



SUBMITTAL  
PACKAGE

# Aluminum Planks



# Aluminum

From Nature to Architecture



## INTRODUCTION

Welcome to our Submittal Package, designed to provide a simple, fast, and efficient experience when selecting your exterior cladding. Whether you're a contractor, architect, or distributor, you'll find all the information you need here to make an informed decision about our products.

Technical data sheets, installation guides, typical details, specifications, maintenance tips, and warranties — everything is gathered in one place to save you time and give you peace of mind at every stage of your project.

Our commitment is clear: to offer you durable, visually appealing, and easy-to-install solutions, supported by attentive customer service and tools designed to simplify your work.

*"Quality is never an accident.  
It is always the result of intelligent effort."*

— John Ruskin

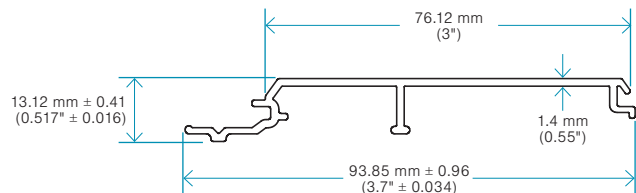


Technical documentation

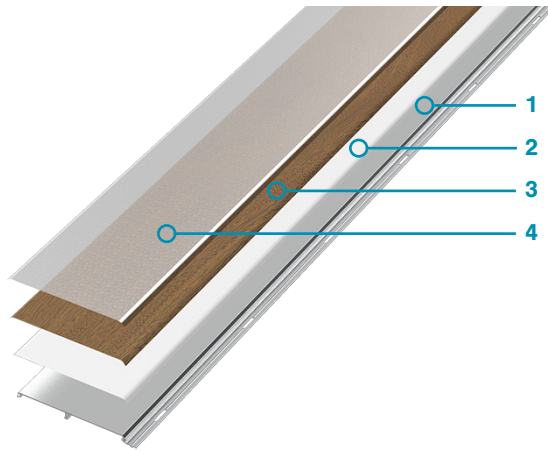
## TECHNICAL DATA SHEET

# Aluminum siding MAE Series

# 3V Plank



Detail A



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.055" (1.40 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

All sizes of profiles interlock with each other with simple tongue and groove mating system. (see Detail A)

Installation can be made both vertically and horizontally.

### 2. PRIMER COAT

Specially formulated primer coat ±1.2 mils (30.48 µm) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print ±1 mil (25.4 µm) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat ±1.2 mils (30.48µm) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA03V16IMP - Printed finish
- AEPLA03V16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

3 in Plank - V-Groove profile

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 2.63 kg | 5.8 lb
- Per box (12 pieces): 31.6 kg | 69.6 lb

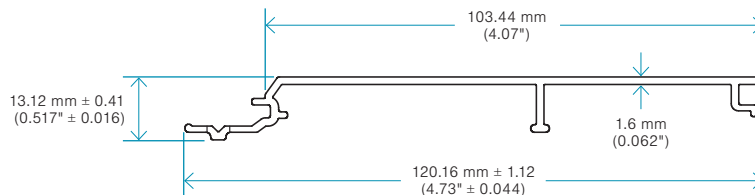
### TESTS AND CERTIFICATIONS\*

- CAN/ULC S102 - Fire Resistance
- CAN/ULC S114 - Fire Resistance
- ASTM E84 - Fire Resistance
- NFPA 285 - Fire Resistance
- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion Testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind load
- ASTM E1592 - Wind load

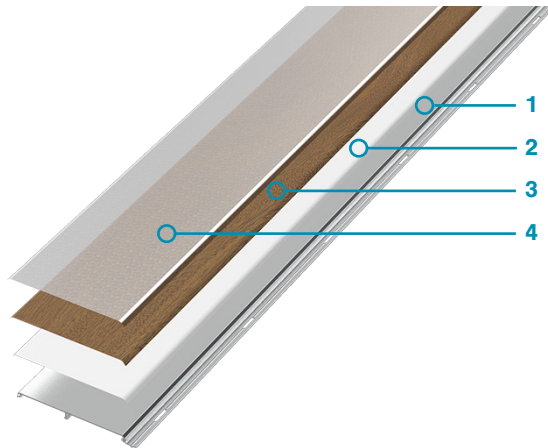
## TECHNICAL DATA SHEET

# Aluminum siding MAE Series

# 4F Plank



Detail A



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.062" (1.60 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

All sizes of profiles interlock with each other with simple tongue and groove mating system. (see Detail A)

Installation can be made both vertically and horizontally.

### 2. PRIMER COAT

Specially formulated primer coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print  $\pm 1$  mil (25.4  $\mu\text{m}$ ) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA04F16IMP - Printed finish
- AEPLA04F16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

4 in Plank - Flat profile

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 3.28 kg | 7.23 lb
- Per box (6 pieces): 19.7 kg | 43.4 lb

### TESTS AND CERTIFICATIONS\*

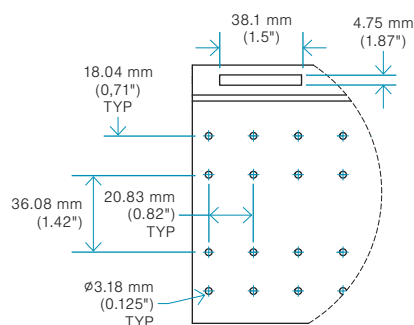
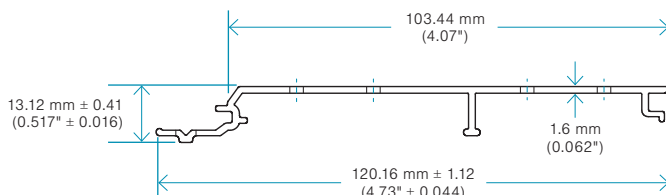
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- ASTM E84 - Fire Resistance
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- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion Testing
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- ASTM G155 - UV Resistance
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- ASTM E1592 - Wind load



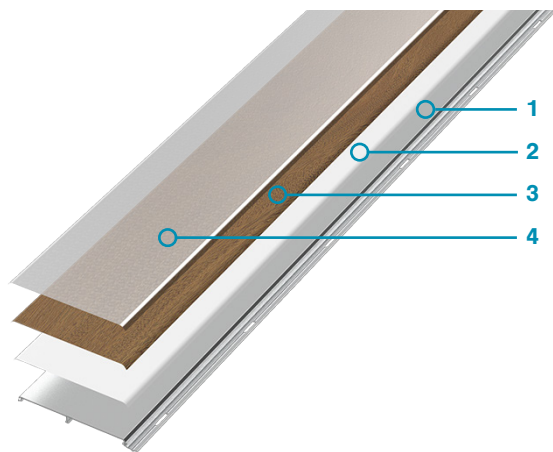
## TECHNICAL DATA SHEET

# Aluminum siding MAE Series

# 4F Vented plank



Detail A



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.062" (1.60 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

All sizes of profiles interlock with each other with simple tongue and groove mating system. (see Detail A)

In every 16 foot soffit plank, there are 11.5 square inches (74 square cm) of ventilation.

### 2. PRIMER COAT

Specially formulated primer coat ±1.2 mils (30.48 µm) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print ±1mil (25.4µm) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat ±1.2 mils (30.48 µm) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA4FV16IMP - Printed finish
- AEPLA4FV16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

4 in Vented Plank - Flat profil

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 3.28 kg | 7.23 lb
- Per box (6 pieces): 19.7 kg | 43.4 lb

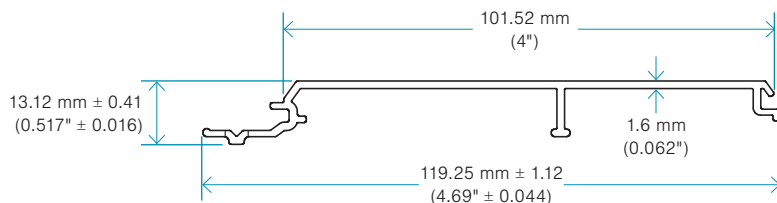
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- ISO 7895 - Impact Resistance
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- ASTM D6578 - Graffiti Resistance
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- ASTM E1592 - Wind load

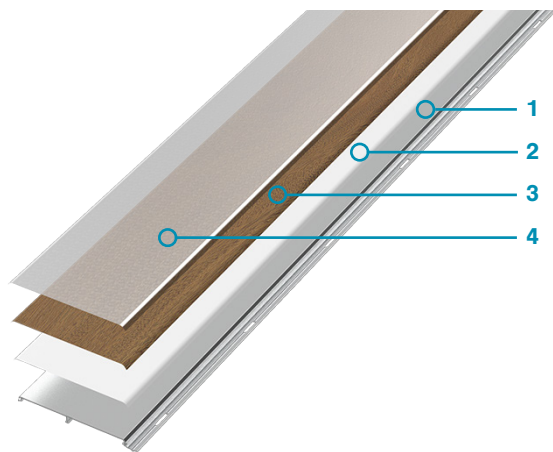
## TECHNICAL DATA SHEET

# Aluminum siding MAE Series

# 4V Plank



Detail A



## Printed Finish

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Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

All sizes of profiles interlock with each other with simple tongue and groove mating system. (see Detail A)

Installation can be made both vertically and horizontally.

### 2. PRIMER COAT

Specially formulated primer coat ±1.2 mils (30.48 µm) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print ±1mil (25.4µm) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat ±1.2 mils (30.48 µm) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA04V16IMP - Printed finish
- AEPLA04V16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

4 in Plank - V-Groove profile

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 3.25 kg | 7.17 lb
- Per box (6 pieces): 19.5 kg | 43 lb

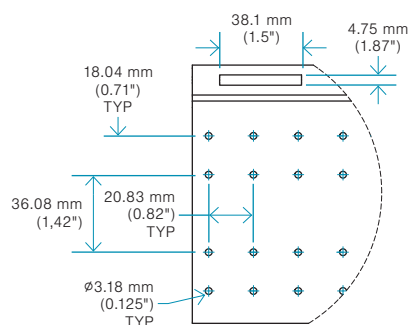
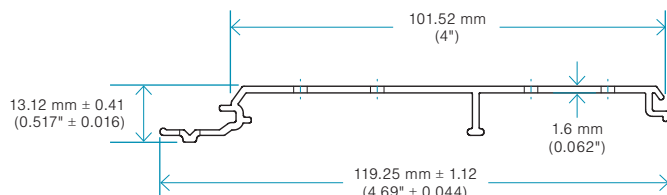
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- ASTM E1592 - Wind load

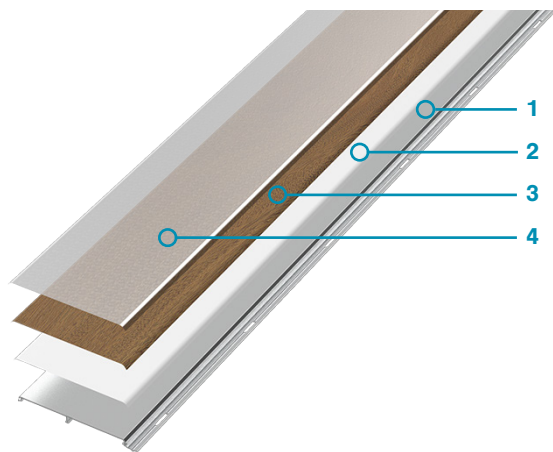
## TECHNICAL DATA SHEET

# Aluminum siding MAE Series

# 4V Vented plank



Detail A



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.062" (1.60 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

All sizes of profiles interlock with each other with simple tongue and groove mating system. (see Detail A)

In every 16 foot soffit plank, there are 11.5 square inches (74 square cm) of ventilation.

### 2. PRIMER COAT

Specially formulated primer coat ±1.2 mils (30.48 µm) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print ±1mil (25.4µm) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat ±1.2 mils (30.48 µm) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA4VV16IMP - Printed finish
- AEPLA4VV16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

4 in Vented Plank - V-Groove profil

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 3.25 kg | 7.17 lb
- Per box (6 pieces): 19.5 kg | 43 lb

### TESTS AND CERTIFICATIONS\*

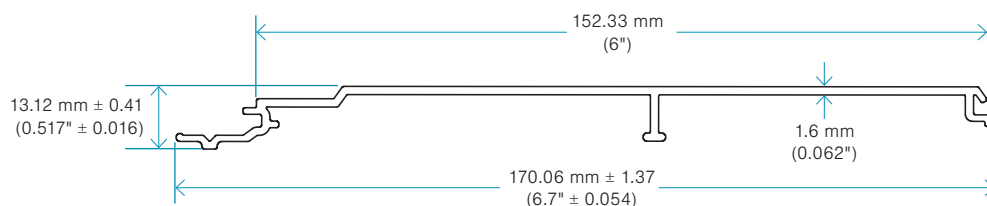
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- ASTM G155 - UV Resistance
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- ASTM E1592 - Wind load



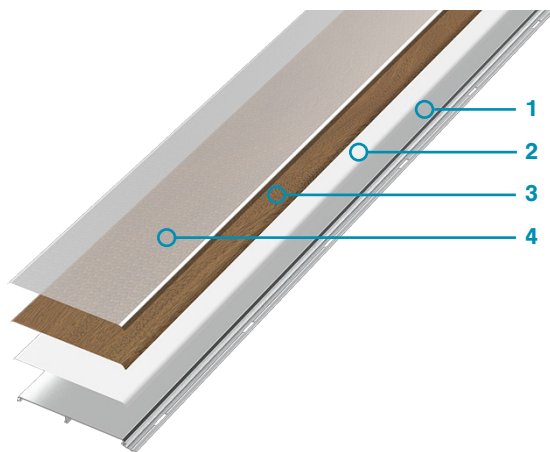
## TECHNICAL DATA SHEET

# Aluminum siding MAE Series

# 6C Plank



Detail A



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.062" (1.60 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

All sizes of profiles interlock with each other with simple tongue and groove mating system. (see Detail A)

Installation can be made both vertically and horizontally.

### 2. PRIMER COAT

Specially formulated primer coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print  $\pm 1$  mil (25.4  $\mu\text{m}$ ) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA06C16IMP - Printed finish
- AEPLA06C16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

6 in Plank - Channel profile

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 4.73 kg | 10.43 lb
- Per box (6 pieces): 28.4 kg | 62.6 lb

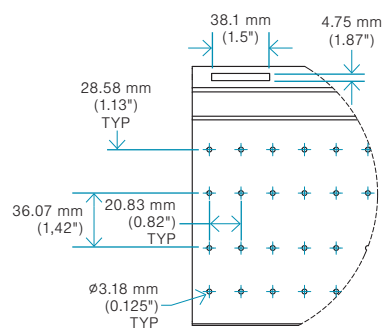
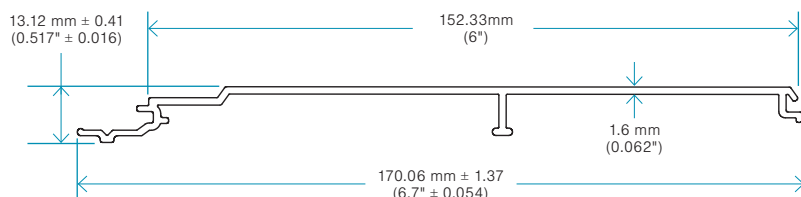
### TESTS AND CERTIFICATIONS\*

- CAN/ULC S102 - Fire Resistance
- CAN/ULC S114 - Fire Resistance
- ASTM E84 - Fire Resistance
- NFPA 285 - Fire Resistance
- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion Testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind load
- ASTM E1592 - Wind load
- Florida Building Code (FBC) compliance

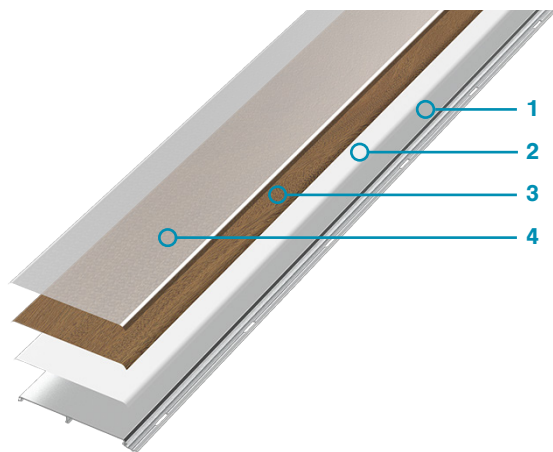
## TECHNICAL DATA SHEET

### Aluminum siding MAE Series

# 6C Vented plank



Detail A



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.062" (1.60 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

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In every 16 foot soffit plank, there are 11.5 square inches (74 square cm) of ventilation.

### 2. PRIMER COAT

Specially formulated primer coat ±1.2 mils (30.48 µm) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print ±1mil (25.4µm) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat ±1.2 mils (30.48 µm) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA6CV16IMP - Printed finish
- AEPLA6CV16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

6 in Vented Plank - Channel profil

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 4.73 kg | 10.43 lb
- Per box (6 pieces): 28.4 kg | 62.6 lb

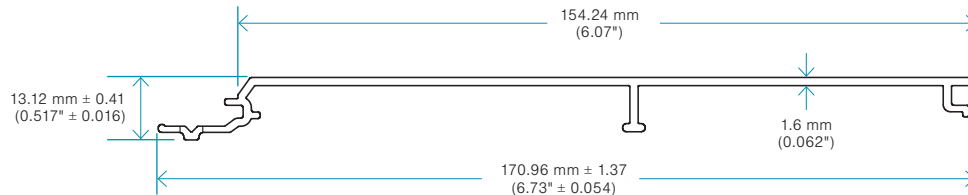
### TESTS AND CERTIFICATIONS\*

- CAN/ULC S102 - Fire Resistance
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- ASTM E84 - Fire Resistance
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- ISO 7895 - Impact Resistance
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- ASTM E1592 - Wind load
- Florida Building Code (FBC) compliance

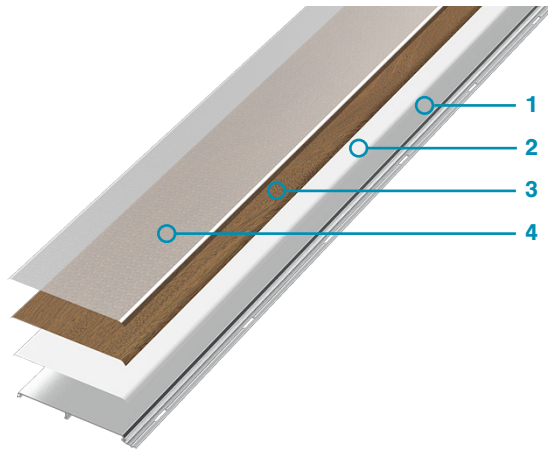
## TECHNICAL DATA SHEET

# Aluminum siding MAE Series

# 6F Plank



Detail A



## Printed Finish

### 1. ALUMINUM

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Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

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### 2. PRIMER COAT

Specially formulated primer coat ±1.2 mils (30.48 µm) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print ±1mil (25.4µm) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat ±1.2 mils (30.48 µm) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA06F16IMP - Printed finish
- AEPLA06F16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

6 in Plank - Flat profile

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 4.73 kg | 10.43 lb
- Per box (6 pieces): 28.4 kg | 62.6 lb

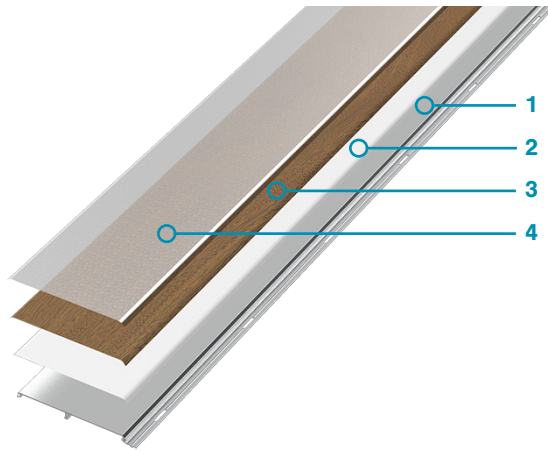
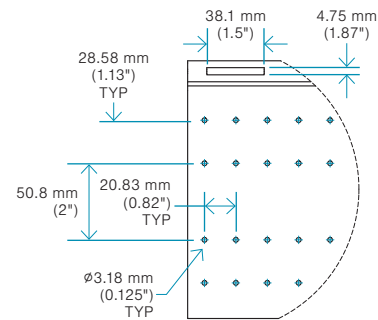
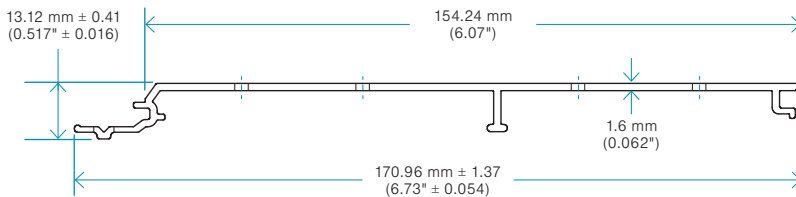
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- CAN/ULC S102 - Fire Resistance
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- ASTM D3359 - Adhesion Testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind load
- ASTM E1592 - Wind load
- Florida Building Code (FBC) compliance

## TECHNICAL DATA SHEET

### Aluminum siding MAE Series

# 6F Vented plank



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.062" (1.60 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

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In every 16 foot soffit plank, there are 11.5 square inches (74 square cm) of ventilation.

### 2. PRIMER COAT

Specially formulated primer coat ±1.2 mils (30.48 µm) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print ±1mil (25.4µm) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat ±1.2 mils (30.48 µm) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA6FV16IMP - Printed finish
- AEPLA6FV16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

6 in Vented Plank - Flat profil

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 4.73 kg | 10.43 lb
- Per box (6 pieces): 28.4 kg | 62.6 lb

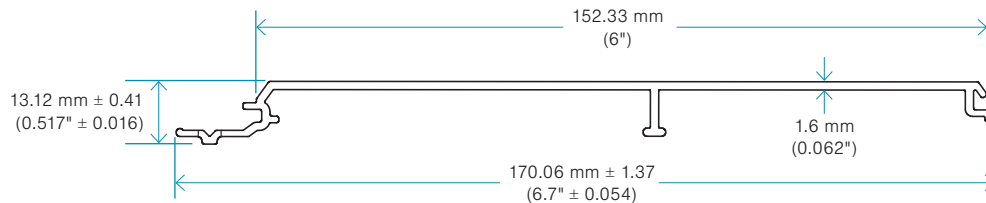
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- Florida Building Code (FBC) compliance

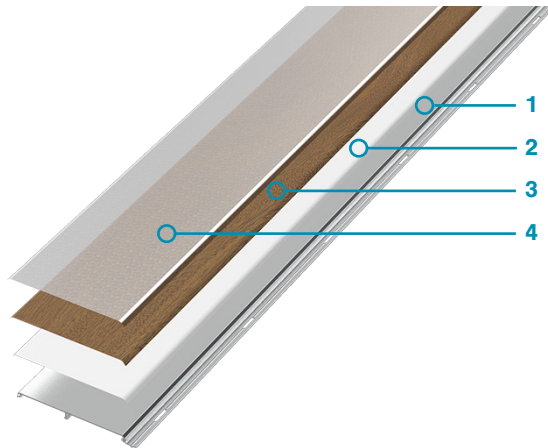
## TECHNICAL DATA SHEET

# Aluminum siding MAE Series

# 6V Plank



Detail A



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.062" (1.60 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

All sizes of profiles interlock with each other with simple tongue and groove mating system. (see Detail A)

Installation can be made both vertically and horizontally.

### 2. PRIMER COAT

Specially formulated primer coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print  $\pm 1$  mil (25.4  $\mu\text{m}$ ) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA06V16IMP - Printed finish
- AEPLA06V16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

6 in Plank - V-Groove profile

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 4.69 kg | 10.34 lb
- Per box (6 pieces): 28.1 kg | 62 lb

### TESTS AND CERTIFICATIONS\*

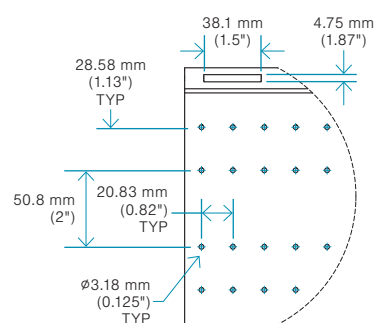
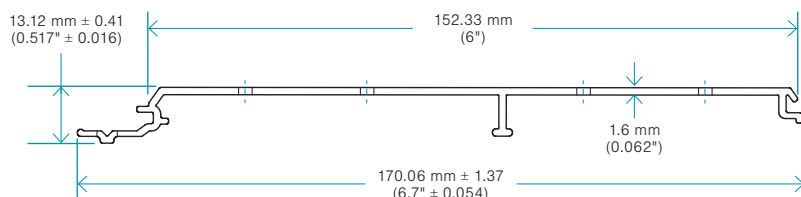
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- ASTM E1592 - Wind load
- Florida Building Code (FBC) compliance



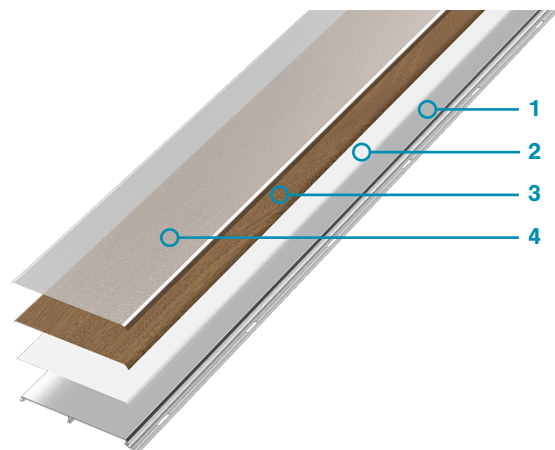
## TECHNICAL DATA SHEET

### Aluminum siding MAE Series

# 6V Vented plank



Detail A



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.062" (1.60 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

All sizes of profiles interlock with each other with simple tongue and groove mating system. (see Detail A)

In every 16 foot soffit plank, there are 11.5 square inches (74 square cm) of ventilation.

### 2. PRIMER COAT

Specially formulated primer coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print  $\pm 1$  mil (25.4  $\mu\text{m}$ ) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA6VV16IMP - Printed finish
- AEPLA6VV16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

6 in Vented Plank - V-Groove profil

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 4.69 kg | 10.34 lb
- Per box (6 pieces): 28.1 kg | 62 lb

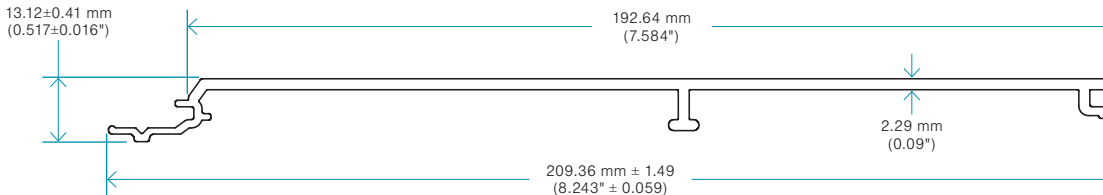
### TESTS AND CERTIFICATIONS\*

- CAN/ULC S102 - Fire Resistance
- CAN/ULC S114 - Fire Resistance
- ASTM E84 - Fire Resistance
- NFPA 285 - Fire Resistance
- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion Testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind load
- ASTM E1592 - Wind load
- Florida Building Code (FBC) compliance

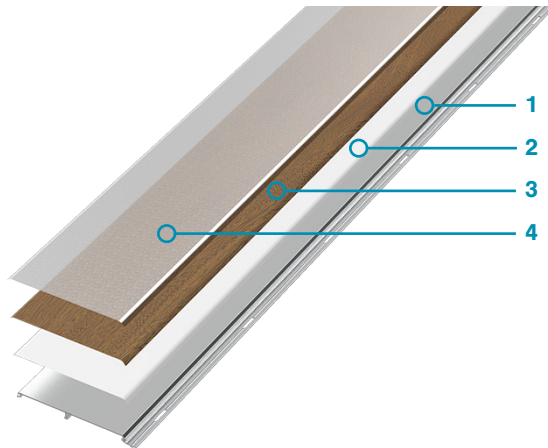
## TECHNICAL DATA SHEET

# Aluminum siding MAE Series

# 8F Plank



Detail A



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.09" (2.29 mm) thick, recognized as the industry's first choice for its exceptional durability.

Oblong holes 1.5" x 0.187" (38.1 mm x 4.75 mm), all being repeated every 8" (203 mm) to allow a fast and easy screw insertion.

All sizes of profiles interlock with each other with simple tongue and groove mating system. (see Detail A)

Installation can be made both vertically and horizontally.

### 2. PRIMER COAT

Specially formulated primer coat ±1.2 mils (30.48 µm) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print ±1mil (25.4µm) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat ±1.2 mils (30.48 µm) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEPLA08F16IMP - Printed finish
- AEPLA08F16TEI - Solid color

### LENGTH

16 ft | 4.87 m

### PRODUCT

8 in Plank - Flat profile

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Per plank: 7.20 kg | 15.9 lb
- Per box (6 pieces): 43.2 kg | 95.4 lb

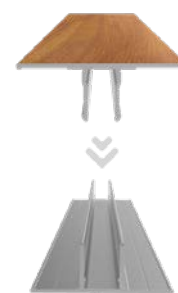
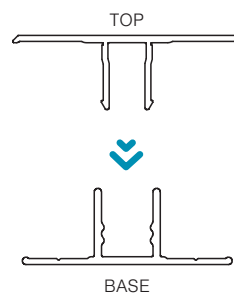
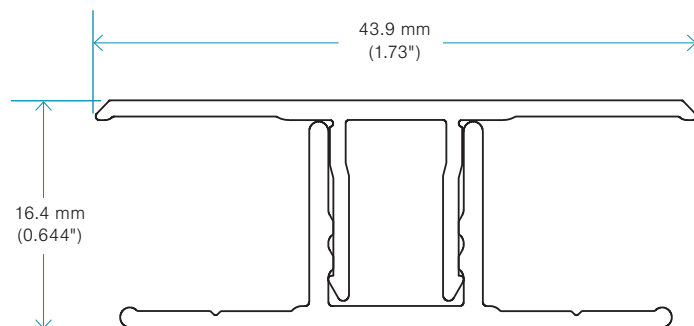
### TESTS AND CERTIFICATIONS\*

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- CAN/ULC S114 - Fire Resistance
- ASTM E84 - Fire Resistance
- NFPA 285 - Fire Resistance
- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion Testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind load
- ASTM E1592 - Wind load

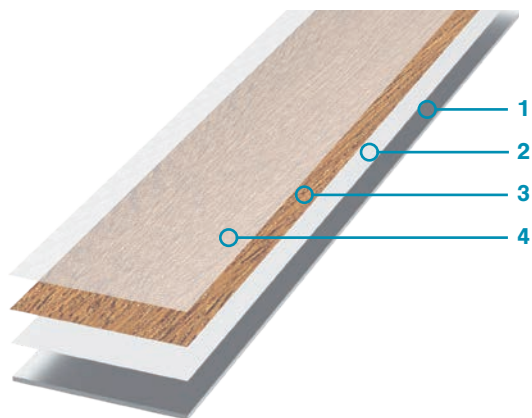
## TECHNICAL DATA SHEET

# Aluminum siding accessories MAE Series

## H-Trim



▶ TOP AND BASE  
PROFILES SOLD  
SEPARATELY



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.055" (1.40 mm) thick, recognized as the industry's first choice for its exceptional durability.

The two-piece accessory moldings are joined together using a snap system, allowing installation without exposed screws.

Installation can be done horizontally and vertically.

