

Two Layer Steel Attachment System with Adhesive



AMERICAN
FIBER CEMENT



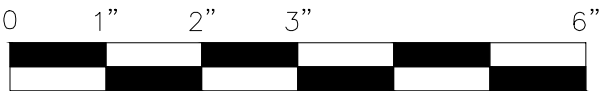
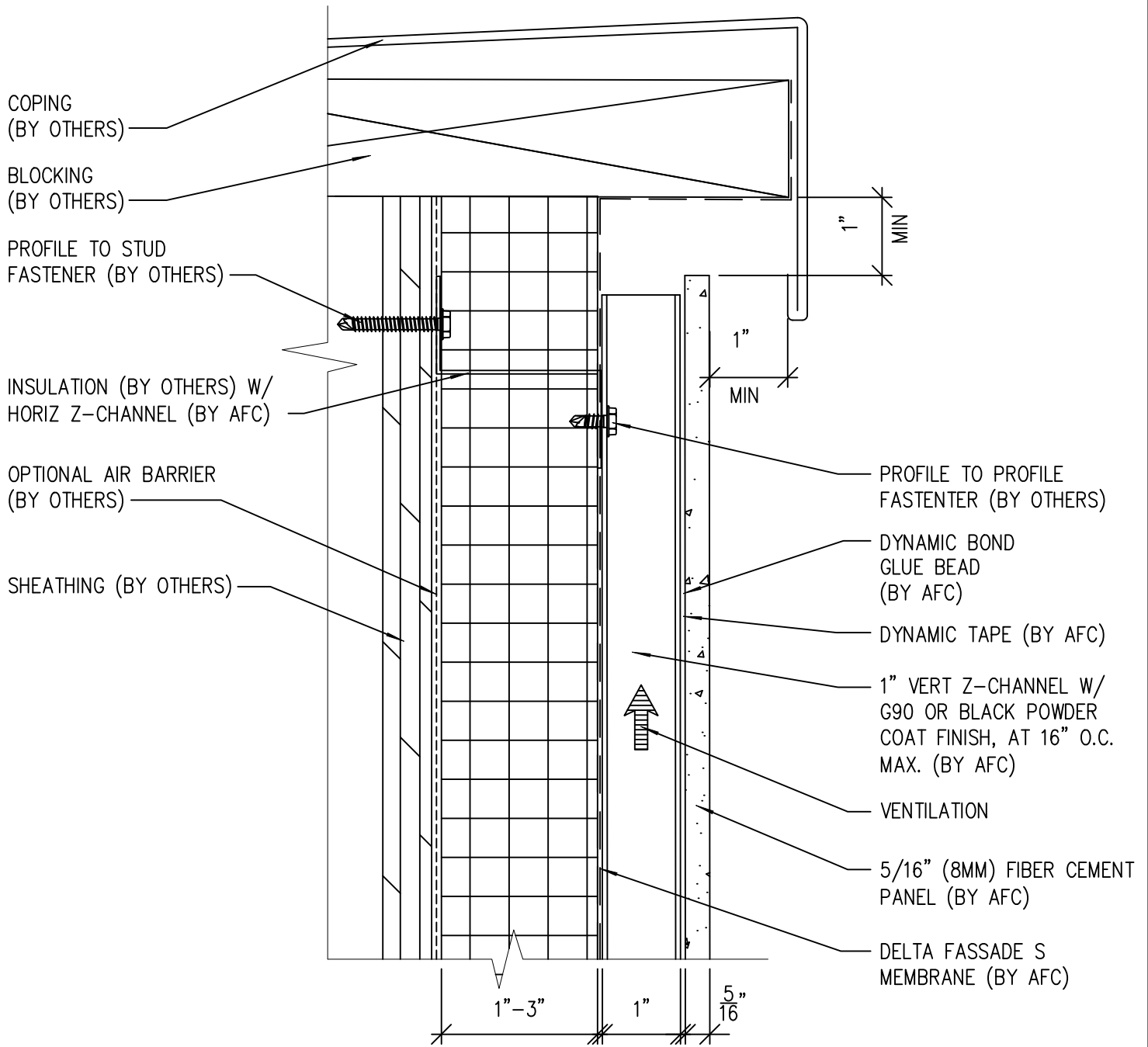
Fiber Cement Ventilated Rainscreen System



Typical Details

- Page 3: Top Panel @ Coping
- Page 4: Top Panel @ Soffit
- Page 5: Top of Panel @ F.C.P Soffit
- Page 6: Horizontal Joint @ Continuous Substrate
- Page 7: Horizontal Joint @ Break In Substrate
- Page 8: Not Permitted @ Break in Substrate
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- Page 10: Bottom of Panel @ Open Termination
- Page 11: Bottom of Panel @ Low Roof Flashing
- Page 12: Bottom of Panel @ Soffit
- Page 13: Bottom of Panel @ Soffit (Alternate)
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Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.

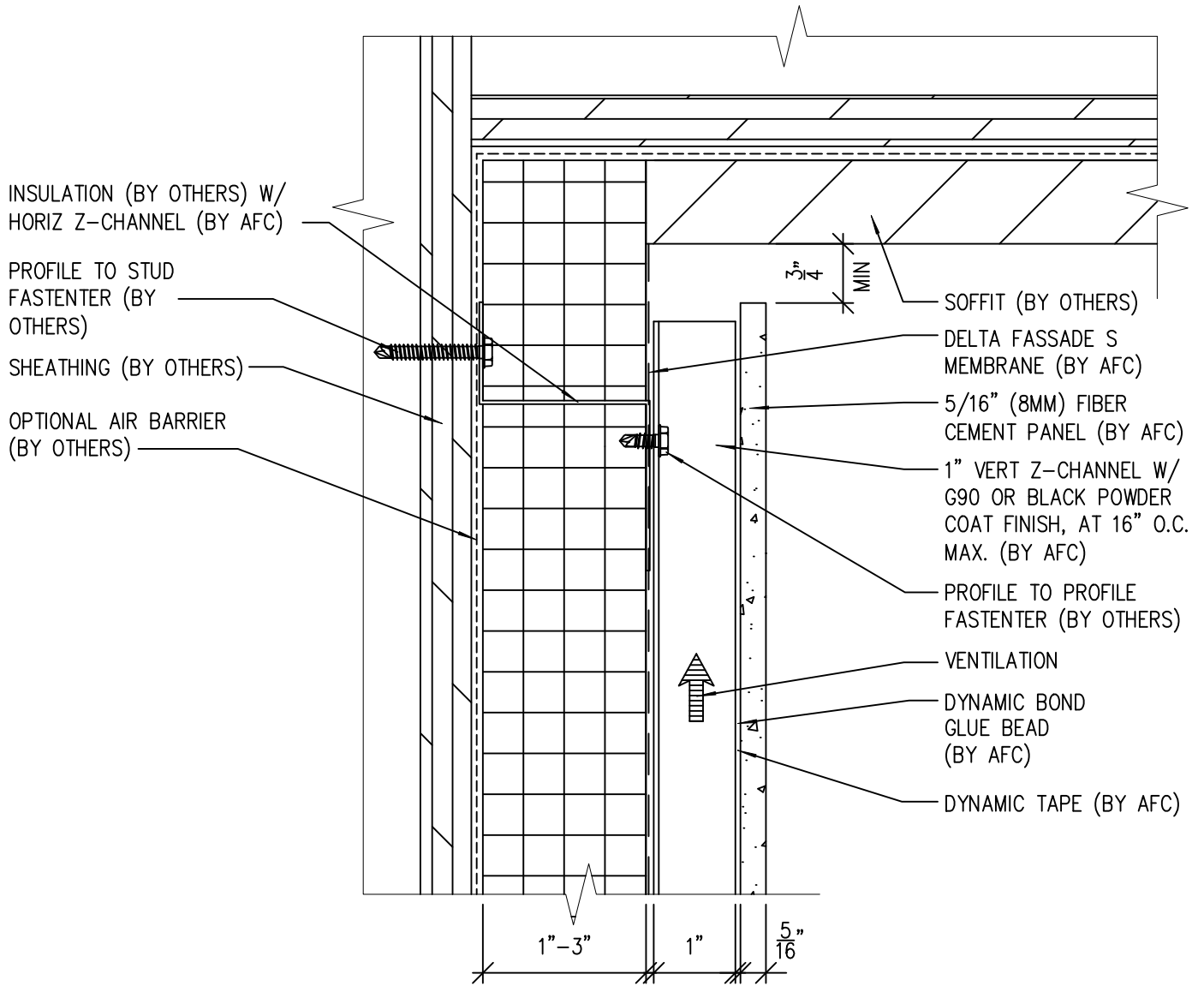


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Ref.:
Top of Panel @
Coping

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



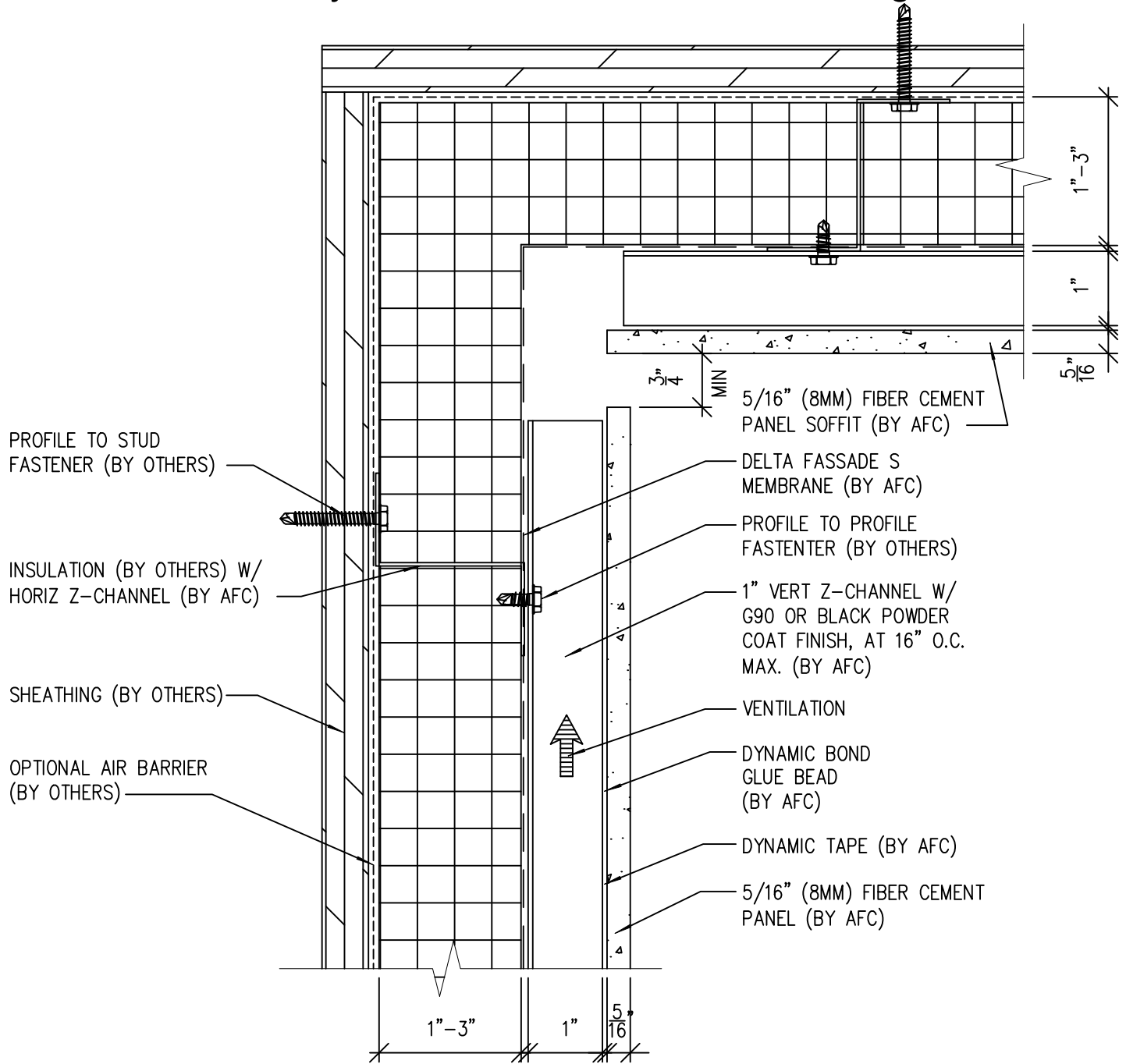
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Ref.:
Top of Panel @
Soffit

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SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



