PROTECTIVE BARRIER FOR UNDERGROUND DISTRIBUTION STRUCTURES

PROTECTION FOR PADMOUNTED EQUIPMENT

- Barriers
- Vent or Pole
- Barrier in front of Transformer Pad / Switchgear Doors to be removable See Note 2

4'-6" Max.

2'-0" Min.

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2'-0" Min.

1" to 2" Ht. (Concrete Snow Cap)

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Barrier post to be painted High Visibility Yellow (See Note 5)

Grade

4'-0" Min.

4'-0" Min.

3'-0" Min.

3'-0" Min.

3/4" Galv. bolt

Install 5" Sch. 80 PVC Sleeve (Sleeve shall be installed plumb).

EXPECTED

- Barriers required for all above ground facilities installed in areas subject to vehicular traffic (or required by RPU Inspector).
- Barrier in proximity of door swing shall be removable to facilitate "hotstick" operation of pad mounted transformer / switchgear & convenient equipment removal.
- Adequate clearance must be provided for doors, cooling coils, etc.
- Typical installation requirements are shown. Field changes may be necessary for adequate protection of the equipment. All installations require approval by the R.P.U. Inspector.
- Barrier post (Steel Pipe) shall be painted High Visibility Yellow after R.P.U. Inspector has approved installation.
- Steel Pipe shall be filled with concrete & have snow cap formed top.

APPROVED MATERIALS
- 4" Dia. x 7'-0" Galv. Steel Pipe (1/4" Min. Wall)
- 12" x 12" x 3'-0" Reinforced (aggregate) Concrete Foundation.
- Protective Wall Per UGS-291
- Special Barriers by prior Dept. Approval.

NOTES:

PREPARED/REVISED
BY: S.J.R.

CHECKED BY (ENGINEERING): RF.

DATE: 8/14/13

CHECKED BY (FIELD): G.Y.RS.

APPROVED BY: Bobby S. Harris

PROTECTION FOR ELECTRIC METER

- 18" Face of Meter

3'

METER