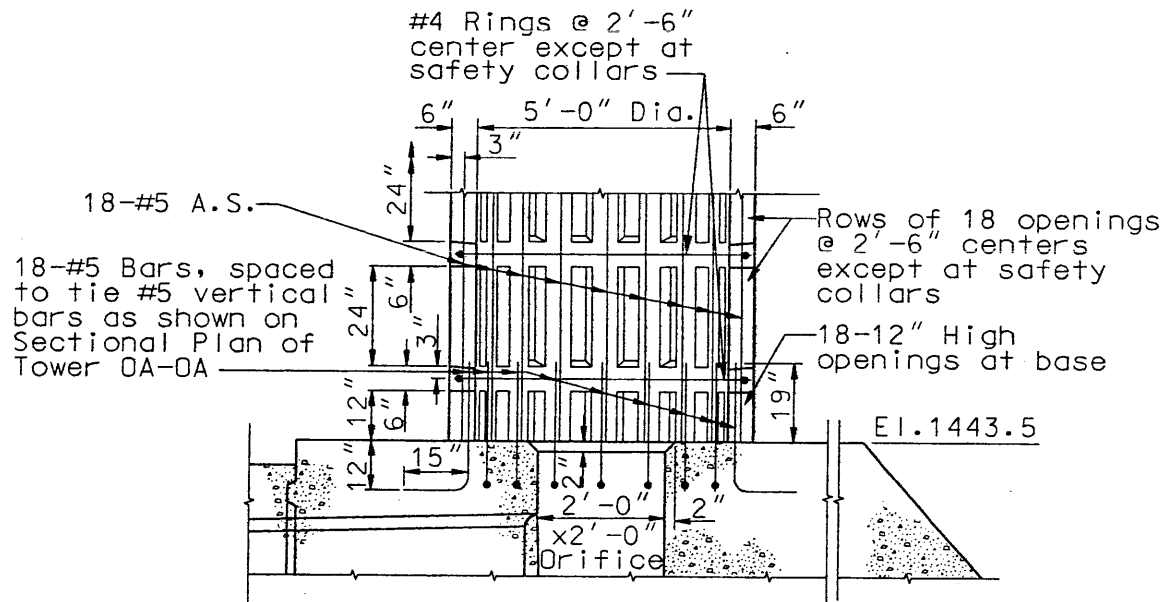


**SECTION OA-OA(SH.1)**  
**SHOWING SECTIONAL PLAN OF TOWER**

Optional roughened construction joint. See Detail "OZ"

