

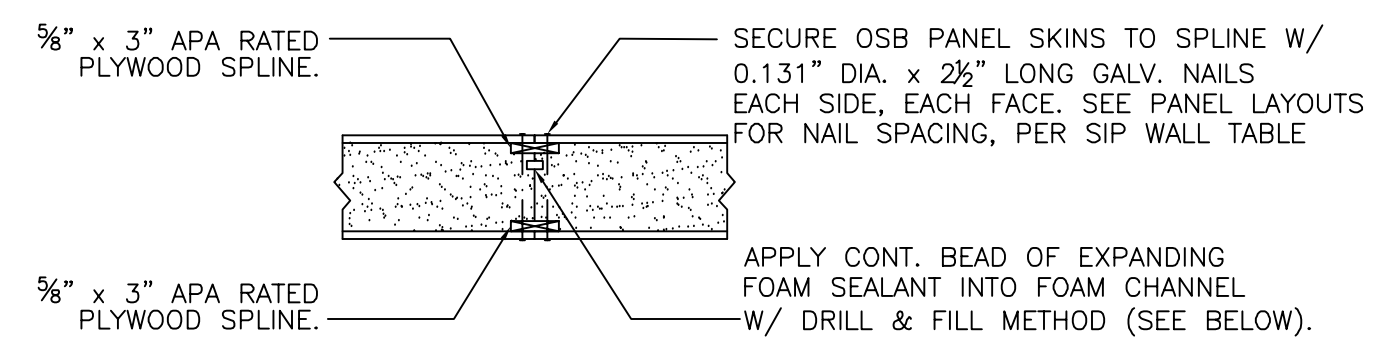
**Foard**  
**PANEL**  
 Incorporated  
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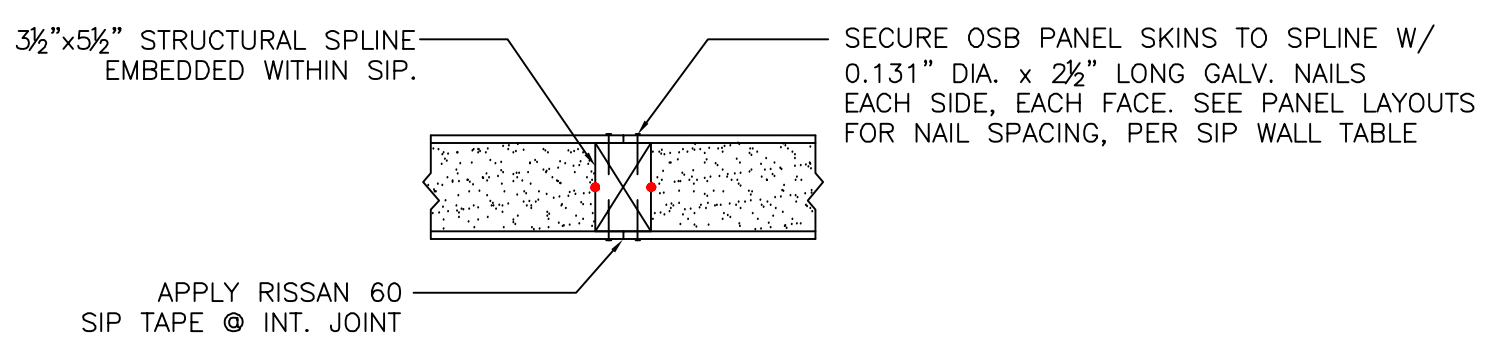
TITLE: CLEMENTS-KING  
 LOCATION: 48 MERRILL ST. PORTLAND ME  
 DRAWING TITLE: PANEL LAYOUT DRAWINGS  
 DRAWN BY: AEM  
 JOB CONTACT: KEVIN @ FOARD PANEL  
 CHECKED BY: JANUARY 17th, 2018

