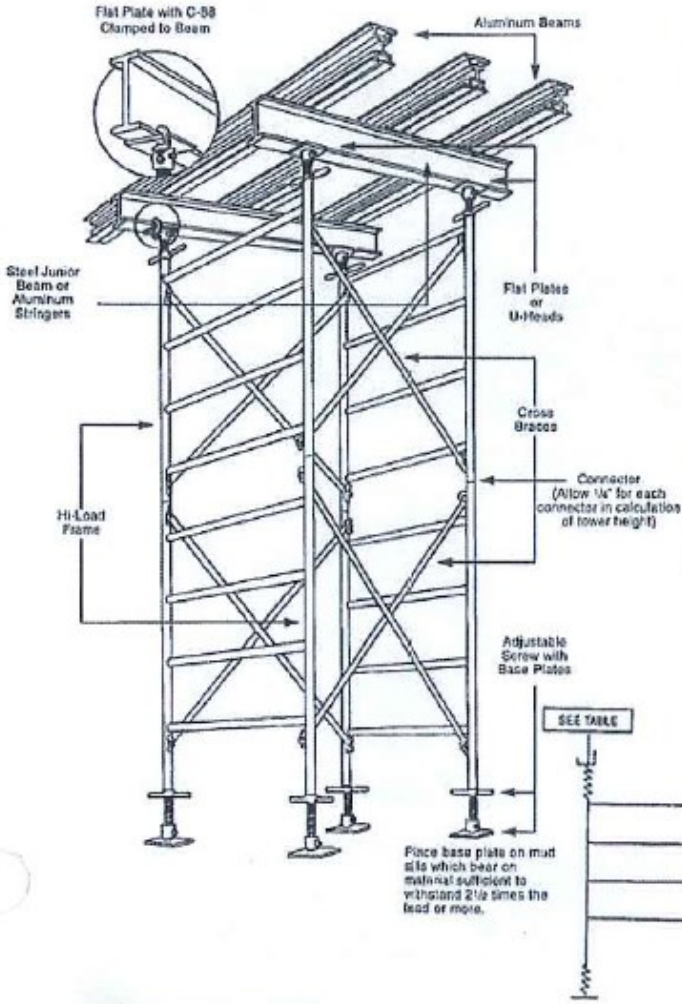


# SHORING TOWER



# ALLOWABLE WORKING LOADS (LBS./LEG)

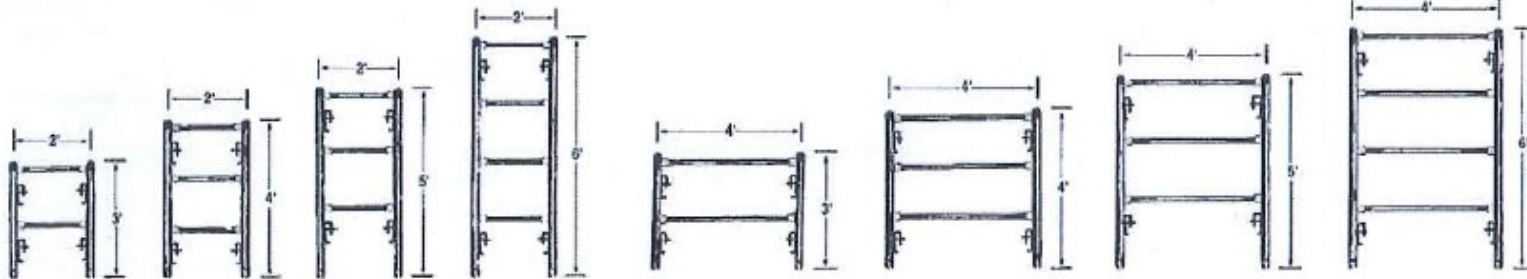
MAXIMUM SAFE WORKING LEG LOADS FOR 412X-XX, 4144X-XX & 424X-XX SERIES FRAMES WITH 48XX-XX SCREWS											
DESCRIPTION	TOTAL ADJUSTMENT TOP AND BOTTOM = A + B	No. of Tiers i.e. frames in tower									
		1	2	3	4	5	6	7	8	9	10
4'x2' Hi-Load Frame	12'	17,500*	16,600	13,400	10,500	10,200	10,000	9,800	9,800	9,700	9,600
4'x4' Frame	24'	14,800*	13,700	11,000	8,500	9,100	8,700	8,600	8,500	8,400	8,300
2'x2' Hi-Load Frame	36'	12,200	11,200	10,400	8,300	8,600	7,700	7,200	7,000	6,750	6,500
2'x4' Hi-Load Frame	48'	10,600	10,300	9,750	8,900	8,900	7,400	7,200	7,000	6,750	6,500
4'x2' Hi-Load Frame	12'	15,800*	14,900	13,400	10,800	10,200	10,000	9,800	9,800	9,700	9,600
2'x2' Hi-Load Frames	24'	14,100	12,400	11,900	9,500	9,100	8,700	8,600	8,500	8,400	8,300
4'x2' Ledger Bearing Frame	36'	11,700	10,700	10,400	8,300	8,900	7,700	7,200	7,000	6,750	6,500
4'x4' Hi-Load Frame	48'	10,200	10,000	9,750	8,900	7,700	7,400	7,200	7,000	6,750	6,500
4'x2' Ledger Bearing Frame	12'	14,400	13,200	11,600	10,000	10,200	10,000	9,900	9,800	9,700	9,600
4'x4' Hi-Load Frame	24'	12,400	11,100	10,000	8,500	9,100	8,700	8,600	8,500	8,400	8,300
