

# PREMIER SIPS

STRUCTURAL INSULATED PANELS



## MANUFACTURING/SALES

19727 57th AVE E.  
PUYALLUP, WA 98375  
OFFICE-800.275.7086  
FAX-253.271.3265

1155 BUSINESS PARK DR.  
DIXON, CA 95620  
OFFICE-707.678.6900  
FAX-707.678.2962

## SALES

270 FLOSS FLAT SUITE A  
BELGRADE, MONTANA 59714  
OFFICE-406.388.5553  
FAX-406.388.5557

## NOTES:

# RIO HOUSING

## 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 CONTRACTOR'S 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.

## REVIEWING PANEL LAYOUT DRAWINGS

TWO ROUNDS OF REVISIONS/EDITS ARE INCLUDED IN THE INITIAL PRE-PRODUCTION SERVICES PORTION OF THE PBS ESTIMATE. ADDITIONAL REVISIONS MAY INCUR ADDITIONAL FEES.

WHEN REVIEWING SHOP DRAWINGS, BEGIN BY CHECKING ALL OF THE OVERALL DIMENSIONS OF THE PROJECT. IF THE PROJECT HAS FLOOR PANELS, PLEASE CHECK POINT LOAD LOCATIONS FOR SOLID BLOCKING AND MAKE SURE ANY OPENINGS OR STEP DOWNS ARE CORRECT. AFTER THE FLOORS HAVE BEEN COMPLETELY CHECKED, MOVE TO THE WALLS. THE WALLS WILL BE SHOWN ON A KEYED FLOOR PLAN WITH WALL NUMBERS CALLED OUT AND AN ARROW POINTING THE VIEW DIRECTION OF EACH OF THE PANEL WALL LAYOUTS. THESE NUMBERS AND THEIR ORIENTATION WILL ALSO BE LOCATED BELOW EVERY PANELIZED WALL. OBSERVE THE LOCATION OF THE PANEL CORNER LAPS. SOME OF THE WALLS WILL BE SHORTER DUE TO CORNER LAPS AND TO THE PANEL THICKNESS. AFTER YOU HAVE MADE SURE ALL DIMENSIONS MATCH YOUR ARCHITECTURAL PLANS, MOVE TO THE WINDOWS AND DOORS. MAKE SURE THAT THE ROUGH OPENINGS FOR THE WINDOWS AND DOORS ARE THE CORRECT SIZE AND ARE LOCATED PROPERLY. IF THE ROOF FOR THE PROJECT IS ALSO PANELS, CHECK THE ROOF PITCH, RIDGE LOCATION, AND THE OVERHANGS AT THE EAVES AND GABLES. EVEN IF THE ROOF IS A SYSTEM OTHER THAN PANELS, GABLE WALL HEIGHTS MAY BE DEPENDENT ON HEEL HEIGHTS OR BE NOTCHED FOR LOOK OUT SUPPORTS. IF THERE ARE SKYLIGHTS, CHECK THE ROUGH OPENINGS FOR CORRECT SIZE AND LOCATION. PANEL DRAWINGS ARE TO BE REVIEWED BY OWNER/AGENT AND APPROVED BY OWNER, CONFIRMING ALL DIMENSIONS. OWNER IS RESPONSIBLE FOR VERIFYING ALL PANEL DRAWING DIMENSIONS TO ENSURE PROPER ASSEMBLY. CHECK CORRECT DIMENSIONS AND CLOUD CHANGED DIMENSIONS WITH AN APPROPRIATE ARROW REFERENCING THE DIRECTION OF CHANGE. UNCHECKED DIMENSIONS MAY RESULT IN FIELD FABRICATION.

WHEN YOU HAVE FINISHED VERIFYING THE SHOP DRAWINGS AND HAVE MADE ANY CHANGES/CORRECTIONS, COPY THOSE CHANGES TO THE SHOP DRAWINGS AND SEND BACK TO PREMIER FOR REVISIONS.

