

MOUNTAIN
FREEDOM LLC.
863 Los Angeles AV
South Lake Tahoe
96150

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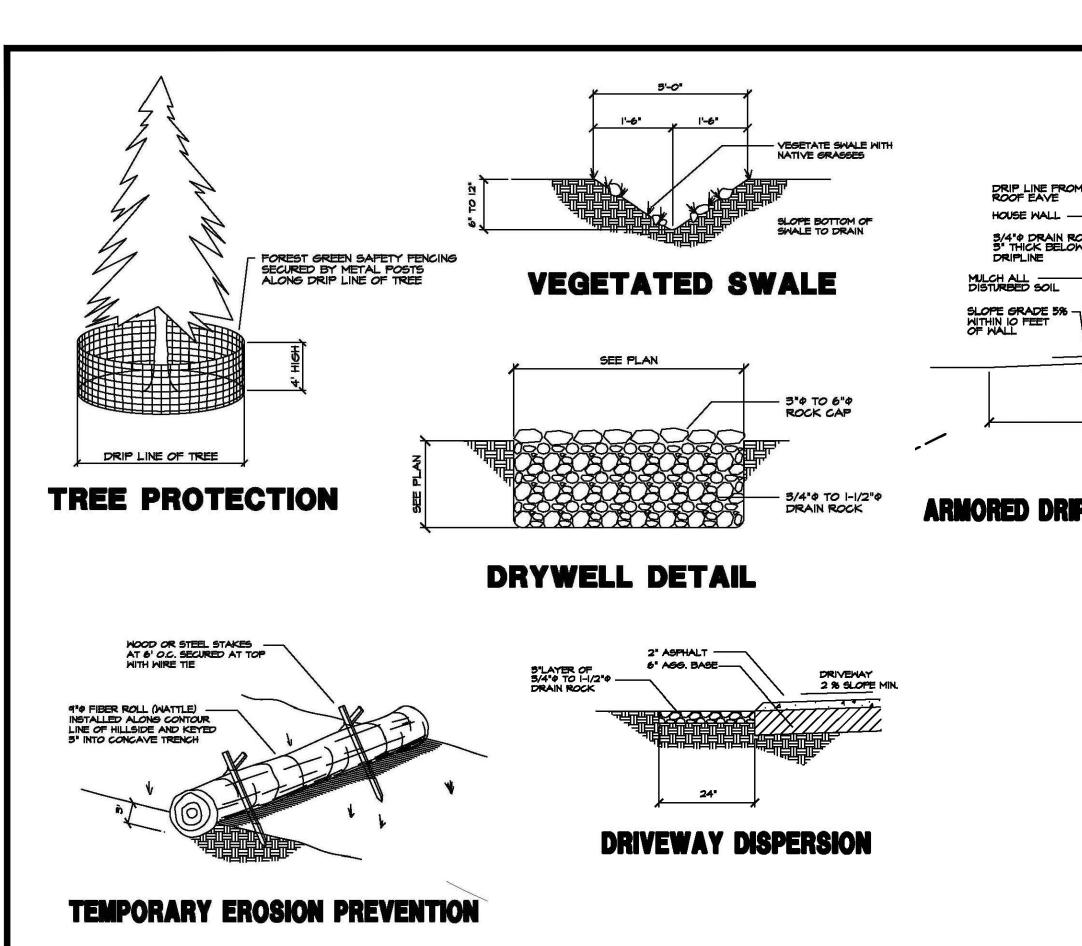
Revisions

ET TITLE

SITEPLAN

SHEPLAN

C1



BMP WORKSHEET

Based upon NRCS Web Soil Survey 33% voids used for drain rock volume. Design Storm Event = 1.1 in. per hour

				Impervious	Drainage	Trench Void		
Trench	Trench	Trench	Trench	Surface	Volume	Volume		
Type	Width, Ft	Depth, Ft	Length, Ft.	Sq. Ft.	Cu. Ft., Vd	Cu. Ft., Vv		Vd
Α	4	4	25	1105	101.3	133.3	۸	101.3
В	3	4	25	1083	99.3	100.0	^	99.3
С	5	4	20	1372	125.8	133.3	>	125.8
D	2	4	22	547	50.1	58.7	>	50.1

Total Trench Volume =

CONSTRUCTION SEQUENCE

Install temporary erosion prevention barriers.

