GENERAL NOTES

1. GENERAL CONTRACTOR TO CONFIRM DIMENSIONS ON-SITE. CONTACT ARCHITECT IF DISCREPANCY IS FOUND BETWEEN PLAN DIMENSIONS AND ON SITE DIMENSIONS, IN AS-BUILT CONDITIONS, OR WITHIN THESE DRAWINGS.

2. CLEAR / MIN. DIMENSIONS SPECIFIED MUST BE MAINTAINED FOR CODE COMPLIANCE OR FIXTURE REQUIREMENTS.

3. DO NOT SCALE DIMENSIONS OR FINISH HATCHES FROM THE DRAWINGS.

2018 UTAH BUILDING CODE 2015 UTAH RESIDENTIAL CODE 2015 IFC 2015 IFGC 2015 IMC 2015 UPC

PROJECT DATA

PROJECT DESCRIPTION

NEW 1-STORY SINGLE FAMILY RESIDENCE

TAX PARCEL NUMBER

LEGAL DESCRIPTION

ENERGY SUMMARY

COMPLY WITH STATE REQUIREMENTS

VERTICAL GLAZING: GLAZED DOORS: SOLID DOORS: ABOVE GRADE WALLS: FRAMED FLOORS: ROOF:

U = 0.30 MAX U = 0.30 MAX U = 0.XX MAXR = 21 MIN + R-10 HEADERSR = 38 MIN R = 38 MIN

APPLICABLE BUILDING CODES

WHOLE HOUSE VENTILATION

UTILITY ROOM:

90 CFM CONTINUOUS THROUGHPUT @ 2.8 CFM/WATT EFFICACY

SOURCE SPECIFIC VENTILATION & EXHAUST

BATHROOMS: KITCHEN:

50 CFM MIN. THROUGHPUT @ 1.4 CFM/WATT EFFICACY 400 CFM MIN. THROUGHPUT @ 2.8 CFM/WATT EFFICACY

AVERAGE GRADE CALCULATION

SITE DEVELOPMENT

LOT SLOPE TBD

GROSS FLOOR AREA

LOT COVERAGE TBD

2245 SF (APPROX)

SHEET IND	ΞX
PROJECT INF	O, SITE PLAN, & SCHEDULES
A001	INDEX, ABBREVIATIONS, & SYMBOLS
A002	ARCHITECTURAL NOTES
A101	SITE PLAN
PLANS	
A200	FOUNDATION PLAN
A201	FIRST FLOOR PLAN
A201.1	FOUNDATION ALT PLAN
A202	ROOF PLAN
ELEVATIONS	
A301	ELEVATIONS (TYP)
A302	ELEVATIONS (TYP)
A303	CABIN 1 ELEVATIONS
A304	CABIN 1 ELEVATIONS
A305	CABIN 2 ELEVATIONS
A306	CABIN 2 ELEVATIONS
SECTIONS	
A401	SECTIONS (TYP)
A402	SECTIONS CABIN 1 & 2
DETAILS	
A601	ARCHITECTURAL DETAILS
DOOR & WIND	OOW DETAILS & SCHEDULES
A701	WINDOW & DOOR DETAILS
A702	WINDOW & DOOR SCHEDULES
ELECTRICAL	
E201	ELECTRICAL PLAN
STRUCTURAL	
S-1.1	STRUCTURAL TITLE SHEET
S-1.2	STRUCTURAL SPECIFICATIONS
S-2.1	SITE FOUNDATION & FLOOR MARRIAGE PLAN
S-2.1A	SITE FOUNDATION & FLOOR MARRIAGE PLAN (ALTERNATE)
S-2.2	ROOF MARRIAGE PLAN
S-3.1	MODULAR FLOOR FRAMING PLAN
S-3.2	MODULAR ROOF FRAMING PLAN
S-5.1	SITE BUILT & MARRIAGE STRUCTURAL DETAILS
S-6.1	MODULAR STRUCTURAL DETAILS

PROJECT DIRECTORY

SITE ADDRESS TBD

OWNER

Whisper Ridge Backcountry Resort 4776 East 2600 North Eden, UT 84310

ARCHITECT

PBW Architects, Inc. Contact: Genevieve Olejnik 224 W Galer St. Seattle, WA 98119 e: genevieve@pbwarchitects.com p: 206.283.9930

MODULAR CONTRACTOR

Method Homes Contact: Ben Stanton 95 Yesler Way, Ste 300 Seattle, WA 98104 e: ben@methodhomes.net p: 206.789.5553

STRUCTURAL ENGINEER

Ashely & Vance Engineering Contact: Jordan Denio 7530 Longley Lne, Ste 105 Reno, NV 89531 e: jordan@ashleyvance.com р: 775.825.4945

0708.2.12 WHISPER RIDGE ADDRESS ADDRESS

PROJECT ARCHITECT SDK

PROJECT NUMBER 0708.2.12 date 4/22/20

DESC.

REVISIONS

NO. DATE

UPDATE SET INDEX, ABBREVIATIONS, & SYMBOLS



224 104

 \triangleleft

S

U ·

klin

C • \geq

Φ

C

ດ

g

0 +

entiss

D L

CODES

All work shall comply with the current edition of the International Residential Codes (IRC) and International Energy Conservation Code (IECC) and any governing state, county, or city amendments to the code. In addition, the current versions of the codes covering plumbing, mechanical, electrical and fire shall be followed. Notify Architect of any discrepancies between the contract documents and the building codes. Work shall be done to current area wide standards and practices by experienced craftsmen.

