Drawings for a Proposed Standard Top Bar

and for a

Top Bar Hive That Utilizes It

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Suggestions for corrections or design improvements may be submitted via email to:
tj38carr@gmail.com or johnsbradford@gmail.com.
BEESWAX COAT ALL SPLINE SURFACES AFTER ASSEMBLY

SPLINE MATERIAL
RED OAK (RECOMMENDED)

BAR MATERIAL
WHITE PINE (RECOMMENDED)

NOTE: 29 TOP BARS REQUIRED PER HIVE. SUGGESTED 11 SPARES PER HIVE FOR FUTURE HARVEST AND RESOURCE SHARING
TOP BAR

TOP BAR SPLINE

WOOD GLUE JOINT

BEESWAX COAT ALL SPLINE SURFACES AFTER ASSEMBLY

SPLINE MATERIAL
RED OAK (RECOMMENDED)

BAR MATERIAL
WHITE PINE (RECOMMENDED)

SPLINE MUST BE FLUSH WITH TB

TOP BAR HIVE

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DRN: mlr/vpl D: 10-05-12
SCALE: NONE
SHEET 4 OF 17
X = 3 3/16" PLASTIC DADANT ENTRANCE FEEDER
X = 4 9/16" METAL/WOOD DADANT ENTRANCE FEEDER

X = 3 3/16" PLASTIC DADANT ENTRANCE FEEDER
X = 4 9/16" METAL/WOOD DADANT ENTRANCE FEEDER


TOP BAR HIVE
MAT'L: WHITE PINE
BACK BOARD

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SCALE: NONE
SHEET 6 OF 17
NOTE: RIGHT SIDE AS SEEN FROM THE OUTSIDE OF HIVE

TOP BAR HIVE

MAT'L: WHITE PINE

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DRN: mlr/vpl D: 10-05-12
SCALE: NONE
SHEET 7 OF 17
NOTES:
1. GLASS IS 6" x 14"
2. SUGGESTED TOOLS TO CUT RECESS FOR WINDOW GLASS ARE 3/8" RABBETING ROUTER BIT AND WOOD CHISEL AT CORNERS.
RIGHT SIDE WITH WINDOW

TOP BAR HIVE

MAT'L : WHITE PINE

SHUTTER TRACK ARRANGEMENT FOR WINDOW

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DRN: mlr/vpl D: 10-05-12
SCALE: NONE SHEET 9 OF 17
NOTE: AT FINAL ASSEMBLY TRIM FOR GOOD SLIP FIT
SHUTTER TRACK

TABLE OF LENGTH

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GLASS SIZE TO BE 6” x 14”

<table>
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<tr>
<td>1/4”</td>
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<td>3/8”</td>
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INSIDE HIVE BOX SIDE

TOP BAR HIVE

MAT’L : WHITE PINE

GLAZING MOLDS & DETAIL

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DRN: mlr/vpl D: 10-05-12
SCALE: NONE
SHEET 12 OF 17
NOTE: LEFT SIDE WALL AS SEEN FROM INSIDE OF HIVE
ROUND CORNERS AS TRACED FROM MASON JAR LID

NOTE: ROUND CORNERS OF BOTTOM BOARD, IF DESIRED

NOTE: CENTER HIVE TROUGH ON BOTTOM BOARD
FRAME

NOTE: COVER SHOWN UPSIDE DOWN

HARDIE-BOARD 48" X 22 1/2"

BACK

LEFT

FRONT

RIGHT

RAIL DETAIL

TOP BAR HIVE

MAT'L: WHITE PINE 1X2
MAT'L: HARDIE-BOARD

COVER

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DRN: mlr/vpl D: 10-05-12 SCALE: NONE SHEET 15 OF 17
LANDING BOARD CLOSURE

DRILL HOLES FOR SLIP FIT FOR ATTACHMENT SCREWS

PERFORATED METAL

NOTE: TWO LBC NEEDED PER HIVE

TOP BAR HIVE

DOOR: WHITE PINE
SCREEN: PERFORATED METAL
LANDING BOARD CLOSER (LBC)

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DRN: mlr/vpl D: 10-05-12 SCALE: NONE SHEET 16 OF 17
DRILL PILOT HOLES TO SLIP FIT FOR WOOD SCREW FASTENERS, EACH END

NOTE: TWO SLBC ARE REQUIRED PER HIVE