

PREMIER SIPS

STRUCTURAL INSULATED PANELS

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

7-ELEVEN #1042626

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.

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.

ENGINEERING DATA

WIND SPEED: 7/5 MPH	EXP. C.	SEISMIC: D
FLOOR LOAD: XX PSF	ROOF LOAD: XX PSF	LIVE LOAD: XX PSF
DEAD LOAD: XX PSF	TOTAL LOAD: XX PSF	

LIST OF DRAWINGS

- TITLE SHEET, PROJECT INFO
- FLOOR PLAN & SECTION
- ROOF PLAN & SECTION
- FRAMING
- WALL PANEL LAYOUTS
- ROOF PANEL LAYOUTS & PERSPECTIVE
- PBS DETAILS

PROJECT NAME

CORSTONE CONTRACTORS
7-ELEVEN #1042626
20180710-0005

CONTACT INFORMATION

MARK TAPERT
CORSTONE CONTRACTORS
1910BICKFORD AVE, STE A
SNOHOMISH, WA 98290

SITE ADDRESS

PRAIRE CREEK VILLAGE
LOT 4
ARLINGTON, WA

360.862.8316

DRAWN BY:	ROD K	JULY 30, 2018
CHECKED BY:		

REVISIONS:

#	DRAFTER	DATE	TYPE
1.	MLK	8-31-18	C-REV
2.	MLK	9-13-18	E-REV
3.	MLK	9-18-18	FINAL
4.	MLK	9-26-18	FINAL-REVISED
5.	MLK	9-28-18	FINAL-REVISED

NOTES:

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

PANEL WALL NUMBER:
ARROW INDICATES PANEL WALL LAYOUT VIEW DIRECTION

PANEL ROOF NUMBER:
(X:12) INDICATES ROOF PITCH
ARROW POINTS DOWNSLOPE

PANEL NUMBERING:
F1-03 FLOOR #1 - PANEL 3
W3-12 WALL #3 - PANEL 12*
R4-07 ROOF #4 - PANEL 7

*NOTE:
2ND AND 3RD LEVEL WALLS MAY BE LABELED AS "B" OR "C" RESPECTIVELY:
WB4-01 WALL #4 2ND LEVEL - PANEL 1

WINDOW IN PANEL WALL:

6'-10" 2'-8"x6"

HEADER HEIGHT: HEIGHT OF R.O. FROM TOP OF SUB-FLOOR

WINDOW R.O. (ROUGH OPENING): WIDTH x HEIGHT

LEGEND:

- SIP CROSS SECTION
- STICK FRAME BY OTHERS
- FIELD CUT
- STRAP / HOLD DOWN
- SPECIAL ELECTRICAL CHASES

ABBREVIATIONS:

- A.B. - ANCHOR BOLTS
- EXT. - EXTERIOR
- H - HEADER
- I.B. - INSUL-BEAM
- INT. - INTERIOR
- O.C. - ON CENTER
- PLAT. - PLATINUM (GPS FOAM)
- R.O. - ROUGH OPENING- NOT UNIT SIZE
- SIM. - SIMILAR
- S.F.B.O - STICK FRAME BY OTHERS
- TRIM. - TRIMMER
- TYP. - TYPICAL
- U.N.O. - UNLESS NOTED OTHERWISE
- ZB - ZINC BORATE TREATED OSB
- LP. - LONG POINT: TOP SKIN LONGER THAN BOTTOM SKIN
- SP. - SHORT POINT: TOP SKIN SHORTER THAN BOTTOM SKIN

PREMIER PANEL IDENTIFICATION
A=7/16" OSB B=3/4" OSB C=5/8" OSB
D=SPECIAL SKIN
EXAMPLE: A 3.50 C 5/8" OSB
7/16" OSB TOP SKIN 3 1/2" EPS

