



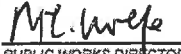
**NOTES:**

- 1.) **GENERAL REQUIREMENTS:** THE SUBDIVISION BOUNDARIES, LOT CORNERS, CITY LIMITS, ROAD, STREET, HIGHWAY CENTERLINE, ANGLE POINTS IN ALL LINES, BEGINNING AND END OF ALL CURVED LINES, SHALL BE MONUMENTED IN ACCORDANCE WITH THE HEREINAFTER DESCRIBED STANDARD MONUMENTS AND PROCEDURES. ANY MONUMENT HAVING CHARACTERISTICS OTHER THAN THE HEREINAFTER DESCRIBED MAY BE USED ONLY UPON WRITTEN APPROVAL OF THE CITY ENGINEER. IF AN EXISTING RECORD AND IDENTIFIED MONUMENT IS FOUND ON THE GROUND AT THE LOCATION OF A SUBDIVISION CORNER, THIS MONUMENT MAY BE USED IN LIEU OF REPLACEMENT WITH A NEW MONUMENT PROVIDED THE EXISTING MONUMENT IS A TYPE CONSIDERED TO BE DURABLE.
- 2.) **STANDARD "A" MONUMENTS:** THIS MONUMENT IS TO BE ONE INCH ( INSIDE DIAMETER ) GALVANIZED IRON PIPE EIGHTEEN (18") INCHES LONG. A METAL DISC OR PLASTIC PLUG BEARING THE REGISTERED CIVIL ENGINEER OR LAND SURVEYOR NUMBER SHALL BE SECURELY AFFIXED TO THE TOP OF THE PIPE. THE TOP SURFACE OF THE MONUMENT SHALL BE 2 2/3" MINIMUM BELOW THE PAVED STREET SURFACE WITH MONUMENT COVER. SEE STANDARD PLANS No's MVSI-170A AND MVSI-170B. THIS MONUMENT IS NOT TO BE USED WITHOUT A MONUMENT COVER.
- 3.) **STANDARD "B" MONUMENTS:** THIS MONUMENT IS TO BE AN EIGHTEEN (18") INCH COPPER CLAD STEEL PIN WITH ONE-HALF (1-1/2") INCH CONICAL BRASS CAP. THE MONUMENT MAY BE USED AS AN ALTERNATIVE TO THE TYPE "A" MONUMENT TO MARK CENTERLINE CONTROL IN PAVED STREETS. THE MONUMENT IS TO BE DRIVEN 2" MINIMUM BELOW THE STREET SURFACE WITH MONUMENT COVER. AFTER SETTING THE MONUMENT, THE REGISTERED CIVIL ENGINEER OR LAND SURVEYOR NUMBER SHALL BE STAMPED INTO THE SURFACE OF THE BRASS CAP. SEE STANDARD PLAN No's MVSI-170A AND MVSI-170B. THIS MONUMENT SHALL BE FLUSH WITH STREET SURFACE WHEN PLACED IN LOCAL STREETS.
- 4.) **STANDARD "C" MONUMENTS:** THIS MONUMENT TO CONSIST OF A 1/2" REBAR, 18" LONG WITH APPROPRIATE STAMPED CAP. SEE MONUMENT SCHEDULE BELOW FOR USE OF THIS MONUMENT.
- 5.) **STANDARD "D" MONUMENTS:** THIS MONUMENT TO CONSIST OF A 3/4" INSIDE DIAMETER x 18" LONG GALVANIZED IRON PIPE DRIVEN TO A POINT NOT TO EXCEED 1" ABOVE THE NATURAL GROUND SURFACE. THE EXACT POINT OF INTERSECTION OF THE LINES SHALL BE MARKED AS SHOWN ON STANDARD MVSI-170C-0, AND ON THE TOP CENTER OF THE PIPE BY A SUITABLE TACK OR NAIL, WHICH IN TURN SHALL BE USED TO SECURE TO THE STAKE THE METAL DISK BEARING THE REGISTERED CIVIL ENGINEER OR LAND SURVEYOR NUMBER OR PLASTIC PLUG WITH RCE OR LS NUMBER. SEE MONUMENT SCHEDULE BELOW FOR USE OF THIS MONUMENT.
- 6.) **STANDARD "E" MONUMENTS:** THIS MONUMENT TO CONSIST OF LEAD PLUG OR STEEL PIN WITH METAL IDENTIFICATION DISK SET IN CONCRETE CURB. SEE MONUMENT SCHEDULE BELOW FOR USE OF THIS MONUMENT.
- 7.) **MONUMENT SCHEDULE:**

