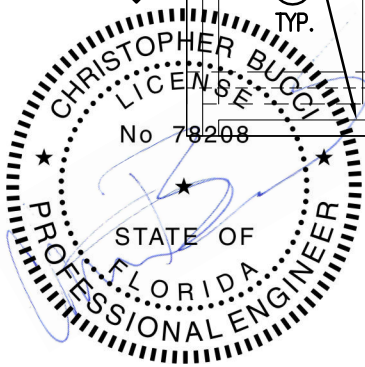


TYPICAL GYPSUM WALL ASSEMBLY
ELEVATION VIEW

NOTE: PANELS, EXTRUSIONS, AND ALL HAT CHANNELS NOT SHOWN FOR CLARITY



- ① 5/8" TYPE X, GLASSMAT-FACED EXTERIOR GRADE GYPSUM SHEATHING WITH 4" 20 GA. COLD-FORMED STRAPPING MECHANICALLY FASTENED TO COLD-FORMED FRAMING IN 2' x 2' GRID (ADDITIONAL STRAPPING INSTALLED ALONG HORIZONTAL PANEL JOINT)
- ② HENRY AIR-BLOC 31MR FLUID-APPLIED AIR AND WATER BARRIER
- ③ 2-1/2" WIDE x 3/16" THICK FOAM TAPE APPLIED TO COLD-FORMED STRAPPING
- ③A 2" WIDE GAPS IN FOAM TAPE FOR VENTING AT 24" O.C. (HORIZONTAL SPACING) AND AT INTERFACES WITH VERTICAL FOAM TAPE; VERTICAL FOAM TAPE AT EDGES AND PANEL JOINTS TO BE CONTINUOUS
- ④ 18 GA. 1-1/2" HAT CHANNELS INSTALLED AT 24" O.C. AND 3" FROM TOP AND BOTTOM PANEL EDGES (HATS AT PANEL SIDES INSTALLED TIGHT TO PANEL EDGE)
- ⑤ PECORA 896 PANEL ADHESIVE APPLIED IN 1/2" THICK LINES ALONG FULL LENGTH OF HAT CHANNELS
- ⑥ METAL FLASHING FASTENED TO COLD-FORMED FRAMING
- ⑦ MEMBRANE OR FLUID-APPLIED AIR AND WATER BARRIER TO LAP OVER METAL FLASHING IN SHINGLE FASHION
- ⑧ CENTERLINE OF PANEL JOINTS

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OMEGA-LITE® ACM WALL PANELS

DETAIL KEY - GYPSUM WALL ASSEMBLY
DRY SEAL OVER GYPSUM W/ STRAPPING

NOTE: SEE LAMINATORS INSTALLATION GUIDELINES FOR MORE INFORMATION ON ATTACHMENT PROCEDURES



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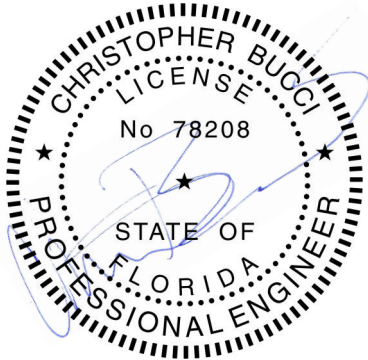
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18 GA. 1-1/2" HAT CHANNELS (BEYOND)
MECHANICALLY FASTENED TO
COLD-FORMED STRAPPING USING #10 X
1/2" PPH SCREW FASTENERS AT 4" O.C.
ALONG HAT CHANNEL FLANGES W/ (4)
FASTENERS AT EACH END; HAT CHANNELS
INSTALLED AT 24" O.C.

PECORA 896 SILICONE PANEL ADHESIVE
APPLIED ALONG FULL LENGTH OF HAT
CHANNELS IN 1/2" THICK LINES

VERTICALLY ORIENTED COLD-FORMED
STRAPPING (20 GA. MIN) BEYOND
FASTENED THROUGH GYPSUM SHEATHING
TO STRUCTURAL STUD FRAMING BEHIND
USING (3) #8 X 1" PPH SCREW
FASTENERS AT EACH STUD LOCATION



PECORA 860 SILICONE PANEL ADHESIVE
APPLIED TO PANEL ROU P PRIOR TO
BENDING TO FORM PANEL CORNER AND
APPLIED BETWEEN FORMED PANEL
CORNER AND Z-EXTRUSION, TYP.

