

ALUCOLUX[®]

FLAT LOCK PANEL SYSTEM

These details are for conceptual purposes only. The authorized purchaser of ALUCOBOND[®] is responsible for the actual panel system design, fabrication, and installation. 3A Composites USA, Inc. shall have no responsibility or liability for the products usage and does not make any express or implied warranties including merchantability and fitness purposes.

FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION

101	-	HORIZONTAL JOINT	109	-	DRIP EDGE
101B	-	OPTIONAL RAINSCREEN MAT	110	-	WINDOW HEAD
102	-	VERTICAL JOINT	111	-	WINDOW SILL
103	-	WALL TO SOFFIT	112	-	WINDOW JAMB
104	-	END WALL			
105	-	OUTSIDE CORNER			
106	-	BASE			
107	-	INSIDE CORNER			
108	-	COPING			

FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION

201	-	HORIZONTAL JOINT	209	-	DRIP EDGE
201B	-	OPTIONAL RAINSCREEN MAT	210	-	WINDOW HEAD
202	-	VERTICAL JOINT	211	-	WINDOW SILL
203	-	WALL TO SOFFIT	212	-	WINDOW JAMB
204	-	END WALL			
205	-	OUTSIDE CORNER			
206	-	BASE			
207	-	INSIDE CORNER			
208	-	COPING			

FLAT LOCK PANEL SYSTEM - WOOD FRAMED

301	-	HORIZONTAL JOINT	308	-	INSIDE CORNER
301B	-	OPTIONAL RAINSCREEN MAT	309	-	COPING
302	-	HORIZONTAL JOINT FLOORLINE	310	-	DRIP EDGE
303	-	VERTICAL JOINT	311	-	WINDOW HEAD
304	-	WALL TO SOFFIT	312	-	WINDOW SILL
305	-	END WALL	313	-	WINDOW JAMB
306	-	OUTSIDE CORNER			
307	-	BASE			

FLAT LOCK PANEL SYSTEM - CMU

401	-	HORIZONTAL JOINT	409	-	DRIP EDGE
401B	-	OPTIONAL RAINSCREEN MAT	410	-	WINDOW HEAD
402	-	VERTICAL JOINT	411	-	WINDOW SILL
403	-	WALL TO SOFFIT	412	-	WINDOW JAMB
404	-	END WALL			
405	-	OUTSIDE CORNER			
406	-	BASE			
407	-	INSIDE CORNER			
408	-	COPING			

FLAT LOCK PANEL SYSTEM - CONCRETE

501	-	HORIZONTAL JOINT	509	-	DRIP EDGE
501B	-	OPTIONAL RAINSCREEN MAT	510	-	WINDOW HEAD
502	-	VERTICAL JOINT	511	-	WINDOW SILL
503	-	WALL TO SOFFIT	512	-	WINDOW JAMB
504	-	END WALL			
505	-	OUTSIDE CORNER			
506	-	BASE			
507	-	INSIDE CORNER			
508	-	COPING			

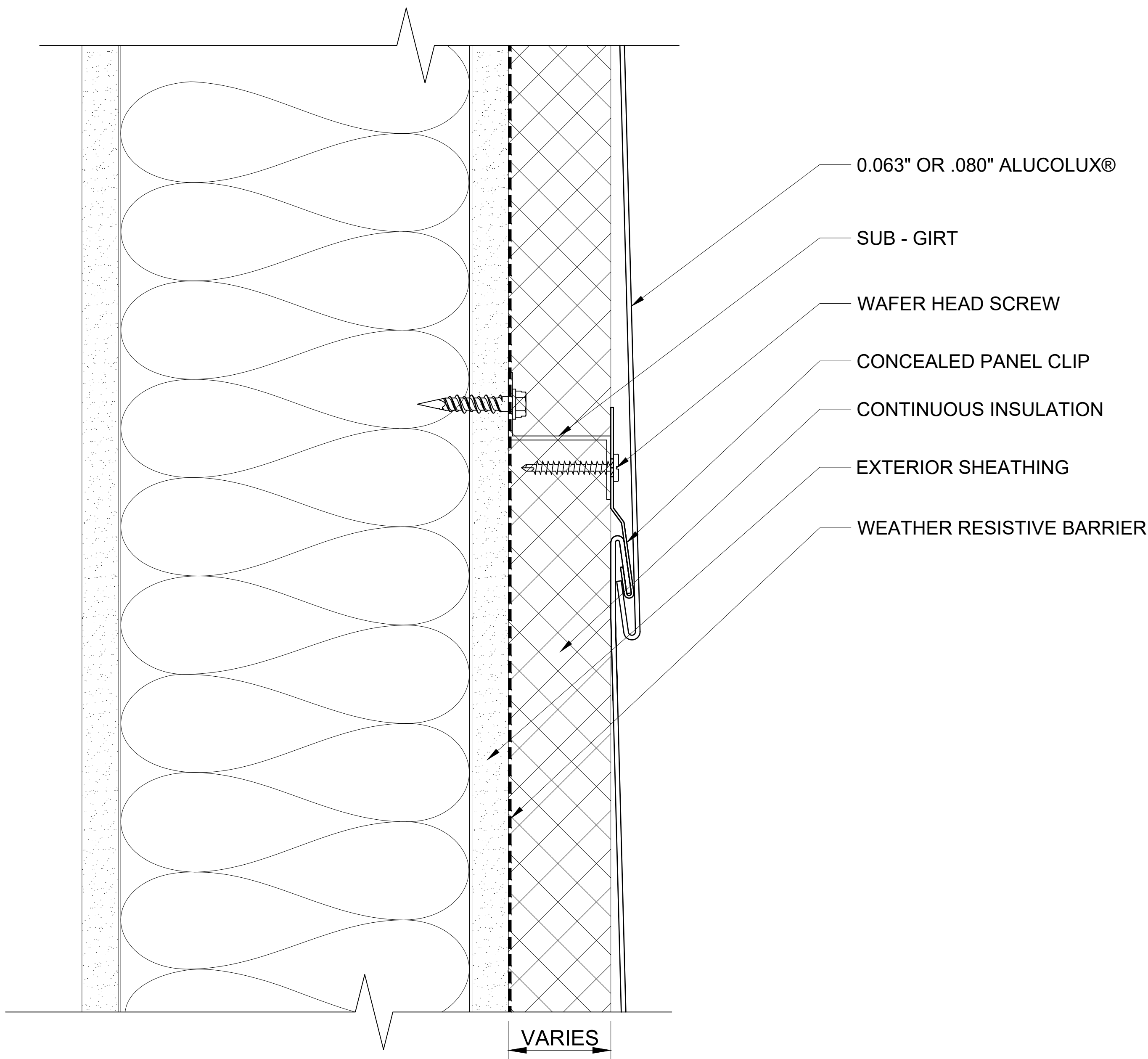
FLAT LOCK PANEL SYSTEM - ARMORWALL

601	-	HORIZONTAL JOINT	609	-	DRIP EDGE
601B	-	OPTIONAL RAINSCREEN MAT	610	-	WINDOW HEAD
602	-	VERTICAL JOINT	611	-	WINDOW SILL
603	-	WALL TO SOFFIT	612	-	WINDOW JAMB
604	-	END WALL			
605	-	OUTSIDE CORNER			
606	-	BASE			
607	-	INSIDE CORNER			
608	-	COPING			



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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION



101A

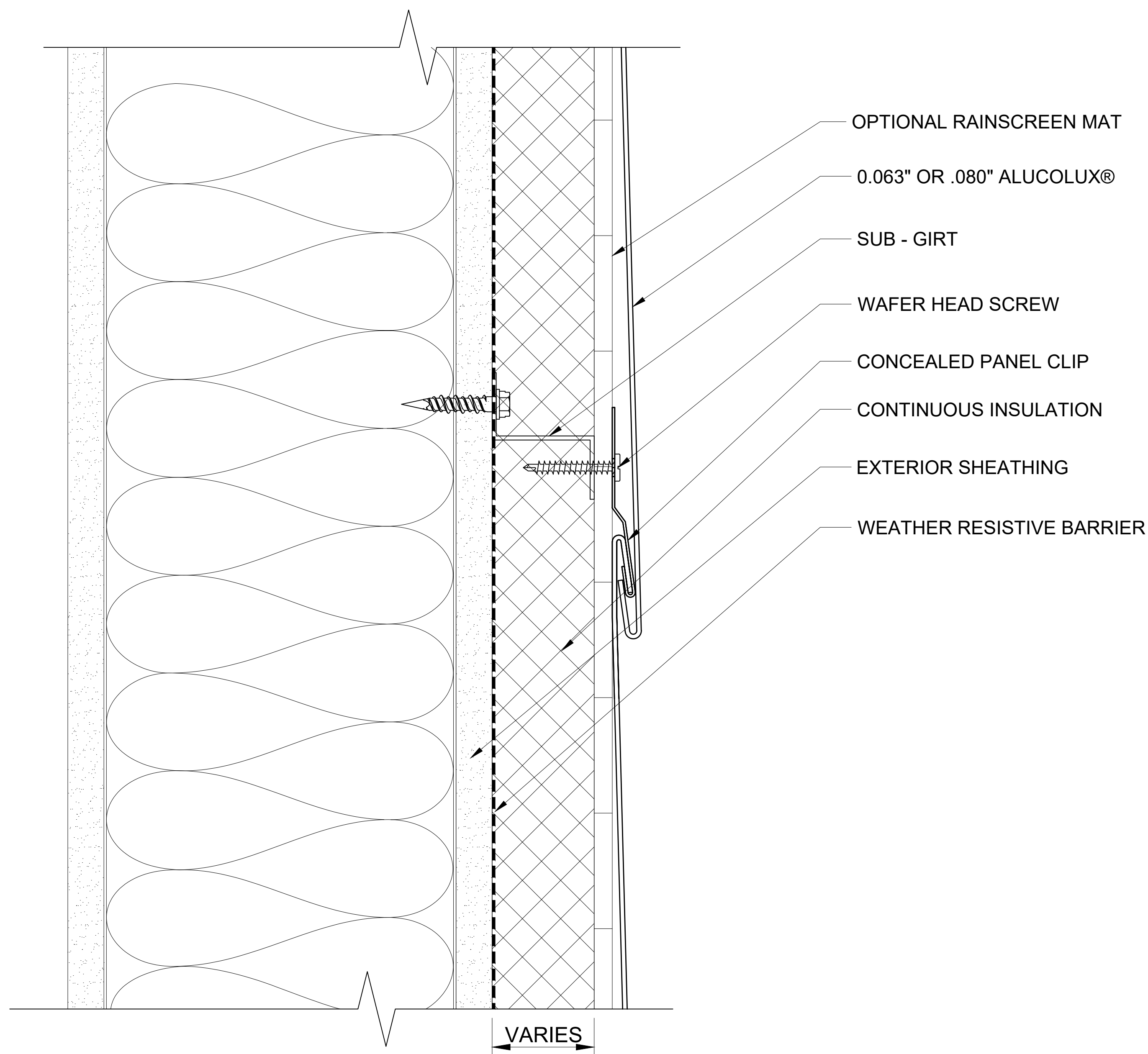
HORIZONTAL JOINT

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION



101B

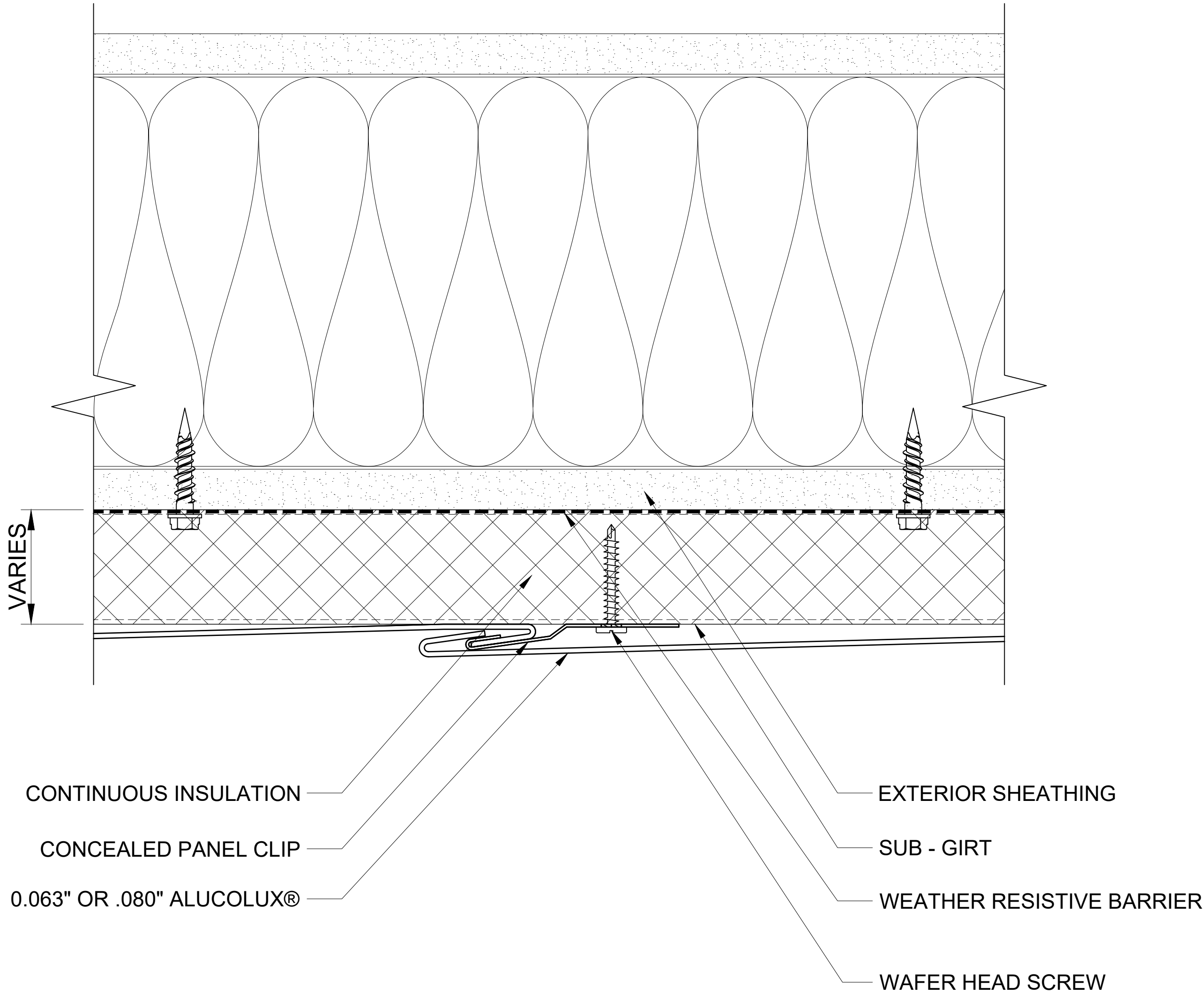
OPTIONAL RAINSCREEN MAT

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION

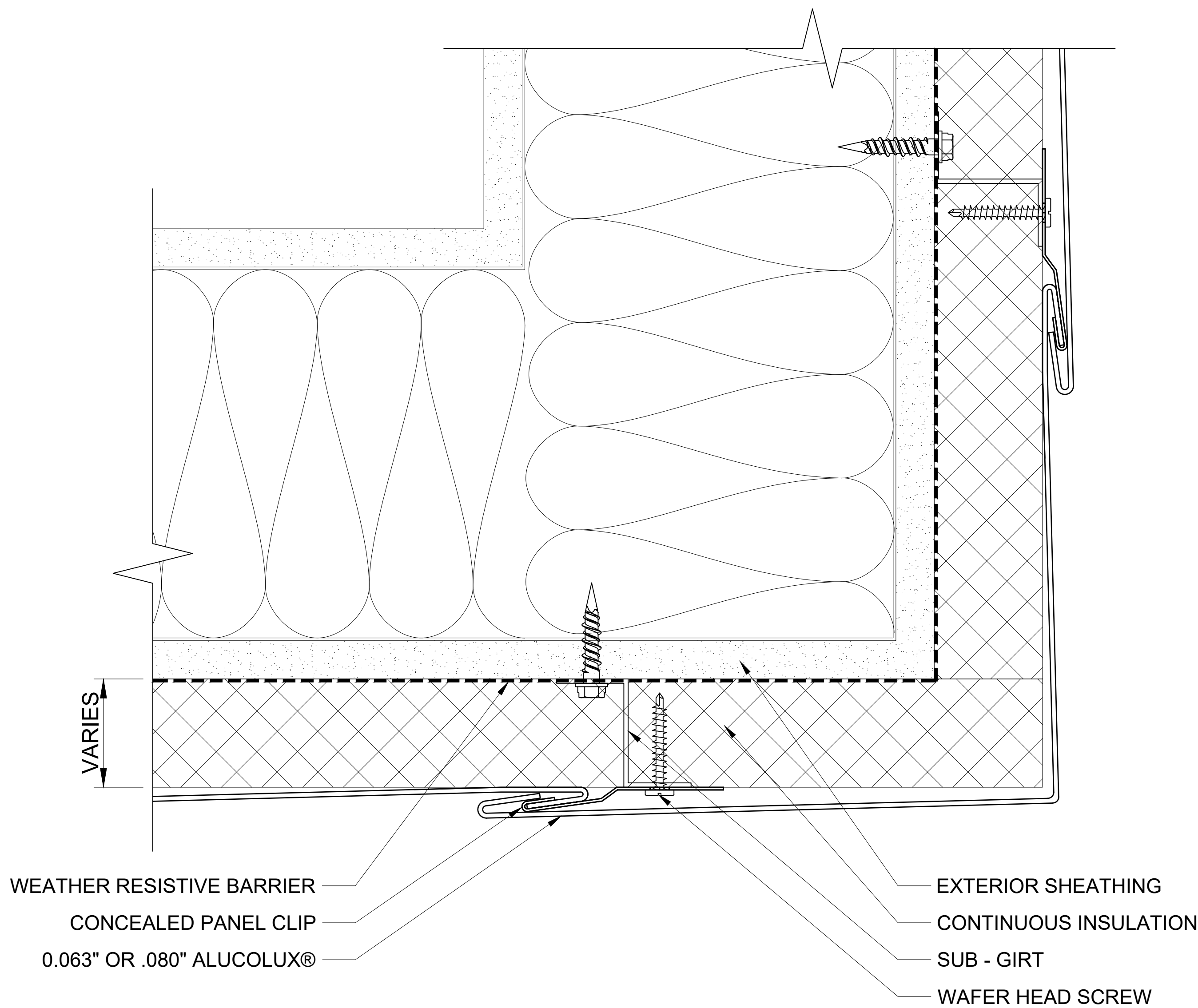


102 VERTICAL JOINT - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION



103

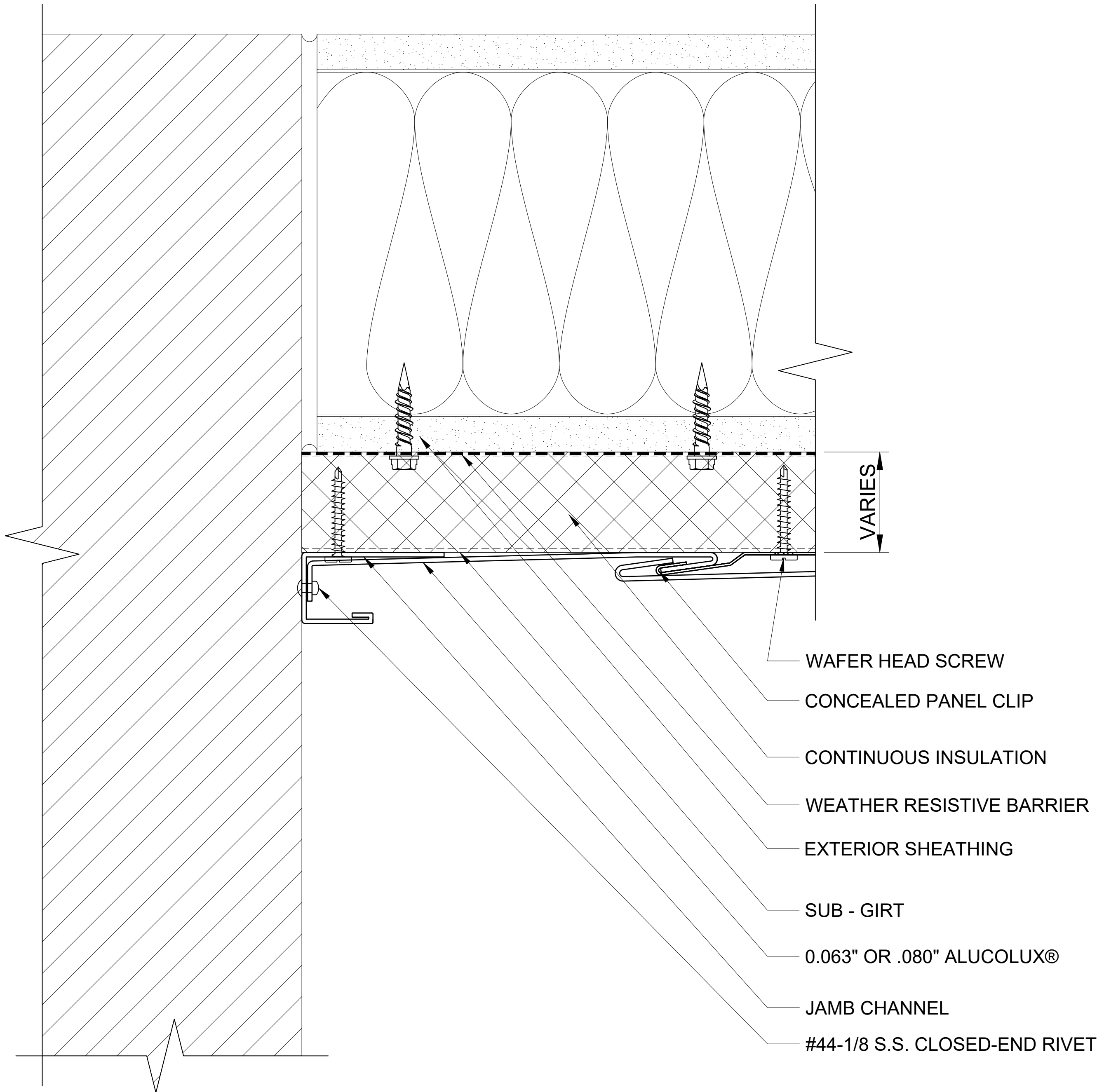
WALL TO SOFFIT

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION



104

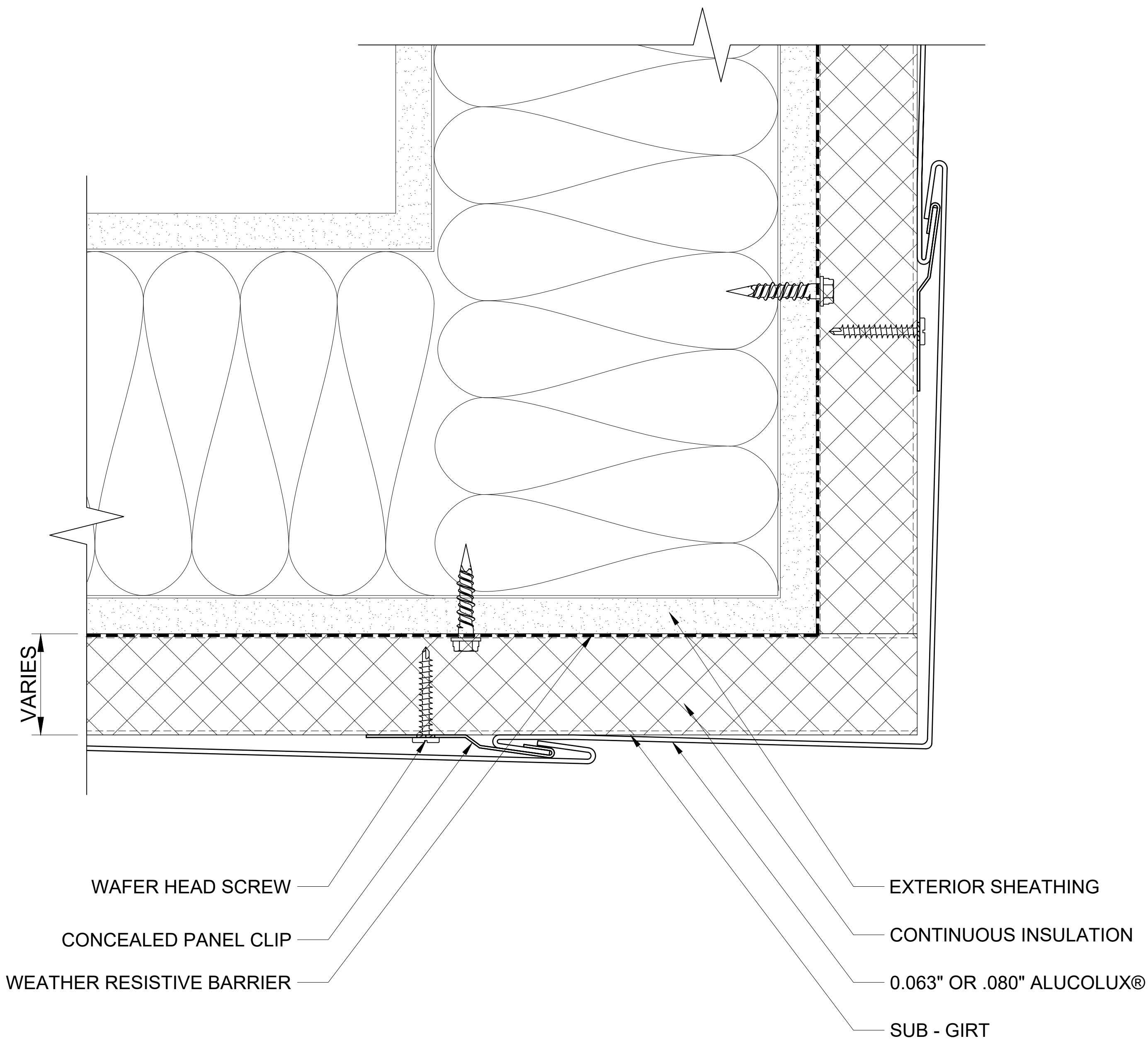
END WALL - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION



105

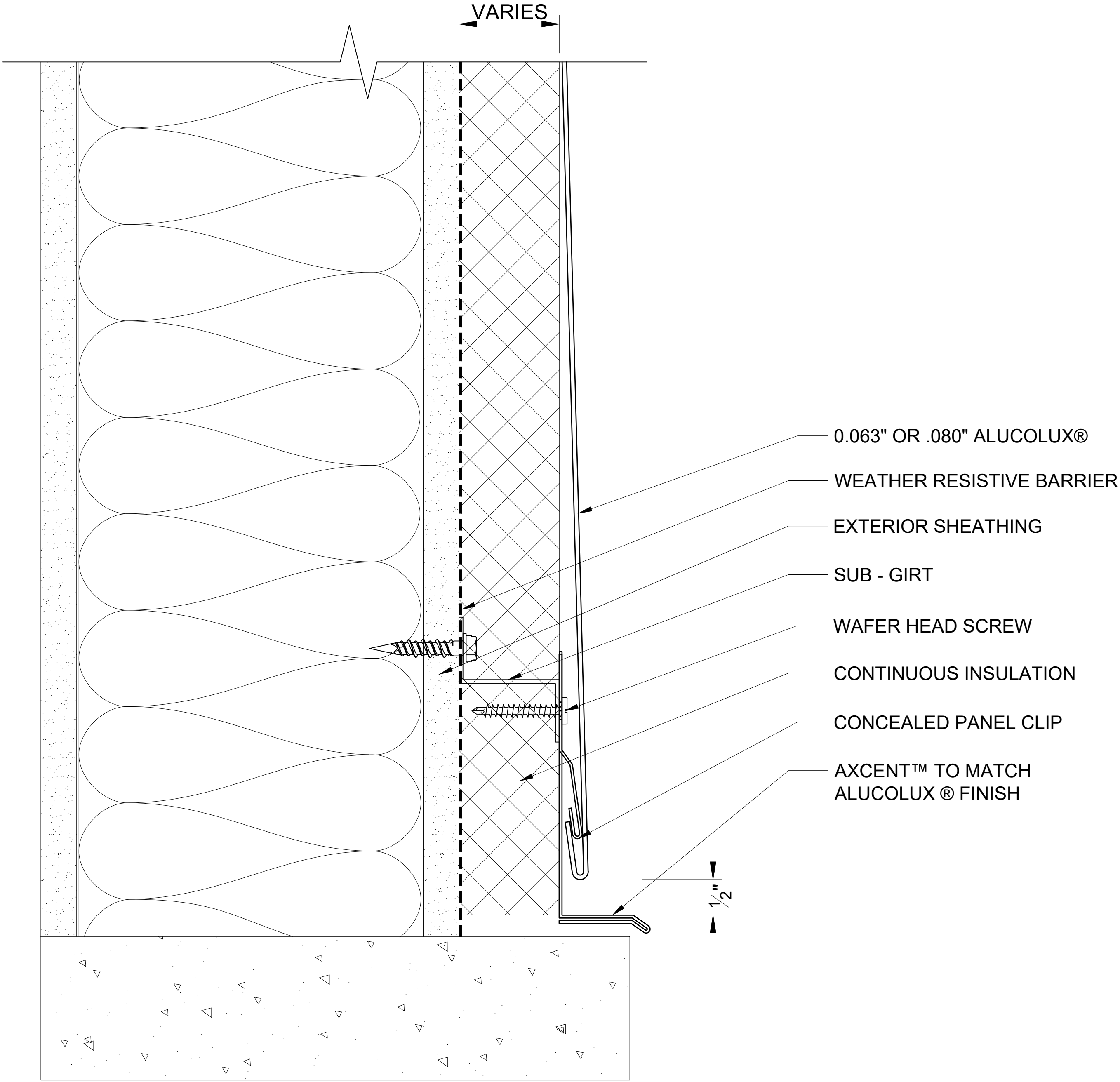
OUTSIDE CORNER - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION

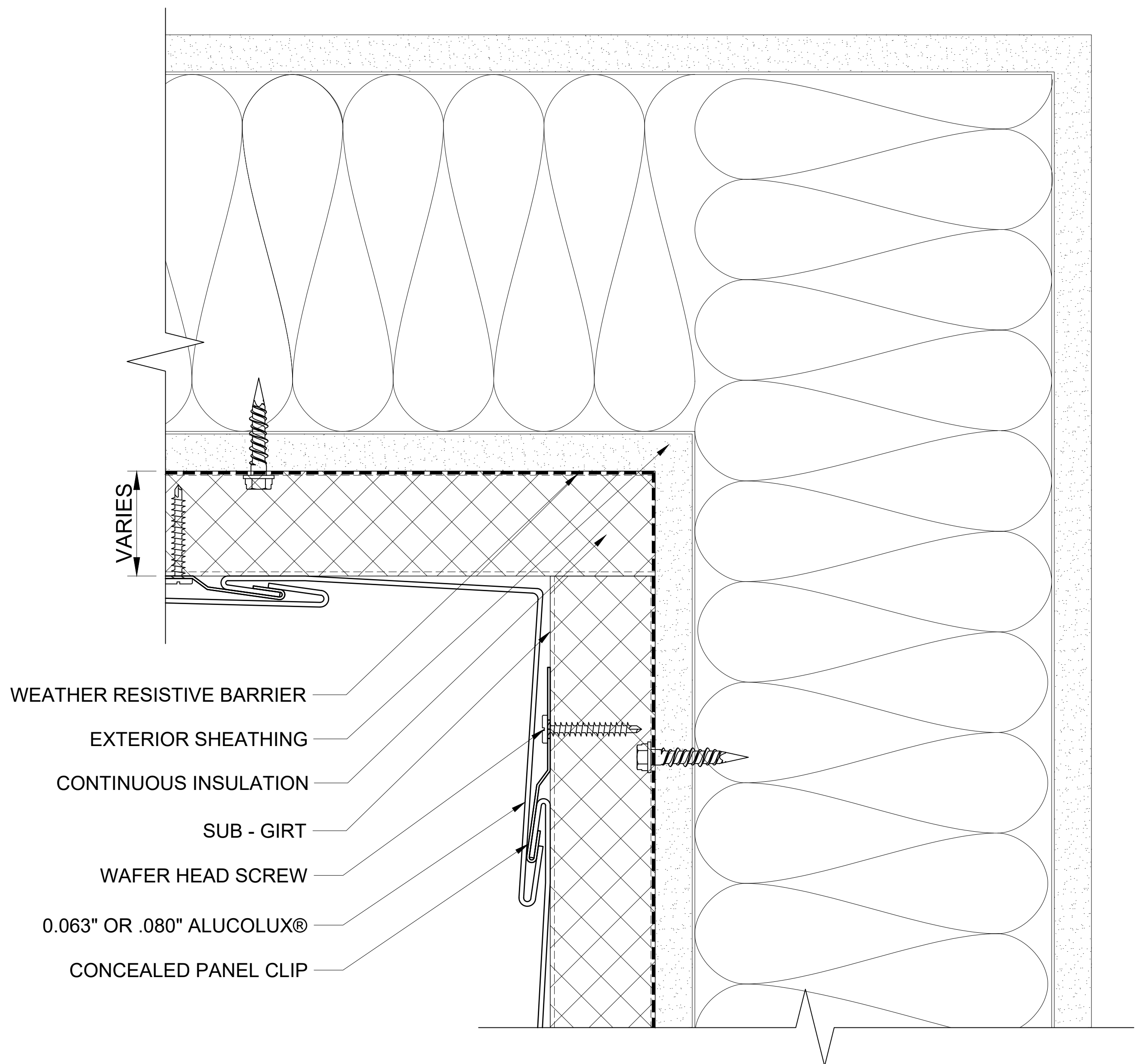


106 BASE
SCALE: 3" = 1' - 0"

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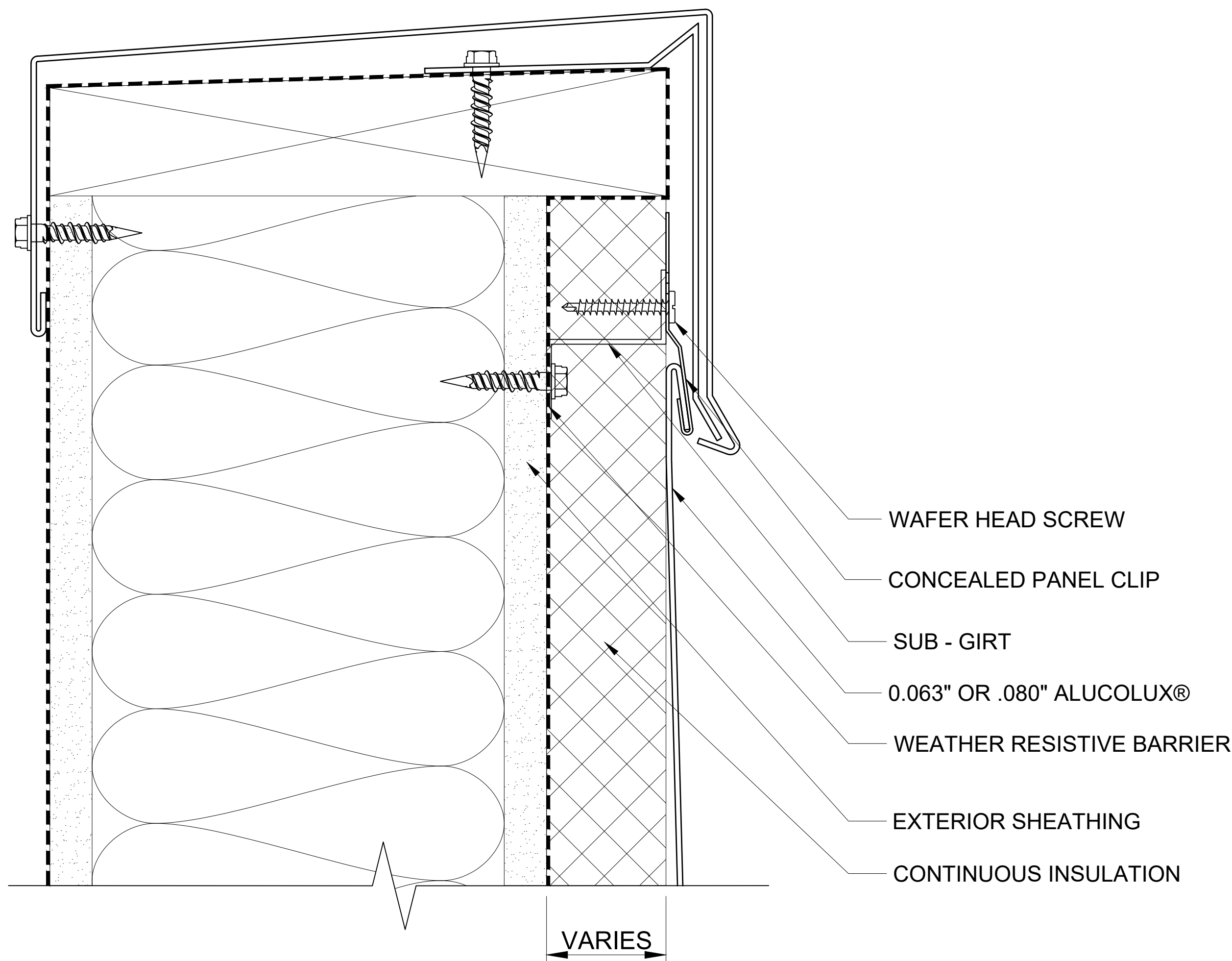
FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION



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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION

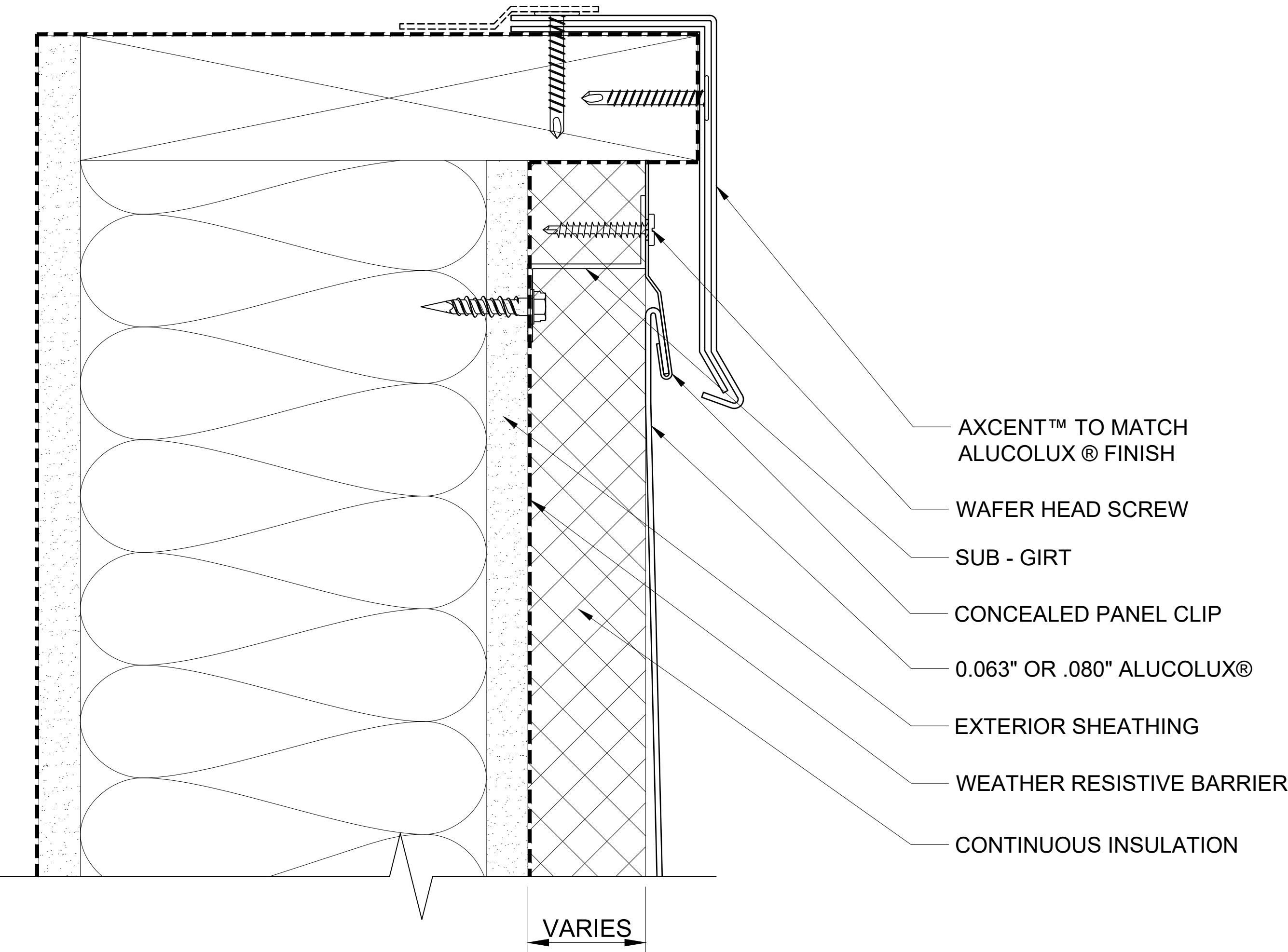


108 COPING
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION

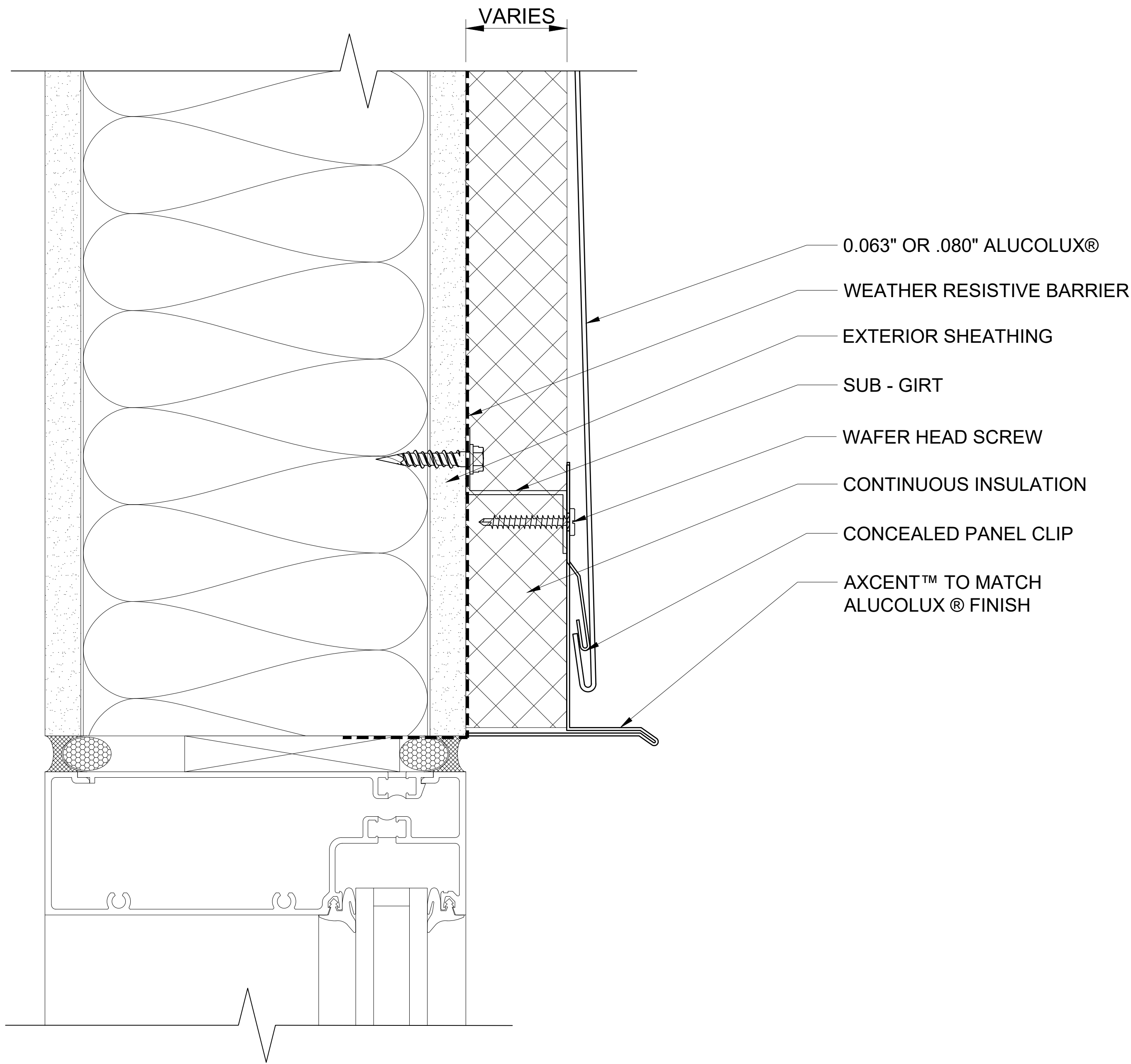


109 DRIP EDGE
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION

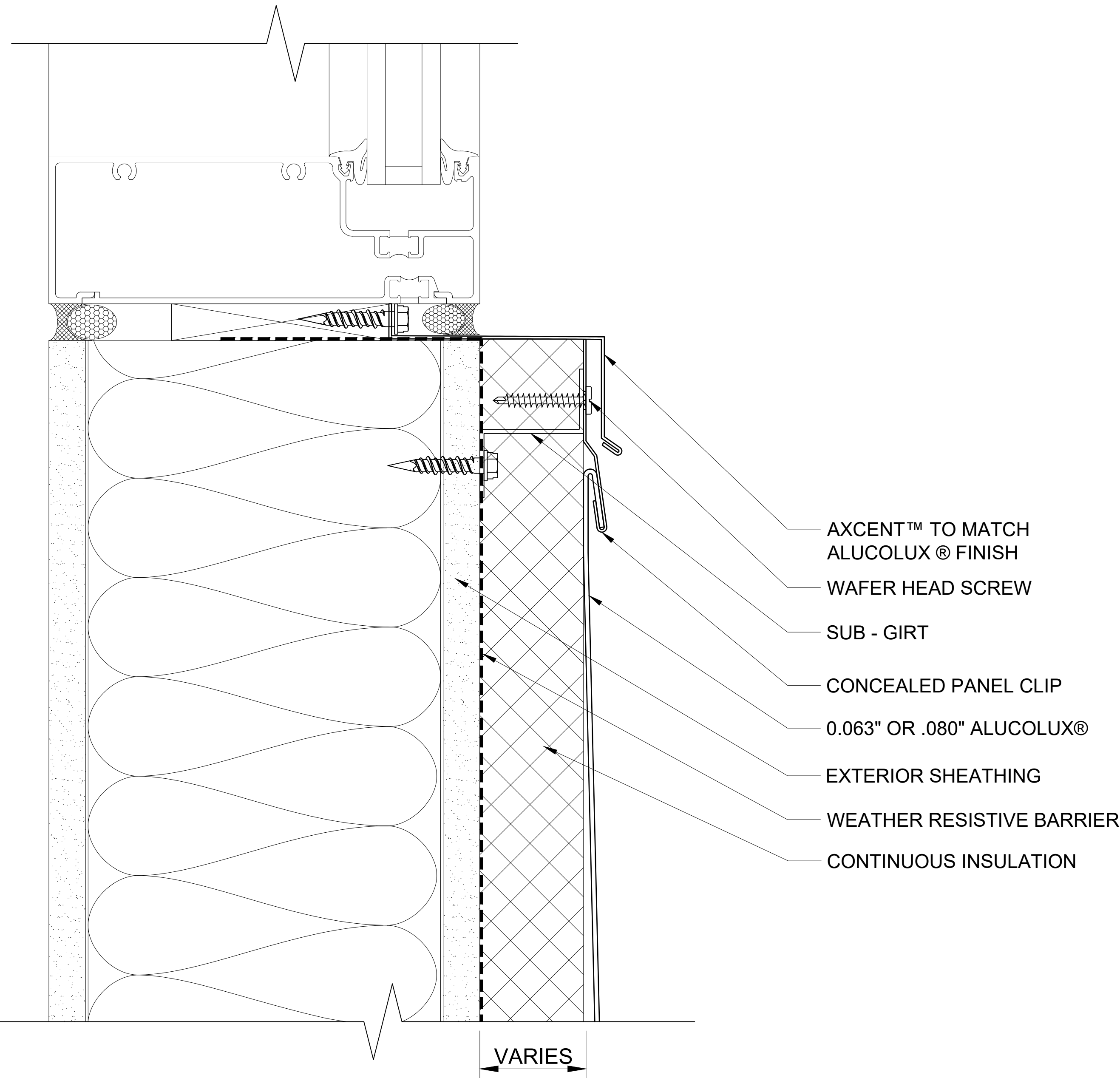


110 WINDOW HEAD
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION



111

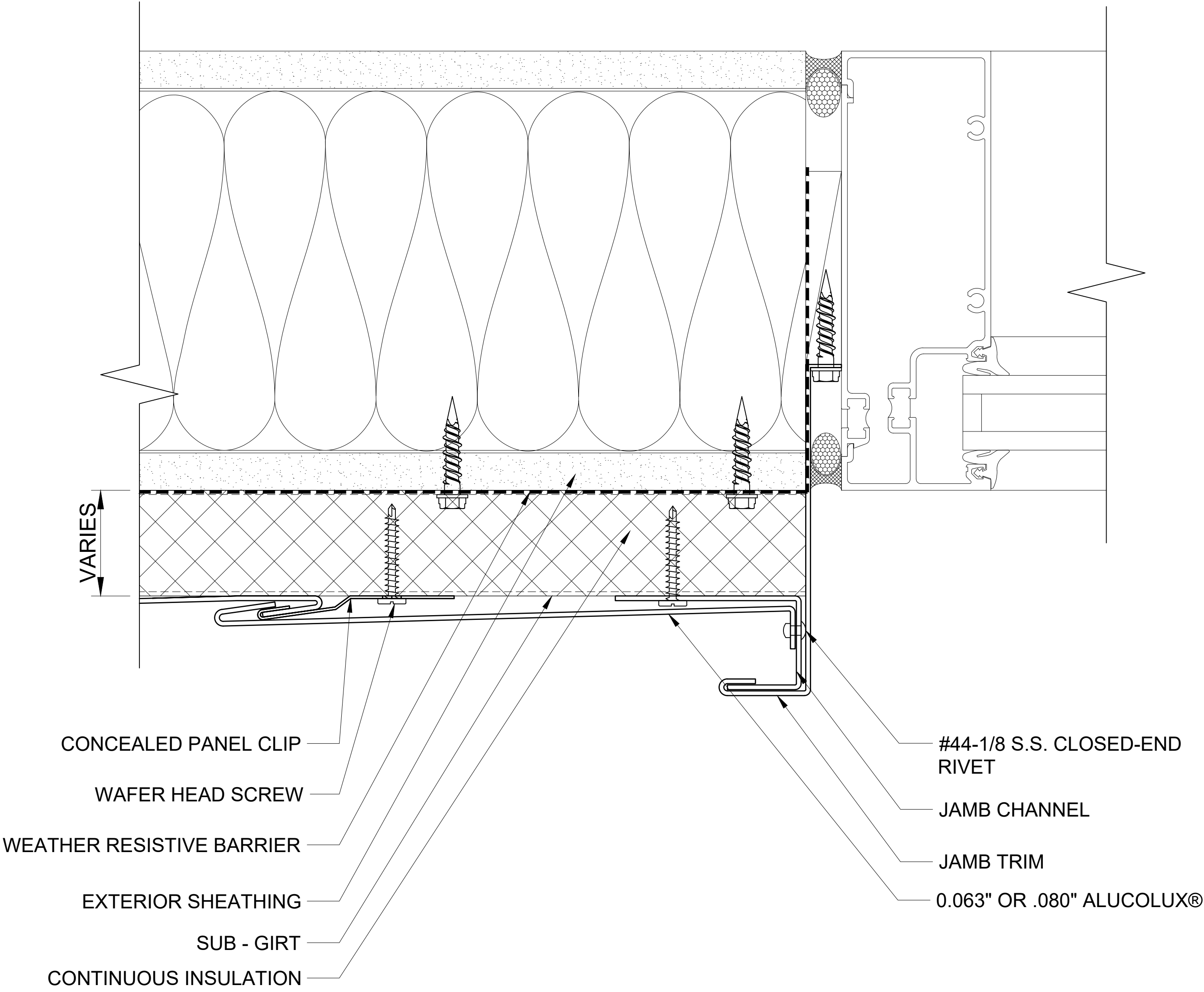
WINDOW SILL

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH EXTERIOR INSULATION



112

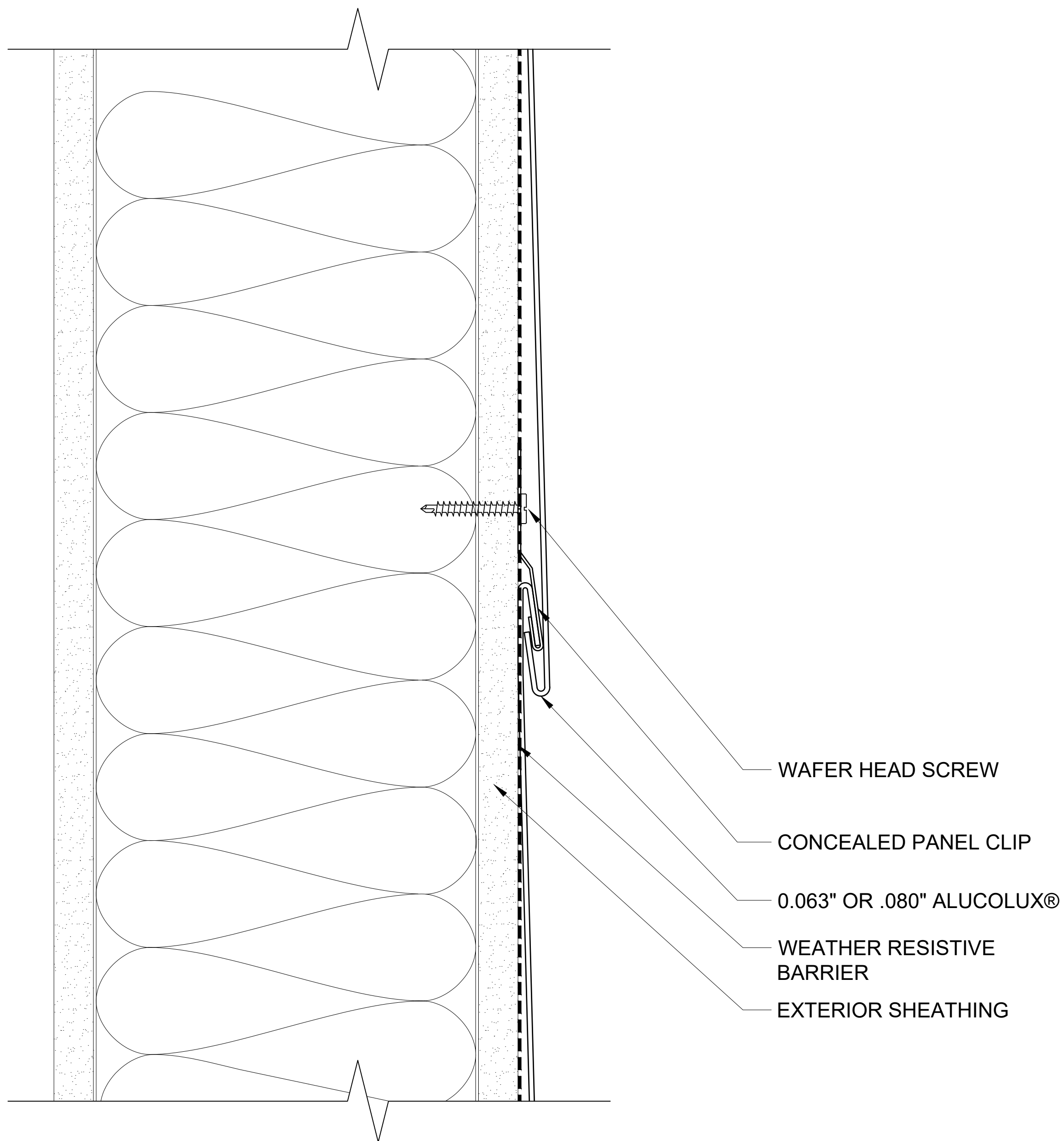
WINDOW JAMB - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION

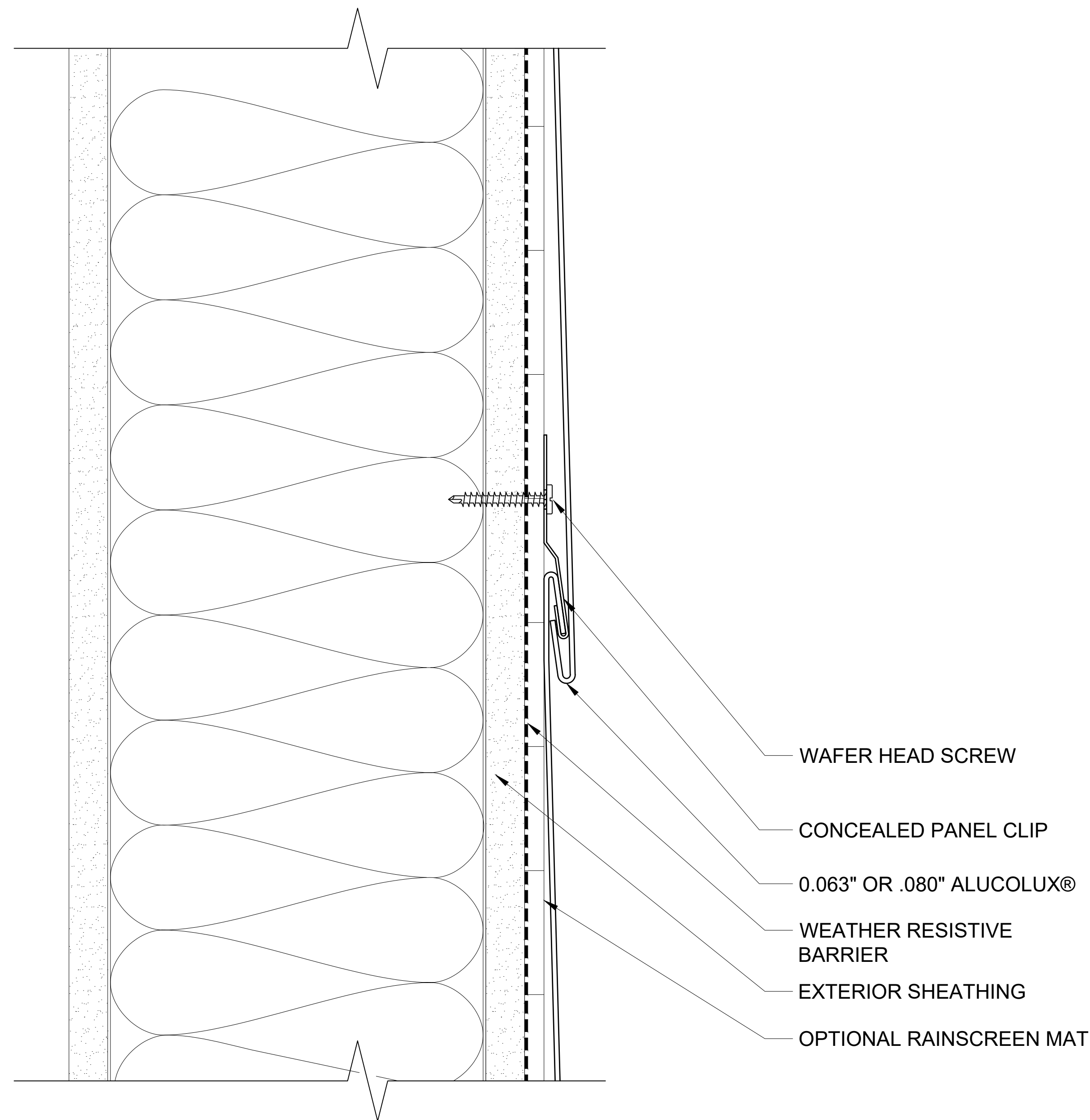


201 HORIZONTAL JOINT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION

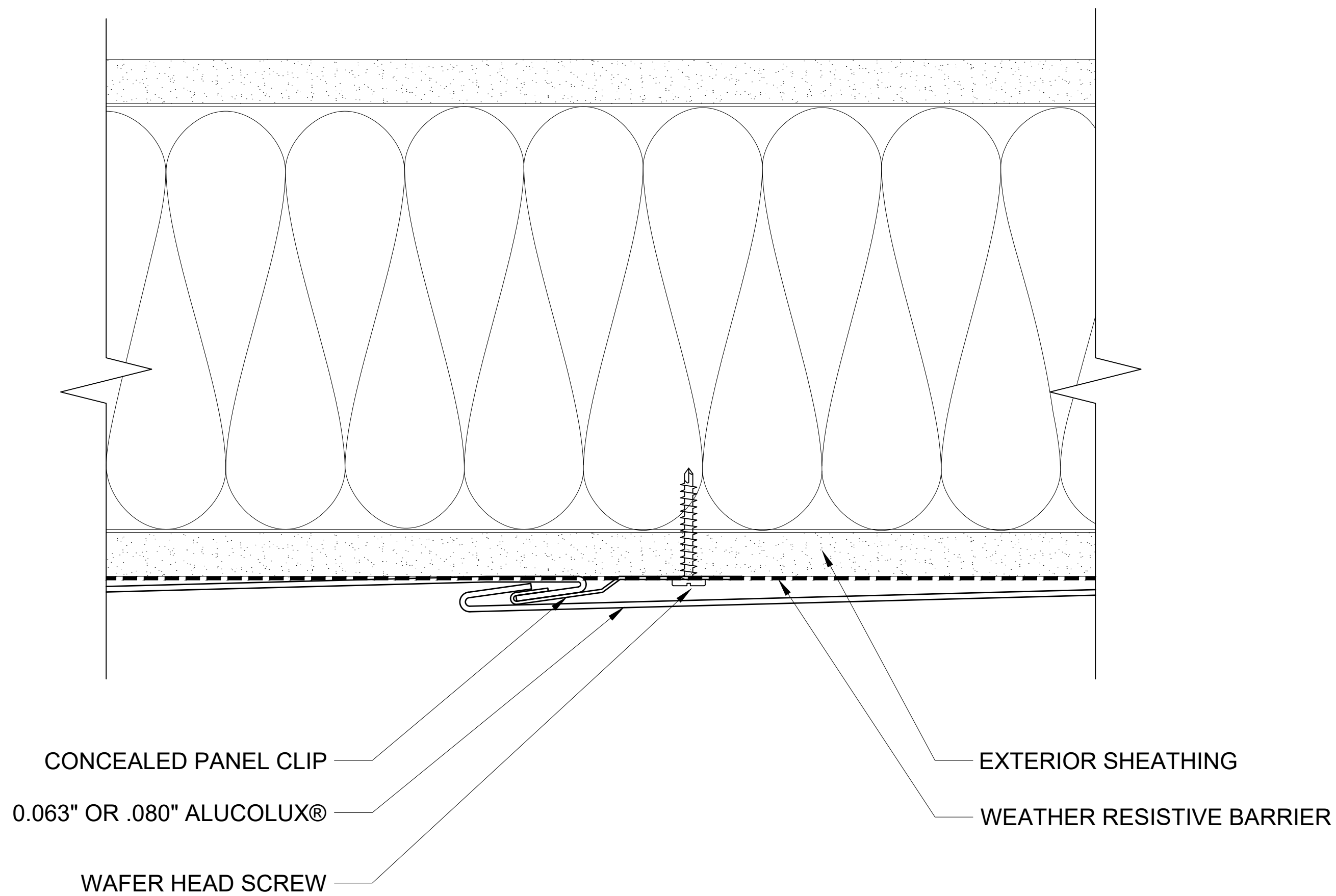


201B OPTIONAL RAINSCREEN MAT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION



202

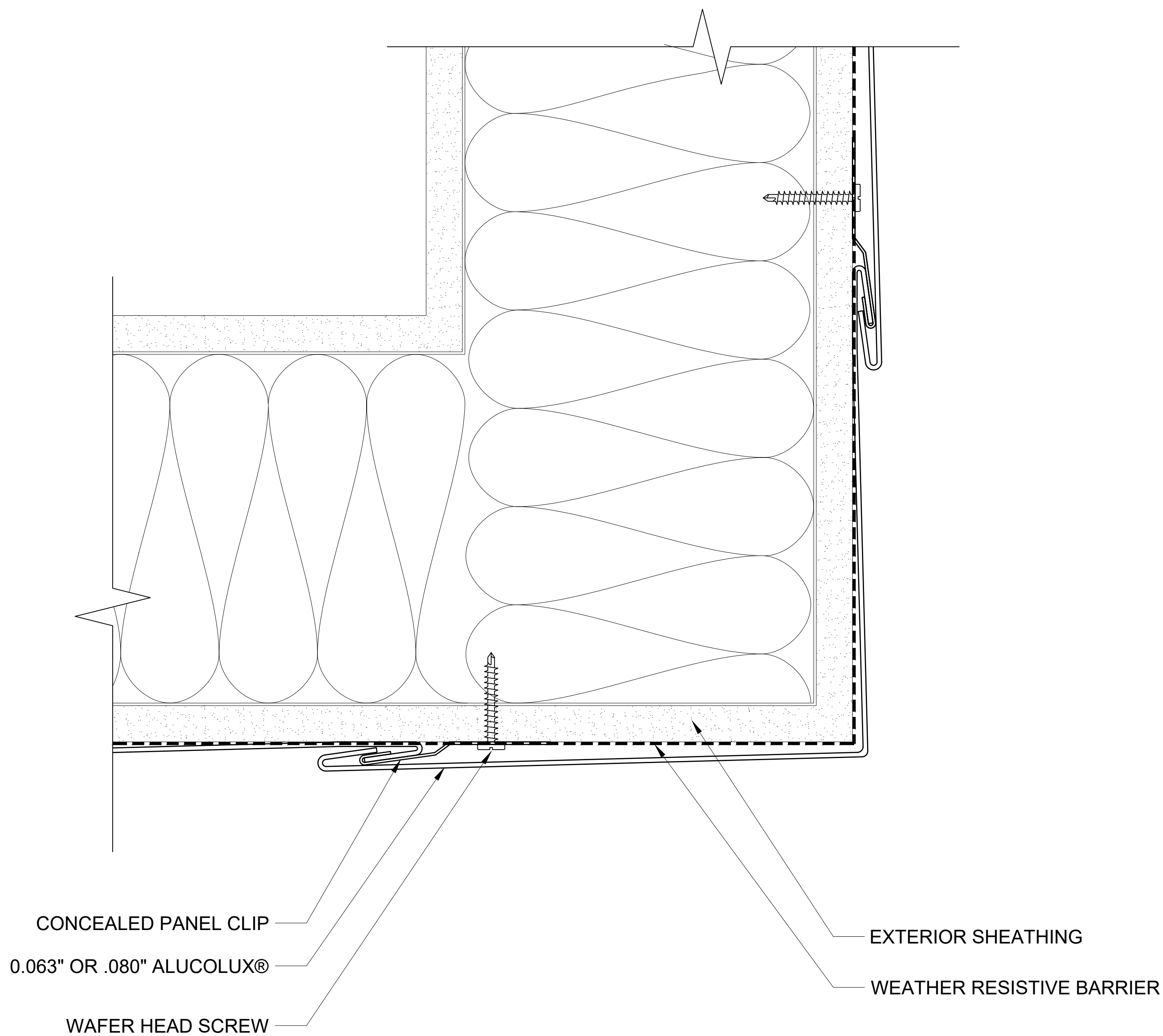
VERTICAL JOINT - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION



203

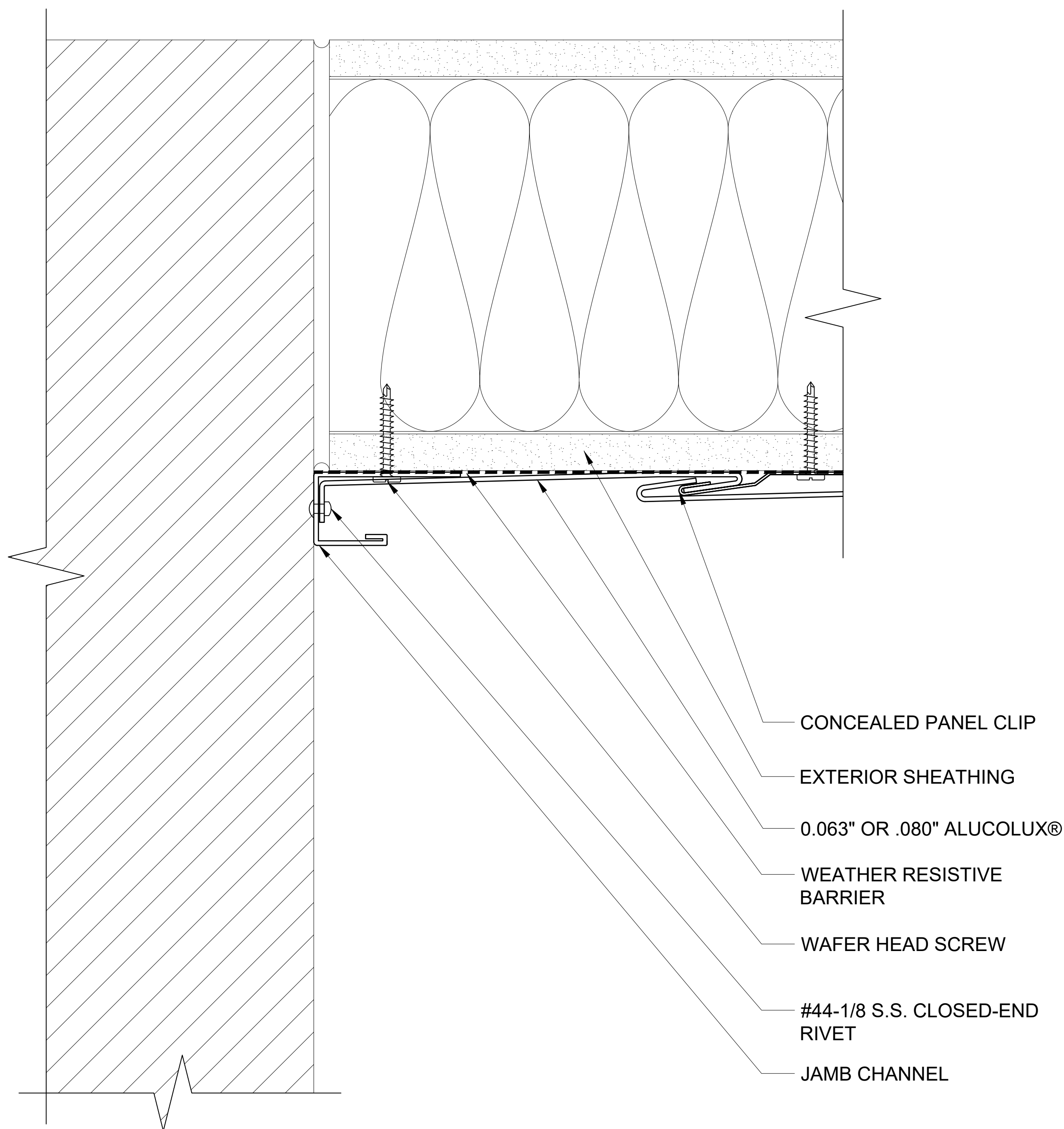
WALL TO SOFFIT

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION



204

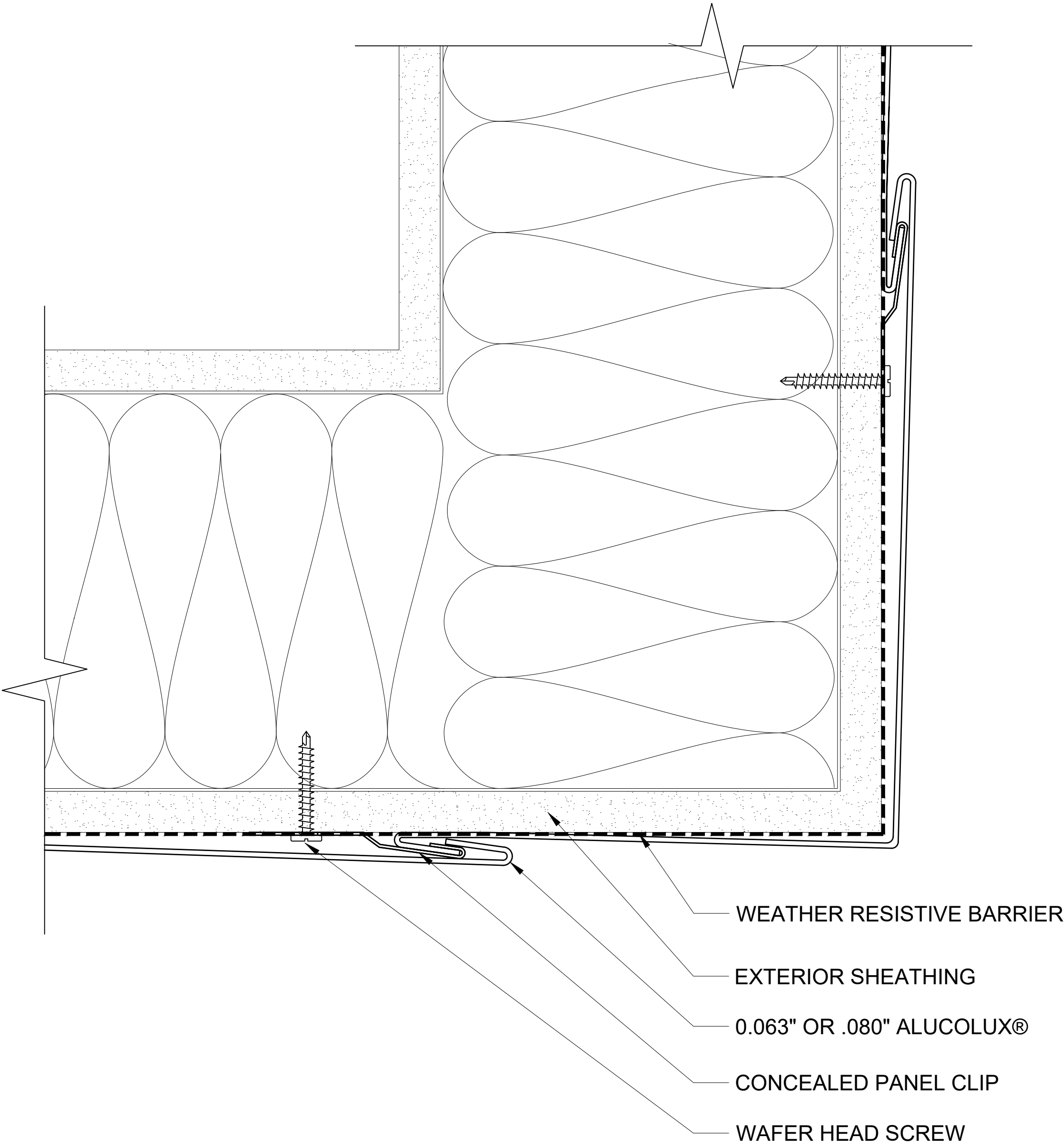
END WALL - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION

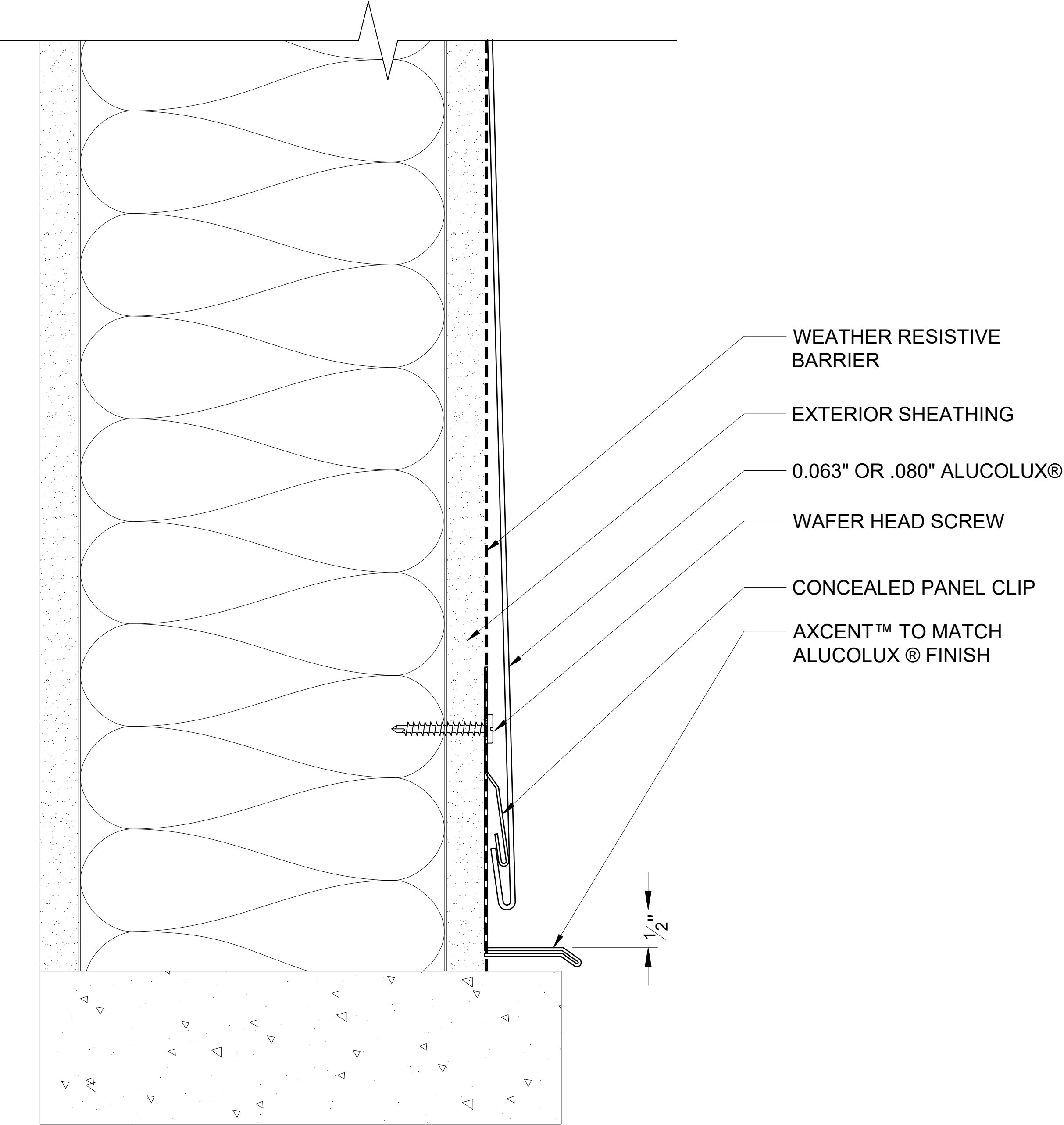


205 OUTSIDE CORNER - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION

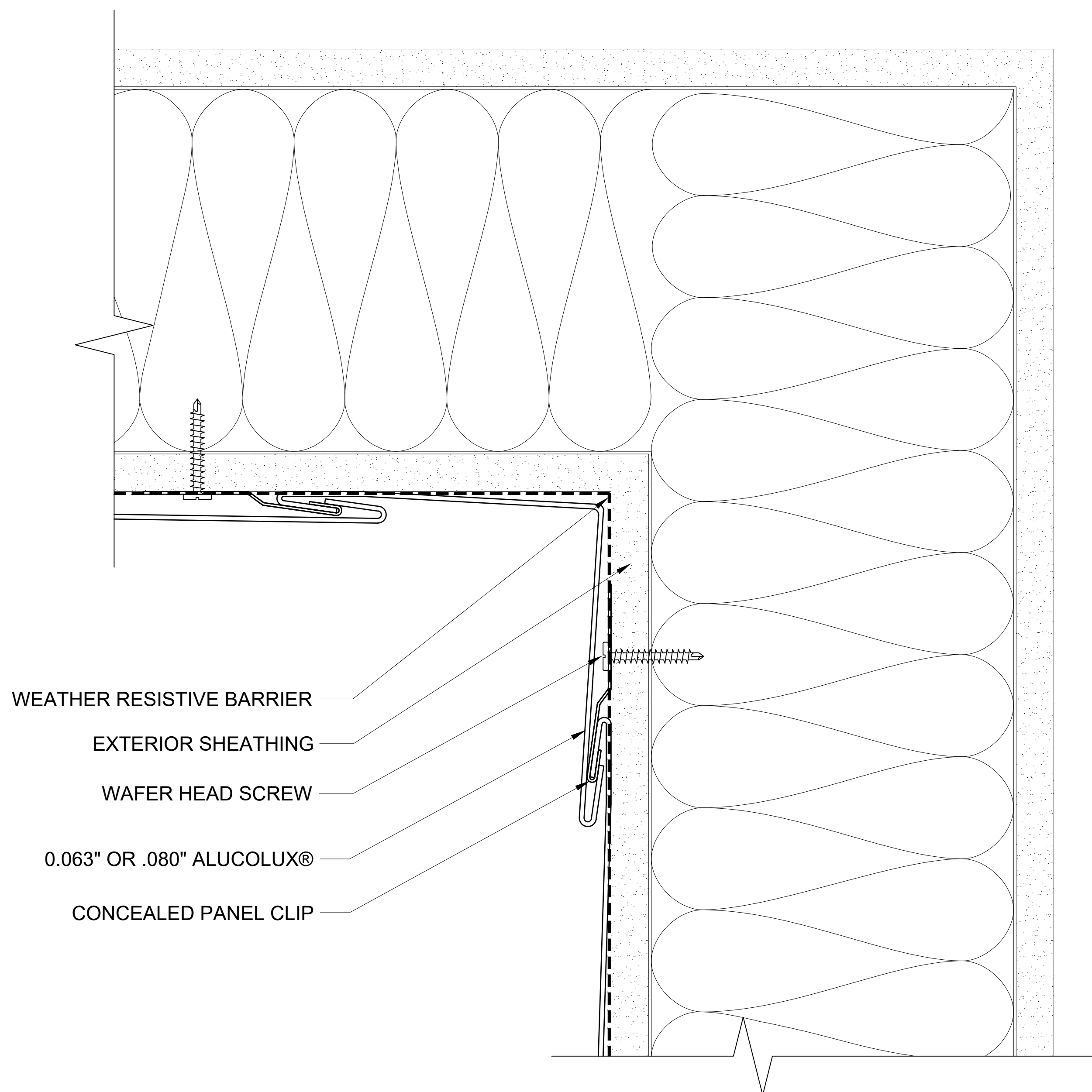


206 BASE
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION



207

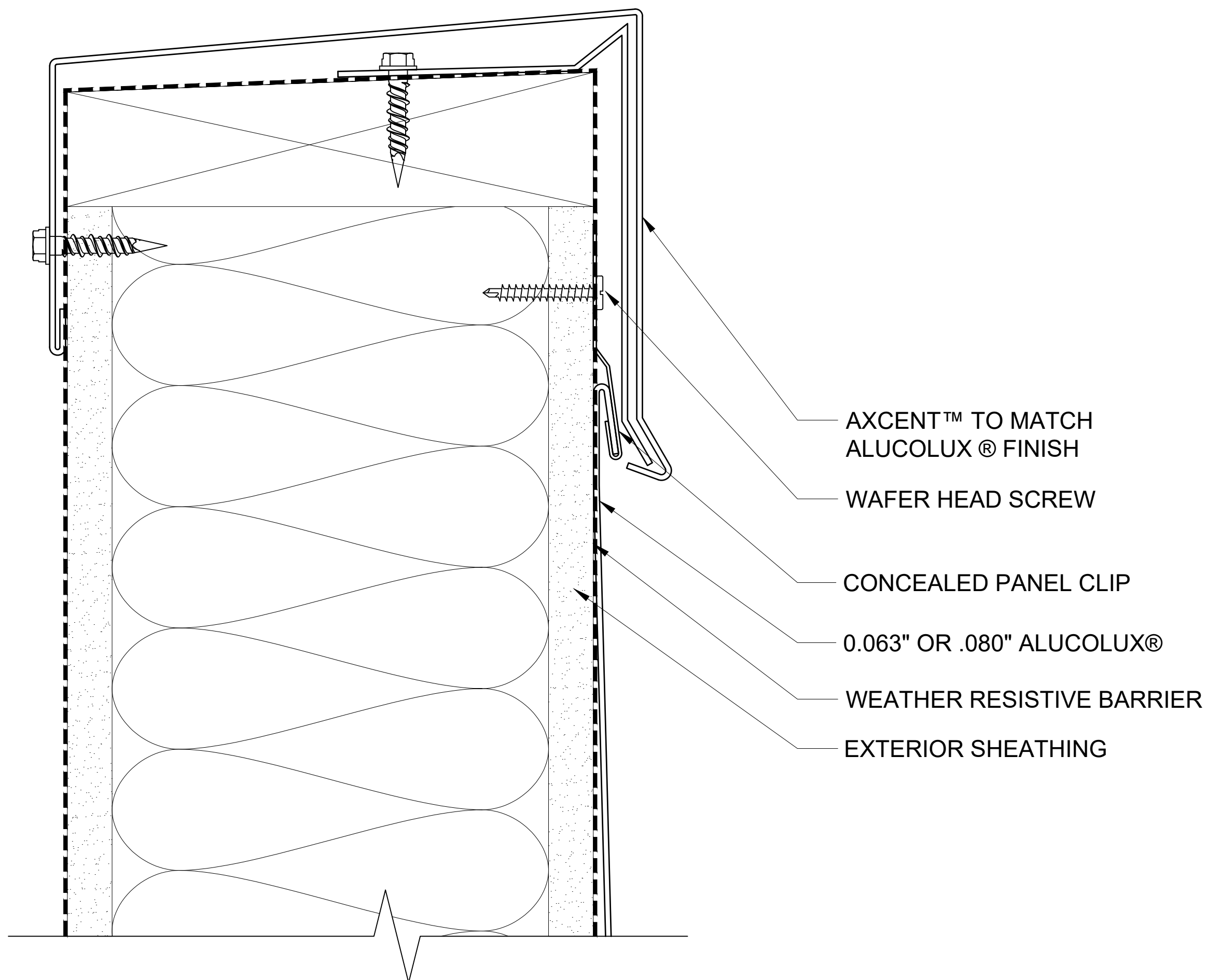
INSIDE CORNER - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION



208

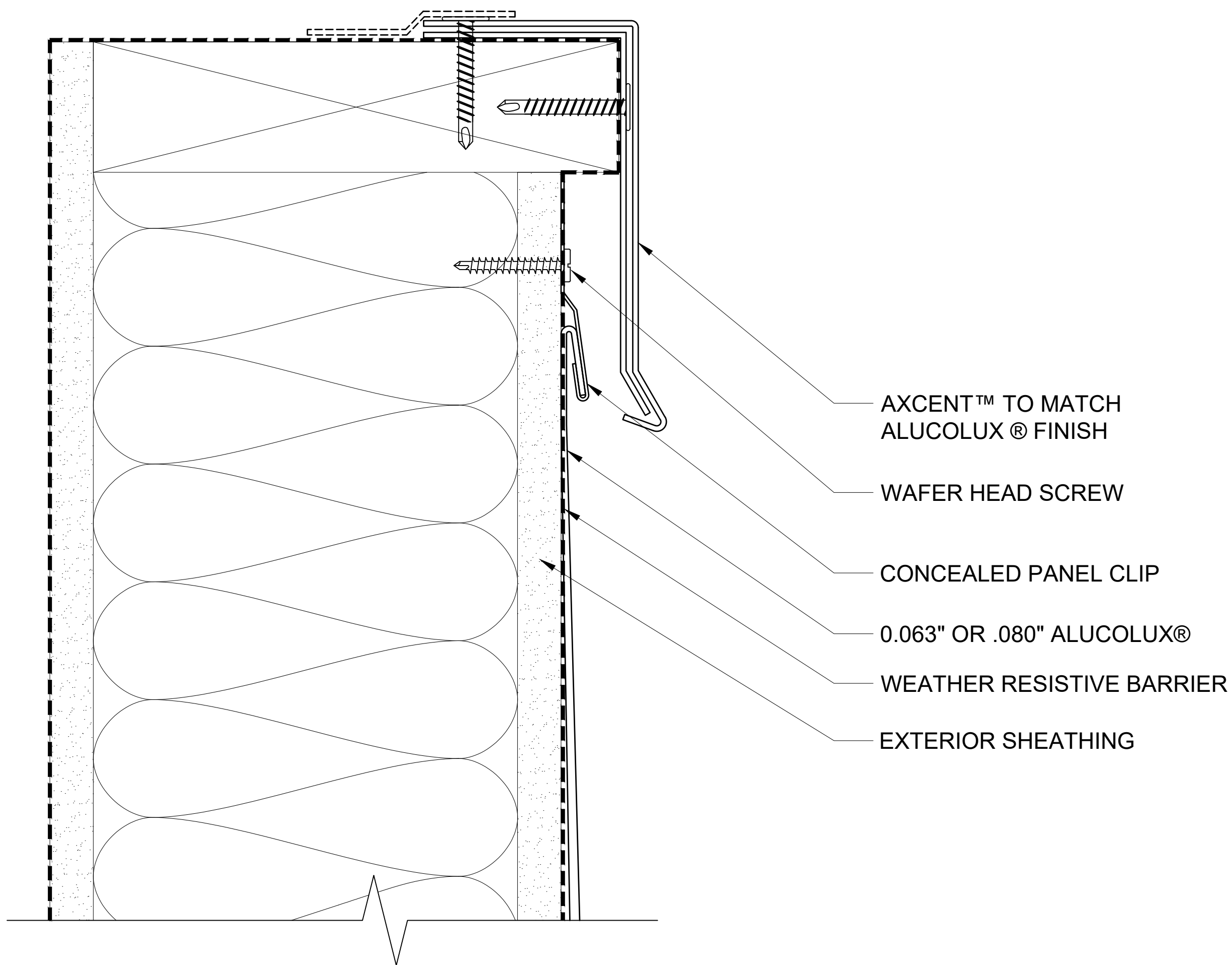
COPING

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION

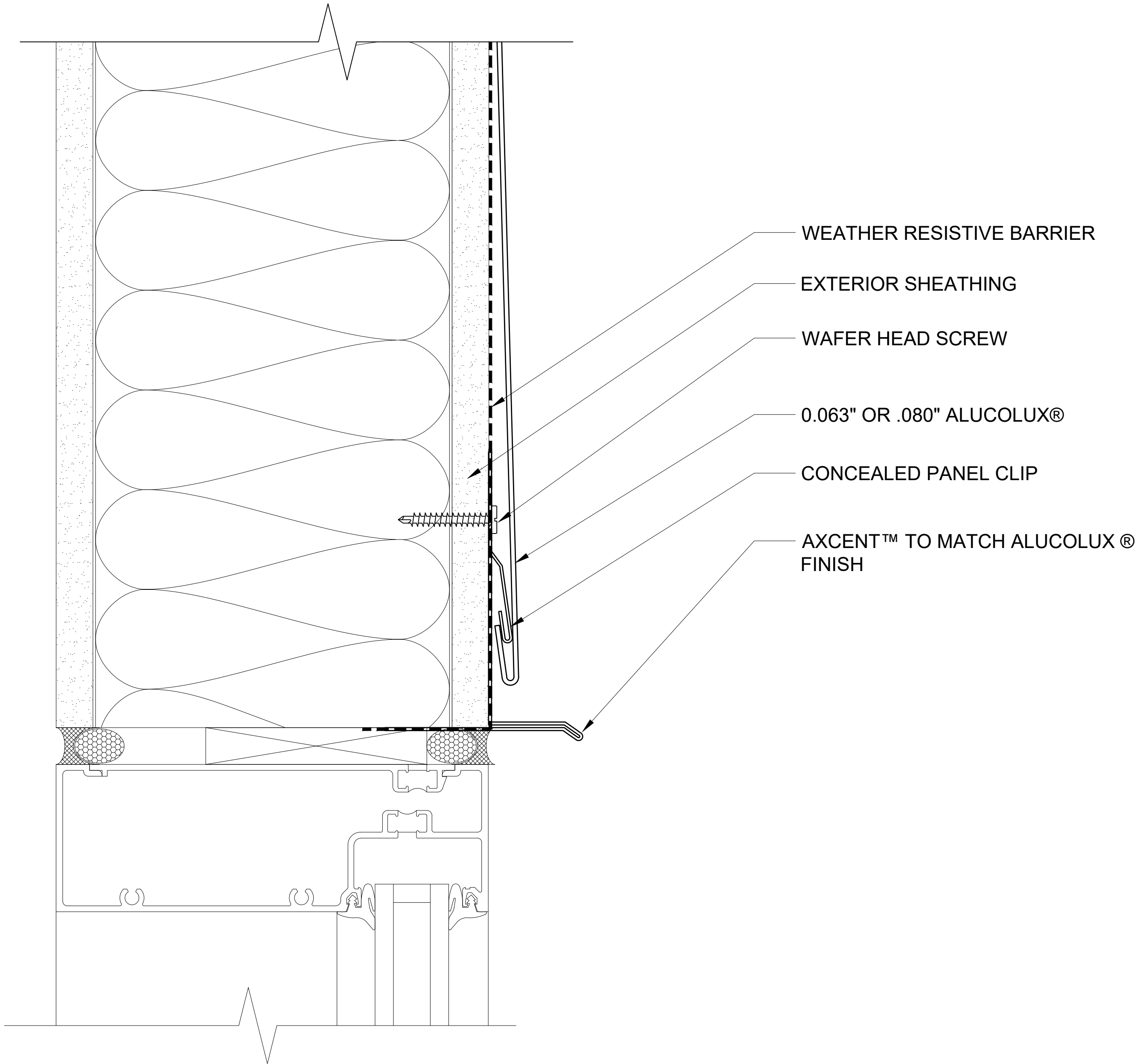


209 DRIP EDGE
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION

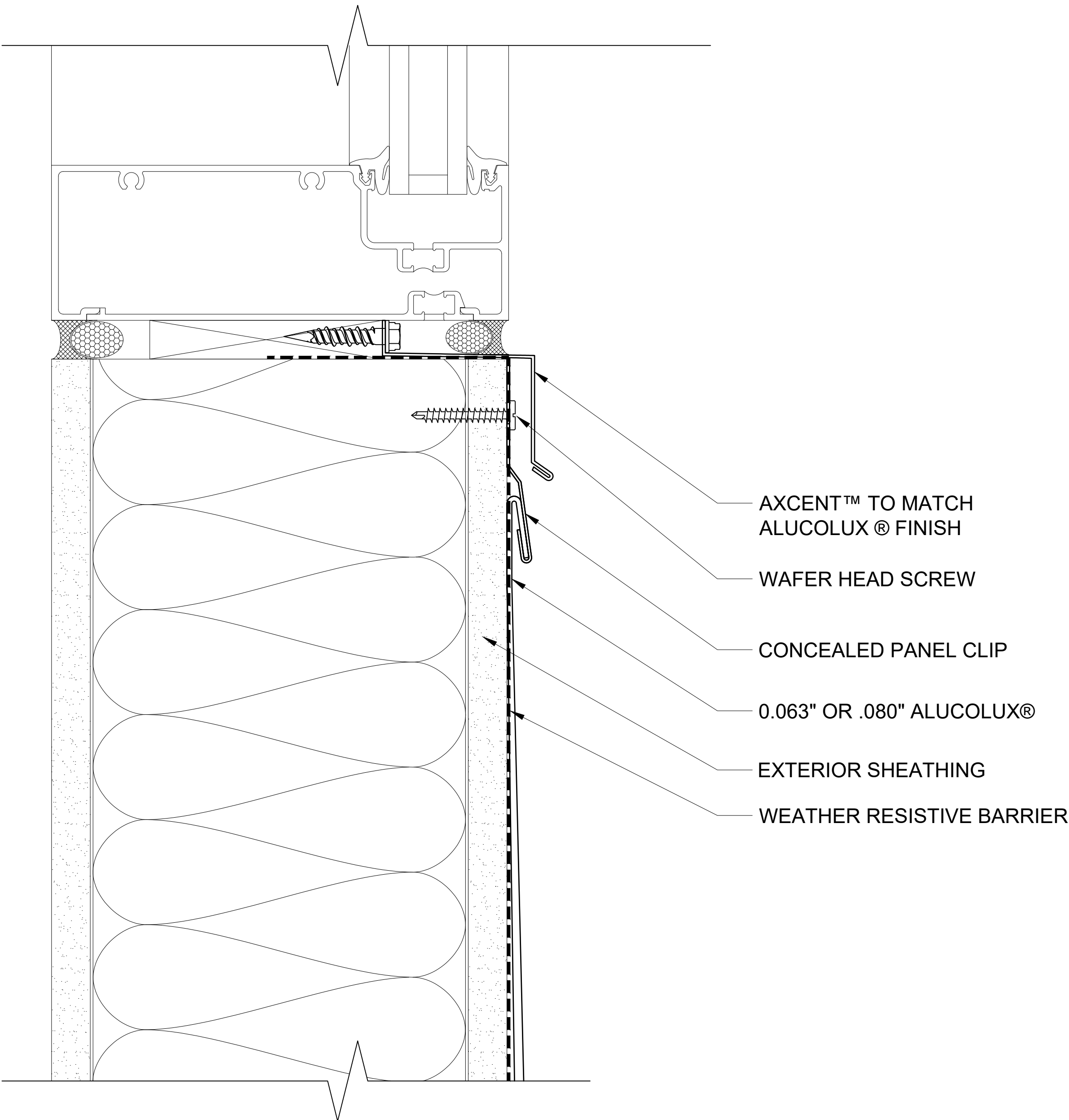


210 WINDOW HEAD
SCALE: 3" = 1' - 0"

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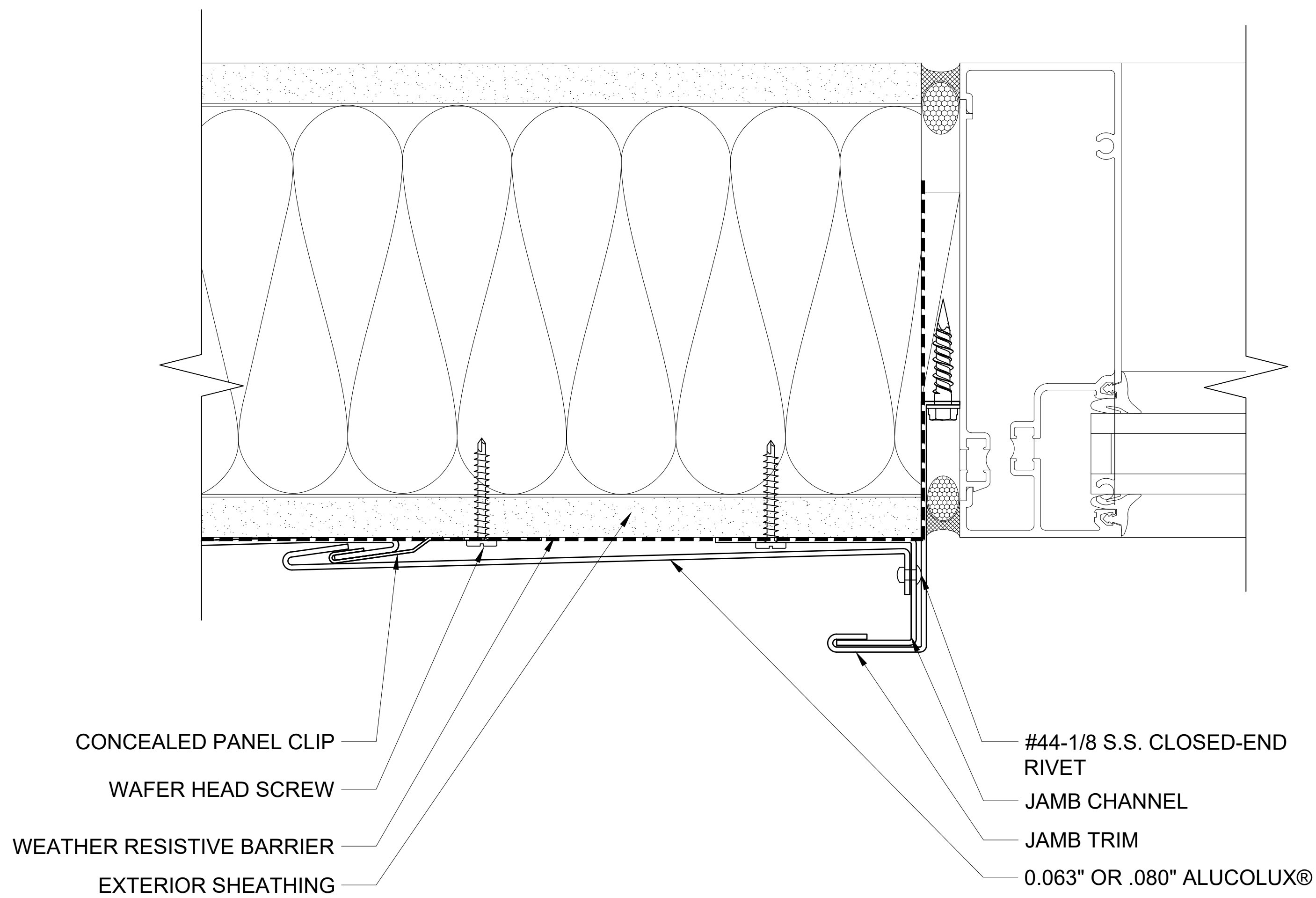


211 WINDOW SILL
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - SHEATHING WITH NO EXTERIOR INSULATION



212

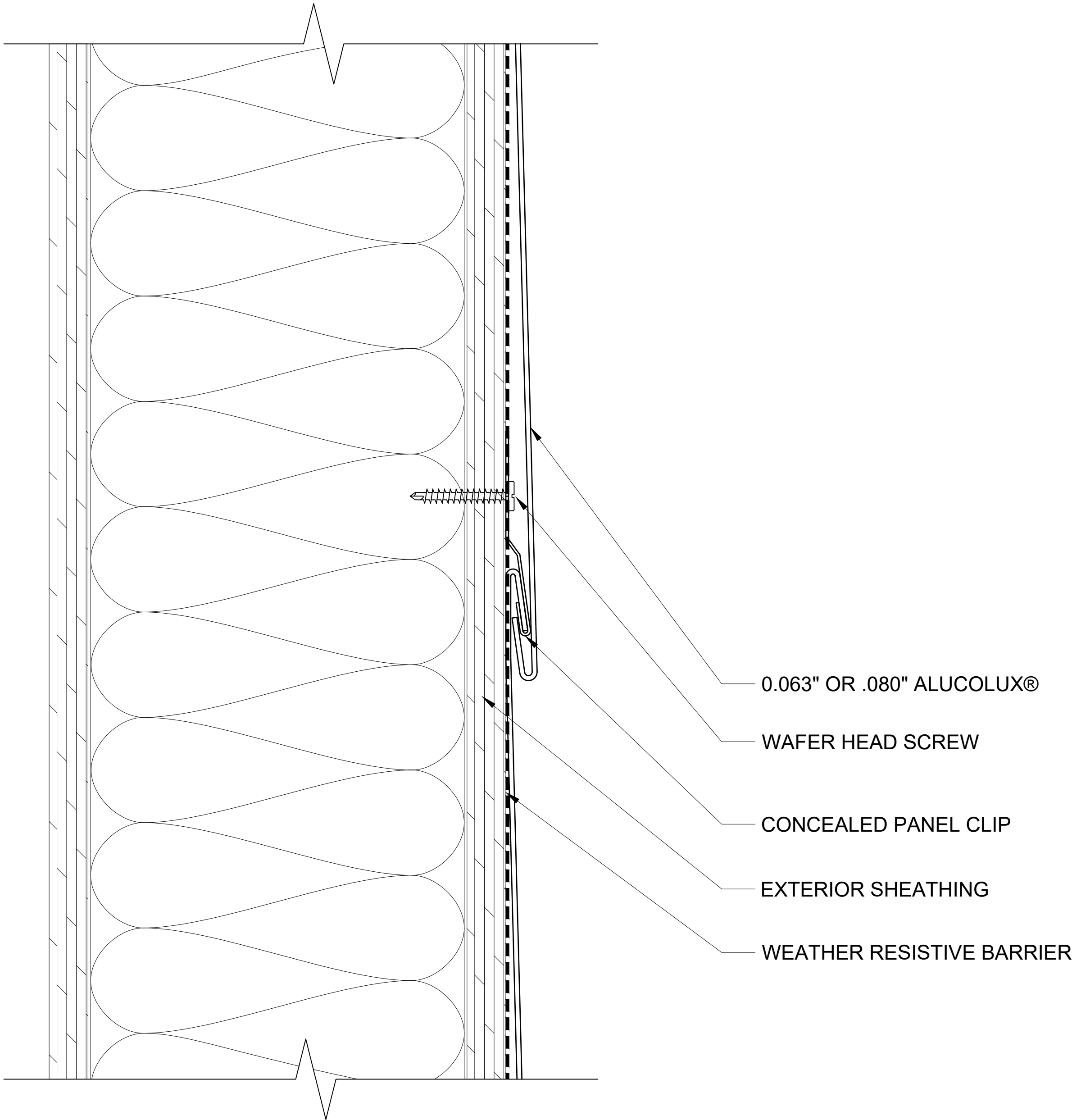
WINDOW JAMB - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

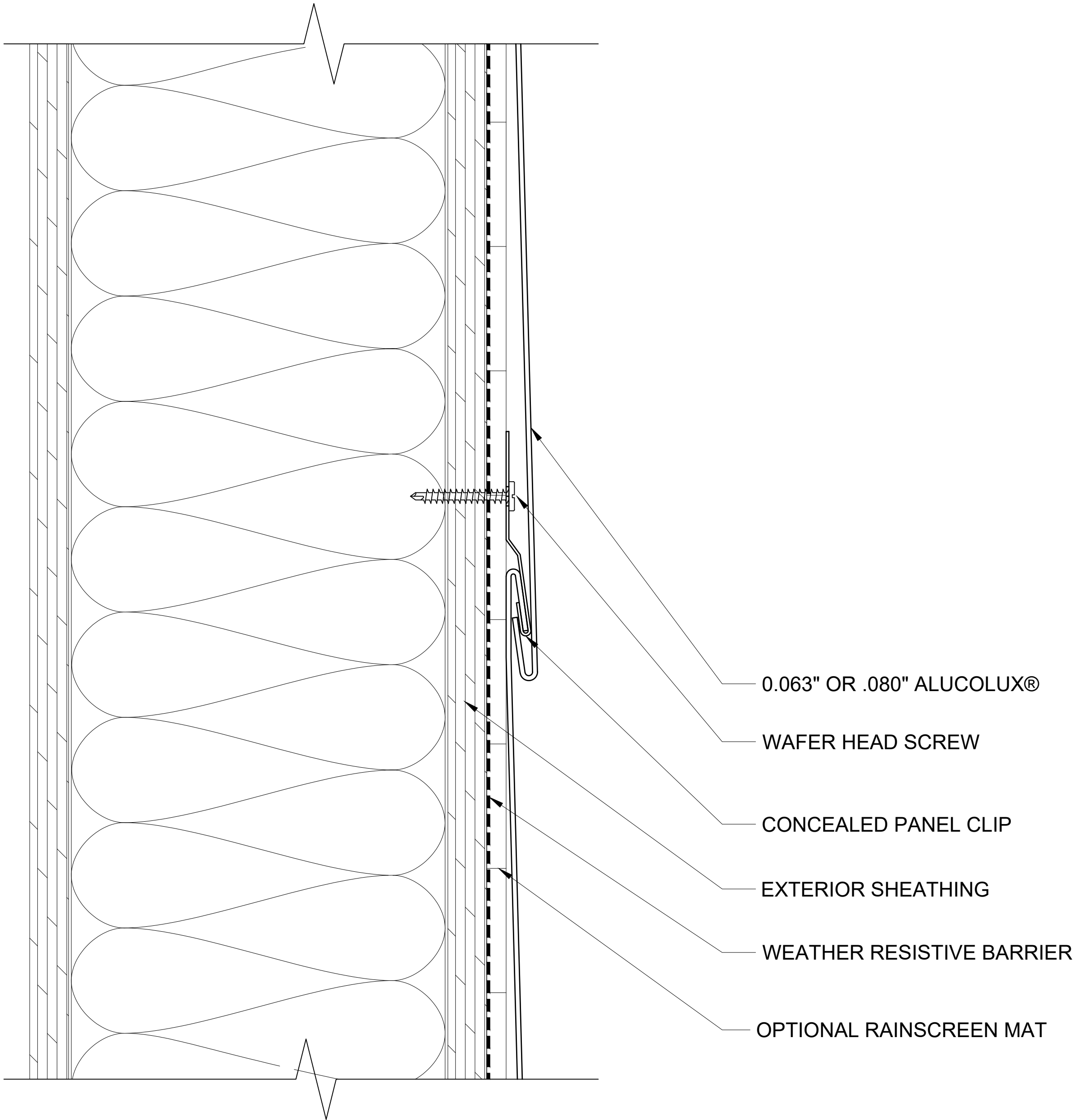


301 HORIZONTAL JOINT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

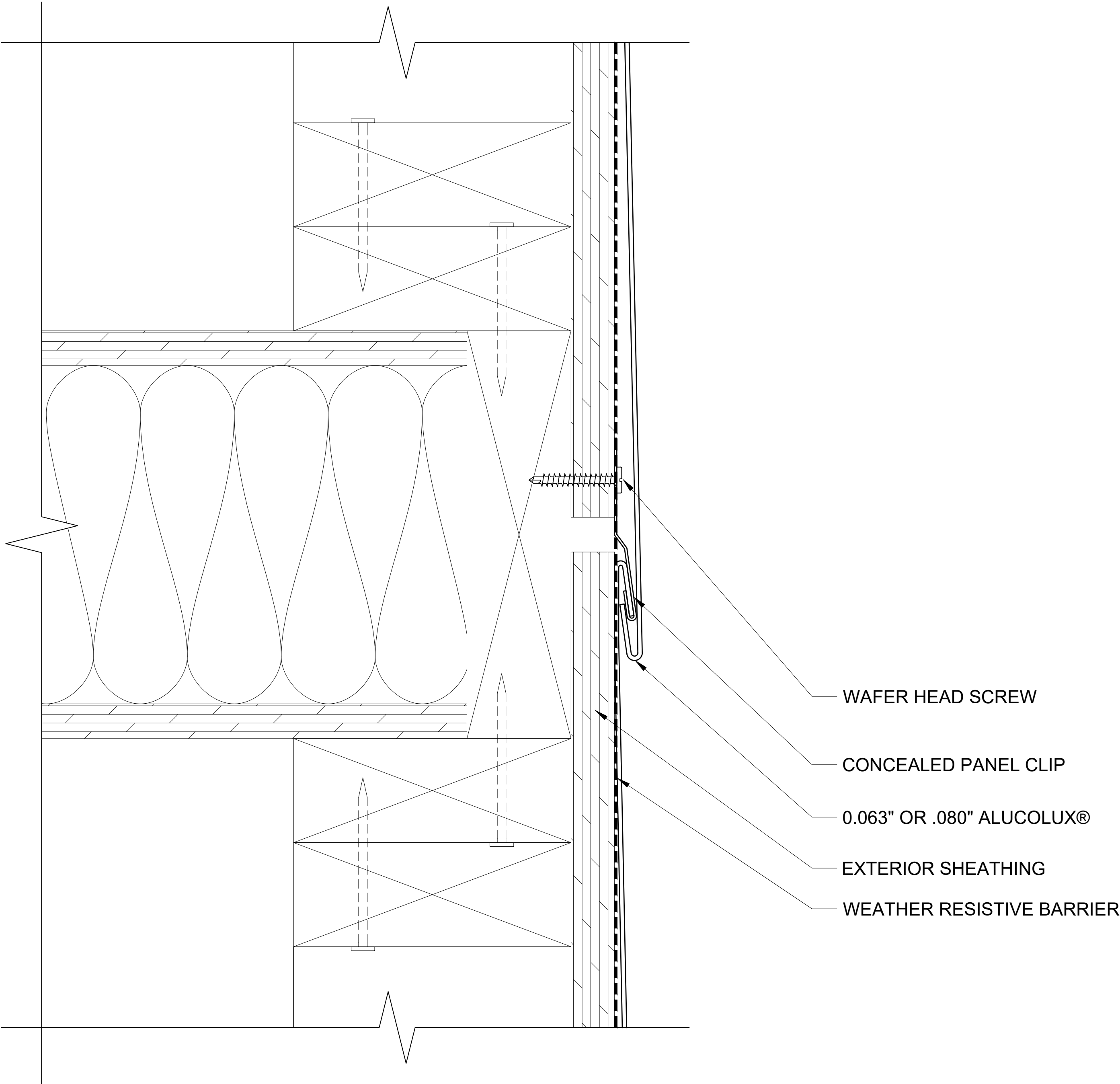


301B OPTIONAL RAINSCREEN MAT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

