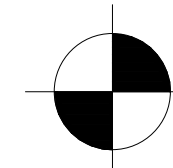
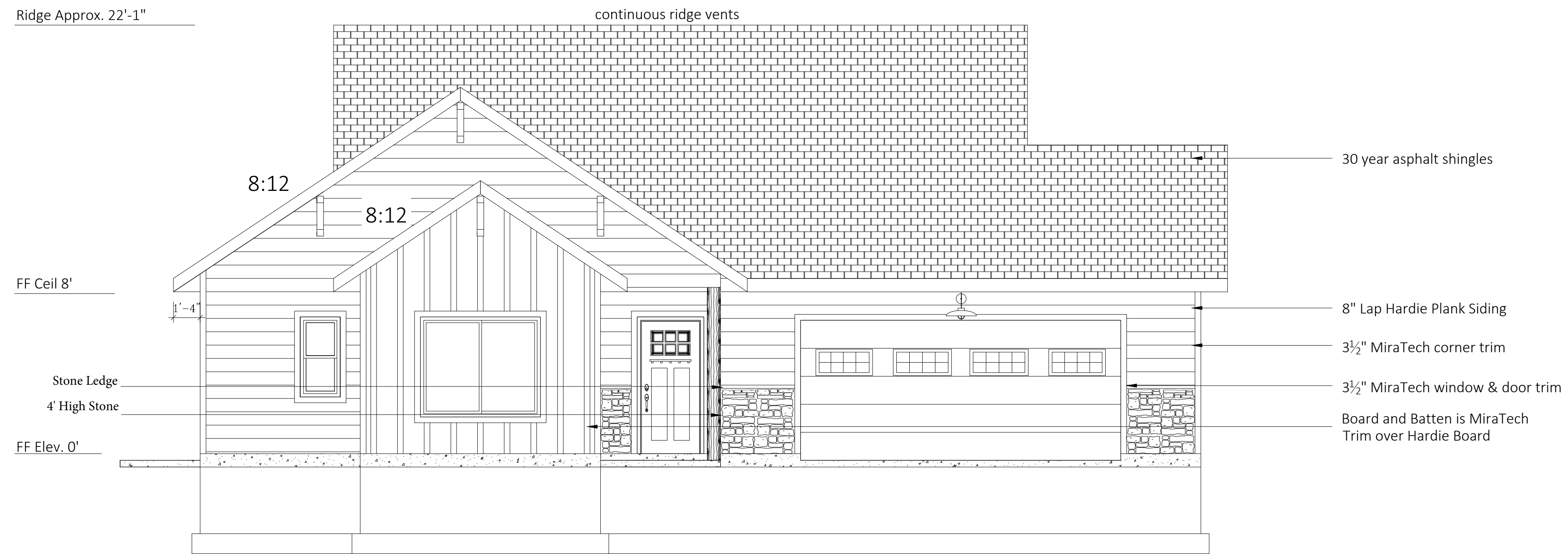
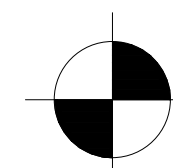
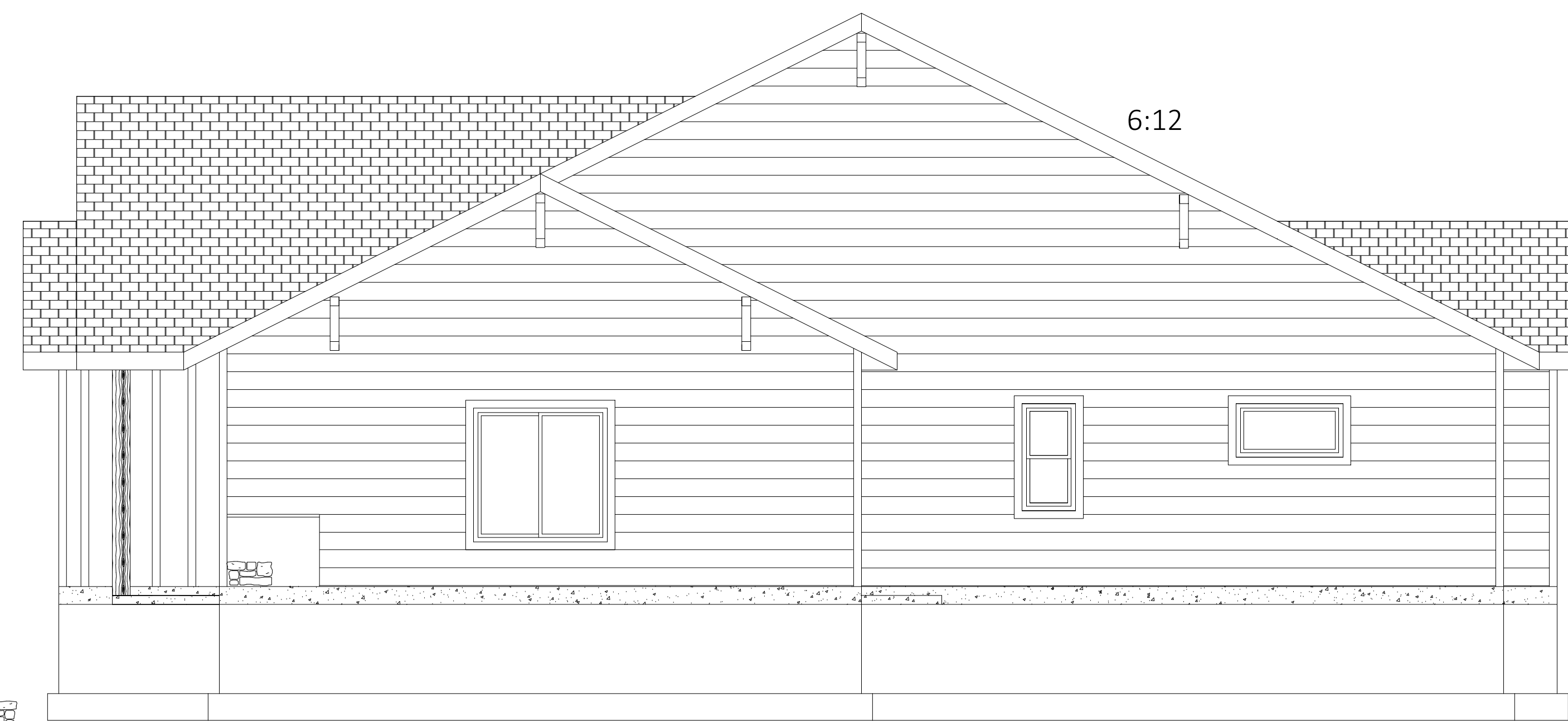


