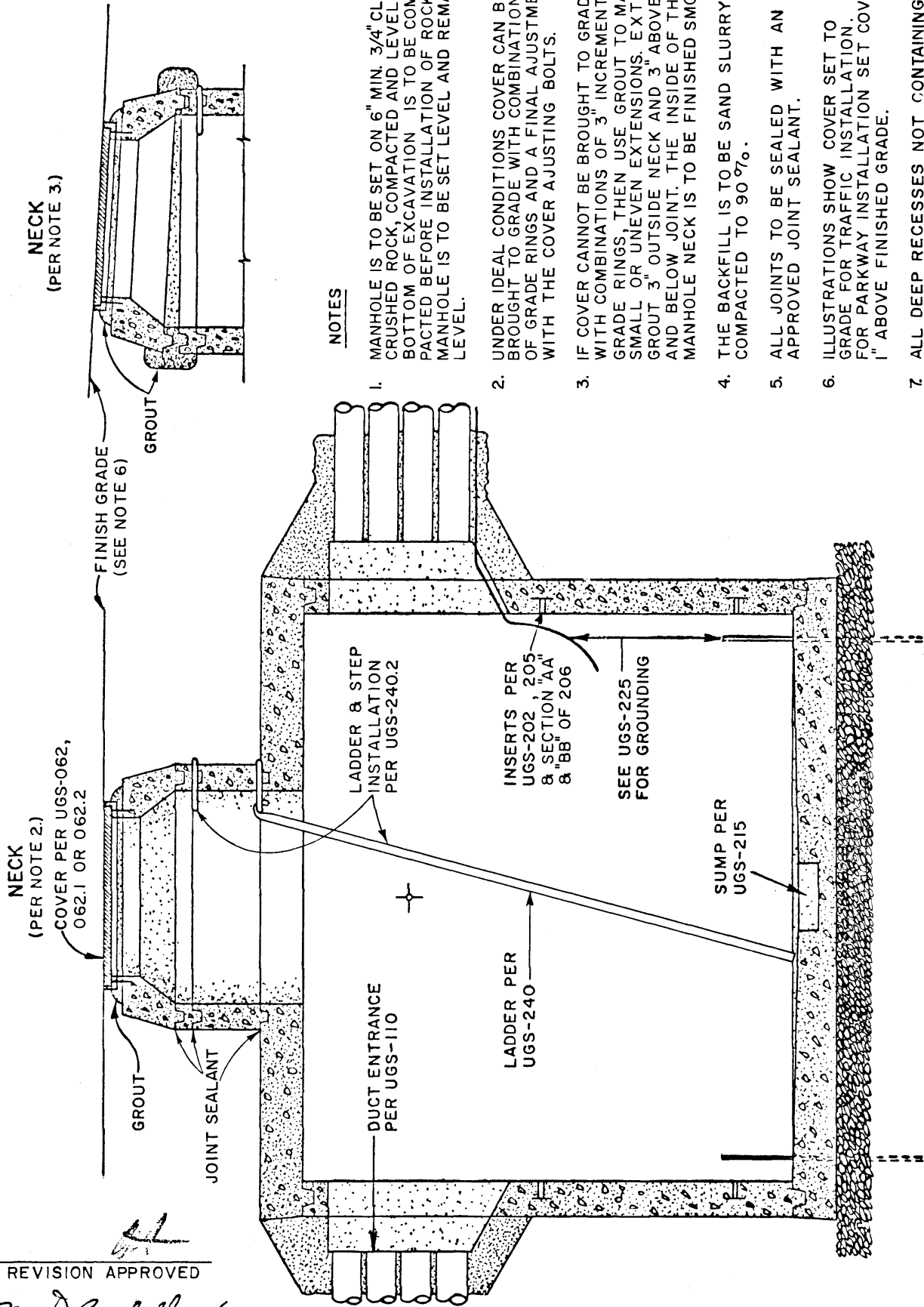


# MANHOLE INSTALLATION

RIVERSIDE PUBLIC UTILITIES DEPT.- UNDERGROUND STRUCTURES



**NOTES**

1. MANHOLE IS TO BE SET ON 6" MIN. 3/4" CLEAN CRUSHED ROCK, COMPACTED AND LEVEL. BOTTOM OF EXCAVATION IS TO BE COMPACTED BEFORE INSTALLATION OF ROCK. MANHOLE IS TO BE SET LEVEL AND REMAIN LEVEL.
2. UNDER IDEAL CONDITIONS COVER CAN BE BROUGHT TO GRADE WITH COMBINATIONS OF GRADE RINGS AND A FINAL ADJUSTMENT WITH THE COVER ADJUSTING BOLTS.
3. IF COVER CANNOT BE BROUGHT TO GRADE WITH COMBINATIONS OF 3" INCREMENT GRADE RINGS, THEN USE GROUT TO MAKE SMALL OR UNEVEN EXTENSIONS. EXTEND GROUT 3" OUTSIDE NECK AND 3" ABOVE AND BELOW JOINT. THE INSIDE OF THE MANHOLE NECK IS TO BE FINISHED SMOOTH.
4. THE BACKFILL IS TO BE SAND SLURRY COMPACTED TO 90%.
5. ALL JOINTS TO BE SEALED WITH AN APPROVED JOINT SEALANT.
6. ILLUSTRATIONS SHOW COVER SET TO GRADE FOR TRAFFIC INSTALLATION. FOR PARKWAY INSTALLATION SET COVER 1" ABOVE FINISHED GRADE.
7. ALL DEEP RECESSES NOT CONTAINING DUCT ENTRIES SHALL BE PROVIDED WITH UNISTRUTS PER UGS-205.1.

REVISION APPROVED

*J. D. Campbell* 10/67  
 GEN. SUPT./CHIEF ENGR.

LATEST REVISION: ADDED NOTE 7.

UGS-435