ANY AND ALL DISCREPANCIES RELATED TO PANELS ON SITE ARE THE RESPONSIBILITY OF OWNER UNLESS THERE IS A DIFFERENCE BETWEEN FABRICATED PANELS AND SIGNED SHOP DRAWINGS. PREMIER HOLDS FIRST RIGHT OF DECISION TO REPLACE, REPAIR OR PAY FOR REPAIR OF ALL PRODUCTS IN DISCREPANCY WITH FINAL SHOP DRAWINGS.

## LIST OF DRAWINGS

- TITLE SHEET, PROJECT INFO
- FLOOR PLAN
- ROOF PLAN
- PERSPECTIVES
- WALL PANEL ELEVATIONS

ENGINEERING DATA

WIND SPEED: <u>XX</u> MPH	EXP. <u>XX</u>	SERVIC. <u>XX</u>
FLOOR LOAD: <u>XX</u> PSF	ROOF LOAD: <u>XX</u> PSF	
LIVE LOAD: <u>XX</u> PSF	DEAD LOAD: <u>XX</u> PSF	
DEAD LOAD: <u>XX</u> PSF	TOTAL LOAD: <u>XX</u> PSF	

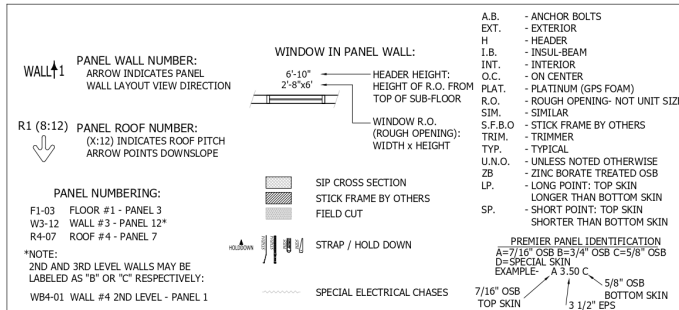
PROJECT NAME	PURCHASER NAME	PHONE	
JOB NUMBER	JOB NAME		
CONTACT INFORMATION	PURCHASER COMPANY		
	ADDRESS		
	ADDRESS		
	ADDRESS		
DRAWN BY: <u>NAME</u>		DATE	
CHECKED BY: <u>NAME</u>			
REVISIONS:			
#	DRAFTER	DATE	TYPE
1.			
2.			
3.			
4.			
5.			

## 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.

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.

## LEGEND/ABBREVIATIONS



THIS PROJECT UTILIZES THE FOLLOWING PANEL TYPES

	PREMIER WALL TYPE A5.50A
	PREMIER ROOF TYPE A9.25A

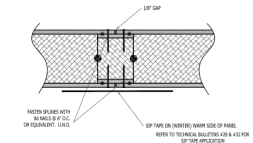
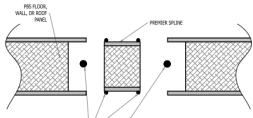
SIGN HERE PLEASE

CUSTOMER'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

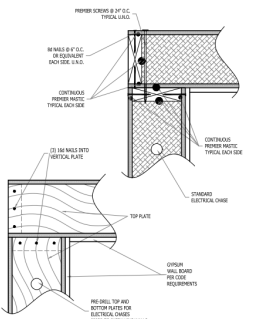
CUSTOMER'S REQUESTED DATE OF DELIVERY \_\_\_\_\_

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

- NOTES:**
1. ALL ENGINEERING PROVIDED BY OTHERS.
  2. ALL OVERHANG DIMENSIONS ARE TO TOP SKIN OF SIP ROOF PANEL. U.N.O.
  3. ROUGH OR SMOOTH SIDE DOES NOT DENOTE TOP OR BOTTOM OF SIP. REFER TO PANEL LAYOUTS FOR PANEL ORIENTATION.
  4. ALL IN-PLANE, PANEL-TO-PANEL JOINTS PBS-005 U.N.O.
  5. INSUL-BEAM HEADERS ARE CUT TO 1" INCREMENTS ROUNDED UP FROM THE REQUIRED ROUGH OPENING. (IF YOU'RE ABOUT TO CUT OFF MORE THAN 1' OF INSUL-BEAM THEN YOU'RE CUTTING THE WRONG ONE).
  6. 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).
  7. SIP TAPE PROVIDED FOR ROOF CONNECTIONS ONLY.
  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. NO ELECTRICAL CHASES IN SIP ROOF PANELS U.N.O.



