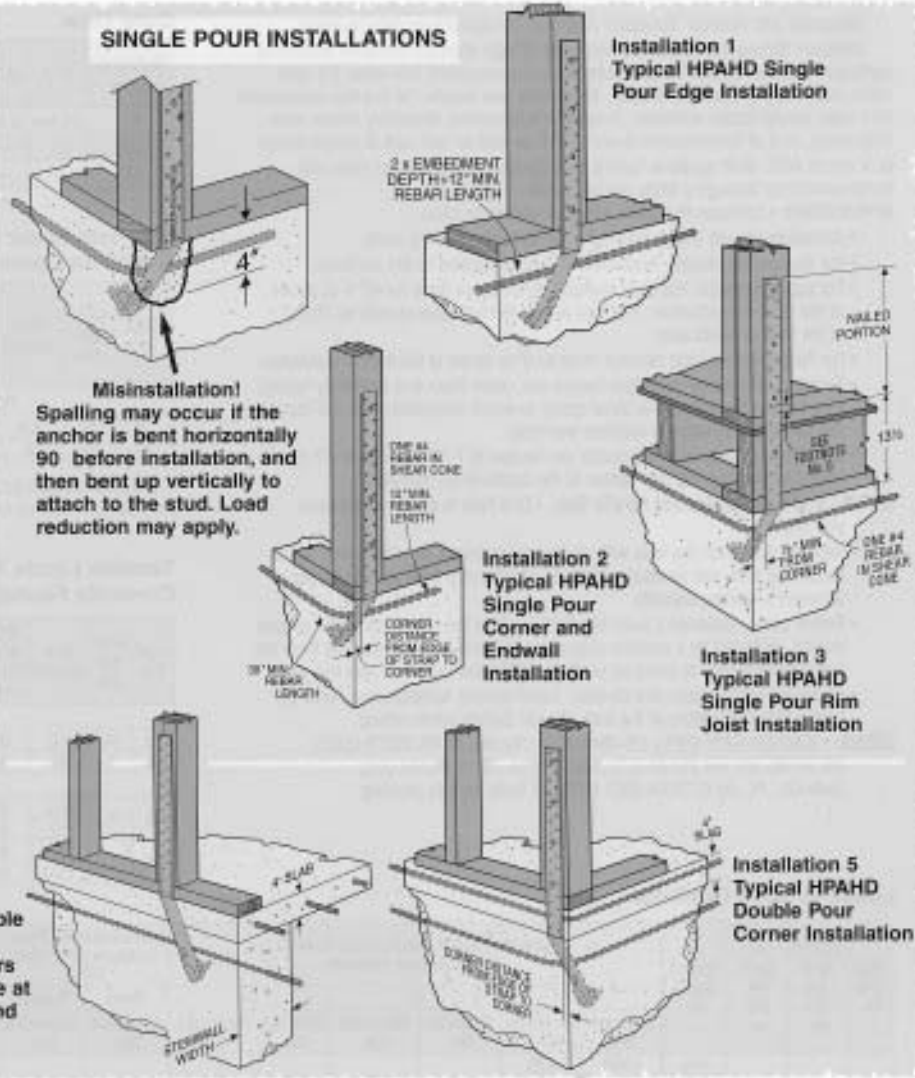
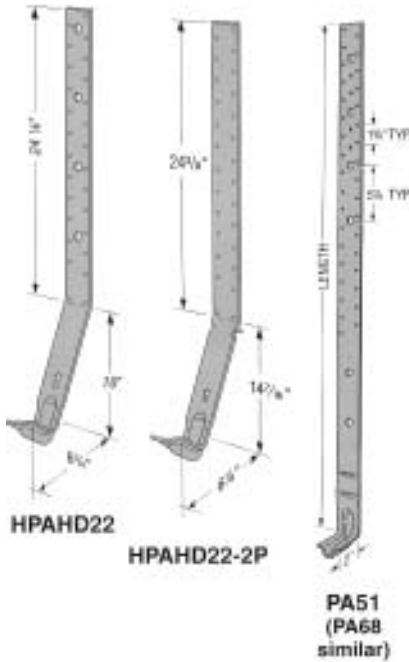
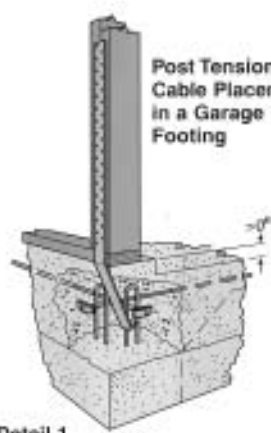


**PA/PAHD/HPAHD HOLDDOWNS**

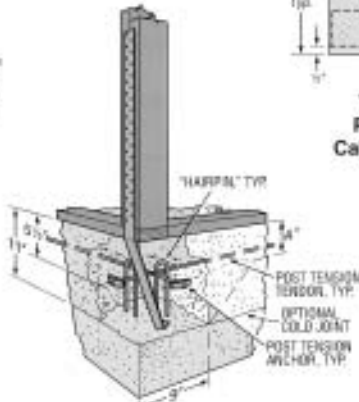
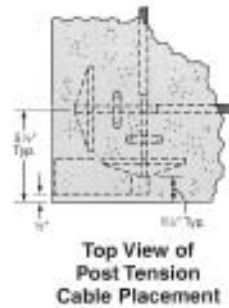
STEEL  
PRODUCTS



**POST-TENSION INFORMATION**



**Detail 1**  
When installed on a raised curb, use Stemwall installation and loads (page 30) (rebar required).



**Detail 2**  
Post Tension Cable Placement Corner Installation (no rebar required)

**DETAIL 2**

Model No.	Distance from Corner	Fasteners	Allowable Uplift Loads (133)
HPAHD22	1/2" Min 8" Min	13-16d 23-16d	2705 4570
LSTD8/ LSTD8RJ	1/2" Min 8" Min	24-16d sinkers 24-16d sinkers	1695 1695
STHD8/ STHD8RJ	1/2" Min 8" Min	24-16d sinkers 24-16d sinkers	2055 2345
STHD10/ STHD10RJ	1/2" Min 10" Min	28-16d sinkers 28-16d sinkers	2055 3185

1. Minimum concrete strength is 2500 psi.
2. Post-tension steel is 1/2" diameter, 7-wire, low-relaxation strand in accordance with ASTM A416, Grade 270 ksi, with a guaranteed ultimate strength of 41.3 k.
3. Anchorage is monostrand-type anchor system with current ICBO approval using a ductile iron casting of at least 2.25" x 4.5" of bearing and reusable pocket formers on all stressing ends.
4. It is the designer's responsibility to provide reinforcement to tie cold-joints and to resist bending stresses in the foundation due to anchor uplift.