Excavate house foundation, install infiltration trenches and install graveled driveway.

Construct House.

Install permanent erosion prevention methods. Pave Driveway.

Compacted soil required for the garage is estimated to be 25 Cu. Yd. Excavated soil resulting from driveway, foundation and infiltration trenches is estimated to be 60 Cu. Yd.

TEMPORARY EROSION PREVENTION METHODS
PROVIDE TEMPORARY EROSION PREVENTION BARRIERS AT THE DOWNHILL PERIMTERE

PROVIDE TEMPORARY EROSION PREVENTION BARRIERS AT THE DOWNHILL PERIMTERE OF ALL DISTURBED SOIL AREAS AS SHOWN ON THE PLANS

STOCKPILES SHALL BE PROTECTED WITH TAPERS OR OTHER WATERPROOF MEMBRANES ADEQUATELY SECURED TO

RESIST WIND FORCES. AN EROSION PREVENTION BARRIER SHALL PROTECT THE PERIMETER OF STOCKPILES PROVIDE DRIVEWAY TRACK OFF CONTROL. SOIL AND CONSTRUCTION MATERIALS SHALL NOT BE TRACKED OFFSITE

EROSION PREVENTION AND SEDIMENT BARRIERS SHALL BE CHECKED PRIOR TO ANTICIPATED STORM EVENTS, IMMEDIATELY AFTER STORM EVENTS AND WEEKLY BY THE CONTRACTOR OR OWNER/BUILDER WHERE BARRIERS ARE REMOVED AND/OR STOCKPILES ARE NOT COVERED, THEY SHALL BE AVAILABLE ON SITE FOR

INSTALLATION AS NEEDED WITHIN 24 HOURS PROVIDE A CONCRETE WASHOUT AREA PER PLAN

FOR JOB SITES THAT HAVE NOT RECEIVED AN APPROVED FINAL GRADING INSPECTION BY OCTOBER 15, ADDITIONAL EFFORT SHALL BE MADE TO PROTECT THE SITE FOR THE WINTER

INCLUDE THE FOLLOWING:

INSTALL AND MAINTAIN EFFECTIVE TEMPORARY EROSION PREVENTION FOR DISTURBED AREAS. SILT FENCES SHALL HAVE WIRE BACKING AND METAL STAKES FOR WINTER USE

STABILIZE DISTURBED AND BARE SOIL AREAS WITH VEGETATION, MULCH, WOOD CHIPS, EROSION CONTROL BLANKETS OR

CLEAN UP AND REMOVE CONSTRUCTION DEBRIS AND SPOIL PILES

REMOVE OR COVER DIRT STOCKPILES WITH TARPS OR OTHER WATERPROOF MEMBRANES ADEQUATELY SECURED TO

RESIST WIND FORCES AND INSTALL PERIMETER CONTAINMENT PROTECTION SUCH AS WATTLES OR SILT FENCES

INSTALL PERMANENT MECHANICAL STABILIZATION AND DRAINAGE IMPROVEMENTS WHERE FEASIBLE SUCH AS DRIP LINE TRENCHES, DRYWELLS OR CATCH BASINS

RESTRICT PARKING AND STORAGE TO PAVED AREAS AND/OR DRIVEWAYS THAT HAVE TRACK OFF CONTROL (GRAVEL) FOR SITES THAT WILL BE ACTIVE BETWEEN OCTOBER 15 AND MAY 1 WHERE THE DRIVEWAYS WILL BE USED FOR MATERIAL STORAGE AND/OR VEHICLE ACCESS, DRIVEWAYS WITH SLOPES IN EXCESS OF 10. CONCRETE OR THE FUNCTIONAL