THIS PROJECT UTILIZES THE FOLLOWING PANEL TYPES

PREMIER WALL TYPE
A5.50A
R-VALUE = 25

PREMIER ROOF TYPE
C9.25C
R-VALUE = 42.5

SIGN HERE PLEASE

CUSTOMER'S SIGNATURE

DATE

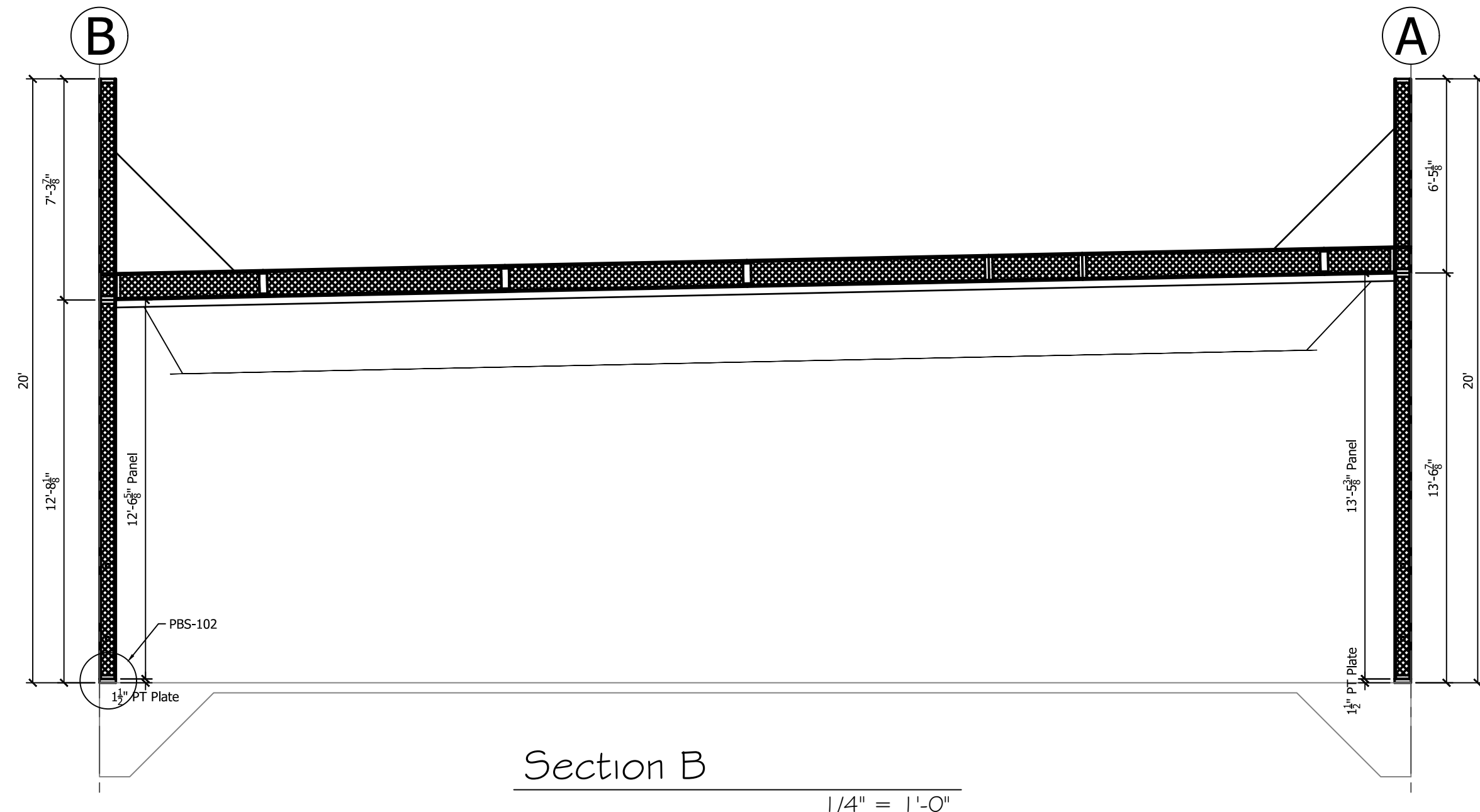
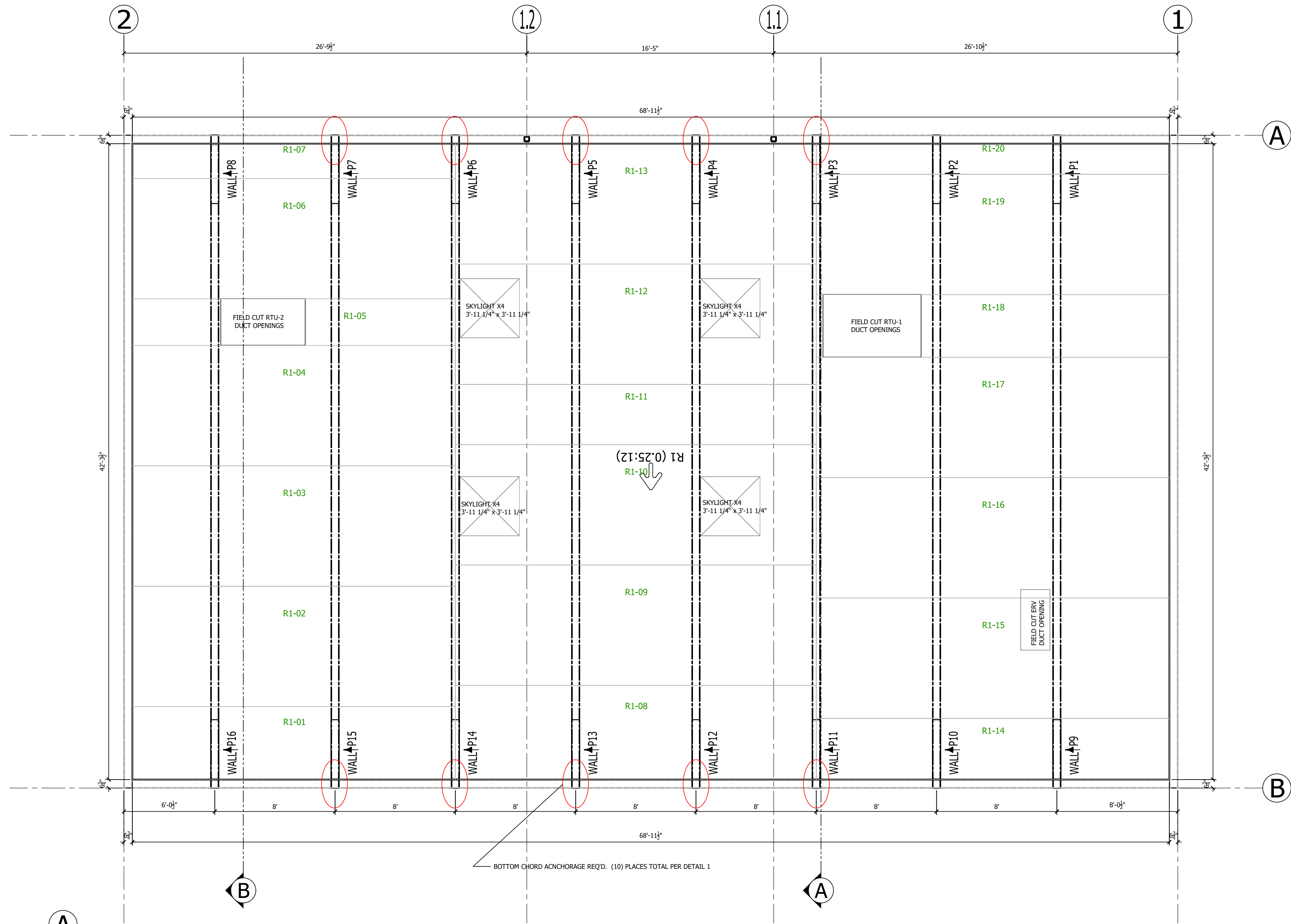
CUSTOMER'S REQUESTED DATE OF DELIVERY

