UNIVERSAL COMPOSITE PANEL SYSTEMS

DETAIL QUICK REFERENCE

DETAIL No.	DESCRIPTION
1	J @ WALL AND M @ PANEL
2	H @ WALL AND M @ PANEL
3	H @ WALL AND M @ PANEL
4	H @ WALL AND M @ PANEL
5	Y @ WALL AND M @ PANEL
6	J @ WALL AND M @ PANEL
6	Y @ WALL AND M @ PANEL
7	Y @ WALL AND M @ PANEL
8	VERIFY SM OR ACM COPING
9	Y @ WALL AND M @ PANEL
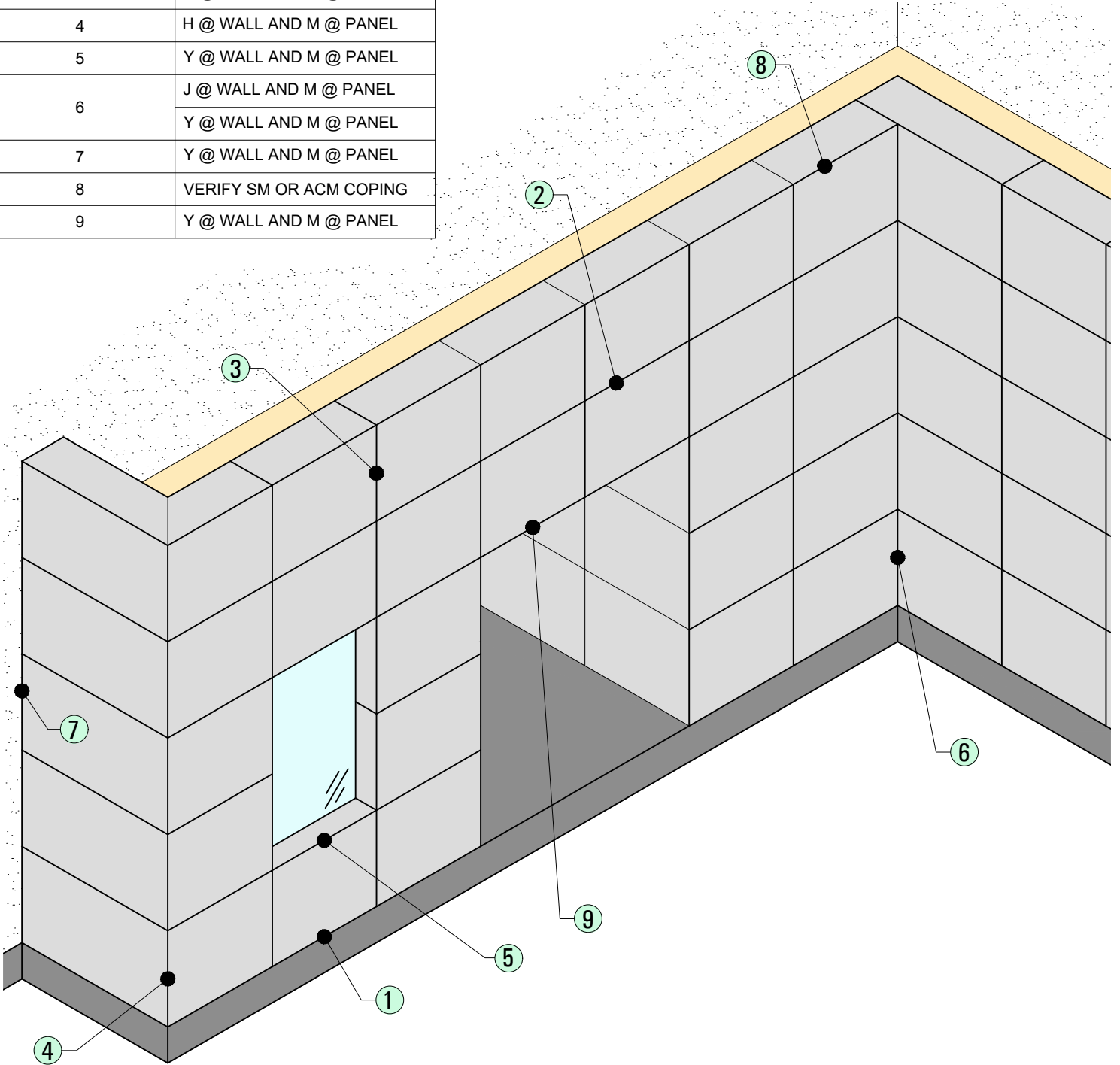
UCPS SERIES 1000 RAINSCREEN (RS) INSTALLATION DETAILS
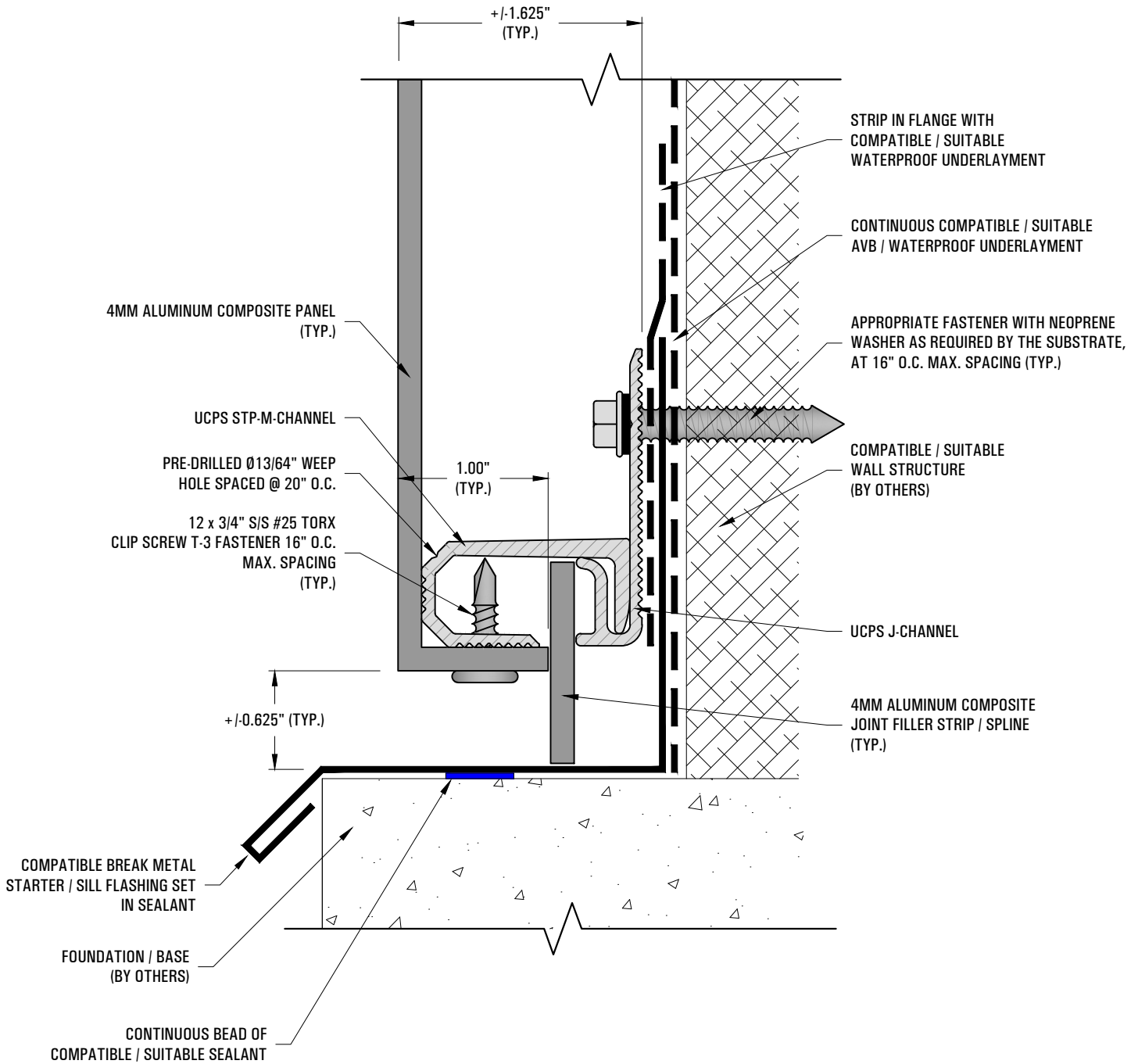
DRAWING REVISIONS		DRAWN BY:	RJH	DETAIL
		CHECKED BY:		
REV. #	DESCRIPTION	DATE:	3/17/25	**C**
001	APPROVED FOR TRAINING 3/17/25	SCALE:	N.T.S.	
		MATERIAL(S):	N/A	