EQUIVALENT AS APPROVED BY THE BUILDING OFFICIAL PERMANENT EROSION PREVENTION METHODS

PERMANENT EROSION PREVENTION BARRIERS SHALL BE INSTALLED PER PLAN

DISTURBED SOIL AREAS SHALL BE PROTECTED BY REVEGETATING OR BY INSTALLING PINE NEEDLES, WOOD CHIPS, MULCH,

AREA CALCULATIONS **BUILDING FOOTPRINT** COVERED ENTRY REAR DECK & STAIRS DRIVEWAY EAVES, AND ELEVATED DECKS (ABOVE 8' TOTAL COVERAGE TOTAL FOR LOT PERCENTAGE OF TOTAL LOT COVERAGE TOTAL MAX. ALLOWABLE COVERAGE 45% TOTAL BUILDING COVERAGE ARMORED DRIPLINE TRENCH DETAIL TOTAL MAX. ALLOWABLE BUILDING COVERAGE 25% - 2 STORY PROPOSED RESIDENCE GARAGE SLAB 044-380-006 ENTRY FLOOR F.F. ELEV. MAIN FLOOR F.F. ELEV. LIMIT OF DISTURBANCE UPPER FLOOR F.F. ELEV. BASEMENT FLOOR F.F. ELEV. TYPE "C" LEGEND 5'-0" WIDE X 4'-0" DEEP X 20'-0" DECK F.F 6672.5' IMPERVIOUS AREA "D" 547 SF 5% SLOPE BASEMENT BELOW -DRYWELL TRENCH TYPE "D" 2'-0" WIDE X 4'-0" DEEP X 22'-0" DRYWELL TRENCH GARAGE F.F. 6670' 3'-0" WIDE X 4'-0" DEEP X 25'-0" LONG. 1:1 ROCK IMPERVIOUS AREA DRIVEWAY /2% SLOPE/ "A" 1105 SF < _______ VEGETATED TRENCH TYPE ______ 4'-0" WIDE X 4'-0^{\)} **DEEP X 25'-0" EROSION CONTROL PLAN** Scale @ 30x42 - 1/8" = 1'-0" 16% SLOPE L=36'-0" __R 5'-0" TYP.

PROPERTY

ON DRIVEWAY

MOUNTAIN FREEDOM LLC. 863 Los Angeles AV South Lake Tahoe 96150

2446 S.F.

115 S.F.

377 S.F.

1501 S.F.

4,439 S.F.

15,151 S.F.

6,818 S.F.

2,938 S.F.

6671.5'

6672.75'

6662.5'

