



NOTES:

1. Manhole frames and covers shall be made of gray cast iron conforming to ASTM-A48, Class 35, and painted with asphaltum paint except machined surfaces.
2. Raised lettering shall be provided labeling facility SEWER or STORM DRAIN as appropriate.
3. Covers shall be equipped with locking devices only where specified below or per project plans.

MANHOLE COVERS AND FRAMES					
CLEAR OPENING	USE	LOCATION	WEIGHT **	SPECIAL REQUIREMENTS	PLATE NO. *
23½"	SEWER	TRAFFIC AND NON-TRAFFIC	440 lbs.		A-1270
24"	STORM DRAIN	TRAFFIC AND NON-TRAFFIC	425 lbs.		A-1254-6
24"	STORM DRAIN	TRAFFIC AND NON-TRAFFIC	315 lbs.		A-1254 ***
24"	STORM DRAIN	PARKWAY	225 lbs.	w/ locking device GALVANIZED	A-1264
36"	SEWER	TRAFFIC AND NON-TRAFFIC	575 lbs.		A-1251-4
36"	STORM DRAIN CATCH BASIN	PARKWAY	575 lbs.	GALVANIZED	A-1261-4
24"	CATCH BASIN	PARKWAY	130 lbs.	w/ locking device GALVANIZED	A-1531

* Alhambra Foundry or approved equal

** Approximate shipping weight (frame and cover)

*** Use when inadequate clearance between manhole and street surface dimension is minimum clearance per Std Plan 313, 314, 315.



9-16-04
DATE APPROVED
Harry W. Thomas
PUBLIC WORKS DIRECTOR/C.E.
Robert D. [Signature]
ASSISTANT CITY ENGINEER

CITY OF ORANGE PUBLIC WORKS DEPARTMENT
STANDARD MANHOLE
FRAMES AND COVERS

STANDARD
PLAN No.
407