

SPRAY FOAM ATTIC, THERMALLY ENCLOSED
NO ATTIC VENTILATION REQUIRED



CAULK TO BE USED TO SEAL AIR
LEAKS THROUGH CRACKS, GAPS, OR
JOINTS LESS THAN 1/4" WIDE
BETWEEN STATIONARY BUILDING
COMPONENTS AND MATERIALS

ROOF PLAN
SCALE: $1/8" = 1'-0"$
2018 IRC & IECC



1. ALL SLOPES FROM FRONT TO BACK ELEVATIONS ARE 8/12 PITCH AND SHALL HAVE 12" OVERHANG FROM FRAME WALL, UNLESS SHOWN OTHERWISE.
2. ALL SLOPES FROM SIDE TO SIDE ELEVATIONS ARE 10/12 PITCH AND SHALL HAVE 12" OVERHANG FROM FRAME WALL, UNLESS SHOWN OTHERWISE.
3. ALL RAKE OVERHANGS SHALL BE 2' FROM FINISH WALL, UNLESS SHOWN OTHERWISE.
4. ALL ROOF TRUSSES SHALL BE DESIGNED AND ENGINEERED BY OTHERS.
5. ALL RAFTERS SHALL BE 2 x 6 @ 16" O.C. #3 GRAD OR BETTER, UNLESS SHOWN OTHERWISE.
6. ALL CHIMNEYS SHALL HAVE FLASHING AND COUNTER FLASHING 18" ABOVE ROOF SHEATHING. CRICKETS TO BE PROVIDED AS SHOWN.
7. PROVIDE VALLEY FLASHING WHERE ROOF PITCHES CHANGE AND WHERE ROOF INTERSECTS WITH VERTICAL SURFACES.
8. CONTRACTOR SHALL PROVIDE ADEQUATE ATTIC VENTILATION PER BUILDING CODES THROUGH CONTINUOUS SOFFIT VENTS TO RIDGE OR TURTLE VENTS. SEE WALL SECTIONS AND ROOF PLAN FOR LOCATION AND TYPE OF VENTS.
9. GUTTERS AND DIVERSERS TO BE PROVIDED BY CONTRACTOR AS REQUIRED.
10. ALL VALLEYS TO HAVE A MIN. OF ONE SUPPORT
11. PURLINS TO BE @ 8'-0" MAX. SPACING

1. Construction shall conform with all applicable codes and ordinances.
2. Pass thru and bar tops are 42" o.a.f., unless noted otherwise.
3. Provide wood blocking behind ceiling.
4. Closets to have 1 rod and 1 shelf where shown, unless noted otherwise.
5. Linen closets and pantries to have 3-18 inch deep shelves, unless noted otherwise.
6. Ceilings and walls of the garage to be the same as the room with which it has 5/8" gypsum board.
7. Door into the house from the garage to be solid core & self closing.
8. Window header height to be 81" a.f.f., unless noted otherwise.
9. Provide 3/8" water pipe to the ref.
10. Top water heater in the garage to be on 18" high platform, unless noted otherwise.
11. Water heater in the attic to have drip pan.

- a. Framing material (unless noted otherwise).
 - Joists, studs, ceiling joists, roof rafters, door and window headers.
 - F_v 1" = 250 psi
 - E = 1,500,000 psi
 - (Southern Yellow Pine No. 3&d)
- b. Joists.
 - Light 1200 psi
 - F_v 1" = 85 psi
 - E = 1,600,000 psi
 - (Southern Yellow Pine No. 2&d)
- c. Window and door headers 6" and under can be 4".
- d. Walls
 - Joists supporting roof and ceiling only to be 16" o.c.
 - Studs supporting roof, ceiling, and floor to be 16" o.c.
- e. Roof framing.
 - All rafters to be 2x6 @ 16" o.c., unless noted otherwise.
 - Maximum unsupported length to be 7'-11", unless noted otherwise.
 - Joist to be cut from lumber with a grain less than the cut of the rafters.
- f. Ceiling framing.
 - Joists to be 2x6 @ 16" o.c., unless noted otherwise.
- g. Second floor framing.
 - Joists to be 2x10 @ 16" o.c., unless noted otherwise.
 - Joists to have solid or diagonal bracing at intervals not exceeding 10'.
- h. Joists having walls running parallel to joists have blocking at 24" o.c. between joist or sit on blocking.
- i. Conventional light commercial buildings are to conform to 1994 UBC CH 23.