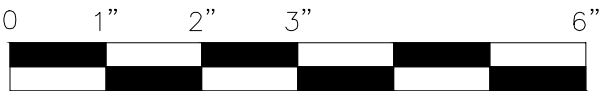
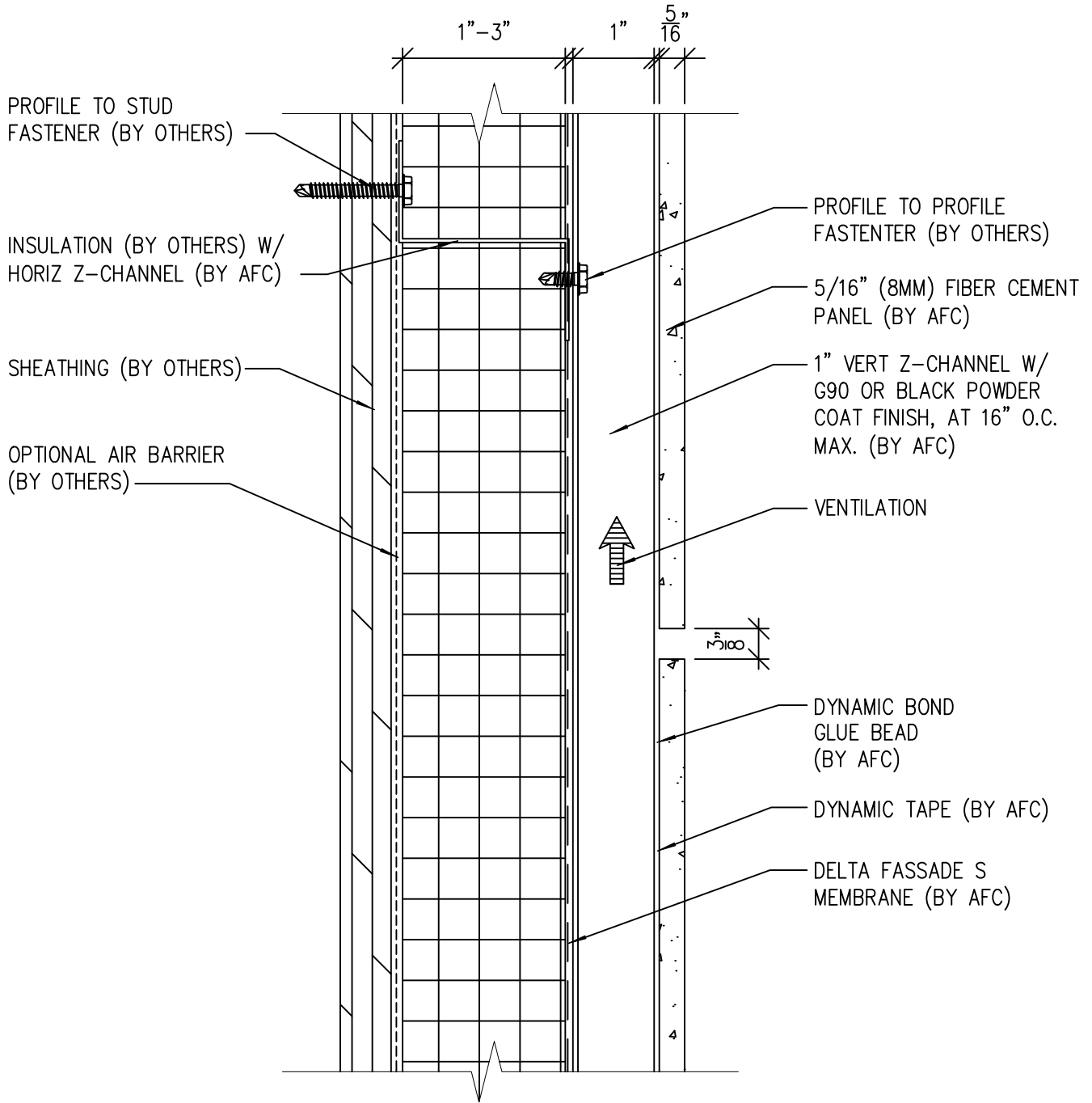
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Ref.:
Top of Panel @
F.C.P. Soffit

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



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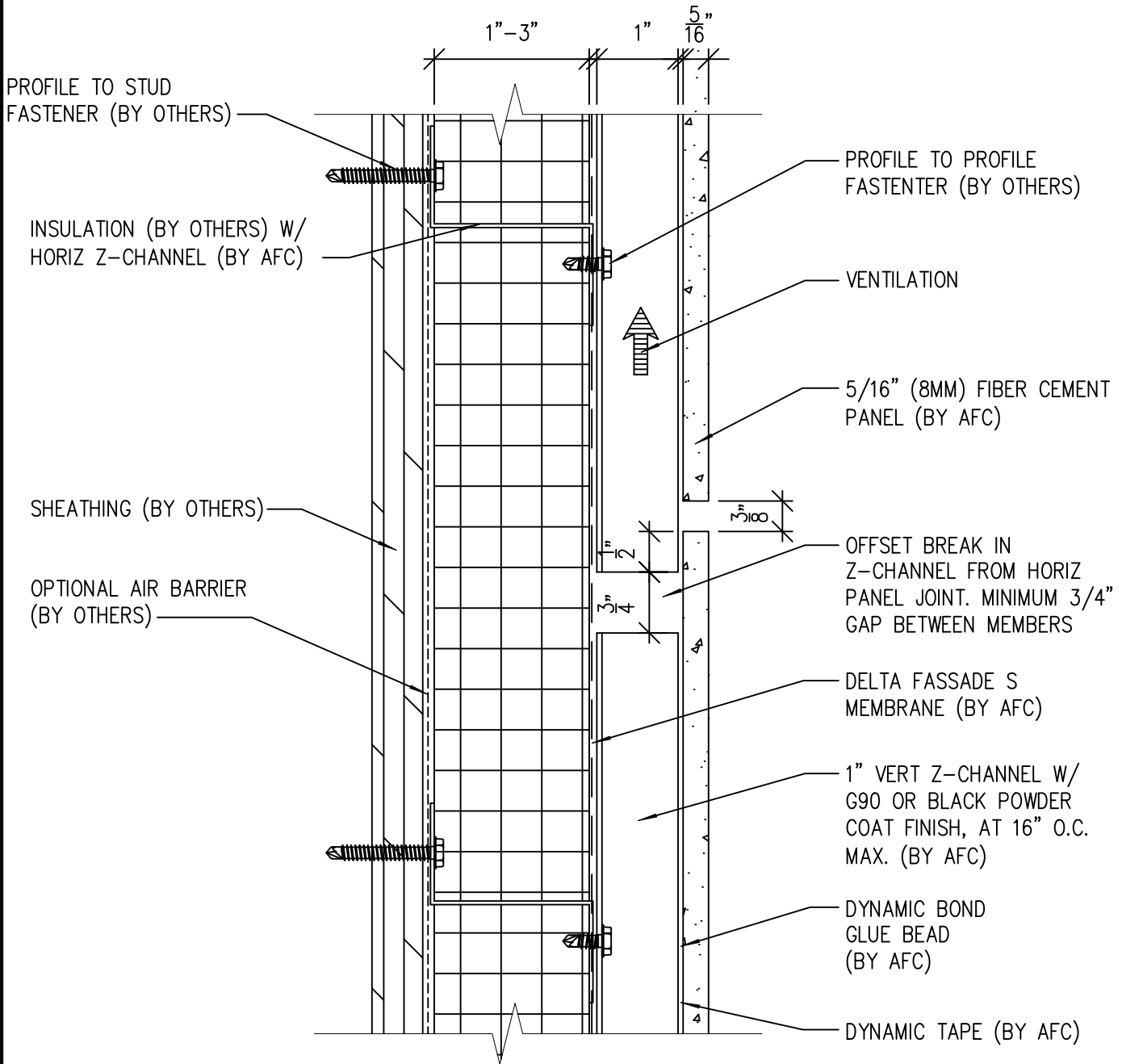
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Ref.:

Horizontal Joint @
Continuous Substrate

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Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

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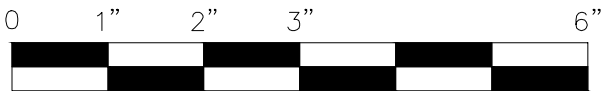
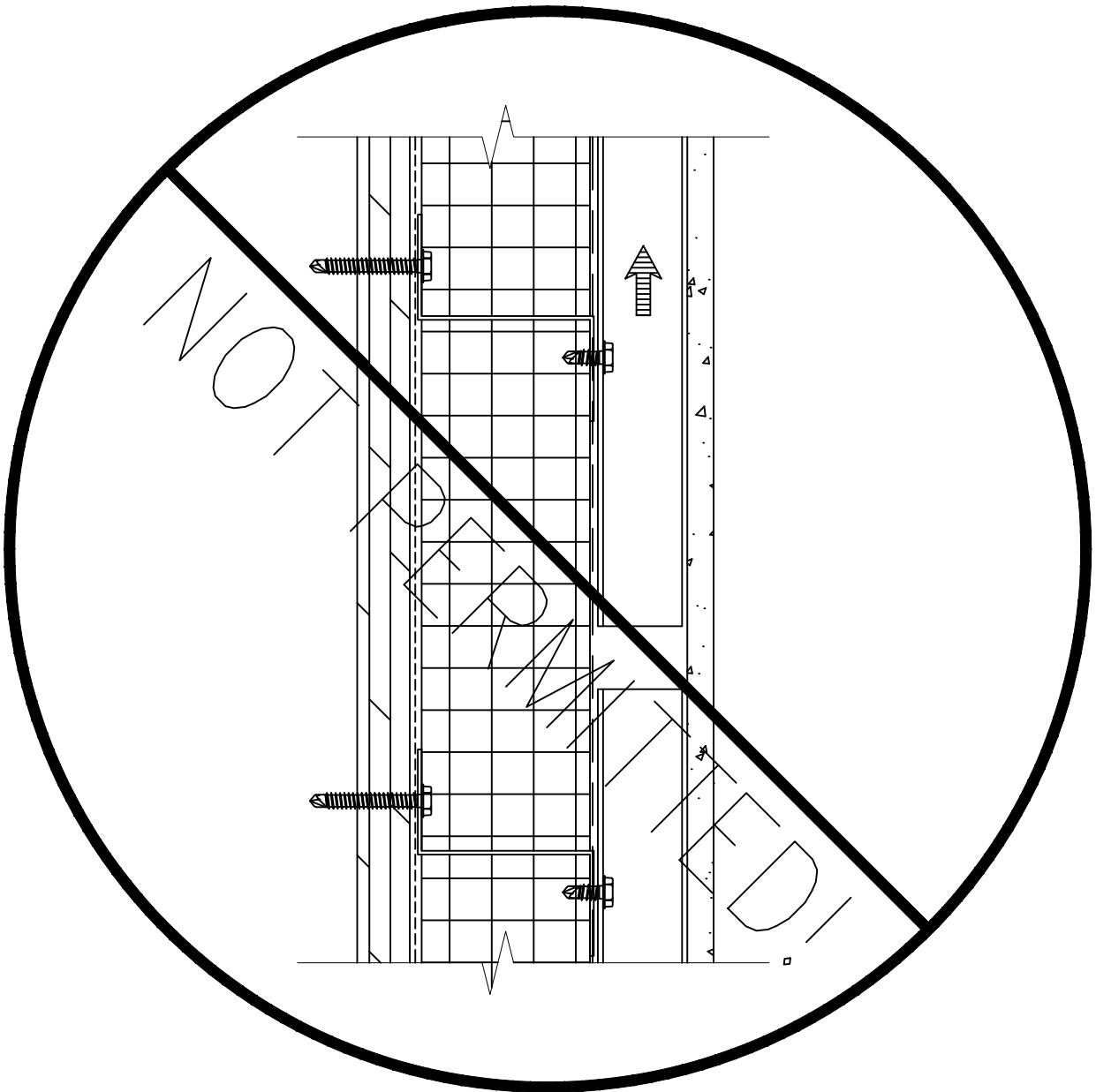
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Ref.:

Horizontal Joint @
Break in Substrate

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



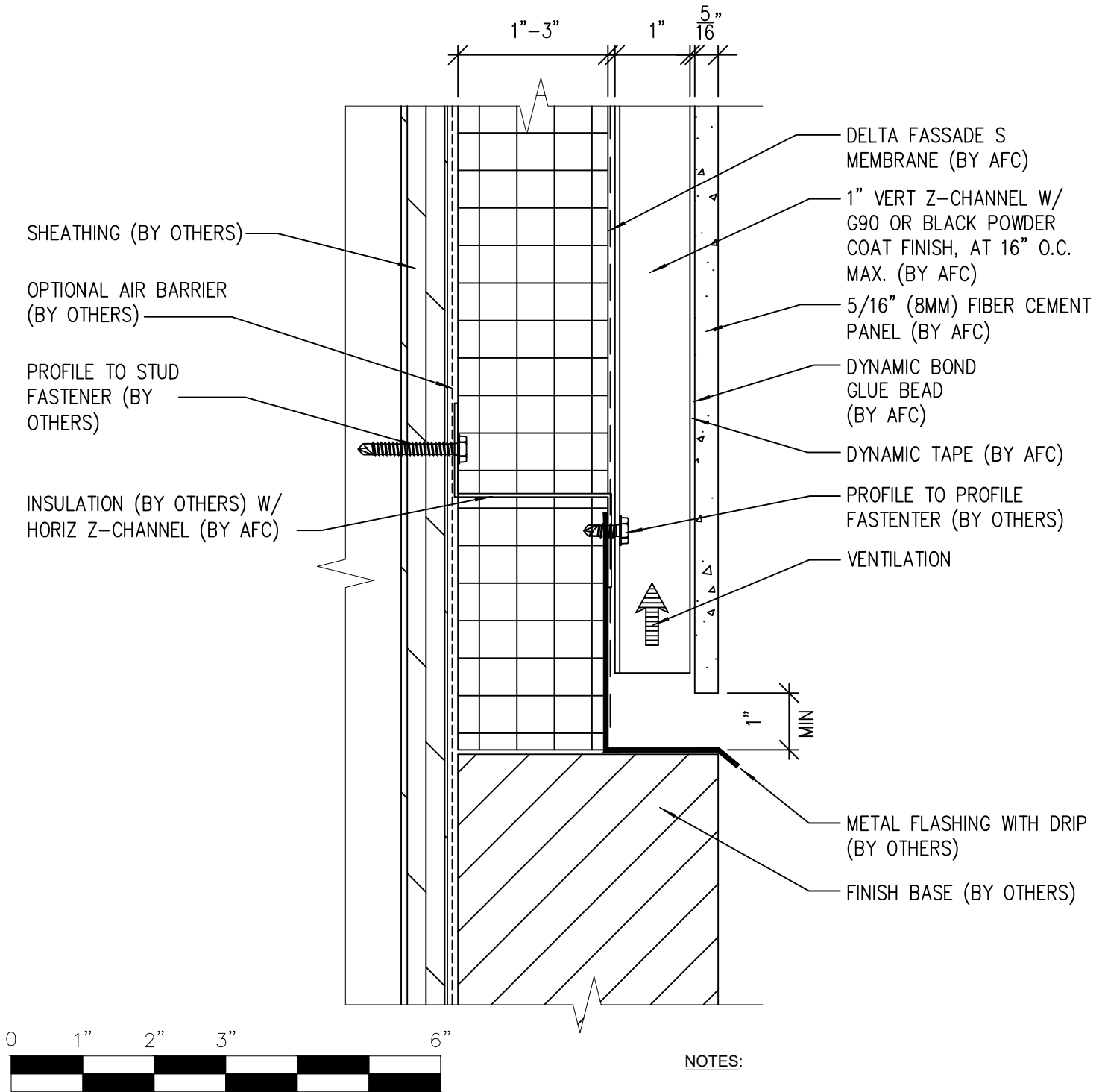
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Ref.:
Not Permitted @
Break in Substrate

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Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening

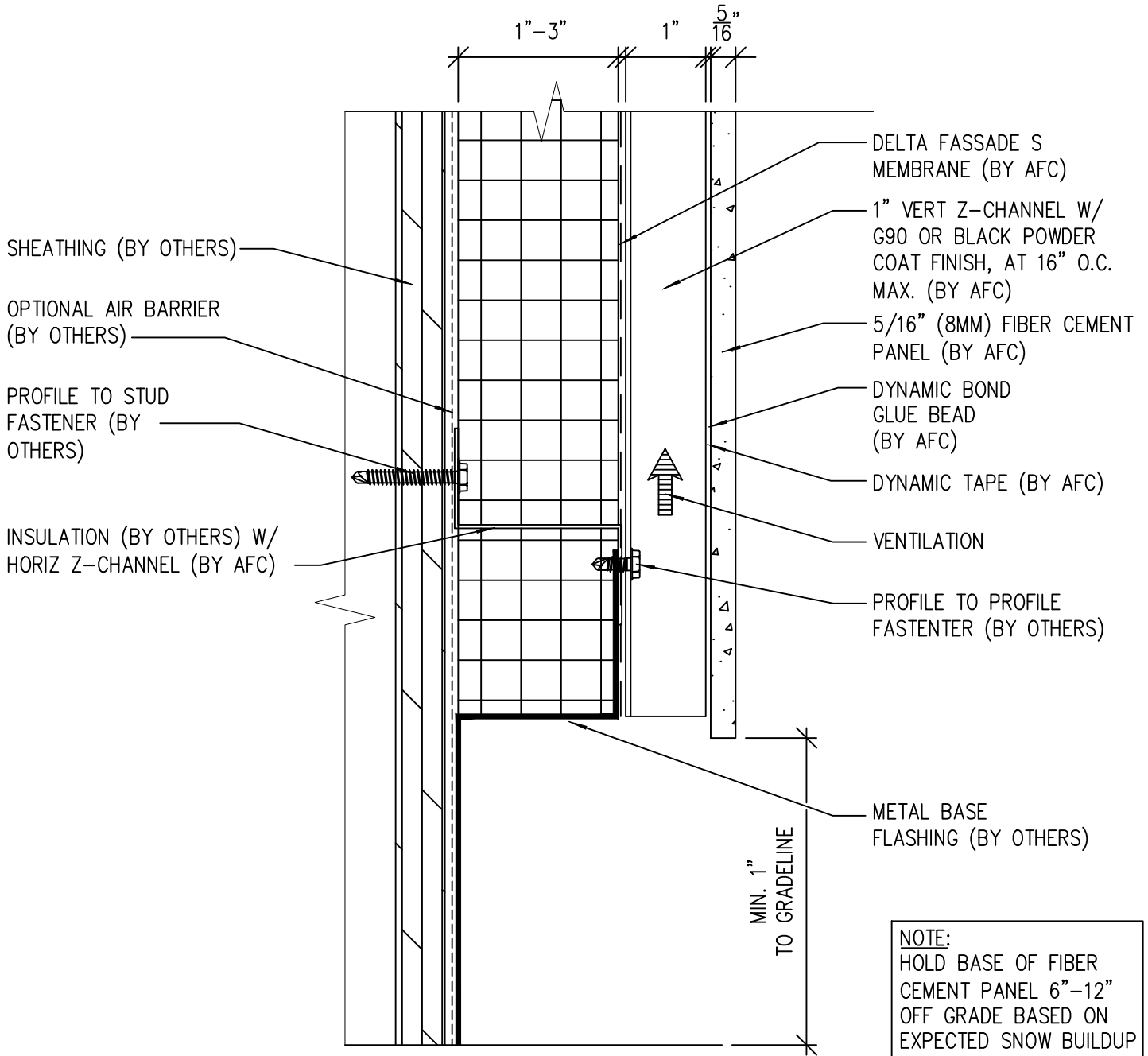


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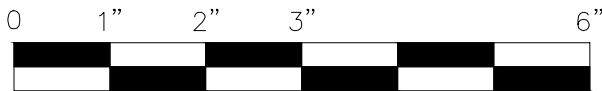
Ref.:
 Bottom of Panel @
 Wall Base

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



NOTE:
HOLD BASE OF FIBER CEMENT PANEL 6"-12" OFF GRADE BASED ON EXPECTED SNOW BUILDUP



SCALE: 6"=1'-0"

NOTES:

- PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



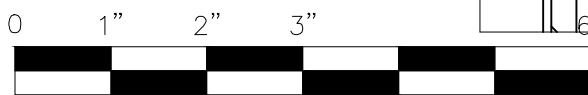
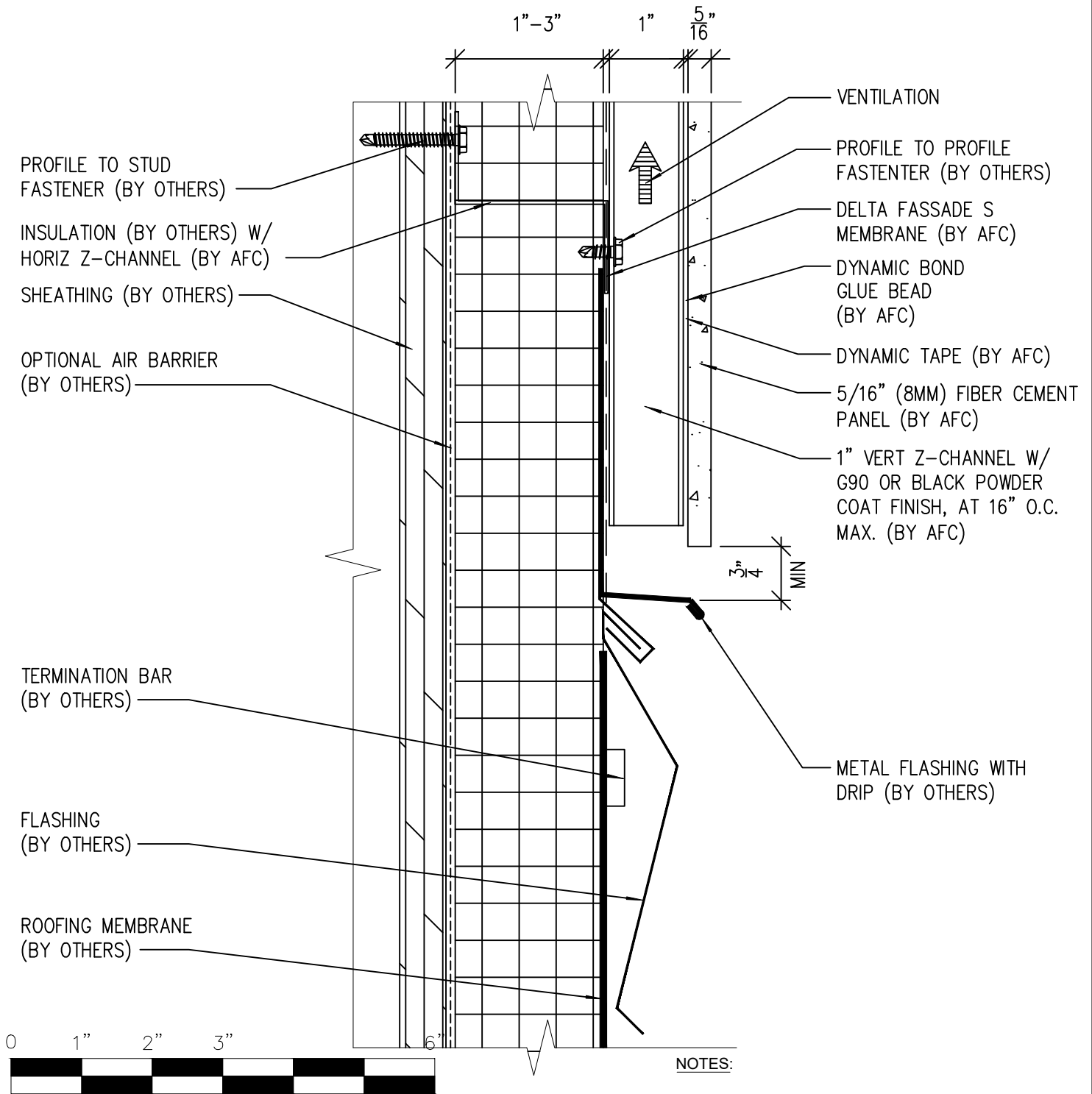
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Ref.:
Bottom of Panel @
Open Termination

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.

