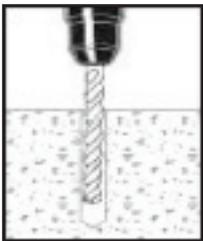


VALUERAIL PRO™ PROTECTIVE RAILING SYSTEM

Section 1 VALUERAIL PRO™ COLUMN INSTALLATION INSTRUCTIONS

1. Locate guard rail columns in approximate position required (Note: Columns can be placed in any direction).
2. Install rails using instructions in Section 2: ValueRail Pro™ Guard Rail Installation.
3. After all guard rail sections are assembled and bolts are tightened, install the four (4) - 3/8" x 4" anchors per the manufacturer's instructions below (steps 5-8).
4. Install column cap.



3/8" x 4" Powers™ Wedge-Bolt (Orange Tip)
(Minimum embedment depth 1-1/2")
Drill 3/8" Diameter Hole using an ordinary ANSI 3/8" rotary drill bit.

5. With columns in the desired location and using the proper diameter rotary drill bit, drill a hole into the base materials to a depth of at least 3/8" or one anchor diameter deeper than the embedment required.



6. Blow the hole clean of dust and other material and insert the anchor through the base plate into the anchor hole.

7. Begin tightening the anchor by rotating clockwise and applying forward pressure in towards the base plate. This will engage the first few threads as the anchor begins to advance. Continue tightening the anchor until the head is firmly seated against the base plate. For extremely dense materials, use of an impact wrench is recommended.



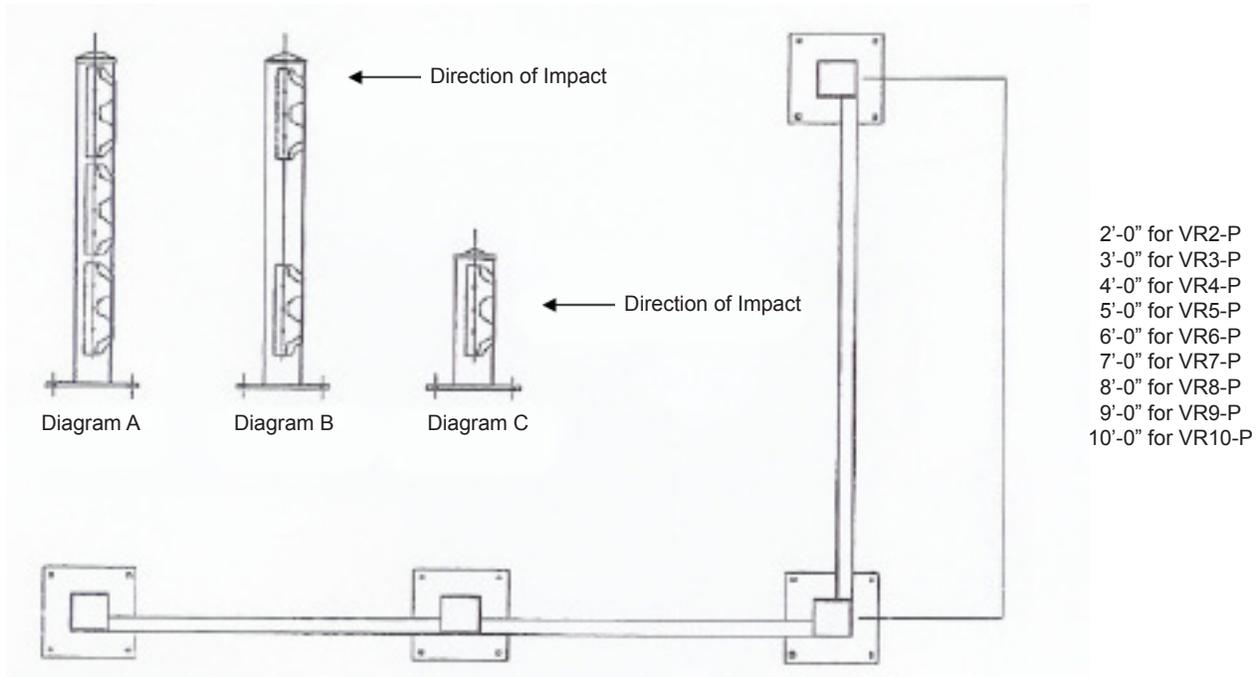
8. Be sure the anchor is at the required embedment depth and the maximum torque has not been exceeded (50 ft. - lbs.).

Section 2 VALUERAIL PRO™ RAILING INSTALLATION INSTRUCTIONS

1. After correctly installing guard rail column posts, begin installing guard rail sections as required.
2. Locate the guard rail sections as shown in Diagram A, B, or C in Section 3. Use the provided 1/2" diameter bolts, washers, and nuts. Bolts are to be inserted completely through the guard rail column. If two (2) guard rail sections are mounting (inline) to a common guard rail column, a single set of hardware is used to secure both guard rail sections to the column.
3. Tighten all bolts, maximum torque not to exceed 73 ft. - lbs.

VALUERAIL PRO™

Section 3



Typical Top View of ValueRail Pro™ Guard Rail System

VALUERAIL PRO™

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