PREMIER STRUCTURAL INSULATED PANELS



MANUFACTURING/SALES

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SALES

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

ROUGH OR SMOOTH OSB DOES NOT DENOTE TOP OR BOTTOM OF SIP. REFER TO

4. 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

STANDARD DETAILS PROVIDED FOR TYPICAL INSTALLATION METHODS. REFERENCE

ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR JOB SPECIFIC CONNECTION

ALL ENGINEERING PROVIDED BY OTHERS.

PANEL LAYOUTS FOR PANEL ORIENTATION

ALL IN-PLANE, PANEL-TO-PANEL JOINTS PBS-005 U.N.O

SIP TAPE PROVIDED FOR ROOF CONNECTIONS ONLY.

HIGHLIGHTED IN RED IN THE SIP PANEL LAYOUTS.

CHASES IN SIP ROOF PANELS U.N.O.

DETAILS, WHICH TAKE PRECEDENT OVER PBS TYPICAL DETAILS.

BEAM POCKETS TO BE FIELD CUT FOR PROPER ELEVATION AND SIZE.

FACTORY INSTALLED LUMBER (IF REQUESTED BY CUSTOMER) WILL BE

9. STANDARD WALL ELECTRICAL CHASES INCLUDED BY DEFAULT. NO ELECTRICAL

10. ANY BEAMS OR WALLS SHOWN ARE FOR REFERENCE PURPOSES AND ARE NOT

MEANT FOR DIMENSIONING PURPOSES. REFER TO STRUCTURAL DRAWINGS.

NOTES:

WRONG ONE).

NOTES:

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
- 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
- 6. 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.
- 7. 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.
- 8. 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.
- 10. 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
- 11. 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.

WB4-01 WALL #4 2ND LEVEL - PANEL 1

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 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
- **ROOF PLAN & LAYOUTS**
- SECTIONS
- 4. PANEL LAYOUTS 5. PBS DETAILS



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#	DRAFTER	DATE	TYPE
1.	CAS	02-21-18	C-Rev
2.	CAS	03-29-18	Final
3.	CAS	03-29-18	Final E-Rev
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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.

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.

Carter Residence

LEGEND/ABBREVIATIONS

- ANCHOR BOLTS EXT. - EXTERIOR HEADER WINDOW IN PANEL WALL: · INSUL-BEAM PANEL WALL NUMBER: - INTERIOR ARROW INDICATES PANEL - HEADER HEIGHT: O.C. ON CENTER 2'-8"x6' ----- HEIGHT OF R.O. FROM PLAT. WALL LAYOUT VIEW DIRECTION TOP OF SUB-FLOOR R.O. - SIMILAR - WINDOW R.O. R1 (8:12) PANEL ROOF NUMBER: S.F.B.O (ROUGH OPENING): TRIMMER (X:12) INDICATES ROOF PITCH WIDTH x HEIGHT TYP. - TYPICAL ARROW POINTS DOWNSLOPE SIP CROSS SECTION PANEL NUMBERING: STICK FRAME BY OTHERS F1-03 FLOOR #1 - PANEL 3 FIELD CUT W3-12 WALL #3 - PANEL 12* R4-07 ROOF #4 - PANEL 7 STRAP / HOLD DOWN D=SPECIAL SKIN 2ND AND 3RD LEVEL WALLS MAY BE LABELED AS "B" OR "C" RESPECTIVELY:

SPECIAL ELECTRICAL CHASES

· PLATINUM (GPS FOAM) ROUGH OPENING- NOT UNIT SIZE - STICK FRAME BY OTHERS - UNLESS NOTED OTHERWISE - ZINC BORATE TREATED OSB - LONG POINT: TOP SKIN LONGER THAN BOTTOM SKIN - SHORT POINT: TOP SKIN SHORTER THAN BOTTOM SKIN PREMIER PANEL IDENTIFICATION A=7/16" OSB B=3/4" OSB C=5/8" OSB EXAMPLE- A 3.50 C **BOTTOM SKIN**

