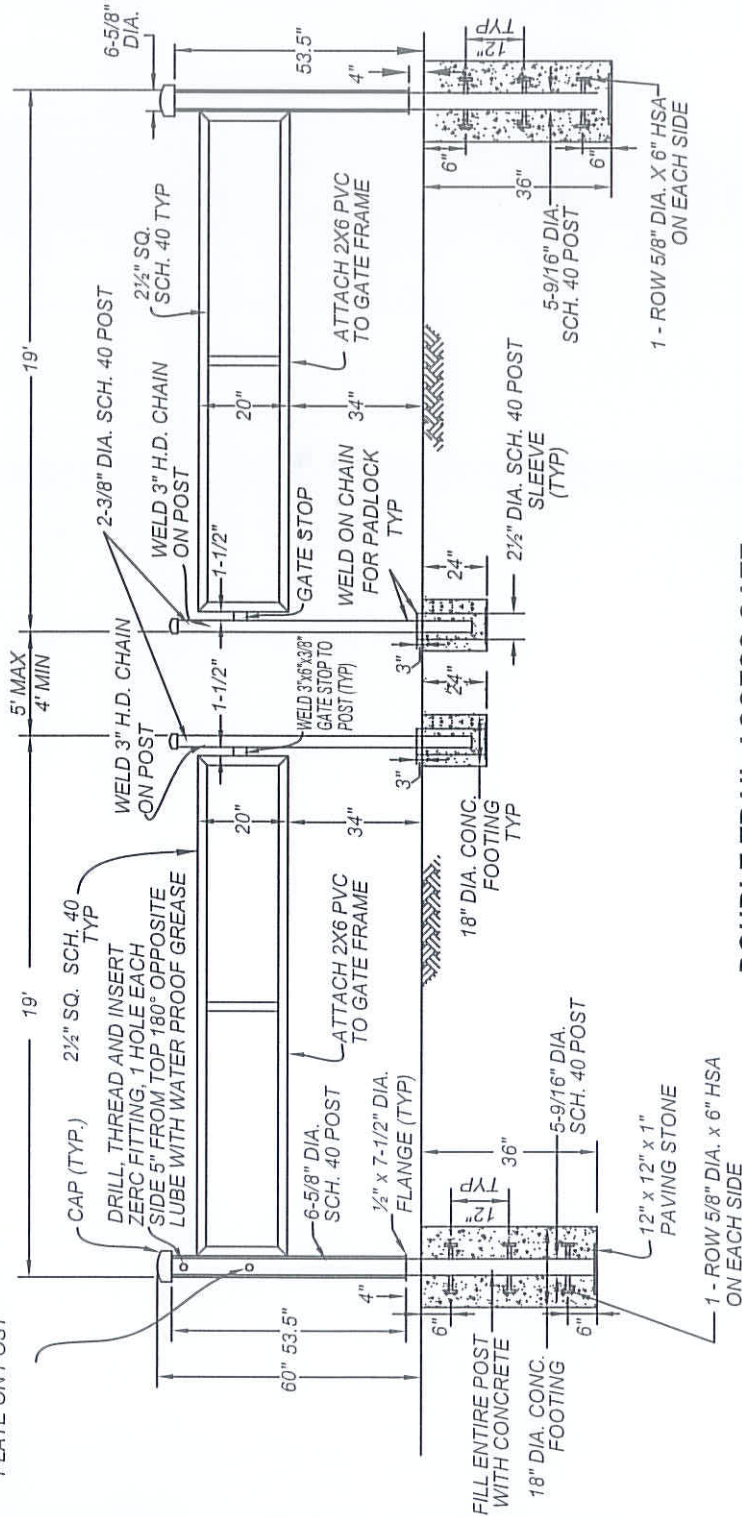
DOUBLE TRAIL ACCESS GATE

STANDARD PLAN

MVGF-613C-0

SHEET 3 OF 5

OBTAIN APPLICATION
FOR KNOX BOX #3263
WELD TO 3/16" BACKING
PLATE ON POST

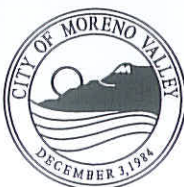


DOUBLE TRAIL ACCESS GATE WITH CENTER ACCESS

NOTES:

- 1.) ALL METAL IS TO BE HOT DIP GALVANIZED.
- 2.) PROVIDE STOPS ON HINGE POST SO GATE DOES NOT SWING OUTWARD INTO TRAFFIC.
- 3.) TWO (2) ADDITIONAL POSTS TO BE LOCATED IN FIELD FOR HOLD OPEN POSITION.

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVED:

PUBLIC WORKS DIRECTOR/
CITY ENGINEER

DATE

CITY OF MORENO VALLEY

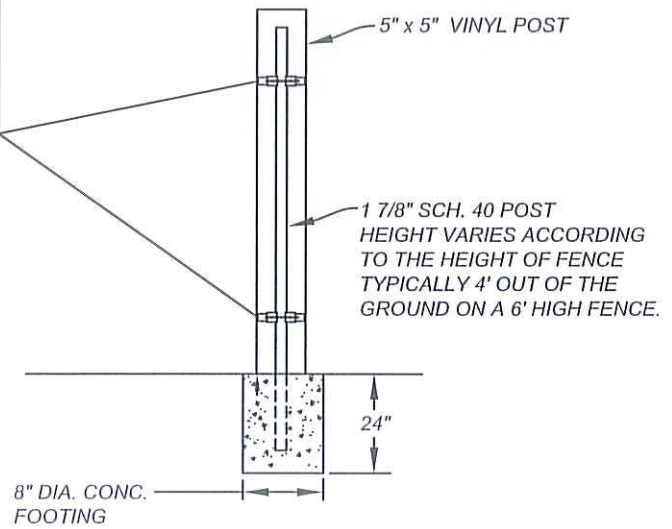
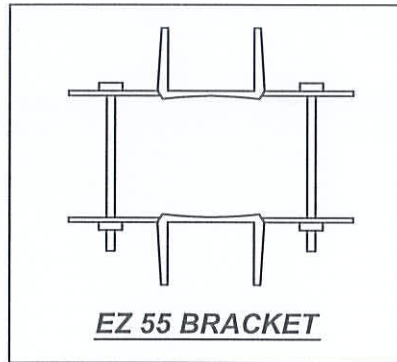
PARKS AND COMMUNITY SERVICES DEPARTMENT

DOUBLE TRAIL ACCESS GATE WITH CENTER OPENING

STANDARD PLAN

MVGF-613D-0


SHEET 4 OF 5

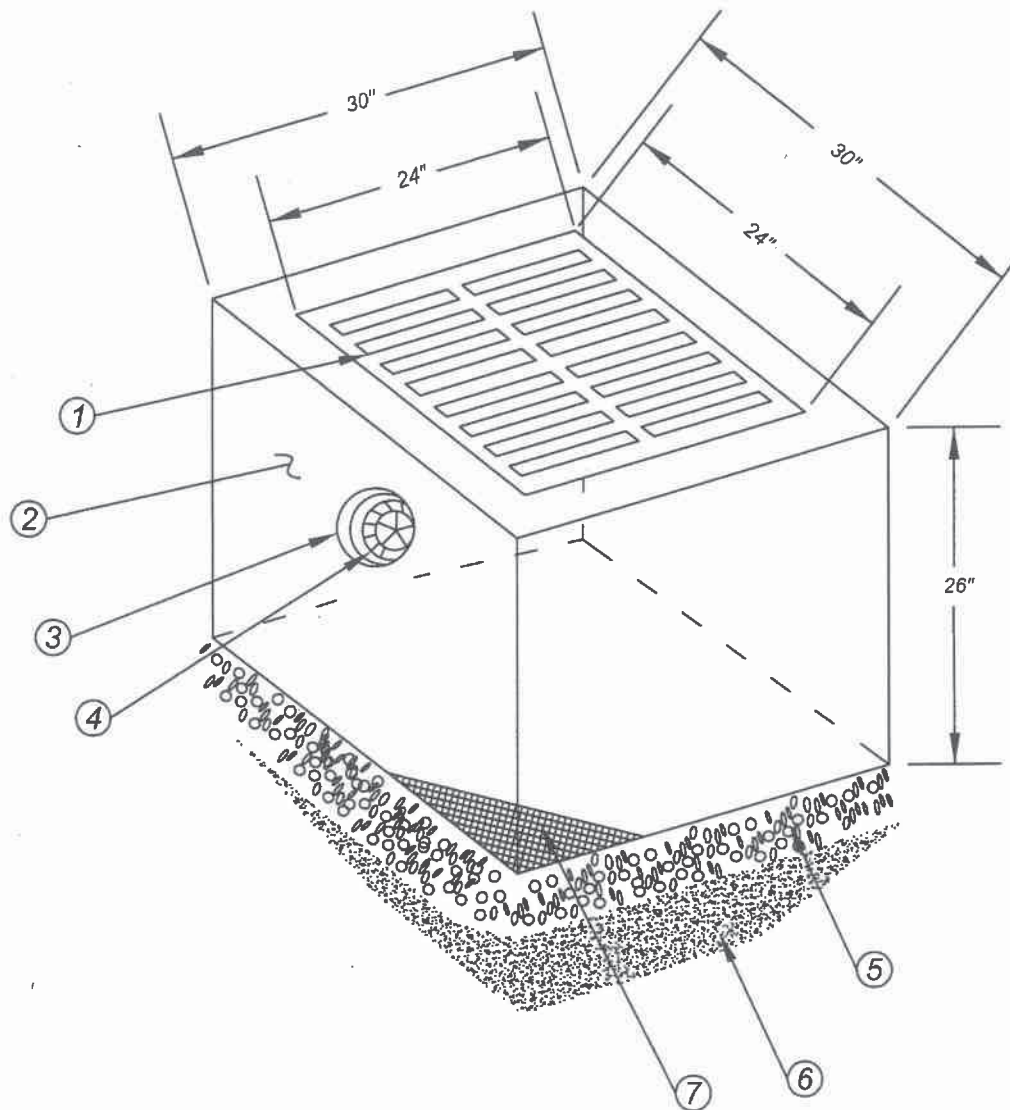


NOTE:

TO BE UTILIZED IN AREAS ADJACENT OR LOCATED IN
CONCRETE, OR OTHERWISE REQUIRED.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE 1/21/14	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT		
	APPROVED:  PUBLIC WORKS DIRECTOR/ CITY ENGINEER DATE 1/25/14	EZ 55 BRACKET WITH POST		STANDARD PLAN MVGF-613E-0
	SHEET 5 OF 5			



- ① TRAFFIC GRATE, DIP GALVANIZED STEEL, SECURE TO BASIN WITH 2 EA S.S. BOLT, ANCHOR, AND WASHER ON OPPOSITE SIDES
- ② TRAFFIC CATCH BASIN, 2800 PSI STEEL REINFORCED CONCRETE
- ③ 6" DIAMETER SDR 35 DRAIN PIPE AND COUPLING
- ④ 6" ATRIUM GRATE FOR SDR PIP, POLYPROPYLENE CONSTRUCTION. SECURE TO PIPE WITH S.S.SCREW
- ⑤ 12"-3/4" WASHED ROCK, COMPACTED
- ⑥ NATIVE SOIL, 95% COMPACTED
- ⑦ 1/4" STAINLESS STEEL WIRE MESH, TYPE 316. FOLD UP (6" MINIMUM) AROUND ALL SIDES OF BOX

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

APPROVED:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

DATE

DATE

CITY OF MORENO VALLEY

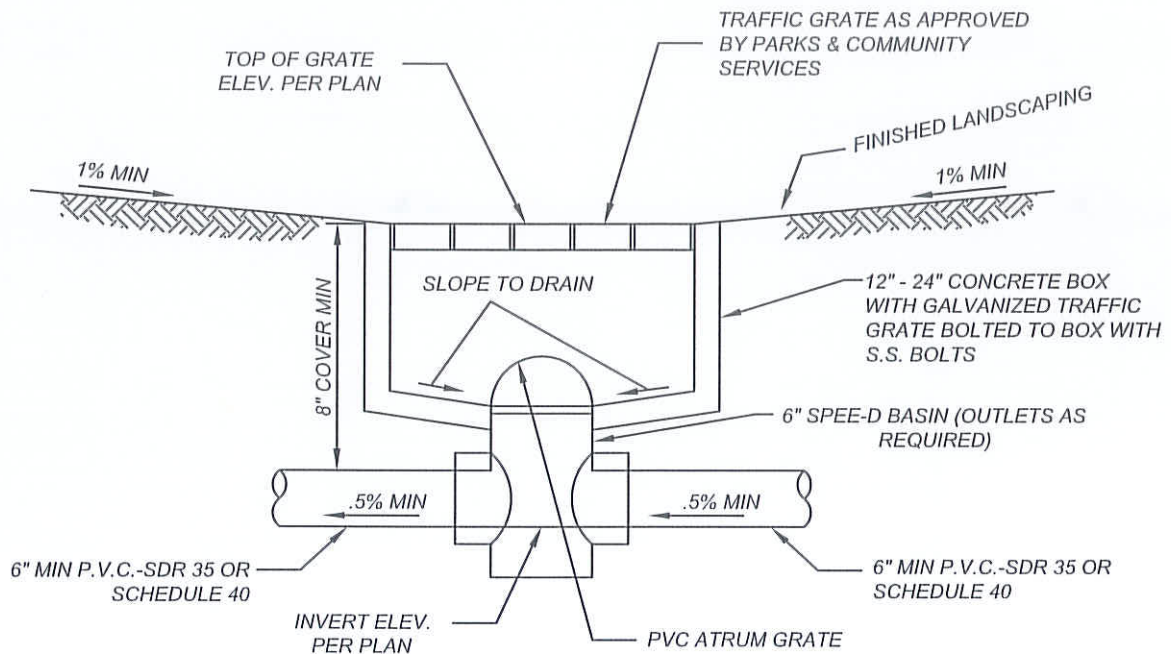
PARKS AND COMMUNITY SERVICES DEPARTMENT

24" x 24" CATCH BASIN

STANDARD PLAN

MVGF-614A-0

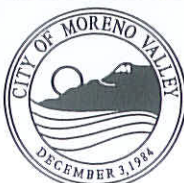
SHEET 1 OF 2



NOTES:

1. REFER TO FINISH LANDSCAPING DRAWING
2. DO NOT GLUE RISER TO PIPE
(NEED TO BE ABLE TO REMOVE FOR MAINTENANCE PURPOSES).

NOT TO SCALE

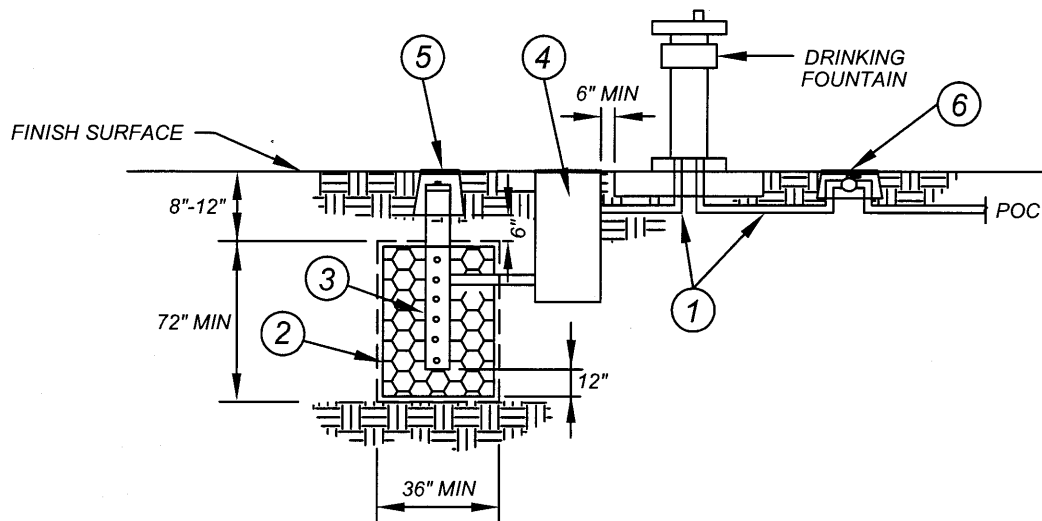


RECOMMENDED:
 1/21/14
 DIVISION MANAGER DATE
 APPROVED:
 1/29/14
 PUBLIC WORKS DIRECTOR / DATE
 CITY ENGINEER

CITY OF MORENO VALLEY
 PARKS AND COMMUNITY SERVICES DEPARTMENT

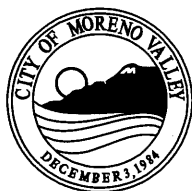
TYPICAL AREA DRAIN

STANDARD PLAN
MVGF-614B-0
 SHEET 2 OF 2



- ① INSTALL 2" SCH 80 PVC DRAIN CONNECTION FROM FOUNTAIN TO SAND TRAP. EXTEND DRAIN FROM SAND TRAP TO DISCHARGE INTO 4" PERFORATED PIPE, UTILIZING A TEE CONNECTOR, SURROUNDED BY CLEAN BROKEN ROCK.
- ② INSTALL BROKEN ROCK. (CLEAN OPEN-ENDED GRAVEL 1/2" MIN, 3/4" MAX) IN FILTER FABRIC (MIRAFI 140S OR 140N) LINED HOLE (TOP, BOTTOM, & SIDES), 36" MIN DIAMETER x 60" DEEP MIN, BEGINNING 8"-12" BENEATH FINISH GRADE.
- ③ 4" PERFORATED PIPE WITH APPROVED FILTER SOCK, CLEANOUT CAP, AND LOCKABLE 10" ROUND IRRIGATION BOX, HEAT STAMPED BOX "CO".
- ④ SAND TRAP (SAME BRAND AS DRINKING FOUNTAIN OR APPROVED EQUAL). LOCATE A MINIMUM OF 6" FROM EDGE OF HARDSCAPE.
- ⑤ VALVE BOX, RAINBIRD OR APPROVED EQUAL. INSTALL OVER 6" GRAVEL BASE.
- ⑥ T585-70-66 MINIMUM SIZE 3/4" BALL VALVE SHUT OFF TO FOUNTAIN. INSTALL PER SPECIFICATIONS.

NOT TO SCALE



RECOMMENDED

DIVISION MANAGER DATE 12/27/17

APPROVED:

PUBLIC WORKS DIRECTOR/ DATE 1/20/18
CITY ENGINEER

CITY OF MORENO VALLEY

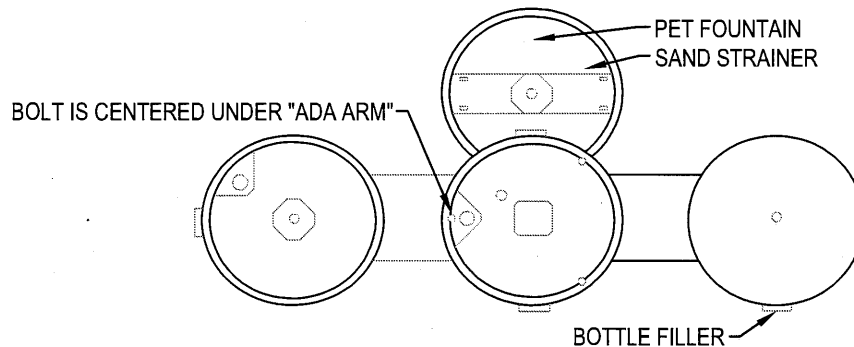
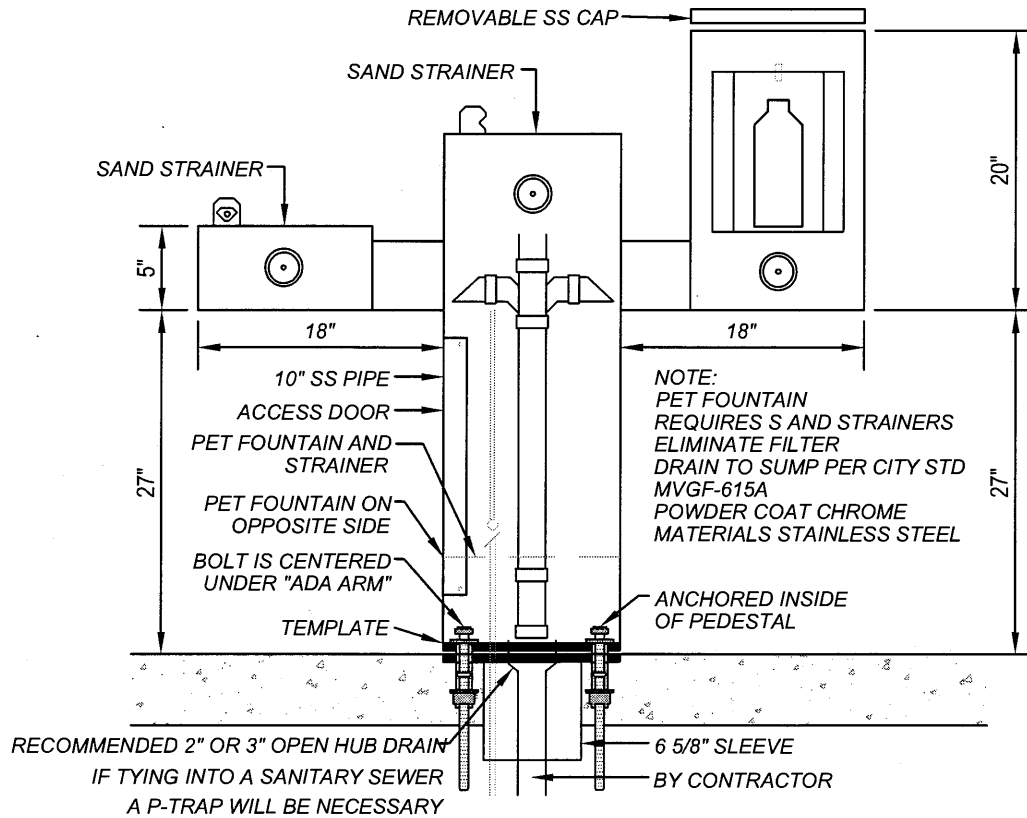
PARKS AND COMMUNITY SERVICES DEPARTMENT

DRINKING FOUNTAIN SUMP DRAINAGE DETAIL

STANDARD PLAN

MVGF-615A-0

SHEET 1 OF 2

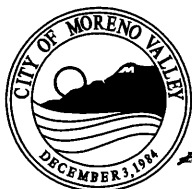


MDF MODEL 10150 SMSS PF

NOTES:

1. LOCAL, STATE, AND FEDERAL CODES SHOULD BE ADHERED TO.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT WWW.CADDDETAILS.COM/INFO AND ENTER REFERENCE NUMBER 3354-20.4.
4. MOST DEPENDABLE FOUNTAINS, INC (MDF), WWW.MOSTDEPENDABLE.COM, 1-800-552-6331

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVED:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

DATE

CITY OF MORENO VALLEY

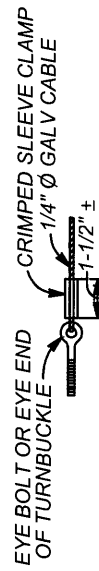
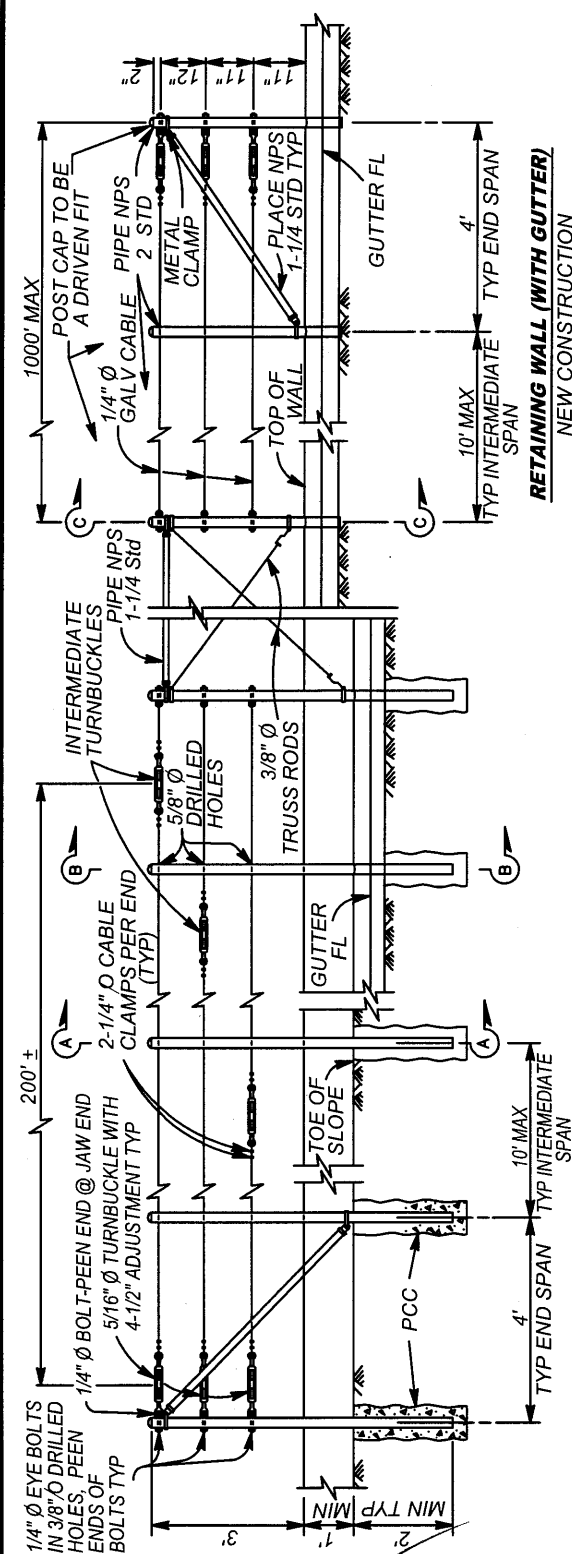
PARKS AND COMMUNITY SERVICES DEPARTMENT

DRINKING FOUNTAIN AND BOTTLE FILLER

STANDARD PLAN

MVGF-615B-0

SHEET 2 OF 2



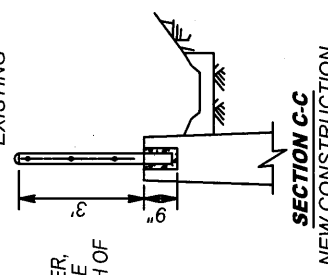
ALTERNATIVE CABLE CONNECTION

NOTES:

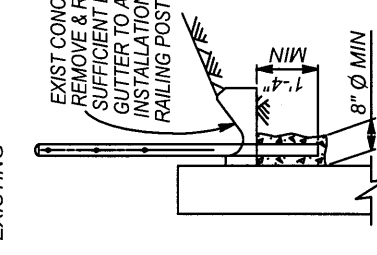
1. MAXIMUM DISTANCE BETWEEN TURNBUCKLES SHALL BE 200' ±.
2. INTERMEDIATE TURNBUCKLES TO BE PLACED IN ADJACENT SPANS.
3. CABLE SHALL NOT BE SPLICED BETWEEN INTERMEDIATE TURNBUCKLES AND END POSTS.
4. ALL POSTS, CABLE, AND HARDWARE TO BE GALVANIZED.
5. POSTS TO BE VERTICAL.
6. ALIGNMENT OF HOLES IN POSTS MAY VARY TO CONFORM TO SLOPE OF TOP OF RETAINING WALL.
7. THE CONTRACTOR SHALL VERIFY ALL DEPENDENT DIMENSIONS IN THE FIELD BEFORE ORDERING OR FABRICATING ANY MATERIAL.
8. ALTERNATIVE DETAILS MAY BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER.
9. LINE POSTS SHALL BE BRACED HORIZONTALLY AND TRUSSED DIAGONALLY IN BOTH DIRECTIONS AT INTERVALS NOT TO EXCEED 1000'.
10. POST POCKETS TO BE CENTERED IN TOP OF WALL.
11. TYPICAL END SPANS, BRACED IN BOTH DIRECTIONS, SHALL BE CONSTRUCTED AT CHANGES IN LINE WHERE THE ANGLE OF DEFLECTION IS 15° OR MORE.
12. PROVIDE THIMBLES AT ALL CABLE LOOPS.
13. APPLY STRUCTURAL EPOXY TO EYE AND TURNBUCKLE THREAD ENDS.