2'x2' Hi-Load Frame	36'	10,000	9,000	8,600	8,300	8,600	7,700	7,200	7,000	6,750	6,500
4'x4' Double Ledger Bearing Frame	48'	8,500	8,400	8,200	8,000	7,700	7,400	7,200	7,000	6,750	6,500
All Hi-Load Aluminum Frames	12'	13,600	11,000	10,600							
	24'	11,300	10,500	10,300							
	36'	10,250	9,800	9,650							
	48'	9,200	9,100	9,000							

## TOWER OVER 60'-0" HIGH

- Note:
- 1.) Use 4146 loading as above for combinations of 4144, 4145, 4146, 4124, 4125, and 4126 frames used in one tower.
  - 2.) Total screw jack adjustment is the sum of the adjustment Top & Bottom = A + B
  - 3.) The above allowable leg loads reflect a 2.5:1 safety factor.
  - 4.) Reduce the above allowable loads 10% when using 02xx-12, 13 or 15 cross braces (special application).
  - 5.) Reduce the above allowable loads 20% when using 0215-07 straddle brace in one level of a tower - no reduction necessary for 0215-10 straddle braces (special application).

\*Check that screws do not meet inside of the frame leg.

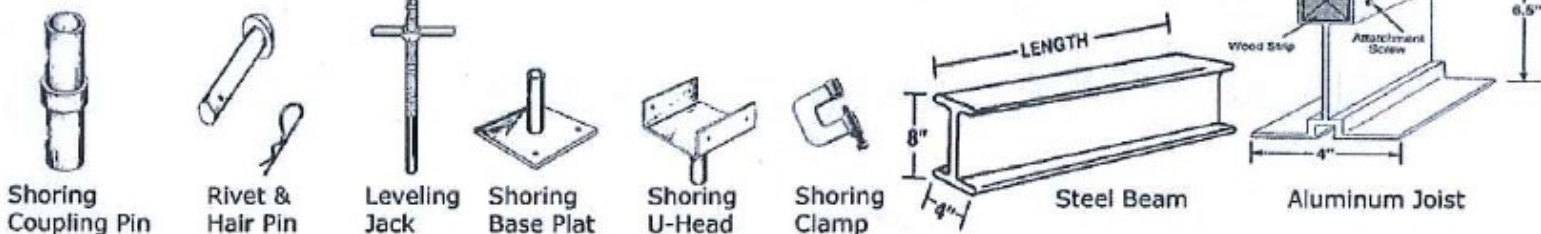
# SHORING FRAME



2 Foot Wide Shoring Frame

4 Foot Wide Shoring Frame

# ACCESSORIES



Shoring Coupling Pin

Rivet & Hair Pin

Leveling Jack

Shoring Base Plat

Shoring U-Head

Shoring Clamp

Steel Beam

Aluminum Joist