¹3 1/2" EPS

TOP SKIN

SIGN HERE **PLEASE**

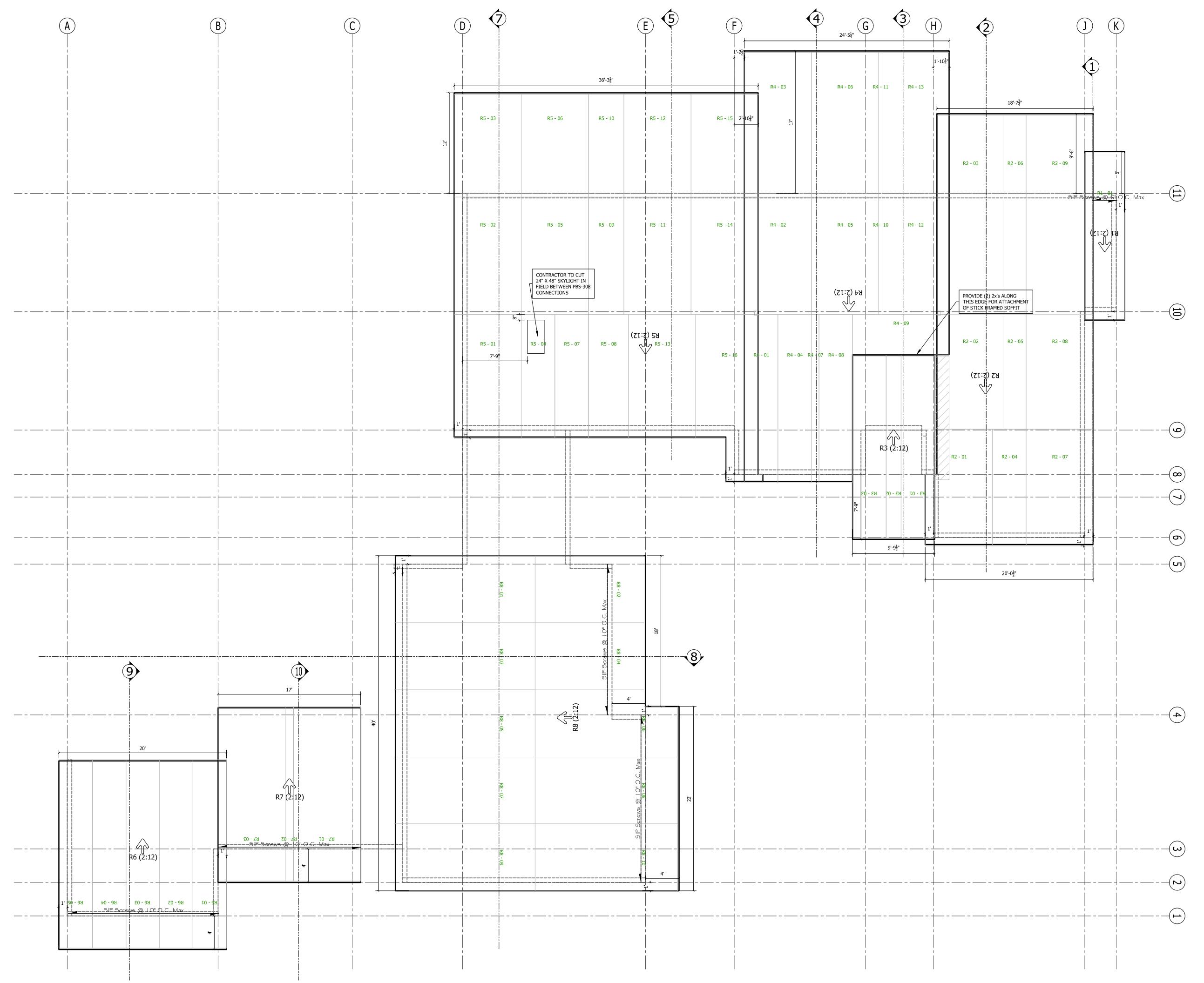
THIS PROJECT UTILIZES THE

PREMIER ROOF TYPE

FOLLOWING PANEL TYPES

A11.25A

CUSTOMER'S SIGNATURE	DATE
