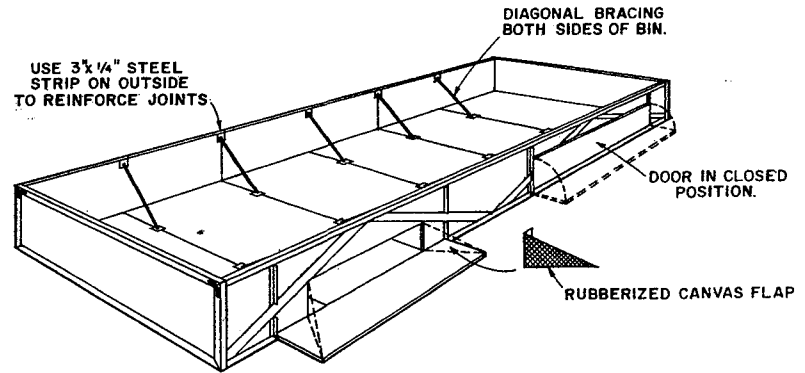


**HINGE DETAIL**  
SCALE: NONE

**NOTE:**  
FOR WATER-TIGHT CONSTRUCTION, APPLY WATERPROOF MASTIC TO ALL CORNERS BEFORE INSERTING PLYWOOD.

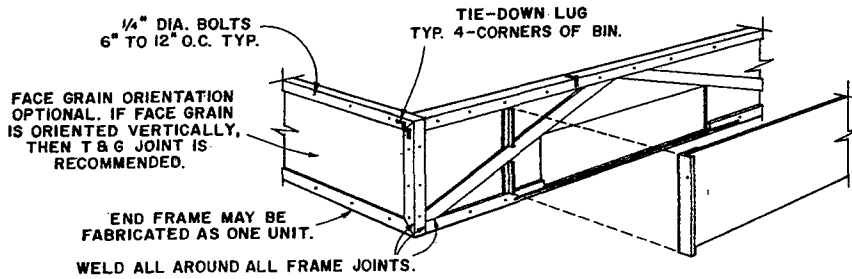


**PERSPECTIVE**

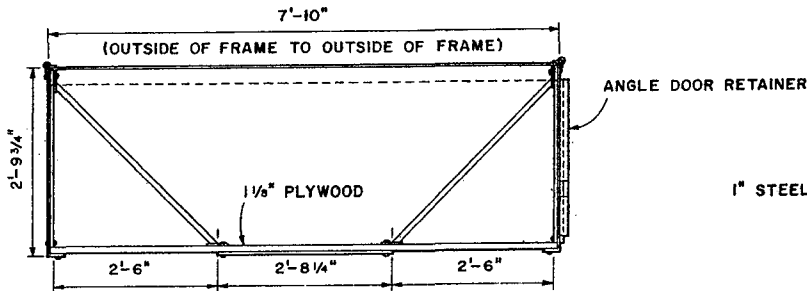
**NOTE:**  
THIS BIN IS INTENDED TO BE CARRIED ON A FLAT BED TRUCK OR TRUCK TRAILER. DIMENSIONS SHOWN WITHIN THIS PLAN ARE APPLICABLE TO A 24-FT. BIN. WITH MINOR MODIFICATIONS, THE LENGTH OF THIS BIN MAY BE VARIED TO SUIT OTHER TRUCK BED LENGTHS. THE OUTSIDE WIDTH IS INTENDED TO COMPLY WITH WIDTH REGULATIONS OF MOST STATES; HOWEVER, ONE MUST CONSIDER INDIVIDUAL STATE REGULATIONS AND BINDER DIMENSIONS BEFORE BUILDING.

CONSULT LOCAL CODE AUTHORITIES BEFORE STARTING CONSTRUCTION.

MENTION OF A TRADE NAME DOES NOT CONSTITUTE A GUARANTEE OR WARRANTY OF THE PRODUCT BY THE U.S. DEPARTMENT OF AGRICULTURE OR AN ENDORSEMENT BY THE DEPARTMENT OVER OTHER PRODUCTS NOT MENTIONED.

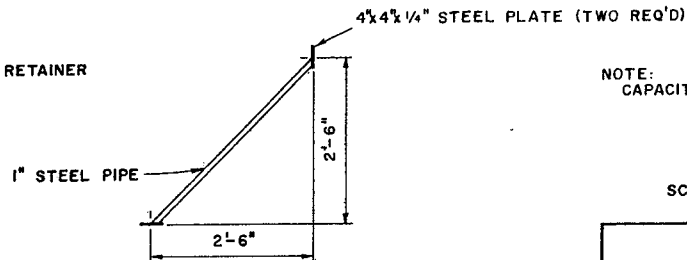


**FRONT CORNER DETAIL**  
SCALE: NONE



**SECTION "A-A"**

**NOTE:**  
7'-9 1/4" CUT LENGTH OF BOTTOM PANELS



**PIPE BRACE**  
(10 REQ'D)

**NOTE:**  
CAPACITY 490 CU. FT.

12" 6" 0 1"  
SCALE: 3/4" = 1'-0" UNLESS OTHERWISE NOTED.



**BULK HAULER**

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### BASIC STEEL DIMENSIONS

1. USE  $3\frac{1}{2} \times \frac{1}{4}$ " STEEL ANGLE FOR ALL PERIPHERAL FRAMING.
2. USE  $3\frac{1}{4}$ " STEEL STRIP FOR ALL DIAGONAL FRAMING, FOR DIAGONAL BRACE TIES UNDER BIN BOTTOM, AND TO REINFORCE WALL JOINTS ON NON-OPENING SIDE OF BIN.
3. USE  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$ " STEEL ANGLE FOR VERTICAL DOOR RETAINERS.
4. DOOR SILLS WILL BE CUT SO AS TO BE EVEN WITH THE SURFACE OF THE BIN FLOOR.
5. ALL STEEL WORK TO BE COATED WITH GOVERNMENT AGENCY-APPROVED COATING FOR FOOD HANDLING.

