

Direct Applied Finish System (DAFS) - Cement Board Assembly Details

DAFS-Cement Board Assembly Overview

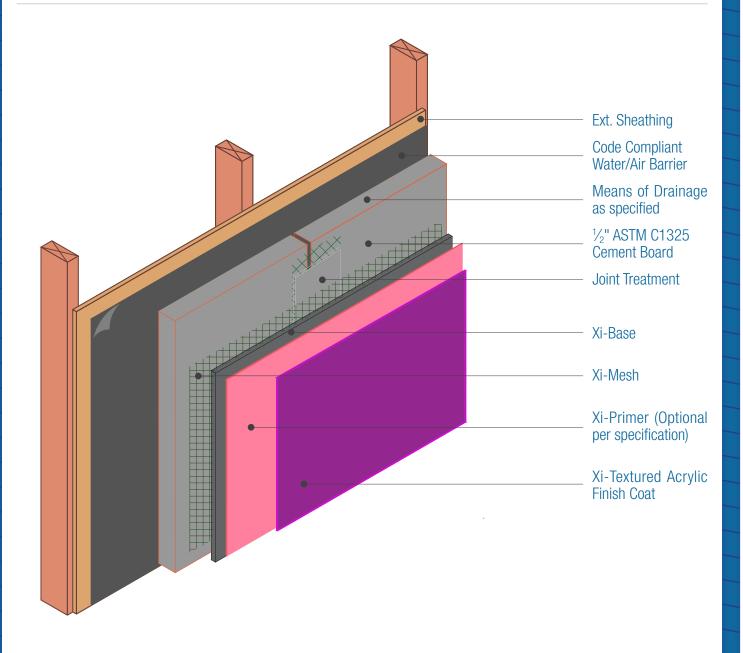


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DAFS-Cement Board Assembly Wall Assembly- Isometric

Date. 04-15-2021 | DAFSCB.I.1 v1



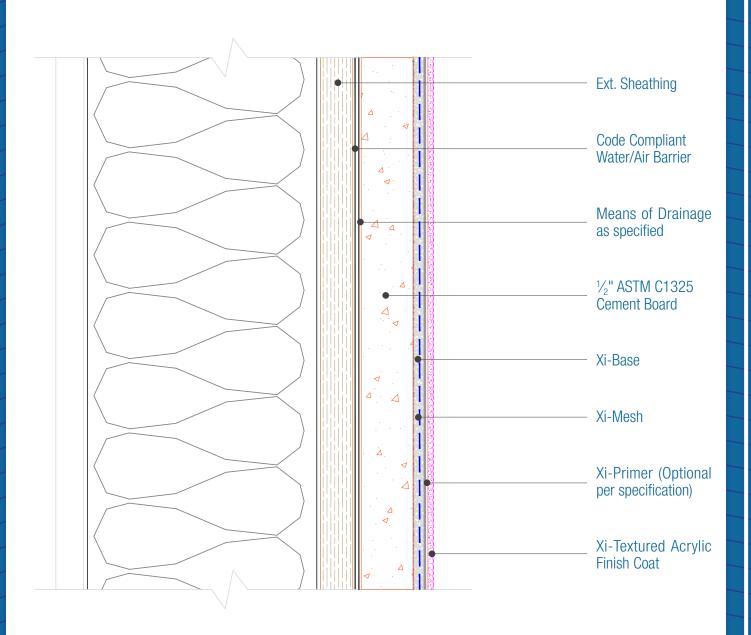
NOTES:

- 1. See Specifications and Detail I.3 for material options.
- 2. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.



DAFS-Cement Board Assembly Assembly Overview

Date. 04-15-2021 | DAFS-CB.I.2 v1



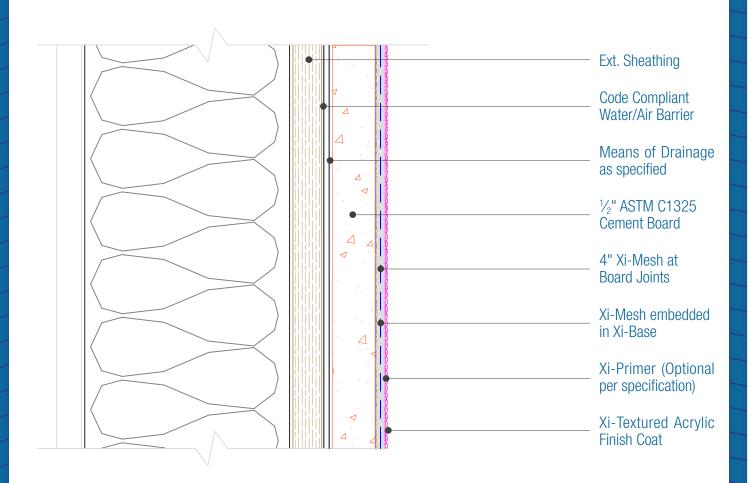
NOTES:

1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.