SCOPE

The Contractor shall verify all existing and new dimensions and job conditions and notify the Architect of any discrepancies prior to proceeding with the work. The Contractor shall be responsible for all safety precautions and the methods, techniques, sequence or procedures required performing the Work.

GRADING

Grade entire area of property to reasonably true and even surfaces. Slope ground away from building walls to facilitate drainage. Grade to uniform levels or slopes between points where grades are noted on drawings. Round surfaces at abrupt changes in level.

Backfill behind retaining walls with free draining, granular fill and provide for subsurface drainage.

Cut slopes for permanent excavations shall not be steeper than 2 horizontal to 1 vertical and slopes for permanent fills shall be not steeper than 2 horizontal to 1 vertical unless substantiating data justifying steeper slopes are submitted.

FOUNDATIONS - Also see Structural Notes for additional requirements.

Assumed allowable wall bearing value 2000 PSF unless indicated otherwise in Geotechnical Report. Foundation footings shall be placed upon firm, undisturbed native soil. Notify Architect if undisturbed soil depth is different form drawings. See structural drawings for minimum footing depth below adjacent grade.

Foundations supporting wood shall extend at least 6 inches above the adjacent finish grade.

Foundations for all buildings where the surface of the ground slopes more than 1 foot in 10 feet shall be level, or shall be stepped so that both top and bottom of such foundation are level.

Individual concrete pier footings shall project a minimum of 8 inches above exposed ground unless the columns or posts which they support are of approved wood of natural resistance to decay or treated wood.

Columns and posts located on concrete or masonry floors or decks exposed to the weather or to water splash or in basements and which support permanent structures shall be supported by concrete piers or metal pedestals projecting above floors unless approved wood of natural resistance to decay or treated wood is used. The pedestals shall project at least 6 inches above exposed earth and at least 1 inch above such floors.

Provide 18 inch minimum crawl space under wood joints and 12 inches under wood girders or be of wood with natural resistance to decay or be pressure treated.

Foundation walls enclosing a basement below finished grade shall be damp proofed outside by approved methods and materials.

WOOD-Also see Structural Notes for additional requirements.

All lumber, plywood, particleboard, structural glued-laminated timber, and jointed lumber, fiberboard sheathing (when used structurally), hardboard siding (when used structurally), piles and poles shall conform to the applicable standards or grading rules specified in the IRC and shall be so identified by the grade mark or a Certificate of Inspection issued by an approved agency.

All lumber, timber, plywood, and poles required to be Treated Wood under shall be identified by the quality mark of an approved inspection agency which maintains continued supervision, testing, and inspection over the quality of the product as specified in IRC.

Delivery and Storage: Keep materials under cover and dry. Protect against exposure to weather and contact with damp or wet surfaces. Stack lumber as well as plywood and other panels; provide for air circulation within and around stacks and under temporary coverings including polyethylene and similar materials.

Frame nailing to be in compliance with Table R602.3(1), IRC.

Wood members entering masonry or concrete require one-half inch net air space on top, sides, and end.

Foundation cripple walls shall be framed of studs not less in size than the studding above. When exceeding 4 feet in height, such walls shall be framed of studs having the size requirements for an additional story. Cripple walls having a stud height less than 14 inches shall be sheathed on at least one side with a wood structural panel that is fastened to both the top and bottom plates or the cripple wall shall be constructed of solid blocking.

For conventional construction, the ends of each joist shall have not less than 1-1/2 inches of bearing on wood or metal, nor less than 3 inches on masonry except where supported on a 1 x 4 ribbon strip nailed to adjacent stud or by approved joist hanger.

Bearing partitions perpendicular to joists shall not be offset from supporting girders, walls, or partitions more than joist depth unless sized to carry the additional load.

Joists under and parallel to bearing partitions shall be of adequate size to support the load. Double joist, sized to support the load, that are separated to permit the installation of piping or vents shall be full depth solid blocked with lumber not less than 2 inches nominal and spaced not more than 4 feet on center.

Solid blocking shall be provided over bearing partitions, walls, and beams.

Fire blocking and draftstopping shall be installed to cut off all concealed draft openings (both vertical and horizontal) and shall form and effective barrier between floors, between top story and a roof or attic space. Fire blocking shall consist of 2 inch nominal

Fire blocking shall be required in concealed spaces of stud walls and partitions, including furred spaces, at the ceiling and floor levels and at 10 foot intervals both horizontally and vertically; At all interconnections between concealed vertical and horizontal spaces such as soffits, drop ceilings and cove ceilings; Between stair stringers at top and bottom and along run between studs; In openings around vents, pipes, ducts and similar openings with afford a passage for fire at ceiling and floor levels, with approved non-combustible materials. All spaces between chimneys and floors and ceilings through which chimneys pass shall be fireblocked with noncombustible material securely fastened into place to a depth of 1 inch and shall only be placed on strips of metal or metal lath laid across the spaces between combustible material and the chimney.

All wood exposed to weather, such as wood used for deck framing including decking, railings, joists, beams, and posts shall be an approved species and grade of lumber pressure treated and/or decay-resistant heartwood of redwood, black locust or cedars.

ROOF

Roof sheathing shall be in accordance with IRC roof sheathing. Panels exposed in outdoor applications shall be bonded with exterior glue identified as Exposure 1. Application of roof covering materials shall be in accordance with IRC.

