

**Notes:**

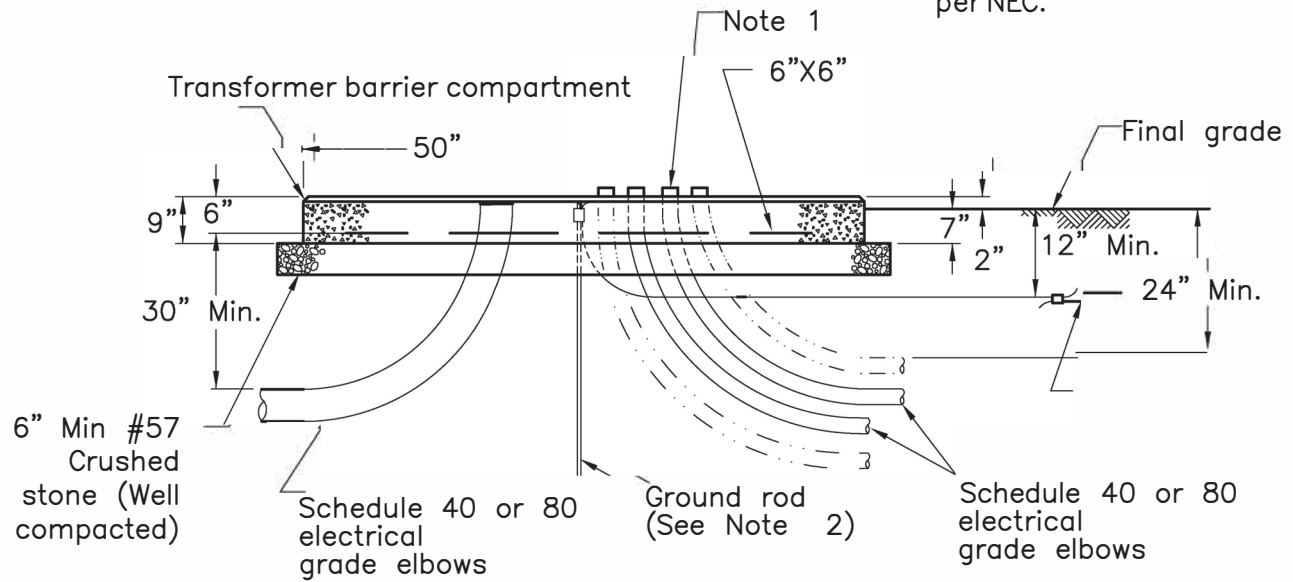
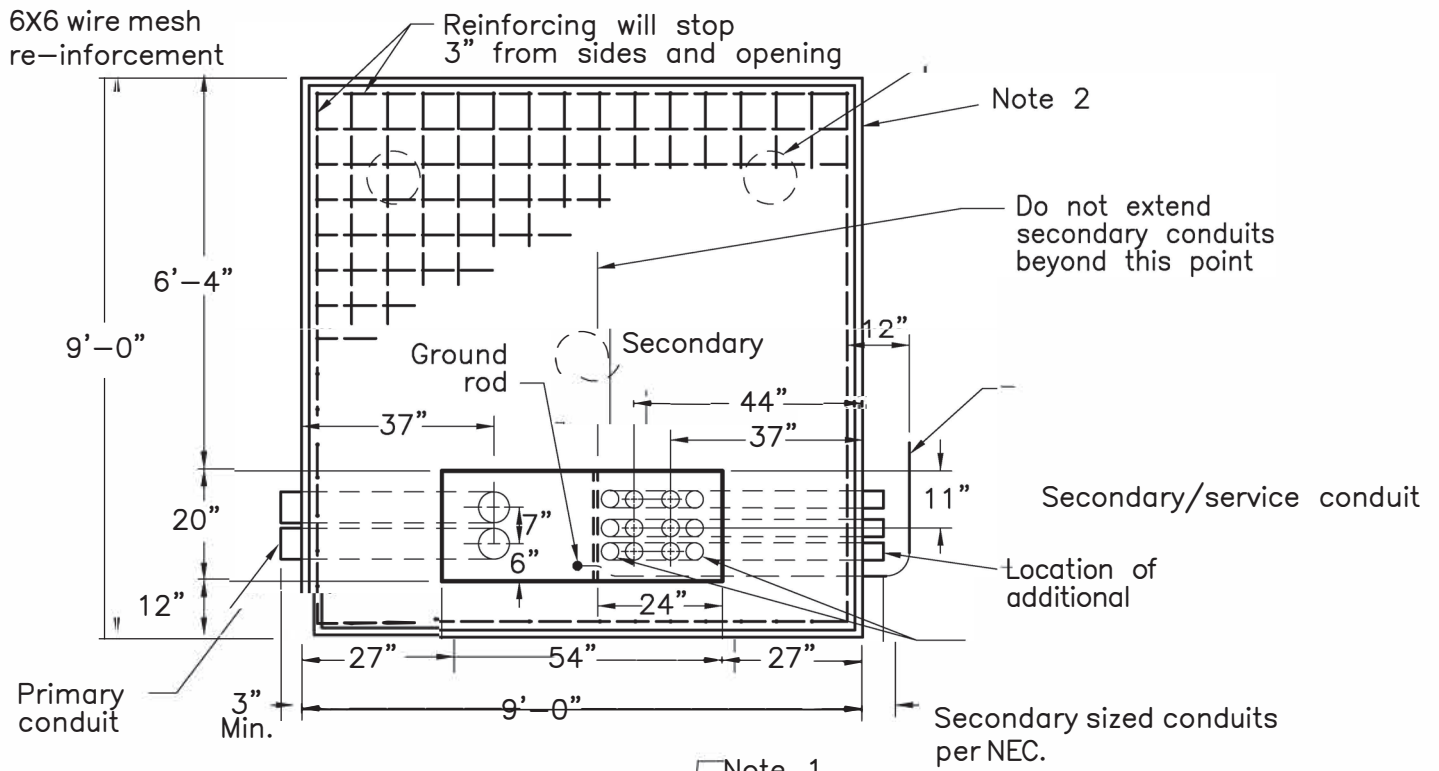
1. Developer shall contact MEC before excavating to determine the location and orientation of the box pad. MEC shall specify a 15" or a 32" deep fiberglass box pad foundation. This pad is to be purchased from MEC in Aid-to- construction.
2. Developer shall notify the state One-Call agency 3 days before construction.
3. Install box pad foundation on six (6) inches of leveled and tamped soil. Backfill after foundation is installed with native soil containing no large rocks (greater than two inches), sharp rocks, or other debris.
4. Cut off the conduit elbows SIX (6) inches above the compacted base. Install 1/4-inch unbroken nylon or polypropylene pulling rope in each conduit.
5. MEC shall furnish and install one 5/8" x 8' ground rod driven at least 7'6" into the ground in the front-center of the box pad opening as shown.
6. Primary conduit supplied by the customer of min 2.5". Second conduit supplied by MEC of SDR 13.5 roll pipe. ~~Of @conduit to be capped inside base with min 6" above compacted grade.~~  
T O O S [ ^ • P U V A e ] , A a ^ S o A i ' A i a e A } a ^ & i E A  
Service conduit to be sized per NEC. MEC does not recommend direct buried • A & } a a ^ A conductor.



**Typical Single-Phase Box Pad  
Foundation Installation  
(1 $\phi$  Transformer or 1 $\phi$  Junction)**

**MEC**

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**Notes:**

1. Secondary conduits should not extend more than 2 inches above the top of foundation. Primary conduits should be cut off 2 inches below the top of foundation to allow for terminating the cables.
2. MEC shall furnish and install one 5/8-inch diameter x 8-foot ground rod, grounding connections.
3. See URD Bulletin B-1 for clearance from building wall or other parts of building.

**Three-Phase Concrete Flat-Pad Foundation  
Pad-Mounted Transformer 500 to 2500 kVA,**

**MEC**

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