RETAINING WALL (WITH GUTTER)
EXISTING

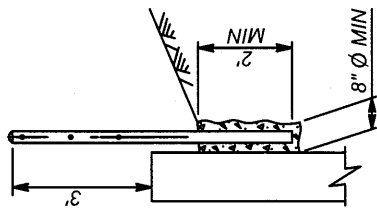
EXISTING WALL (WITHOUT GUTTER)
EXISTING



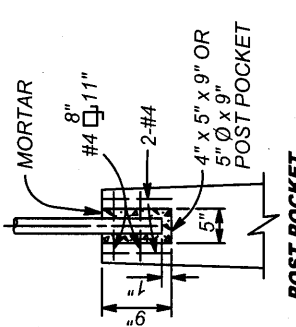
SECTION A-A
EXISTING



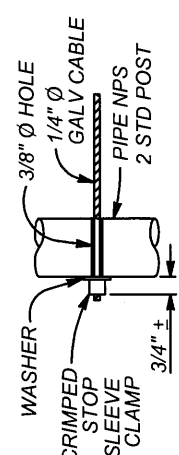
SECTION B-B
EXISTING



SECTION C-C
NEW CONSTRUCTION

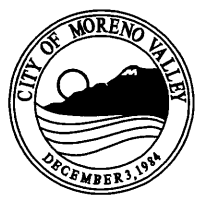


POST POCKET



ALTERNATIVE DEAD END ANCHORAGE

NOT TO SCALE

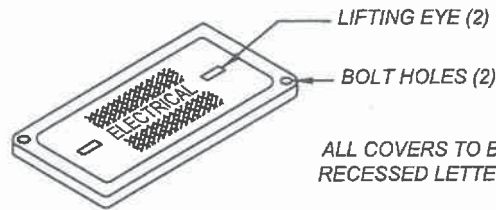


RECOMMENDED:
DIVISION MANAGER DATE 11/21/16
APPROVED:
PUBLIC WORKS DIRECTOR / DATE 1/20/17
CITY ENGINEER

CITY OF MORENO VALLEY
PARKS AND COMMUNITY SERVICES DEPARTMENT

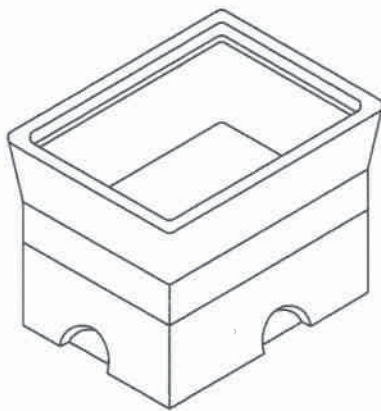
CABLE RAILING

STANDARD PLAN
MVGF-616-0
SHEET 1 OF 1

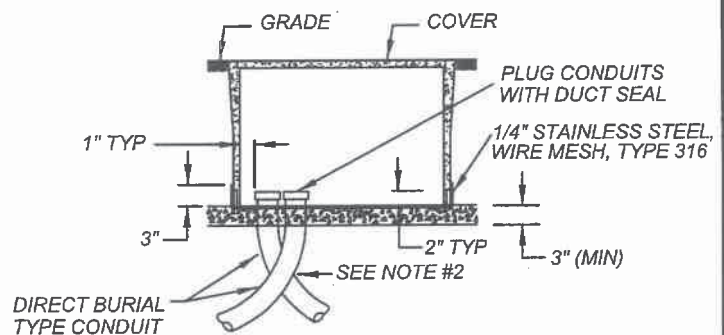


ALL COVERS TO BE IDENTIFIED WITH RECESSED LETTERS.

TYPICAL COVER
COMPOSITE WITH POLYPROPYLENE

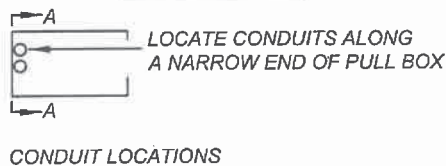


TYPICAL ASSEMBLY WITHOUT COVER
(CONCRETE)



SECTION A-A

ALL CONDUITS



NOTES:

- 1.) RADIUS ANGLE MAY BE REDUCED TO LESS THAN 90° PROVIDING THE PROJECTED CENTER LINE OF THE CONDUIT CLEARS HANDHOLE OPENING.
- 2.) TWO HOLD DOWN DEVICES TO BE SUPPLIED WITH EACH HANDHOLE.
- 3.) ELECTRICAL CONDUITS SHALL BE TAPE WRAPPED SCH. 40 GALVANIZED CONDUIT.

NOT TO SCALE



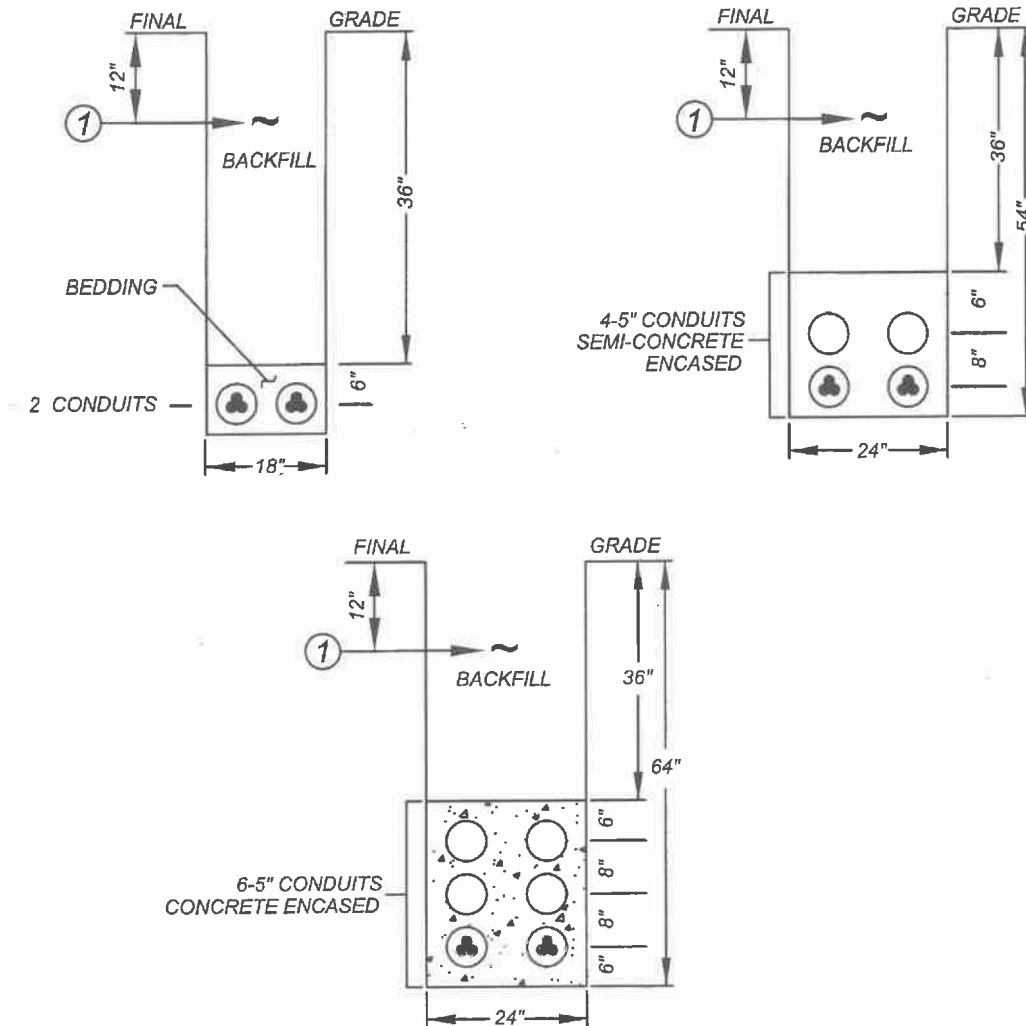
RECOMMENDED: *[Signature]* 6/20/19
DIVISION MANAGER DATE

APPROVED: *[Signature]* 7/30/19
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY
PARKS AND COMMUNITY SERVICES DEPARTMENT

**ELECTRICAL PULL BOX
FOR PARKS**

STANDARD PLAN
MVGF-618A-0
SHEET 1 OF 2






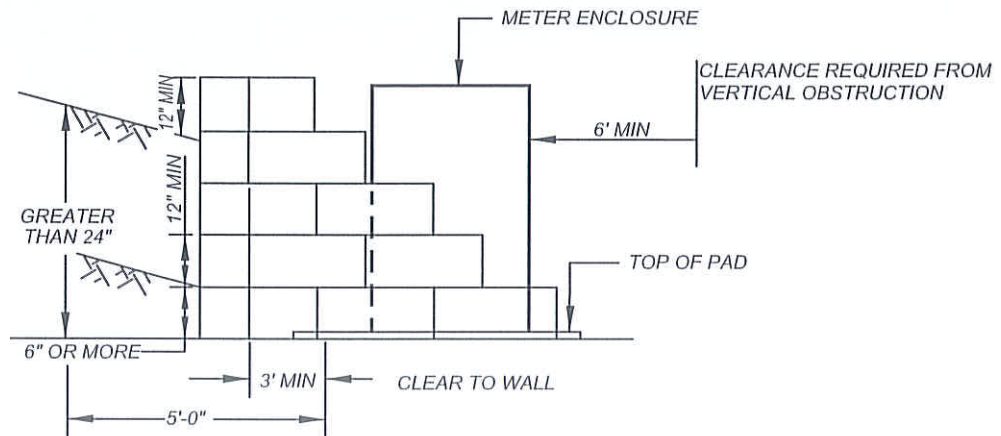
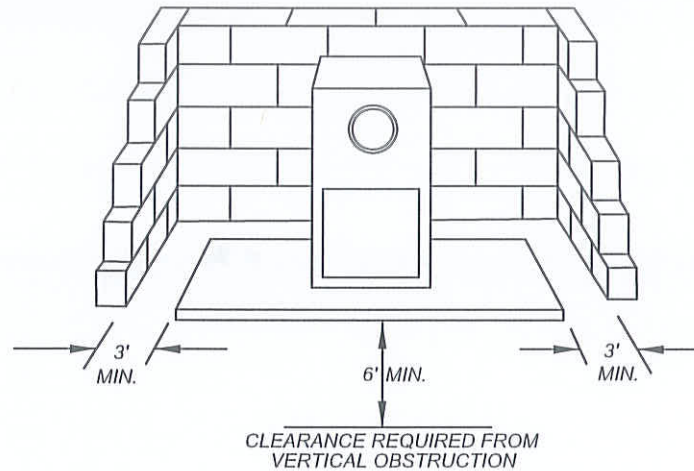
① DETECTABLE WARNING TAPE

NOTES:

- 1.) BEDDING MATERIAL SHALL BE CLEAN SAND OR PEA GRAVEL. OTHERWISE, NATIVE MATERIALS MAY BE USED PROVIDED THEY MEET PUBLIC WORKS CONSTRUCTION (GREEN BOOK) STANDARDS PER SUBSECTION 306.1.2.1 AND MUST HAVE A SAND EQUIVALENT OF NOT LESS THAN 30 OR HAVING A COEFFICIENT OF PERMEABILITY GREATER THAN 1.4 INCHES/HR.
- 2.) CONDUITS ARE DB, EB, OR SCH 40 DEPENDING ON APPLICATION PER PLAN.
- 3.) CONCRETE SHALL BE ONE SACK ENCASEMENT.

NOT TO SCALE

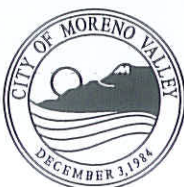
	RECOMMENDED:  DIVISION MANAGER	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT		
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER	DATE 7/30/19	TRENCH DETAILS FOR CONDUIT INSTALLATIONS IN PARKS	
	STANDARD PLAN MVGF-618B-0 SHEET 2 OF 2			



NOTES:

1. RETAINING WALLS ARE REQUIRED WHERE A SLOPING GRADE RISES 24" OR MORE AT A HORIZONTAL DISTANCE OF 5' OR LESS FROM THE EDGE OF PAD OR ENCLOSURE.
2. RETAINING WALLS ARE ALSO REQUIRED WHENEVER THE GRADE RISES 6" ABOVE THE TOP OF PAD (SEE DRAWING DETAILS).
3. RETAINING WALLS MUST BE APPROVED BY BUILDING DEPARTMENT AND REQUIRES A SEPARATE PERMITS.
4. RETAINING WALLS MUST BE SEALED.

NOT TO SCALE



RECOMMENDED:

 DIVISION MANAGER
 DATE 1/21/14
 APPROVED:

 PUBLIC WORKS DIRECTOR /
 CITY ENGINEER
 DATE 1/29/14

CITY OF MORENO VALLEY

PARKS AND COMMUNITY SERVICES DEPARTMENT

RETAINING WALLS FOR PAD-MOUNTED METER ENCLOSURES

STANDARD PLAN
MVGF-619-0

SHEET 1 OF 1

- *APPROX. WT: 3,066 LBS. (SIGN PANEL)
*APPROX. WT: 1,248 LBS. (SIGN BASE)

NOT TO SCALE



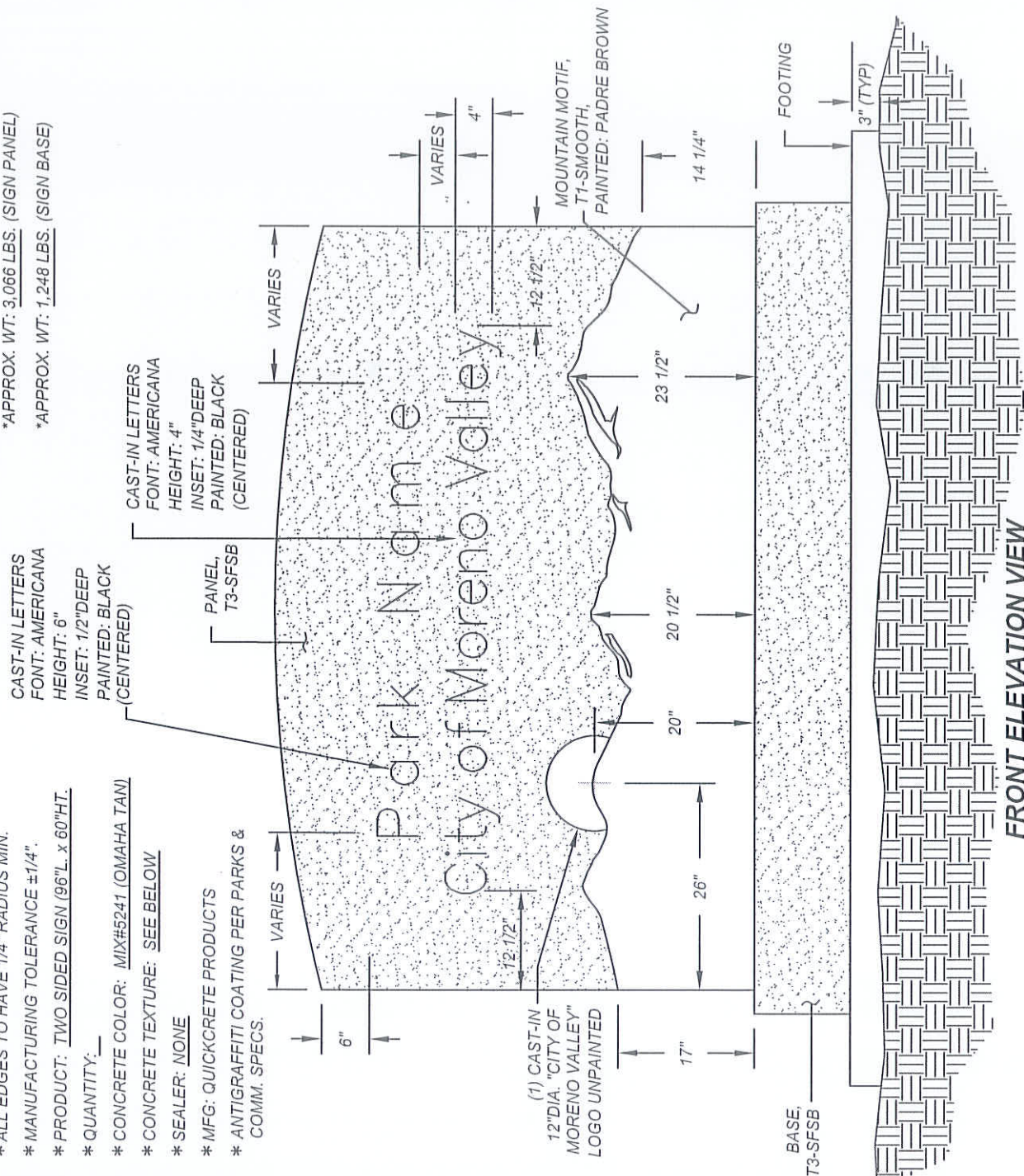
PARKS AND COMMUNITY SERVICES DEPARTMENT

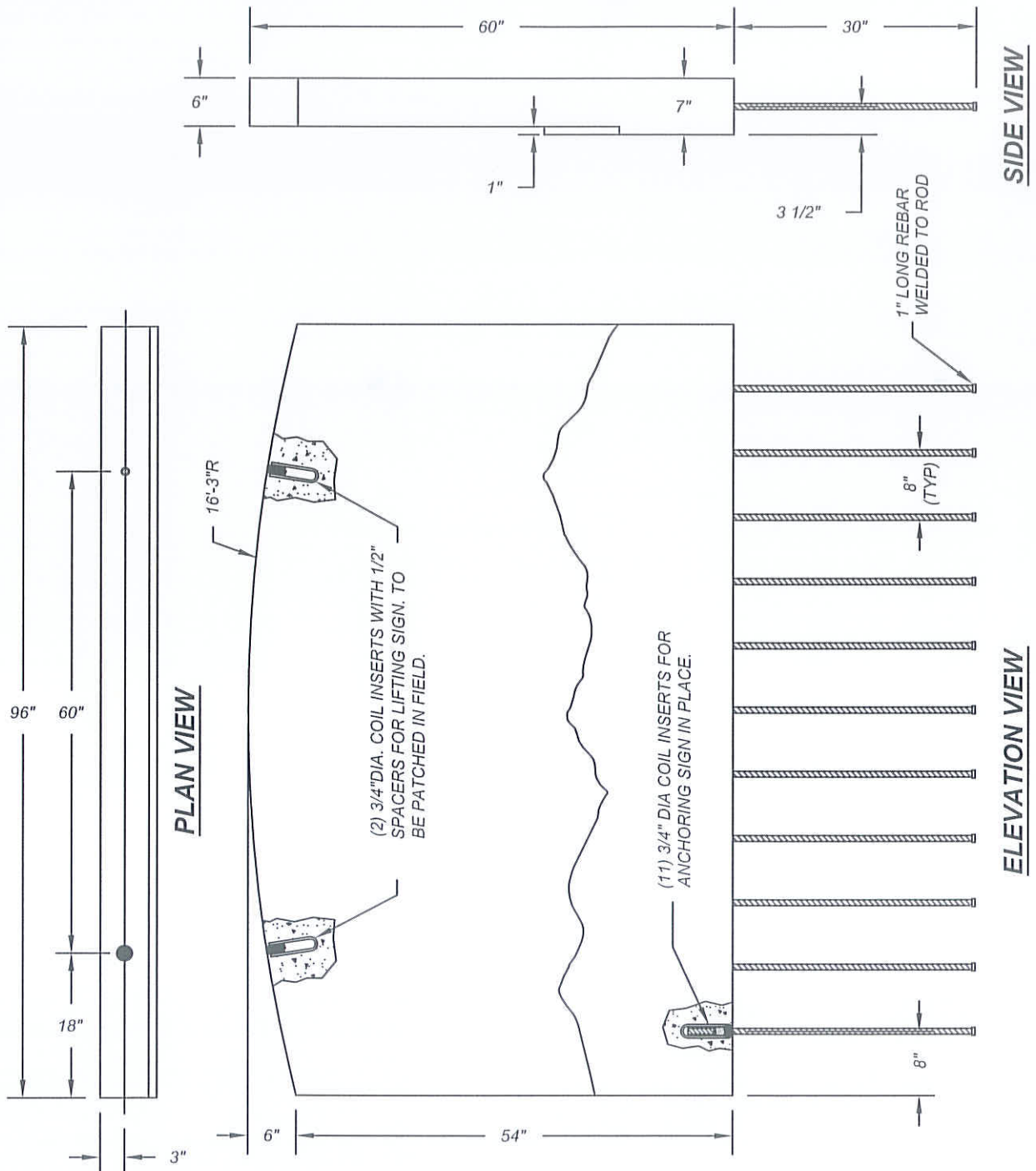
GRAPHIC PLAN
TWO SIDED SIGN (96" L. x 60" HT.)

STANDARD PLAN

MVGF-620A-0

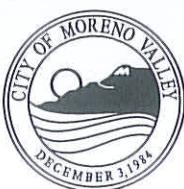
SHEET 1 OF 4






NOTE: THIS STANDARD PLAN WAS REVIEWED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, PLANNING AND BUILDING AND SAFETY DIVISIONS, ON 11-02-2009. COPY OF THE STAMP APPROVED STANDARD IS ON FILE WITH THE CAPITAL PROJECTS DIVISION.

NOT TO SCALE



RECOMMENDED:

 DIVISION MANAGER DATE 1/21/14

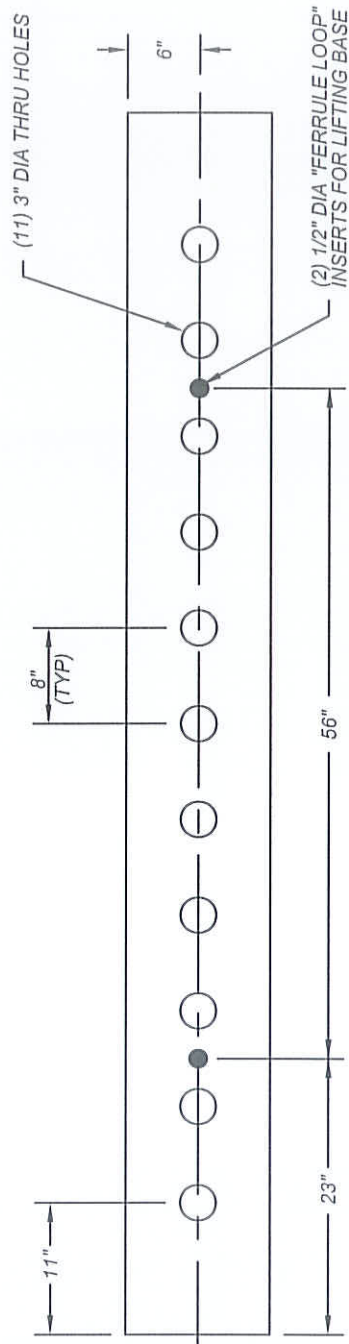
APPROVED:

 PUBLIC WORKS DIRECTOR / DATE 1/29/14
 CITY ENGINEER

CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT

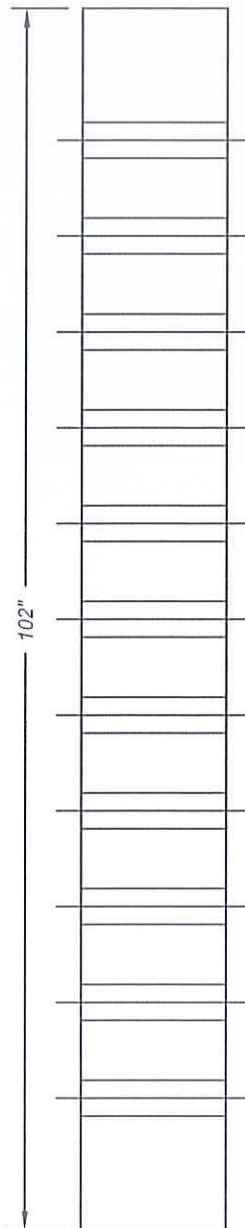
**CONSTRUCTION PLAN
 TWO SIDED SIGN
 (96" L. x 60" HT.)**

STANDARD PLAN
MVGF-620B-0

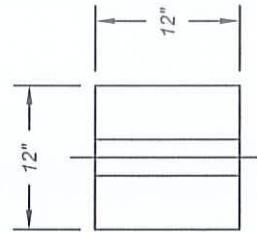
SHEET 2 OF 4



PLAN VIEW



ELEVATION VIEW



SIDE VIEW

NOTE: THIS STANDARD PLAN WAS REVIEWED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, PLANNING AND BUILDING AND SAFETY DIVISIONS, ON 11-02-2009. COPY OF THE STAMP APPROVED STANDARD IS ON FILE WITH THE CAPITAL PROJECTS DIVISION.

NOT TO SCALE



RECOMMENDED:
[Signature] 11/21/14
DIVISION MANAGER DATE

APPROVED:
[Signature] 1/29/14
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY

PARKS AND COMMUNITY SERVICES DEPARTMENT

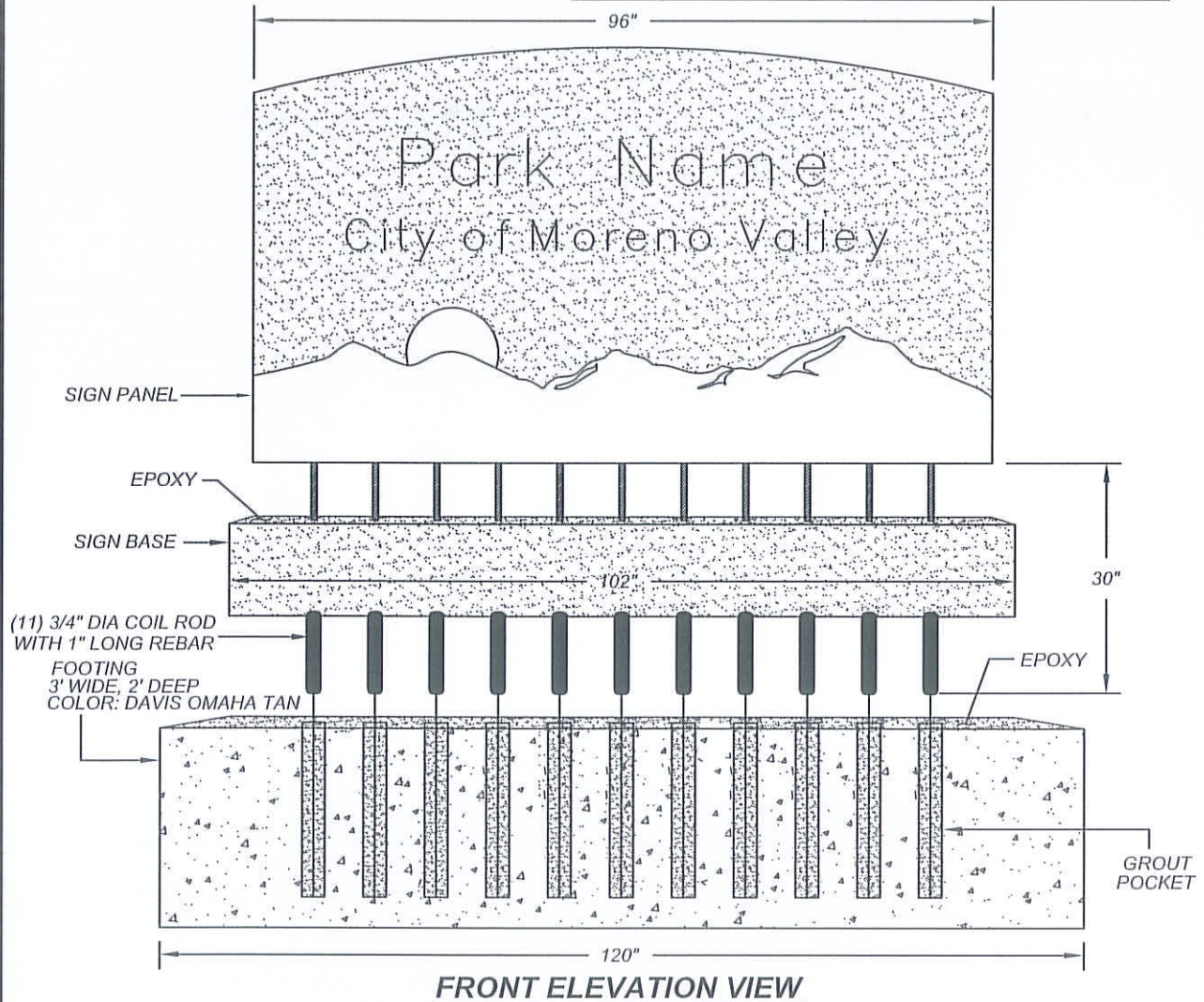
CONSTRUCTION PLAN
SIGN BASE (12" W. x 102" L.)

STANDARD PLAN
MVGF-620C-0
SHEET 3 OF 4

INSTALLATION NOTES:

1. CAST-IN OR CORE DRILL (11) 3" DIA x 20" DEEP GROUT POCKETS INTO FOOTING PER ANCHOR BOLT PATTERN (SEE PLAN BELOW).
2. POUR ESR-2508 RATED EPOXY ON THE FOOTING WHERE BASE WILL BE PLACED.
3. SET BASE ALIGNING HOLES WITH GROUT POCKETS.
4. TAKE (11) 3/4" DIA x 35" LONG COIL RODS AND THREAD 5" INTO (11) 3/4" DIA COIL INSERTS, LEAVING 30" OF COIL ROD EXPOSED.
5. FILL ALL GROUT POCKETS WITH NON-SHRINK GROUT AND POUR EPOXY ON THE BASE WHERE SIGN WILL BE PLACED. INSERT SIGN WITH COIL RODS THROUGH BASE INTO GROUT POCKETS. GROUT TO COMPLY W/ ASTM C-827, ASTM C-1090, ASTM C-1107.
6. FOOTING REINFORCEMENT: #4 REBAR @ 12" O.C. ALL DIRECTIONS. TIE WITH 1/32" (0.8 MM) ANNEALED STEEL WIRE.
7. REQUIRES SPECIAL INSPECTION.

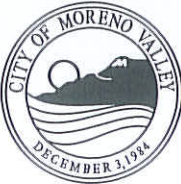


HARDWARE LIST	
QTY	TYPE
11	3/4" DIA x 35" LONG COIL ROD WITH 1" LONG REBAR
1	PATCH KIT



FRONT ELEVATION VIEW

NOTE: THIS STANDARD PLAN WAS REVIEWED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, PLANNING AND BUILDING AND SAFETY DIVISIONS, ON 11-02-2009. COPY OF THE STAMP APPROVED STANDARD IS ON FILE WITH THE CAPITAL PROJECTS DIVISION.

