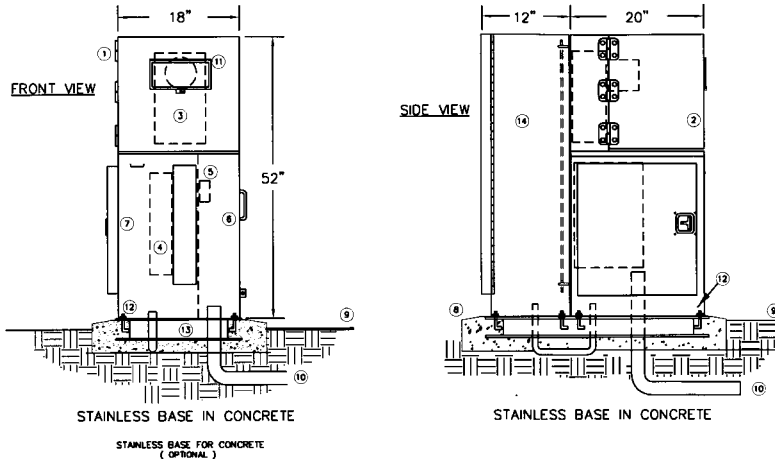


**100 Amp**

**Models: MPE-A16, MPE-B16, MPE-D18**

**INSTALLATION DETAILS**



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| <ol style="list-style-type: none"> <li>1. StrongBox metered enclosure, stainless steel, NEMA TYPE 3R— # MPE-XX-XXKAIC</li> <li>2. Hinged removable lid</li> <li>3. Meter socket with test blocks</li> <li>4. Load center</li> <li>5. Landing lugs</li> <li>6. Landing lug compartment</li> <li>7. Load center compartment</li> <li>8. Poured concrete base—6" min. thickness—extend 6" beyond</li> </ol> | <ol style="list-style-type: none"> <li>9. Finish grade</li> <li>10. Underground service</li> <li>11. Meter viewing window 2" x 4"</li> <li>12. 3/8" stainless anchor bolts</li> <li>13. Stainless mounting base in concrete</li> <li>14. SB-1852SS stainless customer enclosure</li> </ol> |
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capable load center with a removable protective panel. A stainless steel electrical backboard shall be provided for ease of wiring and grounding of electrical components.

The pedestal assembly shall be a single phase or three phase, 120V/240V or 480V rated unit. The enclosure shall be rainproof NEMA TYPE 3R and the assembly shall be UL listed for service entrance equipment.

The enclosure section shall be of a vandal and weather resistant nature manufactured entirely of stainless steel. The main housing shall be louvered upper and lower body to allow for cross flow ventilation. Filter screens shall cover all louvers to deflect against water spray, insects and dust.

A stainless steel backboard shall be provided for the purpose of mounting electronic and various other types of equipment. The backboard shall be mounted on six stainless steel bolts that will allow for removal of the backboard. The inside door area shall provide adequate storage for plans, operating instructions, and scheduling information.

The enclosure door shall have a continuous stainless steel piano hinge, carriage bolted on one side, and a three point locking mechanism on the other side. The edge of the door shall be hemmed to eliminate any sharp edges. The handle controlling the locking mechanism shall be located at the base of the door and be concealed within the surface of the door. A stainless steel cam style lock shall be mounted in the door and a provision for a padlock shall be included within the locking mechanism. The enclosure shall be manufactured with a continuous drainage channel which mates with a teardrop shaped, hollow center, watertight, thermoplastic door seal.

The above described product shall be a NEMA 3R Rainproof Enclosure as listed by Underwriter Laboratories, Inc.

**SPECIFICATIONS**

The meter pedestal shall be made entirely of stainless steel, #4 brushed finish, utilizing all welded construction providing superior vandal and weather resistance.

The top shall be a side swing style that locks out for safety. The side swing top shall fully expose the meter compartment for ease of setting the meter and access to the test blocks. The top shall be supported by 3 large all stainless steel hinges with 1/4" pins that are "lift off" style allowing the top to be completely removed. A replaceable 5" x 10", 3/16" thick Lexan viewing window shall be provided.

The meter socket test block compartment shall be equipped with a watershed drainage channel and overlapping equipment panels that ensures a watertight design. Within the top

meter compartment the meter socket test block assembly shall be installed. The top shall be completely padlockable and accept a utility seal. The utility compartment shall be located on the right side and house the landing lugs. A cover panel that can accommodate a padlock and utility seal shall be provided.

The left side of the pedestal shall house the 20" x 30" customer electrical compartment. This compartment shall be outfitted with a fully welded and hemmed stainless steel gasketed door that closes against a watershed drainage channel. The door design and all stainless steel T handle latching system shall ensure water tightness and vandal resistance.

The interior portion of this compartment shall house up to a 20 circuit