DAFS-Cement Board Assembly Assembly Overview

Date: 04-15-2021 | DAFSCB.I.3 v1

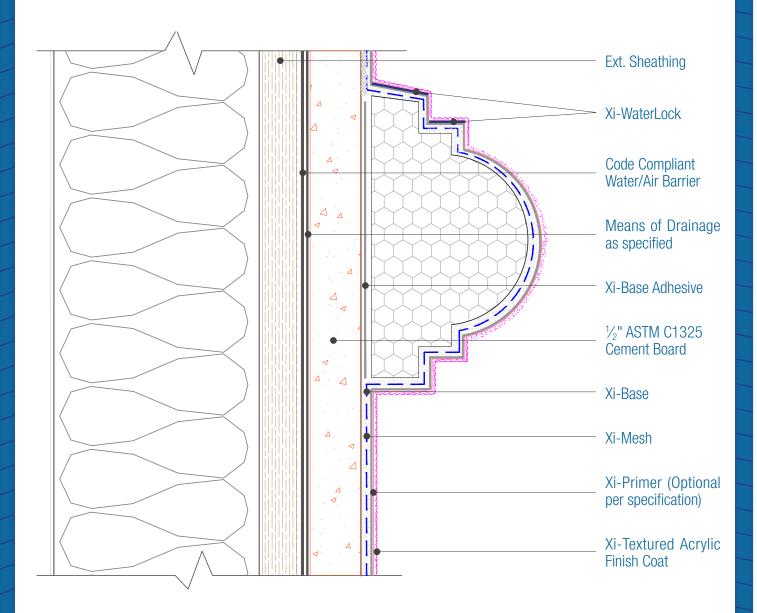


Framing Cement Board Base Coat ☐ Wood □ PermaBase ☐ Xi-Acrylic Base Coat Metal ☐ Other ASTM C1325 ☐ Xi-Dry Acrylic Base Coat Sheathing **Compliant Cement Board** Primer (Optional per spec) □ OSB ☐ Xi-Alkali Resistant Primer ☐ Plywood **Board Joint Mesh** Xi-Textured Acrylic ☐ Cement Board ☐ 4" Xi-Mesh ☐ Fiberglass faced **Finish Coat** ☐ Gypusm **Reinforcing Mesh** ☐ Smooth Means of Drainage ☐ Xi-Mesh ☐ Fine ☐ Per Specifications ☐ Xi-Mesh6 □ Coarse



DAFS-Cement Board Assembly Foam Shape

Date: 04-15-2021 | DAFSCB.I.4 v1



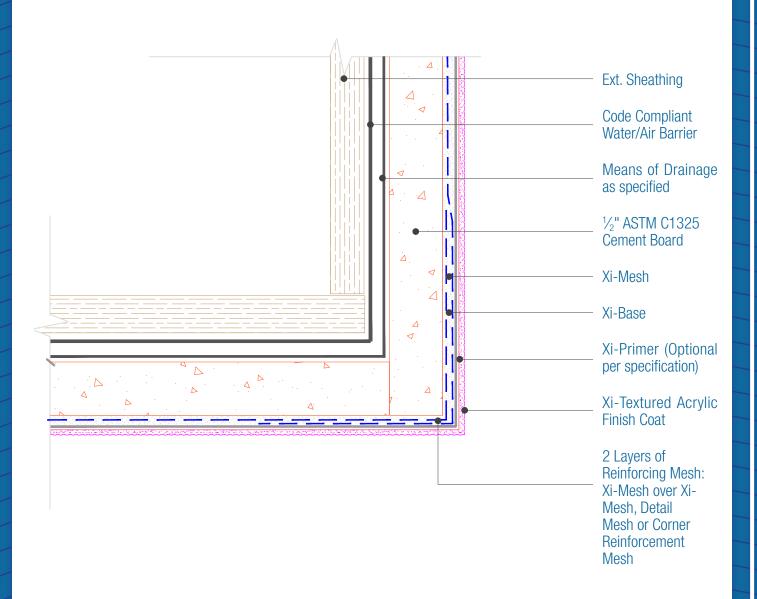
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. Foam shape thickness for Non-combustible construction are limited to 4 inches in thickness.
- 3. Horizontal Sloped surfaces of foam shapes must be coated with FacadesXi-WaterLock.
- 4. Slope Minimums: Standing Snow areas 6:12, No Standing Snow 3:12



