



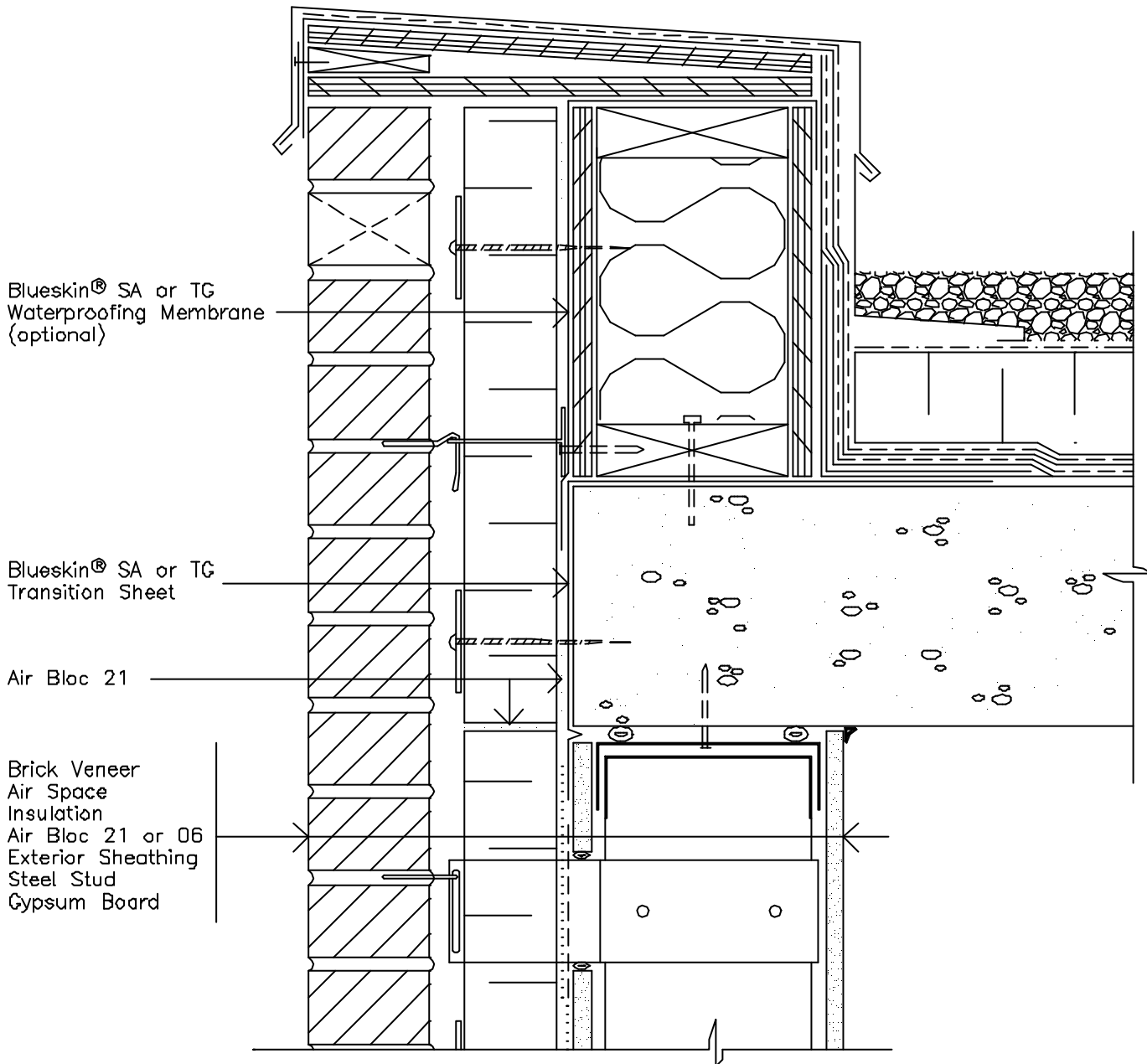
Blueskin® SA or TG

Air Bloc 21

1/2" Veneer
Space
Insulation
Blueskin® SA or TG
1/2" Masonry Unit
Board

Architectural Details

BAKOR



Notes

1. Blueskin® AG, SA or TG can be used as a transition sheet on all Air Bloc 06 and 21 systems as well as all Air Bloc 07 and 31 systems.
2. Typical application sequence is to install the Blueskin® membrane first, followed by the Air Bloc liquid membrane.
3. Where large gaps occur in exterior sheathing around brick ties, use Air Bloc 21 to seal followed by reinforcing tape. Alternately, use a Blueskin® SA patch extending 75mm (3") around tie and seal all edges with Air Bloc 21.

Air Bloc 21 or 06

PARAPET DETAIL

BRICK VENEER/ STEEL STUD WALL

Scale: N.T.S.

Plot: 1:5

Issued: 08-14-97

Revision: 04

AB-1B96

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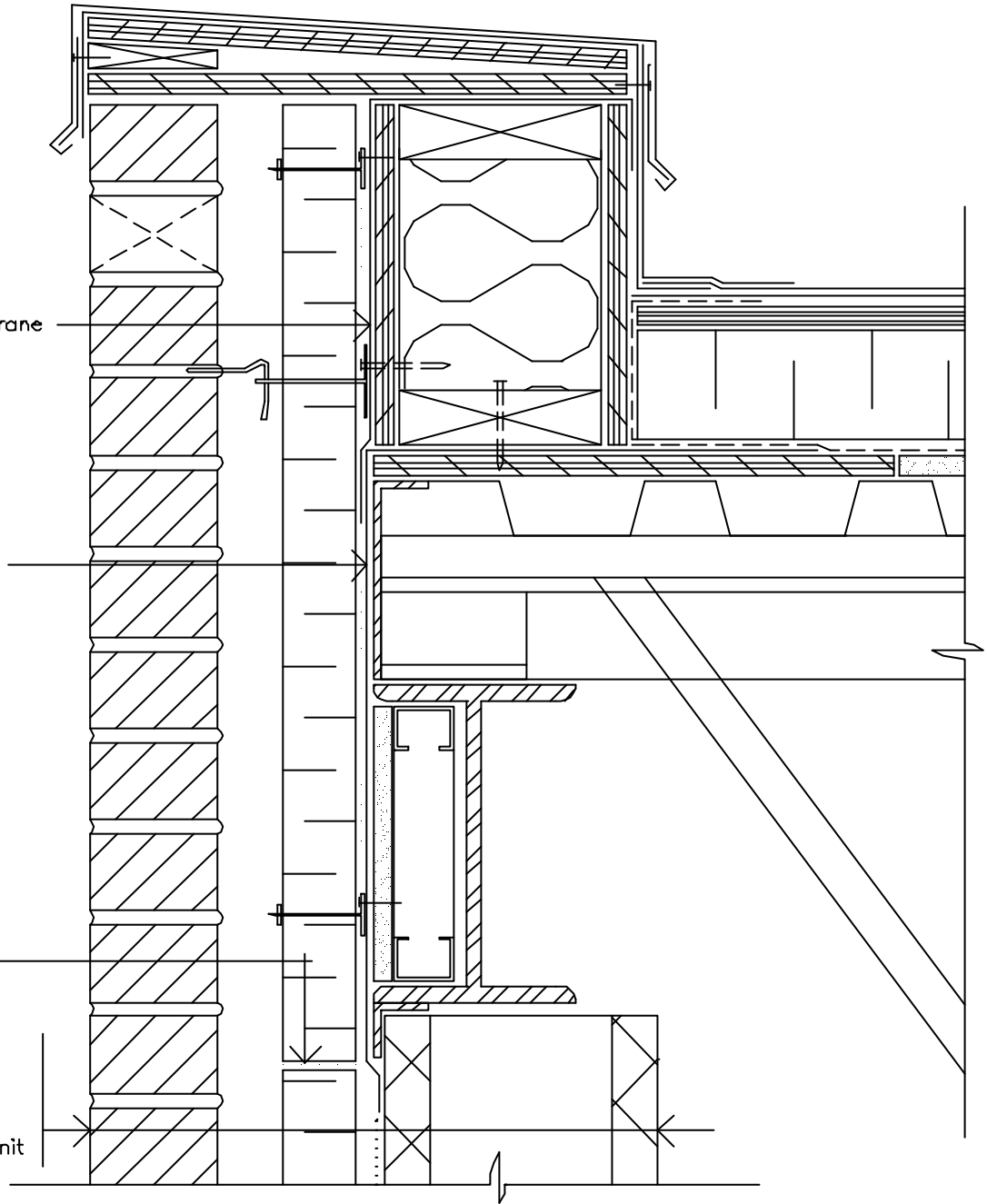
284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd Gauran, Ville St. Pierre, PQ H8R 1N7

Blueskin® SA or TG
Waterproofing Membrane
(optional)

Blueskin® SA or TG
Transition Sheet

Air Bloc 21

Brick Veneer
Air Space
Insulation
Air Bloc 21 or 06
Concrete Masonry Unit



Notes

1. The Blueskin® membrane extending over the parapet exterior is for waterproofing only.
2. Blueskin® self-sealing when self-taping fastening systems are used. Pre-drilling requires special treatment. Contact Bakor Inc.
3. Air barriers should be continuously supported throughout the building envelope. Use galvanized sheet metal, exterior sheathing or other method to provide support around the perimeter of steel deck assemblies.

Air Bloc 21 or 06

PARAPET DETAIL

BRICK VENEER/ CONC. BLOCK WALL

Scale: N.T.S.

