



STRUCTURAL INSULATED PANELS

MANUFACTURING/SALES  
PREMIER BUILDING SYSTEMS, LLC.  
18504 Canyon Rd E.  
PUYALLUP, WA 98375  
OFFICE-800.275.7086

# HESTER RESIDENCE

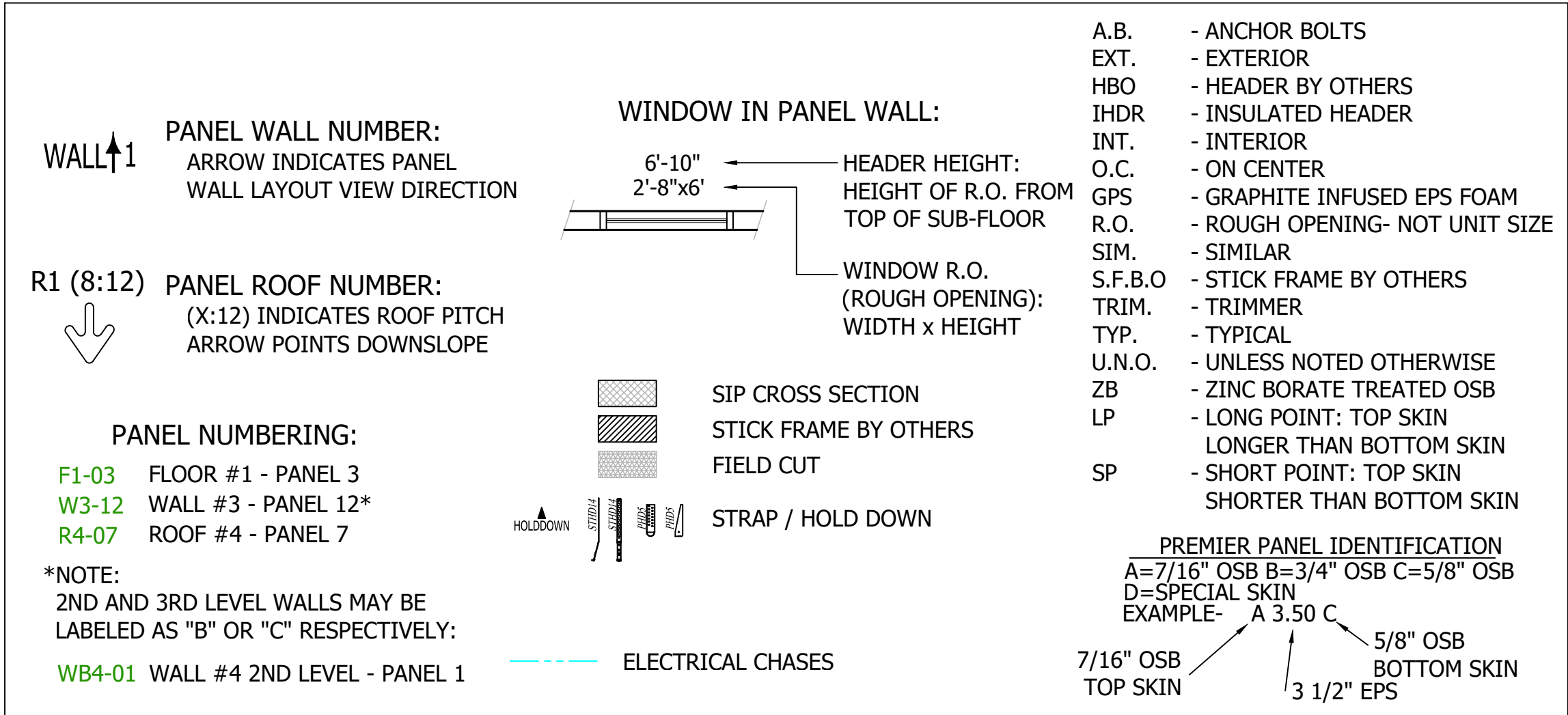
## GENERAL NOTES

- PREMIER IS A MATERIAL SUPPLIER AND NOT A BUILDER. PROPER INSTALLATION OF OUR PRODUCT SHOULD BE DONE BY A QUALIFIED CONTRACTOR. IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH ALL APPLICABLE AND LOCAL CODES AND REGULATIONS.
- SHOP DRAWINGS ARE PREMIER'S INTERPRETATION OF THE PLANS PROVIDED. THE CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS AND VERIFY ALL DIMENSIONS WITH ARCHITECT. PANELS ARE FABRICATED PER THESE SHOP DRAWINGS. ANY DISCREPANCIES OR MISSING ITEMS IN THESE SHOPS SHOULD BE NOTED.
- PREMIER SHOP DRAWINGS ARE TO BE USED IN CONJUNCTION WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS. IF ANYTHING IS NOT CLEAR OR THERE ARE QUESTIONS THEY SHOULD BE IMMEDIATELY DIRECTED TO THE ENGINEER OF RECORD.
- CONTRACTOR SHOULD LOOK THROUGH THE PLANS CAREFULLY TO INSURE THAT ALL ASPECTS OF SIP PACKAGE CAN BE CONSTRUCTED THROUGH THEIR PREFERRED MEANS AND METHODS PRIOR TO SIGNING OFF ON THE SHOP DRAWINGS.
- EXECUTION OF WORK FOR SIP PACKAGE MAY REQUIRE COORDINATION WITH OTHER TRADES (I.E. ELECTRICIAN, HVAC, WINDOW/DOOR MANUFACTURER, ETC...). THIS COORDINATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
- WHEN BUILT PROPERLY A SIP BUILDING PROVIDES A TIGHT ENVELOPE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE SIP STRUCTURE IS PROPERLY VENTILATED TO ENSURE PROPER AIR QUALITY AND HUMIDITY LEVELS.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO ENSURE THAT ALL SPLINES ARE PROPERLY SEATED INTO THE PANEL RECESSES AND COMPLETELY SEALED WITH MASTIC OR EXPANDING SPRAY FOAM, INCLUDING BUT NOT LIMITED TO SPLINE JOINTS, PENETRATIONS, LIFTING HOLES, ETC. VOIDS BETWEEN SPLINE JOINTS ARE NOT ACCEPTABLE IN A PROPER SIP INSTALLATION.
- THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE PROPER WEATHER BARRIER (I.E. HOUSE WRAPS, FLASHING, ROOF UNDERLAYMENT, ETC..) TO DRY IN THE BUILDING ENVELOPE.
- SOME DIMENSIONS CAN NOT BE VERIFIED UNTIL CONSTRUCTED. THEREFORE PREMIER TAKES NO RESPONSIBILITY FOR FIELD FABRICATION. SOME FIELD FABRICATED AREAS MAY HAVE BEEN HIGHLIGHTED ON THE DRAWINGS BUT MAY NOT BE LIMITED TO ONLY THOSE AREAS.