DAFS-Cement Board Assembly Outside Corner

Date: 04-15-2021 | Detail. DAFSCB.I.5 v1



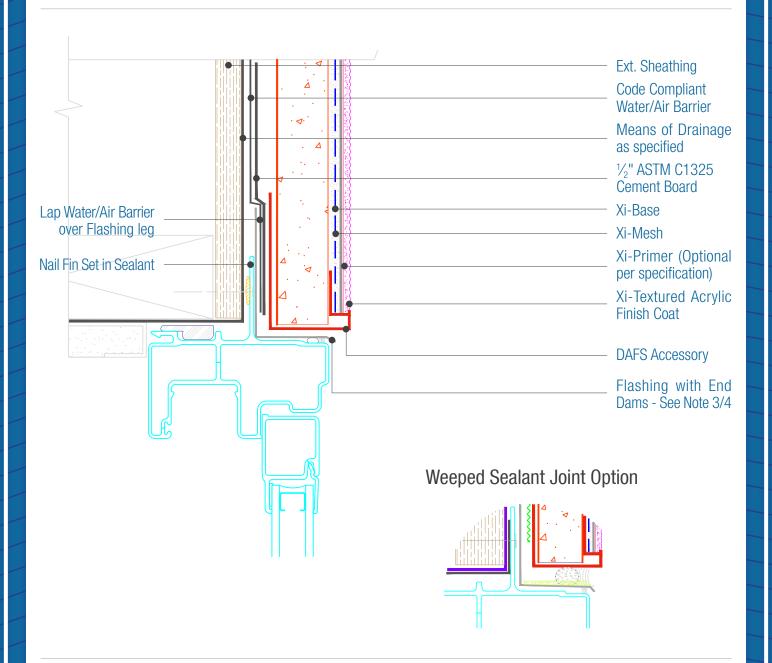
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. See Specifications for Corner options



DAFS-Cement Board Assembly Nail Fin Window Head

Date, 04-15-2021 | DAFSCB,II,1 v1



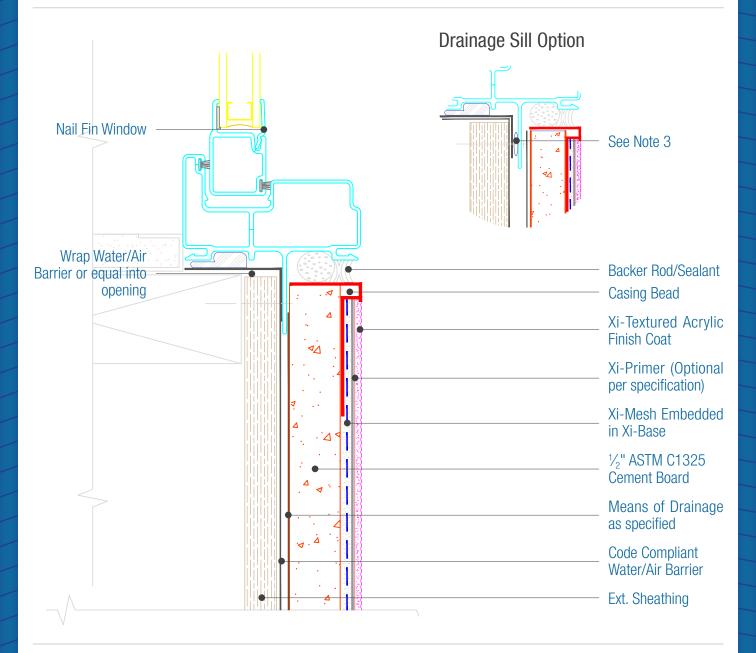
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. Attach penetrations to structural members and provide air tight seals at all penetrations.
- 3. Responsibility of the flashing is not necessarily that of the plastering contractor and should be denoted in the contract documents.
- 4. Flashing must be installed with End Dams and be completely watertight



DAFS-Cement Board Assembly Nail-Fin Window Sill and Jamb

Date. 04-15-2021 | Detail.DAFSCB.II.2 v1



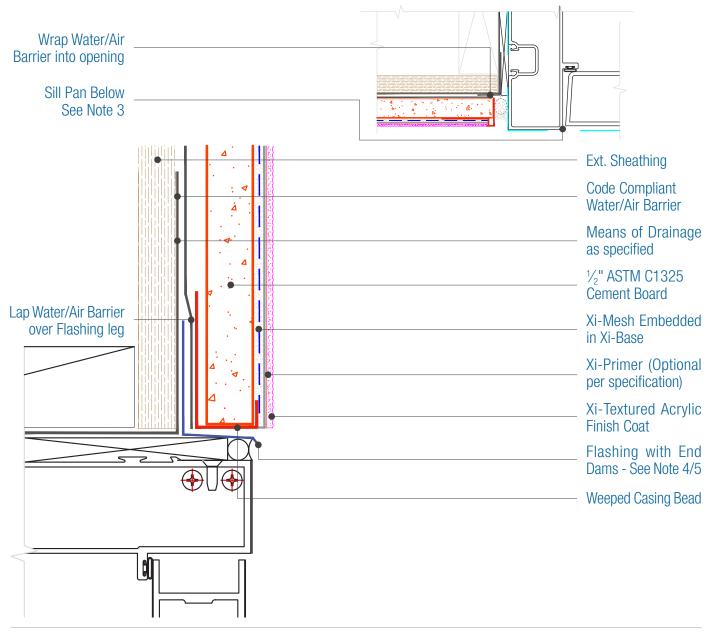
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. There must be continuous airtightness over the entire building enclosure, where required by code. The actual project detail must show this continuity.
- 3. Provide Air Tight seals at all perimeter of window for an airtight seal.
- 4. For Rough Opening Protection and options see Water/Air Barrier Manufacturers installation instructions
- 5. At Sill, for a window that will drain behind the fin, spacers should be installed to accommodate drainage and not sealed, use Drainage Sill Option.