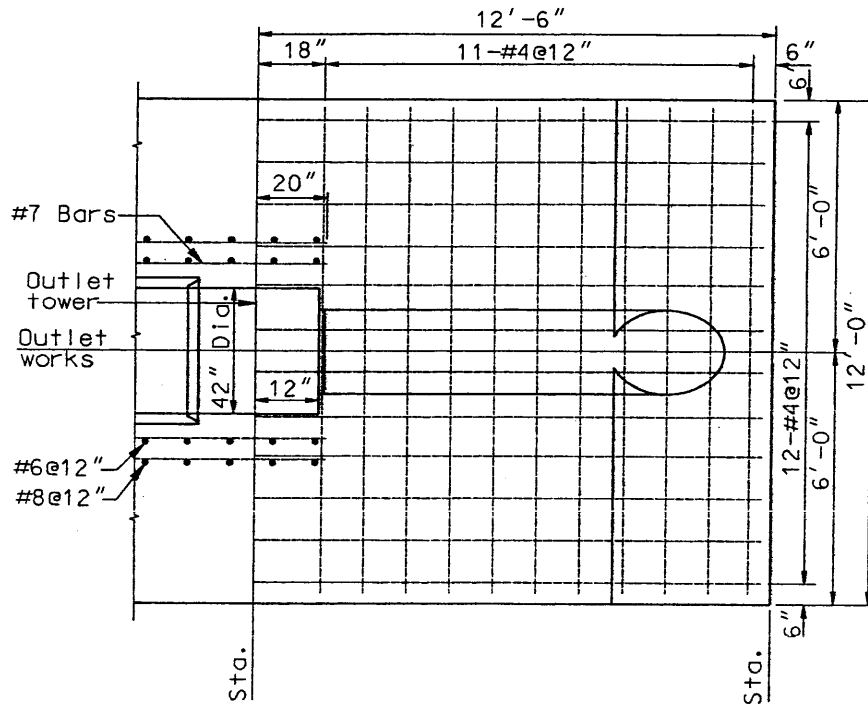


**SECTION OB-OB**

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

OUTLET WORKS

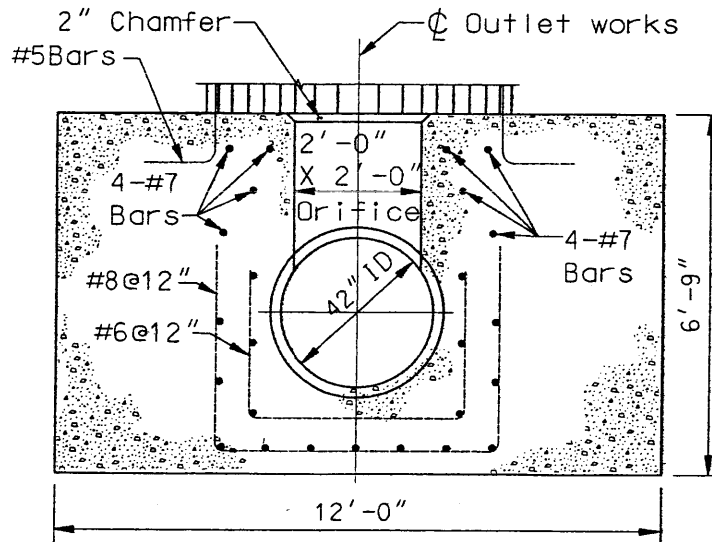
STANDARD PLAN  
**3097-0**  
 SHEET 2 OF 5



**SECTION OC-OC(SH.1)**

**Note:**

1. The 42" RCP shall be securely anchored while concrete encasement is being placed.
2. The longitudinal #7 bars shown in the outlet pipe encasement are designed for hard grade steel only. If medium grade steel is used in place of hard grade steel, the size or number of longitudinal bars must be increased to provide a total steel area equal to 1.275 times the total area of longitudinal bars shown hereon.