LIMIT OF DISTURBANCE IS THE SAME AS CONSTRUCTION ACTIVITY ZONE

TEMPORARY FILTER FENCE OR FIBER ROLL

ARMORED INFILTRATION/DRIP LINE

TREE PROTECTION

TRENCH/DRYWELL

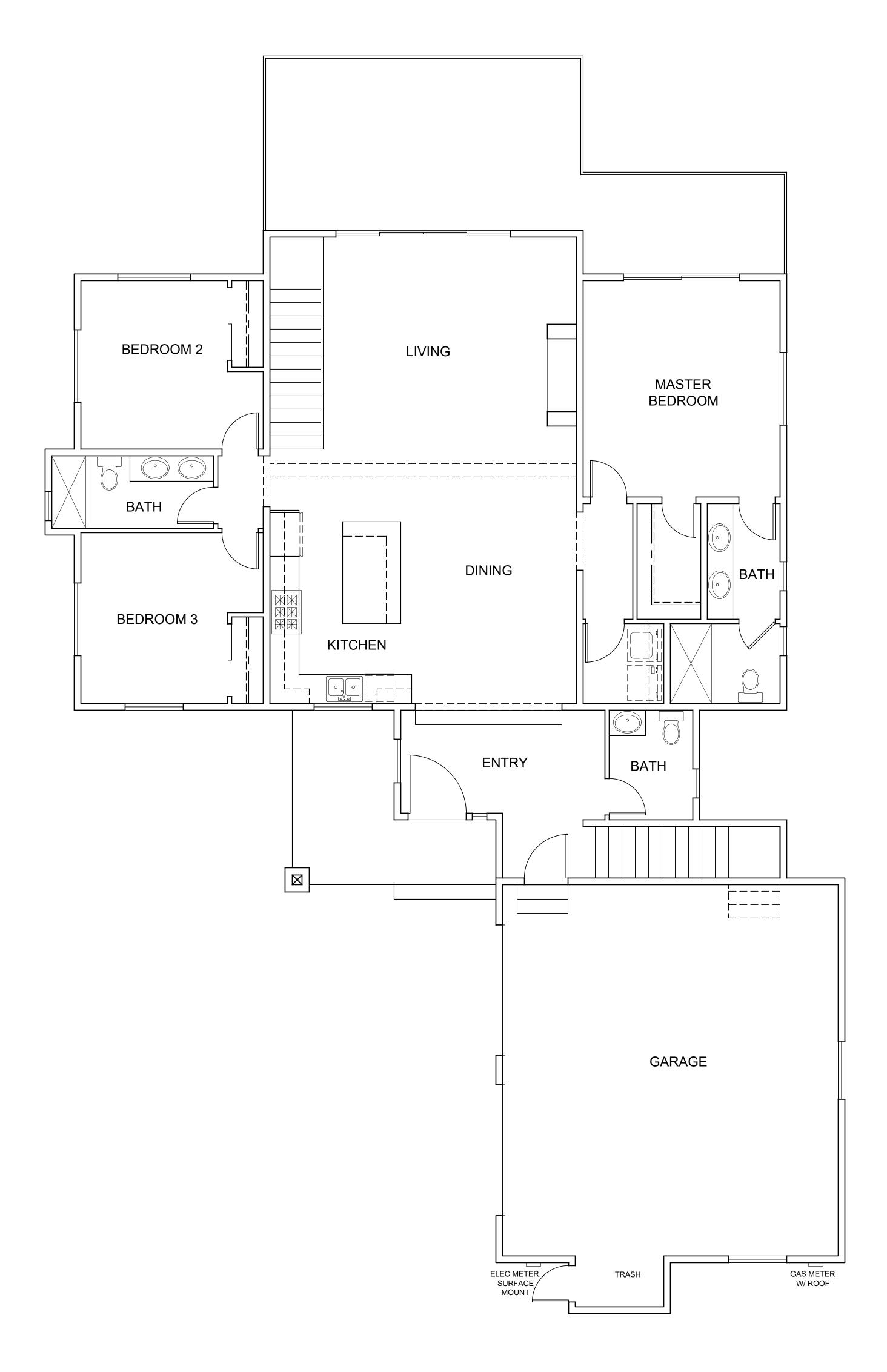
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Revisions

EROSION

CONTROL **PLAN**

north



SQUARE FOOTAGE

MAIN LEVEL: 1,795 S.F.

UPPER LEVEL: 424 S.F.

BASEMENT LEVEL: 338 S.F.

TOTAL: 2,557 S.F.

UNDER FLOOR VENTILATION

PROVIDE UNDER FLOOR CROSS VENTILATION OF 1.0 S.F. MINIMUM FOR EACH 150 S.F. OF UNDER FLOOR AREA. WHEN A CLASS 1 VAPOR RETARDER IS INSTALLED ON THE GROUND SURFACE THE MINIMUM AREA OF VENTILATION MAY BE LIMITED TO 1 S.F. FOR EACH 1,500 S.F. OF UNDER FLOOR SPACE. ONE VENTILATION OPENING SHALL BE WITHIN THREE (3) FEET OF EACH CORNER OF THE BUILDING (CRC R408.1) UNVENTED CRAWL SPACE SHALL COMPLY WITH CCRC R408.4

FLOOR AREA: 1390 SQ. FT./150 PER CRC 9.26 X 144 SQ. IN. 1335 IN OF VENTILATION REQUIRED

FOUNDATION VENTS: 8X14

19 VENTS AT 72 SQ.IN. 1368 SQ. IN. 1368 SQ. IN. PROVIDED

72 SQ.IN.

NOTES

REFER TO SHEETS G1, G2, G3, & G4 FOR ADDITIONAL

INTERIOR FIREPLACE IS GAS MANUFACTURE IS FIREPLACE FPX MODEL IS 864 TRV 31K BTU SPECIAL QII INSPECTION IS REQUIRED WUI SIDING SPEC'S: SIERRA PACIFIC IND. #8140-2091-0100

