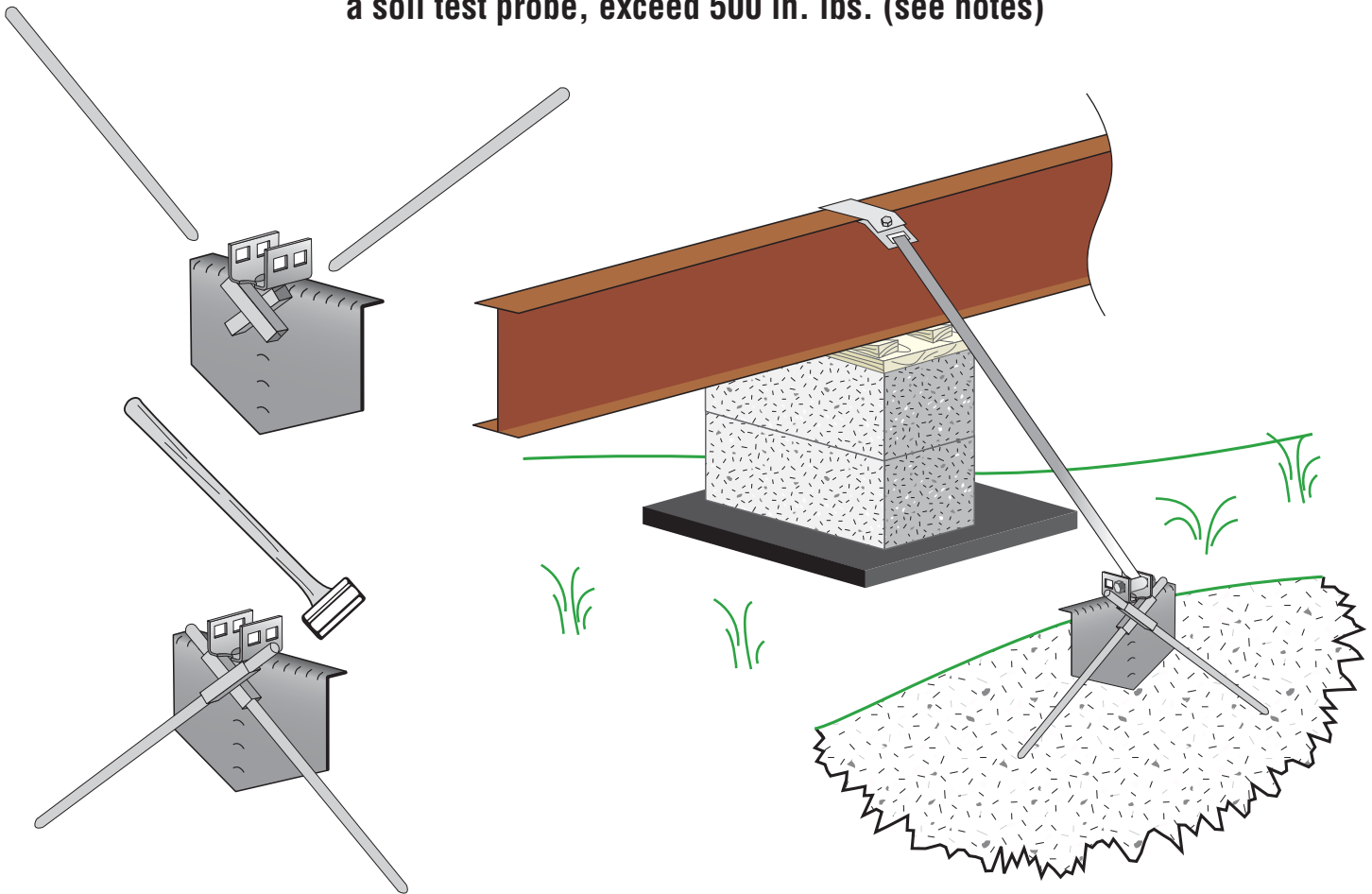


# X-Plate Installation Instructions

Engineered for installation into difficult ground conditions that, when tested with a soil test probe, exceed 500 in. lbs. (see notes)



Using a soil test probe, determine the soil classification. Place the X-Plate parallel to the building being secured with the flat plate to the inside. Pound the plate into the ground so that the upper lip is ground level. Using a heavy hammer or electric hammer gun, pound rods into the ground through the box tubing guides welded onto the back side of the stabilizer plate. Rods should be installed until maximum 1" above the box tubing.

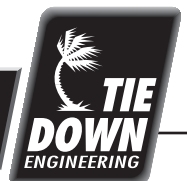
Install strap as required.

## Notes:

1. For **Wind Zone 1** use only, max working load of the X-Plate is 2,200 lb. (3,300# ultimate).
2. It takes 1-1/2 X-Plate anchors to replace 1 standard class 2 ground anchor with a 3150 lb. working load.
3. **Difficult Soils Only** - Defined as "Extremely hard soil preventing the installation of an auger anchor to its full depth using a 1/2 HP Drive Machine". Torque probe readings at 12" to 18" of the surface must be 500  $\frac{1}{\#}$  min.
4. Cross drive anchor is NOT rated or intended to be used for direct pull in vertical direction. Angle of resultant load must be at 40-50 degrees from vertical. This anchor may not be appropriate for shear wall or column anchorage.

X-Plate Part # 59118

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