Ridge Approx. 22'-1"



FRONT ELEVATION



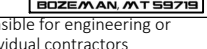
SCALE: 1/4" = 1'

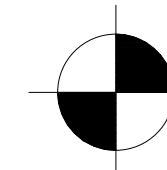


RIGHT ELEVATION

SCALE: 1/4" = 1'

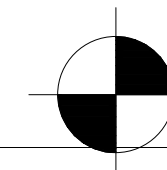
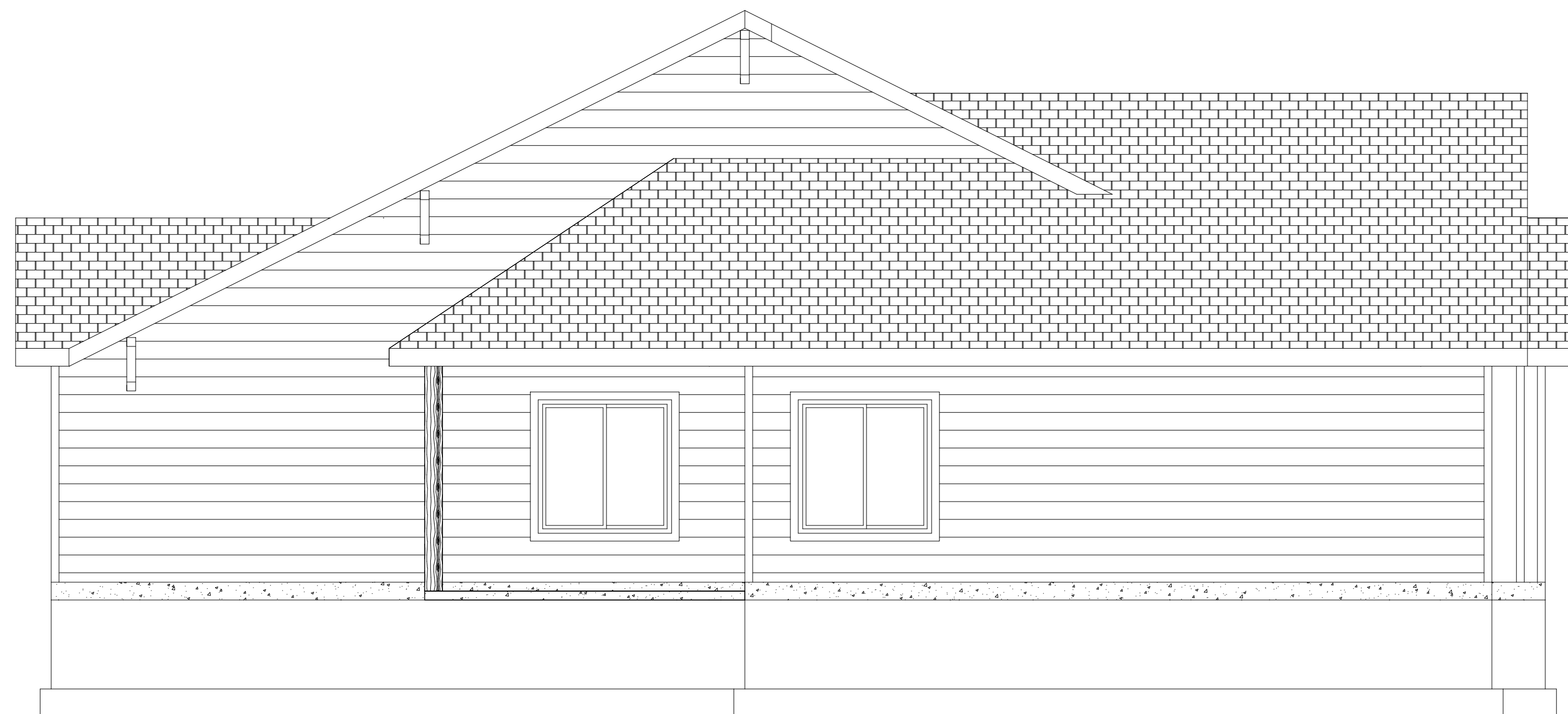
- FLASHING REQUIRED AT THE FOLLOWING LOCATIONS:
- EXTERIOR WINDOW AND DOOR OPENINGS
 - INTERSECTION OF CHIMNEYS OR OTHER MASONRY WITH FRAME WALLS
 - UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS
 - CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM
 - WHERE EXTERIOR PORCHES, DECKS, OR STAIRS ATTACH TO WOOD FRAMING
 - AT WALL AND ROOF INTERSECTIONS
 - AT BUILT-IN GUTTERS