### 2. PRIMER COAT

Specially formulated primer coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print  $\pm 1$  mil (25.4  $\mu\text{m}$ ) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEMHTIMP - Printed finish top
- AEMHTTEI - Solid color top
- AEMHB - Base

### LENGTH

12 ft | 3.65 m

### PRODUCT

H-Trim, siding accessories

### AVAILABLE FINISHES

- Printed Finish
- Solid Color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Top only: 2.25 kg | 4.96 lbs
- Total (Top & Base): 3.16 kg | 6.96 lbs

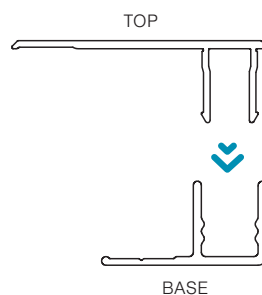
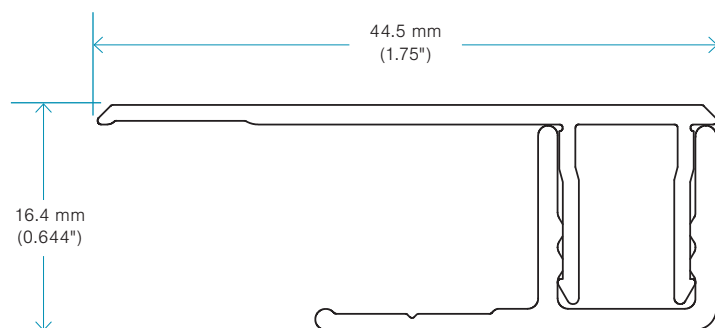
### TESTS AND CERTIFICATIONS\*

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- CAN/ULC S114 - Fire Resistance
- ASTM E84 - Fire Resistance
- NFPA 285 - Fire Resistance
- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind Load
- Florida Building Code (FBC) compliance

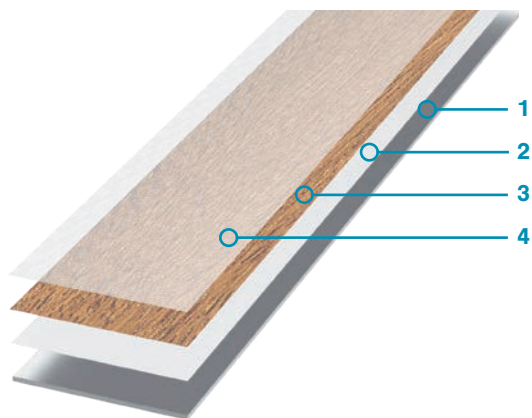
## TECHNICAL DATA SHEET

# Aluminum siding accessories MAE Series

## J-Trim (1.75 in)



▶ TOP AND BASE  
PROFILES SOLD  
SEPARATELY



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.055" (1.40 mm) thick, recognized as the industry's first choice for its exceptional durability.

The two-piece accessory moldings are joined together using a snap system, allowing installation without exposed screws.

Installation can be done horizontally and vertically.

### 2. PRIMER COAT

Specially formulated primer coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print  $\pm 1$  mil (25.4  $\mu\text{m}$ ) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEMJT134IMP - Printed finish top
- AEMJB1IMP - Printed finish base
- AEMJT134TEI - Solid color top
- AEMJB1TEI - Solid color base

### LENGTH

12 ft | 3.56 m

### PRODUCT

J-trim (1.75 in), siding accessories

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Top only: 2.23 kg | 4.92 lbs
- Total (Top & Base): 3.14 kg | 6.92 lbs

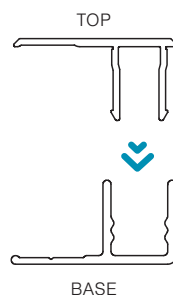
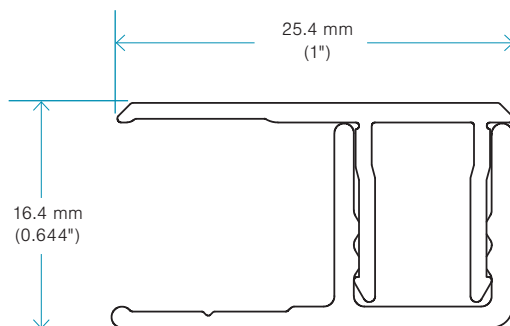
### TESTS AND CERTIFICATIONS\*

- CAN/ULC S102 - Fire Resistance
- CAN/ULC S114 - Fire Resistance
- ASTM E84 - Fire Resistance
- NFPA 285 - Fire Resistance
- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind Load
- Florida Building Code (FBC) compliance

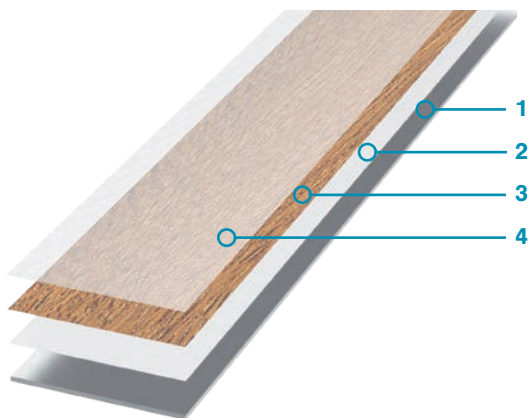
## TECHNICAL DATA SHEET

# Aluminum siding accessories MAE Series

## J-Trim (1 in)



▶ TOP AND BASE  
PROFILES SOLD  
SEPARATELY



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.055" (1.40 mm) thick, recognized as the industry's first choice for its exceptional durability.

The two-piece accessory moldings are joined together using a snap system, allowing installation without exposed screws.

Installation can be done horizontally and vertically.

### 2. PRIMER COAT

Specially formulated primer coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print  $\pm 1$  mil (25.4  $\mu\text{m}$ ) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEMJT1IMP - Printed finish top
- AEMJB1IMP - Printed finish base
- AEMJT1TEI - Solid color top
- AEMJB1TEI - Solid color base

### LENGTH

12 ft | 3.56 m

### PRODUCT

J-trim (1 in), siding accessories

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Top only: 1.93 kg | 4.25 lbs
- Total (Top & Base): 2.83 kg | 6.25 lbs

### TESTS AND CERTIFICATIONS\*

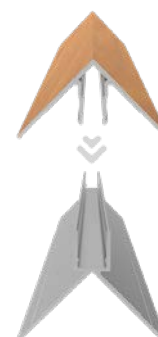
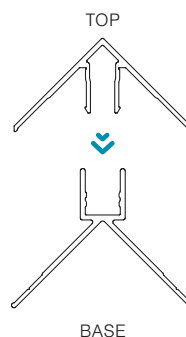
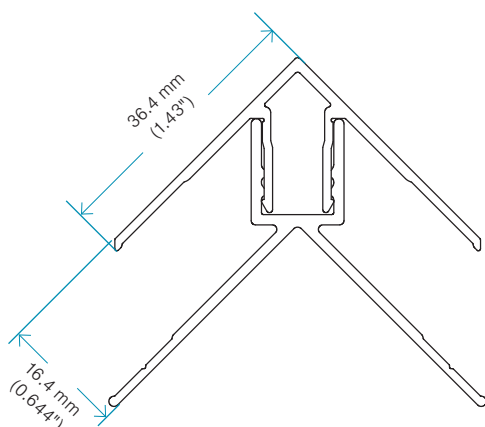
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- ASTM E84 - Fire Resistance
- NFPA 285 - Fire Resistance
- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind Load
- Florida Building Code (FBC) compliance



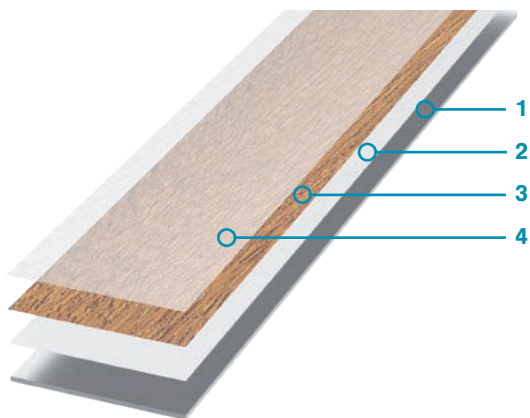
## TECHNICAL DATA SHEET

# Aluminum siding accessories MAE Series

# Outside corner



▶ TOP AND BASE  
PROFILES SOLD  
SEPARATELY



## Printed Finish

### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.055" (1.40 mm) thick, recognized as the industry's first choice for its exceptional durability.

The two-piece accessory moldings are joined together using a snap system, allowing installation without exposed screws.

Installation can be done horizontally and vertically.

### 2. PRIMER COAT

Specially formulated primer coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick assures optimal adhesion between aluminum and ink.

### 3. HD PRINTING

High-definition digital inkjet print  $\pm 1$  mil (25.4  $\mu\text{m}$ ) thick of a wide range of textures with outstanding color variations.

### 4. CLEAR COAT

A protective clear coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEMCET1512IMP - Printed finish top
- AEMCET1512TEI - Solid color top
- AEMCEB112 - Base

### LENGTH

12 ft | 3.56 m

### PRODUCT

Outside corner siding accessories

### AVAILABLE FINISHES

- Printed Finish
- Solid Color

### MATERIAL

6063-T5 aluminum

### WEIGHT

- Top only: 1.64 kg | 3.62 lbs
- Total (Top & Base): 3.28 kg | 7.23 lbs

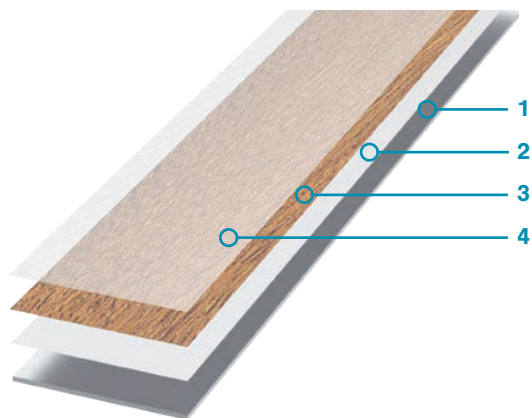
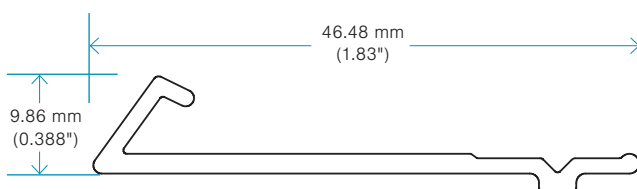
### TESTS AND CERTIFICATIONS\*

- CAN/ULC S102 - Fire Resistance
- CAN/ULC S114 - Fire Resistance
- ASTM E84 - Fire Resistance
- NFPA 285 - Fire Resistance
- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind Load
- Florida Building Code (FBC) compliance

## TECHNICAL DATA SHEET

# Aluminum siding accessories MAE Series

## Starter strip



### Printed Finish

#### 1. ALUMINUM

6063-T5 Aluminum extrusion 0.055" (1.40 mm) thick, recognized as the industry's first choice for its exceptional durability.

The two-piece accessory moldings are joined together using a snap system, allowing installation without exposed screws.

Installation can be done horizontally and vertically.

#### 2. PRIMER COAT

Specially formulated primer coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick assures optimal adhesion between aluminum and ink.

#### 3. HD PRINTING

High-definition digital inkjet print  $\pm 1$  mil (25.4  $\mu\text{m}$ ) thick of a wide range of textures with outstanding color variations.

#### 4. CLEAR COAT

A protective clear coat  $\pm 1.2$  mils (30.48  $\mu\text{m}$ ) thick is applied to provide long-term protection against fading.

## General Specifications

### MODELS

- AEMBDIMP - Printed finish
- AEMBDTEI - Solid color

### LENGTH

12 ft | 3.56 m

### PRODUCT

Starter strip siding accessories

### AVAILABLE FINISHES

- Printed finish
- Solid color

### MATERIAL

6063-T5 aluminum

### WEIGHT

1.16 kg | 2.56 lb

### TESTS AND CERTIFICATIONS\*

- CAN/ULC S102 - Fire Resistance
- CAN/ULC S114 - Fire Resistance
- ASTM E84 - Fire Resistance
- NFPA 285 - Fire Resistance
- ISO 7895 - Impact Resistance
- ASTM D3359 - Adhesion testing
- ASTM D6578 - Graffiti Resistance
- ASTM G155 - UV Resistance
- ISO 7895 / ASTM E330 - Wind Load
- Florida Building Code (FBC) compliance

## Specifications

## WORD Document

To access the document in Word format, click the link below and download from our website:

[074616\\_Maibec\\_Planks Extruded\\_Specifications\\_EN](#)



# Architectural Aluminum

## SECTION 07 46 16 ALUMINUM SIDING

### PART 1 - GENERAL

#### 1.1 SECTION INCLUDES

- A. Digitally printed aluminum siding for exterior and interior horizontal and vertical applications, with primer coat, digitally printed finish and UV Clear Coat
- B. Digitally printed aluminum accessory products including;
  - 1. [Starter Strips]
  - 2. [Two-Pieces Corners and Trims]
  - 3. [Vented Soffit planks]

#### 1.2 RELATED SECTIONS

- A. Section 01 74 21 - Construction/Demolition Waste Management and Disposal
- B. Section 05 41 00 - Structural Metal Stud Framing
- C. Section 06 10 00 - Rough Carpentry
- D. Section 06 16 00 - Sheathing
- E. Section 07 20 00 - Thermal Protection
- F. Section 07 25 00 - Weather Barriers
- G. Section 07 60 00 - Flashing and Sheet Metal
- H. Section 07 92 11- Joint Sealants

#### 1.3 REFERENCES (The date of the standard is that in effect as of the date of receipt of bids for the project.)

- A. American Society for Testing and Materials (ASTM)
  - 1. ASTM E84 – Standard Test Method for Surface Burning Characteristics of Building Materials.
  - 2. ASTM E1592 – Standard Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference.
  - 3. ASTM E330 – Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference.
  - 4. ASTM D6578 – Determination of Graffiti Resistance.
  - 5. ASTM D3359-B – Measuring Adhesion by Tape Test.
  - 6. ASTM G155 – Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials.
  - 7. ASTM B117 – Standard Practice for Operating Salt Spray (Fog) Apparatus.
- B. Testing Application Standard (TAS)
  - 1. TAS 202 – Criteria for Testing Impact & Non-impact Resistant Building Envelope Components Using Uniform Static Air Pressure.
  - 2. TAS 203 – Criteria for Testing Products Subject to Cyclic Wind Pressure.



- C. American Architectural Manufacturers Association (AAMA) (FGIA)
  - 1. AAMA 2604 – Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels.
  - 2. AAMA 2605 – Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels.
- D. Underwriters Laboratories Canada (ULC)
  - 1. CAN/ULC-S102 – Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.
  - 2. CAN/ULC-S114 – Standard Method of Test for Determination of Non-Combustibility in Building Materials.
- E. Florida Building Code (FBC)
  - 1. Florida Product Approval No. FL 22530
- F. National Fire Protection Association (NFPA)
  - 1. NFPA 285 – Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components.

#### 1.4 PERFORMANCE REQUIREMENTS

- A. Design cladding to span continuously over structural supports with fastening to structural supports to sustain factored loads in accordance with authority having jurisdiction.
- B. Provide system to accommodate thermal movement of components and structural movements to provide an installation free of oil canning, wind rattle, buckling, failure of joint seals, and undue stress on fasteners.
- C. Include expansion joints to accommodate movement in wall system and between wall system and building structure, caused by structural movements, without permanent distortion, damage to infills, racking of joints, breakage of seals, or water penetration.

#### 1.5 SUBMITTALS [EDIT AS REQUIRED]

- A. ACTION SUBMITTALS
  - 1. Product Data: For each type of product, include the following:
    - a. Technical data sheet
    - b. Installation Instructions
    - c. Standard drawing details and application
    - d. Aluminum material information
    - e. UV Fade Test Reports, by a 3rd Party Testing Agency
    - f. Siding and accessory dimension of components and profiles
  - 2. Digital Style and Color card showing the variation within selected style and color
  - 3. Samples: Printed siding plank (or printed carton) to match Digital Style and Color card
- B. INFORMATIONAL SUBMITTALS
  - 1. Product Test Reports: Submit for each type of aluminum siding [and soffit], tests performed by a qualified testing agency

#### SPECIFIER NOTE:

When project is pursuing a sustainable rating system, retain Sustainable Design Submittal paragraph and edit to correspond to the specific Project requirements. Modify based on rating system being pursued.

- 2. Sustainable Design Submittals:
  - a. Sourcing of Raw materials: Building Product Disclosure and Optimization indicating source and extraction.

**SPECIFIER NOTE:**

Retain "Florida Building Code **Certificate**" for Florida projects or where FBC qualification is used as a standard for high wind design areas.

3. [Florida Building Code **Supplement**: Documentation indicating that products comply with requirements of the Florida Building Code.]

4. Sample warranty: For special finish

**C. CLOSEOUT SUBMITTALS**

1. Maintenance data: For each type of product, including related accessories. Include in Maintenance manuals.
2. Warranty: Executed copy of the manufacturer's warranty.

**1.6 QUALITY ASSURANCE [EDIT AS REQUIRED]**

- A. Coordinate requirements with Section 01 45 00 "Quality Control".
- B. Test Reports: Certified testing reports showing compliance with specified performance characteristics and physical properties, including laboratory reports showing compliance with specified tests and standards.
- C. Installer Qualifications: Engage experienced installer, with a minimum of five years' experience, who has completed systems similar in material, design, and extent to that indicated for Project and with record of successful performance.
- D. Pre-installation meeting:
  1. Conduct meeting at Project Site [Insert location].
  2. Review project drawings and requirements, manufacturer's installation instructions, and manufacturer's warranty requirements.
  3. Review wall framing for potential interference and conflicts; coordinate layout and support provisions for interfacing work.
  4. Review field quality control procedures.
- E. Mockups: Build mockups to verify selections made and to demonstrate aesthetic effects and to set quality standards for fabrication and installation.
  1. Build mockups for siding [and soffit] including accessories:
    - a. Size: 72 square feet, unless noted otherwise.
    - b. Include all possible planks style as reference to avoid repetition of pattern.
    - c. Include outside corner on one end of mockup and inside corner on opposite end.
  2. Construct a [portion of one exterior wall in location agreed upon by Consultant] [a free-standing mock-up] to establish a standard of construction, workmanship, and appearance.
  3. Construct mock-up indicating relationship between wall cladding, air spaces, air/vapor retarder membrane, windows, and doors.
  4. Do not continue with work of this Section until [Construction Manager,] [Owner,] [Consultant], [Architect,] [Engineer] has approved mock-up.
  5. [Remove freestanding mock-up upon completion of all metal cladding work or when otherwise directed by Consultant.]
  6. [Accepted mock-ups may be incorporated into the work of this Section.]
  7. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

**SPECIFIER NOTE:**

Retain "Florida State Building Code Certificate" for Florida projects or where FSBC qualification is used as a standard. The Florida Product Approval number indicated is specific to MAIBEC.

- F. [Florida Building Code Compliance: Provide siding complying with Florida Building Code product and installation requirements for locations inside and outside of high velocity hurricane zone (HVHZ).]
  1. [Florida Product Approval No. FL 22530 – Maibec.]

- G. Surface Burning Characteristics: In accordance with ASTM E84
  - 1. Flame Spread Index: 0
  - 2. Smoke Developed Index: 0
- H. UV Fade Test: In accordance with ASTM G155
  - 1. AATCC Grey Scale rating after 2000 hours: 4 (not noticeable)
- I. Fire Propagation Characteristics of Exterior Wall Assemblies: In accordance with NFPA 285
  - 1. Meet Class A (0/0) FSI/SDI
  - 2. Meet non combustibility

## **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials and components in manufacturer's unopened **boxes or pallets**, properly labeled, and fully identified by product name and brand. Prevent any damage during unloading, storing, and installation.
- B. Store, protect and handle materials and components in accordance with manufacturer's recommendations to prevent twisting, bending, mechanical damage, contamination, and deterioration.
- C. Store materials and components off ground and keep clean, dry, and free of dirt and debris. Store away from areas with falling objects or other construction activity that may occur or cause damage.
- D. Stack materials and components horizontally on platforms or pallets, covered with suitable weathertight and ventilated covering. Store materials to ensure dryness, with positive slope for drainage of water. Do not store materials and components in contact with other materials that might cause staining, denting, or other surface damage.

## **1.8 SITE CONDITIONS**

- A. Field Measurements: Verify location of structural members and openings in substrates by field measurements before fabrication and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the installation.
- B. Undertake installation work only when weather conditions meet manufacturers' specific environmental requirements and when conditions will permit work to be performed in accordance with manufacturer recommendations and warranty requirements.

## **1.9 WASTE MANAGEMENT AND DISPOSAL [EDIT AS REQUIRED]**

- A. Separate waste materials for recycling in accordance with Section 01 74 21 "Waste Management and Disposal".
- B. Divert used metal cutoffs from landfill by disposal **[into the onsite metals recycling bin] [removed for disposal at the nearest metal recycling facility]**.
- C. Divert reusable materials for reuse at nearest used building materials facility.
- D. Divert unused caulking, sealants, and adhesive materials from landfill through disposal at hazardous material depot.

## 1.10 WARRANTY [EDIT AS REQUIRED]

- A. Manufacturer warrants its aluminum siding and soffits are free of defects in material and workmanship, and when installed and maintained according to the manufacturer's instructions, the products are guaranteed against corrosion.
- B. Cladding system: 50 Year Warranty from date of Substantial Completion on Extruded Aluminum Profiles, non-prorated.

### SPECIFIER NOTE:

Select the appropriate Finish Warranty specific to this project.

#### C. Finish Coating Warranty:

1. **[Digital printed Finish]**: "3 layers" finish includes primer, high-definition printed layer and clear protective coating. Finish warranted to have following properties and period:
  - a. Resistance to Cracking and Crazing.
  - b. Color stability: No change in the color of the finish exceeding 5 (five) CIE Lab units. CIE illuminant D65, measured according to ASTM D2244 Section 6.3.
  - c. Gloss Retention: Finish will retain at least 30% of the initial gloss, measured according to ASTM D523.
  - d. Adhesion: The finish will not show any detachment inferior to class 4B.
  - e. 20 Year Warranty from date of Substantial Completion. Pending maintenance of the material and finishes as recommended by the manufacturer.
2. **[Painted Finish]**: Finish warranted to have the following properties and period:
  - a. Resistance to Cracking and Crazing.
  - b. Resistance to Chalking: The finish will not chalk more than a numerical rating of 8.
  - c. Color stability: No change in the color of the finish exceeding 5 (five) CIE Lab units. CIE illuminant D65, measured according to ASTM D2244 Section 6.3.
  - d. Gloss Retention: Finish will retain at least 30% of the initial gloss, measured according to ASTM D523.
  - e. Adhesion: The finish will not peel at a rate inferior to class 4B.
  - f. Warranty as per **[AAMA 2604]** **[AAMA 2605]** from date of Substantial Completion. Pending maintenance of the material and finishes as recommended by the manufacturer.
3. See Manufacturer Warranty Sheet for full product and finish warranty details.
4. Contractor's Labor Warrantees: Three-year labor warranty, starting from **[date of Owner acceptance of completed work]** **[Substantial Performance]**, to cover repair of materials found to be defective as a result of installation errors.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURER

- A. Maibec Inc., 4000 Jean-Marchand Street, Unit 108, Quebec City, Quebec Canada G2C 1Y6.  
[www.maibec.com](http://www.maibec.com)

### 2.2 MATERIAL

- A. Extruded Aluminum: 6063-T5 alloy in accordance with ASTM B221.

## 2.3 ALUMINUM SIDING [AND SOFFIT] PLANKS [EDIT AS REQUIRED]

- A. General: Provide as recommended by siding manufacturer for building configuration.

### SPECIFIER NOTE:

Select the desired profile specific to the project and delete the other indicated profiles. Where more than one profile or size is selected coordinate with drawings for clarity. Not all profiles are available in all exposed face dimensions. Select accordingly.

- B. "F" Profile: Flat
1. [4-F; Exposed Face: 4 inches (102mm)] [6-F; Exposed Face: 6 inches (152mm)]
    - a. Minimum metal thickness: 0.062 inch (1.57mm)
  2. [8-F; Exposed Face: 8 inches (7.6 inches actual)]
    - a. Minimum metal thickness: 0.090 inch (2.30mm)
  3. Plank Length: 16 feet (4876mm)
- C. "V" Profile: V-Groove
1. [3-V; Exposed Face: 3 inches (76mm)]
    - a. Minimum metal thickness: 0.055 inch (1.39mm)
  2. [4-V; Exposed Face: 4 inches (102mm)] [6-V; Exposed Face: 6 inches (152mm)]
    - a. Minimum metal thickness: 0.062 inch (1.57mm)
  3. Plank Length: 16 feet (4876mm)
- D. "C" Profile: Channel
1. 6-C; Exposed Face: 6 inches (152mm)
    - a. Minimum metal thickness: 0.062 inch (1.57mm)
  2. Plank Length: 16 feet (4876mm)
- E. All extruded aluminum planks' profiles are complete with a set of 1.5" (38mm) x 0.187" (4.7mm) factory punched oblong screw holes, repeated every 8" (203mm), and complete with an extruded "T" shape reinforcement on the back.
- F. Acceptable Materials: Maibec digitally printed aluminum Siding and Soffit Collections below as manufactured by Maibec® Inc.
1. [Maibec Classic™]
  2. [Maibec Express™ Aluminium]
  3. [Maibec Iconik™]
  4. [Maibec Infinite™]
- G. Substitutions: Not Permitted.
- H. Requests for substitutions will be considered in accordance with the guidelines outlined in Section 01 60 00 "Product requirements".

## 2.4 ACCESSORIES [EDIT AS REQUIRED]

- A. General: Provide as recommended by siding manufacturer for building configuration.
1. Accessories shall be made from the same material and matching finish of adjacent siding planks unless otherwise indicated.

### SPECIFIER NOTE:

Select the desired accessories specific to the project and delete the other indicated accessories. Where more than one accessory is selected coordinate with drawings for clarity. Select accordingly.

- B. Extruded Aluminum Accessories: One piece Trim, 12 feet (3657mm) length
1. Starter Strip
- C. Extruded Aluminum Accessories: Two (2) Pieces Trim, 12 feet (3657mm) length
1. [J-Trim - 1 inch]
  2. [J-Trim - 1-3/4 inch]
  3. [H-Trim]



#### 4. [Outside Corner]

**SPECIFIER NOTE:**

For inside corners, 1 inch and 1-3/4 inch J-Trims are both required to provide a uniform appearance. Contact MAIBEC representatives for assistance.

#### 5. [Inside Corner]

**SPECIFIER NOTE:**

For outside corners with variable angle (other than 90 degrees), use BJTH Trims, which include two (2) J-Trim Base and two (2) H-Trim Caps. Contact MAIBEC representatives for assistance.

#### 6. [Outside Corner (Variable Angle)]

**SPECIFIER NOTE:**

Vented planks provide air circulation for soffits.

Select the desired profile specific to the project and delete the other indicated profiles. Where more than one profile or size is selected coordinate with drawings for clarity. Not all profiles are available in all exposed face dimensions. Select accordingly.

- D. Aluminum Vented Plank: Soffit type plank with factory punched perforations. Shall be made from the same material and matching finish of adjacent siding planks/accessories unless otherwise indicated.
  - 1. Profile F: Flat
    - a. [4-FV; Exposed Face: 4 inches] [6-FV; Exposed Face: 6 inches]
    - b. Minimum metal thickness: 0.062 inch (1.57mm)
    - c. Vented Plank Length: 16 feet (4876mm)
    - d. Net ventilation of 11.5sq/inches (1.1 sq/meter) per plank
  - 2. Profile V: V-Groove
    - a. [4-VV; Exposed Face: 4 inches] [6-VV; Exposed Face: 6 inches]
    - b. Minimum metal thickness: 0.062 inch (1.57mm)
    - c. Vented Plank Length: 16 feet (4876mm)
    - d. Net ventilation of 11.5sq/inches (1.1 sq/meter) per plank
  - 3. Profile C: Channel
    - a. 6-CV; Exposed Face: 6 inches
    - b. Minimum metal thickness: 0.062 inch (1.57mm)
    - c. Vented Plank Length: 16 feet (4876mm)
    - d. Net ventilation of 11.5sq/inches (1.1 sq/meter) per plank
- E. Flashing: Provide aluminum flashing complying with Section 07 62 00 "Sheet Metal Flashing and Trim" at sill, window and door heads and where indicated.
- F. Fasteners: 1-1/2 inches length, #8 Stainless Steel screw or other types with corrosion resistance suitable for the substrate application and to conditions and environmental exposition, supplied by other manufacturers.
  - 1. Clip fasteners are not acceptable.

## 2.5 FINISHES [EDIT AS REQUIRED]

**SPECIFIER NOTE:**

Select the desired siding planks and/or vented soffits finish specific to project and delete the other indicated finish. Where more than one finish is selected coordinate with drawings for clarity. Select accordingly. Select accordingly.

- A. [Digitally Printed Finish]
  - 1. Primer coat: High quality white UV coating applied to aluminum.
  - 2. Digital printed inkjet coating.
  - 3. UV Barrier: Protective Clear Coat for UV protection against fading.
  - 4. Style and Color to match MAIBEC Architectural Aluminum [STYLE and Color reference XXX-XX].

- B. **[Solid Color Finish]**
  - 1. Liquid-coat finish: AAMA 2605 and Qualicoat certified.
  - 2. Powder coat finish: AAMA 2604
  - 3. Powder coat finish: AAMA 2605
  - 4. Color to match MAIBEC Architectural Aluminum **[COLOR reference XXXXX]**.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance of aluminum siding **[and soffit]** and related accessories.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

### **3.2 PREPARATION**

- A. Clean substrates of projections and substances detrimental to application.
- B. Inspect product before installation and verify that there is no shipping damage. Ensure proper handling and storage of all material.
- C. Do not install any damaged or questionable product; repair or replace as required for smooth, consistent, and high-quality finished appearance.

### **3.3 INSTALLATION**

- A. General: Comply with manufacturer's written installation instructions and shop drawings applicable to products and applications indicated unless more stringent requirements apply.
  - 1. Center screws in oblong screw holes
  - 2. Leave 1/16" (1.6mm) minimum clearance between the back of screw head and plank surface to allow thermal movement.
- B. Install aluminum siding, soffits and accessories as required, maintaining joints are true to line, tight fitting, hairline joints.
  - 1. Locate joints over supports or use trim pieces as required to ensure structural stability.
  - 2. Fasten to supports in an aligned, level, and plumb manner, using spacing recommended by manufacturer's installation instructions.
- C. Install aluminum cladding and related accessories according to AAMA 1402

#### **SPECIFIER NOTE:**

Wind Load Testing is performed with fasteners spaced at 16 inches on center. If another fastener spacing needed for a specific project, contact a MAIBEC Representative to determine what is appropriate.

- 0. Install fasteners no more than 16 inches (406mm) o.c.
- 1. Leave 3/16" (4.7mm) clearance between trim and planks to allow thermal movement.
- 2. Where planks are butt joined together
  - a. Fasten directly through metal each plank butt joint with one (1) locking screw.
  - b. Locate locking screw close to butt joint to allow thermal movement at opposite ends. Balance of plank must be fastened in center of oblong holes.
- 3. If full length planks, cut 1/4 inch from each extremity to ensure square and neat junction.
- 4. Use appropriate colored touch up pen to cover exposed cut ends.

- D. Where aluminum siding contacts dissimilar metals, protect against galvanic action by painting contact surfaces with primer or by applying sealant or tape or installing nonconductive spacers.
- E. Coordinate installation of flashings as specified in Section 07 60 00 "Flashing and Sheet Metal" and other outside components that relate to the cladding system.
- F. Install joint sealants as specified in Section 07 92 00 "Joint Sealants" to produce a weathertight installation.