6mm OMEGA-LITE PANEL, TYP.

Z-EXTRUSION
(PART NO. 44DS-Z)

#6 x 1/4" PPH
SCREWS INSTALLED
AT 6" O.C., TYP.

3" MAX.

3/4"

PANEL INSERT STRIP

HENRY AIR-BLOCK 31MR
FLUID-APPLIED AIR AND
WATER BARRIER

5/8" EXTERIOR GRADE GYPSUM
SHEATHING OVER STRUCTURAL
STUD FRAMING

CONNECTOR EXTRUSION
(PART NO. 44DS-CONNECTOR)

#10 X 1/2" PPH SCREW
FASTENERS INSTALLED AT
4" O.C., TYP.

HORIZONTALLY ORIENTED
COLD-FORMED STRAPPING
(20 GA. MIN) ALONG
CENTERLINE OF PANEL JOINT
FASTENED THROUGH GYPSUM
SHEATHING TO STRUCTURAL
STUD FRAMING BEHIND USING
(3) #8 X 1" PPH SCREW
FASTENERS AT EACH STUD
LOCATION

FOAM TAPE APPLIED TO
COLD-FORMED STRAPPING
CENTERED ALONG PANEL
JOINT; MAINTAIN 2" GAPS
FOR VENTING AT 24" O.C.
AND AT INTERFACES WITH
VERTICAL FOAM TAPE

SECTION VIEW

NOTE: SPACING SHOWN BETWEEN
PANELS AND SUBSTRATES AND
THICKNESS OF SOME PANEL SYSTEM
COMPONENTS EXAGGERATED FOR CLARITY

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OMEGA-LITE® ACM WALL PANELS

DETAIL A - TYPICAL JOINT DETAIL
DRY SEAL OVER GYPSUM W/ STRAPPING

NOTE: SEE LAMINATORS INSTALLATION GUIDELINES
FOR MORE INFORMATION ON ATTACHMENT PROCEDURES

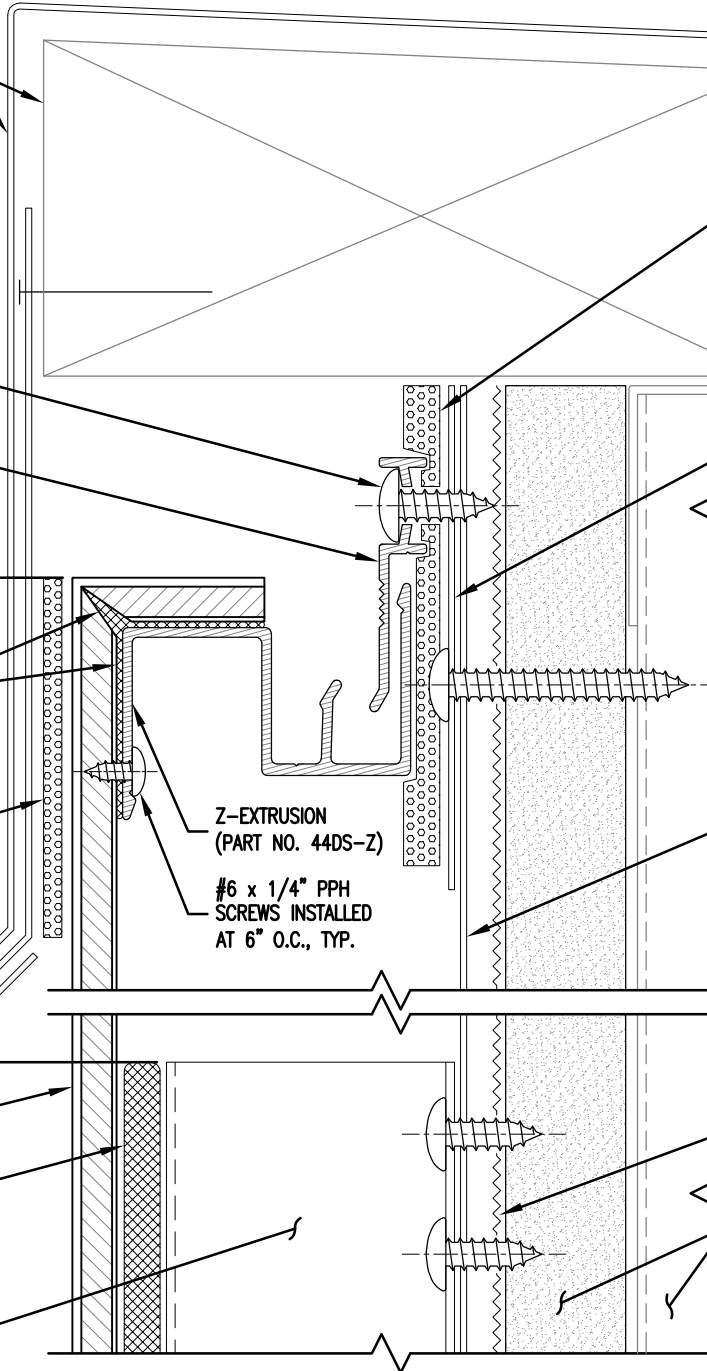
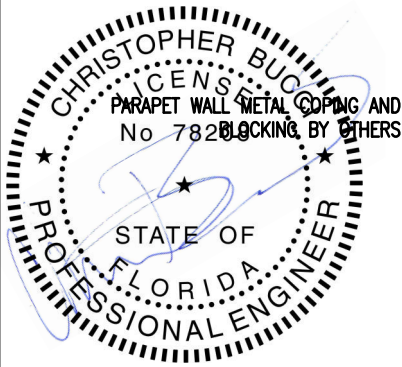
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PARAPET WALL METAL COPING AND BLOCKING BY OTHERS