CUSTOMER'S REQUESTED DATE	OF DELIVERY
REVISE & RESUBMIT	
☐ APPROVED WITH REVISIONS	AS NOTED IN RED
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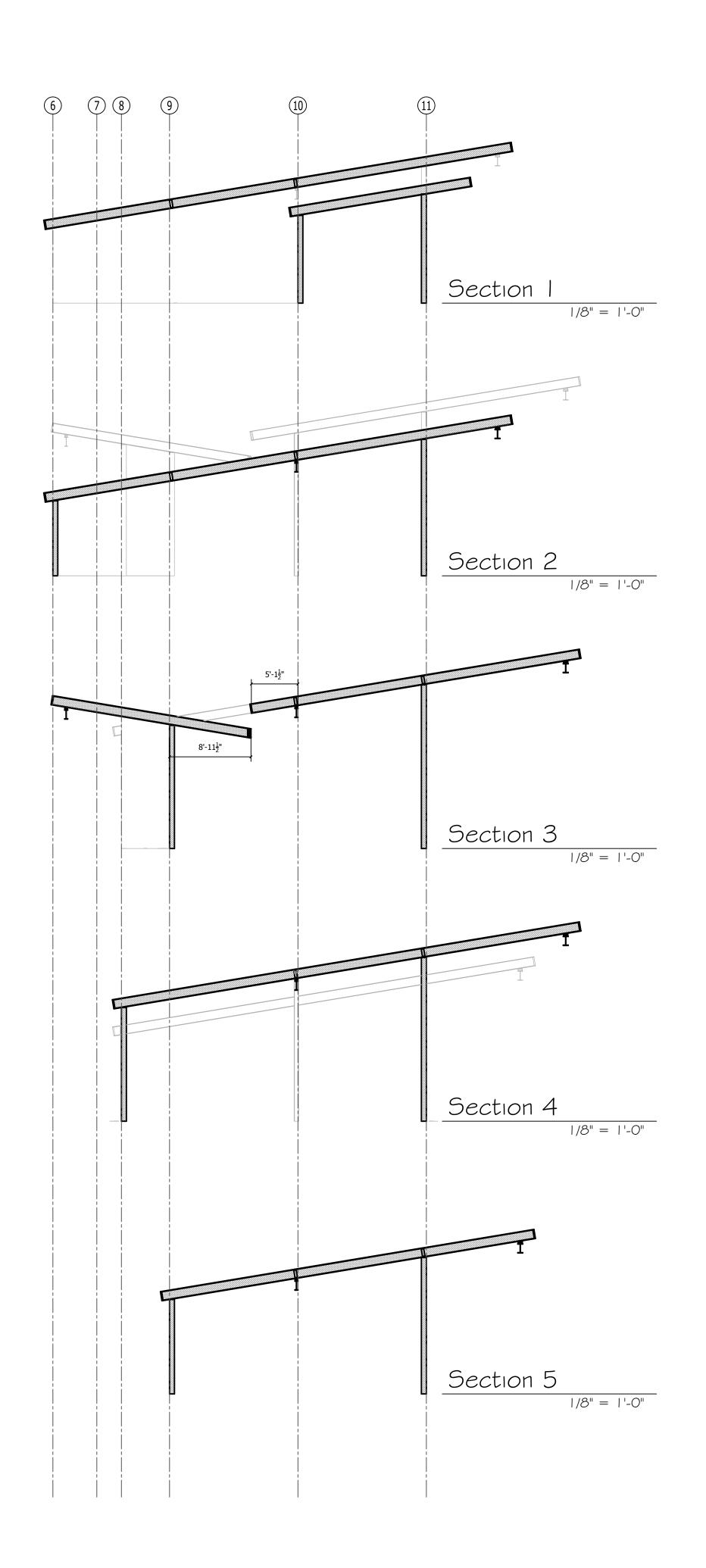