SCALE: 6"=1'-0"

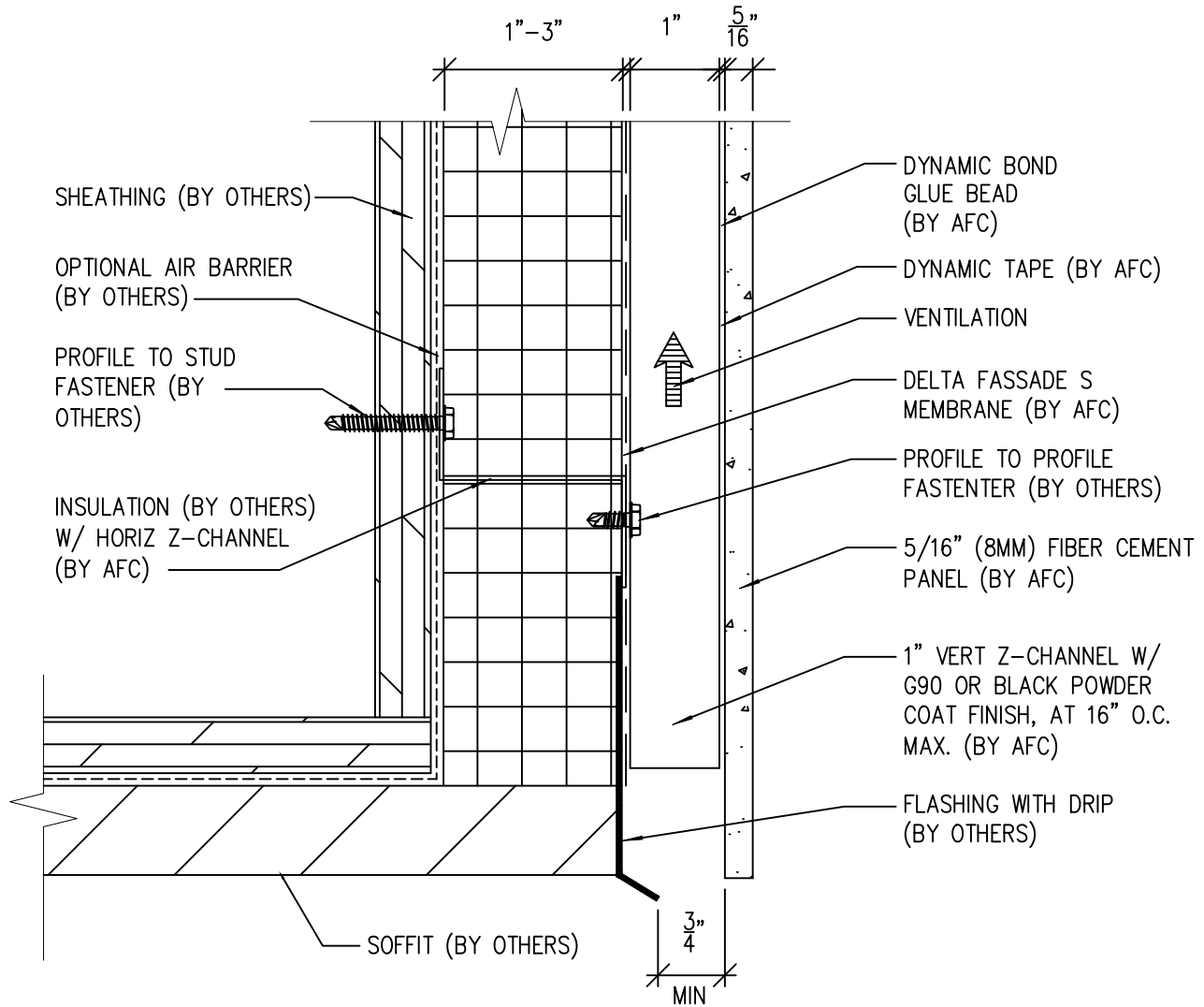


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Ref.:
 Bottom of Panel @
 Low Roof Flashing

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



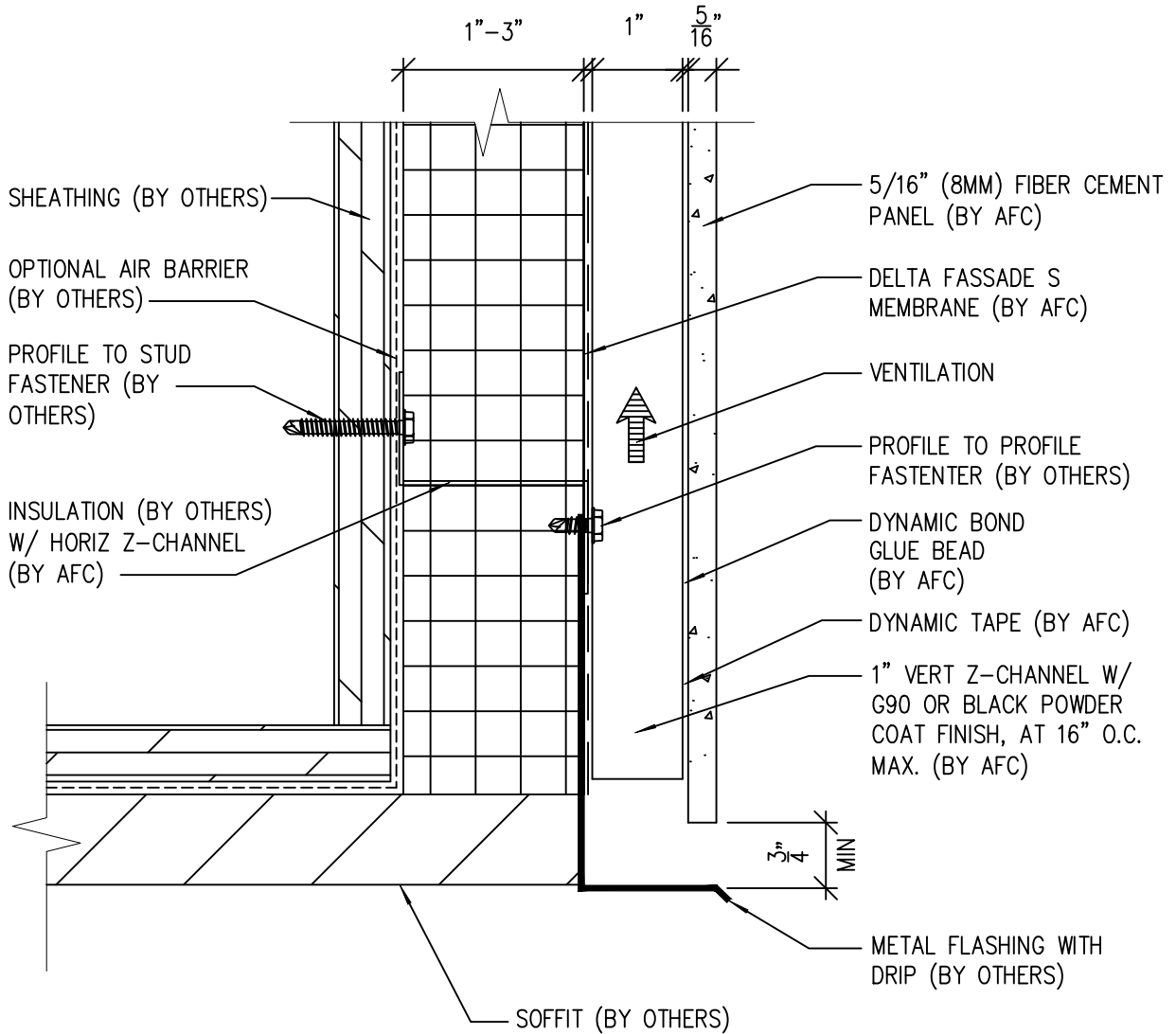
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Ref.:
Bottom of Panel @
Soffit

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

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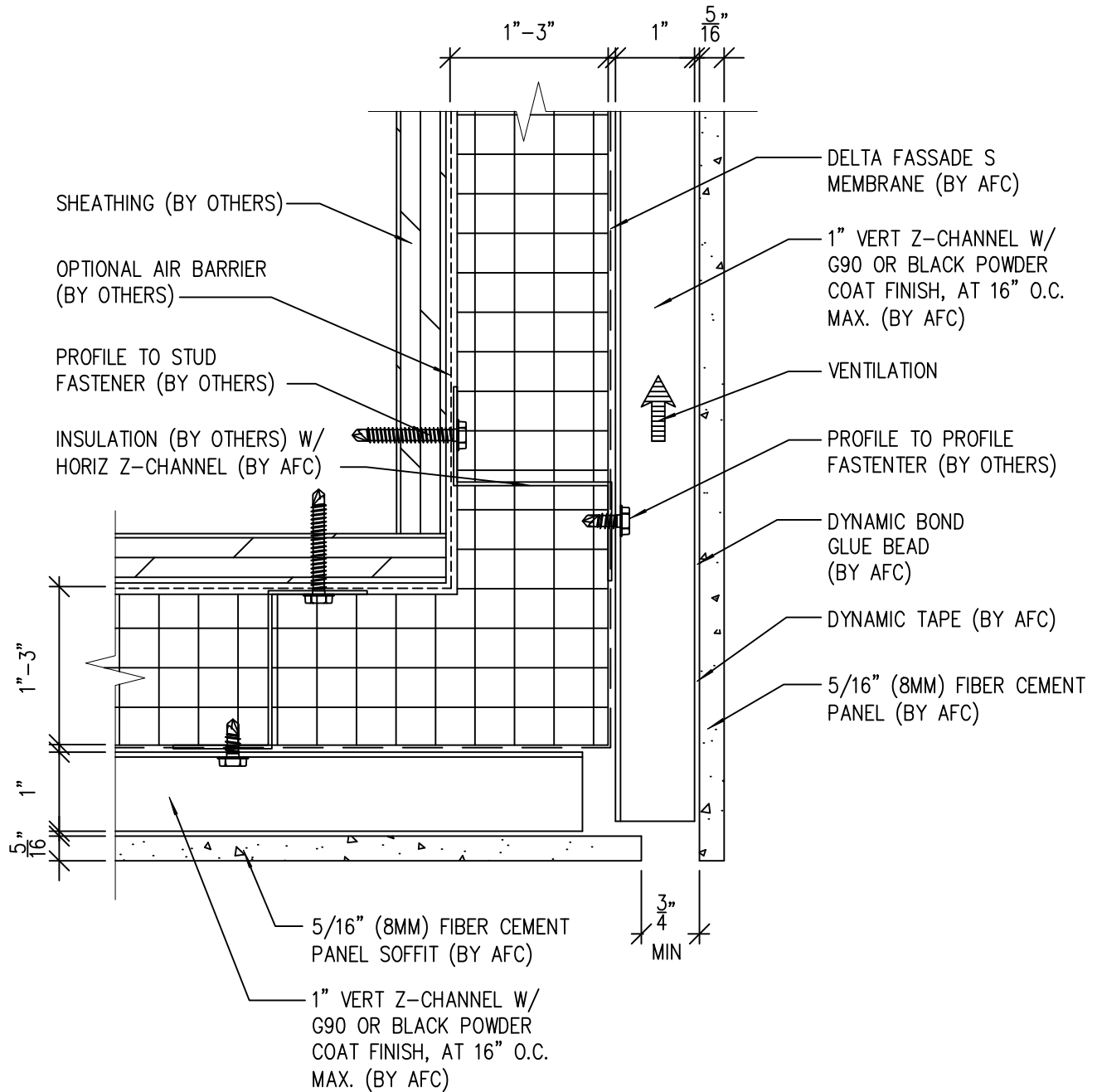
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Ref.:
Bottom of Panel @
Sofit (Alternate)