Plot: 1:5

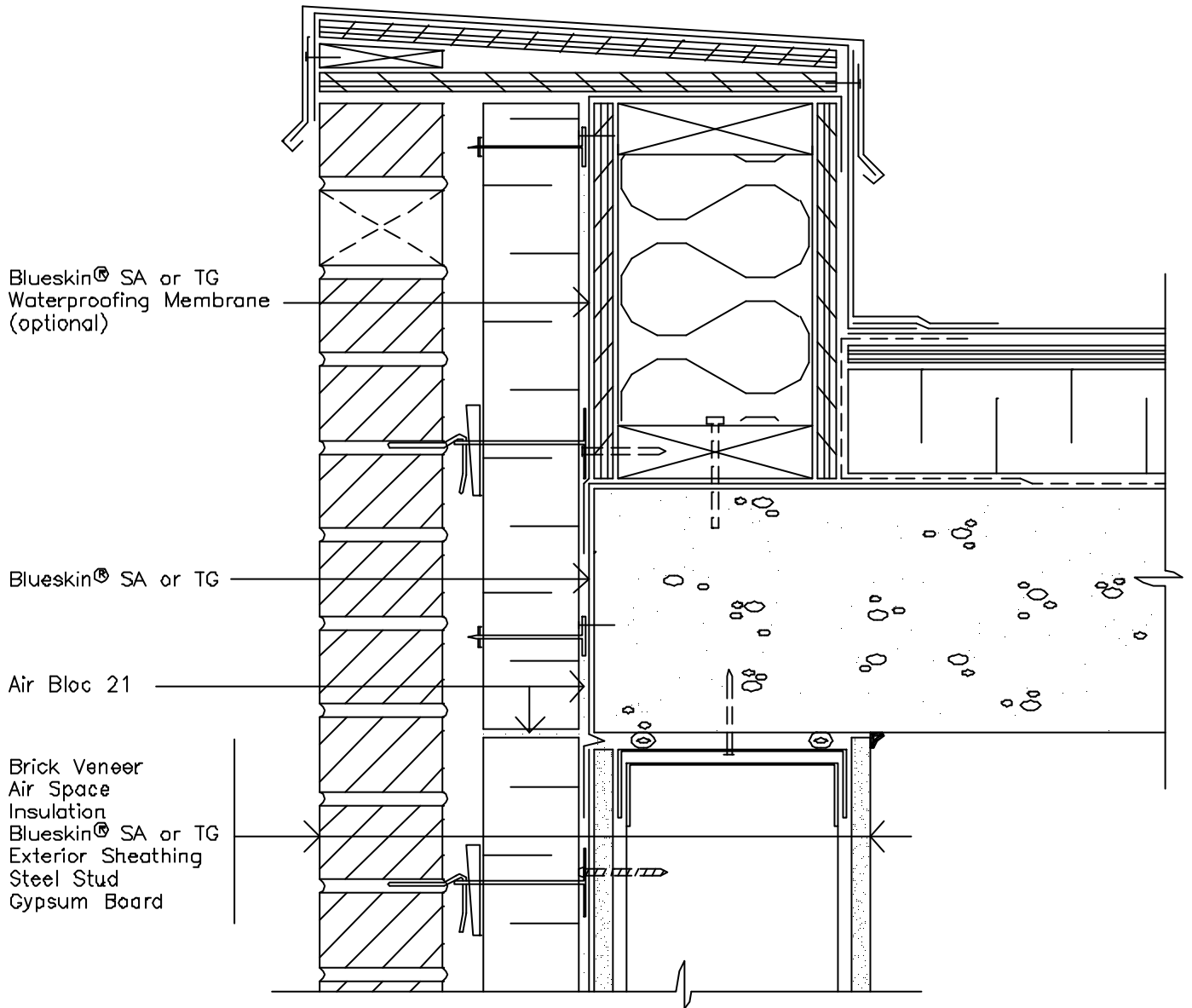
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AB-2B96

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284 Watline Ave., Mississauga, ON L4Z 1P4
1D Blvd. Gauran, Ville St. Pierre, PQ H8R 1N7



Notes

1. When Blueskin® membranes are used for the air/vapour barrier, it is preferable to install the brick-tie system after the Blueskin® is installed. This helps assure continuity and significantly reduces installation time.
2. Air Bloc 21 is applied by notched trowel or in a serpentine pattern to the back of the insulation panels to restrict air movement. Joints are also buttered. See Guide specifications. See details AB-8B96 and AB-9B96 for notes regarding mechanical fasteners.
3. The transition membrane from wall to roof assembly should be tied-in to the roof air/vapor barrier. Ensure compatibility. Contact Bakor for recommendations.

Blueskin® SA or TG

PARAPET DETAIL

BRICK VENEER/ STEEL STUD WALL

Scale: N.T.S.

Plot: 1:5

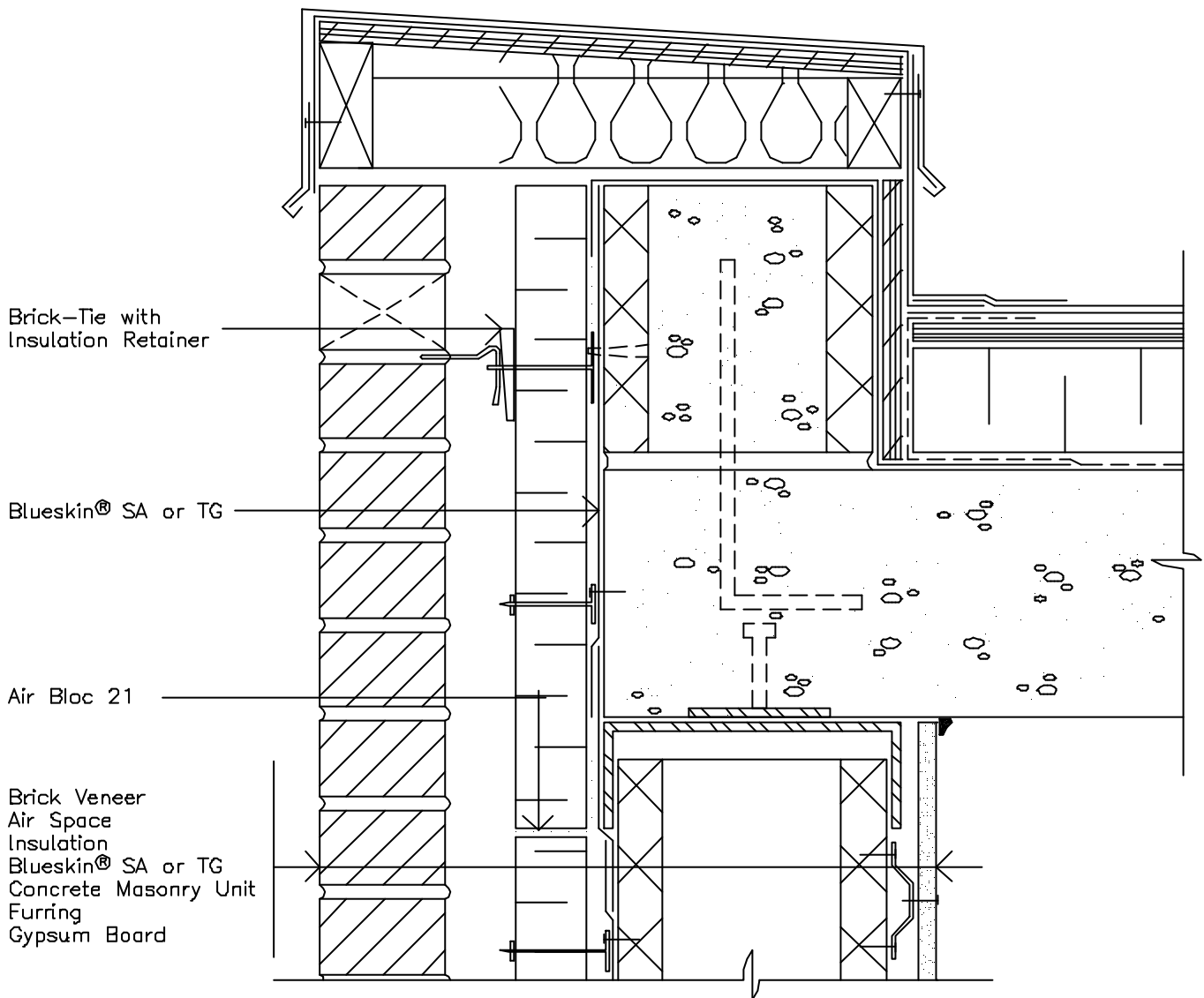
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AB-3B96

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10 Blvd Gauran, Ville St. Pierre, PQ H8R 1N7



Notes

1. Blueskin® SA is self-sealing when self-taping fastening systems are used. Pre-drilling requires special treatment. Contact Baker Inc.
2. The transition membrane from wall to roof assembly should be tied-in to the roof air/vapor barrier. Ensure compatibility. Contact Baker Inc. for recommendations.
3. Baker Inc. recommends that a pre-start up meeting be held between general contractor and sub-trades to co-ordinate application of membranes at transition areas such as wall-to-roof, wall-to-window, etc.
4. Apply Blueskin® membranes in shingle fashion whenever possible.

Blueskin® SA or TG

PARAPET DETAIL

BRICK VENEER/ CONC. BLOCK WALL

Scale: N.T.S.

Plot: 1:5

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Revision: 04

AB-4B96

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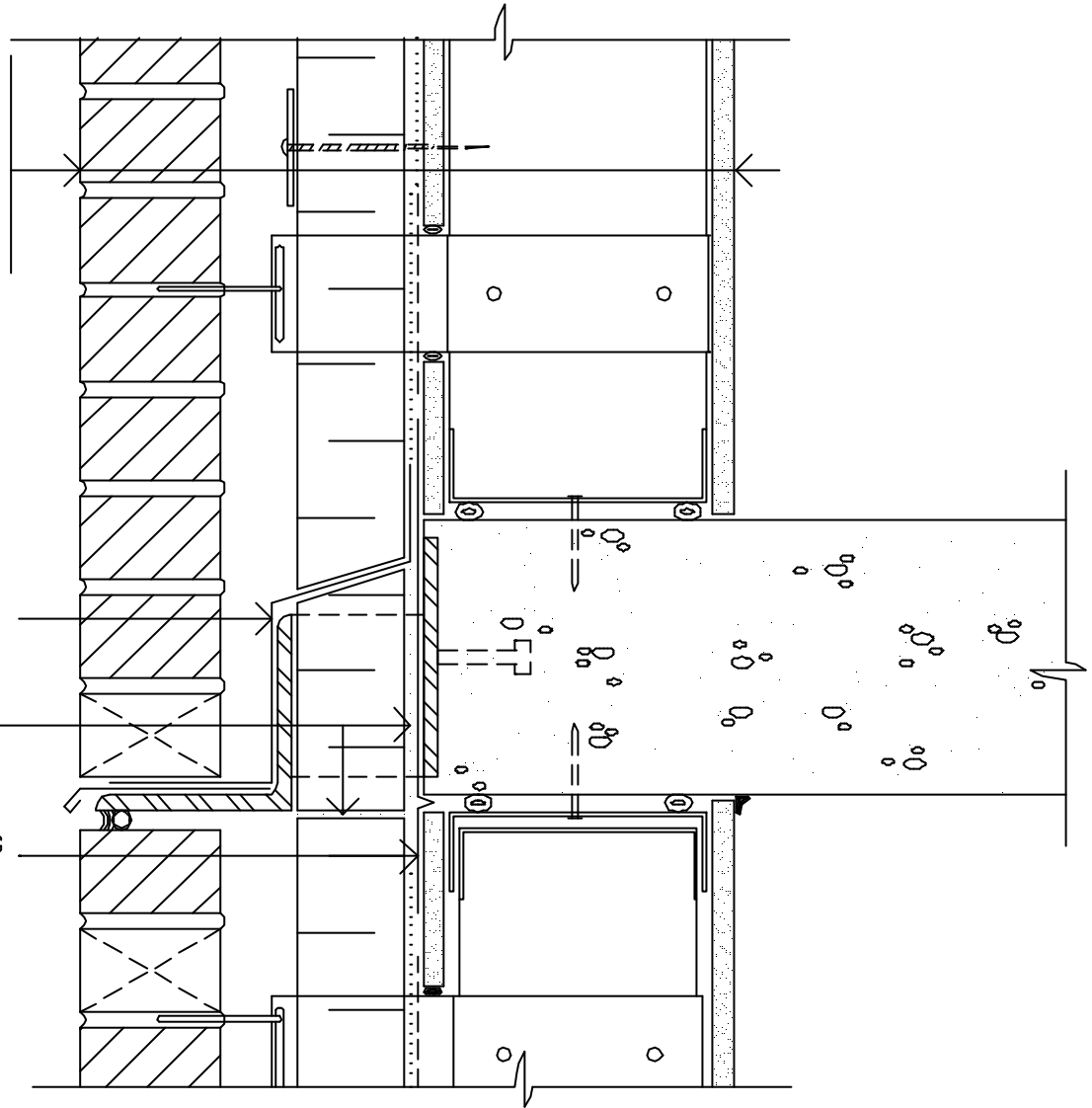
284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

