DETAIL: PBCI-101
DATE: 09/2019

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer’s instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer’s specifications, installation guidelines and warranties).
I. Test the final assembly to verify performance, correct any deficiencies.
J. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

1. Finish Coat
2. Primer
3. Base Coat
4. Fiberglass Mesh
5. Fiberglass Mesh Tape
6. PermaBase CI
7. Drainage
8. Weather Resistive Barrier
9. eXP Sheathing
10. Self-Adhered Flashing
11. Starter Track

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Cement Board Stucco System
Steel Framed Bottom of Wall - Termination at Slab/Foundation

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DETAIL: PBCI-102
DATE: 09/2019

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer’s instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer’s specifications, installation guidelines and warranties).
I. Test the final assembly to verify performance, correct any deficiencies.
J. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

1. Finish Coat
2. Primer
3. Base Coat
4. Fiberglass Mesh
5. PermaBase CI
6. Drainage
7. Weather Resistive Barrier
8. Self-Adhered Flashing
9. eXP Sheathing
10. Starter Track
11. Foundation

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1234567891011
Cement Board Stucco System
Steel Framed Bottom of Wall - Termination Below Slab/Foundation

DETAIL: PBCI-103
DATE: 09/2019

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer’s instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer’s specifications, installation guidelines and warranties).
I. Test the final assembly to verify performance, correct any deficiencies.
J. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

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Cement Board Stucco System
Steel Framed Flanged Window Head and Window Jam Detail

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DETAIL: PBCI-104
DATE: 09/2019

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer’s instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer’s specifications, installation guidelines and warranties).
I. Install backer rod and sealant between flashing and window frame as specified.
J. Consult with window and sealant manufacturers to verify correct window installation and detailing.
K. Test the final assembly to verify performance, correct any deficiencies.
L. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

1. Finish Coat
2. Primer
3. Base Coat
4. Fiberglass Mesh
5. PermaBase CI
6. Drainage
7. Weather Resistive Barrier
8. Self-Adhered Flashing
9. eXP Sheathing
10. Starter Track
11. Window
12. Flashing
13. Backer Rod and Sealant
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Cement Board Stucco System
Steel Framed Floor Line
with Deflection Track

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DETAIL: PBCI-108
DATE: 09/2019

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer's instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer's specifications, installation guidelines and warranties).
I. Install backer rod and sealant between flashing and window frame as specified.
J. Test the final assembly to verify performance, correct any deficiencies.
K. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

1. Finish Coat
2. Primer
3. Base Coat
4. Fiberglass Mesh
5. Fiberglass Mesh Tape
6. PermaBase CI
7. Drainage
8. Weather Resistive Barrier
9. Self-Adhered Flashing
10. eXP Sheathing
11. Starter Track
12. Flashing
13. Backer Rod and Sealant
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Cement Board Stucco System
Steel Framed Inside Corner

DETAIL: PBCI-110
DATE: 09/2019

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer’s instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer’s specifications, installation guidelines and warranties).
I. Test the final assembly to verify performance, correct any deficiencies.
J. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

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Cement Board Stucco System
Steel Framed Outside Corner

DETAIL: PBCI-111
DATE: 09/2019

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer’s instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer’s specifications, installation guidelines and warranties).
I. Optional corner accessory as alternative to wrapping corner with mesh.
J. Test the final assembly to verify performance, correct any deficiencies.
K. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

1. Finish Coat
2. Primer
3. Base Coat
4. Fiberglass Mesh
5. Fiberglass Mesh Tape
6. PermaBase CI
7. Drainage
8. Weather Resistive Barrier
9. eXP Sheathing

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Cement Board Stucco System
Steel Framed Roof Line

DETAIL: PBCI-112
DATE: 09/2019

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer’s instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer’s specifications, installation guidelines and warranties).
I. Terminate cladding 2” above finished roof.
J. Terminate Step flashing with water-tight kickout/diverter flashing into gutter.
K. Test the final assembly to verify performance, correct any deficiencies.
L. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

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Cement Board Stucco System
Steel Framed
Vertical Expansion Joint

DETAIL: PBCI-114
DATE: 09/2019

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer’s instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer’s specifications, installation guidelines and warranties).
I. Install backer rod and sealant as specified at joint.
J. Expansion joint accessory as alternative to backer rod and sealant.
K. Test the final assembly to verify performance, correct any deficiencies.
L. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

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Cement Board Stucco System

Steel Framed

Electrical Outlet

1. Finish Coat
2. Primer
3. Base Coat
4. Fiberglass Mesh
5. PermaBase CI
6. Drainage
7. Weather Resistant Barrier
8. Self-Adhered Flashing
9. eXP Sheathing
10. Backer Rod and Sealant

NOTES:
A. Accessories, Weather Resistive Barrier and Drainage System not available from National Gypsum.
B. For NFPA 285 approved WRBs, see UL Evaluation Report R22158-02.
C. Do not exceed 16 in. (406 mm) o.c. as maximum wall framing spacing. Must be designed to limit deflection to L/360 under all live and dead loads.
D. Do not use PermaBase CI as a nailing base for other finishes.
E. Follow finish material manufacturer’s instructions for proper installation.
F. Treat joints and corners in PermaBase CI with approved mesh tape and basecoat.
G. Exterior finishes applied directly to PermaBase CI: Reinforcing mesh must be embedded in basecoat (consult exterior finish manufacturer for additional installation requirements).
H. Code-approved Weather Resistant Barrier (WRB) must be installed to protect the cavity (type and placement will vary per local building codes and/or manufacturer’s specifications, installation guidelines and warranties).
I. Install backer rod and sealant as specified around penetration.
J. Terminate Step flashing with water-tight kickout/diverter flashing into gutter.
K. Test the final assembly to verify performance, correct any deficiencies.
L. Construct a site-built mockup to using specified project materials to verify installation sequencing, detailing, and aesthetics.

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