STANDARD	USE OF MONUMENT	REMARKS
"A"	TRACT BOUNDARY CONTROL: STREET CENTERLINE CONTROL--UNPAVED AND PAVED	AS SPECIFIED BY THE CITY ENGINEER.
"B"	STREET CENTERLINE CONTROL	MAY BE USED IN LIEU OF TYPE "A" MONUMENT IN PAVED STREETS. TYPE "B" SHALL BE USED AT ALL STREET INTERSECTIONS
"C"	LOT CORNER ANGLE POINT IN LOT LINE, EC AND BC, LOT LINE, RIGHT-OF-WAY LINE	
"D"	SAME AS "C"	
"E"	SAME AS "C"	ALL LOT CORNER MONUMENT EXCEPT WHEN LOT CORNER IS COINCIDENT WITH BOUNDARY CORNER MAY BE SET IN THE FACE OF THE CURB ON THE PROLONGATION OF THE LOT LINE. IN THE EVENT IMPROVEMENTS IN A SUBDIVISION INCLUDE A BLOCK WALL ALONG THE REAR LOT LINES, A STANDARD "E" MONUMENT MAY BE SET ON BOTH SIDES OF THE BLOCK WALL TO INDICATE DIRECTION OF THE SIDE LOT LINES. SUCH POINTS SHALL BE NOTED ON THE FINAL MAP AS "POINTS ON LINE".

- 8.) **MONUMENTS TIES:** UPON COMPLETION OF THE TRACT MONUMENTATION, THE ENGINEER OR LICENSED LAND SURVEYOR SHALL FURNISH TO THE CITY ENGINEER TIES TO ALL STREET CENTERLINE MONUMENTS. SUCH TIES ARE TO BE PERMANENT PHYSICAL OBJECTS, THERE BEING NOT LESS THAN 3 AND PREFERABLY 4 TIES TO EACH MONUMENT. WHENEVER CURB AND GUTTER IS INSTALLED, STREET CENTERLINE MONUMENTS ARE TO BE TIED TO PERMANENT POINTS SET IN THE CURB. THESE PERMANENT POINTS TO CONSIST OF EITHER OF THE FOLLOWING: LEAD AND TACK OR STEEL PIN DRIVEN INTO THE CONCRETE. USE OF A CROSS CUT INTO THE CONCRETE WILL NOT BE ACCEPTABLE. CROSS OVER TIES ARE PREFERRED WHEN MADE WITH TRANSIT AND TAPE. THE TIES FURNISHED TO THE CITY ENGINEER ARE TO BE PREPARED ON 8-1/2" x 11" SHEETS OF MYLAR. SKETCH TO BE CLEAR AND LEGIBLE AND SPACED TO AVOID CONFUSION OR MISINTERPRETATION.

NOT TO SCALE

	RECOMMENDED:  DIVISION MANAGER	7/8/19 DATE	<b>CITY OF MORENO VALLEY</b> PUBLIC WORKS DEPARTMENT - LAND DEVELOPMENT DIVISION	STANDARD PLAN <b>MVSI-170E-0</b>
	APPROVED:  PUBLIC WORKS DIRECTOR / CITY ENGINEER	7/30/19 DATE		