Brick Veneer
Air Space
Insulation
Air Bloc 21 or 06
Exterior Sheathing
Steel Stud
Gypsum Board

Blueskin® AG
Thru-Wall Flashing
Sheet

Air Bloc 21

Blueskin® SA or AG
Transition Sheet



Notes

1. Blueskin® AG is used for thru-wall flashing applications. Blueskin® AG is adhered with Air Bloc 21 while Blueskin® SA is set in Blueskin® Primer. Refer to data sheets for complete details.
2. Stop Blueskin® flashing membrane back from exterior face of veneer. Extend drip edge using prepainted metal to suit.
3. Circular plastic disc fasteners may be secured through the insulation to the studs if required. Contact insulation manufacturer for specific recommendations.
4. An alternative detail for the thru-wall flashings includes extending the membrane across the top of the floor slab prior to installing the lower track. Turn membrane up face of track prior to fastening interior gypsum board.

Air Bloc 21 or 06

SHELF ANGLE DETAIL

BRICK VENEER/ STEEL STUD WALL

Scale: N.T.S.

Plot: 1:5

Issued: 08-14-97

Revision: 03

AB-5B96

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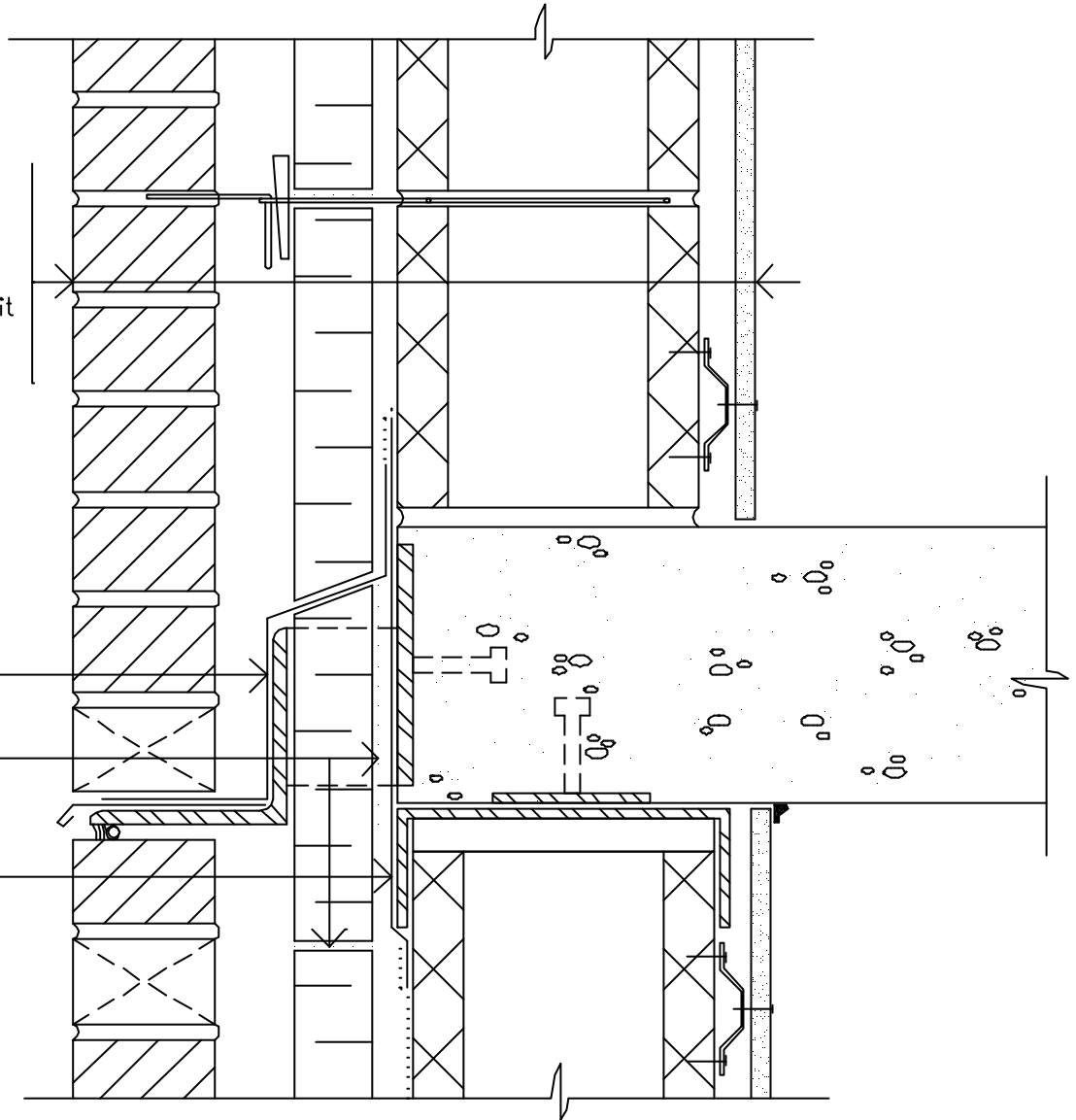
284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

Brick Veneer
 Air Space
 Insulation
 Air Bloc 21 or 06
 Concrete Masonry Unit
 Furring
 Gypsum Board

Blueskin® AG
 Thru-Wall Flashing
 Sheet

Air Bloc 21

Blueskin® SA or AG
 Transition Sheet



Notes

1. Blueskin® AG is used for thru-wall flashing applications. Blueskin® AG is adhered with Air Bloc 21 while Blueskin® SA is set in Blueskin® Primer. Refer to data sheets for complete details.
2. Stop Blueskin® membrane flashing back from exterior face of veneer. Extend drip edge using prepainted metal to suit.

Air Bloc 21 or 06

SHELF ANGLE
 DETAIL

BRICK VENEER/ CONC. BLOCK WALL

Scale: N.T.S.

Plot: 1:5

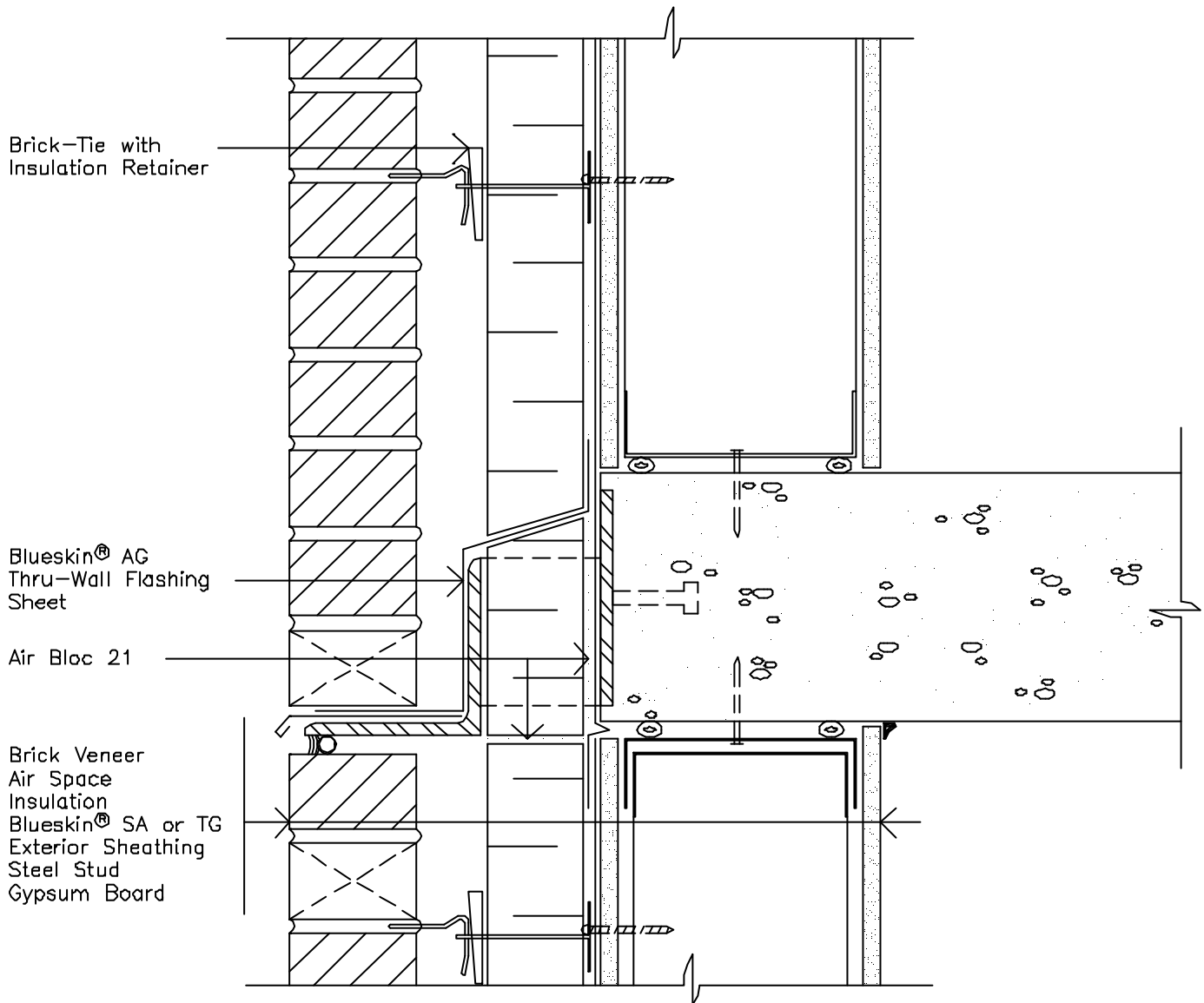
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Revision: 04

AB-6B96

BAKOR

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 10 blvd. Gauran, Ville St Pierre, PQ H8R 1N7



Notes

1. Blueskin® AG is preferred as the thru-wall flashing membranes due to its thinner profile compared to Blueskin® TG (1.2mm vs. 2.5mm).
2. Blueskin® is self-sealing when self-taping fastening systems are used. Pre-drilling requires special treatment. Contact Bakor Inc.
3. When Blueskin® membranes are used for the air/vapour barrier, it is preferable to install the brick-tie system after the Blueskin® is installed. This helps assure continuity and significantly reduces installation time.
4. An alternative detail for the thru-wall flashings includes extending the membrane across the top of the floor slab prior to installing the lower track. Turn membrane up face of track prior to fastening interior gypsum board.