DAFS-Cement Board Assembly Storefront Window Head and Jamb

Date. 04-15-2021 | DAFSCB.II.3 v1



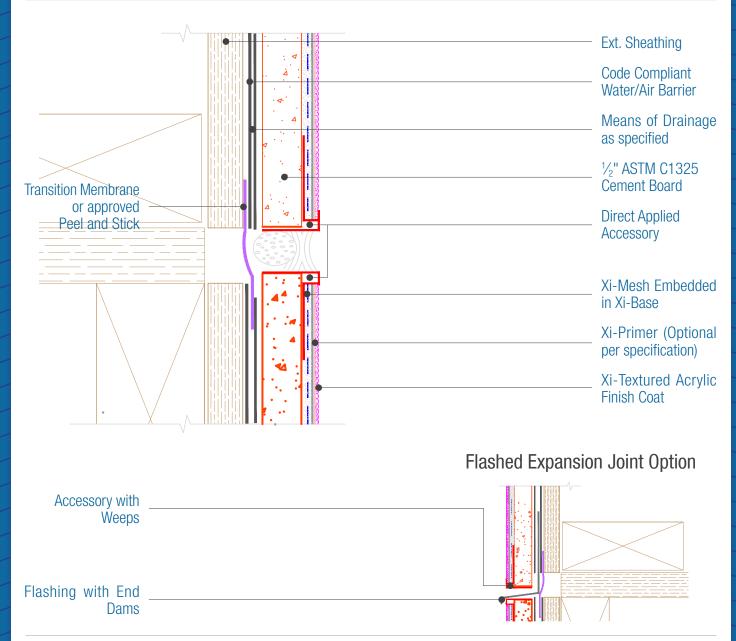
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. Provide Air Tight seals at all perimeter of opening for an airtight seal.
- 3. The Door must be set in a pan flashing and rough opening protection wrapped into that pan flashing.
- 4. Responsibility of the flashing is not necessarily that of the plastering contractor and should be denoted in the contract documents.
- 5. Flashing must be installed with End Dams and be completely watertight.



DAFS-Cement Board Assembly Expansion Joint

Date. 04-15-2021 | Detail. DAFSCB.III.1 v1



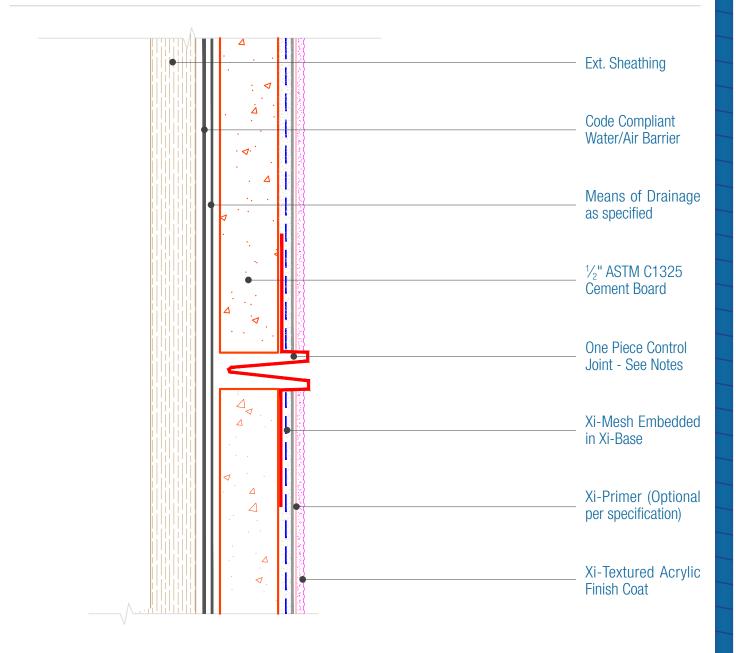
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. There must be continuous airtightness over the entire building enclosure, where required by code. The actual project detail must show this continuity.
- 3. Attach penetrations to structural member.
- 4. Responsibility of the flashing is not necessarily that of the plastering contractor and should be denoted in the contract documents.
- 5. Flashing must be installed with End Dams and be completely watertight