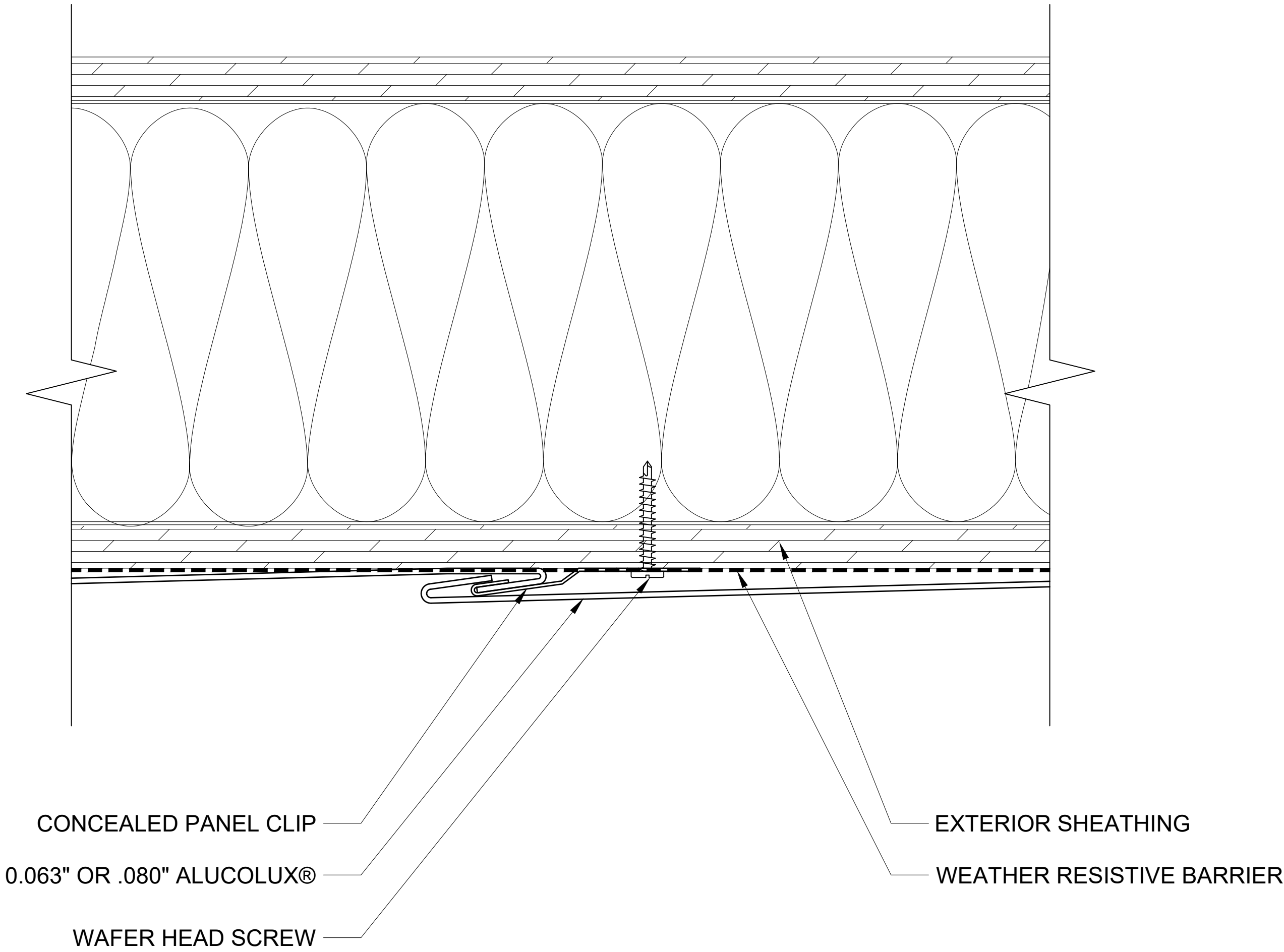


302 HORIZONTAL JOINT FLOORLINE
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

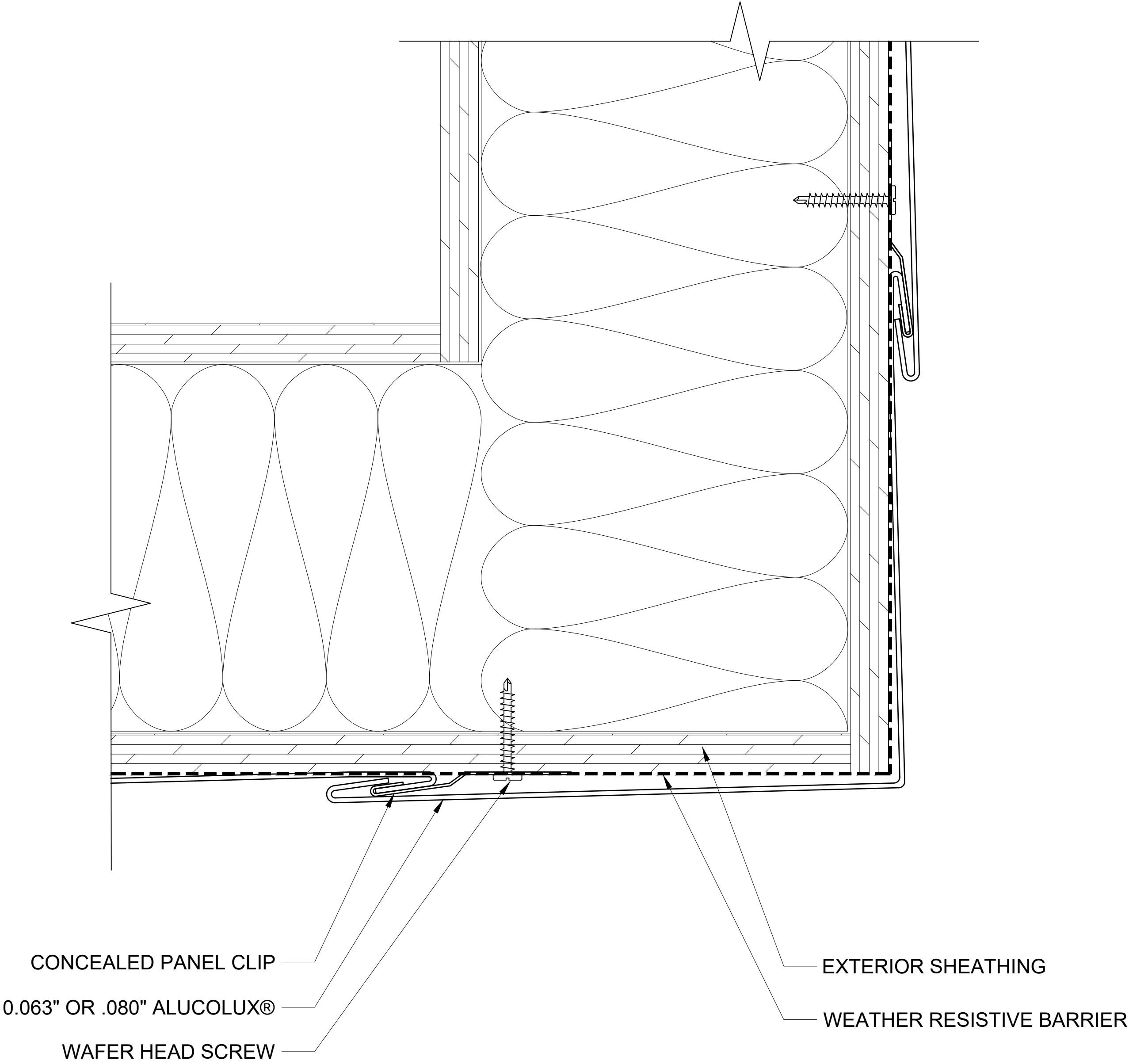


303 VERTICAL JOINT - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

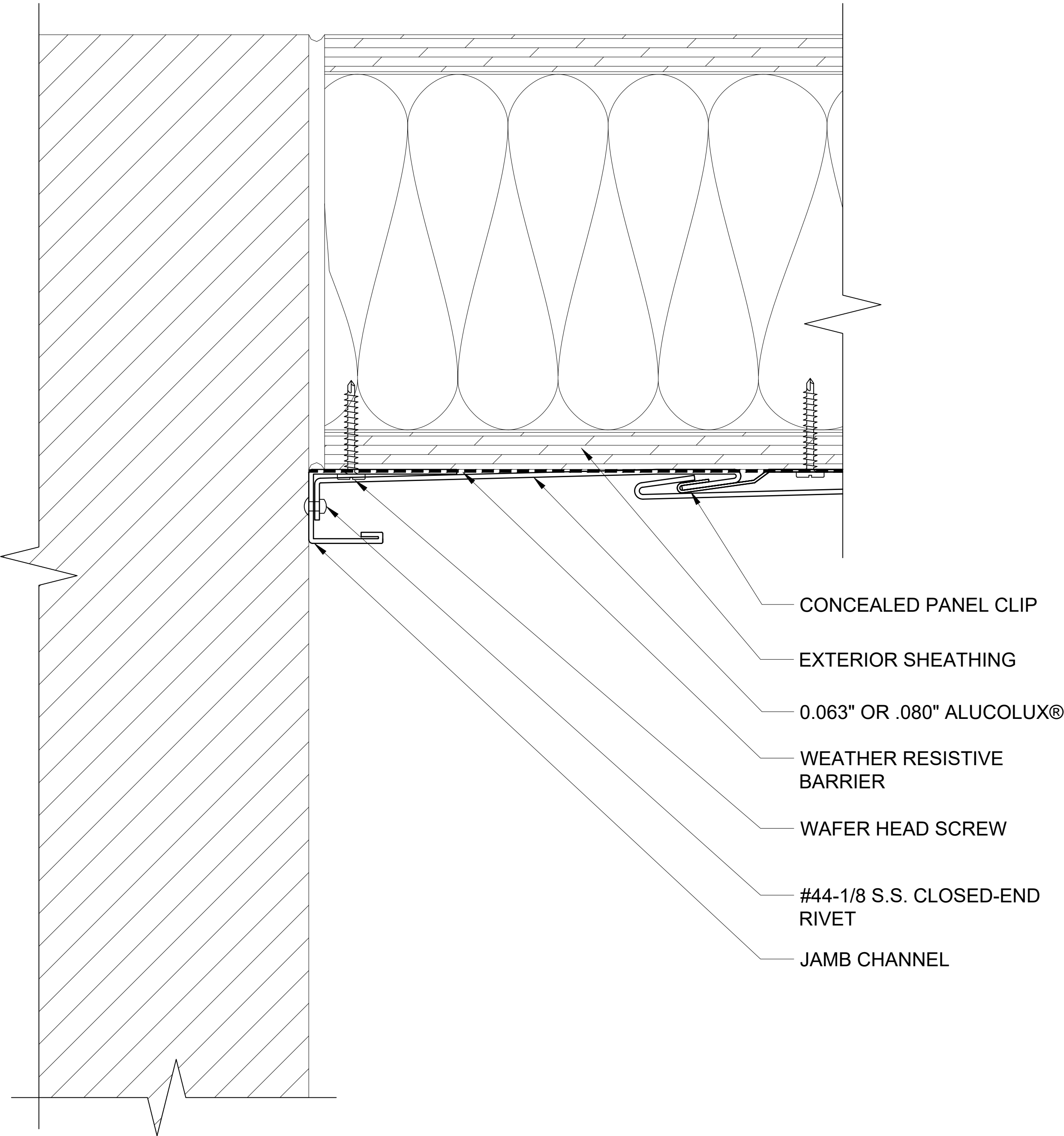


304 WALL TO SOFFIT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

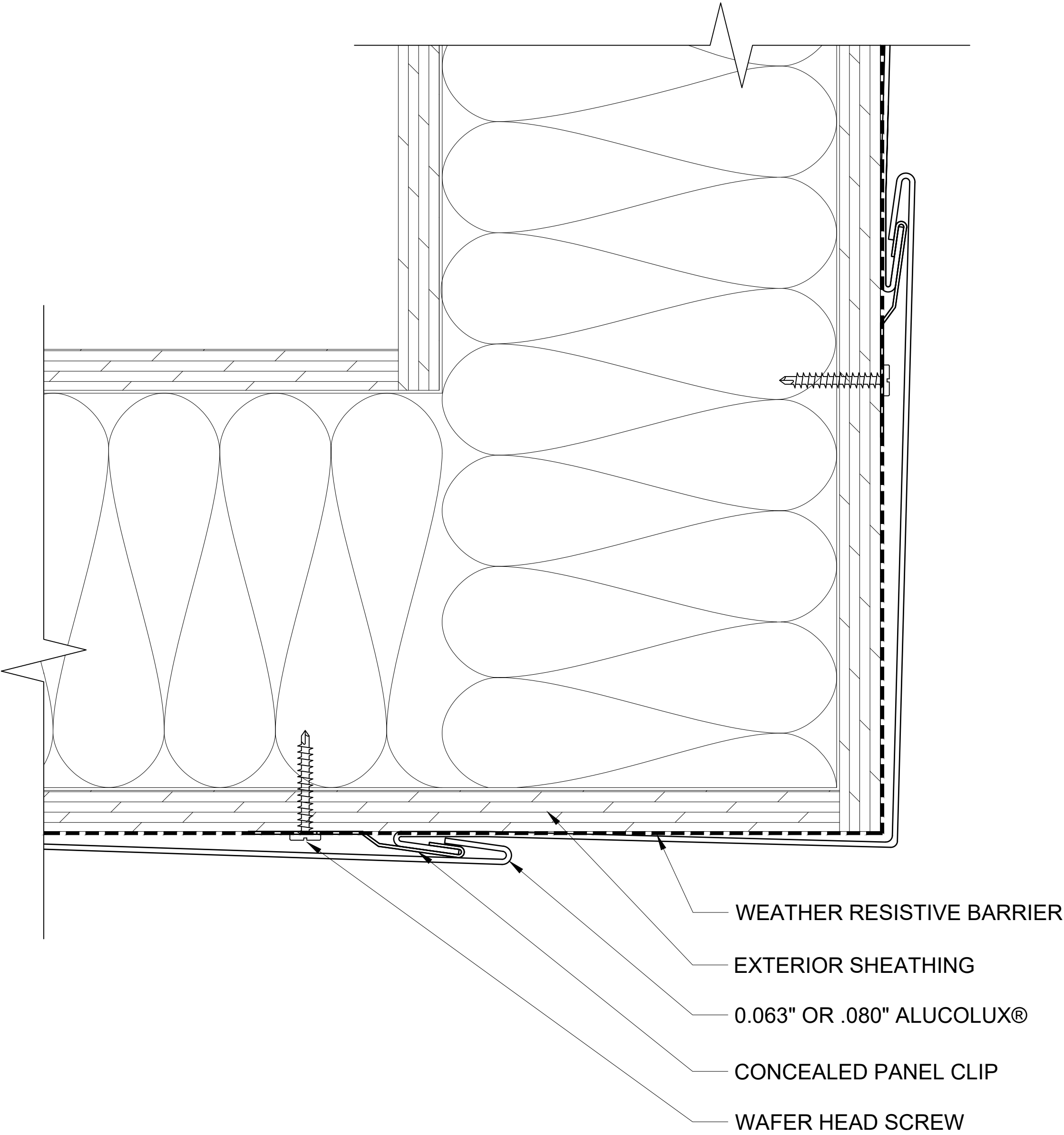


305 END WALL - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

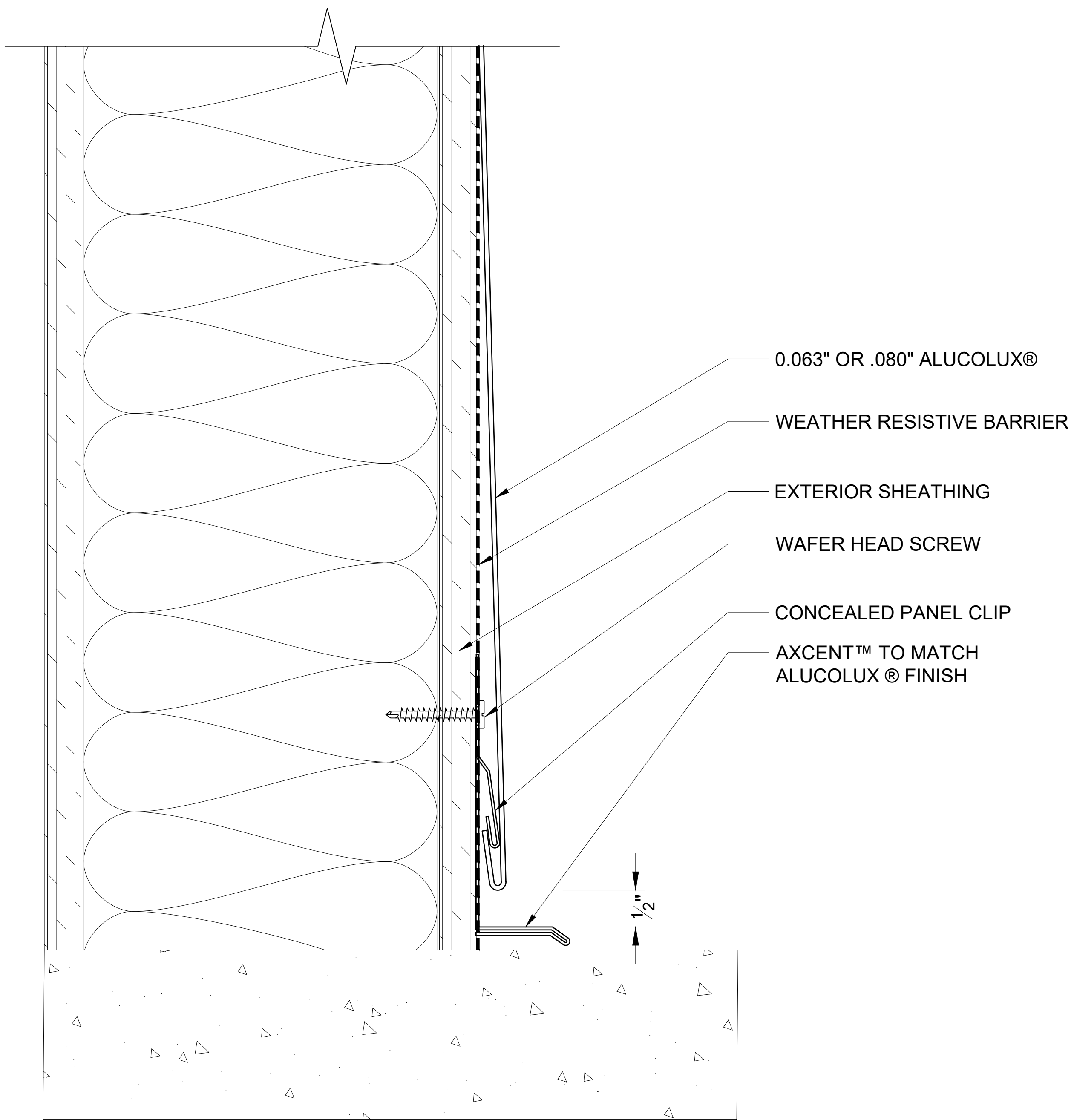


306 OUTSIDE CORNER - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

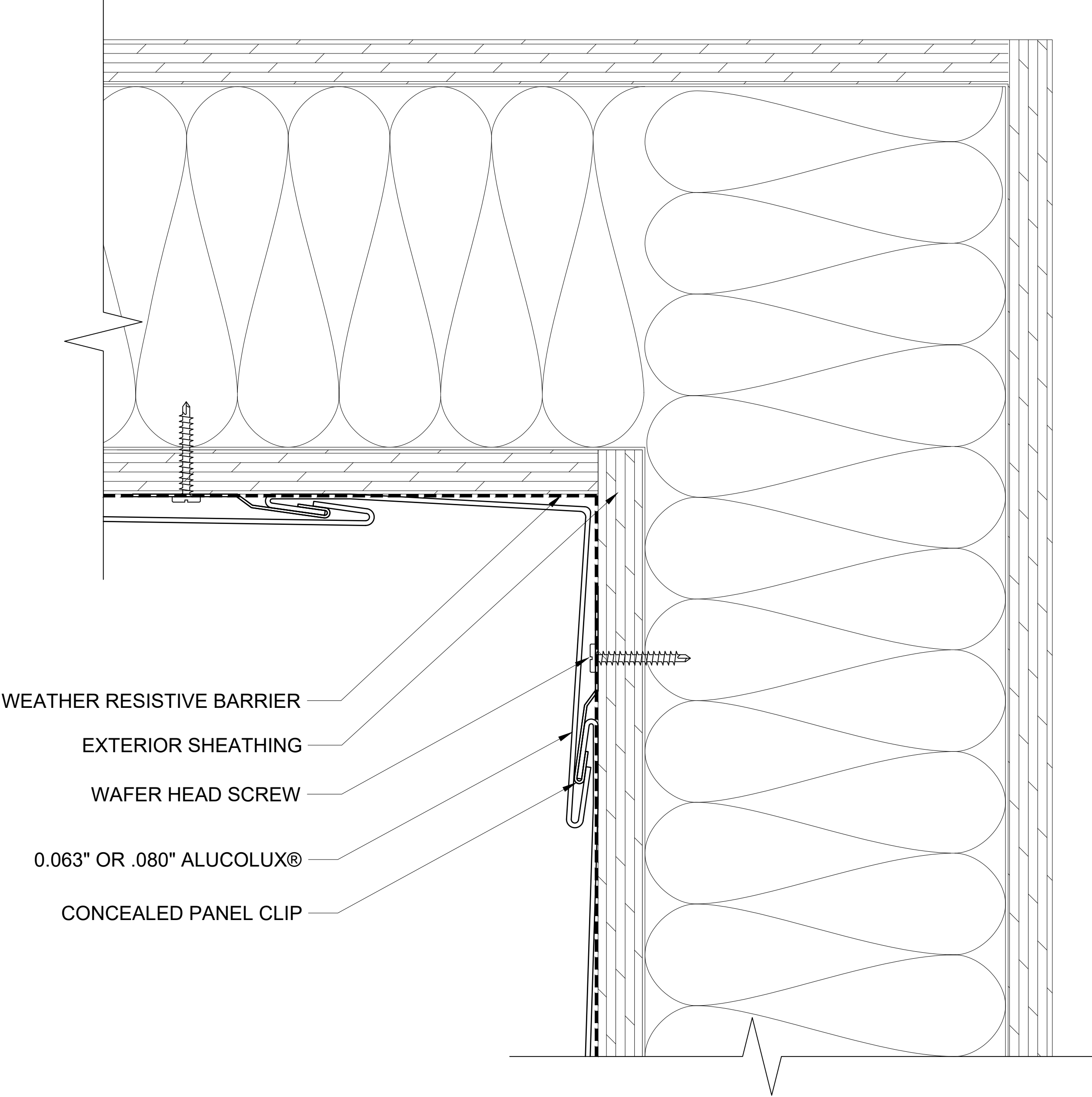


307 BASE
SCALE: 3" = 1' - 0"

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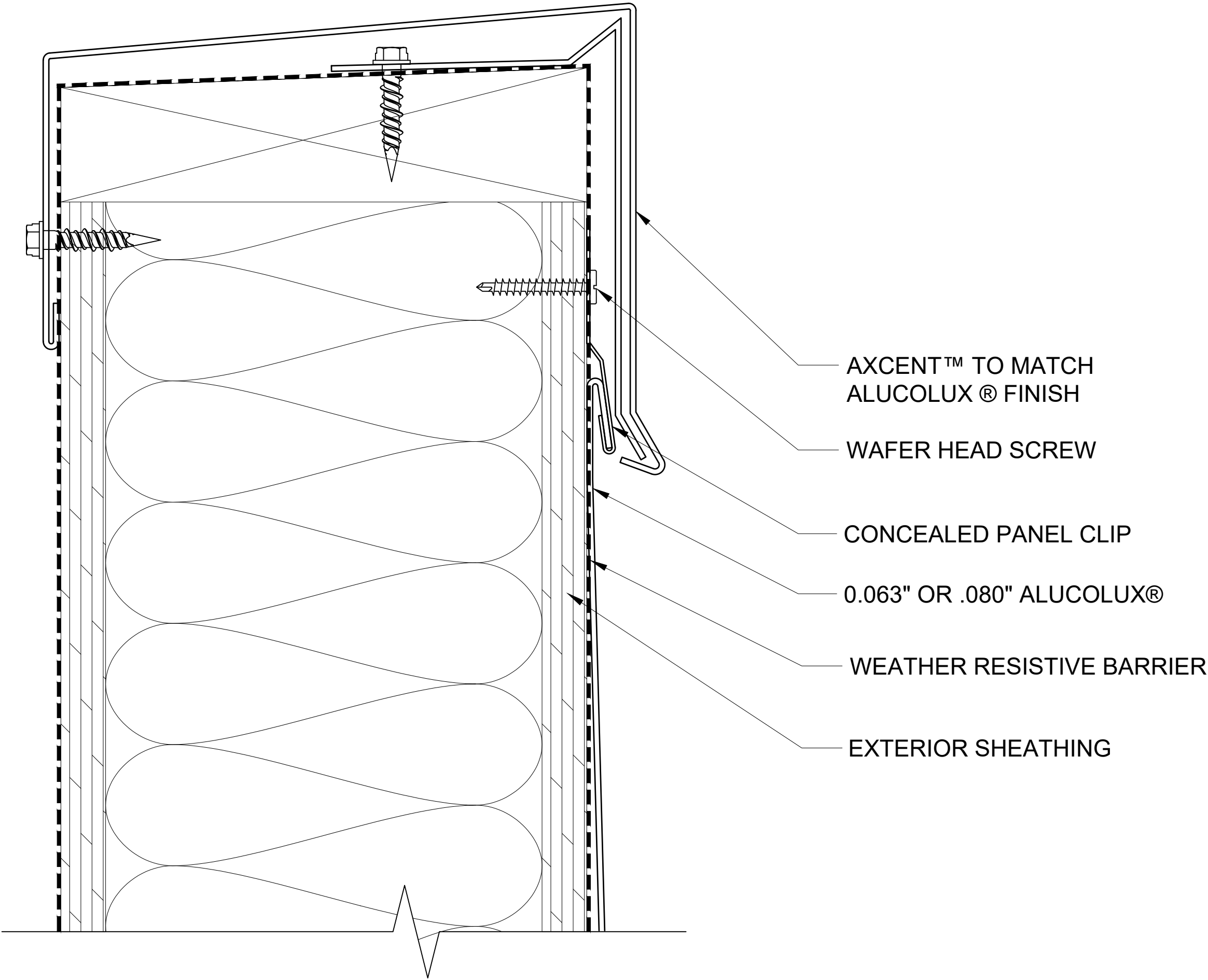


308 INSIDE CORNER - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

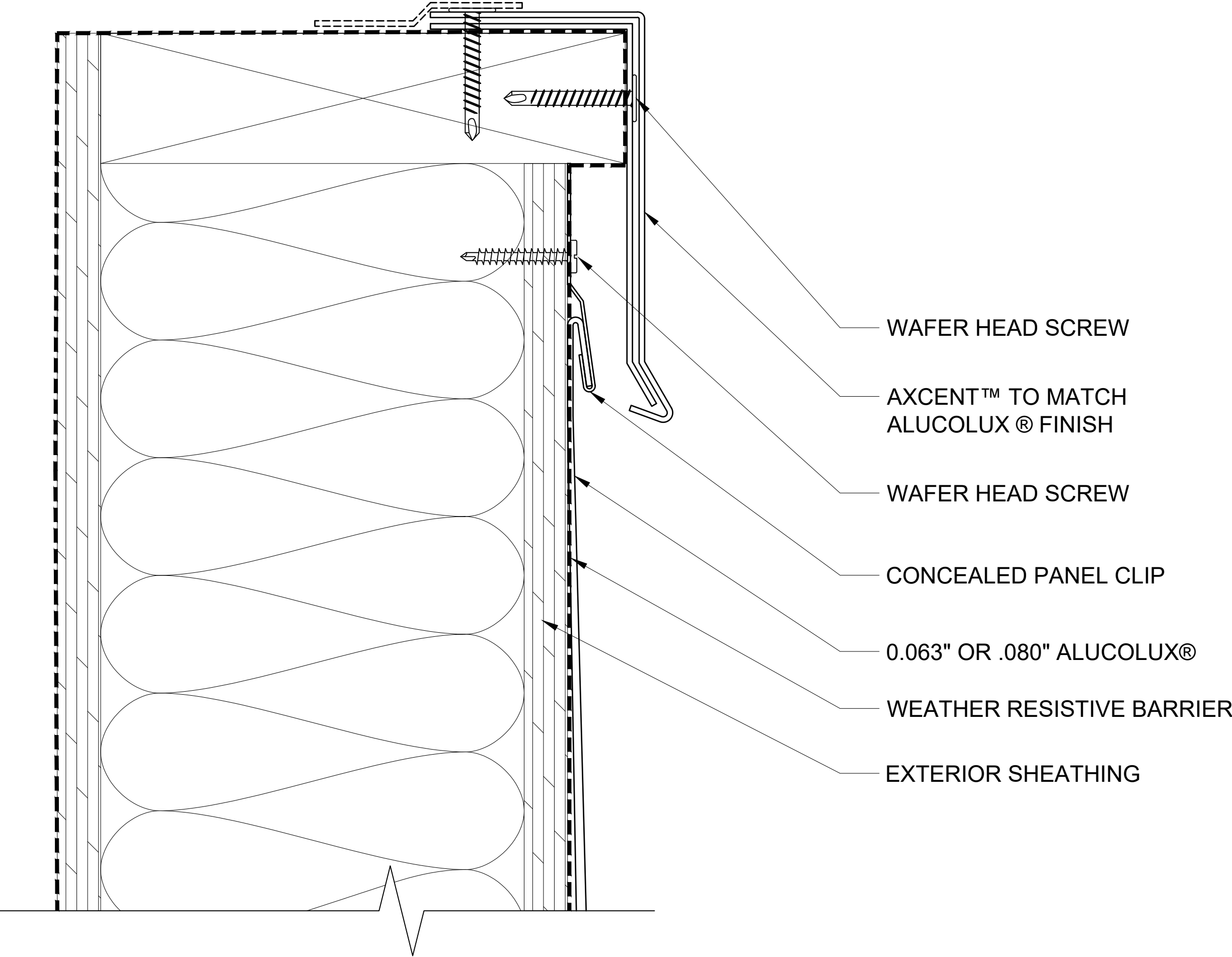


309 COPING
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

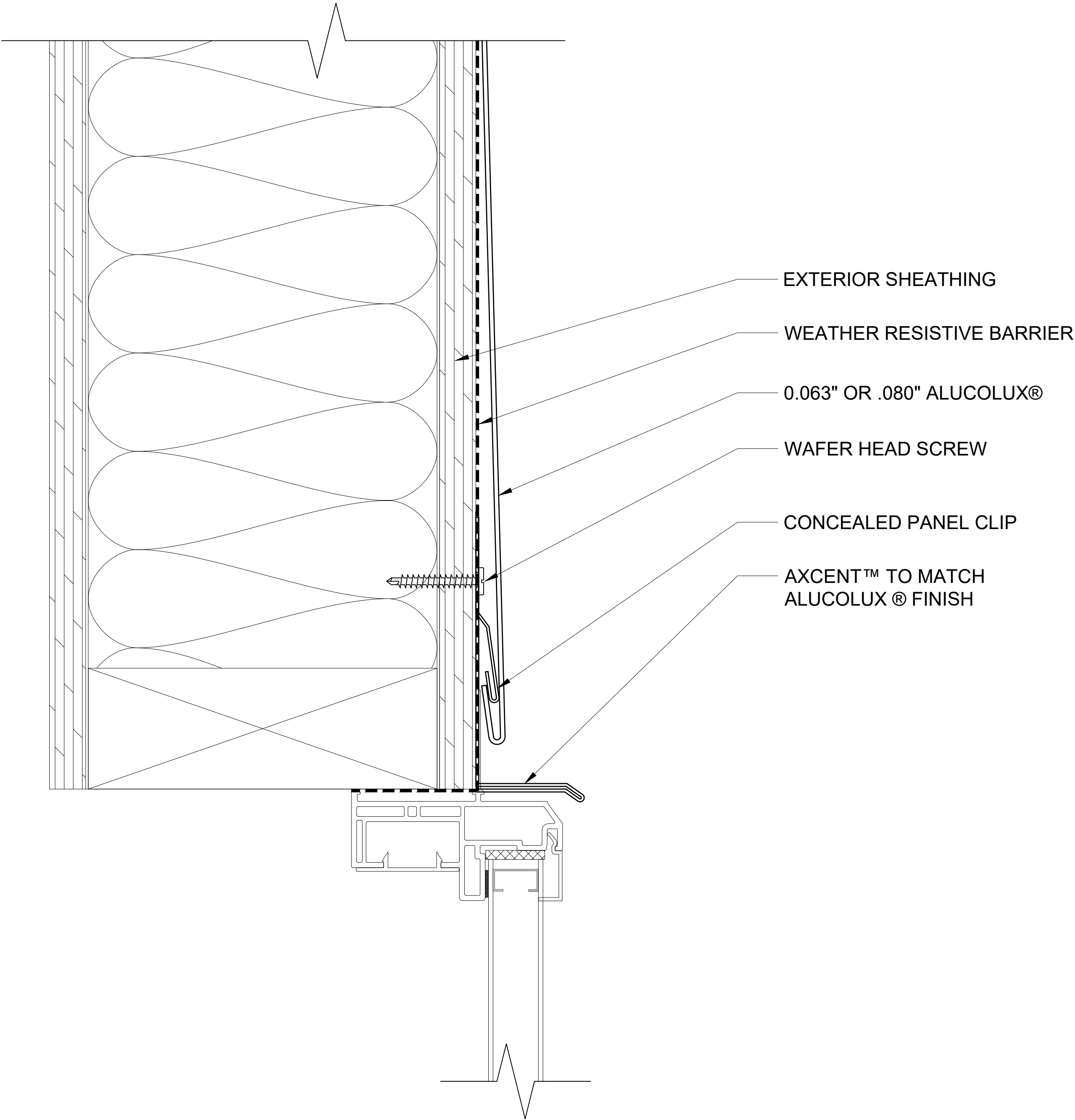


310 DRIP EDGE
SCALE: 3" = 1' - 0"

ALUCOLUX[®]

