ESS RESINWORKS

1:24 SCALE GARAGE

CONGRATULATIONS! YOU NOW HAVE A GARAGE KIT TO DISPLAY YOUR CREATIONS YOU'VE WORKED SO HARD TO MAKE PERFECT. THE HOURS YOU HAVE SPENT BUILDING YOUR MODELS SHOULD MAKE THE CONSTRUCTION OF YOUR GARAGE VERY SIMPLE. SO SIT DOWN AND ENJOY THE PROCESS. IF YOU TAKE YOUR TIME AND BE PATIENT, YOU WILL HAVE ANOTHER MASTERPIECE TO DISPLAY FOR MANY YEARS TO COME.

NOTES: SUPER GLUE IS YOUR BEST FRIEND WHEN ASSEMBLING YOUR HANGAR. PLEASE FOLLOW THE DIRECTIONS ON YOUR GLUE TO THE TEE FROM START TO FINISH AND YOU WILL HAVE A VERY SOLID STRUCTURE.

RECOMMENDED TOOLS: SUPER GLUE, SUPER GLUE ACCELERATOR (OPTIONAL), HAMMER, SANDPAPER, WOODEN CLOTHES PINS OR BINDER CLIPS.

FLOOR:

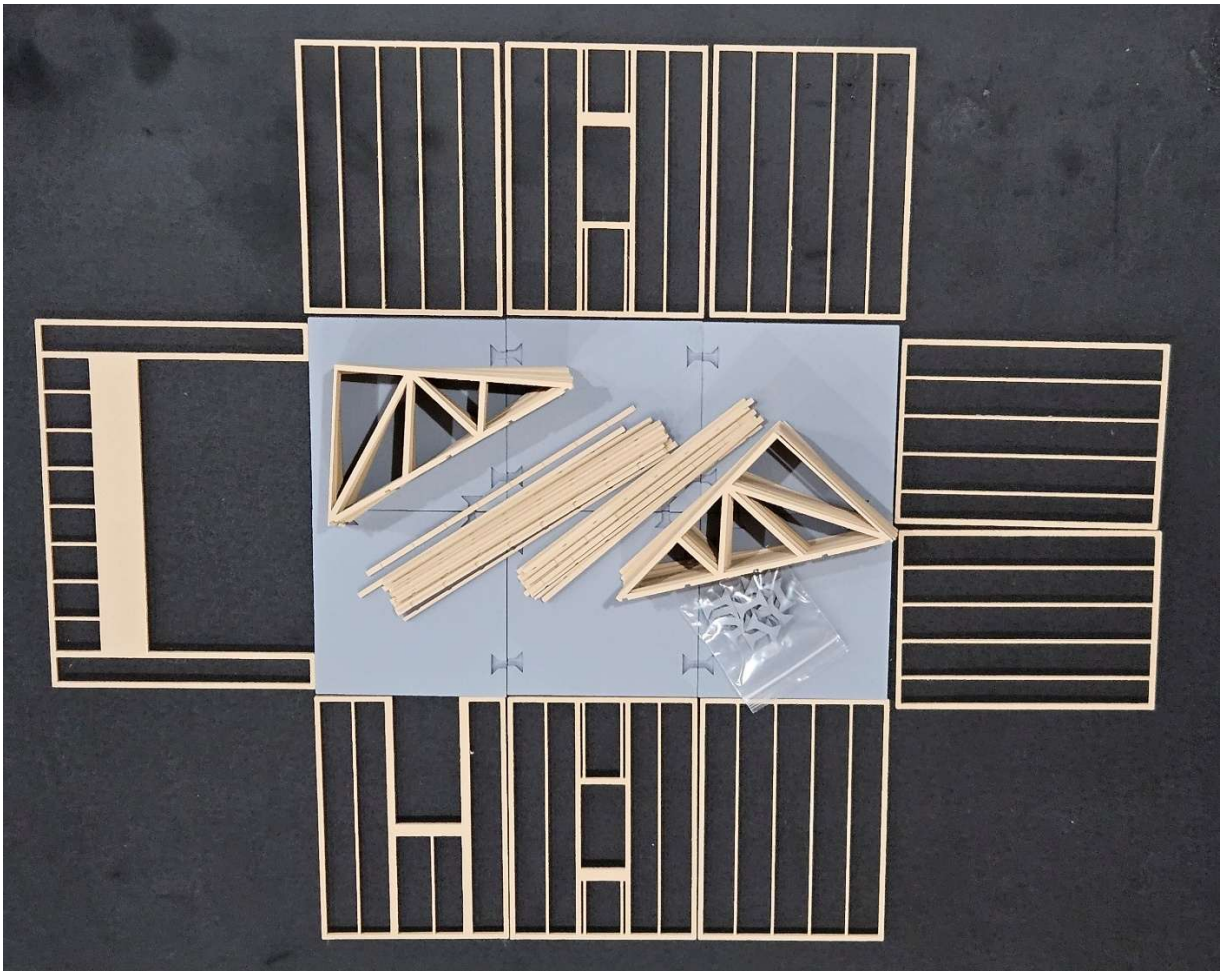
- AC – 4 CORNER SQUARES (HAS 4 NOTCHES)
- AE – 2 EDGE SQUARES (HAS 6 NOTCHES)
- FC – 14 “BOWTIE” CLIPS (2 EXTRAS INCLUDED)