	Project Name:	Guiding Light	Drawn by:	Date:
			J. ARUNDLE	28 NOV. 15
			Revised by:	Date:
17-1/2 South Tracy Ave #B - Bozeman, MT 59715 406.551.0552	Project No.	20151128	<div style="font-size: 2em; font-weight: bold;">2</div> <hr style="width: 100%;"/> <div style="font-size: 2em; font-weight: bold;">6</div>	
GENERAL CONTRACTOR: BEN NIBTLER phone #:  mobile #: 	Scale:	1/4" = 1'-0"		
<small>Note: Arundle Design is not responsible for engineering or construction. Individual contractors are responsible for meeting codes.</small>			Elevations Front & Right	



BACK ELEVATION



SCALE: 1/4" = 1'

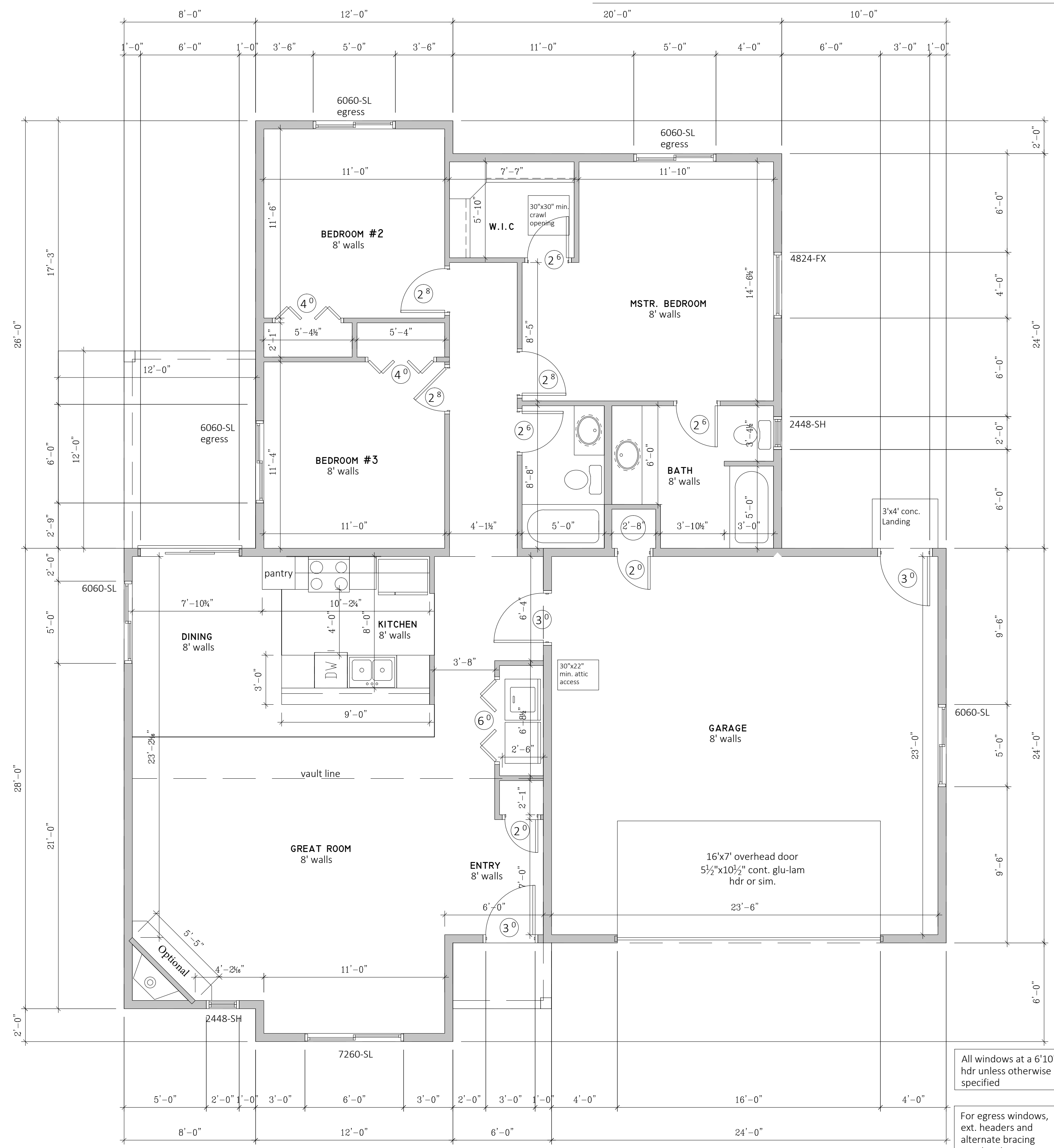


LEFT ELEVATION

SCALE: 1/4" = 1'

- FLASHING REQUIRED AT THE FOLLOWING LOCATIONS:
- EXTERIOR WINDOW AND DOOR OPENINGS
 - INTERSECTION OF CHIMNEYS OR OTHER MASONRY WITH FRAME WALLS
 - UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS
 - CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM
 - WHERE EXTERIOR PORCHES, DECKS, OR STAIRS ATTACH TO WOOD FRAMING
 - AT WALL AND ROOF INTERSECTIONS
 - AT BUILT IN GUTTERS

	Project Name:	Drawn by:	Date:
	GUIDING LIGHT	J. ARUNDLE	28 NOV. 15
		Revised by:	Date:
17-1/2 South Tracy Ave #B - Bozeman, MT 59715 406.551.0552	Project No.	<div style="display: flex; justify-content: space-between; align-items: center;"> 3 6 </div> Elevations Back & Left	
GENERAL CONTRACTOR: BEN NIBTLER	20151128		
mobile #: 	Scale: 1/4" = 1'-0"		
<small>Note: Arundle Design is not responsible for engineering or construction. Individual contractors are responsible for meeting codes.</small>			



R602.10 WALL BRACING.

