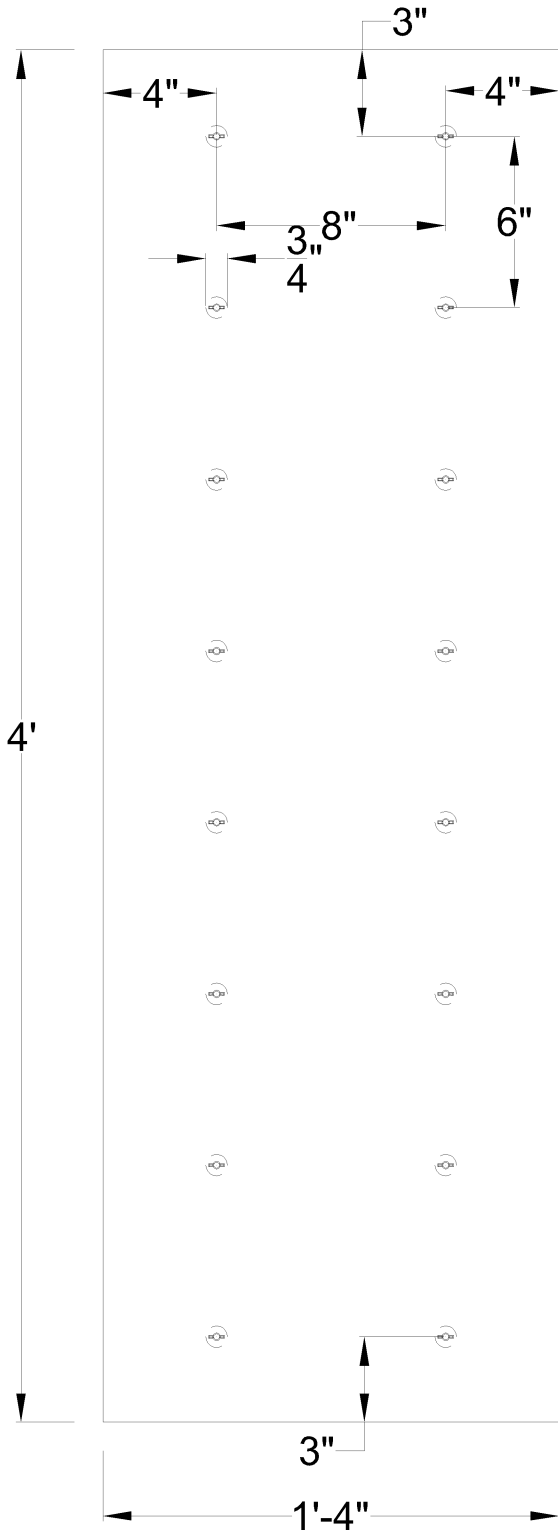


HARDWALL TEMPLATE



A PAPER TEMPLATE IS DOWNLOADABLE FROM THE BUILDBLOCK WEBSITE AND MAY BE PRINTED TO SCALE TO CREATE A SUITABLE TEMPLATE FROM WOOD, SHEET METAL, OR OTHER DURABLE MATERIAL.

TEMPLATES SHOULD BE DRILLED WITH A $\frac{1}{8}$ " - $\frac{3}{16}$ " DRILL BIT. HOLES SHOULD BE PERPENDICULAR TO THE FACE OF THE PLYWOOD.

ALL PLYWOOD FOR FORMS SHOULD BE CUT $\frac{1}{8}$ " SHORT IN LENGTH TO ACCOUNT FOR THE NATURAL ICF FORM SHRINKAGE. HEIGHT MAY BE REDUCED $\frac{1}{16}$ " TO ACCOUNT FOR SHRINKAGE AND COMPRESSION. STANDARD ICF BRACING AND ALIGNMENT SHOULD BE INSTALLED ON THE WOOD SIDE. FOLLOW ALL MANUFACTURER RECOMMENDATIONS FOR INSTALLATION OF ICF BRACING.

IT IS HIGHLY RECOMMENDED TO PRE-DRILL ALL HOLES IN THE HARDWALL PANEL MATERIAL. TO MAKE INSTALLATION UNIFORM AND ASSEMBLY ACCURATE.

A COARSE THREAD, PAN HEAD SCREW SHOULD BE USED TO ASSEMBLE THE FORMS. COUNTERSINK SCREWS SHOULD BE AVOIDED AS THEY CAN PULL THROUGH THE PLYWOOD WHEN CONCRETE PRESSURE IS APPLIED.

TO ASSEMBLE THE FORMS, ALIGN HOLES AND CONNECTORS BY STARTING THE SCREW THROUGH THE PLYWOOD POSITION THE SCREW IN THE CENTER OF THE CAP.

DRIVE THE SCREW FULLY TO THE FACE OF THE PLYWOOD.

DO NOT OVER TIGHTEN THE SCREW, OR SINK THE SCREW INTO THE FORM.

1. PRINT TEMPLATE TO DIMENSIONS IN TITLE BLOCK.
2. CUT TEMPLATE MATERIAL FROM ALUMINUM, STEEL, OR OTHER DURABLE MATERIAL TO DIMENSIONS SHOWN.
3. MARK HOLE LOCATIONS WITH A CENTER PUNCH OR OTHER MARKING DEVICE SUITABLE FOR THE TEMPLATE MATERIAL.
4. DRILL EACH HOLE. USE $\frac{1}{8}$ " TO $\frac{3}{16}$ " DRILL BIT. ENSURE HOLE IS PERPENDICULAR TO TEMPLATE.
5. ADDITIONAL MATERIAL MAY BE ADDED ON 2 SIDES AT A CORNER TO CREATE A LEDGE WHICH WILL ASSIST WITH ALIGNMENT. ENSURE THAT THE LEDGE IS SET ACCURATELY. TEST FINAL TEMPLATE AGAINST PAPER TEMPLATE TO VERIFY.
6. ALIGN PLYWOOD WITH EDGES OF TEMPLATE OR LEDGE.
7. USE TEMPLATE TO MARK OR DRILL HOLES. BUILDBLOCK RECOMMENDS DRILLING THE HOLES TO ENSURE EASY ALIGNMENT WITH THE HARDWALL CONNECTOR AND WASHER CAP.
8. ASSEMBLE HARDWALL FORMS AS PER INSTALLATION MANUAL.

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DATE / REVISION / BY	7-1-23 / 1 / AQ
SCALE	NTS
FILE NAME	1.919 - BBHW