NOT TO SCALE

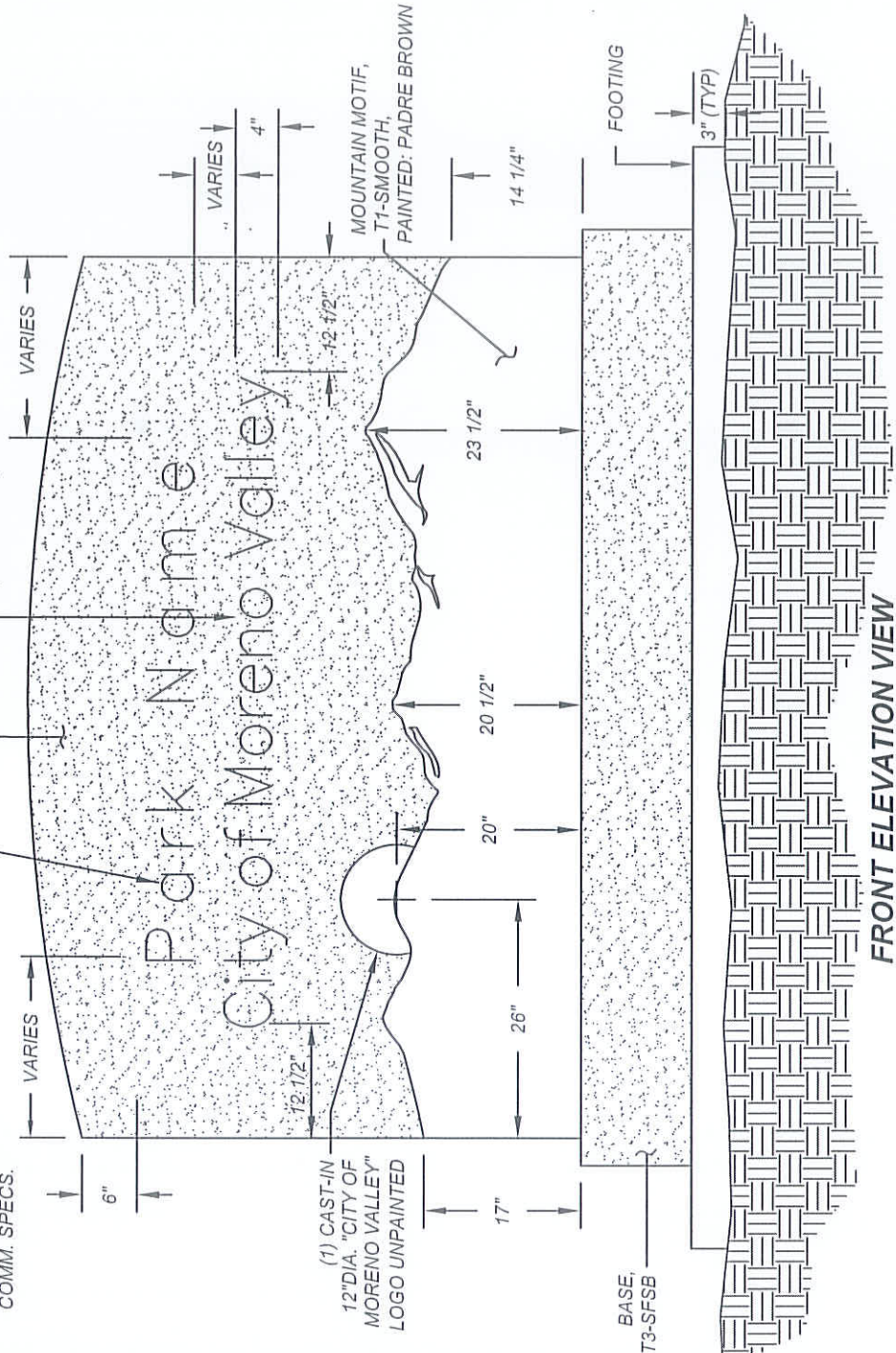
	RECOMMENDED:  DIVISION MANAGER DATE: 11/21/14	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE: 1/29/14		
	INSTALLATION PLAN TWO SIDED SIGN (96" L. X 60" H.)		STANDARD PLAN MVGF-620D-0 SHEET 4 OF 4

*APPROX. WT: 3,066 LBS. (SIGN PANEL)
 *APPROX. WT: 1,248 LBS. (SIGN BASE)

CAST-IN LETTERS
 FONT: AMERICANA
 HEIGHT: 6"
 INSET: 1/2" DEEP
 PAINTED: BLACK
 (CENTERED)

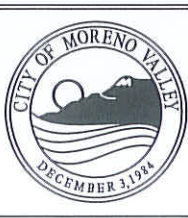


CAST-IN LETTERS
 FONT: AMERICANA
 HEIGHT: 4"
 INSET: 1/4" DEEP
 PAINTED: BLACK
 (CENTERED)

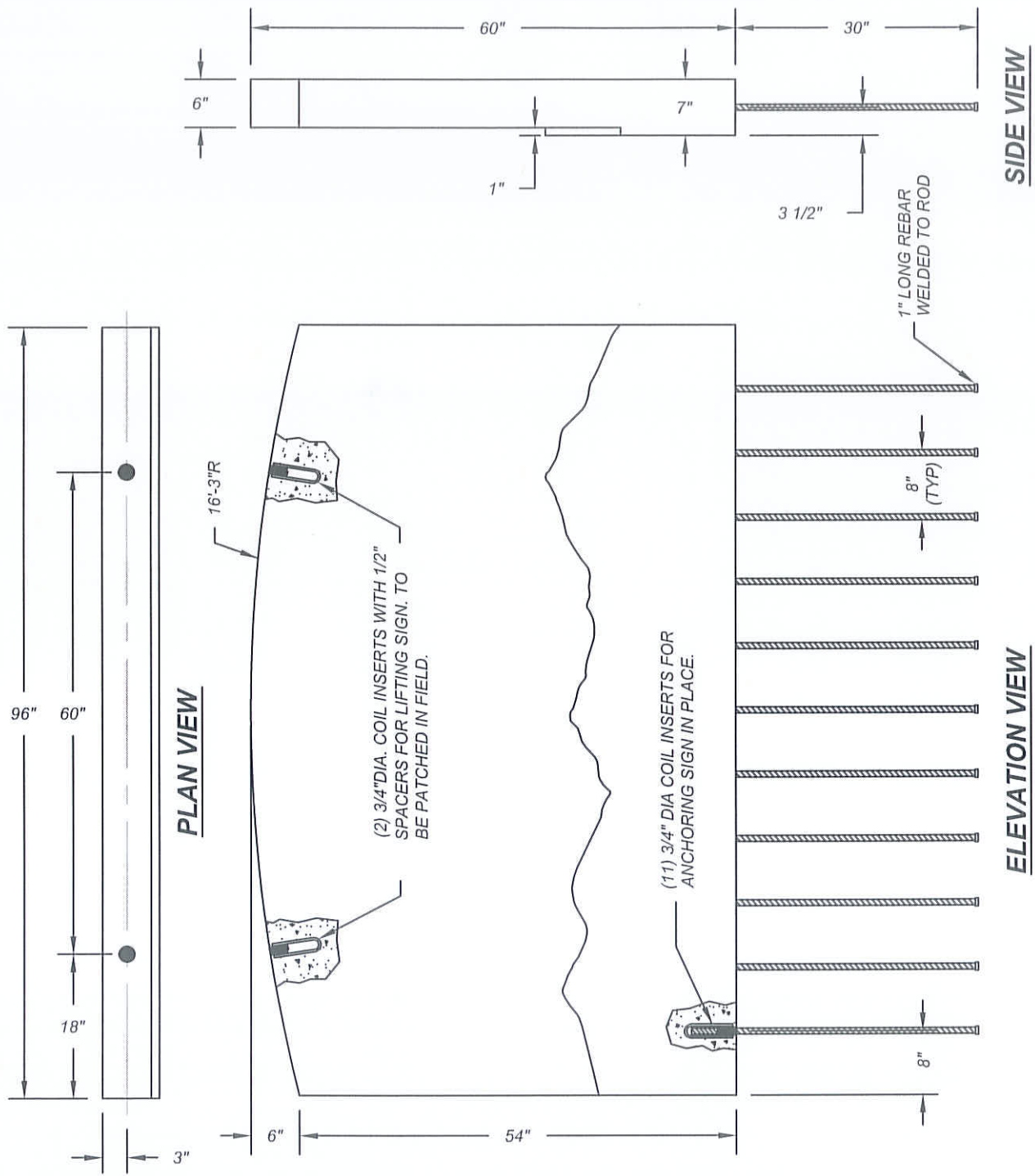
- * ALL EDGES TO HAVE 1/4" RADIUS MIN.
- * MANUFACTURING TOLERANCE $\pm 1/4"$.
- * PRODUCT: ONE SIDED SIGN (96" L. x 60" HT.)
- * QUANTITY: _____
- * CONCRETE COLOR: MIX#5241 (OMAHA TAN)
- * CONCRETE TEXTURE: SEE BELOW
- * SEALER: NONE
- * MFG: QUICKCRETE PRODUCTS
- * ANTIGRAFFITI COATING PER PARKS & COMM. SPECS.



FRONT ELEVATION VIEW

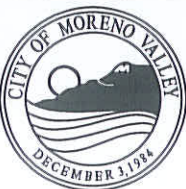
NOTE: THIS STANDARD PLAN WAS REVIEWED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, PLANNING AND BUILDING AND SAFETY DIVISIONS, ON 11-02-2009. COPY OF THE STAMP APPROVED STANDARD IS ON FILE WITH THE CAPITAL PROJECTS DIVISION. NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE: 1/21/14	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE: 1/29/14	GRAPHIC PLAN ONE SIDED SIGN (96" L. X 60" HT.)	



NOTE: THIS STANDARD PLAN WAS REVIEWED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, PLANNING AND BUILDING AND SAFETY DIVISIONS, ON 11-02-2009. COPY OF THE STAMP APPROVED STANDARD IS ON FILE WITH THE CAPITAL PROJECTS DIVISION.

NOT TO SCALE



RECOMMENDED:

[Signature]
DIVISION MANAGER

1/21/14
DATE

APPROVED:

[Signature]
PUBLIC WORKS DIRECTOR /
CITY ENGINEER

1/29/14
DATE

CITY OF MORENO VALLEY

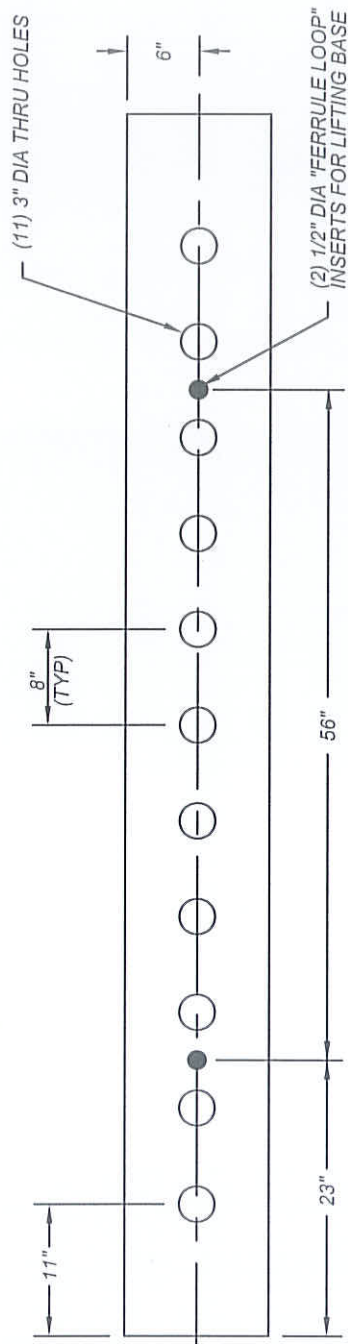
PARKS AND COMMUNITY SERVICES DEPARTMENT

**CONSTRUCTION PLAN
ONE SIDED SIGN
(96" L. X 60" HT.)**

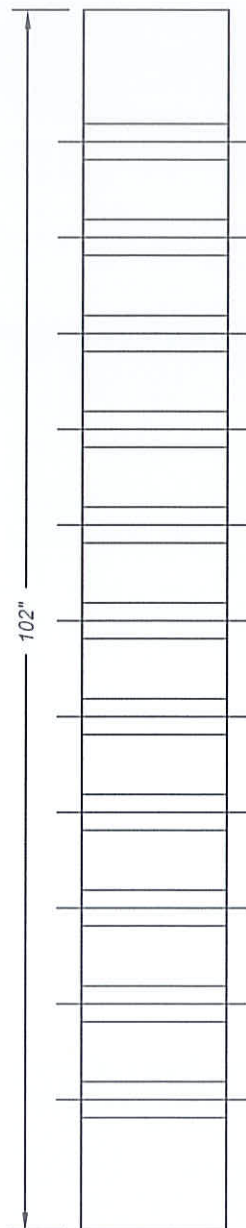
STANDARD PLAN

MVGF-621B-0

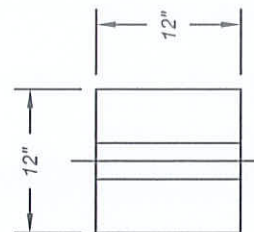
SHEET 2 OF 4



PLAN VIEW



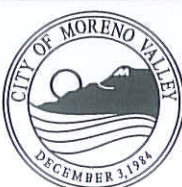
ELEVATION VIEW



SIDE VIEW


NOTE: THIS STANDARD PLAN WAS REVIEWED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, PLANNING AND BUILDING AND SAFETY DIVISIONS, ON 11-02-2009. COPY OF THE STAMP APPROVED STANDARD IS ON FILE WITH THE CAPITAL PROJECTS DIVISION.

NOT TO SCALE



RECOMMENDED:

 DIVISION MANAGER DATE 1/29/14

APPROVED:

 PUBLIC WORKS DIRECTOR / DATE 1/29/14
 CITY ENGINEER

CITY OF MORENO VALLEY

PARKS AND COMMUNITY SERVICES DEPARTMENT

CONSTRUCTION PLAN
SIGN BASE (12"W. X 102"L.)

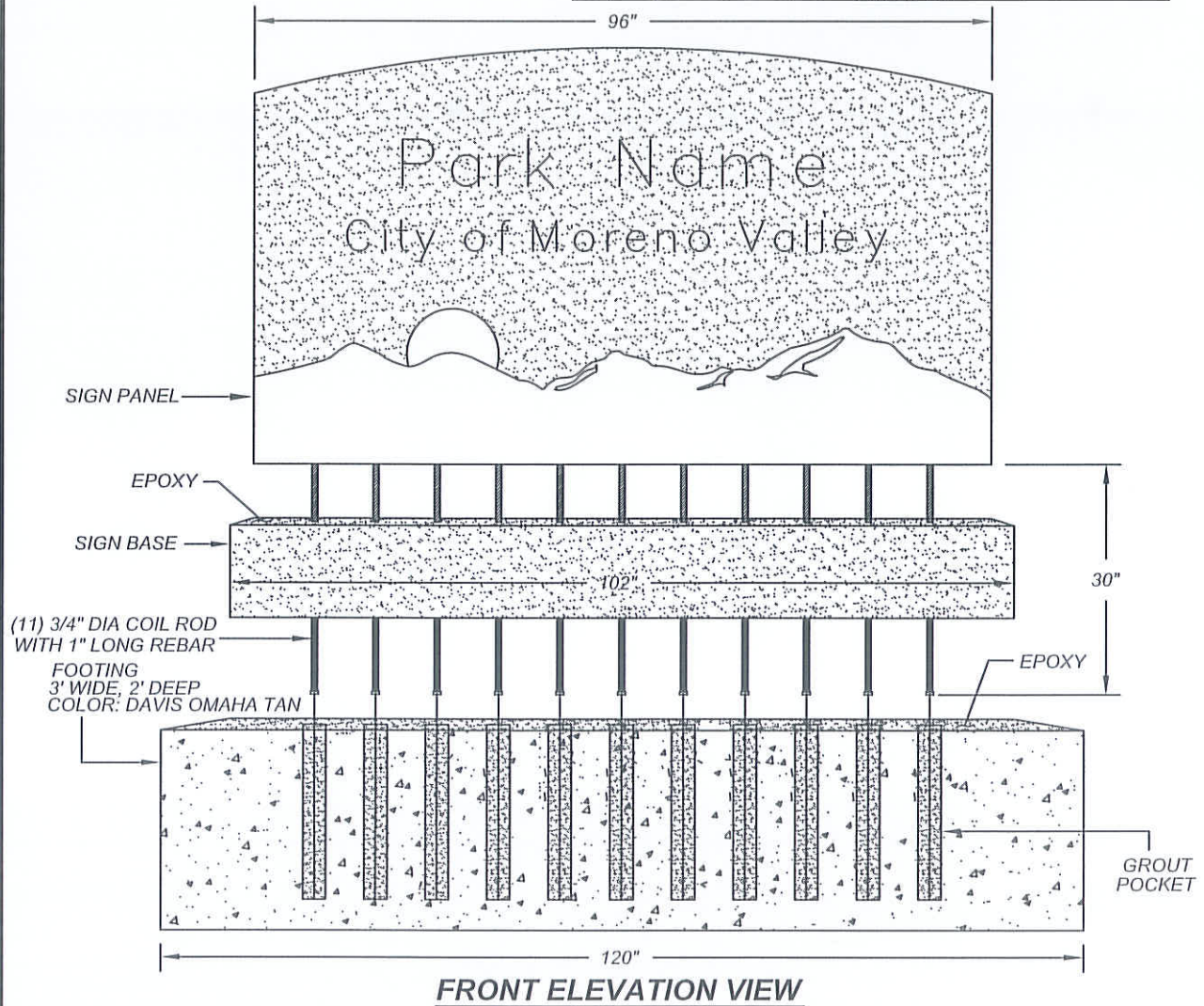
STANDARD PLAN
MVGF-621C-0

SHEET 3 OF 4

INSTALLATION NOTES:

1. CAST-IN OR CORE DRILL (11) 3" DIA x 20" DEEP GROUT POCKETS INTO FOOTING PER ANCHOR BOLT PATTERN (SEE PLAN BELOW).
2. POUR ESR-2508 RATED EPOXY ON THE FOOTING WHERE BASE WILL BE PLACED.
3. SET BASE ALIGNING HOLES WITH GROUT POCKETS.
4. TAKE (11) 3/4"DIA x 35" LONG COIL RODS AND THREAD 5" INTO (11) 3/4" DIA COIL INSERTS, LEAVING 30" OF COIL ROD EXPOSED.
5. FILL ALL GROUT POCKETS WITH NON-SHRINK GROUT AND POUR EPOXY ON THE BASE WHERE SIGN WILL BE PLACED. INSERT SIGN WITH COIL RODS THROUGH BASE INTO GROUT POCKETS. GROUT TO COMPLY W/ ASTM C-827, ASTM C-1090, ASTM C-1107.
6. FOOTING REINFORCEMENT: #4 REBAR @ 12" O.C. ALL DIRECTIONS. TIE WITH 1/32" (0.8 MM) ANNEALED STEEL WIRE.
7. REQUIRES SPECIAL INSPECTION.




HARDWARE LIST	
QTY	TYPE
11	3/4" DIA x 35" LONG COIL ROD WITH 1" LONG REBAR
1	PATCH KIT

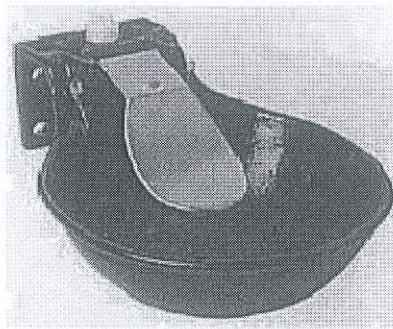


FRONT ELEVATION VIEW

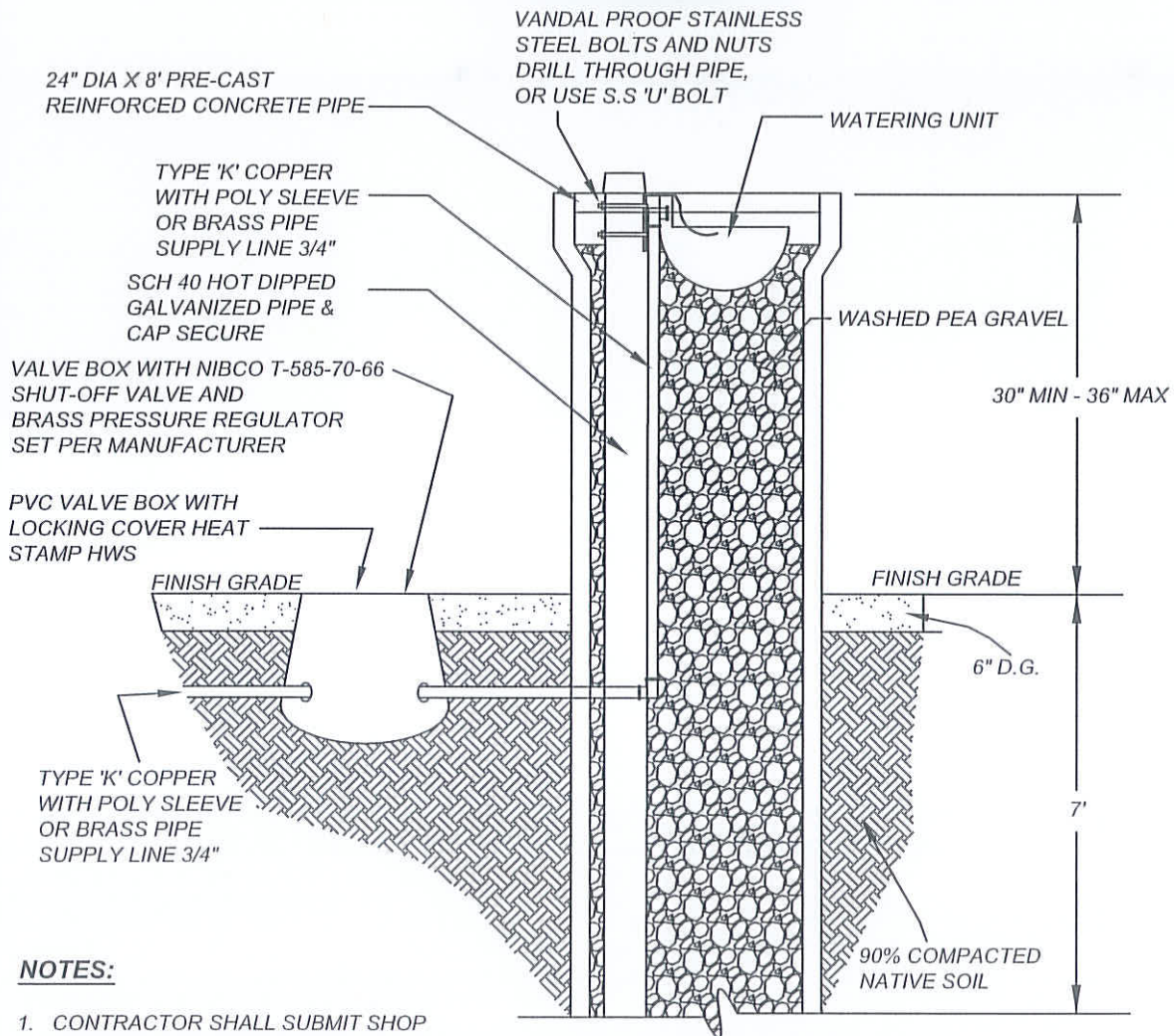
NOTE: THIS STANDARD PLAN WAS REVIEWED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, PLANNING AND BUILDING AND SAFETY DIVISIONS, ON 11-02-2009. COPY OF THE STAMP APPROVED STANDARD IS ON FILE WITH THE CAPITAL PROJECTS DIVISION.

NOT TO SCALE

	RECOMMENDED:  1/21/14 DIVISION MANAGER DATE	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT INSTALLATION PLAN ONE SIDED SIGN (96"L. X 60"H.)		STANDARD PLAN MVGF-621D-0
	APPROVED:  1/29/14 PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER			SHEET 4 OF 4



PUSH PADDLE WATERING BOWL:
STAINLESS STEEL OR CAST IRON
CONSTRUCTION

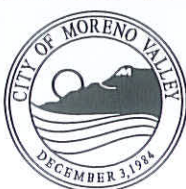


NOTES:

1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL BY PARKS & COMMUNITY SERVICES.
2. REQUIRES SEPARATE BACKFLOW DEVICE

HORSE WATERING STATION

NOT TO SCALE



RECOMMENDED:
[Signature] 1/21/14
DIVISION MANAGER DATE

APPROVED:
[Signature] 1/29/14
PUBLIC WORKS DIRECTOR/ DATE
CITY ENGINEER

CITY OF MORENO VALLEY

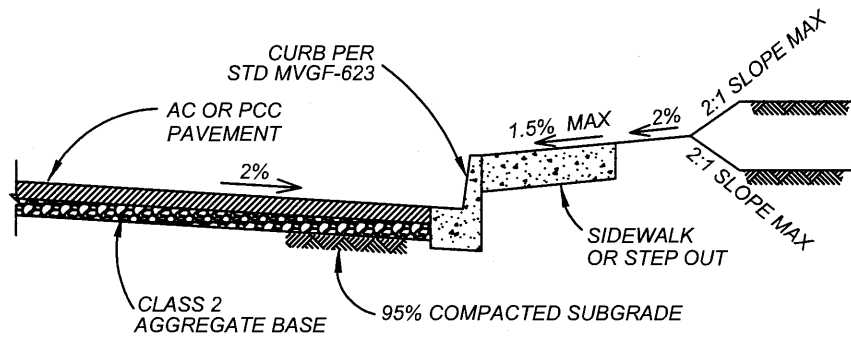
PARKS AND COMMUNITY SERVICES DEPARTMENT

HORSE WATERING STATION

STANDARD PLAN

MVGF-622-0

SHEET 1 OF 1



TYPICAL SECTION

NOTES:

- 1.) MINIMUM THICKNESS OF PAVEMENT SECTION SHALL BE 0.50' AC/1.0' CLASS 2 AB IN DRIVE ISLES AND BUS PARKING, AND 0.33' AC/0.50' CLASS 2 AB FOR PASSENGER VEHICLES.
- 2.) AC SHALL BE PLACED IN LIFTS, AND THICKNESS OF EACH LIFT SHALL NOT EXCEED 3".
- 3.) MINIMUM T.I. = 10 FOR DRIVE ISLES AND BUS PARKING
MINIMUM T.I. = 7 FOR PASSENGER VEHICLES
- 4.) CONCRETE SHALL BE CLASS 650-CW-4000 OR 660-CW-4000

NOT TO SCALE



RECOMMENDED:	
<i>[Signature]</i>	<i>1/20/17</i>
DIVISION MANAGER	DATE
APPROVED:	
<i>[Signature]</i>	<i>1/20/17</i>
PUBLIC WORKS DIRECTOR /	DATE
CITY ENGINEER	

CITY OF MORENO VALLEY

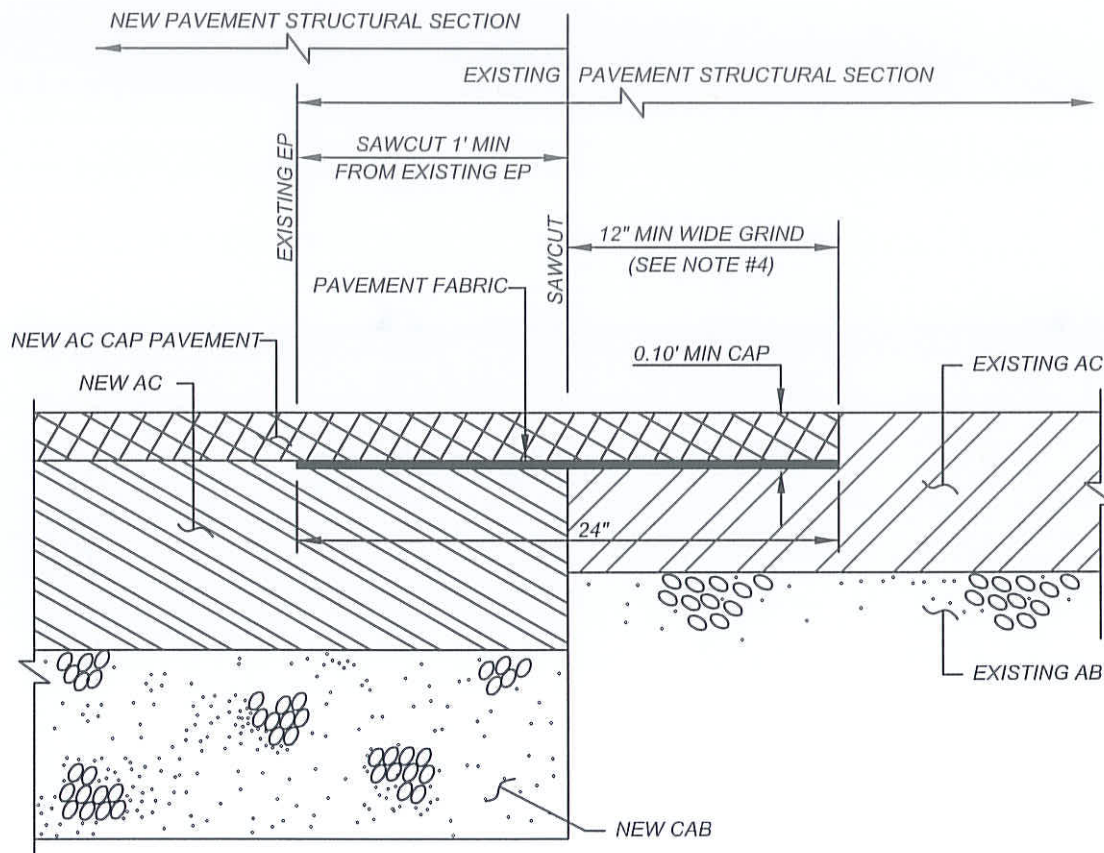
PARKS AND COMMUNITY SERVICES DEPARTMENT

PARKING LOTS

STANDARD PLAN

MVGF-623A-1

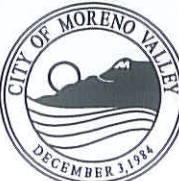
SHEET 1 OF 11

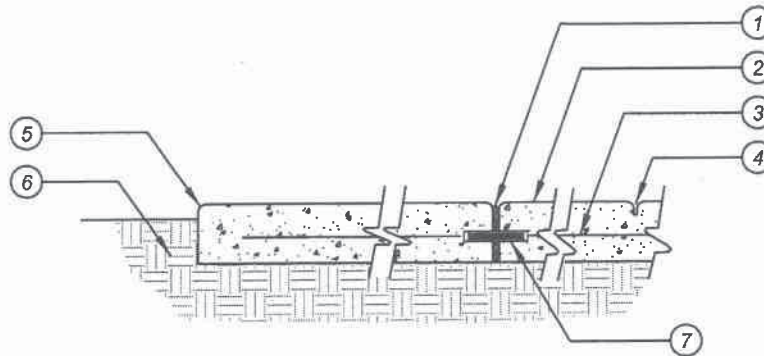


NOTES:

- 1.) THIS STANDARD SHALL APPLY TO PROJECTS THAT REQUIRE NEW PARKING WIDENING OR EXTENSION THAT ABUTS TO EXISTING PARKING.
- 2.) THE NEW PARKING STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH THE PROJECT'S CITY-APPROVED GEOTECHNICAL REPORT.
- 3.) PAVEMENT FABRIC SHALL BE IN ACCORDANCE WITH THE THE LATEST VERSION OF THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND/OR THE PROJECT'S CITY-APPROVED SPECIFICATIONS OR AS RECOMMENDED BY A GEOTECHNICAL ENGINEER/REGISTERED CIVIL ENGINEER AND APPROVED BY THE PARKS AND COMMUNITY SERVICES DEPARTMENT.
- 4.) NEW PAVEMENT SHALL BE EXTENDED TO THE NEAREST LANE LINES AS REQUIRED BY PARKS AND COMMUNITY SERVICES DEPARTMENT.