- YOU MAY EXPERIENCE DIMENSIONAL VARIANCES FROM THE CONSTRUCTION DRAWINGS AS PANELS ARE ASSEMBLED DUE TO GAPS AT PANEL JOINTS AND ADDITIONAL MISCELLANEOUS CONSTRUCTION VARIABLES SUCH AS FABRICATION TOLERANCES, LUMBER POST THICKNESS VARIANCES, ETC. FIELD CUTTING THE SIPS MAY BE REQUIRED TO ENSURE THAT THE TOTAL WALL OR ROOF ASSEMBLY IS PER THE CONSTRUCTION DRAWINGS. PREMIER WILL ADD GAPS AS INDICATED ON PANEL LAYOUTS BETWEEN PANEL JOINTS IN THE SHOP DRAWINGS (TYPICALLY 1/8" GAP).
- IT IS THE BUILDERS RESPONSIBILITY TO DETERMINE ALL MATERIALS NECESSARY FOR PANEL INSTALLATION. THIS INCLUDES VERIFYING THAT THE MATERIALS PREMIER WILL BE PROVIDING ARE ADEQUATE FOR THE PROJECT AND SOURCE ANY ADDITIONAL MATERIALS REQUIRED FOR PANEL INSTALLATION THAT ARE NOT PROVIDED BY PREMIER.
- PANEL WALL AND/OR ROOF LAYOUTS INCLUDE LOCATIONS OF FACTORY ELECTRICAL CHASES AS INDICATED IN THE LEGEND BELOW. ADDITIONAL "CUSTOM" ELECTRICAL CHASES MAY BE ADDED FOR A FEE.

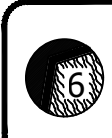
## DELIVERY & STORAGE

IN ORDER TO KEEP YOUR FREIGHT COSTS TO A MINIMUM AND MAKE THE MOST EFFICIENT USE OF THE SPACE AVAILABLE ON A TRUCK, WE TYPICALLY DO NOT SHIP PANELS IN NUMERICAL SEQUENCE. BEAR IN MIND THAT ALL PANELS HAVE MARKINGS WHICH DO MAKE FOR A SMOOTH IDENTIFICATION PROCESS. HOWEVER, IF YOU DESIRE A SPECIAL LOADING PLAN, THAT REQUEST, AND LAYOUT, MUST BE MADE CONCURRENT WITH THE RETURN OF THE SIGNED SHOP DRAWINGS AND MAY BE SUBJECT TO AN ADDITIONAL FEE. PANELS ARE FABRICATED AT 4' & 8' WIDTHS AND UP TO 24' LENGTHS. 6' FORKS ARE REQUIRED FOR 8' WIDE PANELS (REFER TO THE CONTRACT OF SALE FOR MORE INFORMATION OR ASK PREMIER FOR A DELIVERY INFORMATION SHEET). ALL PANELS SHALL BE STORED IN A PROTECTED AREA AND SUPPORTED EVERY 4' TO PREVENT DEFORMATION AND CONTACT WITH THE GROUND. DO NOT USE A BLACK OR DARK COLORED TARP. PRIOR TO INSTALLATION, ALL PANELS SHALL BE COVERED TO PREVENT CONTACT WITH WATER ON ALL EXPOSED PANEL EDGES.

## LEGEND/ABBREVIATIONS



THIS PROJECT UTILIZES THE FOLLOWING PANEL TYPES



PREMIER WALL TYPE  
EPS A5.50A ZB



PREMIER ROOF TYPE  
EPS A9.25A ZB

SIGN HERE  
PLEASE

ENGINEERING DATA			
WIND SPEED: 7/10 MPH	EXP. B	SEISMIC: D	
FLOOR LOAD	XX PSF	ROOF LOAD	XX PSF
LIVE LOAD: XX PSF		DEAD LOAD: XX PSF	
DEAD LOAD: XX PSF		TOTAL LOAD: XX PSF	

## LIST OF DRAWINGS

- TITLE SHEET, PROJECT INFO
- PANEL PERSPECTIVES
- FLOOR PLAN
- ROOF PLAN & SECTIONS
- WALL PANEL LAYOUTS
- ROOF PANEL LAYOUTS
- PBS DETAILS

PROJECT NAME

HESTER RESIDENCE

20210420-0006

CONTACT INFORMATION

SITE ADDRESS

6801 120 ST NW  
GIG HARBOR, WA 98332

JANELLE HESTER  
7107 120TH ST NW  
GIG HARBOR, WA 98332

253-380-1617

DRAWN BY:	ROD KOBER	MAY 20, 2021
CHECKED BY:		