WALLS:

- 01T – 3 BLANK WALL PANELS 125MM WIDE
- 02T – 1 WALL PANEL FOR ENTRY DOOR
- 03T – 2 WALL PANELS WITH WINDOW OPENING
- 20T – 2 BLANK WALL PANELS 120MM WIDE
- 2426T – 1 GARAGE DOOR WALL PANEL

TRUSSES:

- GTL – 16 LEFT SIDE TRUSSES
- GTR – 16 RIGHT SIDE TRUSSES
- GTT – 20 TOP BRACES
- GTB – 8 BOTTOM BRACES
- GTER – 2 RIGHT SIDE FACIA
- GTEL – 2 LEFT SIDE FACIA



FLOOR

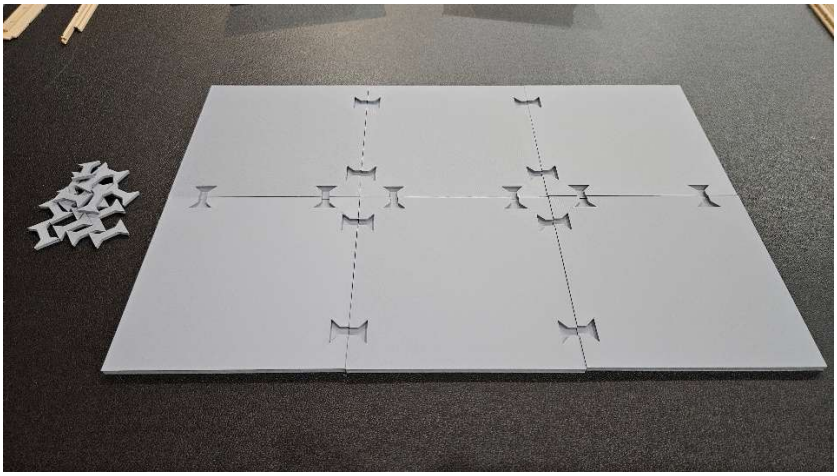


FIG. 1

YOU MUST START LEVEL AND SQUARE TO FINISH LEVEL AND SQUARE. USE A VERY FLAT AND CLEAN SURFACE TO BUILD YOUR GARAGE.

