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|---|--------------------------------------|
| Job Name: _____ | Client Name: _____ |
| Job Location - City: _____ State: _____ | Created By: _____ Date: _____ |
| Product: _____ Quote: _____ | Customer Approval: _____ Date: _____ |

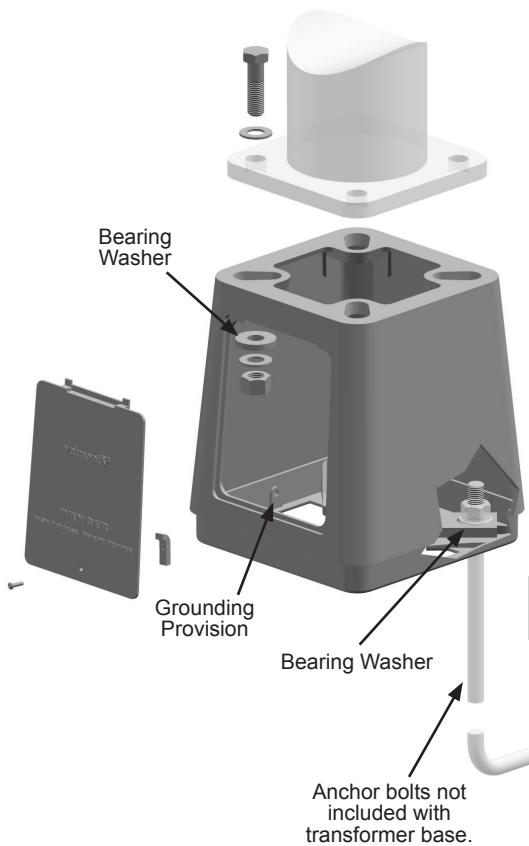
SPECIFICATIONS

Transformer Base - The aluminum transformer base is accepted by the Federal Highway Administration (FHWA) as satisfying up to the LTS-6 edition of the American Association of State Highway and Transportation Officials' (AASHTO) breakaway requirements within the range of conditions tested. This base has specific loading restriction based on full scale testing performed by Valmont per the criteria set forth in the 2009 Fifth Edition of the AASHTO Standard Specification for the Supports for Highway Signs, Luminaries and Traffic Signals. Contact Valmont for loading restrictions.

Access Door - An aluminum access door and grounding provision is provided. The door opening is 11.00" tall, 8.56" wide at the top, and 8.94" wide at the bottom. A hinged or plastic door is available upon request.

Hardware - Connecting bolts, flat washers, bearing washers, retaining lugs and hex nuts are provided per base assembly. All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

Finish - The satin finish is provided when ordering with an aluminum structure. A mill finish is provided when ordering with a steel structure. Additional finishes available upon request.

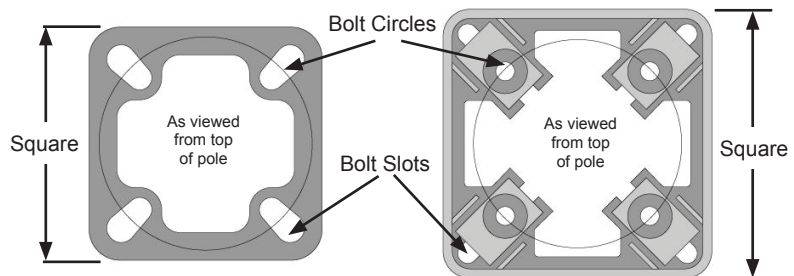


DETAILS

| TOP PLATE | | | | | BOTTOM PLATE | | | | | HEIGHT (IN) | QTY OF ACCESS DOORS | MODEL NUMBER |
|-------------|-----------|-------------------------|----------------|-------------|--------------|-----------|-------------------------|----------------|-------------|----------------|---------------------|-----------------|
| BOLT CIRCLE | | | SQUARE (IN) | THK (IN) | BOLT CIRCLE | | | SQUARE (IN) | THK (IN) | | | |
| DIA (IN) | ± (IN) | MAX BOLT DIA (IN) | | | DIA (IN) | ± (IN) | MAX BOLT DIA (IN) | | | | | |
| 12.00 | 1.50 | 1.00 | 13.12 | 0.750 | 12.75 | 2.25 | 1.25 | 14.50 | 0.625 | 17.00 | 1 | TB1-17 MODIFIED |

Top Detail

Bottom Detail



INSTALLATION INSTRUCTIONS

1. Level transformer base with shims only. DO NOT USE LEVELING NUTS.
2. To approach optimum static loads, use the largest possible bolt circles and hardware supplied with the transformer base.

PRODUCT ORDERING CODES

| MODEL NUMBER | FINISH | COLOR | OPTIONS |
|-----------------|--|---|---------|
| TB1-17 Modified | | | |
| | -- = Satin / Mill FP = Finish Paint | -- = Satin / Mill WH = White BK = Black SM = Silver Metallic SL = Silver LG = Light Gray MB = Medium Bronze CB = Bronze DB = Dark Bronze SC = Special Color (Contact Factory) | |

SPEC7534_09/15 valmontstructures.com carries the most current spec information and supersedes these guidelines.