DAFS-Cement Board Assembly Control Joint

Date. 04-15-2021 | Detail. DAFSCB.III.2 v1



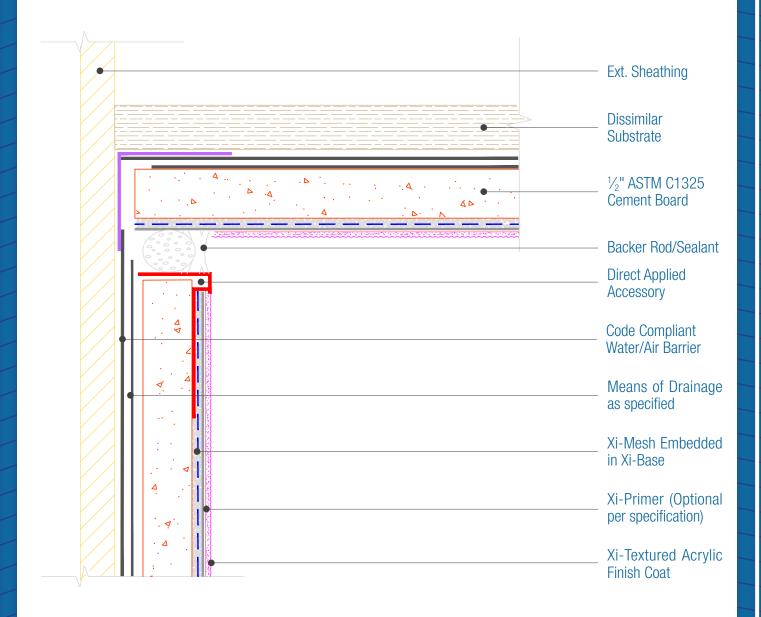
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. There must be continuous airtightness over the entire building enclosure, where required by code. The actual project detail must show this continuity.
- 3. If Sheathing is non structural, additional framing may be needed to attach the cement board.
- 4. Other Termination Accessory profiles are available.



DAFS-Cement Board Assembly Inside Corner Joint

Date. 04-15-2021 | Detail.DAFSCB.III.3 v1



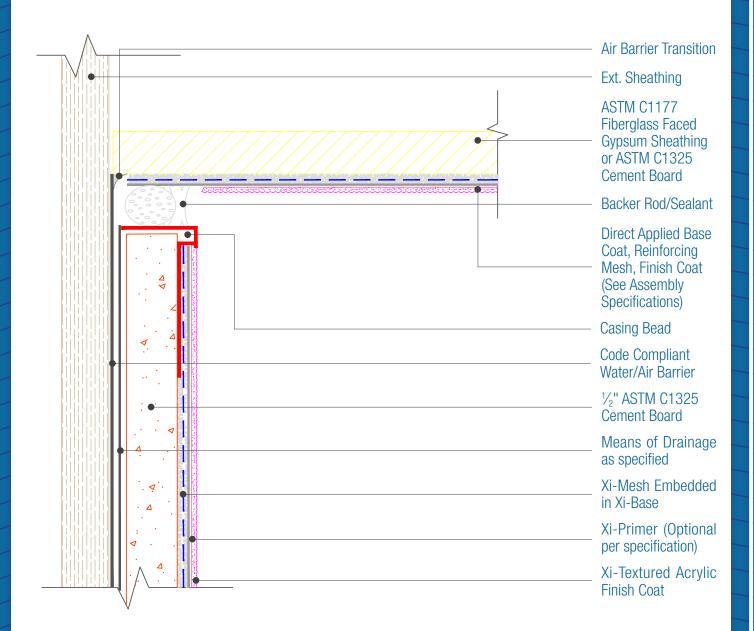
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. There must be continuous airtightness over the entire building enclosure, where required by code. The actual project detail must show this continuity.
- 3. See Specification for Water/Air Barrier Transition Membrane Options.
- 4. Other Termination Accessory profiles are available.



DAFS-Cement Board Assembly Termination into Direct Applied Soffit

Date. 04-15-2021 | Detail.DAFSCB.IV.1 v1



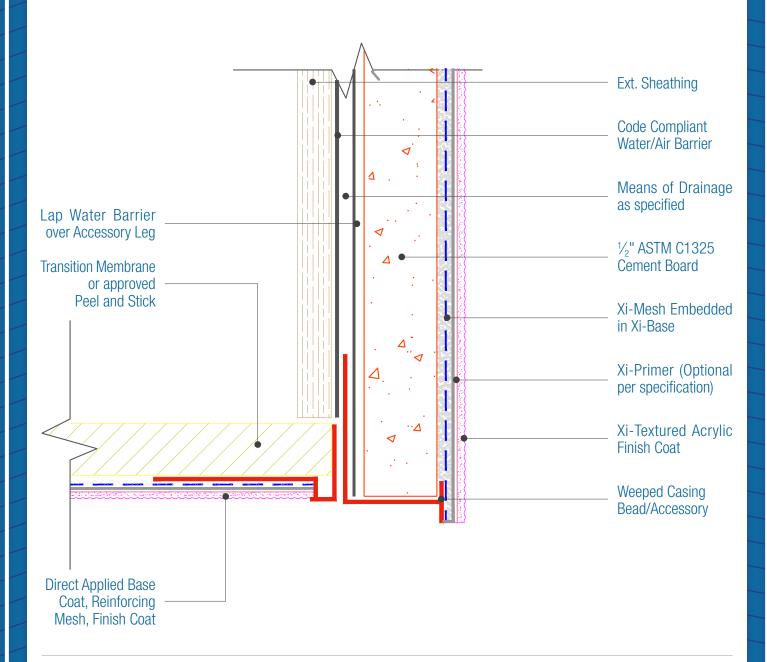
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. There must be continuous airtightness over the entire building enclosure, where required by code. The actual project detail must show this continuity.