The net free ventilating area of enclosed rafter or attic spaces or other enclosed but unheated spaces shall be not less than 1/150 of the area of each space to be ventilated, except that the area may be 1/300, provided that at least 50% and not more than 80% of the required ventilating area is located at least 3 feet above eave or cornice vents with the balance being provided by the eave or cornice vents, or if a vapor retarder not exceeding a 1 perm rating is installed on the warm side of the insulation. The vent area openings shall be covered with an IRC approved corrosion-resistant material provided that the least dimension of the covering shall not exceed one-quarter inch.

Trusses. Trusses as shown on drawings are only representations; actual truss configuration may vary per manufactures design. Stress analysis and drawings/details shall be stamped by an approved State of Washington Registered Engineer. (Drawings/details shall be provided to building officials and approved prior to installation.) Pre-manufactured trusses shall be identified by manufacturer's stamp. Girder and field identification of light metal plate connected trusses is required. Information branded, marked, or otherwise permanently affixed to each truss shall contain the following: 1) identification of the truss manufacturing company; 2) the design load; and 3) the truss spacing. Engineering data and details shall be approved by the Architect before any field cuts or truss alterations. All roof trusses shall be so framed and tied into the framework and supporting walls so as to form an integral part of the whole building. Roof trusses shall have joints well fitted and shall have all tension members well tightened before any load is placed upon the truss. Diagonal and sway bracing shall be used to brace all roof trusses.

EGRESS

Basements and every sleeping room shall have at least one operable window or exterior door approved for emergency escape or rescue. Escape or rescue windows shall have a minimum net clear opening of 5.7 square feet. The minimum net clear opening height dimension shall be 24 inches. The minimum net clear opening width dimension shall be 20 inches. Where windows are provided as a means of escape or rescue, they shall have a finished sill height not more than 44 inches above the floor. Emergency escape and rescue openings shall be operational from the inside of the room without the use of keys or tools.

All corridors shall be not less than 36 inches wide. Not less than one exit door shall be provided for direct access to the exterior without requiring travel though a garage. The required exit door shall be side-hinged not less than 3 feet in width and 6 feet 8 inches in height. A floor or landing is required on each side of the exit door. The floor or landing at the exit door shall not be more than 1 1/2-inches lower than the top of the threshold. Other than the required exit door where a stairway of two or fewer risers is located on the exterior side of a door a landing is not required for the exterior side of the door. Floors or landings at exterior doors other than the required exit door shall have a rise less than 7 3/4-inch below the top of the threshold, provided the door, other than an exterior storm or screen door does not swing over the landing. The width of each landing shall not be less than the door served Every landing shall have a minimum dimension of 36 inches measured in the direction of travel.

STAIRWAYS & RAILS

1/2-inch gypsum board.

Stairways: Maximum riser height 7 3/4-inches, minimum tread depth 10 inches, headroom minimum 6 feet 8 inches, minimum width 36 inches. Handrails shall be provided on at least one side of each continuous run of treads or flight with four or more risers Handrail ends shall be returned or shall terminate in newel post or safety terminals. Handrails height shall be not less than 34 inches and not more than 38 inches above slope plane adjoining the tread nosing. Handrails with circular cross section shall have an outside diameter of at least 1 1/4-inches and not greater than 2-inches. Non circular handrails shall have a perimeter dimension of at least 4-inches and not greater than 6 1/4-inches with maximum cross section dimension of 2 1/4-inches. Handrails adjacent to a wall shall have a space of not less than 1 1/2-inches between the wall and the handrail.

Stairs, exit balconies and similar exit facilities shall be positively anchored to the primary to resist both vertical and lateral forces. Such attachment shall not be accomplished by use of toenails or nails subject to withdrawal.

When decks, screened porches, balconies or raised floor surfaces are more than 30 inches above the floor or grade below shall have guards not less than 36 inches in height. Open sides of stairs with total rise of more than 30 inches above the floor or grade below shall have guards not less than 34 inches in height measured vertically from the nosing of the treads. Intermediate rails or ornamental closures are required that do not allow passage of a sphere 4 inches or more in diameter. Triangular openings created by stair risers, treads and bottom rail shall not allow the passage of a 6 inch sphere.

GLAZING

HAZARDOUS LOCATIONS: Each pane of glazing installed in hazardous locations shall be visibly labeled with a non-removable label that designates the type and thickness of glass and safety glazing standard. The following shall be considered specific hazardous locations for the purposes of glazing:

1. Glazing in swinging doors except jalousies. 2. Glazing in fixed and sliding panels of sliding door assemblies and panels in sliding and bifold closet door assemblies.

3. Glazing in storm doors.

4. Glazing in all unframed swinging doors.

5. Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches measured vertically above any standing or walking surface.

6. Glazing in an individual fixed or operable panel adjacent to a door where the nearest vertical edge is within a 24 inch arc of the VENTILATION door in a closed position and whose bottom edge is less than 60 inches above the floor or walking surface. Ventilation. All habitable rooms shall be provided with aggregate glazing area of not less than 8 percent of the floor area of such 7. Glazing in an individual fixed or operable panel, other than those locations described in Items 5 and 6 above, that meets all of the rooms. Ventilation shall comply with the VIAQ. following conditions:

7.1 Exposed area of an individual pane greater than 9 square feet. 7.2 Bottom edge less than 18 inches above the floor. 7.3 Top edge greater than 36 inches above the floor.

