



DEPARTMENT OF PUBLIC WORKS

BUREAU OF ENGINEERING CITY OF LOS ANGELES

BRICK MANHOLE

STANDARD PLAN S-141-0

SUBMITTED FEB 5, 1976	REVISIONS				SUPERSEDES	REFERENCES
DIVISION ENGINEER APPROVED _____ 1976 CITY ENGINEER DESIGNED BY WRN DRAWN BY JRB CHECKED BY WRN	NO.	DATE	DESCRIPTION	DIVISION ENGINEER	CITY ENGINEER	01-2439 5-140 5-282 5-283
VAULT INDEX NUMBER B-3865						
SHEET 1 OF 2 SHEETS						

NOTES:

1. THE MANHOLE DESIGNATION, DIMENSION D_m , INNER BASE (INCLUDING CHANNELS AND SHELVES), BOTTOM, ETC. SHALL CONFORM TO THE PROVISIONS SET FORTH IN STANDARD PLAN S-140 TITLED, "SEWER MANHOLES - GENERAL".
2. SEE PLANS FOR SLAB THICKNESS AND REINFORCEMENT AND WALL THICKNESS OF MANHOLES WHERE "H" EXCEEDS 35 FEET.
3. WHERE HEIGHT "H" EXCEEDS 20 FEET, THE WALLS OF THE MANHOLE BELOW 20 FEET SHALL BE 12-INCH BRICKWORK.
4. FOR SEWERS 15 INCHES OR SMALLER A 4-INCH BRICK ARCH SHALL BE CONSTRUCTED OVER THE PIPE. FOR SEWERS 18 INCHES OR LARGER AN 8-INCH BRICK ARCH SHALL BE CONSTRUCTED OVER THE PIPE. THE BRICK ARCH SHALL BE 4 INCHES THICKER THAN THE ADJACENT MANHOLE WALL.
5. WHEN PIPE IS SPECIFIED TO BE BEDDED IN CONCRETE A TRANSVERSE EXPANSION JOINT FILLER SHALL BE PROVIDED AT THE PIPE FLEXIBLE JOINTS REQUIRED IN SECTION B-B. SEE "PIPE BEDDING-FLEXIBLE JOINTS DETAIL" IN STANDARD PLAN S-140.