### REVISIONS:

#	DRAFTER	DATE	TYPE
1.	RK	06-10-2021	SIP E-REV
2.	RK	08-03-2021	REV
3.	RK	09-13-2021	FINAL
4.			
5.			

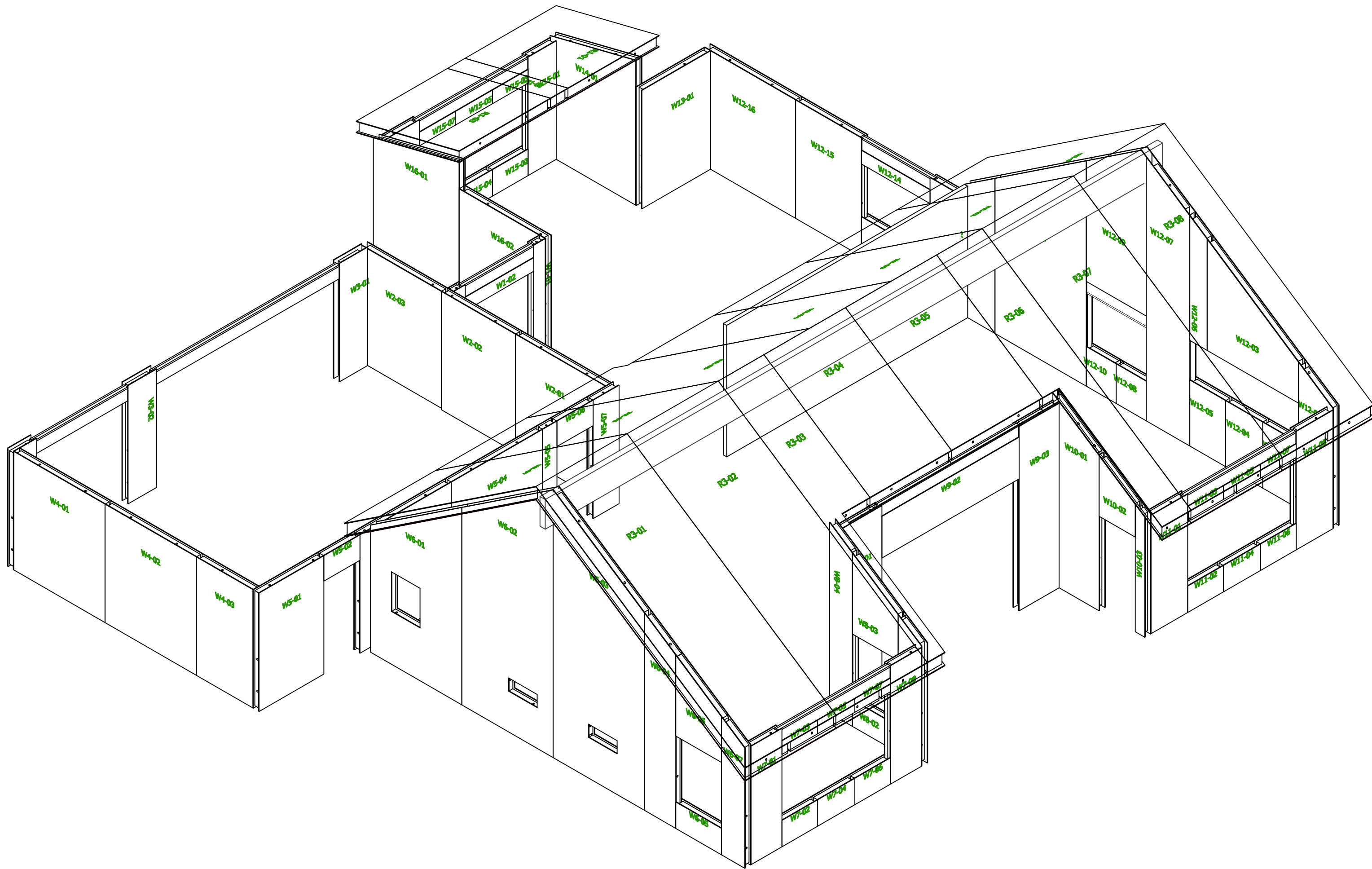
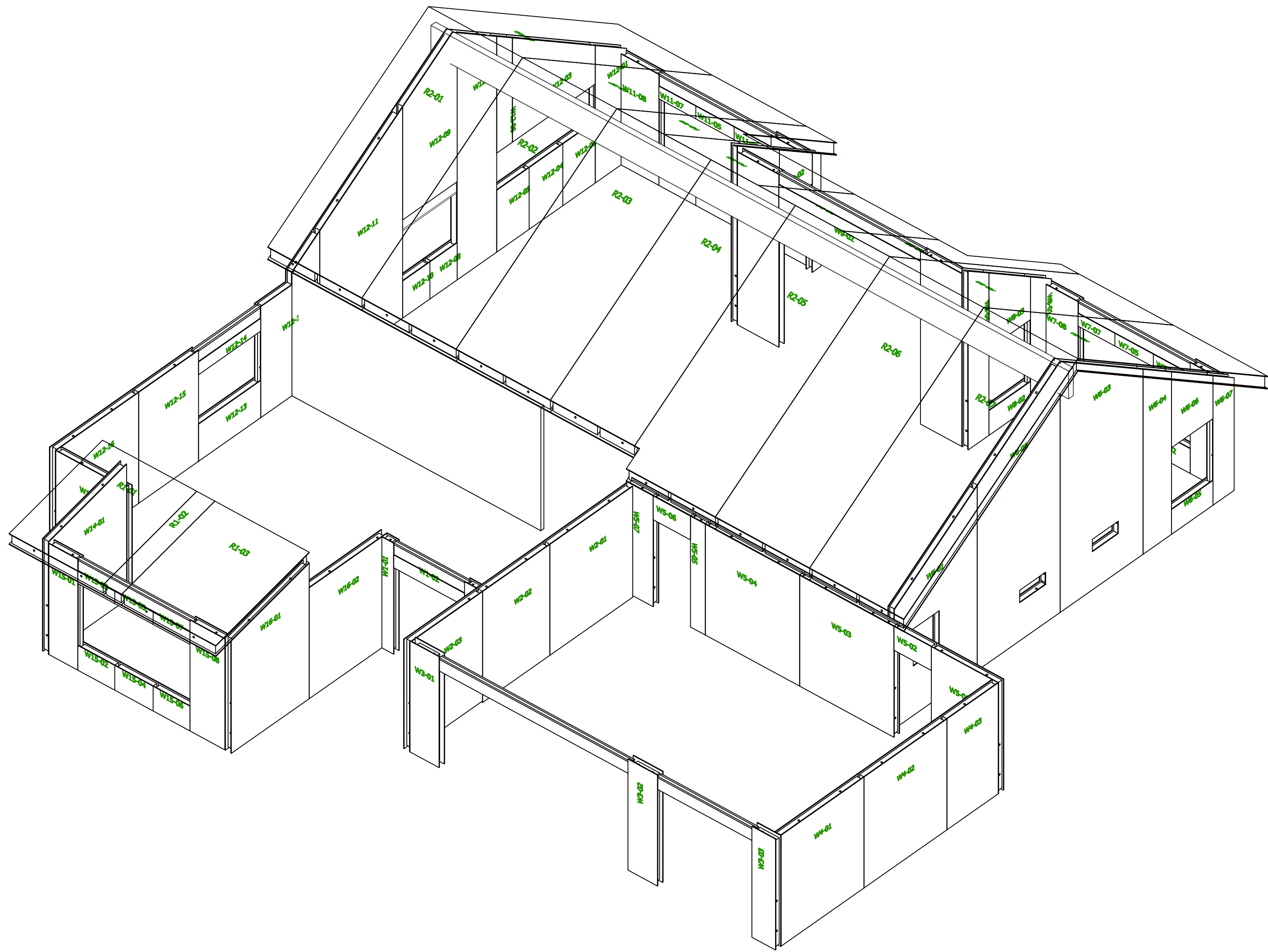
AS A SUPPLIER OF MATERIALS ONLY, PREMIER SIPS DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN, ENGINEERING, OR DIMENSIONS. OWNER/AGENT (ARCHITECT, CONTRACTOR, AND/OR INSTALLER) SHALL VERIFY ALL DIMENSIONS AND SIZES, AND BY SIGNING THESE PLANS, THE OWNER TAKES FULL RESPONSIBILITY FOR THEIR ACCURACY.