NOT TO SCALE

	RECOMMENDED:  1/25/14 DIVISION MANAGER DATE	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT		
	APPROVED:  1/29/14 PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER	JOIN EXISTING PARKING LOT PAVEMENT DETAIL		STANDARD PLAN MVGF-623B-0
				SHEET 2 OF 11




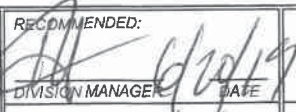

LEGEND:

- ① 1/2" REMOVABLE CAP FELT EXPANSION JOINT WITH 2-PART, ELASTOMERIC POLYSULFIDE-BASED JOINT SEALANT. SAND TO MATCH ADJACENT CONCRETE
- ② FINISH SURFACE - SEE CONSTRUCTION LEGEND FOR FINISH
- ③ #4 BAR @ 24" OC, 2 DIRECTIONS, CENTERED IN PAVING (UNLESS OTHERWISE DIRECTED BY SOILS REPORT OR AGENCY)
- ④ 3/4" DEEP MINIMUM SCORE LINE
- ⑤ 1/2" RADIUS TYP
- ⑥ 90% COMPACTED SUBGRADE
- ⑦ SPEED DOWEL @ ALL COLD JOINTS (24" x MIN No 4 BILLET BAR)

NOTES:

- 1.) THIS STANDARD TO BE USED FOR REPLACEMENT OF WALKS ON CITY PARKS.
- 2.) 6' WALKS - SCORE AT 6' ON CENTER WITH EXPANSION JOINTS AT 60' ON CENTER.
- 3.) 10' WALKS - SCORE AT 10' ON CENTER WITH EXPANSION JOINTS AT 60' ON CENTER.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER		
	CONCRETE PAVEMENT JOINT		STANDARD PLAN MVGF-623C-1 SHEET 3 OF 11

TRAFFIC STRIPES AND PAVEMENT MARKING REQUIREMENTS:

ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST PROVISIONS SET FORTH IN SECTION 84, "TRAFFIC STRIPES AND PAVEMENT LEGENDS" OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, EXCEPT AS NOTED OTHERWISE.

MATERIALS

PAINT FOR TRAFFIC STRIPING AND PAVEMENT LEGENDS SHALL BE WHITE, YELLOW, BLUE, RED OR BLACK AS REQUIRED, SHALL BE WATER BORNE TRAFFIC PAINT, FAST DRY CONFORMING TO CALIFORNIA STATE SPECIFICATIONS AND SHALL BE REVIEWED AND APPROVED BY THE PROJECT MANAGER PRIOR TO APPLICATION. ALL STENCILS USED TO PAINT PAVEMENT LEGENDS MUST CONFORM TO THE LATEST CALTRANS APPROVED METRIC STENCILING STANDARDS.

APPLICATION

STRIPING AND PAVEMENT LEGENDS SHALL BE APPLIED IN TWO (2) COATS WITH AIRLESS EQUIPMENT. ALL STRIPING SHALL BE PERFORMED WITH A COMMERCIAL STRIPING MACHINE. NO EXCEPTIONS.

THE SECOND COAT OF PAINT SHALL NOT BE APPLIED UNTIL AT LEAST 2 HOURS AFTER THE FIRST COAT. EACH COAT OF PAINT SHALL BE APPLIED AT THE WET FILM THICKNESS OF 10-12 MILS FOR WHITE AND YELLOW PAINT AND 7 MILS FOR BLACK PAINT. ALL PAINT SHALL BE APPLIED AT A RELATIVE HUMIDITY BELOW 75% AND AN AMBIENT TEMPERATURE ABOVE 55 °F, UNLESS WAIVED BY THE PARKS AND COMMUNITY SERVICES DEPARTMENT.

FOR BLUE PAINT, REFLECTIVE GLASS BEADS SHALL BE UNIFORMLY INCORPORATED IN ALL COATS OF PAINT CONCURRENTLY WITH THE APPLICATION OF THE PAINT. THE GLASS BEADS SHALL BE EMBEDDED IN THE COAT OF TRAFFIC PAINT BEING APPLIED TO A DEPTH OF AT LEAST ONE-HALF THEIR DIAMETERS. THE REFLECTIVE GLASS BEADS SHALL BE APPLIED TO THE FIRST COAT OF PAINT AT THE RATE OF 6 POUNDS OF BEADS PER GALLON OF PAINT AND TO THE SECOND COAT OF PAINT AT THE RATE OF 8 POUNDS OF BEADS PER GALLON OF PAINT.



ASPHALT SURFACES SHALL BE DRY, CLEAN, AND FREE OF CONTAMINANTS SUCH AS SURFACE OILS OR EXISTING ROAD MARKING MATERIALS. CONTAMINANTS SHALL BE REMOVED BY MECHANICAL MEANS. MATERIAL SHALL BE APPLIED ONLY WITH EQUIPMENT WHICH IS SPECIFICALLY DESIGNED AND CAPABLE OF PROPERLY MIXING AT THE POINT AND TIME OF APPLICATION.

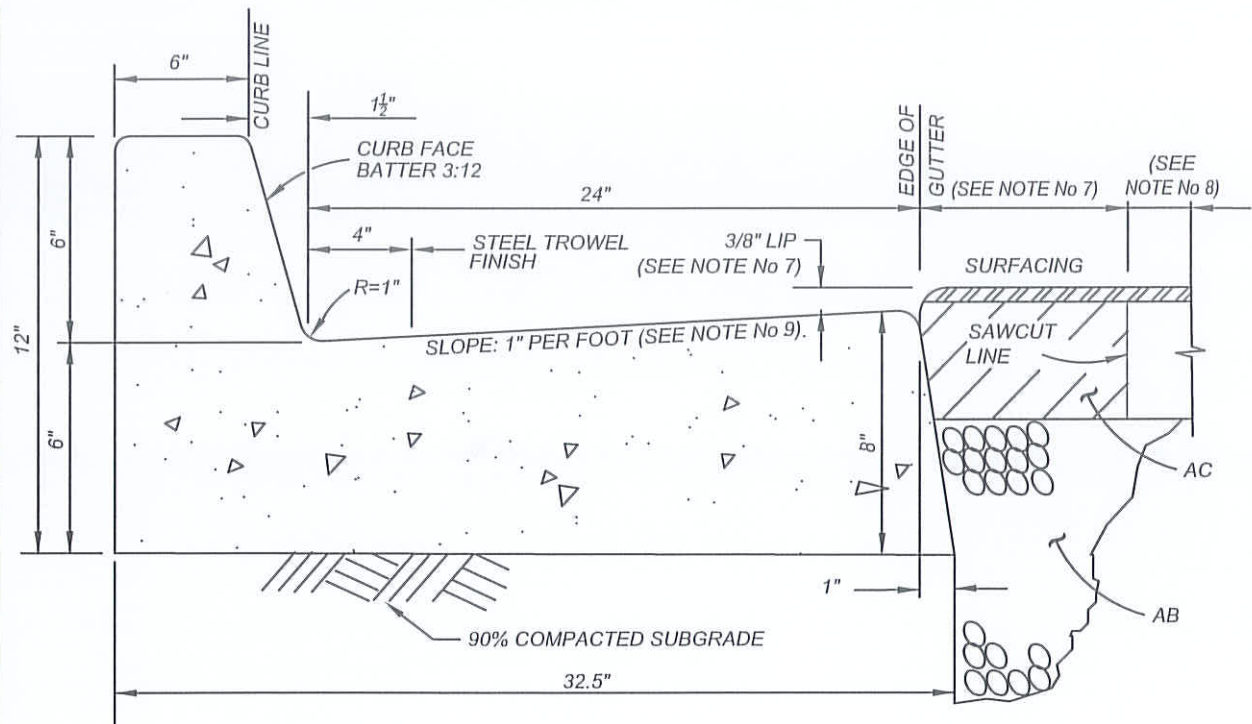
ANY STRIPING OR PAVEMENT LEGENDS NOT SHOWN ON THE APPROVED PLAN, BUT DEEMED NECESSARY BY PARKS AND COMMUNITY SERVICES, SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.

CONTRACTOR SHALL INSTALL BLUE MARKERS (3M TYPE DB OR EQUAL) ADJACENT TO FIRE HYDRANTS PER CITY STANDARDS MVL-440A-0, MVL-440B-0 AND MVL-440C-0.

NEWLY PAINTED STRIPING AND PAVEMENT LEGENDS SHALL BE PROTECTED FROM DAMAGE BY PUBLIC TRAFFIC OR OTHER CAUSES UNTIL THE PAINT IS THOROUGHLY DRY. ANY EXISTING OR NEWLY PAINTED STRIPING OR PAVEMENT LEGENDS WHICH ARE DAMAGED AS A RESULT OF THE CONSTRUCTION, INCLUDING WHEEL LEGENDS BY PUBLIC TRAFFIC AND THE CONSTRUCTION EQUIPMENT, SHALL BE REPAINTED BY THE CONTRACTOR.

NOT TO SCALE

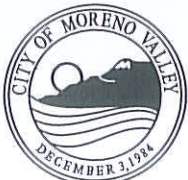


	RECOMMENDED:  DIVISION MANAGER	11/21/14 DATE	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT PARKS STRIPING & PAVEMENT LEGEND STANDARDS & SPECIFICATIONS	STANDARD PLAN MVGF-623D-0
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER	1/29/14 DATE		SHEET 4 OF 11

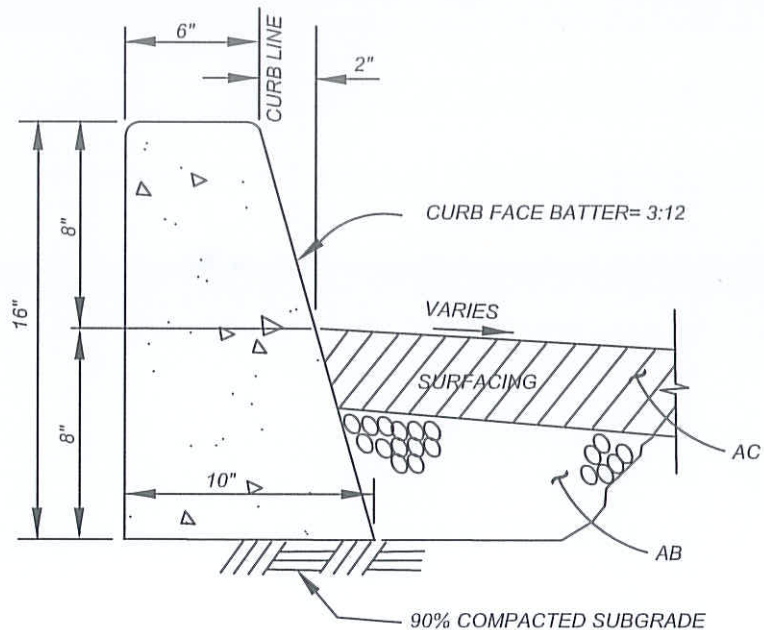


NOTES:

- 1.) CONCRETE SHALL BE CLASS 560-C-3250 PCC, CURED WITH PIGMENTED CURING COMPOUND, CLEAN OR COLORED.
- 2.) ALL EXPOSED CORNERS SHALL BE FINISHED WITH 1/2" RADIUS UNLESS OTHERWISE STATED.
- 3.) FINISH SHALL BE FINE BROOM.
- 4.) EXISTING PCC SHALL BE SAWCUT AT WEAKENED PLANE JOINT PRIOR TO REMOVAL.
- 5.) CURBS SHALL HAVE WEAKENED PLANE JOINTS AT 10' INTERVALS; NO SCORE LINES ALLOWED.
- 6.) WHEN CURB AND GUTTER IS PLACED BY AN EXTRUSION MACHINE, FINISHING WORK SHALL PROVIDE AN ACCEPTABLE FINISH AND WEAKENED PLANE JOINTS MAY BE SAWCUT.
- 7.) A MINIMUM 1' WIDE AC PAVEMENT REPAIR PATCH IS REQUIRED WHEN CURB AND GUTTER IS PLACED ADJACENT TO EXISTING AC PAVEMENT. PAVEMENT SURFACE NEAR BOTTOM OF ACCESS RAMP SHALL BE FLUSH WITH EDGE OF GUTTER (NO LIP) AND PAVEMENT SLOPE SHALL NOT EXCEED 5% IN ANY DIRECTION. REFER TO STANDARDS MVSI-114A-0 AND MVSI-114B-0 FOR REQUIREMENTS.
- 8.) A MINIMUM 1' WIDE GRIND/COLDMILL 0.10' DEEP SLOT OR AS DIRECTED BY THE PARKS AND COMMUNITY SERVICES.
- 9.) GUTTER SLOPE NEAR BOTTOM OF ACCESS RAMP SHALL NOT EXCEED 5% (HIKE = 1.2" MAX) REFER TO STANDARDS MVSI-114A-0 AND MVSI-114B-0 FOR REQUIREMENTS.
- 10.) INTEGRATED COLOR PER PLANS.

NOT TO SCALE




	RECOMMENDED:  DIVISION MANAGER DATE: 1/20/14	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE: 1/29/14		
	TYPE 6 INTEGRAL CURB AND GUTTER FOR PARKS		SHEET 5 OF 11

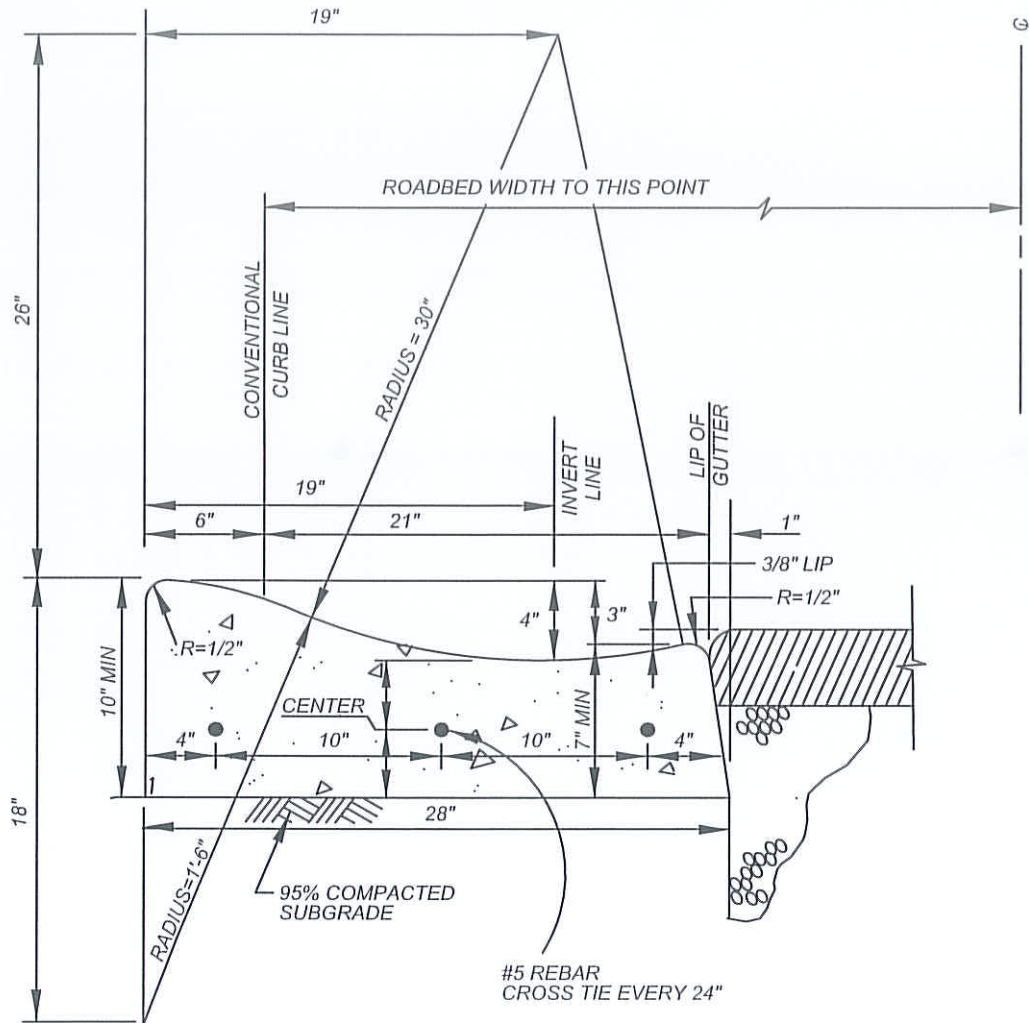


NOTES:

- 1.) CONCRETE SHALL BE CLASS 560-C-3250 PCC, CURED WITH PIGMENTED CURING COMPOUND, CLEAN OR COLORED.
- 2.) ALL EXPOSED CORNERS SHALL BE FINISHED WITH $\frac{1}{2}$ " RADIUS.
- 3.) FINISH SHALL BE FINE BROOM.
- 4.) EXISTING PCC SHALL BE SAWCUT AT JOINT PRIOR TO REMOVAL.
- 5.) CURBS SHALL HAVE EXPANSION JOINTS AT BCR AND ECR AND WEAKENED PLANE JOINTS AT 10' INTERVALS ONLY.
- 6.) WHEN CURB AND GUTTER IS PLACED BY AN EXTRUSION MACHINE, FINISHING WORK SHALL PROVIDE AN ACCEPTABLE FINISH AND WEAKENED PLANE JOINTS MAY BE SAWCUT.
- 7.) INTEGRATED COLOR PER PLANS.

NOT TO SCALE

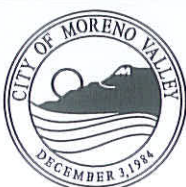
	RECOMMENDED:  DIVISION MANAGER DATE 1/21/14	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT		
	APPROVED:  PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER 1/29/14	TYPE 8A CURB FOR PARKS		STANDARD PLAN MVGF-623F-0
				SHEET 6 OF 11



NOTES:

- 1.) CONCRETE SHALL BE CLASS 660-C-4000 PCC, CURED WITH WHITE PIGMENTED CURING COMPOUND.
- 2.) ALL EXPOSED CORNERS SHALL BE FINISHED WITH $\frac{1}{2}$ " RADIUS.
- 3.) FINISH SHALL BE FINE BROOM.
- 4.) EXISTING PCC SHALL BE SAWCUT AT SCORELINE PRIOR TO REMOVAL.
- 5.) CURBS SHALL HAVE EXPANSION JOINTS AT 60' INTERVALS, AND WEAKENED PLANE JOINTS AT 10' INTERVALS ONLY; NO SCORELINE ALLOWED.
- 6.) WHEN ROLLED CURB IS PLACED BY AN EXTRUSION MACHINE, FINISHING WORK SHALL PROVIDE AN ACCEPTABLE FINISH AND WEAKENED PLANE JOINTS MAY BE SAWCUT.
- 7.) ROLLED CURB MAY BE USED WITH THE APPROVAL OF THE CITY ENGINEER.

NOT TO SCALE



RECOMMENDED:

[Signature]
DIVISION MANAGER

11/21/14
DATE

APPROVED:

[Signature]
PUBLIC WORKS DIRECTOR /
CITY ENGINEER

1/29/14
DATE

CITY OF MORENO VALLEY

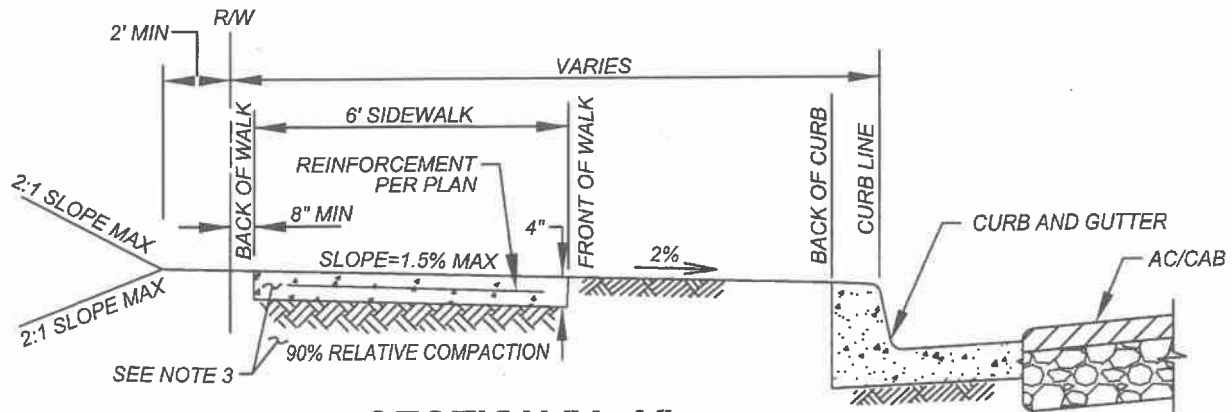
PARKS AND COMMUNITY SERVICES DEPARTMENT

TYPE C ROLLED CURB FOR PARKS

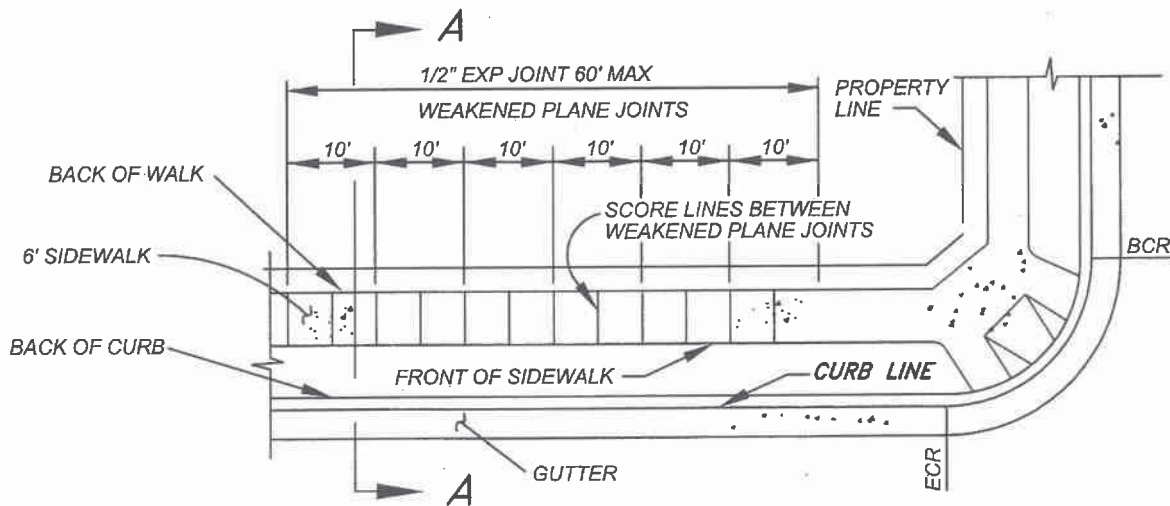
STANDARD PLAN

MVGF-623G-0

SHEET 7 OF 11



SECTION "A-A"



PLAN VIEW

NOTES:

- 1.) THICKNESS OF WALK WAY SHALL BE 4" MIN EXCEPT IN DRIVEWAY APRONS WHERE 8" MIN IS REQUIRED.
- 2.) WALK WAY SHALL HAVE 1/2" WIDE PREMOLDED EXPANSION JOINTS AND 1- 1/2" DEEP WEAKENED PLANE JOINTS AT INTERVALS SHOWN HEREON. JOINTS SHALL HAVE EDGES WITH 1/4" RADIUS.
- 3.) CONCRETE SHALL BE CLASS 560-C-3250, CURE WITH WHITE PIGMENTED CURING COMPOUND OVER 90% RELATIVE COMPACTED SUBGRADE. ALTERNATIVELY, IF APPROVED BY THE CITY ENGINEER, PERVIOUS PCC MAY BE USED. PERVIOUS PCC AND SUBGRADE SHALL MEET THE REQUIREMENTS OF SECTIONS 303-8 AND 201-1.1.6 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, LATEST EDITION.
- 4.) 18" MOISTURE PENETRATION REQUIRED PRIOR TO PLACING CONCRETE IN WALK WAY AREA (NON-EXPANSIVE SOIL AS DETERMINED BY SOILS TEST ARE EXEMPT AND REQUIRE ONLY SURFACE WETTING.)
- 5.) PARKWAY FROM CURB TO PROPERTY LINE TO BE BROUGHT TO GRADE BY CONTRACTOR BEFORE FINAL APPROVAL.
- 6.) WALK WAY SHALL BE FORMED IN SUCH A MANNER AS TO MAINTAIN 48" MINIMUM OF UNOBSTRUCTED PEDESTRIAN WAY AT ALL LOCATIONS, INCLUDING BUT NOT LIMITED TO STREET LIGHTS, ELECTROLIERS, POWER POLES, AND FIRE HYDRANTS. SEE STANDARD 213.
- 7.) WHERE NEW 6.0' WIDE WALK WAY JOINS EXISTING NARROWER SIDEWALK, A 5:1 TRANSITION IS REQUIRED.

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

APPROVED:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

DATE

7/30/19

DATE

CITY OF MORENO VALLEY

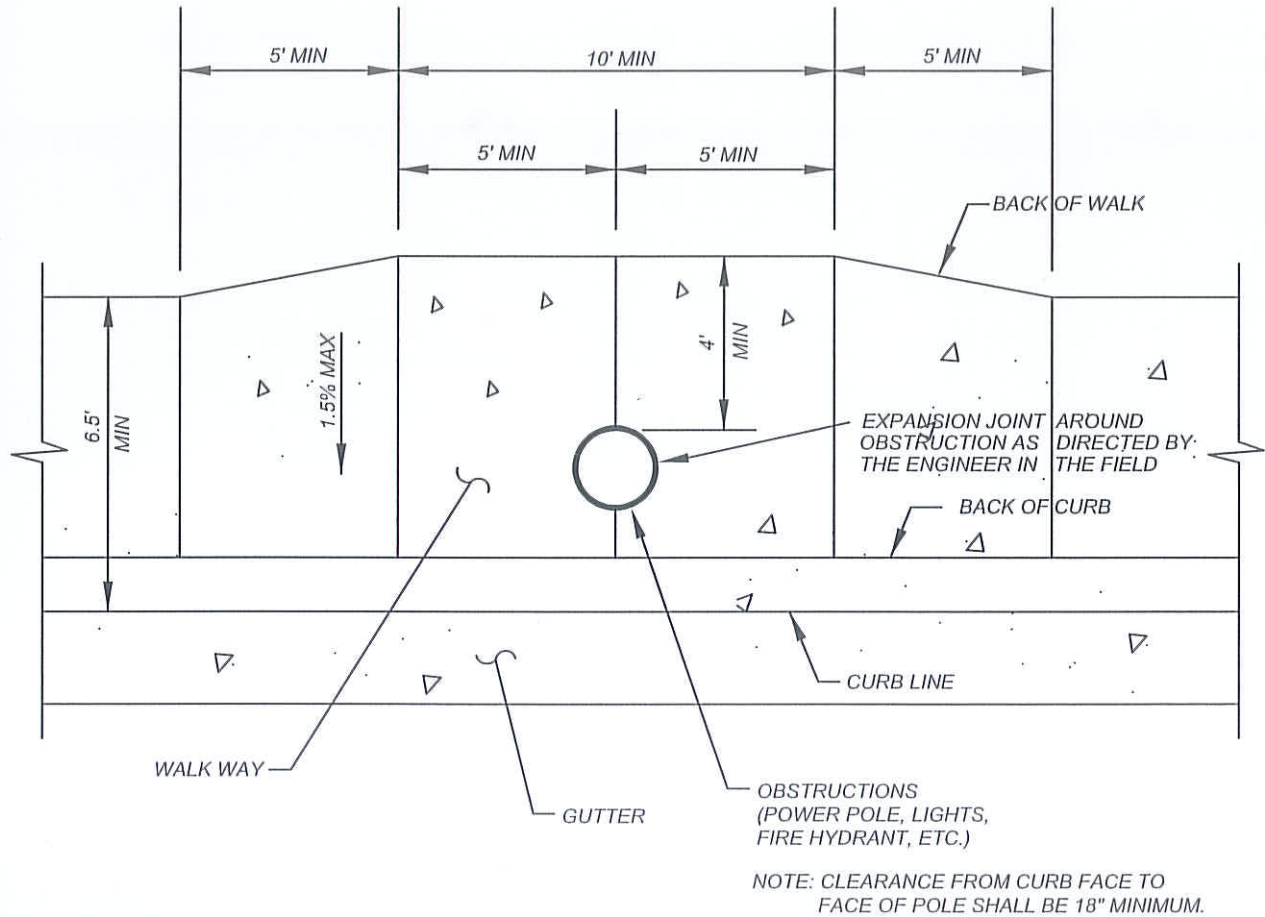
PARKS AND COMMUNITY SERVICES DEPARTMENT

CURB SEPARATED WALK WAY FOR PARKS

STANDARD PLAN

MVGF-623H-0

SHEET 8 OF 11



NOTES:

- 1.) SIDEWALK SHALL WIDEN TO MINIMUM 4' CLEARANCE FOR A MINIMUM LENGTH OF 10', CENTERED AROUND OBSTRUCTION.
- 2.) MINIMUM TRANSITION LENGTH SHALL BE 5'.
- 3.) ALL CROSS SLOPES ON SIDEWALK SHALL BE 1.5% MAX.