Joist to joist or girder to plate, face nail (3-6d)
 Joisting to joist, end nail (2-8d) (2-8d)
 2x6 subfloor or roof to each plate, face nail (2-8d)
 Water table, let subfloor to each joist, face nail
 2x subfloor to joist or girder, blind and face nail (2-16d)
 Sill plate to joist or blocking, face nail (16d or 16^c)
 Top plate to stud, end nail (2-16d)
 Top plate to stud, face nail (16d or 16^c)
 Double studs, face nail (16d or 24^c)
 Top of top plate to stud, face nail (2-16d)
 Top plate, joist and intersections, face nail (16d or 16^c) (2-16d)
 Top plate, joist and intersections, face nail (16d or 16^c)
 Ceiling joist to plate, top along each edge
 Continuous header to stud, face nail (4-8d)
 Continuous header to stud, face nail (3-16d)
 Header to plate, face nail (3-16d)
 Header to plate to parallel rafters, face nail (3-16d)
 Header to plate, face nail (2-8d)
 1" brace to each stud and plate, face nail (2-8d)
 1" brace to plate, face nail (2-8d)
 Water than 1" x 8" sheathing on 2x6, face nail (3-8d)
 Built-up girder and beams (20d or 32d o.c. at top & bottom)
 2" planks (2-16d or 2-16^c) 2-d at ends and
 at each splice
 Parallels:
 Nail sheathing to (frame) 8d
 Plywood:
 2x subfloor, roof and wall sheathing to (framing):
 1/2" and less (6d)
 3/4" (8d)
 1" (10d or 8d)
 1 1/8" - 1 1/4" (10d or 8d)
 1 1/2" and less (10d or 8d)
 1 3/4" and less (10d or 8d)
 2" (10d or 8d)
 2 1/2" and less (10d or 8d)
 3" (10d or 8d)
 3 1/2" (10d or 8d)
 4" (10d or 8d)
 4 1/2" (10d or 8d)
 5" (10d or 8d)
 5 1/2" (10d or 8d)
 6" (10d or 8d)
 6 1/2" (10d or 8d)
 7" (10d or 8d)
 7 1/2" (10d or 8d)
 8" (10d or 8d)
 8 1/2" (10d or 8d)
 9" (10d or 8d)
 9 1/2" (10d or 8d)
 10" (10d or 8d)
 10 1/2" (10d or 8d)
 11" (10d or 8d)
 11 1/2" (10d or 8d)
 12" (10d or 8d)
 12 1/2" (10d or 8d)
 13" (10d or 8d)
 13 1/2" (10d or 8d)
 14" (10d or 8d)
 14 1/2" (10d or 8d)
 15" (10d or 8d)
 15 1/2" (10d or 8d)
 16" (10d or 8d)
 16 1/2" (10d or 8d)
 17" (10d or 8d)
 17 1/2" (10d or 8d)
 18" (10d or 8d)
 18 1/2" (10d or 8d)
 19" (10d or 8d)
 19 1/2" (10d or 8d)
 20" (10d or 8d)
 20 1/2" (10d or 8d)
 21" (10d or 8d)
 21 1/2" (10d or 8d)
 22" (10d or 8d)
 22 1/2" (10d or 8d)
 23" (10d or 8d)
 23 1/2" (10d or 8d)
 24" (10d or 8d)
 24 1/2" (10d or 8d)
 25" (10d or 8d)
 25 1/2" (10d or 8d)
 26" (10d or 8d)
 26 1/2" (10d or 8d)
 27" (10d or 8d)
 27 1/2" (10d or 8d)
 28" (10d or 8d)