#10 X 1/2" PPH SCREW FASTENERS INSTALLED AT 4" O.C., TYP.

END-OF-RUN/STARTER EXTRUSION (PART NO. 44DS-ENDRUN)

PECORA 860 SILICONE PANEL ADHESIVE APPLIED TO PANEL ROUT PRIOR TO BENDING TO FORM PANEL CORNER AND APPLIED BETWEEN FORMED PANEL CORNER AND Z-EXTRUSION, TYP.

FOAM TAPE APPLIED BETWEEN OMEGA-LITE PANEL AND METAL COPING SYSTEM. MAINTAIN 2" MIN. GAPS FOR VENTING AT 24" O.C.

3" MAX.

Z-EXTRUSION (PART NO. 44DS-Z)

#6 x 1/4" PPH SCREWS INSTALLED AT 6" O.C., TYP.

FOAM TAPE APPLIED TO COLD-FORMED STRAPPING ALONG BOTTOM OF WALL; MAINTAIN 2" GAPS FOR VENTING AT 24" O.C. AND AT INTERFACES WITH VERTICAL FOAM TAPE

HORIZONTALLY ORIENTED COLD-FORMED STRAPPING (20 GA. MIN) ALONG TOP OF WALL FASTENED THROUGH GYPSUM SHEATHING TO STRUCTURAL STUD FRAMING BEHIND USING (3) #8 X 1" PPH SCREW FASTENERS AT EACH STUD LOCATION

VERTICALLY ORIENTED COLD-FORMED STRAPPING (20 GA. MIN) BEYOND FASTENED THROUGH GYPSUM SHEATHING TO STRUCTURAL STUD FRAMING BEHIND USING (3) #8 X 1" PPH SCREW FASTENERS AT EACH STUD LOCATION (FASTENERS NOT SHOWN FOR CLARITY)

6mm OMEGA-LITE PANEL, TYP.

PECORA 896 SILICONE PANEL ADHESIVE APPLIED ALONG FULL LENGTH OF HAT CHANNELS IN 1/2" THICK LINES

18 GA. 1-1/2" HAT CHANNELS (BEYOND) MECHANICALLY FASTENED TO COLD-FORMED STRAPPING USING #10 X 1/2" PPH SCREW FASTENERS AT 4" O.C. ALONG HAT CHANNEL FLANGES W/ (4) FASTENERS AT EACH END; HAT CHANNELS INSTALLED AT 24" O.C.