### **3.4 ADJUSTING AND CLEANING**

- A. Review entire installed area for obvious flaws, defects, or improper installation. Remove, replace and/or repair any problem areas with new materials complying with specified requirements, paying close attention to the substrate as a potential cause of any problems.
- B. Finished installation must be properly secured, free of rattles, distortions, waviness, protrusions, and damaged or chipped components.
- C. Clean finished surfaces according to manufacturer's written instructions and maintain in a clean condition during construction.

## **END OF SECTION**

#### **DISCLAIMER:**

This Specification has been written as an aid to the professionally qualified Specifier and Design Professional. The use of this Guide requires the sole professional judgment and expertise of the qualified Specifier and Design Professional to adapt the information to the specific needs for the Building Owner and the Project, to coordinate with their Construction Document Process, and to meet all the applicable building codes, regulations, and laws. MAIBEC INC. EXPRESSLY DISCLAIMS ANY WARRANTY, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR THE PARTICULAR PURPOSE OF THIS PRODUCT FOR THE PROJECT.

# Installation Guide



# Installation Guide Aluminum Siding

## Architectural Aluminum

From Nature to Architecture



# Installation Guide Aluminum Siding

Read this entire guide before installing your siding. For proper installation, you must understand and follow all requirements and steps correctly. **DOWNLOAD THE LATEST VERSION ONLINE AT [ALU.MAIBEC.COM](http://ALU.MAIBEC.COM).** For any questions, please contact Maibec's technical service toll-free at 1-800-363-1930, Monday to Friday from 8:30 a.m. to 4:30 p.m. (Eastern Time)

**IMPORTANT: COMPLIANCE WITH MAIBEC'S INSTALLATION, STORAGE AND MAINTENANCE REQUIREMENTS, AND WITH ALL APPLICABLE BUILDING CODES IS MANDATORY. PROBLEMS CAUSED BY FAILURE TO COMPLY WITH THESE REQUIREMENTS AND CODES MAY NOT BE COVERED BY THE APPLICABLE WARRANTIES.**

## IMPORTANT NOTES

- To avoid any damage to your product, it must be stored flat and dry. Do not store in a humid environment.
- Use stainless steel screws #8 every 16". [FIGURE 1]
- Aluminum undergoes expansion and contraction due to temperature variation. Do not over tighten the screw, leave 1/16" of space between the fastener head and the plank and screw in the center of the slot. [FIGURE 1]
- Always use a piece of wood to "snap" the cap on the base of the accessories. You must never directly hammer the aluminum, as you may damage the trim or its finish. [FIGURE 2]
- When installing the siding on steel bars (Z-Bar), there must be a membrane on the Z-Bar so that the aluminum is not in contact with the steel.
- A high quality waterproofing membrane must be installed on the wall to insure a complete waterproof installation. [FIGURE 3]
- When cutting siding and accessories, always use a compound miter saw or small table saw equipped with 80T - 100T non-ferrous metal cutting blade.\*
  - \* 96T blades are recommended for end-to-end board cutting (step 11).
- Use appropriate eye and ear protection when cutting metal siding.

FIGURE 1

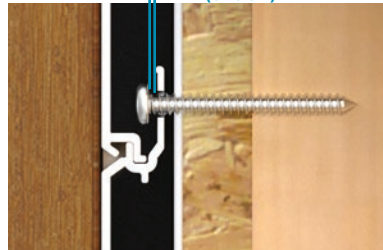


FIGURE 2



FIGURE 3



FIGURE 4





## BEFORE YOU BEGIN INSTALLATION



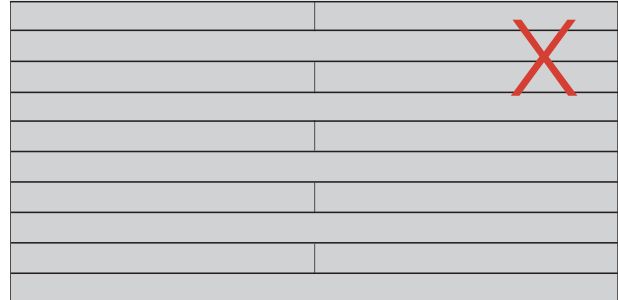
**SPECIAL INSTRUCTIONS.** TO ACHIEVE THE BEST POSSIBLE RESULT AND KEEP THE NATURAL LOOK OF THE PRINTED PATTERN, PLEASE FOLLOW THE BELOW RECOMMANDATIONS.

### STAGGERING

Planks must be staggered randomly in order to prevent repeating printed features from forming unwanted patterns throughout the installation.



For optimal look and final result, spread the butt joints along the wall or use a trim to harmonize the design.



Avoid lining up seams to ensure a proper random and natural look of the printed pattern.

### PATTERN DISTRIBUTION

All textures are printed using a minimum of 9 scanned images of various wood planks. Our exclusive digital printing process offers stunning images of different planks in order to avoid repetition.



Note the 9 repeating faces of Maibec Architectural Aluminum cladding.

Frequently step back to verify that there is no repetition of 2 boards close to one another.

Unique elements like knots and wood grain pattern should not line up between rows.



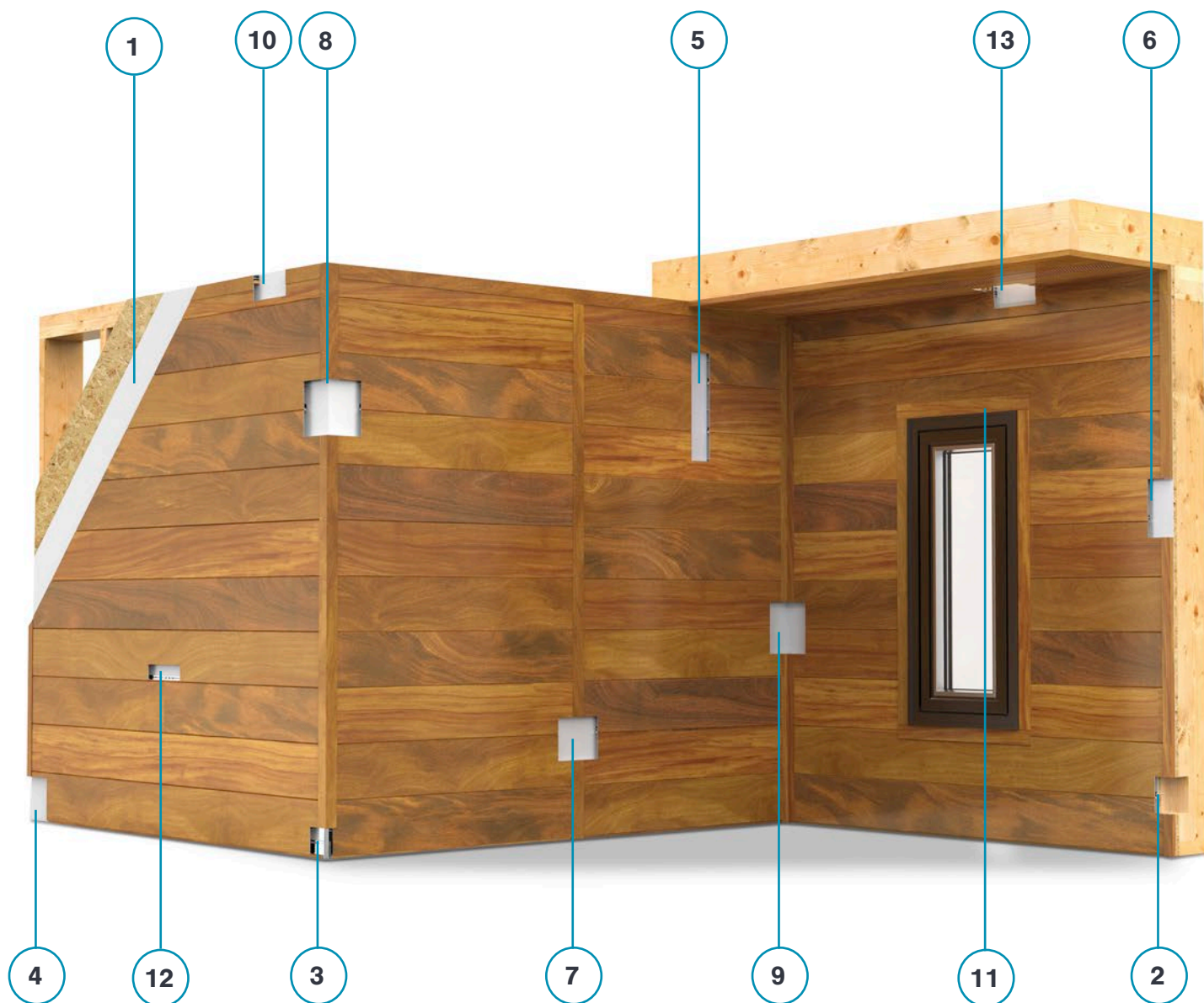
Above, a random assembly of 9 different planks with a 16-foot section.

Note that the staggering of the planks prevents features such as knots from aligning.



The boards marked with an X should be swapped for other faces.

## HORIZONTAL INSTALLATION STEPS



# Horizontal installation steps

## 1. WATERPROOFING MEMBRANE

A properly installed high quality waterproofing membrane is essential for keeping the building dry.



## 2. TO START

Install the base of the J-Trim, base of the H-Trim and base of the outside corner first.

Screw through the base every 16".



## 3. STARTER STRIP

Install the starter strip as shown and keep 3/16" on both ends for expansion and contraction (see image above).

Make sure the starter strip is leveled.

A minimum 1" stand-off from the ground must be maintained at all times.



Horizontal installation steps (cont'd)

## 4. PLANKS

The planks must be inserted all the way into the previously installed plank before screwing. Remove any debris present in the the lower plank if necessary.



## 5. J-TRIM

Keep 3/16" between the trim and the plank to allow expansion and contraction.

During installation of trim J-Trim Cap, the installer must cut 1/4" (6.3 mm) off each end of the piece and cover any raw aluminum finish with a color-matching touch-up pen. Refer to page 2 for appropriate blade to use with aluminum.



## 6. H-TRIM

Keep 3/16" between the trim and the plank to allow expansion and contraction.

During installation of trim H-Trim Cap, the installer must cut 1/4" (6.3 mm) off each end of the piece and cover any raw aluminum finish with a color-matching touch-up pen. Refer to page 3 for appropriate blade to use with aluminum.





Horizontal installation steps (cont'd)

## 7. OUTSIDE CORNER (OSC)

Keep 3/16" between the outside corner and the plank to allow expansion and contraction.

During installation of Outside Corner Cap, the installer must cut 1/4" (6.3 mm) off each end of the piece and cover any raw aluminum finish with a color-matching touch-up pen. Refer to page 2 for appropriate blade to use with aluminum.



## 8. INSIDE CORNER

To make an inside corner, finish the first wall with J-Trim 1 3/4" and start the adjacent wall with J-Trim 1".

Keep 3/16" between the trims and the planks to allow expansion and contraction.

During installation of trim J-Trim Cap, the installer must cut 1/4" (6.3 mm) off each end of the piece and cover any raw aluminum finish with a color-matching touch-up pen. Refer to page 3 for appropriate blade to use with aluminum.



### INSIDE CORNER (ALTERNATE FINISH)

Inside corners can also be finished with planks running up to the adjacent wall and cut 3/16" short to allow for expansion and contraction.

Start the adjacent wall with J-Trim 1".



Horizontal installation steps (cont'd)

## 9. LAST ROW

On the last row use J-Trim 1" or J-Trim 1 3/4" as shown.

Install a small 1/2" thick spacer between J-Trim base and plank to avoid movement on the last row.

Leave a 3/16" gap between the molding in the last row and those at both ends of the wall to allow for expansion and contraction.



## 10. WINDOW

For a window or a door, simply use J-Trim 1" or J-Trim 1 3/4" as shown.





Horizontal installation steps (cont'd)

## 11. ADJACENT PLANKS

It is possible to install two planks without using an H-Trim. In that case, start by cutting 1/4" (6.3 mm) off both planks to assure a clean 90° cut. Lock both ends at the junction by screwing tightly through the aluminum. Screw remaining of plank every 16" using the slots.

To achieve a perfect butt-joint, use the touch-up pen supplied by Maibec directly on the aluminum of each plank.

Installing more than two consecutive planks requires an H-Trim (Step 6), in order to allow for the expansion and contraction of the aluminum.

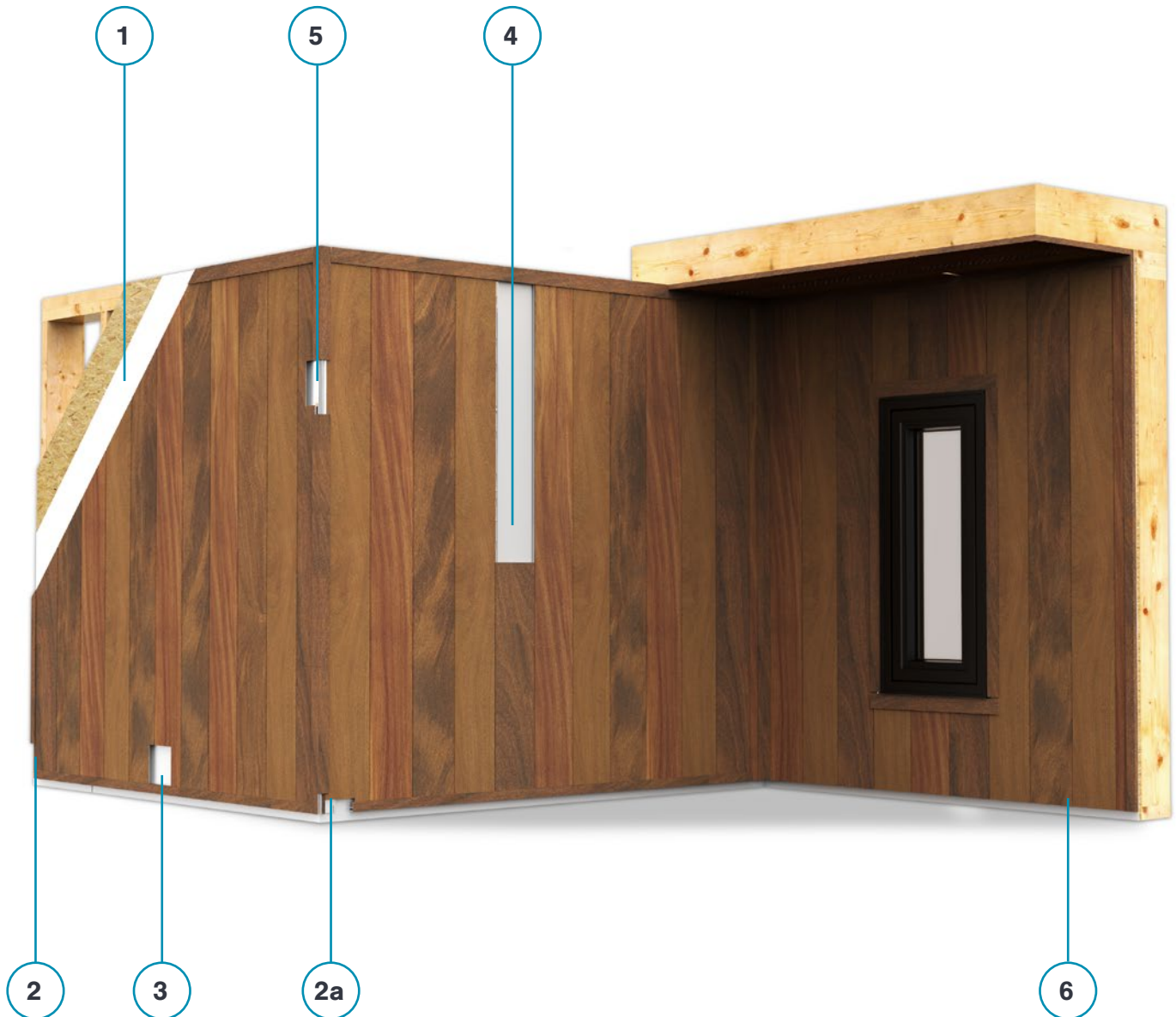


## 12. SOFFIT

The plank can be used as a soffit. The junction from the wall to the soffit is done as an inside corner. (Step 8.)



## VERTICAL INSTALLATION STEPS



Refer to page 6 for J-Trim and H-Trim, page 7 for Outside corner and Inside corner and page 8 for Windows.

# Vertical installation steps

## 1. WATERPROOFING MEMBRANE

A properly installed high quality waterproofing membrane is essential for keeping the building dry.



## 2. STARTER - BASE SECTION

The first plank can be inserted into a J-Trim running vertically. Alternatively, a starter-strip can be installed into the J-Trim for the first plank to be securely fastened. (See step 5)

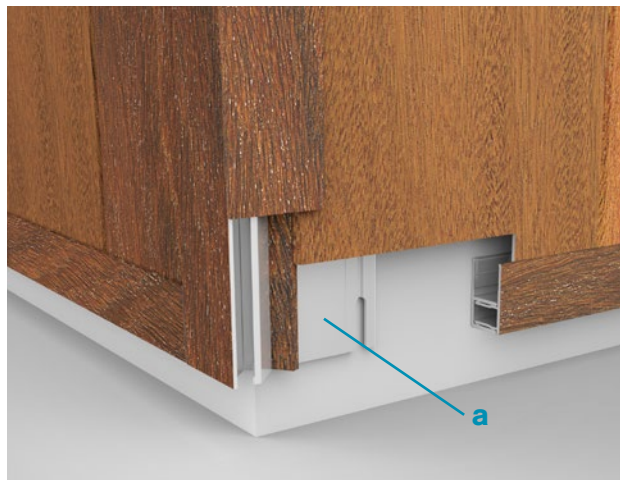
The base section is comprised of another J-Trim running horizontally. Install both base and cap before planks for easier drainage preparation.

Always keep 3/16" at both ends of planks and the J-Trims to allow for expansion and contraction.



### STARTER - ALTERNATE INSTALLATION

A starter-strip (a) can be inserted into a vertical J-Trim or Outside Corner (as shown). This installation will provide a securely fastened starter plank.



Vertical installation steps (cont'd)

### 3. WATER DRAINAGE HOLES

To allow for proper water drainage, 1/4" wide holes must be pierced into the bottom J-Trim base and cap at 16" intervals.

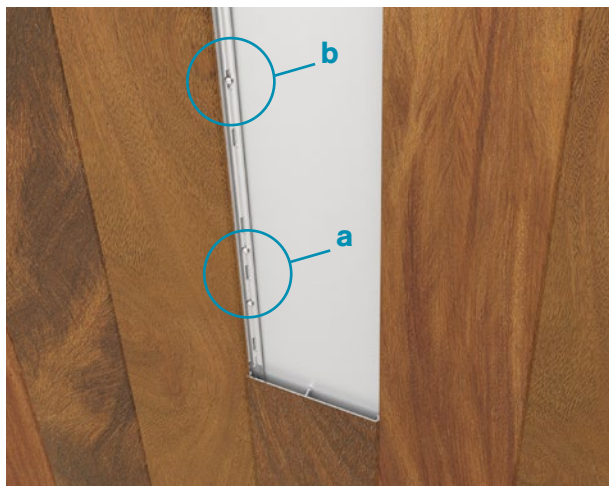
Holes should be pierced with J-Trim base and cap tightly fitted together, but not completely snapped, before installing on the wall. After piercing holes, separate the two J-Trim pieces and install the base on the wall. After installing planks, the J-Trim cap will be snapped onto the base, aligning holes previously pierced.



### 4. SET SCREWS

When fastening planks, use two (2) set screws around the middle of a plank to avoid planks sliding down (a).

Set screws must be inserted directly in the aluminum. Other screws must be inserted into the oblong holes (b).



### 5. PANEL END - LAST PLANK

The last plank installed will likely need to be ripped before installation. Install a small 1/2" thick spacer between Trim base and plank to avoid movement on the last row.

Structural adhesive can be used between spacer and aluminum plank to secure installation and limit movement.





Vertical installation steps (cont'd)

## 6. BASE - ALTERNATIVE INSTALLATION

The base of walls can be installed without an additional J-Trim. Great care must be taken to assure an aesthetic finish, with planks neatly cut and installed at the same height. A minimum 1" stand-off from the ground must be maintained at all times.

Install a ventilated antirodent trim underneath the cladding to prevent any intrusion.



# DAMAGED PLANK REPLACEMENT

## 1. CUTTING DAMAGED PLANK

Cut damaged plank with a circular saw equipped with metal cutting blade. Cut approximately 1" from the joint.

Use precaution as to avoid damaging superior plank when cutting.



## 2. REMOVING DAMAGED PLANK

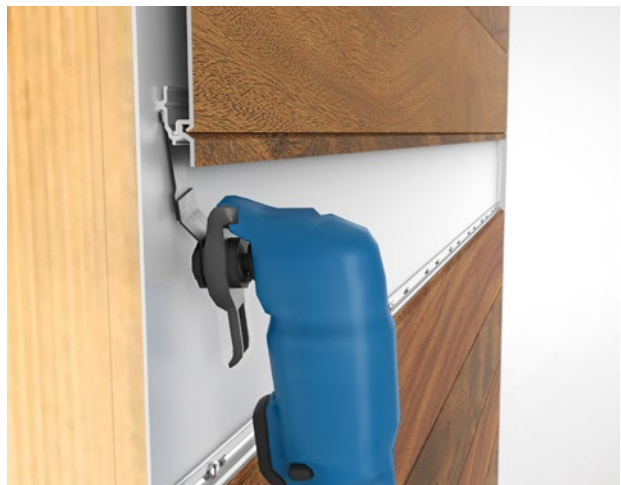
Remove the lower part of the damaged plank by pulling outwards and upwards.



## 3. CUTTING SCREWS

The top part of the damaged plank is still fastened to the wall with screws. Using a cutting tool, cut the screws between the plank and the wall.

If the weather barrier is damaged by the cutting blade, make sure to properly repair it before moving on to the next steps.

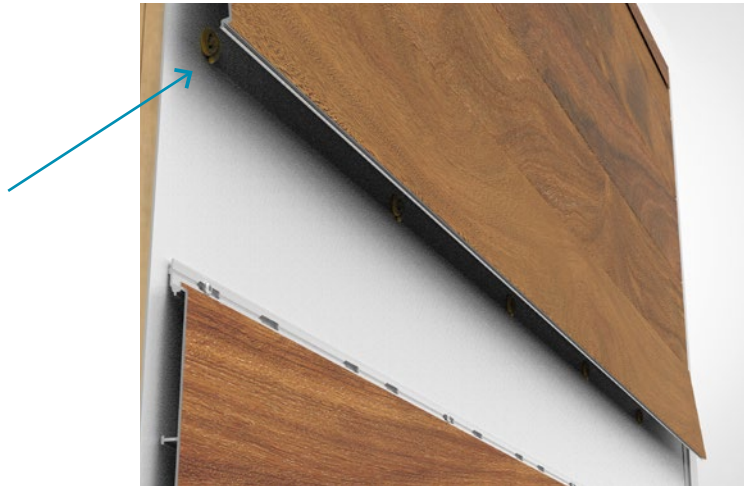




Plank replacement (cont'd)

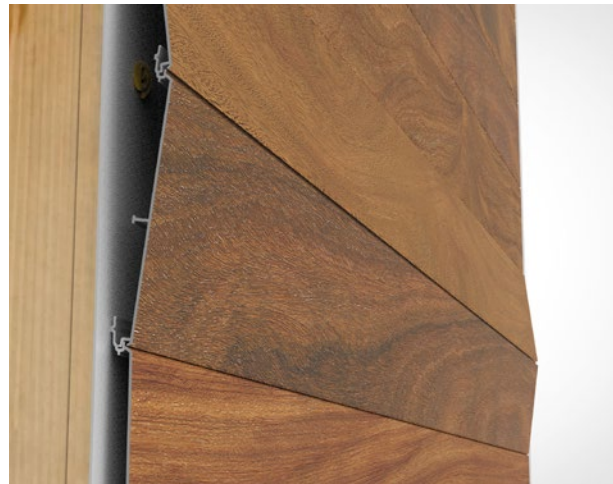
#### 4. FASTENING NEW PLANK

The new replacement plank will be fastened to the wall with structural adhesive. Pull the top plank outward and apply adhesive at approximately 12-16 inches on center.



#### 5. INSERTING NEW PLANK

Insert the replacement plank into the top plank first. Then, by pulling both planks outwards, insert the lower-part of the replacement plank into the bottom plank.



#### 6. FINISHING INSTALLATION

Finish the replacement by pushing both planks up against the wall. The new plank will be embedded into structural adhesive for a permanent installation.



## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Typical details

# MAE-06 - HORIZONTAL INSTALLATION

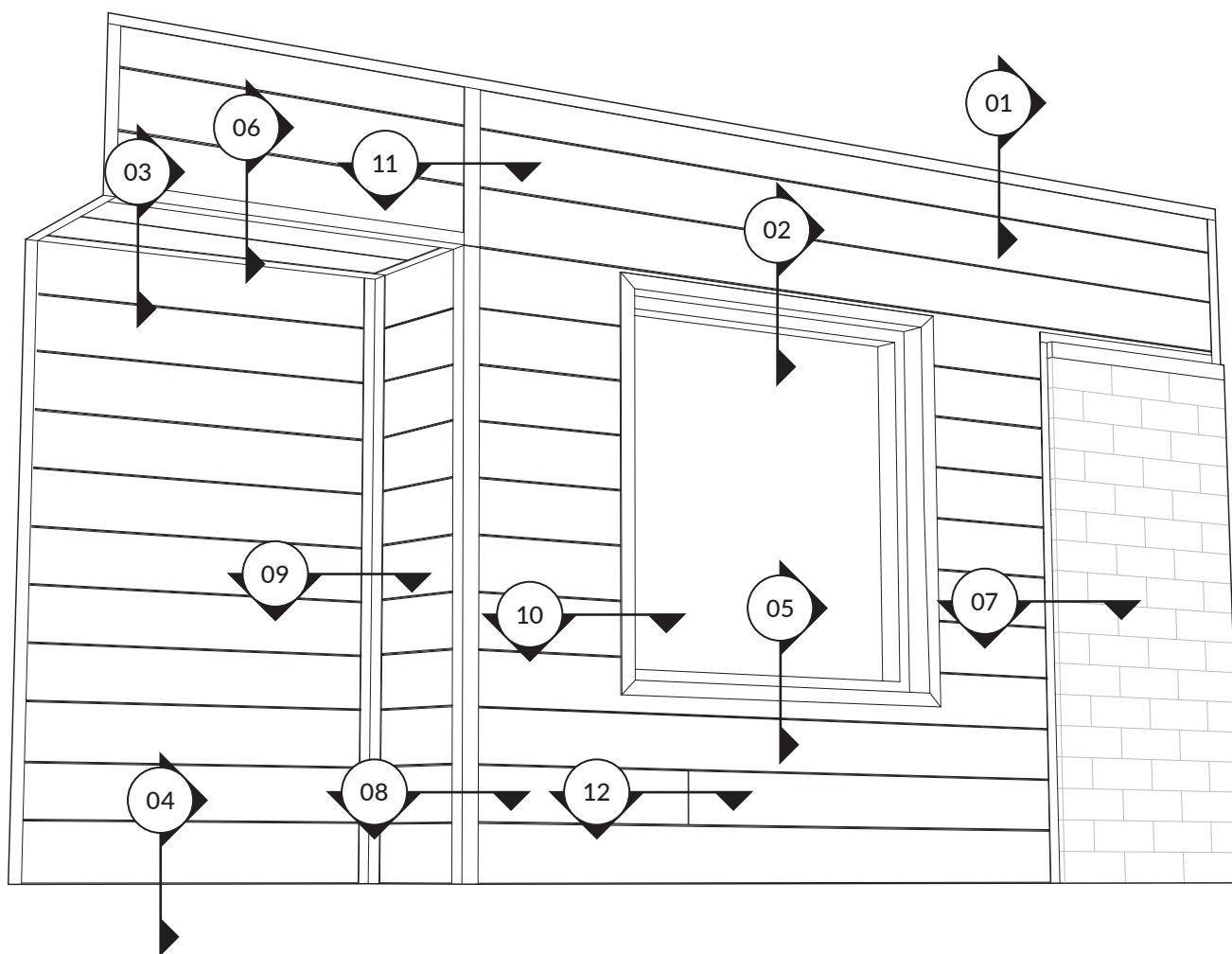
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## EXTRUDED ALUMINUM BOARDS FOR DRAINED AND VENTILATED TYPE RAIN SCREEN SYSTEM

### Installation

The installer is responsible for sizing perimeter supports and their fasteners.

The MAE-06 is a durable, lightweight and easily handled extruded aluminum board with concealed fasteners.