DAFS-Cement Board Assembly Fascia Transition to Direct Applied Soffit

Date. 04-15-2021 | Detail. DAFSCB.IV.2 v1



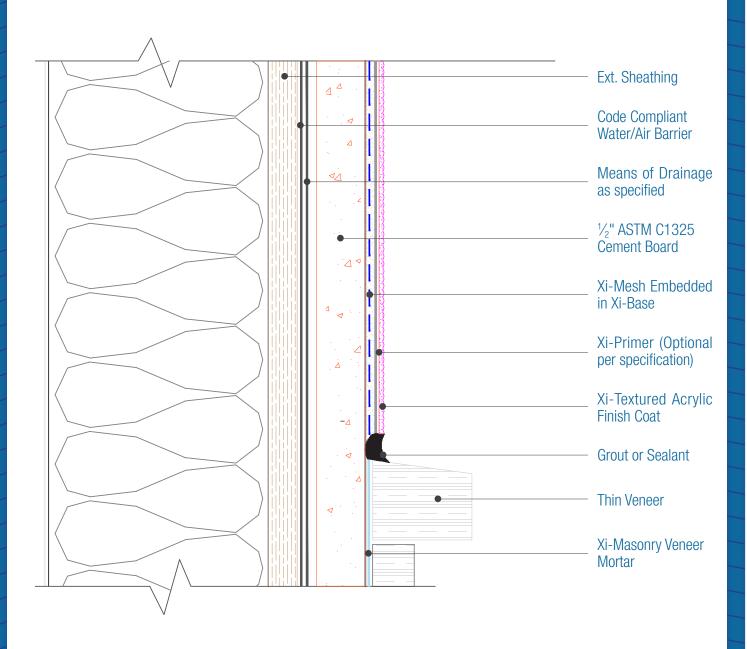
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. There must be continuous airtightness over the entire building enclosure, where required by code. The actual project detail must show this continuity.
- 3. The Fascia can drain either by wrapping the Water/Air Barrier or Transition Membrane into the Weeped Track or by draining between the Fascia and the Soffit PVC



DAFS-Cement Board Assembly Transition to Adhered Veneer

Date. 04-15-2021 | Detail.DAFSCB.IV.3 v1



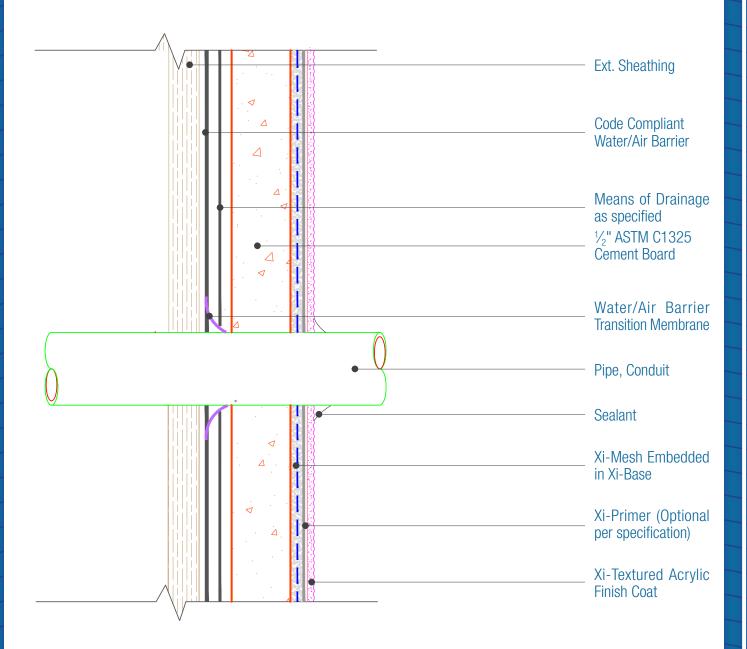
NOTES:

1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.