HENRY AIR-BLOCK 31MR FLUID-APPLIED AIR AND WATER BARRIER

5/8" EXTERIOR GRADE GYPSUM SHEATHING OVER STRUCTURAL STUD FRAMING

SECTION VIEW

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

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OMEGA-LITE® ACM WALL PANELS

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DETAIL B - TYPICAL TOP OF WALL DETAIL
DRY SEAL OVER GYPSUM W/ STRAPPING

NOTE: SEE LAMINATORS INSTALLATION GUIDELINES FOR MORE INFORMATION ON ATTACHMENT PROCEDURES



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NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

18 GA. 1-1/2" HAT CHANNELS (BEYOND) MECHANICALLY FASTENED TO COLD-FORMED STRAPPING USING #10 X 1/2" PPH SCREW FASTENERS AT 4" O.C. ALONG HAT CHANNEL FLANGES W/ (4) FASTENERS AT EACH END; HAT CHANNELS INSTALLED AT 24" O.C.

PECORA 896 SILICONE PANEL ADHESIVE APPLIED ALONG FULL LENGTH OF HAT CHANNELS IN 1/2" THICK LINES

VERTICALLY ORIENTED COLD-FORMED STRAPPING (20 GA. MIN) BEYOND FASTENED THROUGH GYPSUM SHEATHING TO STRUCTURAL STUD FRAMING BEHIND USING (3) #8 X 1" PPH SCREW FASTENERS AT EACH STUD LOCATION (FASTENERS NOT SHOWN FOR CLARITY); STRAPPING TO END SHORT OF HORIZONTAL STRAPPING FACILITATE INSTALLATION OF FLASHING

6mm OMEGA-LITE PANEL, TYP.

3" MAX.

PECORA 860 SILICONE PANEL ADHESIVE APPLIED TO PANEL ROUT PRIOR TO BENDING TO FORM PANEL CORNER AND APPLIED BETWEEN FORMED PANEL CORNER AND Z-EXTRUSION, TYP.

#6 x 1/4" PPH SCREWS INSTALLED AT 6" O.C., TYP.

Z-EXTRUSION (PART NO. 44DS-Z)

PANEL INSERT STRIP

3/4"

HENRY AIR-BLOCK 31MR FLUID-APPLIED AIR AND WATER BARRIER

EXTERIOR GRADE GYPSUM SHEATHING OVER STRUCTURAL STUD FRAMING

MEMBRANE OR FLUID-APPLIED AIR AND WATER BARRIER LAP INSTALLED IN SHINGLE FASHION

HORIZONTALLY ORIENTED COLD-FORMED STRAPPING (20 GA. MIN) ALONG BOTTOM OF WALL FASTENED THROUGH GYPSUM SHEATHING TO STRUCTURAL STUD FRAMING BEHIND USING (3) #8 X 1" PPH SCREW FASTENERS AT EACH STUD LOCATION

FOAM TAPE APPLIED TO COLD-FORMED STRAPPING ALONG BOTTOM OF WALL; MAINTAIN 2" GAPS FOR VENTING AT 24" O.C. AND AT INTERFACES WITH VERTICAL FOAM TAPE

END-OF-RUN/STARTER EXTRUSION (PART NO. 44DS-ENDRUN)

3" LONG, 5/8" X 1/2" FOAM TAPE AT 36" O.C. BETWEEN PANEL INSERT STRIP AND END-OF-RUN/STARTER EXTRUSION

#10 X 1/2" PPH SCREW FASTENERS INSTALLED AT 4" O.C., TYP.

METAL FLASHING FASTENED THROUGH GYPSUM SHEATHING TO STRUCTURAL STUD FRAMING BEHIND WITH (2) #10 X 1" PPH FASTENERS AT 12" O.C.