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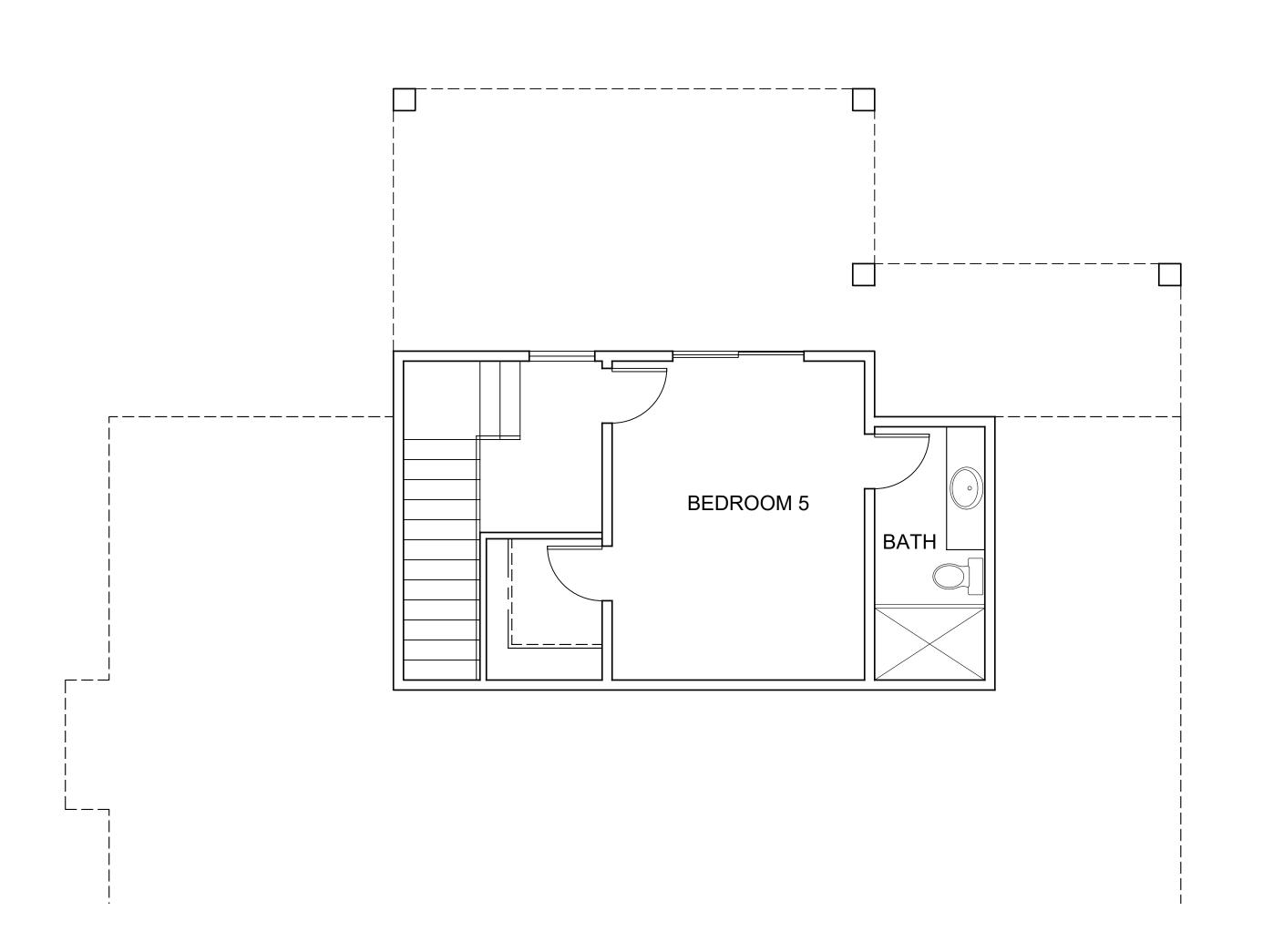
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Revisions

MAIN LEVEL FLOOR PLAN

MAIN LEVEL FLOOR PLAN - 1,795 S.F.

Scale @ 30X42: 1/4" = 1'-0"



BASEMENT LEVEL FLOOR PLAN - 338 S.F.

