

- 8" DIA. ALUMINUM SHAFT & CAST ALUMINUM ANCHOR BASE
- (4) 1"-8 x 4" LG. GALVANIZED HEX HEAD BOLTS (ASTM A449, SAE J429-GR.5)
- (4) 1" I.D. x 2" O.D. GALVANIZED FLAT WASHERS
- (4) 1 1/16" I.D. x 2 1/2" O.D. x 3/8" THK. GALVANIZED FLAT WASHERS
- (4) 1"-8 GALVANIZED HEAVY HEX NUTS
- 9 3/4" BOTTOM WIDTH x 9 1/4" TOP WIDTH CAST ALUMINUM TRANSFORMER BASE DOOR (356-T6 ALLOY) SECURED WITH (1) 1/4"-20 x 1" LG. SS SOCKET ROUND HEAD MACHINE SCREW
- (4) 1"-8 ANCHOR BOLTS (BY OTHERS)
- (4) 1"-8 HEAVY HEX NUTS (BY OTHERS)
- (4) 1 1/16" I.D. x 2 3/4" O.D. x 1/2" THK. GALVANIZED FLAT WASHERS

IMPORTANT NOTE:

TRANSFORMER BASE AND POLE TO BE LEVELLED AS ONE UNIT, USING LEVELING SHIMS IF REQUIRED

CAUTION 1985 AASHTO

BEFORE THE INSTALLATION OF THIS BASE IN SERVICE, USER SHOULD ALWAYS CONSULT WITH AUTHORIZED DISTRIBUTOR REGARDING PROPOSED APPLICATION, LOADING TO BE SUSTAINED AND INSTALLATION INSTRUCTIONS. FAILURE(S) CAN RESULT FROM MISAPPLICATION, OVERLOADING/IMPROPER LOADING OR INCORRECT INSTALLATION. TO APPROACH OPTIMUM STATIC LOADS, USE THE LARGEST POSSIBLE BOLT CIRCLES AND USE STEEL WASHER SIZES SPECIFIED BELOW:

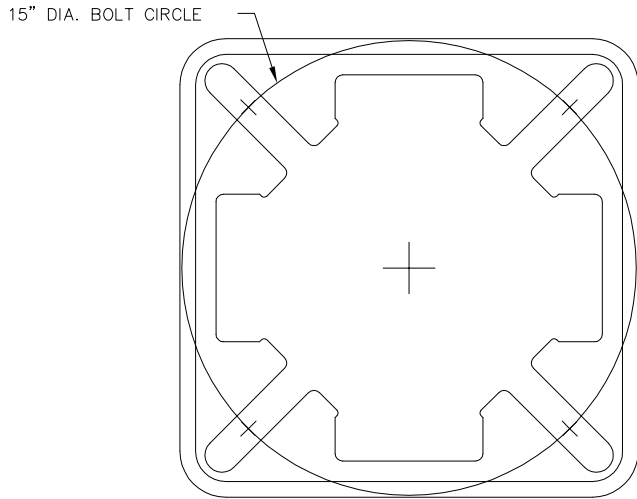
FOR 10 1/2" THRU 13 1/2" DIA. TOP BOLT CIRCLES
 USE 2 1/2" DIA. X 1 1/16" I.D. X 3/8" TK. OR
 2 3/4" DIA. X 1 1/16" OR 1 5/16" I.D. X 1/2" TK. WASHERS

FOR 13" THRU 15" DIA. BOTTOM BOLT CIRCLES
 USE 2 3/4" DIA. X 1 1/16" OR 1 5/16" I.D. X 1/2" TK. WASHERS

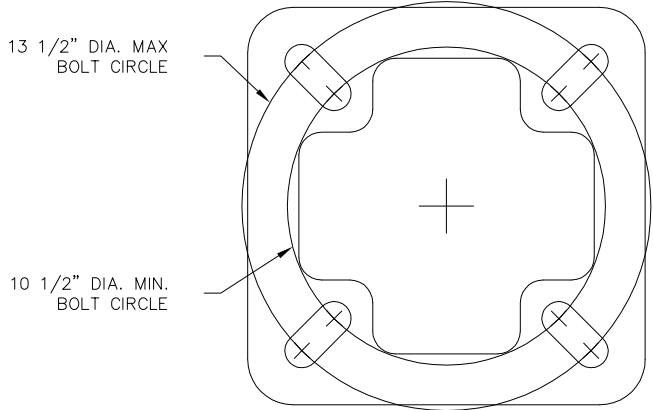
FOR ALL MOUNTINGS UNDER 13" DIA. SEE SPECIAL MOUNTING INSTRUCTIONS

FOR OPTIMUM PERFORMANCE, MOUNT TRANSFORMER BASE ON A FLAT AND LEVEL FOUNDATION SURFACE. SHIM BASE WHEN REQUIRED. IF GAPS ARE PRESENT, THOROUGHLY FILL VOIDS WITH A NON-SHRINK GROUT. TORQUE GROUND MOUNTING NUTS TO 150 FT. LBS.

BREAKAWAY BASE
 APPROVED BY F.H.W.A. TO 1985
 AASHTO REQUIREMENTS



BOTTOM BOLT CIRCLE



TOP BOLT CIRCLE

| | |
|------------------------------|-------------------------------|
| DELAWARE COUNTY ENGINEER | |
| DRAWING NO. T-BASE DETAIL | REV. DATE REV. #1 04/26/16 |

STANDARD CONSTRUCTION DRAWING
 LIGHTING T-BASE
 TB-17H
 POWDER PAINT - BLACK

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