SECTION VIEW

CONTINUOUS BUTYL SEALANT BETWEEN METAL FLASHING AND GRADE

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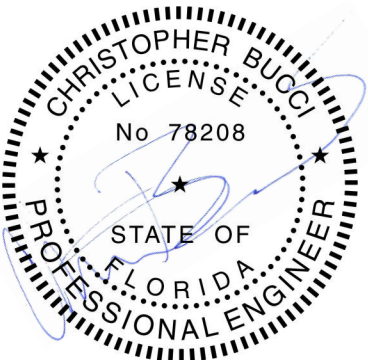
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DETAIL C - TYPICAL GRADE DETAIL
DRY SEAL OVER GYPSUM W/ STRAPPING

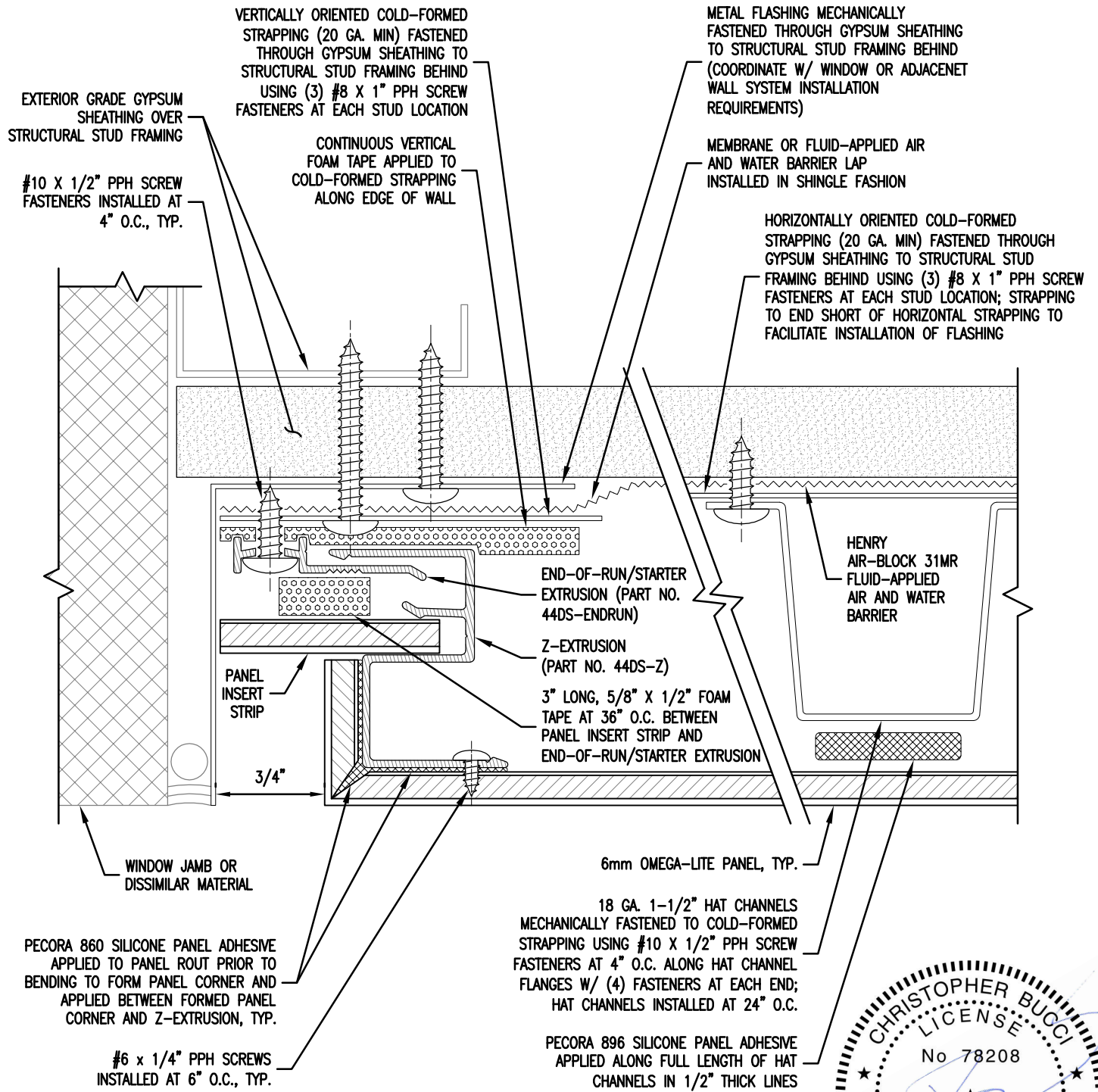
NOTE: SEE LAMINATORS INSTALLATION GUIDELINES FOR MORE INFORMATION ON ATTACHMENT PROCEDURES