ALL EXTERIOR WALLS SHALL BE BRACED AND INTERIOR BRACED WALL LINES SHALL BE PROVIDED IN ACCORDANCE WITH SECTION R602.10.1. FOR BUILDINGS IN SEISMIC DESIGN CATEGORIES D1 AND D2, WALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ADDITIONAL REQUIREMENTS OF R602.10.9, R602.10.11 AND R602.11.

R602.10.1 BRACED WALL LINES.

... SHALL CONSIST OF BRACED WALL PANEL CONSTRUCTION METHODS IN ACCORDANCE WITH SECTION R601.10.3. THE AMOUNT AND LOCATION OF BRACING SHALL BE IN ACCORDANCE WITH TABLE R602.10.1. BRACED WALL PANELS SHALL BE NO MORE THAN 12.5' FROM EACH END OF A BRACED WALL LINE. BRACED WALL PANELS THAT ARE COUNTED AS PART OF A BRACED WALL LINE SHALL BE IN LINE, EXCEPT OFFSETS OUT-OF-PLANE OF UP TO 4' ... PROVIDED THE TOTAL OFFSET ... IS NOT MORE THAN 8'.

R602.10.3 BRACED WALL PANEL CONSTRUCTION METHODS.

(*NOTE: THERE ARE 8 IRC ACCEPTABLE METHODS, ONLY THE 2 MOST COMMON ARE LISTED HERE)

3. WOOD STRUCTURAL PANEL SHEATHING (I.E.: OSB) WITH A THICKNESS NOT LESS THAN 5/8" FOR STUDS 16" O.C. AND NOT LESS THAN 3/8" FOR STUDS 24" O.C. WOOD STRUCTURAL PANELS SHALL BE INSTALLED IN ACCORDANCE WITH TABLE R602.3(3).

5. GYPSUM BOARD (SHEET ROCK) WITH MINIMUM 1/2" THICKNESS PLACED ON STUDS SPACED A MAXIMUM 24" O.C. AND FASTENED AT 7" O.C. WITH THE SIZE NAILS SPECIFIED IN TABLE R602.3(1) FOR SHEATHING AND TABLE R702.3.5 FOR INTERIOR GYPSUM BOARD.

(*NOTE: WHILE TABLE R602.3(1) ALLOWS FOR SEVERAL GYPSUM FASTENERS, TYPE W OR S SCREWS ARE RECOMMENDED)

ALTERNATE BRACED WALL PANELS CONSTRUCTED IN ACCORDANCE WITH SECTION R602.10.6 SHALL BE PERMITTED TO REPLACE ANY OF THE ABOVE METHODS OF BRACED WALL PANELS.

R602.10.4 LENGTH OF BRACED WALL PANELS. FOR METHODS 2,3,4,6,7 AND 8 ABOVE, EACH BRACED WALL PANEL MUST BE A MINIMUM OF 48' ... FOR METHOD 5 ABOVE, EACH BRACED WALL PANEL SHALL BE AT LEAST 96' ... WHERE APPLIED TO ONE FACE ... AND AT LEAST 48' WHERE APPLIED TO BOTH FACES.

R602.10.6 ALTERNATE BRACED WALL PANELS

1. IN ONE-STORY BUILDINGS EACH PANEL SHALL HAVE A LENGTH OF NOT LESS THAN 2'8" AND A HEIGHT OF NOT MORE THAN 10' ... ANCHOR BOLTS SHALL BE PLACED AT PANEL QUARTER POINTS. EACH PANEL END STUD SHALL HAVE A TIE-DOWN DEVICE FASTENED TO THE FOUNDATION, CAPABLE OF PROVIDING AN UPLIFT CAPACITY OF AT LEAST 1,800 LBS. (I.E. SIMPSON STD 10).

2. IN THE FIRST STORY OF TWO-STORY BUILDINGS, EACH BRACED WALL PANEL SHALL (ALSO HAVE) WOOD STRUCTURAL PANEL SHEATHING ON BOTH FACES ... AND TIE-DOWN DEVICE UPLIFT CAPACITY SHALL NOT BE LESS THAN 3,000 LBS.

