

Natural gas and propane fireplaces shall be direct-vent (sealed), and pilot-on-demand, interrupted or intermittent ignition systems without a standing pilot light.  
BCBC 9.36.3.10.(2)

Pre-manufactured water hammer arresters required at automatic washers and dishwashers and other fixtures as required to protect the water distribution system from the adverse effects of water hammer. PCBC 2.6.1.9.

Kitchen & Bathroom Exhaust fans complies with BCBC 9.32.3.6 (1) (2).  
Intermittent:  
Kitchen - Minimum 47 l/s or 100 cfm.  
Bathroom - Minimum 23 l/s or 50 cfm.

FIRE PROTECTION FOR GAS, PROPANE, ELECTRIC RANGES, COOK TOPS AND OVENS  
To conform to Section 9.10.22.  
B.C. BUILDING CODE

SHOWER / BATHTUB ENCLOSURES  
Glass other than safety glass shall not be used for a shower or bathtub enclosure.  
Waterproof Wall Finish 400mm (16") above rim of bathtub and 1.2m (48") equipped with shower and 1.5m (71") for shower stalls.

SAFETY GLASS

STAIRS, RAMPS, HANDRAILS and GUARDS to conform to Section 9.8 - B.C. Building Code

The uses of rooms and areas are approved as shown on this floor plan. Any change of use requires RDOS approval.

#### WALL ASSEMBLIES

TYPICAL EXTERIOR WALL  
CLADDING  
WEATHER BARRIER  
3/8" SHEATHING  
2x6 STUD WALL  
R24 BATT INSULATION  
VAPOR/AIR BARRIER  
1/2" GYPSUM BOARD

FROST WALL  
8" CONCRETE WALL  
1" AIR SPACE  
2x6 STUD WALL  
R24 BATT INSULATION  
VAPOR/AIR BARRIER  
1/2" GYPSUM BOARD

GARAGE WALL  
1/2" GYPSUM  
2x6 STUD WALL  
R24 BATT INSULATION  
VAPOR/AIR BARRIER  
1/2" GYPSUM

STONE COLUMN FEATURE  
STONE  
WEATHER BARRIER  
3/8" SHEATHING  
2x4 STUD WALL

TYPICAL INTERIOR WALL  
1/2" GYPSUM BOARD  
2x4 STUD WALL  
1/2" GYPSUM BOARD

2x6 WALL  
1/2" GYPSUM BOARD  
2x6 STUD WALL  
1/2" GYPSUM BOARD

LOAD BEARING INTERIOR WALL  
1/2" GYPSUM BOARD  
2x6 STUD WALL  
1/2" GYPSUM BOARD

#### Smoke Alarms 9.10.19

Hard wired, interconnected smoke alarms required on each storey, including basements, in each sleeping room, and in a location between the sleeping rooms and the remainder of the storey (must be located in hallway if sleeping rooms are served by a hallway).  
Instructions for maintenance and care of smoke alarms are to be posted in a location readily available to occupants for reference.

#### Carbon Monoxide Alarms 9.32.4.2

Required inside each bedroom or within 5 m of each bedroom door in residential occupancies containing a fuel burning appliance or a storage garage. Must be placed in each room containing a solid fuel burning appliance, have no disconnect switch and be mechanically fixed on or near the ceiling unless otherwise recommended by the manufacturer.

Egress from Bedrooms as per current BCBC are required within each bedroom to be openable from the inside without special keys, tools or knowledge with an unobstructed opening of not less than 0.35m<sup>2</sup> (3.77ft<sup>2</sup>) with no dimension less than 380mm (15") unless the bedroom is sprinklered or has an exterior door.

## 1 MAIN FLOOR PLAN

SCALE: 1/4" = 1'-0"

Separation Between Dwelling and Storage Garage shall conform to 9.10.9.16 (3) (4) & (5) - BC Building Code.

AIR DUCT SYSTEMS serving garages shall not be interconnected with other parts of the dwelling unit. As per 9.33.6.7(1) BC Building Code.