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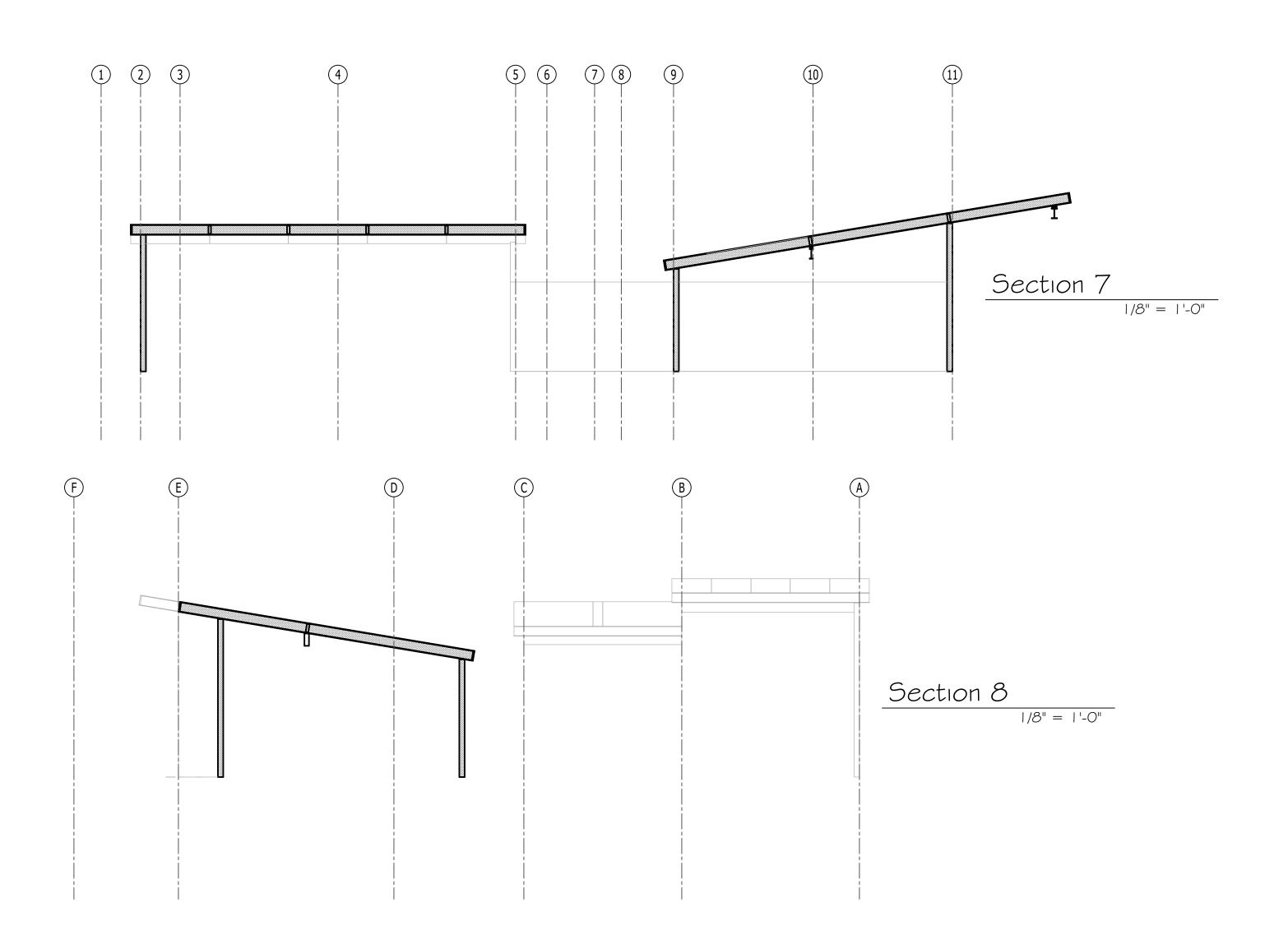
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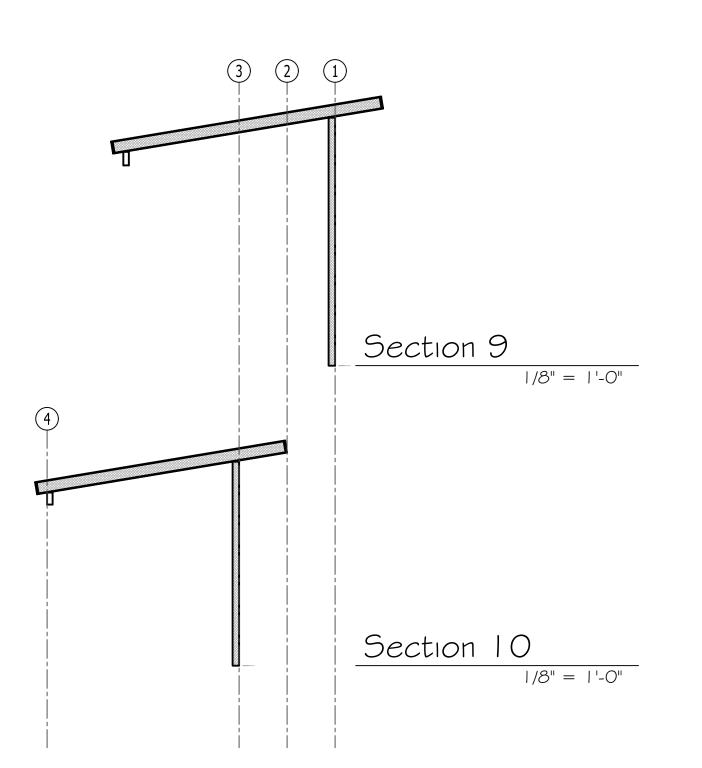
