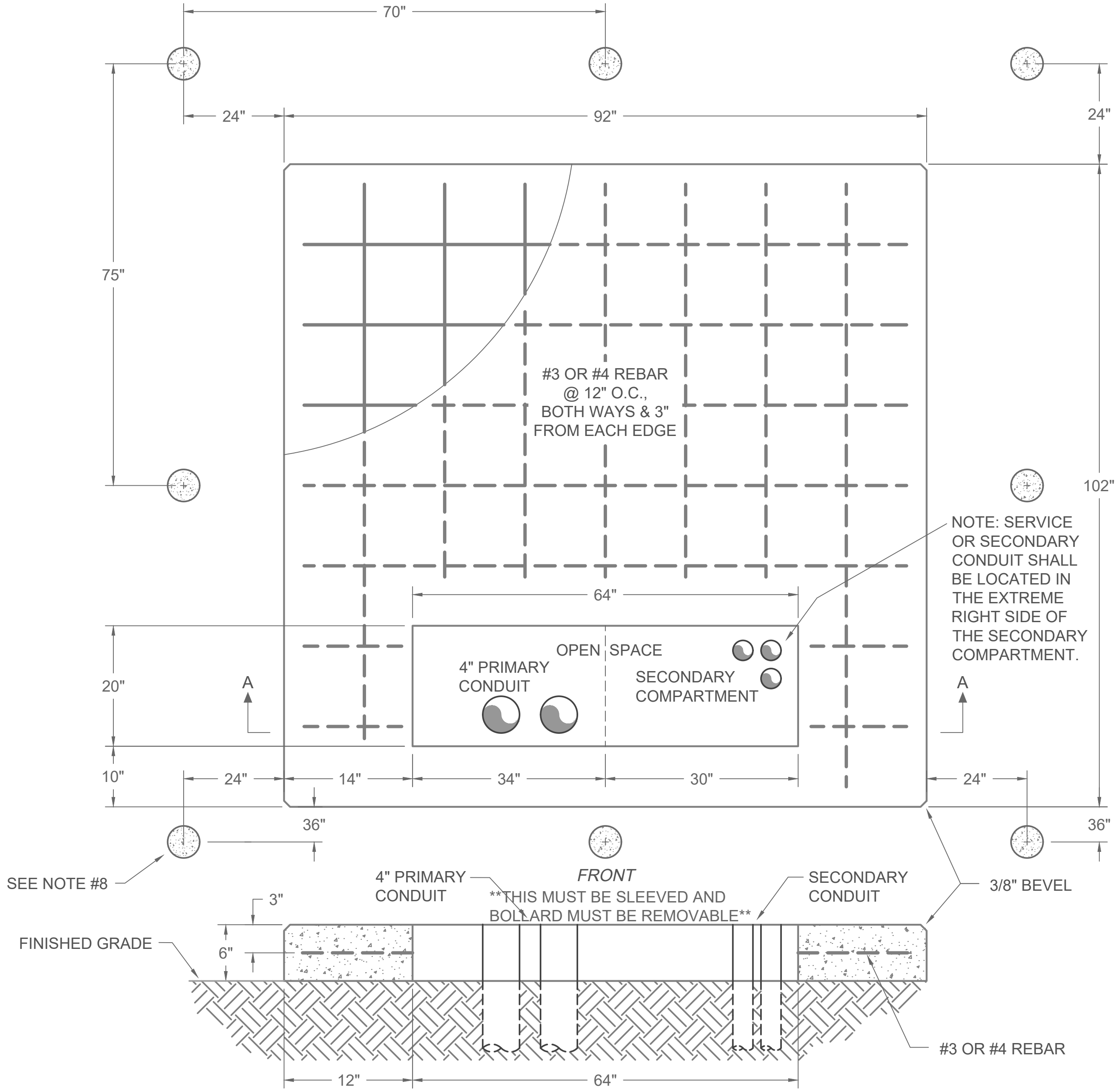

SECTION A-A

CONSTRUCTION NOTES

1. TRANSFORMER PAD LOCATION SHALL BE WITHIN 10' FEET OF HARD SURFACE (GRAVEL, PAVEMENT, CONCRETE, ETC.) ACCESSIBLE BY AN ELECTRIC LINE TRUCK. THE CLEARANCE BETWEEN TRANSFORMER PAD AND ANY LANDSCAPING SHOULD BE MAINTAINED AT 3' MINIMUM FROM SIDES AND BACK, AND 10' MINIMUM FROM FRONT OF THE PAD/TRANSFORMER. CLEARANCE FROM BUILDING WALL SHALL BE MAINTAINED AT 3' MINIMUM FROM THE SIDES AND BACK OF THE TRANSFORMER AND 10' MINIMUM FROM THE FRONT OF THE PAD/TRANSFORMER. THE PAD/TRANSFORMER SHALL BE LOCATED 10' MINIMUM FROM ENTRY/EXIT DOORS AND MAINTAIN A 10' CLEARANCE FROM OUTDOOR SEATING AREAS.
2. SOIL UNDERNEATH PADS SHALL BE FREE OF ROOTS AND OTHER ORGANIC MATERIALS AND BE THOROUGHLY TAMPED TO PREVENT WASHING. EXERCISE CARE IN BACKFILLING AND GRADING AROUND PAD.
3. RECOMMENDATION: REINFORCE WITH #3 OR #4 REBAR ON A 12"x12" GRID TIED SECURELY 3" ABOVE BASE ON CLEAN CONCRETE OR BRICK SUPPORTS. END OF REBAR TO BE 3" FROM OUTSIDE EDGE OF PAD.
4. CONCRETE PAD SHALL BE 6" THICK. CONCRETE TO BE 5-1/2% AIR-ENTRAINED WITH A MINIMUM OF 28 DAY STRENGTH OF 5000 PSI.
5. TOP SURFACE TO BE LEVEL, SMOOTH AND BEVELED APPROXIMATELY 3/8".
6. SERVICE OR SECONDARY CONDUIT SHALL BE LOCATED IN THE EXTREME RIGHT SIDE OF THE SECONDARY COMPARTMENT.
7. SOME OLDER MODEL TRANSFORMERS MAY HAVE SMALLER COMPARTMENTS AND IT MAY BE NECESSARY TO GROUT A SMALL PORTION OF THE PAD OPENING.
8. IF LOCATED IN AN AREA SUBJECTED TO VEHICULAR TRAFFIC, THE TRANSFORMER SHALL BE PROTECTED ONLY ON SIDES EXPOSED TO VEHICLES BY POSTS AS SHOWN. MINIMUM 4" CONDUIT, CONCRETE FILLED, EMBEDDED 18" DEEP IN CONCRETE, EXTENDING 36" ABOVE FINISHED GRADE.
9. CONDUCTOR CONDUITS SHOULD BE FLUSH WITH TOP SURFACE OF PAD.
10. EXCEPTIONS TO THE ABOVE FOR UNUSUAL CONDITIONS MUST HAVE PRIOR APPROVAL FROM CITY OF CONCORD ELECTRIC SYSTEMS DEPARTMENT.

Concord NORTH CAROLINA Electric Systems

TRANSFORMER PAD 45 TO 2500 KVA

Designed By:	
Drawn By: J. Furr	
Checked By: F. Porter	
Revision Date:	12/2/24
Sheet: 1	Of: 1

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