NOT TO SCALE



RECOMMENDED:

 DIVISION MANAGER
 DATE 11/21/14

APPROVED:

 PUBLIC WORKS DIRECTOR / DATE
 CITY ENGINEER 1/29/14

CITY OF MORENO VALLEY

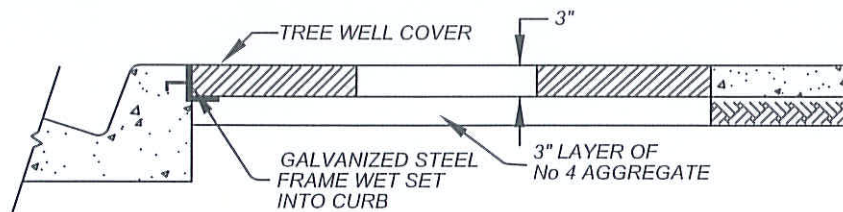
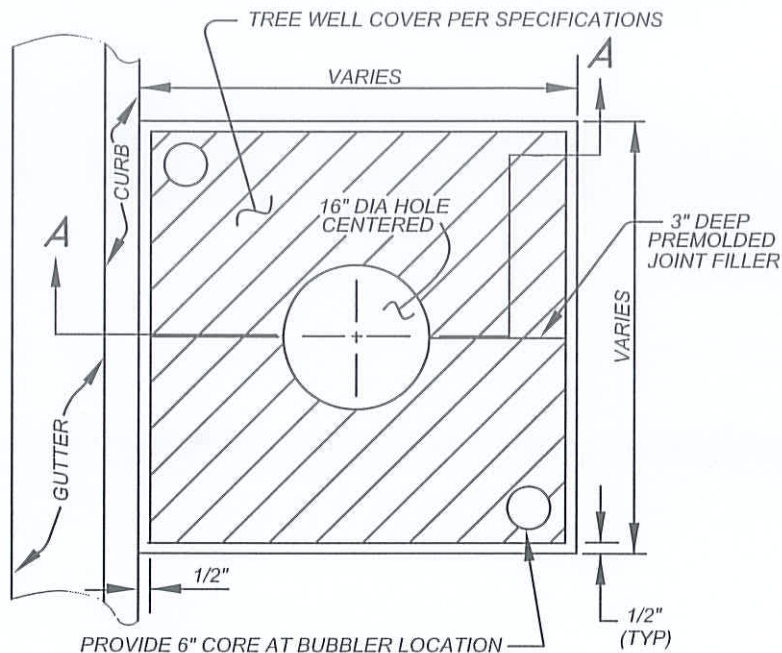
PARKS AND COMMUNITY SERVICES DEPARTMENT

**WALK WAY PLACEMENT
 AROUND OBSTRUCTIONS
 FOR PARKS**

STANDARD PLAN

MVGF-623I-0

SHEET 9 OF 11



SECTION "A-A"

NOTES:

- 1.) SEE PROJECT PLANS FOR TYPE OF TREE WELL COVER OR TREE GUARD AND GRATING TO BE USED.
- 2.) ROOT BARRIER SHALL BE FABRICATED FROM A HIGH DENSITY AND HIGH IMPACT PLASTIC SUCH AS POLYVINYL CHLORIDE, ABS OR POLYETHYLENE AND HAVE A MINIMUM THICKNESS OF 0.6 INCH. THE PLASTIC SHALL HAVE $\frac{1}{2}$ " HIGH RAISED VERTICAL RIBS ON THE INNER SURFACE SPACED NOT MORE THAN 6" APART. INSTALLATION PER MANUFACTURER'S PRINTED INSTRUCTIONS.
- 3.) PLANTING SHALL CONFORM TO SUBSECTION 308-4 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, EXCEPT THAT:
 - A. THE LOWER 10" OF THE EXCAVATION SHALL BE BACKFILLED WITH PREPARED SOIL MIX AND JETTED PRIOR TO PLACING THE ROOT BARRIER AND THE No 3 CONCRETE AGGREGATE.
 - B. PREPARED SOIL MIX SHALL BE PLACED IN THE PLANTING HOLE AND COMPACTED TO BOTTOM OF ROOT BALL ELEVATION PRIOR TO PROCEEDING WITH TREE PLANTING.
- 4.) AFTER PLANTING, EACH TREE SHALL BE WATERED IMMEDIATELY WITH A MINIMUM OF 20 GALLONS OF WATER. REPEAT THE WATERING TWICE IN THE NEXT 3 DAYS, AT NO CLOSER THAN 24 HOUR INTERVALS.
- 5.) AFTER THE TREE HAS BEEN WATERED FOR THREE DAYS, ALLOW THE SOIL TO DRY SUFFICIENTLY, THEN TAMP AND GRADE THE SOIL. PLACE AND GRADE THE LAYER OF CONCRETE AGGREGATE IN ORDER TO SET THE TREE WELL COVER OR GRATING FIRMLY AND FLUSH WITH THE TOP OF THE SIDEWALK OR CURB.
- 6.) TRUNK TAPERS SHALL NOT BE BELOW THE FINISH GRADE OF PLANTER.

NOT TO SCALE



RECOMMENDED:

[Signature]
DIVISION MANAGER

1/21/14
DATE

APPROVED:

[Signature]
PUBLIC WORKS DIRECTOR /
CITY ENGINEER

1/29/14
DATE

CITY OF MORENO VALLEY

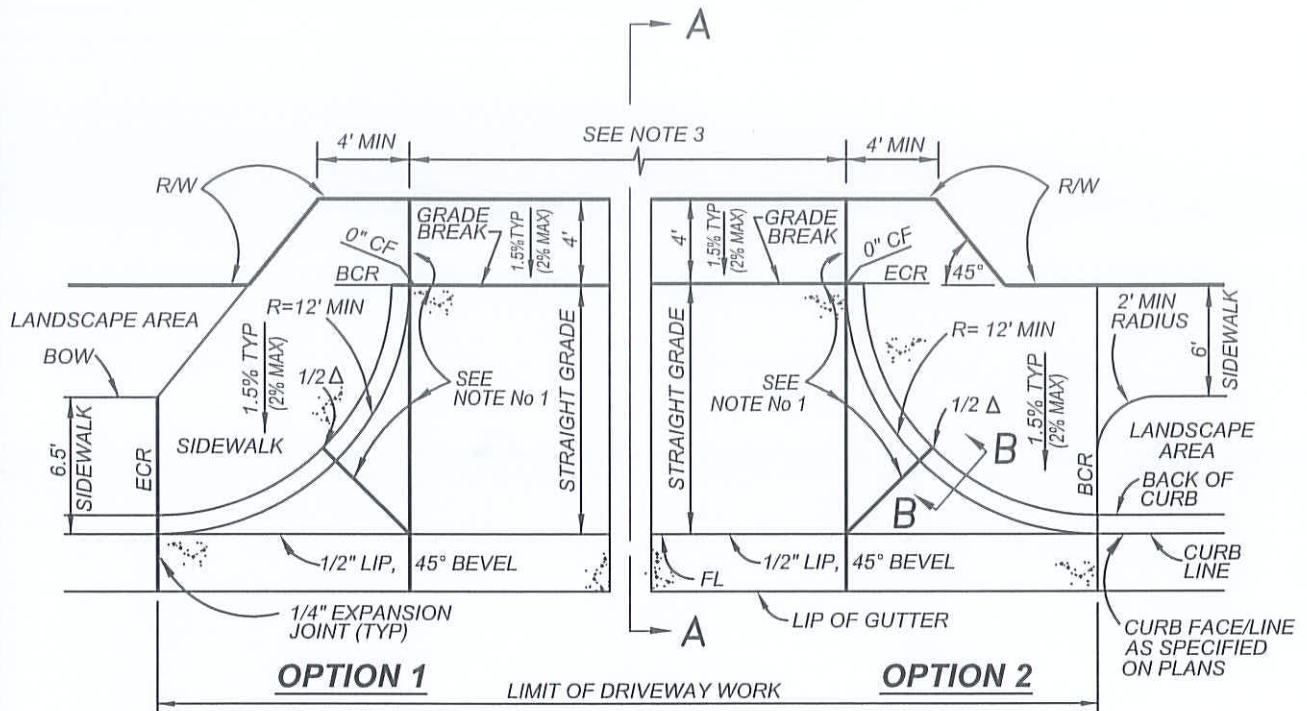
PARKS AND COMMUNITY SERVICES DEPARTMENT

TREE WELL FOR PARKS

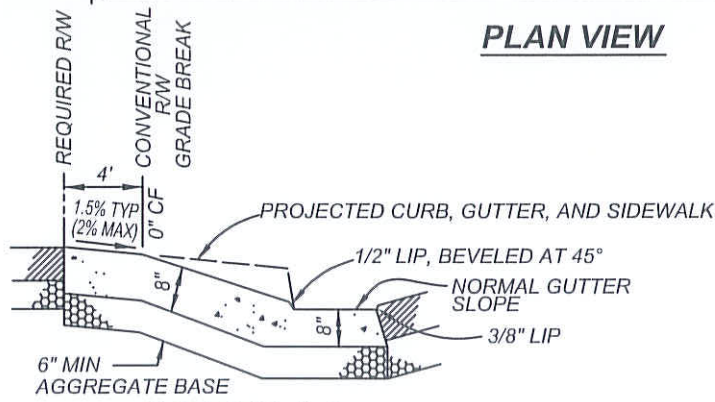
STANDARD PLAN

MVGF-623J-0

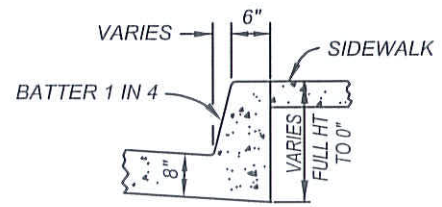
SHEET 10 OF 11



PLAN VIEW



SECTION A-A

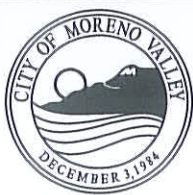



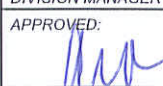
SECTION B-B

NOTES:

- 1.) WEAKENED PLANE JOINT REQUIRED AT CENTERLINE OF APPROACH AND AT LOCATIONS AS SHOWN, SPACED 10' MAX AS NECESSARY.
- 2.) CONCRETE SHALL BE CLASS 660-C-4000, CURED WITH WHITE PIGMENTED CURING COMPOUND.
- 3.) MINIMUM WIDTH SHALL BE 24', MAXIMUM WIDTH SHALL BE 40'.
THIS STANDARD MAY BE USED FOR BIKEWAY APPROACHES IN PARKS WITH WIDTH SHALL BE 16' ONLY.
- 4.) TYPE III APPROACH FOR PARKS AND TRAILS SHALL INCLUDE #4 REBARS AT 18" ON CENTER (2 DIRECTIONS).
- 5.) 4' LONG #4 SMOOTH ROUND BARS SHALL BE USED WHEN DRIVEWAY APPROACH IS NOT POURED MONOLITHIC.
- 6.) MUST COMPLY WITH ADA REQUIREMENTS.

NOT TO SCALE



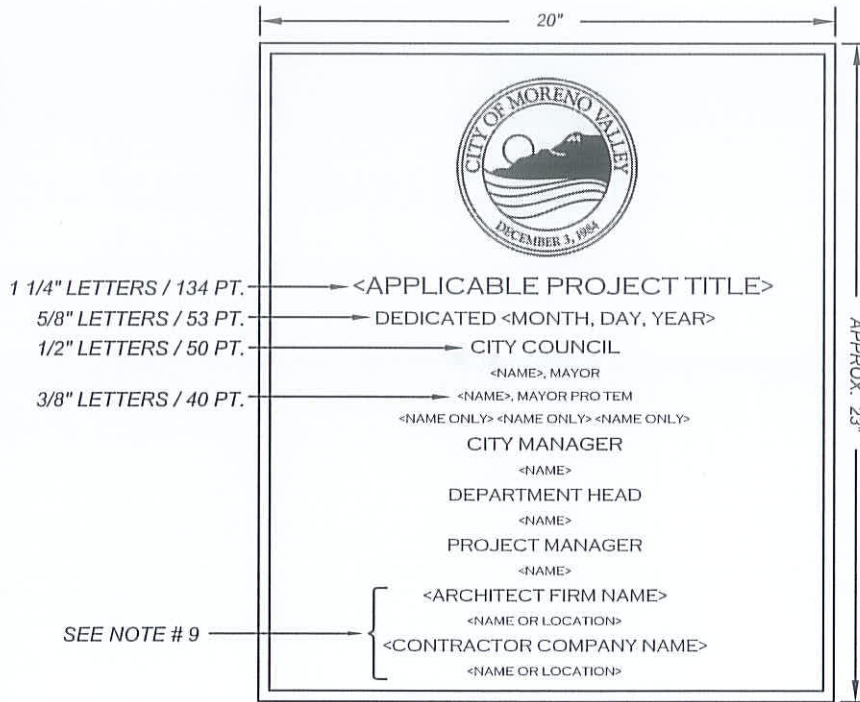
RECOMMENDED:

 DIVISION MANAGER
 DATE 1/20/14
 APPROVED:

 PUBLIC WORKS DIRECTOR /
 CITY ENGINEER
 DATE 1/29/14

CITY OF MORENO VALLEY

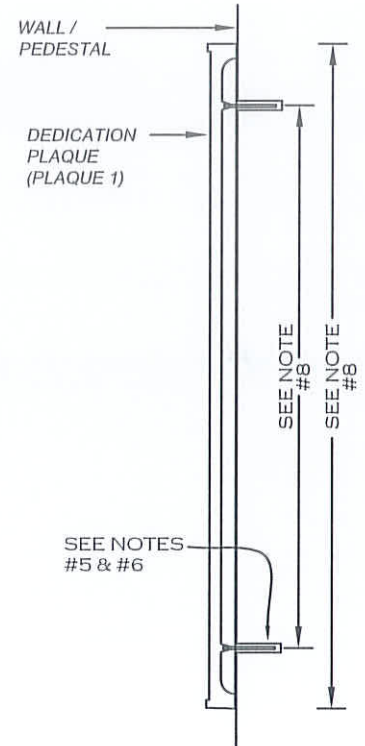
PARKS AND COMMUNITY SERVICES DEPARTMENT

**COMMERCIAL DRIVEWAY
APPROACH FOR PARKS**

STANDARD PLAN
MVGF-623K-0
 SHEET 11 OF 11



PLAQUE LAYOUT DETAIL






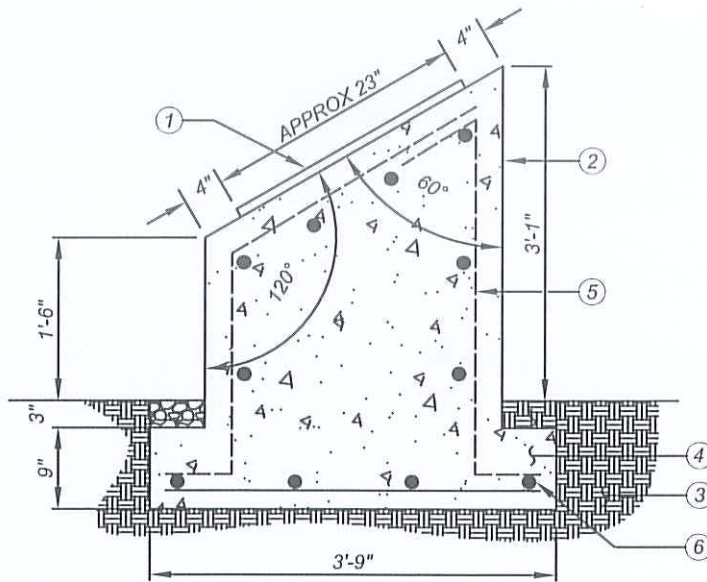
PLAQUE MOUNTING DETAIL

NOTES:

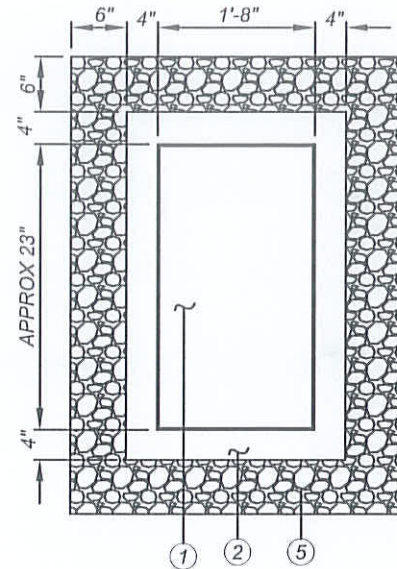
1. PLAQUE SHALL HAVE A SATIN FINISH WITH BROWN BACKGROUND AND LEATHERETTE TEXTURE AND PROTECTED WITH A CLEAR ACRYLIC COATING (THIS INCLUDES THE CITY SEAL).
2. THE TYPE/STYLES USED FOR THESE PLAQUES ARE TIMES BOLD AND COPPERPLATE.
3. THE LOCATION FOR THE PLAQUE TO BE DETERMINED BY APPLICABLE DEPARTMENT.
4. PLAQUE EXTENSION (BELOW MAIN PLAQUE) IS TO BE USED WHEN APPLICABLE.
5. MOUNTING STUDS MUST BE EMBEDDED A MINIMUM OF 1 1/2".
6. MOUNTING STUDS SET IN WALL / PEDESTAL WITH APPROVED EPOXY.
7. SEE STANDARD PLAN No MVGF-624A-0 FOR PLAQUE DIMENSIONS AND MAY BE MODIFIED ON A CASE BY CASE BASIS.
8. DIMENSIONS AS RECOMMENDED BY MANUFACTURER.
9. THE NAME OF THE ARCHITECT OR CONTRACTOR (OR BOTH) SHALL ONLY BE SHOWN ON THE PLAQUE IF THE ARCHITECT OR CONTRACTOR (OR BOTH) AGREES TO PAY FOR THE MATERIALS AND INSTALLATION COSTS OF THE PLAQUE.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE 1/21/14	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT		
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE 1/29/14	PARKS FACILITY DEDICATION PLAQUE		STANDARD PLAN MVGF-624A-0
	SHEET 1 OF 2			



SIDE ELEVATION



PLAN VIEW

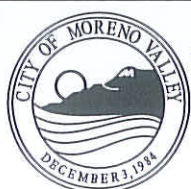
LEGEND:

- ① DEDICATION PLAQUE
- ② FINISH TYPICALLY TO BE COLORED CONCRETE
- ③ BASE MATERIAL & COMPACTED SUB-GRADE
- ④ STRUCTURAL FOOTING - 3'-9" x 3'-0"
- ⑤ No 4 @ 12" OC EA WAY, TYP
- ⑥ 4- No 4 EA WAY, TYP

NOTES:

1. ADJUST SURROUNDING IRRIGATION ACCORDINGLY, IF PLACED IN EXISTING LANDSCAPED AREA.
2. SEAL ALL CONCRETE WITH APPROPRIATE SEALER MATERIAL.
3. 1/8" RADIUS AT ALL CONCRETE EDGES/ CORNERS.

NOT TO SCALE



RECOMMENDED: *[Signature]* 1/21/14
DIVISION MANAGER DATE

APPROVED: *[Signature]* 1/29/14
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY

PARKS AND COMMUNITY SERVICES DEPARTMENT

**PARKS DEDICATION PLAQUE
PEDESTAL**

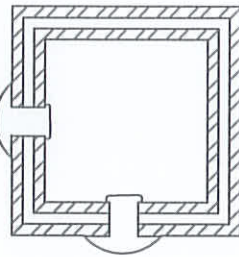
STANDARD PLAN

MVGF-624B-0

SHEET 2 OF 2

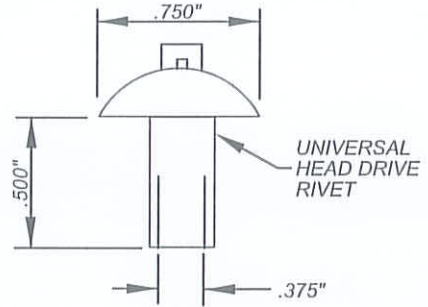
RIVET LOCATIONS
(SEE NOTE 6 ON
STD MVGF-625A-0)

DIRECTION OF
TRAFFIC FLOW



SECTION "A-A"

SIGN POST
2" SQUARE
(12 GAUGE)



RIVET
DETAIL

TYPICAL CONCRETE
INSTALLATION

SIGN POST
2" x 2" x 12"
(12 GAUGE)

2-1/4" x 2-1/4" x 30", ANCHOR
(12 GAUGE)

TYPICAL SECTION

ANCHOR 6"
ABOVE GRADE

6" MIN
SIGN POST

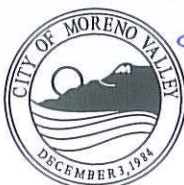
CONCRETE FOOTING 24" x 8" DIA

30" CONCRETE ANCHOR

NOTE:

IN TURF/PLANTERS, INSTALL INTO CONCRETE FOOTING.

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVER:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

CITY OF MORENO VALLEY

PARKS AND COMMUNITY SERVICES DEPARTMENT

**SIGN POST INSTALLATION
IN PARKS**

STANDARD PLAN


MVGF-625A-0

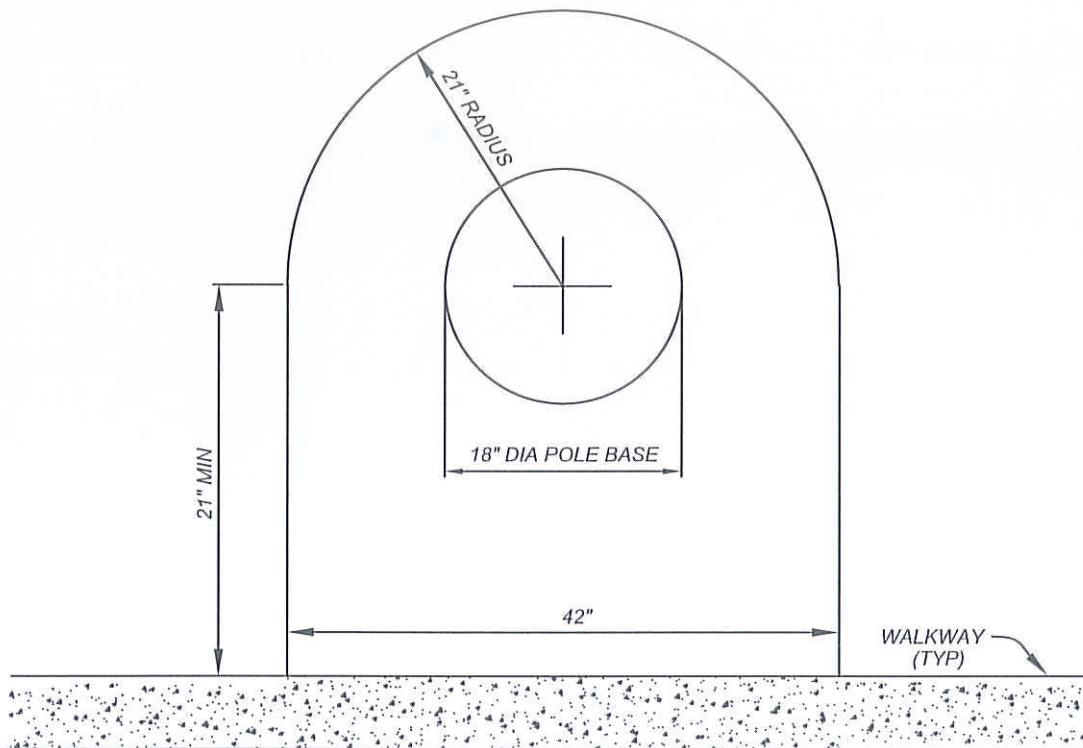
SHEET 1 OF 2

NOTES:

- 1.) SQUARE PERFORATED STEEL TUBE POSTS WITH TWO PIECE ANCHOR AND SLEEVE, "TELESPAR", SHALL BE USED FOR ALL PARK PROJECTS.
- 2.) THE NUMBER OF POSTS REQUIRED FOR SIGN INSTALLATION SHALL BE DETERMINED BY THE AREA OF THE SIGN OR COMBINATION OF SIGNS TO BE INSTALLED. A SINGLE POST SHALL BE USED WHERE BOTH THE LENGTH AND WIDTH ARE 48" OR LESS. DOUBLE POSTS SHALL BE USED WHERE EITHER THE LENGTH OR THE WIDTH EXCEEDS 48".
- 3.) THE 2 PIECE ANCHOR ASSEMBLY SHALL CONSIST OF A 2 1/4" SQUARE ANCHOR AND SHALL BE 12 GAUGE.
- 4.) THE ANCHOR ASSEMBLY SHALL BE DRIVEN SIMULTANEOUSLY UNTIL ONLY 6" REMAINS ABOVE GROUND LEVEL.
- 5.) ALL DEBRIS SHALL BE REMOVED FROM THE INSIDE TOP 12" MIN OF THE ANCHOR ASSEMBLY TO ALLOW FOR INSTALLATION OF THE SIGN POST.
- 6.) INSTALL THE 2" SQUARE SIGN POST MINIMUM 12" INTO THE ANCHOR ASSEMBLY AND SECURE IN PLACE WITH TWO 3/8" DRIVE RIVETS AS SHOWN. THE RIVETS SHALL BE INSTALLED ON THE SIDE FACING TRAFFIC FLOW.
- 7.) THE BOTTOM OF THE SIGN SHALL BE A MINIMUM OF 7 FEET ABOVE THE FINISHED SURFACE.
- 8.) SEE STANDARD MVGF-625A-0 FOR PLACEMENT OF SIGN POST. SIGN POST SHALL BE PLACED 24" MINIMUM FROM TRAFFIC OR PEDESTRIAN FLOW.
- 9.) ALL ANCHOR ASSEMBLIES SHALL BE PLACED IN A 2000PSI CONCRETE FOOTING, 24" DEEP x 8" DIAMETER.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE 1/20/14	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE 1/29/14	PARKS SIGN POST INSTALLATION NOTES	
	STANDARD PLAN MVGF-625B-0 SHEET 2 OF 2		






CONCRETE BASE SKIRT FOR LIGHT POLE

NOTES:

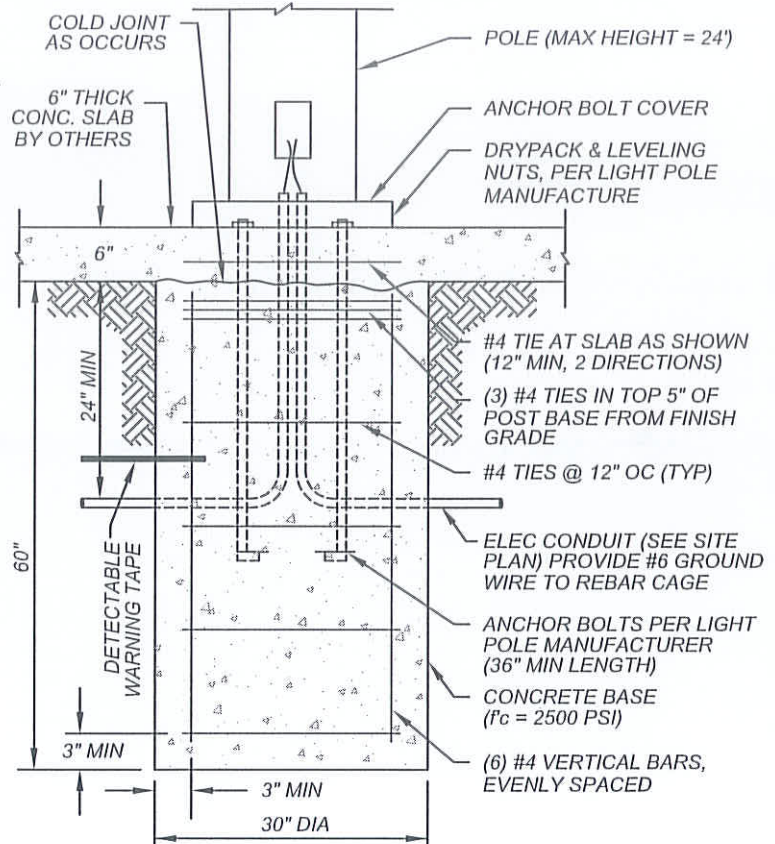
- 1.) ALL CONCRETE SHALL BE MINIMUM 560C-3250, MINIMUM 6" THICK.
- 2.) CONCRETE SHALL BE SAME COLOR AND FINISH OF ADJACENT WALK WAY UNLESS STATED OTHERWISE.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER	1/21/14 DATE	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER	1/29/14 DATE	CONCRETE LIGHT POLE BASE	
			STANDARD PLAN MVGF-626-0	
SHEET 1 OF 1				

GENERAL NOTES:

1. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE CALIFORNIA BUILDING CODE (CBC), LATEST EDITION. NOTE ALL REFERENCES ON PLANS TO SECTION AND TABLES REFER TO THE CBC, LATEST EDITION.
2. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER.
3. CONTRACTOR MUST CHECK DIMENSIONS, FRAMING CONDITIONS, AND SITE CONDITIONS BEFORE STARTING WORK. ARCHITECT AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
4. CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED AS SPECIFIED IN TYPICAL DETAILS FOR THE RESPECTIVE MATERIALS.
5. THE DRAWING AND SPECIFICATIONS REPRESENT THE FINISH STRUCTURE. ALL BRACING, TEMPORARY SUPPORTS, SHORING, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE ARCHITECT AND THE ENGINEER DO NOT INCLUDE INSPECTION OF CONSTRUCTION PROCEDURES. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORK SITE.
6. DESCRIBED BELOW OR INDICATED ON THE DRAWINGS MAY BE CONSIDERED FOR USE, PROVIDED PRIOR APPROVAL IS OBTAINED FROM THE OWNER, ARCHITECT, AND THE ENGINEER, AND ALL APPLICABLE GOVERNING CODE AUTHORITY.