UCPS SERIES 1000 RAINSCREEN (RS)

+/-1.625"
(TYP.)

STRIP IN FLANGE WITH COMPATIBLE / SUITABLE WATERPROOF UNDERLAYMENT

CONTINUOUS COMPATIBLE / SUITABLE AVB / WATERPROOF UNDERLAYMENT

4MM ALUMINUM COMPOSITE PANEL (TYP.)

APPROPRIATE FASTENER WITH NEOPRENE WASHER AS REQUIRED BY THE SUBSTRATE, AT 16" O.C. MAX. SPACING (TYP.)

UCPS STP-M-CHANNEL

PRE-DRILLED Ø13/64" WEEP HOLE SPACED @ 20" O.C.

1.00"
(TYP.)

COMPATIBLE / SUITABLE WALL STRUCTURE (BY OTHERS)

12 x 3/4" S/S #25 TORX CLIP SCREW T-3 FASTENER 16" O.C. MAX. SPACING (TYP.)

UCPS J-CHANNEL

+/-0.625" (TYP.)

4MM ALUMINUM COMPOSITE JOINT FILLER STRIP / SPLINE (TYP.)

COMPATIBLE BREAK METAL STARTER / SILL FLASHING SET IN SEALANT

FOUNDATION / BASE (BY OTHERS)

CONTINUOUS BEAD OF COMPATIBLE / SUITABLE SEALANT

NOTES:

1.   USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.

STARTER / SILL FLASHING ABOVE FOUNDATION DETAIL

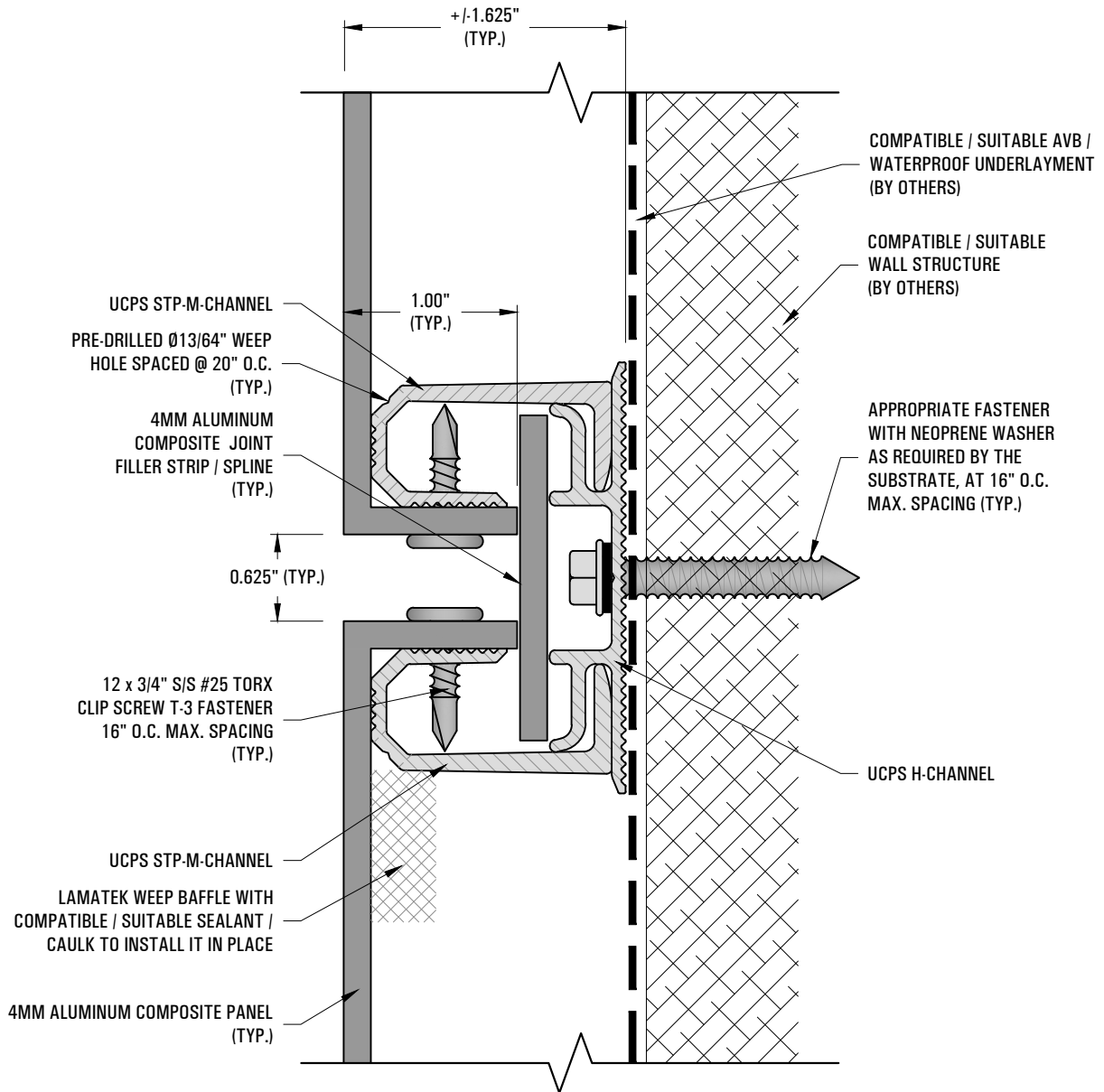| DRAWING REVISIONS		DRAWN BY:	RJH	DETAIL
		CHECKED BY:		
REV. #	DESCRIPTION	DATE:	3/17/25	
001	APPROVED FOR TRAINING 3/17/25	SCALE:	N.T.S.	1
		MATERIAL(S):	UCPS & ACM	

UCPS SERIES 1000 RAINSCREEN (RS)

+/-1.625"
(TYP.)