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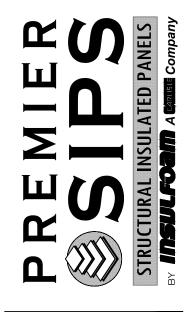
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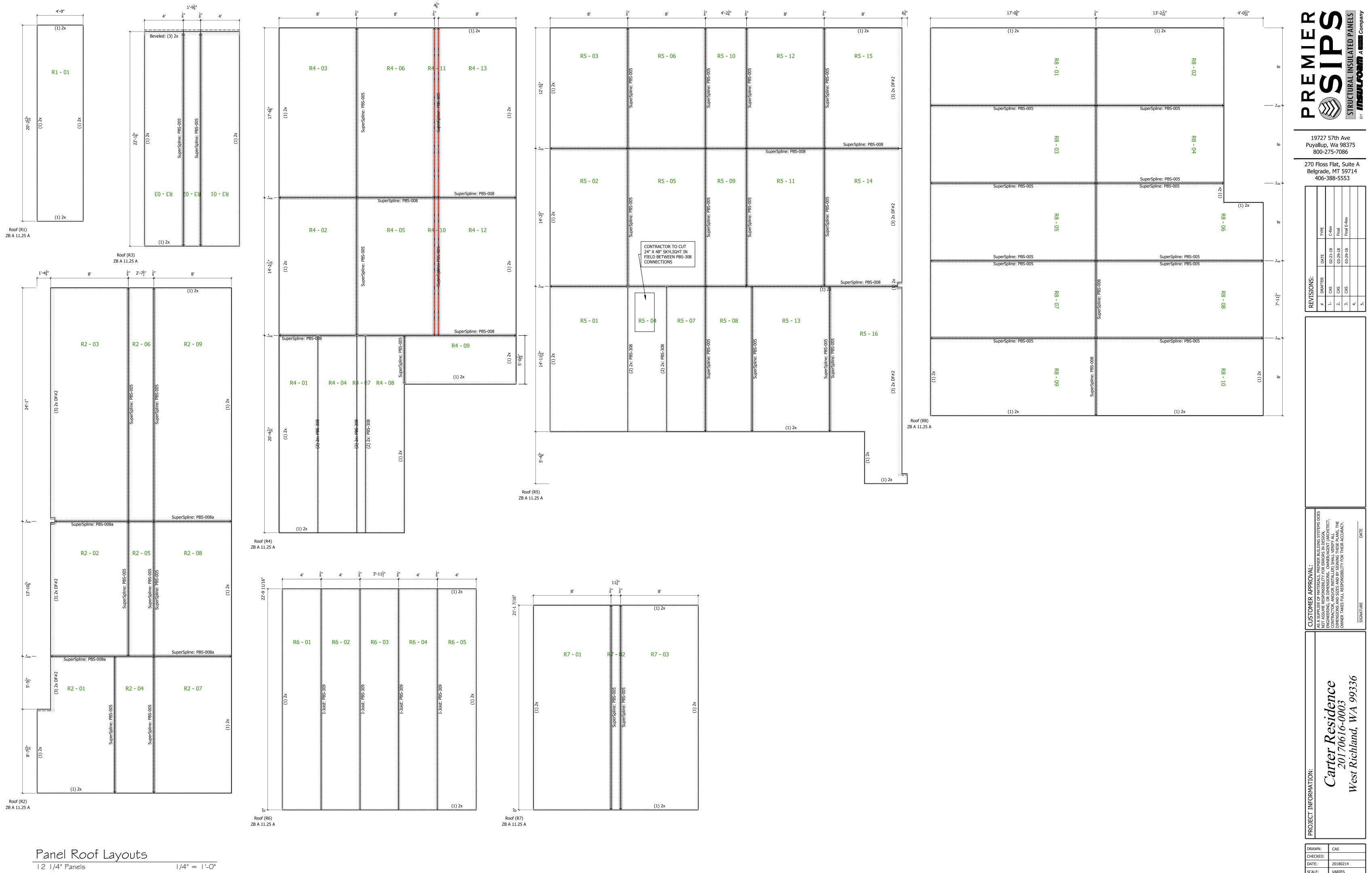
