

ASSIGNMENTS FOR 12/3

Advanced	4TH PERIOD	
Alexander Christian Kami Streicher Silva	Ana Balisi Avery Boyer Kaleb Chauran Reese Christensen Lucas Davison Nate Fischler Ellie Fitts Yahir Genaro Kyle Kirkpatrick	Jack Loretz Nolan Moore David O'Briant Van Regle Calum Rezac-Picard Angel Rivera Murillo Lila Roberson Easton Welever Lincoln Zinker

	WORK PRIORITIES	Assignments
1 REAR WALL	- Install the TOP-TOP PLATE of the rear wall by screwing it directly to the bottom edge of the rafter. (3" screws every 12 inches) - Install the BOTTOM-TOP PLATE of the rear wall by screwing it directly to the top-top plate. (3" screws every 12 inches) - Install the BOTTOM PLATE of the rear wall between the tall and short walls. (Use 3" screws every 12 inches) - Layout all framing members on the bottom plate, then transfer all layout marks to the bottom side of the bottom-top plate of the wall using the PLS laser. - Then frame the rear wall. (Studs should be toe-screwed with at least two 3" screws into the plates) - Where possible, use 3" screws to connect adjacent studs or to connect the rear wall to each side wall. Triple-check the check window and heat pump rough openings. Check against the actual dimensions of the window.	Ana Lila Ellie Nate
2 RAFTERS (MAKE & INSTALL)	FIRST CUT RAFTERS FOR THE REAR AND FRONT WALL. Two people can be marking and measuring, and cutting. Two others can be installed. - Two people hold a rafter in place and ensure there is the required 6" overhang at one end, and mark this. Then mark where the heel of each birdmouth should be (USE A SLIDING T-BEVEL TO MARK THESE HEELS). - Then mark out the birds' mouths and cut the birds' mouths with a combination of a circular saw and a jigsaw. TEST FIT WITH EACH RAFTER IN POSITION.	Yahir David Nolan Reese

3 FRONT WALL	• Install the TWO rafters over the front wall that Group #2 will cut for you • After installing the two rafters, install 2x4 blocking between these two rafters so that it is flush with the bottom of the two rafters. This blocking is necessary so that you can attach the top-top plate of the front wall to it. Use 3" screws to secure the blocking. • Install the TOP-TOP PLATE of the front wall by screwing it directly to the blocking between the two rafters. (3" screws every 12 inches, staggered) • Install the BOTTOM-TOP PLATE of the rear wall by screwing it directly to the top-top plate. (3" screws every 12 inches, staggered) • Install the BOTTOM PLATE of the rear wall between the tall and short walls. (Use 3" screws every 12 inches; do not install any screws within what will be the rough opening of the door) • Layout all framing members on the bottom plate, then transfer all layout marks to the bottom side of the bottom-top plate of the wall using the PLS laser. • Then frame the rear wall. (Studs should be toe-screwed with at least two 3" screws into the plates) • Where possible, use 3" screws to connect adjacent studs or to connect the rear wall to each side wall. Triple-check the door rough opening, and check this against the actual dimensions of the door.	Jack Kaleb Kyle
4 SHORT WALL SHEETING	• Install interior sheathing on the side walls. Plywood should be secured with 1-1/4" screws, 6" on edges, 12" in the field, and use the track saw when needed. Make sure joints in plywood on one course do not line up with joints on an adjacent course. BE SURE TO MEASURE DIMENSIONS AT TWO LOCATIONS BEFORE CUTTING PLYWOOD. PIECES MAY NOT BE SQUARE. • When finished here, hopefully, there will be ceiling sheathing that you can put on. If not, help with rafter installation until you can proceed with sheathing installation.	Avery Lincoln Van
5 RAFTER HURRICANE TIES & BLOCKING	• Install one hurricane tie on the exterior wall at each end of each rafter. Install the hurricane with short Tico nails on the top plates and screws on the rafter. Orient the ties so that they do not impact the placement of blocking between the rafters. • Install 2x6 blocking between each rafter. Attach the blocking by screwing through a rafter into the end of the blocking (ideal), or by toe-screwing (which will be necessary some of the time. Ensure the bottom edge of the blocking is flush with the bottom edges of the rafters, and lies within the plane of the bottom of the rafters.	Easton Calum Angel Lucas

INSTALL THE RAFTER BY DOING THE FOLLOWING STEPS ON EACH END:

1. Partially drive a 3" screw into the top plate on one side of the in-place rafter to keep the rafter from moving. Then toe-screw the rafter to the top plate from the other side of the rafter.
2. Install a 2nd toe screw from the other side of the rafter.
3. Install a hurricane tie on the outside wall. **DO NOT USE SCREWS ON THE HURRICANE TIES, USE TICO NAILS.**

NEXT STEPS

- Cut the boards for the porch. 3" screws should be used to secure.
- Install blocking between the rafters. 3" screws should be used to secure.