1. LAY OUT YOUR FLOOR TILES. (SEE FIG. 1) BE SURE THAT ALL OUTSIDE EDGES ARE THE SMOOTH SIDE OF THE TILES.
2. HAVE ALL OF YOUR “BOWTIE” CLIPS READY TO GO. THE CLIPS SHOULD FIT PERFECTLY, BUT MAY NEED HELP FROM A SMALL TACK HAMMER.
3. DO NOT APPLY ANY GLUE TO THE EDGES OF THE TILES AS THIS CHANGES THE SIZE OF THE TILE.
4. ONLY APPLY A SMALL DRIP OF GLUE TO EACH SIDE OF THE “BOWTIE” CUTOUT (SEE FIG. 2) AND PRESS THE CLIP INTO PLACE. REPEAT THIS PROCESS ONE CLIP AT A TIME.
5. WHEN FINISHED WITH THE FLOOR ASSEMBLY, FEEL FREE TO SAND THE UNDERSIDE IF THE CLIPS DIDN’T GO ALL OF THE WAY IN OR THERE IS RESIDUAL GLUE COMING FROM THE CRACKS OF THE CLIPS.

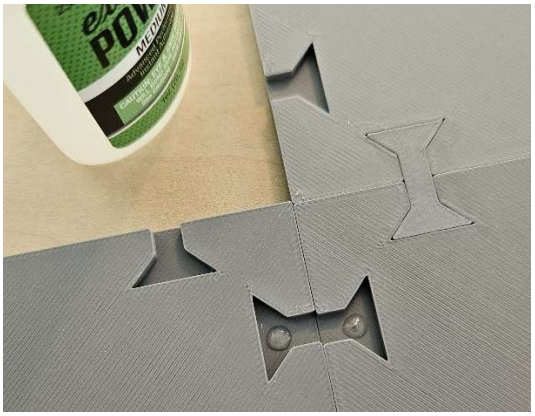


FIG. 2

WALLS

1. BUILD ALL OF YOUR WALLS LAYING FLAT BEFORE ATTACHING THEM TO THE FLOOR.
2. DRY-FIT ALL OF YOUR WALLS BEFORE USING ANY GLUE
3. IF YOU PURCHASED OUR DOORS, WE HAVE DESIGNED THEM SO THEY WILL SLIDE INTO THE WALL SECTION FROM THE BOTTOM AND FIT PERFECTLY WITHOUT THE NEED FOR GLUE. THIS PROCESS MUST BE DONE BEFORE GLUING YOUR WALLS TO THE FLOOR. (SEE FIG 3B)

FIG. 3A

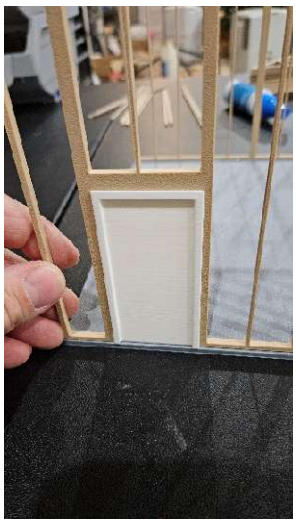


FIG. 3B

1. CLIP THE EDGES OF THE WALL SECTIONS TOGETHER USING 2-3 CLOTHES PINS OR BINDER CLIPS. (SEE FIG. 3)
2. REMOVE ONE CLIP AND ADD A DRIP OF GLUE BETWEEN THE PANELS AND QUICKLY REPLACE THE CLIP.
3. REPEAT THIS PROCESS UNTIL YOUR CLIPS ARE REPLACED WITH GLUE.

NOTES:

IF YOU DO NOT HAVE OUR GARAGE DOOR BUT THINK YOU WILL: YOU CAN STILL BUILD YOUR WALLS AND GLUE THEM TO THE CORNERS OF THE SIDE WALLS. JUST DO NOT GLUE THEM TO THE FLOOR. THE WALL CAN BE FLEXED ENOUGH TO SLIDE THE GARAGE DOOR FRAME INTO THE WALL FROM THE BOTTOM. ONCE YOU INSTALL THE GARAGE DOOR FRAME, YOU MAY GLUE THE WALL TO THE FLOOR. SEE FIG. 5A AND 5B