CUSTOMER'S SIGNATURE

DATE

- ☐ REVISE & RESUBMIT
- ☐ APPROVED WITH REVISIONS AS NOTED IN RED
- ☐ APPROVED AS DRAWN





Panel Perspectives

REVISONS:		DATE	TYPE
#	DRAWER		SIP E-REV
1.	RK	04-10-2021	REV
2.	RK	08-03-2021	REV
3.	RK	09-13-2021	FINAL
4.			
5.			

PANEL PERSPECTIVE

CUSTOMER APPROVAL:		DATE
AS A SUPPLIER OF MATERIALS, PREMIER BUILDING SYSTEMS DOES NOT WARRANT THE ACCURACY OF THIS DRAWING. THE ARCHITECT, ENGINEER, OR DIMENSIONS, OWNER/AGENT (ARCHITECT, ENGINEER, OR DIMENSIONS) SHALL VERIFY ALL DIMENSIONS, AND/OR INSTALLATION SHALL VERIFY ALL DIMENSIONS, AND/OR INSTALLATION SHALL VERIFY ALL DIMENSIONS, AND/OR INSTALLATION SHALL VERIFY ALL DIMENSIONS. THE OWNER TAKES FULL RESPONSIBILITY FOR THEIR ACCURACY.		
SIGNATURE		

PROJECT INFORMATION:	<i>Hester Residence</i> 20210420-0006 Gig Harbor, Washington
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DRAWN:	RK
CHECKED:	
DATE:	05-20-2021
SCALE:	VARIES
SHEET NO.	2 OF 7

1. ALL ENGINEERING PROVIDED BY OTHERS.
2. SOME INTERIOR WALLS SHOWN FOR REFERENCE ONLY.
3. ALL OVERHANG DIMENSIONS ARE TO TOP SKIN OF SIP ROOF PANEL. U.N.O.
4. ROUGH OR SMOOTH OSB DOES NOT DENOTE TOP OR BOTTOM OF SIP. REFER TO PANEL LAYOUTS FOR PANEL ORIENTATION.
5. ALL IN-PLANE, PANEL-TO-PANEL JOINTS PBS-005 U.N.O
6. INSULATED HEADERS (IHDR-2 PLY) ARE CUT TO 1' INCREMENTS ROUNDED UP FROM THE REQUIRED ROUGH OPENING. (IF YOU'RE ABOUT TO CUT OFF MORE THAN 1' OF INSULATED HEADER THEN YOU'RE CUTTING THE WRONG ONE).
7. I-JOISTS ARE CUT TO 2' INCREMENTS ROUNDED UP FROM THE REQUIRED SPAN. (IF YOU'RE ABOUT TO CUT OFF MORE THAN 2' OF I-JOISTS THEN YOU'RE CUTTING THE WRONG ONE).
8. STANDARD DETAILS PROVIDED FOR TYPICAL INSTALLATION METHODS. REFERENCE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR JOB SPECIFIC CONNECTION DETAILS, WHICH TAKE PRECEDENT OVER PBS TYPICAL DETAILS.
9. BEAM POCKETS TO BE FIELD CUT FOR PROPER ELEVATION AND SIZE.
10. FACTORY INSTALLED LUMBER (IF REQUESTED BY CUSTOMER) WILL BE HIGHLIGHTED IN RED IN THE SIP PANEL LAYOUTS.
11. STANDARD WALL ELECTRICAL CHASES INCLUDED BY DEFAULT. HORIZONTAL CHASES ARE 16" AND 45" ABOVE BOTTOM OF PANEL AND VERTICALLY APPROXIMATELY 4'-0" O.C DEPENDING ON PANEL WIDTHS.