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

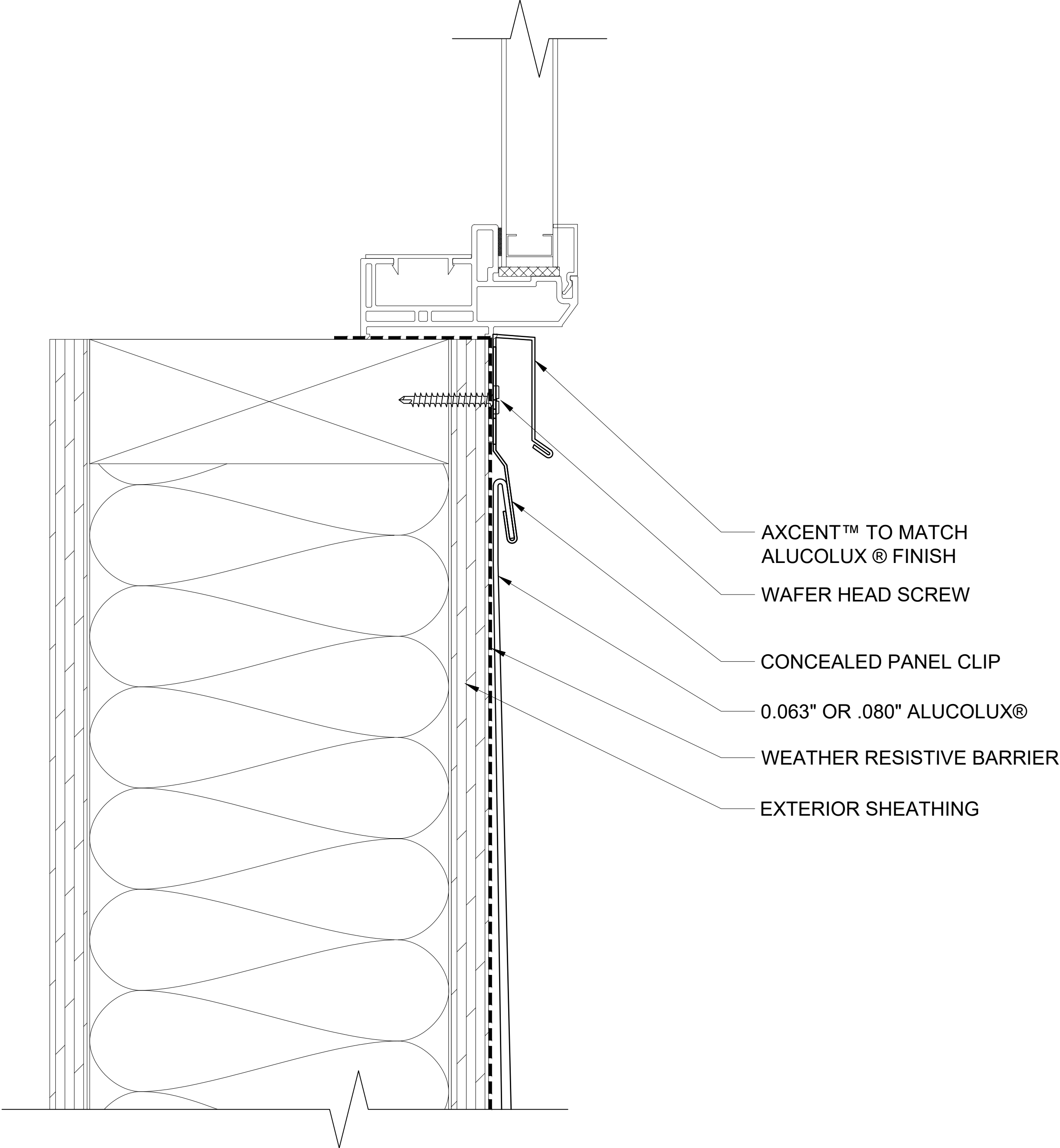


311 WINDOW HEAD
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

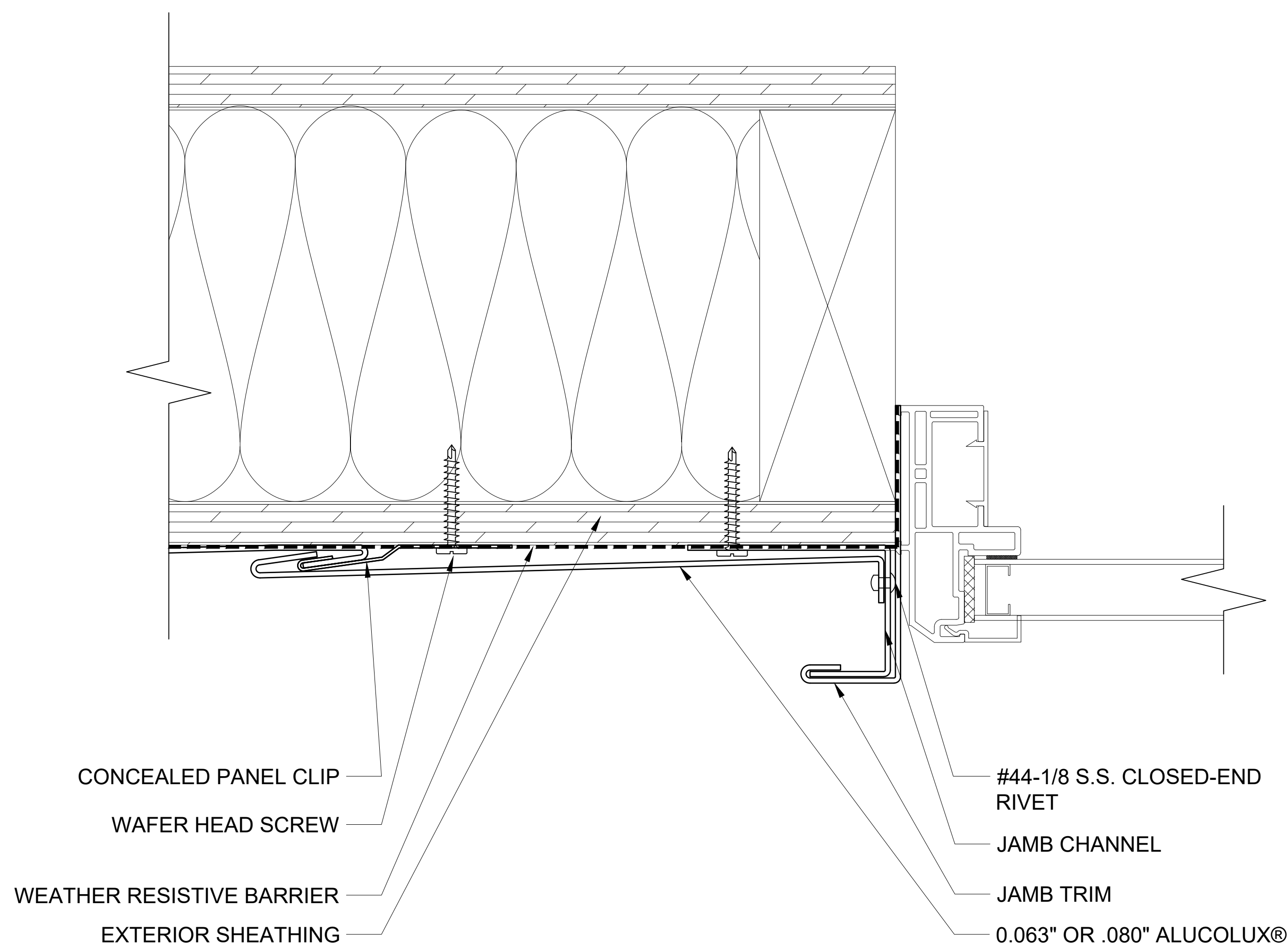


312 WINDOW SILL
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - WOOD FRAMED

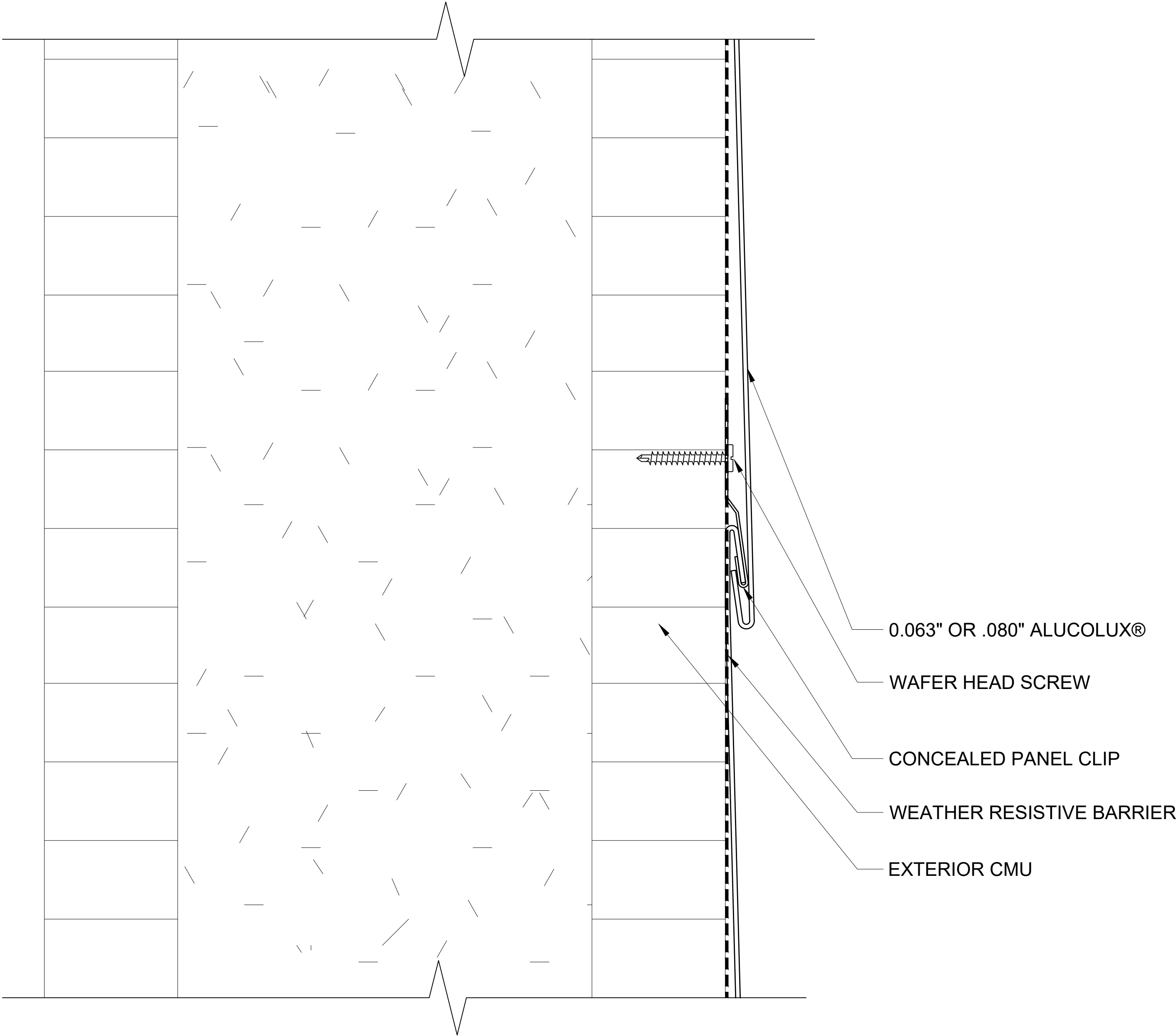


313 WINDOW JAMB - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU

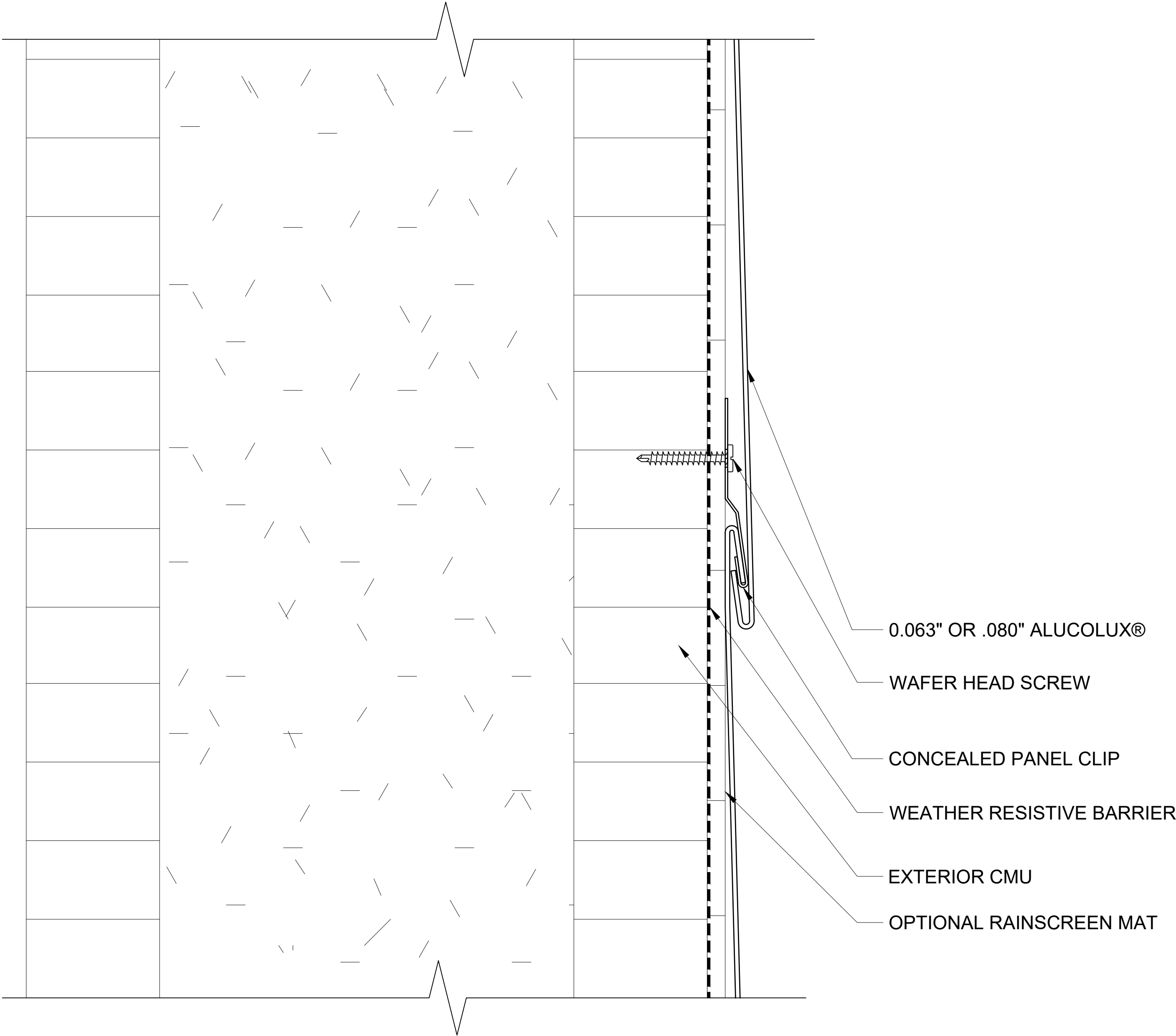


401 HORIZONTAL JOINT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU



401B

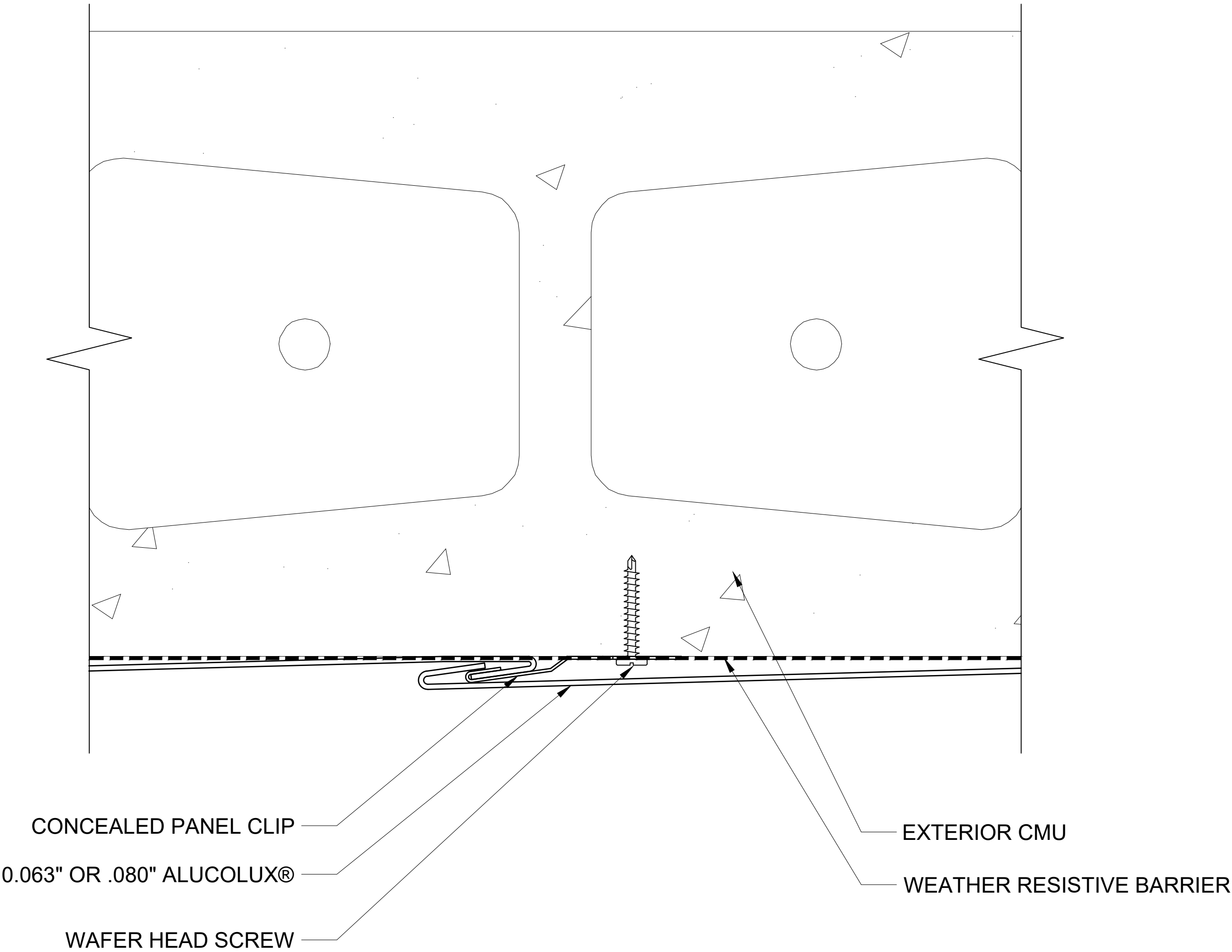
OPTIONAL RAINSCREEN MAT

SCALE: 3" = 1' - 0"

ALUCOLUX®

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FLAT LOCK PANEL SYSTEM - CMU



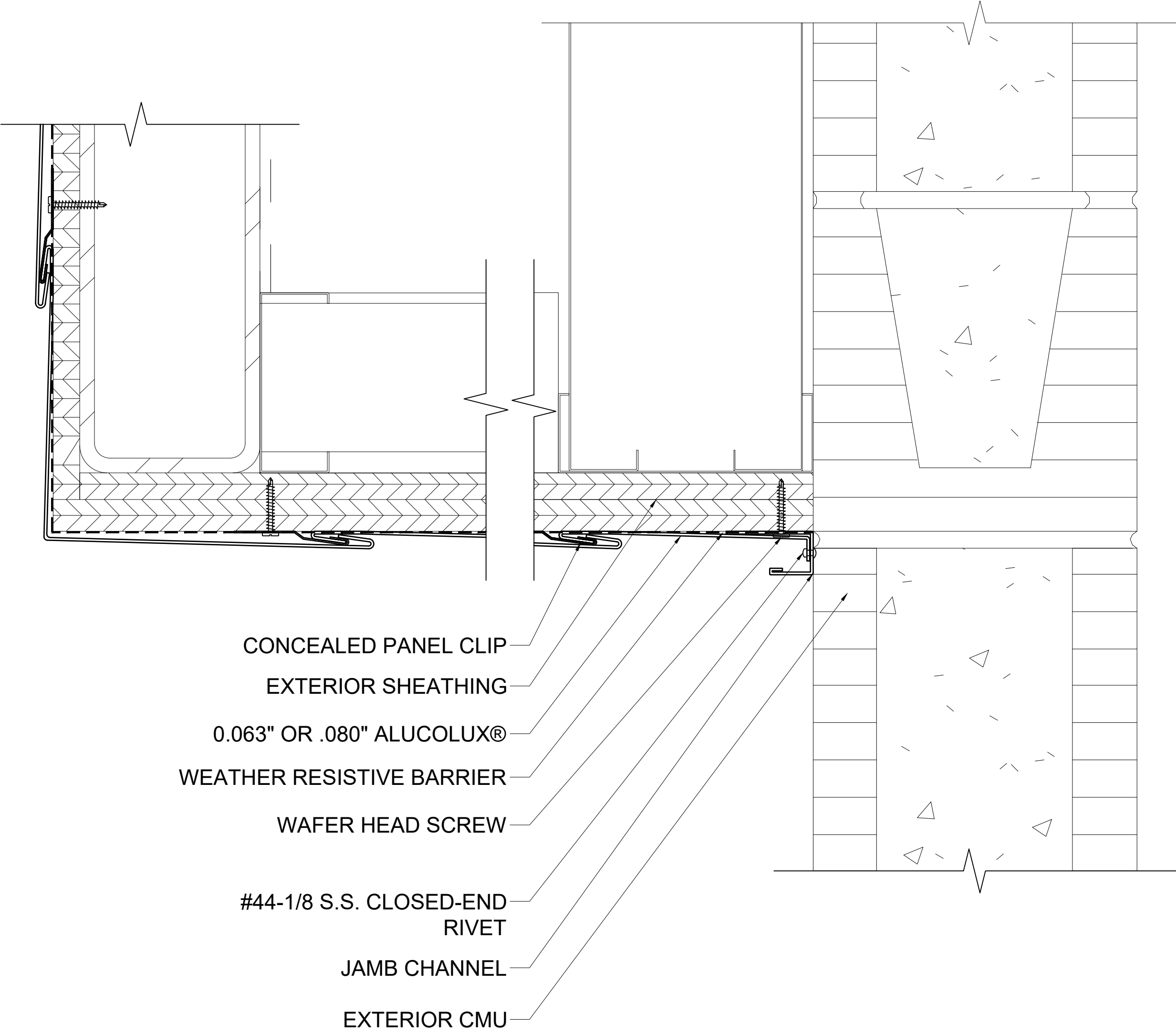
402 VERTICAL JOINT

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU

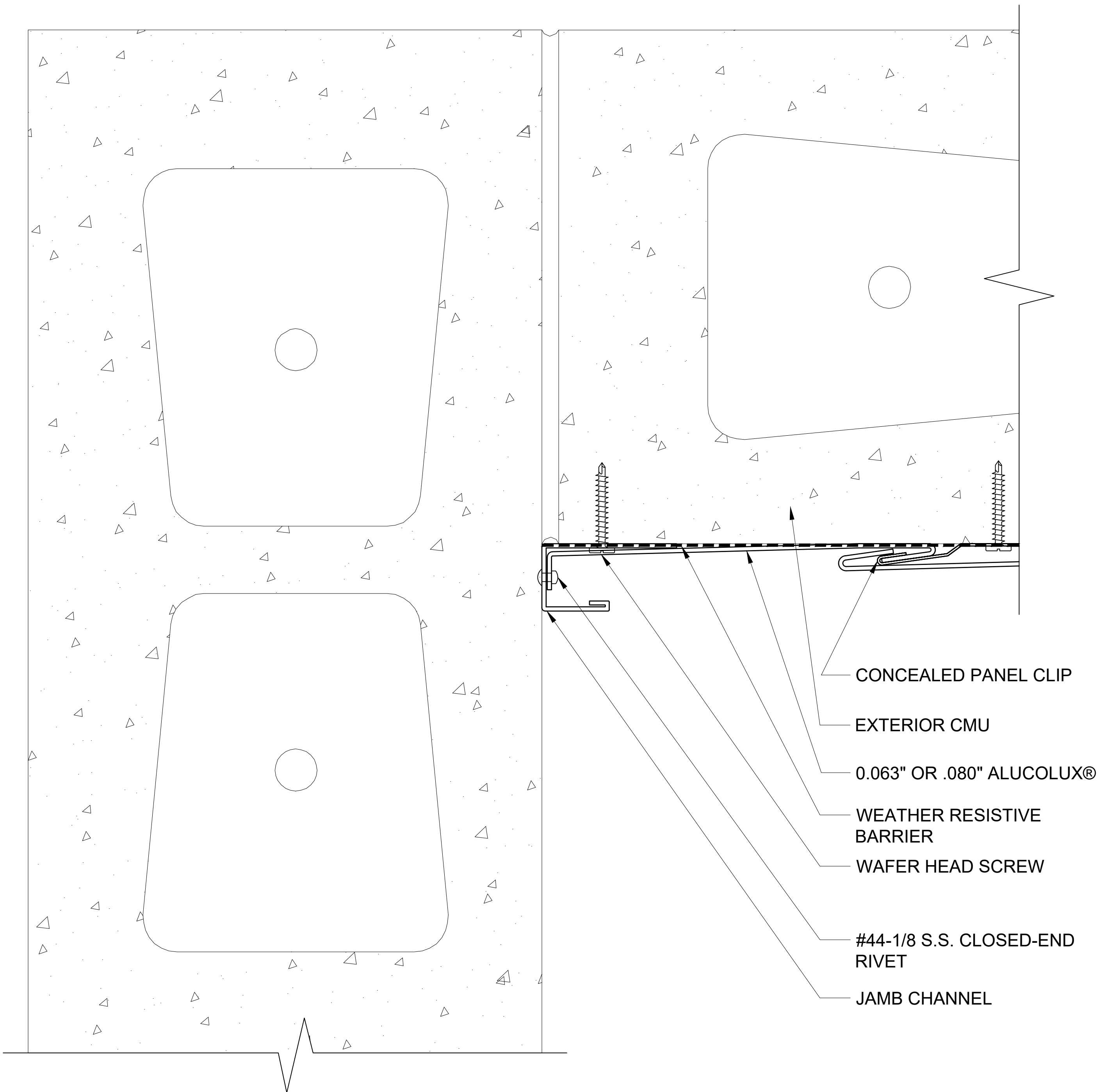


403 WALL TO SOFFIT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU

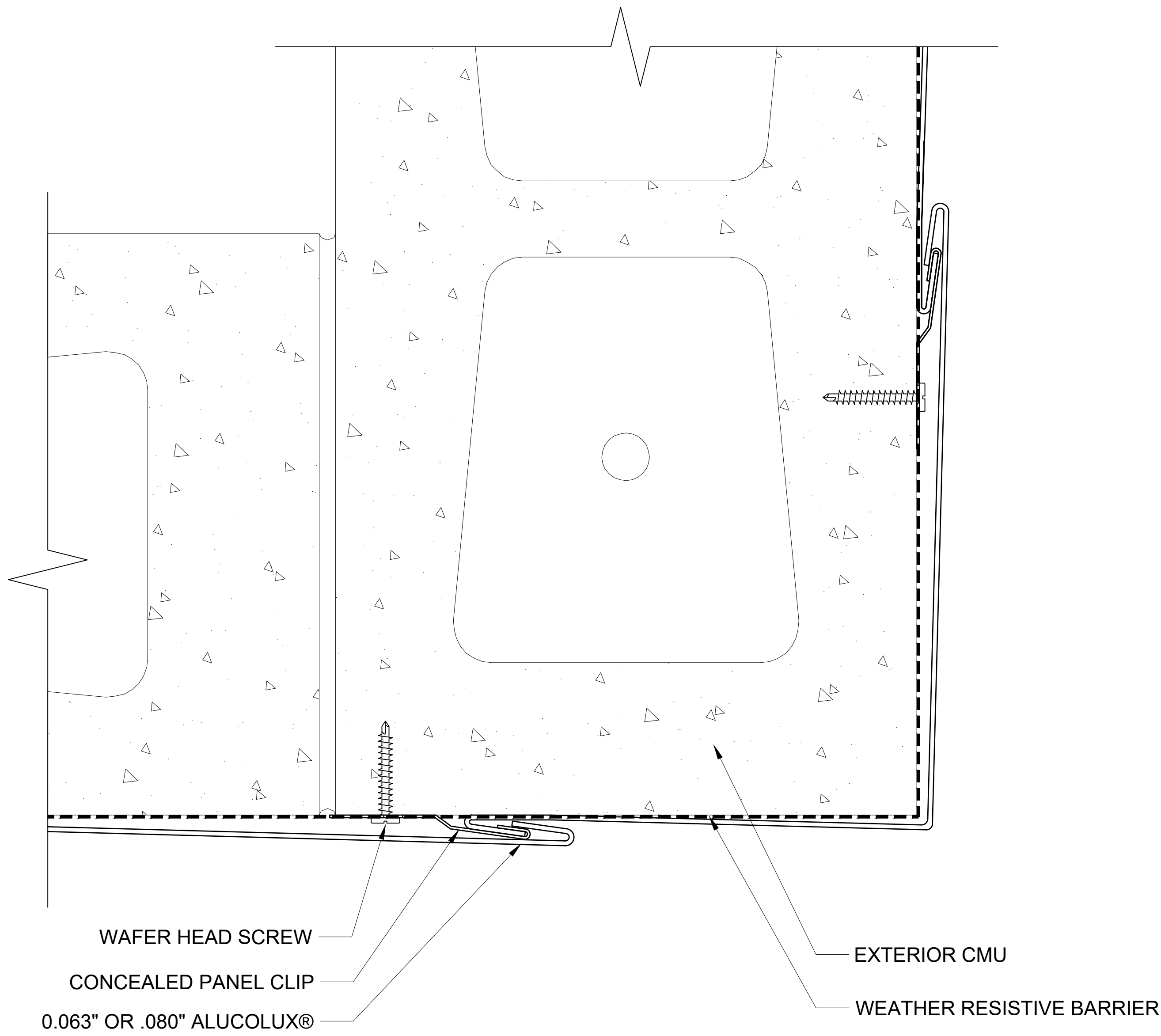


404 END WALL - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU

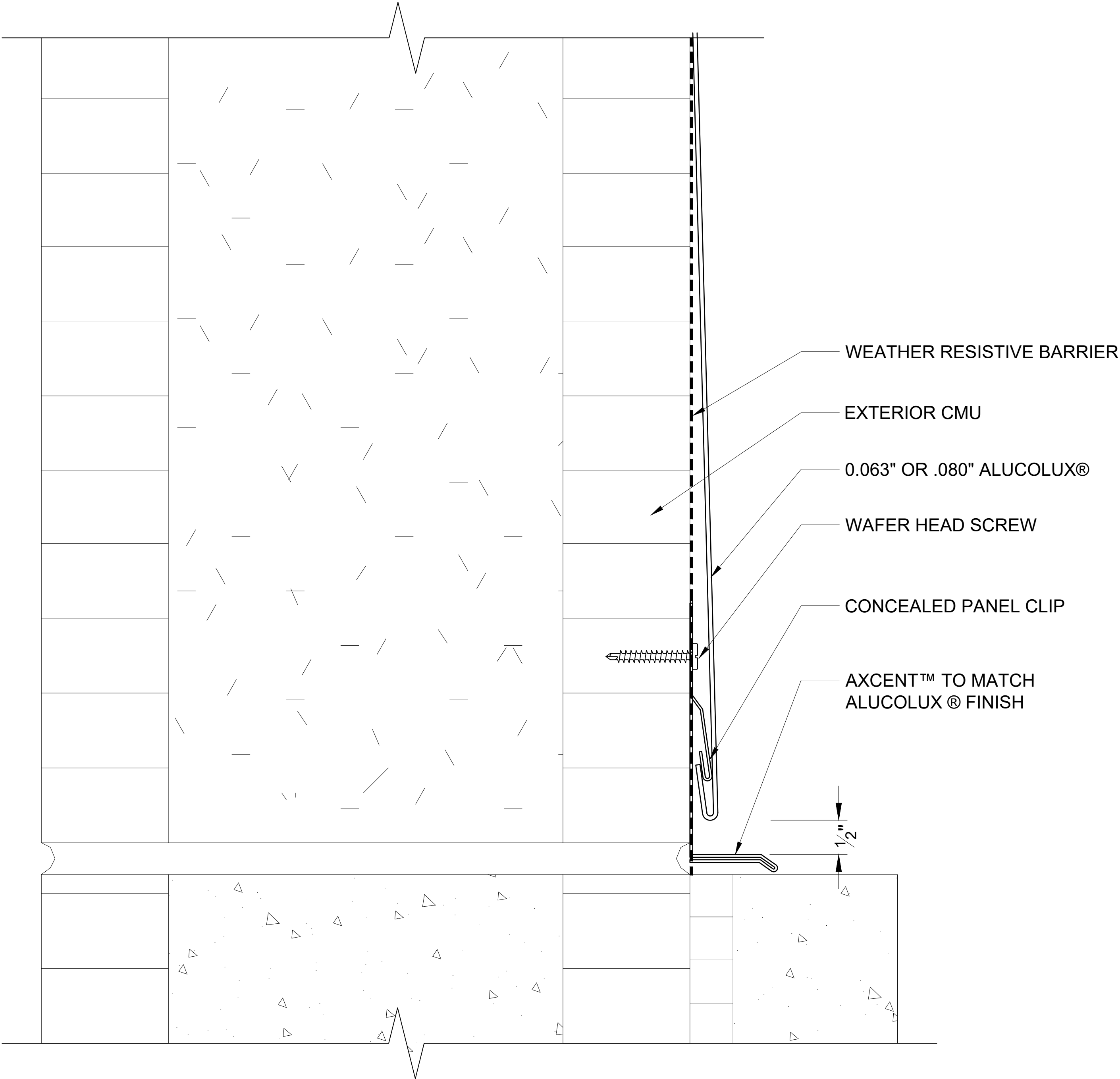


405 OUTSIDE CORNER - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU

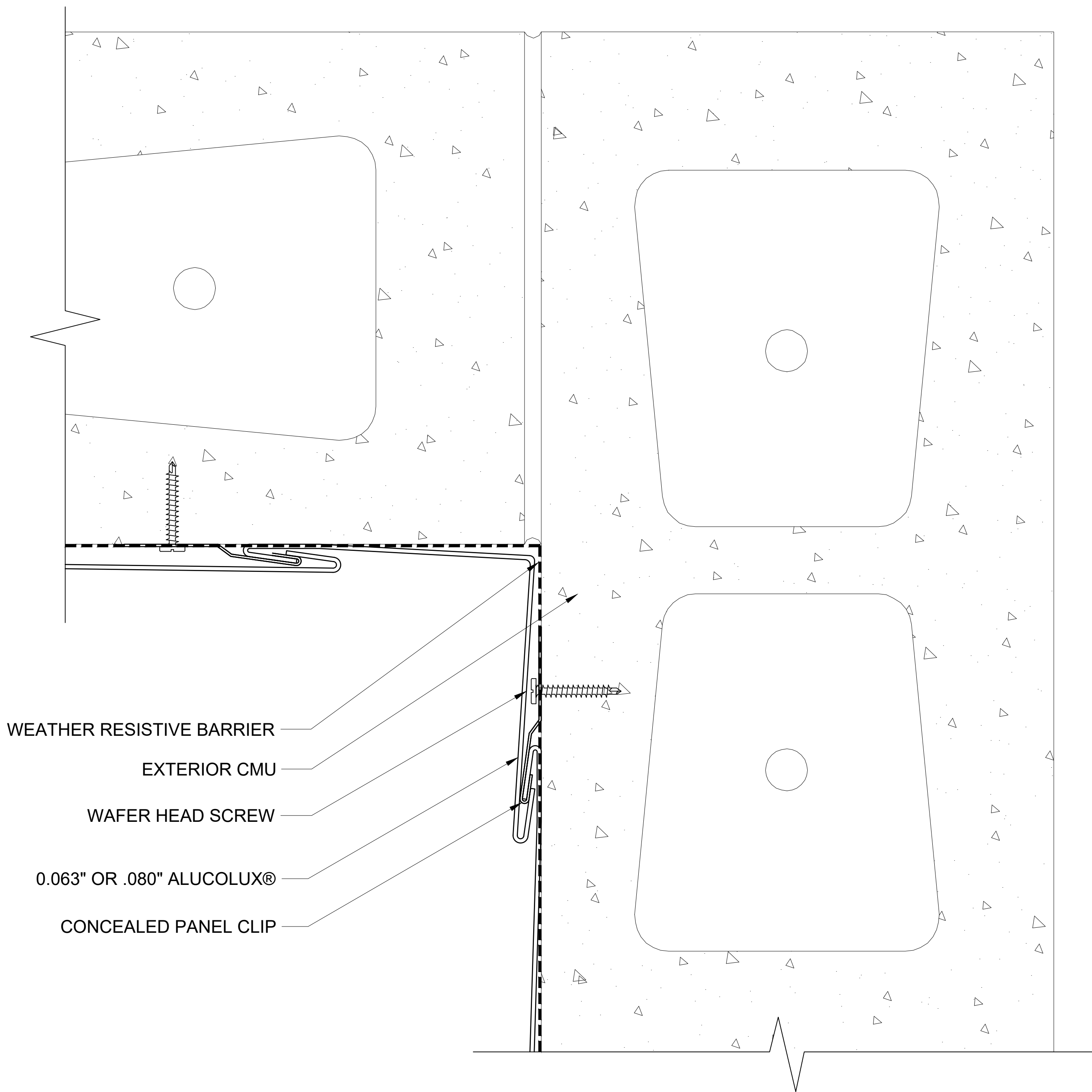


406 BASE
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU



407

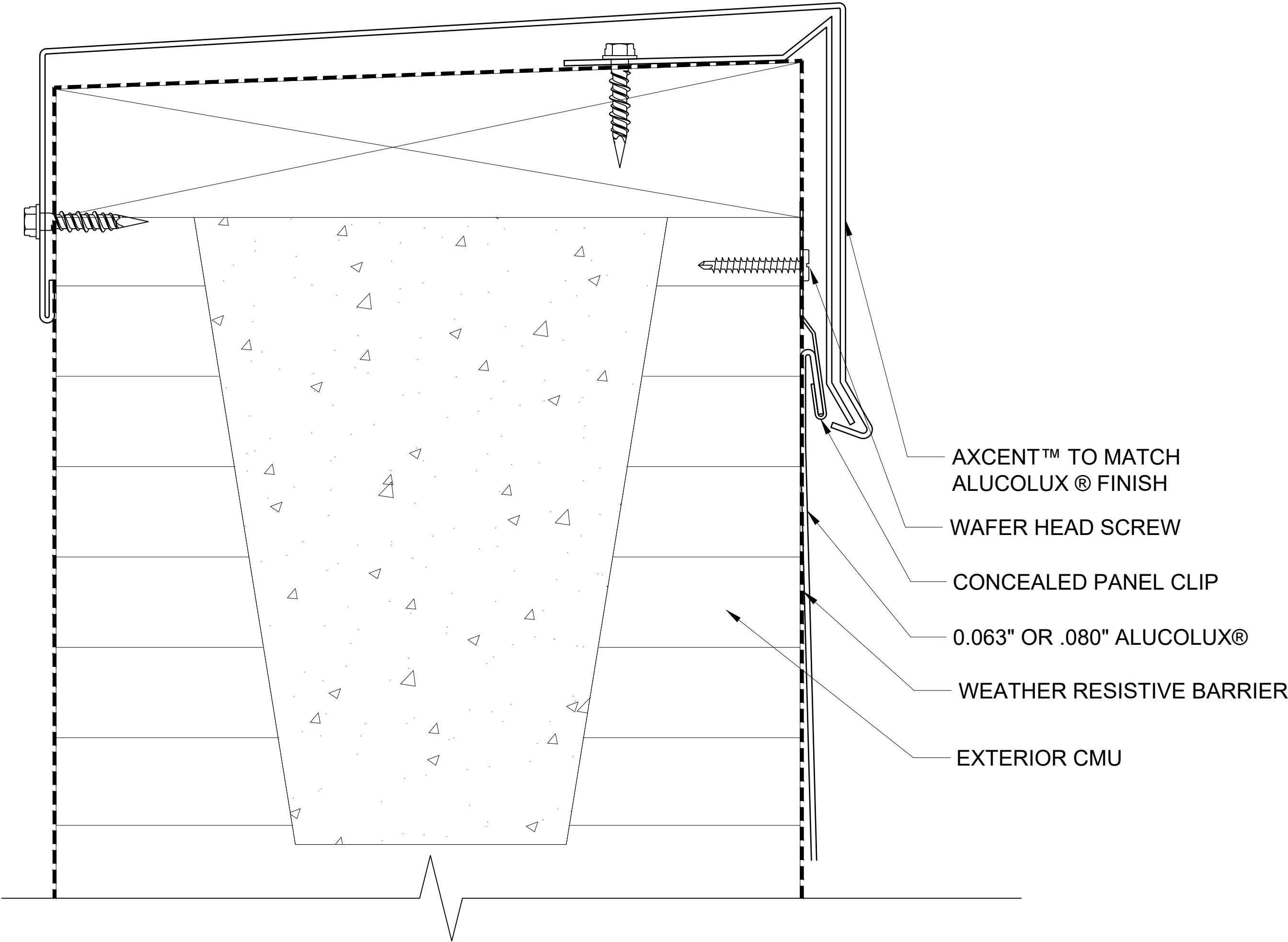
INSIDE CORNER - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU

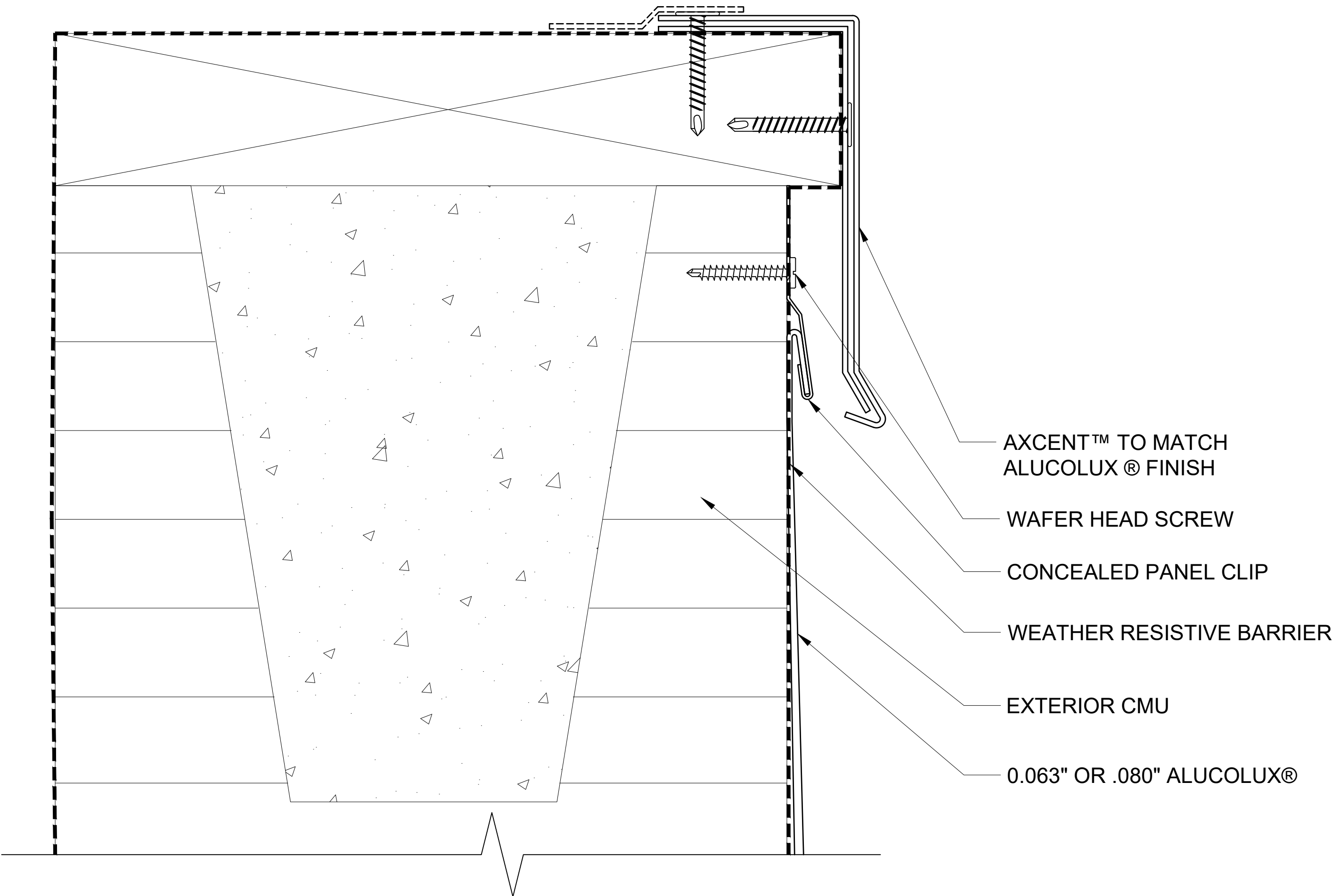


408 COPING
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU

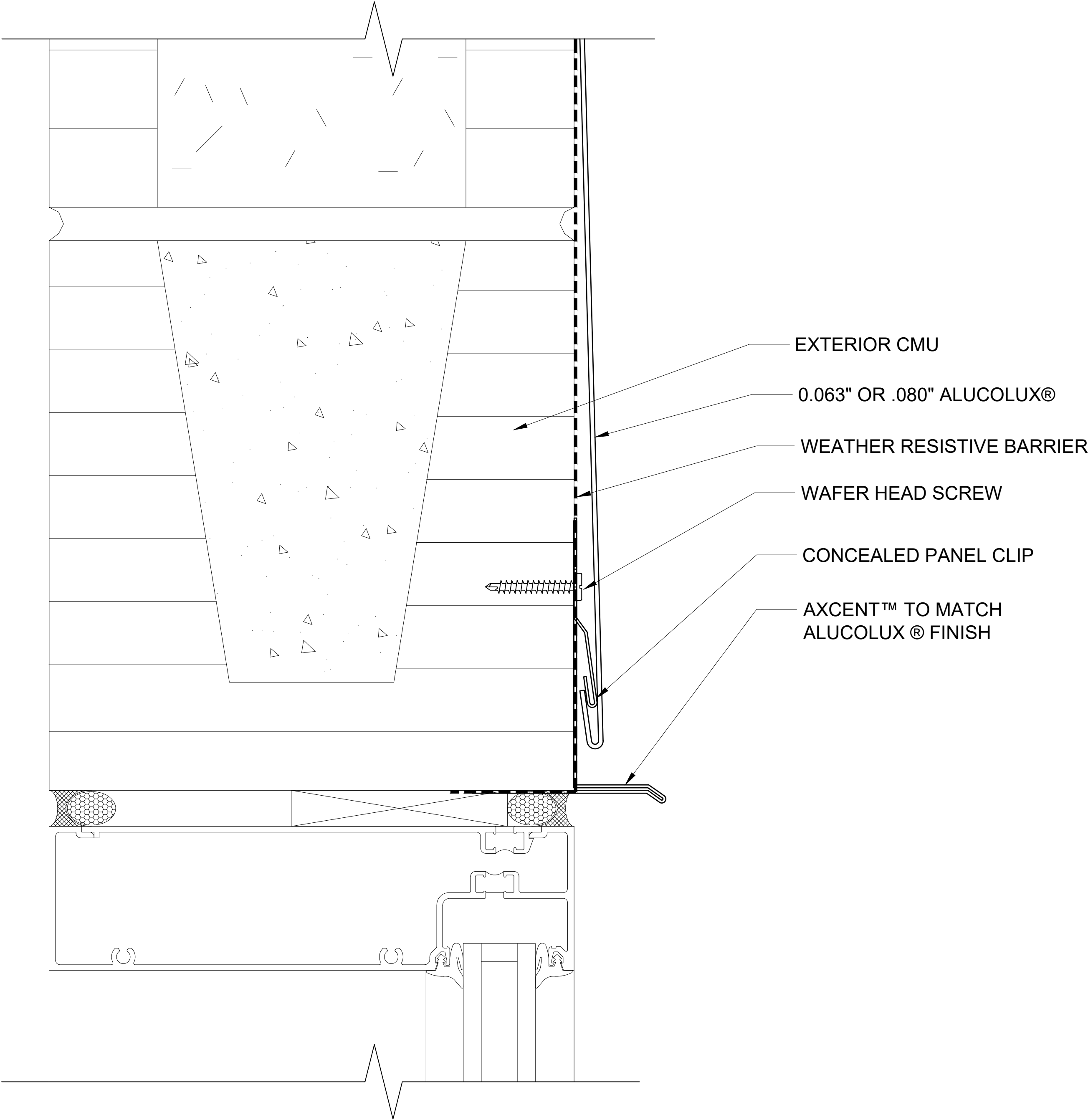


409 DRIP EDGE
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU

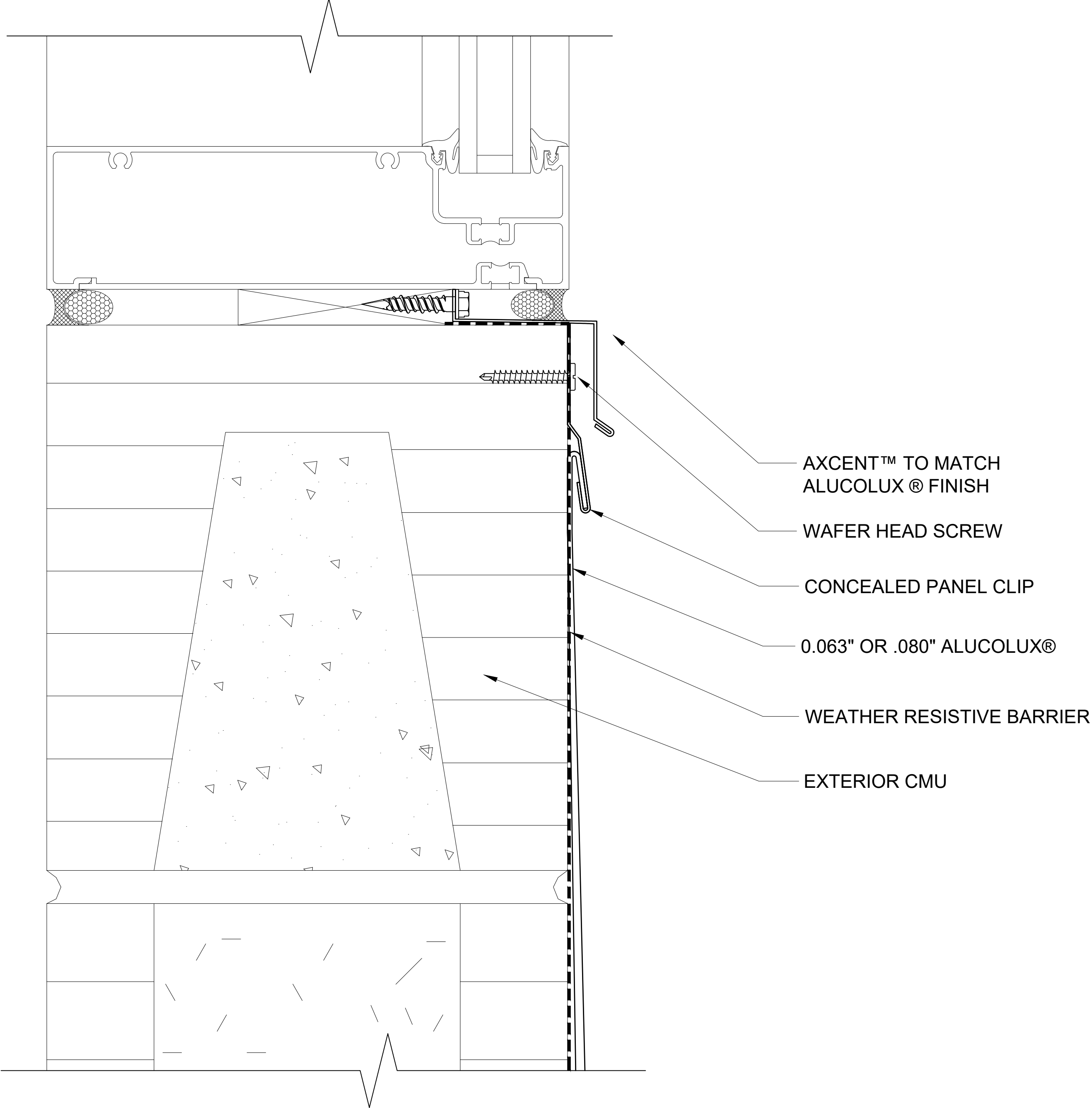


410 WINDOW HEAD
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU

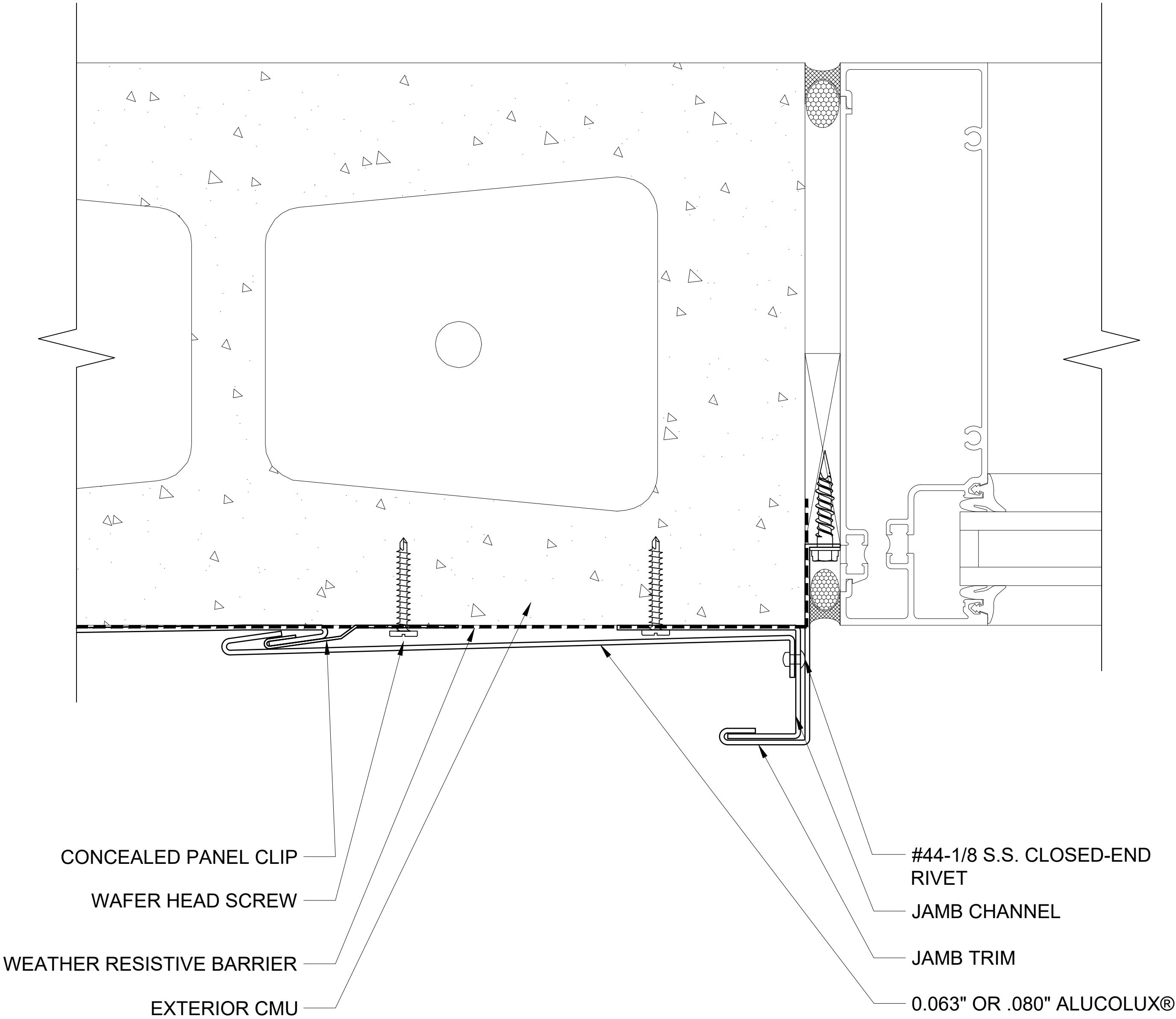


411 WINDOW SILL
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CMU



412

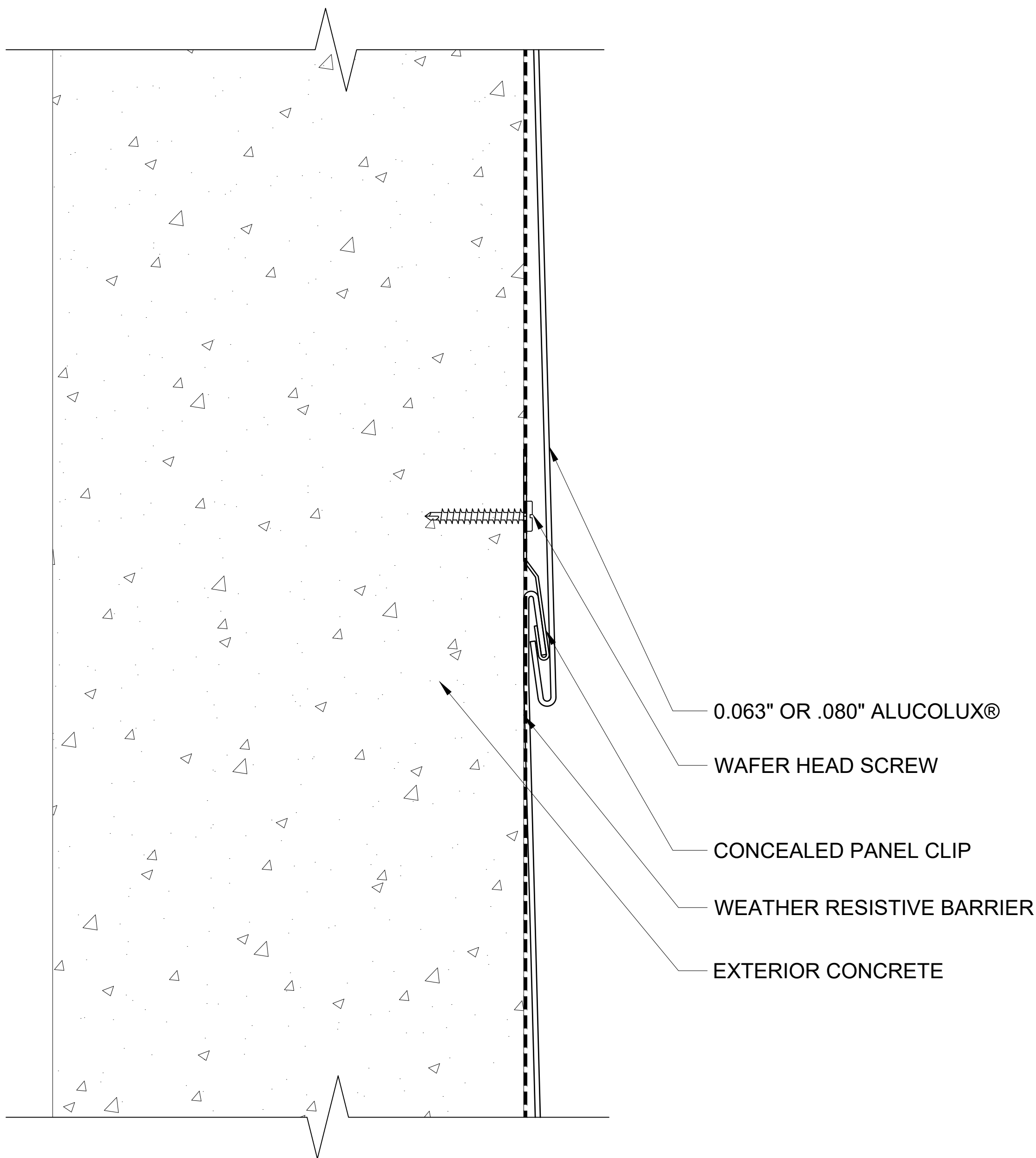
WINDOW JAMB - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE

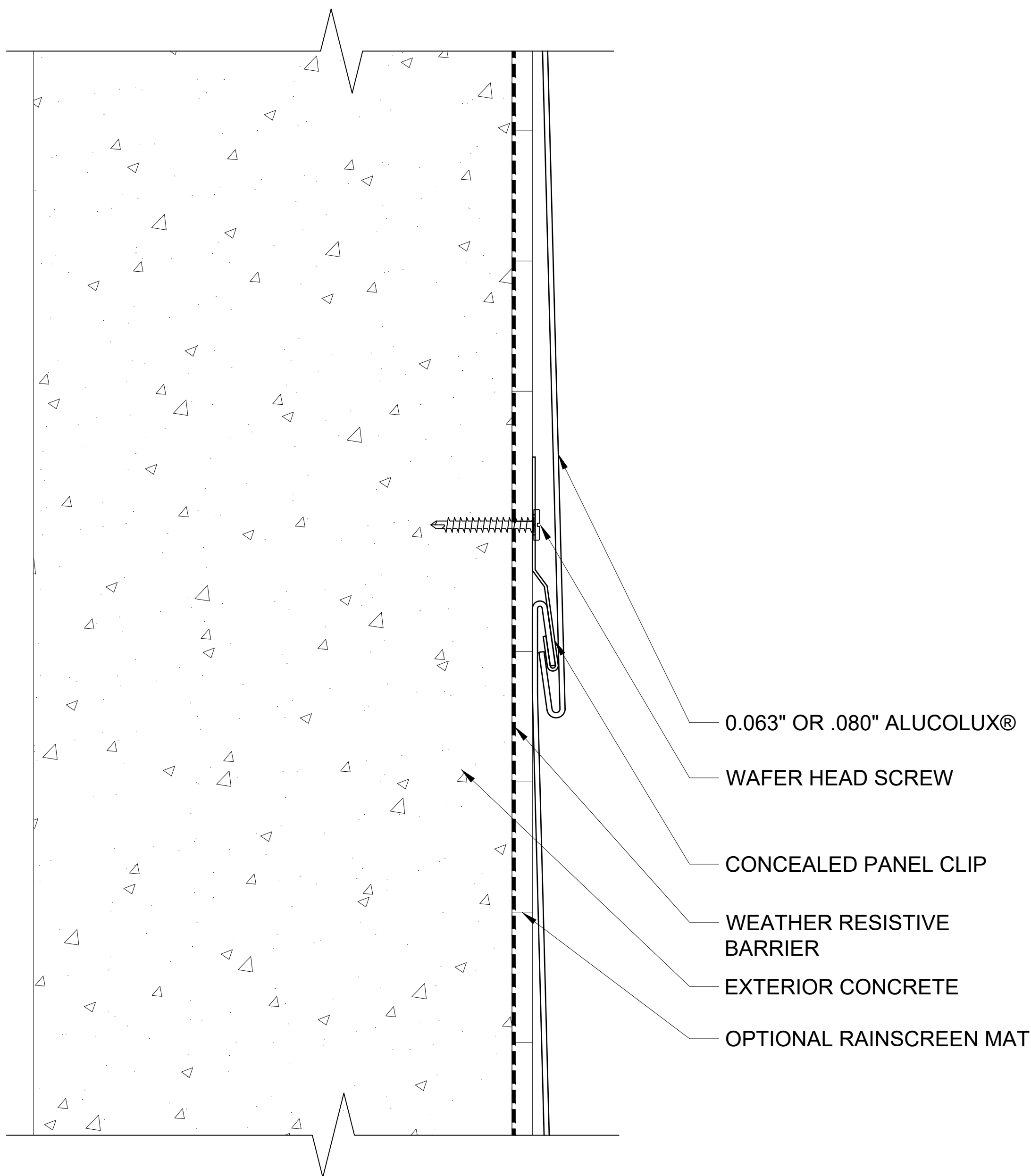


501 HORIZONTAL JOINT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE



501B

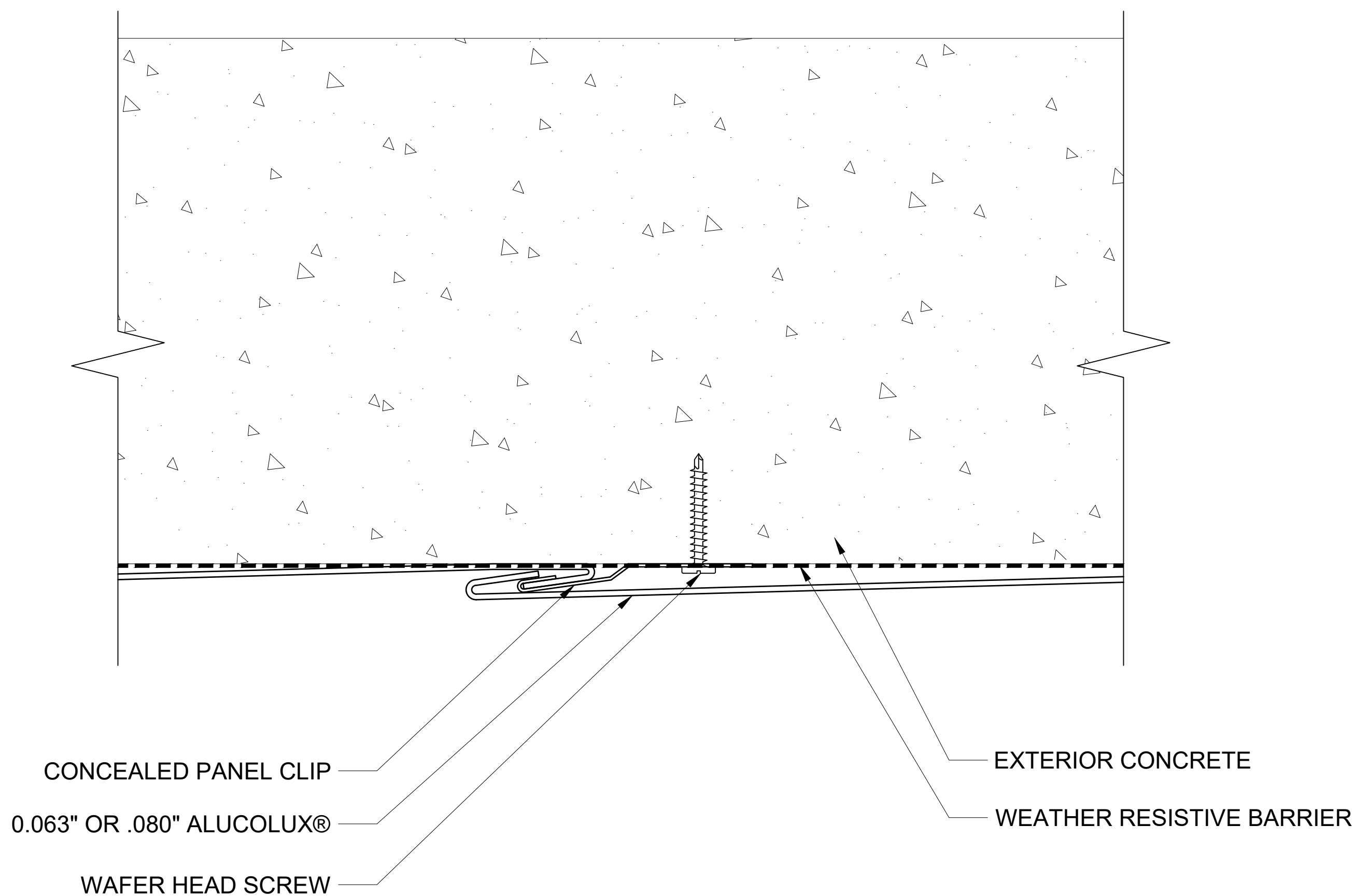
OPTIONAL RAINSCREEN MAT

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE



502

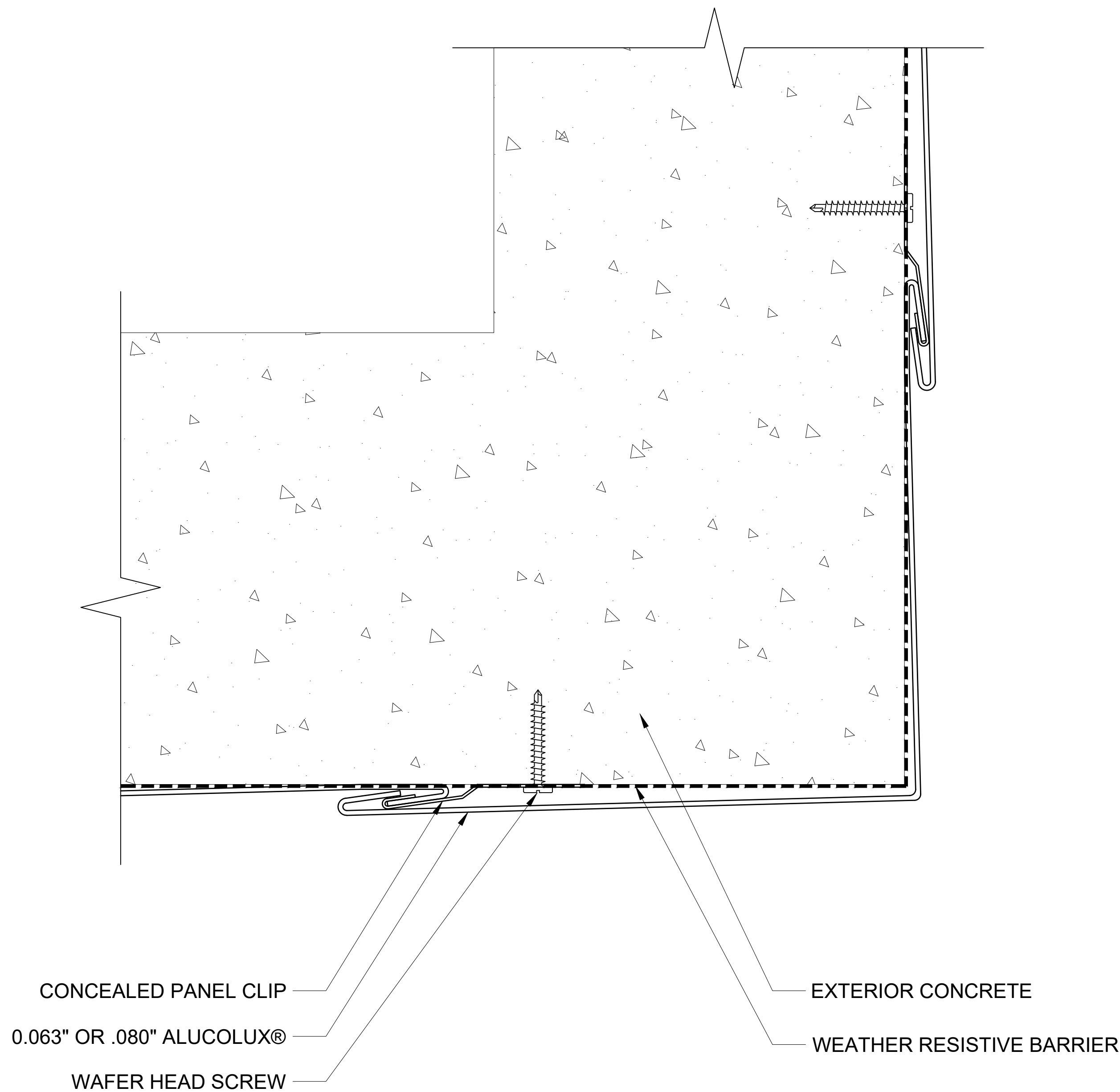
VERTICAL JOINT - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE

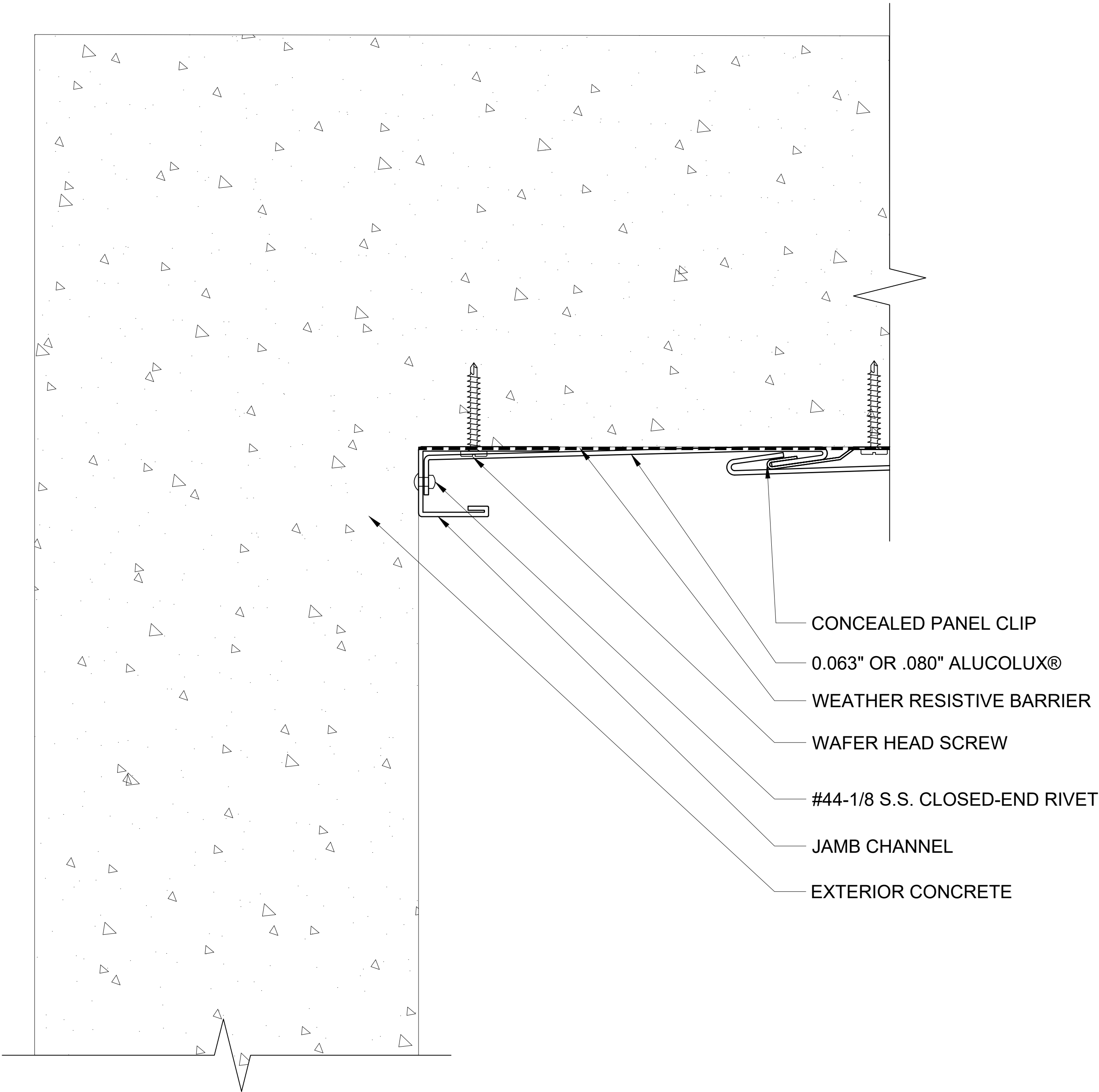


503 WALL TO SOFFIT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE

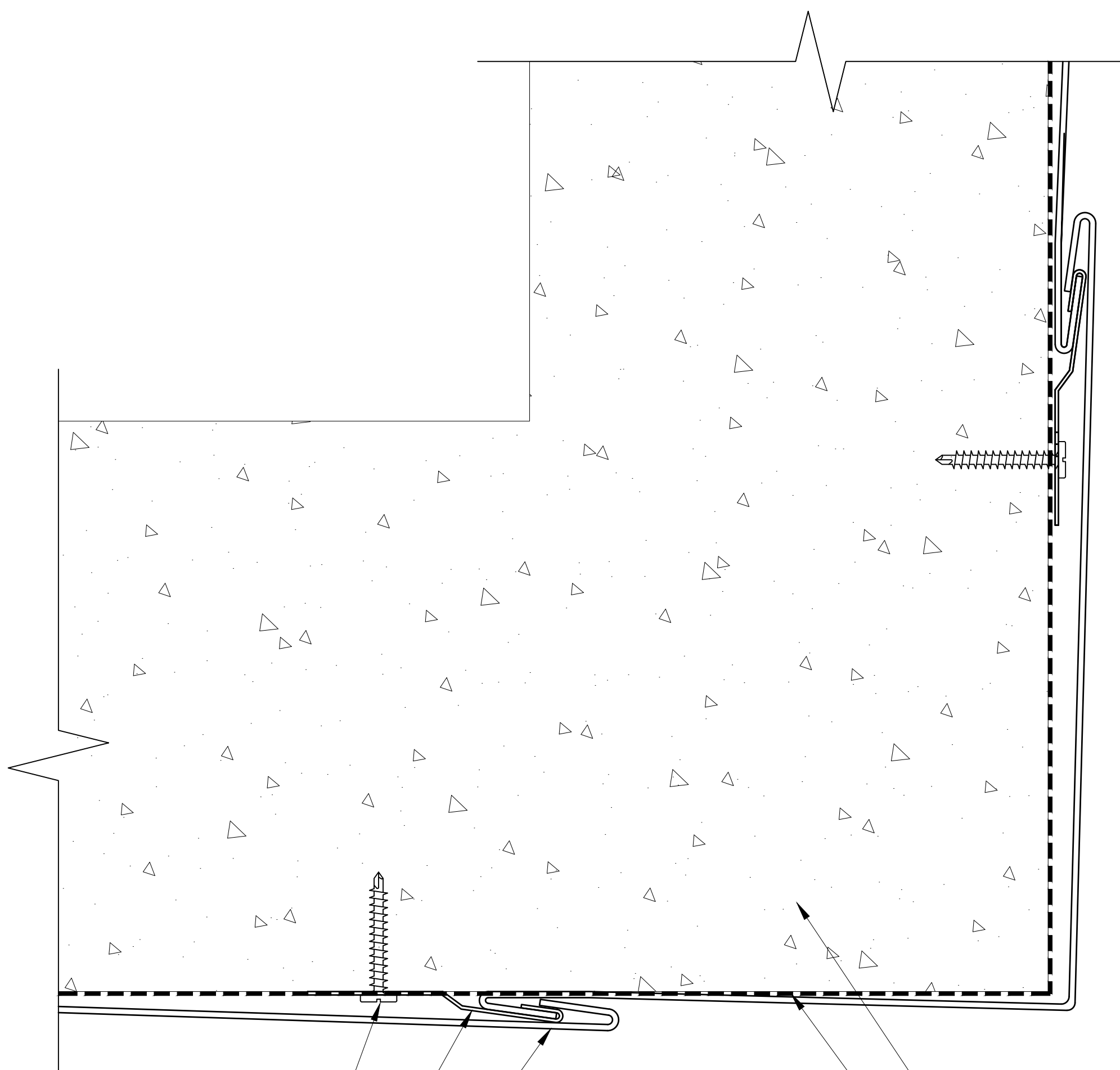


504 END WALL - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE



WAFFER HEAD SCREW

CONCEALED PANEL CLIP

0.063" OR .080" ALUCOLUX®

EXTERIOR CONCRETE

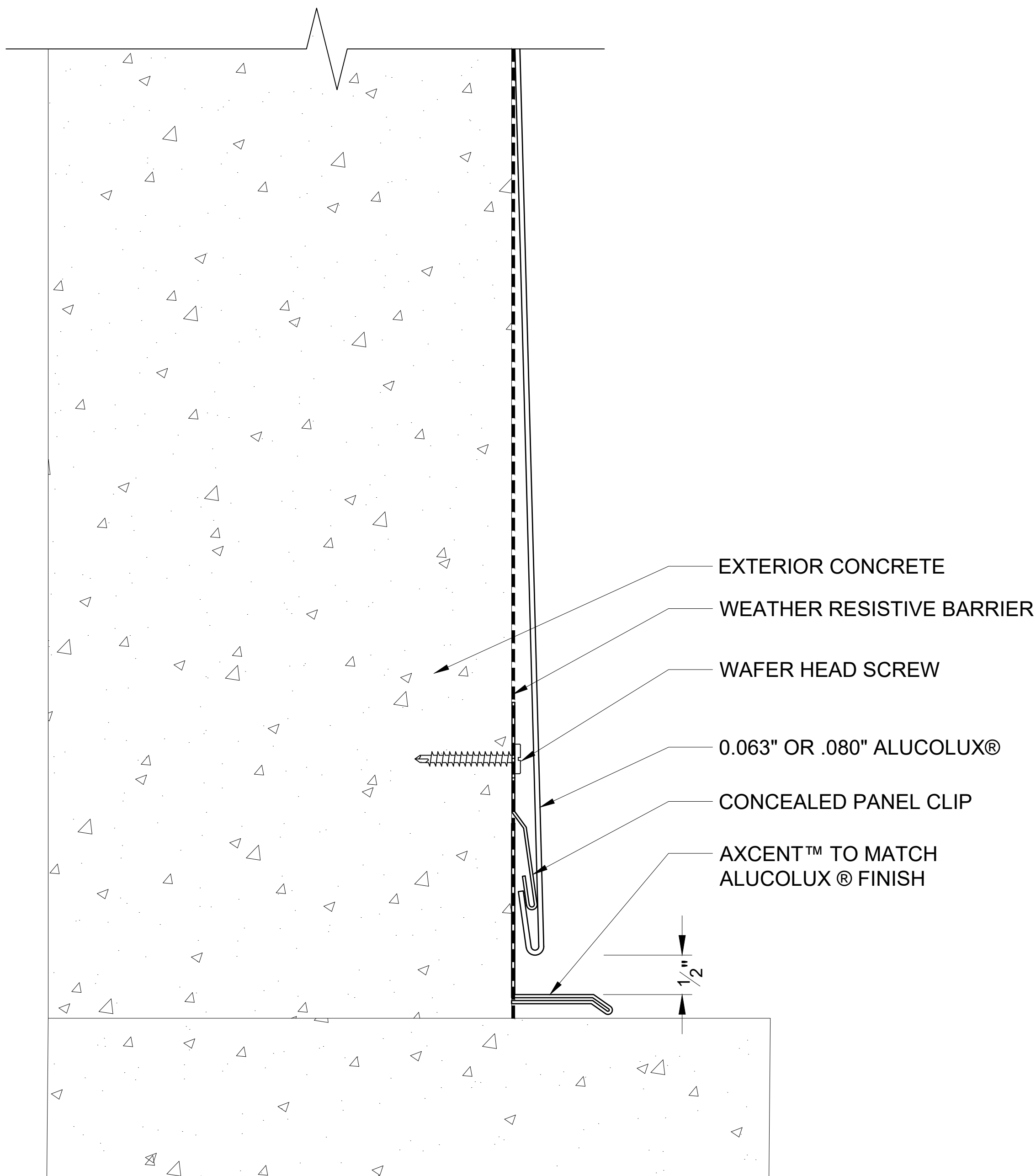
WEATHER RESISTIVE BARRIER

505 OUTSIDE CORNER - PLAN VIEW
SCALE: 3" = 1' - 0"

ALUCOLUX®

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FLAT LOCK PANEL SYSTEM - CONCRETE