ATTACH WALLS TO THE FLOOR

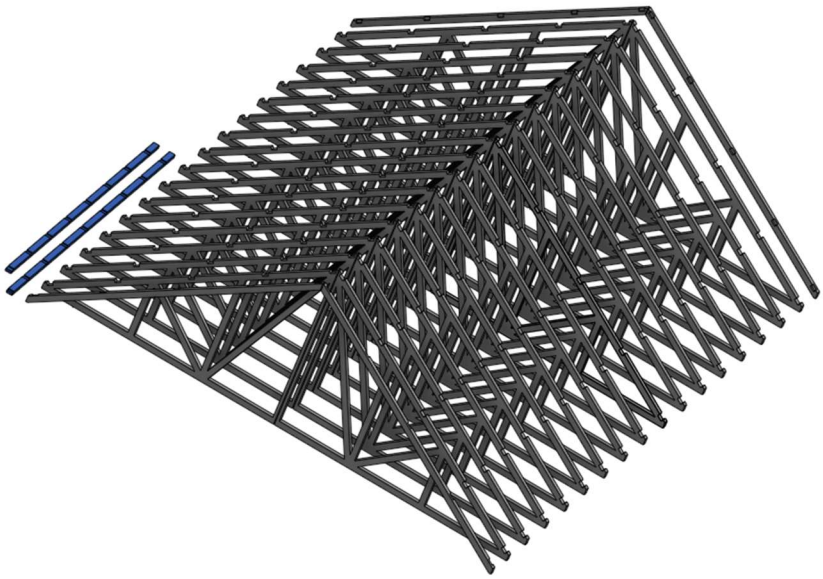
FIG. 4

1. CLIP THE REAR WALL FLUSH WITH THE FLOOR USING AT LEAST 4 CLIPS. LIFT OFF THE CLIP, SEPARATE THE WALL FROM THE FLOOR, APPLY A SMALL DRIP OF GLUE, REPLACE THE CLIP AND REPEAT FOR EACH WALL SECTION.
2. CLIP THE SIDE WALLS FLUSH WITH THE FLOOR USING AT LEAST 4 CLIPS. LIFT OFF THE CLIP, SEPARATE THE WALL FROM THE FLOOR, APPLY A SMALL DRIP OF GLUE, REPLACE THE CLIP AND REPEAT FOR EACH WALL SECTION.
3. ATTACH THE FRONT WALL TO EACH SIDE WALL IN THE SAME WAY.
4. ATTACH THE CORNERS OF THE REAR AND SIDE WALLS IN THE SAME WAY.

NOTE: FRONT AND REAR WALLS SHOULD FIT BETWEEN THE SIDE WALLS

FIG. 5A 5B

TRUSSES



1. YOU SHOULD HAVE 16 LEFT SIDE TRUSSES AND 16 RIGHT SIDE TRUSSES. THEY MAY APPEAR IDENTICLE BUT THEY ARE NOT. IF YOU LOOK CLOSELY, YOU WILL FIND THAT ONE SIDE APPEARS TEXTURED WHILE THE OTHER SIDE APPEARS FLAT WITH NO SHINE. YOU WOULD LIKE FOR THAT SHEEN TO MATCH THROUGHT THE ENTIRE TRUSS.

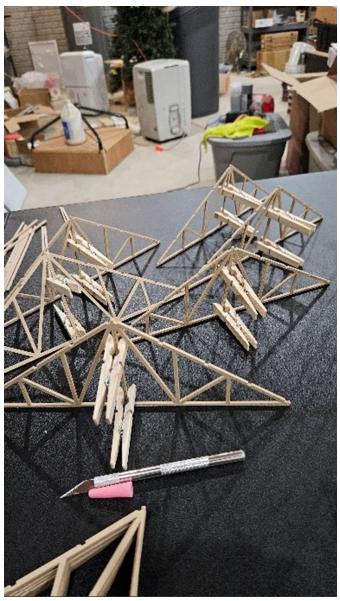


FIG. 6

2. YOU WILL BUILD 16 TRUSS HALVES TOGETHER JUST LIKE YOU BUILT YOUR WALLS. USING 2 CLIPS, ATTACH THE 2 TRUSS HALVES TO EACHOTHER. (SEE FIG. 5) REMOVE 1 CLIP AND ADD A DRIP OF GLUE, THEN REPLACE THE CLIP. REMOVE THE 2ND CLIP, ADD A DRIP OF GLUE AND REPLACE THE CLIP.
3. YOU WILL REPEAT THIS PROCESS 16 TIMES. WE KNOW, WE KNOW. BUT ENJOY THIS PROCESS AND TAKE YOUR TIME. THIS IS A CRUCIAL

PART OF THE PROCESS WHERE THE APPEARANCE OF YOUR FINISHED ROOF STRUCTURE WILL SHINE!