Blueskin® SA or TG

SHELF ANGLE
DETAIL

BRICK VENEER/ STEEL STUD WALL

Scale: N.T.S.

Plot: 1:5

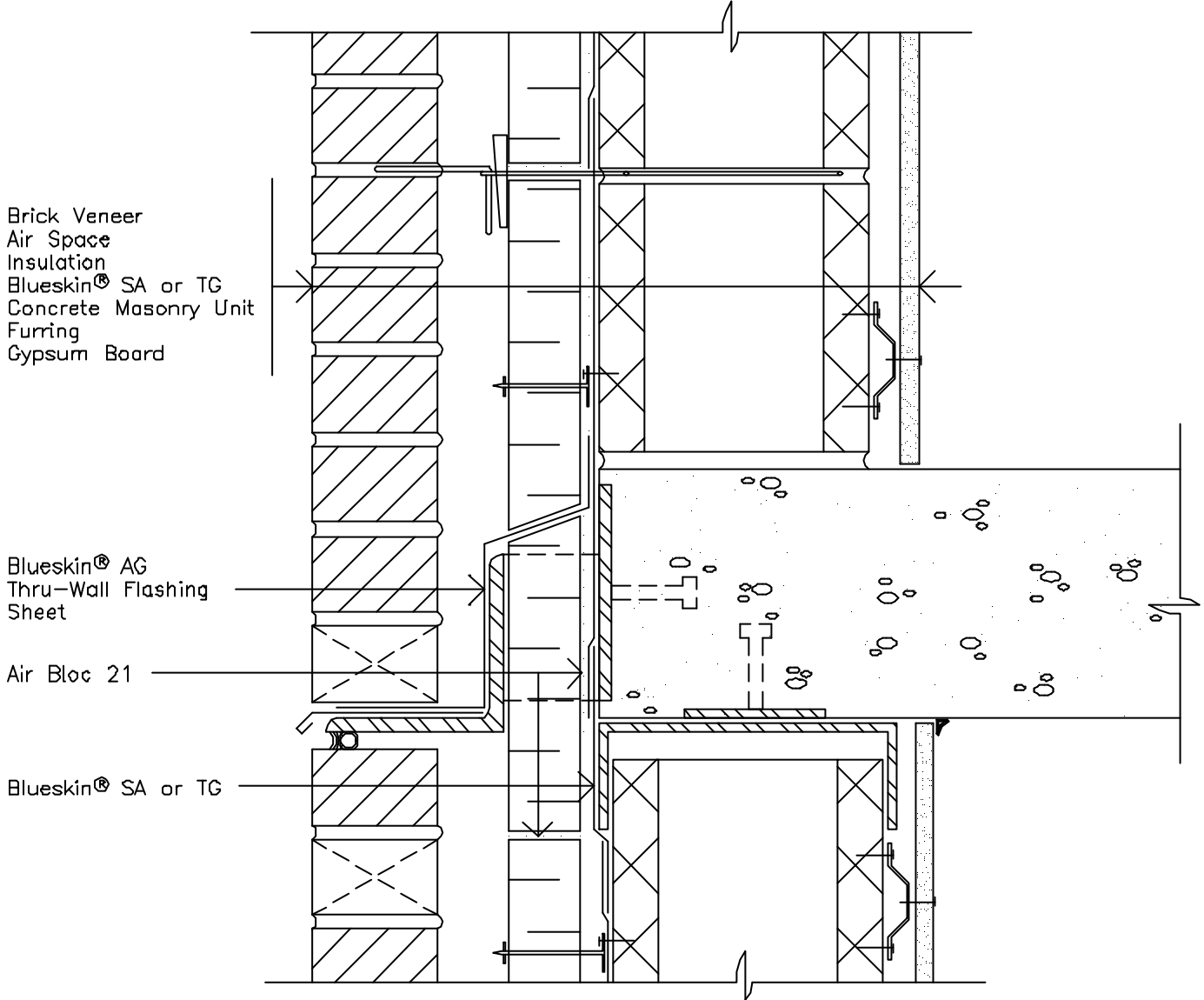
Issued: 08-14-97

Revision: 04

AB-7B96

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauran, Ville St Pierre, PQ H8R 1N7



Notes

1. Blueskin® AG is preferred as the thru-wall flashing membranes due to its thinner profile compared to Blueskin® TG (1.2mm vs. 2.5mm).
2. Insulation must be held in tight contact with the air/vapour barrier. "Stick-clips" are heated and pressed into the Blueskin® membrane. The insulation is installed followed by a one-way washer being applied to the "stick-pin". Alternately, insulation boards may be restrained using plastic wedges inserted in the brick tie system. Contact insulation manufacturer for specific recommendations.
3. When the brick-tie system is installed prior to the Blueskin®, the membrane is cut, fitted and sealed with Air Bloc 21 around each tie projection. A 50mm(2") lap is needed over the ties.

Blueskin® SA or TG
SHELF ANGLE
DETAIL
BRICK VENEER/ CONC. BLOCK WALL

Scale: N.T.S.

Plot: 1:5

Issued: 08-14-97

Revision: 04

AB-8B96

BAKOR

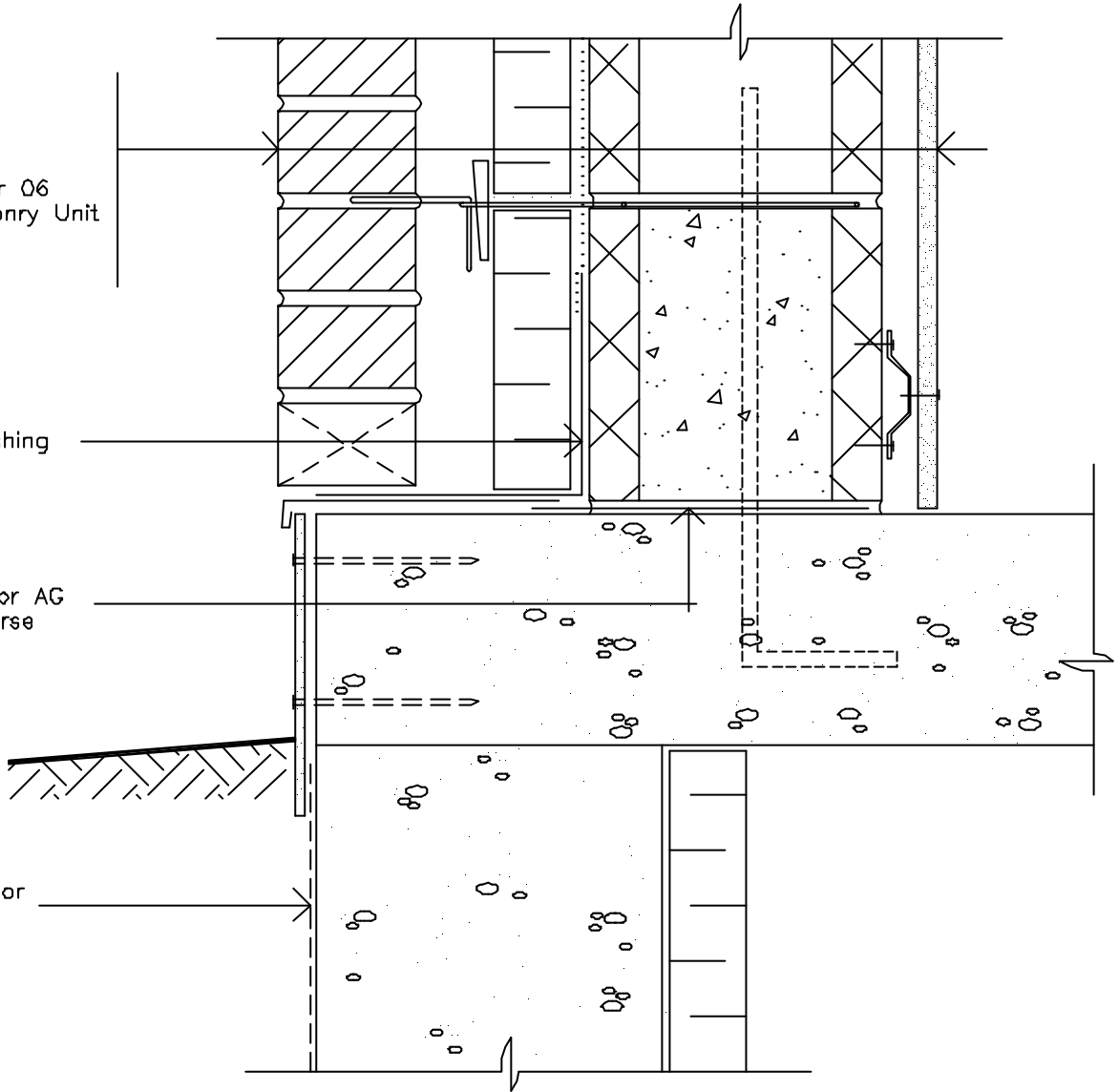
284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauran, Ville St Pierre, PQ H8R 1N7

Brick Veneer
 Air Space
 Insulation
 Air Bloc 21 or 06
 Concrete Masonry Unit
 Furring
 Gypsum Board

Blueskin® AG
 Thru-Wall Flashing
 Sheet

Blueskin® SA or AG
 Damproof Course

Waterproofing or
 Damproofing



Notes

1. Plastic restraining wedges may be used as a supplementary attachment method for the insulation. Contact insulation manufacturer for specific recommendations.
2. Contact Bakor Inc. for waterproofing or damproofing specifications.