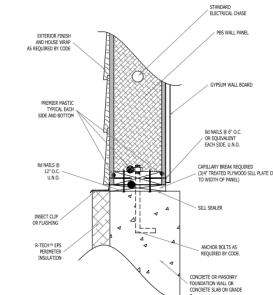
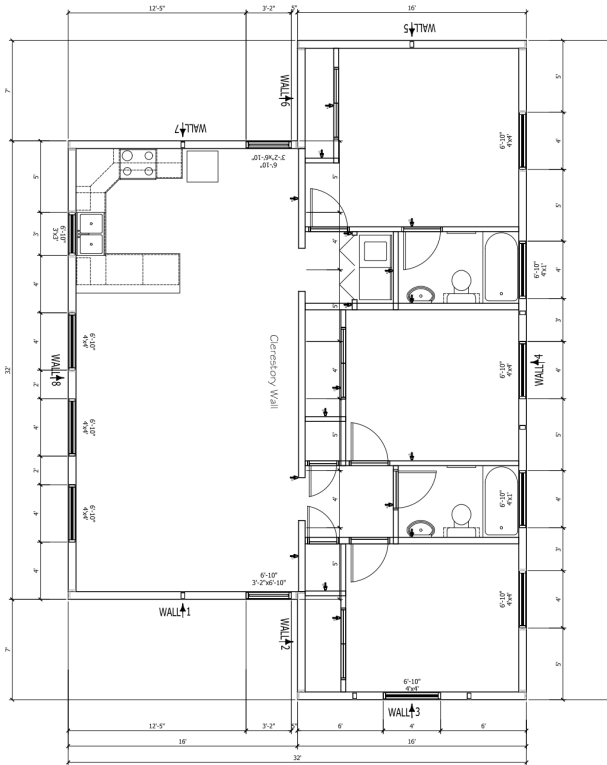
**PBS-005 PREMIER SPLINE CONNECTION** 11-09-00  
PREMIER BUILDING SYSTEMS



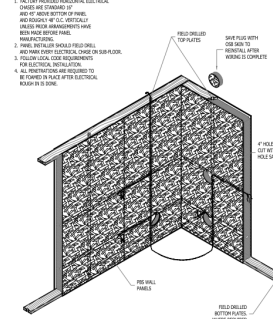
**PBS-011 WALL PANEL CORNER CONNECTION** 8-16-07  
PREMIER BUILDING SYSTEMS

Main Level Panel Wall Plan  
6 1/2" Panels 1/4" = 1'-0"

- Note: The final design is very similar to shown in these drawings except
- 1) The roof of the house and garage will be flat with 1-2% grade but designed for 38 lbs/ft load
  - 2) There will be a 2 car garage instead of the carport.
  - 3) The size of the house will be 1800 sqft approx, shown is 1500 sqft.



**PBS-103b PANEL / FOUNDATION CONNECTION** 8-16-07  
PREMIER BUILDING SYSTEMS



**PBS-206 STANDARD ELECTRICAL CHASES** 6-17-07  
PREMIER BUILDING SYSTEMS

- Note: The final design is very similar to shown in these drawings except
- 1) The roof of the house and garage will be flat with 1-2% grade but designed for 38 lbs/ft load
  - 2) There will be a 2 car garage instead of the carport.
  - 3) The size of the house will be 1800 sqft approx, shown is 1500 sqft.