Scale @ 30X42: 1/4" = 1'-0"

------BEDROOM 4 ______

SQUARE FOOTAGE MAIN LEVEL: 1,795 S.F. UPPER LEVEL: 424 S.F. BASEMENT LEVEL: 338 S.F. TOTAL: 2,557 S.F.

UPPER LEVEL FLOOR PLAN - 424 S.F.

Scale @ 30X42: 1/4" = 1'-0"

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FLOOR AREA: 1390 SQ. FT./150 PER CRC 9.26 X 144 SQ. IN.

1335 IN OF VENTILATION REQUIRED

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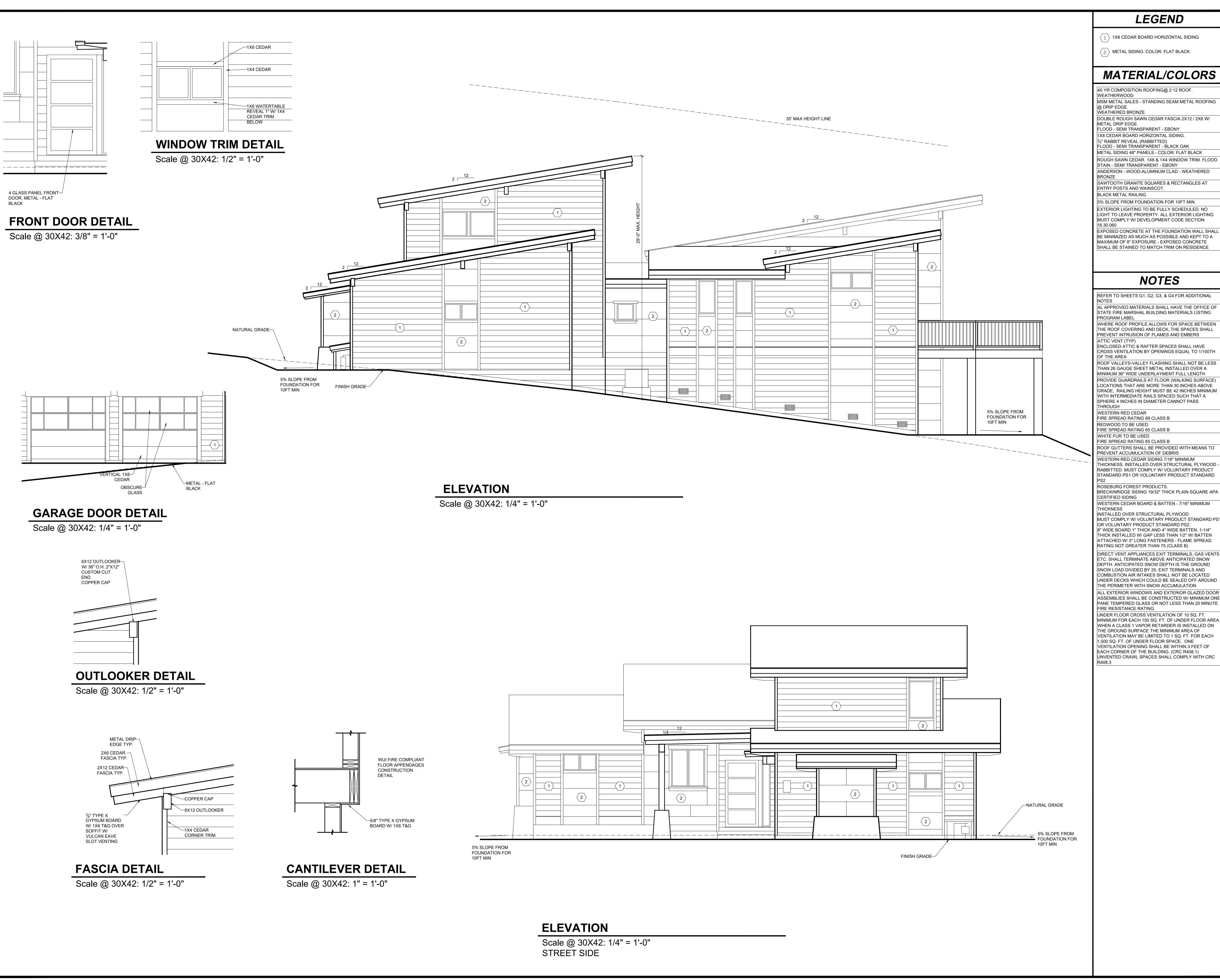
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Revisions