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

- NOTES:**
1. ALL OVERHANG DIMENSIONS ARE TO TOP SKIN OF SIP ROOF PANEL. U.N.O.
 2. A 1/4" GAP BETWEEN SIP ROOF PANEL AND PARAPET WALL TO ALLOW EASE OF CONSTRUCTION. SPRAY FOAM GAP AROUND PERIMETER AFTER ROOF INSTALLATION.
 3. ROUGH OR SMOOTH OSB 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. STANDARD DETAILS PROVIDED FOR TYPICAL INSTALLATION METHODS. REFERENCE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR JOB SPECIFIC CONNECTION DETAILS, WHICH TAKE PRECEDENT OVER PBS TYPICAL DETAILS.
 7. FACTORY INSTALLED LUMBER (IF REQUESTED BY CUSTOMER) WILL BE HIGHLIGHTED IN RED IN THE SIP PANEL LAYOUTS.
 8. STANDARD WALL ELECTRICAL CHASES INCLUDED BY DEFAULT. NO ELECTRICAL CHASES IN SIP ROOF PANELS U.N.O.

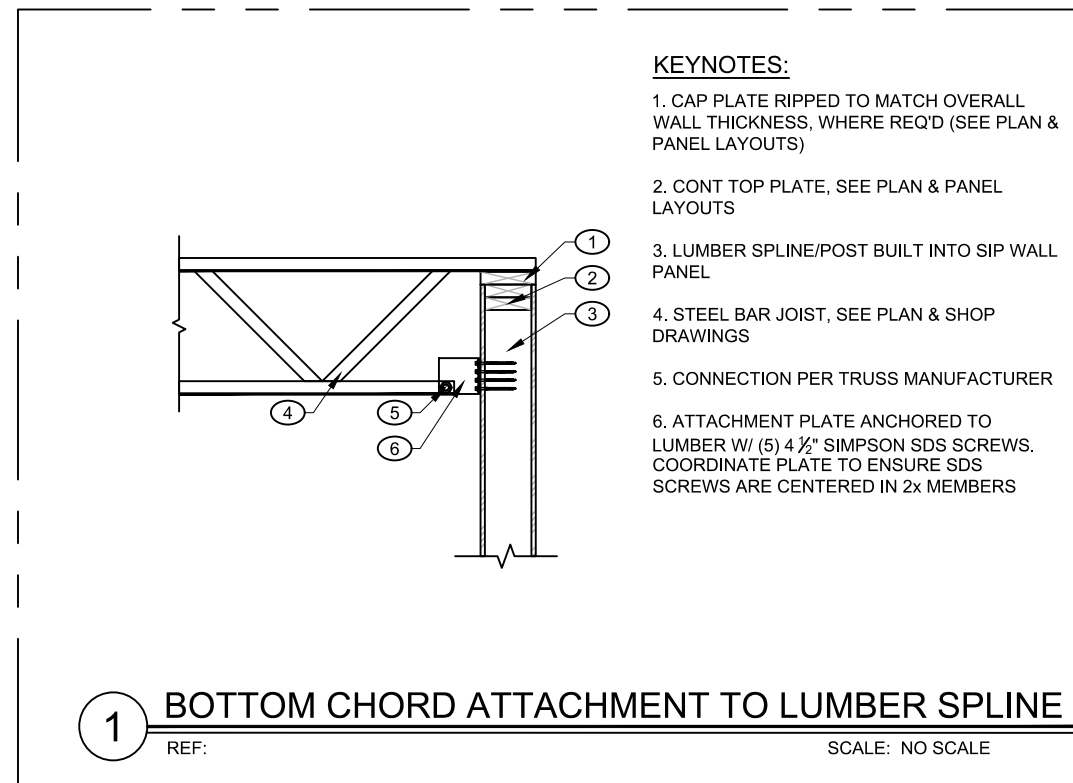
GENERAL SIP PLAN NOTES

- 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.
- 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
- 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.
- 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.
- ENGINEER OF RECORD SHALL REVIEW THESE DRAWINGS TO ENSURE THE PANEL ENGINEERING MEETS ALL REQUIRED DESIGN CRITERIA. LOADING LISTED ON COVER SHEET.
- ATTACH ALL WALL PANELS PER SHEAR WALL SCHEDULE MARK 'A', U.N.O.
- SEE EOR FRAMING PLANS & DETAILS FOR ALL SUPPORTING FRAMING ELEMENTS AND ALL SHEAR TRANSFER CONNECTIONS.
- INSTALL SIP TAPE PER MANUFACTURER'S PUBLISHED RECOMMENDATIONS AT ALL JOINTS
- ALL EMBEDDED LUMBER SHALL BE FULL LENGTH WITHIN THE PANEL.
- ATTACH ALL ROOF PANELS W/ 8d NAILS @ 6" O.C. TOP & BOTTOM AT ALL JOINTS.
- ATTACH ROOF PANELS W/ SIP SCREWS @ 12" O.C. MAX AT ALL SUPPORTS, UNLESS NOTED OTHERWISE



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

ROOF PLAN
10 5/8" Panels (C 9.25 C) 1/4" = 1'-0"



REVISIONS:

#	DATE	TYPE
1.	5-12-18	CRBY
2.	7-12-18	ER-REV
3.	9-18-18	FINAL
4.	9-26-18	FINAL-REVISED
5.		FINAL-REVISED

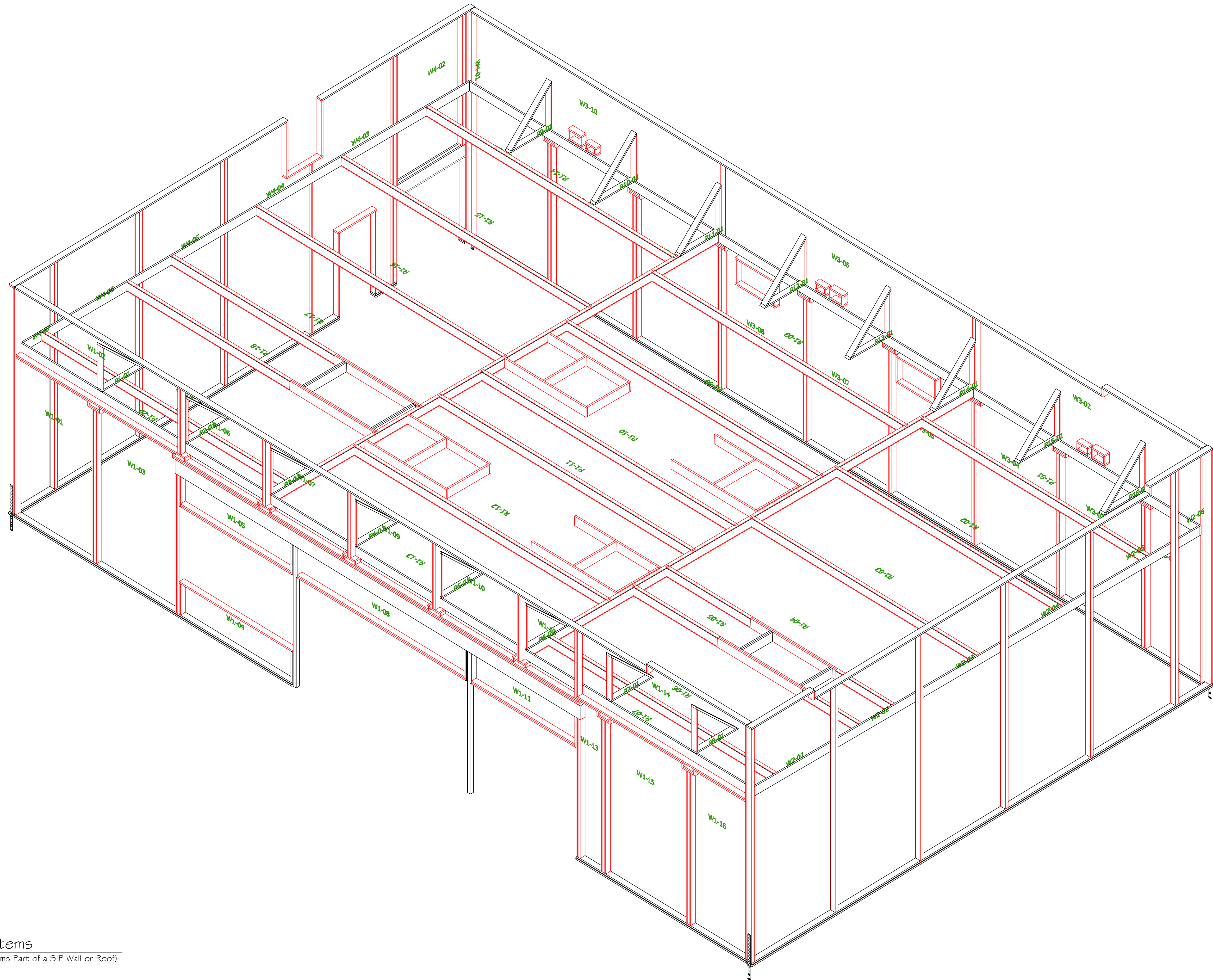
ROOF PLAN SECTION B

CUSTOMER APPROVAL:
AS A SUPPLIER OF MATERIALS, PREMIER BUILDING SYSTEMS DOES NOT WARRANT THE FITNESS OF ANY MATERIALS FOR ANY PARTICULAR USE OR APPLICATION. THE CONTRACTOR AND/OR INSTALLER SHALL VERIFY ALL DIMENSIONS, CONDITIONS, AND REQUIREMENTS OF THE PROJECT. THE OWNER TAKES FULL RESPONSIBILITY FOR THEIR ACCURACY.