REVISIONS:	
NO.	DATE

CUSTOMER APPROVAL:	
NAME	DATE

PROJECT INFORMATION:	
PROJECT NAME	ADDRESS

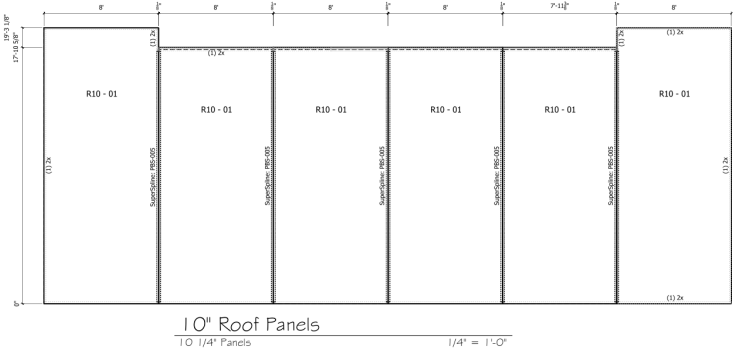
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PROJECT NAME	ADDRESS

DATE	BY

SCALE	DATE

SCALE	DATE

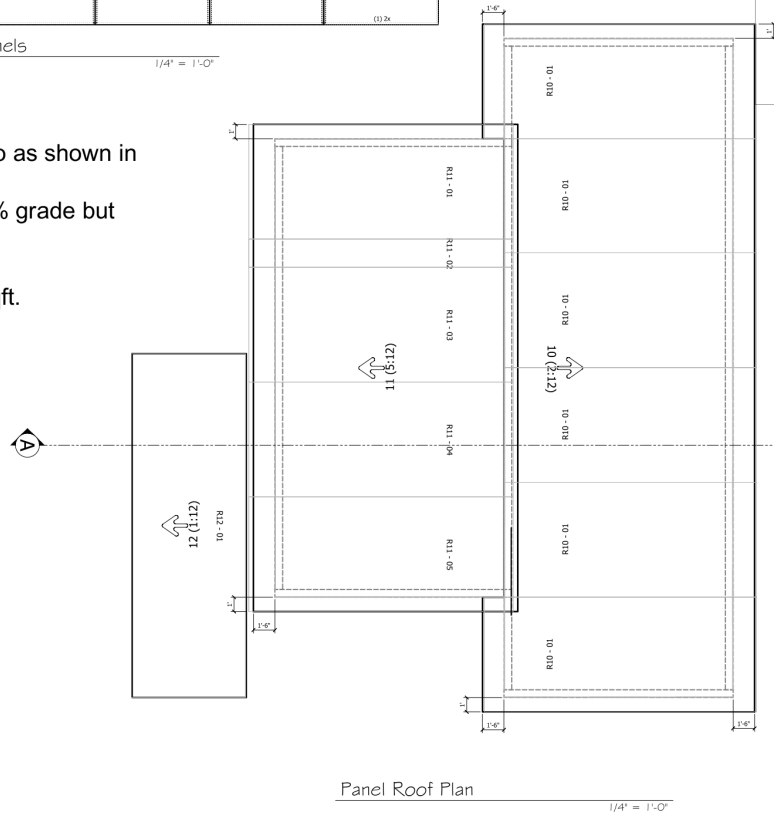
SCALE	DATE



10' Roof Panels  
TO 1/4" Panels

Roof (10)  
A.9.2.A

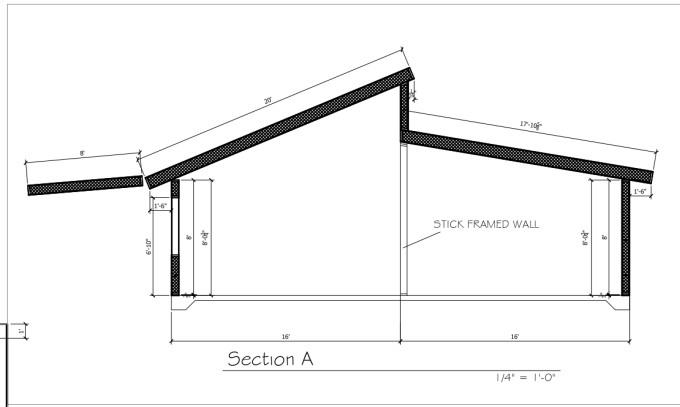
- NOTE:** The final design is very similar to as shown in these drawings except
- 1) The roof of the house is flat with 1-2% grade but designed for 38 lbs/ft snow load.
  - 2) 2 Car garage instead of the carport.
  - 3) The size of the house will be 1800 sqft.



