



PADMOUNT EQUIPMENT SCREENING

UGS

Scope: Landscaping Around Pad-Mounted Equipment

1.0 General Information:

- 1.1 This standard provides guidelines for landscaping around pad-mounted equipment.
- 1.2 Shrubs, trees, low vegetation, grass, or fences installed by Riverside Public Utilities (RPU) customers shall be maintained by the customer owner to meet the required working clearances specified in section 2.0. Shrubs, trees, or fences that are located too close to equipment will be trimmed or removed in order to operate, inspect, and to perform maintenance on the equipment.
- 1.3 Landscape irrigation systems shall be installed clear of the required minimum clearances and shall be maintained by the customer owner. Irrigation water will cause accelerated deterioration of the equipment enclosure which can result in premature failure and service interruption. Irrigation water shall not be sprayed onto the pad-mounted equipment or the concrete pad/slab box and shall be away from the equipment maintaining minimum clearances.
- 1.4 Shrubs, trees, or fences shall not be placed over handholes or pullboxes that may be adjacent to the pad.

2.0 Clearances Between Landscape and Pad-Mounted Equipment:

- 2.1 The following clearances shall be maintained when landscaping around pad-mounted equipment or structures. Refer to figure 1 and figure 2 for details.
 - 8-foot working clearance on each door side of the pad-mounted equipment, measured either from the edge of the slab or the back of the access opening.
 - 3-foot working clearance on each non-door side of the pad-mounted equipment, measured from the edge of the pad or slab.
 - 4-foot working clearance on the sides of the pad-mounted equipment with automation and all pad-mounted multi-position switches measured from the edge of the pad or slab.
- 2.2 Refer to UGS-295 for additional information on the working clearances and structure information of various types of pad-mounted equipment. RPU reserves the right to remove any landscape encroaching on utility structures.

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3.0 Landscaping Around Pad-Mounted Equipment Using Shrubs, Trees or Fences:

- 3.1 The developer or customer owner can contact the local nursery or arborist for information on popular shrubs or trees grown in the area.
- 3.2 California State Law requires contacting Dig Alert (811) 48 hours prior to digging for marking underground utility facilities.
- 3.3 The size and spread that a shrub or tree will reach at maturity shall be considered when selecting the proper shrub or tree for landscaping. Customers should select landscaping plants whose roots, vines, and branches will not grow under or into RPU structures or equipment. Contact the local nursery or arborist for guidance.

Shrubs which can be planted near the pad-mounted equipment include, but are not limited to, the following:

- Abelia Grandiflora (Common name: Abelia)
- Acanthus Mollis (Common name: Bear's Breeches)
- Agapanthus 'Midnight Blue' (Common name: Lily of the Nile)
- Cistus Hybridus (Common name: White Rockrose)
- Cistus Purpureus (Common name: Orchid Rockrose)
- Eriophyllum Confertiflorum (Common name: Yellow Yarrow)
- Juniferus Conferta (Common name: Shore Juniper)
- Lantolina Chamaecyparissus (Common name: Lavender Cotton)
- Lavandula Augustifolia (Common name: Lavender)
- Nanadina Domestica (Common name: Heavenly Bamboo)
- Phormium Tenax (Common name: New Zealand Flax)
- Raphiolepis Indica. "Enchantress" (Common name: Indian Hawthorn)
- Rosmarium Officinalis (Common name: Rosemary)
- Salvia Greggii (Common name: Autumn Sage)

- 3.4 Fences shall not block the door side of the pad-mounted equipment. An 8-foot clearance shall be maintained of the door side of the pad-mounted equipment, measured from the edge of the concrete pad/back of access opening to the fence gate swung wide open. See figure 1 and figure 2 for details.

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Figure 1: Clearances Between Landscape and Pad-Mounted Equipment (Typical) Installed on a Concrete Pad

