



**STURDY-LITE**

A DIVISION OF ROADMASTER ENTERPRISES, LLC

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## STURDY-LITE TURNBACK BULKHEADS/HEADERBOARDS –INSTALLATION INSTRUCTIONS

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### END-USER SAFETY NOTE:

**READ THESE INSTRUCTIONS COMPLETELY AND CAREFULLY BEFORE INSTALLING AND USING STURDY-LITE TURNBACK BULKHEADS/HEADERBOARDS. FAILURE TO DO SO MAY RESULT IN DAMAGE TO THE TURNBACK BULKHEAD/HEADERBOARD, TRAILER BODY, OR OTHER PERSONS AND/OR VEHICLES. STURDY-LITE DOES NOT ASSUME ANY RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE CAUSED BY INCORRECT INSTALLATION AND/OR USE OF AFORESTATED PRODUCTS.**

NOTE: Refer to Figure 1 shown on the following page for installation procedure

#### **INSTALLATION – PROCEDURAL STEPS:**

- 1) Place Bulkhead on trailer, aligning side post with center of pocket. Adjust Bulkhead so that front bottom rail is flush with front of trailer.
- 2) If front corner caps or welds hold up Bulkhead, shim underneath Bulkhead to level.
- 3) Drill through front rail four (4) places per pre-drilled hole placement on lower binder position - A - per drawing.
- 4) Drill through rub rail, stake pocket, stake, and side rail on both side posts, position - B - per drawing.
- 5) Install four (4) 5/8"-dia SAE Grade 8 bolts across the front and two (2) 5/8"-dia grade 8 bolt and nuts on each side post (nuts and bolts not provided).
- 6) With properly calibrated torque wrench tighten to 80 lbs/1" min and 90 lbs/1" max.



### PERFORMANCE NOTE - STRUCTURAL STRENGTH UNDER *STATIC* LOADING

**As designed, manufactured and tested this bulkhead meets the requirement of 49CFR393.114 with a payload up to 50,000 lb (49CFR393.114 requires 50% forward static loading of payload). Installer must check trailer manufacturer specifications for strength of rail, pocket, and anchor point, and certify that the engineering specifications of such secure compliance of Bulkhead's provision to meet requirements of 49CFR393.114.**



## WARNING - LIMITED IMPACT RESISTANCE

This product has limited ability to withstand impact. Sturdy-Lite makes no claims to impact resistance, either implied or otherwise, except for static load strength as-described above. Any load or force in excess of static load may result in failure of this product, resulting in serious injury or death. Load must be secured to trailer per D.O.T. 393.102 to 393.106

### MAINTENANCE

Keep unit clean and visually inspect every month per D.O.T. 396.3. Structurally-damaged trailer-mounted Bulkheads/Headerboards should be replaced immediately.

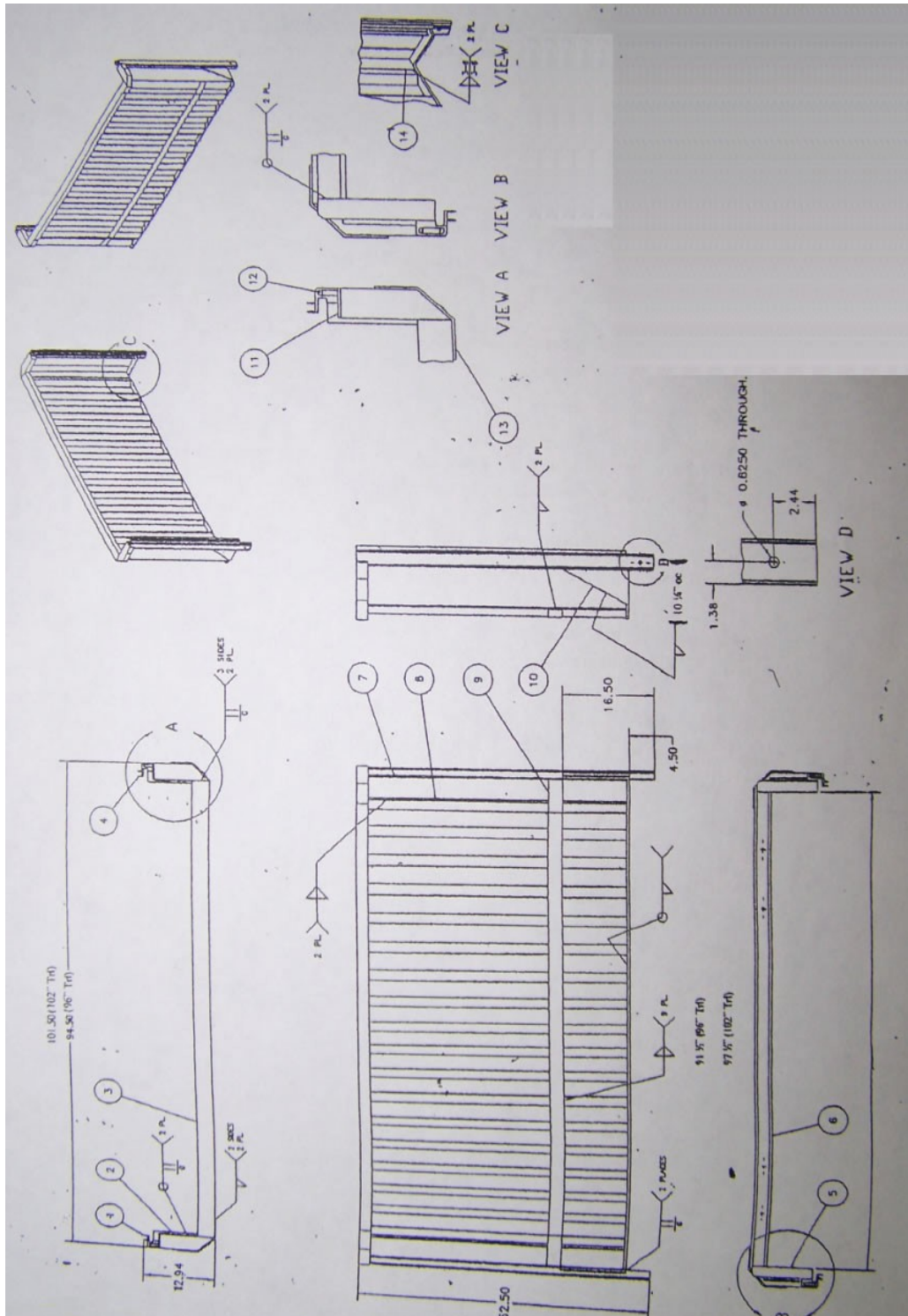


Figure 1 – Basic schematic print of Turnback Bulkhead/Headerboard