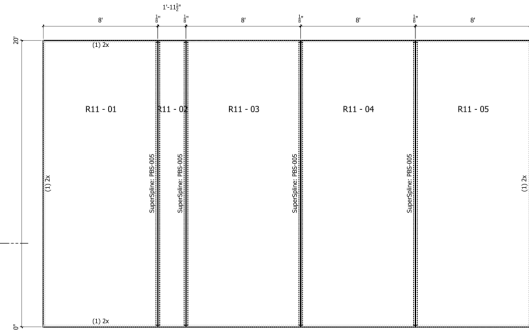
Panel Roof Plan  
1/4" = 1'-0"

Roof (11)  
A.9.2.A

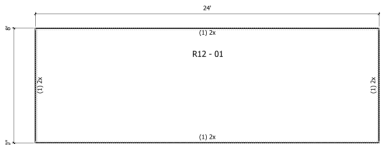
10' Roof Panels  
TO 1/4" Panels



Section A  
1/4" = 1'-0"



10' Roof Panels  
TO 1/4" Panels



8" Carport Roof  
TO 1/4" Panels

Roof (12)  
A.7.5.A

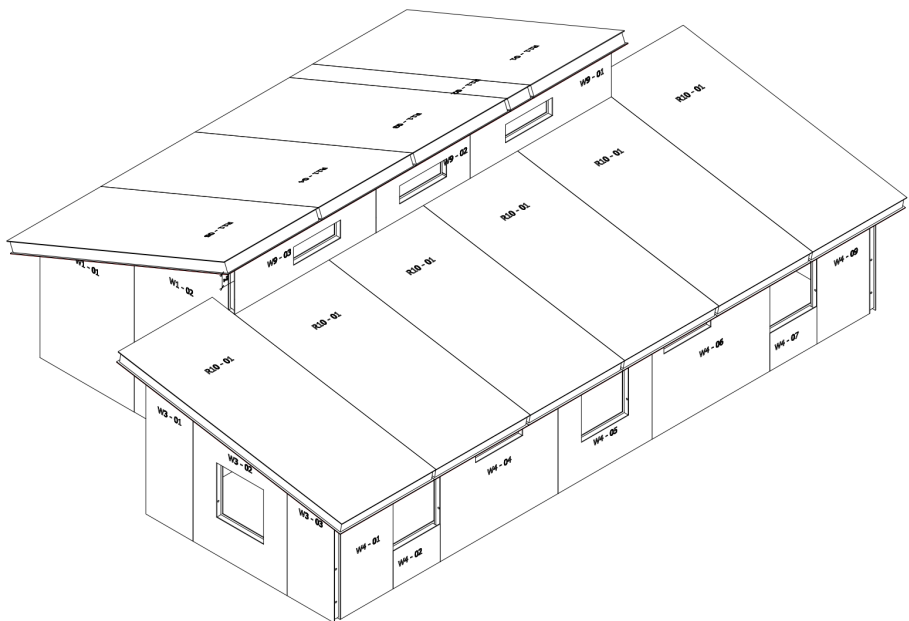
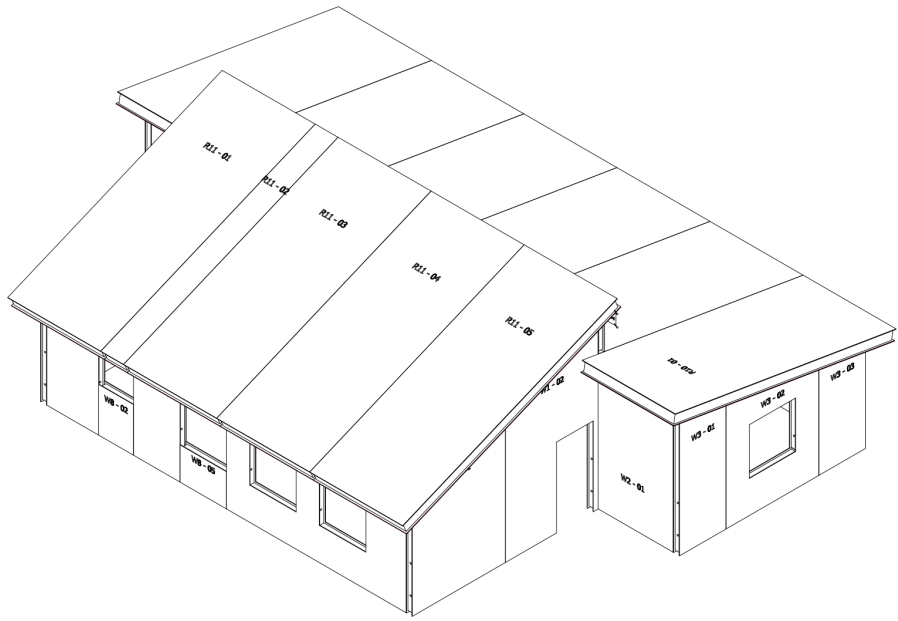
REVISIONS:				
#	DATE	BY	TYPE	DESCRIPTION