Air Bloc 21 or 06
**FOUNDATION
 DETAIL**
 BRICK VENEER/ CONG. BLOCK WALL

Scale: N.T.S.

Plot: 1:5

Issued: 08-14-97

Revision: 04

AB-9B96

BAKOR

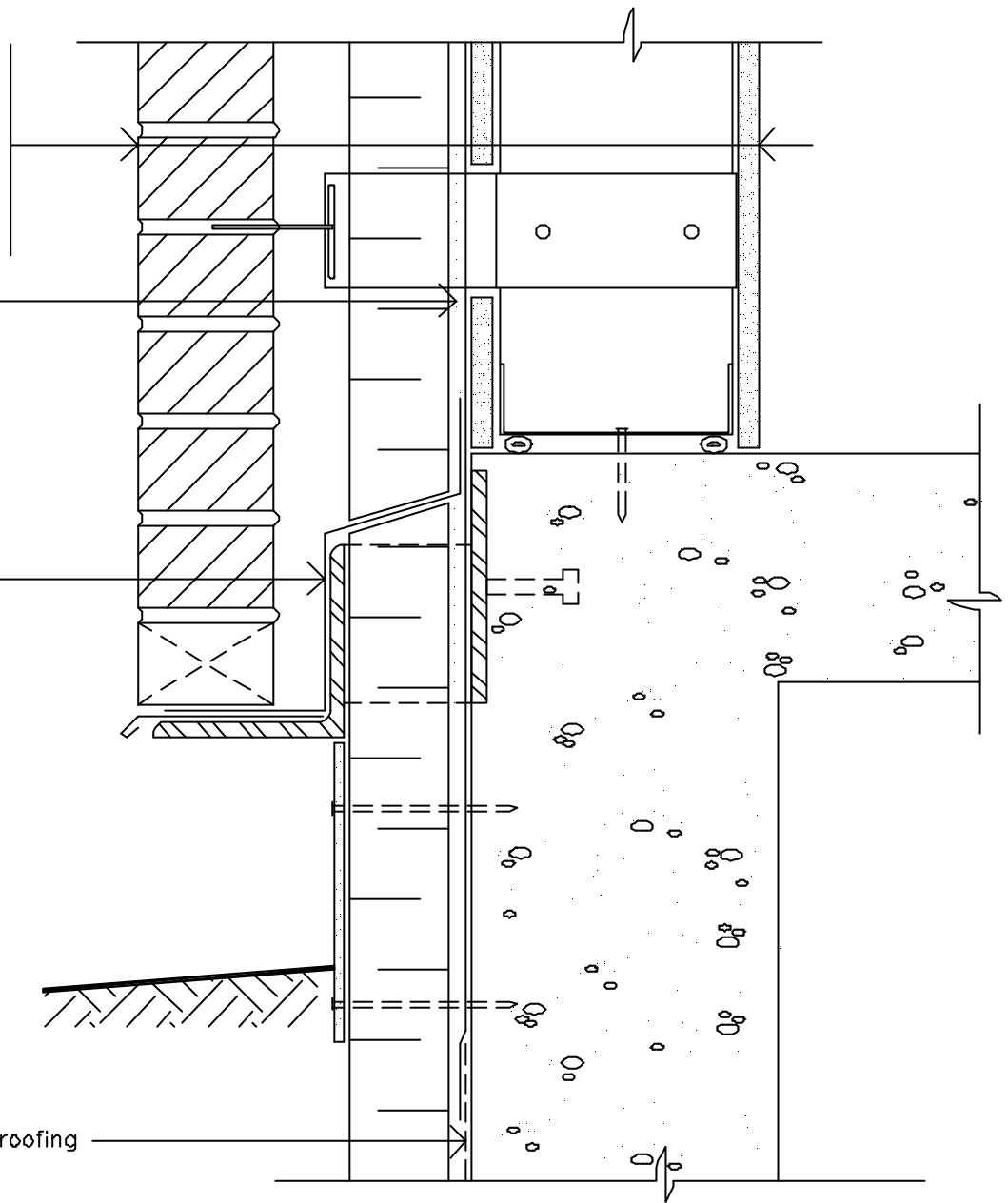
284 Watline Ave., Mississauga, ON L4Z 1P4
 10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

Brick Veneer
 Air Space
 Insulation
 Blueskin® SA or TG
 Exterior Sheathing
 Steel Stud
 Gypsum Board

Air Bloc 21

Blueskin® AG
 Thru-Wall Flashing
 Sheet

Waterproofing or Dampproofing



Notes

1. Blueskin® AG are used for thru-wall flashing applications. Blueskin® AG is adhered with Air Bloc 21 while Blueskin® SA is set in Blueskin® Primer. Refer to data sheets for complete details.
2. Integrate wall air/vapor barrier system with foundation waterproofing system. Ensure compatibility. Contact Baker Inc. for recommendations.
3. When the brick-tie system is installed prior to the Blueskin®, the membrane is cut, fitted and sealed with Air Bloc 21 around each tie.
4. An alternative detail for the thru-wall flashings includes extending the membrane across the top of the floor slab prior to installing the lower track. Turn membrane up face of track prior to fastening interior gypsum board.

Blueskin® SA or TG
 FOUNDATION
 DETAIL
 BRICK VENEER/ STEEL STUD WALL

Scale: N.T.S

Plot: 1:5

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Revision: 03

AB-10B96

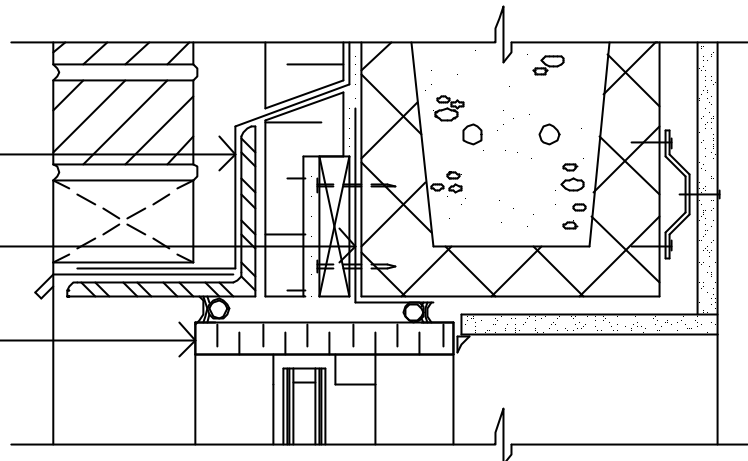
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 10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

Blueskin® AG
Thru-Wall Flashing
Sheet

Blueskin® SA or AG
Transition Sheet

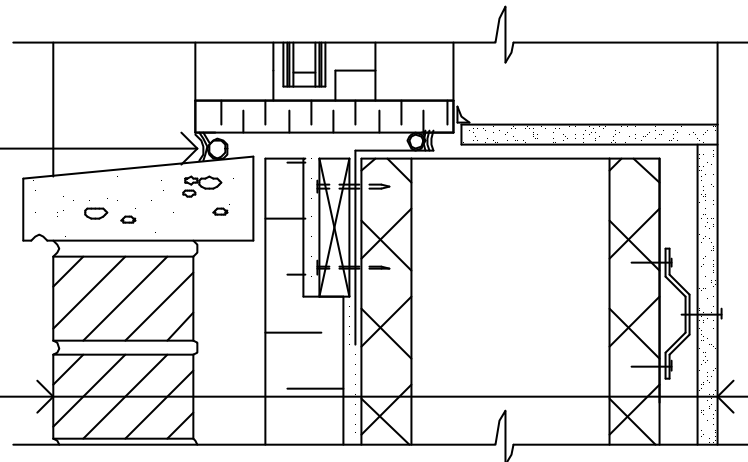
Factory Insulated
Window Frame



Head

Sealant and
Backer-Rod

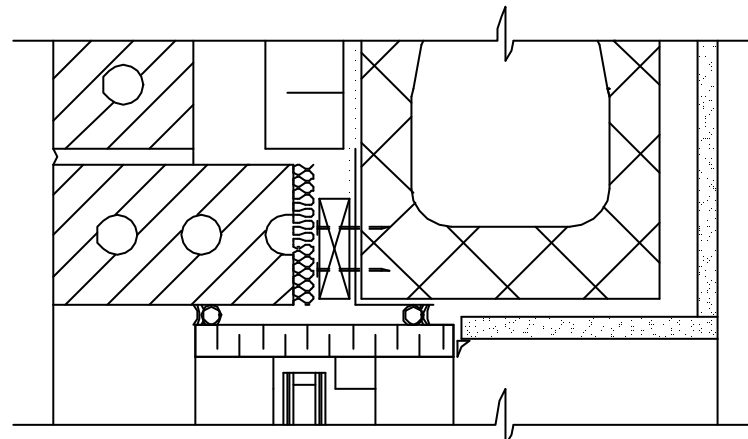
Brick Veneer
Air Space
Insulation
Air Bloc 21 or 06
Concrete Masonry Unit
Furring
Gypsum Board



Sill

Notes

1. A continuous plane of air tightness is achieved when the window, window frame and air/vapour barrier are well integrated. There are several possibilities for window attachment. Contact Baker Inc. for specific recommendations.



Jamb

Air Bloc 21 or 06

WINDOW A DETAILS

BRICK VENEER/ CONC. BLOCK WALL

Scale: N.T.S.