DRAWING NO. S-22  
 SHEET NO. 22 OF 25



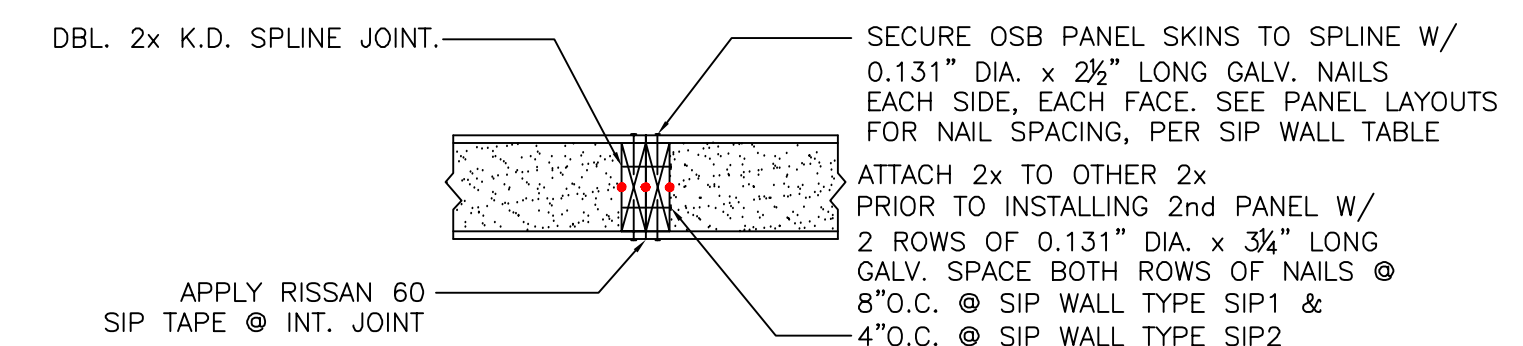
**DRILL AND FILL METHOD:**  
 FROM EXTERIOR DRILL 3/8" DIA. HOLES IN PANEL CONNECTION @ 10" O.C. FOR WALL PANELS & @ 6" O.C. FOR ROOF PANELS ALONG ENTIRE LENGTH OF JOINT. INJECT FOAM INTO CAVITY FOR APPR. 5 SECONDS. FOAM MUST BE ALLOWED TO CURE FOR AT LEAST 24 HOURS BEFORE HARDENED FOAM BALLS ARE REMOVED FROM THE EXTERIOR. INJECT FOAM AS CLOSE AS POSSIBLE TO INTERIOR SKIN OF PANEL.

DBL. 3" WIDE PANEL SPLINE CONNECTION  
 SCALE: 1" = 1'-0"