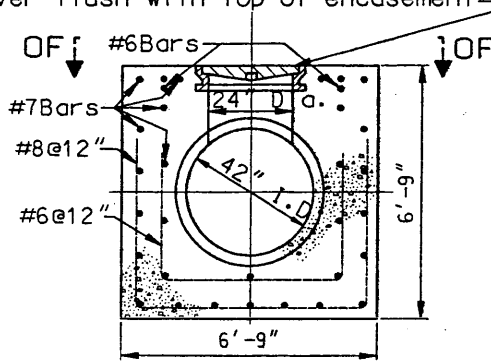
**SECTION OD-OD(SH.1)**

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

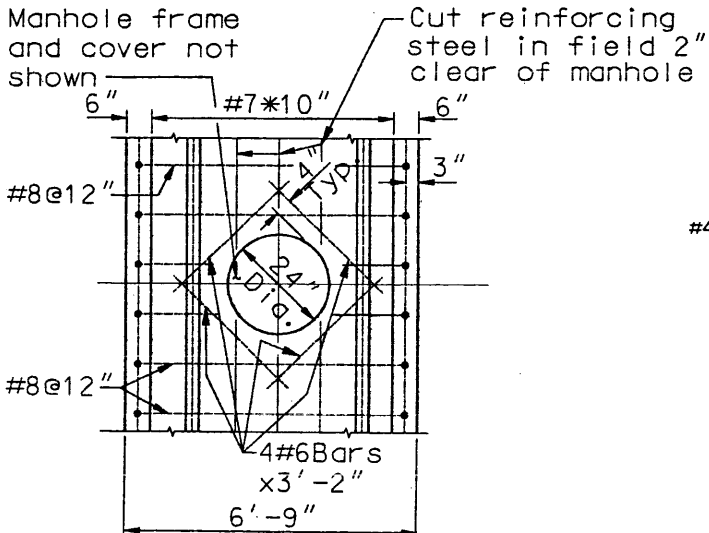
OUTLET WORKS

STANDARD PLAN  
3097-0  
SHEET 3 OF 5

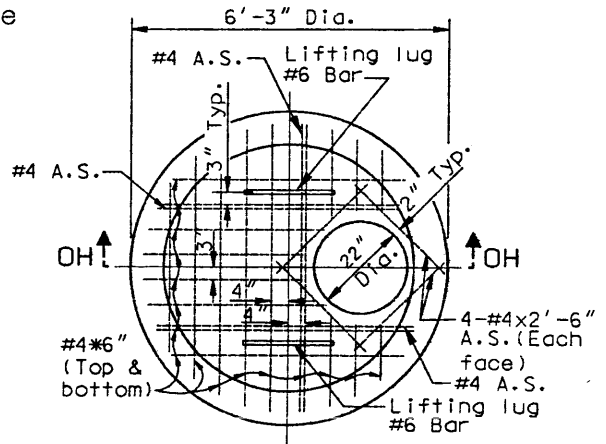
Manhole frame and cover as per Std. Plan 630-1.  
 Drill 50 -5/8" Dia. holes through cover in a  
 uniform pattern. No holes are to be drilled  
 through the ribs of the cover bottom. Make  
 top of cover flush with top of encasement



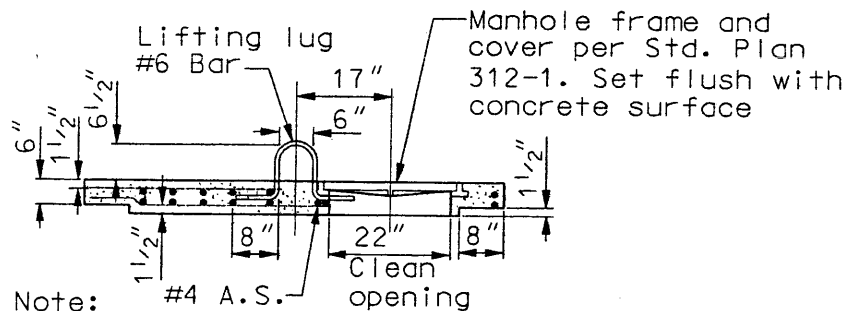
SECTION OE-OE (SH. 1)



SECTION OF-OF



PLAN OG-OG (SH. 1)  
 SHOWING OUTLET TOWER COVER



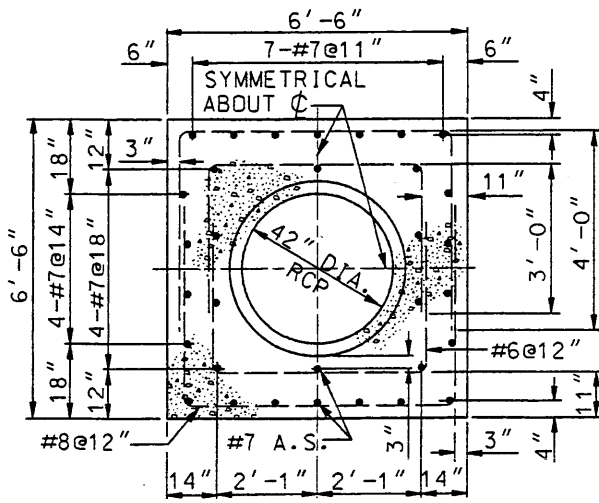
Note:  
 All bars #4@6", except as shown  
 two rows (Both ways)