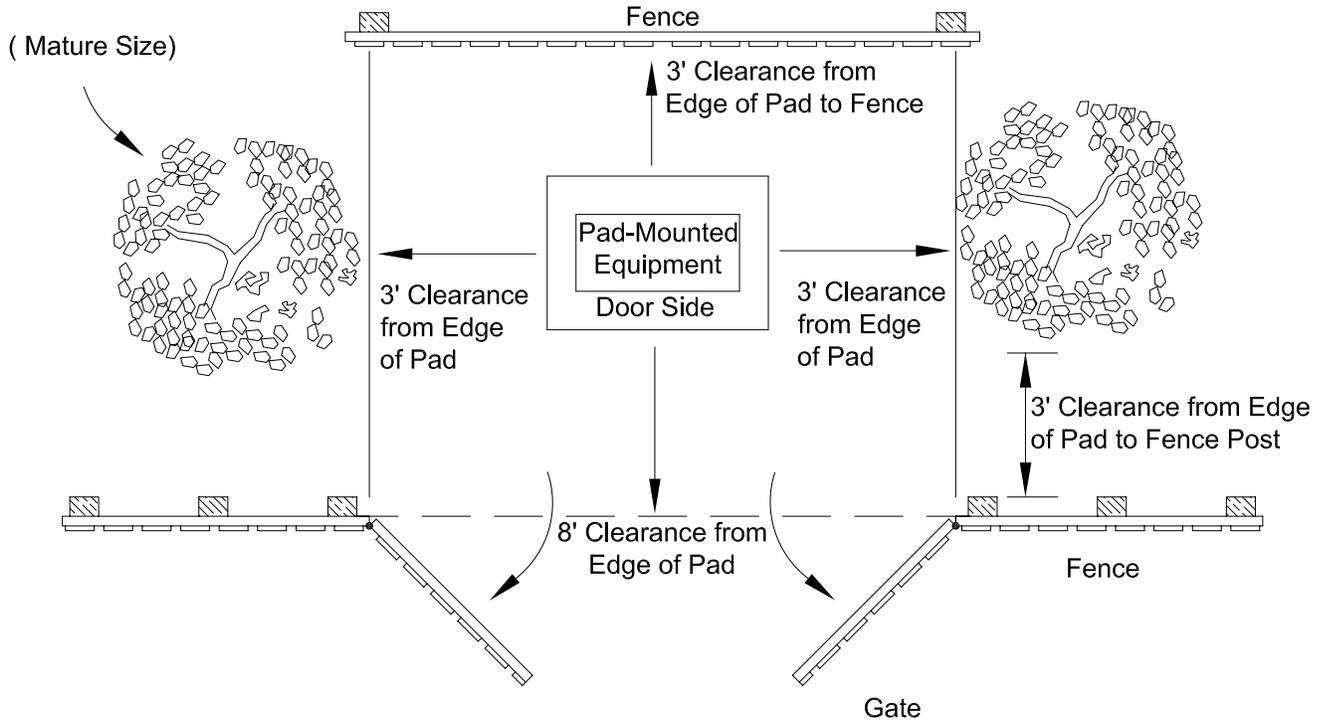
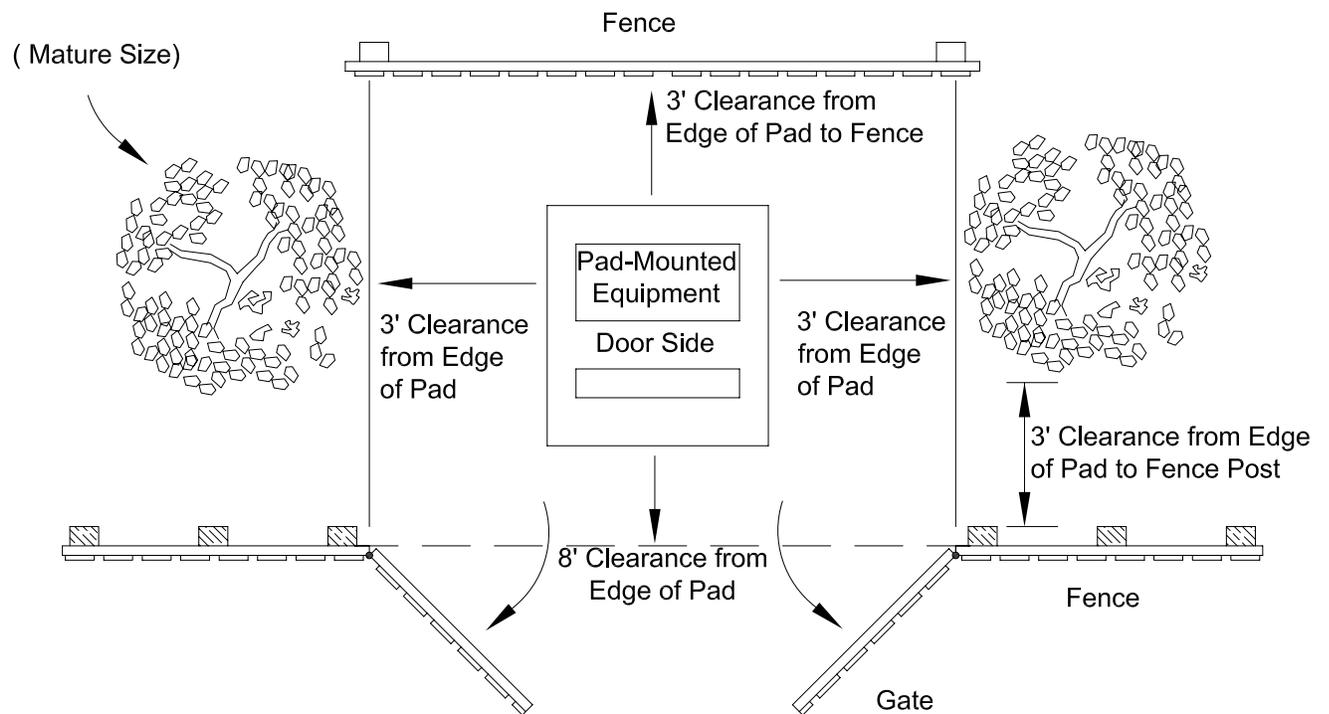