### GENERAL VUE

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# MAE-06 - HORIZONTAL INSTALLATION

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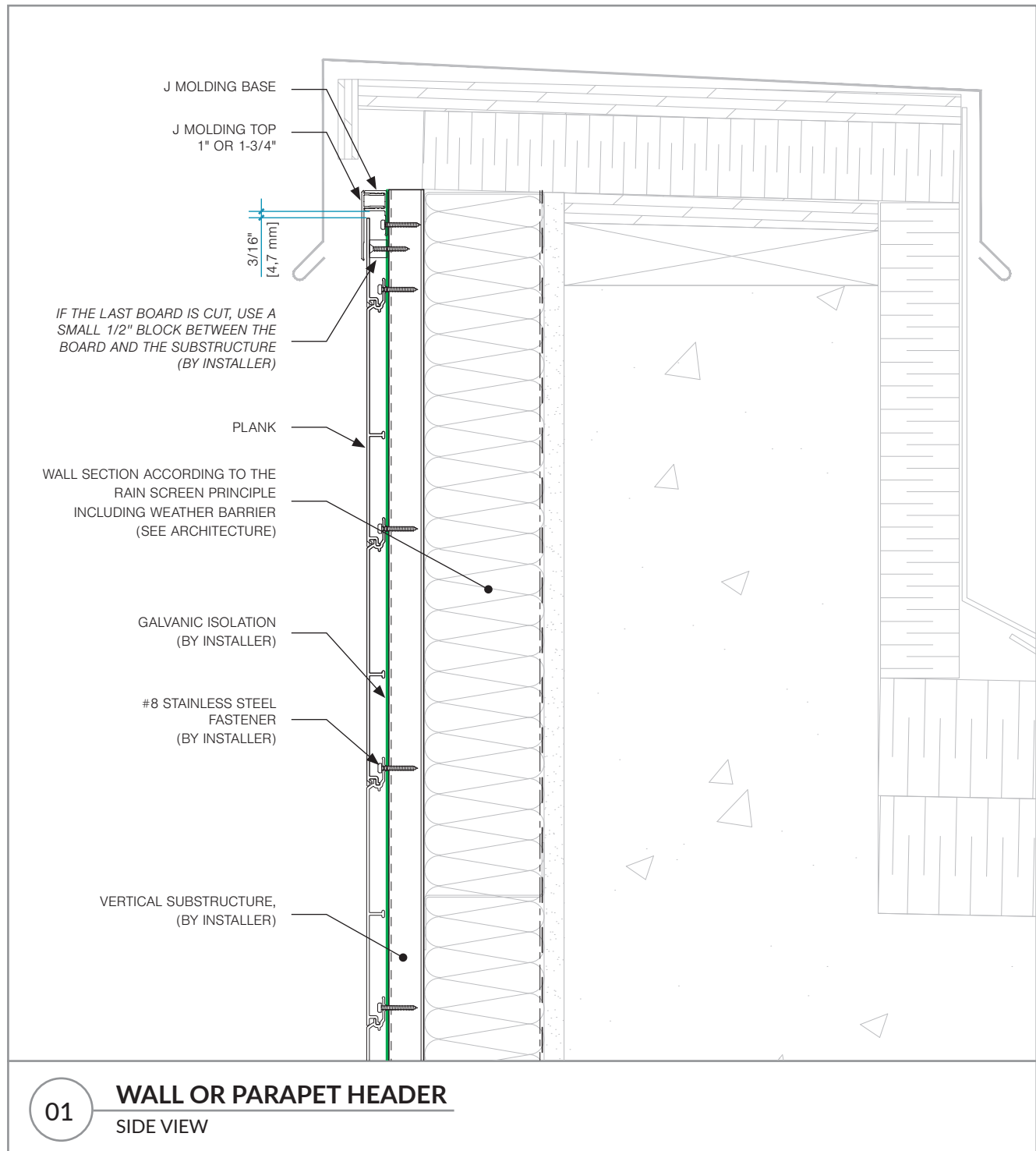
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# MAE-06 - HORIZONTAL INSTALLATION

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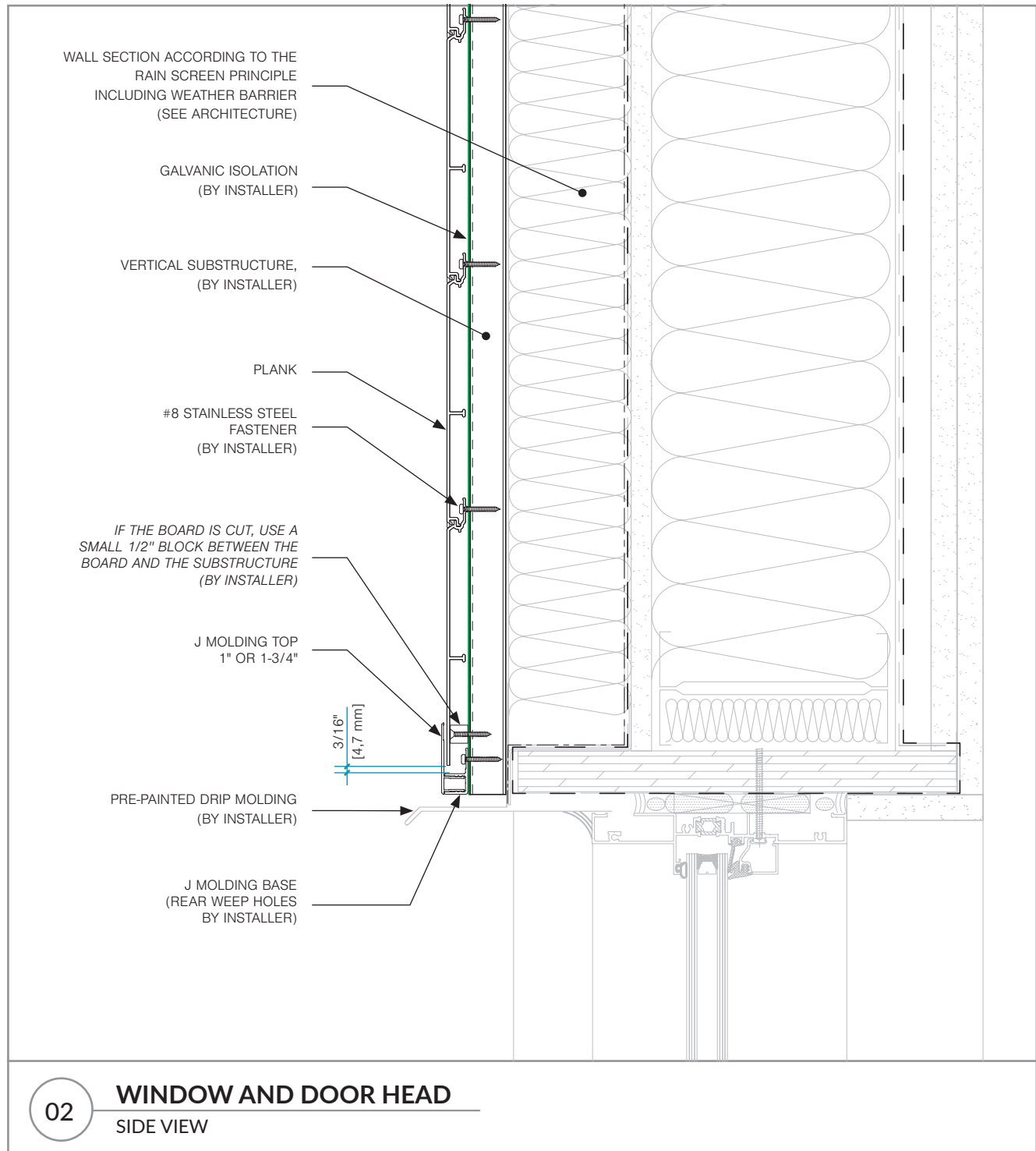


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# MAE-06 - HORIZONTAL INSTALLATION

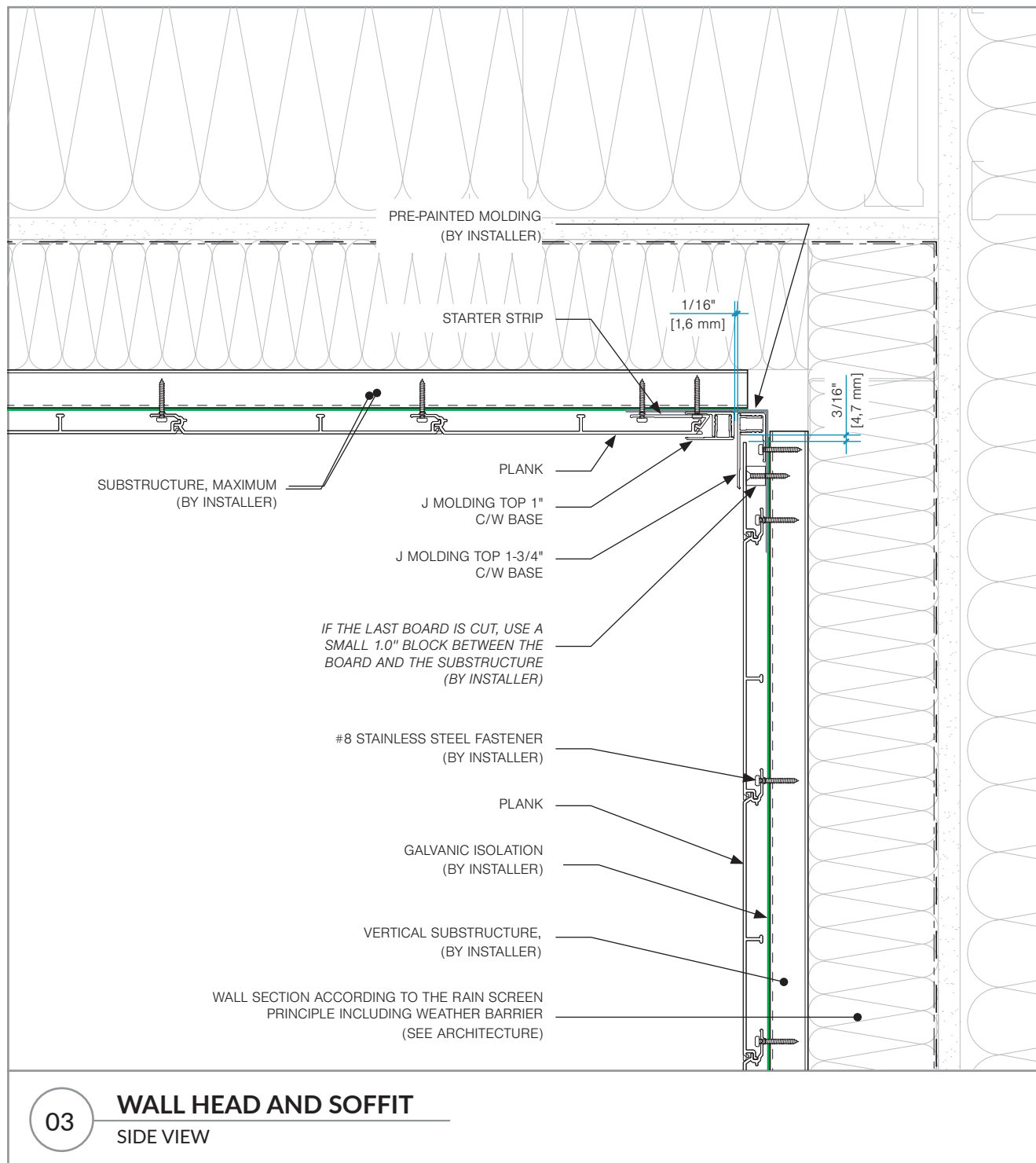
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# MAE-06 - HORIZONTAL INSTALLATION

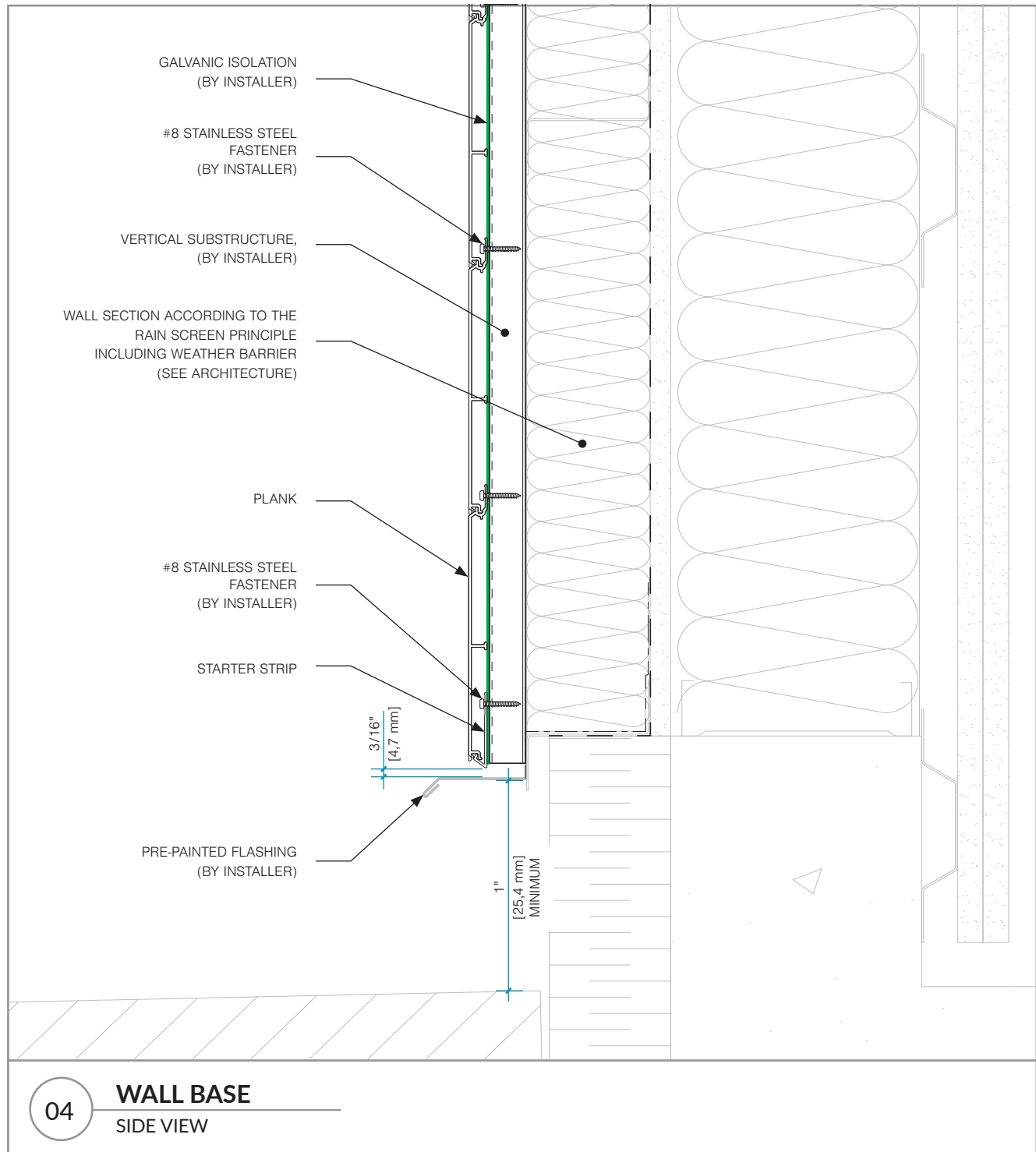
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# MAE-06 - HORIZONTAL INSTALLATION

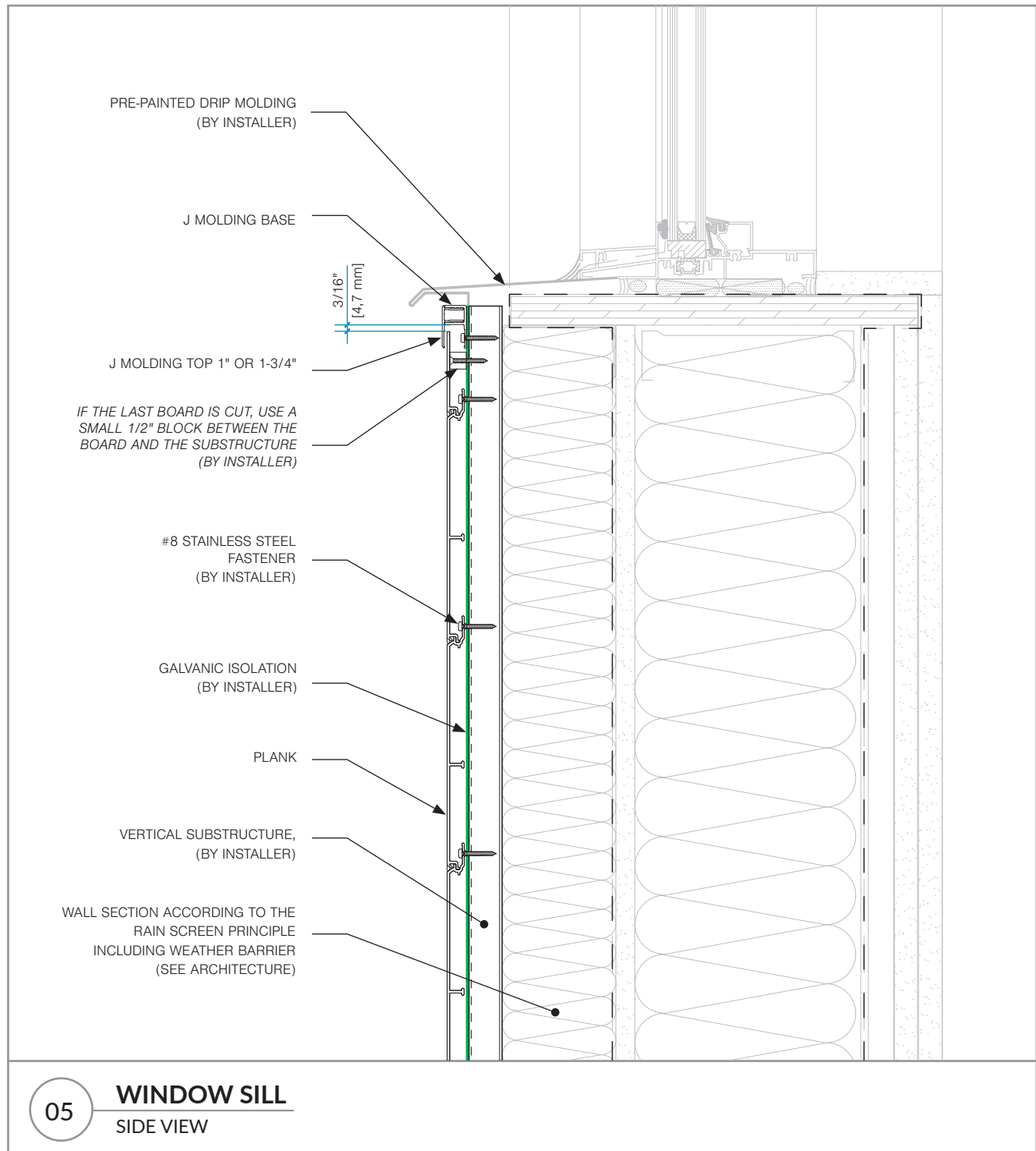
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# MAE-06 - HORIZONTAL INSTALLATION

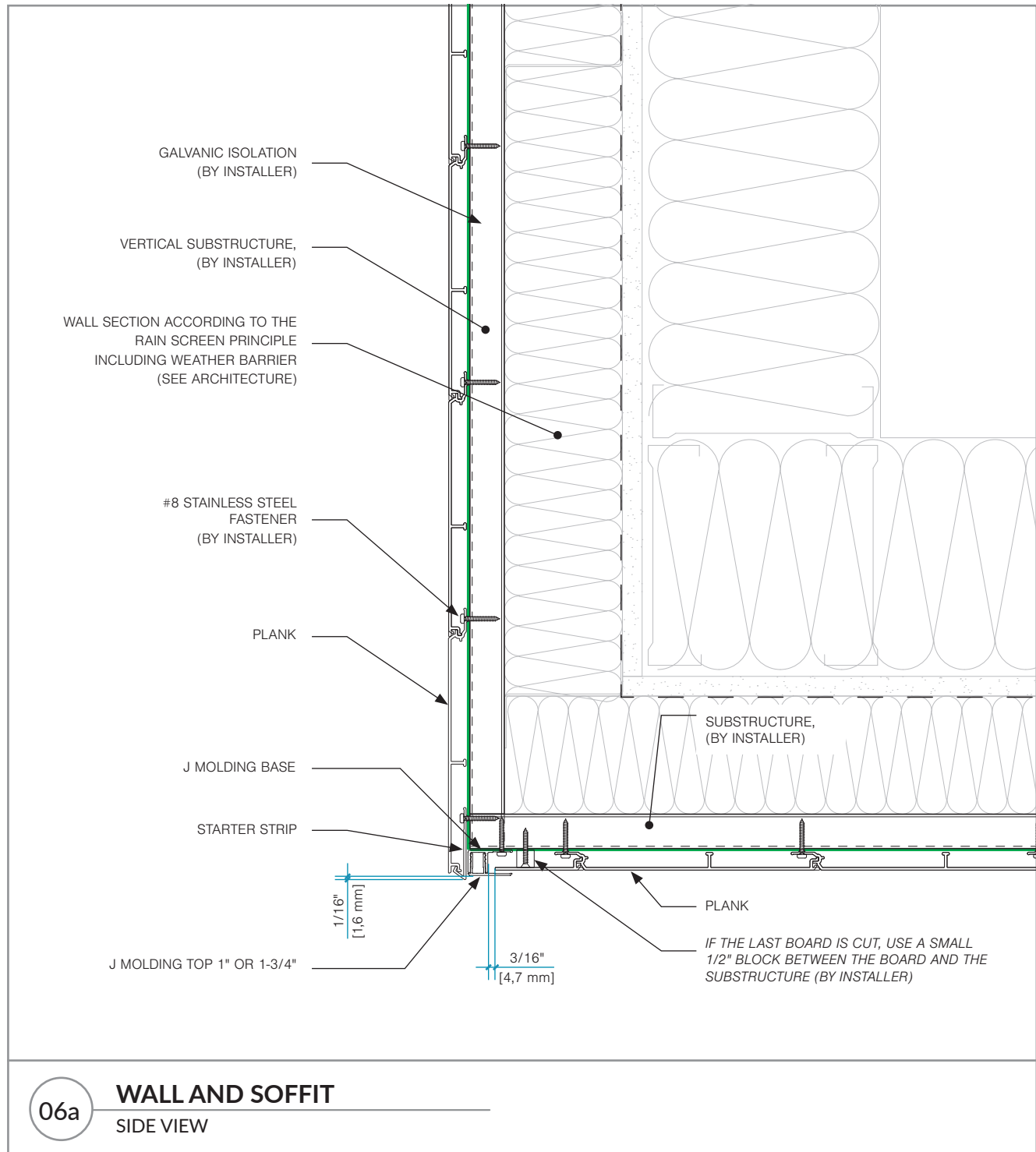
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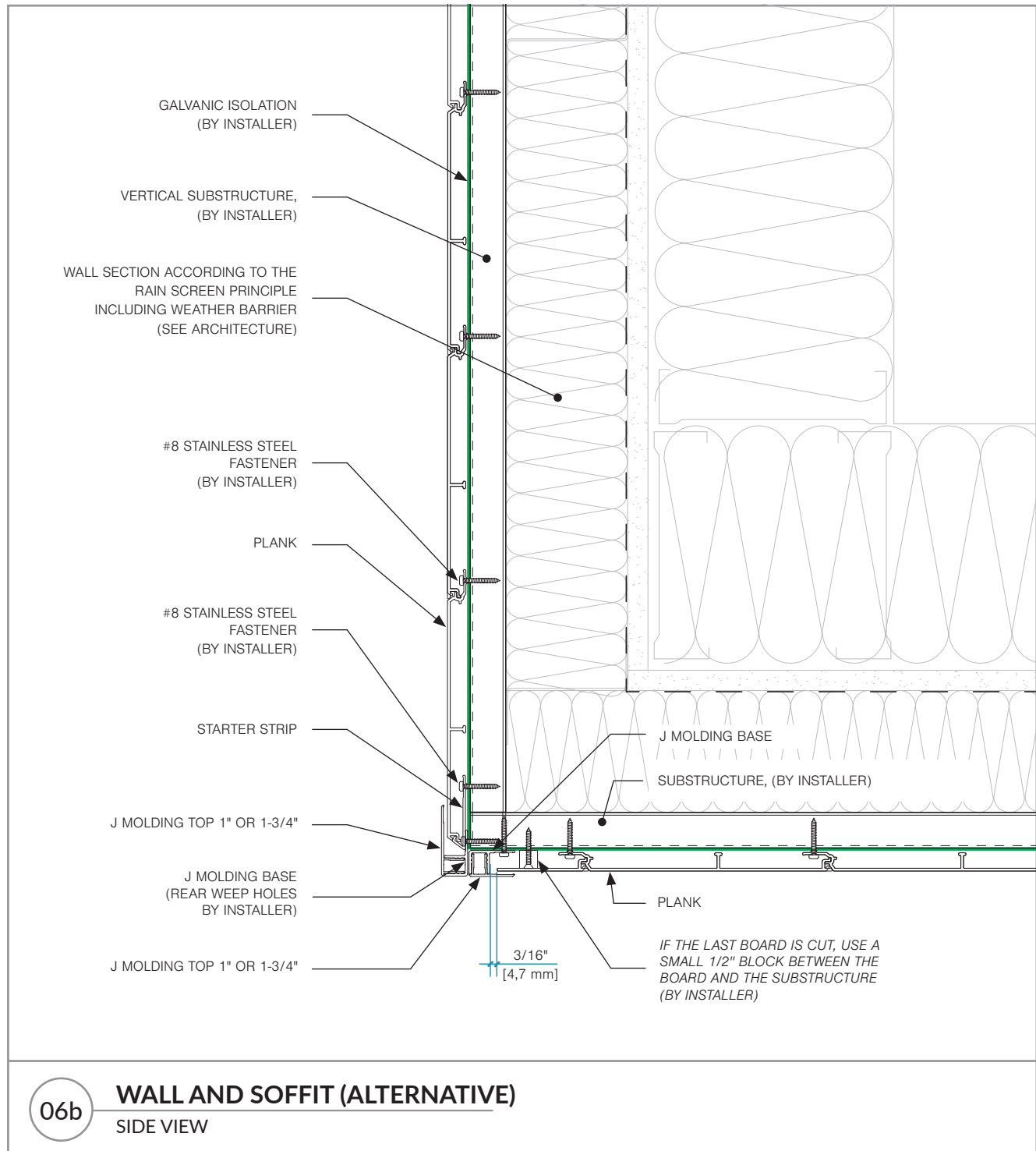
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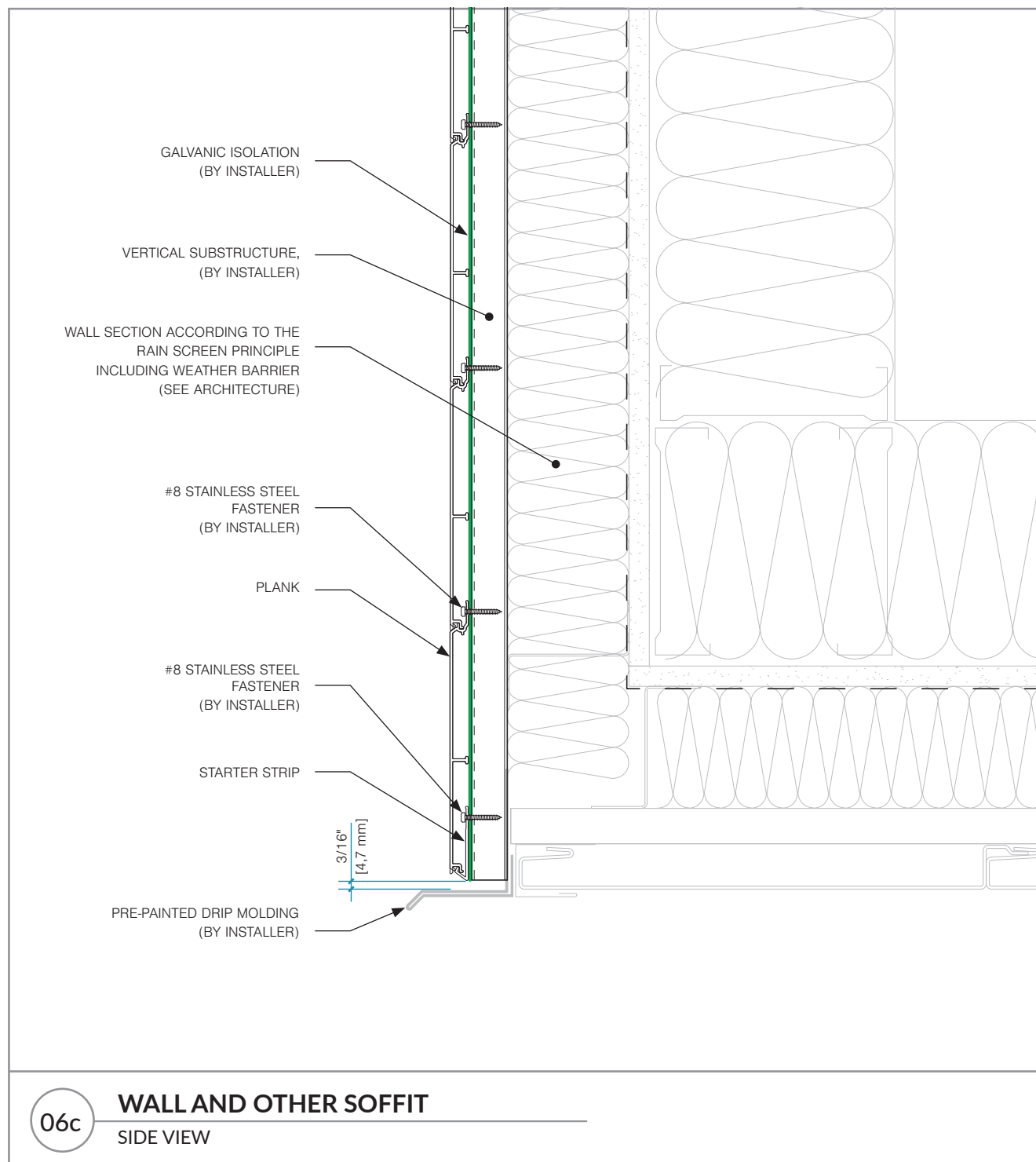