COMPATIBLE / SUITABLE AVB /
WATERPROOF UNDERLAYMENT
(BY OTHERS)

COMPATIBLE / SUITABLE
WALL STRUCTURE
(BY OTHERS)

UCPS STP-M-CHANNEL

1.00"
(TYP.)

PRE-DRILLED Ø13/64" WEEP
HOLE SPACED @ 20" O.C.
(TYP.)

APPROPRIATE FASTENER
WITH NEOPRENE WASHER
AS REQUIRED BY THE
SUBSTRATE, AT 16" O.C.
MAX. SPACING (TYP.)

4MM ALUMINUM
COMPOSITE JOINT
FILLER STRIP / SPLINE
(TYP.)

0.625" (TYP.)

12 x 3/4" S/S #25 TORX
CLIP SCREW T-3 FASTENER
16" O.C. MAX. SPACING
(TYP.)

UCPS H-CHANNEL

UCPS STP-M-CHANNEL

LAMATEK WEEP BAFFLE WITH
COMPATIBLE / SUITABLE SEALANT /
CAULK TO INSTALL IT IN PLACE

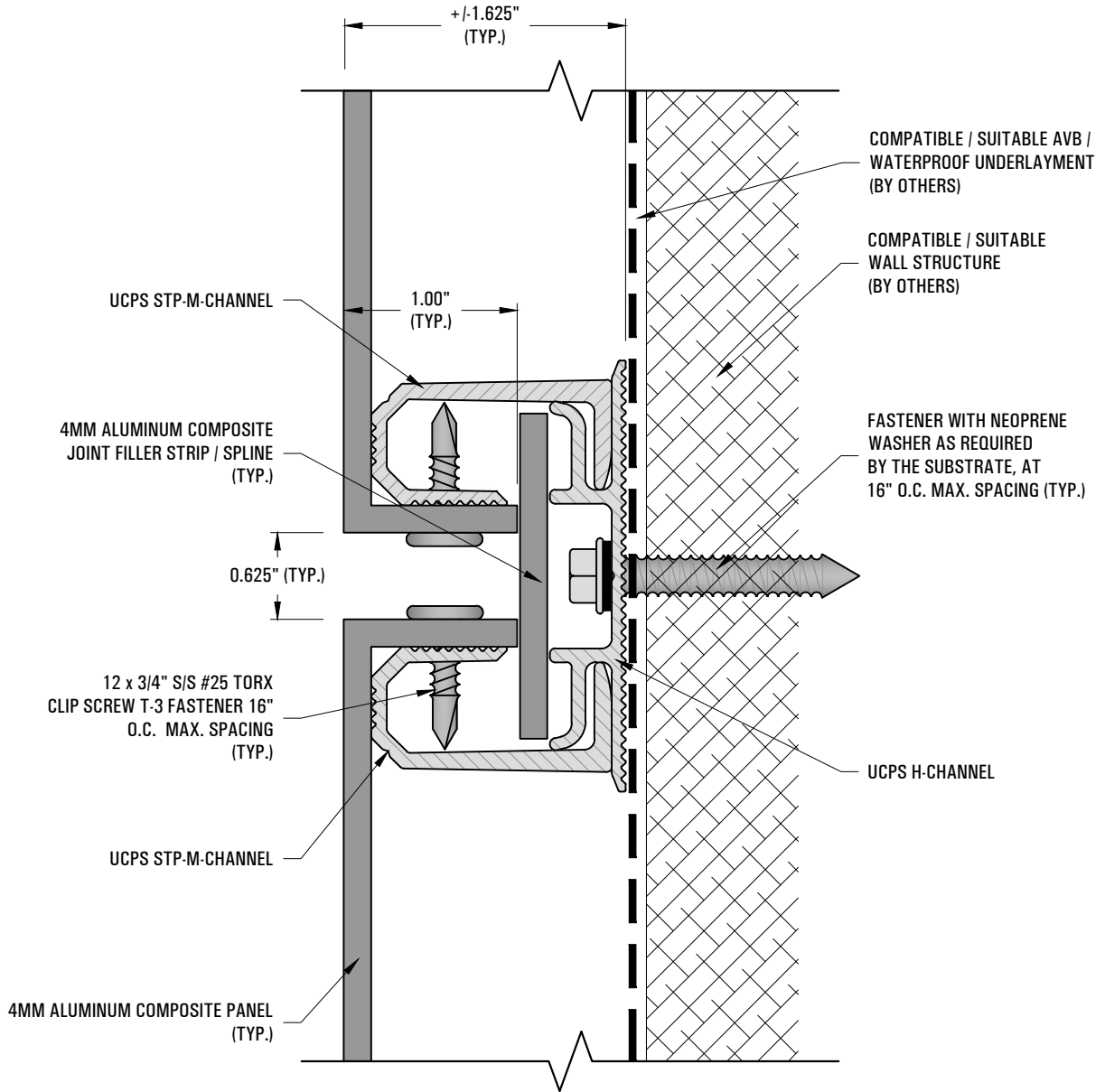4MM ALUMINUM COMPOSITE PANEL
(TYP.)

NOTES:

1.   USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.

TYPICAL HORIZONTAL JOINT DETAIL

	DRAWING REVISIONS		DRAWN BY:	RJH	DETAIL
			CHECKED BY:		
REV. #	DESCRIPTION		DATE:	3/17/25	2
001	APPROVED FOR TRAINING 3/17/25		SCALE:	N.T.S.	
			MATERIAL(S):	UCPS & ACM	

UCPS SERIES 1000 RAINSCREEN (RS)

+/-1.625"
(TYP.)

COMPATIBLE / SUITABLE AVB /
WATERPROOF UNDERLAYMENT
(BY OTHERS)

COMPATIBLE / SUITABLE
WALL STRUCTURE
(BY OTHERS)

UCPS STP-M-CHANNEL

1.00"
(TYP.)

4MM ALUMINUM COMPOSITE
JOINT FILLER STRIP / SPLINE
(TYP.)

FASTENER WITH NEOPRENE
WASHER AS REQUIRED
BY THE SUBSTRATE, AT
16" O.C. MAX. SPACING (TYP.)

0.625" (TYP.)

12 x 3/4" S/S #25 TORX
CLIP SCREW T-3 FASTENER 16"
O.C. MAX. SPACING
(TYP.)

