

PADMOUNTED APPARATUS BARRIER POST RESIDENTIAL AND COMMERCIAL

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2.0 PURPOSE

This Standard provides information on the placement of barrier posts for the protection of pad mounted apparatus both in residential and commercial applications.

3.0 BARRIER POST GUIDELINES

- 3.1 If padmounted apparatus is to be located in an area subject to vehicular traffic, suitable barrier posts are to be supplied and installed by the customer in accordance with this Standard.
- 3.2 Apparatus located in an area which will not ultimately be subject to vehicular traffic, but is in the path of construction equipment, requires temporary barriers complying with these Standards. **Temporary barriers must be provided by the customer until the hazard of the apparatus being struck no longer exists.**

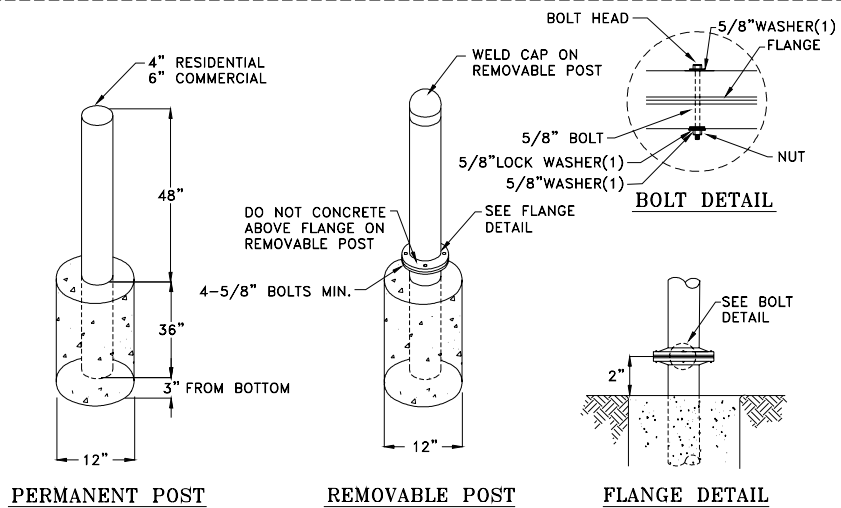
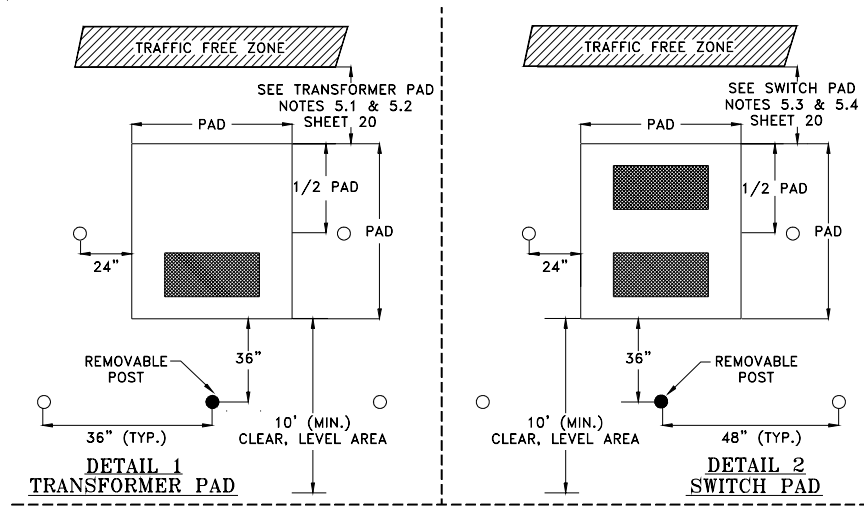
4.0 BARRIER POST INSTALLATION

- 4.1 Barrier posts will be installed a minimum of 24" away from the side of the transformer and switch pads, see Details 1 & 2, Sheet 20.
- 4.2 Barrier posts will be installed 36" away from the front and back of switch pads, see Detail 2.
- 4.3 Residential area posts will be a minimum 4" OD steel pipe (well casing), primed and painted yellow. SPPC Stock #95-0931 (permanent), #95-0932 (removable).
- 4.4 Commercial area posts will be minimum 6" OD steel pipe (well casing), primed and painted yellow. SPPC Stock #95-0930 (permanent), #95-0929 (removable).

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5.0 TRANSFORMER & SWITCH PAD REQUIREMENTS

- 5.1 If traffic free zone is a building, fence, or electrical panel, the back or side of the transformer pad shall maintain a minimum 3'-0" clearance for transformers 1000 kva or less and a 3'-6" clearance for transformers greater than 1000 kva.
- 5.2 If front of transformer pad faces a building, fence, or electrical panel, a 10'-0" clear and level area must be maintained for the safe operation of the equipment.
- 5.3 If traffic free zone is a building, fence, or electrical panel, the side of the switch pad shall maintain a minimum 3'-0" clearance.
- 5.4 If front/back of switch pad faces a building, fence, or electrical panel, a 10'-0" clear and level area must be maintained for the safe operation of the equipment.



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BARRIER POST- RESIDENTIAL
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