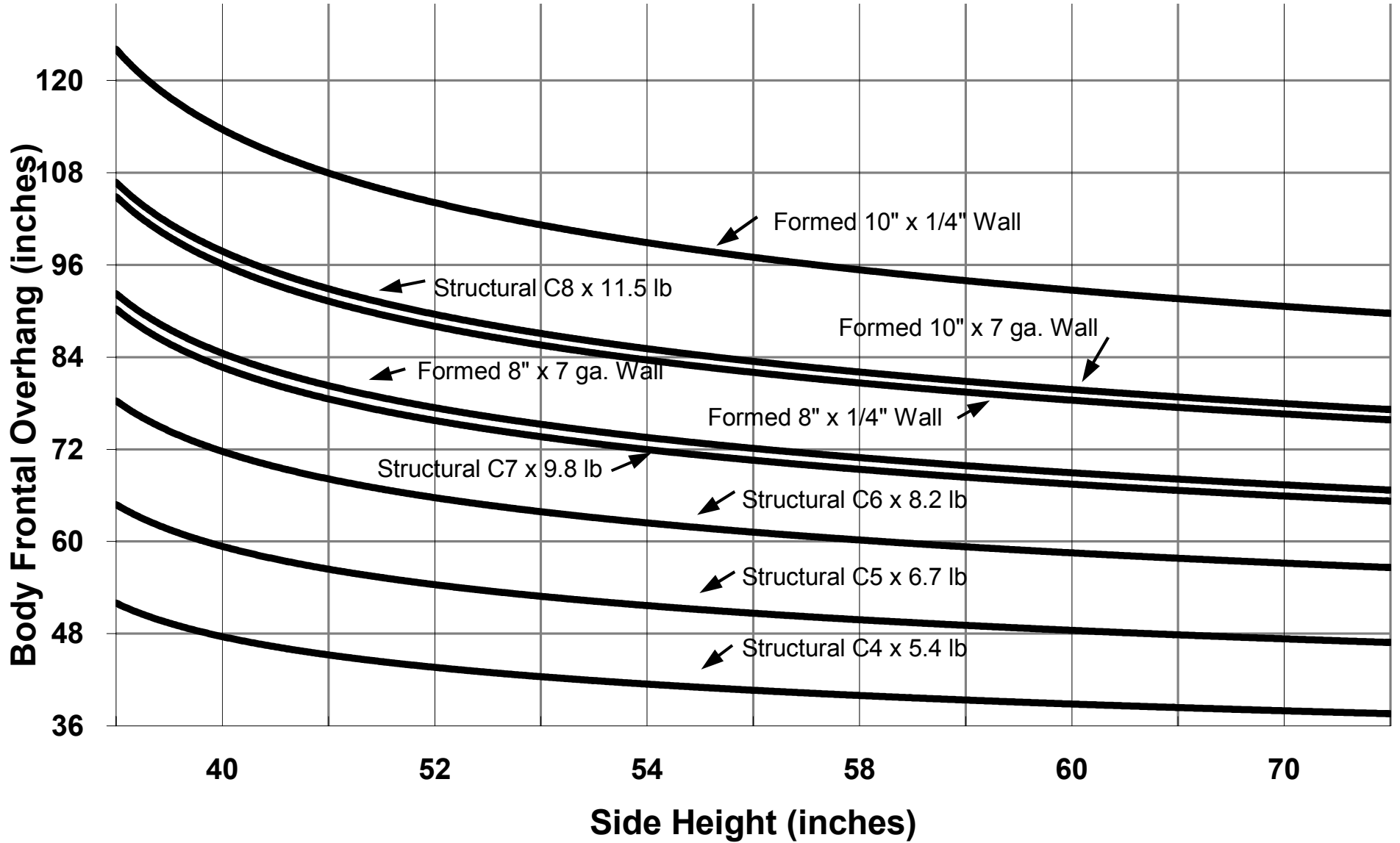


Runsill Reinforcement Chart

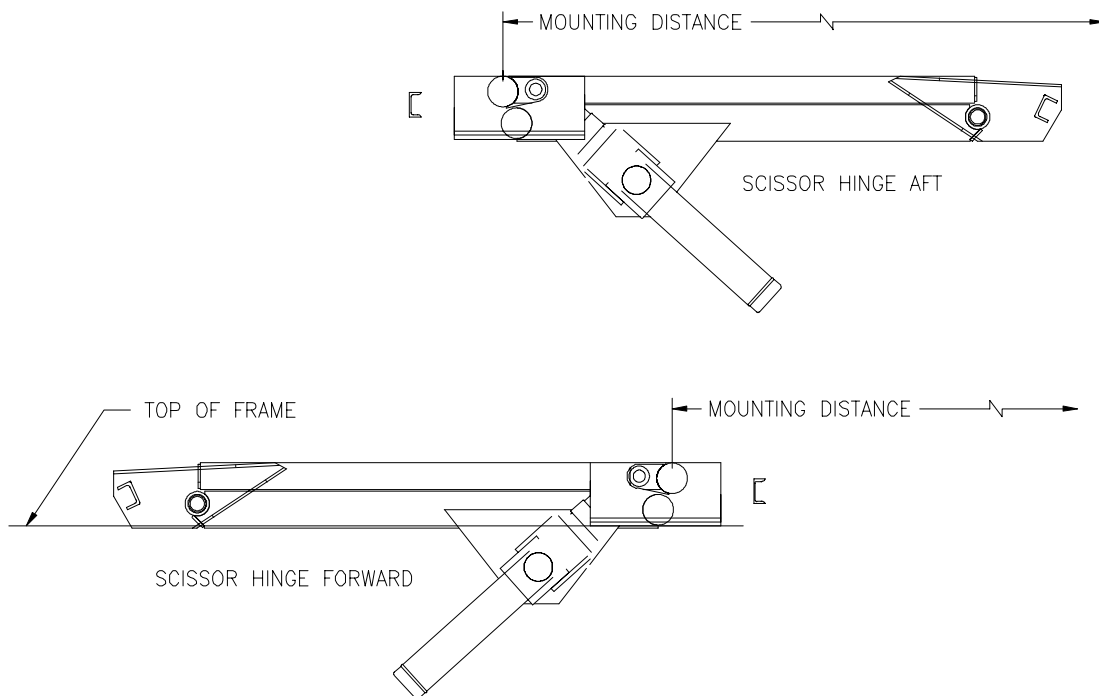




LATERAL

Omaha Standard recommends a 3" channel cross brace (minimum) reinforcement between the runsills on all hoist applications. On a standard hoist mount (scissor hinge aft - facing toward rear of the body), position the brace far enough ahead of the upper mount to clear the lower mount when the body is in the down position. On a reverse hoist mount (scissor hinge forward - facing toward front of the body), position the brace behind the upper mount (toward the rear of the body). In either instance, position the brace in the vertical position, perpendicular to the runsills and as close to the lower leg of each runsill as possible (See the Lateral Runsill Reinforcement Figure).

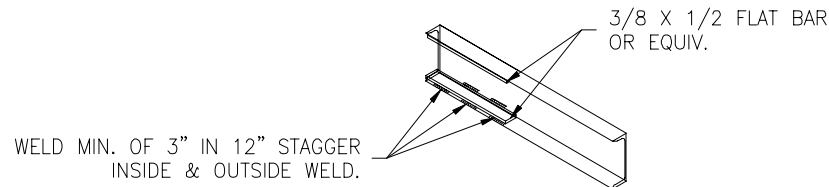
Standard (scissor hinge aft) and Reverse (scissor hinge forward) Mounting



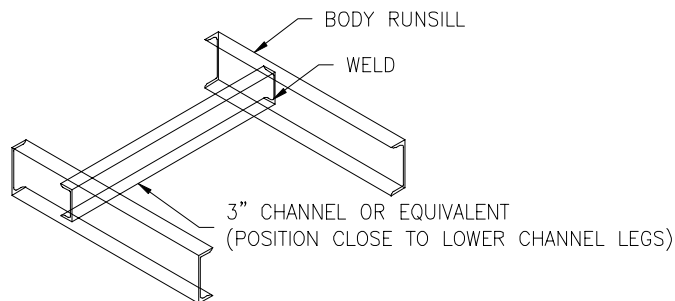
⚠ CAUTION: Runsill lateral and longitudinal reinforcement must be considered when installing any Omaha Standard Hoist and/or Body. Always use proper installation techniques and adhere to all safety procedures when reinforcing a body. It is strongly recommended that the materials and methods listed be used. Failure to do so could result in bodily injury and and/or property damage.



Longitudinal Reinforcement:



LATERAL REINFORCEMENT



LONGITUDINAL

The body runsills must be reinforced lengthwise in certain applications. This is a function of the body side height, the load density (weight per cubic foot of the material), the runsill size, and the distance from the hoist lift point to the front of the body (frontal overhang).

To determine if reinforcement is needed, refer to the Runsill Reinforcement Chart. This covers bodies with 6", 7", 8" structural steel runsills and *Omaha Standard Magnum Body* formed runsills. The chart assumes a uniform and level load density of 50 lbs. per cubic foot. Simply plot the point that corresponds to the side height and amount of frontal overhang in your application. If this point falls above the line for the appropriate runsill size, additional runsill reinforcement is necessary. If the point falls below the line, no further reinforcement is required.

Note: When load densities heavier than 50 lbs. per cubic foot are anticipated or for a special application, contact Omaha Standard for assistance.

ALUMINUM BODY MOUNTING

Omaha Standard recommends using an Omaha Standard Aluminum Body Mounting Kit with all Omaha Standard Hoists installed under all aluminum bodies. Consult the body manufacturer for specific reinforcement recommendations or contact Omaha Standard for assistance.