4. LET THESE ALL SIT UPRIGHT, RESTING ON THE CLIP (SEE FIG. 6)

BUILDING THE ROOF SYSTEM

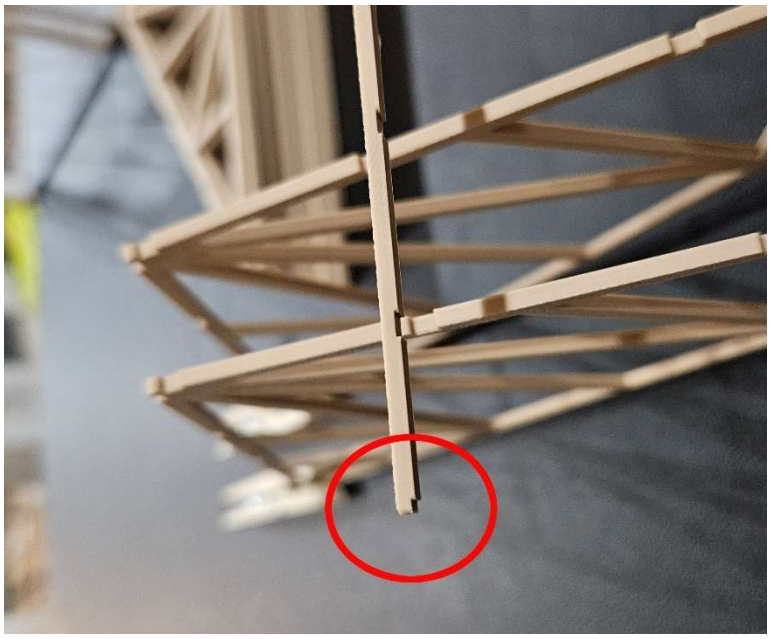
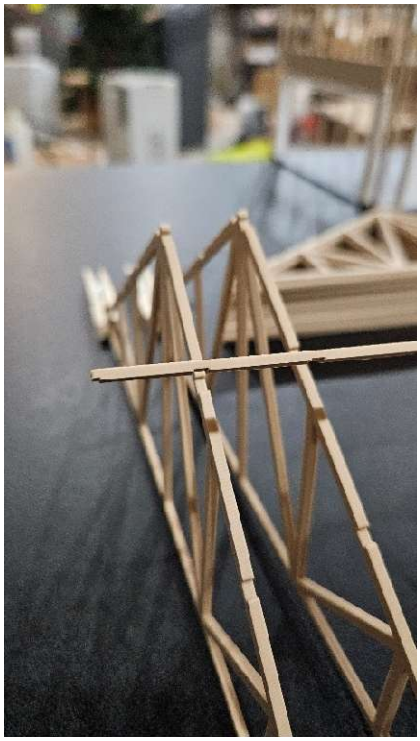
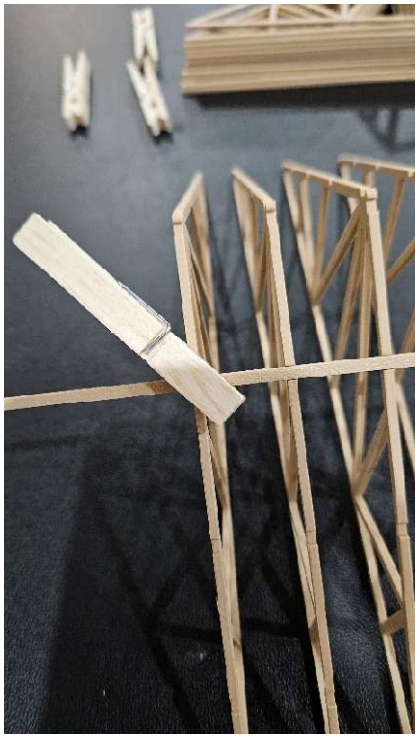
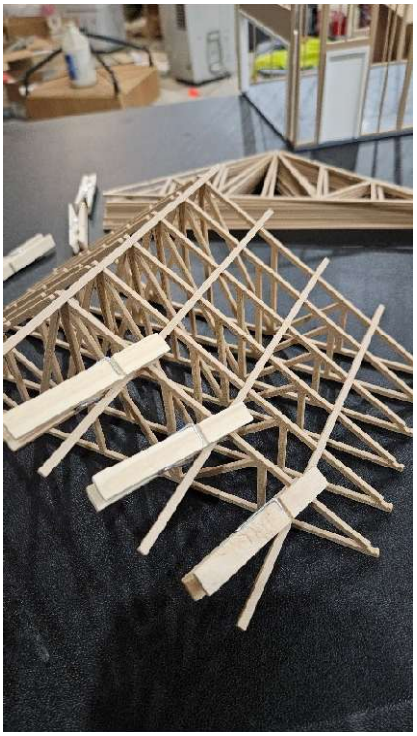