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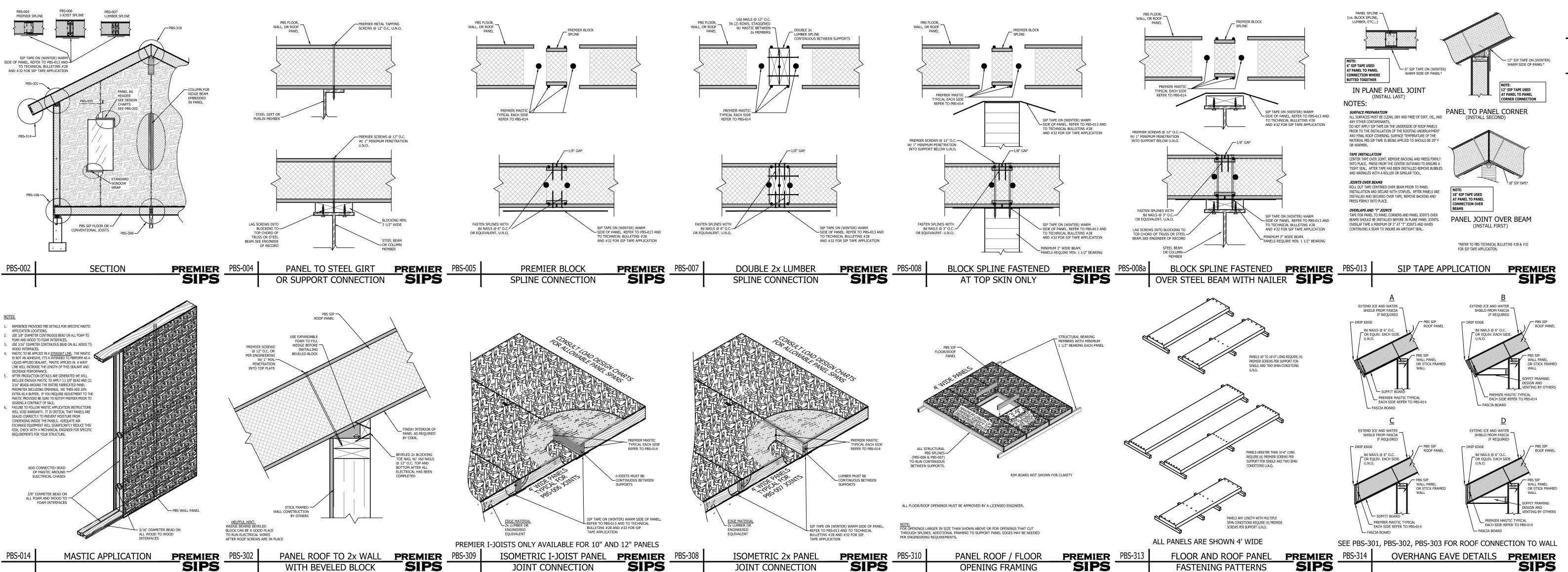
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OPENING FRAMING