All SIP wall Panels are type **A** unless noted otherwise





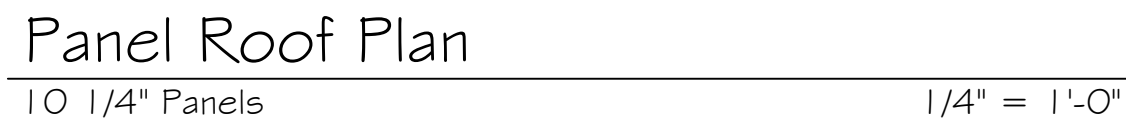


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- Architectural drawing of a roof structure showing various dimensions and components. The drawing includes a cross-section of a gabled roof with a truss system. Key dimensions include overall lengths (e.g., 9'-9 3/8", 11'-8 3/8", 22'-9 3/8"), top skin lengths (e.g., 9'-3 3/8", 11'-1 1/8"), and vertical heights (e.g., 9'-1 1/8", 13'-1 1/8" SIP). Components labeled include WALL W/15, WALL W/5, WALL W/10 BEYOND, and TRUSS ROOF AND OVER FRAME BY OTHERS. A note indicates "Bearing Wall or Beam to Support Roof Required".

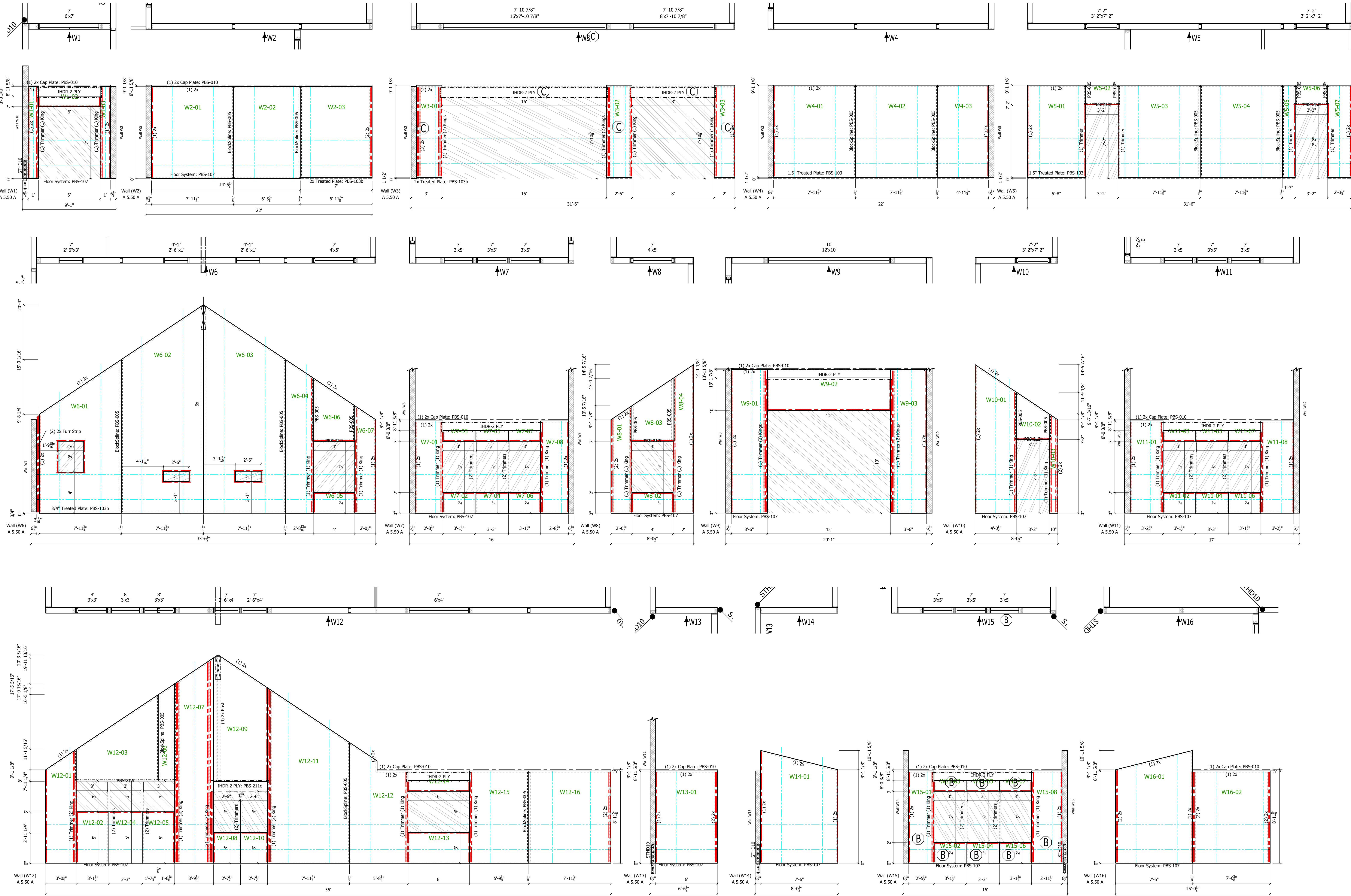
Section B

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1/4" = 1'-0"







Panel Wall Layouts

6 1/2" Panels

1/4" = 1'-0"

REVISIONS:		DATE	TYPE
#	CHANGES		
1.	RK	06-15-2021	SIP EREV
2.	RK	08-03-2021	REV
3.	RK	09-13-2021	FINAL
4.			
5.			

CUSTOMER APPROVAL:		DATE
AS A SUPPLIER OF MATERIALS, PREMIER BUILDING SYSTEMS DOES NOT WARRANT THE ACCURACY OF THE INFORMATION PROVIDED HEREIN. THE CONTRACTOR AND/OR INSTALLER SHALL VERIFY ALL DIMENSIONS, CONDITIONS, AND REQUIREMENTS OF THE PROJECT BEFORE INSTALLATION. THE OWNER TAKES FULL RESPONSIBILITY FOR THEIR ACCURACY.		
SIGNATURE		

PROJECT INFORMATION:		DATE
Hester Residence 20210420-0006 Gig Harbor, Washington		
DRAWN: RK		
CHECKED: 05-20-2021		
DATE: VARIES		
SCALE: 1/4" = 1'-0"		
SHEET NO. 5 OF 7		



REVISIONS:		#	DATE	TYPE
		1.	RK	SIP PERV
		2.	RK	REV
		3.	RK	FINAL
		4.		
		5.		

