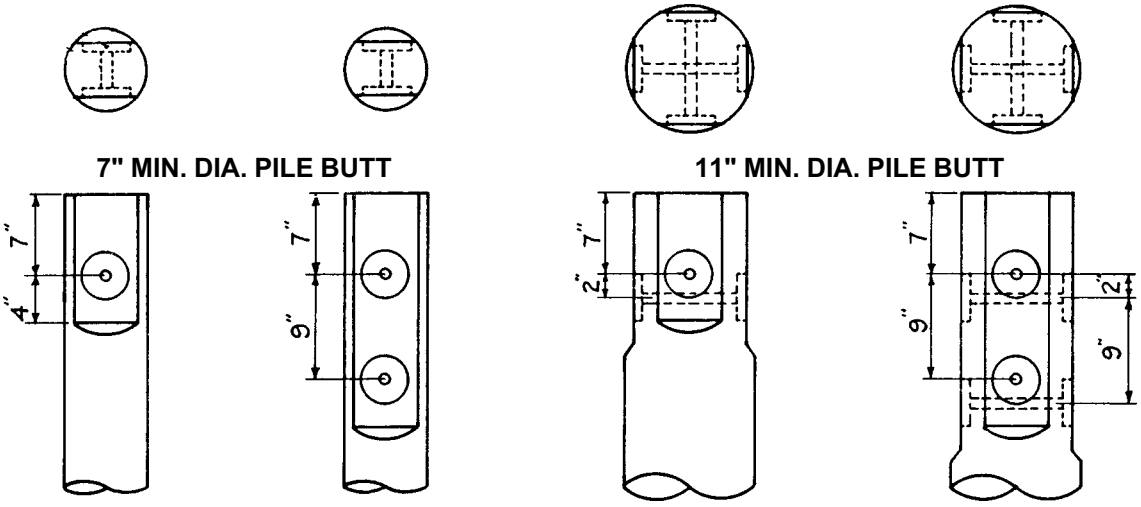
SHEAR PLATE DESIGN SUGGESTIONS



UPLIFT

SHEAR PLATE DESIGN LOADS (7/8q BOLT)			
2 Shear Plates	**4 Shear Plates (Vertical)**	**4 Shear Plates (Transverse)**	**8 Shear Plates**
Group “B” Wet Use 7,716 lbs.	Group “B” Wet Use 15,432 lbs.	Group “B” Wet Use 15,432 lbs.	Group “B” Wet Use 30,864 lbs.
Group “C” Wet Use 6,430 lbs.	Group “C” Wet Use 12,860 lbs.	Group “C” Wet Use 12,860 lbs.	Group “C” Wet Use 25,720 lbs.
Group “B” Dry Use 9,214 lbs.	Group “B” Dry Use 18,428 lbs.	Group “B” Dry Use 18,428 lbs.	Group “B” Dry Use 36,856 lbs.
Group “C” Dry Use 7,678 lbs.	Group “C” Dry Use 15,356 lbs.	Group “C” Dry Use 15,356 lbs.	Group “C” Dry Use 30,712 lbs.

DESIGN NOTES:

1. Tabular values are intended as a guide, and should be checked by the design engineer for conformance with current edition of N.D.S.*
2. A 33-1/3% Duration of Load increase is included.
3. Typical Group “B” species include Douglas Fir-Larch and Southern Yellow Pine.
4. Typical Group “C” species include Hem-Fir and Spruce-Pine-Fir.
5. Applicable load adjustment factors are: Load Duration, Wet Service, Temperature, Group Action, Geometry, Penetration and Metal Side Plates.
6. Shear plates are 4" diameter, SP4S.
7. Slab cuts should be parallel, plumb, and a minimum of 5-1/2" in width.
8. Shear plate daps to be made with Tool 304S.

*“National Design Specification for Wood Construction” published by American Forest & Paper Association, Washington, D.C.