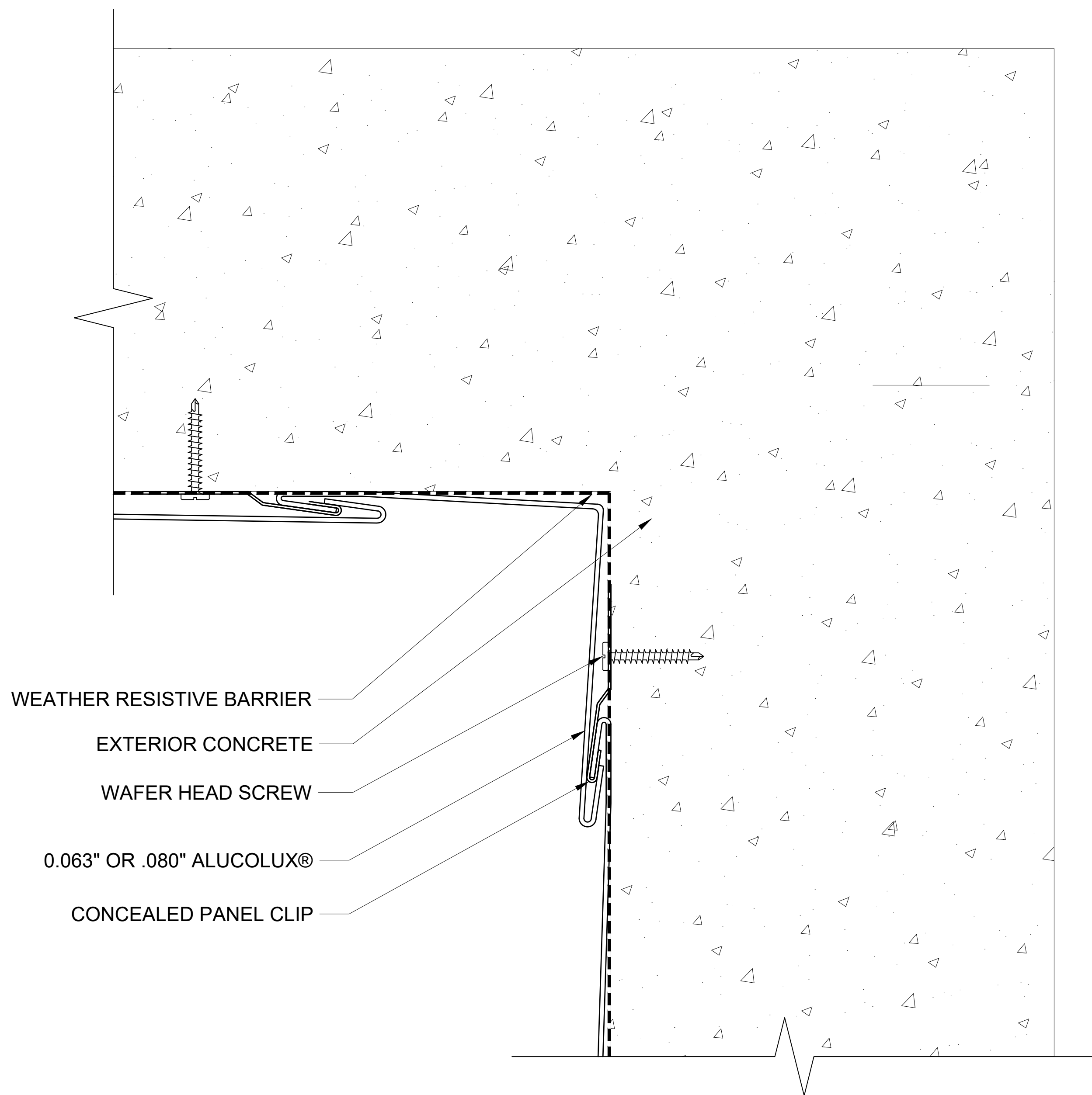


506 BASE
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE



507

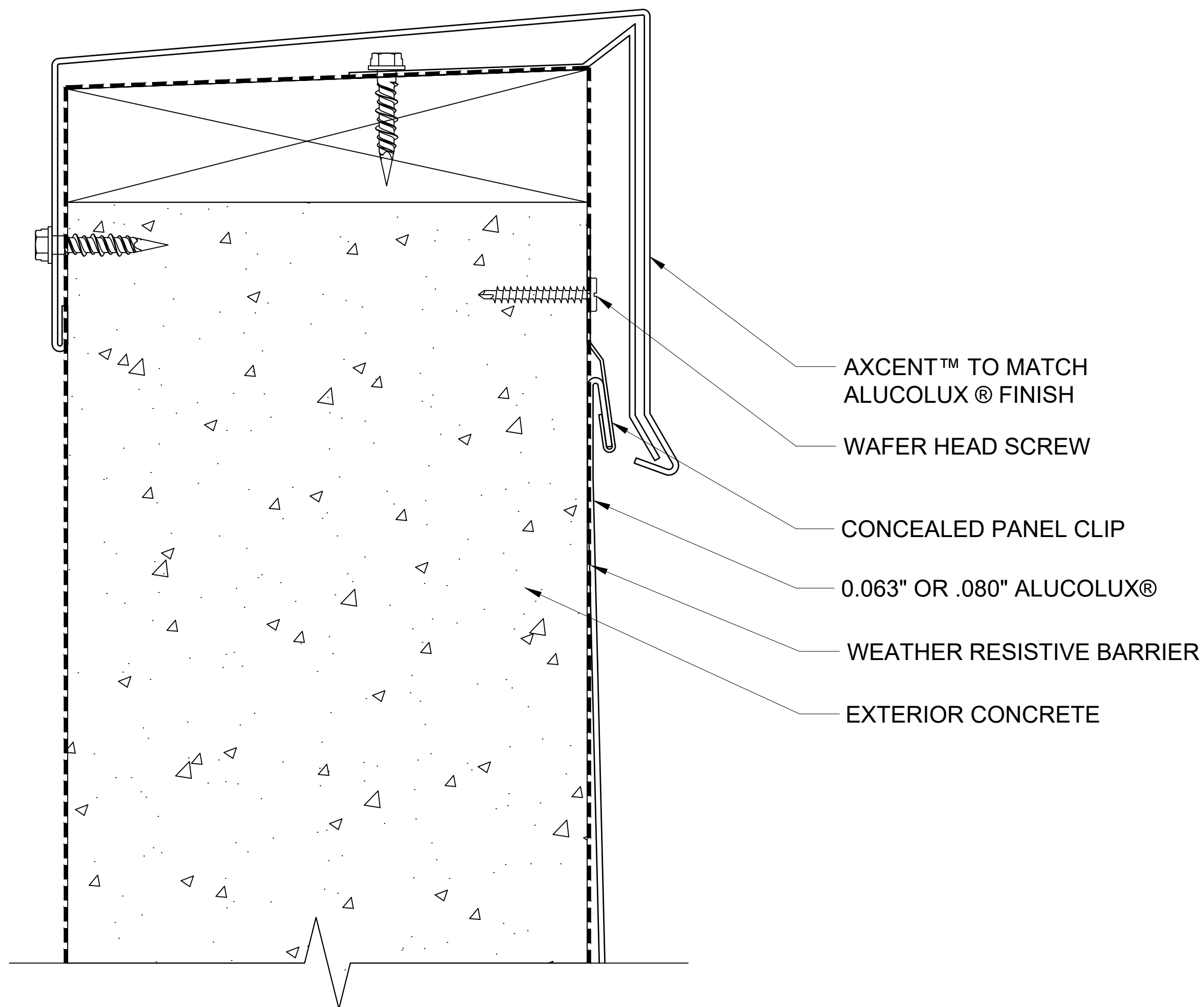
INSIDE CORNER - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE



508

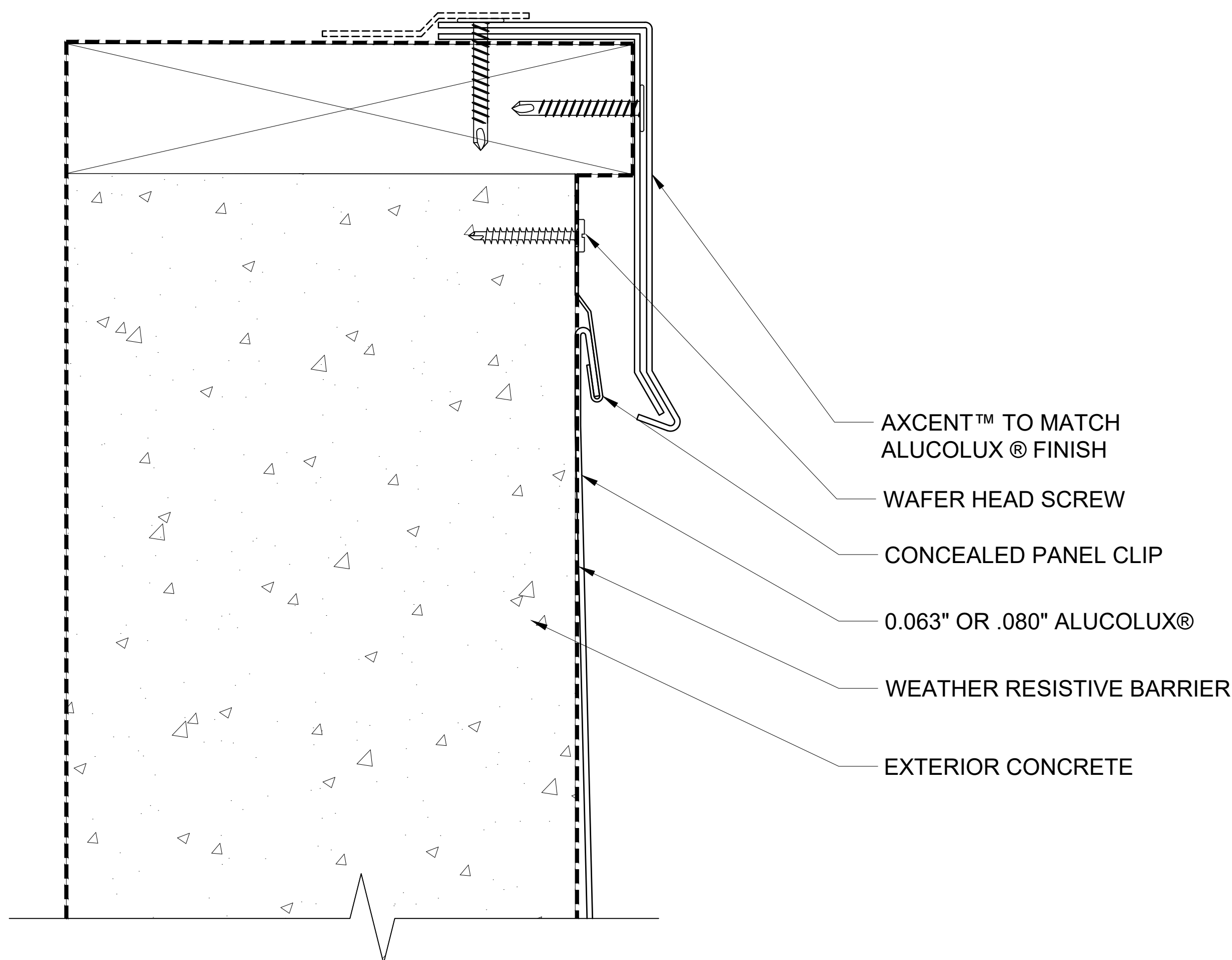
COPING

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE



509

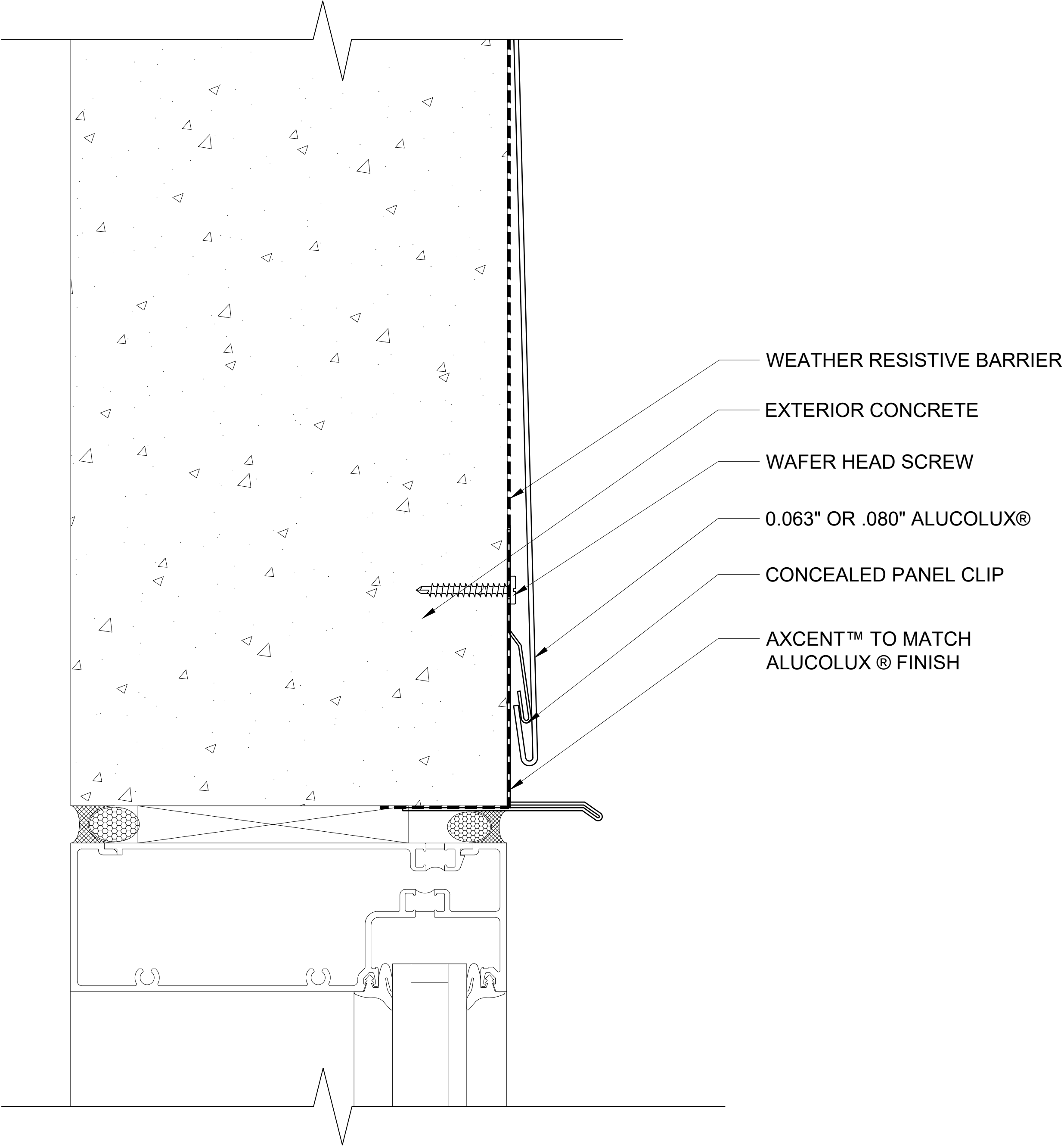
DRIP EDGE

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE

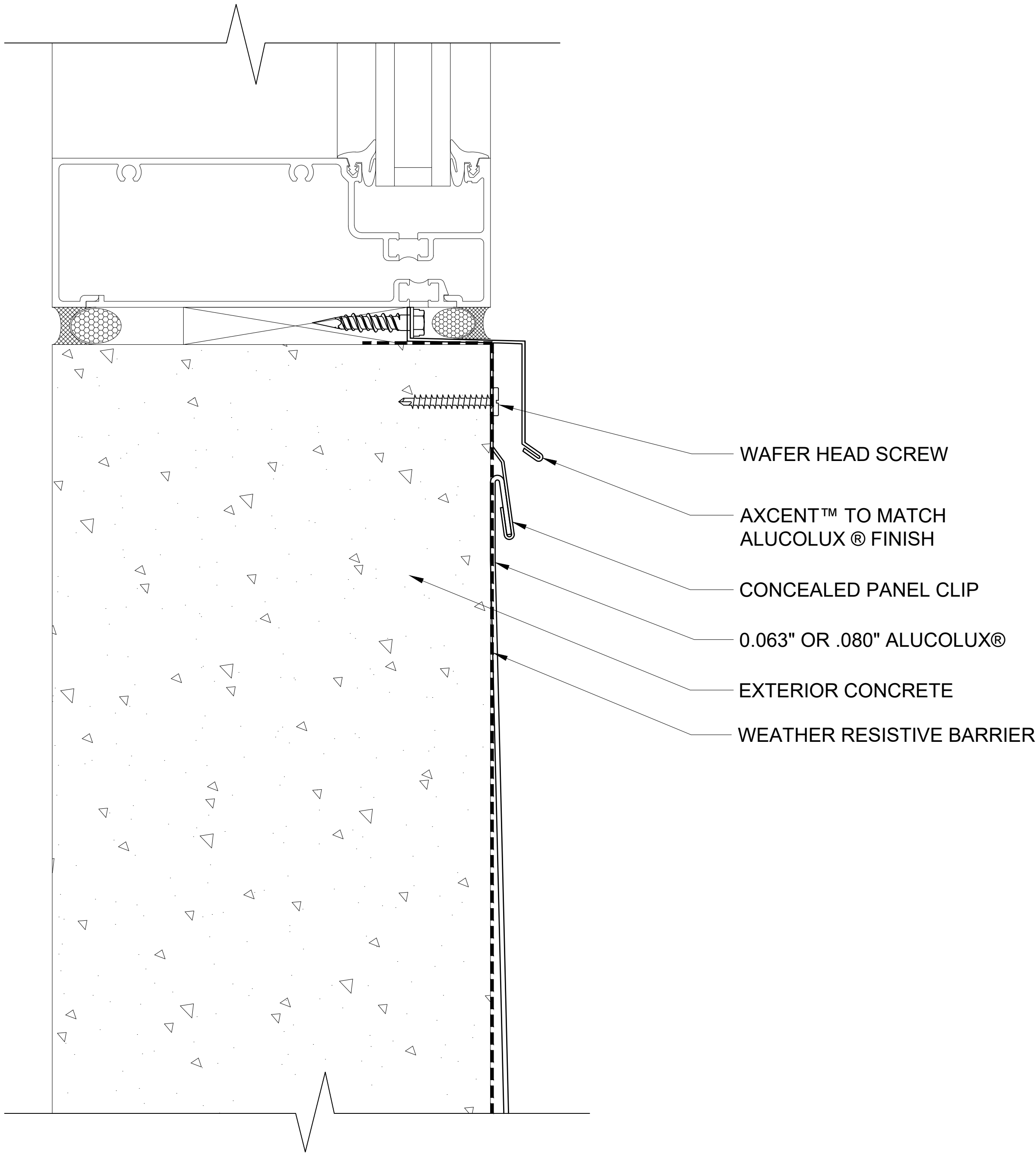


510 WINDOW HEAD
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE

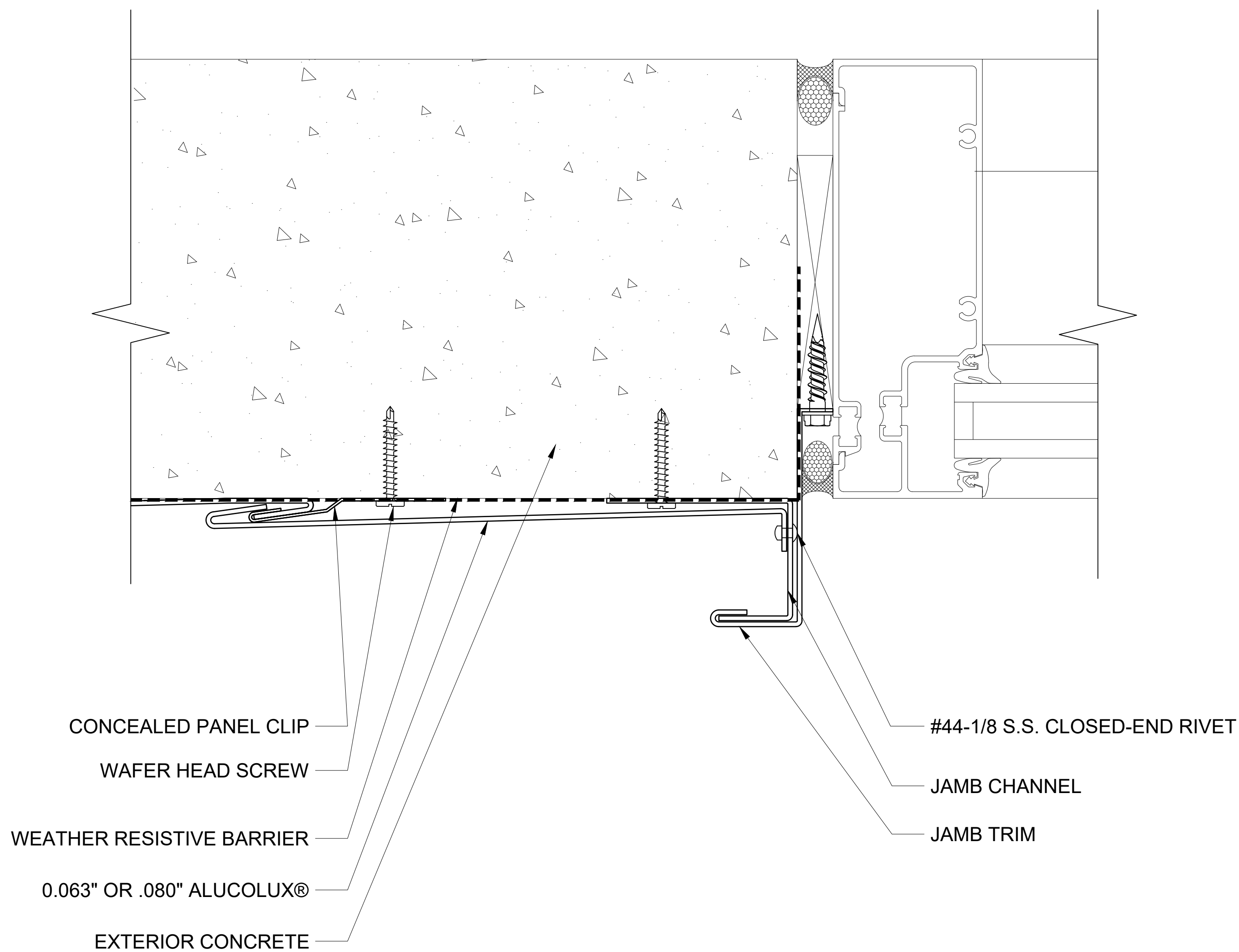


511 WINDOW SILL
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - CONCRETE



512

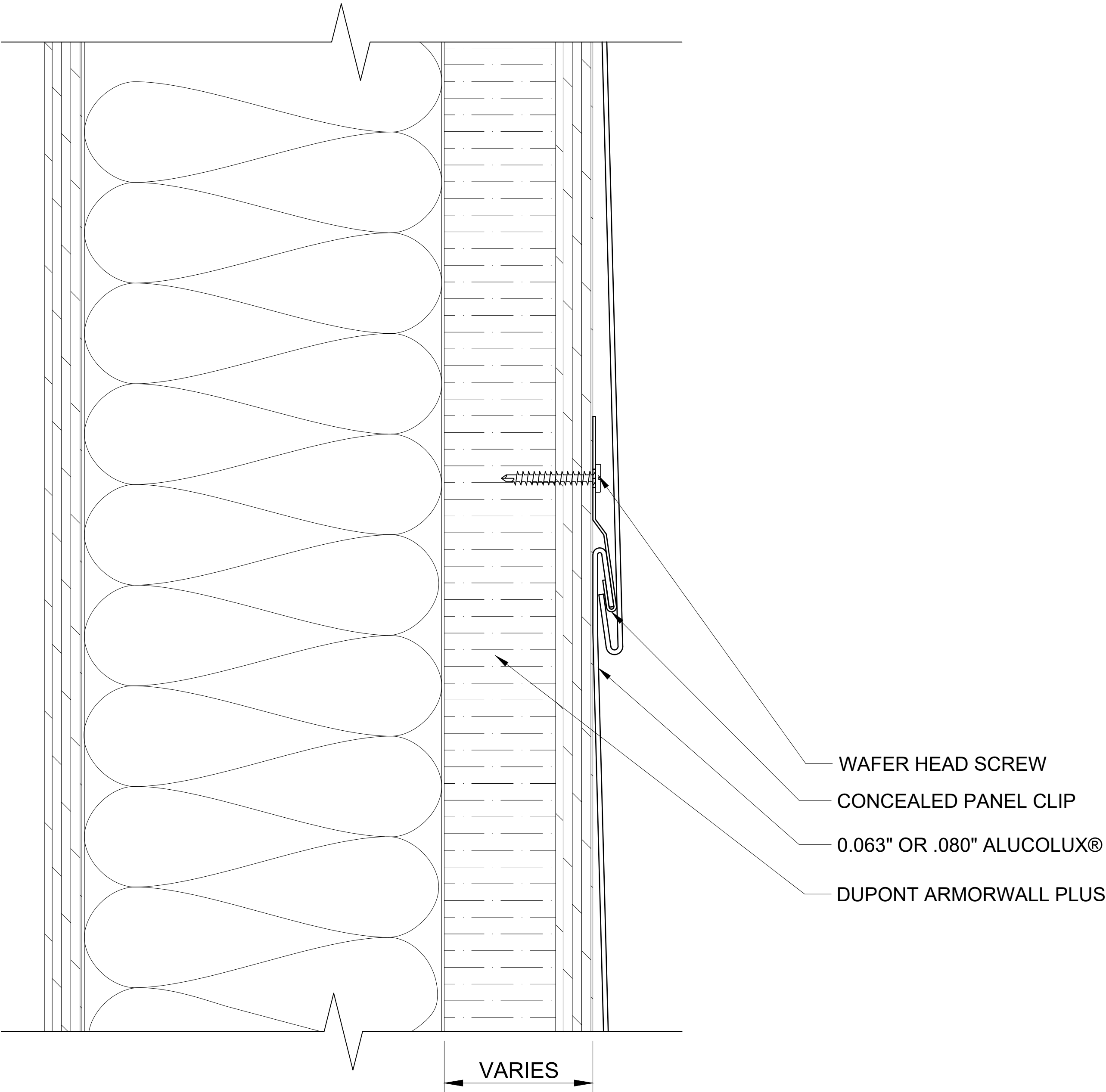
WINDOW JAMB - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - ARMORWALL

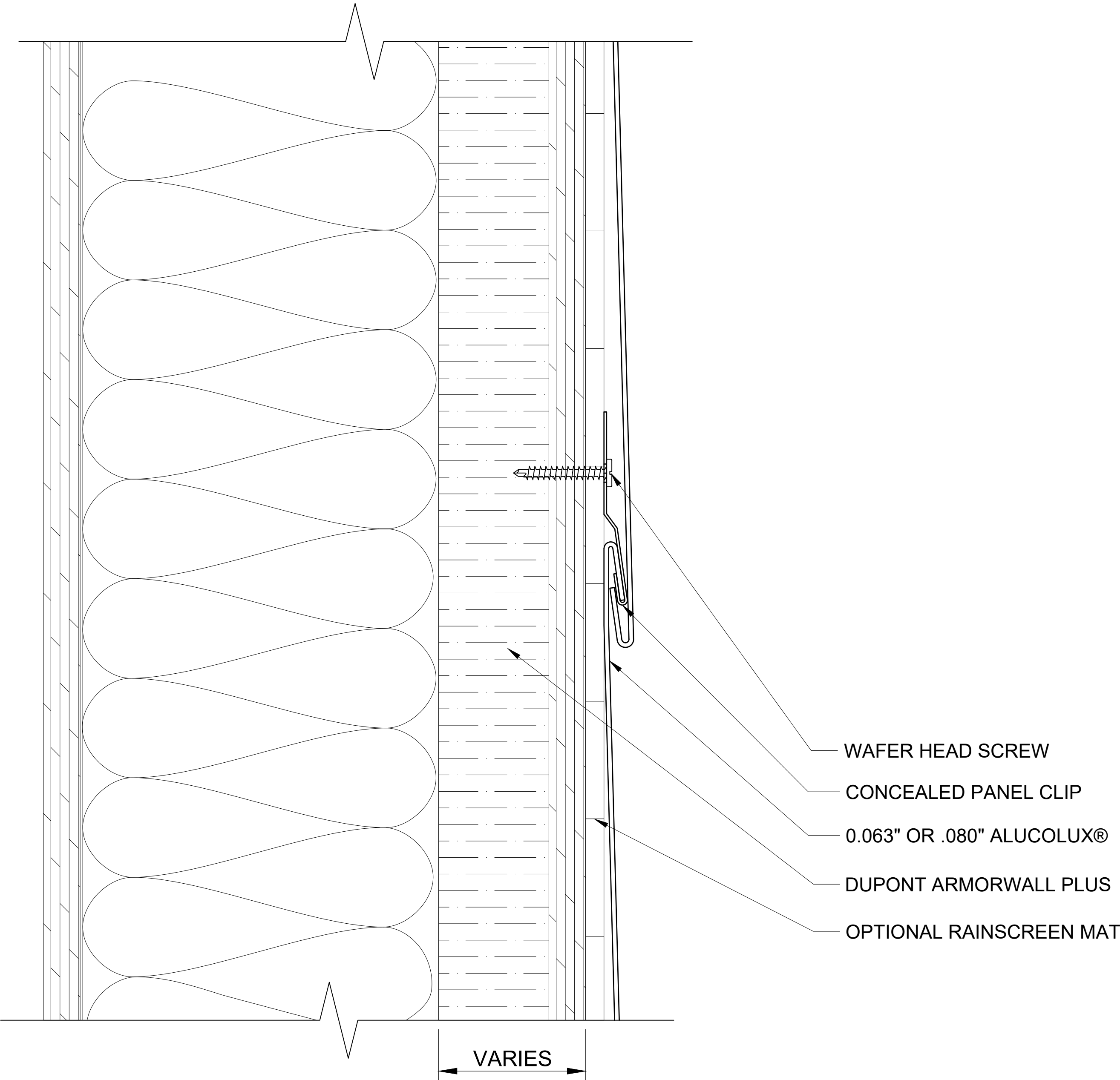


601 HORIZONTAL JOINT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - ARMORWALL

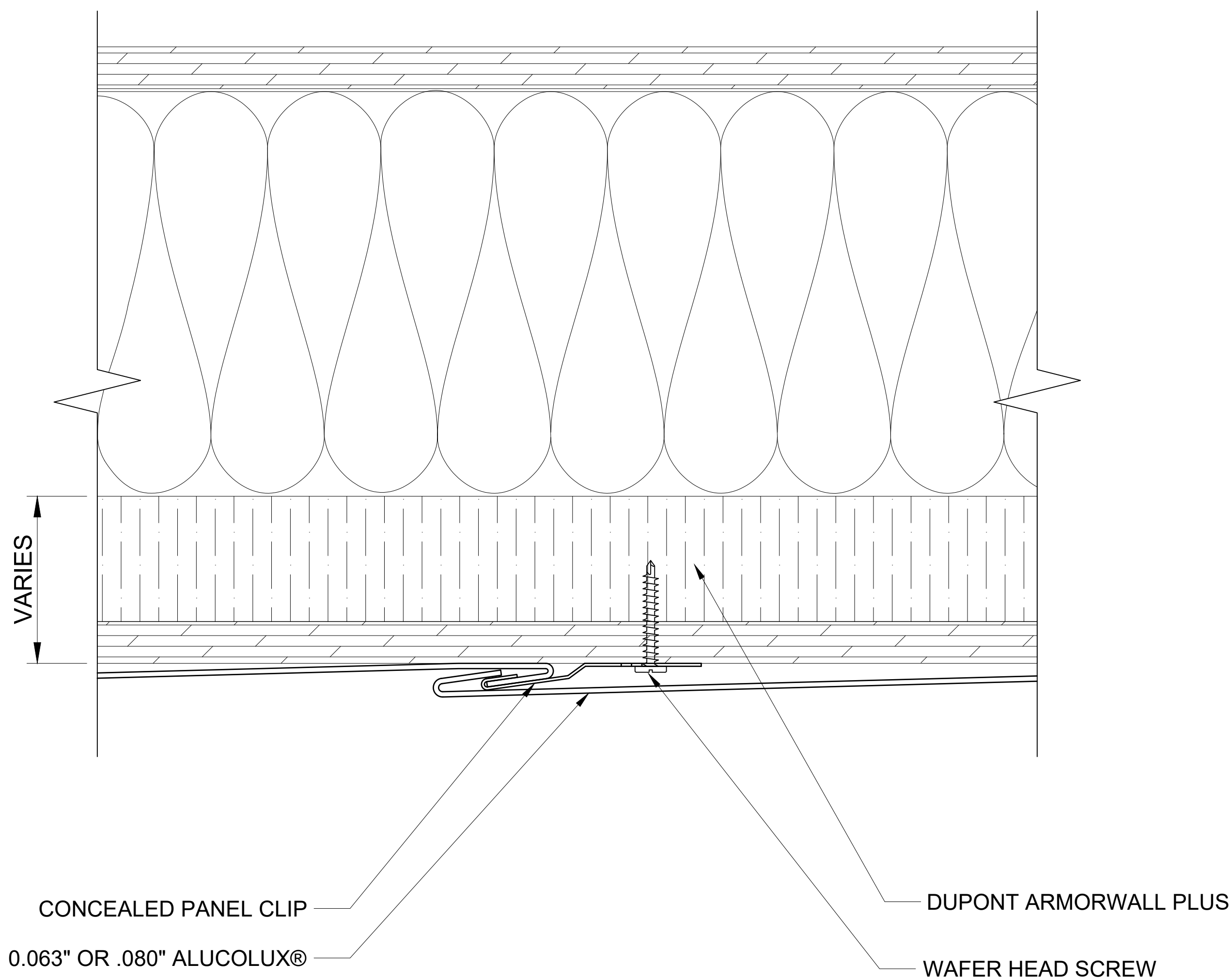


601B OPTIONAL RAINSCREEN MAT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - ARMORWALL