7.4 One or more walking surfaces within 36 inches horizontally of the glazing. 8. All glazing in railings regardless of an area or height above a walking surface. Included are structural baluster panels and nonstructural in-fill panels. 9. Glazing in walls and fences enclosing indoor and outdoor swimming pools, hot tubs and spas where th5422332 ye bottom edge

of the glazing is less than 60 inches above a walking surface and within 60 inches horizontally of the water's edge. This shall apply Whole house ventilation systems may consist of whole house exhaust, integration with forced-air systems or dedicated heat to single glazing and all panes in multiple glazing. recovery ventilation systems. Whole house exhaust systems shall meet the following requirements: CFM Min. Requirements 10. Glazing adjacent to stairways, landings and ramps within 36 inches horizontally of a walking surface when the exposed surface of the glass is less than 60 inches above the plane of the adjacent walking surface. 11. Glazing adjacent to stairways within 60 inches horizontally of the bottom tread of a stairway in any direction when the exposed surface of the glass is less than 60 inches above the nose of the tread.

GLAZING (CONT.)

EXCEPTION: The following products, materials and uses are exempt from the above hazardous locations: 1. Openings in doors through which a 3-inch sphere is unable to pass. 2. Decorative glass in exception items, 1, 6 or 7. 3. Glazing in hazardous locations, item 6, when there is an intervening wall or other permanent barrier between the door and the

glazing. 4. Glazing in hazardous locations, item 6, in walls perpendicular to the plane of the door in a closed position or where access through the door is to a closet or storage area 3 feet or less in depth. Glazing in these applications shall comply with hazardous location item 7.

5. Glazing in hazardous locations, items 7 and 10, when a protective bar is installed on the accessible side(s) of the glazing 36 inches ± 2 inches above the floor. The bar shall be capable of withstanding a horizontal load of 50 pounds per linear foot without contacting the glass and be a minimum of 1 1/2-inches in height. 6. Outboard panes in insulating glass units and other multiple glazed panels in hazardous locations, item 7, when the bottom edge of the glass is 25 feet or more above grade, a roof, walking surface, or other horizontal [within 45° of horizontal] surface adjacent to the glass exterior.

7. Louvered windows and Jalousies complying with the following: Regular, float, wired or patterned glass shall be no thinner than nominal 3/8-inch and no longer than 48 inches with smooth exposed edges. Longitudinal edges may not have exposed wire. 8. Mirrors and other glass panels mounted or hung on a surface that provides a continuous backing support. 9. Safety glazing in hazardous locations, Items 10 and 11 is not required where: 9.1 The side of a stairway, landing or ramp has a guardrail or handrail, including balusters or in-fill panels, complying with the

provisions of Sections 1012 and 1607.7 of the International Building Code; and 9.2 The plane of the glass is greater than 18 inches from the railing.

FINISH CARPENTRY

Fasteners and Anchorages: Provide nails, screws and other anchoring devices of type, size, material and finish suitable for intended use and required to provide secure attachment, concealed where possible. Hot-dip galvanized fasteners for work exposed to exterior and high humidities to comply with ASTM A 153.

Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces from maximum length of lumber available. Cope at returns, miter at corners to produce tight fitting joints. Use scarf joints for end-to-end joints.

Install finish carpentry work plumb, level, true and straight with no distortions. Shim as required using concealed shims. Scribe and cut finish carpentry items to fit adjoining work. Anchor finish carpentry work securely to supports and substrates, using concealed fasteners and blind nailing where possible. Use fine finishing nails for exposed nailing except as indicated, countersunk and filled flush with finished surface.

FLASHINGS

All flashings to be 26 GA galvanized metal or aluminum alloy anodized finish. Install flashings in all locations to make building watertight. These areas would include but not be limited to copings, caps, gravel stops, beam caps, drip caps over doors windows and other openings, and roof and wall intersections.

Enclosed accessible space under stairs shall have walls, under stair surface and any soffits protected on the enclosed side with

CAULKING AND SEALANT

Each dwelling unit shall be provided with heating facilities capable of maintaining 70 degrees F at a point 3 feet above the The following openings in the building envelope shall be caulked or otherwise sealed to limit infiltration. Around glazing and door frames, between the unit and the interior sheet rock or the rough framing as shown in details with spray foam sealer; Between all floor in all habitable rooms at the 97 ½% outside design temperature for the location of the building. exterior wall sole plates and the structural floor, using two rows of caulking as shown in details; Over all framing joints where floors over conditioned spaces intersect exterior walls (e.g. at rim and band joists) as shown in details; Around openings in the building Liquefied petroleum gas burning appliances shall not be installed in a pit, basement, or similar location where heavier-thanenvelope for ducts, plumbing, electricity, telephone, and cable television lines in walls, ceilings and floors; At openings in the ceiling, air gas might collect. Appliances so fueled shall not be installed in an above grade under floor space or basement. (e.g. where ceiling panels meet interior and exterior walls; at exposed beams, masonry fireplaces, woodstove flues, etc.); At Appliances designed to be in a fixed position shall be securely fastened in place. Supports for appliances shall be designed penetrations. All openings in the air barrier including spaces around plumbing, electric conduits and boxes, and telephone service entrances. Penetrations of exterior ceilings and walls by metal insulted flues shall be sealed according to manufacturer's and constructed to sustain vertical and horizontal loads within the stress limitations in the building code. specifications; at recessed lighting fixtures in unheated areas, seal around the exterior can to be air tight, the mounting flange on the exterior can is caulked to the GWB. At electrical outlets; seal gaps between GWB and outlet box.