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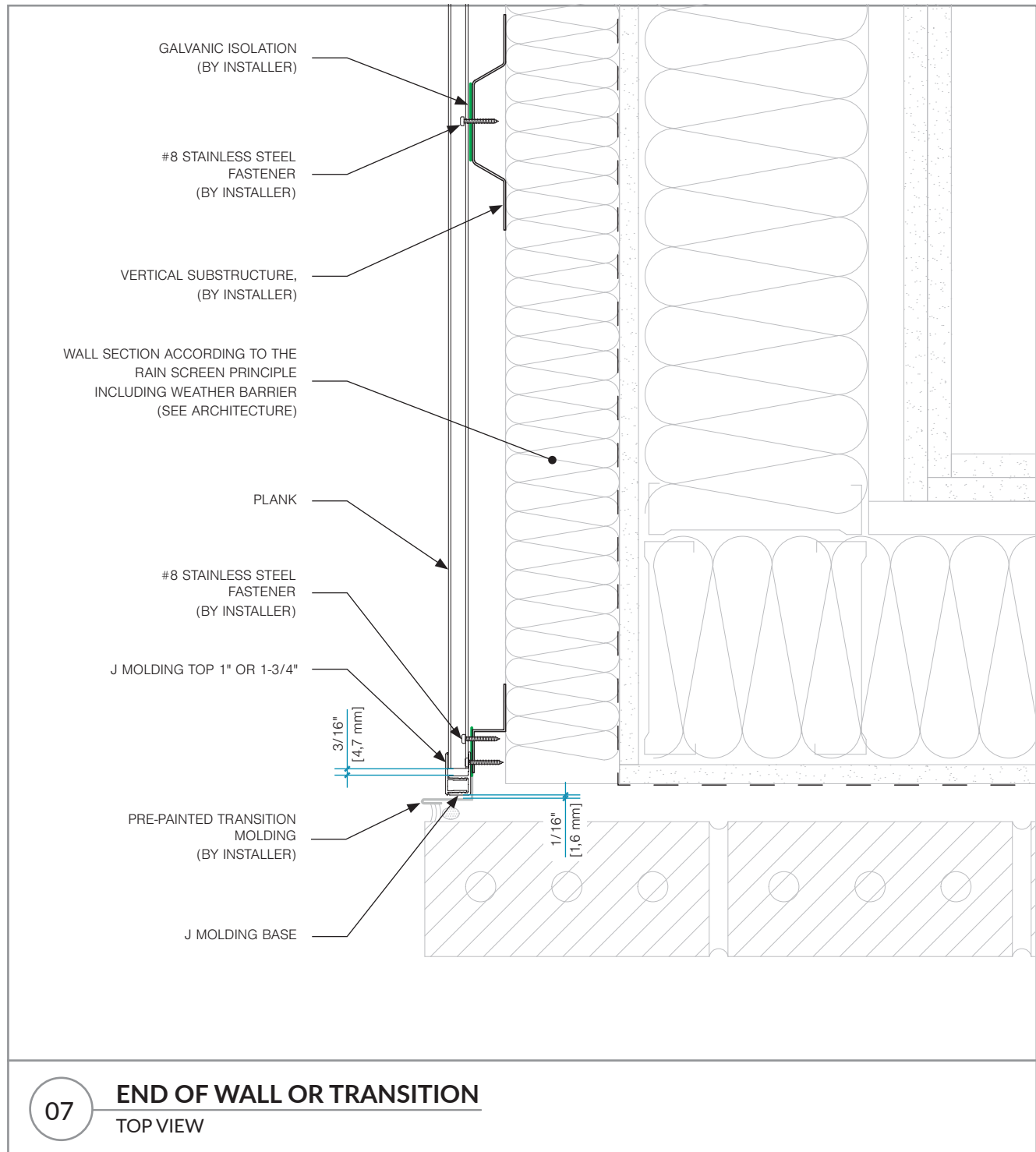
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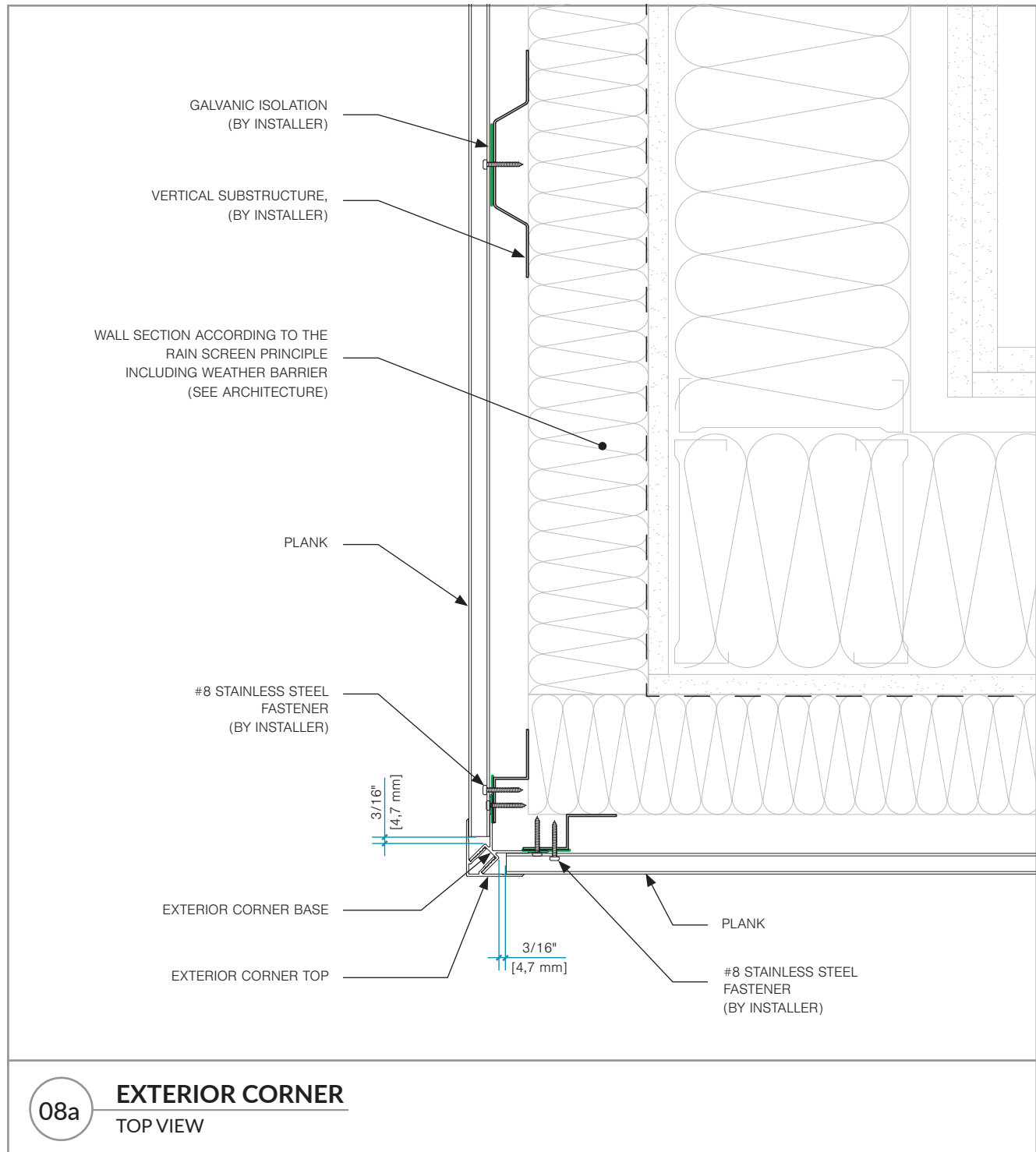
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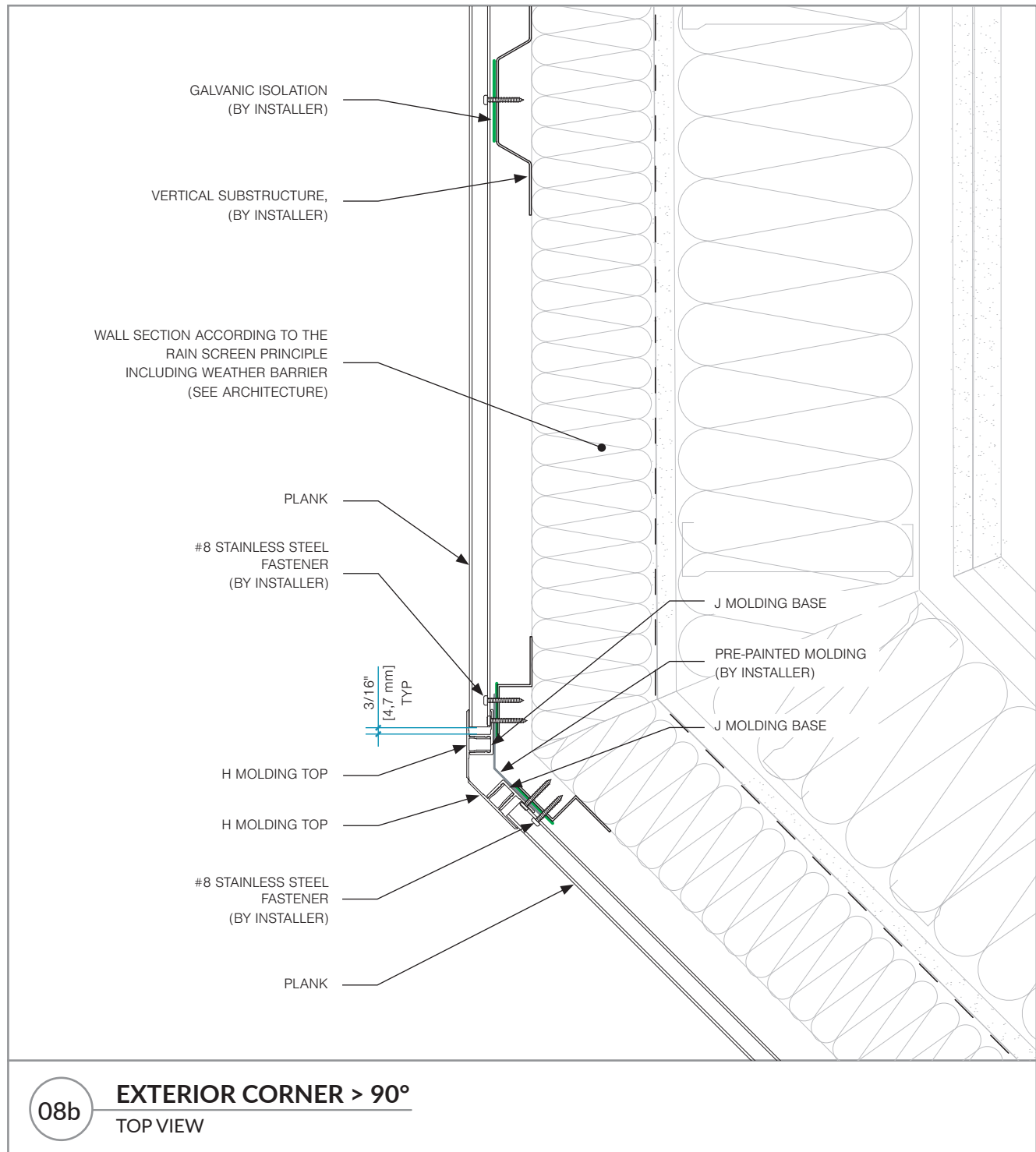
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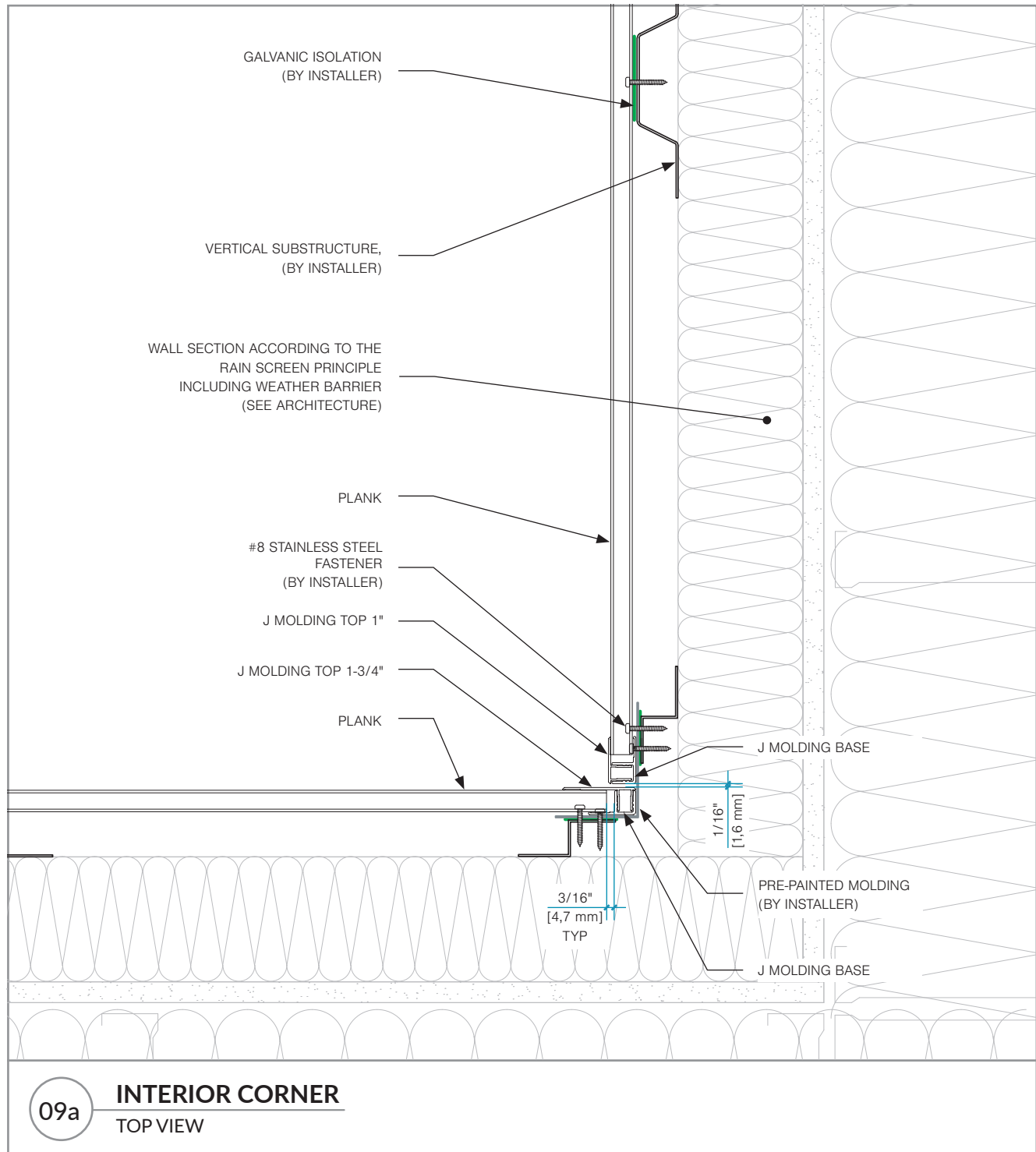
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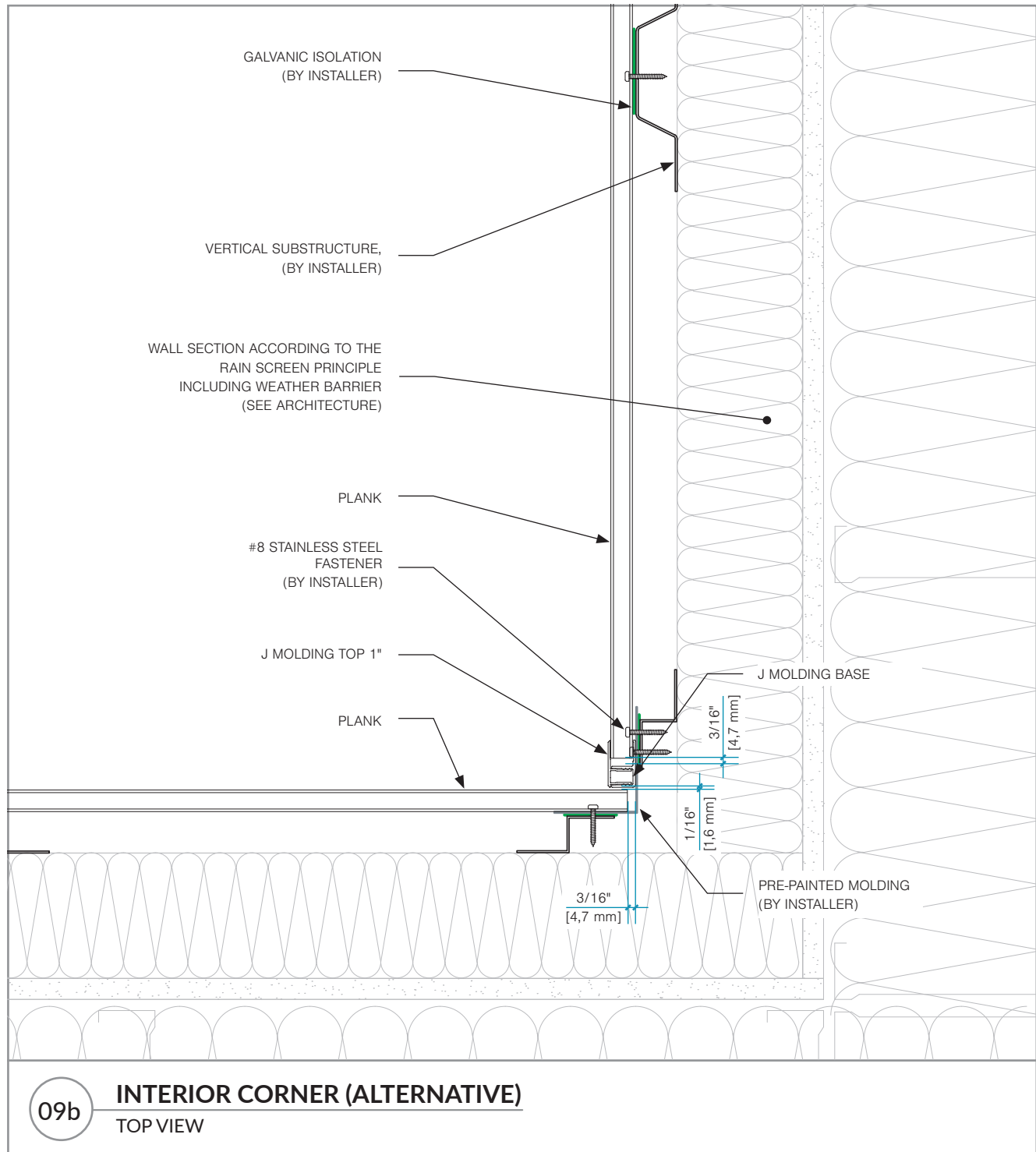


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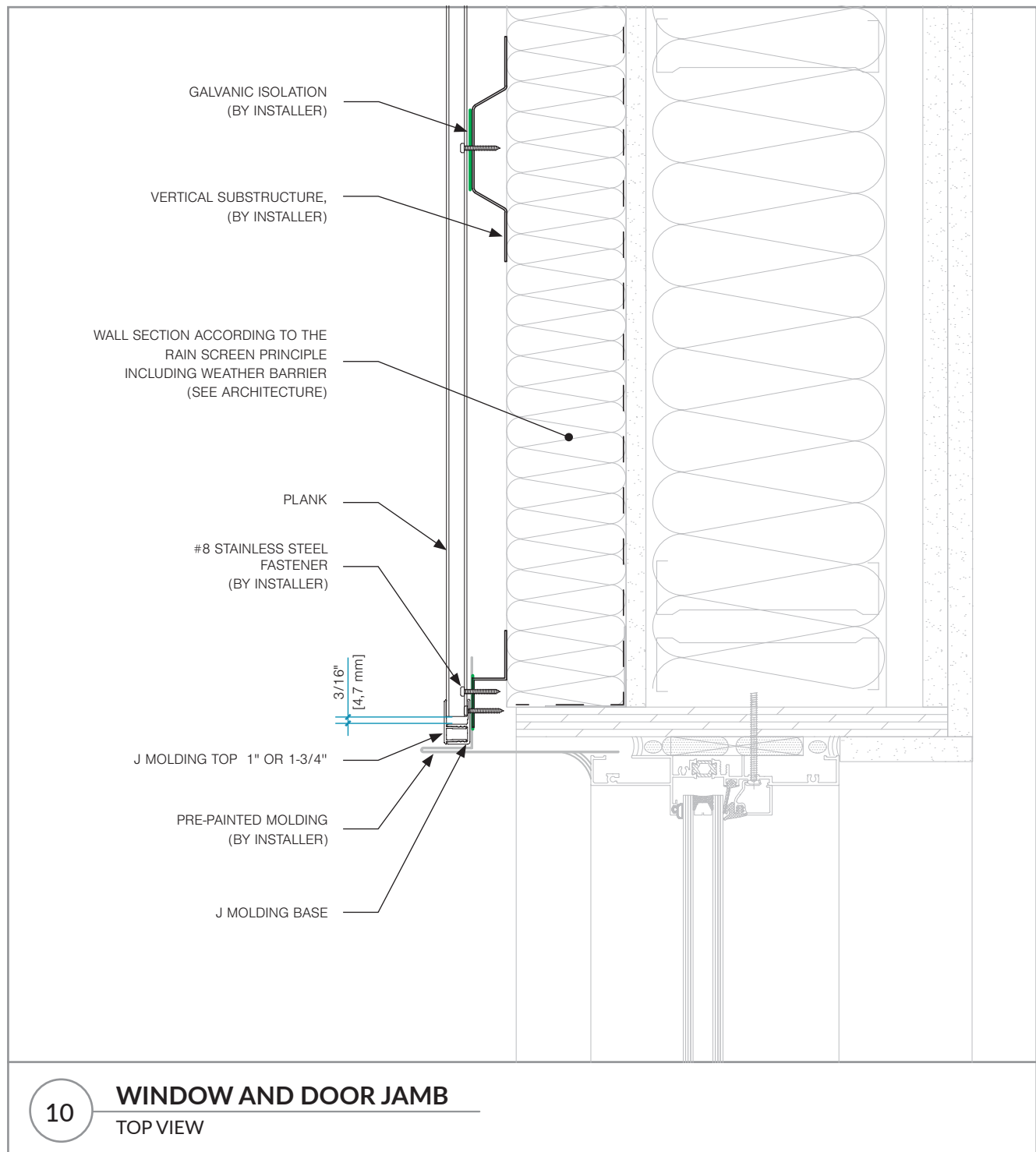
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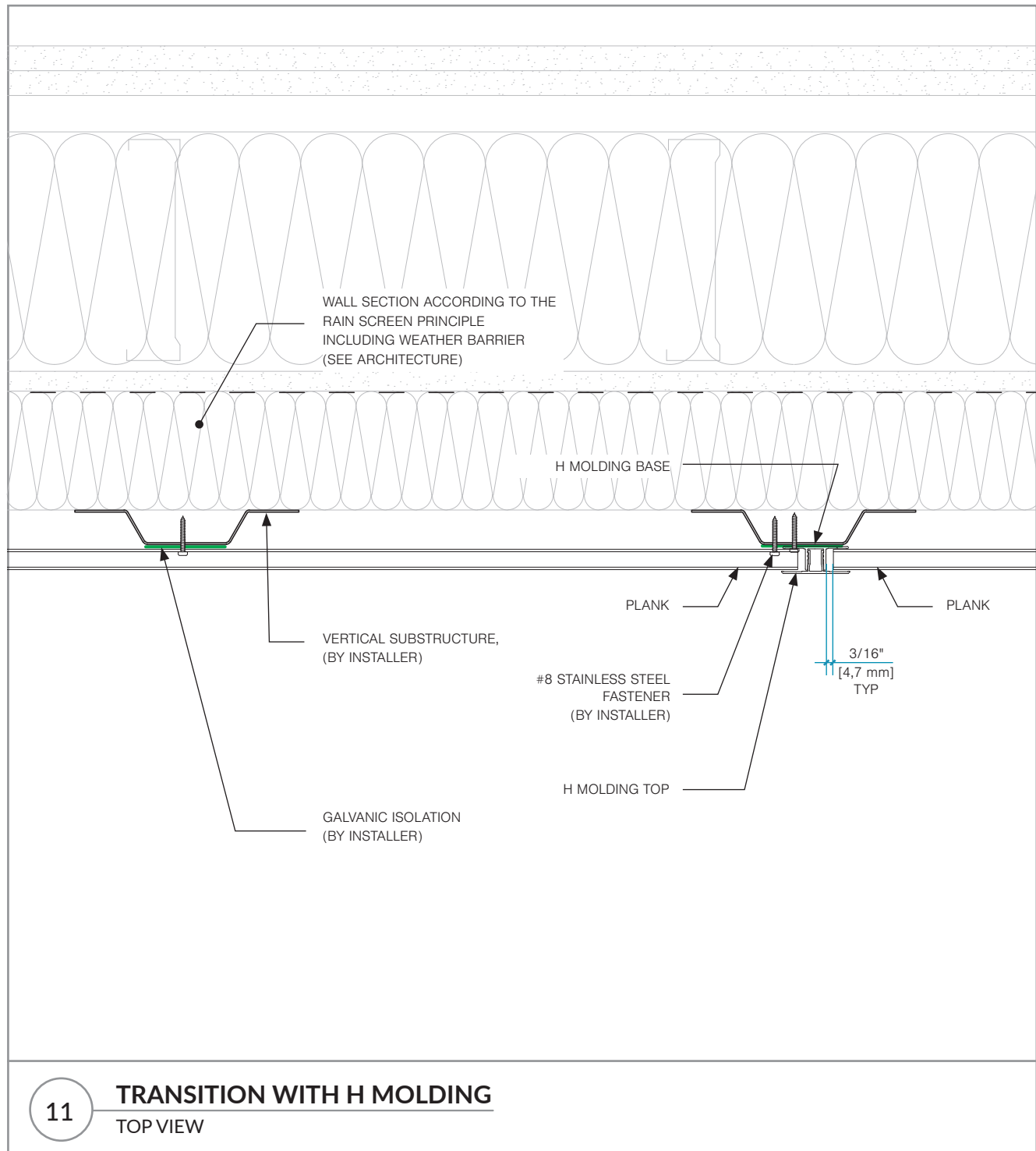
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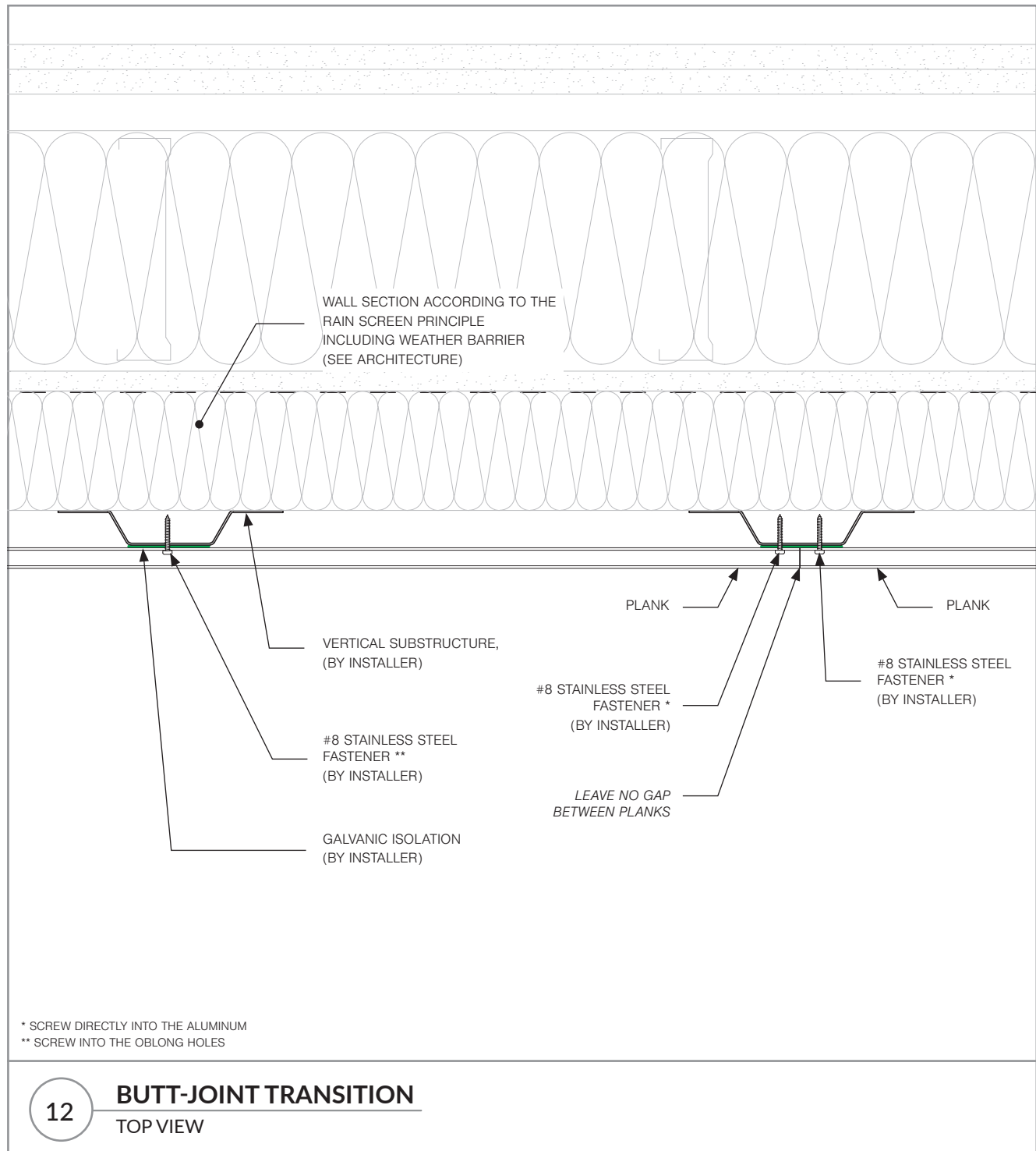
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# MAE-06 - VERTICAL INSTALLATION

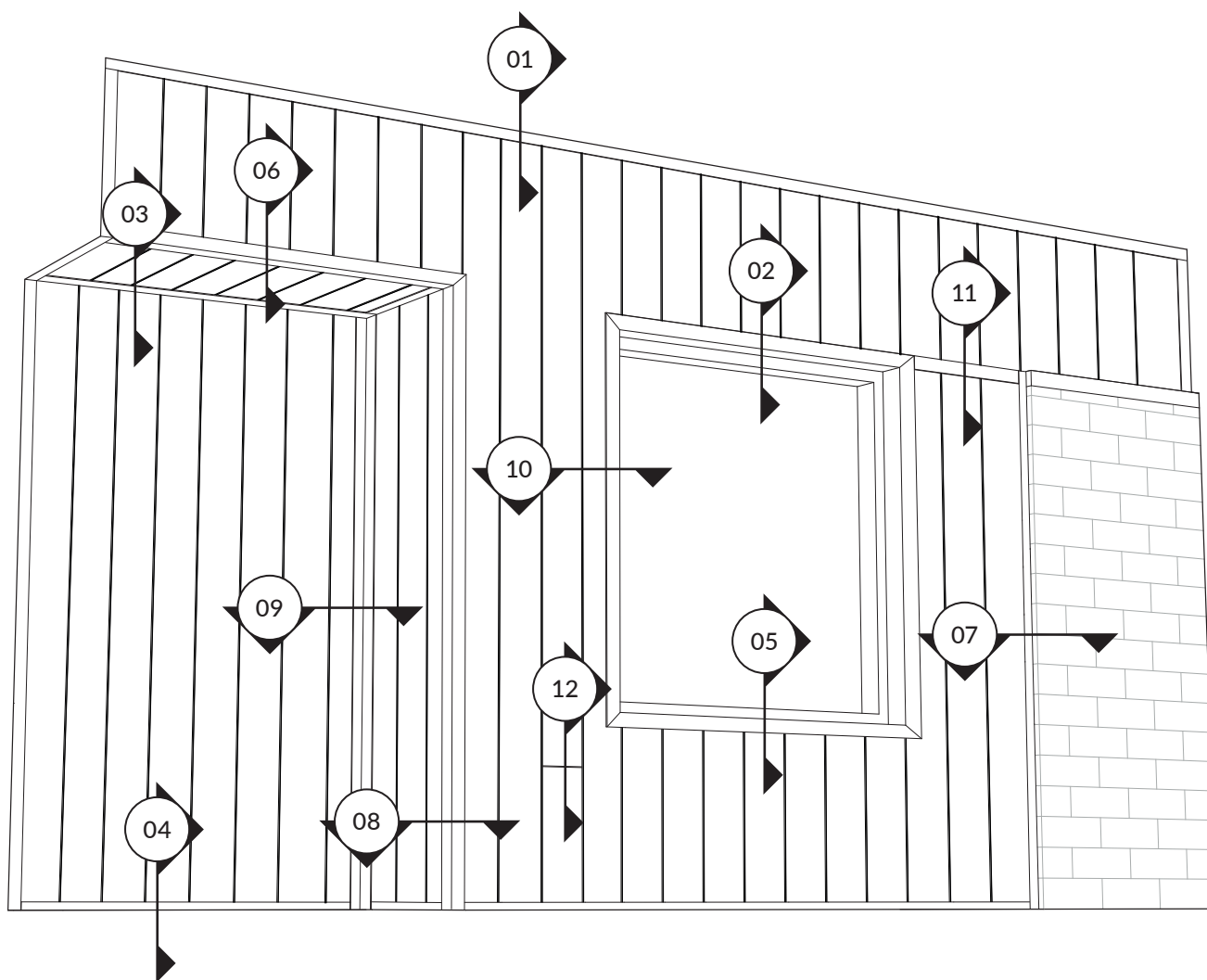
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## EXTRUDED ALUMINUM BOARDS FOR DRAINED AND VENTILATED TYPE RAIN SCREEN SYSTEM

### Installation

The installer is responsible for sizing perimeter supports and their fasteners.

The MAE-06 is a durable, lightweight and easily handled extruded aluminum board with concealed fasteners.