Plot: 1:5

Issued: 06-14-97

Revision: 04

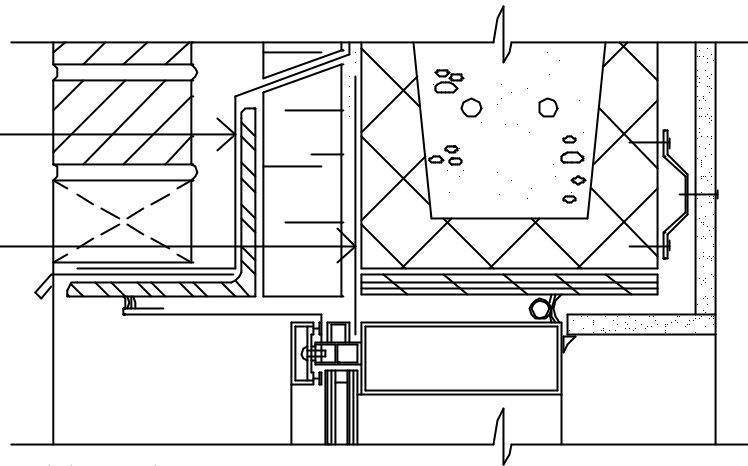
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10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

Blueskin® AG
Thru-Wall Flashing Sheet

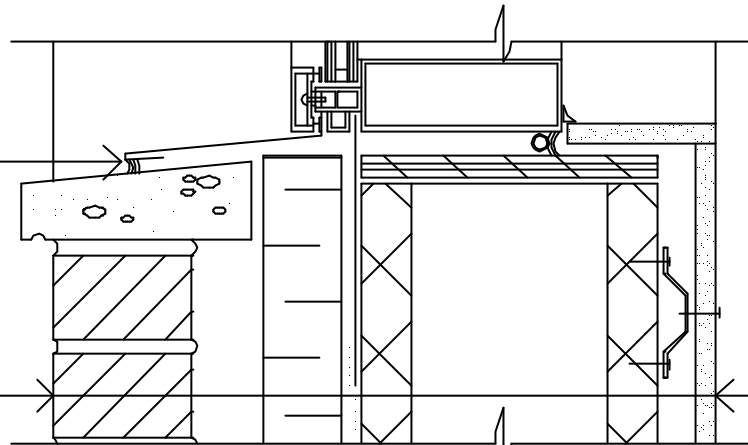
Blueskin® SA or AG
Transition Sheet
(See Note 2)



Head

Sealant

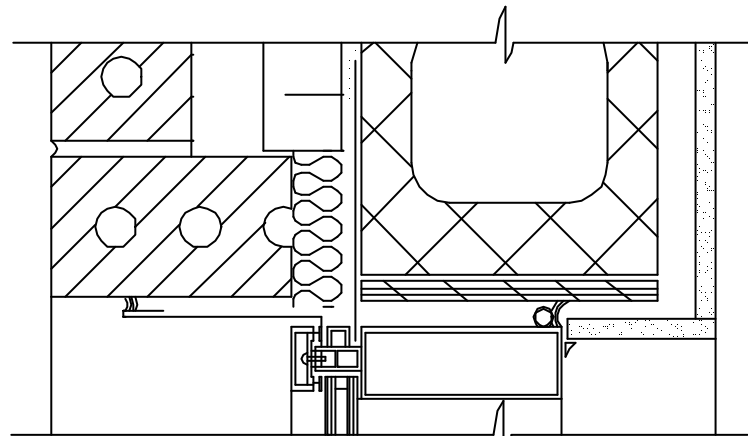
Brick Veneer
Air Space
Insulation
Air Bloc 21 or 06
Concrete Masonry Unit
Furring
Gypsum Board



Sill

Notes

1. A continuous plane of air tightness is achieved when the window, window frame and air/vapour barrier are well integrated.
2. Extend Blueskin® into window frame and clamp tight.
3. Refer to window manufacturers literature for detailed window configurations.



Jamb

Air Bloc 21 or 06

WINDOW B
DETAILS

BRICK VENEER/ CONC. BLOCK WALL

Scale: N.T.S

Plot: 1:5

Issued: 08-14-97

Revision: 04

AB-12B96

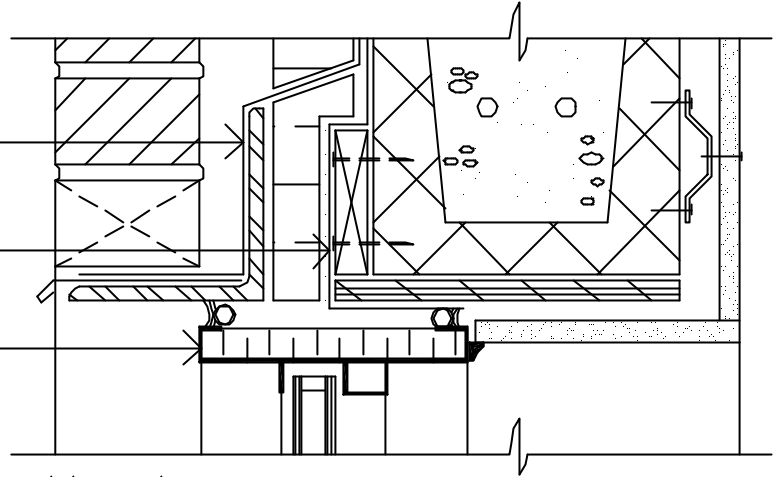
BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

Blueskin® AG
Thru-Wall Flashing Sheet

Blueskin® SA or TG

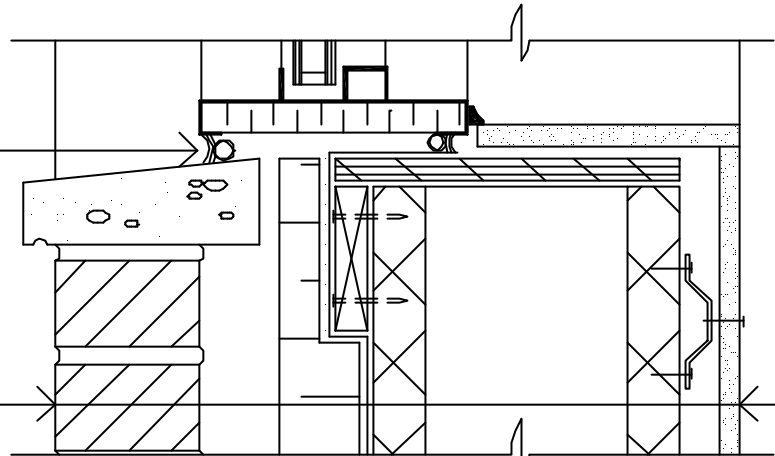
Factory Insulated
Window Frame



Head

Sealant and
Backer-Rod

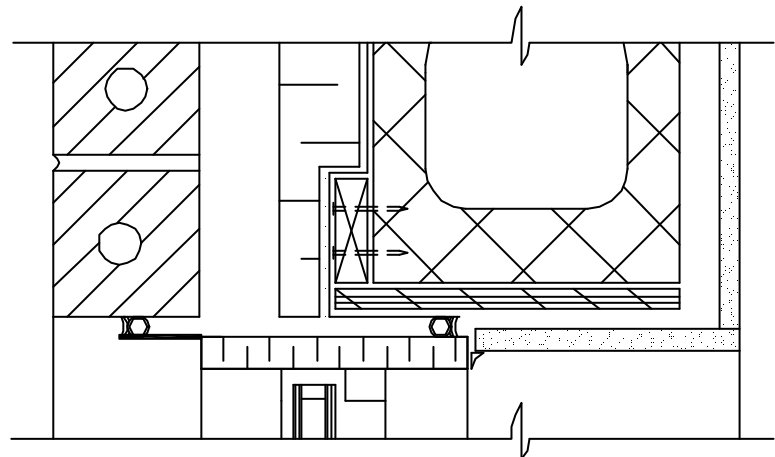
Brick Veneer
Air Space
Insulation
Blueskin® SA or TG
Concrete Masonry Unit
Furring
Gypsum Board



Sill

Notes

1. A continuous plane of air tightness is achieved when the window, window frame and air/vapor barrier are well integrated. There are several possibilities for window attachment. Contact Bakor Inc. for specific recommendations.



Jamb

Blueskin® SA or TG

WINDOW A
DETAILS

BRICK VENEER/ CONC. BLOCK WALL

Scale: N.T.S.

Plot: 1:5

Issued: 08-14-97

Revision: 04

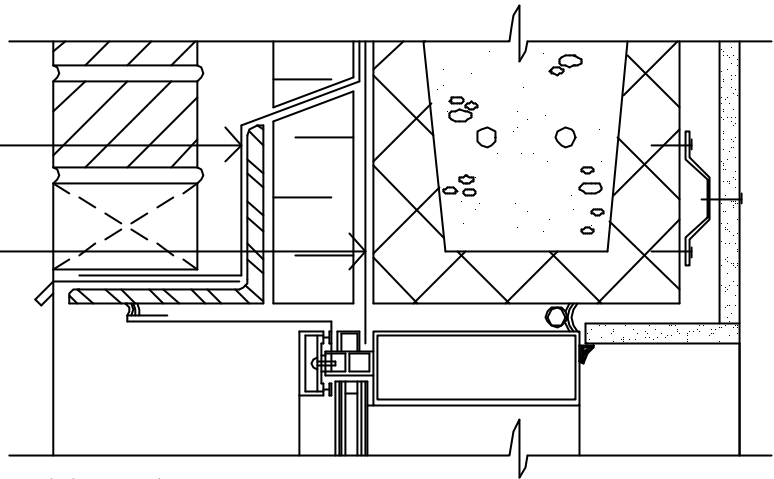
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10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

Blueskin® AG
Thru-Wall Flashing
Sheet

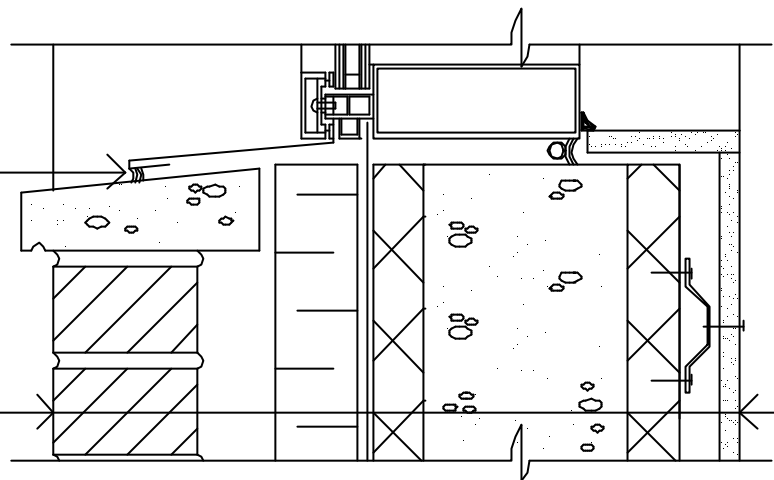
Blueskin® SA or TG
(See Note 2)



Head

Sealant

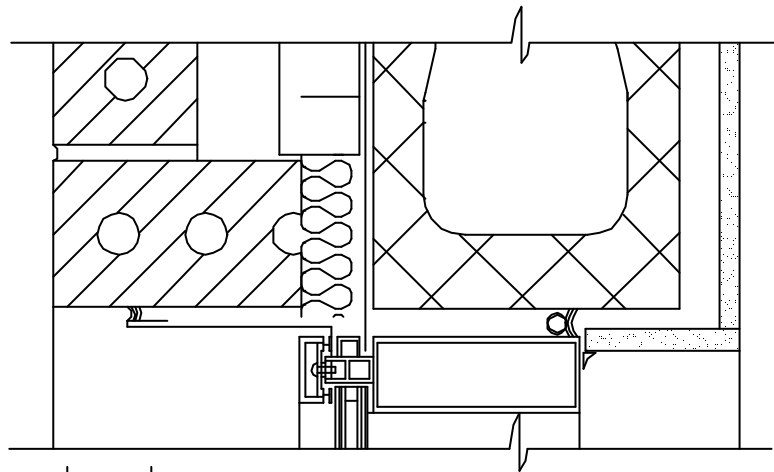
Brick Veneer
Air Space
Insulation
Blueskin® SA or TG
Concrete Masonry Unit
Furring
Gypsum Board



Sill

Notes

1. A continuous plane of air tightness is achieved when the window, window frame and air/vapor barrier are well integrated.
2. Extend Blueskin® into window frame and clamp tight.
3. Refer to window manufacturers literature for detailed window configurations.



