



MAIN FLOOR PLAN

1000 SQUARE FEET

- ### ROOF CONSTRUCTION
1. ATTIC ACCESS WHICH TO BE NON-IGN. X 12" DIA. (2"X4-2X4) INSULATE AND VENTILATED.
 2. PROVIDE 5/8" INSULATION TYPE 'R' OR 2" SOL. BOARD OR EQUIVALENT EXTENDING FROM THE EDGE OF THE ROOF A MIN. DISTANCE OF 3" TO 4" TO THE ROOF SLATS TO A LINE NOT LESS THAN 2" FROM THE END OF THE SHIMS AND TO THE EXTERIOR WALL.
 3. START STAIR W/ 4" X 4" SP/2X4 NON-IGN. (SEE DETAIL) OR REPAIR STAIRS TO SAME WIDTH AND QUALITY AS USED ON REPAIR. LIDS WITH TIGHT FINGER JOINT.
 4. HOP AND VALLLET APERTURES TO BE 2" DIA. (1"X2") REPAIR WITH COMMON PLYWOOD.
 5. KEEP BREAKING LOW (7" MAX) ABOVE CIV. CLARE.
 6. KEEP EAVE ZAPPERTS TO BE 2" DIA. X 2" DIA. (1" X 2") 2" EXCEEDING MAX.
 7. TRUSS BRACING REPAIRS TO BE 2" DIA. (1" X 2") COM. AT EACH JOINT (2"X4) SPLY.
 8. PROVIDE 2" DIA. X 12" OR 2" X 12" WALL TIES ABOVE JOINTS OF ATTIC TRUSS CROSS. NON-IGN. (2"X4-2"X4) SPLY. FROM REAR STAIRS UP TO GARAGE.
- ### STAIRS
1. NON-IGN. UP/DO. (4" X 4" SP/2X4) NON-IGN. (SEE DETAIL) OR REPAIR STAIRS TO SAME WIDTH AND QUALITY AS USED ON REPAIR. LIDS WITH TIGHT FINGER JOINT.
 2. NON-IGN. UP/DO. (4" X 4" SP/2X4) NON-IGN. (SEE DETAIL) OR REPAIR STAIRS TO SAME WIDTH AND QUALITY AS USED ON REPAIR. LIDS WITH TIGHT FINGER JOINT.
 3. ALL BRICKER STAIRS SHALL HAVE 2" NON-IGN. (2"X4-2"X4) SPLY. (2" X 4") EXTERIOR.
 4. NON-IGN. HORIZONTAL (DOWN) (2"X4-2"X4) NON-IGN. (SEE DETAIL) OR REPAIR STAIRS TO SAME WIDTH AND QUALITY AS USED ON REPAIR. LIDS WITH TIGHT FINGER JOINT.
 5. HORIZONTAL, HEIGHTS (DOWN) (2"X4-2"X4) NON-IGN. (SEE DETAIL) OR REPAIR STAIRS TO SAME WIDTH AND QUALITY AS USED ON REPAIR. LIDS WITH TIGHT FINGER JOINT.

- ### MECHANICAL VENTILATION
1. DUCT ALL ROOMS, VENTILATION TO OUTSIDE AIR AND INSULATE THROUGH UNGRADED SPACE, PROVIDE HOSE FLAP SHUTTERS AT EACH END OF FAN.
 2. INSTALL A HEAT RECOVERY VENTILATOR (HRV) CONNECTED TO A TYPICAL AIR FURNACE COMPLETE WITH VENTILATION AND CONSISTENT FAN SWITCHES.
 3. WHERE THE PACKAGED COMBUSTION FAN CAPACITY EXCEEDS THE REQUIRED VENTILATED CAPACITY BY MORE THAN 15%, THE EXCESS SHOULD BE PROVIDED TO ALIAS INSULATION OF THE AIR FLOW TO WITHIN +/- 13' X OF THE ROOMS CAPACITY.
- ### NATURAL VENTILATION
- INSULATION SHALL BE INSTALLED AND CHECK CONSTRUCTION OF ALL ROOMS SHALL BE PROVIDED TO THE EXTENT OF THE ROOM SPACE OR AFTER VENTILATION TO INSURE EFFECTIVE AIR CIRCULATION, SPECIAL VENTILATION SUCH AS BOOTHS OR SWITCERS SHALL BE INSTALLED.
- ROOM SPACE OR ATTIC ABOVE INSULATED CEILING SHALL BE VENTILATED WITH PROVISION TO THE EXTERIOR HAVING A TOTAL AREA NOT LESS THAN 1/2" OF THE AREA OF THE ROOMS. SUCH VENTS SHALL BE LEAST 3" DIA. TO PROVIDE MAXIMUM EFFECTIVE AIR CIRCULATION AND BE OPEN THREE FEET ABOVE HEAD OF THE TYPICAL VENT AND ALSO SHALL BE LOCATED AT OR NEAR THE ROOF.
- ### HEATING
- FOR DUCTS IN EXTERIOR WALLS TO HAVE NON-IGN. (2"X4) INSULATION TO PREVENT HEAT LOSS TO THE EXTERIOR. NON-IGN. (2"X4) INSULATION SHALL BE PROVIDED TO THE ROOMS AT EACH END OF THE FAN. INSULATION TO BE NON-IGN. (2"X4) INSULATION SHALL BE PROVIDED TO THE ROOMS AT EACH END OF THE FAN. INSULATION TO BE NON-IGN. (2"X4) INSULATION SHALL BE PROVIDED TO THE ROOMS AT EACH END OF THE FAN. INSULATION TO BE NON-IGN. (2"X4) INSULATION SHALL BE PROVIDED TO THE ROOMS AT EACH END OF THE FAN.

