

Additions Worksheet

From#:
2010-044

| Information | |
|-------------|--|
| Name | |
| Address | |
| Phone# | |
| Email | |

1. Review all items on this page including the crawl space requirements.
2. Provide a drawing /site plan on Page 2.
 - You may provide extra or larger drawings if required.
 - If you are adding an opening from the new to the old include the size and description of the support for the old roof section
 - Ledgers supporting trusses must be bolted with ½" bolts or lags
 - Window and door sizes are required on the plan
3. Complete the cross section detail Page 3.
 - You may need information from your builder or material supplier
 - You cannot build your own trusses
 - Rafter framing is allowed if it meets NBC 9.23.13 "Roof and Ceiling Framing"
4. Choose and check off the foundation you are using. Three foundations are shown.
 - Slab on grade foundations are not allowed unless engineered
 - All foundations must be below frost unless engineered
 - Some foundations may not be approved for large additions unless engineered
 - You may provide a drawing showing other foundations they will be reviewed to the current NBC.
 - ICF (insulated Concrete Forms) must meet the requirements in 9.15.4 "Foundation walls" for rebar, top and bottom lateral support and designs" a ICF worksheet will be provided with your plan review.
5. No work can commence until you have received your plan review

Heated Crawl Space Check list (This applies to all heated spaces below a floor system)

| | |
|-----------------------------------------------|---------------------------------------------------------|
| Space must be heated to 15 degrees year round | One heat vent for every 80 M ² (861 sq. ft.) |
| Walls Required to be Insulated | Insulation Requires a vapour Barrier |
| Must be ventilated with house system | Have a 6mil rated ground cover |
| Ground cover must be sealed all edges | Ground cover must be weight down e.g.: 2"Sand Cover |

Unheated Crawl Space Check list (This applies to all unheated spaces below a floor system)

| | |
|--------------------------------------------------|------------------------------------------------------|
| Floors Required to be Insulated if heated above | Install Vapour Barrier on warm (house side) of floor |
| Must be ventilated with exterior vents all sides | Have a rated ground cover or concrete skim coat |
| Ground cover must be sealed all edges | Ground cover must be weight down e.g.: 2"Sand Cover |

NOTE: All ICF Walls must be covered if there is: a source of combustion, a furnace, a water heater, over 6' or used for storage or any other purpose. This can be drywall, Plywood, Osb or other approved material.

Cross Section and Foundation: Proposed Addition

Complete all details of the cross section

_____ ROOFING MATERIAL
" SHEATHING, TYPE: _____

12" _____ ROOF SLOPE

INSULATION _____ # OF _____ VENT ROOF AREA 1/300 OF BUILDING SQ. FT.

INSULATION BAFLE

TRUSS MANUFACTURE PROVIDE DESIGNS
RAFTERS (if not trusses): Size _____ Spacing _____ Length _____

2x _____ TOP PLATE

2x _____ FASCIA BOARD

ALUMINUM FACIA AND VENTED SOFFIT

2x _____ STUDS @ _____" O.C.

1/2" GYPSUM BOARD

VAPOR BARRIER EXTERIOR WALLS MUST BE 6-MIL CGSB RATED POLY

SIZE AND TYPE OF _____ SUPPORT OVER ENTRY INTO NEW ADDITION FROM OLD

" R. _____ BATT INSULATION

" SHEATHING W/ _____ LB. FELT

UNDER SIDING _____ SIDING TYPE _____

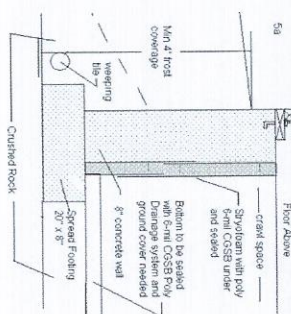
CHOOSE FOUNDATION DETAILS NEXT PAGE

IF INSULATING R. _____ INSULATION _____

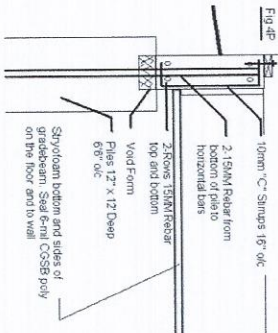
2x _____ JOISTS _____" O.C. WITH _____" PLYWOOD OR OSB GLUED AND NAILED

FINISH GRADE SLOPE AWAY FROM FOUNDATION MIN. 5% FOR A MIN. OF 10'-0"

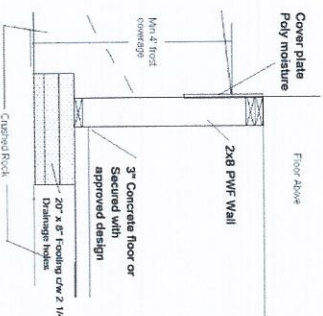
Choose a Foundation Type: (Check one below)



Standard Foundation: ☐ or ICF ☐
Minimum 48" into ground
8" concrete wall with 2 rows of rebar top and bottom.
ICF to NBC 9.15.4 "Foundation Walls"
Standard footing 20" x 8" (or provide details) with 2 rows 10mm rebar
Include weeping tile and dampproofing
Sill plate bolted 1/2" bolts at 8' o/c



Piles and grade beam: ☐
24" concrete grade beam with 2 rows of rebar top and bottom stirrups at 16" o/c
12" x 12" Deep Piles 2-rows 15mm rebar into the pile tied to the beam, void form, piles maximum spacing 6'-6" on-center
Include weeping tile and dampproofing
Sill plate bolted 1/2" bolts at 8' o/c



PWF Foundation: ☐
Minimum 48" into ground
8" PWF wall with moisture barrier
Standard footing 20" x 8" (or provide details) with 2 rows 10mm rebar
Include Drain holes in footing
Meets S406-92 "Construction of Preserved Wood Foundations"

OTHER

- Approved Engineered Design ☐
- Provide designs ☐
 - Other Approved Design ☐
 - Provide drawings ☐