CUSTOMER APPROVAL:		DATE
AS A SUPPLIER OF MATERIALS, PREMIER BUILDING SYSTEMS DOES NOT WARRANT THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE CONTRACTOR AND/OR INSTALLER SHALL VERIFY ALL DIMENSIONS, OVERLAP, AND/OR INSTALLATION. THE OWNER TAKES FULL RESPONSIBILITY FOR THEIR ACCURACY.		
SIGNATURE		

PROJECT INFORMATION:  
*Hester Residence*  
20210420-0006  
Gig Harbor, Washington

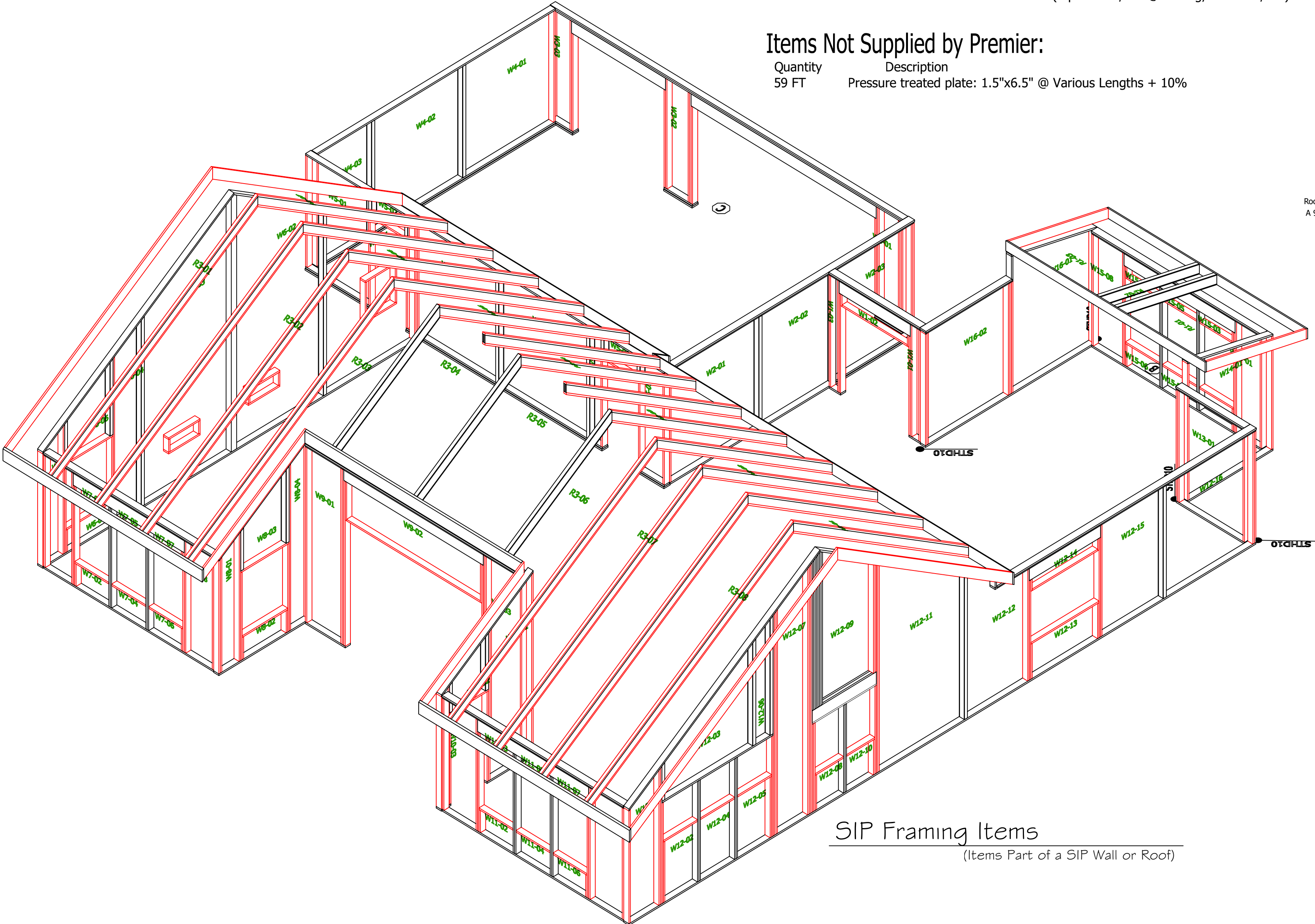
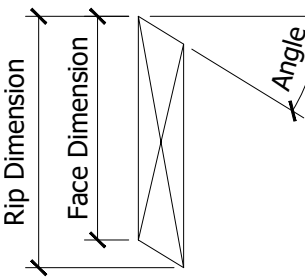
DRAWN:	RK
CHECKED:	
DATE:	05-20-2021
SCALE:	VARIES
SHEET NO.	6 OF 7

SIP FRAMING ITEMS:  
THIS IS A LIST OF FRAMING ITEMS PART OF A SIP; BASICALLY ANY LUMBER ITEMS INSTALLED WITHIN A SIP AS WELL AS ANY CAP AND SILL PLATES THAT ARE INSTALLED DIRECTLY ON TOP OF OR JUST BELOW A SIP WALL. ALL PLATE MATERIAL (TOP AND BOTTOM HORIZONTAL PIECES IN SIP WALLS & SUB-FASCIA IN SIP ROOFS) AS WELL AS ANY CUT LENGTHS LESS THAN OR EQUAL TO 8'-0" ARE ADDED UP USING THE FT (LINEAL FOOT) UNIT OF MEASURE. ANY CUT LENGTHS OVER 8'-0" ARE QUANTIFIED USING THE EA (EACH) UNIT OF MEASURE (I.E. A 2X6 CORNER STUD CUT TO 11'-3" WOULD BE ADDED TO THE LIST AS (1) 2X6X12'). PLEASE KEEP IN MIND THAT UNLESS NOTED OTHERWISE THIS LIST IS EXACT AND THAT YOU WILL NEED TO ADD ADDITIONAL MATERIAL TO COMPENSATE FOR YIELD LOSS THAT OCCURS IN THE FIELD AS YOU CUT MATERIAL. THIS LIST IS INFORMATIVE ONLY AND PREMIER IS NOT RESPONSIBLE FOR ANY INACCURACIES WHATSOEVER.