SIGNATURE _____ DATE _____

PROJECT INFORMATION:
7-ELEVEN #1042626
20180710-0005
ARLINGTON, WASHINGTON

DRAWN:	RK
CHECKED:	
DATE:	07-30-2018
SCALE:	VARIES
SHEET NO.	3 OF 7



SIP Framing Items
(Items Part of a SIP Wall or Roof)

REVISIONS:

#	DATE	TYPE
1.	5-31-18	CAD/REV
2.	5-12-18	E-REV
3.	5-18-18	FINAL
4.	5-26-18	PKC
5.	5-28-18	FINAL-REVISED

SIP FRAMING ITEMS

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SIGNATURE: _____

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20180710-0005
ARLINGTON, WASHINGTON

DRAWN:	RK
CHECKED:	
DATE:	07-30-2018
SCALE:	VARIES
SHEET NO.	4 OF 7

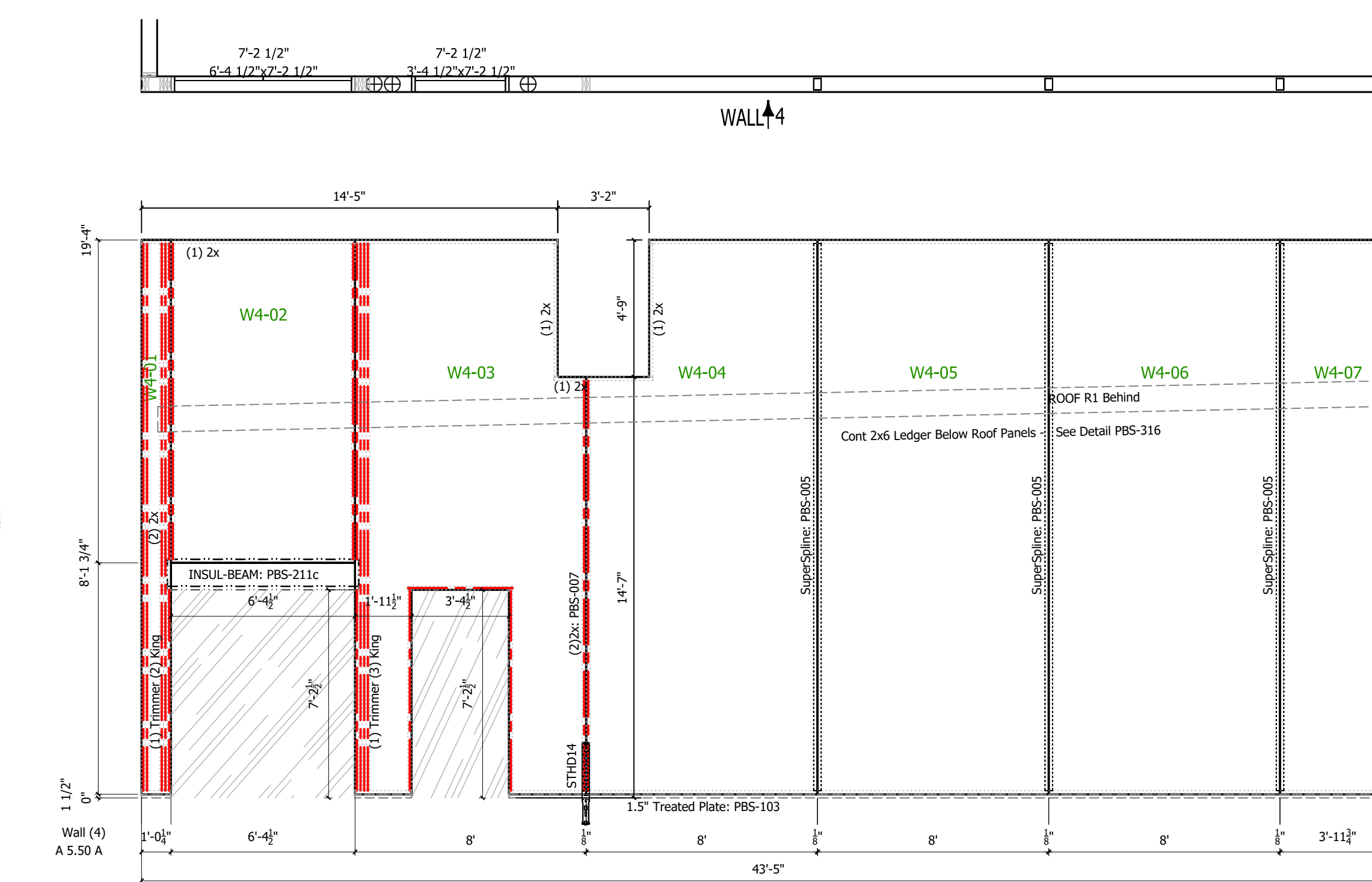
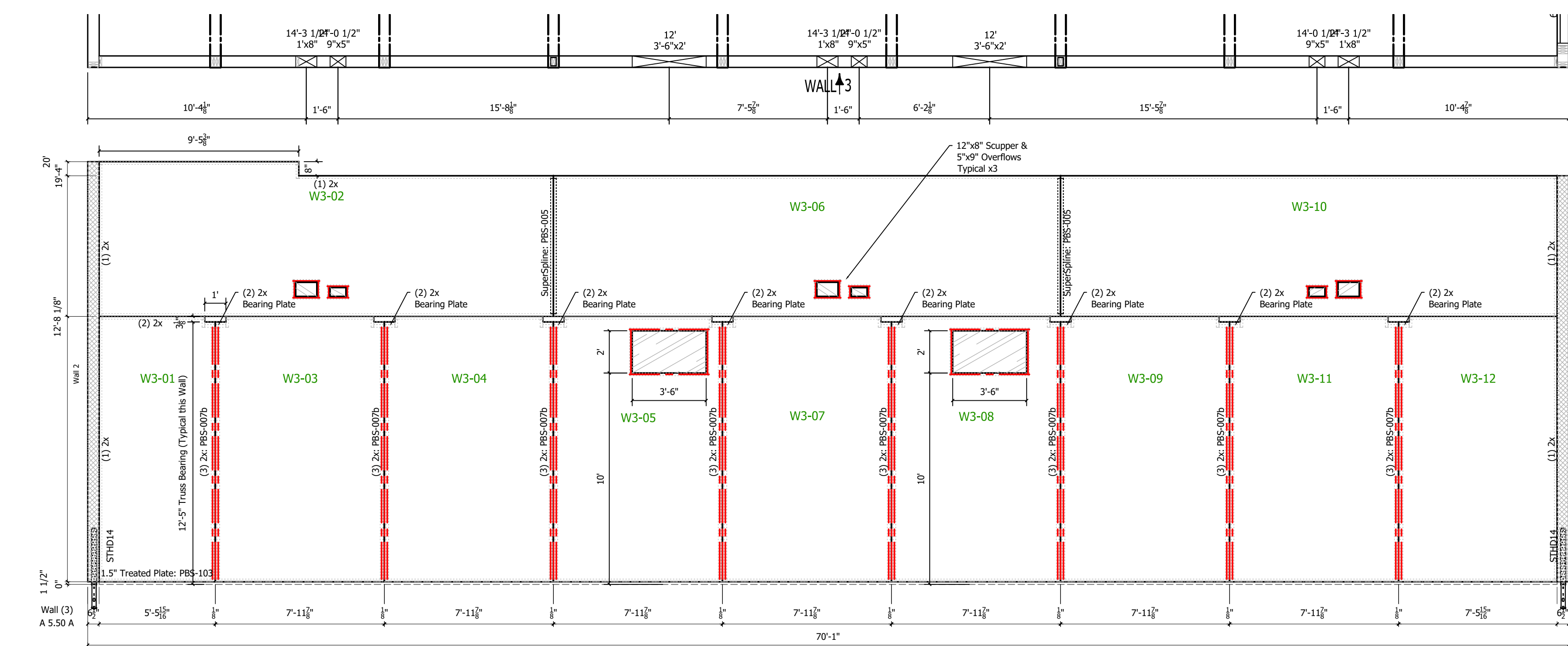
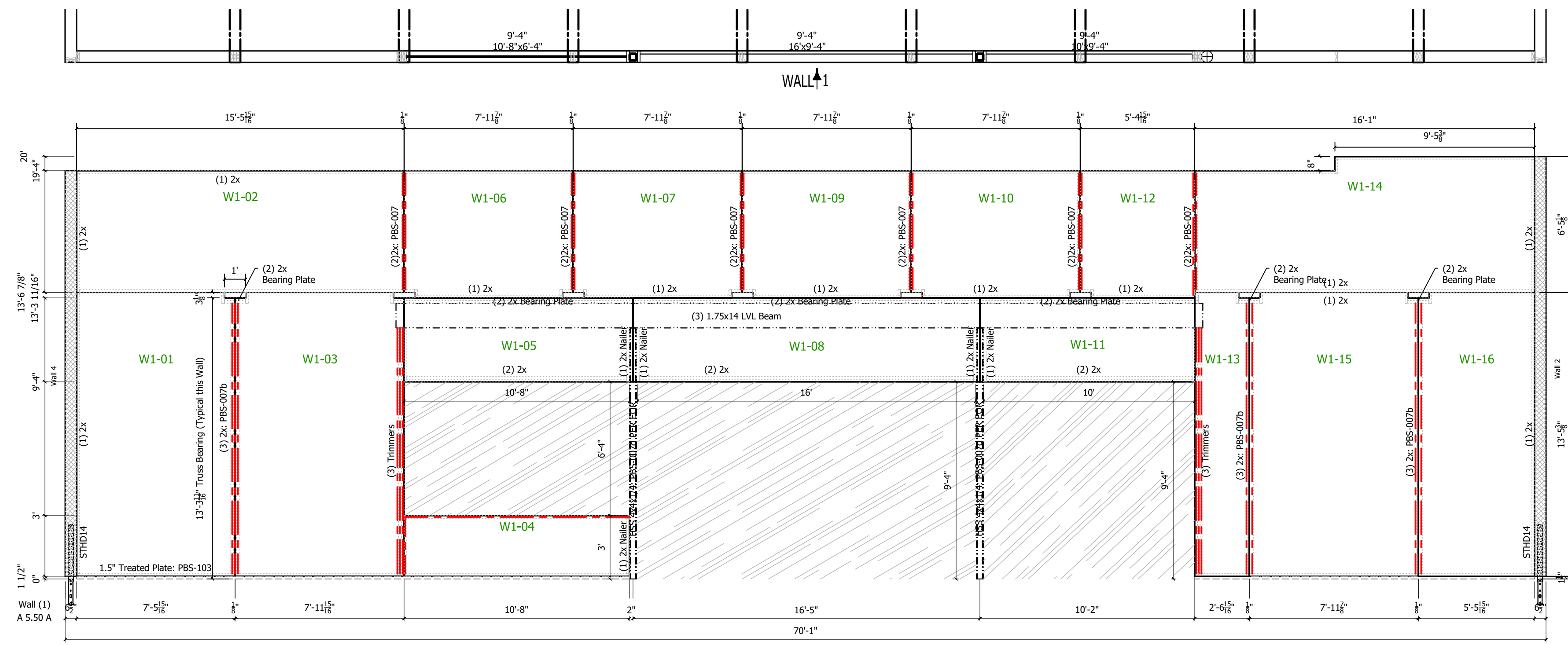
REVISIONS:		#	DATE	TYPE
1.	RK	5/31/18		CRV
2.	RK	9/12/18		ERV
3.	RK	9/18/18		FINAL
4.	RK	9/26/18		FINAL-REVISED
5.	RK	9/28/18		FINAL-REVISED