UCPS H-CHANNEL

UCPS STP-M-CHANNEL

4MM ALUMINUM COMPOSITE PANEL
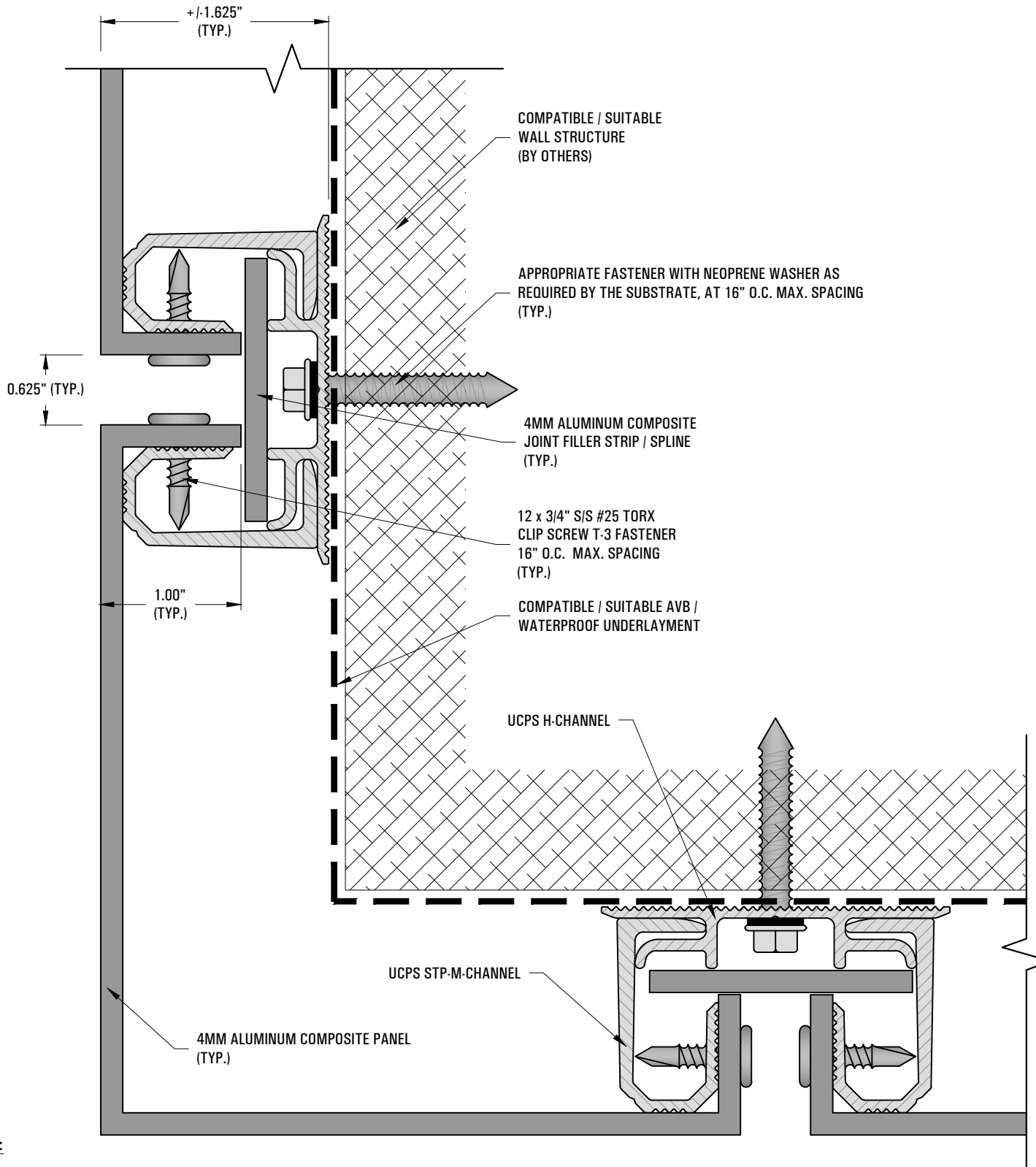(TYP.)

NOTES:

1.   USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.

TYPICAL VERTICAL JOINT DETAIL

DRAWING REVISIONS		DRAWN BY:	RJH	DETAIL
		CHECKED BY:		
REV. #	DESCRIPTION	DATE:	3/17/25	
001	APPROVED FOR TRAINING 3/17/25	SCALE:	N.T.S.	**3**
		MATERIAL(S):	UCPS & ACM	

UCPS SERIES 1000 RAINSCREEN (RS)

+/-1.625"
(TYP.)

COMPATIBLE / SUITABLE
WALL STRUCTURE
(BY OTHERS)

APPROPRIATE FASTENER WITH NEOPRENE WASHER AS
REQUIRED BY THE SUBSTRATE, AT 16" O.C. MAX. SPACING
(TYP.)

0.625" (TYP.)

4MM ALUMINUM COMPOSITE
JOINT FILLER STRIP / SPLINE
(TYP.)

12 x 3/4" S/S #25 TORX
CLIP SCREW T-3 FASTENER
16" O.C. MAX. SPACING
(TYP.)

COMPATIBLE / SUITABLE AVB /
WATERPROOF UNDERLAYMENT

1.00"
(TYP.)

UCPS H-CHANNEL

UCPS STP-M-CHANNEL

4MM ALUMINUM COMPOSITE PANEL
(TYP.)

NOTES:

1.   USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.

TYPICAL OUTSIDE CORNER DETAIL

UCPS SERIES 1000 RAINSCREEN (RS)

WINDOW / CURTAIN WALL SYSTEM
(BY OTHERS)

COMPATIBLE BREAK METAL
WINDOW SILL FLASHING AND
CONTINUOUS CLIP

CONTINUOUS FOAM ROD & SEALANT
(WHERE REQUIRED)

12 x 3/4" S/S #25 TORX
CLIP SCREW T-3 FASTENER
16" O.C. MAX. SPACING
(TYP.)

UCPS STP-M-CHANNEL

UCPS Y-CHANNEL

APPROPRIATE FASTENER WITH NEOPRENE
WASHER AS REQUIRED BY THE
SUBSTRATE, AT 16" O.C. MAX. SPACING
(TYP.)

PRE-DRILLED Ø13/64" WEEP
HOLE SPACED @ 20" O.C.

CONTINUOUS BEAD OF
COMPATIBLE / SUITABLE SEALANT
(TYP.)

COMPATIBLE / SUITABLE
WALL STRUCTURE
(BY OTHERS)

1.00"
(TYP.)

LAMATEK WEEP BAFFLE WITH
COMPATIBLE / SUITABLE SEALANT /
CAULK TO INSTALL IT IN PLACE

COMPATIBLE / SUITABLE AVB /
WATERPROOF UNDERLAYMENT

4MM ALUMINUM COMPOSITE PANEL
(TYP.)

+/-1.625"
(TYP.)