602

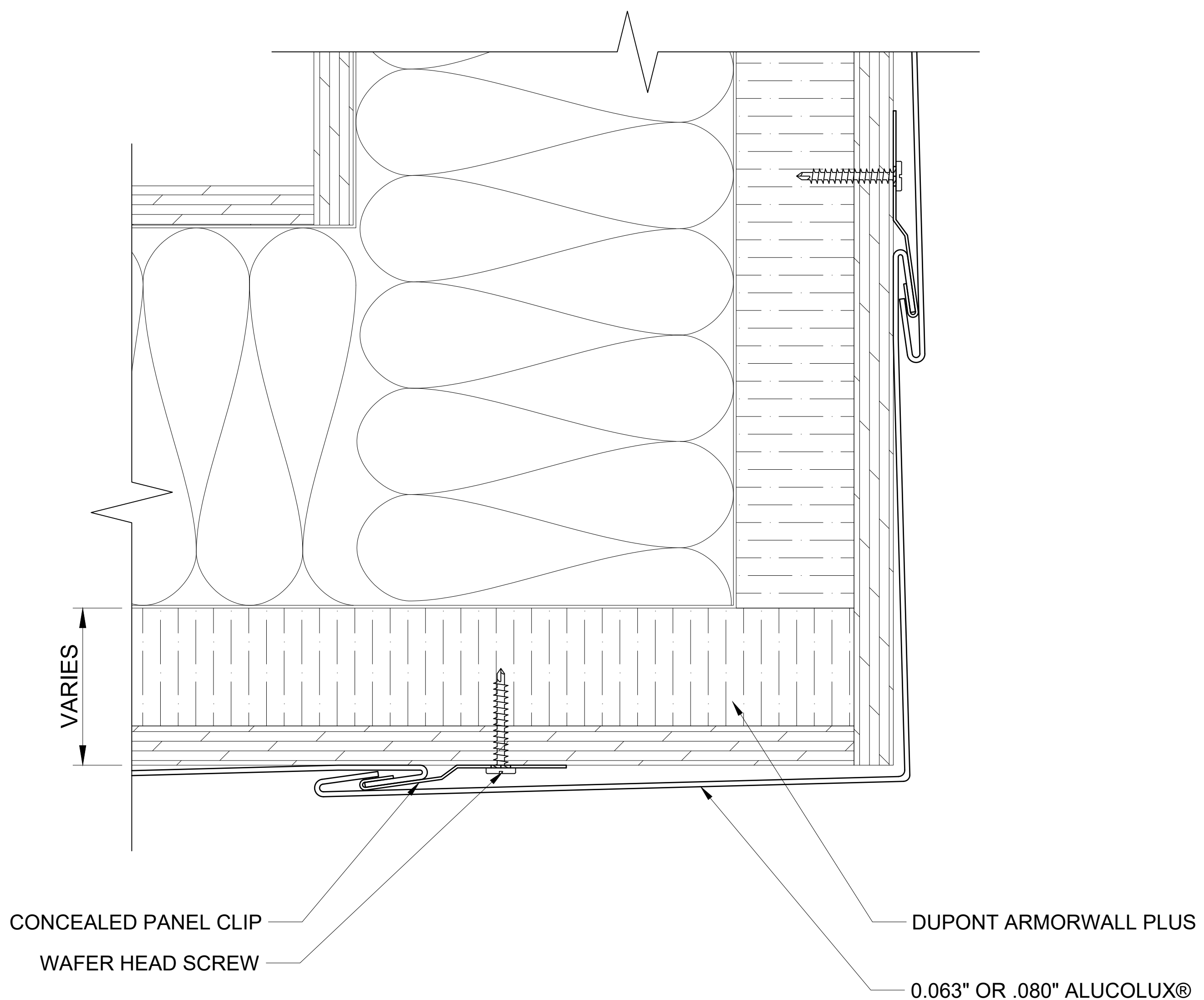
VERTICAL JOINT - PLAN VIEW

SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - ARMORWALL

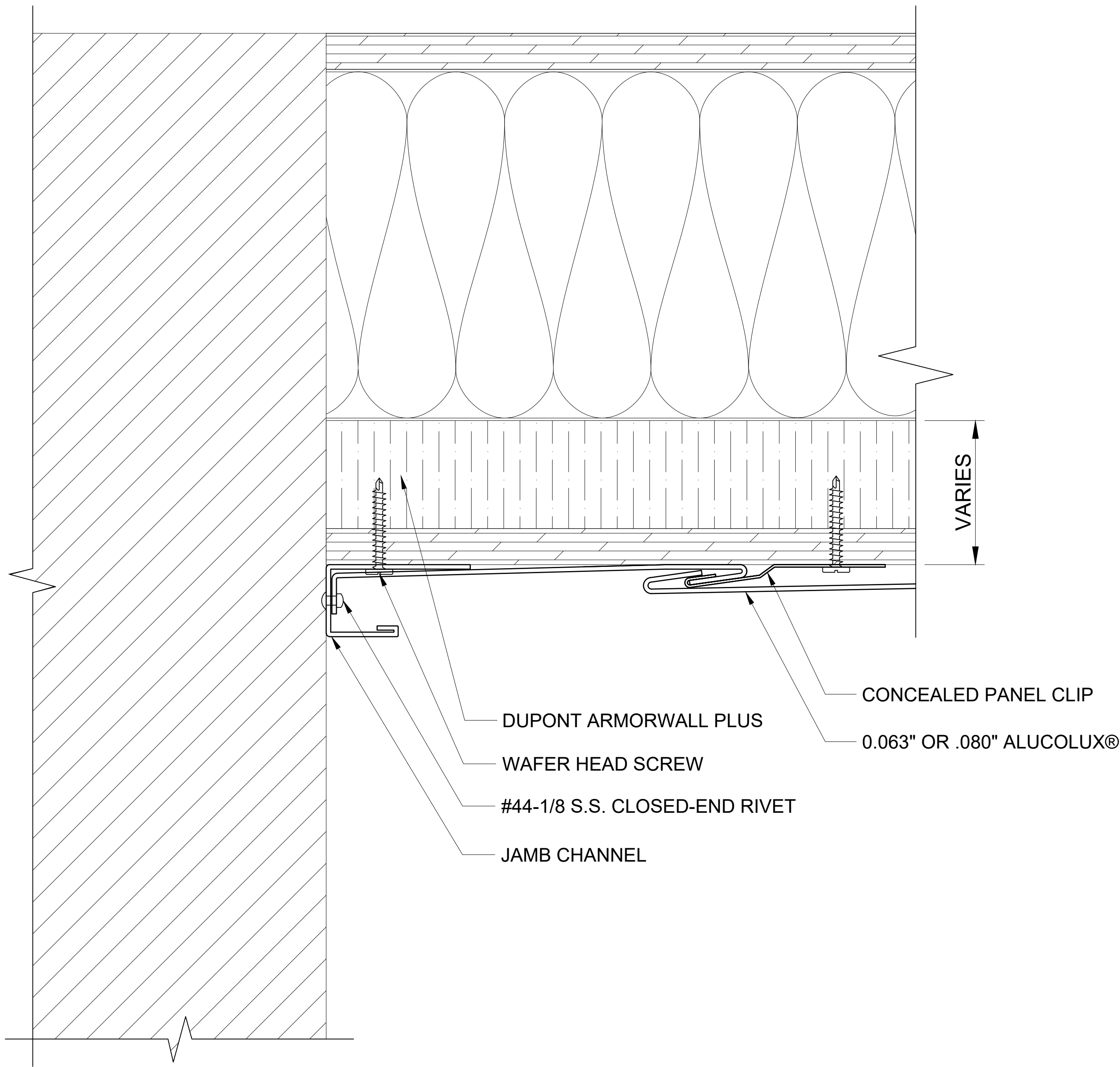


603 WALL TO SOFFIT
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - ARMORWALL

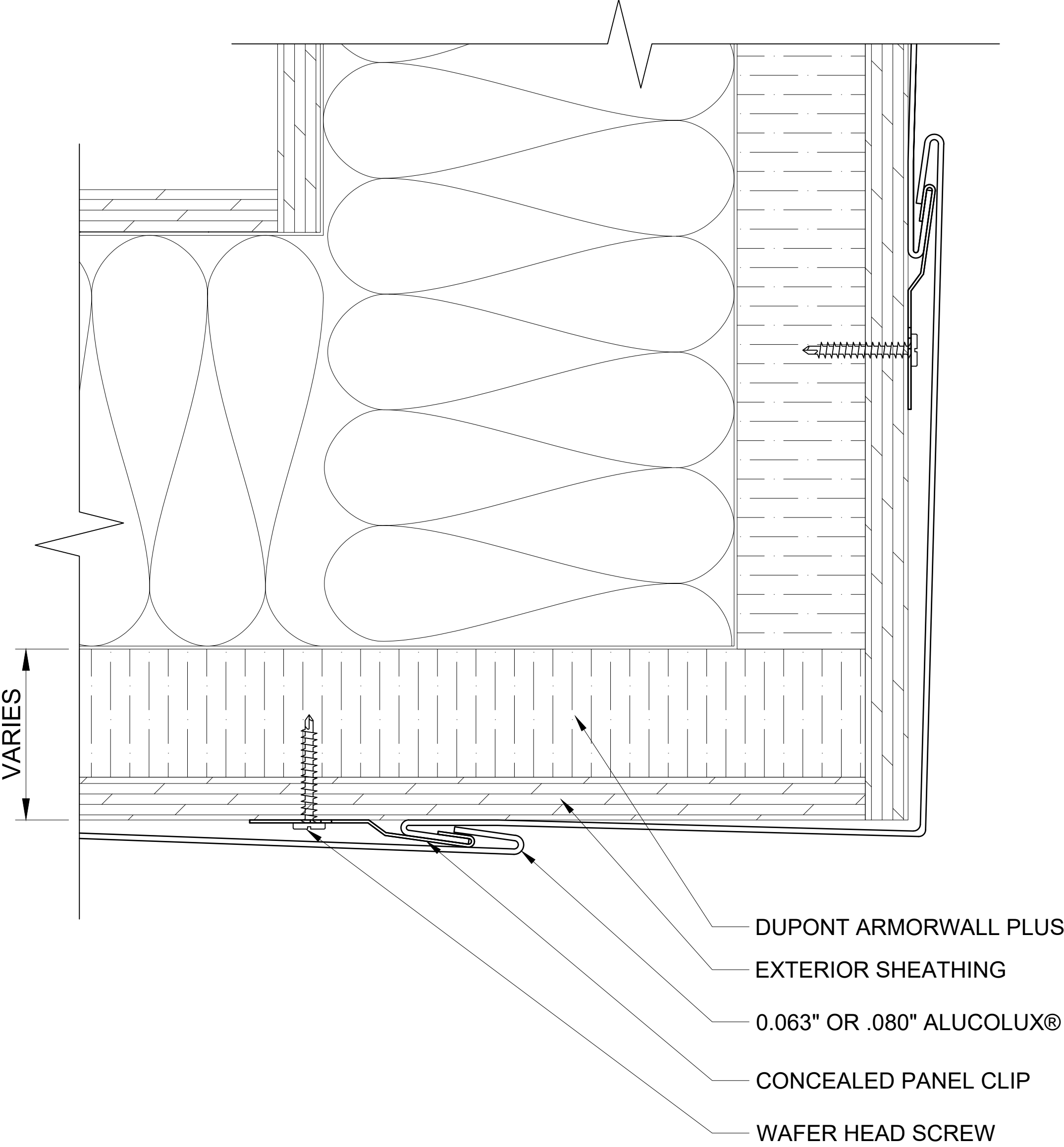


604 END WALL - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - ARMORWALL

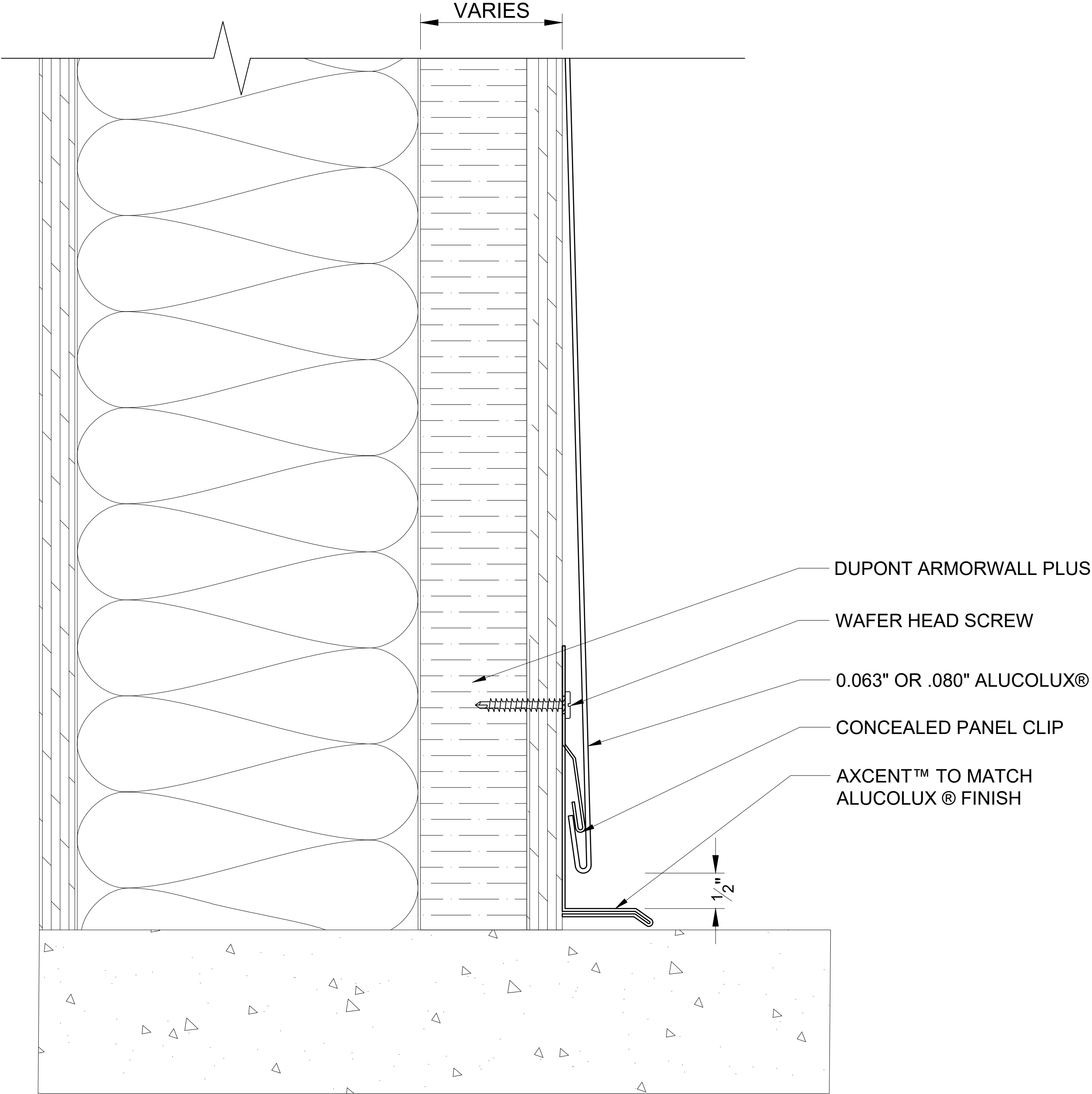


605 OUTSIDE CORNER - PLAN VIEW
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - ARMORWALL

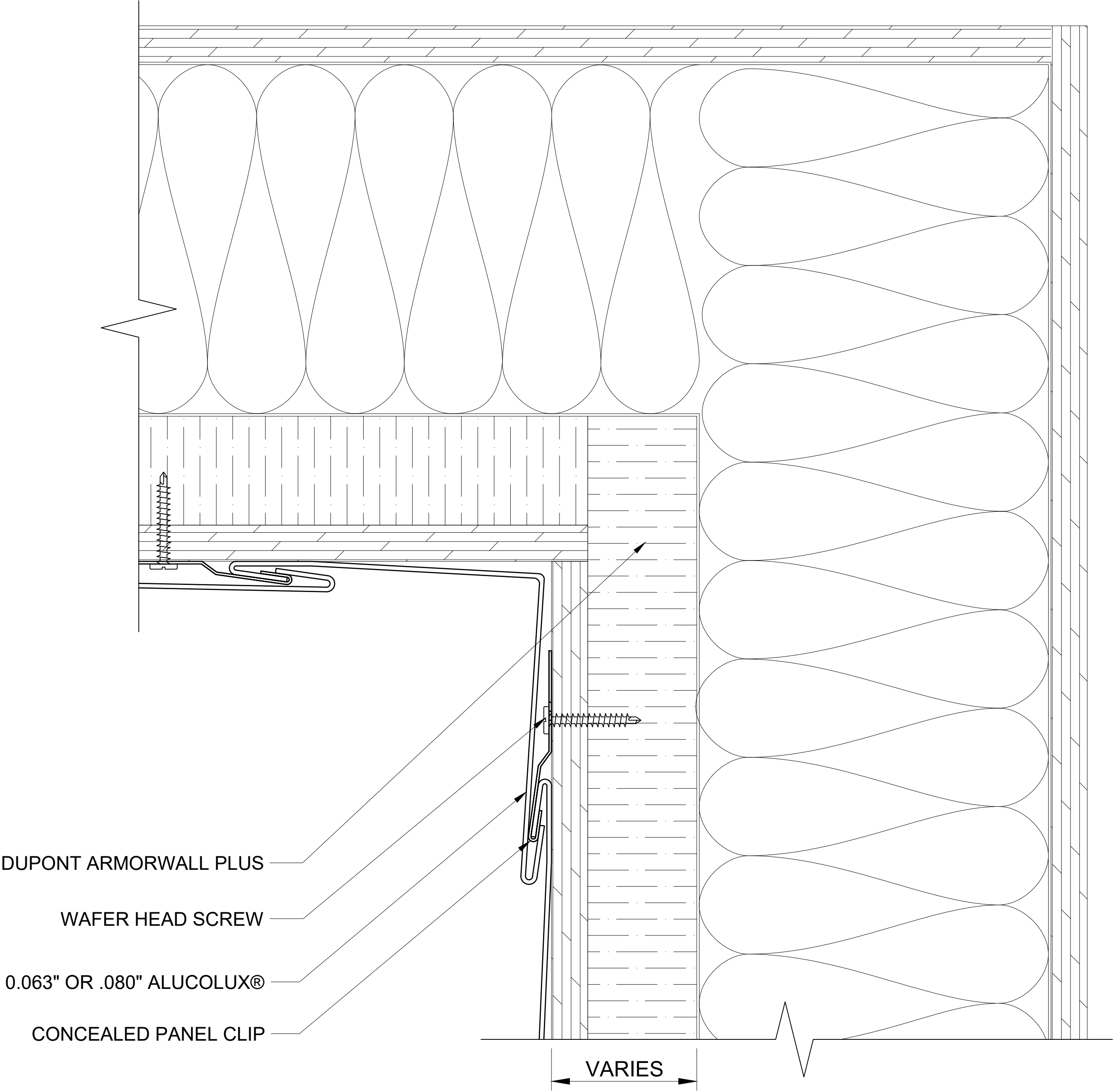


606 BASE
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - ARMORWALL

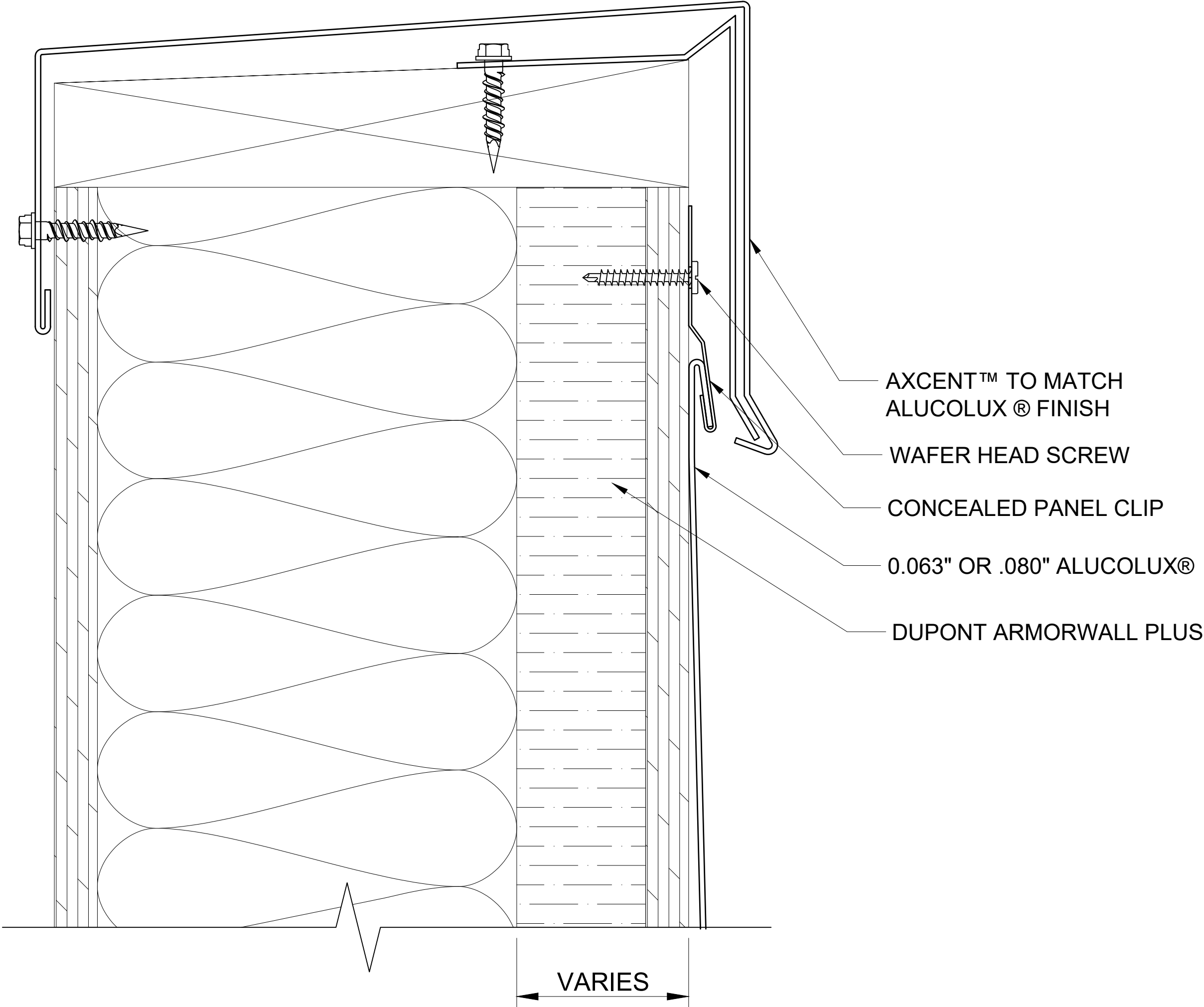


607 INSIDE CORNER - PLAN VIEW
SCALE: 3" = 1' - 0"

ALUCOLUX®

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FLAT LOCK PANEL SYSTEM - ARMORWALL

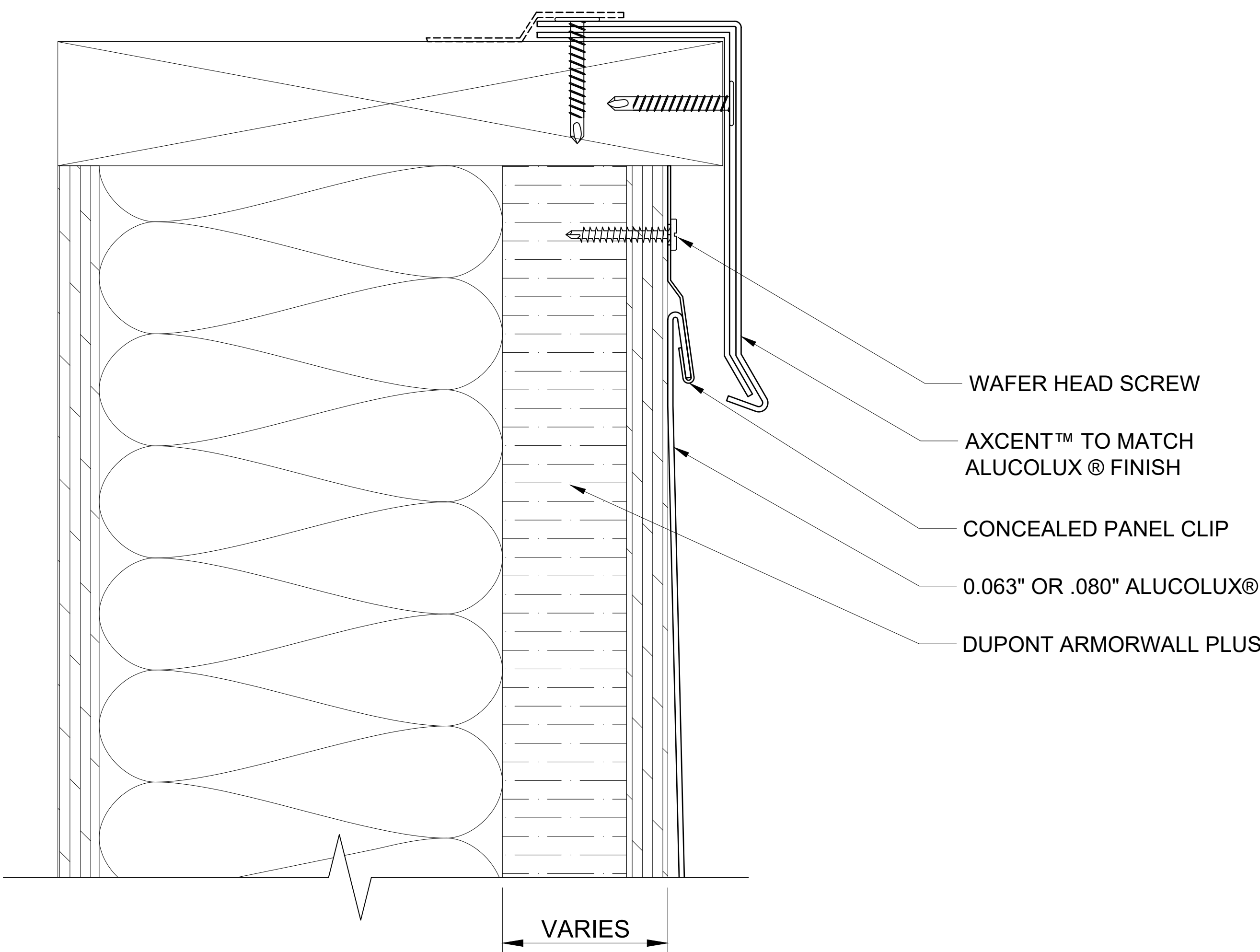


608 COPING
SCALE: 3" = 1' - 0"

ALUCOLUX®

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FLAT LOCK PANEL SYSTEM - ARMORWALL

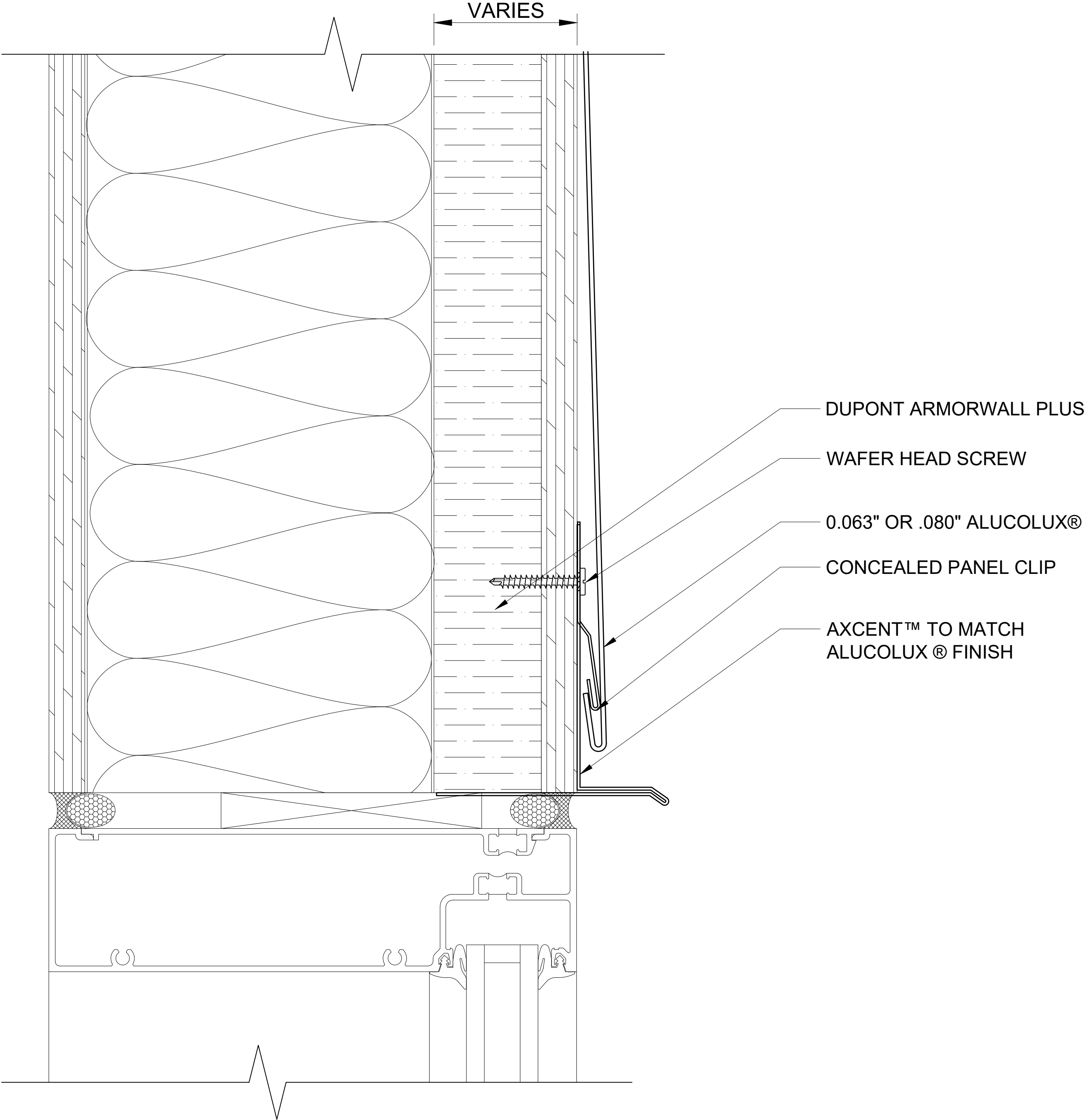


609 DRIP EDGE
SCALE: 3" = 1' - 0"

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FLAT LOCK PANEL SYSTEM - ARMORWALL

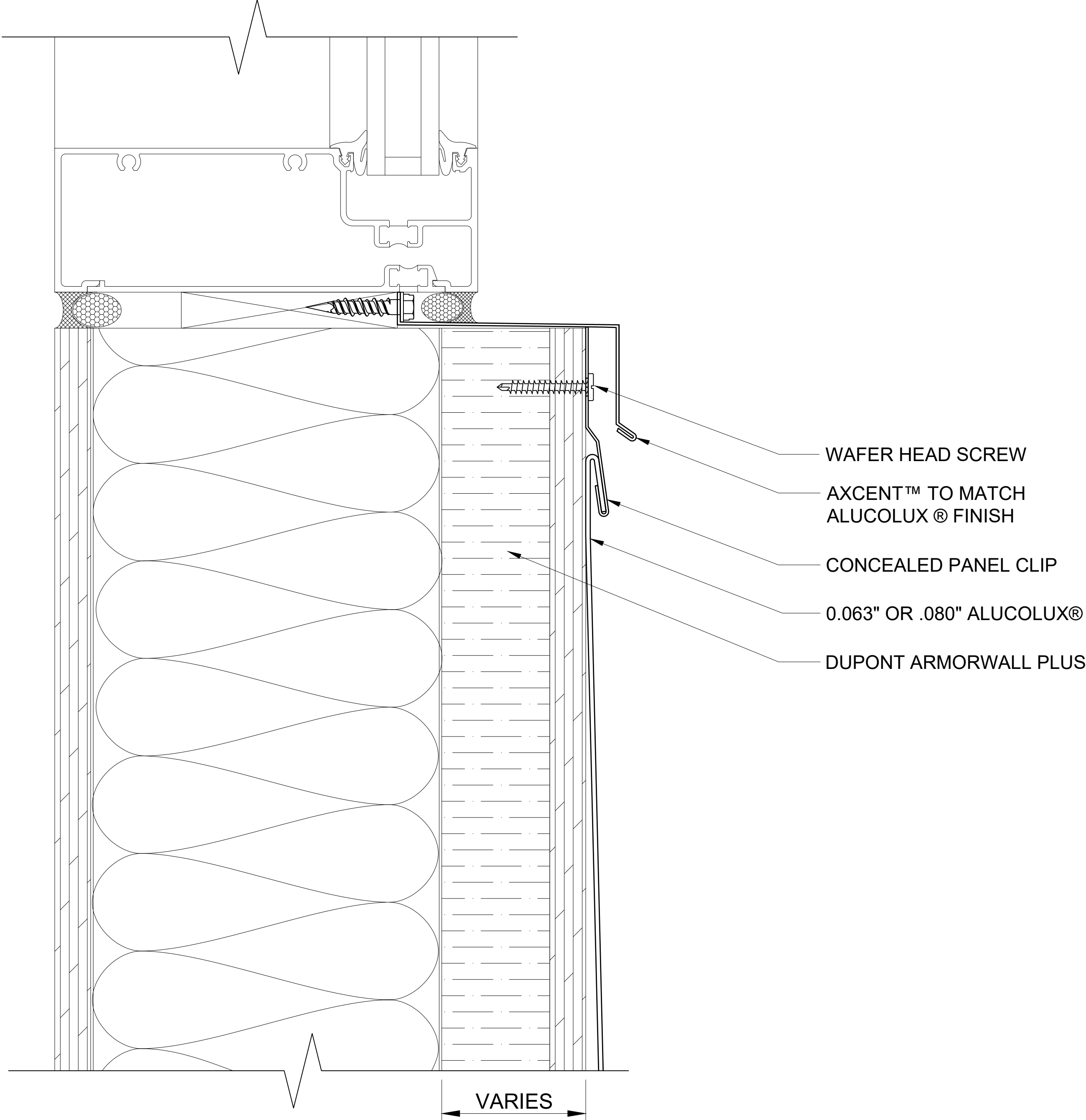


610 WINDOW HEAD
SCALE: 3" = 1' - 0"

ALUCOLUX®

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FLAT LOCK PANEL SYSTEM - ARMORWALL

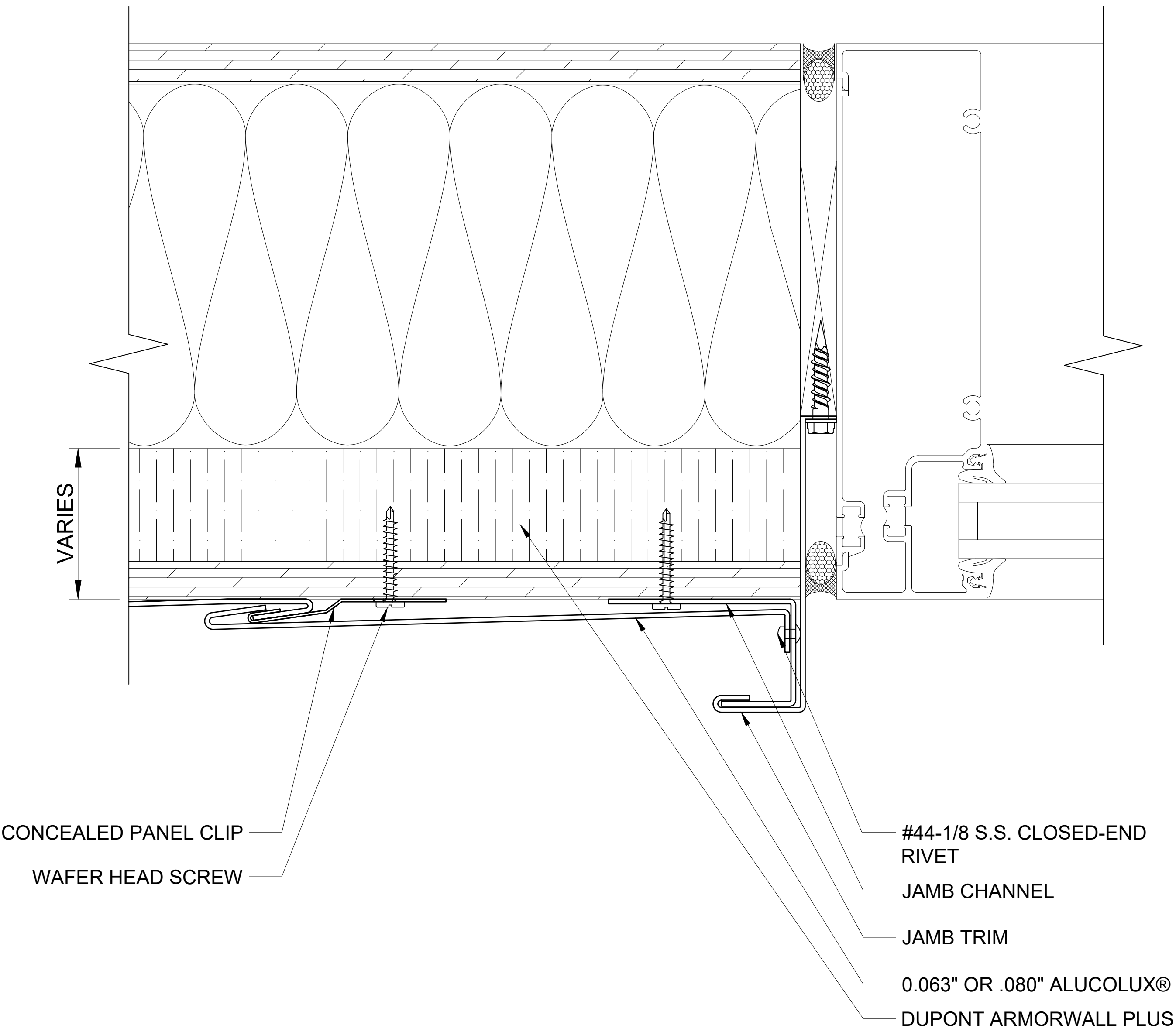


611 WINDOW SILL
SCALE: 3" = 1' - 0"

ALUCOLUX®

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FLAT LOCK PANEL SYSTEM - ARMORWALL



612 WINDOW JAMB - PLAN VIEW
SCALE: 3" = 1' - 0"

ALUCOLUX®

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