WALL PANEL LAYOUTS

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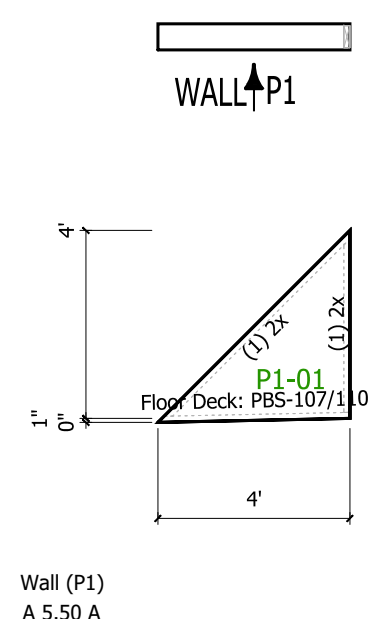
PROJECT INFORMATION:
7-ELEVEN #1042626
20180710-0005
ARLINGTON, WASHINGTON

DRAWN:	RK
CHECKED:	
DATE:	07-30-2018
SCALE:	VARIES
SHEET NO.	5 OF 7

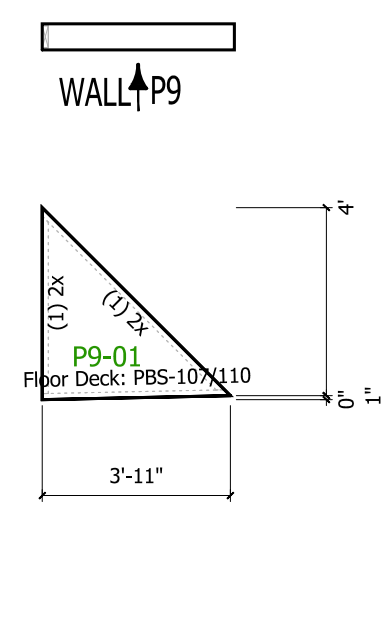


WALL PANEL LAYOUTS

6 1/2" Panels 1/4" = 1'-0"



Wall P2-P8 are the same as Wall P1



Wall P10-P16 are the same as Wall P9

Parapet Brace Walls

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