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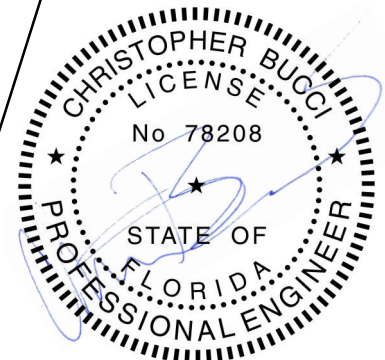


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PLAN SECTION VIEW



NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

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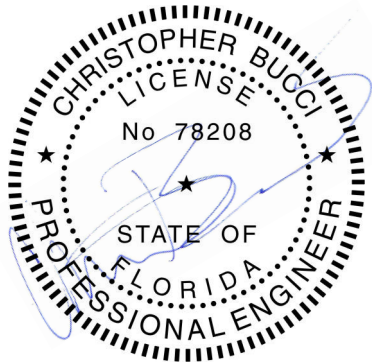
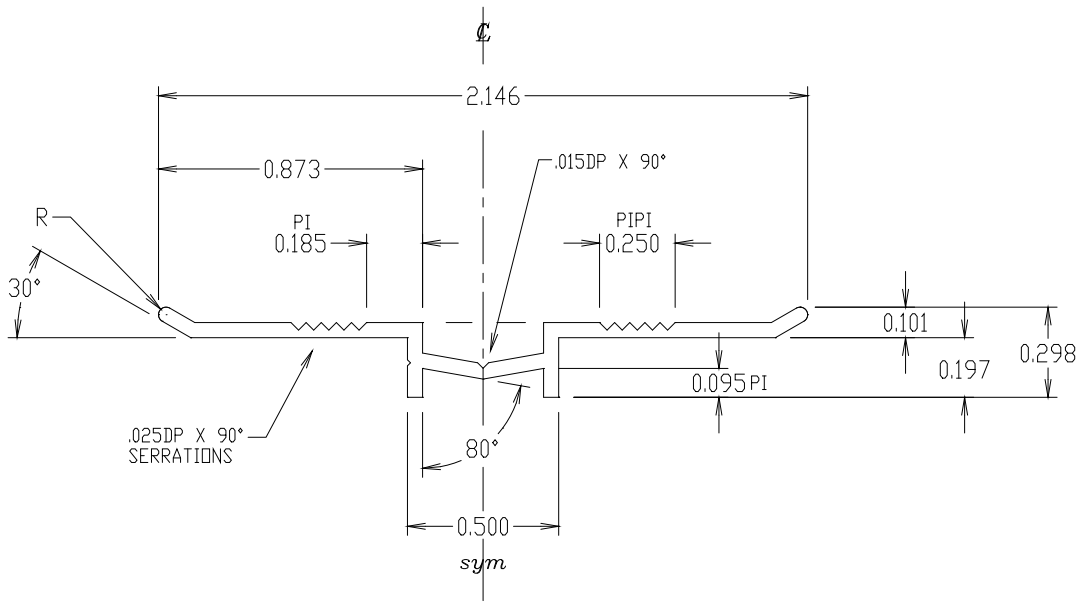
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DETAIL D - TYPICAL END OF RUN DETAIL
DRY SEAL OVER GYPSUM W/ STRAPPING

NOTE: SEE LAMINATORS INSTALLATION GUIDELINES FOR MORE INFORMATION ON ATTACHMENT PROCEDURES

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- NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
 2. UNSPECIFIED WALL THICKNESS .050
 3. NOT DRAWN TO SCALE

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OMEGA-LITE® ACM WALL PANELS

File Name: MiamiDade LAM-DS-002

CONNECTOR (PART NO. 44DS-CONNECTOR)
 DRY SEAL OVER GYPSUM W/ STRAPPING

NOTE: SEE LAMINATORS INSTALLATION GUIDELINES
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