FASTENING PATTERNS

GENERAL SIP PLAN NOTES

A. CONTRACTOR TO VERIFY ALL ON SITE DIMENSIONS PRIOR TO STARTING INSTALLATION OF SIP PANELS. NOTIFY MANUFACTURER IMMEDIATELY IF ACTUAL SITE DIMENSIONS VARY FROM THOSE SHOWN ON THESE DRAWINGS.

- B. ANY FIELD MODIFICATION OF THE PANELS SHALL BE IN ACCORDANCE WITH APPROVED PREMIER DETAILS AND GOOD CONSTRUCTION PRACTICES UNLESS OTHERWISE APPROVED BY THE PANEL ENGINEER AND THE ENGINEER OF RECORD FOR THE PROJECT
- C. IT IS CONTRACTOR'S SOLE RESPONSIBILITY TO PROPERLY SEAL ALL SIP PANELS AT ALL POTENTIAL LEAK POINTS FOR AIR TO ENTER THE SIP ROOF PANELS FROM THE INTERIOR SPACE & PREVENT ROOF LEAKS.
- D. IT IS CONTRACTOR'S SOLE RESPONSIBILITY TO ENSURE PANELS REMAIN DRY DURING THE COURSE OF ERECTION. IF PANELS DO GET WET, CONTRACTOR SHALL BE RESPONSIBLE TO THOROUGHLY DRY PANELS, INCLUDING JOINTS.

JOINT CONNECTION

- E. BUILDING DESIGNER OR ENGINEER OF RECORD SHALL REVIEW THESE DRAWINGS TO ENSURE THE PANEL ENGINEERING MEETS ALL REQUIRED DESIGN CRITERIA. ROOF PANELS DESIGNED FOR 20 PSF DEAD LOAD, 25 PSF ROOF SNOW LOAD (PER EOR).
- F. ATTACH ALL ROOF PANELS W/8d NAILS @ 6" O.C. TOP & BOTTOM. WHERE PANEL JOINTS OCCUR OVER SUPPORTING FRAMING, ATTACH W/8d NAILS @ 3" O.C. TOP SIDE ONLY, UNLESS NOTED OTHERWISE. CONTRACTOR TO ENSURE NO SPLITTING OF EMBEDDED LUMBER OCCURS.
- G. ATTACH ALL ROOF PANELS TO SUPPORTS W/ SIP SCREWS @ 12" O.C., UNLESS NOTED OTHERWISE. ALL SCREWS SHALL HAVE 1" MIN THREAD EMBEDMENT INTO LUMBER (NOT INCLUDING DRILL POINT). STAGGER SCREWS AS REQ'D TO ENSURE NO SPLITTING OF SUPPORTING FRAMING OCCURS.
- H. CONTRACTOR SHALL ENSURE ALL GAPS ARE COMPLETELY AND TOTALLY FILLED WITH MASTIC OR EXPANDING SPRAY FOAM, INCLUDING BUT NOT LIMITED TO ALL PANEL JOINTS, PENETRATIONS, LIFTING HOLES, ETC.
- J. INSTALL SIP TAPE PER MANUFACTURER'S PUBLISHED RECOMMENDATIONS AT ALL JOINTS
- K. SEE EOR FRAMING PLANS & DETAILS FOR ALL SUPPORTING FRAMING ELEMENTS AND ALL SHEAR TRANSFER CONNECTIONS.

WITH BEVELED BLOCK

- L. ALL SIP SCREWS SHALL BE INSTALLED PERPENDICULAR TO SIP ROOF PANELS (NOT PLUMB) W/ HEAD OF SCREW PARALLEL TO TOP OF PANEL. DO NOT OVERDRIVE SCREW HEADS INTO SIP SKIN
- M. ALL EMBEDDED LUMBER SHALL BE FULL LENGTH WITHIN THE PANEL.

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