DAFS-Cement Board Assembly Pipe/Conduit Penetration

Date. 04-15-2021 | Detail. DAFSCB.V.1 v1



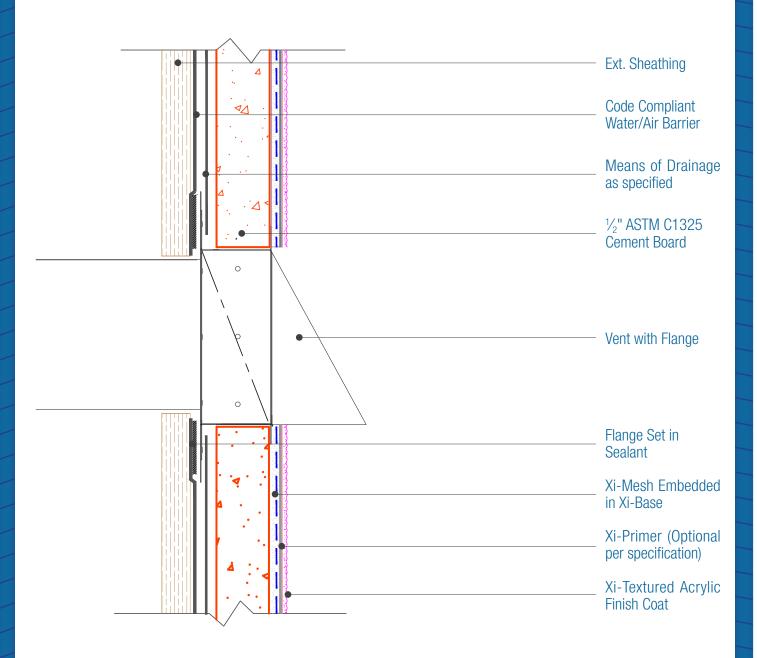
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. Pipe should be installed prior to the Cladding and the Water /air barrier transition membrane wrapped onto the pipe to create a water/air tight seal.
- 3. See Specification for Water/Air Barrier Transition Membrane Options.



DAFS-Cement Board Assembly Vent Attachment

Date. 04-15-2021 | Detail. DAFSCB.V.2 v1



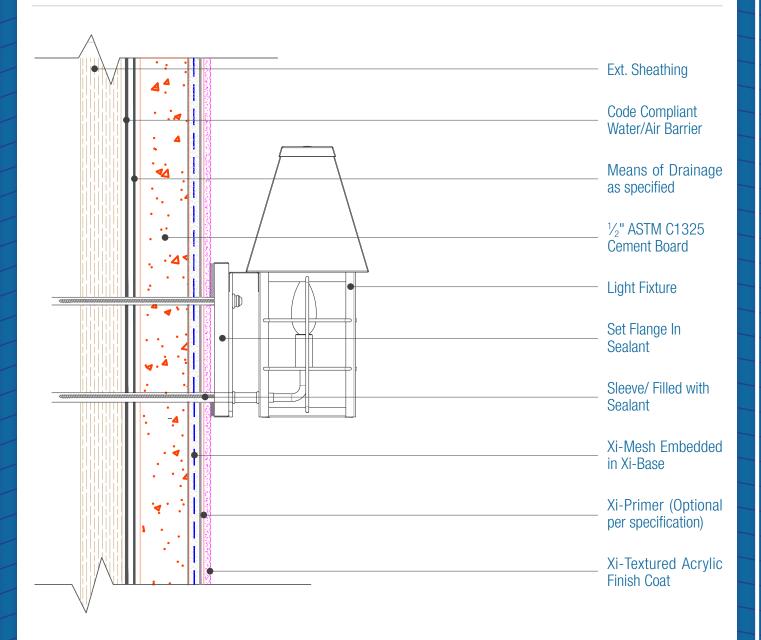
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. Attach penetrations to structural member.



DAFS-Cement Board Assembly Fixture Attachment

Date. 04-15-2021 | Detail. DAFSCB.V.3 v1



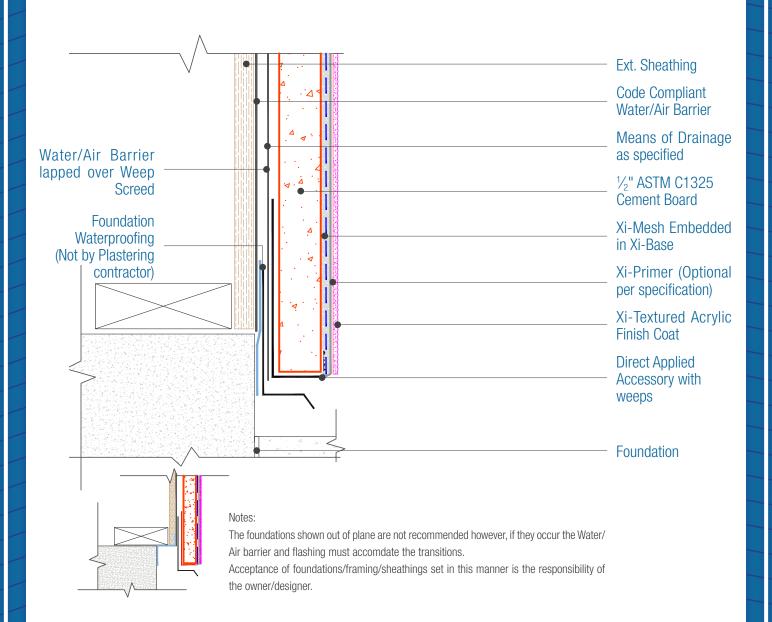
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. Attach penetrations to structural member.