 28 1/2" (10d or 8d)
 29" (10d or 8d)
 29 1/2" (10d or 8d)
 30" (10d or 8d)
 30 1/2" (10d or 8d)
 31" (10d or 8d)
 31 1/2" (10d or 8d)
 32" (10d or 8d)
 32 1/2" (10d or 8d)
 33" (10d or 8d)
 33 1/2" (10d or 8d)
 34" (10d or 8d)
 34 1/2" (10d or 8d)
 35" (10d or 8d)
 35 1/2" (10d or 8d)
 36" (10d or 8d)
 36 1/2" (10d or 8d)
 37" (10d or 8d)
 37 1/2" (10d or 8d)
 38" (10d or 8d)
 38 1/2" (10d or 8d)
 39" (10d or 8d)
 39 1/2" (10d or 8d)
 40" (10d or 8d)
 40 1/2" (10d or 8d)
 41" (10d or 8d)
 41 1/2" (10d or 8d)
 42" (10d or 8d)
 42 1/2" (10d or 8d)
 43" (10d or 8d)
 43 1/2" (10d or 8d)
 44" (10d or 8d)
 44 1/2" (10d or 8d)
 45" (10d or 8d)
 45 1/2" (10d or 8d)
 46" (10d or 8d)
 46 1/2" (10d or 8d)
 47" (10d or 8d)
 47 1/2" (10d or 8d)
 48" (10d or 8d)
 48 1/2" (10d or 8d)
 49" (10d or 8d)
 49 1/2" (10d or 8d)
 50" (10d or 8d)
 50 1/2" (10d or 8d)
 51" (10d or 8d)
 51 1/2" (10d or 8d)
 52" (10d or 8d)
 52 1/2" (10d or 8d)
 53" (10d or 8d)
 53 1/2" (10d or 8d)
 54" (10d or 8d)
 54 1/2" (10d or 8d)
 55" (10d or 8d)
 55 1/2" (10d or 8d)
 56" (10d or 8d)
 56 1/2" (10d or 8d)
 57" (10d or 8d)
 57 1/2" (10d or 8d)
 58" (10d or 8d)
 58 1/2" (10d or 8d)
 59" (10d or 8d)
 59 1/2" (10d or 8d)
 60" (10d or 8d)
 60 1/2" (10d or 8d)
 61" (10d or 8d)
 61 1/2" (10d or 8d)
 62" (10d or 8d)
 62 1/2" (10d or 8d)
 63" (10d or 8d)
 63 1/2" (10d or 8d)
 64" (10d or 8d)
 64 1/2" (10d or 8d)
 65" (10d or 8d)
 65 1/2" (10d or 8d)
 66" (10d or 8d)
 66 1/2" (10d or 8d)
 67" (10d or 8d)
 67 1/2" (10d or 8d)
 68" (10d or 8d)
 68 1/2" (10d or 8d)
 69" (10d or 8d)
 69 1/2" (10d or 8d)
 70" (10d or 8d)
 70 1/2" (10d or 8d)
 71" (10d or 8d)
 71 1/2" (10d or 8d)
 72" (10d or 8d)
 72 1/2" (10d or 8d)
 73" (10d or 8d)
 73 1/2" (10d or 8d)
 74" (10d or 8d)
 74 1/2" (10d or 8d)
 75" (10d or 8d)
 75 1/2" (10d or 8d)
 76" (10d or 8d)
 76 1/2" (10d or 8d)
 77" (10d or 8d)
 77 1/2" (10d or 8d)
 78" (10d or 8d)
 78 1/2" (10d or 8d)
 79" (10d or 8d)
 79 1/2" (10d or 8d)
 80" (10d or 8d)
 80 1/2" (10d or 8d)
 81" (10d or 8d)
 81 1/2" (10d or 8d)
 82" (10d or 8d)
 82 1/2" (10d or 8d)
 83" (10d or 8d)
 83 1/2" (10d or 8d)
 84" (10d or 8d)
 84 1/2" (10d or 8d)
 85" (10d or 8d)
 85 1/2" (10d or 8d)
 86" (10d or 8d)
 86 1/2" (10d or 8d)
 87" (10d or 8d)
 87 1/2" (10d or 8d)
 88" (10d or 8d)
 88 1/2" (10d or 8d)
 89" (10d or 8d)
 89 1/2" (10d or 8d)
 90" (10d or 8d)
 90 1/2" (10d or 8d)
 91" (10d or 8d)
 91