



**MANHOLE SECTION  
(36"-48" MAINS)**

MANHOLE BASE DIMENSIONS						
DIA.	A	B	C	D	E	F
36"	53"	36"	9.5"	7.5"	58"	11"
42"	60"	42"	10"	8"	60"	9"
48"	68"	48"	11"	9"	66"	9"

**NOTES:**

1. MANHOLE FRAME AND COVER SHALL BE SOUTH BAY FOUNDRY MODEL SBF1900 (OR APPROVED EQUAL) IMPRINTED WITH EITHER "STORM DRAIN" OR "SANITARY SEWER" MATCHING SYSTEM MAIN TYPE. FRAME AND COVER SHALL BE FLUSH WITH EXISTING GRADE (OR FINISHED GRADE IN NEW PAVEMENTS).
2. CAST-IN-PLACE CONCRETE COLLAR AND BASE SHALL BE CLASS A 6-SACK PER CALTRANS STANDARDS PLACED AGAINST UNDISTURBED EARTH OR APPROVED BACKFILL MATERIAL AT 95% COMPACTION.
3. FRAME AND BASE SHALL BE SET TO THE PRECAST SECTIONS WITH 1:3 MORTAR MIX.
4. WHEN INSTALLED IN PAVED STREETS, A MINIMUM 2" ASPHALT CONCRETE LAYER SHALL BE PLACED ABOVE THE CONCRETE COLLAR AND FLUSH WITH THE EXISTING GRADE (OR FINISHED GRADE ON NEW STREETS). TACK COAT ALL SURFACES PRIOR TO PLACING ASPHALT CONCRETE.
5. PRECAST SECTIONS SHALL CONFORM TO ASTM C-478 SPECIFICATIONS.
6. PRECAST CONCENTRIC TAPER SECTION SHALL BE USED.
7. WATERSTOPS SHALL BE PROVIDED ON ALL INLET AND OUTLET PIPE ENTRY POINTS. WATERSTOPS SHALL BE A-LOK, KORE-N-SEAL, OR APPROVED EQUAL WITH GROUT AROUND WATERSTOP.
8. LAY CUT PIPE THROUGH MANHOLE MANHOLE AND CONFORM TO CONTOUR OF BASE.
9. ALL MANHOLES SHALL PROVIDE A MINIMUM 0.10' DROP ACROSS THE MANHOLE.
10. SOFFIT ELEVATION OF ALL INLET PIPES SHALL BE NO LESS THAN THE SOFFIT ELEVATION OF THE OUTLET PIPE, EXCEPT FOR OVERFLOW PIPES.
11. CAST-IN-PLACE RISERS AND CONE MAY BE ALLOWED WHEN COMPLIANT WITH CALTRANS STANDARDS.