### GENERAL VUE

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# MAE-06 - VERTICAL INSTALLATION

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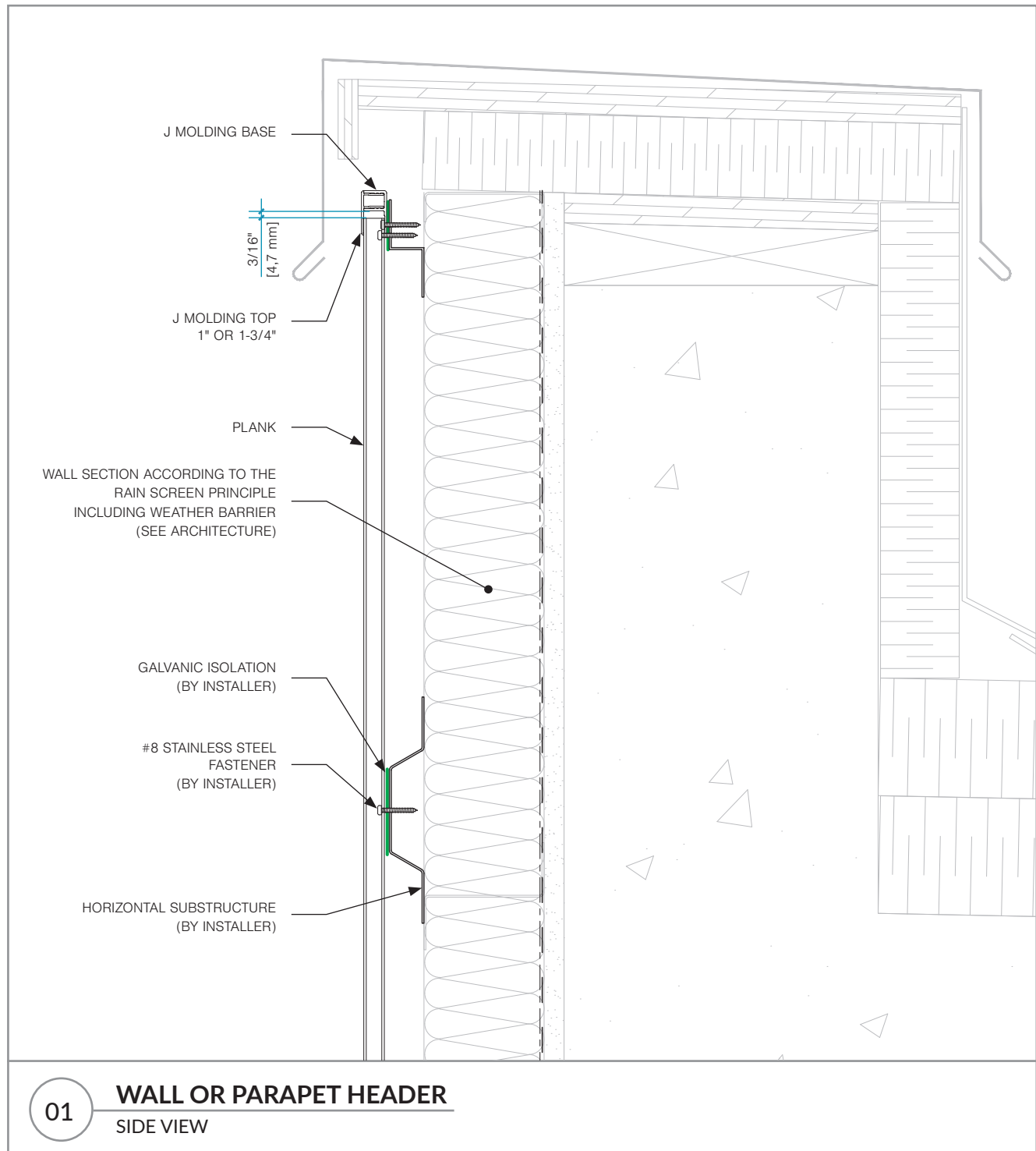
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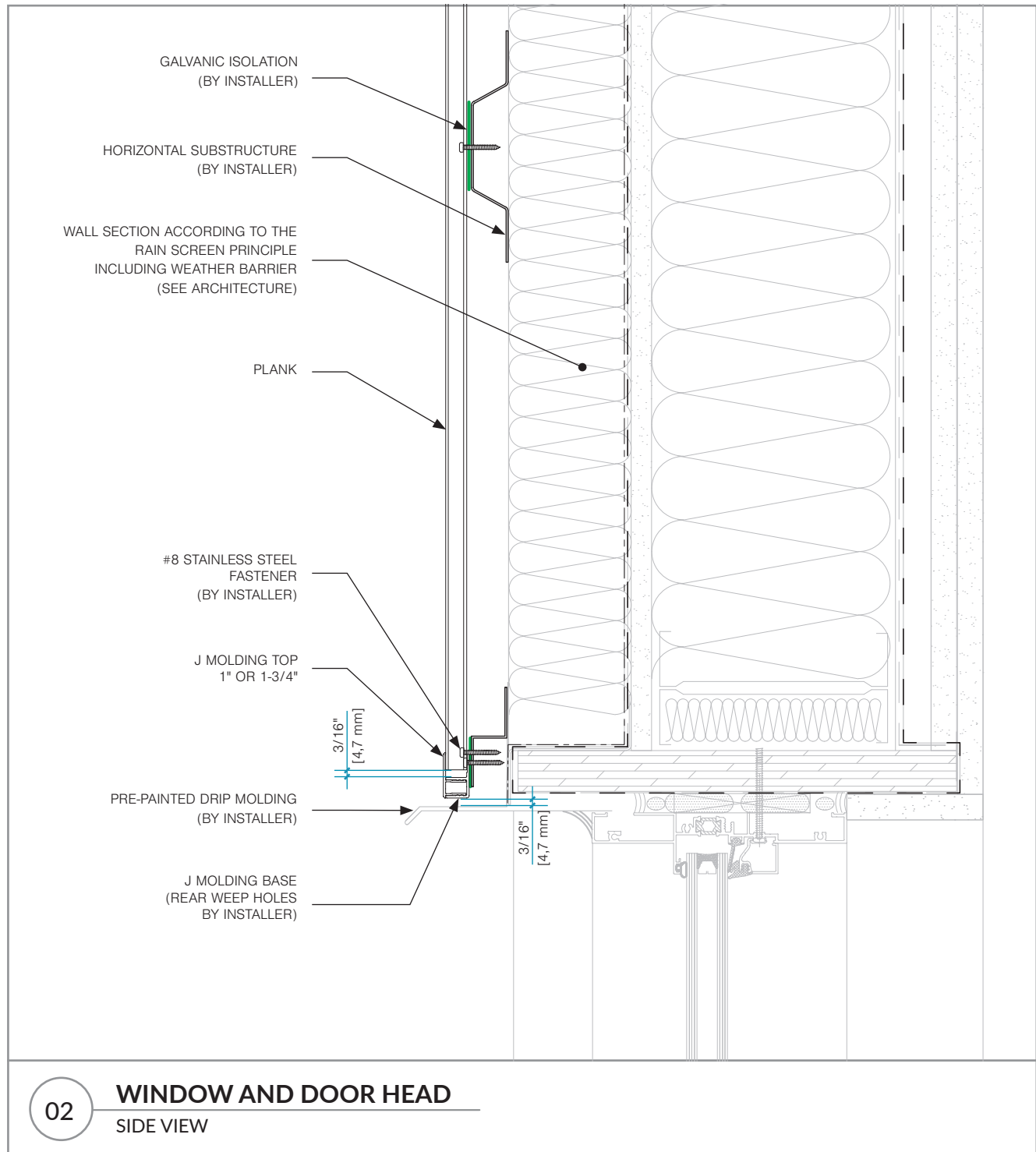
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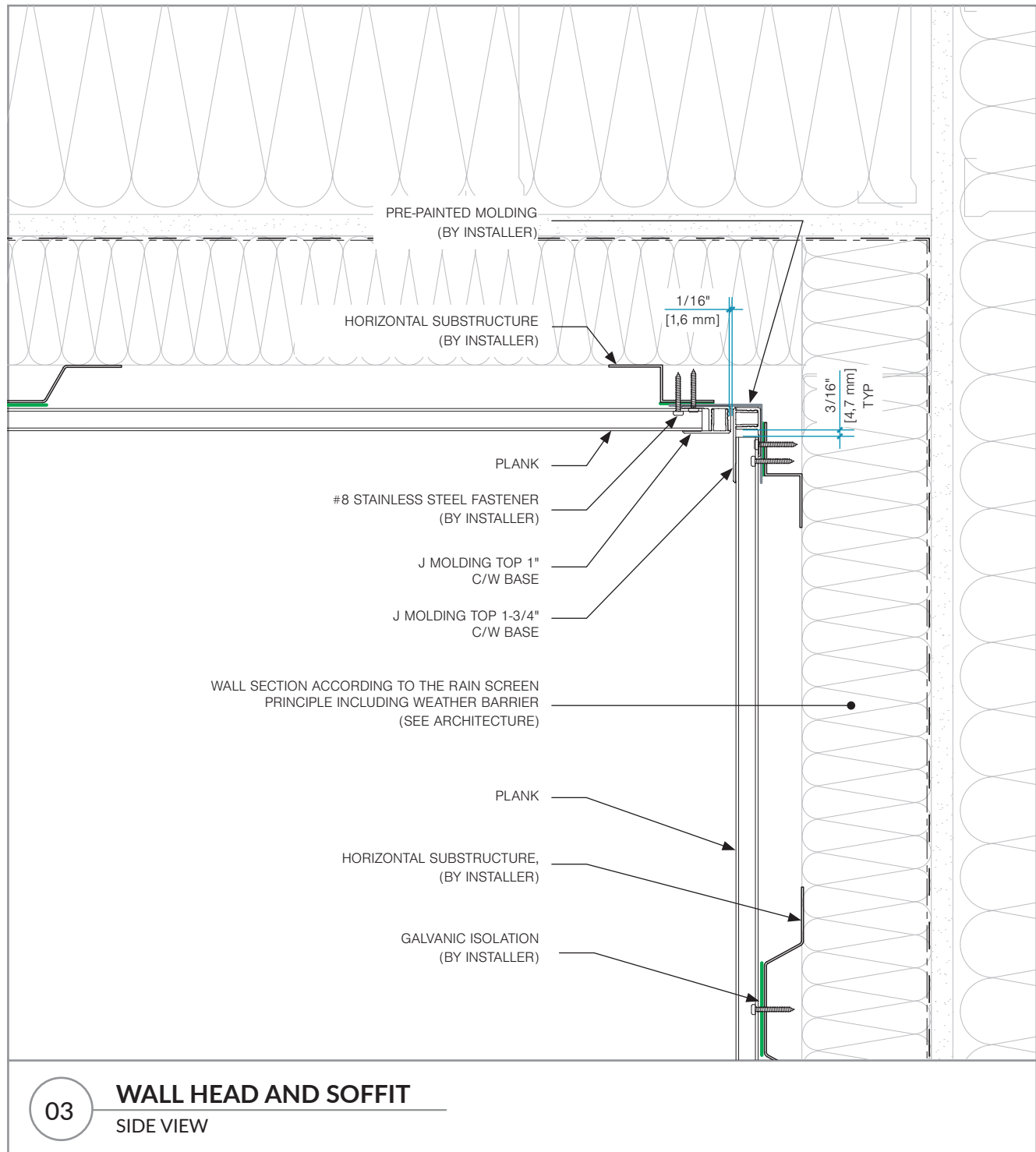
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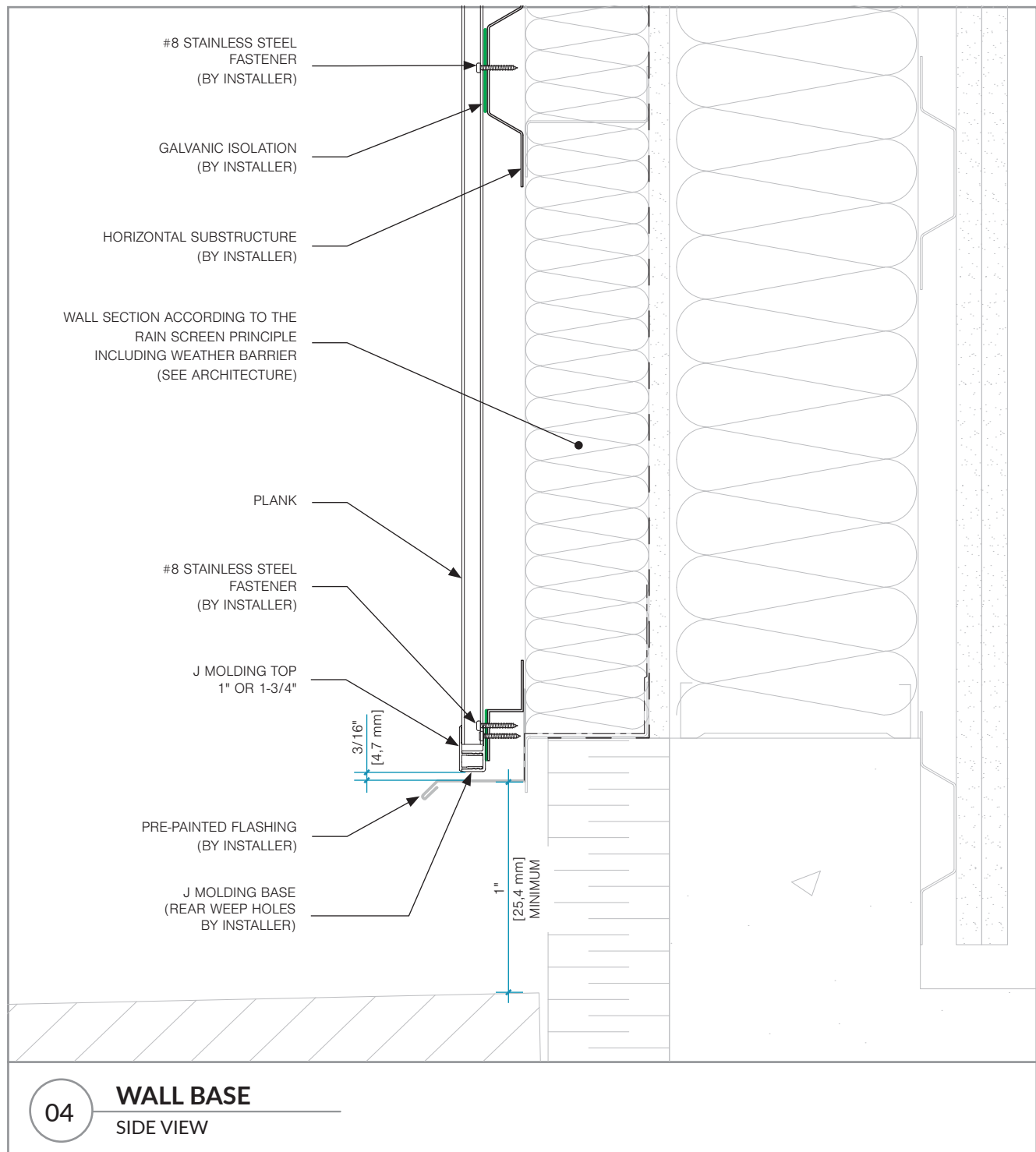
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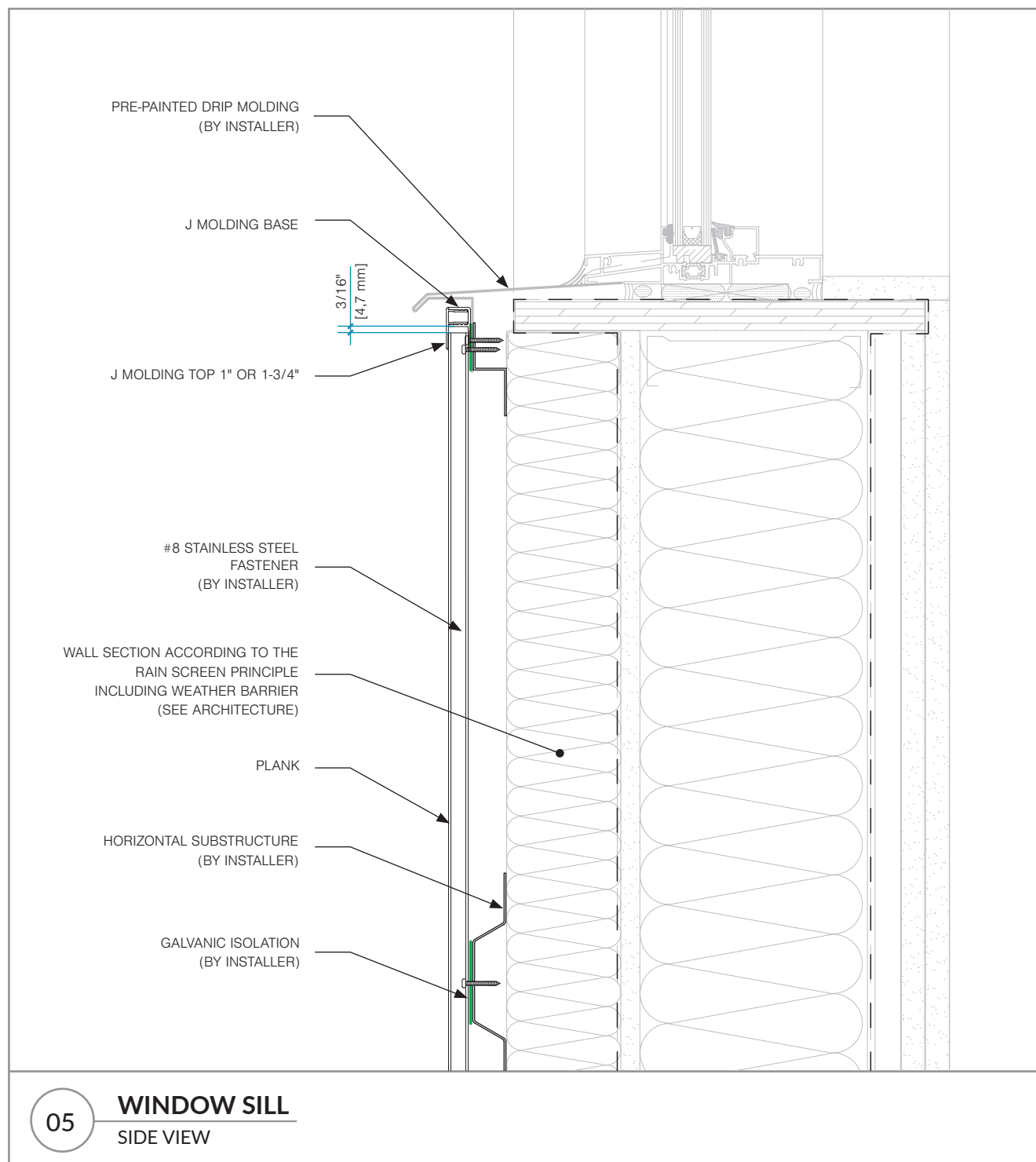


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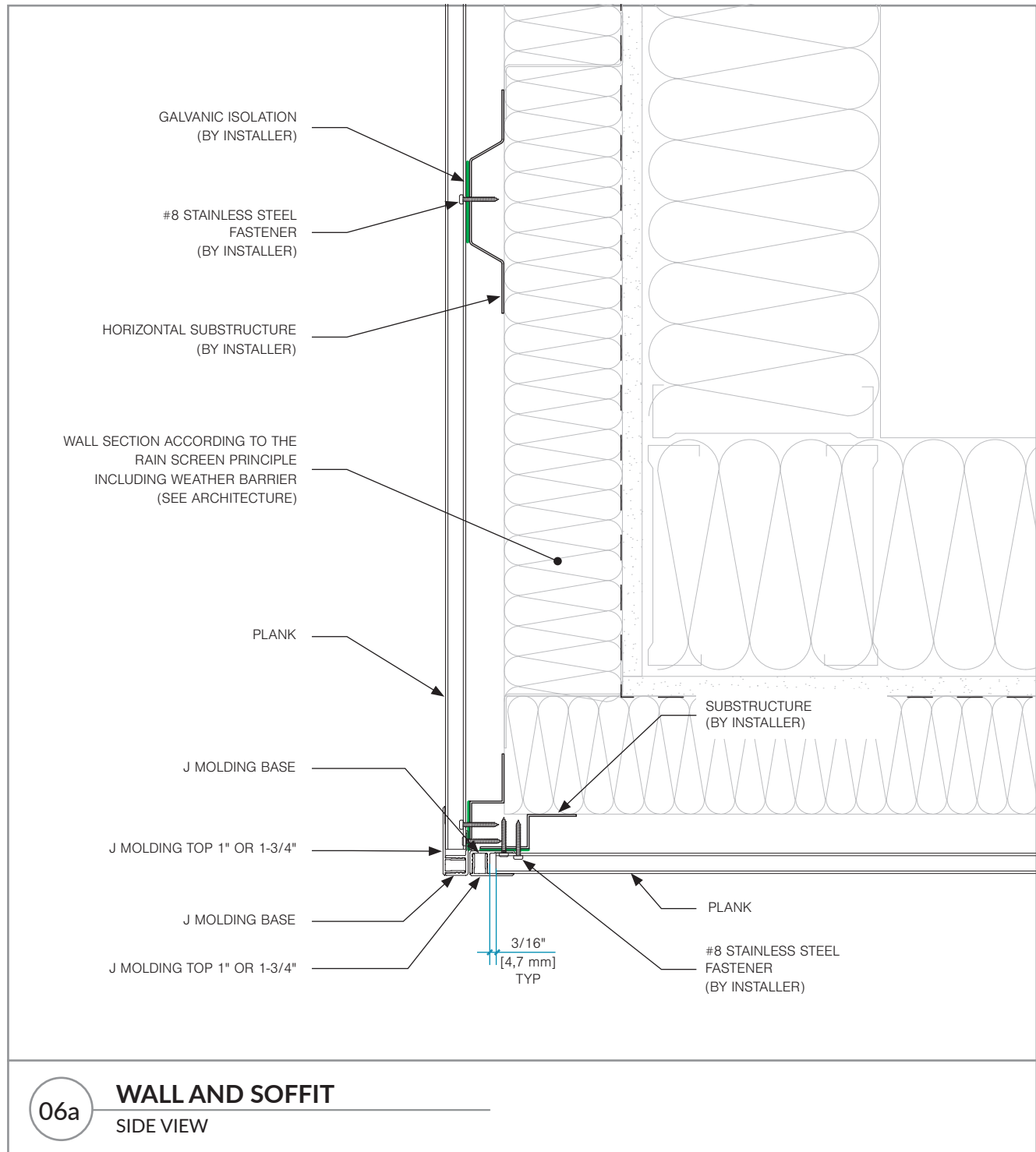
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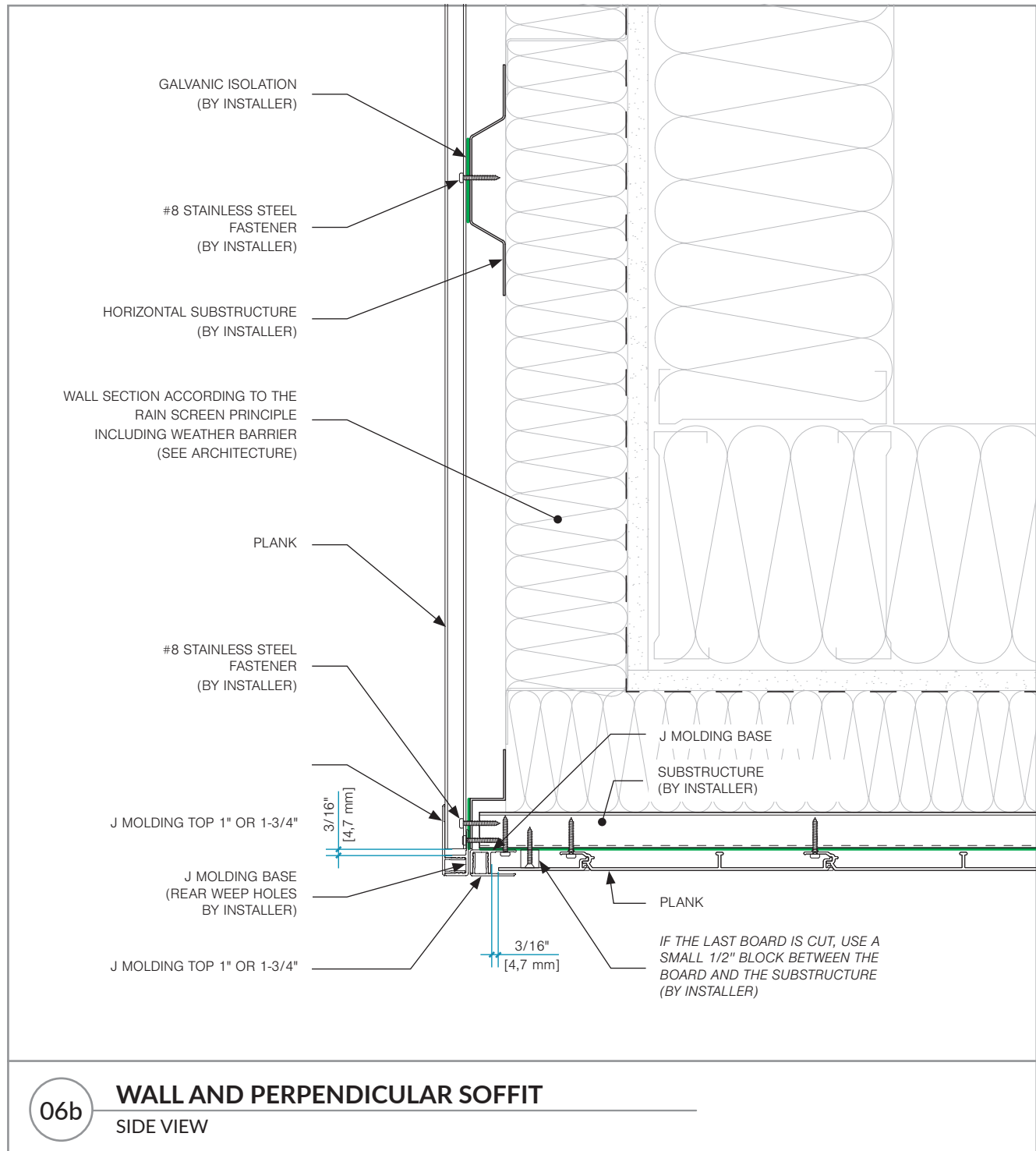
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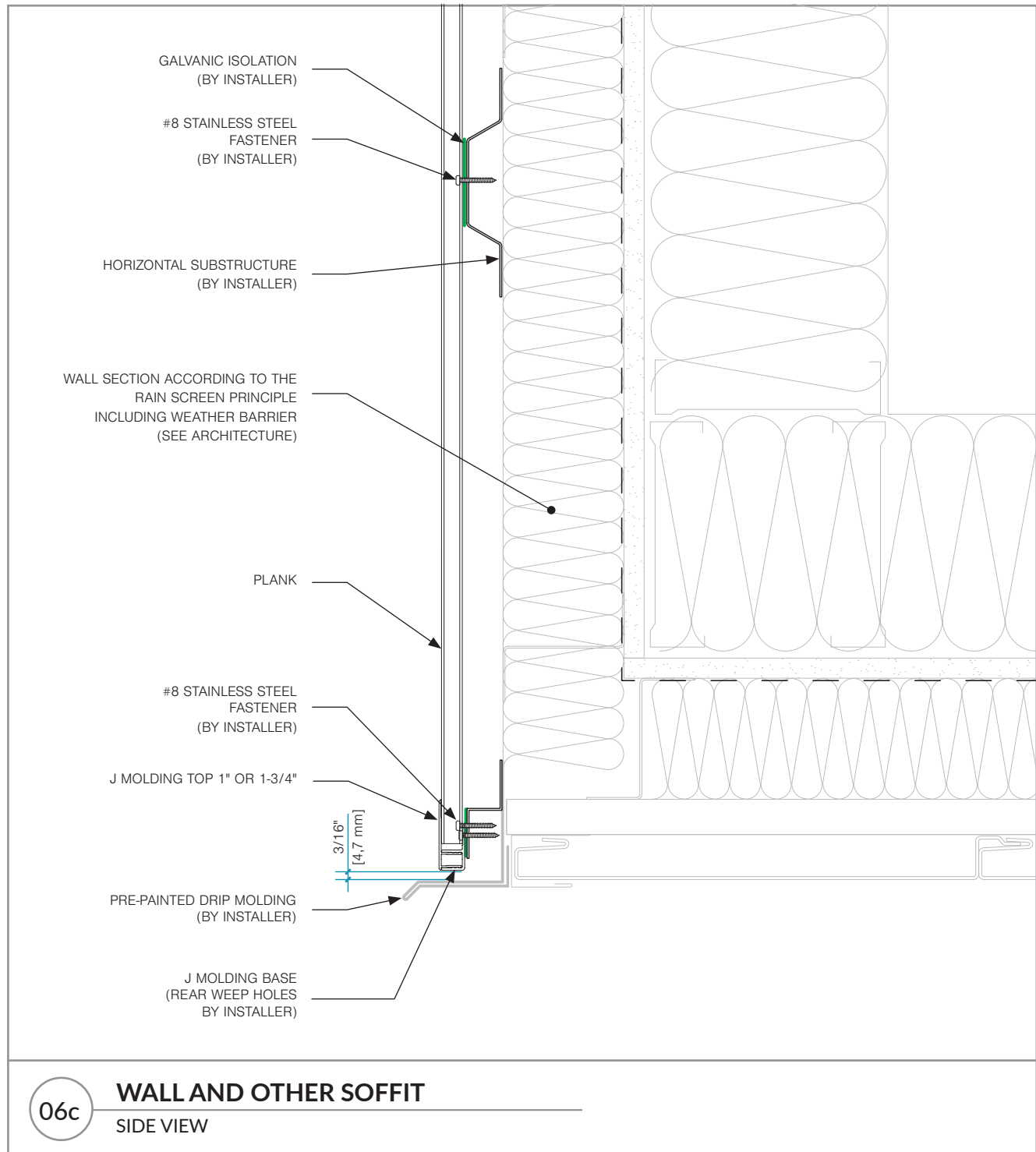
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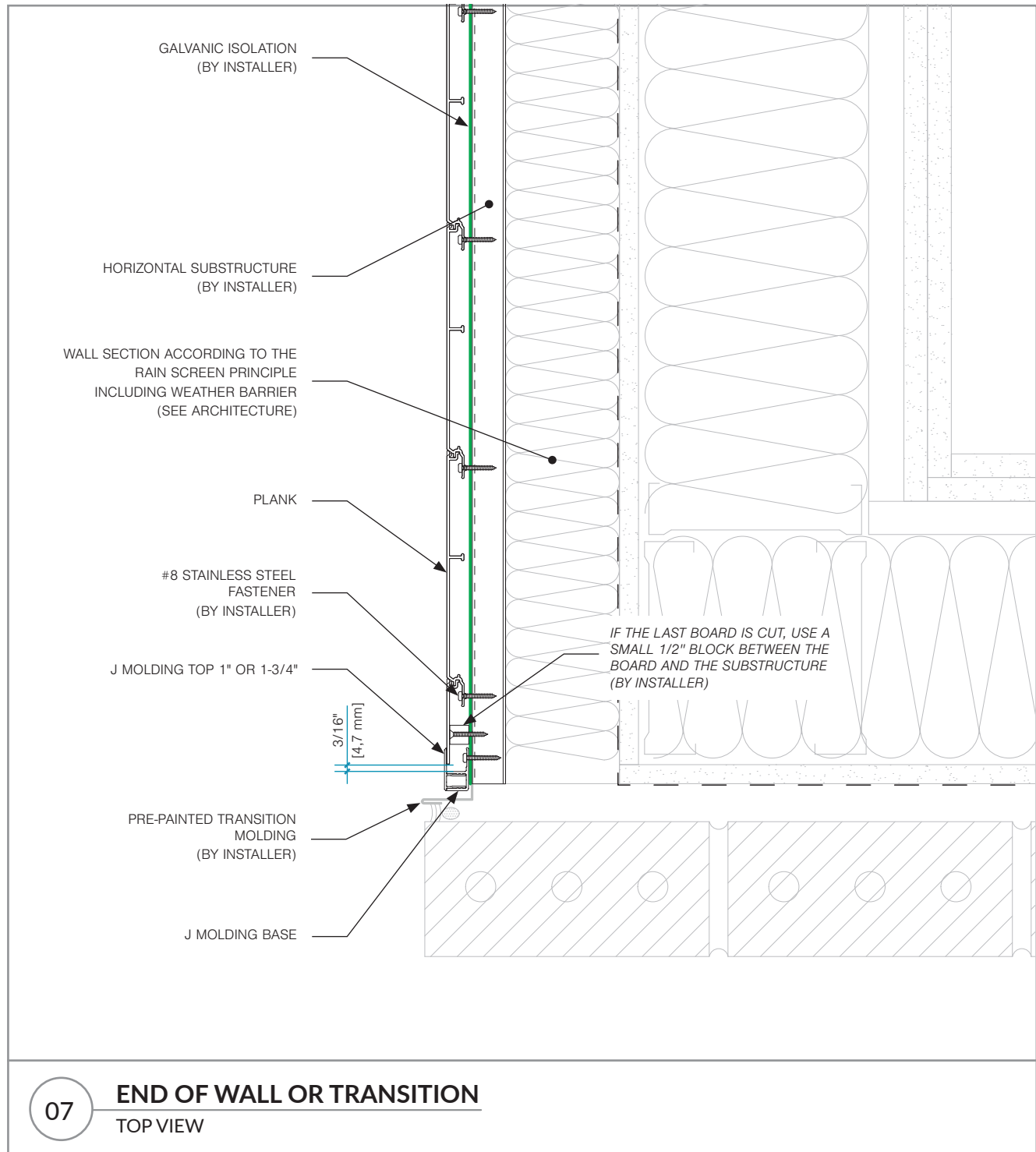
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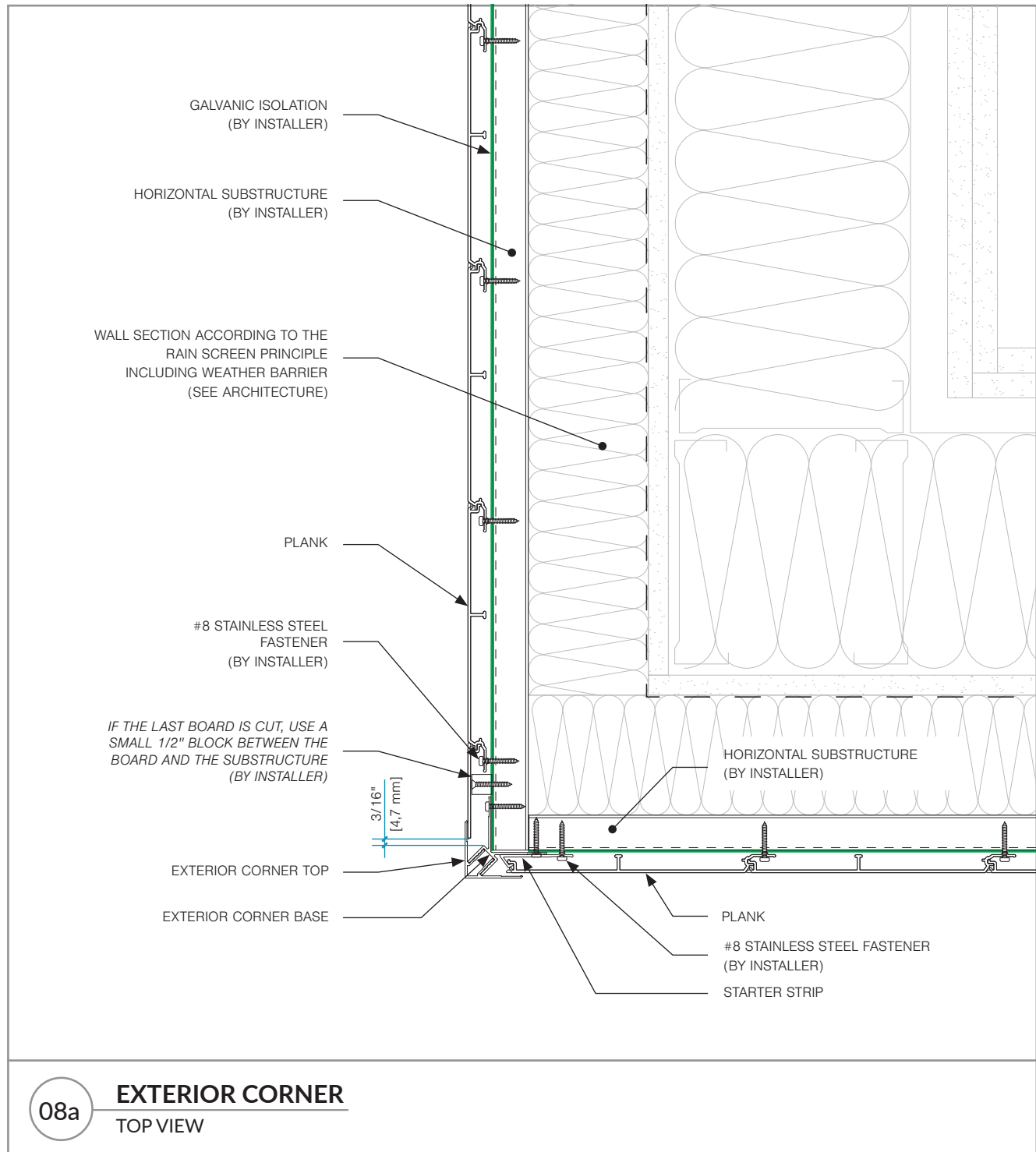
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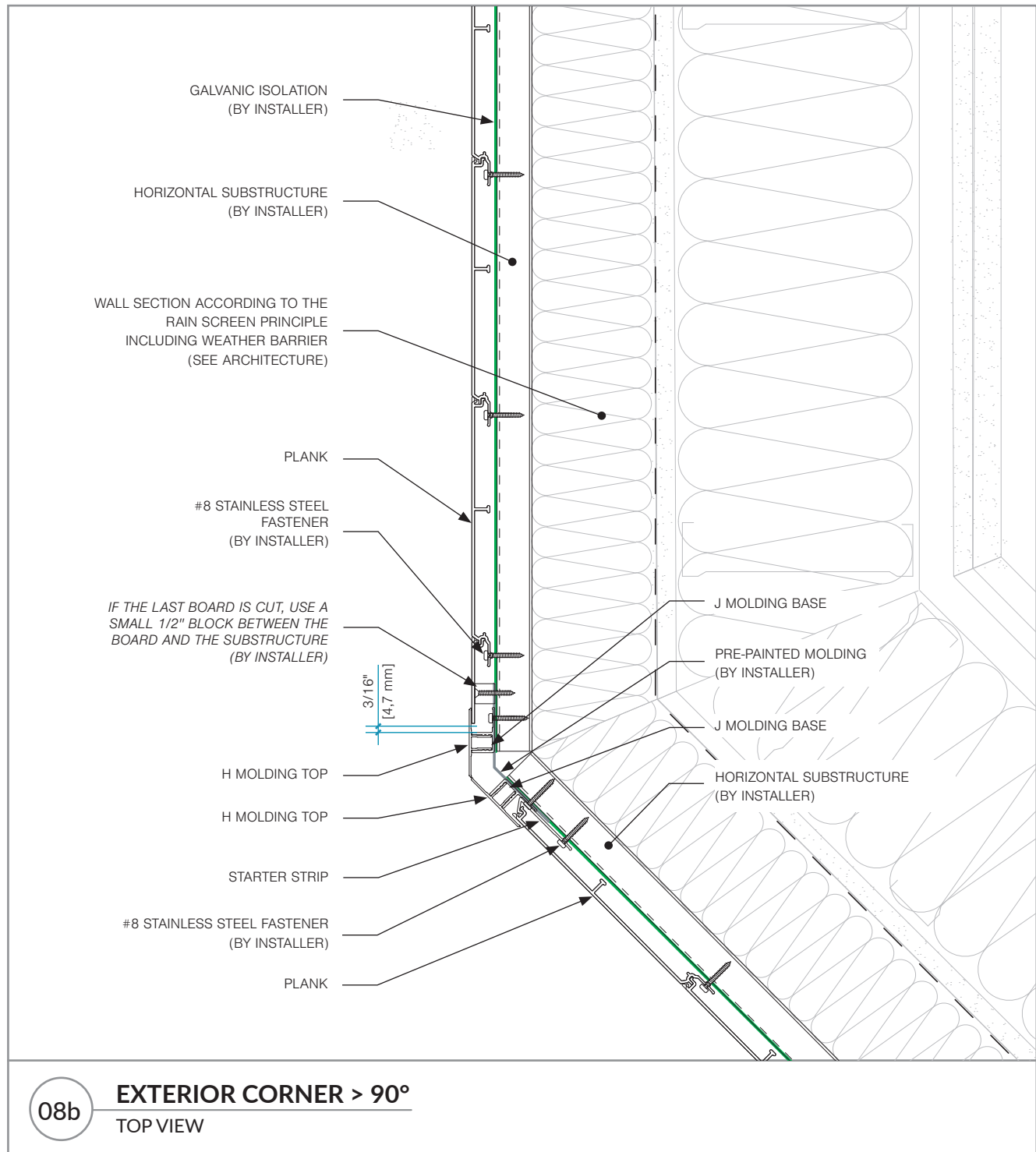