0 = STDH-10 = BRACED WALL (see LEGEND)

FRAMER'S NOTES:

IN GENERAL:

- LINE EXTERIOR SHEATHING W/ OUTSIDE OF FOUNDATION WALL
- EXTERIOR WALLS DRAWN AS 6", WITH SHEATHING LINING UP WITH THE FOUNDATION WALL
- BEARING WALLS DRAWN AS 5 1/2"
- PLUMBING WALLS DRAWN AS 5 1/2"
- CURTAIN WALLS DRAWN AS 3 1/2"
- SOLID BEARING REQUIRED FOR ALL GIRDER TRUSSES AND BEAMS
- GIRDER TRUSSES TO BE ATTACHED TO THE TOP PLATE W/ SIMPSON HURRICANE STRAPS THAT ARE EQUAL TO OR EXCEED UPLIFT CALC'S PER TRUSS MANUFACTURER'S ENGINEERED DRAWINGS - TO BE SPECIFIED BY OTHERS (SEE TRUSS PLANS)

FLASHING AT THE FOLLOWING LOCATIONS:

- CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM
- AT WALL AND ROOF INTERSECTIONS
- WHERE PORCHES, DECKS OR EXTERIOR STAIRS ATTACH TO WOOD FRAMING

* IT IS THE EXPRESS RESPONSIBILITY OF THE GENERAL CONTRACTOR AND INDIVIDUAL SUBS TO INTERPRET THESE PLANS AND CREATE THE HOME. THESE PLANS ARE ONLY A GUIDELINE. CALL IMPACT DRAFTING & DESIGN IMMEDIATELY IF THERE ARE ANY QUESTIONS.

WINDOW NOTES

TEMPERED GLASS (SAFETY GLAZING, IRC 508.4) NEEDED IN THE FOLLOWING INSTANCES:

- IN SWINGING, HINGED, SLIDING, OR BIFOLD DOORS
- ENCLOSURES FOR SHOWERS, HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS; INCLUDES WINDOWS IN INTERIOR OR EXTERIOR WALLS IN THESE AREAS (R308.4.5)
- ANY GLASS IN RAILINGS
- WINDOWS WITHIN 24" OF A DOOR AND WITHIN 60" OF THE FLOOR
- WINDOWS WITH AN INDIVIDUAL PANE SIZE GREATER THAN 9 SQ. FT.
- GLASS WITHIN 18" OF THE FLOOR
- EXPOSED TOP EDGE GREATER THAN 36" ABOVE THE FLOOR
- ONE OR MORE WALKING SURFACES WITH IN 36" HORIZONTALLY

* CONTRACTOR AND WINDOW MANUFACTURER ARE EXPRESSLY RESPONSIBLE FOR WINDOWS MEETING ALL CODES, INCLUDING EGRESS.

All windows at a 6'10" hdr unless otherwise specified

For egress windows, ext. headers and alternate bracing see details

FIRST FLOOR = 1434 SQ. FT.
GARAGE = 597 SQ. FT.
SCALE: 1/4" = 1'

GENERAL BUILDING NOTES

WINDOW AND DOOR SIZES ARE NOMINAL, REFER TO INDIVIDUAL SUPPLIER CUT SHEETS

DUCTING

- DUCTS IN GARAGE AND PENETRATING WALLS AND CEILINGS MIN. 26 GAGE. NO OPENINGS IN GARAGE.

ELECTRICAL

- DO NOT DEVIATE FROM ELECTRICAL PLAN WITH OUT EXPRESS PERMISSION FROM DESIGNER OR OWNER.

- UNLESS OTHERWISE SPECIFIED, ELECTRICIAN SHOULD ASSUME THAT INTERIOR TRIM WIDTH IS 3/2" MINIMUM.