Figure 2: Clearances Between Landscape and Pad-Mounted Equipment (Typical) Installed on a Slab Box



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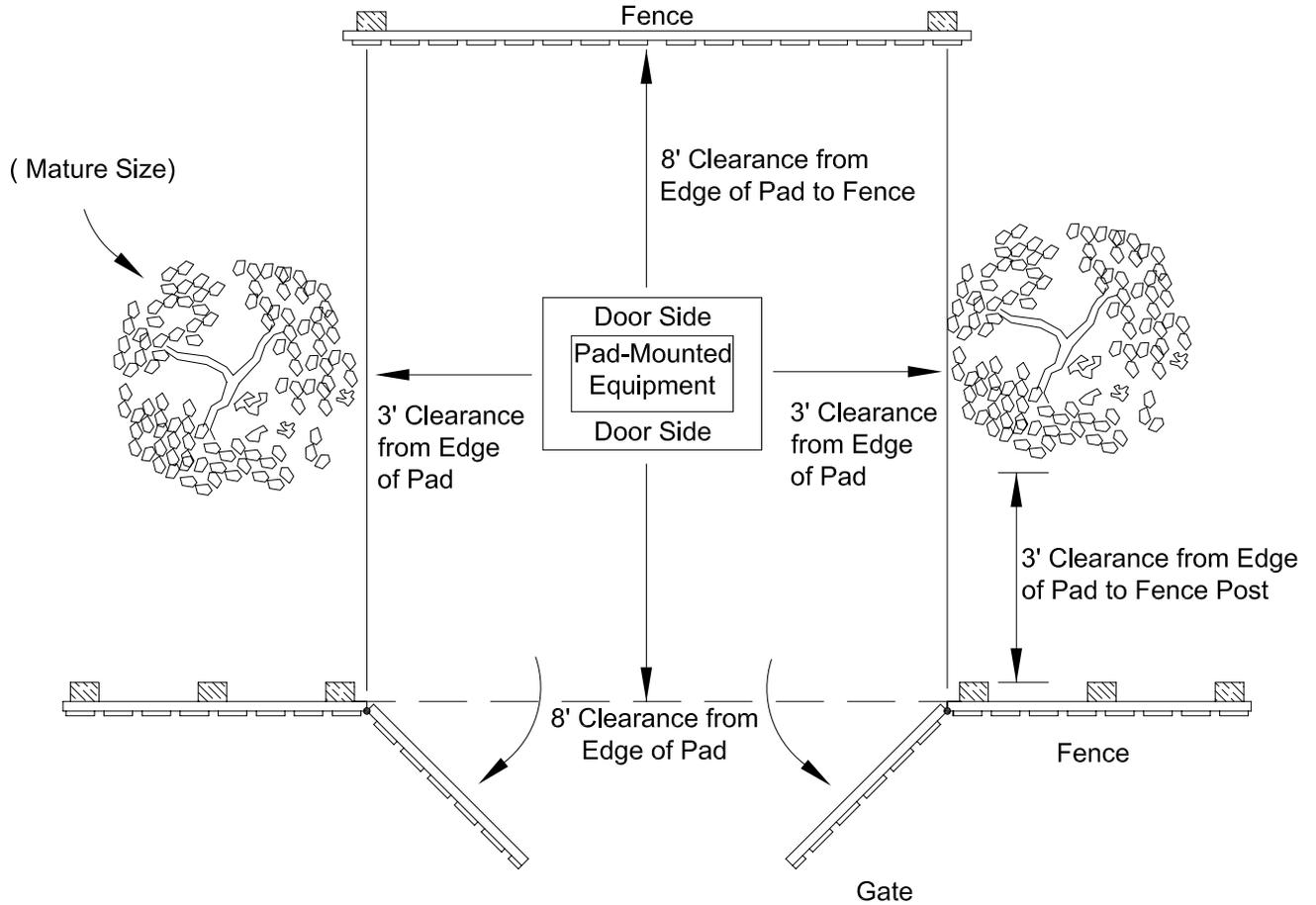
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Figure 3: Clearances Between Landscape and Pad-Mounted Equipment (Typical) Installed on a Concrete Pad



NOTE:

1. Wall heights need to be approved by the the Building and Safety Department.

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