CUSTOMER APPROVAL:	
SIGNATURE	DATE

PROJECT INFORMATION:	
PROJECT NAME	ADDRESS

PROJECT INFORMATION:	
PROJECT NAME	ADDRESS
RIO HOUSING	Type Address

DRAWN:	JES
CHECKED:	
DATE:	3/18
SCALE:	VARIABLE
SHEET NO:	3 OF 5



Wall Panel Perspective  
 6 1/2" Panels and 10 1/4" Roof Panels

REVISIONS:

#	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			

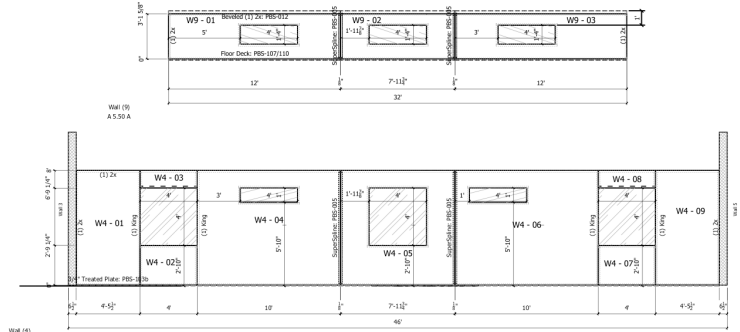
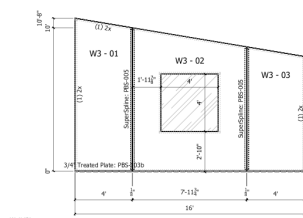
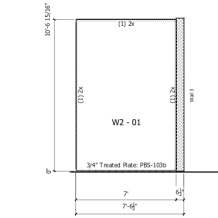
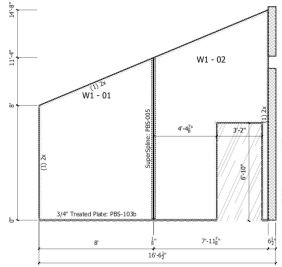
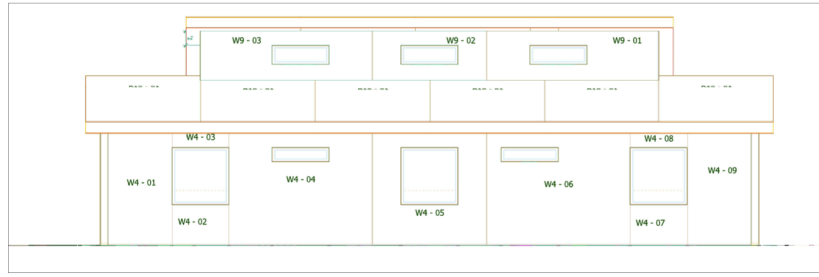
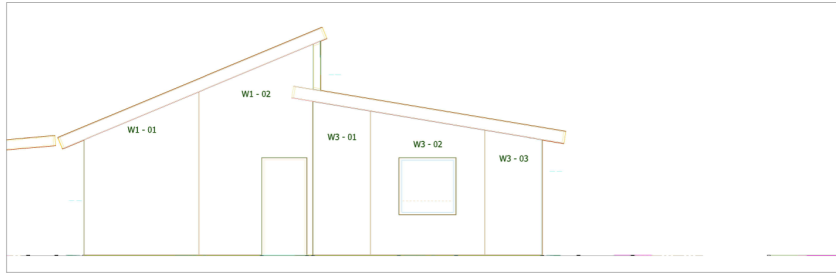
CUSTOMER APPROVAL:  
 I HAVE REVIEWED THIS ORDER FOR ACCURACY AND CONFIRMED THE INFORMATION IS CORRECT. I UNDERSTAND THAT THE CUSTOMER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. I ACCEPT FULL RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE CUSTOMER.

