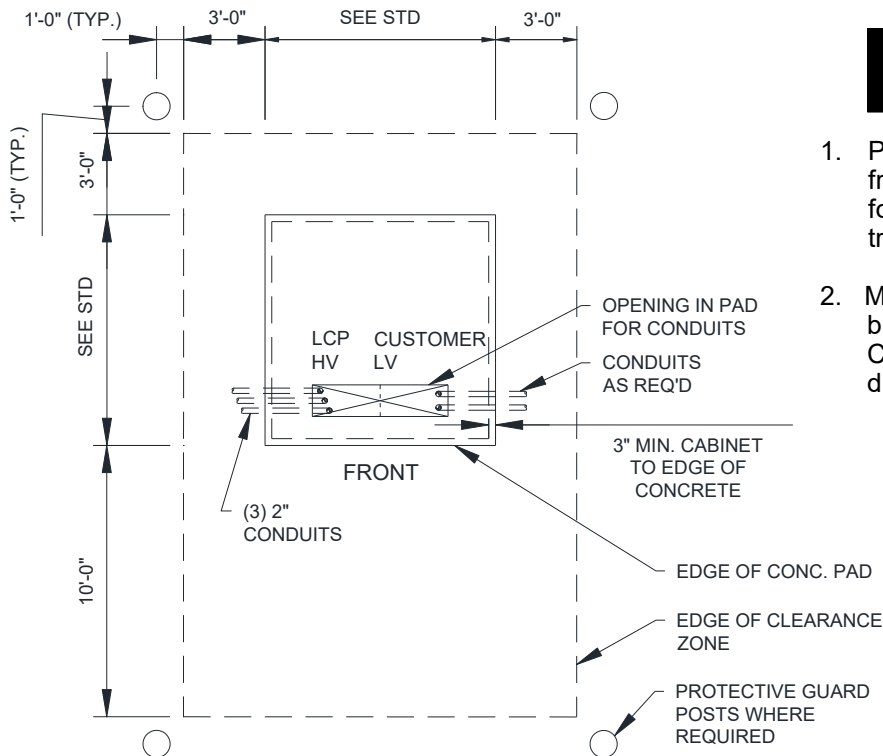


# 3Ø Transformer Concrete Pad Specifications Up to 1000kVA (Page 1)



## Clearance Notes:

1. Provide a minimum clearance of 10'-0" in front and 3'-0" on the sides and rear of pad for operation and maintenance of transformer.
2. Maintain a minimum distance of 25 feet from building overhangs and fire escapes. Contact a new service representative for direction if these clearances cannot be met.

## General Notes

1. Excavate below foundation bottom to depth indicated. Compact subgrade and clean sand fill to 95% modified proctor density.
2. All fill shall be placed in loose lifts of 4" or less to achieve the specified density.
3. Concrete shall be detailed, placed, and finished in accordance with ACI 318 and ACI 301.
4. All cast in place concrete shall develop 4500 P.S.I. compressive strength at 28 days. 3/4" Aggregate, 6% ±1.5% AIR, 0.45 max w/c ratio, type I cement.
5. Provide plastic protected bar supports to position reinforcing bars in reinforced concrete.
6. Prior to placing concrete, all reinforcing steel shall be free of rust, scale, or any foreign material.
7. All reinforcing shall conform to ASTM A615 GR60 deformed bars.
8. Concrete shall be thoroughly consolidated by mechanical vibration applied internally. Vibrators shall be operated at a frequency of not less than 4500 impulses per minute.
9. All exposed edges shall be chamfered 3/4".
10. Finish concrete to a light broom finish. Apply purchaser approved cure and seal product.
11. Follow applicable recommendations of the latest editions of ACI 305R and 306R for hot or cold weather concreting, respectively.
12. Design assumes native soils are suitable for foundation construction. Questionable soils shall be brought to the attention of the engineer.
13. Confirm pad dimensions and opening sizes with actual transformer being installed.

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