



SECTION A-A

NOTES:

1. THE MANHOLE FRAME AND COVER SHALL BE MADE OF GRAY CAST IRON CONFORMING TO THE LATEST A.S.T.M. STANDARD A48, CLASS 30 OR BETTER.
2. ALL PARTS OF THE MANHOLE FRAME AND COVER EXCEPT MACHINE SURFACES SHALL BE COATED WITH ASPHALTUM PAINT.
3. THE MANHOLE FRAME AND COVER SHALL BE TESTED FOR ACCURACY OF FIT AND SHALL BE MARKED IN SETS BEFORE DELIVERY. THE COVER SHALL FIT THE FRAME SNUGLY BUT NOT TIGHTLY.
4. THE WEIGHT OF THE FRAME AND COVER SHALL NOT VARY MORE THAN TWO PERCENT FROM THOSE GIVEN HEREON.
5. COVERS FOR MANHOLES LOCATED IN RIGHT OF WAY, EASEMENTS, ALLEYS, PARKWAYS AND ALL OTHER PLACES EXCEPT PAVED STREETS SHALL BE PROVIDED WITH ALLEN SOCKET SET SCREW LOCKING DEVICES. THE CONTRACTOR SHALL DRILL AND TAP TWO HOLES TO A DEPTH OF 1" AT 90° TO PICK HOLE AND INSTALL 3/4" X 3/4" ALLEN SOCKET SET SCREWS THEREIN.

**CITY OF MURRIETA**  
DEPARTMENT OF DEVELOPMENT SERVICES

REVISIONS	
5/92	APPROVED

**STANDARD STORM DRAIN  
MANHOLE COVER AND FRAME**

STD. NO.

**428b**

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