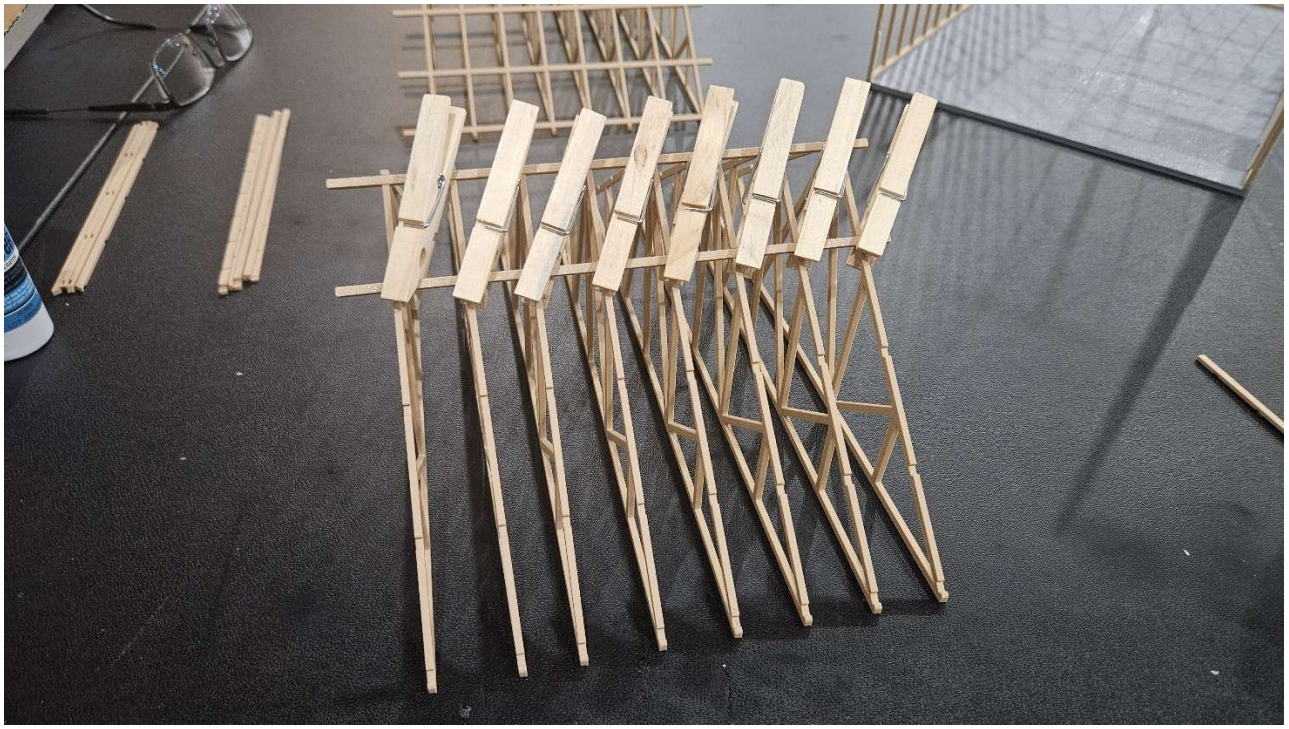
FIG. 7 (GTT)

