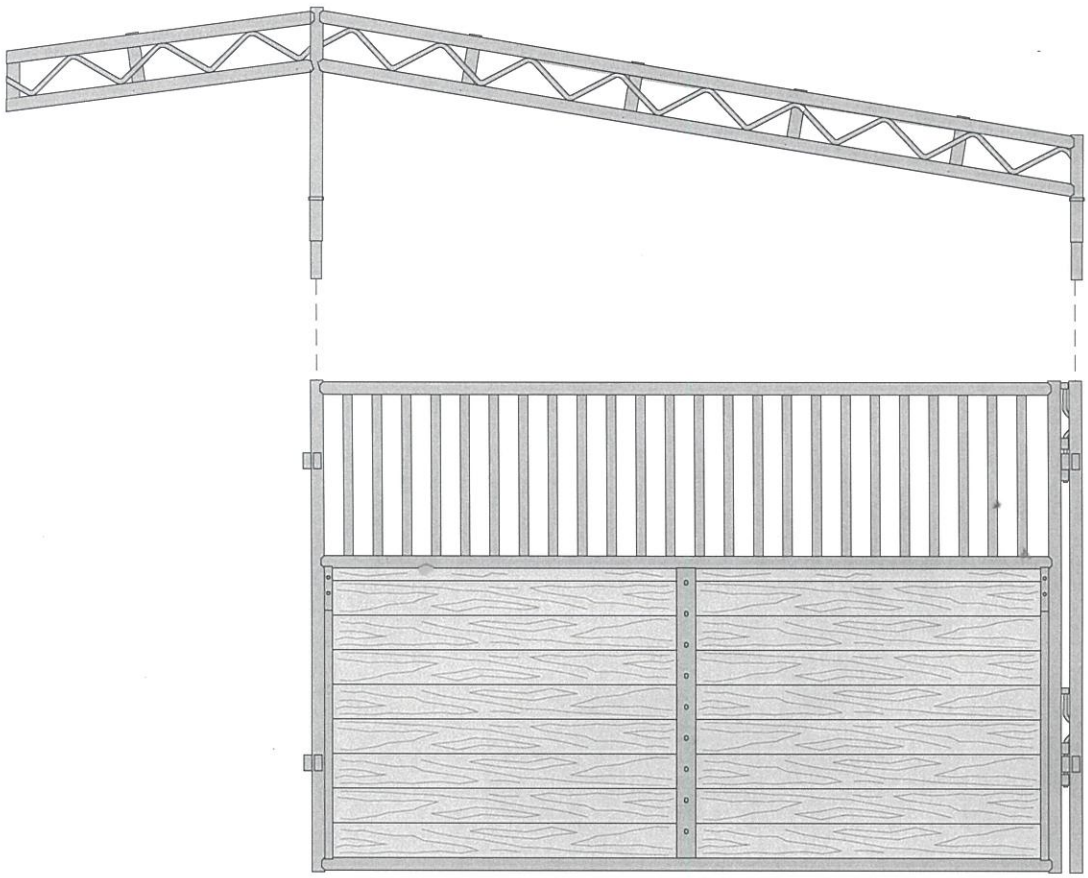
W-W Equine Systems

Classic Building Truss



All Building Trusses are designed with a 2-12 pitch with 4' cantilever and are available for 10' and 12' stalls. Truss rails are fabricated from 2" x 14 gauge High Tensile Steel Tubing with 50,000 P.S.I. Yield strength. Double truss rails are reinforced with 3/8" HHR Steel Webbing. Trusses come equipped with purlin clips fabricated from 2 x 2 x 3/16" angle, 9" long with prepunched holes. All trusses include stubs fabricated from 2' x 14 gauge steel tubing designed to slip into W-W Equine Stall Components. See separate specificatioon sheet for paint application.