DATE: \_\_\_\_\_

PROJECT INFORMATION:  
 RIO HOUSING  
 Type  
 Address

DATE: \_\_\_\_\_

DATE:	3/21/18
CHECKED:	
SCALE:	VARIES
DRAWN:	JSS
NO.	4 OF 5

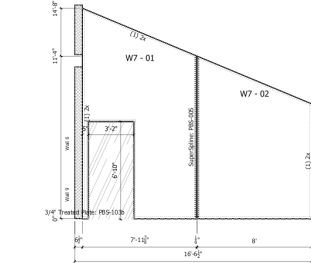
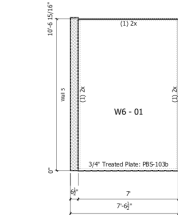
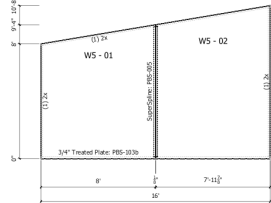
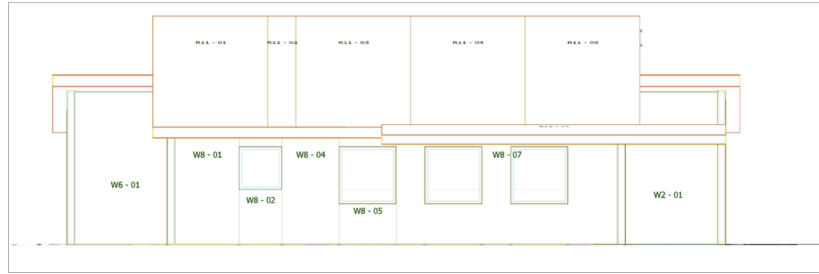


Wall (1)  
A.5.50.A

Wall (2)  
A.5.50.A

Wall (3)  
A.5.50.A

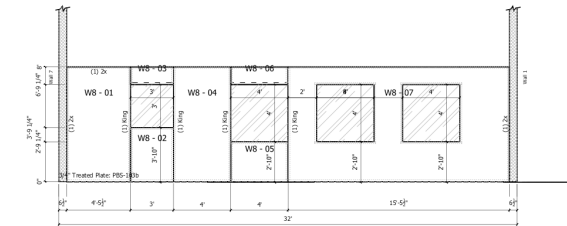
Wall (4)  
A.5.50.A



Wall (5)  
A.5.50.A

Wall (6)  
A.5.50.A

Wall (7)  
A.5.50.A



Wall (8)  
A.5.50.A

Panel Wall Layouts  
6 1/2" Panels  
1/4" = 1'-0"



19227 57th Ave  
Puyallup, Wa 98375  
800-275-7086  
270 Floss Flat, Suite A  
Belgrade, MT 59714  
406-388-5553

REVISIONS:	
#	DATE

CUSTOMER APPROVAL:	
DATE	NAME

CONTRACTOR'S RESPONSIBILITY FOR THIS DESIGN IS LIMITED TO THE DESIGN OF THE STRUCTURAL INSULATED PANELS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE REST OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE ARCHITECT.

**RIO HOUSING**  
Type  
Address

DATE:	3/21/18
CREATED:	3/21/18
SCALE:	VARIES
DRAWN:	JSS
CHECKED:	JSS
DRAWN BY:	JSS
CHECKED BY:	JSS
DRAWN:	JSS
CHECKED:	JSS
DRAWN BY:	JSS
CHECKED BY:	JSS
DRAWN:	JSS
CHECKED:	JSS
DRAWN BY:	JSS
CHECKED BY:	JSS