1. YOU SHOULD HAVE 20 GTT (GARAGE TOP BRACES) AND 8 GTB (GARAGE BOTTOM BRACES). PAY VERY CLOSE ATTENTION TO THE DESIGN OF THE TOP BRACE. IN FIG. 7, YOU WILL SEE THE CIRCLED NOTCH ON THE END OF THE TOP BRACE. THIS END MUST EXTEND BEYOND THE FIRST TRUSS SO THAT YOUR GARAGE HAS AN OVERHANG. THE OPPOSITE END OF THIS BRACE DOES NOT HAVE THIS NOTCH.
2. GLUE THE TOP BRACE TO THE TRUSSES ONE CONTACT POINT AT A TIME. DO NOT ATTEMPT TO GLUE EVERY NOTCH AT ONCE. SUPER GLUE DRIES VERY RAPIDLY AND COULD SET BEFORE YOU GET TO THE LAST NOTCH.
3. THIS IS A LONG PROCESS, BUT YOU WILL DO FINE. AFTER ALL, YOU HAVE CLOTHES PINS TO HELP YOU! (SEE THE PICS ON THE NEXT PAGE FOR REFERENCES TO THE PROCESS)









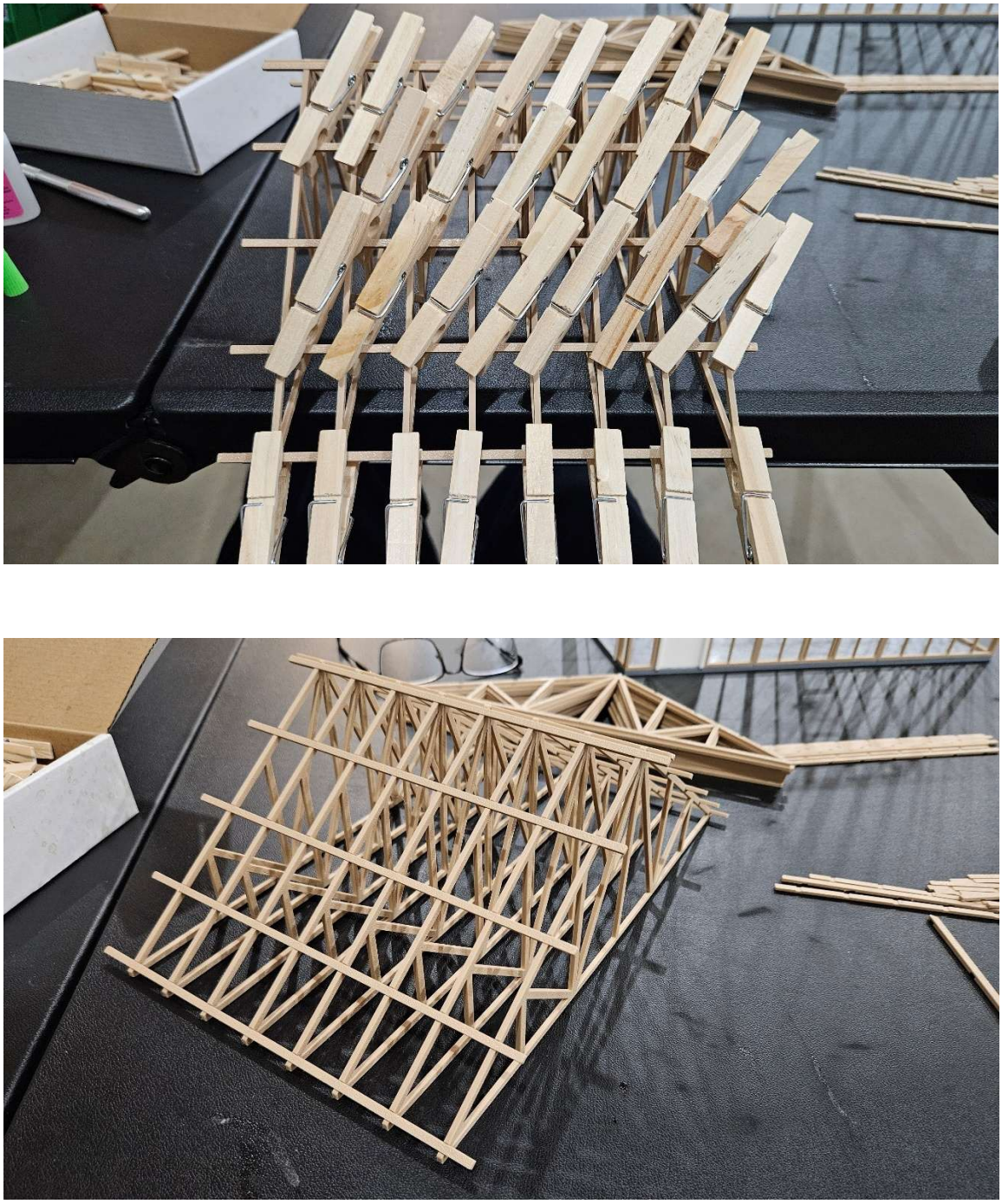
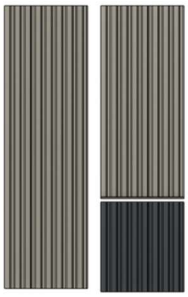