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



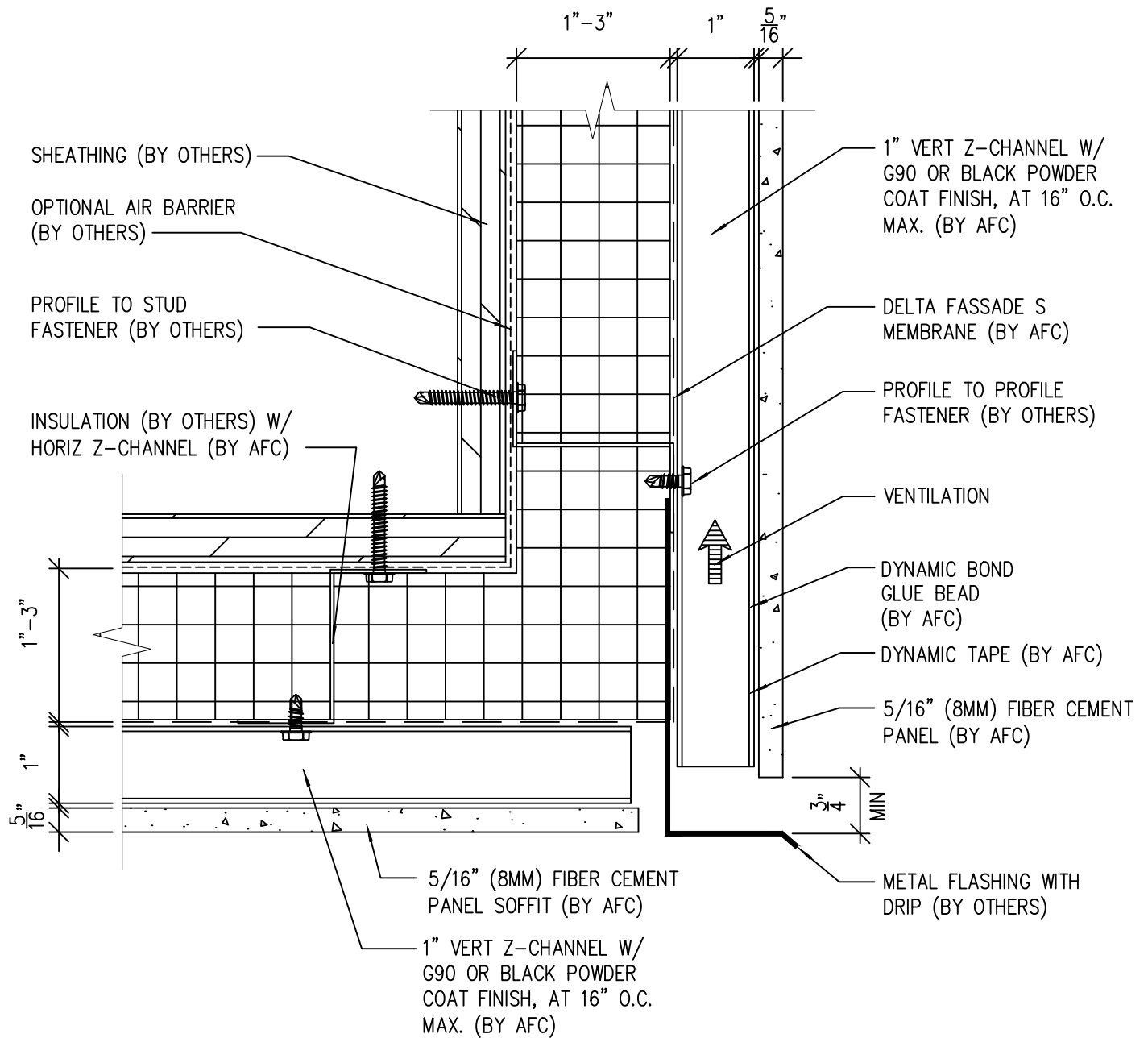
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Ref.:
Bottom of Panel @
F.C.P. Soffit

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6" = 1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



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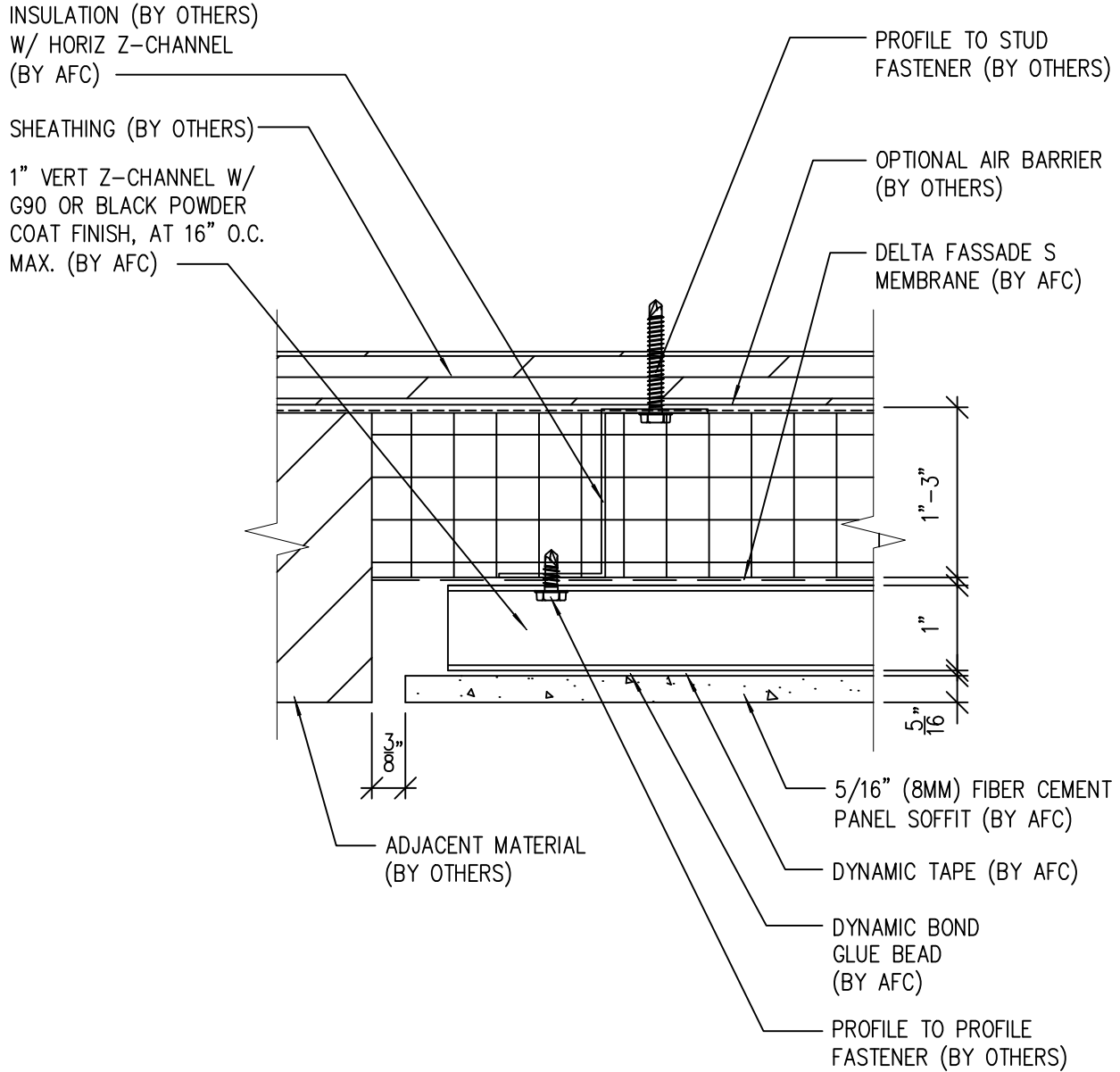
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Ref.:

Bottom of Panel @
F.C.P. Soffit (Alternate)

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6" = 1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



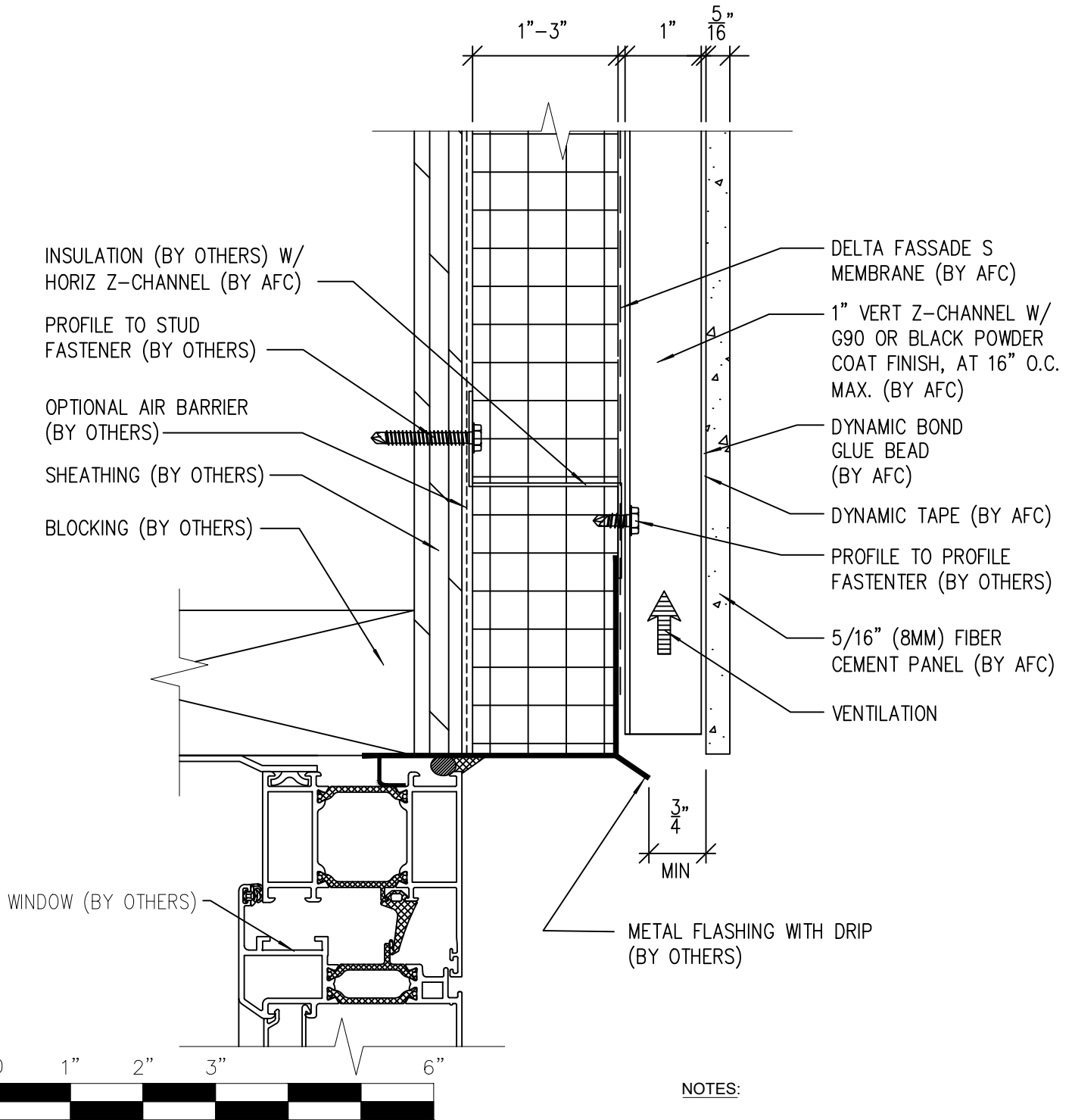
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Ref.:
Soffit Termination @
Adjacent Material

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.

SCALE: 6"=1'-0"



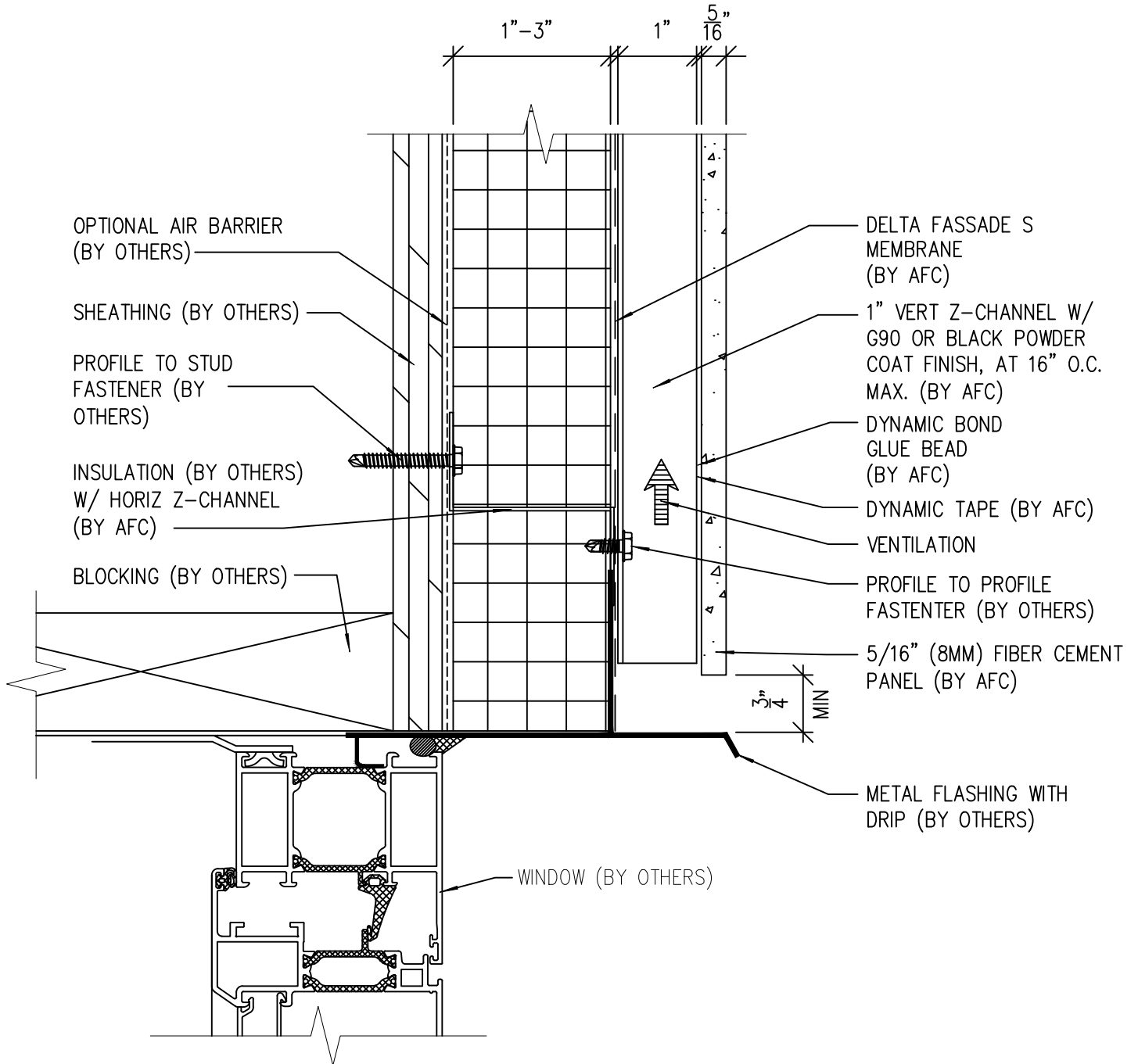
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Ref.:
Bottom of Panel @
Window Head