NOTES:

1.   USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.

TYPICAL WINDOW SILL DETAIL

	DRAWING REVISIONS		DRAWN BY:	RJH	DETAIL
			CHECKED BY:		
REV. #	DESCRIPTION		DATE:	3/17/25	
001	APPROVED FOR TRAINING 3/17/25		SCALE:	N.T.S.	5
			MATERIAL(S):	UCPS & ACM	

UCPS SERIES 1000 RAINSCREEN (RS)

COMPATIBLE / SUITABLE WALL STRUCTURE (BY OTHERS)

APPROPRIATE FASTENER WITH NEOPRENE WASHER AS REQUIRED BY THE SUBSTRATE, AT 16" O.C. MAX. SPACING (TYP.)

4MM ALUMINUM COMPOSITE JOINT FILLER STRIP / SPLINE (TYP.)

UCPS J-CHANNEL

+/-1.625" (TYP.)

1.00" (TYP.)

0.625" (TYP.)

UCPS STP-M-CHANNEL

UCPS Y-CHANNEL

12 x 3/4" S/S #25 TORX CLIP SCREW T-3 FASTENER 16" O.C. MAX. SPACING (TYP.)

UCPS STP-M-CHANNEL

COMPATIBLE / SUITABLE WALL STRUCTURE (BY OTHERS)

COMPATIBLE / SUITABLE AVB / WATERPROOF UNDERLAYMENT

4MM ALUMINUM COMPOSITE PANEL (TYP.)
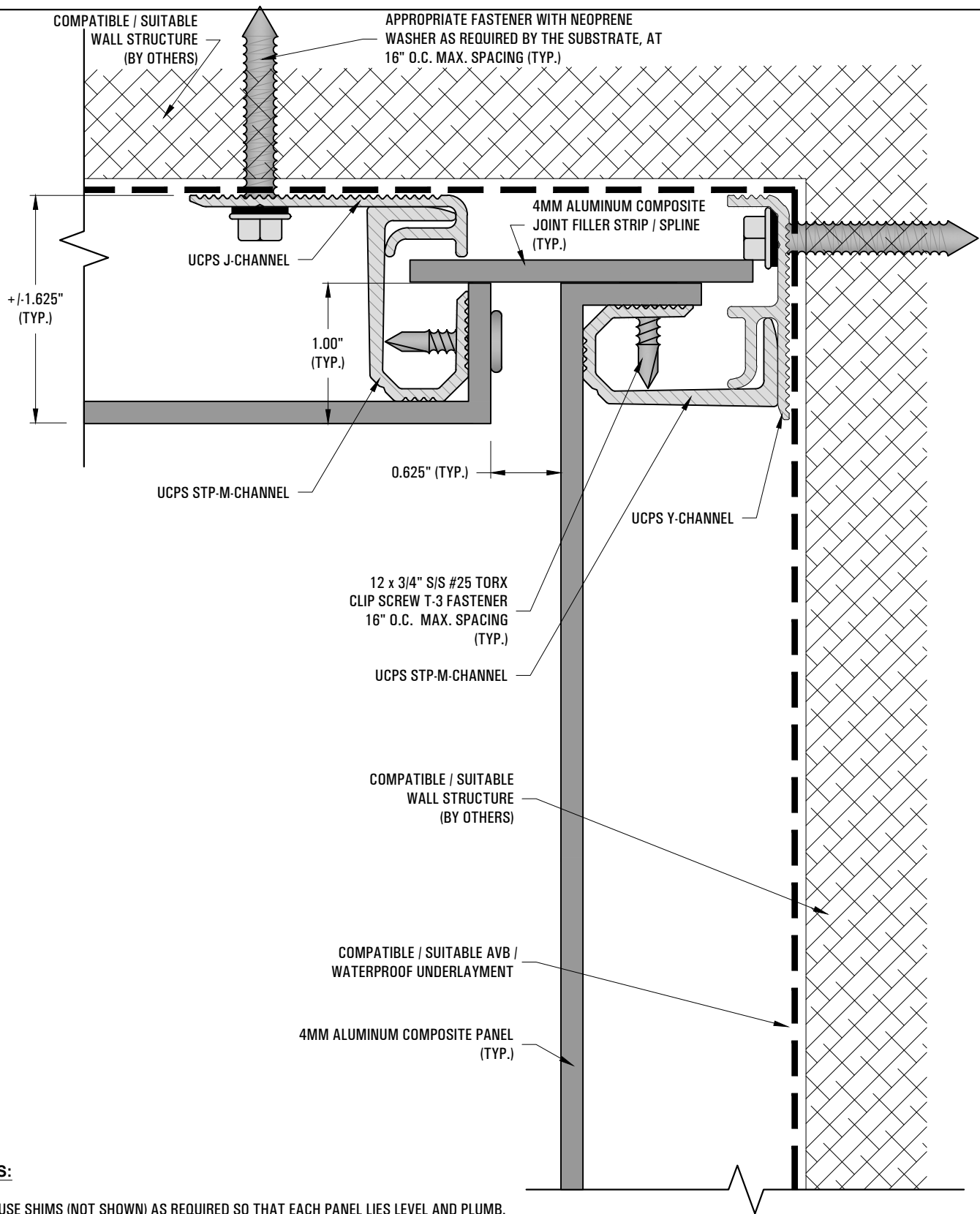
NOTES:

1. USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.

TYPICAL INSIDE CORNER DETAIL

DRAWING REVISIONS		DRAWN BY:	RJH	DETAIL
		CHECKED BY:		
REV. #	DESCRIPTION	DATE:	3/17/25	
001	APPROVED FOR TRAINING 3/17/25	SCALE:	N.T.S.	6
		MATERIAL(S):	UCPS & ACM	

UCPS SERIES 1000 RAINSCREEN (RS)

WALL / DISSIMILAR MATERIAL (BY OTHERS)

4MM ALUMINUM COMPOSITE JOINT FILLER STRIP / SPLINE (TYP.)

CONTINUOUS BEAD OF COMPATIBLE / SUITABLE SEALANT

APPROPRIATE FASTENER WITH NEOPRENE WASHER AS REQUIRED BY THE SUBSTRATE, AT 16" O.C. MAX. SPACING (TYP.)

+/-0.625" (TYP.)

12 x 3/4" S/S #25 TORX CLIP SCREW T-3 FASTENER 16" O.C. MAX. SPACING (TYP.)

UCPS STP-Y-CHANNEL SET IN SEALANT

1.00" (TYP.)