RIP / BEVEL LUMBER CUTTING INSTRUCTIONS:  
PIECES OF LUMBER THAT WILL NEED TO BE RIPPED OR BEVELED WILL BE NOTED ON THE MATERIAL LIST AS:

RIP TO X" @ Y DEG, FACE=Z".

WHERE X" IS THE TABLE SAW RIP FENCE SETTING AND Y IS THE BEVEL ANGLE SETTING (ASSUMING RIGHT TILT BLADE), AND Z" IS THE FINISHED FACE DIMENSION.



### SIP Framing Items

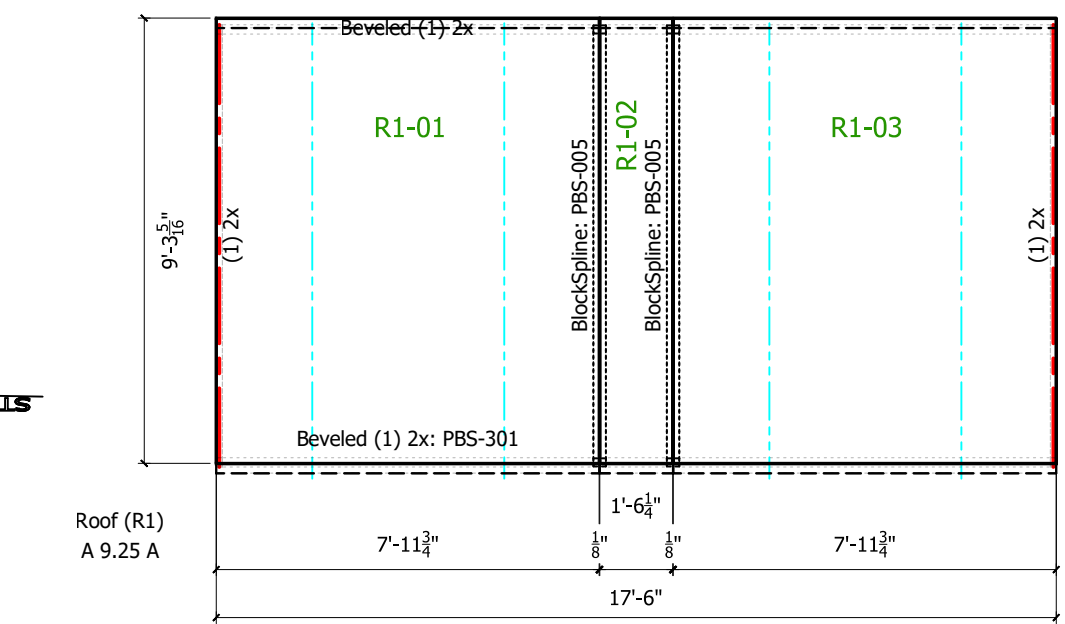
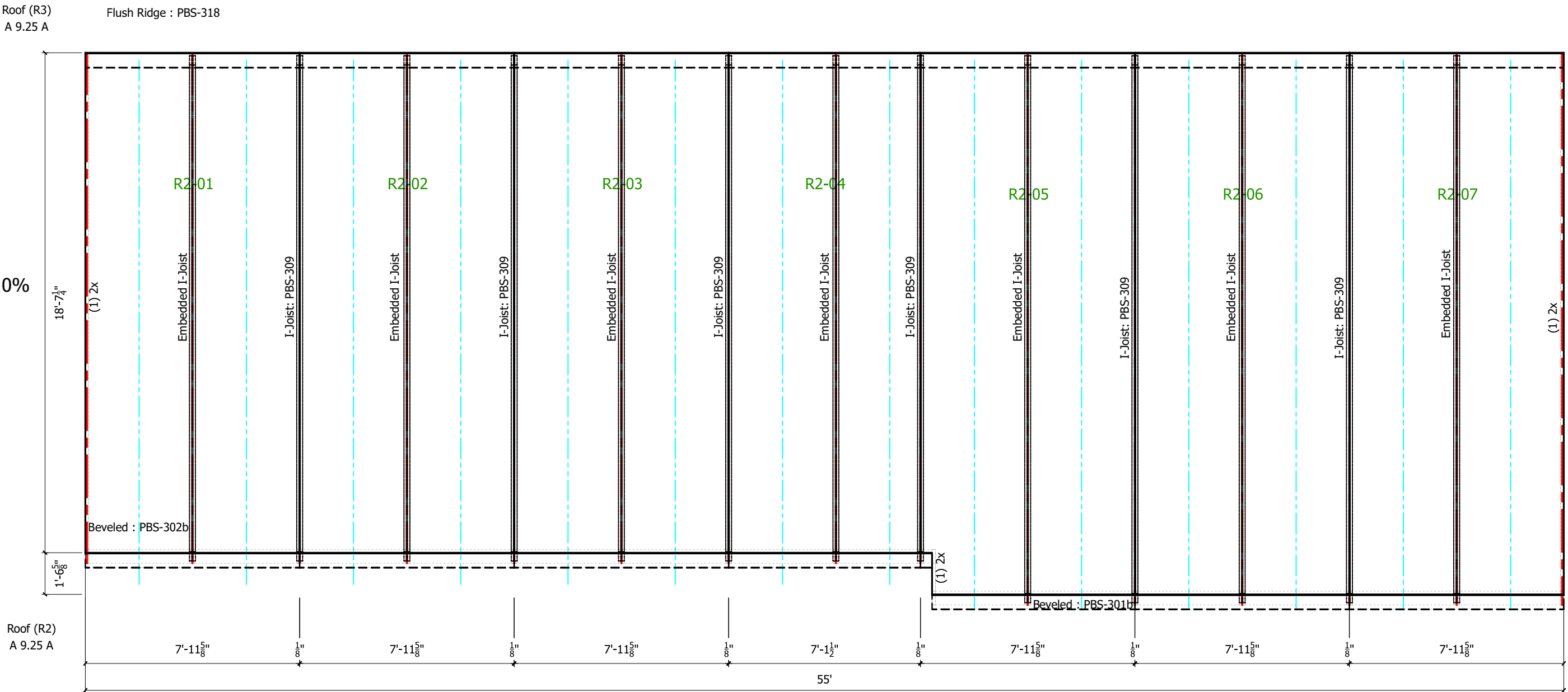
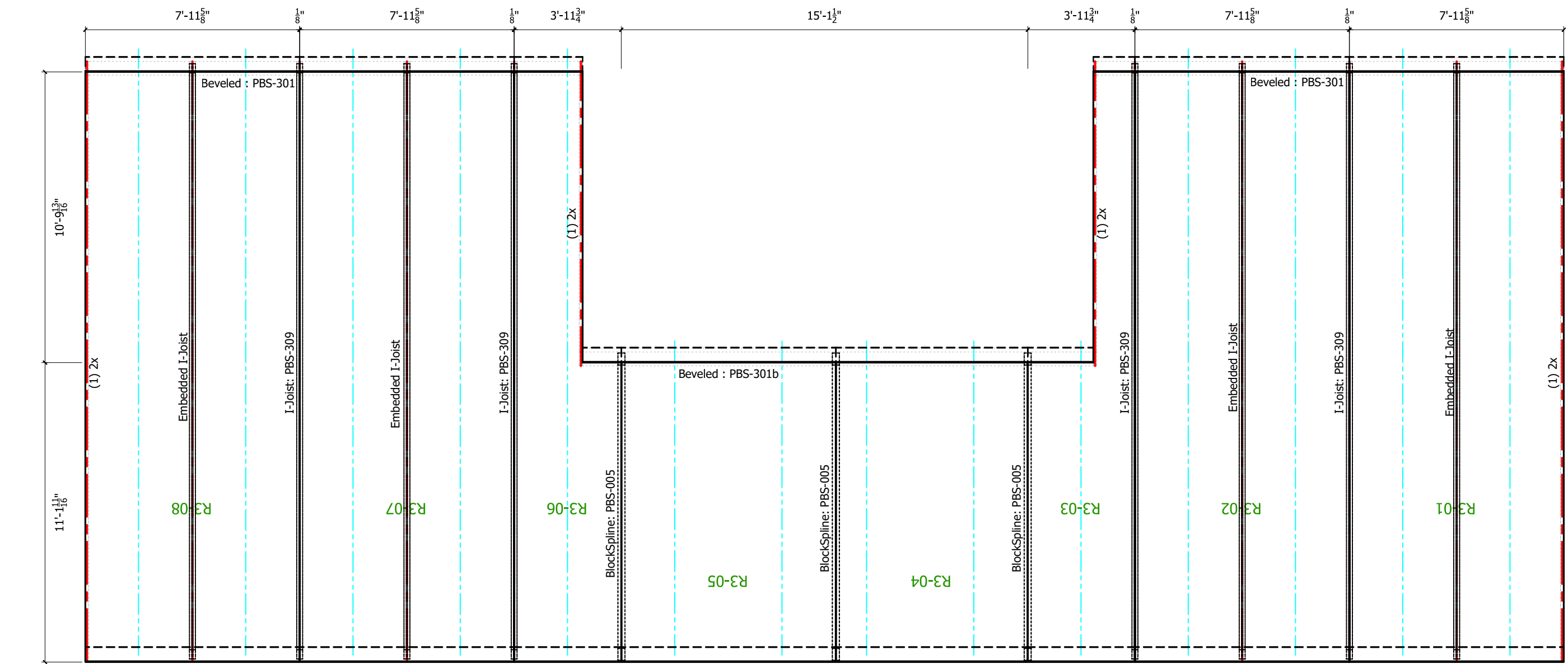
(Items Part of a SIP Wall or Roof)

