

ELEVATIONS

Step 1: Establish horizontal lines (use elevation lines in tool pallet)

- a. finish grade (red)
- b. top of foundation 1' up from finish grade (white)
- c. floor line 1' up from foundation (center line green)
- d. ceiling line 8' up from floor line (center line green)
- e. window and door height up 6'8" from floor or down 1'4" from ceiling (blue)
- f. top of footing down 3' from top of foundation (hidden2 blue)
- g. bottom of footing down 10" from top of footing (hidden2 blue)

Step 2: Project vertical lines from floorplan

- a. edges of house including foundation breaks
- b. edges of windows and doors

Step 3: Use Elevation blocks or draw in windows and doors

Step 4: Draw Roof

- a. determine roof pitch (5/12) or 22.6 degrees
- b. use elevation block or start angle from ceiling line (@25' < 22.6)
- c. mirror over to other side
- d. get other gable height from side view or sketch in the side gable
- e. overhang is 12", gable extends only 12"
- f. finish off roof

Step 5: Footings and Foundation

- a. everything below finish grade is blue hidden2 line
- b. use garage footing for crawl space/no basement

Step 6: Finish detailing

- a. gable needs a louver vent (circular, tombstone, octagon, rectangular, triangular, etc)
- b. roof hatch: Use tool pallet
- c. brick hatch: use tool pallet
- d. concrete hatch: use tool pallet
- e. other hatch pattern you will need to use the hatch command