FIG. 8

YOU END UP WITH A FINISHED PRODUCT THAT LOOKS LIKE FIG. 8. REPEATING THE PROCESS ABOVE TWICE, YOU HAVE A COMPLETE ROOF SYSTEM IN 2 PIECES. WE HAVE CHOSEN TO LEAVE OUR DEMO GARAGE ROOF IN 2 SECTIONS SO THAT WE CAN REMOVE HALF OF THE ROOF FOR PICTURE TAKING. IF YOU WANT THE ROOF SYSTEM TO BE ALL ONE PIECE, GTTB (8 PCS. INCLUDED) CAN BE USED AT THE JOINTS OF THE 2 ROOF HALVES.

CONGRATULATIONS! LOOK AT THAT MASTERPIECE YOU JUST BUILT

YOUR GARAGE IS NOW READY FOR SIDING AND ROOFING. THERE ARE SO MANY WAYS TO FINISH, OR ACTUALLY LEAVE UNFINISHED, THE WALLS AND ROOF OF YOUR GARAGE. YOU CAN USE VERY INEXPENSIVE STYRENE SHEETS TO COVER THE INTERIOR WALLS (LIKE DRYWALL) OR YOU CAN LEAVE THEM OPEN, LIKE A LOT OF GARAGES ARE.



FOR SIDING, YOU CAN USE THE OLD POPSICLE STICK METHOD OR YOU CAN CONTACT US FOR OPTIONS. LIKE “METAL” SIDING AND ROOFING AVAILABLE IN SEVERAL COLOR CHOICES. WE CAN ALSO MAKE A WAINSCOTTING OF BRICK OR ANOTHER COLOR OF “METAL” SIDING. YOUR OPTIONS ARE ALL IN YOUR IMAGINATION, AND WE ARE HERE TO HELP.

IF YOU HAVE ANY QUESTIONS OR SUGGESTIONS DURING OR AFTER YOUR BUILD, PLEASE CONTACT US! WE WILL LISTEN TO YOU AND WE WILL HELP!

ESSRESINWORKS@OUTLOOK.COM

REPLACEMENT PARTS ARE ALWAYS AVAILABLE. IF YOU MESSED UP, IT’S OK. IT’S NOT GOING TO BREAK YOUR BANK. WE PROMISE!

VISIT OUR WEBSITE AT WWW.ESSRESINWORKS.COM FOR ACCESSORIES INCLUDING WORKING 12V SHOP LIGHTS, HEATERS, BREAKER BOX, OUTLETS, SWITCHES, METER HEAD AND MORE. THIS LIST WILL CONTINUE TO GROW!