

BASE: TYPICAL CORNER VIEW

1 | SINGLE LINE DIAGRAM

TRANSFORMER PAD DETAIL NOTES

ACCESS DOORS ARE LOCATED. THE CONCRETE BASE SHALL BE SET ON A SUITABLE GRAVEL BASE AND LOCATED SO THE FRONT IS ACCESSIBLE BY TRUCK AND SUITABLY PROTECTED FROM PLOW AND TRAFFIC DAMAGE.

AWAY FROM THE PAD.

3. PROVIDE 8" X 12" CABLE HOLES (BOND OUTS) 8" UP FROM THE WALL BASE. LOCATE ONE CABLE HOLE PER WALL, OR AS REQUIRED. LINE UP CABLE HOLES WITH TRENCHES.

4. PROVIDE A 3/4" X 96" GALVANIZED GROUND ROD SIX INCHES IN FRONT OF THE LEFT FRONT CORNER OF THE PAD. THE TOP OF THE GROUND ROD SHALL BE 6" BELOW FINAL GRADE.

5. A GROUND WIRE SHALL BE INSTALLED FROM
THE GROUND ROD THROUGH THE CABLE HOLE
AT THE BOTTOM OF THE PAD. ENOUGH GROUND
WIRE SHALL BE PROVIDED SO THAT IT CAN BE
INSTALLED THROUGH THE TWO GROUNDING LUGS
AND CONNECTED TO THE NEUTRAL SPADE.

6. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI @ 28 DAYS. FOR CAST-IN-PLACE, EARLY HIGH STRENGTH MAY BE USED WITH A MINIMUM OF SEVEN DAY CURE TIME.

8. FOR PRECAST UNITS: THE PRECAST SUPPLIER SHALL PROVIDE LIFTING LUGS IN THE SLAB (PAD) AND BASE; THE PRECAST SUPPLIER SHALL ASSEMBLE THE SLAB TO THE BASE PRIOR TO SHIPPING TO THE SITE TO ENSURE THAT THE SLAB AND BASE FIT PROPERLY (WITH NO ROCKING OF THE SLAB EVIDENT).

9. USE A 24" X 24" X 1/4" GALVANIZED STEEL PLATE TO COVER A PORTION OF THE CABLE HOLE WHEN THE TRANSFORMER DOES NOT COMPLETELY COVER IT. CUT THE STEEL PLATE TO FIT, IF NECESSARY.

- A. 9 #5 REBAR EVENLY SPACED EACH WAY
- B. 2 #4 CORNER DIAGONAL REBAR 2'- 0" LONG TOP AND BOTTOM.
- C. 4" X 4" X 1/2" ANGLE 6" LONG WITH (2) 3/4" DIAMETER EXPANSION ANCHORS TYPICAL AT 4 PLACES (TWO PIECE PRECAST ONLY).
- D. CHAMFER TYPICAL.

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- E. 2" CONCRETE COVER OVER TOP REBAR. F. 3" CONCRETE COVER OVER BOTTOM REBAR.
- G. #5 L-BAR @ 12" (CAST-IN-PLACE ONLY). H. 24" X 24" X 1/4" GALVANIZED STEEL PLATE.
- 5/C #62-1795
- I. 6 X 6 WWM @ CENTER OF COVER.
- J. #5 REBAR ON 12" CENTERS.
- PULLING EYE INSERT, FOR USE WITH 3/4" NATIONAL COURSE THREAD EYE-BOLT, (RICHMOND LCB-1 OR EQUIVALENT) LOCATED OPPOSITE EACH CABLE HOLE AND
- 2' (TWO FEET) FROM BOTTOM. L. ALL REBAR ENDS TO BE COVERED BY 1" OF CONCRETE, MINIMUM.

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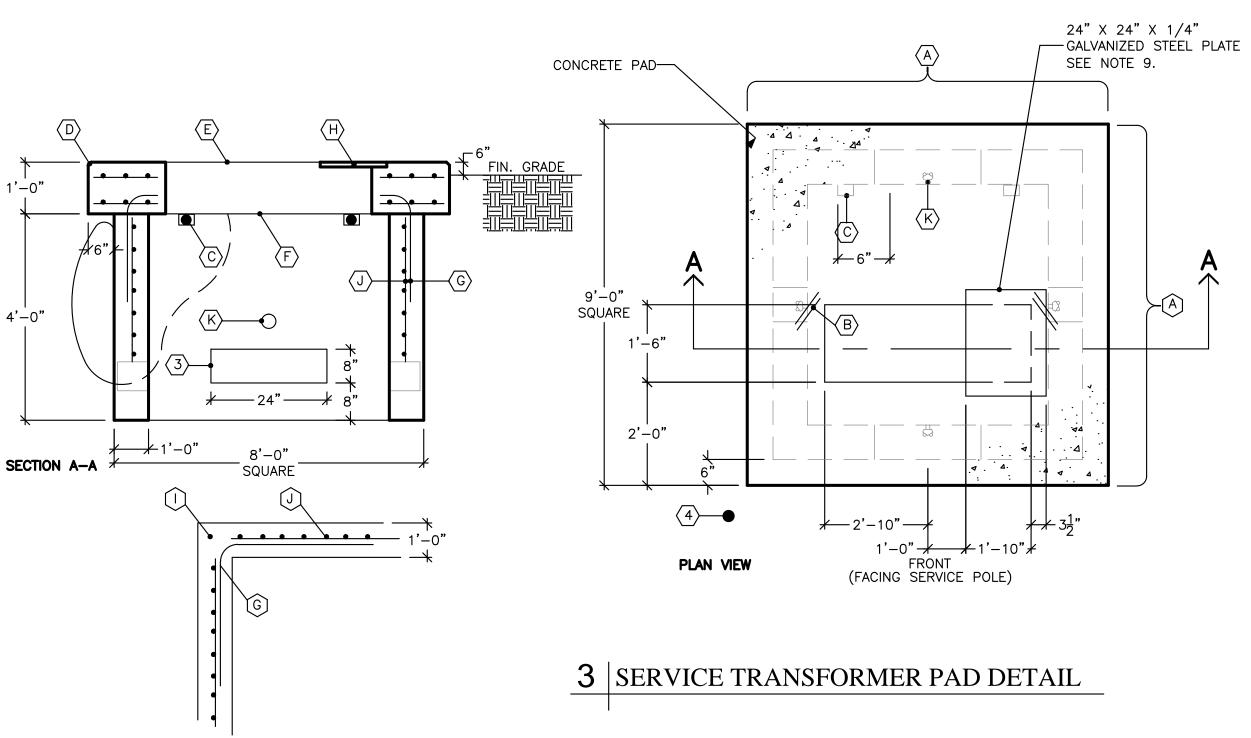
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1. "FRONT" DENOTES THE SIDE ON WHICH THE

2. FINISH GRADE SHALL BE GRADED IN SUCH A MANOR TO ALLOW SURFACE WATER TO FLOW

7. REINFORCING STEEL SHALL HAVE FY = 60 KSI.

LAWRENCE BARTLETT No. 7928 Laureur Dart lett 2/15/16

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