



NOTES:

1. The transformer base **MUST** extend 12" beyond the transformer pad in all directions and be 6" deep. The base shall also be **ELEVATED A MINIMUM OF 6" ABOVE** final grade. Total base area including trench line, and any additional disturbed soil shall be compacted to 95% of the density of the surrounding undisturbed soil.
2. MAXIMUM 3:1 side slope from the top of the transformer base to the surrounding grade.
3. Transformer pad window shall face and be parallel to all streets unless notified otherwise by KPUB personnel.
4. Each stage of transformer base construction shall be inspected by KPUB personnel. Any stage of this installation not inspected shall be subject to **TOTAL RECONSTRUCTION**.
5. $\frac{5}{8}$ "x8' ground rod shall be installed prior or during the installation of the conduits as to avoid piercing the conduits. Top of ground rod shall be 6" below the top of the pad.
6. Install #2 solid copper ground wire, connect with ground clamp to rod, and leave 36" inside window.
7. Flood seals will be required at the termination points of the conduits. Thomas&Betts Cat. No. 3135 Conduit Cap 3". Spare conduit require a conduit cap instead.
8. Raceway shall be SCHD 40 and all sweeps shall be SCHD 80.

Construction Standard

	Kerrville Public Utility Board	SINGLE-PHASE TRANSFORMER PAD DETAIL	Drawn By	Approved	Date
			JHW	MW/LL	05/31/24
			Scale	Drawing	Sheet
			NTS	1	1