DAFS-Cement Board Assembly Foundation

Date, 04-15-2021 | Detail, DAFSCB, VI, 1 v1



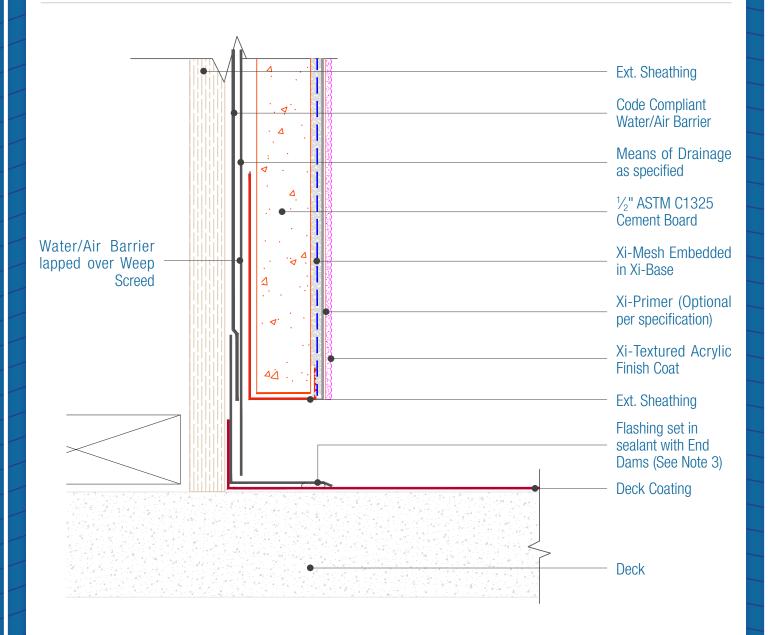
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. Drainage must be continuous either behind the accessory or into a weeped track.
- 3. Assembly Termination: Minimum 4" above earth, 2" above sidewalk.
- 4. Responsibility of the flashing is not necessarily that of the plastering contractor and should be denoted in the contract documents.



DAFS-Cement Board Assembly Deck

Date. 04-15-2021 | Detail. DAFSCB.VI.2 v1



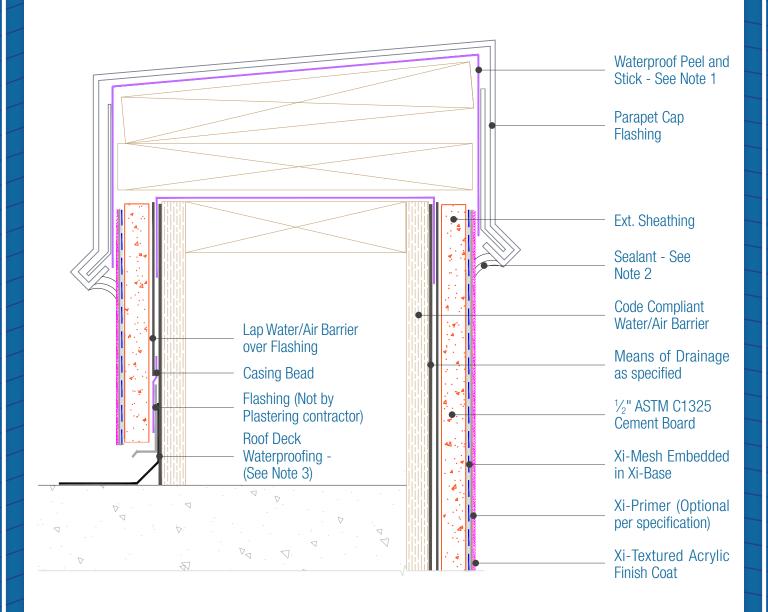
NOTES:

- 1. The Water/Air Barrier, means of drainage and installation of those materials is by others, they are shown for the clarity of the FXI materials only. For a full Cement Board Assembly See FXI WaterShield-CB Assembly.
- 2. See project specifications for approved water/air barrier and transition membranes.
- 3. The flashing is not typically installed by the Plastering Contractor. Responsibility should be determined before construction.
- 4. Flashing must be watertight, and include end dams if applicable. If the flashing is not installed, backer rod and sealant with weeps is required.



DAFS-Cement Board Assembly Parapet

Date. 04-15-2021 | Detail. DAFSCB.VI.1 v1



NOTES:

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- 2. Sealant should be omitted if the Parapet assembly must drain at this location.
- 3. Responsibility of the flashing is not necessarily that of the plastering contractor and should be denoted in the contract documents.

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