Serving The Stockman Since 1946

DesignCad/Vernon/Presentation/Truss

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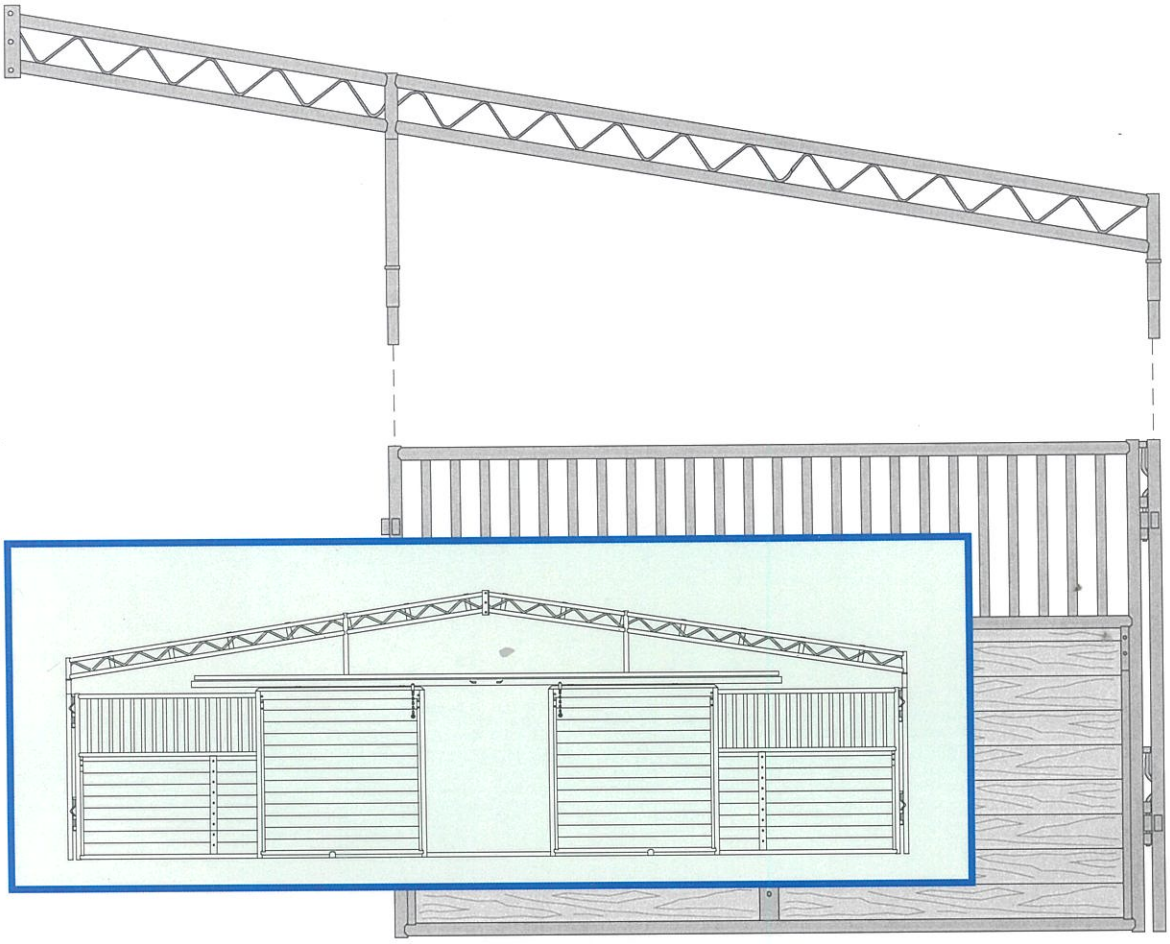

All Building Trusses are designed with a 2-12 pitch and are available for 30' and 36' wide barns. Truss rails are fabricated from 2" x 14 gauge High Tensile Steel Tubing with 50,000 P.S.I. Yield strength. Double truss rails are reinforced with 3/8" HHR Steel Webbing. Trusses come equipped with purlin clips fabricated from 2 x 2 x 3/16" angle, 9" long with prepunched holes. 3/8 x 2 1/2" straps, 11" long with prepunched holes are welded to end of each truss which allows connection to opposite truss. All trusses include stubs fabricated from 2" x 14 gauge steel tubing designed to slip into W-W Equine Stall Components. See separate specificatioon sheet for paint application.

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Nov. 6, 2004

TO: Whom it may concern

I have investigated the trusses for the W-W Livestock Systems Equine Barns. These trusses will support a live load of 35 lbs per sq ft. plus a dead load of 4 lb per sq ft. for the 12'-0 by 12'-0 stalls. Additional requirements would be to field weld or bolt the upright posts that support the trusses together to resist any uplift due to wind loads and attach these posts down to weld plates in the foundations. Maximun uplift to be resisted per column or post on 12 foot centers each way is 1700 lb. per column uplift. With these changes the building will resist a 90 mph wind load.

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Otis A. Clark PE. 11/06/04