Jamb

Blueskin® SA or TG

WINDOW B
DETAILS

BRICK VENEER/ CONC BLOCK WALL

Scale: N.T.S

Plot: 1:5

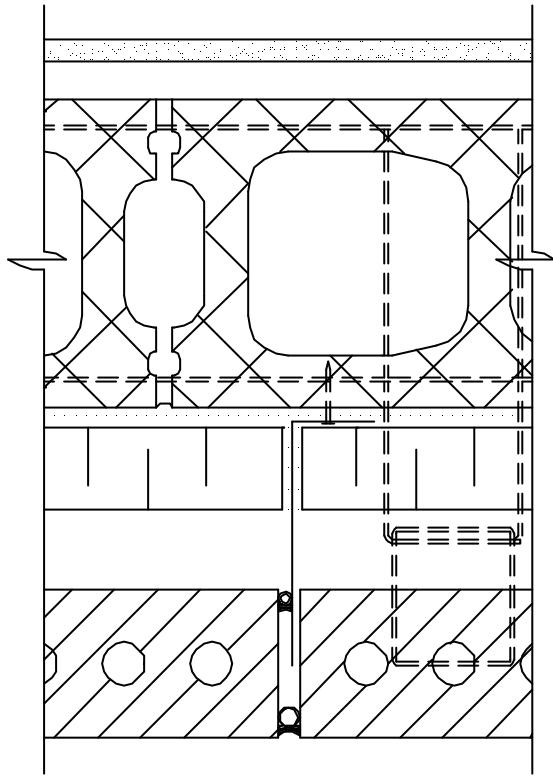
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Revision: 04

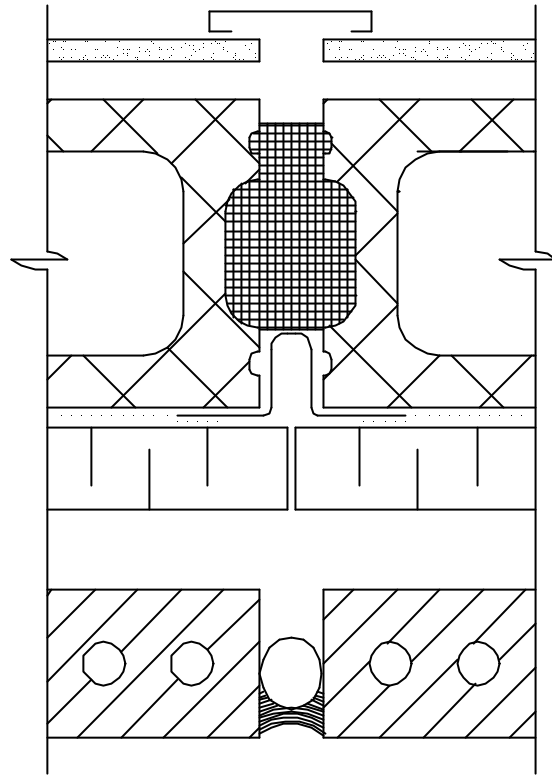
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284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Control Joint



Expansion Joint

Notes

1. No special treatment of the air/vapour barrier is required at control joints. Cavity wall compartmentalization may be achieved using galvanized metal extending floor-to-floor at control joints. Alternately, use mineral wool insulation or a strip of Blueskin[®] AG or SA. Follow local codes.
2. Loop Blueskin[®] membrane into expansion joint. Overlap both sides.

Air Bloc 21 or 06

PLAN DETAILS

BRICK VENEER/ CONC. BLOCK WALL

Scale: N.T.S.

Plot: 1:5

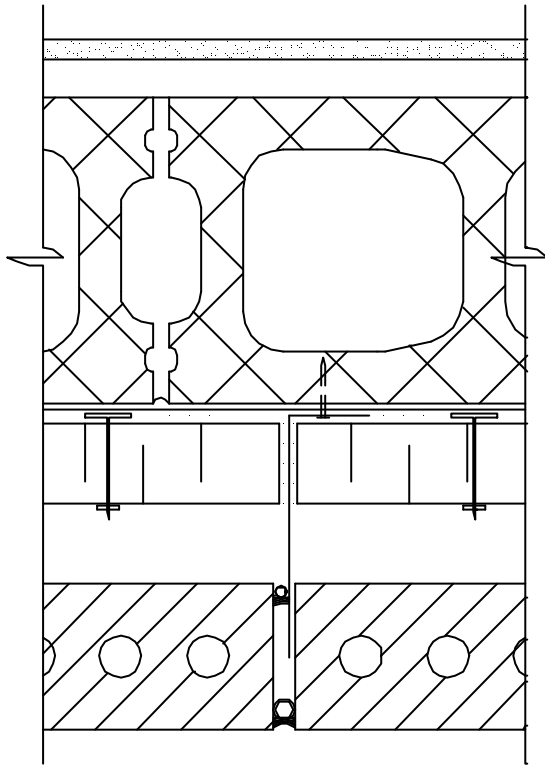
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Revision: 04

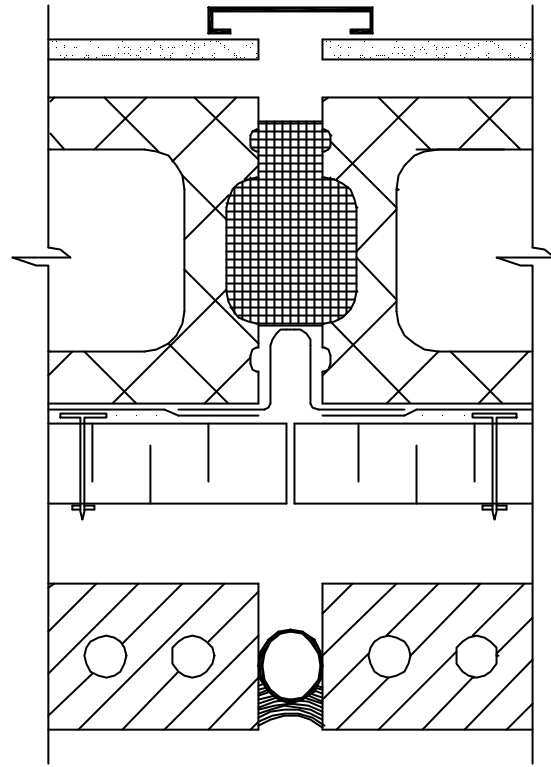
AB-15B96

BAKOR

284 Watline Ave, Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Control Joint



Expansion Joint

Notes

1. No special treatment of the air/vapor barrier is required at control joints. Cavity wall compartmentalization may be achieved using galvanized metal extending floor-to-floor at control joints. Alternately, use mineral wool insulation. Follow local codes.
2. Loop Blueskin® membrane into expansion joint. Overlap both sides.
3. Blueskin® is self-sealing when self-taping fastening systems are used. Pre-drilling requires special treatment. Contact Bakor Inc. for recommendations.

Blueskin® SA or TG

PLAN DETAILS

BRICK VENEER/ CONC. BLOCK WALL

Scale: N.T.S.

Plot: 1:5

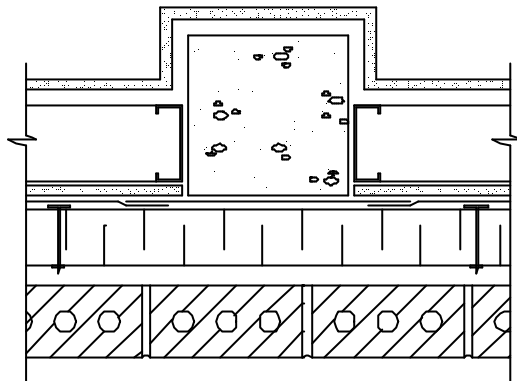
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Revision: 04

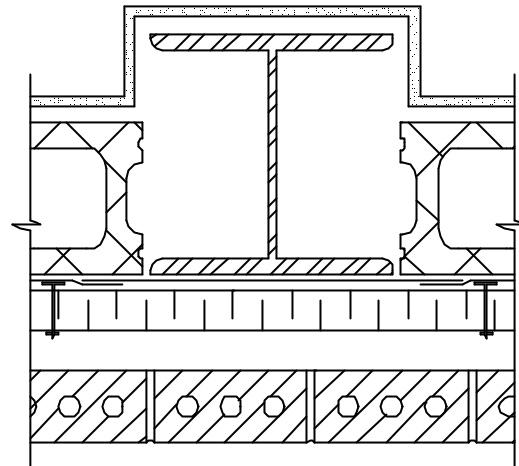
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BAKOR

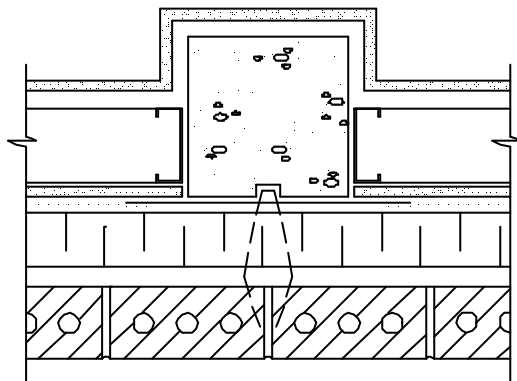
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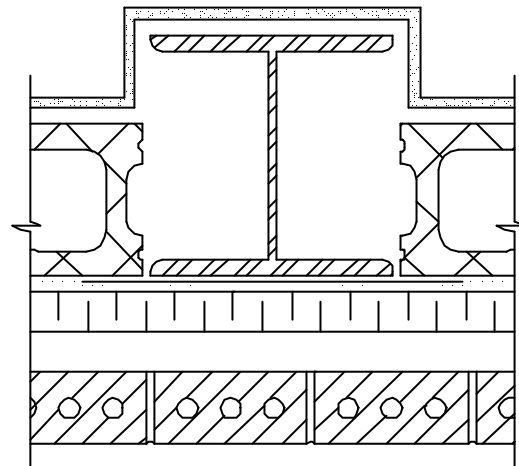
Concrete Column
Blueskin® SA or TG



Steel Column
Blueskin® SA or TG



Concrete Column
Air Bloc 21 or 06



Steel Column
Air Bloc 21 or 06

Notes

1. Use Blueskin® SA or TG as a transition sheet across structural supports at the interface of infill wall components.

Blueskin® SA or TG and
Air Bloc 21 or 06

PLAN DETAILS
BRICK VENEER/ MISC. WALL

Scale: N.T.S.

