USE WATERPROOF TITEBOND III AT ALL JOINT CONNECTIONS

SPACE END SLATS 5/16" FROM SIDE BOARDS (AT EACH SIDE), THEN EVENLY SPACE SLATS BETWEEN THESE TWO (APPROX. 11/16" SPACE BETWEEN THEM)

FINISH EXTERIOR WITH PRIMER AND PAINT

ENDS
SHEET 2

COMPLETED VIEW

USE AN 18 GAUGE 5/8"
BRADS (OR SIM) TO NAIL
SLATS IN DADO

GLUE THEN STAPLE, NAIL, OR SCREW ENDS.

DRAW CENTERLINE AT
END BOARD AND USE 1 1/2"
BRADS TO NAIL SLATS IN PLACE
(OR NAIL THROUGH TOP WITH
18 GAUGE 5/8" BRADS)

SLATTED RACK PLANS
ORIGINAL DESIGN BY DAVE MANNING, SPARTA, MI
AS DESCRIBED BY RUSTY BURLEW ON HONEYBEESUITE.COM
DRAWN BY MATTHEW WADDINGTON, DUVALL, WA
CHECKED AND CORRECTED BY TIM TRUDEL, BELLINGHAM, WA

MATERIALS NEED: PURCHASE (1) 1X3X96 (OR 1X4 IF
1X3 NOT AVAILABLE) AND
(1) 1X4X96 FOR EACH RACK.
(FOR TWENTY RACKS, PURCHASE (20) 1X2X96 AND
(15) 1X4X96)
SIDE VIEW (INTERIOR FACE)

CUT DADO BY ROUTER OR DADO BLADE (OVERCUT OR CHISEL SQUARE)

"A"

TOP VIEW

"DIM A"

SIDES

2 REQUIRED (MIRROR IMAGES OF EACH OTHER)
CUT FROM 1X3 OR 1X4

SIDE VIEW (INTERIOR FACE)

15 1/2"

"A"

END

TOP VIEW

"DIM A"

3/8"

ENDS

2 REQUIRED CUT FROM 1X3 OR 1X4

DIMENSION "A" CALLED OUT IN THESE DRAWINGS IS THE THICKNESS OF THE 1X MATERIAL USED. USUALLY THIS IS 3/4", BUT VARIES AND WILL AFFECT OTHER DIMENSIONS.

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2

8/15/17 9/30/17
VERIFY LENGTH NEEDED BEFORE CUTTING TO LENGTH.
WILL DEPEND ON FINAL DEPTH OF DADO ON SIDE PIECES

SIDE VIEW (INTERIOR FACE)
THIS DIMENSION CAN BE GREATER, BUT THIS ALLOWS A STD 1X4
TO BE USED. IF GREATER, ADJUST TENON LENGTHS

BOTTOM VIEW

16" 
BEFORE CUTTING TO LENGTH, PUT A FRAME WITH
THE FLAT PIECE TOGETHER (DRY), AND VERIFY THE
REQUIRED LENGTH

SIDE VIEW (INTERIOR FACE)

TOP VIEW

TO MAKE THESE SLATS, START WITH A
1X4 (OR GREATER WIDTH), AND CUT
THE TENON ON A TABLE SAW. THEN RIP
TO SLAT WIDTH.

SLATTED RACK PLANS
DIMENSION "A" CALLED OUT IN THESE DRAWINGS IS
THE THICKNESS OF THE 1X MATERIAL USED. USUALLY
THIS IS 3/4", BUT VARIES AND WILL AFFECT OTHER
DIMENSIONS.

FLAT PIECE
1 REQUIRED
CUT FROM 1X4

SLAT
10 REQUIRED
CUT FROM 1X4 (OR ANY WIDE 1X MTL)