

DESIGN INFORMATION ON 2015 IRC

INCONJUNCTION WITH PLAN [CHECK LIST](#)

A complete cover page is required on all projects, include the following; (See design requirements on plan check list)

- A. Current codes used for project
- B. Design information; Wind speed; 115-B. Seismic; B. Ground snow load; 30#, Soil load; 2000#, Frost depth; 20" (to bottom of footings), Energy Zone; 5B per NMAC & IECC
- C. Flood zone
- D. Index
- E. Plan preparer's complete information; names, current mailing address, phone number
- F. Owner's complete information; names, current mailing address, phone number
- G. Provide floor area breakdown, occupancy type, and construction type on cover page
 - a. Living/heated area
 - b. Open decks
 - c. Covered decks
 - d. Garages
 - e. Storage
 - f. Etc
- H. Provide design calculations on cover page if possible; Wind uplift, continuous footing sizing, brace wall chart/information, etc.
- I. Provide a list of all required documentation for this project; truss calculations and layout, beam calculations, engineering (if any, use project number on engineering plans if possible), number of pages of plans, etc.

Plan Requirements (Numbering matches residential plan check list)

- 1. Show on plans, maybe elevation page
- 2. Must be on floor plans,
- 3. All emergency egress windows are to be identified on the floor plan, specify, type, size, etc.
- 4. All smoke detectors are to be identified on the floor plan
- 5. All carbon monoxide detectors are to be identified on the floor plan
- 6. All safety glaze windows are to be identified on the floor plan
- 7. All exhaust fans are to be identified on the floor plan or electrical plan
- 8. Show dryer duct and termination; include total length of duct on plans
- 9. Also show fire place types
- 10. Must be done at correct locations to be used
- 11. Yes
- 12. Specify material and locations
- 13. Specify material and locations, provide detail(s)

14. Specify material and locations, provide detail(s)
15. Ceiling height is the wall height that rafter bases set on at vaulted areas, should ready; 10' ceiling vaulted.
16. Show door size on plans
17. Show on plans
18. Show location and landings
19. Specify treads width and riser height on plans
20. Information only
21. Provide all information on plans
22. Provide all information on plans

Structural requirements (Numbering matches residential plan check list)

1. Provide all this information and calculations on plans
2. Show on plans or details
3. Show all on details
4. Show on details/plans
5. Show slab thickness, plastic, base, dowelling in non-monolithic pours, etc.
6. Show on plans/details
7. Show on plans/details
8. Information
9. Required, and fill out on permit application
10. Specify , type and construction on plans
11. Show on plans
12. Show on plans and address 2" step down at concrete and 1" at columns
13. Show on plans
14. Information
15. Show and see #20 of this section
16. Show on details/plans
17. Complete plans and details, provide calculations as needed
18. Show on detail
19. Complete plans and details, provide calculations as needed
20. Complete plans and details; provide calculations, locations, types, material, etc.
21. Sow on plans/details
22. Specify on plans
23. Show on detail
24. Show on detail
25. Show details
26. Show on roof plans
27. Complete plans and details; provide calculations, locations, types, material, spacing, etc.
28. Complete plans and details

29. Show on details/plans; include crickets
30. Show on details/plans; include crickets, scuppers or drains and over flows for a 3" in 1 hour rain event
31. Show locations and amounts or calculations on plans

ENERGY REQUIREMENTS (Numbering matches residential plan check list)

1. Show locations and types on plans
2. Show on details/plans and energy form
3. Show on details/plans and energy form
4. Show on details/plans and energy form
5. Show on details/plans and energy form
6. Show on details/plans include air gap above show on energy form
7. Information
8. Information
9. Information
10. Information and show on energy form