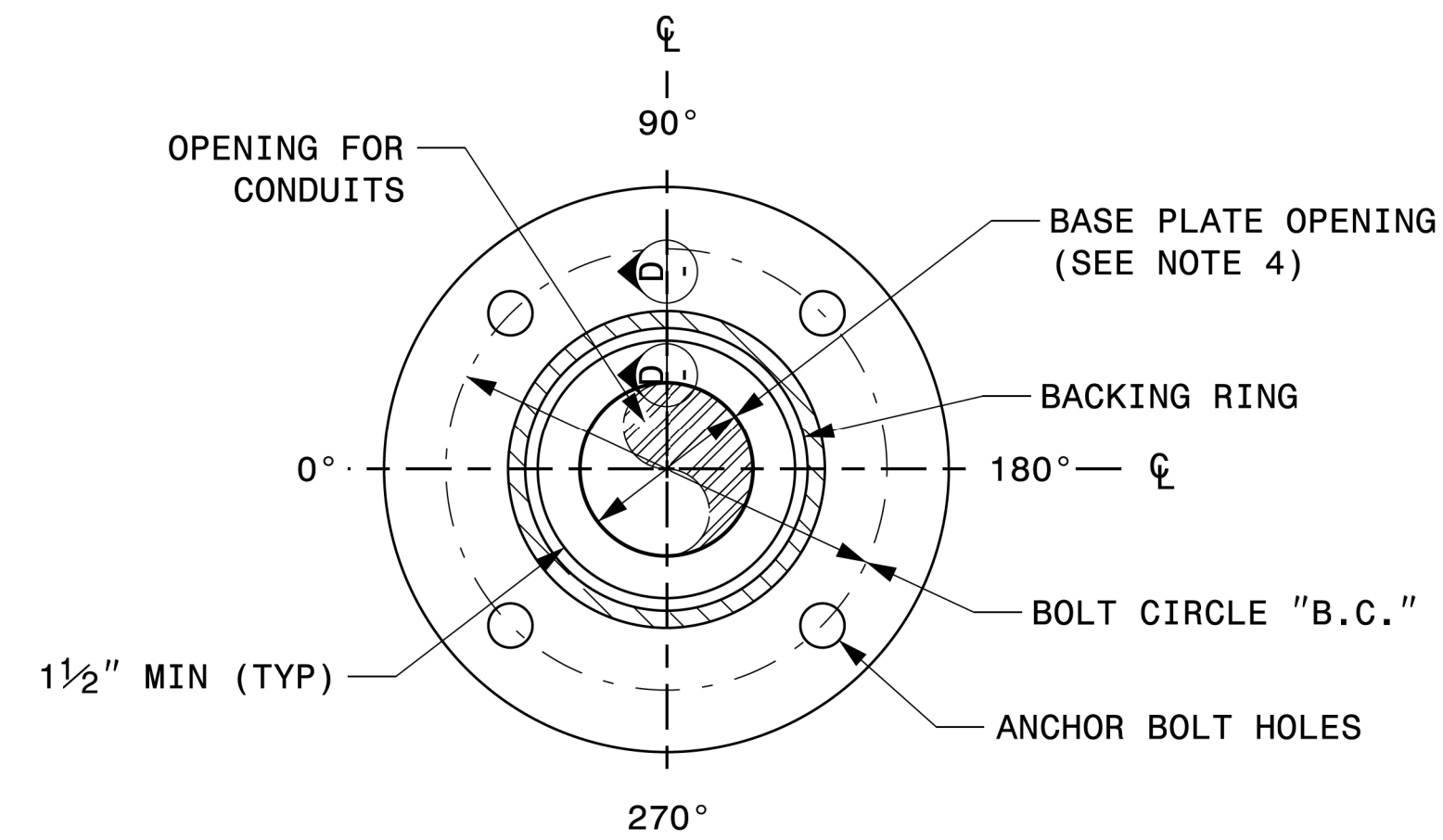


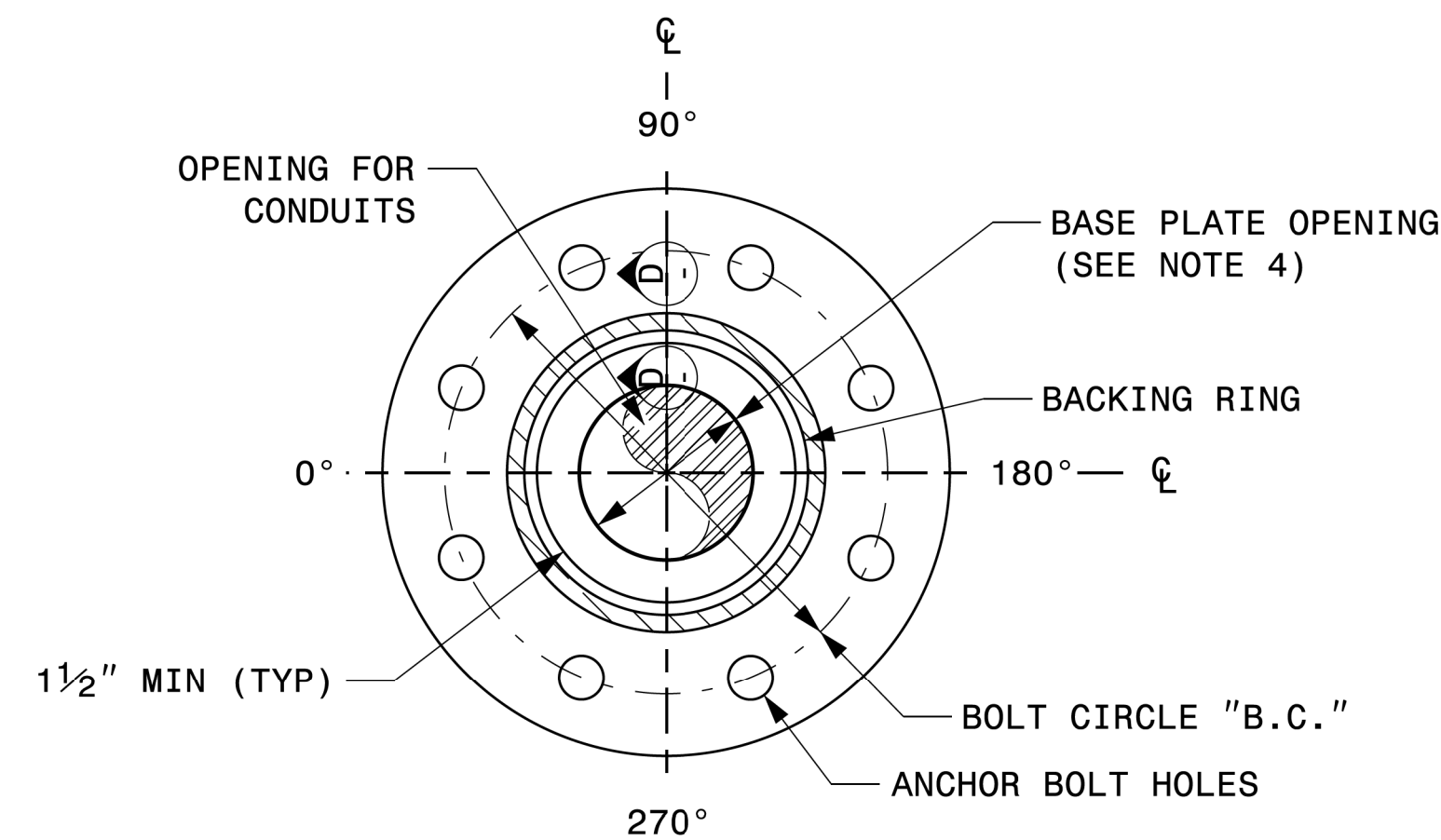
5'-0" MIN

2" HALF COUPLING
WITH INTERNAL THREADS
(SEE DRAWING M3)

4"x8" REINFORCED
HANDHOLE



4 BOLT PATTERN
FOR POLES UP TO 40'



8 BOLT PATTERN
FOR POLES TALLER THAN 40'

Diagram illustrating the elevation view of a vertical shaft assembly. The shaft is shown with a terminal compartment (SEE NOTE 3) and an anchor bolt (SEE STANDARD DRAWING M2). The shaft diameter is indicated as SHAFT I.D. TAG (SEE STANDARD DRAWING M2). The terminal compartment is located 1'-0" (TYP) from the top of the shaft. The anchor bolt is located 4'-6" from the top of the shaft.

Technical drawing showing a cross-section of a vertical pipe penetration through a base plate. The drawing includes the following labels and dimensions:

- T = WALL THICKNESS**: Dimension for the wall thickness of the pipe.
- SILICONE CAULKING**: Label pointing to the sealant applied around the pipe.
- BACKING RING**: Label pointing to the ring supporting the pipe from below.
- $\frac{3}{8}"$ (MAX)**: Dimension for the thickness of the backing ring.