Access Hatches and Doors. Access doors from conditioned spaces to unconditioned spaces (e.g., attics and crawl spaces) shall be weather-stripped and insulated to a level equivalent to the insulation on the surrounding surfaces. Access shall be provided to all equipment which prevents damaging or compressing the insulation. A wood framed or equivalent baffle or retainer must be provided when loose fill insulation is installed to prevent fill from spilling into conditioned space and to maintain installed R-value.

INSULATION

Clearances. Where required, insulation shall be installed with clearances according to manufacturer's specifications. Insulation shall be installed so that required ventilation is unobstructed. For blown or poured loose fill, insulation clearances shall be maintained through installation of a permanent retainer.

All insulation materials, including facings such as vapor barriers or breather papers, installed within floor/ceiling assemblies, roof/ceiling assemblies, walls, crawl spaces, or attics shall have a flame-spread rating of less than 25, and a smoke density not to exceed 450 when tested in accordance with ASTM E84-01. EXCEPTIONS: 1.) foam plastic insulation shall comply with Section 2603 of the International Building Code; and 2.) when such materials are installed in concealed spaces of Types III, IV and V construction, the flame spread and smoke developed limitations do not apply to the facing, provided that the facing is installed in substantial contact with the unexposed surface of the ceiling, floor, finish. 3.) Cellulose insulation shall comply with section 719 of the International Building code.

Walls. All wall insulation shall fill the entire cavity. Exterior wall cavities isolated during framing (such as behind bathtubs and showers) shall be fully insulated to the levels of surrounding walls. All faced insulation shall be face stapled to avoid compression.

Floors. All floor insulation shall be installed in a permanent manner in substantial contact with the surface being insulated. Insulation supports shall be installed so spacing is no more than 24 inches on center. Foundation vents shall be placed so that the top of the vent is below the lower surface of the floor insulation.

Slabs. Perimeter insulation installed on the inside of the foundation wall shall extend downward from the top of the slab for a CARBON MONOXIDE DETECTORS minimum of 24 inches or downward and then horizontally beneath the slab for a combined minimum of 24 inches. Insulation Carbon monoxide alarms shall be installed outside each separate sleeping area in the immediate vicinity of the bedrooms in installed on the outside of the foundation shall extend downward a minimum 24 inches or to the frostline or for monolithic slabs from dwelling units which fuel-fired appliances are installed or in dwelling units that have attached garages. the top to the bottom of the footing. Above grade insulation shall be protected. Thermal breaks shall be placed in the slab between conditioned and unconditioned spaces. The entire area of a radiant slab shall be thermally isolated from the soil with minimum R-10 insulation. The insulation shall be an approved product for its intended use. If a soil gas control system is present below the radiant slab, which results in increased convective flow, the slab shall be thermally isolated from the sub-slab gravel layer.

Below-Grade Walls. Below grade exterior wall insulation (cold) side of the wall shall extend from the top of the below grade wall to the top of the footing and shall be approved for below-grade use. Above grade insulation shall be protected. Insulation used on the interior (warm) side of the wall shall extend from the top of the below-grade wall to the below-grade floor level.

WHOLE HOUSE MECHCANICAL VENTILATION Whole house ventilation system shall comply with the relevant state codes, for sizing, controls, ducting, noise and other requirements.

Exhaust fans providing source specific ventilation shall have minimum fan flow rating not less than 50 CFM at 0.25 inches water gauge for bathroom laundries or similar rooms and 100 CFM at 0.25 inches water gauge for kitchens.

	# OF	BEDRO	JOIN2		
SF	0-1	2-3	4-5	6-7	>7
<1500	30	45	60	75	90
1501-3000	45	60	75	90	105
3001-4500	60	75	90	105	120
4501-6000	75	90	105	120	135
6001-7500	90	105	120	135	150
>7500 105	120	135	150	165	

Outdoor air shall be supplied by either mechanical means or with individual room outdoor air inlets. Individual room outdoor air inlets shall have a controllable and secure opening and be capable of a total opening area of not less than four square inches and tested by a nationally recognized standard or approved agency and located to avoid drafts.

Domestic kitchen range ventilation and domestic clothes dryers shall be of metal and have smooth interior surfaces. Ducts shall be substantially airtight and shall comply with the provisions of the IRC. Exhaust ducts shall terminate outside of the building and be equipped with back draft dampers. Domestic clothes dryers shall be exhausted directly to the outside if in an area that is habitable or containing other fuel burning appliances and shall meet the provisions of the IRC, as well as clothes dryer manufacturer's instructions and recommendations. Dryer exhaust ducts shall terminate on the outside of the building and shall be equipped with a backdraft damper. Ducts shall not be connected or installed with sheet metal screws or other fasteners which will obstruct the flow. Unless otherwise permitted or required by the dryer manufacturer's instructions and approved by the building official, dryer exhaust ducts shall not exceed a total combined horizontal and vertical length of 15 feet, including two 90 degree elbows. Five feet shall be deducted for each 90 degree elbow in excess of two.

FIREPLACES

Hearth Extensions. Hearths shall extend at least 16" from the front of, and at least 8" beyond each side of, the fireplace opening. Where the fireplace opening is 6 square feet or larger the hearth extension shall extend at least 20" in front, and at least 12" beyond each side of the fireplace.

Combustible materials shall not be placed within 2 inches of fireplace, smoke chamber or chimney walls. Combustible material shall not be placed within 6 inches of the fireplace opening. No such combustible material within 12 inches of the fireplace opening shall project more than 1/8" of each 1" clearance from such opening.

