

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 5x10'. 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	CITY OF MORENO VALLEY PARKS AND COMMUNITY SERVICES DEPARTMENT	
	APPROVED:  PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER		

MULTI-USE TRAIL SPECIFICATIONS