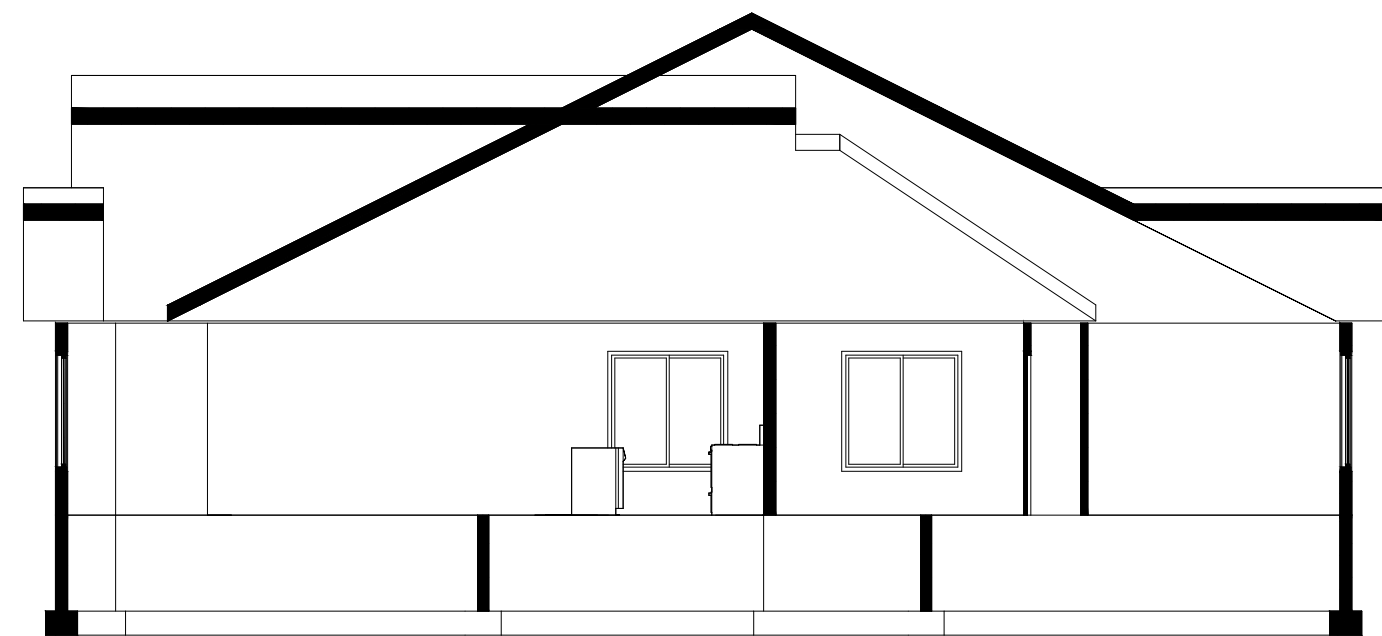
FOUNDATION / BASEMENT

- ALL BELOW GRADE LEVEL CONCRETE TO BE COVERED WITH APPROVED FOUNDATION COATING.
- CEMENT, FIBER-CEMENT OR GLASS MAT GYPSUM BACKER REQUIRED FOR WALL TILE IN SHOWERS AND TUB SURROUNDS, AND BEHIND SHOWER WALL PANELS

PLUMBING

- ALL TOILETS TO HAVE ELONGATED BOWLS AND PRESSURE ASSIST TANKS UNLESS OTHERWISE SPECIFIED.

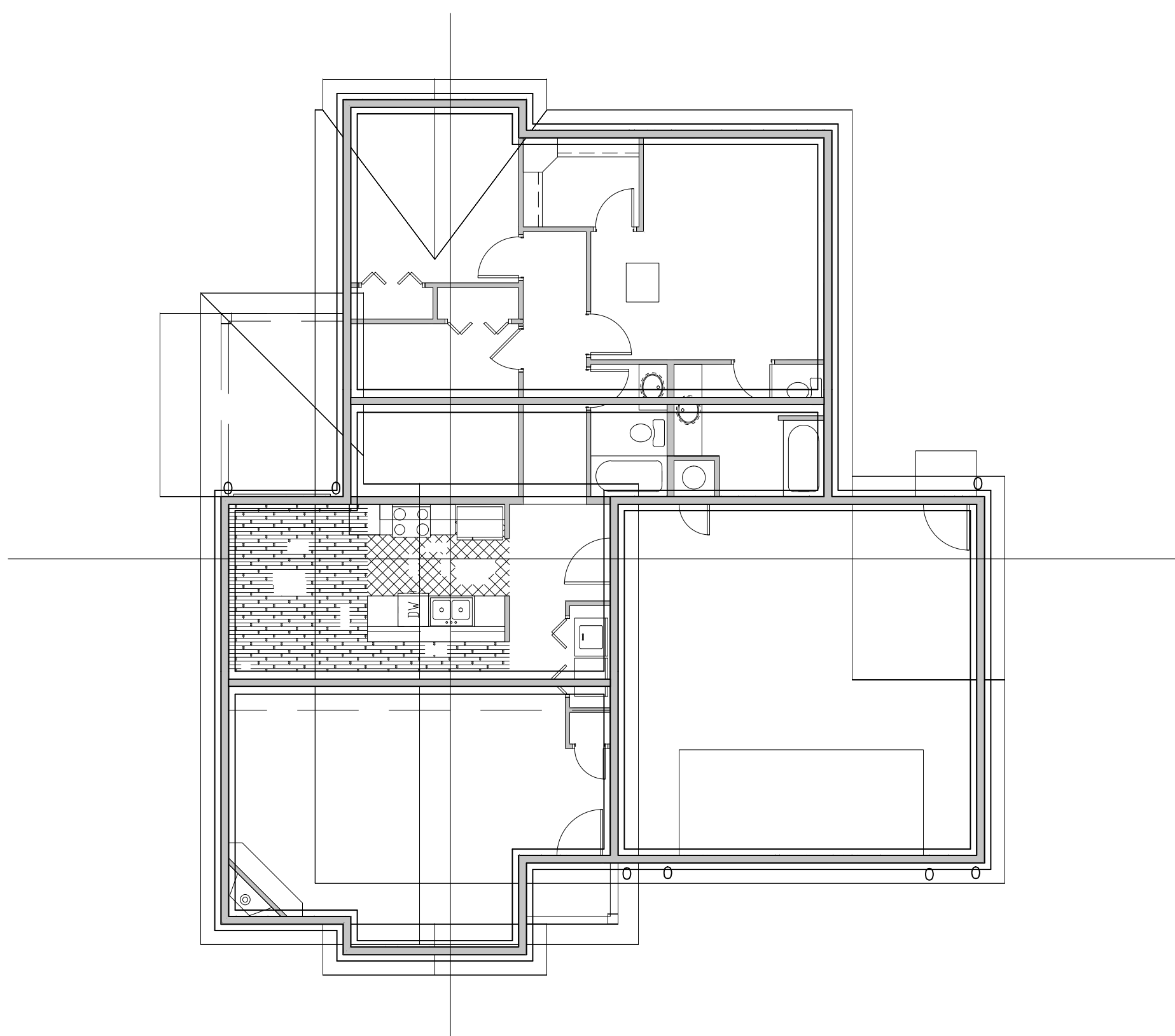
	Project Name: GUIDING LIGHT	Drawn by: J. ARUNDLE	Date: 28 NOV. 15
		Revised by:	Date:
17-1/2 South Tracy Ave #B - Bozeman, MT 59715 406.551.0552	Project No. 20151128		
GENERAL CONTRACTOR: BEN NIBTLER phone #: 570-7945 mobile #: PO BOX 10580	Scale: 1/4" = 1'-0"		
Note: Arundle Design is not responsible for engineering or construction. Individual contractors are responsible for meeting codes.		Floor Plan Main Floor	