UCPS STP-M-CHANNEL

COMPATIBLE / SUITABLE WALL STRUCTURE (BY OTHERS)

4MM ALUMINUM COMPOSITE PANEL

COMPATIBLE / SUITABLE AVB / WATERPROOF UNDERLAYMENT

+/-1.625" (TYP.)
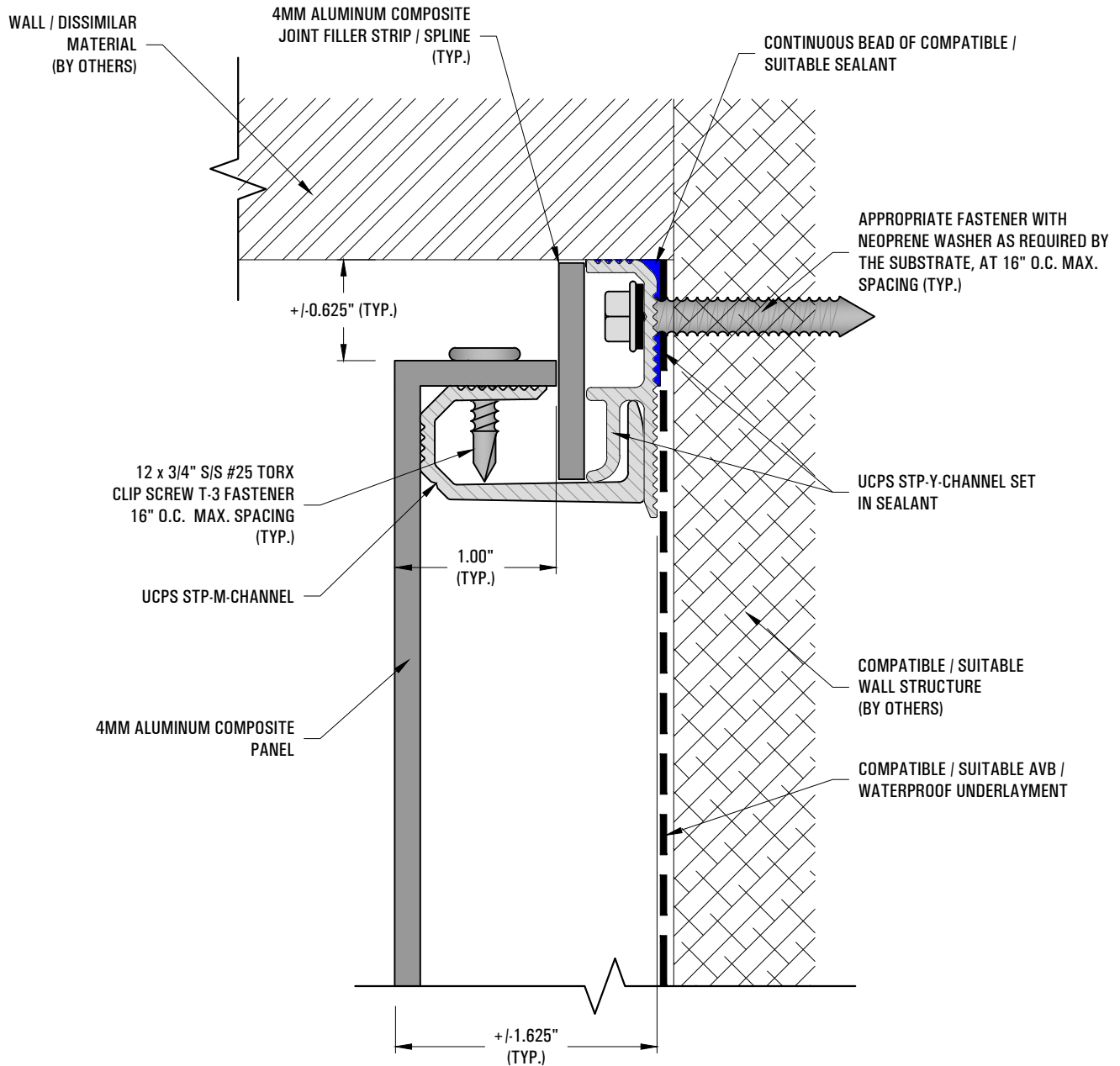
NOTES:

1.   USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.
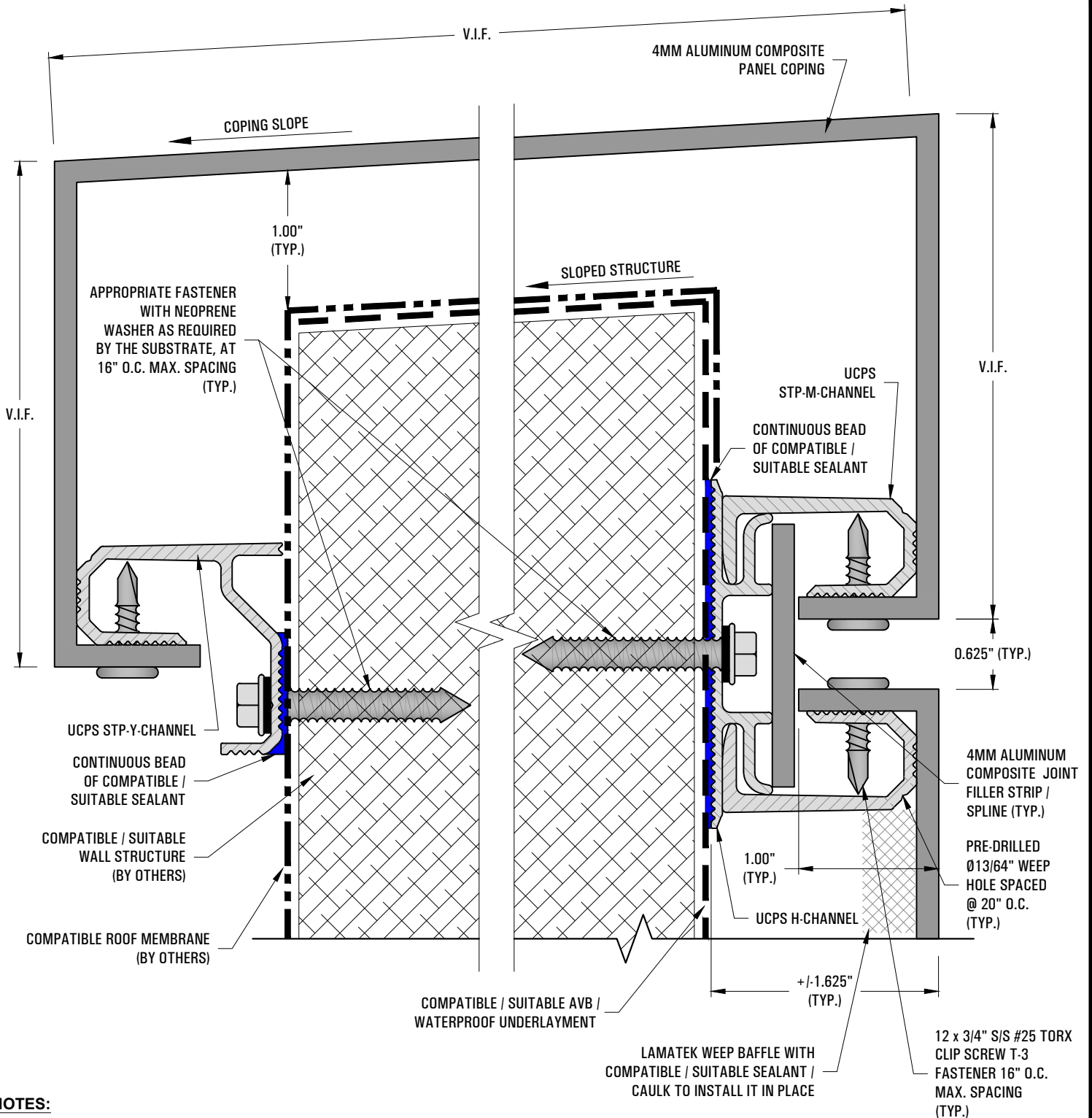
TYP. PANEL TO WALL / DISSIMILAR MATERIAL DETAIL

UCPS SERIES 1000 RAINSCREEN (RS)

V.I.F.