- FULL PEN. WELD**: Label pointing to the weld joint between the pipe and the base plate.
- 45°**: Angle dimension for the weld joint.
- T**: Dimension for the wall thickness of the pipe (repeated).
- $\frac{1}{4}"$** : Dimension for the thickness of the base plate.
- R = $.44" + T$** : Dimension for the radius of the fillet weld.
- BASE PLATE**: Label pointing to the base plate.
- OPENING FOR CONDUITS**: Label pointing to the opening in the base plate.
- $1\frac{1}{2}"$ MIN (TYP)**: Dimension for the minimum distance between the opening for conduits and the pipe penetration.

1. THIS DRAWING PROVIDES BASIC DETAILS FOR CCTV POLES. PROJECT REQUIREMENTS MAY REQUIRE SPECIAL FACTORY PREPS THAT ARE NOT SHOWN ON THESE DETAILS.
2. DETAILS FOR INTERNAL CAMERA LOWERING SYSTEMS ARE NOT SHOWN.
3. POLE MOUNTED CABINETS MAY REQUIRE MODIFICATIONS TO THE LOWER HANDHOLE OPENING TO MOUNT CABINETS. 4" X 8" REINFORCED HANDHOLES ARE ACCEPTABLE OPTIONS, AND MAY BE PREFERRED.
4. OPENING IN POLE BASE SHALL BE EQUAL TO POLE BASE INSIDE DIAMETER MINUS $3\frac{1}{2}"$ BUT SHALL NOT BE LESS THAN $8\frac{1}{2}"$.
5. USE COMPACT SECTION CRITERIA D/T RATIO PER AASHTO LTS-LRFD 1ST EDITION SECTION 5.7.2.