SECTION A
SCALE: 1/8" = 1'-0"

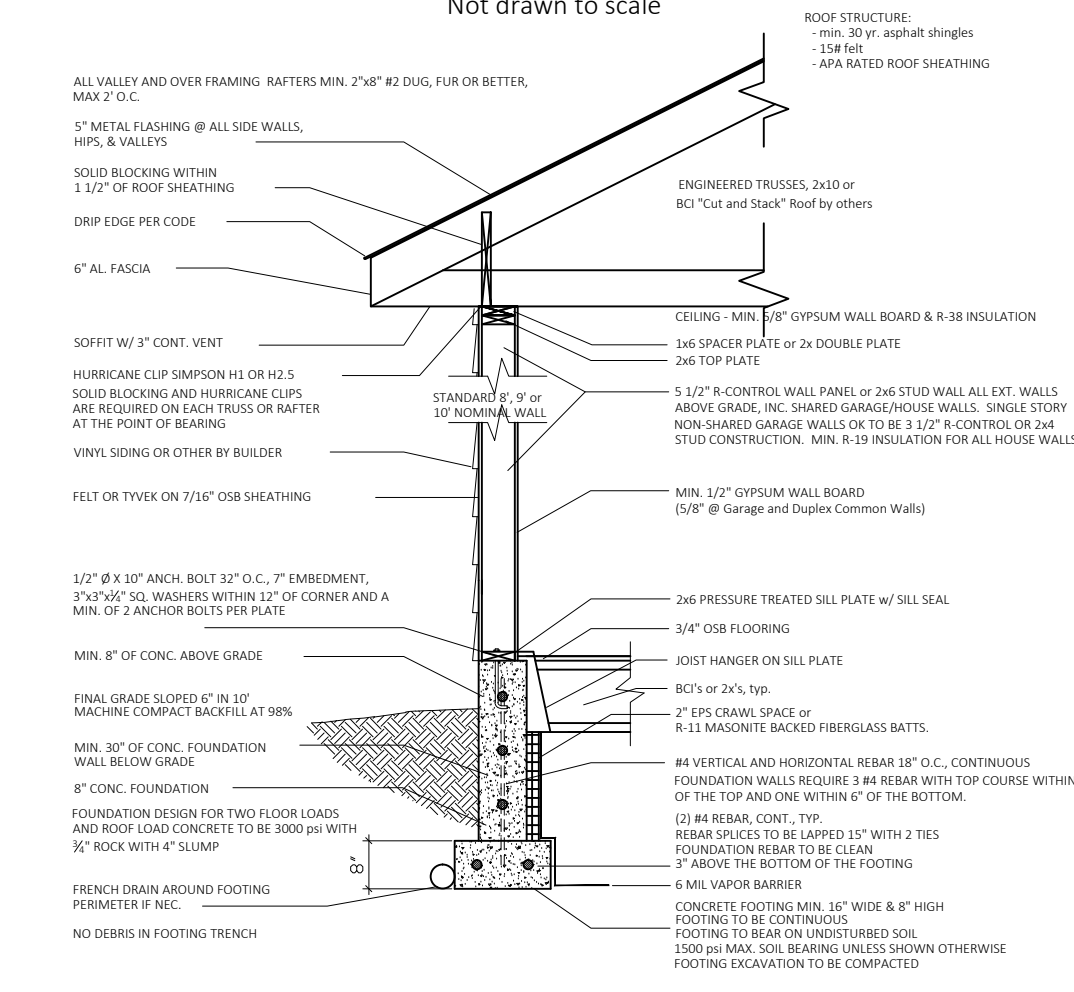


SECTION B
SCALE: 1/8" = 1'-0"

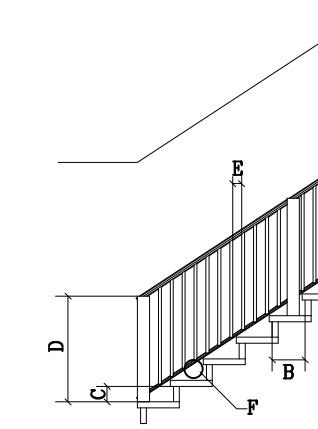


SECTIONS
SCALE: 1/8" = 1'-0"

Hung Floor Joist Typical Building Section
Not drawn to scale



TYPICAL STAIR SECTION



STAIR RULES (IRC R311, R312)
TYPICAL STAIRS:
MIN. FINISHED WIDTH = 36"
MAX. HANDRAIL PROJECTION = 1/2" each side
A = MIN. FINISHED HEAD CLEARANCE 6'-8"
(Down Recommendations: 5'-0" MIN.)
B = MIN. TREAD DEPTH = 10", W/ NOSING BETWEEN 3/4" AND 1 1/2"
(Down Recommendations: 10" MIN.)
C = MIN. RISE = 4", MAX RISE = 7 1/2"

SPIRAL STAIRS:
MIN. WIDTH = 20"
MIN. TREAD DEPTH @ 12" FROM NARROW END = 7 1/2"
MIN. HEAD HEIGHT = 6'-6"