HEATING SYSTEMS

All fuel burning equipment shall be provided with combustion air and meet the provisions of and Chapter 14 IRC and amy state ventilation requirements. Appliances located within the building envelope shall obtain combustion air from outdoors. Heating equipment located within the Building Envelope shall be thermally isolated from the heated area.

Every appliance designed to be vented shall be connected to a venting system complying with the IRC.

Every factory built chimney, Type L vent, Type B gas vent, or Type BW gas vent shall be installed in accordance with the terms of its listing, manufacturer's instructions, and the applicable provisions of IRC.

Vent connectors shall be installed within the space or area in which the appliance is located and shall be connected to a chimney or vent in such a manner as to maintain the clearance to combustibles per IRC.

Thermostat-Wall thermostat, low voltage, heat anticipating. Four time periods per day with intelligent recovery feature.

SMOKE DETECTORS

Smoke alarms shall be installed in the following locations, coordinate with drawings:

1. 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 crawlspaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

All alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the dwelling unit. The alarms shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed. The required smoke alarms shall receive their primary power from the building wiring and be equipped with a battery backup. The detector shall emit a signal when the batteries are low.

224 104

U ·

klin

C

• _____

3

Φ

C

σ

g

0

entiss

Q

0708.2.12 WHISPER RIDGE ADDRESS ADDRESS

PROJECT ARCHITECT SDK PROJECT NUMBER 0708.2.12 date 4/22/20

REVISIONS

NO. DATE

UPDATE SET ARCHITECTURAL NOTES









H







F G

H









A - ---- - - -----





(H) - - - - - - - - -





METAL AWNING, TYP. -

_ _ _









Prentiss + balance + wickline A R C H I T E C T S 224 west galer 1 seattle, wa 98119 1_206. 283. 9930 1 pbwarchitects.com 104 riverside ave ste. c 1 wintch6p, wa 98862 1 509.996.8148

0708.2.12 WHISPER RIDGE ADDRESS ADDRESS

PROJECT ARCHITECT	SDK			
PROJECT NUMBER	0708.2.12			
DATE	4/22/20			

REVISIONS

NO. DATE

UPDATE SET ELEVATIONS (TYP)

A301

DESC.

T.O. ROOF FINISH +11'-8^{1/4"}

T.O. SUB FLOOR ±0"



S wickline pbwar 6.8148 - 66 . 283. 862 | CG / 98 + balan sea prentiss \bigcirc west galer | riverside ave R 224 0708.2.12 WHISPER RIDGE ADDRESS ADDRESS PROJECT ARCHITECT SDK PROJECT NUMBER 0708.2.12 date 4/22/20 REVISIONS NO. DATE DESC. UPDATE SET ELEVATIONS (TYP)

(1)-

ROCK WALLS PER — LANDSCAPE, TYP.





2 EAST ELEVATION - CABIN 1 SITING. SEE A301.















ROCK WALLS PER — LANDSCAPE, TYP.







2 EAST ELEVATION - CABIN 2 SITING. SEE A301.



Δ	2	\bigcap	5
		U	\mathbf{U}







S U · *'ickline* Φ \mathbf{O} σ ba **Prentiss** -**A R C** 224 west galer 1 seat: 104 riverside ave ste.

0708.2.12 WHISPER RIDGE

PROJECT ARCHITECT SDK project number 0708.2.12 date 4/22/20

DESC.

REVISIONS

NO. DATE

UPDATE SET ELEVATIONS CABIN 2



4 A601



´**2** ,

CROSS SECTION THROUGH MODULE 'B', TYP. - SEE CABIN SECTIONS FOR SITING

WALL TYPES

W1 - LAP SIDING Lap siding (material TBD) o/ 1/2" P.T. furring o/ 1" rigid rockwool insulation o/ Weather barrier o/ Plywood sheathing per struct o/ Framing per struct w/ BIBS insulation to fill cavity o/ Vapor barrier o/ 1/2'' GWB or finish as specified

W2 - MARRIAGE WALLS

Plywood sheathing per struct o/ Framing per struct w/ Acoustic insulation to fill cavity (opt) o/ 1/2" GWB or finish as specified

W3 - BASEMENT WALLS Reinforced concrete per struct o/

2" rigid insulation

FLOOR TYPES

F1 - FRAMED FLOOR OVER CONDITIONED SPACE Finish floor o/ Subfloor per struct o/

I Joists per struct F2 - INSULATED SLAB

4" concrete o/ 2" rigid insulation (R-10) o/ 4" gravel

ROOF TYPES

R1 - INSULATED ROOF

- R1 INSULATED ROOF Metal roofing o/ Self-adhered membrane roofing underlayment o/ Plywood sheathing per struct o/ Rafters per struct w/ 5" closed cell spray foam insulation (R-30) o/ Batt insulation to fill remainder of cavity (R-20) o/ 1/2" GWB or ceiling finish as specified

R2 - OVERHANG Metal roofing o/ Self-adhered membrane roofing underlayment o/ Plywood sheathing per struct o/ Rafters per struct o/ Soffit finish TBD



0708.2.12 WHISPER RIDGE ADDRESS ADDRESS

PROJECT ARCHITECT SDK project number 0708.2.12

date 4/22/20

DESC.