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



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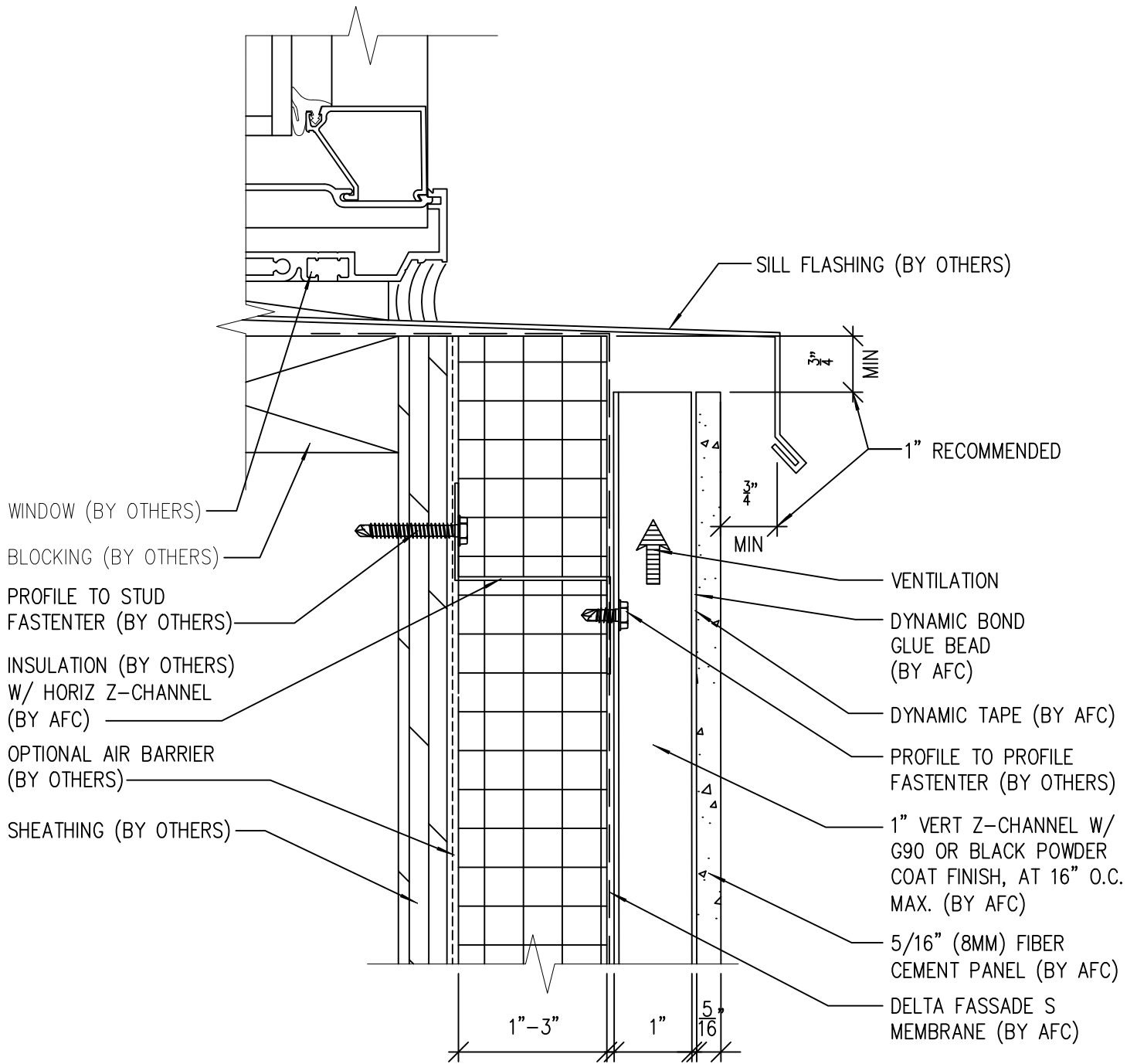
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Ref.:

Bottom of Panel @
Window Head (Alternate)

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



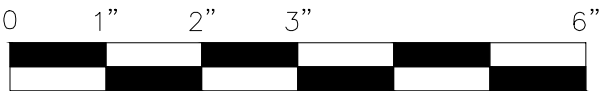
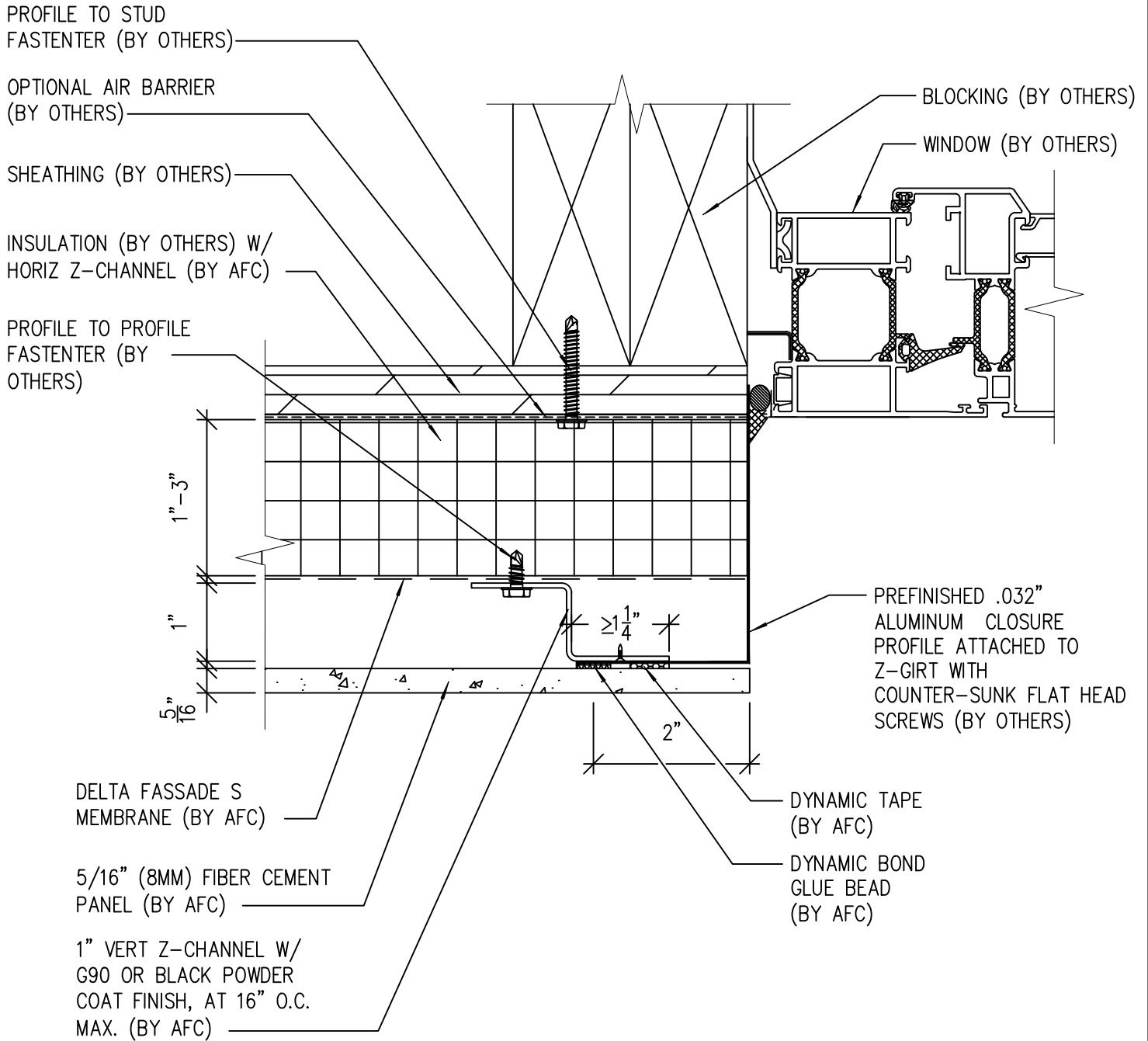
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Ref.:
Top of Panel @
Window Sill

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6" = 1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.

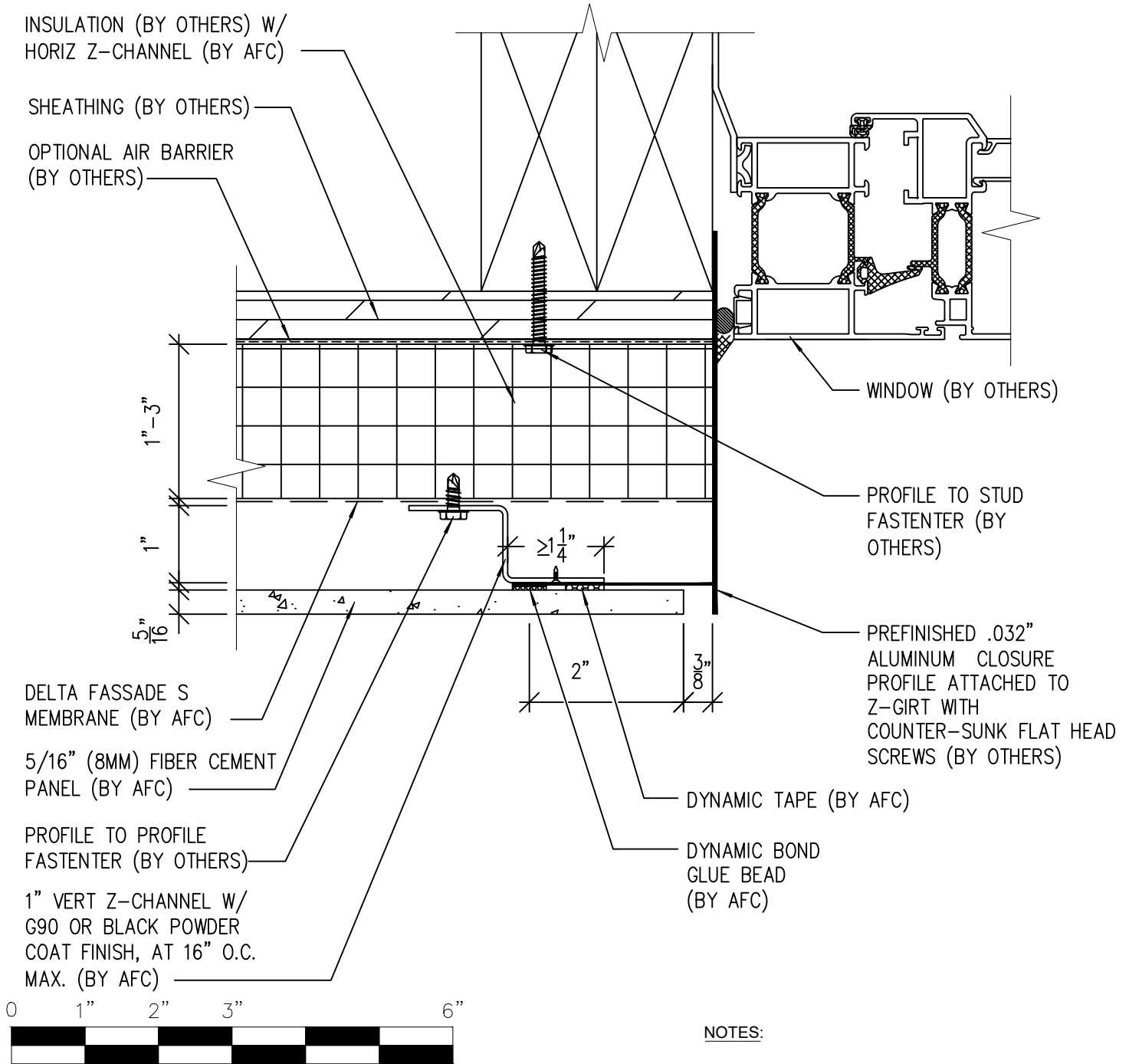


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Ref.:
 Panel Edge @
 Window Jamb

