



**NOTES:**

1. Maintain two feet minimum spacing around sides and back of transformer from the transformer to any wall, building structure, etc. No windows of any building shall be located adjacent to transformer pad or within three feet of each side of the transformer pad.
2. Maintain twelve feet minimum spacing in front of transformer.
3. All conduits for primary voltage cables will be schedule 40 PVC electrical conduit. All 90° bends will have minimum radius of 36". All conduit ends will have end bells.
4. Concrete will be 4000 PSI.
5. Contractor and/or owner will coordinate with URE to determine location of transformer pad, meter cabinet, and C.T./P.T. cabinet.
6. Contractor and/or owner will notify URE, prior to pouring concrete, to schedule an inspection of the pad construction, rebar installation, grounding installation, etc.
7. Grounding rods will be supplied and installed by contractor, and will be 5/8" x 8' copperweld.
8. Grounding conductor will be supplied and installed by contractor and will be #2/0 bare copper.
9. Current transformer (C.T./) potential transformer (P.T.) cabinet will be supplied and installed by contractor. Cabinet to be 36" x 30" x 12", weatherproof.
10. Current transformers, potential transformers and meter base will be supplied by URE and installed by contractor.
11. URE will install transformer on the concrete pad. Contractor will install all low voltage wires and cables. URE will terminate the low voltage wires at the transformer.
12. Contractor will install conduits and wires for metering. URE will make the meter wiring terminations at the current transformers, potential transformers and meter base.



**THREE PHASE TRANSFORMER PAD**

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