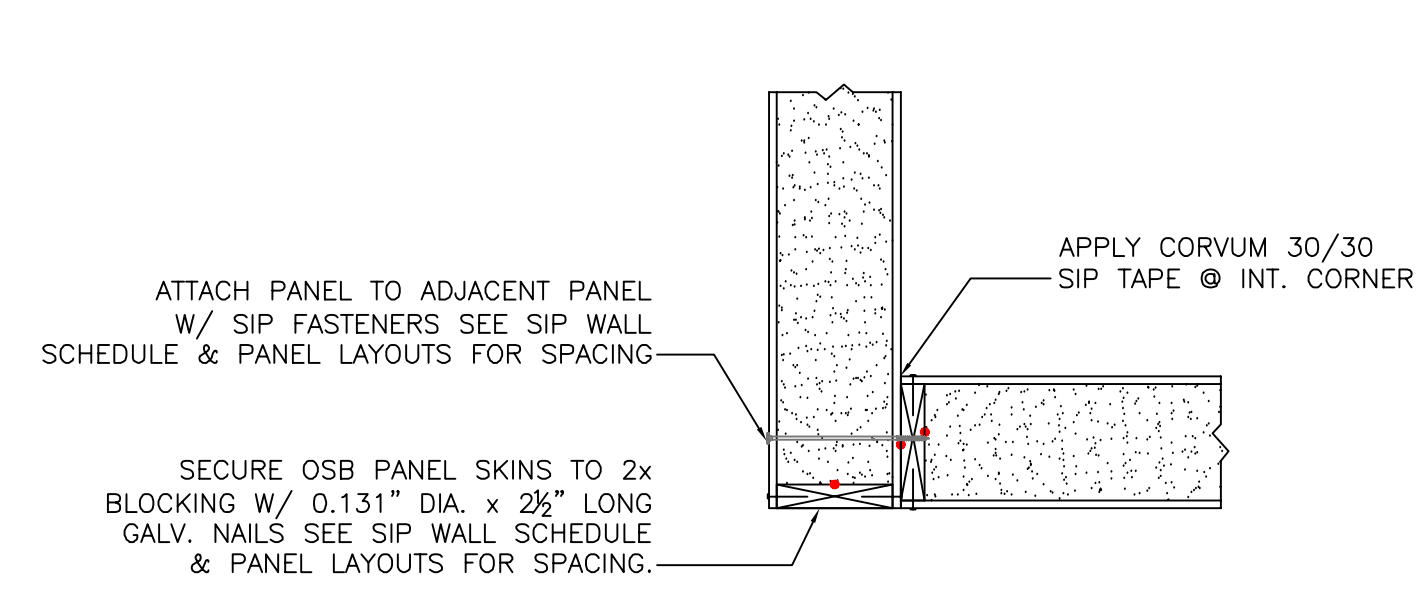
NOTE: ALL RED DOTS - APPLY CONTINUOUS 3/8" DIA. BEAD OF MASTIC SEALANT BETWEEN 2x MEMBER & PANEL FOAM.

3.5"x7.25" SCL SPLINE CONNECTION DETAIL  
 SCALE: 1" = 1'-0"



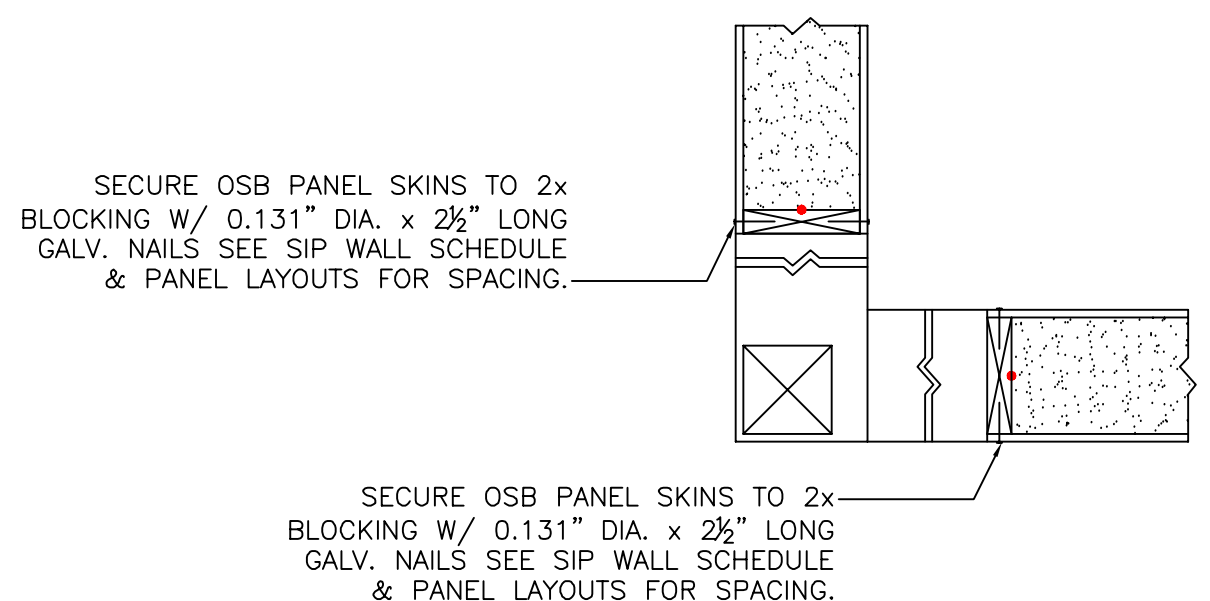
NOTE: ALL RED DOTS - APPLY CONTINUOUS 3/8" DIA. BEAD OF MASTIC SEALANT BETWEEN 2x MEMBER & PANEL FOAM.