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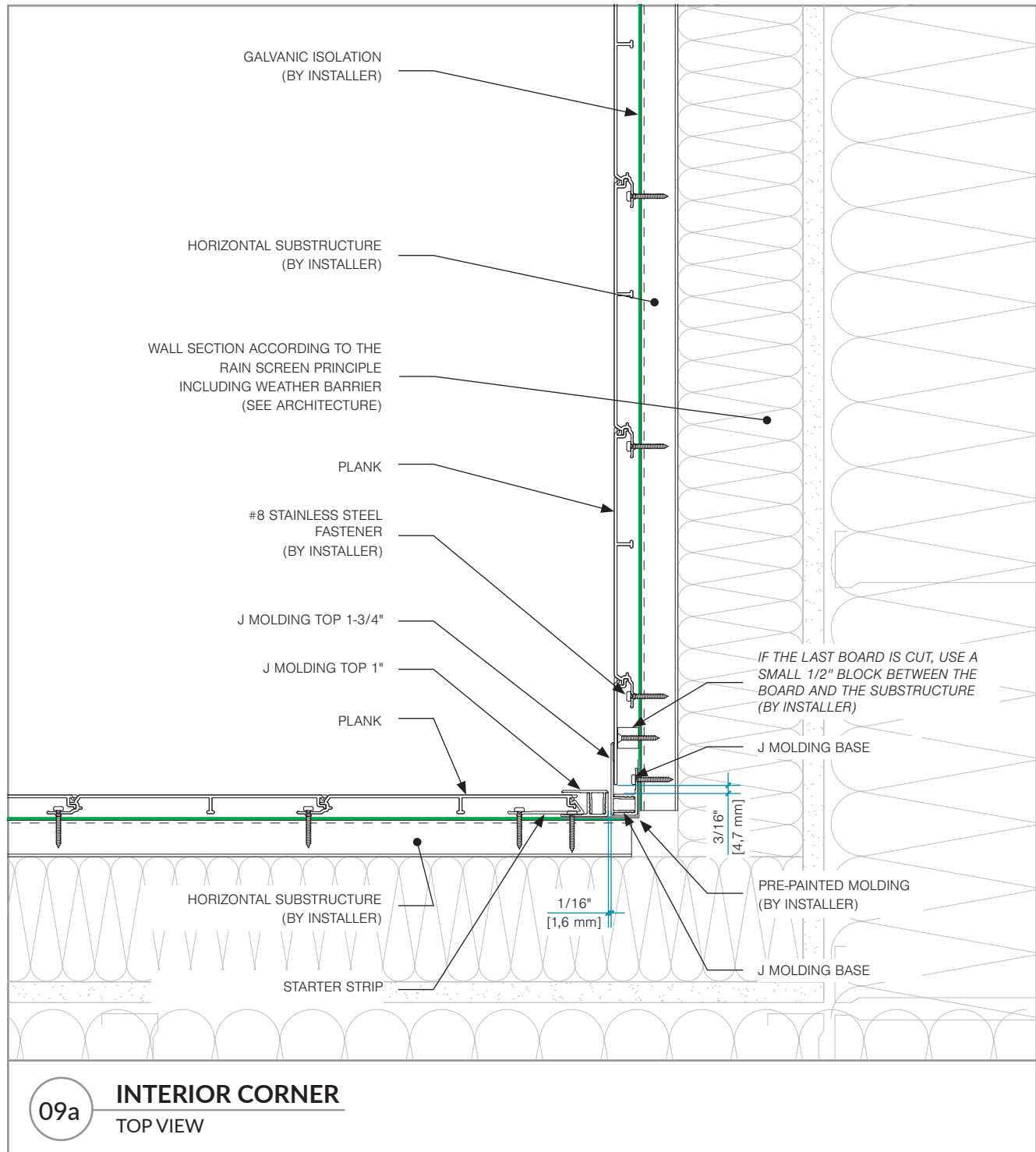
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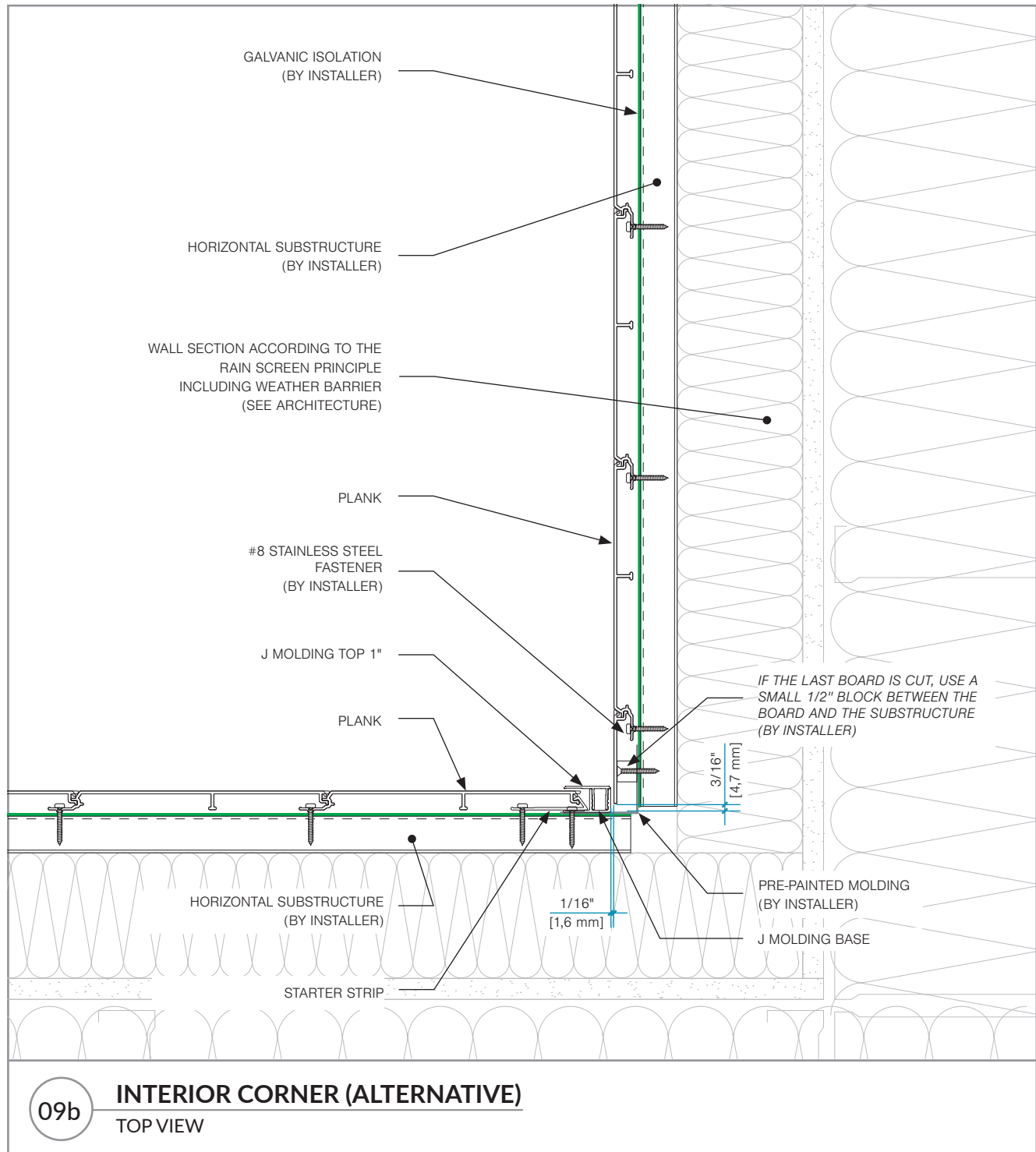
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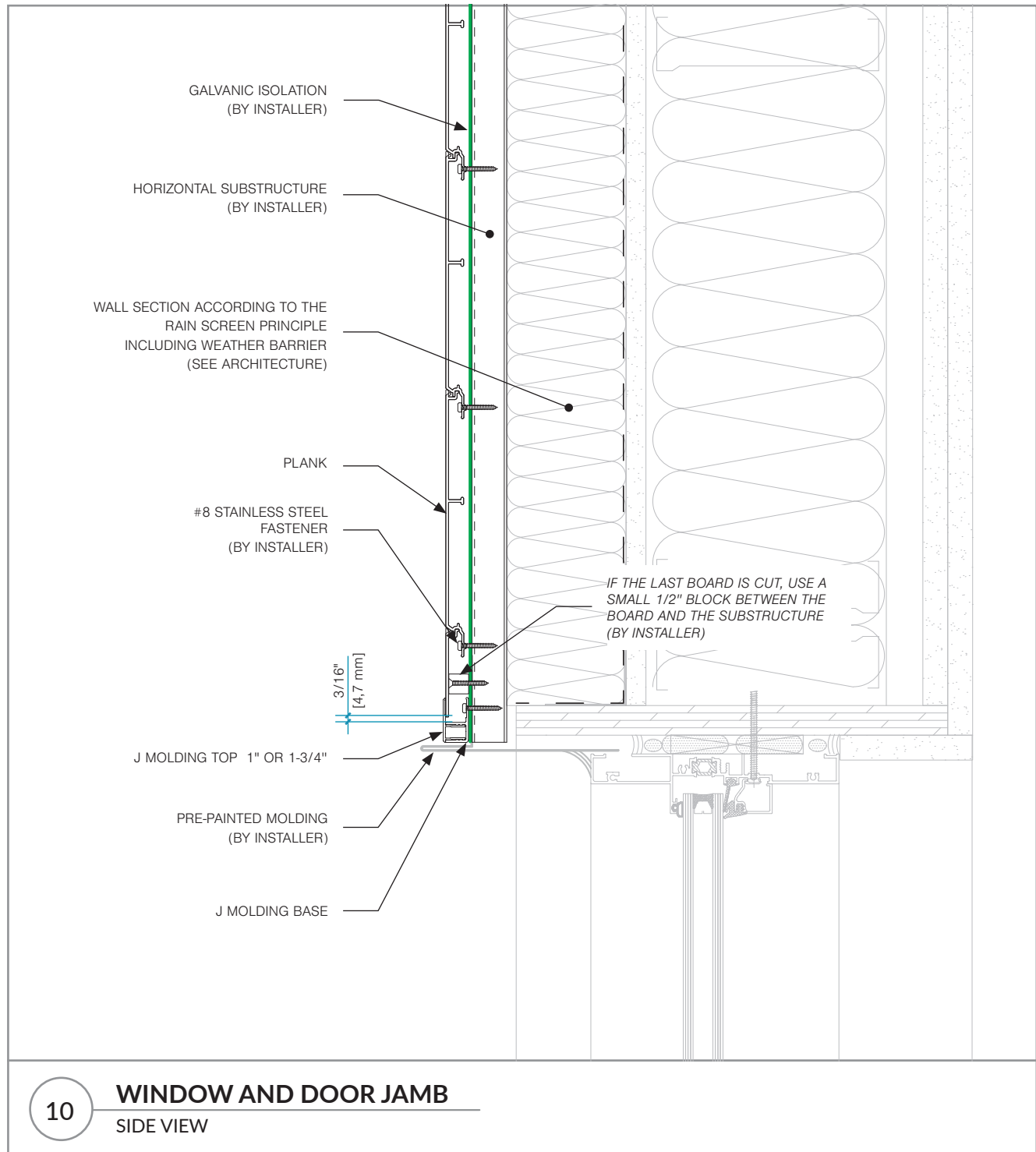
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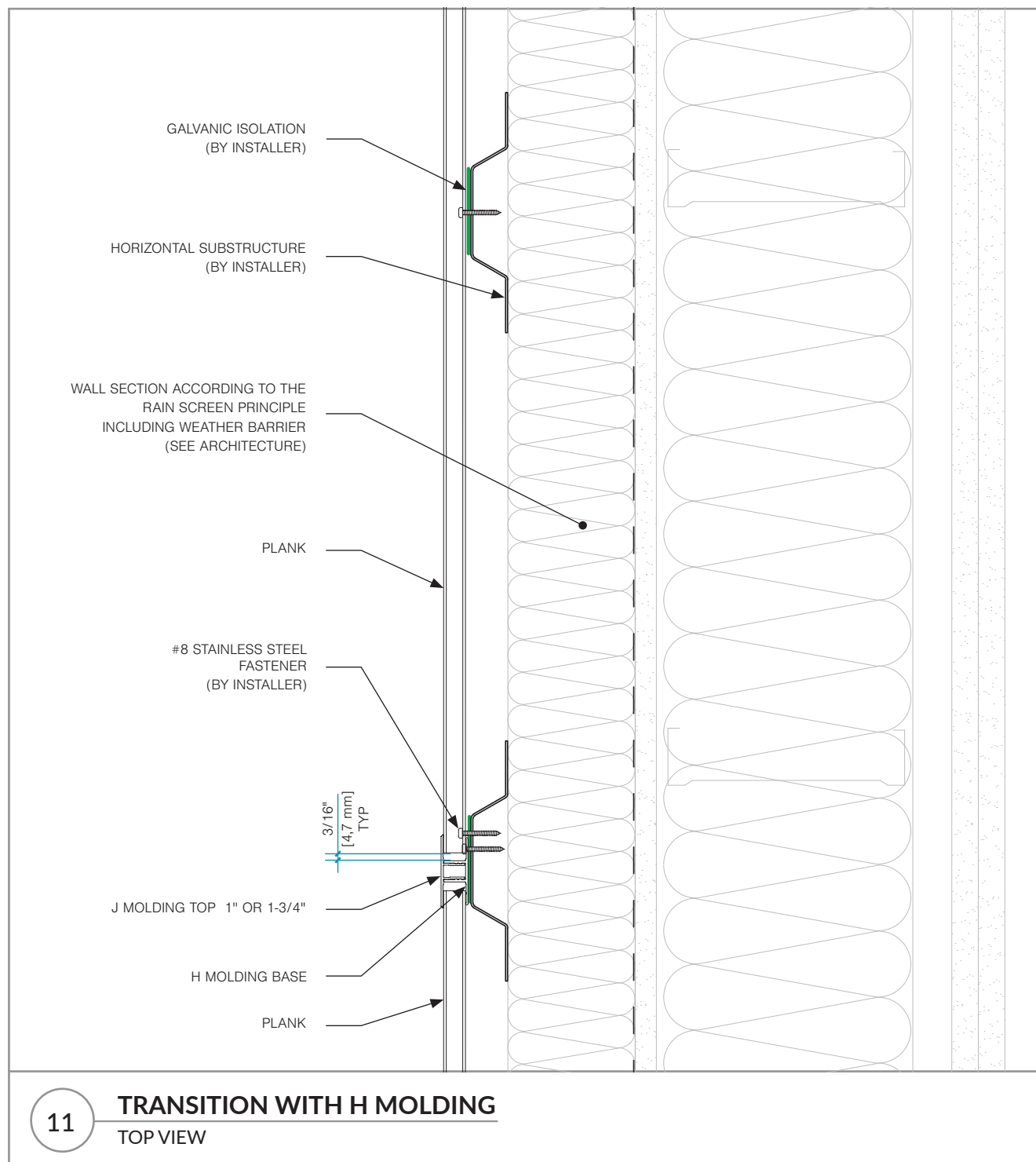
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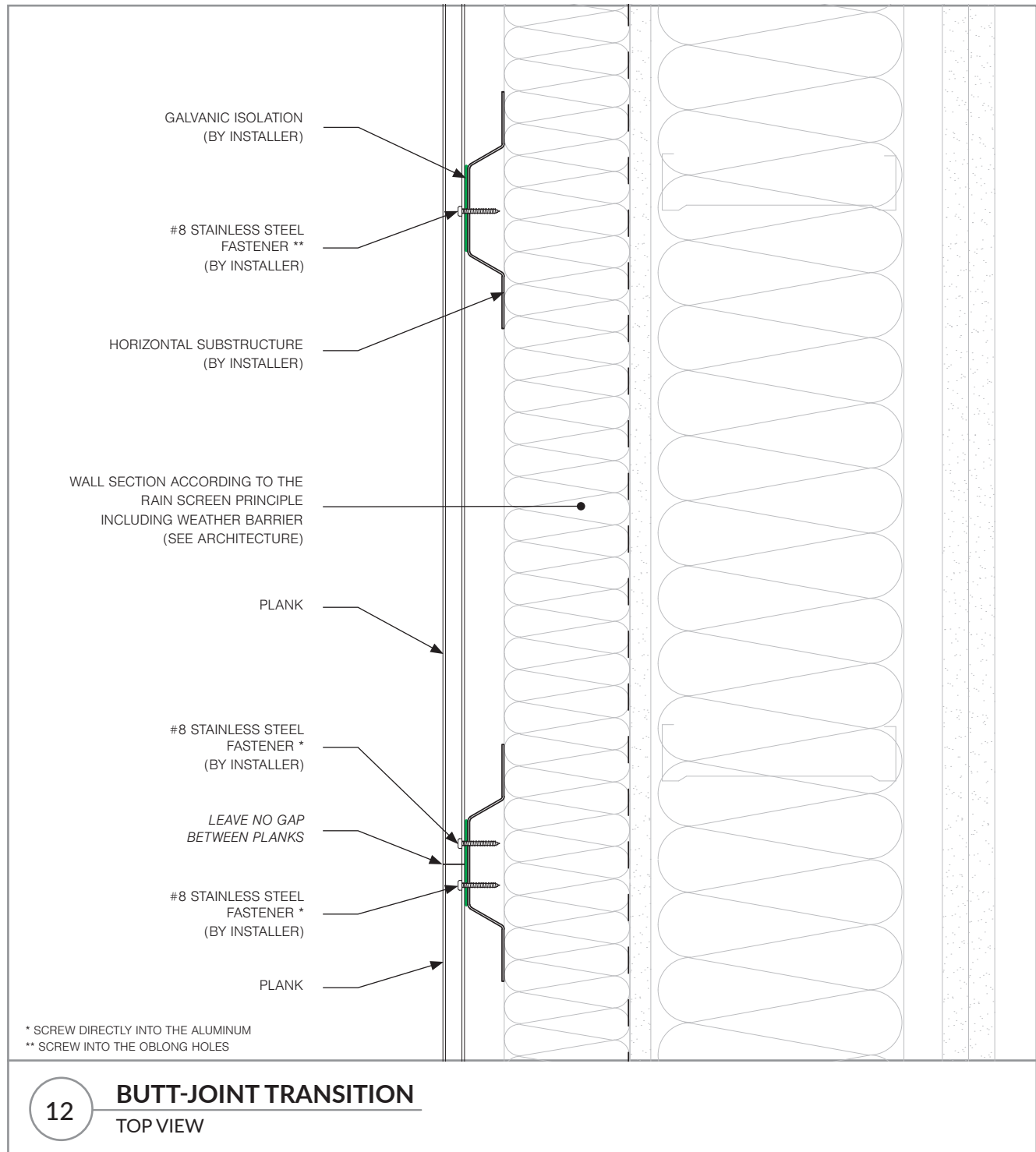
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# MAE-06 - VERTICAL INSTALLATION

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## Warranty

# Warranty Registration Form

## Maibec Architectural Aluminum Cladding

Printed Finish | Paint Finish

### Detail and description of the products used on the construction site

Order(s)	Product	Series	Finish/Colour	Paint/Applicator
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

This form warrants to:

Insert the name of the owner of the building here

That Maibec Inc. will comply, for MAE/MAA Series, with the standards set out in Sections 1, 2 and 3, subject to the conditions set out in Section 4 of this warranty (attached) and, for MAP Series, with the standards set out in Sections 1 and 2, subject to the conditions set out in Section 3 of this warranty (attached), for Maibec aluminum products including plank siding, vented planks, architectural battens, panels, assembled panels and accessories.

Name and address of Contractor who perform the work:

Insert here

Project Name:

Insert here

Property Address:

Insert here

Email Address:

Insert here

Phone Number:

Insert here

Installation Completion Date:

Insert here

I have read and accept the conditions of the warranty on the product (Section 1), the warranty on the printed finish (Section 2 - MAE/MAA Series) and the warranty on the painted finish (Section 2 - MAP Series and Section 3 MAE/MAA Series), subject to the terms and conditions of Sections 3 (MAP Series) and 4 (MAE/MAA Series) with respect to the products that have been installed on the project or building identified above.

I acknowledge receipt of the copy of the warranty certificate.

Insert here

Insert here

Owner or Contractor name

Date

Signature

**Duly authorized on behalf of Maibec Inc.**

Insert here

Insert here

Name and title

Date

Signature

## Summary of Warranties – MAE and MAA Series

WARRANTIES APPLICABLE TO THE PRODUCT/SUBSTRATE: (see details in the warranties text)		MAIBEC ALUMINIUM Line Extruded Planks and Battens <b>MAE Series</b> , Assembled Battens and Panels <b>MAA Series</b>				
Warping Warranty		50 years				
Corrosion Warranty		50 years				
TERMS OF THE PRODUCT/SUBSTRATE WARRANTIES DURING THE COVERED PERIOD:						
0 - 3 years	Product/Substrate Warranty:	Defective portions are covered 100% by Maibec.				
	Labor Warranty for replacing defective portions:	Labor cost assumed by Maibec up to a maximum of USD 10/ft² or CAD 13/ft² depending on the project location (United States or Canada).				
4 - 50 years	Product/Substrate Warranty:	Defective portions are covered 100% by Maibec.				
	Labor Warranty for replacing defective portions:	No warranty (labor at the customer’s expense).				
WARRANTIES APPLICABLE TO THE FINISH: (see details in the warranties text)		PRINTED FINISH	PAINTED FINISH MAIBEC EXPRESS and MAIBEC Selection*		PAINTED FINISH Other Powder / MAIBEC Application**	PAINTED FINISH Subcontracted
		Maibec Print	Opaque Powder AAMA 2604	Opaque Powder AAMA 2605	Opaque Powder from supplier outside selection	Application performed by subcontractor
Adhesion Warranty		20 years	20 years	25 years	The paint manufacturer’s warranty for the paint used will apply.	The warranty of the subcontractor who performed the painting work will apply.
Cracking and Crazing Warranty		20 years	20 years	25 years		
Color Stability Warranty		20 years	15 years	20 years		
Gloss Retention Warranty		20 years	15 years	20 years		
Chalking Warranty		Not applicable	15 years	20 years		
TERMS OF THE FINISH WARRANTIES DURING THE COVERED PERIOD:						
0 - 3 years	Finish Warranty:	← Defective portions are covered 100% by Maibec. →			The warranty of the paint manufacturer for the paint used or of the subcontractor who performed the painting work will apply for its duration and according to its terms and conditions.	
	Labor Warranty for replacing defective portions:	← Labor cost covered by Maibec up to USD 10/ft² or CAD 13/ft² depending on the project location (United States or Canada). →				
4 - 15 years	Finish Warranty:	← Defective portions are covered 100% by Maibec. →				
	Labor Warranty for replacing defective portions:	← No warranty (labor at the customer’s expense). →				
16 - 20 years	Finish Warranty:	Defective portions are covered by Maibec at 80% during the 16th year, 60% during the 17th year, 40% during the 18th year, 20% during the 19th year, and 10% during the 20th year.	← For warranties that still apply, defective portions are covered 100% by Maibec. →			
	Labor Warranty for replacing defective portions:	← No warranty (labor at the customer’s expense) →				
21 years + (up to 25 years)	Finish Warranty:	Not applicable	Not applicable	For warranties that still apply, defective portions are covered 100% by Maibec.		
	Labor Warranty for replacing defective portions:	Not applicable	Not applicable	No warranty (labor at the customer’s expense)		

All warranties are subject to the Terms and Conditions detailed in the MAIBEC Architectural warranty document, which takes precedence over the table above and over any other information communicated in the event of conflict or contradiction.

\* The MAIBEC Selection includes colors from selected manufacturers' catalogs for which MAIBEC is a certified applicator.

\*\* For a powder coating from a supplier outside the MAIBEC selection catalogs, MAIBEC undertakes to follow the supplier's application specifications (certified by them).