4MM ALUMINUM COMPOSITE PANEL COPING

COPING SLOPE

1.00" (TYP.)

SLOPED STRUCTURE

APPROPRIATE FASTENER WITH NEOPRENE WASHER AS REQUIRED BY THE SUBSTRATE, AT 16" O.C. MAX. SPACING (TYP.)

UCPS STP-M-CHANNEL

CONTINUOUS BEAD OF COMPATIBLE / SUITABLE SEALANT

V.I.F.

V.I.F.

UCPS STP-Y-CHANNEL

0.625" (TYP.)

CONTINUOUS BEAD OF COMPATIBLE / SUITABLE SEALANT

COMPATIBLE / SUITABLE WALL STRUCTURE (BY OTHERS)

4MM ALUMINUM COMPOSITE JOINT FILLER STRIP / SPLINE (TYP.)

PRE-DRILLED Ø13/64" WEEP HOLE SPACED @ 20" O.C. (TYP.)

1.00" (TYP.)

UCPS H-CHANNEL

COMPATIBLE ROOF MEMBRANE (BY OTHERS)

+/-1.625" (TYP.)

COMPATIBLE / SUITABLE AVB / WATERPROOF UNDERLAYMENT

LAMATEK WEEP BAFFLE WITH COMPATIBLE / SUITABLE SEALANT / CAULK TO INSTALL IT IN PLACE

12 x 3/4" S/S #25 TORX CLIP SCREW T-3 FASTENER 16" O.C. MAX. SPACING (TYP.)

NOTES:

1. USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.

ACM COPING DETAIL

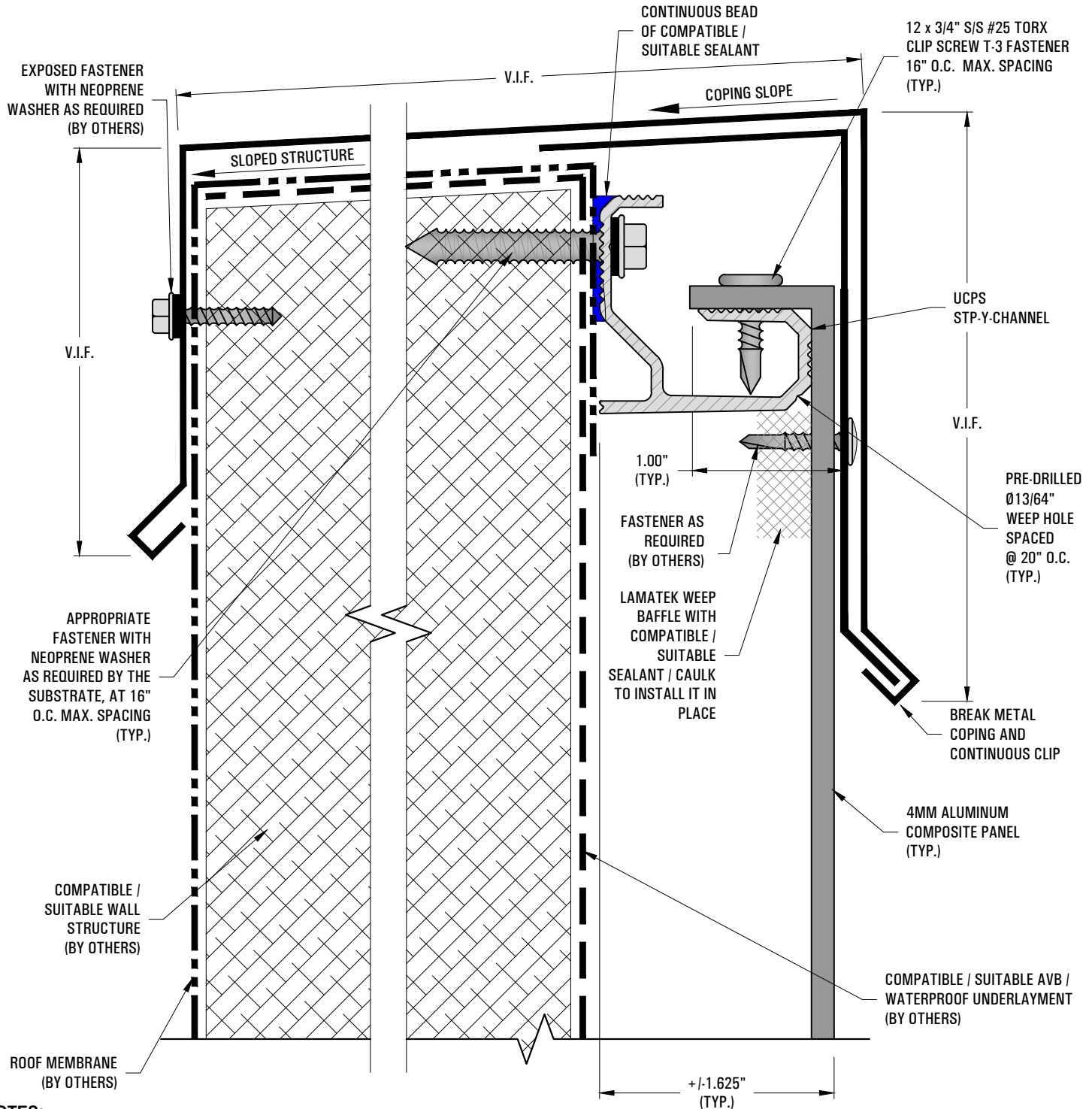| DRAWING REVISIONS		DRAWN BY:	RJH	DETAIL
		CHECKED BY:		
REV. #	DESCRIPTION	DATE:	3/17/25	8
001	APPROVED FOR TRAINING 3/17/25	SCALE:	N.T.S.	
		MATERIAL(S):	UCPS & ACM	

UCPS SERIES 1000 RAINSCREEN (RS)

CONTINUOUS BEAD OF COMPATIBLE / SUITABLE SEALANT

12 x 3/4" S/S #25 TORX CLIP SCREW T-3 FASTENER 16" O.C. MAX. SPACING (TYP.)

V.I.F.

COPING SLOPE

EXPOSED FASTENER WITH NEOPRENE WASHER AS REQUIRED (BY OTHERS)

SLOPED STRUCTURE

V.I.F.

UCPS STP-Y-CHANNEL

V.I.F.

1.00" (TYP.)

PRE-DRILLED Ø13/64" WEEP HOLE SPACED @ 20" O.C. (TYP.)