DOUBLE 2x PANEL SPLINE CONNECTION DETAIL  
 SCALE: 1" = 1'-0"



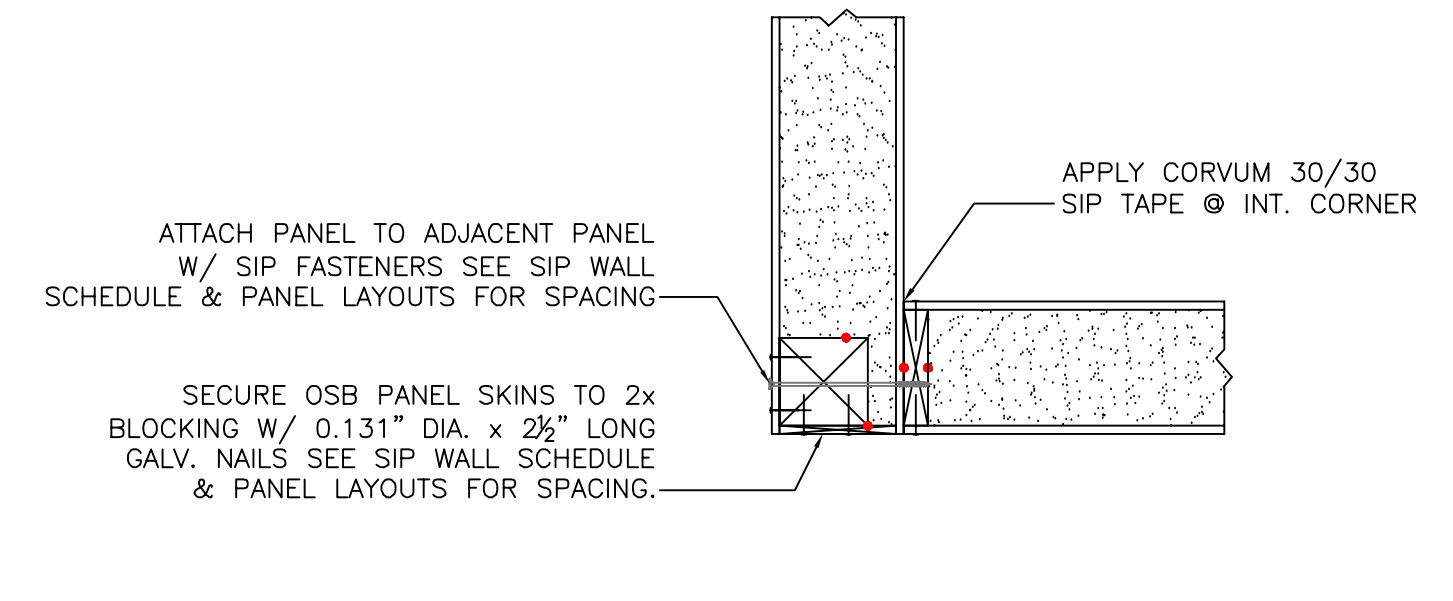
NOTE: ALL RED DOTS - APPLY CONTINUOUS 3/8" DIA. BEAD OF MASTIC SEALANT BETWEEN 2x MEMBER & PANEL FOAM.

