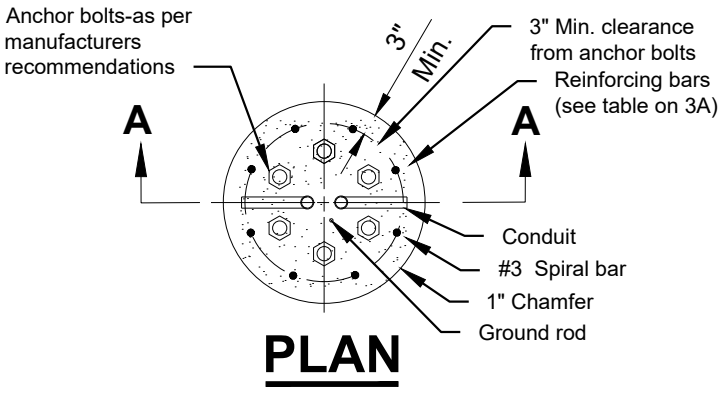
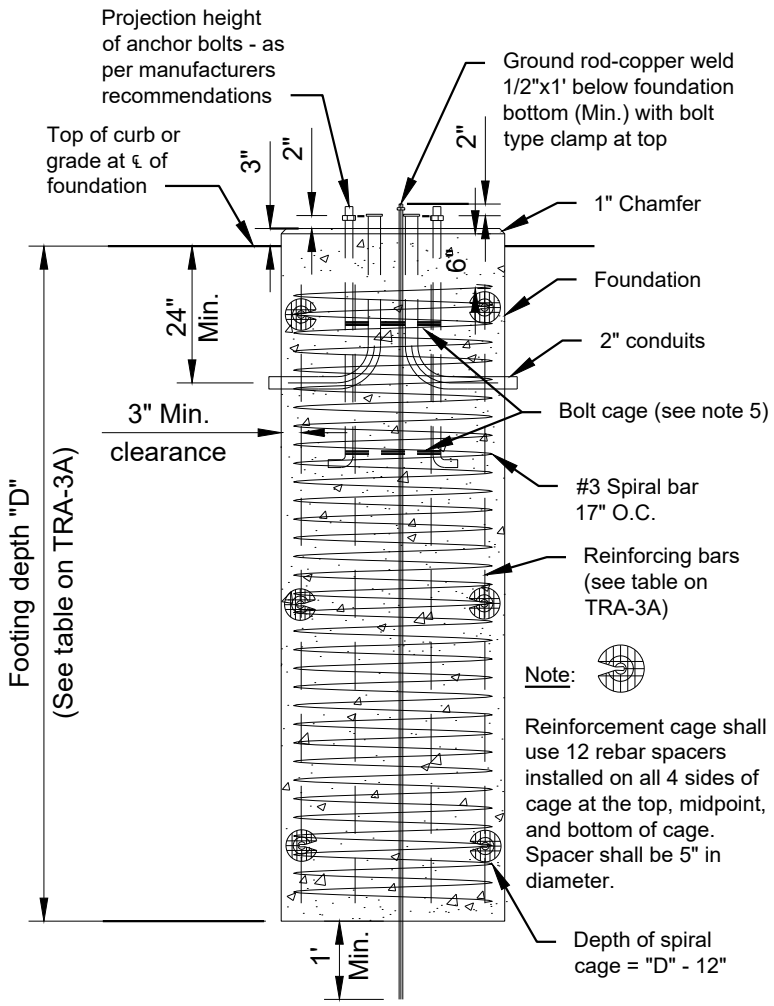
Notes:

1. See plans for correct location of foundation. The grade and exact location shall be established by the Engineer in the field.
2. Concrete used in the work shall be class AE Portland cement concrete mixed and proportioned as specified in section 802.
3. All reinforcing steel shall be grade 40 or 60.
4. See plans for conduit size, number of bends, and correct positioning for each foundation.
5. The foundation shall provide a minimum of 3" of concrete cover from the anchor bolts to the rebar cage and a minimum of 3" of concrete cover over the rebar cage to the outside of the foundation. The diameter of the foundation shall be increased to accommodate a larger bolt circle.
6. An anchor bolt cage shall be shop fabricated from #6 bar circle or ¾" square stock or approved equal welded to the inside of the anchor bolt to hold alignment.
7. Ground rod shall be placed prior to concrete placement. The rod shall project 4" above the finished foundation and shall extend at least 12" below the foundation bottom.
8. Conduit bends shall be 90°. Conduit shall be located 24" minimum below ground level. A spare 2" conduit shall be installed in each foundation with both ends plugged as per spare conduit specification.
9. The top of the foundation shall be circular. If approved by the Engineer a square casing may be used. Prior to final grading or sidewalk placement the casing tubes shall be removed to a point 6" below grade.



PLAN



SECTION A-A

City Plate No.:	TRA-3B
Last Revision:	7/29/2019
File:	TRA-3B.dwg

STANDARD DETAILS
TRAFFIC SIGNAL FOUNDATION 30/36/42 INCH DIAMETER

City of Minot
Engineering Department

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