FLUSH NUT (DI-NUT) OR SIMILAR NUT ON U BOLT
CORNER POST CUT FROM SURFACED 4 X 4 - 24" LONG
OPTIONAL 14 GA GALV. SHEET METAL CAP RIVET FAST. MAY BE ON NONE, 2 OR 4 SIDES
14 GA POST CAP WITH NON-SKID BUMPS

CORNER POST ANCHORAGE SIMILAR TO POST CAP, HELD WITH 3/8" CARRIAGE BOLT THRU SQUARE HOLE IN ANCHOR, DECK AND STRINGER. HOLE POST FOR BOLT HEAD AND RECESS FLUSH NUT INTO BOTTOM STRINGER

23 5/8" X 46 5/8" - 5/8" THICK EXT. - DPRA PLYWOOD, C-C PLUGGED, B-C OR A-C STRUCTURAL I OR GROUP 1.

1/4" U BOLT WITH FLUSH NUT (DI-NUT) OR COP
CORNER POST
POST CAP UNDER NUTS AND U BOLT
4 X 4 DIAG POST

18 GA METAL COP

TOP EDGE CAP

2 X 4 FLAT

STRINGER
3 X 4 = 47" LONG

DECK IS HELD WITH BOLTS IN POST ANCHORS, PLUS ONE 3/8" BOLT IN MIDDLE OF CENTER STRINGER.

23 5/8" X 46 5/8" - 5/8" THICK EXT. - DPRA PLYWOOD, C-C PLUGGED, B-C OR A-C STRUCTURAL I OR GROUP 1.

SECTION THRU SLOT *

47" X 47" = 5/8" THICK EXT. - DPRA PLYWOOD, C-C PLUGGED, B-C OR A-C STRUCTURAL I, GROUP 1 OR GROUP 2.

TOTAL OPEN AREA OF 100 SQ IN.

FACE GRAIN

47"

BOTTOM DETAIL *

SOME BOTTOMS MANUFACTURED WITH 7 ROWS OF SLOTS. SLOTS 5/8" WIDE, PROVIDE TOTAL OPEN AREA OF 105 SQ IN. CENTER TO CENTER DISTANCE OF SLOTS AND CENTER TO EDGE SPACING IS THEN 5 7/8.

This design is based on the use of American Plywood Association Grade-Tested/Checked plywood. Structural deficiencies may result with the substitution of materials. Because erection of the structure cannot be supervised no liability can be assumed by the designer or the American Plywood Association. Motion 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.

NOTE: THE SIZE OF THIS BIN IS SUCH THAT IT WILL FIT ON FLATBED TRUCKS. IT CAN BE HANDLED IN STANDARD AUTOMATIC BIN HANDLING EQUIPMENT NOW BEING BUILT. THE INSIDE DEPTH OF 24" IS THE ACCEPTED STANDARD FOR MOST FRUIT AS DETERMINED BY UNIVERSITY RESEARCH.

DESIGNED TO CONFORM TO AMERICAN SOCIETY OF CIVIL ENGINEERS' RECOMMENDED INDUSTRY-WIDE STANDARDS FOR AUTOMATED HANDLING EQUIPMENT ASA E 5.57.

AMERICAN PLYWOOD ASSOC.
FORM NO. 64-515

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
DEPARTMENT OF AGRICULTURAL ENGINEERING
UNIVERSITY OF MARYLAND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

PALLETT BIN 47" X 47"

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