BASEMENT & UPPER LEVEL FLOOR PLAN



LEGEND

- 1 1X8 CEDAR BOARD HORIZONTAL SIDING
- 2 METAL SIDING. COLOR: FLAT BLACK

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CROSS VENTILATION BY OPENINGS EQUAL TO 1/150TH ROOF VALLEYS-VALLEY FLASHING SHALL NOT BE LESS THAN 26 GAUGE SHEET METAL INSTALLED OVER A MINIMUM 36" WIDE UNDERLAYMENT FULL LENGTH PROVIDE GUARDRAILS AT FLOOR (WALKING SURFACE) LOCATIONS THAT ARE MORE THAN 30 INCHES ABOVE GRADE, RAILING HEIGHT MUST BE 42 INCHES MINIMUM WITH INTERMEDIATE RAILS SPACED SUCH THAT A SPHERE 4 INCHES IN DIAMETER CANNOT PASS

FIRE SPREAD RATING 69 CLASS B FIRE SPREAD RATING 65 CLASS B WHITE FUR TO BE USED FIRE SPREAD RATING 65 CLASS B ROOF GUTTERS SHALL BE PROVIDED WITH MEANS TO

PREVENT ACCUMULATION OF DEBRIS WESTERN RED CEDAR SIDING 7/16" MINIMUM THICKNESS. INSTALLED OVER STRUCTURAL PLYWOOD RABBITTED. MUST COMPLY W/ VOLUNTARY PRODUCT STANDARD PS1 OR VOLUNTARY PRODUCT STANDARD

BRECKINRIDGE SIDING 19/32" THICK PLAIN SQUARE APA WESTERN CEDAR BOARD & BATTEN - 7/16" MINIMUM

MUST COMPLY W/ VOLUNTARY PRODUCT STANDARD PS1 OR VOLUNTARY PRODUCT STANDARD PS2. 8" WIDE BOARD 1" THICK AND 4" WIDE BATTEN. 1-1/4" THICK INSTALLED W/ GAP LESS THAN 1/2" W/ BATTEN ATTACHED W/ 3" LONG FASTENERS - FLAME SPREAD RATING NOT GREATER THAN 75 (CLASS B)

DIRECT VENT APPLIANCES EXIT TERMINALS, GAS VENT ETC. SHALL TERMINATE ABOVE ANTICIPATED SNOW DEPTH. ANTICIPATED SNOW DEPTH IS THE GROUND SNOW LOAD DIVIDED BY 25. EXIT TERMINALS AND COMBUSTION AIR INTAKES SHALL NOT BE LOCATED UNDER DECKS WHICH COULD BE SEALED OFF AROUND THE PERIMETER WITH SNOW ACCUMULATION

ALL EXTERIOR WINDOWS AND EXTERIOR GLAZED DOOF ASSEMBLIES SHALL BE CONSTRUCTED W/ MINIMUM ONE PANE TEMPERED GLASS OR NOT LESS THAN 20 MINUTE

UNDER FLOOR CROSS VENTILATION OF 10 SQ. FT. MINIMUM FOR EACH 150 SQ. FT. OF UNDER FLOOR AREA WHEN A CLASS 1 VAPOR RETARDER IS INSTALLED ON THE GROUND SURFACE THE MINIMUM AREA OF VENTILATION MAY BE LIMITED TO 1 SQ. FT. FOR EACH 1,500 SQ. FT. OF UNDER FLOOR SPACE. ONE VENTILATION OPENING SHALL BE WITHIN 3 FEET OF EACH CORNER OF THE BUILDING. (CRC R408.1) UNVENTED CRAWL SPACES SHALL COMPLY WITH CRC

Revisions

EXTERIOR ELEVATIONS





LEGEND

- $\fbox{1}$ 1X8 CEDAR BOARD HORIZONTAL SIDING
- 2 METAL SIDING. COLOR: FLAT BLACK
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MOUNTAIN

MATERIAL/COLORS

40 YR COMPOSITION ROOFING@ 2:12 ROOF.
WEATHERWOOD
MSM METAL SALES - STANDING SEAM METAL ROOFING
@ DRIP EDGE.

WEATHERED BRONZE

DOUBLE ROUGH SAWN CEDAR FASCIA 2X12 / 2X6 W/
METAL DRIP EDGE.