NOTE: THIS STANDARD PLAN WAS REVIEWED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, PLANNING AND BUILDING AND SAFETY DIVISIONS. COPY OF THE STAMP APPROVED STANDARD IS ON FILE WITH THE CAPITAL PROJECTS DIVISION.

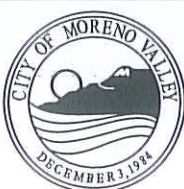
REINFORCING STEEL:

1. REINFORCING STEEL SHALL CONFORM TO ASTM 615, GRADE 40 FOR SIZE #3 AND #4, AND GRADE 60 FOR SIZES #5 AND LARGER.
2. ALL BENDING OF REINFORCING STEEL SHALL CONFORM TO THE LATEST EDITION OF THE CBC.
3. ALL REINFORCING BARS SHALL BE ACCURATELY AND SECURELY PLACED BEFORE POURING CONCRETE OR GROUTING MASONRY.

CONCRETE:

1. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE ON PLANS.
2. AGGREGATES SHALL BE NATURAL SAND AND ROCK CONFORMING TO ASTM C33.
3. CEMENT SHALL BE PORTLAND CEMENT CONFORMING TO ASTM C150, AS REQUIRED TO SATISFY SITE CONDITIONS AS DETERMINED BY THE PROJECT SOILS ENGINEER OR TYPE II CEMENT WITH MAXIMUM WATER/CEMENT RATIO = 0.65.
4. PIPES MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES, BUT SHALL NOT BE EMBEDDED THEREIN. PIPES OR DUCTS EXCEEDING ONE-THIRD THE SLAB OR WALL THICKNESS SHALL NOT BE PLACED IN THE STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED.
5. ALL CONVENTIONAL FOUNDATION ARE DESIGNED FOR AN EI OF LESS THAN OR EQUAL TO 20, UNLESS SPECIFICALLY NOTED OTHERWISE ON PLANS.
6. REFER TO ACI 318-05, TABLE 4.3.1 FOR REQUIREMENTS WHEN CONCRETE IS EXPOSED TO SULFATE CONTAINING SOLUTIONS.

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVED:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

DATE

CITY OF MORENO VALLEY

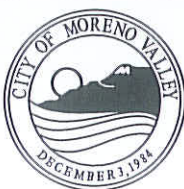
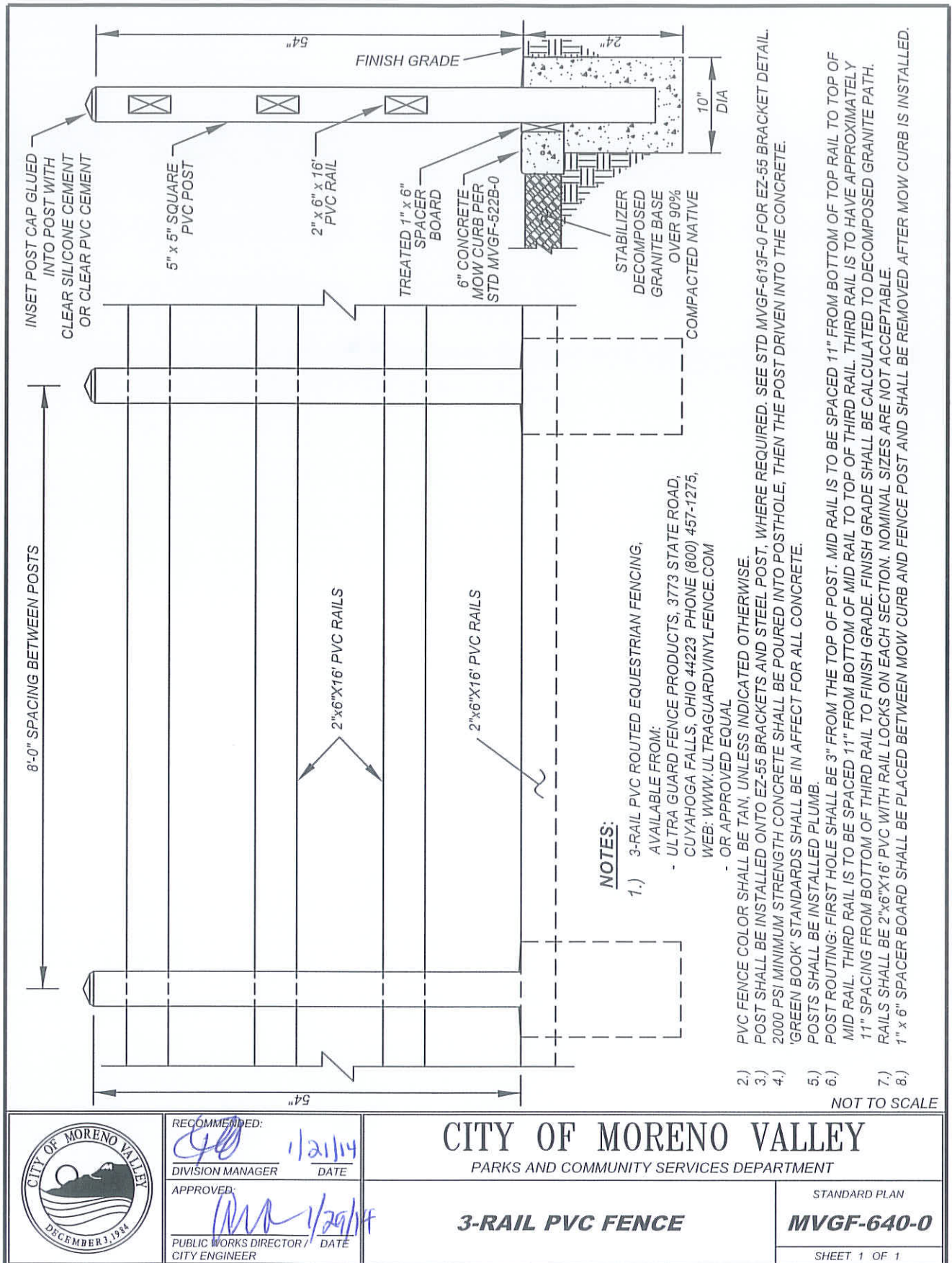
PARKS AND COMMUNITY SERVICES DEPARTMENT

**POLE BASE FIXTURE FOOTING
FOR PARKS**

STANDARD PLAN

MVGF-627A-0

SHEET 1 OF 2



RECOMMENDED:

APPROVED:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

DATE

DATE

CITY OF MORENO VALLEY

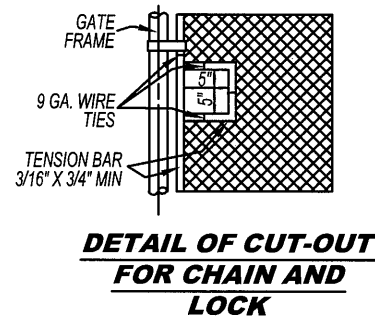
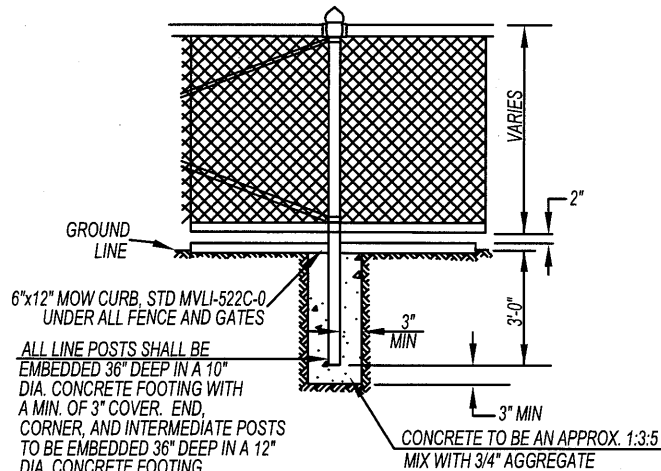
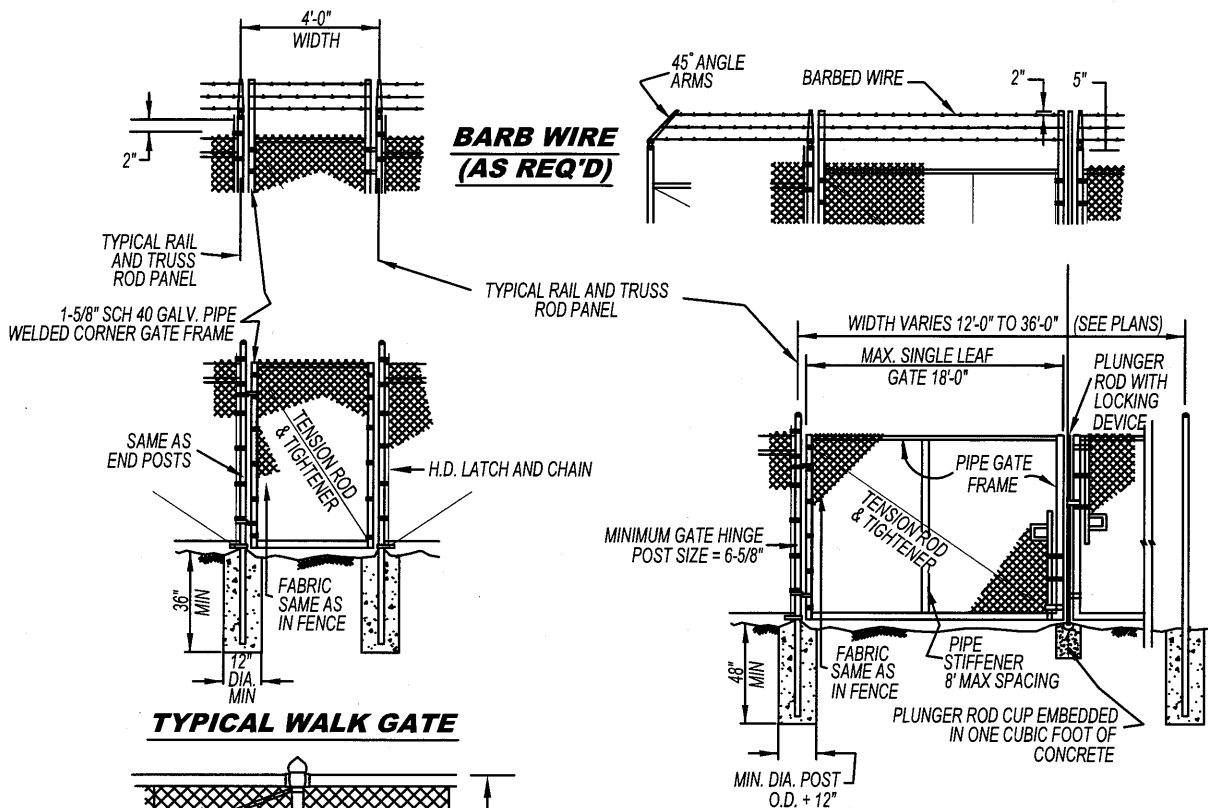
PARKS AND COMMUNITY SERVICES DEPARTMENT

3-RAIL PVC FENCE

STANDARD PLAN

MVGF-640-0

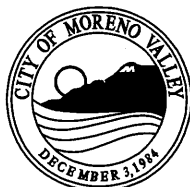
SHEET 1 OF 1



NOTES:

- 1.) SECURE DRIVE FIT GALVANIZED CAP TO POST WITH $\frac{1}{4}$ " ROUND HEAD RIVET.
- 2.) TYPICAL HEIGHT IS 6'-0" UNLESS OTHERWISE SPECIFIED. MID RAILS ARE REQUIRED ON FENCE OVER 6'.
- 3.) 6' CHAIN LINK FENCE TO HAVE TOP AND BOTTOM RAIL. RAILS AT INTERMEDIATE, END, AND ANY CHANGE OF DIRECTION.
- 4.) TYPICAL FABRIC IS 2", 9 GA. GAW, WITH KNUCKLED (KK) SELVAGED ENDS. 3 GA. COLOR VINYL OVER FABRIC AS SPECIFIED.
- 5.) ALL DATA SHOWN ON TYPICAL DETAILS SHALL BE APPLICABLE TO OTHER PERTINENT DETAILS AND PARK SPECIFICATIONS.
- 6.) THE GALVANIZING OF THE FENCE FABRIC SHALL PRODUCE A ZINC COATING WEIGHING NOT LESS THAN 1.2 OZ. PER SQ. FT.
- 7.) POSTS AND RAILS TO BE SCH 40 OR SS 40 (UNLESS OTHERWISE SPECIFIED).
- 8.) VINYL COATED FENCING REQUIRES VINYL COATED POSTS AND FITTINGS OVER GALVANIZED COATING
- 9.) MINIMUM LINE POST SIZE IS 2-3/8". MINIMUM TERMINAL POST SIZE IS 2-7/8".

NOT TO SCALE



RECOMMENDED: *3/5/18*
 DIVISION MANAGER DATE
 APPROVED: *M. Lopez* 4/10/18
 PUBLIC WORKS DIRECTOR / DATE
 CITY ENGINEER

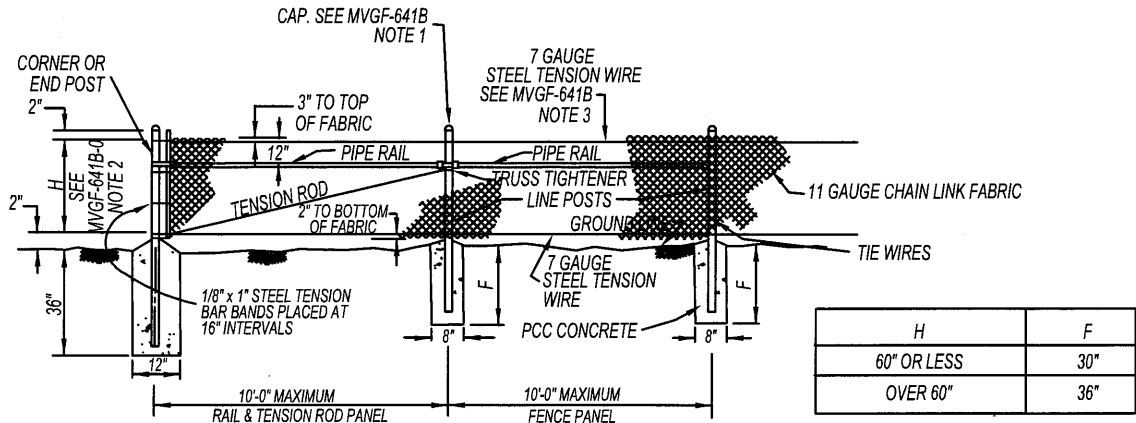
CITY OF MORENO VALLEY

PARKS AND COMMUNITY SERVICES DEPARTMENT

PARK PROJECTS CHAIN LINK FENCE AND GATES

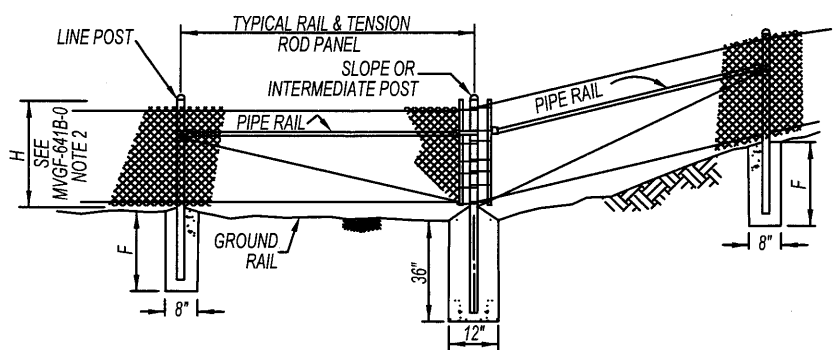
STANDARD PLAN
MVGF-641-0

SHEET 1 OF 1

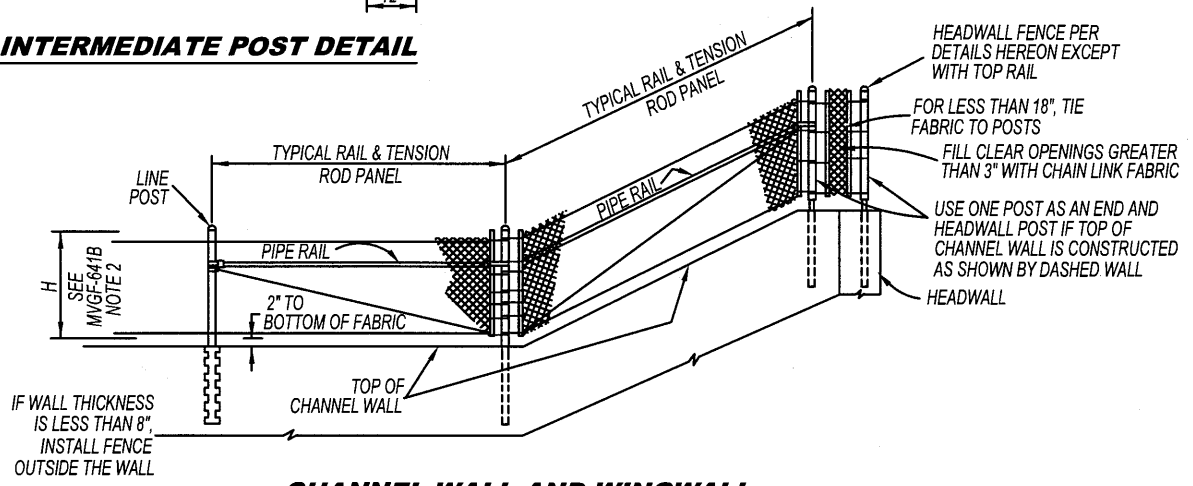


H	F
60" OR LESS	30"
OVER 60"	36"

**TYPICAL FENCE
ELEVATION**

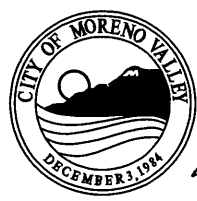


INTERMEDIATE POST DETAIL



**CHANNEL WALL AND WINGWALL
DETAIL AT HEADWALL**

NOT TO SCALE

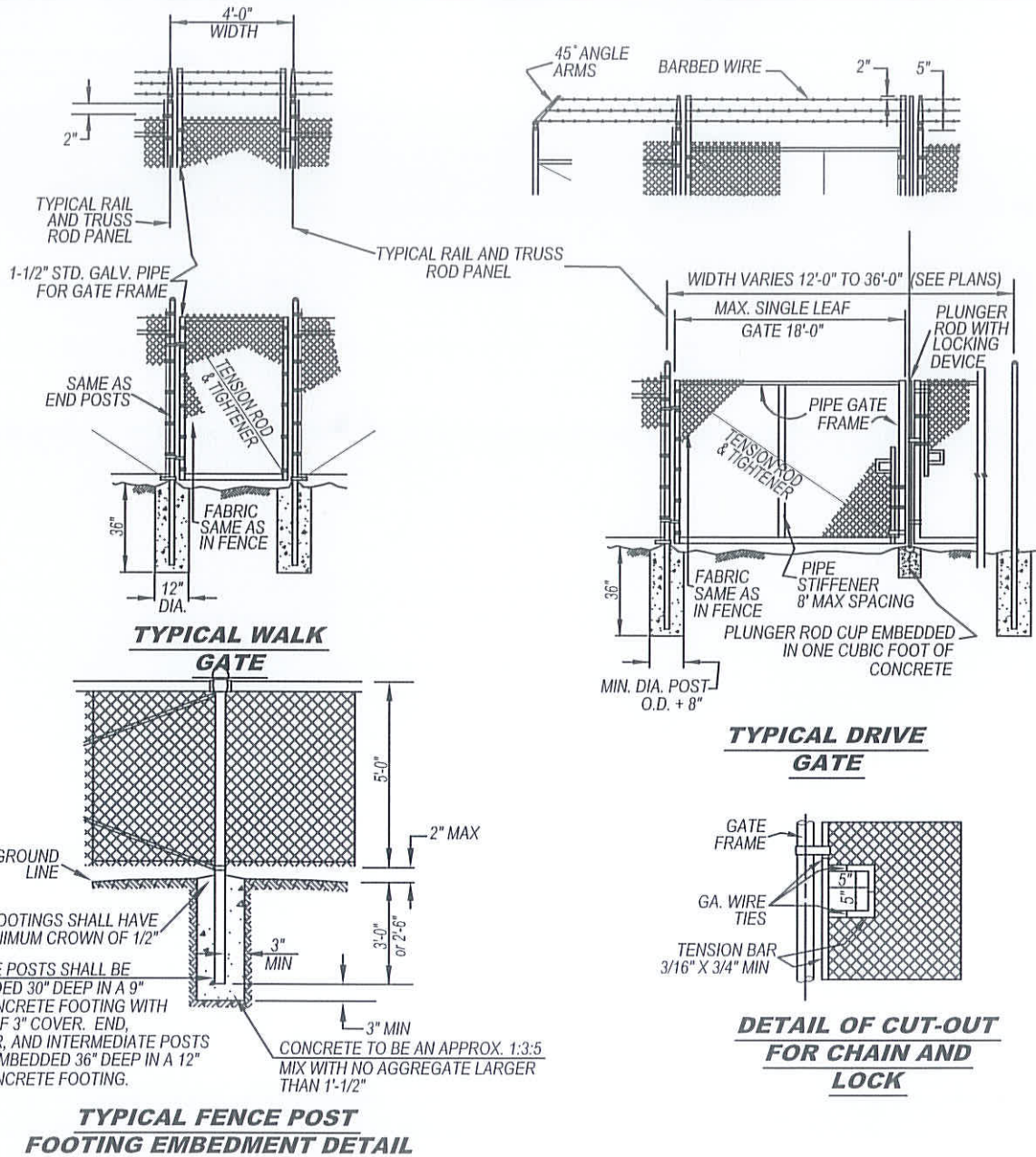


RECOMMENDED: *[Signature]* 12/21/16
DIVISION MANAGER DATE
APPROVED: *[Signature]* 1/20/17
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY
PARKS AND COMMUNITY SERVICES DEPARTMENT

**FENCE AND GATES FOR
WALL AND CHANNEL**


STANDARD PLAN
MVGF-641A-0
SHEET 1 OF 3

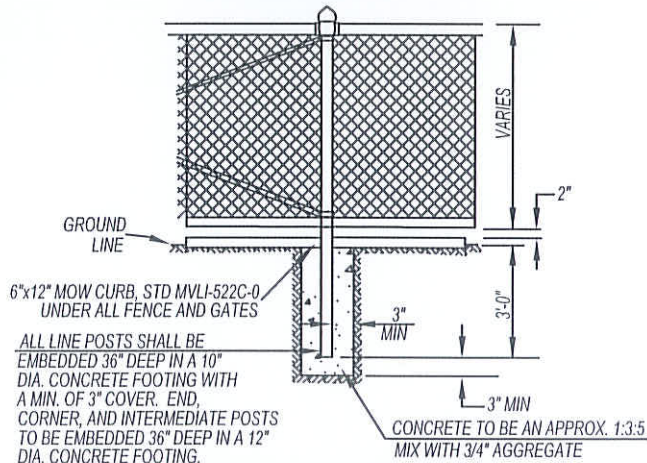
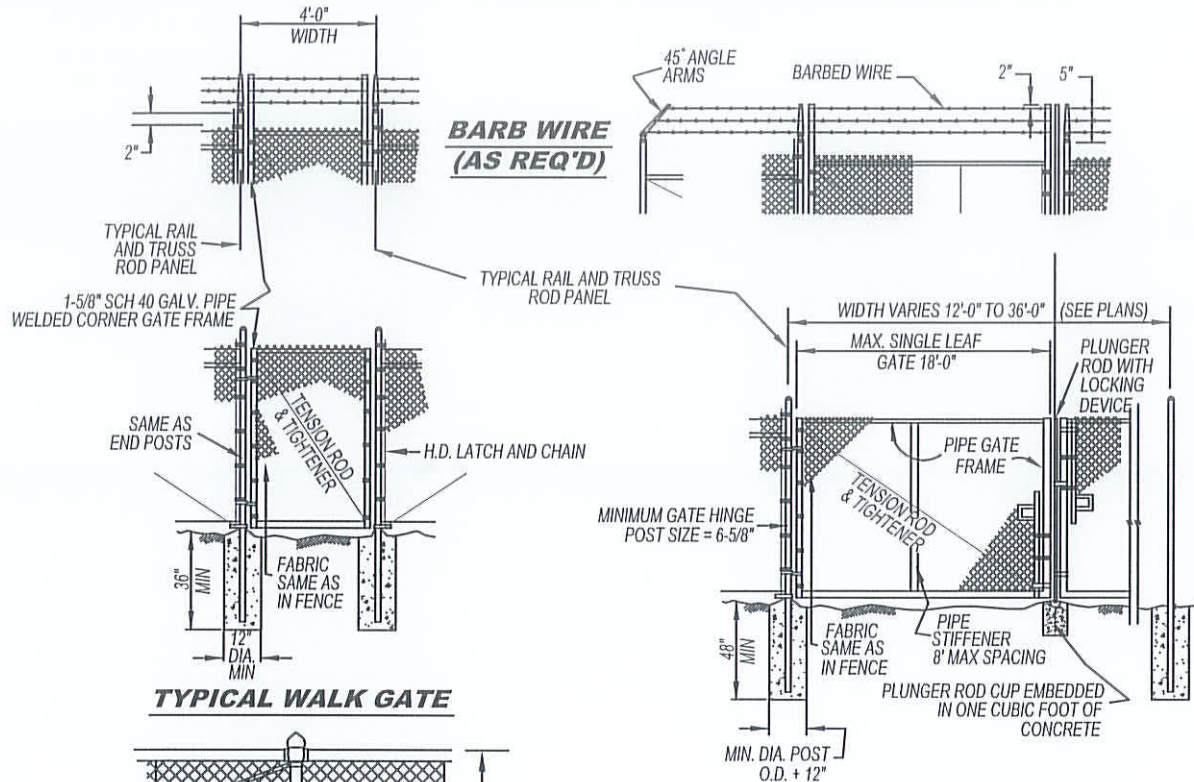


NOTES:

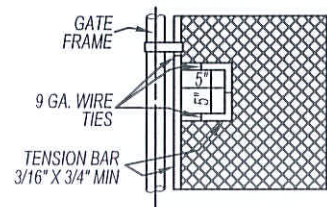
- 1.) SECURE DRIVE FIT GALVANIZED CAP TO POST WITH 1/4" ROUND HEAD RIVET.
- 2.) H DENOTES FABRIC WIDTH AND NORMAL FENCE HEIGHT. H SHALL BE 5'-0" UNLESS OTHERWISE SPECIFIED.
- 3.) IF CHAIN LINK FENCE WITH TOP RAIL IS SPECIFIED. DELETE STEEL TENSION WIRE AT THE TOP AND THE PIPE RAILS AT THE INTERMEDIATE, END AND CORNER POSTS. EXTEND TENSION ROD TO THE TOP RAIL.
- 4.) BARBED WIRE SHALL BE USED ONLY WHEN SPECIFIED.
- 5.) ALL DATA SHOWN ON TYPICAL DETAILS SHALL BE APPLICABLE TO OTHER PERTINENT DETAILS.
- 6.) THE GALVANIZING OF THE FENCE FABRIC SHALL PRODUCE A ZINC COATING WEIGHING NOT LESS THAN 1.2 OZ. PER SQ. FT..