- ### PRODUCTS OF COMBUSTION DETECTORS
- SHOULD BE KEPT CLEAR, STAIRS, AND SINKS.
1. A PRODUCT OF COMBUSTION DETECTOR OR DETECTORS OF THE FOLLOWING TYPES ARE PERMITTED:
 - a. DETECTOR WITH PHOTOELECTRIC SENSITIVE ELEMENT OF THE CO. LINE AND INTRINSIC FIREWORKS OF THE SUPPLY WIRE AND THE DETECTOR OF THE SWALLING UNIT, SUCH AS IN WALLWAY OR OTHER DETECTOR SUCH AS SENSORS OR SLEEPING MOUNTAIN BE DETECTORS IN ROOMS FLOOR.
 - b. DETECTOR OF COMBUSTION DETECTORS AND ALARMS
 - c. DETECTOR OF COMBUSTION DETECTORS OF COMMON LISTED AND LABELLED.
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1. WHERE VENT. THROUGH ROOF ABOVE IS REQUIRED IN A ROOMING UNIT THE ROOF ALARM SHALL BE VENTED TO THE EXTERIOR THROUGH THE ROOF ABOVE. ALL ALARMS VENT SHALL BE KEPT CLEAR OF ALL OBSTRUCTIONS TO THE EXTERIOR WALLS TO BE KEPT CLEAR.
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NO.	REVISION	DATE

- ### LEGEND:
- Ⓢ SINGLE POLE SWITCH
 - Ⓢ3W THREE-WAY SWITCH
 - Ⓧ DUPLEX RECEPTACLE
 - Ⓛ WATERPROOF DUPLEX
 - Ⓛ CEILING LIGHT
 - Ⓛ POT LIGHT
 - Ⓛ WALL MOUNT LIGHT
 - Ⓛ THERMOSTAT
 - Ⓛ INTERCONNECTED A/C SMOKE DETECTOR
 - Ⓛ CARBON MONOXIDE DETECTOR
 - Ⓛ DOOR BELL
 - Ⓛ BATH EXHAUST FAN
 - + HOSE BIBB

GENERAL NOTES:

1. DO NOT SCALE DIMENSIONS. FINISHED DIMENSIONS ONLY SHALL BE USED.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS TO THE CLIENT AND REPORT ALL DISCREPANCIES TO THE CLIENT.
3. GENERAL CONTRACTOR SHALL CONSTRUCT ALL WORK IN ACCORDANCE WITH THE DRAWING BUILDING CODE, MUNICIPAL ORDINANCES, AND ANY OTHER APPLICABLE CODES.
4. ALL DIMENSION DIMENSIONS ARE TAKEN FROM FACE OF EXTERIOR WALL UNLESS OTHERWISE NOTED.

Ruyf Drafting & Design Inc.
AutoCAD Drafting • Design
Engineering Architectural Perspectives
9812 Mountain, Dr. KOD. 150 613-668-2232

Project: **CUSTOM "CHESTNUT" MODEL**
Client: **HENDERSON CUSTOM HOMES**
Drawing Title: **MAIN FLOOR PLAN**
Scale: **1/4" = 1'-0"**
Date: **MARCH, 2010**
Drawn By: **G. RUYF**
Checked By:
Approved By:

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