STRUCTURAL CORNER CONNECTION DETAIL  
 SCALE: 1" = 1'-0"



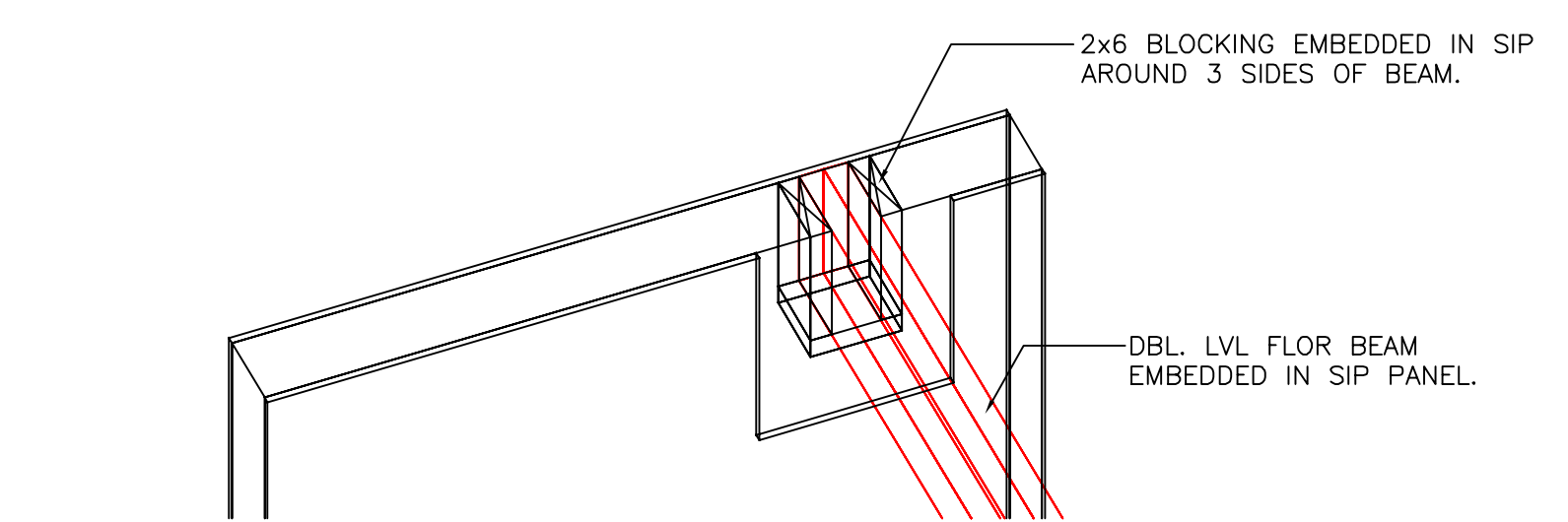
NOTE: ALL RED DOTS - APPLY CONTINUOUS 3/8" DIA. BEAD OF MASTIC SEALANT BETWEEN 2x MEMBER & PANEL FOAM.

CORNER WINDOW DETAIL  
 SCALE: 1" = 1'-0"



NOTE: ALL RED DOTS - APPLY CONTINUOUS 3/8" DIA. BEAD OF MASTIC SEALANT BETWEEN 2x MEMBER & PANEL FOAM.

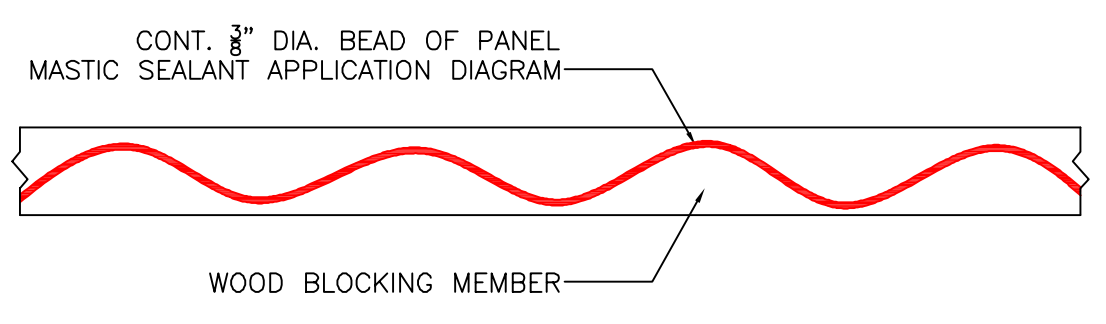
CORNER ABOVE/BELOW CORNER WINDOW  
 SCALE: 1" = 1'-0"