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6" = 1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



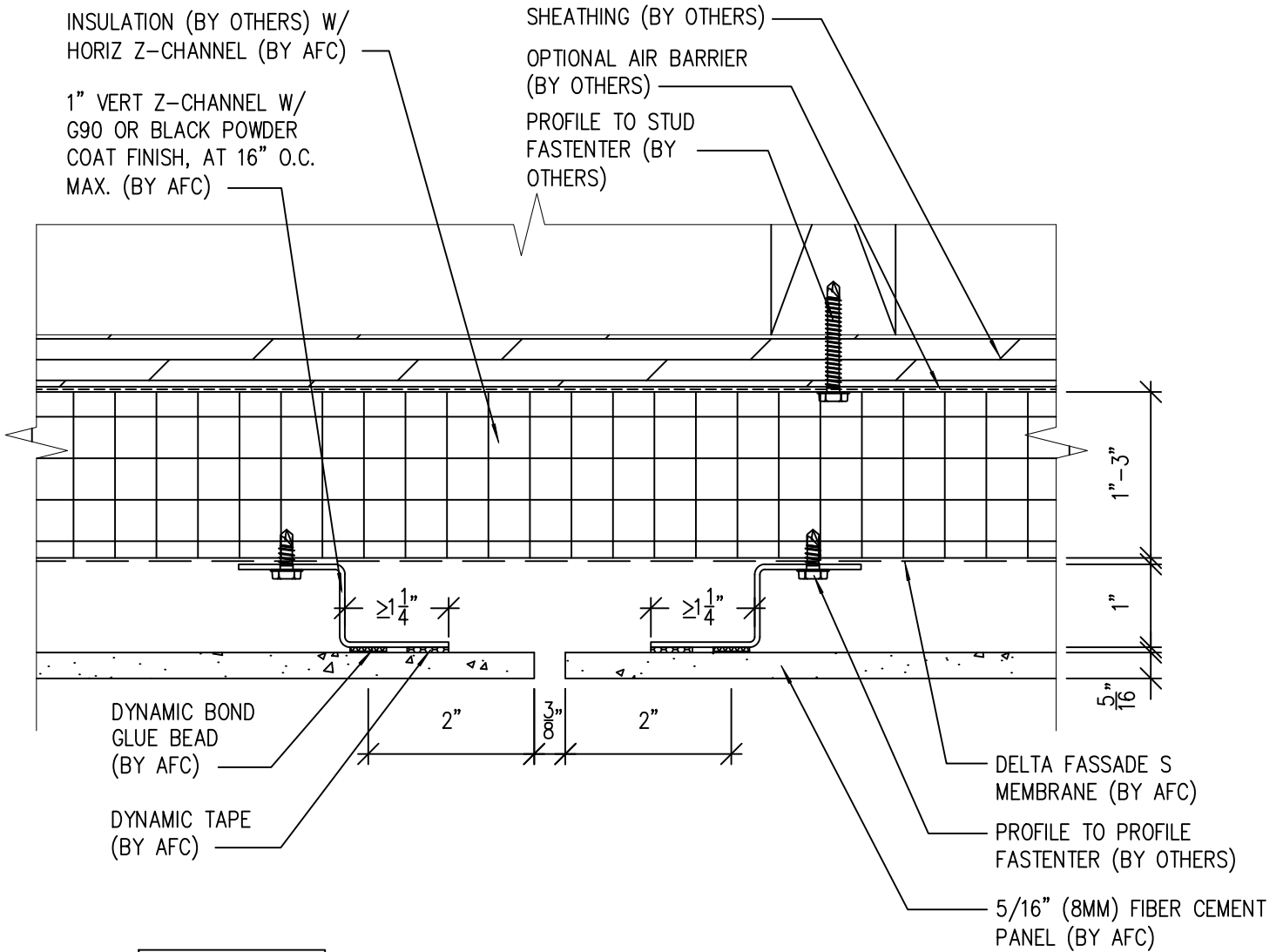
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Ref.:
Panel Edge @
Window Jamb (Alternate)

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



NOTE:
THIS DETAIL IS
RECOMMENDED AT
VERTICAL PANEL
JOINTS.



SCALE: 6" = 1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.

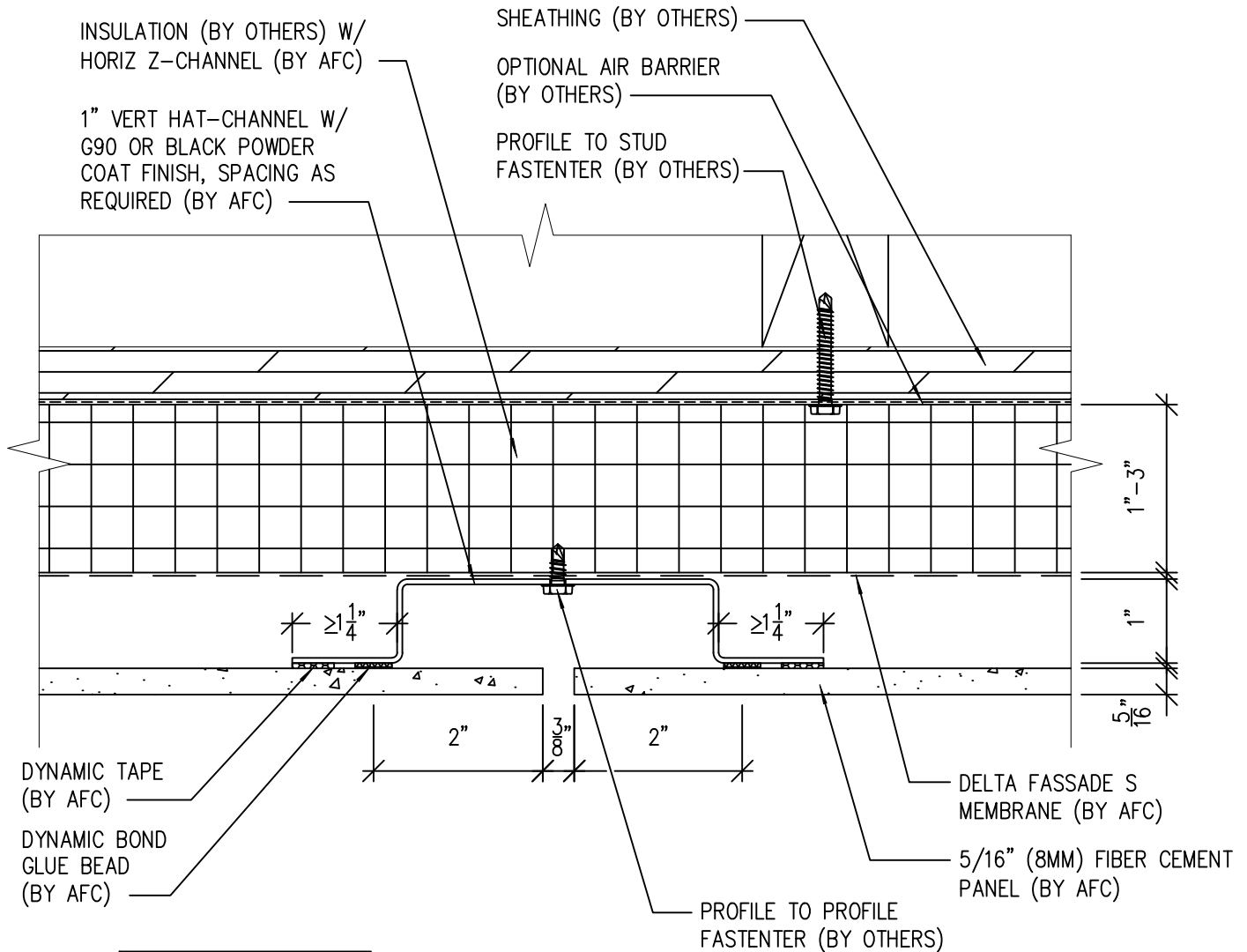


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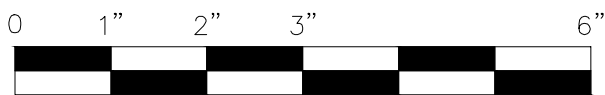
Ref.:
Vertical Panel Joint
Option 1

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



NOTE:
OPTION 1 DETAIL IS
RECOMMENDED FOR
VERTICAL PANEL JOINTS.



SCALE: 6" = 1'-0"

- NOTES:**
- PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.

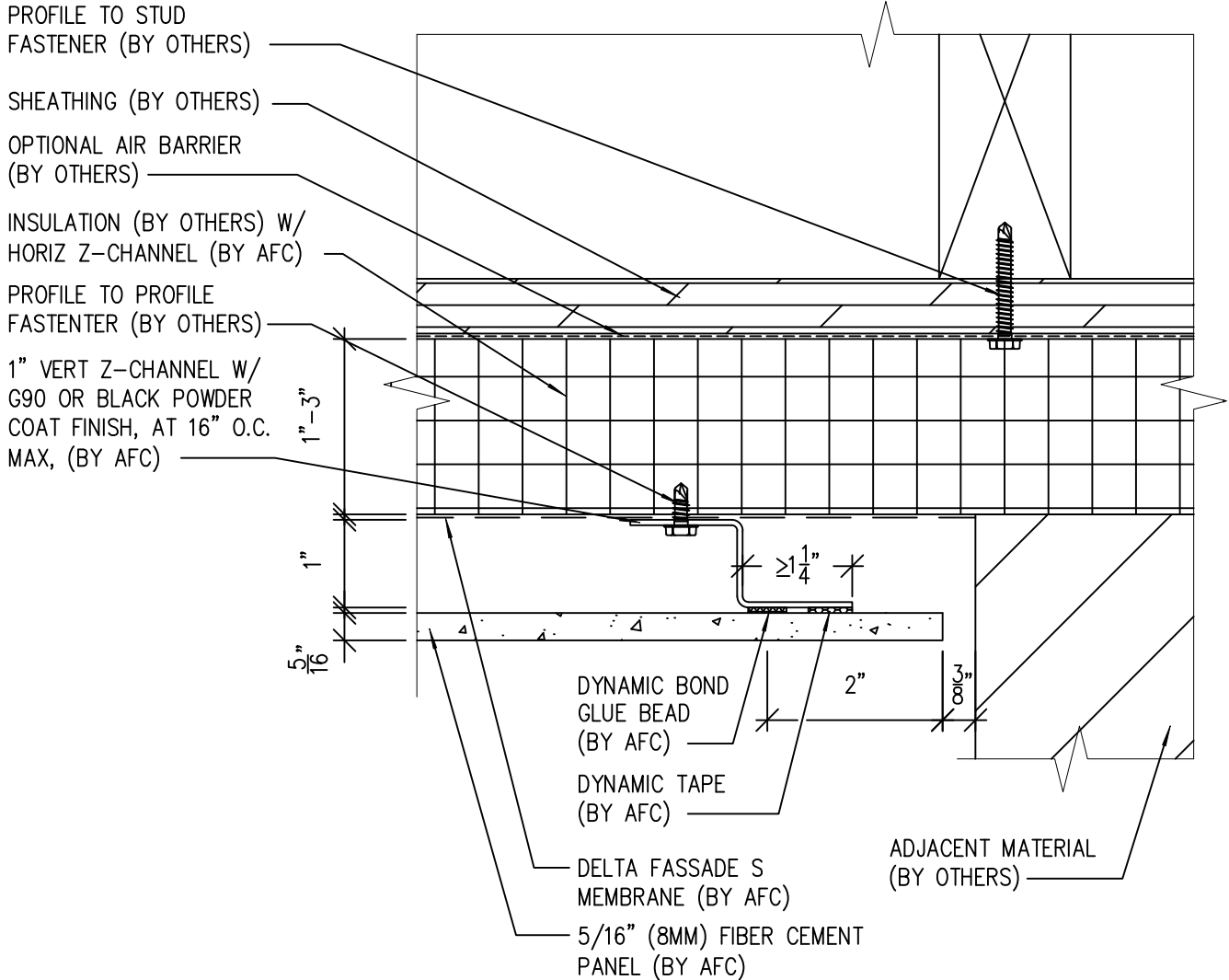


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Ref.:
Vertical Panel Joint
Option 2

