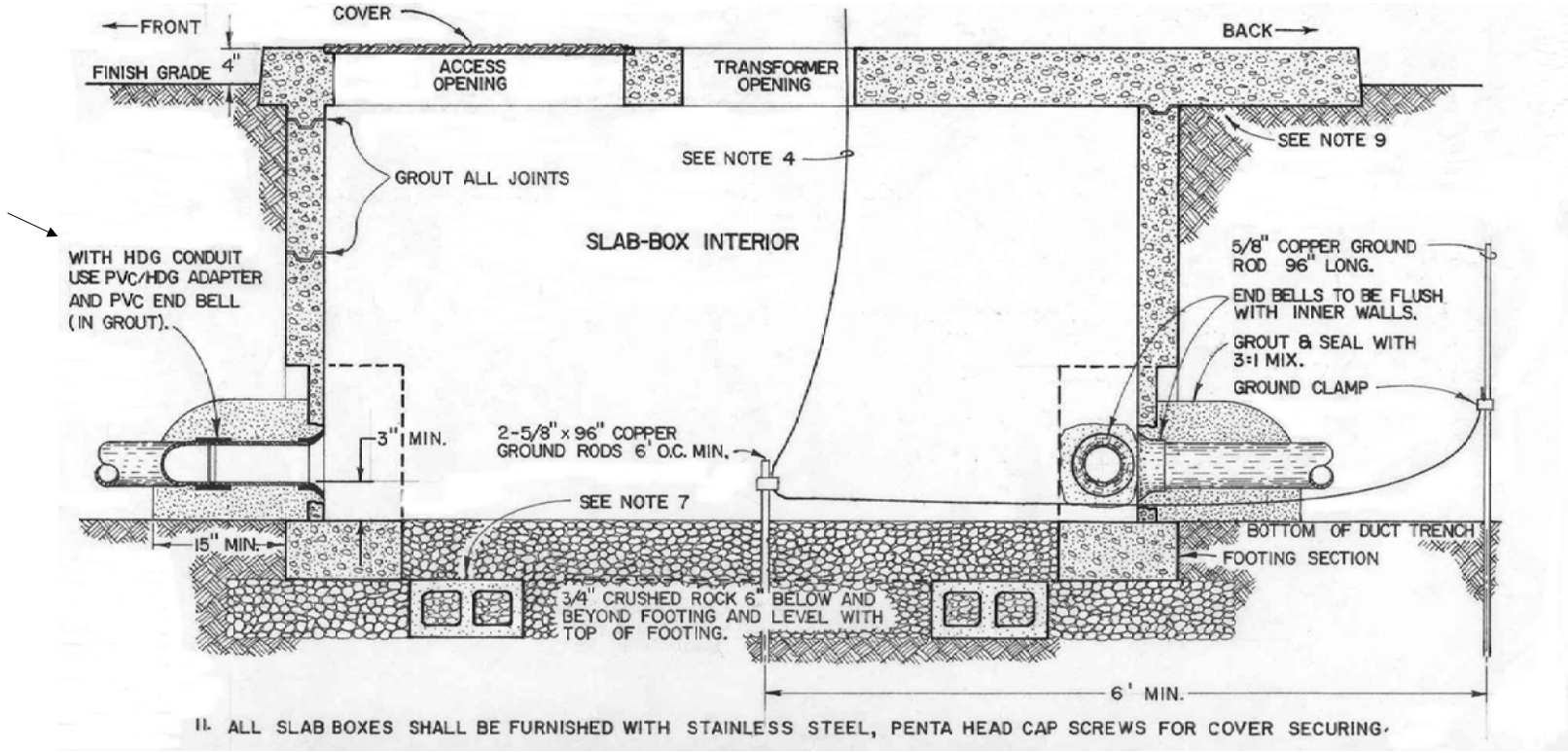
APPROVAL: *Dave Redding* DATE: 5/27/04

REVISION: Combined UGS 722 & 723 into one DATE: 5/17/04 → Revision

CITY OF RIVERSIDE PUBLIC UTILITIES

SLAB-BOX INSTALLATION
(4'x7', 6' x 8', AND 8' x 10')

UGS

Notes:

1. For details and dimensions see UGS-010 and UGS-721.
2. Locate slab-box as specified on the job drawings with verification by Department Inspector.
3. Install protective barriers per UGS-290 or protective wall per UGS-291 if slab-box is exposed to vehicular traffic. A protective wall may also be required to protect slab-box from embankments.
4. Ground wire to be 4/0 bare copper and extend 3' above slab. If ground rods cannot be installed because of rocky ground, install 60' of bare copper wire in bottom of trench, wire size to be 4/0 for SB-3 & 4.
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. (6) 6" x 6" concrete blocks, set on the sides, 2 on each side and 1 at each end, so placed as to support the slab-box. The blocks to be set level and to grade on a base compacted to 90 % and inspected before setting slab-box.
8. After setting and prior to transformers installation seal slab-box openings with 3/4" plywood or 3/16" steel plate.
9. Minimum clearance in front of slab-box is 8'0. The minimum side and back clearance is 2' from non-combustible surfaces and 3' from combustible surfaces.
10. All slab boxes shall be furnished with stainless steel, penta head cap screws for cover securing.