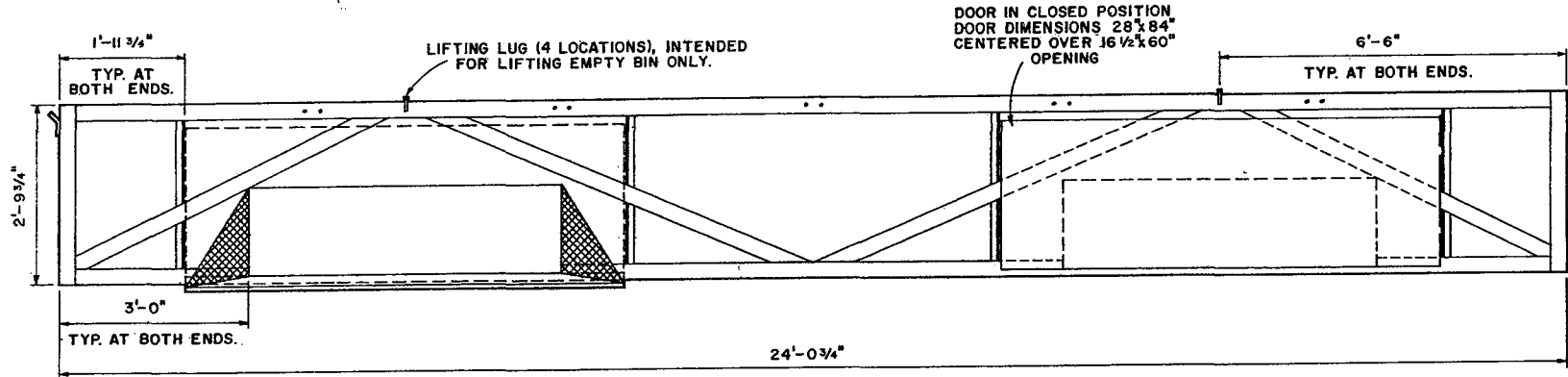
### PLYWOOD SPECIFICATIONS

#### BIN SIDES

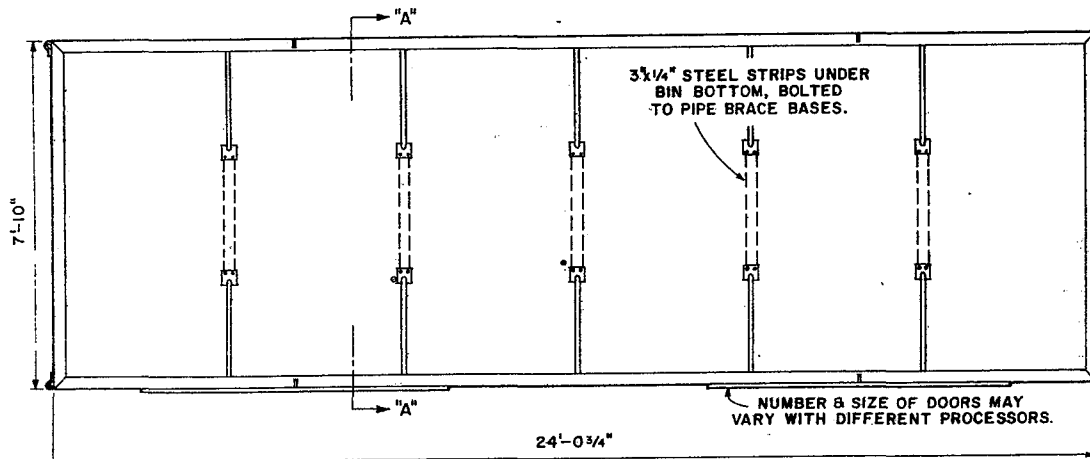
- $\frac{1}{8}$ " DFPA C-C PLUGGED EXTERIOR GROUP 1 OR 2.
- $\frac{1}{8}$ " DFPA B-C EXTERIOR GROUP 1 OR 2.
- $\frac{1}{8}$ " DFPA A-C EXTERIOR GROUP 1 OR 2.

#### BIN BOTTOM

- $1\frac{1}{8}$ " DFPA C-C PLUGGED EXTERIOR GROUP 1 OR 2 T & G.
- $1\frac{1}{8}$ " DFPA B-C EXTERIOR GROUP 1 OR 2 T & G.
- $1\frac{1}{8}$ " DFPA A-C EXTERIOR GROUP 1 OR 2 T & G.



SIDE ELEVATION



PLAN

SCALE:  $\frac{1}{2}" = 1'-0"$

**NOTE:**

THE PLYWOOD USE RECOMMENDATIONS CONTAINED IN THIS PLAN ARE BASED ON AMERICAN PLYWOOD ASSOCIATION'S CONTINUING PROGRAM OF LABORATORY TESTING, PRODUCT RESEARCH AND COMPREHENSIVE FIELD EXPERIENCE. HOWEVER, QUALITY OF WORKMANSHIP AND THE CONDITIONS UNDER WHICH PLYWOOD IS USED VARY WIDELY. BECAUSE THE ASSOCIATION HAS NO CONTROL OVER THESE ELEMENTS, IT CANNOT ACCEPT RESPONSIBILITY FOR PLYWOOD PERFORMANCE OR DESIGNS AS ACTUALLY CONSTRUCTED.



SCALE:  $\frac{3}{4}" = 1'-0"$  UNLESS OTHERWISE NOTED.



**BULK HAULER**

APA '76 6263 SHEET 2 OF 2

## Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.