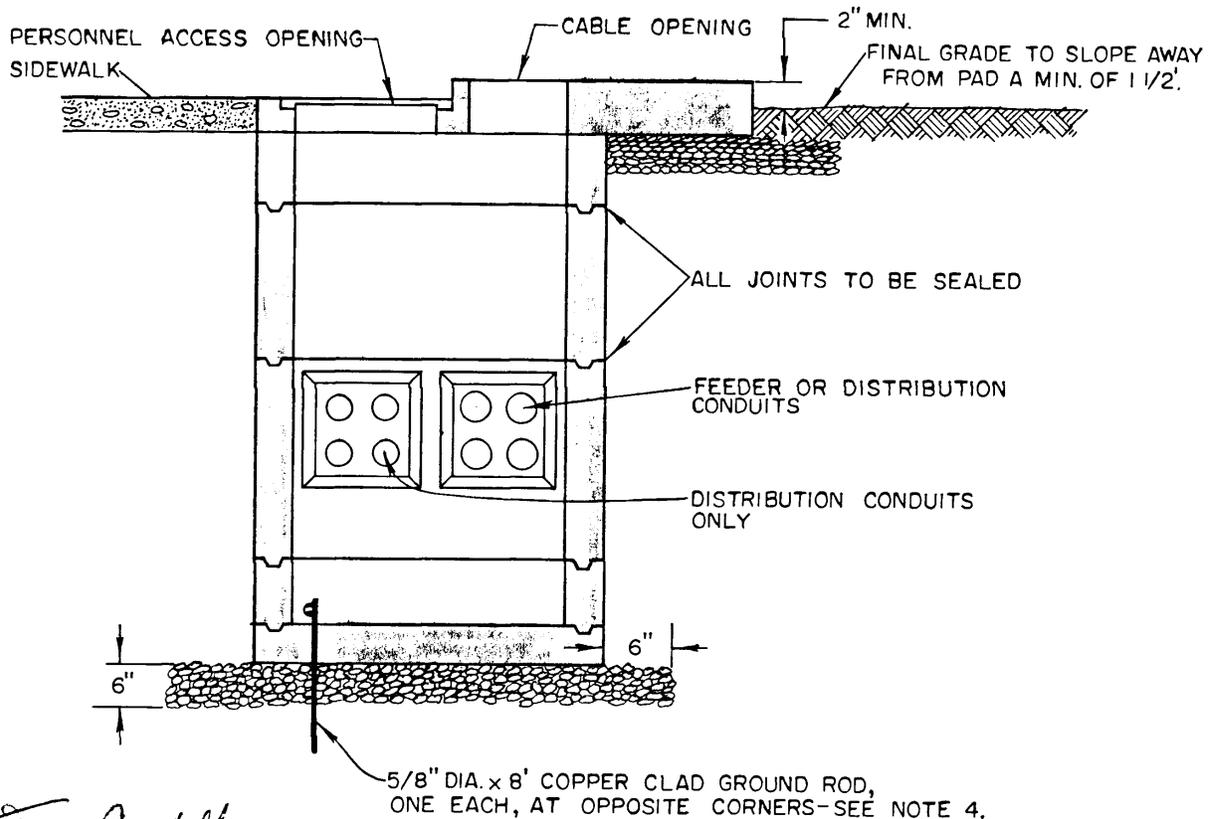


PADMOUNTED SWITCH VAULT INSTALLATION (7'x7'-6"x7')

NOTES:

1. For details and dimensions see UGS-010 and UGS-721.I.
2. Locate vault as specified on the job drawing with verification by P.U.D. inspector.
3. Install protective barriers per UGS-290, or protective wall per UGS-291 if vault is exposed to vehicular traffic. A protective wall may also be required to protect vault from embankments.
4. Ground wire to be 4/0 bare copper and extend 3' above pad. If ground rods cannot be installed because of rocky ground install 60' of 4/0 bare copper wire in bottom of trench.
5. End bells required at all conduit entrances. End bells to be of the same material as the duct to which it is attached.
6. Protect end bells and conduits from the entrance of grout and debris.
7. Vault and pad to be set level and to grade on a 6" base of 3/4" crushed rock, on a sub-base compacted to 90% , and inspected before setting.
8. Minimum clearance in front of vault is 8'. Side and back min. clearance is 2' from noncombustable surface and 3' from combustible surfaces.
9. If conduits are not installed in precast conduit terminators, grout conduit end bells flush with knockout wall. Grout to extend a min. of 15" on conduits and 3" thick around conduits.

RIVERSIDE PUBLIC UTILITIES DEPT.-UNDERGROUND STRUCTURES



Don Campbell 12/30/82
APPROVED-ELECTRIC SYSTEMS MANAGER