NOT TO SCALE

	RECOMMENDED:	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT HIGHWAY CHAIN LINK FENCE AND GATES	STANDARD PLAN	
	DIVISION MANAGER		DATE	MVGF-641B-0
	APPROVED:		DATE	SHEET 2 OF 3
	PUBLIC WORKS DIRECTOR / CITY ENGINEER			



TYPICAL DRIVE GATE



NOTES:

- 1.) SECURE DRIVE FIT GALVANIZED CAP TO POST WITH $\frac{1}{4}$ " ROUND HEAD RIVET.
- 2.) TYPICAL HEIGHT IS 6'-0" UNLESS OTHERWISE SPECIFIED. MID RAILS ARE REQUIRED ON FENCE OVER 6'.
- 3.) 6' CHAIN LINK FENCE TO HAVE TOP AND BOTTOM RAIL. RAILS AT INTERMEDIATE, END, AND ANY CHANGE OF DIRECTION.
- 4.) TYPICAL FABRIC IS 2", 9 GA. GAW, WITH KNUCKLED (KK) SELVAGED ENDS. 3 GA. COLOR VINYL OVER FABRIC AS SPECIFIED.
- 5.) ALL DATA SHOWN ON TYPICAL DETAILS SHALL BE APPLICABLE TO OTHER PERTINENT DETAILS AND PARK SPECIFICATIONS.
- 6.) THE GALVANIZING OF THE FENCE FABRIC SHALL PRODUCE A ZINC COATING WEIGHING NOT LESS THAN 1.2 OZ. PER SQ. FT.
- 7.) POSTS AND RAILS TO BE SCH 40 OR SS 40 (UNLESS OTHERWISE SPECIFIED).
- 8.) VINYL COATED FENCING REQUIRES VINYL COATED POSTS AND FITTINGS OVER GALVANIZED COATING
- 9.) MINIMUM LINE POST SIZE IS 2-3/8". MINIMUM TERMINAL POST SIZE IS 2-7/8".

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

APPROVED:

PUBLIC WORKS DIRECTOR
CITY ENGINEER

DATE

DATE

CITY OF MORENO VALLEY

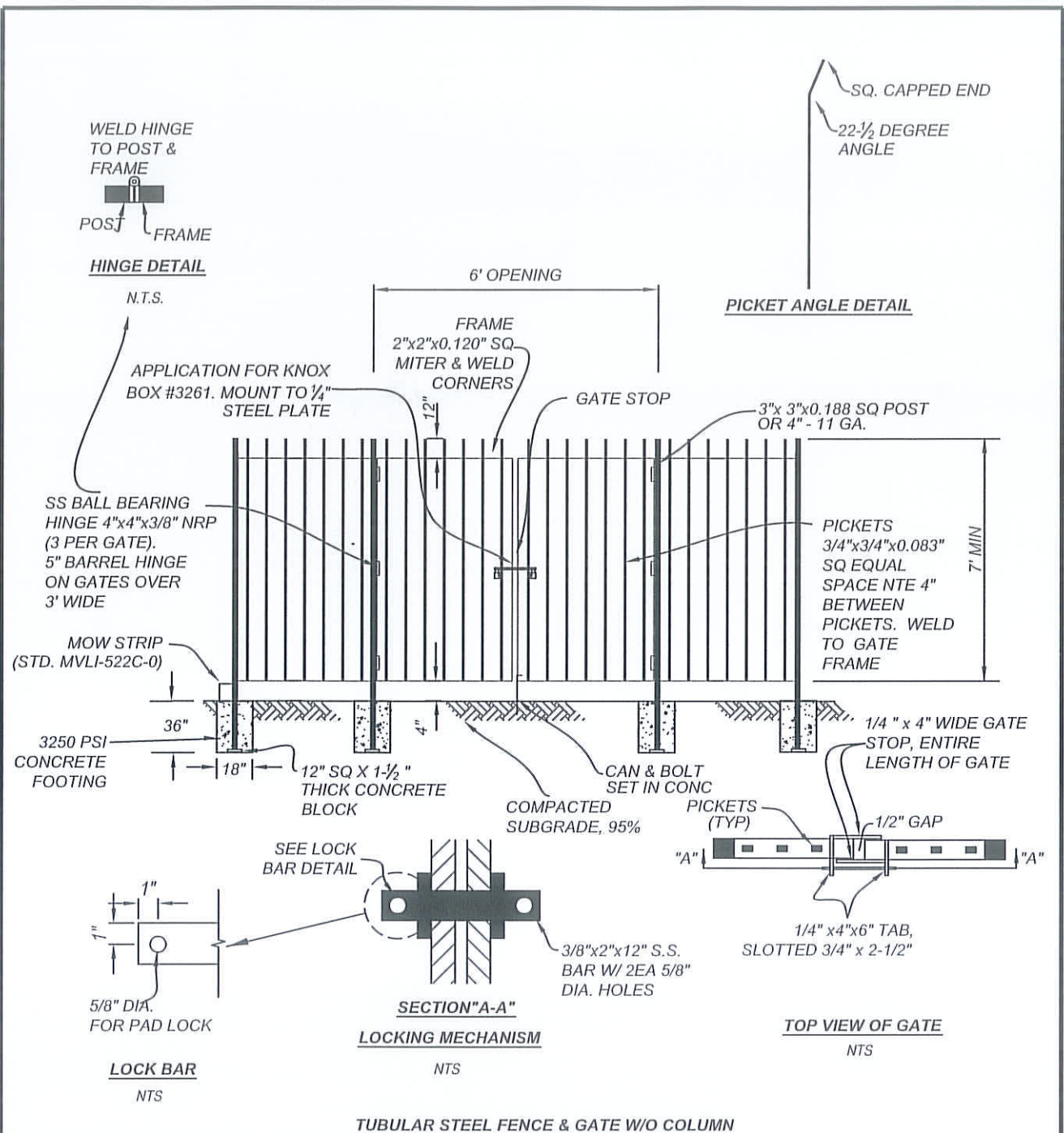
PARKS AND COMMUNITY SERVICES DEPARTMENT

**PARK PROJECTS
CHAIN LINK FENCE
AND GATES**

STANDARD PLAN

MVGF-641C-0




SHEET 3 OF 3

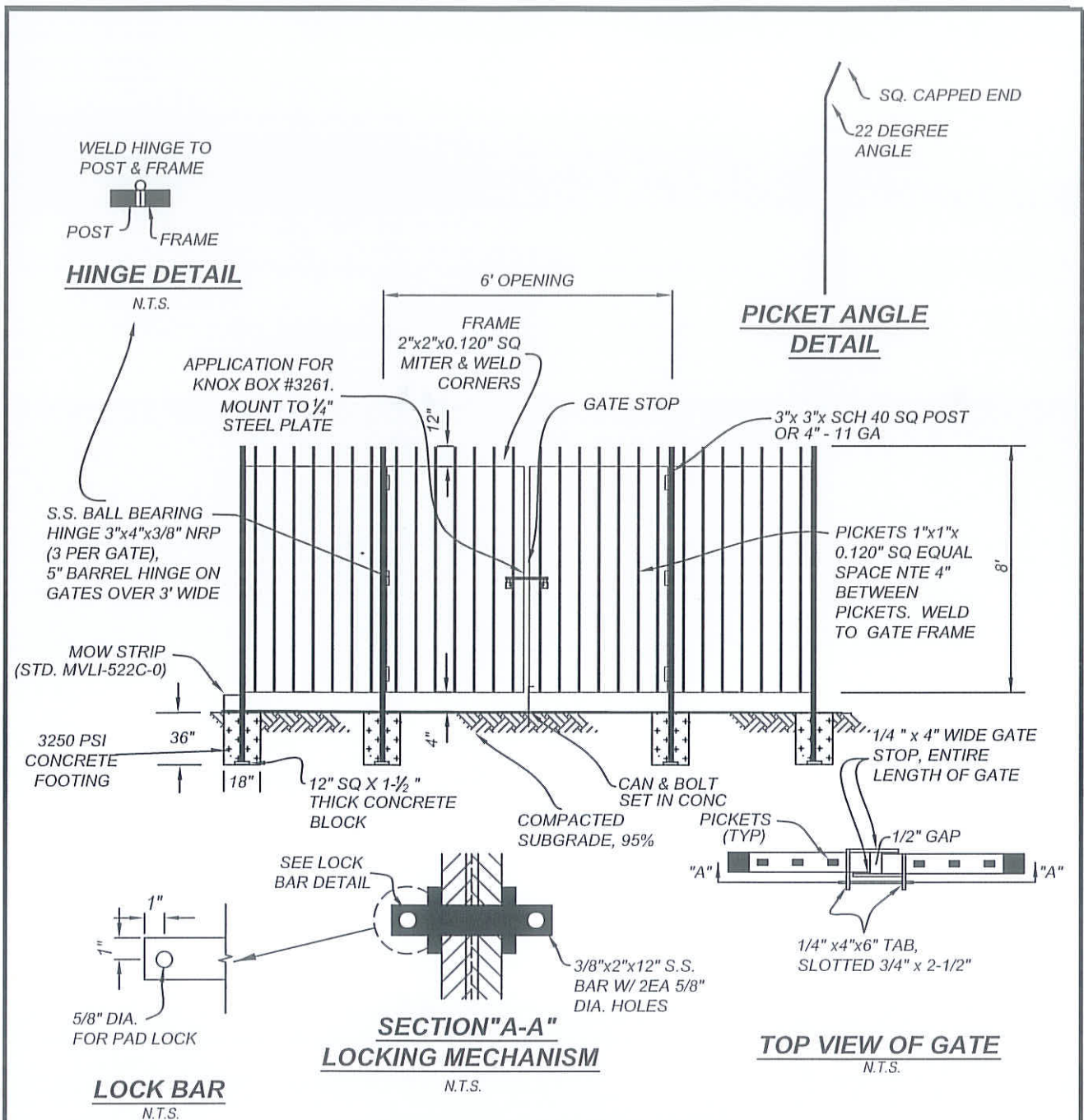


NOTES:

- 1.) ALL METAL IS TO BE STEEL AS INDICATED AND HOT DIPPED GALVANIZED.
- 2.) FINISH SHALL BE VITROCEM FOR METAL. COLOR PER SPECIFICATION.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE 11/21/14	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE 1/29/14		
	STEEL FENCE & GATE		SHEET 1 OF 2



<p>CITY OF MORENO VALLEY DECEMBER 3, 1984</p>		<p>RECOMMENDED: <i>[Signature]</i> 1/21/14 DIVISION MANAGER DATE</p>		<p>CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT</p>	
<p>APPROVED: <i>[Signature]</i> 1/29/14 PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER</p>		<p>STEEL FENCE & GATE FOR CELL SITES</p>		<p>STANDARD PLAN MVGF-643B-0</p>	
				<p>SHEET 2 OF 2</p>	

APPLICATION FOR KNOX BOX
#3261. MOUNT TO $\frac{1}{4}$ " STEEL
PLATE $\frac{3}{4}$ " - HEIGHT OF GATES

SS BALL BEARING
HINGE 4"x4"x3/8" NRP
(3 PER GATE)

FOOTINGS PER
ENGINEERS
DESIGN

2" OR HEIGHT CAN BE
INCREASED TO 4" IF A MOW
STRIP IS USED

6" DRIVEWAY
MIN

(2) CAN & BOLT SET IN
CONC TO LOCK
BOTTOM OF GATE

GATE POST WILL FASTEN TO BLOCK
COLUMN VIA THIS DETAIL

FRAME
2"x2"x0.120" SQ
MITER & WELD
CORNERS

PICKETS
3/4"x3/4"x0.083" SQ
EQUAL SPACE NTE
4" BETWEEN
PICKETS. WELD TO
GATE FRAME

SQ CAPPED END
22-1/2 DEGREE
ANGLE

1"
1"
5/8" DIA
FOR PAD LOCK

SEE LOCK
BAR DETAIL

3/8"x6" SS FLAT BAR
FASTENED BY 3/8" SS
REDHEADS.
TACK WELD SS NUT
CONTINUOUS WELD
POST TO BAR

3/8"x2"x12" SS
BAR W/ 2 EA 5/8"
DIA HOLES

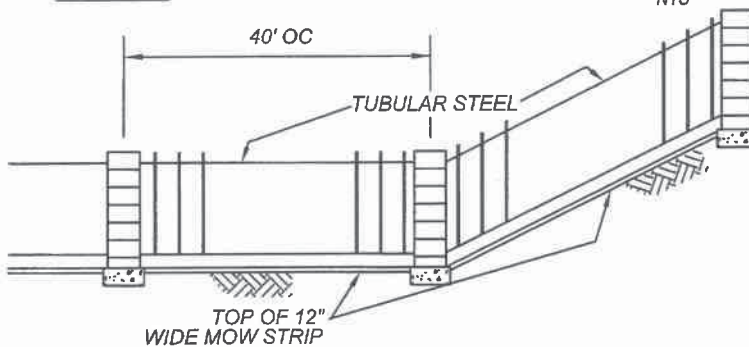
SPACE
REDHEADS 12"
OC

**GATE POST
EMBEDDED DETAIL**
NTS

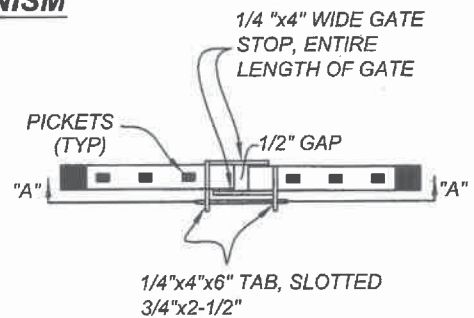
**PICKET ANGLE
DETAIL**

LOCK BAR
NTS

**SECTION "A-A"
LOCKING MECHANISM**
NTS



ALTERNATE PLAN VIEW
NTS



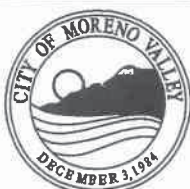
TOP VIEW OF GATE
NTS

WELD HINGE TO
POST & FRAME
POST FRAME

HINGE DETAIL
NTS NOT TO SCALE

NOTES:

- 1.) ALL METAL IS TO BE STEEL AS INDICATED AND HOT DIPPED GALVANIZED.
- 2.) FINISH SHALL BE EPOXY PRIMER POLYURETHANE PAINT. COLOR PER SPECIFICATION.
- 3.) MOW STRIPE SHALL BE A MINIMUM 6" WIDE BY 6" THICK WITH ONE #4 REBAR.



RECOMMENDED:

DIVISION MANAGER

APPROVED:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

DATE

DATE

CITY OF MORENO VALLEY

PARKS AND COMMUNITY SERVICES DEPARTMENT

**MODIFIED EXTENDED
DETENTION BASIN FENCE
AND GATE DETAIL GUIDE**

STANDARD PLAN

MVGF-644-0

SHEET 1 OF 1

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE (CBC) AS ADOPTED BY THE CITY OF MORENO VALLEY.
2. THE CONCRETE BLOCK SHALL BE DECORATIVE AND REQUIRE APPROVAL FROM THE PLANNING DIVISION.
3. CONCRETE BLOCK MASONRY SHALL COMPLY WITH THE FOLLOWING:
 - A. CONCRETE MASONRY SHALL CONFORM TO ASTM C-90, GRADE - N.
 - B. MORTAR: TYPE M OR TYPE S.
 - C. GROUT ALL CELLS W/2000 PSI CONCRETE.
4. THE ULTIMATE COMPRESSIVE STRENGTH REQUIRED FOR FOUNDATION CONCRETE SHALL BE OF 2000 PSI.
5. ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE ASTM A615 - 40.
6. INSTALL A RETAINING WALL DRAINAGE SYSTEM AS FOLLOWS
FOR WALLS OVER 4'-0" HIGH
PROVIDE 1 CF/FT OF CLEAN COURSE GRAVEL WITH
4" DIA PERFORATED PVC. PIPE W/1% GRADIENT TO DRAIN OR
OMIT HEAD JOINTS IN FIRST COURSE.
7. INSPECTION SHALL BE OF THE FOLLOWING STEPS:
 - 1ST. FOUNDATION TRENCH WITH SECURED REINFORCING STEEL.
 - 2ND. BLOCK WALL WITH REINFORCING STEEL BEFORE GROUT.
 - 3RD. GROUTED WALL AND DRAINAGE SYSTEM.
(NO BACK FILL IS ALLOWED) BEFORE DRAIN SYSTEM INSPECTION.
 - 4TH. BACK FILL AND FINAL.
8. SITE PLAN SHALL BE SUBMITTED FOR REVIEW BEFORE THE WALL PERMIT CAN BE ISSUED. THE HEIGHT OF PROPOSED WALL SHALL BE DETERMINED ON THE SITE PLAN.
9. WALLS SHALL NOT OBSTRUCT OR CONCENTRATE DRAINAGE.
10. ALL FOOTINGS SHALL BE A MINIMUM 5' TO A DAYLIGHT SLOPE.
11. WALLS WITH FENCES OR OTHER NEARBY SURCHARGES REQUIRE SPECIAL ANALYSIS USE ORCO WALL SYSTEM ICBO ER 5020 AS AN OPTION.
12. WALLS OVER 6' HIGH REQUIRE SPECIAL DESIGN AND APPROVAL.
13. WALLS ARE DESIGNED WITH 6" SOIL OVER TOE.
14. ALL WALL CONSTRUCTION SHALL BE PER BUILDING AND SAFETY PERMIT.

WALL CONSTRUCTION NOTES

1. ALL FOOTINGS TO BE PLACED AGAINST UNDISTURBED SOIL
SOIL BEARING VALUE BASED ON 1000 PSF.
2. ALL REINFORCING STEEL SHALL BE GRADE 40 WITH A
MINIMUM OF 24" LAP.
3. ALL REINFORCING STEEL SHALL MAINTAIN 3" CLEAR TO EARTH.
4. MAXIMUM CONTROL JOINTS SHALL BE AT 20' INTERVALS.

NOT TO SCALE



RECOMMENDED:

[Signature]

1-17

DIVISION MANAGER

DATE

APPROVED:

[Signature]

1/20/17

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

CITY OF MORENO VALLEY

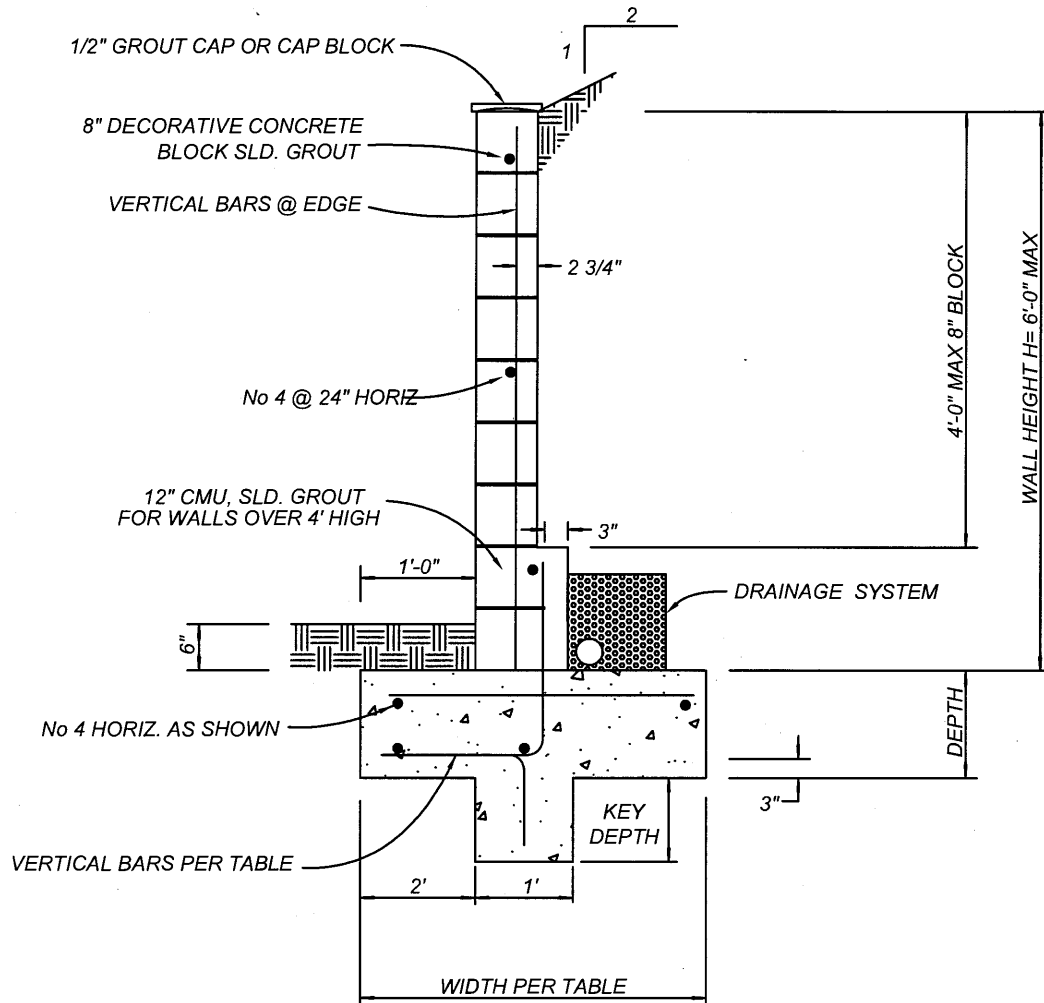
FINANCIAL & MANAGEMENT SERVICES DEPARTMENT - ELECTRIC UTILITY DIVISION

**RETAINING WALL NOTES
FOR ELECTRICAL FACILITIES**

STANDARD PLAN

MVGF-650A-0

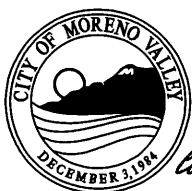
SHEET 1 OF 2



WALL WITH 2:1 BACKFILL SLOPE				
WALL HEIGHT	FOOTING WIDTH	VERTICAL BARS	FOOTING DEPTH	KEY WIDTH/DEPTH
3'-0"	1'-10"	No 4 @ 32" OC	12"	6" x 6"
4'-0"	2'-9"	No 4 @ 32" OC	12"	12" x 12"
4'-8"	3'-3"	No 4 @ 24" OC	14"	12" x 14"
6'-0"	4'-6"	No 4 @ 24" OC	14"	12" x 22"

WALL WITH LEVEL BACKFILL				
WALL HEIGHT	FOOTING WIDTH	VERTICAL BARS	FOOTING DEPTH	KEY WIDTH/DEPTH
3'-0"	1'-9"	No 4 @ 32" OC	12"	6" x 6"
4'-0"	2'-9"	No 4 @ 32" OC	12"	6" x 8"
4'-8"	3'-0"	No 4 @ 24" OC	14"	12" x 12"
6'-0"	3'-9"	No 4 @ 24" OC	14"	12" x 20"

NOT TO SCALE



RECOMMENDED:

[Signature]
DIVISION MANAGER

1.9.17
DATE

APPROVED:

[Signature]
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY

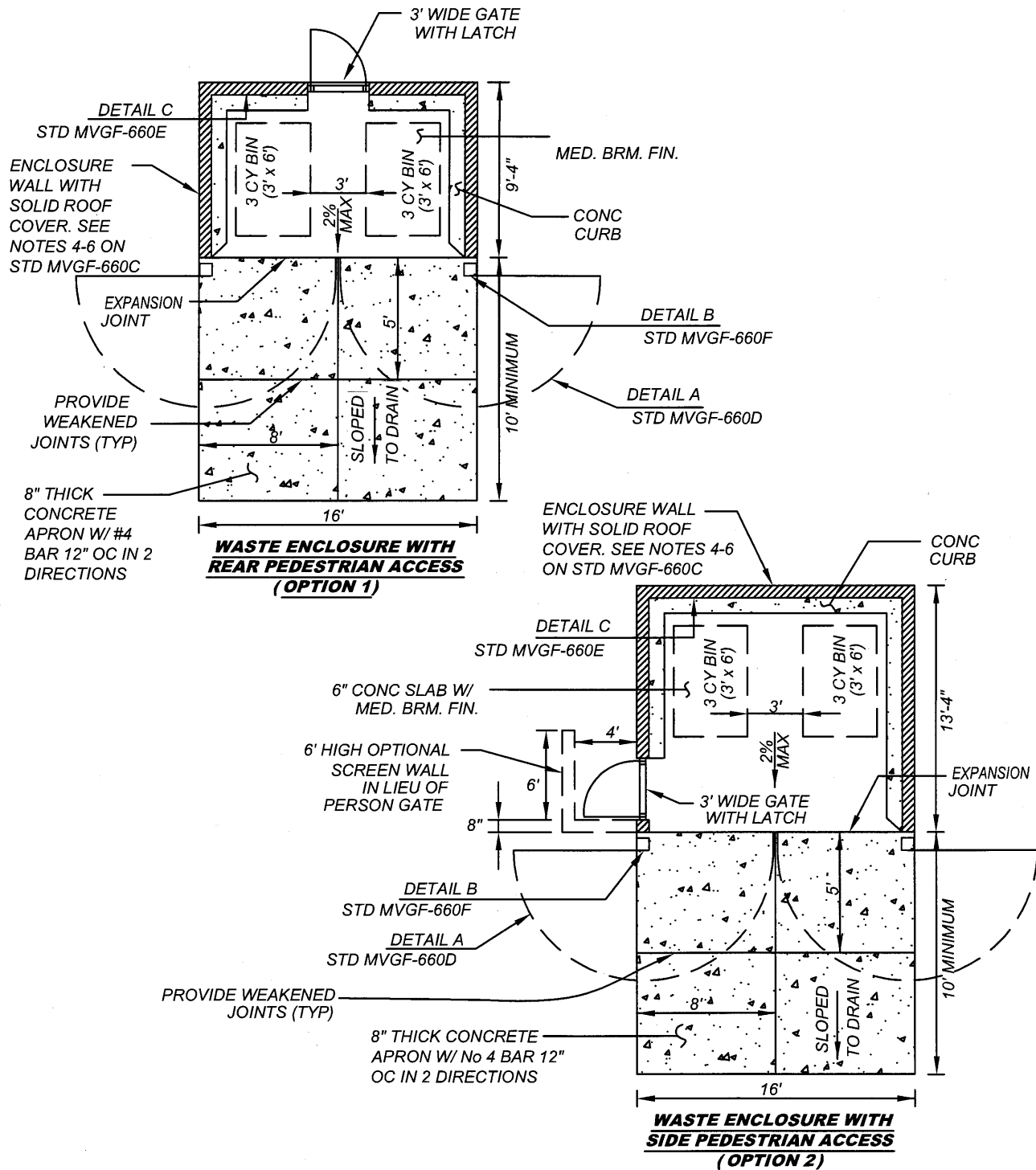
FINANCIAL & MANAGEMENT SERVICES DEPARTMENT - ELECTRIC UTILITY DIVISION

RETAINING WALL SECTIONS FOR ELECTRICAL FACILITIES

STANDARD PLAN

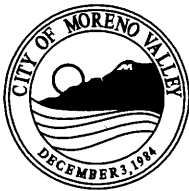
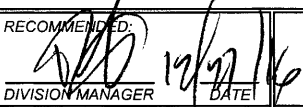

MVGF-650B-0

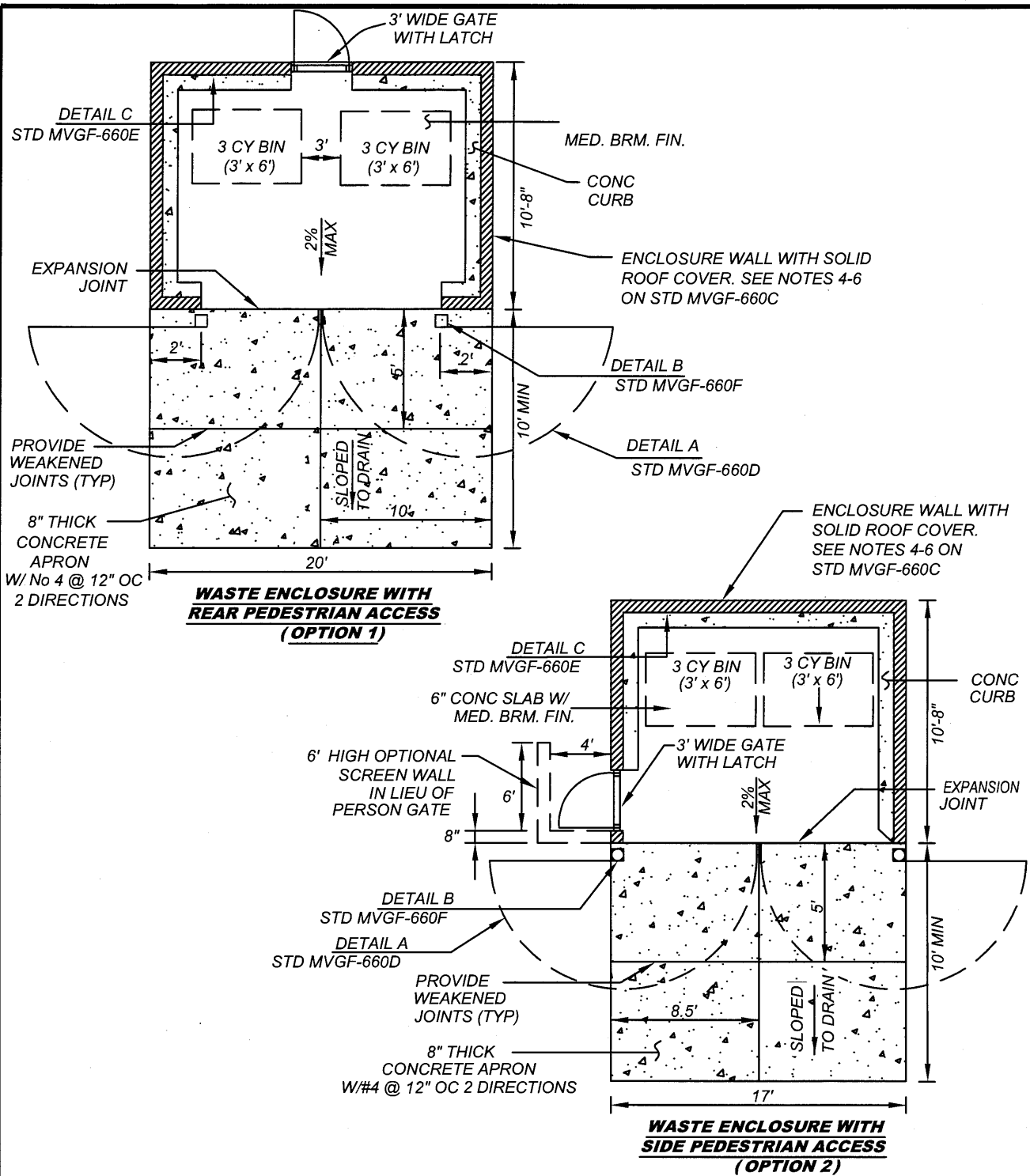
SHEET 2 OF 2



FOR MORENO VALLEY PARKS ONLY




NOT TO SCALE

	RECOMMENDED:  12/27/16 DIVISION MANAGER DATE	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT		STANDARD PLAN MVGF-660A-1
	APPROVED:  1/20/17 PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER			DUAL BIN COVERED WASTE ENCLOSURE FOR PARKS CASE A