ALL STAIRS:
ENCLOSED ACCESSIBLE SPACE UNDER STAIRS TO HAVE MIN. 5' GYP. BOARD ON ALL SURFACES

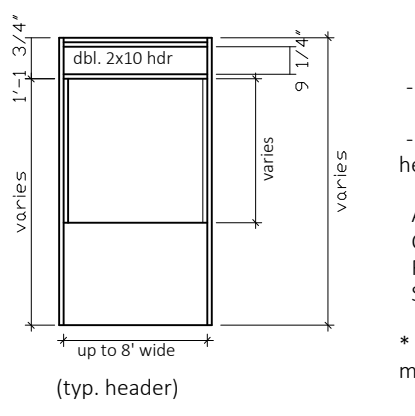
HANDRAILS (REQUIRED FOR 3 OR MORE RISERS)
D = MIN. 34" MAX. 38" ABOVE TREAD (Down Recommendations)
MIN. 1" BETWEEN HANDRAIL AND WALL
GRIP SIZE PER IRC R311.5
MAY HAVE WELLS, TURNOUTS OR STARTING RISERS AT LOWEST TREAD

GUARD RAILS (REQUIRED FOR 30" ABOVE FLOOR)
(OPEN STAIRS W/ RISE 30" OR MORE)
MIN. 36" IN HEIGHT FOR PORCHES, BALCONIES, ETC.
INTERMEDIATE RAILS DO NOT ALLOW PASSAGE OF 4" SPHERE
TRIANGULAR AREA FORMED BY RISER & BOTTOM RAIL DO NOT ALLOW PASSAGE OF 6" SPHERE

Plan follows the prescriptive code for
Seismic Design Category = D1
Design Wind Load (3 sec gust) exposure C
Basic Ground Snow Load = 46 PSF
Builder / Owner to be responsible for verifying accuracy and appropriateness

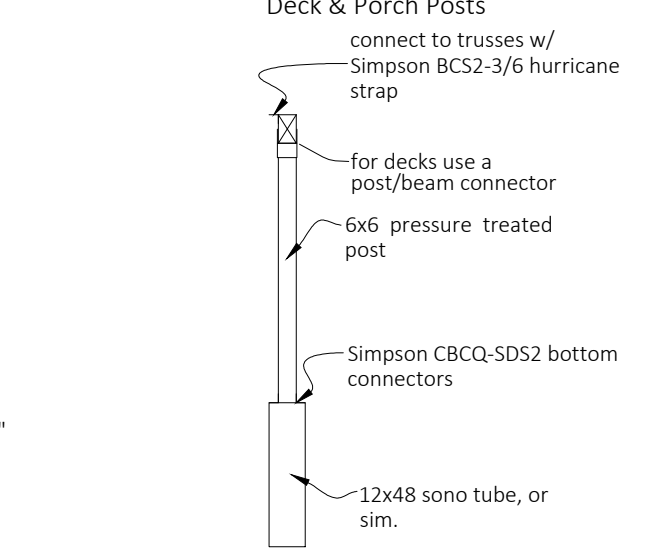
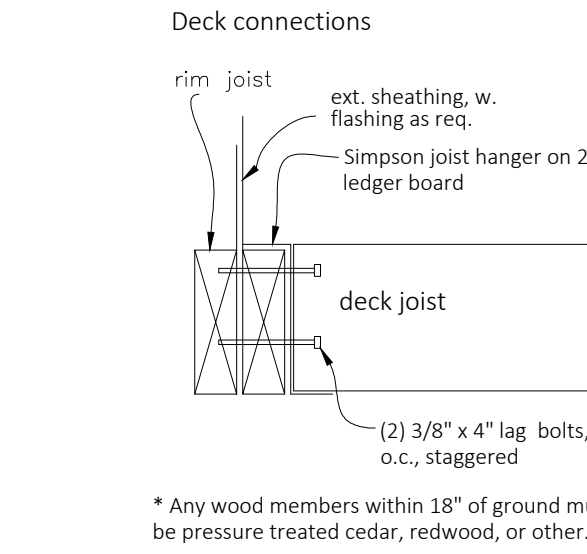
Panel Legend (Gyp. Board) Method

4" Exterior Panel (OSB)
Interior Panel (Gyp. Board Method, or sim.) - 96" of Gyp., fastened 7" O.C. (maybe 48" on each side of wall)
STHD 3D foundation strap, or sim., for Moment Framing, Panels within 12", or other.



Window and Door Legend
Doors are noted in feet and inches
Windows are noted in inches, with width first, height second
AR = Arched
CS = Casement
FX = Fixed
SL = Slider
AW = Awning
DH = Double Hung
SH = Single Hung
XOX = Double Slider
* Door and window sizes are nominal; actual sizes may vary per manufacturer.

* CONTRACTOR NOTE: ICE BARRIER IS REQUIRED (9905.2.7.1)
Shall extend from lowest edges of all roof surfaces to a point at least 24" inside the exterior wall line of the building.
You may meet this requirement with:
- Titanium Peel and Stick
- Weatherwatch
- Ice and Weather Armour by Tarco
- CCW Water and Ice Protection



This plan drawn in accordance with the:
- 2012 International Building Code
- 2012 International Mechanical Code
- 2012 International Fuel Gas Code
- 2012 International Energy Conservation Code
- 2012 Uniform Plumbing Code
- 2014 National Electrical Code
* General Contractor is expressly responsible for code adherence

	Project Name: GUIDING LIGHT	Drawn by: J. ARUNDLE	Date: 28 March 2015
	17-1/2 South Tracy Ave #B - Bozeman, MT 59715 406.551.0552	Revised by:	Date:
GENERAL CONTRACTOR: BEN NIBTLER	Project No. 20151128		
phone #:	Scale: 1/8" = 1'-0"		
mobile #:	Notes Page		