REVISIONS

NO. DATE

UPDATE SET SECTIONS (TYP)



2 SECTION THROUGH MOD 'B' - CABIN 2. SEE A401. SCALE: 1/4" = 1-0"

S U · wicklin Φ C + balan prentiss \bigcirc R 224 west 104 rivers

0708.2.12 WHISPER RIDGE PROJECT ARCHITECT SDK PROJECT NUMBER 0708.2.12 date 4/22/20 REVISIONS NO. DATE DESC. UPDATE SET SECTIONS CABIN 1 & 2



ROOF TO WALL FLASHING SCALE: 1 1/2"= 1'-0"



SEE 2/A601 FOR ADD'L NOTES

– 5/4 FC FASCIA

FLASHING.

SIDEWALL FLASHING ASS'Y PER
 ROOF MFR REQ'TS. CONT UP
 SIDE WALL TO SOFFIT.

MTL ROOFING PANELS. LAP UNDER

- ROOF UNDERLAYMENT. CONT UP SIDE WALL TO SOFFIT.

UTSIDE OF FRAMING EDGE FLASHING PER MFR CONTINUOUS VENT STRIP W/ INSECT SCREEN WD BLOCKING -5/4 X 8 FC FASCIA ADHESIVE FLASHING. – LAP OVER DRIP FLASHING MTL Z-FLASHING -FC LAP SIDING -1/2" FURRING STRIPS -SHEATHING PER STRUCT -

ROOF AT RAKE

MTL STANDING SEAM ROOF



S U · klin C • 3 Ð \mathbf{O} σ g 0 entiss

224 104

0

0708.2.12 WHISPER RIDGE

OJECT ARCHITECT	SDK
PROJECT NUMBER	0708.2.12
DATE	4/22/20
ISIONS	

DESC.



S U · klin C • 3 Ð \mathbf{O} \mathbf{O} \mathbf{O} 0 entiss

0

224 104

0708.2.12 WHISPER RIDGE ADDRESS ADDRESS

PROJECT ARCHITECT	SDK
PROJECT NUMBER	0708.2.12
DATE	4/22/20
REVISIONS	
NO. DATE	DESC.
SITE & STRUCT	COORD SET
WINDOW & DO	DOR DETAILS

WINDOW S	CHEDULE													
WINDOW #	ROOM	QTY	OPERATION	I FRAM	IE SIZE HEIGHT	HEAD	JAMB 1	JAMB 2	SILL	U-VALUE	INT. MATE	ERIAL SCREEN	SHADES	NOTES
101	GUEST BATH 105	1	FIXED	5'-6"	2'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		TRAPEZOID. DIM TO LONG LEG.
102A	SECONDARY BEDROOM 106	1	CASEMENT	2'-4"	4'-5 ^{1/2} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		EGRESS. MULLED.
102B	SECONDARY BEDROOM 106	1	FIXED	3'-7 ^{5/8} "	4'-5 ^{1/2} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		MULLED.
103A	SECONDARY BEDROOM 106	1	FIXED	2'-4"	2'-4 ^{1/8} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		MULLED.
103B	SECONDARY BEDROOM 106	1	FIXED	3'-7 ^{5/8} "	2'-4 ^{1/8} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		MULLED.
104	MASTER BEDROOM 109	1	FIXED	3'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		SAFETY GLAZING. MULLED.
105	MASTER BEDROOM 109	1	FIXED	3'-0"	4'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
105	MASTER BEDROOM 109	1	FIXED	3'-0"	4'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
106	MASTER BATH 108	1	FIXED	3'-5"	2'-2 ^{5/8} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		TRAPEZOID. DIM TO LONG LEG.
107	MASTER BATH 108	1	FIXED	6'-0"	2'-5 ^{7/8} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		TRAPEZOID. DIM TO LONG LEG.
108	KITCHEN/DINING 107	1	CASEMENT	2'-6"	3'-6"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	YES		
109	KITCHEN/DINING 107	1	FIXED	4'-6"	3'-6"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
110	KITCHEN/DINING 107	1	FIXED	4'-6"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	SAFETY GLAZING.
111	KITCHEN/DINING 107	1	FIXED	3'-7"	2'-4"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
112	KITCHEN/DINING 107	1	FIXED	3'-7"	2'-4"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
113	KITCHEN/DINING 107	1	FIXED	3'-7"	2'-4"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
114	KITCHEN/DINING 107	1	FIXED	3'-7"	2'-4"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
115	KITCHEN/DINING 107	1	FIXED	5'-10 ^{1/2} "	2'-4"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
116	KITCHEN/DINING 107	1	FIXED	5'-10 ^{1/2} "	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	SAFETY GLAZING.
117	LIVING 102	1	FIXED	3'-7"	2'-0 ^{1/2} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
118	LIVING 102	1	FIXED	3'-7"	2'-0 ^{1/2} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
119	LIVING 102	1	FIXED	3'-7"	2'-0 ^{1/2} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
120	LIVING 102	1	FIXED	3'-7"	2'-0 ^{1/2} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
121	LIVING 102	1	FIXED	4'-6"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	SAFETY GLAZING. MATCH 112.
122	ENTRY 101	1	FIXED	3'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		SAFETY GLAZING. MULLED, SEE ELEVATION.
123	ENTRY 101	1	FIXED	3'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		SAFETY GLAZING. MULLED, SEE ELEVATION.
124	ENTRY 101	1	FIXED	3'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		SAFETY GLAZING. MULLED, SEE ELEVATION.
125	ENTRY 101	1	FIXED	3'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		SAFETY GLAZING. MULLED, SEE ELEVATION.
126	ENTRY 101	1	FIXED	3'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		SAFETY GLAZING. MULLED.
127	ENTRY 101	1	FIXED	3'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		SAFETY GLAZING. MULLED.
128A	SECONDARY BEDROOM 106	1	CASEMENT	2'-4"	4'-51/2"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		EGRESS. MULLED.
128B	SECONDARY BEDROOM 106	1	FIXED	3'-75/8"	4'-51/2"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		MULLED.
129A	SECONDARY BEDROOM 106	1	FIXED	2'-4"	2'-4 ^{1/8} "	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		SAFETY GLAZING. MULLED.
129B	SECONDARY BEDROOM 106	1	FIXED	3'-75/8"	2'-41/8"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		SAFETY GLAZING. MULLED.
130	STUDIO BATH 111	1	CASEMENT	2'-6"	4'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
131	STUDIO BEDROOM 110	1	CASEMENT	2'-6"	4'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
131	STUDIO BEDROOM 110	1	FIXED	4'-6"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	SAFETY GLAZING.
132	STUDIO BEDROOM 110	1	FIXED	4'-6"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	SAFETY GLAZING.
133	STUDIO BEDROOM 110		FIXED	3'-7"	2'-01/2"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
134	STUDIO BEDROOM 110		HIXED	3'-7"	2'-01/2"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
135	STUDIO BEDROOM 110		HIXED	3'-7"	2'-0'/2"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED
136	STUDIO BEDROOM 110	1	FIXED	3'-7"	2'-0'/2"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	MULLED