SECTION OH-OH

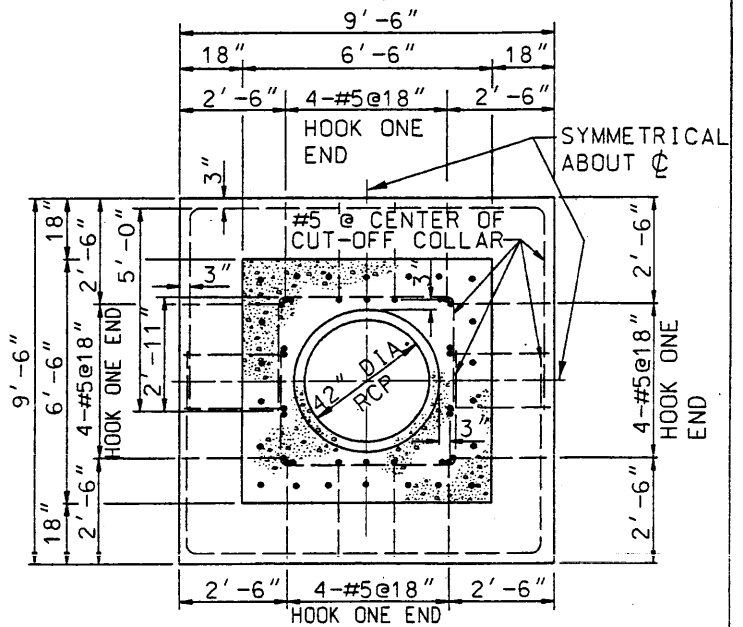
LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

OUTLET WORKS

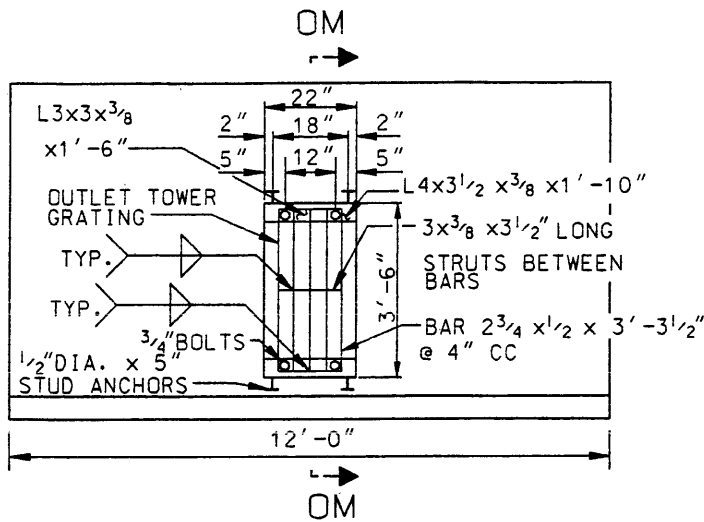
STANDARD PLAN  
 3097-0  
 SHEET 4 OF 5



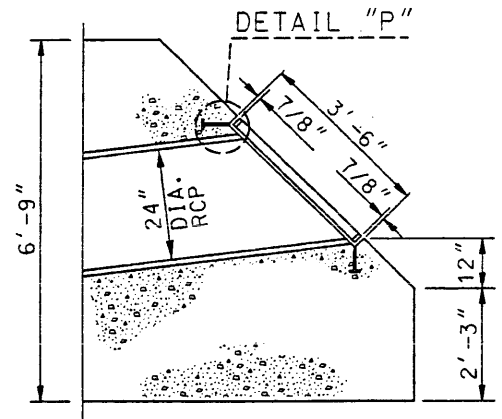
SECTION OJ-OJ (SH. 1)



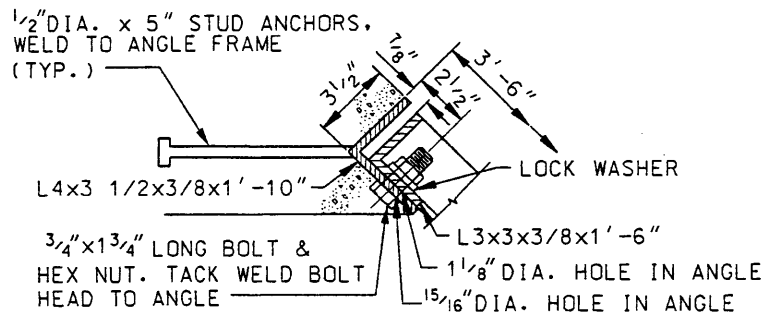
SECTION OK-OK (SH. 1)  
CUT-OFF COLLAR



SECTION OL-OL (SH. 1)



SECTION OM-OM



DETAIL "P"

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

DEBRIS DAMS AND BASINS  
OUTLET WORKS

STANDARD PLAN  
3097-0  
SHEET 5 OF 5