

# HEADER NOTES & ILLUSTRATIONS

**MARINO WARE®**

## BEARING WALLS

**APPLICATION:** For selection of simply supported "I" or boxed shaped header subjected to uniform load.

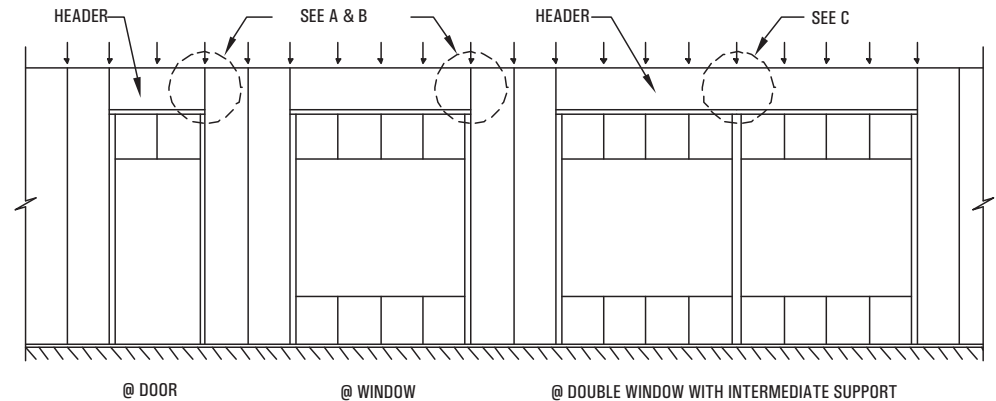
**USE:**

Select a header providing an allowable uniform load in excess of the applied load. For interior applications.

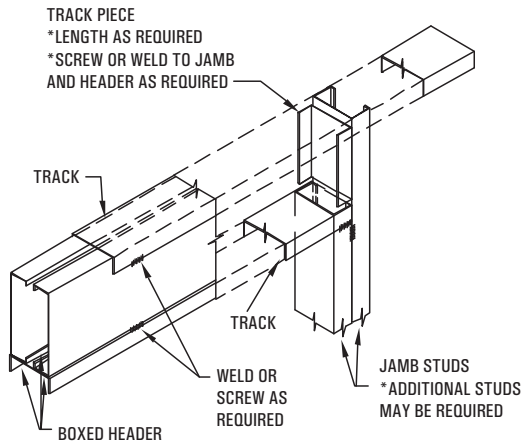
**Notes:**

1. The values on the following page represent the allowable total load, in pounds per linear foot (PLF), limited by bending or shear capacity of the header. Deflection is limited to  $L/360$  of span length.
2. The use of these tables is limited to simply supported members. Applications involving cantilevers, concentrated loads, eccentricities, multiple spans, impact loading, etc. should be investigated separately.
3. Web crippling should be analyzed separately. Shapes having multiple unreinforced webs subjected to interaction of concentrated load or reaction and bending shall be analyzed to meet the requirements of AISI Section C3.4. Referenced page 28 for additional information. Reinforcement of the web is required when a knockout is located within a distance equaling  $1.5 \times$  depth of the member ( $h$ ) from the edge of bearing.
4. The compression flange of the header shall be laterally braced at intervals not to exceed 24" on center.
5. Contact MarinoWare for allowable load capacities of sections not shown herein.

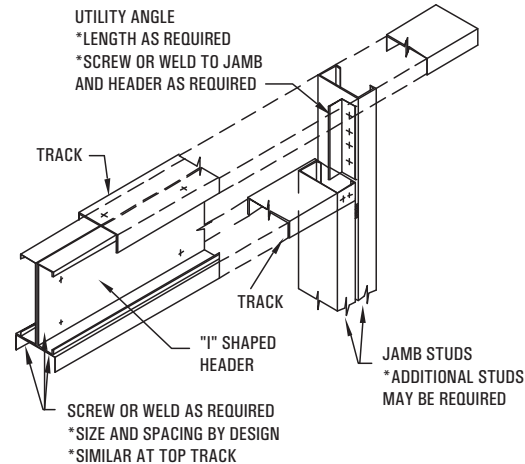
### BEARING WALL SCHEMATIC



### BOXED HEADER TO MULTIPLE JAMB STUDS (Detail A)



### "I" SHAPED HEADER TO MULTIPLE JAMB STUDS (Detail B)



### "I" SHAPED HEADER AT INTERMEDIATE SUPPORT (Detail C)

