



DEPARTMENT OF PUBLIC WORKS

BUREAU OF ENGINEERING

CITY OF LOS ANGELES

WEIR MANHOLE TYPE II

STANDARD PLAN
S-146-0

SUBMITTED <i>Sept 22, 1981</i>	REVISIONS				SUPERSEDES B-3462	REFERENCES S-140 S-141 S-152 S-282
	NO	DATE	DESCRIPTION	ENGR OF DESIGN		
DESIGNED BY <i>William J. ...</i> ENGINEER OF DESIGN						
CHECKED BY <i>Robert J. ...</i> DEPUTY ENGINEER						
APPROVED <i>Oct 16, 1981</i> <i>Donald ...</i> CITY ENGINEER						
DESIGNED BY LIE	DRAWN BY GAM	CHECKED BY LJM				
					VAULT INDEX NUMBER B-4021	
					SHEET 1 OF 2 SHEETS	

NOTES

1. EXCEPT AS INDICATED HEREON OR ON THE PROJECT PLANS, MANHOLES SHALL CONFORM TO STANDARD PLAN S-140, SEWER MANHOLES - GENERAL, AND STANDARD PLAN S-141, BRICK MANHOLE.
2. ALL SEWER PIPE SHALL, UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS, BE ANY OF THE FOLLOWING:
 - A. FOR SEWER PIPE NOT EXCEEDING 15" I.D.:
 - (1) VCP CONFORMING TO SECTION 207-8 OF THE STANDARD SPECIFICATIONS.
 - (2) ABS SOLID WALL PIPE CONFORMING TO SECTION 207-14 OF THE STANDARD SPECIFICATIONS.
 - (3) ABS COMPOSITE PIPE CONFORMING TO SECTION 207-15 OF THE STANDARD SPECIFICATIONS.
 - (4) PVC PIPE CONFORMING TO SECTION 207-16 OF THE STANDARD SPECIFICATIONS.
 - B. FOR SEWER PIPE EXCEEDING 15" I.D.:

VCP CONFORMING TO SECTION 207-8 OF THE STANDARD SPECIFICATIONS.
3. DIMENSIONS:
 - D_p - SEE PROJECT PLANS.
 - H - SEE PROJECT PLANS
4. CONCRETE SHALL CONFORM TO SECTION 201 OF THE STANDARD SPECIFICATIONS, AND SHALL BE:
 - CLASS 660-B-3750 FOR THE INNER BASE,
 - CLASS 560-B-3250 FOR THE BASE, WALLS, AND SLABS
 - CLASS 420-C-2000 FOR BACKFILL AND PIPE ENCASEMENT

THE CONTRACTOR MAY FURNISH A HIGHER CLASS OF CONCRETE FOR THE BASE, WALLS, SLABS, AND/OR BACKFILL AND PIPE ENCASEMENT TO MINIMIZE THE NUMBER OF DIFFERENT CLASSES OF CONCRETE USED.
5. INSTALL MANHOLE FRAME AND COVER CONFORMING TO STANDARD PLAN S-282.
6. WEIR PLATES, WHEN REQUIRED, SHALL CONFORM TO STANDARD PLAN S-152.