- INSTALL COLUMN UNDER BEAM (IF REQUIRED) IN PANEL PER TYPICAL DETAILS.
- CUT OPENING THROUGH INTERIOR SKIN THE SAME SIZE AS THE SUPPORT BEAM.
- REMOVE AREA OF FOAM LEAVING EXTERIOR SKIN FULLY INTACT, THEN FULL ROUT EDGES OF POCKET.
- PAD SIDES OF BEAM END W/ 2X BLOCKING SIZED TO FIT INTO PANEL CORE.
- LAND BEAM INTO POCKET SO THAT 2X BLOCKING KEYS BETWEEN BOTH PANEL SKINS. SECURE OSB PANEL SKINS, BOTH INTERIOR & EXTERIOR TO BLOCKING.
- USE DRILL & FILL METHOD TO APPLY EXPANDING SEALANT THROUGHOUT ANY CREATED VOIDS.
- ALSO FASTEN INTO END GRAIN OF SUPPORT BEAM THROUGH EXTERIOR SKINS.

NOTE: INT. PANEL SKIN HELD BACK FOR DRAWING CLARITY.

BEAM POCKET PERSPECTIVE DETAIL  
 SCALE: N/A



PANEL MASTIC APPLICATION DETAIL  
 SCALE: 1" = 1'-0"

SIP WALL SCHEDULE

MARK	SPLINE TYPE	SKIN NAILING TO ALL SPLINES, PLATES, BLOCKING, ECT...	MAXIMUM SIP SCREW SPACING	CAP & BOTTOM PLATE FASTENING TO FRAMING BELOW (U.N.O.)
SIP1	8"x3" PLYWOOD SURFACE SPLINES	0.131" DIA. x 2 1/2" GALV. NAILS @ 6" o.c.	8" o.c.	0.162"x3 1/2" NAILS @ 6" o.c. STAGGERED
SIP2	8"x3" PLYWOOD SURFACE SPLINES	0.131" DIA. x 2 1/2" GALV. NAILS @ 3" o.c.	6" o.c.	0.162"x3 1/2" NAILS @ 3" o.c. STAGGERED
SIP3	3 1/2"x7 1/4" SCL	0.131" DIA. x 2 1/2" GALV. NAILS @ 3" o.c.	4" o.c.	0.162"x3 1/2" NAILS @ 2" o.c. STAGGERED

SHEAR WALL SCHEDULE

MARK	STUD	SHEATHING		SHEATHING FASTENING		BLOCKING REQ'D AT ALL PANEL EDGES	BOTTOM PLATE FASTENING TO FRAMING BELOW (U.N.O.)		
		THICKNESS	TYPE	PANEL EDGES	PANEL FIELD				
W1	2x4 @ 16" o.c.	1/2"	ONE SIDE	APA RATED	0.131" x 2 1/2" NAILS	6" o.c.	12" o.c.	YES	0.162" x 3 1/2" NAILS @ 8" o.c.
W2	2x6 @ 16" o.c.	1/2"	ONE SIDE	APA RATED	0.131" x 2 1/2" NAILS	6" o.c.	12" o.c.	YES	0.162" x 3 1/2" NAILS @ 8" o.c.
W3	2x6 @ 16" o.c.	1/2"	ONE SIDE	APA RATED	0.131" x 2 1/2" NAILS	3" o.c.	12" o.c.	YES	0.162" x 3 1/2" NAILS @ 4" o.c.
W4	2x6 @ 16" o.c.	1/2"	BOTH SIDES	APA RATED	0.131" x 2 1/2" NAILS	4" o.c.	12" o.c.	YES	0.162" x 3 1/2" NAILS @ 4" o.c.