## Summary of Warranties – MAP Series

WARRANTIES APPLICABLE TO THE PRODUCT/SUBSTRATE: (see details in the warranties text)		MAIBEC ALUMINIUM Line Panels MAP Series			
Warping Warranty		10 years			
Corrosion Warranty		10 years			
TERMS OF THE PRODUCT/SUBSTRATE WARRANTIES DURING THE COVERED PERIOD:					
0 - 3 years	Product/Substrate Warranty:	Defective portions are covered 100% by Maibec.			
	Labor Warranty for replacing defective portions:	Labor cost assumed by Maibec up to a maximum of USD 10/ft² or CAD 13/ft² depending on the project location (United States or Canada).			
4 - 10 years	Product/Substrate Warranty:	Defective portions are covered 100% by Maibec.			
	Labor Warranty for replacing defective portions:	No warranty (labor at the customer’s expense).			
WARRANTIES APPLICABLE TO THE FINISH: (see details in the warranties text)		PAINTED FINISH MAIBEC EXPRESS and MAIBEC Selection*		PAINTED FINISH Other Powder / MAIBEC Application**	PAINTED FINISH Subcontracted
		Opaque Powder AAMA 2604	Opaque Powder AAMA 2605	Opaque Powder from supplier outside selection	Application performed by subcontractor
Adhesion Warranty		20 years	25 years	The paint manufacturer’s warranty for the paint used will apply. (see Appendix)	The warranty of the subcontractor who performed the painting work will apply. (see Appendix)
Cracking and Crazing Warranty		20 years	25 years		
Color Stability Warranty		15 years	20 years		
Gloss Retention Warranty		15 years	20 years		
Chalking Warranty		15 years	20 years		
TERMS OF THE FINISH WARRANTIES DURING THE COVERED PERIOD:					
0 - 3 years	Finish Warranty:	← Defective portions are covered 100% by Maibec. →		The warranty of the paint manufacturer for the paint used or of the subcontractor who performed the painting work will apply for its duration and according to its terms and conditions. (see Appendix)	
	Labor Warranty for replacing defective portions:	← Labor cost covered by Maibec up to USD 10/ft² or CAD 13/ft² depending on the project location (United States or Canada). →			
4 - 15 years	Finish Warranty:	← Defective portions are covered 100% by Maibec. →			
	Labor Warranty for replacing defective portions:	← No warranty (labor at the customer’s expense). →			
16 - 20 years	Finish Warranty:	← For warranties that still apply, defective portions are covered 100% by Maibec. →			
	Labor Warranty for replacing defective portions:	← No warranty (labor at the customer’s expense) →			
21 years + (up to 25 years)	Finish Warranty:	Not applicable	For warranties that still apply, defective portions are covered 100% by Maibec.		
	Labor Warranty for replacing defective portions:	Not applicable	No warranty (labor at the customer’s expense)		

All warranties are subject to the Terms and Conditions detailed in the MAIBEC Architectural warranty document, which takes precedence over the table above and over any other information communicated in the event of conflict or contradiction.

\* The MAIBEC Selection includes colors from selected manufacturers' catalogs for which MAIBEC is a certified applicator.

\*\* For a powder coating from a supplier outside the MAIBEC selection catalogs, MAIBEC undertakes to follow the supplier's application specifications (certified by them).

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# Limited Warranty

## Extruded Aluminum Products

### MAE and MAA Series



## Maibec Architectural Aluminum Cladding

Extruded Aluminum Profiles (MAE Series) - Maibec Aluminum Assembled Products (MAA Series)

Printed Finish | Paint Finish

WARRANTY APPLICABLE IN CANADA TO PRODUCTS SOLD THROUGH MAIBEC INC.

### DEFINITIONS

The term «PRODUCT» refers to the extruded aluminum profile and assembled products of extruded profiles and aluminum composite panels with aluminum core. It excludes any finish or material applied to it.

The term «PRINTED FINISH» refers to the primer coat, the high-definition printed coat, and the clear protective coating at section 2.

The term «PAINTED FINISH» refers to the opaque plain layer of paint that meets the FGIA/ AAMA 2604-13 or AAMA 2605-13 standard (MAIBEC EXPRESS and MAIBEC Selection\* only), as applicable, and the performance criteria described in Section 3. The term «FINISH» is used to refer collectively to «PRINTED FINISH» and «PAINTED FINISH».

\* The MAIBEC Selection includes colors from selected manufacturers' catalogs for which MAIBEC is a certified applicator.

### SECTION 1 - PRODUCT

MAIBEC expressly warrants that its aluminum PRODUCTS are free of physical and manufacturing defects.

During the warranty period, when the PRODUCT is installed and maintained according to MAIBEC's instructions, it is guaranteed against the following:

- 1.1. Warping. The PRODUCT is guaranteed to be free from inherent warping. This warranty does not cover warping resulting from external factors, including but not limited to the structure or support to which the product is attached. For the purposes of this warranty, warping is defined as a deformation exceeding 1.6 mm (1/16 in) out of plane per linear foot or 304.8 mm (12 in).
- 1.2. Corrosion. When installed and maintained according to MAIBEC's instructions, the PRODUCT is also warrantied against rust and corrosion.
- 1.3. The "warranty period" for the warranties detailed in section 1 is valid for ten (50) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 4.2.

1.4. In the event that the PRODUCT has a physical or manufacturing defect::

- 1.4.1. For three (3) years following the installation completion date: MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT and reimburse labor costs up to a maximum of US\$10 or Can\$13 per square foot of replaced product, depending on the project location (United States or Canada), to the owner or subsequent purchaser of the building where the PRODUCT is installed, as applicable.
- 1.4.2. From the fourth (4th) year until the fiftieth (50th) year following the installation completion date: MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT to the owner or subsequent purchaser of the building where the PRODUCT is installed, as applicable. MAIBEC will not assume any labor costs.

### SECTION 2 - PRINTED FINISH

During the warranty period, the PRINTED finish will be warrantied as follows:

- 2.1. Resistance to cracking and crazing. The PRINTED FINISH will be free of any visible cracking or crazing when observed from a distance of 3 m (10 feet) from the metal surface and inspected at a 90-degree angle to the surface.
- 2.2. Color stability. No change in the color of the PRINTED FINISH exceeding 5 (five) CIE Lab units measured according to Section 6.3 of the ASTM D2244 standard. Color change will be measured on the exposed surface after it has been cleaned to remove oil, grease, or other contaminants. The corresponding values will be compared to the values measured on the original batch.
- 2.3. Gloss retention. The PRINTED FINISH will have a gloss retention of at least 50% of the original. Gloss retention will be measured on the exposed finish surface after it has been cleaned to remove oil, grease, or other contaminants. The corresponding values will be compared to the values measured on the original manufactured product.
- 2.4. Adhesion. The PRINTED FINISH, whose adhesion is initially measured on reference samples, will not show any detachment inferior to class 4B as per method "B" of the ASTM D3359 standard.
- 2.5. The "warranty period" for the warranties detailed in section 2 is valid for twenty (20) years, commencing on the date shown on the warranty registration form, and for as long as the "owner" named owns the property where the product was originally installed, subject to section 4.2 and in accordance with the terms described in section 2.6.
- 2.6. In the event of a PRINTED FINISH defect:
  - 2.6.1 For three (3) years following the date of installation: MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT and reimburse labor costs up to a maximum of US\$10 or Can\$13 per square foot of replaced product, depending on the project



location (United States or Canada), to the owner or subsequent purchaser of the building where the PRODUCT is installed, as the case may be.

- 2.6.2 For the fourth (4th) to fifteenth (15th) years following the date of installation: MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT to the owner or subsequent purchaser of the building where the PRODUCT is installed, as the case may be. MAIBEC will not assume any labor costs.
- 2.6.3 For the sixteenth (16th) to twentieth (20th) years following the date of installation: MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT to the owner or subsequent purchaser of the building where the PRODUCT is installed, as the case may be, up to an amount based on the PRODUCT's remaining lifespan (please refer to the table below). MAIBEC will not assume any labor costs..

Years	Covered by Maibec
16	80%
17	60%
18	40%
19	20%
20	10%

### SECTION 3 - PAINTED FINISH (AAMA 2604-13 OR AAMA 2605-13 POWDER COATING)

During the warranty period, the PAINTED FINISH will be warrantied as follows:

- 3.1 Resistance to cracking and crazing. This PAINTED FINISH on the building will be free of any visible cracking or crazing when observed from a distance of 3 m (10 feet) from the metal surface and inspected at a 90-degree angle to the surface.
- 3.2 Color stability. No change in the color of the PAINTED FINISH exceeding 5 (five) CIE Lab units measured according to Section 6.3 of the ASTM D2244 standard. Color change will be measured on the exposed surface after it has been cleaned to remove oil, grease, powder, oxide film, or other contaminants. The corresponding values will be compared to the values measured on the original batch.
- 3.3 Color stability. No change in the color of the PAINTED FINISH exceeding 5 (five) CIE Lab units measured according to Section 6.3 of the ASTM D2244 standard. Color change will be measured on the exposed surface after it has been cleaned to remove oil, grease, powder, oxide film, or other contaminants. The corresponding values will be compared to the values measured on the original batch.
- 3.4 Gloss retention. The coated surface will have a gloss retention of at least 30% of the original for the **AAMA 2604-13 powder coating** or at least 50% of the original for the **AAMA 2605-13 powder coating**, measured at 60° in accordance with the ASTM D523 standard. Gloss retention will be measured on the exposed PAINTED FINISH surface after it has been cleaned to remove oil, grease, powder, or other contaminants. The corresponding values will be compared to the values measured on the original manufactured product.
- 3.5 Resistance to chalking. The PAINTED COATED FINISH coat will not chalk in excess of a numerical rating of 8 measured according to method A of the ASTM D4214 standard.

#### FOR AAMA 2604-13 POWDER COATING

- 3.6 The "warranty period" for the warranties detailed at length in sections 3.1 (cracking and crazing) and 3.2 (adhesion) is valid for twenty (20) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 4.2 and in accordance with the terms described in section 3.10.
- 3.7 The "warranty period" for the warranties detailed at length in sections 3.3 (color stability), 3.4 (gloss) and 3.5 (chalking) is valid for fifteen (15) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 4.2 and in accordance with the terms described in section 3.10.

#### FOR AAMA 2605-13 POWDER COATING

- 3.8 The "warranty period" for the warranties detailed at length in sections 3.1 (cracking and crazing) and 3.2 (adhesion) is valid for twenty-five (25) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 4.2 and in accordance with the terms described in section 3.10.
- 3.9 The "warranty period" for the warranties detailed at length in sections 3.3 (color stability), 3.4 (gloss) and 3.5 (chalking) is valid for twenty (20) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 4.2 and in accordance with the terms described in section 3.10.
- 3.10 In the event that the PAINTED FINISH has a physical or manufacturing defect::

3.10.1 For three (3) years following the installation completion date: MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT and reimburse labor costs up to a maximum of US\$10 or Can\$13 per square foot of replaced product, depending on the project location (United States or Canada), to the owner or subsequent purchaser of the building where the PRODUCT is installed, as applicable

3.10.2 From the fourth (4th) year until the end of the warranty period (15, 20, or 25 years, depending on the warranty): MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT to the owner or subsequent purchaser of the building where the PRODUCT is installed, as applicable. MAIBEC will not assume any labor costs.

### SECTION 4 - WARRANTY TERMS AND CONDITIONS

- 4.1 Registration of the warranty is mandatory to give it effect, otherwise it is void. The warranty is only valid upon reception of the duly completed warranty registration form. The warranty must be registered within one hundred eighty (180) days of completion of installation. Warranty registration confirms the date of purchase and helps MAIBEC process claims.
- 4.2 This warranty may be transferred (once) from the original owner. To transfer the warranty, submit written notice within ninety (90) days of when the building changed hands. The notice must include the building address, the name, and mailing address (if different) of the new owner(s), and the date of the transfer.
- 4.3 Proof of purchase of the PRODUCT must be retained, as it is required when submitting any claim under this warranty.
- 4.4 The warranty does not cover damage resulting from abnormal atmospheric conditions exceeding C-1, C-2, C-3 classes as defined in ISO 12944-2, including corrosive, saline or particularly polluted atmospheres, such as, but not limited to, atmospheres contaminated by chemical fumes or sea spray.
- 4.5 The warranty does not cover damage to the coated metal caused by handling, shipping, transportation, workmanship, or installation.

- 4.6 The warranty does not cover damage to the coated metal caused by scratching or abrasion after installation.
- 4.7 The warranty does not cover damage to the coated metal caused by standing water in horizontal installations.
- 4.8 The warranty does not cover damage to the coated metal resulting from improper storage. To prevent damage to the PRODUCT and its FINISH, it must be stored flat and kept dry. A humid environment is contraindicated.
- 4.9 The warranty does not cover damage to the coated metal caused by improper maintenance. It is required that dust, dirt and other deposits on the coated part be cleaned annually using a soft sponge or cloth, water and mild detergent or soap with a pH between 5 and 9. Do not pressure-wash or use harsh detergents or chemicals. Include the following in your maintenance log: date, time, name of the person in charge of maintenance and his/her designation, specific products used, name of the maintenance company and general condition of the FINISH. MAIBEC can request a copy of said maintenance log for the processing of claims under the warranty.
- 4.10 The warranty does not apply to damage caused by natural disasters, falling objects, external forces, explosions, fires, riots, public demonstrations, acts of war, or other similar or different events beyond the control of MAIBEC.
- 4.11 The warranty does not apply to damage caused by exposure to temperatures in excess of sixty (60) degrees Celsius, to acids harmful to the type of finish applied to the siding, or to areas of salt water.
- 4.12 The warranty does not apply to damage caused by the use of tape, putty or sealant, vise marks or attachment points, or work - such as bending, stretching, cutting, sawing, milling or countersinking - performed after the transfer of ownership of the parts from MAIBEC to the customer.
- 4.13 The warranty does not cover damage to the PRODUCT resulting from a problem with the design or structure of the building where the PRODUCT is installed.
- 4.14 The warranty does not cover damage caused by a third party not affiliated with MAIBEC.
- 4.15 The warranty does not cover damage resulting from abnormal use of the PRODUCT or negligent conduct toward it.
- 4.16 Claims must be submitted to MAIBEC in writing within a reasonable timeframe (no more than 90 days) after the problem has been identified and be accompanied by proof of purchase of the PRODUCT. Upon receipt of such notice, MAIBEC must be given a reasonable period to inspect and verify the claim. Authorization from MAIBEC must be obtained before starting any repair or refinishing work.
- 4.17 MAIBEC assumes only limited responsibility for transportation and labor costs required to disassemble defective parts, return them to its facilities and have them reinstalled. The same applies for material costs related to the factory production of defective parts that cannot be recovered for re-covering. For all this specific works, MAIBEC's liability is limited to an amount equal to a maximum of two hundred percent (200%) of the contract value.
- 4.18 MAIBEC shall not be liable for any claim, contractual or otherwise, for any damage, direct or indirect, resulting from a defect of the PRODUCT, including, without limiting the generality of the foregoing, loss of profit, revenue, market, goodwill, business or production, loss of time, enjoyment of life or any other type of claim by the customer or any third party.
- 4.19 The warranty on any repaired or replaced coated metal is valid for the remainder of the original product warranty period. All work will be performed by a company or contractor selected or authorized by MAIBEC. Color variation between repaired or replaced products and original products will not be considered a defect.
- 4.20 This warranty represents the entire agreement between the parties relating to its subject matter and supersedes any prior agreement, verbal or written, between the parties relating to its subject matter. The limited warranties specify MAIBEC's full liability for the products they cover. No person is authorized to make any statements about the warranty on behalf of MAIBEC except as expressly stated above, and such statements will not be binding on MAIBEC, including any declaration made by its representatives, as the case may be.
- 4.21 Except as expressly stated above, MAIBEC makes no warranties of any kind, express or implied, including but not limited to warranties of merchantability or fitness for a particular purpose. Warranties are valid for the duration of the limited warranty, or the shorter period provided for by local law.
- 4.22 NOTHING IN THIS WARRANTY SHALL BE CONSTRUED AS A WARRANTY OF THE QUALITY OF THE INSTALLER'S WORKMANSHIP, OR AS REQUIRING MAIBEC TO BE LIABLE FOR UNSATISFACTORY PERFORMANCE DUE TO FAULTY WORKMANSHIP OR INSTALLATION. THE WARRANTY IS VOID IF MAIBEC'S INSTALLATION INSTRUCTIONS ARE NOT FOLLOWED.
- 4.23 This warranty is governed by the laws in force in the province of Quebec and its interpretation is subject to these same laws. Any dispute between the parties in connection with this warranty must be heard by the courts of the place where the contract was formed, to the exclusion of any other jurisdiction.

This warranty gives you specific legal rights, which can vary from a state/province to another. The provisions of this warranty do not prevent the application of any applicable provincial or state law which, in certain circumstances, may prohibit certain limitations and exclusions provided by these warranties.

MAIBEC SHALL NOT BE LIABLE IN ANY EVENT FOR INCIDENTAL, SPECIAL, MULTIPLE, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY DEFECT IN THE PRODUCT(S) PROVIDED, INCLUDING BUT NOT LIMITED TO DAMAGE TO PROPERTY OR LOSS OF PROFITS.

For more information about the products, please contact Customer Service:

<p>Maibec Inc.  202 – 1984, 5<sup>th</sup> Street  Levis (Quebec)  G6W 5M6 Canada</p>	<p>Phone: 418 659-3323  Toll-Free-Number: 1 800 363-1930  <a href="mailto:info@maibec.com">info@maibec.com</a></p>
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# Limited Warranty Folded Aluminum Profiles MAP Series



## Maibec Architectural Aluminum Cladding

Maibec Aluminum Plate (MAP Series)

Paint Finish

WARRANTY APPLICABLE IN CANADA TO PRODUCTS SOLD THROUGH MAIBEC INC.

### DEFINITIONS

The term «product» refers to the Folded Aluminum Profiles. It excludes any finish or material applied to it.

The term «finish» refers to the opaque plain layer of paint that meets the FGIA/ AAMA 2604-13 or AAMA 2605-13 standard (MAIBEC EXPRESS and MAIBEC Selection\* only), as applicable, and the performance criteria described in Section 2.

\*The MAIBEC Selection includes colors from selected manufacturers' catalogs for which MAIBEC is a certified applicator.

### SECTION 1 - PRODUCT

MAIBEC expressly warrants that its aluminum PRODUCTS are free of physical and manufacturing defects.

During the warranty period, when the PRODUCT is installed and maintained according to MAIBEC's instructions, it is guaranteed against the following:

- 1.1 Warping. The PRODUCT itself will remain whole and free of any distortion or deformation that may affect its profile or durability during the warranty period, provided that the product is installed under normal conditions and subjected to normal atmospheric loads and pressure. For the purposes of this warranty, warping is defined as a deformation exceeding 1.6 mm (1/16 in) out of plane per linear foot or 304.8 mm (12 in).
- 1.2 Corrosion. When installed and maintained according to MAIBEC's instructions, the PRODUCT is also warranted against rust and corrosion.
- 1.3 The "warranty period" for the warranties detailed in section 1 is valid for ten (10) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 3.2.
- 1.4 In the event that the PRODUCT has a physical or manufacturing defect:
  - 1.4.1 For three (3) years following the installation completion date: MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT and reimburse labor costs up to a maximum of US\$10 or Can\$13 per square foot of replaced product, depending on the project location (United States or Canada), to the owner or subsequent purchaser of the building where the PRODUCT is installed, as applicable
  - 1.4.2 From the fourth (4th) year until the tenth (10th) year following the installation completion date: MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT to the owner or subsequent purchaser of the building where the PRODUCT is installed, as applicable. MAIBEC will not assume any labor costs.

### SECTION 2 - FINISH

During the warranty period, the FINISH will be warranted as follows:

- 2.1 Resistance to cracking and splitting. This FINISH on the building will be free of any visible cracking or splitting when observed from a distance of 3 m (10 feet) from the metal surface and inspected at a 90-degree angle to the surface.
- 2.2 Adhesion. The FINISH, with adhesion initially measured on samples according to Section 8.4 of the **AAMA 2604-13** or **AAMA 2605-13** standard, as applicable, will not peel at a rate inferior to class 4B as per Method B of the ASTM D3359 standard.
- 2.3 Color stability. No change in the color of the FINISH exceeding 5 (five) CIE Lab units measured according to Section 6.3 of the ASTM D2244 standard. Color change will be measured on the exposed surface after it has been cleaned to remove oil, grease, powder, oxide film, or other contaminants. The corresponding values will be compared to the values measured on the original batch.
- 2.4 Gloss retention. The coated surface will have a gloss retention of at least 30% of the original for the **AAMA 2604-13 powder coating** or at least 50% of the original for the **FAAMA 2605-13 powder coating**, measured at 60° in accordance with the ASTM D523 standard. Gloss retention will be measured on the exposed FINISH surface after it has been cleaned to remove oil, grease, powder, or other contaminants. The corresponding values will be compared to the values measured on the original manufactured product.
- 2.5 Resistance to chalking. The FINISH coat will not chalk in excess of a numerical rating of 8 measured according to method A of the ASTM D4214 standard.

### FOR AAMA 2604-13 POWDER COATING

- 2.6 The "warranty period" for the warranties detailed at length in sections 2.1 (cracking and splitting) and 2.2 (adhesion) is valid for twenty (20) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 3.2 and in accordance with the terms described in section 2.10.
- 2.7 The "warranty period" for the warranties detailed at length in sections 2.3 (color stability), 2.4 (gloss) and 2.5 (chalking) is valid for fifteen (15) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 3.2 and in accordance with the terms described in section 2.10.

#### FOR AAMA 2605-13 POWDER COATING

- 2.8 The "warranty period" for the warranties detailed at length in sections 2.1 (cracking and splitting) and 2.2 (adhesion) is valid for twenty-five (25) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 3.2 and in accordance with the terms described in section 2.10.
- 2.9 The "warranty period" for the warranties detailed at length in sections 2.3 (color stability), 2.4 (gloss) and 2.5 (chalking) is valid for twenty (20) years, commencing on the date shown on the warranty registration form and continuing for as long as the "owner" named above owns the property where the product was originally installed, subject to section 3.2 and in accordance with the terms described in section 2.10.
- 2.10 In the event that the FINISH has a physical or manufacturing defect:
- 2.10.1 For three (3) years following the installation completion date: MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT and reimburse labor costs up to a maximum of US\$10 or Can\$13 per square foot of replaced product, depending on the project location (United States or Canada), to the owner or subsequent purchaser of the building where the PRODUCT is installed, as applicable.
- 2.10.2 From the fourth (4th) year until the end of the warranty period (15, 20, or 25 years, depending on the warranty): MAIBEC will, at its sole discretion, replace, repair, or refund the defective portion of the PRODUCT to the owner or subsequent purchaser of the building where the PRODUCT is installed, as applicable. MAIBEC will not assume any labor costs.

#### SECTION 3 - WARRANTY TERMS AND CONDITIONS

- 3.1 Registration of the warranty is mandatory to give it effect, otherwise it is void. The warranty is only valid upon reception of the duly completed warranty registration form. The warranty must be registered within one hundred eighty (180) days of completion of installation. Warranty registration confirms the date of purchase and helps MAIBEC process claims.
- 3.2 This warranty may be transferred (once) from the original owner. To transfer the warranty, submit written notice within ninety (90) days of when the building changed hands. The notice must include the building address, the name, and mailing address (if different) of the new owner(s), and the date of the transfer.
- 3.3 Proof of purchase of the PRODUCT must be retained, as it is required when submitting any claim under this warranty.
- 3.4 The warranty does not cover damage resulting from abnormal atmospheric conditions exceeding C-1, C-2, C-3 classes as defined in ISO 12944-2, including corrosive, saline or particularly polluted atmospheres, such as, but not limited to, atmospheres contaminated by chemical fumes or sea spray.
- 3.5 The warranty does not cover damage to the coated metal caused by handling, shipping, transportation, workmanship, or installation.
- 3.6 The warranty does not cover damage to the coated metal caused by scratching or abrasion after installation.
- 3.7 The warranty does not cover damage to the coated metal caused by standing water in horizontal installations.
- 3.8 The warranty does not cover damage to the coated metal resulting from improper storage. To prevent damage to the PRODUCT and its FINISH, it must be stored flat and kept dry. A humid environment is contraindicated.
- 3.9 The warranty does not cover damage to the coated metal caused by improper maintenance. It is required that dust, dirt and other deposits on the coated part be cleaned annually using a soft sponge or cloth, water and mild detergent or soap with a pH between 5 and 9. Do not pressure-wash or use harsh detergents or chemicals. Include the following in your maintenance log: date, time, name of the person in charge of maintenance and his/her designation, specific products used, name of the maintenance company and general condition of the FINISH. MAIBEC can request a copy of said maintenance log for the processing of claims under the warranty.
- 3.10 The warranty does not apply to damage caused by natural disasters, falling objects, external forces, explosions, fires, riots, public demonstrations, acts of war, or other similar or different events beyond the control of MAIBEC.
- 3.11 The warranty does not apply to damage caused by exposure to temperatures in excess of sixty (60) degrees Celsius, to acids harmful to the type of finish applied to the siding, or to areas of salt water.
- 3.12 The warranty does not apply to damage caused by the use of tape, putty or sealant, vise marks or attachment points, or work - such as bending, stretching, cutting, sawing, milling or countersinking - performed after the transfer of ownership of the parts from MAIBEC to the customer.
- 3.13 The warranty does not cover damage to the PRODUCT resulting from a problem with the design or structure of the building where the PRODUCT is installed.
- 3.14 The warranty does not cover damage caused by a third party not affiliated with MAIBEC.
- 3.15 The warranty does not cover damage resulting from abnormal use of the PRODUCT or negligent conduct toward it.
- 3.16 Claims must be submitted to MAIBEC in writing within a reasonable timeframe (no more than 90 days) after the problem has been identified and be accompanied by proof of purchase of the PRODUCT. Upon receipt of such notice, MAIBEC must be given a reasonable period to inspect and verify the claim. Authorization from MAIBEC must be obtained before starting any repair or refinishing work.
- 3.17 MAIBEC assumes only limited responsibility for transportation and labor costs required to disassemble defective parts, return them to its facilities and have them reinstalled. The same applies for material costs related to the factory production of defective parts that cannot be recovered for re-covering. For all these specific works, MAIBEC's liability is limited to an amount equal to a maximum of two hundred percent (200%) of the contract value.
- 3.18 MAIBEC shall not be liable for any claim, contractual or otherwise, for any damage, direct or indirect, resulting from a defect of the PRODUCT, including, without limiting the generality of the foregoing, loss of profit, revenue, market, goodwill, business or production, loss of time, enjoyment of life or any other type of claim by the customer or any third party.
- 3.19 The warranty on any repaired or replaced coated metal is valid for the remainder of the original product warranty period. All work will be performed by a company or contractor selected or authorized by MAIBEC. Color variation between repaired or replaced products and original products will not be considered a defect.
- 3.20 Cette garantie représente l'entente intégrale entre les parties relative à son objet et prévaut sur toute entente antérieure, verbale ou écrite, entre les parties relatives à son objet. Les garanties limitées précisent la responsabilité entière de MAIBEC en ce qui a trait aux produits qu'elles couvrent. Nul n'est autorisé à faire de déclaration concernant la garantie au nom de MAIBEC à l'exception de ce qui est expressément énoncé ci-dessus, et de telles déclarations n'auront pas d'effet obligatoire pour MAIBEC, y incluant toute déclaration émanant de ses représentants, le cas échéant.
- 3.21 This warranty represents the entire agreement between the parties relating to its subject matter and supersedes any prior agreement, verbal or written, between the parties relating to its subject matter. The limited warranties specify MAIBEC's full liability for the products they cover. No person is authorized to make any statements about the warranty on behalf of MAIBEC except as expressly stated above, and such statements will not be binding on MAIBEC, including any declaration made by its representatives, as the case may be.
- 3.22 NOTHING IN THIS WARRANTY SHALL BE CONSTRUED AS A WARRANTY OF THE QUALITY OF THE INSTALLER'S WORKMANSHIP, OR AS REQUIRING MAIBEC TO BE LIABLE FOR UNSATISFACTORY PERFORMANCE DUE TO FAULTY WORKMANSHIP OR INSTALLATION. THE WARRANTY IS VOID IF MAIBEC'S INSTALLATION INSTRUCTIONS ARE NOT FOLLOWED.
- 3.23 This warranty is governed by the laws in force in the province of Quebec and its interpretation is subject to these same laws. Any dispute between the parties in connection with this warranty must be heard by the courts of the place where the contract was formed, to the exclusion of any other jurisdiction.

This warranty gives you specific legal rights, which can vary from a state/province to another. The provisions of this warranty do not prevent the application of any applicable provincial or state law which, in certain circumstances, may prohibit certain limitations and exclusions provided by these warranties.

MAIBEC SHALL NOT BE LIABLE IN ANY EVENT FOR INCIDENTAL, SPECIAL, MULTIPLE, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY DEFECT IN THE PRODUCT(S) PROVIDED, INCLUDING BUT NOT LIMITED TO DAMAGE TO PROPERTY OR LOSS OF PROFITS.

For more information about the products, please contact Customer Service:

Maibec Inc.

202 – 1984, 5<sup>th</sup> Street

Levis (Quebec)

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## Care & Maintenance Guide



# Care & Maintenance Guide

## Maibec Aluminum Cladding for HD Printed or solid color finishes

Maibec aluminum cladding is engineered for durability and lasting beauty. Proper care is essential to preserve the finish, prevent buildup of contaminants, and ensure long-term performance.

This guide outlines recommended cleaning practices and maintenance intervals based on environmental conditions. Compliance with these guidelines also supports the smooth processing of warranty claims.

### MAINTENANCE SCHEDULE

The frequency of cleaning depends on the environment in which the product is installed. Use the table below as a reference:

Environment	Recommended Cleaning Frequency
Aggressive industrial areas	Every 3 months
Pool or chlorinated environments	Every 3 months
Coastal (marine/salt exposure)	Every 3 months
Tropical or high-humidity zones	Every 6 months
All other non-aggressive areas	Annually

**Important :** Periodic cleaning must be recorded and demonstrable to ensure smooth warranty processing, if required.

### CLEANING INSTRUCTIONS

#### Tools and Materials

- Garden hose
- Soft-bristled brush or microfiber cloth
- Bucket with warm water
- Approved cleaning solution such as **Simple Green Oxy** or other mild, neutral pH detergent

### Cleaning Procedure

1. **Rinse** the cladding using a garden hose to remove loose dirt and debris.
2. **Mix** the approved cleaner with water as directed by the manufacturer.
3. **Gently scrub** the surface with a soft brush or cloth, working from top to bottom.
4. **Rinse thoroughly** with clean water to remove all residues.
5. Let the surface **air dry** naturally.

**Pressure washers are not recommended.** Excessive pressure can damage the finish or force water into panel joints, compromising performance and warranty.

### DEALING WITH STAINS OR BUILD-UP

For areas with stubborn grime, soot, or organic residue:

- Use **Simple Green Oxy** or another approved cleaner designed for aluminum siding and neutral pH balance.
- **Do not** use abrasive tools, bleach, strong solvents, or cleaners with high acidity or alkalinity.
- Always test any cleaning product on a discreet area first.

### SEASONAL CONSIDERATIONS

- Rinse off salt or de-icing residue promptly during winter months.
- Keep gutters and overhangs free of debris to prevent staining or overflow.

### WARRANTY REMINDER

Documenting maintenance activities is essential for warranty support:

- Maintain a cleaning log with dates, products used, and photos if possible.
- Failure to follow recommended care guidelines may void warranty coverage.

## Care & Maintenance Guide (cont'd)

## MAINTENANCE RECORD

[illegible]