

BONUS ROOM

INSULATION NOTES:

I. PROVIDE R-19 BATT INSULATION IN 2X6 WALLS, R-13 IN 2X4 WALLS, MINIMUM R-38 INSULATION IN FLAT CEILINGS AND R-30 BLANKET INSULATION IN VAULTED CEILINGS, ALLOW 1/2" MINIMUM AIRSPACE BETWEEN SHEATHING AND INSULATION, FACE FOIL DOWN TO WARM SIDE.

2. INSTALL SIDE WALL AND CEILING INSULATION IN CONTINUOUS BLANKETS WITHOUT HOLES FOR ELECTRICAL BOXES, LIGHT FIXTURES OR HEATING DUCTWORK, CAULK ALL OPENINGS IN EXTERIOR WALL

3. INSTALL 6 MIL POLYETHYLENE VAPOR BARRIER AGAINST INSIDE OF ALL INSULATION. LAP JOINTS 18" MINIMUM. 4. FLOORS OVER UNHEATED SPACE SHALL HAVE R-25 FOIL BACK INSULATION BETWEEN JOISTS. 5. SLAB EDGE INSULATION R-5.

6. HVAC DUCTS LOCATED IN UNHEATED SPACES SHALL BE INSULATED

PLUMBING NOTES:

WITH R-8,

ARE CUT INTO.

I. PLUMBING SHALL MEET ALL LOCAL CODES. 2. IF WATER HEATER IS LOCATED ANYWHERE, EXCEPT GARAGE OR BASEMENT, PROVIDE METAL DRAIN PAN WITH AUXILLARY DRAIN TO EXTERIOR.

3. ALL GAS WATER HEATERS SHALL BE VENTED AT TOPOUT. 4. PROVIDE INSIDE MAIN WATER CUT-OFF. 5, PROVIDE BLOCKING IF WALL PLATES OR JOISTS

SECTION NOTES:

3. PROVIDE 2X6 COLLAR TIES AT 48" O.C.

GUARDRAILS SHALL BE MOUNTED AT 36".

I. PROVIDE INSULATION BAFFLES AT EAVE VENTS BETWEEN RAFTERS / TRUSSES.

2. RIDGES, VALLEY AND HIP MEMBERS SHALL BE FULL VERTICAL DEPTH OF FRAMING MEMBERS

4. PROVIDE CONTINUOUS 2X6 PURLINS AT MID-SPAN OF RAFTERS, SPACE AT 8'-6" MAX.

5. PROVIDE 2X4 STRUTS AT 48" O.C. FROM PURLINS TO BEARING WALLS AT 45 MINIMUM ANGLE.

6. HANDRAILS SHALL BE MOUNTED 34" ABOVE NOSING OF STAIRS.

ELECTRICAL LEGEND

SYMBOL DESCRIPTION EXHAUST FAN

CEILING FAN

FLOOD LIGHT

BREAKER BOX

W.P.

CEILING FAN W/ LIGHT EXHAUST FAN W/ LIGHT HEAT, LIGHT AND VENT 4' FLORESCENT LIGHT ____ ---2' X 4' FLORESCENT LIGHT ____ 6" RECESSED CAN LIGHT 3" RECESSED CAN LIGHT WALL MOUNTED LIGHT ELECTRICAL OUTLET 220V ELECTRICAL OUTLET CEILING MOUNTED OUTLET FLOOR MOUNTED OUTLET HIDDEN OUTLET SWITCHED OUTLET SMOKE DETECTOR SWITCH STACKED SWITCHES THREE WAY FOUR WAY GROUND FAULT INTERRUPTER WATERPROOF ELECTRICAL WIRE CABLE TV

TRACK LIGHTING

© 2016 Michael E. Nelson Designs, LLC. NOTICE DUTY OF COOPERATION MICHAEL E. NELSON DESIGNS, LLC or Michael E. Nelson assumes no liability for any HOME constructed from this plan. Release of these plans contemplates further cooperation among the owner, his contractor and the designer. Design and construction are complex. Although the designer and his consultants performed their services with due care and diligence, they cannot guarantee perfection. Communication is imperfect and every contingency cannot be anticipated. Any ambiguity or discrepancy discovered by the use of these plans shall be reported immediately to the designer. Failure to notify the designer compounds misunderstanding and increases construction costs. A failure to cooperate by a simple notice to the designer shall relieve the designer from responsibility for all consequences. Changes made from the plans without the consent of the designer are unauthorized and shall relieve the designer of responsibility for all consequences arriving out of such changes. Only qualified Designer, Architect, Contractor, or Structural Engineer should attempt to modify any portion of this design. Written dimensions on these drawings shall have precedence over scaled dimensions; contractors shall verify and be responsible for all dimensions and conditions on the job. This office must be notified of any variations from the dimensions and conditions shown by these drawings. Shop details must be submitted to this office for approval before proceeding with fabrication or construction.