FOR MORENO VALLEY PARKS ONLY

NOT TO SCALE




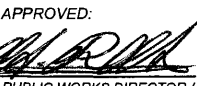
	RECOMMENDED:  DIVISION MANAGER	12/11/17 DATE	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT DUAL BIN COVERED WASTE ENCLOSURE FOR PARKS CASE B	STANDARD PLAN MVGF-660B-1
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER	1/20/17 DATE		SHEET 2 OF 6

NOTES

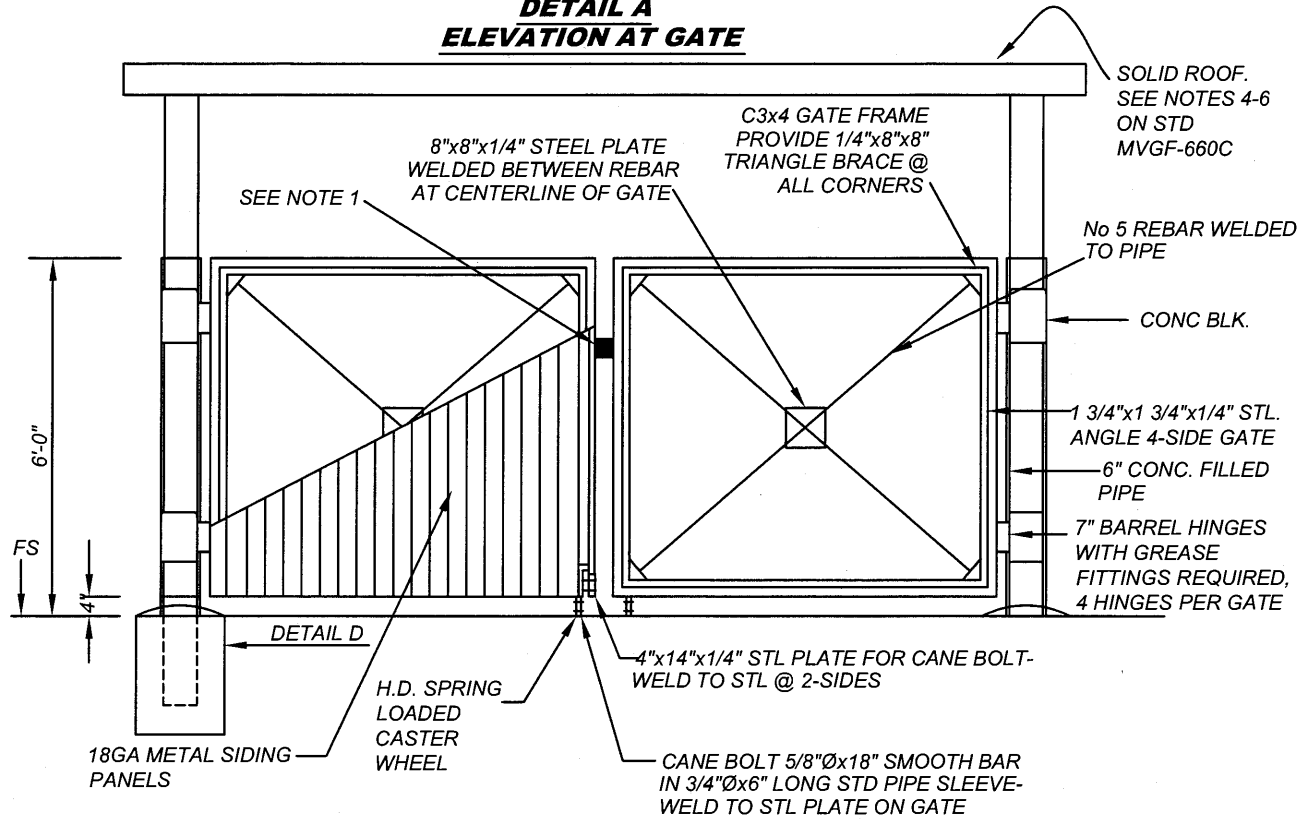
1. THIS STANDARD IS FOR WASTE ENCLOSURES FOR USE IN MORENO VALLEY PARKS ONLY.
2. LOCATION OF THE WASTE ENCLOSURE SHOULD BE APPROVED BY PARKS AND COMMUNITY SERVICES DIVISION.
3. PROVIDE A MINIMUM OF 3' ON 3 SIDES OF THE ENCLOSURE WALLS TO ACCOMMODATE CLIMBING VINES AND SCREENING SHRUBS.
4. CONCRETE SHALL BE CLASS 560-C-3250.
5. ENCLOSURE SHALL HAVE A FULLY COVERED SOLID ROOF. HEIGHT, ARCHITECTURAL STYLE, ETC. WILL BE AT THE DISCRETION OF THE DEVELOPER, AS APPROVED BY PARKS AND COMMUNITY SERVICES DIVISION.
6. THE ENCLOSURE ROOF SHALL SLOPE TOWARD A LANDSCAPED AREA, WHERE POSSIBLE.
7. ENCLOSURE ROOF SHALL SLOPE AT 1% MINIMUM.
8. ONE BIN SHALL BE FOR REGULAR TRASH AND ONE BIN SHALL BE FOR RECYCLABLES.
9. THIS STANDARD DOES NOT CONSTITUTE CONSTRUCTION DRAWINGS. A SEPARATE ENGINEERED SUBMITTAL TO THE CITY'S BUILDING AND SAFETY DIVISION IS REQUIRED.

FOR MORENO VALLEY PARKS ONLY

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER	DATE  1/20/17	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT DUAL BIN COVERED WASTE ENCLOSURE FOR PARKS NOTES	STANDARD PLAN MVGF-660C-1
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER	DATE 1/20/17		SHEET 3 OF 6

DETAIL A ELEVATION AT GATE



6" SQ STEEL SCH 40 GALVANIZED PIPE FILL IN CONC ROUND AND TROWEL EXPOSED CONC

1/2" PREMOLDED JOINT FILLER W/SEALANT

6" CONC SLAB

18" CONC FOOTING FOR PIPE BOLLARD

10" x 10" PAVING STONE

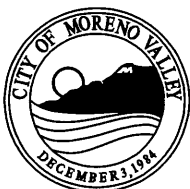
DETAIL D PIPE FOOTING

NOTES:

- 1.) PROVIDE GATE LATCH. 3/8" Ø PAD LOCKABLE SS TYPE 304, FLUSH MOUNT GATE LATCH (BOLT TO FRAME WITH VANDAL PROOF NUTS & BOLTS).
- 2.) CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR GATE ASSEMBLY.
- 3.) PAINT ALL STEEL, COLOR TO MATCH BLDG 1 COAT EPOXY PRIMER, 2 COATS POLYURETHANE PAINT.
- 4.) GATES SHOULD BE ABLE TO OPEN MORE THAN 90 DEGREES AND SHOULD BE EQUIPPED TO PREVENT ACCIDENTAL SWINGING, WHICH CAN RESULT IN INJURY TO PERSONS OR EQUIPMENT.
- 5.) HARDWARE SHALL BE OF SUFFICIENT STRENGTH TO ACCOMMODATE REPETITIVE SWINGING.
- 6.) WHEN USED, LOCKS SHALL BE STANDARD, A MINIMUM 2" BRASS RESETTABLE COMBINATION LOCK (4 DIGIT DIALING ON BOTTOM OF LOCK). LOCK COMBINATIONS WILL BE SET BY ENCLOSURE USER AND THAT INFORMATION WILL BE GIVEN TO THE FRANCHISED HAULER.
- 7.) HOT DIP GALVANIZED FRAME AND PANELS.

FOR MORENO VALLEY PARKS ONLY

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

DATE

APPROVED:

PUBLIC WORKS DIRECTOR/
CITY ENGINEER

DATE

CITY OF MORENO VALLEY

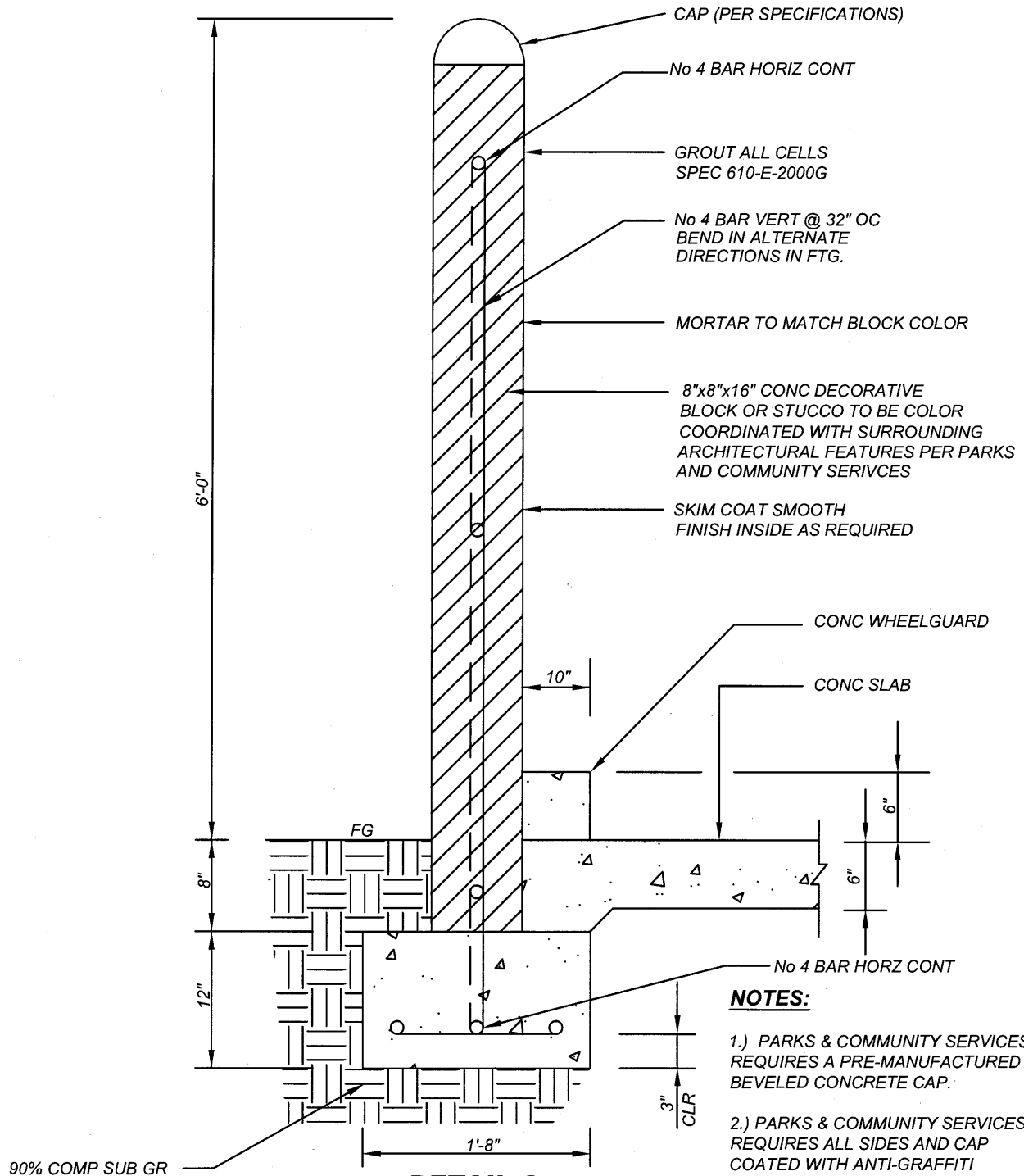
PARKS AND COMMUNITY SERVICES DEPARTMENT

**WASTE ENCLOSURE GATE
FOR PARKS**

STANDARD PLAN

MVGF-660D-1

SHEET 4 OF 6

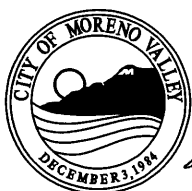


NOTES:

- 1.) PARKS & COMMUNITY SERVICES
REQUIRES A PRE-MANUFACTURED
BEVELED CONCRETE CAP.
- 2.) PARKS & COMMUNITY SERVICES
REQUIRES ALL SIDES AND CAP
COATED WITH ANTI-GRAFFITI
COATING PER SPECIFICATIONS.
- 3.) FLOOR MUST BE SEALED WITH
APPROVED SEALER.

NOT TO SCALE

FOR MORENO VALLEY PARKS ONLY



RECOMMENDED:

[Signature] 12/21/16
DIVISION MANAGER DATE

APPROVED:

[Signature] 1/20/17
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY

PARKS AND COMMUNITY SERVICES DEPARTMENT

**WASTE ENCLOSURE
WALL & FOOTING FOR PARKS**

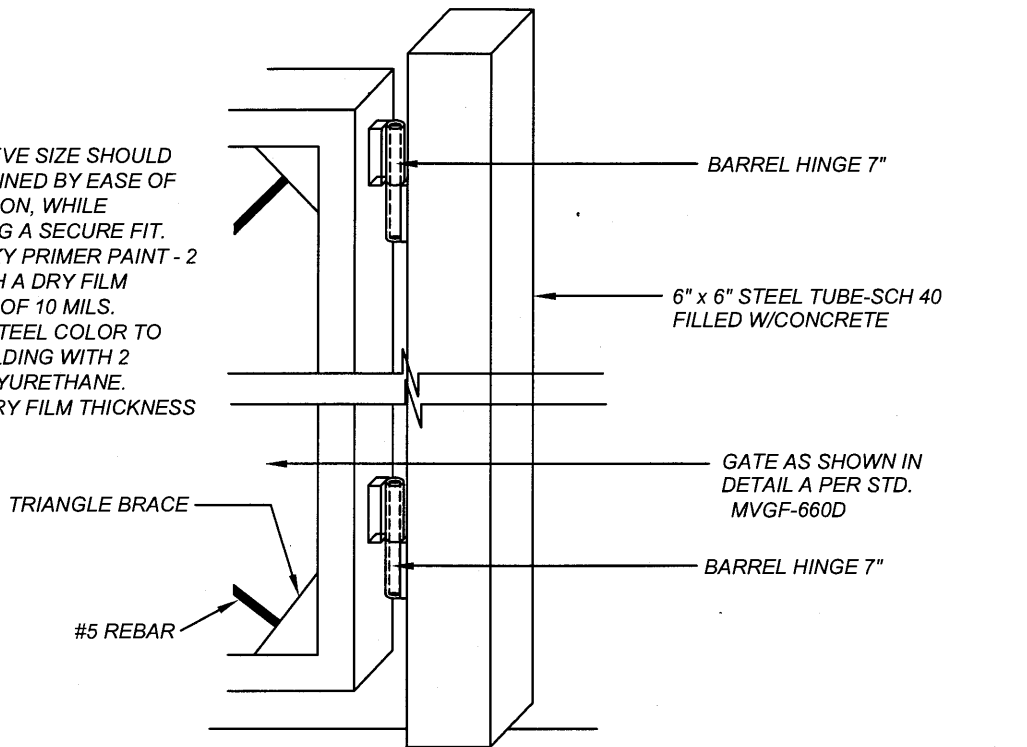
STANDARD PLAN

MVGF-660E-1

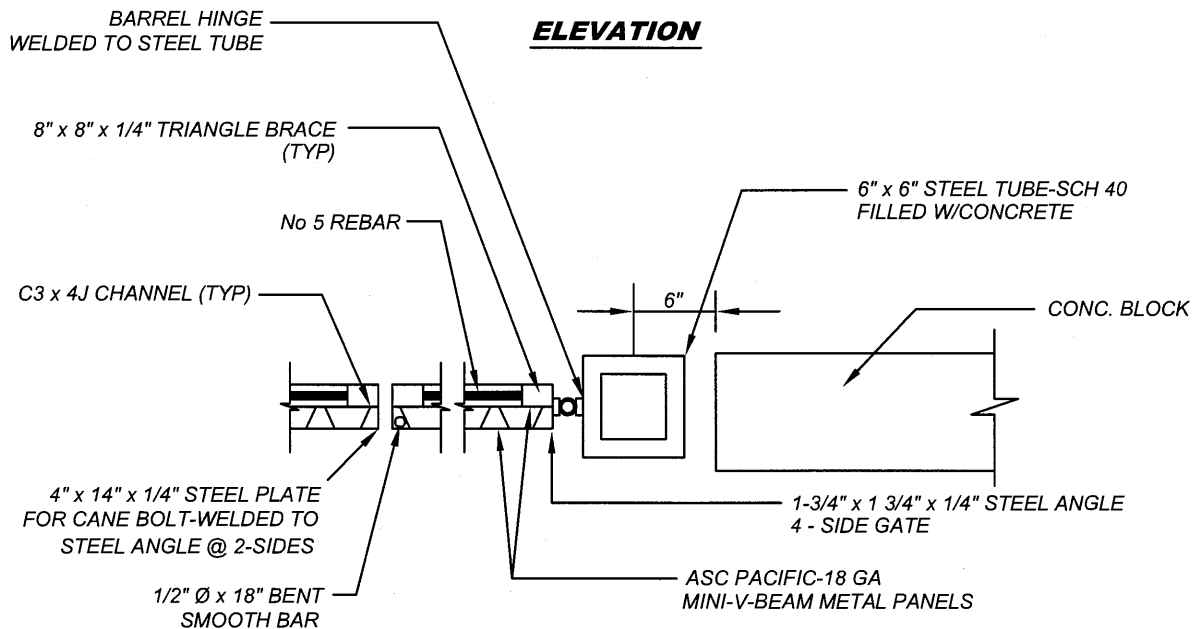
SHEET 5 OF 6

NOTES:

- 1.) STEEL SLEEVE SIZE SHOULD BE DETERMINED BY EASE OF SWING ACTION, WHILE MAINTAINING A SECURE FIT.
- 2.) PAINT EPOXY PRIMER PAINT - 2 COATS WITH A DRY FILM THICKNESS OF 10 MILS.
- 3.) PAINT ALL STEEL COLOR TO MATCH BUILDING WITH 2 COATS POLYURETHANE. MINIMUM DRY FILM THICKNESS OF 4 MILS.



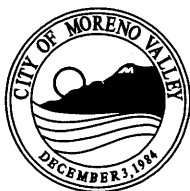
ELEVATION



DETAIL B

FOR MORENO VALLEY PARKS ONLY

NOTE:
ALL STEEL TO BE HOT DIPPED GALVANIZED.
NOT TO SCALE



RECOMMENDED:
DIVISION MANAGER DATE
APPROVED:
PUBLIC WORKS DIRECTOR / DATE
CITY ENGINEER

CITY OF MORENO VALLEY

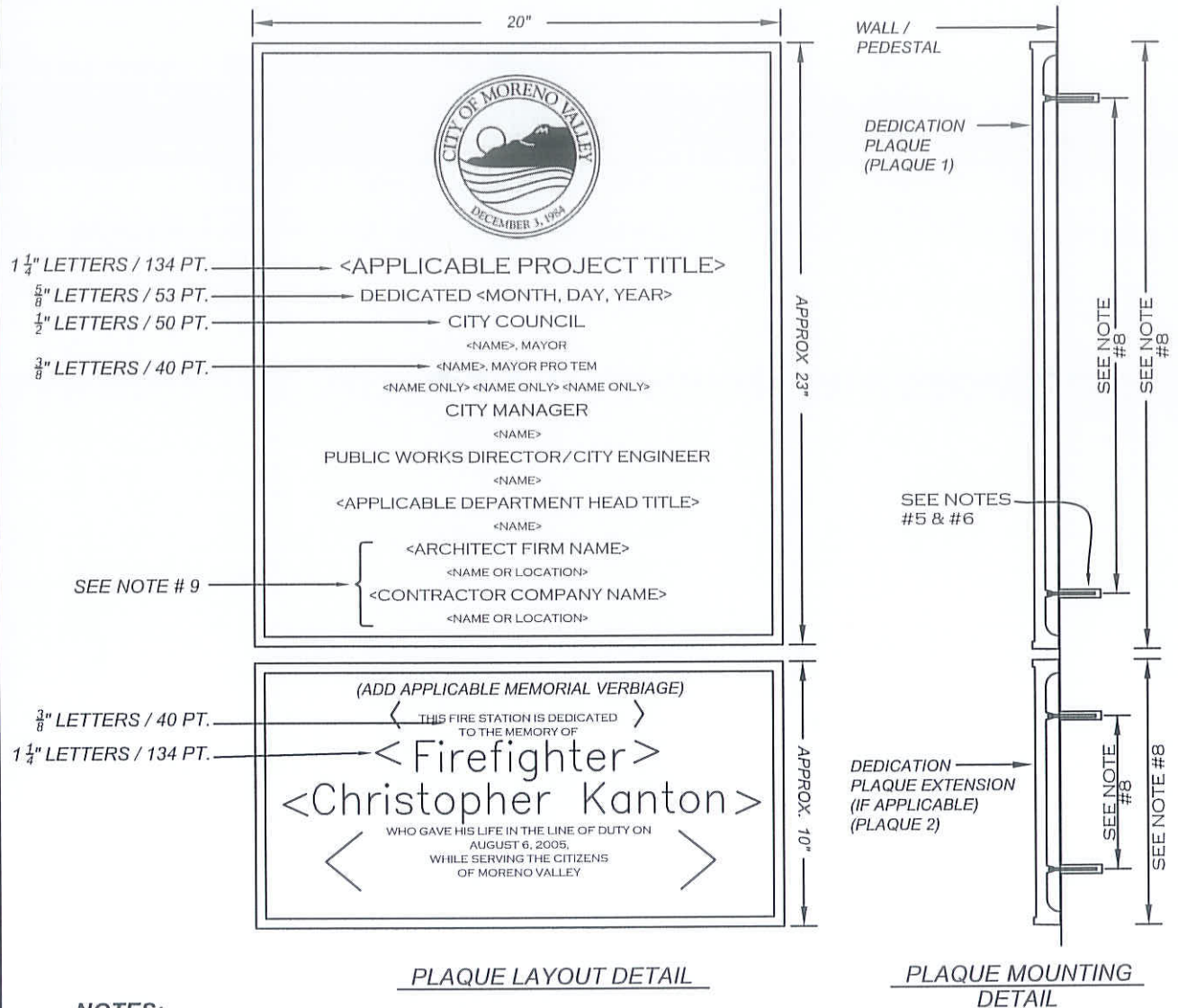
PARKS AND COMMUNITY SERVICES DEPARTMENT

**WASTE ENCLOSURE
GATE HINGE FOR PARKS**

STANDARD PLAN

MVGF-660F-1

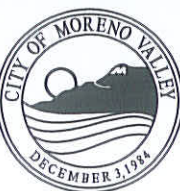


SHEET 6 OF 6

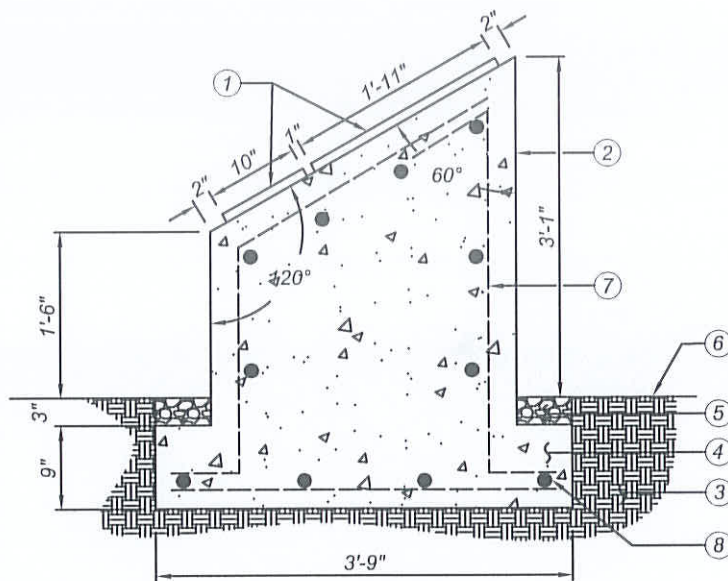


NOTES:

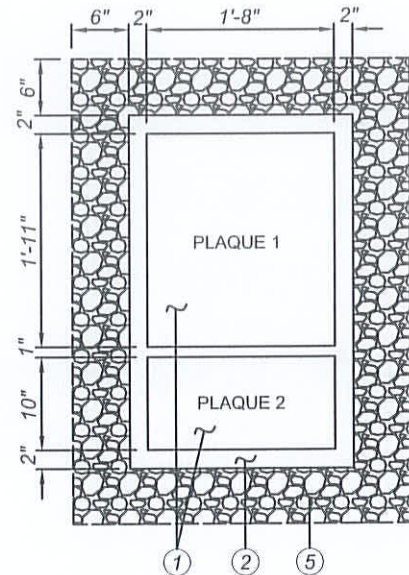
1. PLAQUE SHALL HAVE A SATIN FINISH WITH BROWN BACKGROUND AND LEATHERETTE TEXTURE AND PROTECTED WITH A CLEAR ACRYLIC COATING (THIS INCLUDES THE CITY SEAL).
2. THE TYPE/STYLES USED FOR THESE PLAQUES ARE TIMES BOLD AND COPPERPLATE.
3. THE LOCATION FOR THE PLAQUE TO BE DETERMINED BY APPLICABLE DEPARTMENT.
4. PLAQUE EXTENSION (BELOW MAIN PLAQUE) IS TO BE USED WHEN APPLICABLE.
5. MOUNTING STUDS MUST BE EMBEDDED A MINIMUM OF 1 1/2".
6. MOUNTING STUDS SET IN WALL / PEDESTAL WITH SILICONE.
7. SEE STANDARD MVGF-670B-0 FOR PLAQUE DIMENSIONS AND MAY BE MODIFIED ON A CASE BY CASE BASIS.
8. DIMENSIONS AS RECOMMENDED BY MANUFACTURER.
9. THE NAME OF THE ARCHITECT OR CONTRACTOR (OR BOTH) SHALL ONLY BE SHOWN ON THE PLAQUE IF THE ARCHITECT OR CONTRACTOR (OR BOTH) AGREES TO PAY FOR THE MATERIALS AND INSTALLATION COSTS OF THE PLAQUE.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER DATE: 1/21/14	CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT - CAPITAL PROJECTS DIVISION	
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE: 1/29/14	FACILITY DEDICATION PLAQUE	



SIDE ELEVATION



PLAN VIEW

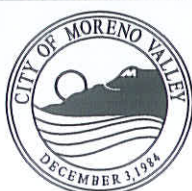
LEGEND:

- ① DEDICATION PLAQUE
- ② FINISH TYPICALLY TO BE CONCRETE.
- ③ BASE MATERIAL & COMPACTED SUB-GRADE.
- ④ STRUCTURAL FOOTING - 3'-9" x 3'-0".
- ⑤ ROCK MULCH - 1"-2" BUFF COLOR MEXICAN PEBBLE.
- ⑥ ALUMINUM EDGE - BLACK ANODIZED
- ⑦ No 4 @ 12" OC EA WAY, TYP.
- ⑧ 4- No 4 EA WAY, TYP.

NOTES:

- 1. ADJUST SURROUNDING IRRIGATION ACCORDINGLY, IF PLACED IN EXISTING LANDSCAPED AREA.
- 2. SEAL ALL CONCRETE WITH APPROPRIATE SEALER MATERIAL.
- 3. 1/8" RADIUS AT ALL CONCRETE EDGES/CORNERS.

NOT TO SCALE



RECOMMENDED:

DIVISION MANAGER

1/21/14
DATE

APPROVED:

PUBLIC WORKS DIRECTOR /
CITY ENGINEER

1/29/14
DATE

CITY OF MORENO VALLEY
PUBLIC WORKS DEPARTMENT - CAPITAL PROJECTS DIVISION

**DEDICATION PLAQUE
PEDESTAL**

STANDARD PLAN

MVGF-670B-0

SHEET 2 OF 2