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



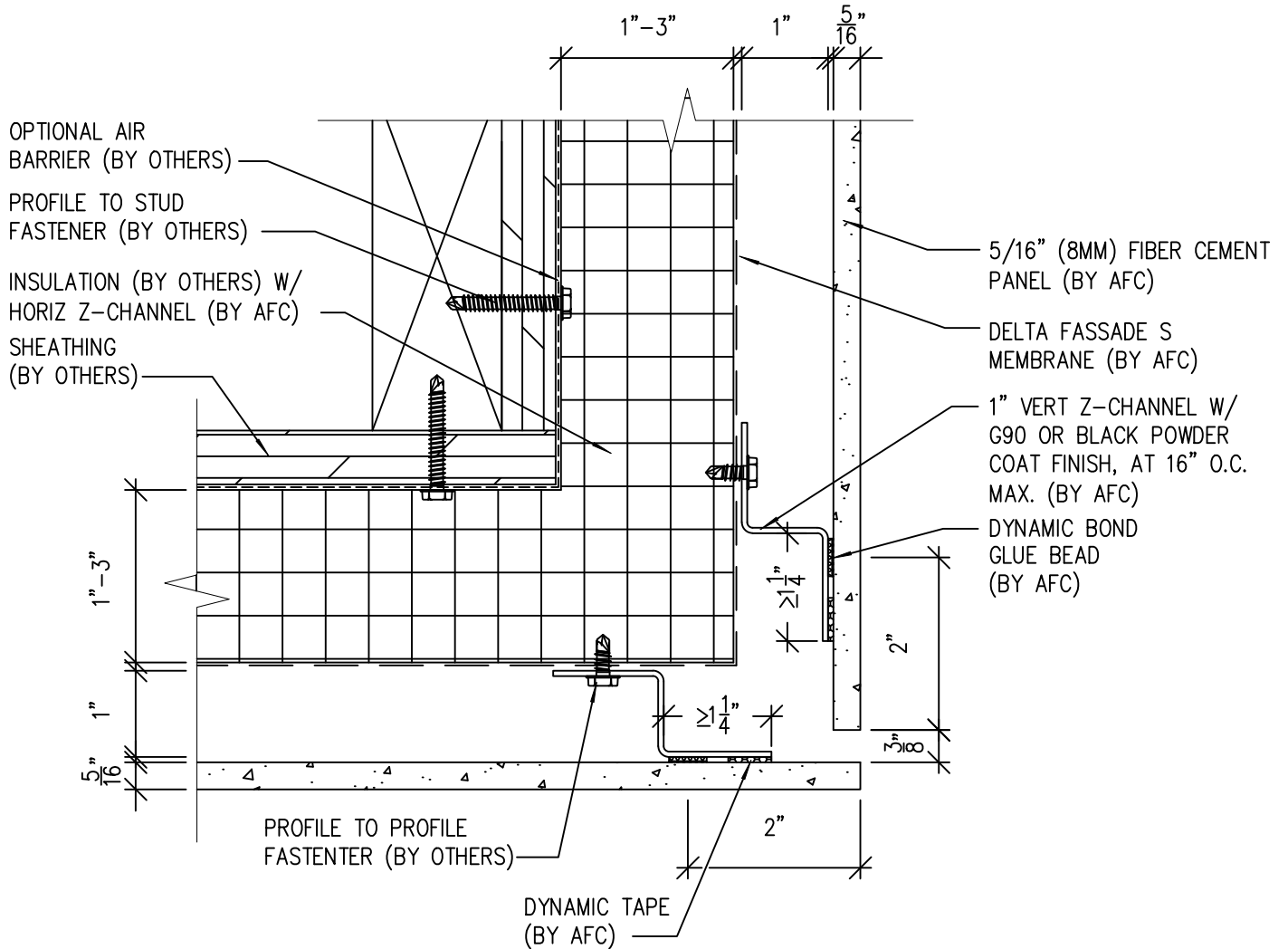
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Ref.:
Panel Edge @
Butt Joint

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.

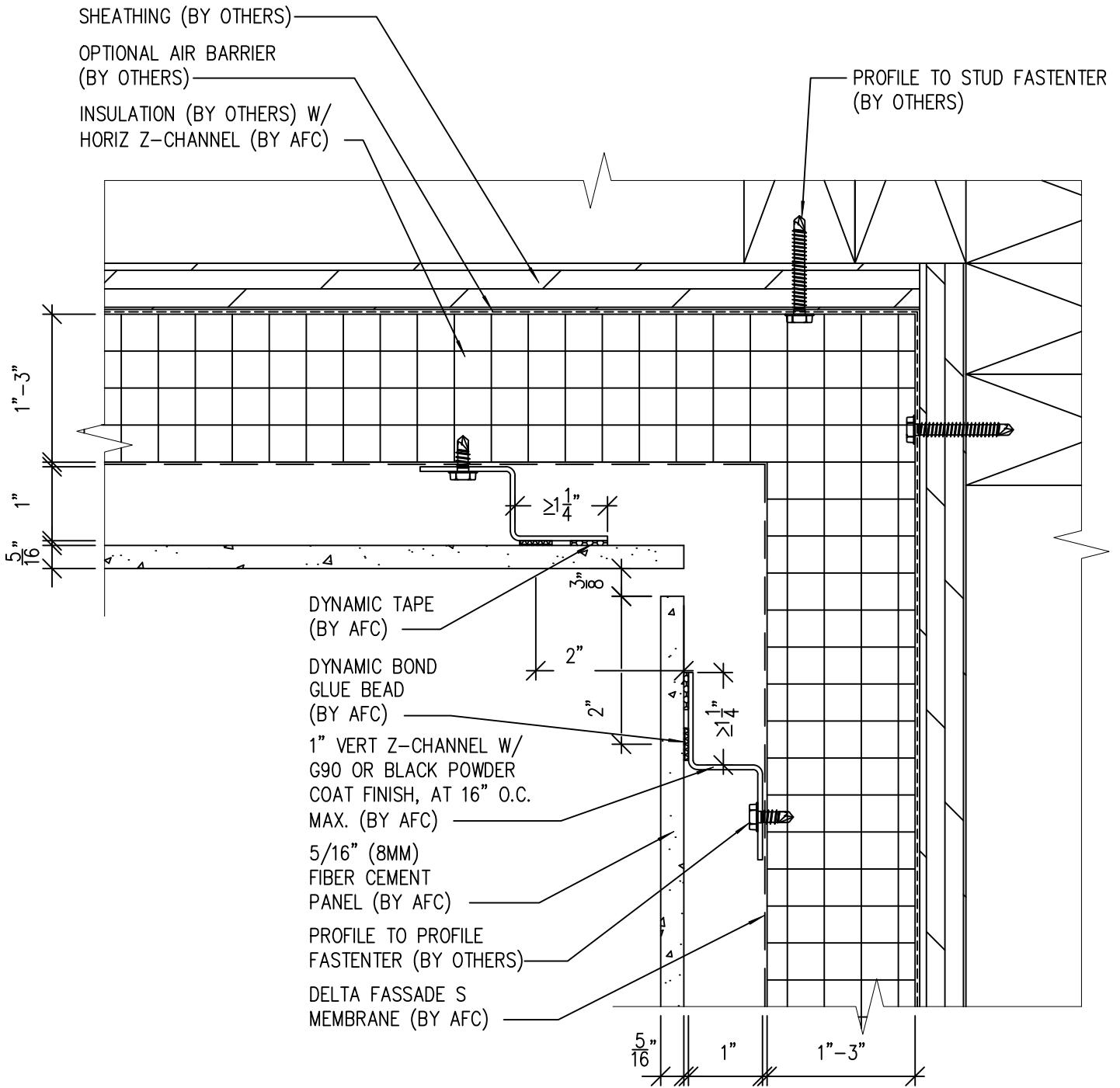


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Ref.:
Panels @
Outside Corner

Date: 06/07/2023

Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening



SCALE: 6" = 1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



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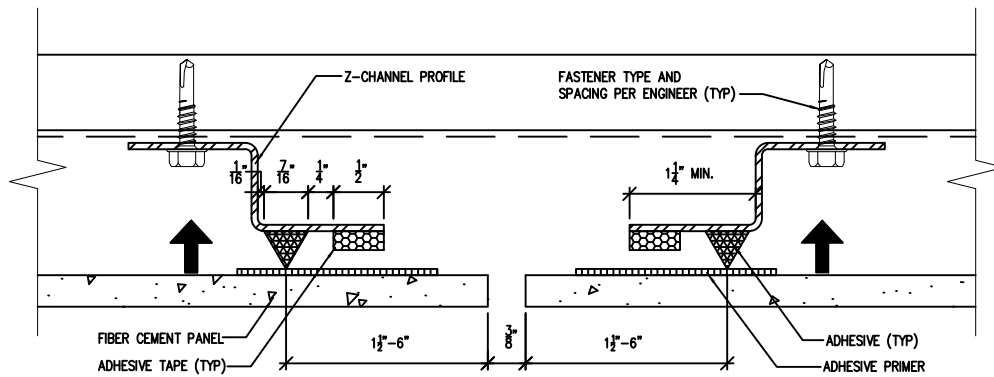
Ref.:
 Panels @
 Inside Corner

Date: 06/07/2023

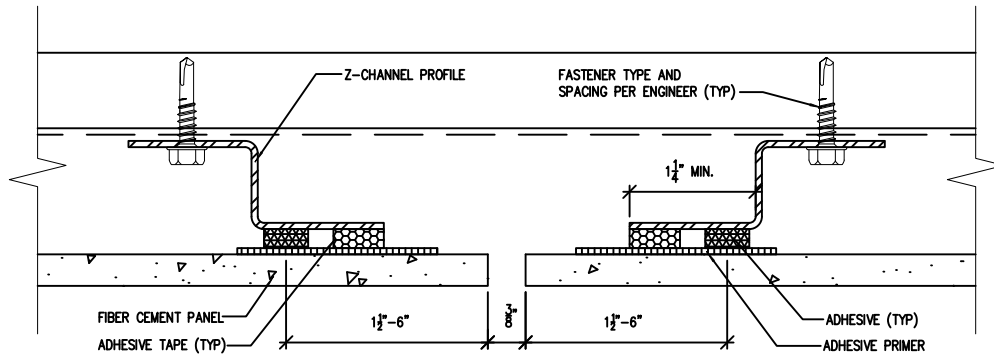
Two-Layer Steel Attachment System With Dynamic Bond Adhesive Fastening

GENERAL NOTES:

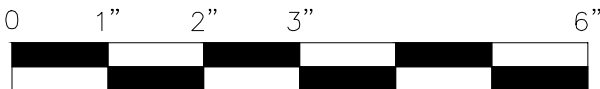
1. WIDTH OF SUPPORTING PROFILE, TO WHICH BONDING SYSTEM WILL BE APPLIED, MUST BE A MINIMUM OF 1 1/4".
2. JOINT IN ALUMINUM/STEEL MUST ALWAYS COINCIDE WITH JOINT IN FIBER CEMENT CLADDING.
3. SPACING OF C TO C OF VERTICAL Z-CHANNEL SHALL BE DETERMINED BASED ON WIND LOAD. MAXIMUM SPACING IS 16" O.C.
4. SUBSTRATE SHALL BE MINIMUM 2MM MILL FINISH ALUMINUM, 12GA ANODIZED ALUMINUM, OR 16GA G90 UNPAINTED GALVANIZED STEEL.



PRE-ADHESION



POST-ADHESION



SCALE: 6"=1'-0"

NOTES:

1. PANEL VERTICAL AND HORIZONTAL JOINT SPACING SHOULD BE 3/8" TYPICAL.



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Ref.:
Panels @
Inside Corner

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