DOOR SCHEDULE

	ROOM		ΟΤΥ	FRAM	E SIZE				тиреси			SCREEN	SHADES	NOTES
D00n#	noolvi	OFERATION	QTT.	WIDTH	HEIGHT	TIEAD	JAIVID I	JAIVID Z	TINEST	0-VALUE		SCHEEN	STADES	NOTES
D001	MECHANICAL ROOM	SWING	1	3'-0"	6'-8"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D101	ENTRY	SWING	1	6'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D102	LIVING	SWING	1	3'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D104	UTILITY	SWING	1	2'-8"	8'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D105	UTILITY	SLIDING	1	5'-0"	8'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D106	GUEST BATH	SWING	1	2'-8"	8'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D107	SECONDARY BEDR	SWING	1	3'-0"	8'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D108	MASTER BEDROOM	SWING	1	3'-0"	8'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D109	MASTER BEDROOM	SLIDING	1	6'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D110	MASTER BATH	POCKET	1	5'-0"	8'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D111	MASTER BATH	SWING	1	2'-8"	8'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D112	KITCHEN/DINING	SLIDING	1	7'-2"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	
D113	KITCHEN/DINING	SLIDING	1	7'-2"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	
D114	LIVING	SLIDING	1	7'-2"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	
D115	LIVING	SLIDING	1	7'-2"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	
D116	STUDIO BEDROOM	SWING	1	3'-0"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D117	STUDIO BEDROOM	SLIDING	1	7'-2"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	
D118	STUDIO BEDROOM	SLIDING	1	7'-2"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-	POCKET SHADE IN CEILING.	
D119	STUDIO BEDROOM	SWING	1	3'-2"	6'-10"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D120	STUDIO BATH	POCKET	1	3'-0"	8'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	WOOD	-		
D121	STUDIO BATH	SWING	1	2'-6"	8'-0"	# / A###	# / A###	# / A###	# / A###	.30 MAX	GLASS	-		

S U klin C • \geq Ð C balan 00 6 +prentiss ____ R e ve

/

/ / /

/

/

ò

sea ste

ga

224

0708.2.12 WHISPER RIDGE ADDRESS ADDRESS

> PROJECT ARCHITECT SDK PROJECT NUMBER 0708.2.12

date 4/22/20

DESC.

REVISIONS

NO. DATE

UPDATE SET WINDOW & DOOR SCHEDULES



$\models \!$	DUPLEX OUTLET	\bigcirc	4" RECESSED CAN LIGHT	(G)
$\vdash \!$	OUTLET ON DEDICATED CIRCUIT FOR CRITICAL LOAD PANEL	Ю	WALL SCONCE	
	GROUND FAULT INTERRUPT	\oplus	PENDANT	
\models	SPLIT-WIRED DUPLEX	Ŧ		
	HARD WIRED		LED STRIP LIGHT	
\square	FLOOR OUTLET		FLUORESCENT UTILITY	
	SPLIT-WIRED FLOOR OUTLET	SIC	SMOKE & CARBON MONOXIDE	
Η¥	LUTRON KEYPAD	\bigcirc	CEILING ACCESS PORT	
H	CRESTRON TOUCH PANEL	SENSOR		
1	BECESSED SCREEN	\bigtriangledown	CEILING MOUNTED SENSOR	
			CEILING MOUNTED CAMERA	
${} \bowtie$	CABLE			
\bowtie	TELEPHONE	S	CEILING MOUNTED SPEAKER	
	DATA	\mathbf{S}	EXHAUST FAN	
			MOTORIZED ROLLER SHADES	(H)
				1

NOTES:

- ALL FIXTURES TO BE CENTERED IN SPACE, OVER DOORS/WINDOWS, OR ALONG WALL UNLESS NOTED OTHERWISE.
 SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS.
 WHERE APPLICABLE, ALIGN THERMOSTATS, SWITCHES, AND OUTLETS ABOVE ONE ANOTHER.
 LOW VOLTAGE AND LIGHTING SHOWN FOR CLARITY. SEE RESPECTIVE LAYOUTS FOR ADDITIONAL INFORMATION.

(F) - - - - -