### Items Shipped Loose by Premier:

Quantity	Description
1 EA	IHDR-2 PLY: 5.5"x9'
2 EA	IHDR-2 PLY: 5.5"x7'
1 EA	IHDR-2 PLY: 5.5"x6'
1 EA	IHDR-2 PLY: 5.5"x17'
1 EA	IHDR-2 PLY: 5.5"x13'
3 EA	IHDR-2 PLY: 5.5"x10'
8 EA	Block Spline: 9.25" @ 8' Lengths + 10%
22 EA	Block Spline: 5.5" @ 8' Lengths + 10%
1 EA	Lumber: 6x6x20'
152 FT	Lumber: 2x8 @ Various Lengths + 10% (Rip to 6 1/2")
60 EA	Lumber: 2x6x16' Plate Material + Field Installed Lumber @ Various Lengths + 10%
8 EA	Lumber: 2x14x16 Subfascia + 10% (Rip to 12 1/8" @ 33.7 deg, face=11 1/8")
3 EA	Lumber: 2x12x16 Subfascia + 10% (Rip to 9 15/16" @ 14 deg, face=9 9/16")

### Items Not Supplied by Premier:

Quantity	Description
59 FT	Pressure treated plate: 1.5"x6.5" @ Various Lengths + 10%



### Panel Roof Layouts

10 1/4" Panels 1/4" = 1'-0"



