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Group Architec

Architecture Interior Design Planning

following:

402.2 Solid Fuel Burning Appliances: Solid fuel burning appliances where the provided with the following:

be provided with the following:

a. Tightly fitting flue dampers, operated by a readily accessible manual or approved automatic control.

EXCEPTION: Fireplaces with gas logs shall be installed in accordance with the International Mechanical Code Section 901, except that the standards for liquefied petroleum gas installations shall be NFPA 58 (Liquefied Petroleum Gas Code) and NFPA 54 (National Fuel Gas) HUTIL controller source for combustion air ducted into the firebox. The shall be at least 6 square inches, and shall be provided with an rable outside air duct damper. EPTION: Washington certified fireplaces shall be installed with the pustion air systems necessary for their safe and efficient combustion perified by the manufacturer in accordance with the Washington e Building Standard 31-2 (WAC 51-50-31200) and IBC Section 2114 2 51-50-2114). fireplaces shall be installed with the for their safe and efficient combustion r in accordance with the Washington C 51-50-31200) and IBC Section 2114

OFAN =

AN = 50 CFM (MIN)
100 CFM © KITCHEN
REQUIRED: BATH (X2), LAUNDRY(1), AND KITCHEN (1) OR
HOLE HOUSE FAN REQUIRED © 95-145

302.3. Requirements for Whole House Ventilation Systems
302.3. Whole House Ventilation Systems: Each dwelling unit shall be
equipped with a whole house ventilation system which shall be capable
of providing the volume of outdoor air specified in Table 3-2 under
normal operating conditions.

EXCEPTION: Maximum flow rates listed in Table 3-2 do not apply to heat
recovery ventilation systems.
302.3.2 Whole House ventilation System Controls: All ventilation system
controls shall be readily accessible. Controls for whole house ventilation
systems shall be conducted in occordance with recognized test methods.
Internitrantly operated whole house ventilation systems shall be
constructed to have the capability for continuous operation, and shall
have a manual control and an automatic control, such as a clock timer. At
the time of final inspections, the automatic control timer shall be
constructed to the control that reads "Whole House ventilation (see
operating instructions)."
302.3.3 Fan Noise: Whole house fans located 4 feet or less from the
interior grille shall have a sone rating of 1.5 or less measured at 0.10
inches water gauge. Manufacturer's noise ratings shall be determined as
per HV1 915 (October 1935). Remotely mounted fans shall be acception.
EXCEPTION: Whole house ventilation systems which are integrated with
forced-air heating systems or heat-recovery ventilation systems are
exempt from the sone rating requirements of this section.
302.3.4 Whole House ventilation Ducts: All ducts shall terminate are
intermittently shall be equipped with back-draft dampers. All exhaust
ducts in unconditioned spaces shall be insulated to a minimum of R-4. All
supply ducts in the conditioned space shall be insulated to a minimum of

TAIRWAYS TANDMAIL \dot{v}

platform.
R311.5.3 Stair treads and risers.
R311.5.3 Stair treads and risers.
R311.5.3 Riser height. The maximum riser height shall be 13/4 inches (196 mm). The riser shall be measy vertically between leading edges of the adjacent treads. The greatest riser height within any flight of shall not exceed the smallest by more than 3/8 inch

R3115.22 Tread depth. The minimum tread depth shall be 10 inches (254 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth in any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 10 inches (305 mm) from the side where the treads are narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the largest winder tread depth at the 12 inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm).

R3115.3.3 Frofile. The radius of curvature at the leading edge of the tread shall be no greater than 9/6 inch (14 mm). A nosing not less than 3/8 inch (19 mm) but not more than 11/4 inch (32 mm) shall be provided on stairways with solid risers. The greatest nosing projection by more than 3/8 inch (9.5 mm) between two stories, including the nosing at the level of floors and landings. Beveling of nosing shall not exceed 1/2 inch (12.1 mm). Risers shall be vertical or sloped from the underside of the leading edge of the tread above at an angle not more than 3/6 degrees (0.51 rad) from the vertical open risers are permitted, provided that the opening between treads does not permit the passage of a 4-inch diameter (102 mm) sphere.

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shall be

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neadroom in all parts sethan 6 feet 8 inches (2036) he sloped plane adjoining loor surface of the landing or

Handrails. Handrails shall be provided on at least be of each continuous run of treads or flight with four

Stairway walking surface. The walking surface ds and landings of stairways shall be sloped no r than one unit vertical in 48 inches horizontal (2-p

Handrails with a circular cross section we an outside diameter of at least 11/4 inches and not greater than 2 inches (51 mm). If drail is not circular it shall have a perimeter on of at least 4 inches (100 mm) and not than 61/4 inches (100 mm) with a maximum sction of dimension of 21/4 inches (51 mm).

II. Handrails with a perimeter greater than 61/4 160 mm) shall provide a graspable finger area on both sides of the profile. The finger shall begin within a distance of 3/4 inch (13 sured vertically from the tallest portion of file and achieve a depth of at least 5/16 inch (10 mm) below the widest portion or or ofile. This required depth shall continue sast 3/8 inch (10 mm) below the tallest portion or offile. The minimumwidth of the handrail the recess shall be 11/4 inches (32 mm) to

nout, starting easing or owed over the lowest

ndrail grip size. All required handrails one of the following types or provide

|× **70**

MINIMUM REQUIRED, LOCATIONS SHOWN ARE THOTORS

MINDOM SCHEDULE

DOUBLE HUNG

ding at the top and bottom of each stairway. Ception: Afloor or landing is not required at the top of interior flight of stairs, including stairs in an enclosed rage, provided a door does not swing over the stairs. Flight of stairs shall not have a vertical rise larger than feet (3658 mm) between floor levels or landings. It will be less than the width of each landing shall not be less than the width the stairway served. Every landing shall have a minimum nension of 36 inches (914 mm) measured in the direction travel.

SECTION R313
SMOKE ALARMS
R3131 Smoke detection and notification. All smoke alarms shall be listed in accordance with UL 217 and installed in accordance with the provisions of this code and the household fire warning equipment provisions of NFPA 12.
Household fire alarm systems installed in accordance with NFPA 172 that include smoke alarms, or a combination of smoke detector and audible notification device installed as required by this section for smoke alarms, shall be permitted. The household fire alarm system shall provide the same level of smoke detection and alarm as required by this section for smoke alarms in the event the fire alarm panel is removed or the system is not connected to a central station.
R313.2 Location. Smoke alarms shall be installed in the following locations:

I. In each sleeping room.

2. Outside each separate sleeping area in the immediate vicinity of the bedrooms.
3. On each additional story of the dwelling, including basements but not including crawl spaces and uninhabitable atthcs. In dwellings or dwelling units with split levels and without an intervening door between the adjacent level, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. R313.3 Power source. In new construction, the required smoke alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source, and when primary power is interrupted, shall receive sower from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection. Smoke alarms shall be permitted to be battery operated when installed in buildings without commercial power or n buildings that undergo alterations, repairs or additions regulated by Section R313.2.1.

> 3/Øx2/6 CASEMENT

0 4,	SCALE: 1/4"=1'-0"	
	PLAN NORTH	TRUE NORTH

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

FILE A2.1	JOB NO. DRAWN CB CHECKED REV. REV. DATE 08/03/09	FLOOR PLANS	WILD ROSE MEADOW 4 BEDROOM OPAL COMMUNITY LAND TRUST
A2.1		IS	OM SE