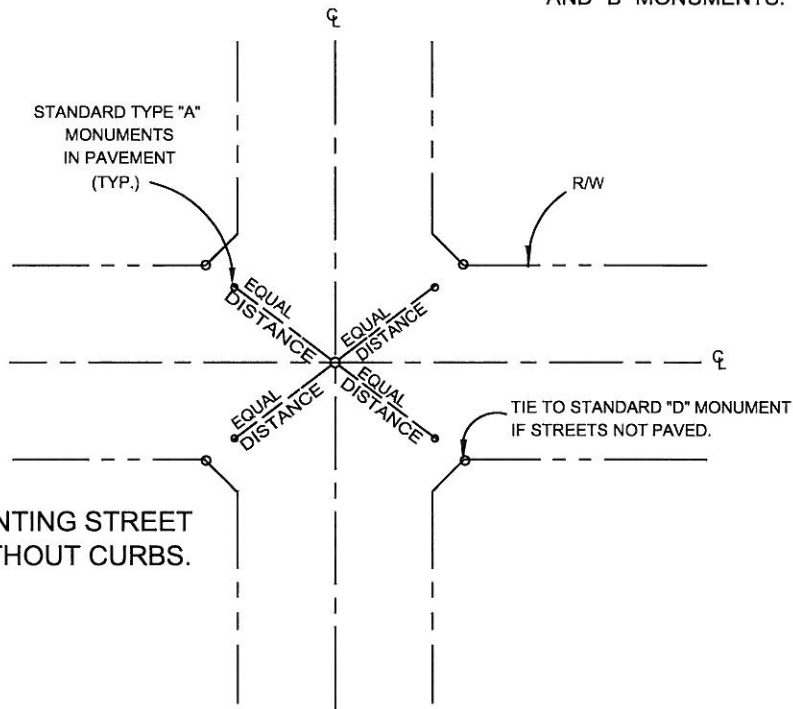


MONUMENTING STREET CENTER LINES WHEN SEWER MANHOLES ARE LOCATED ON CENTER LINE.


NOTES:

1. L & T AS SHOWN HEREON INDICATES LEAD AND TACK OR STEEL PIN MONUMENT SET IN CURB.
2. LEAD AND TACK OR STEEL PIN MONUMENT WITNESS TO PROPERTY CORNER MAY BE SET, NOT REQUIRED.
3. SEE STANDARD PLAN 155 FOR TYPE "A" AND "B" MONUMENTS.



MONUMENTING STREET CENTER LINES WITHOUT CURBS.



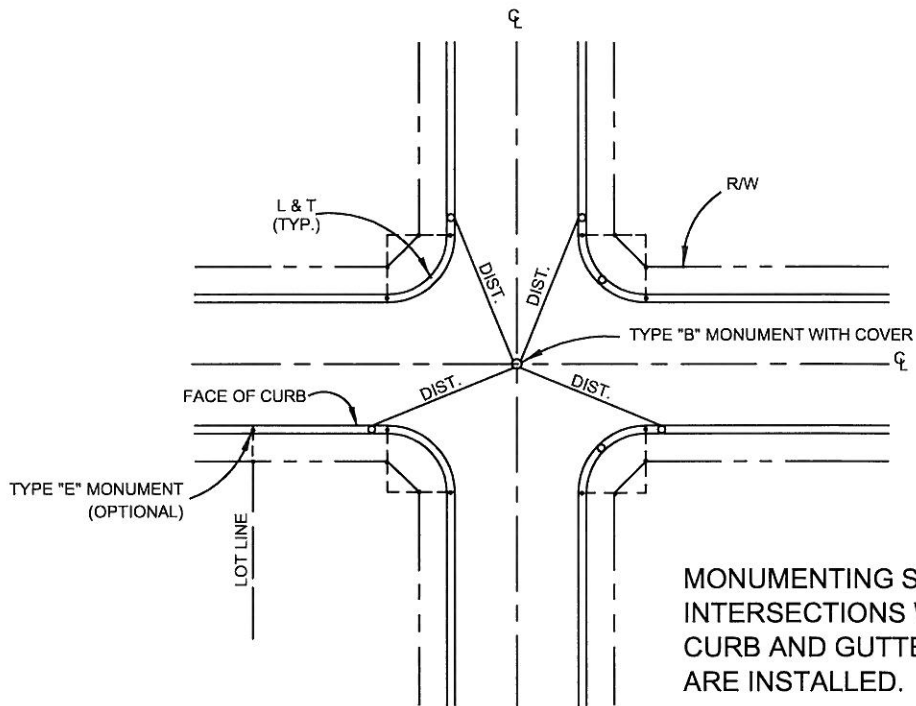
APPROVED BY:

 11/23/09
 CITY ENGINEER DATE
 KIP D. FIELD

CITY OF CORONA

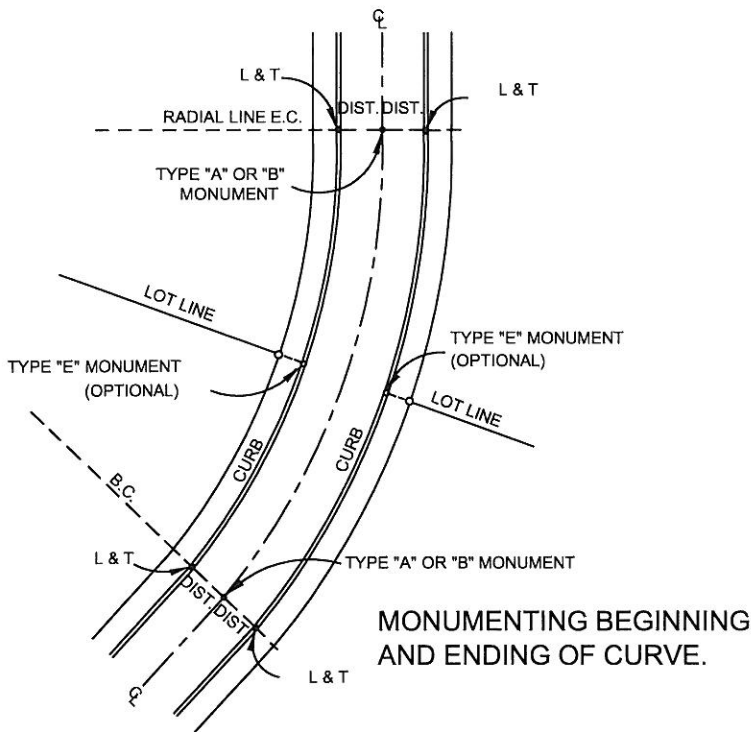
TIE-OUT STANDARDS

REVISION	DESCRIPTION	BY	DATE

STANDARD PLAN NUMBER: **156** SHT 1 OF 3



MONUMENTING STREET INTERSECTIONS WHERE CURB AND GUTTERS ARE INSTALLED.



MONUMENTING BEGINNING AND ENDING OF CURVE.

NOTES:

1. L&T SHOWN HEREON INDICATES LEAD AND TACK OR STEEL PIN MONUMENT SET IN CONCRETE CURB.
2. LEAD AND TACK OR STEEL PIN MONUMENT WITNESS TO PROPERTY CORNER MAY BE SET IN ADDITION TO SETTING FRONT LOT CORNERS.
3. THE P.I. OF THE CURVE C OF A STREET MAY BE MONUMENTED IN LIEU OF ECR AND BCR IF THE P.I. FALLS WITHIN THE TRAVELED WAY. IT SHALL BE REFERENCED WITH L&T'S IN CURB.



APPROVED BY:
Kip D. Field 11/23/09
 CITY ENGINEER DATE
 KIP D. FIELD

CITY OF CORONA

TIE-OUT STANDARDS

REVISION	DESCRIPTION	BY	DATE

STANDARD PLAN NUMBER: **156** SHT 2 OF 3

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 PUBLIC WORKS DIRECTOR. 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 INCHES (18") 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 FLUSH WITH NATURAL GROUND, BELOW THE PAVED STREET SURFACE WITH MONUMENT COVER, AND TWELVE INCHES (12") DOWN IN UNPAVED STREETS.
3. STANDARD "B" MONUMENTS: THIS MONUMENT IS TO BE AN EIGHTEEN INCH (18") COPPER CLAD STEEL PIN TO WHICH IS SECURED AT ONE END A ONE AND ONE-HALF INCH (1-1/2") CONICAL BRASS CAP. THE MONUMENT MAY BE USED AS AN ALTERNATIVE TO THE TYPE "A" MONUMENT TO MARK CENTERLINE CONTROL ON STREETS. THE MONUMENT IS TO BE DRIVEN BELOW THE PAVED 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 155.
4. STANDARD "C" MONUMENTS: THIS MONUMENT TO CONSIST OF A 1/2" REBAR, 18" LONG WITH APPROPRIATE STAMPED CAP. SEE MONUMENT SCHEDULE 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 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 R.C.E. OR L.S. NUMBER WITH MARK FOR EXACT POINT. SEE MONUMENT SCHEDULE 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 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 PUBLIC WORKS DIRECTOR.
"B"	STREET CENTERLINE CONTROL	MAY BE USED IN LIEU OF TYPE "A" MONUMENT IN PAVED STREETS.
"C"	LOT CORNER, ANGLE POINT IN LOT LINE, ECR AND BCR, LOT LINE, RIGHT OF WAY LINE	
"D"	SAME AS "C"	
"E"	SAME AS "C"	

ALL LOT CORNER MONUMENTS 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. MONUMENT TIES: UPON COMPLETION OF THE TRACT MONUMENTATION, THE ENGINEER OR LICENSED LAND SURVEYOR SHALL FURNISH TO THE PUBLIC WORKS DIRECTOR TIES TO ALL STREET CENTERLINE MONUMENTS (SEE STANDARD PLAN 157). 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.



APPROVED BY:

 11/23/09
 CITY ENGINEER
 KIP D. FIELD

CITY OF CORONA

MONUMENT NOTES

REVISION	DESCRIPTION	BY	DATE

STANDARD PLAN NUMBER: **156** SHT 3 OF 3