DOUBLE ROUGH SAWN CEDAR FASCIA 2X12 / 2
METAL DRIP EDGE.
FLOOD - SEMI TRANSPARENT - EBONY

1X8 CEDAR BOARD HORIZONTAL SIDING.

3/4" RABBIT REVEAL (RABBITTED)
FLOOD - SEMI TRANSPARENT - BLACK OAK

METAL SIDING 48" PANELS - COLOR: FLAT BLACK
ROUGH SAWN CEDAR. 1X6 & 1X4 WINDOW TRIM. FLOOD
STAIN - SEMI TRANSPARENT - EBONY
ANDERSON - WOOD-ALUMINUM CLAD - WEATHERED
BRONZE

SAWTOOTH GRANITE SQUARES & RECTANGLES AT ENTRY POSTS AND WAINSCOT.

BLACK METAL RAILING

5% SLOPE FROM FOUNDATION FOR 10FT MIN.

EXTERIOR LIGHTING TO BE FULLY SCHEDULED. NO LIGHT TO LEAVE PROPERTY. ALL EXTERIOR LIGHTING MUST COMPLY W/ DEVELOPMENT CODE SECTION 18.30.060

EXPOSED CONCRETE AT THE FOUNDATION WALL SHALL

EXPOSED CONCRETE AT THE FOUNDATION WALL SHAL BE MINIMIZED AS MUCH AS POSSIBLE AND KEPT TO A MAXIMUM OF 8" EXPOSURE - EXPOSED CONCRETE SHALL BE STAINED TO MATCH TRIM ON RESIDENCE

NOTES

REFER TO SHEETS G1, G2, G3, & G4 FOR ADDITIONAL

AL APPROVED MATERIALS SHALL HAVE THE OFFICE OF STATE FIRE MARSHAL BUILDING MATERIALS LISTING PROGRAM LABEL

WHERE ROOF PROFILE ALLOWS FOR SPACE BETWEEN THE ROOF COVERING AND DECK, THE SPACES SHALL PREVENT INTRUSION OF FLAMES AND EMBERS ATTIC VENT (TYP)

ENCLOSED ATTIC & RAFTER SPACES SHALL HAVE CROSS VENTILATION BY OPENINGS EQUAL TO 1/150TH OF THE AREA

ROOF VALLEYS-VALLEY FLASHING SHALL NOT BE LESS

THAN 26 GAUGE SHEET METAL INSTALLED OVER A
MINIMUM 36" WIDE UNDERLAYMENT FULL LENGTH
PROVIDE GUARDRAILS AT FLOOR (WALKING SURFACE)
LOCATIONS THAT ARE MORE THAN 30 INCHES ABOVE
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WITH INTERMEDIATE RAILS SPACED SUCH THAT A
SPHERE 4 INCHES IN DIAMETER CANNOT PASS
THROUGH

WESTERN RED CEDAR
FIRE SPREAD RATING 69 CLASS B
REDWOOD TO BE USED
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ROOF GUTTERS SHALL BE PROVIDED WITH MEANS TO PREVENT ACCUMULATION OF DEBRIS
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PS2

ROSEBURG FOREST PRODUCTS.

BRECKINRIDGE SIDING 19/32" THICK PLAIN SQUARE APA
CERTIFIED SIDING

WESTERN CEDAR BOARD & BATTEN - 7/16" MINIMUM

THICKNESS
INSTALLED OVER STRUCTURAL PLYWOOD
MUST COMPLY W/ VOLUNTARY PRODUCT STANDARD PS1
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8" WIDE BOARD 1" THICK AND 4" WIDE BATTEN. 1-1/4"
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UNVENTED CRAWL SPACES SHALL COMPLY WITH CRC
R408.3

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Architect

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Revisions

EXTERIOR ELEVATIONS

HEET#

A4