APPROPRIATE FASTENER WITH NEOPRENE WASHER AS REQUIRED BY THE SUBSTRATE, AT 16" O.C. MAX. SPACING (TYP.)

FASTENER AS REQUIRED (BY OTHERS)

LAMATEK WEEP BAFFLE WITH COMPATIBLE / SUITABLE SEALANT / CAULK TO INSTALL IT IN PLACE

BREAK METAL COPING AND CONTINUOUS CLIP

4MM ALUMINUM COMPOSITE PANEL (TYP.)

COMPATIBLE / SUITABLE WALL STRUCTURE (BY OTHERS)

COMPATIBLE / SUITABLE AVB / WATERPROOF UNDERLAYMENT (BY OTHERS)

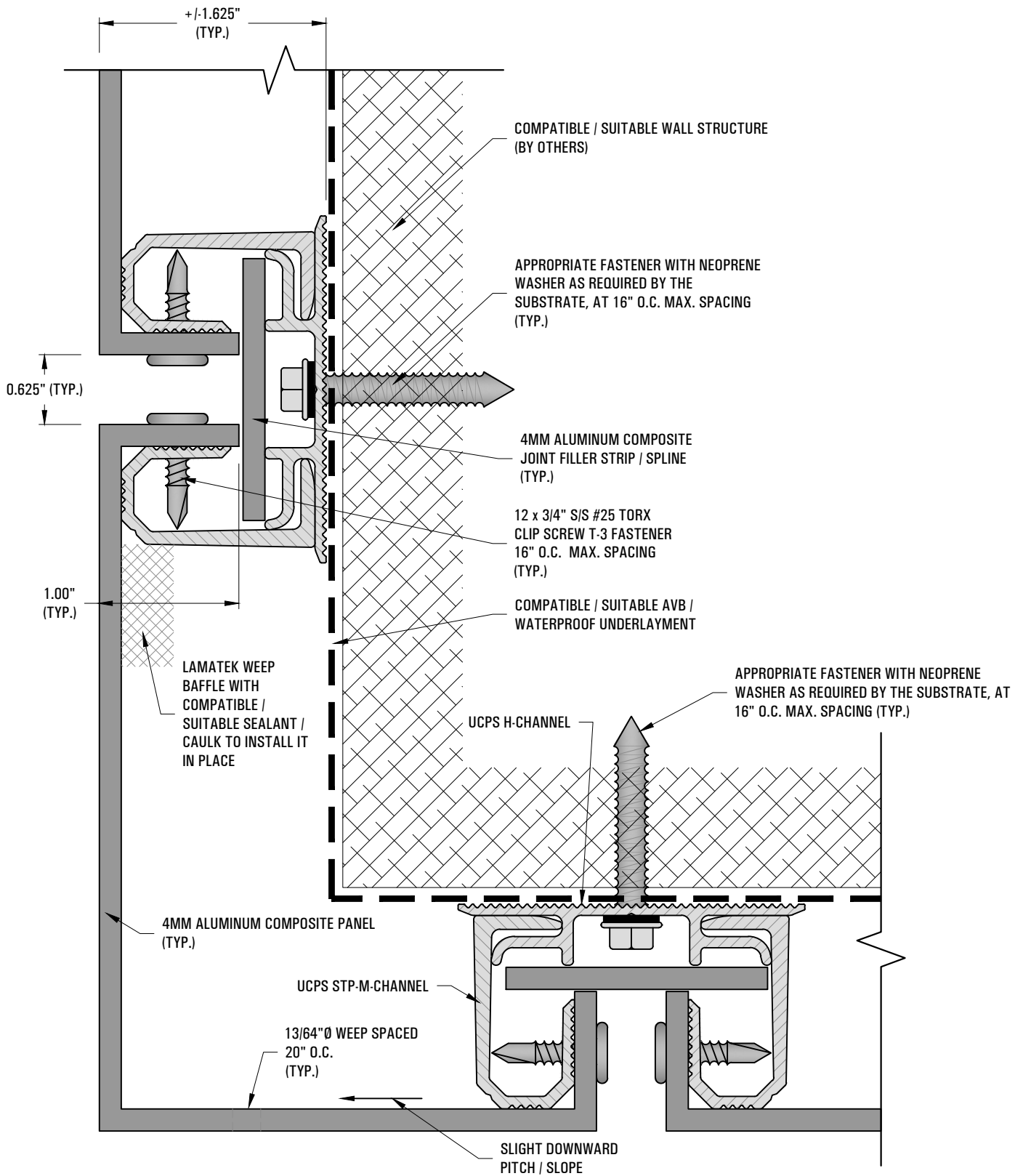ROOF MEMBRANE (BY OTHERS)

+/-1.625" (TYP.)

NOTES:

1. USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.

BREAK METAL COPING DETAIL

DRAWING REVISIONS			DRAWN BY:	RJH	DETAIL
REV. #	DESCRIPTION		CHECKED BY:		
REV 1	APPROVED FOR TRAINING 3/17/25		DATE:	3/17/25	8A
			SCALE:	N.T.S.	
			MATERIAL(S):	UCPS & ACM	

UCPS SERIES 1000 RAINSCREEN (RS)

+/-1.625"
(TYP.)

COMPATIBLE / SUITABLE WALL STRUCTURE
(BY OTHERS)

APPROPRIATE FASTENER WITH NEOPRENE
WASHER AS REQUIRED BY THE
SUBSTRATE, AT 16" O.C. MAX. SPACING
(TYP.)

0.625" (TYP.)

4MM ALUMINUM COMPOSITE
JOINT FILLER STRIP / SPLINE
(TYP.)

12 x 3/4" S/S #25 TORX
CLIP SCREW T-3 FASTENER
16" O.C. MAX. SPACING
(TYP.)

COMPATIBLE / SUITABLE AVB /
WATERPROOF UNDERLAYMENT

1.00"
(TYP.)

LAMATEK WEEP
BAFFLE WITH
COMPATIBLE /
SUITABLE SEALANT /
CAULK TO INSTALL IT
IN PLACE

UCPS H-CHANNEL

APPROPRIATE FASTENER WITH NEOPRENE
WASHER AS REQUIRED BY THE SUBSTRATE, AT
16" O.C. MAX. SPACING (TYP.)

4MM ALUMINUM COMPOSITE PANEL
(TYP.)

UCPS STP-M-CHANNEL

13/64"Ø WEEP SPACED
20" O.C.
(TYP.)

SLIGHT DOWNWARD
PITCH / SLOPE

NOTES:

1.   USE SHIMS (NOT SHOWN) AS REQUIRED SO THAT EACH PANEL LIES LEVEL AND PLUMB.

TYPICAL FASCIA / WALL TO SOFFIT DETAIL

DRAWING REVISIONS		DRAWN BY:	RJH	DETAIL
		CHECKED BY:		
REV. #	DESCRIPTION	DATE:	3/17/25	
001	APPROVED FOR TRAINING 3/17/25	SCALE:	N.T.S.	9
		MATERIAL(S):	UCPS & ACM	