Plot: 1:10

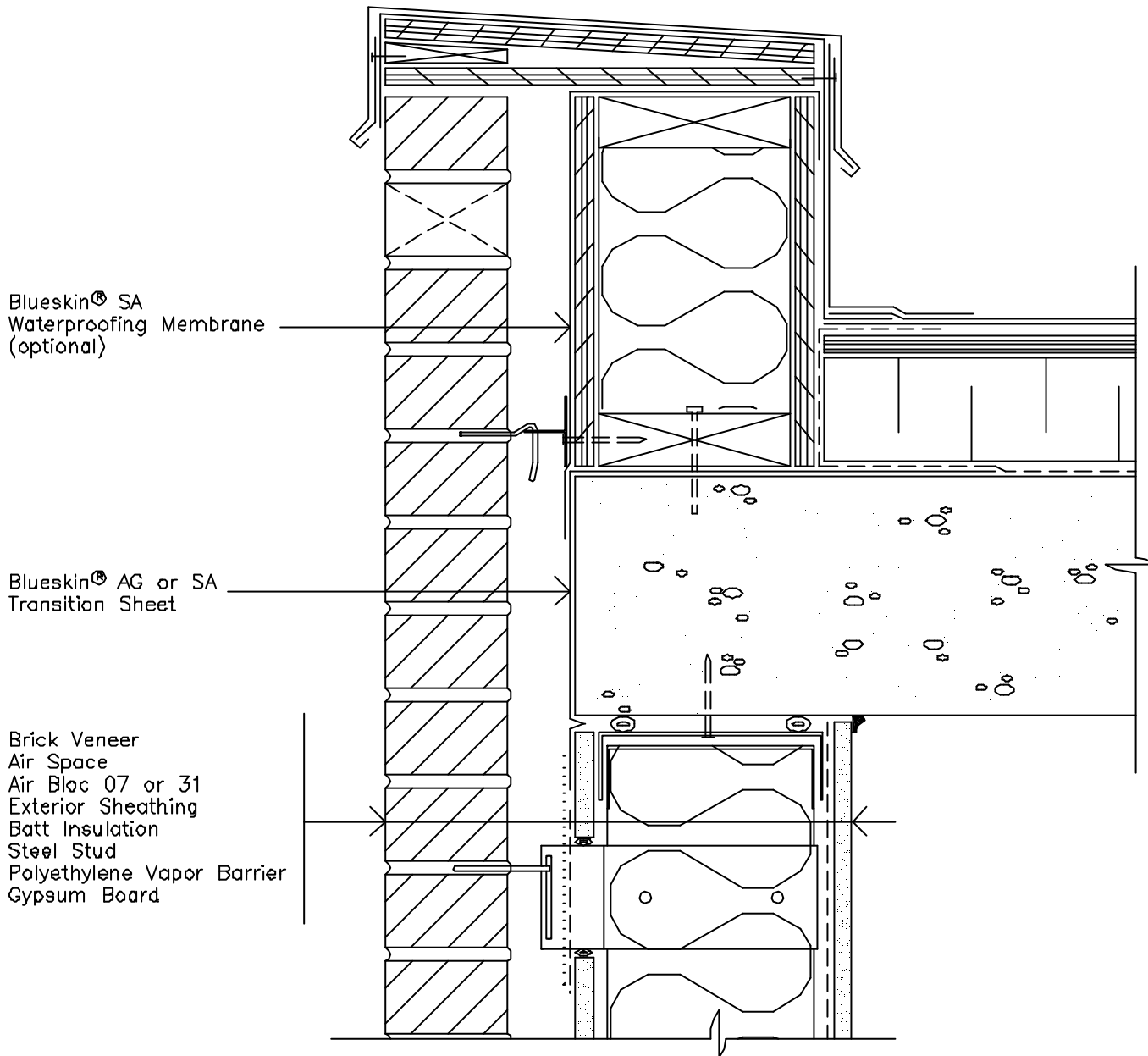
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AB-17B96

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284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauran, Ville St. Pierre, PQ H8R 1N7



Notes

1. Air Bloc 07 and Air Bloc 31 are specifically designed for use when a vapour barrier is placed on the interior. Vapour entering the wall assembly from the warm side is allowed to diffuse through the Air Bloc membranes.
2. Some insulation may be used in the cavity. Contact Bakor for specifics.
3. Where large gaps occur in exterior sheathing around brick ties, use Air Bloc 21 to seal followed by reinforcing tape. Alternately, use a Blueskin® SA patch extending 75mm (3") around tie and seal all edges with Air Bloc 21.

Air Bloc 07 or 31

PARAPET DETAIL

BRICK VENEER/ STEEL STUD WALL

Scale: N.T.S.

Plot: 1:5

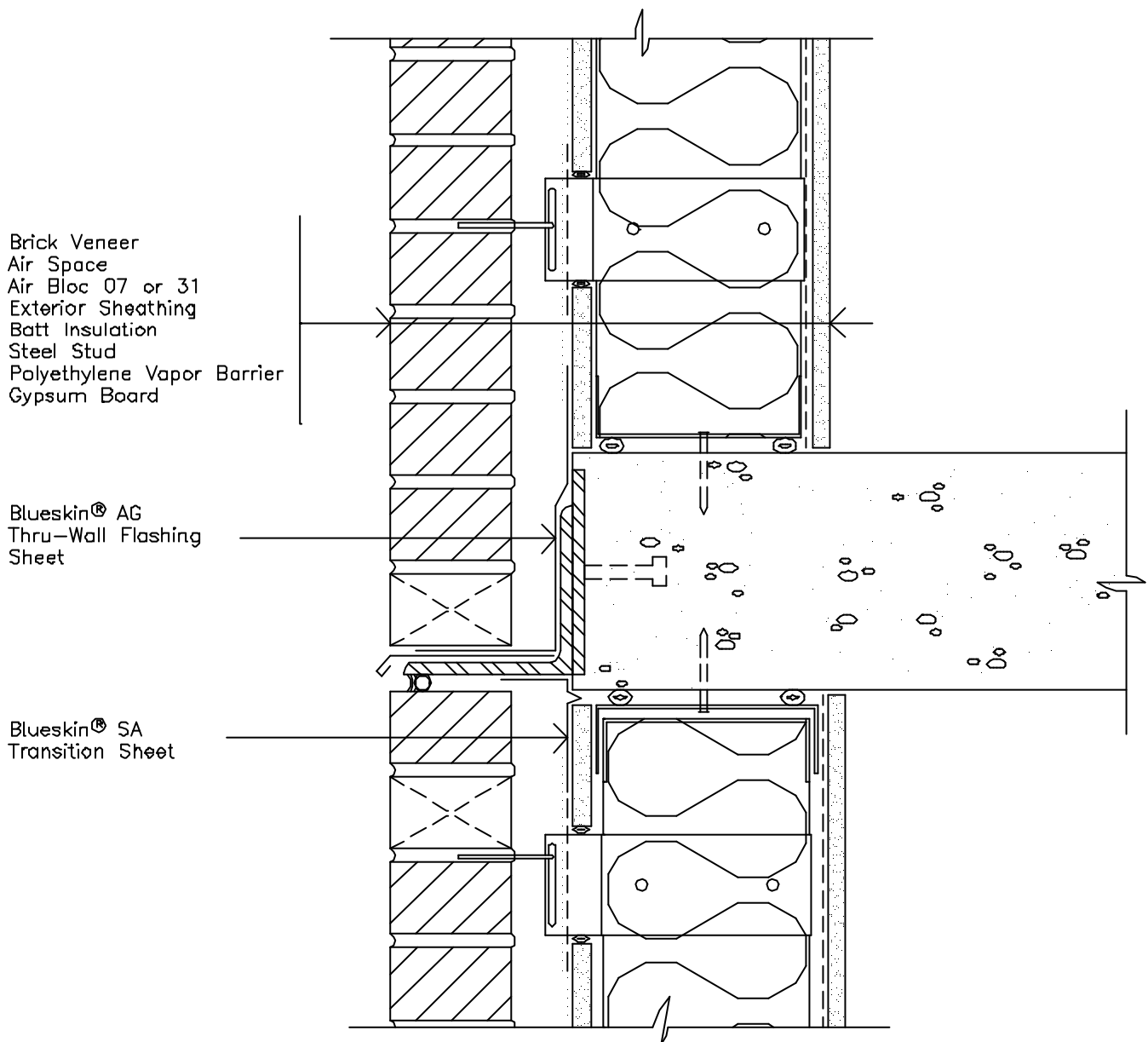
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AB-18B96

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284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauran, Ville St Pierre, PQ H8R 1N7



Brick Veneer
 Air Space
 Air Bloc 07 or 31
 Exterior Sheathing
 Batt Insulation
 Steel Stud
 Polyethylene Vapor Barrier
 Gypsum Board

Blueskin® AG
 Thru-Wall Flashing
 Sheet

Blueskin® SA
 Transition Sheet

Notes

1. Air Bloc 07 and Air Bloc 31 are specifically designed for use when a vapour barrier is placed on the interior. Vapour entering the wall assembly from the warm side is allowed to diffuse through the Air Bloc membranes.
2. Some insulation may be used in the cavity. Contact Bakor Inc. for specifics.
3. Where large gaps occur in exterior sheathing around brick ties, use Air Bloc 21 to seal followed by reinforcing tape. Alternately, use a Blueskin® SA patch extending 75mm (3") around tie and seal all edges with Air Bloc 21.

Air Bloc 07 or 31
 SHELF ANGLE
 DETAIL
 BRICK VENEER/ STEEL STUD WALL

Scale: N.T.S.

Plot: 1:5

Issued: 08-14-97

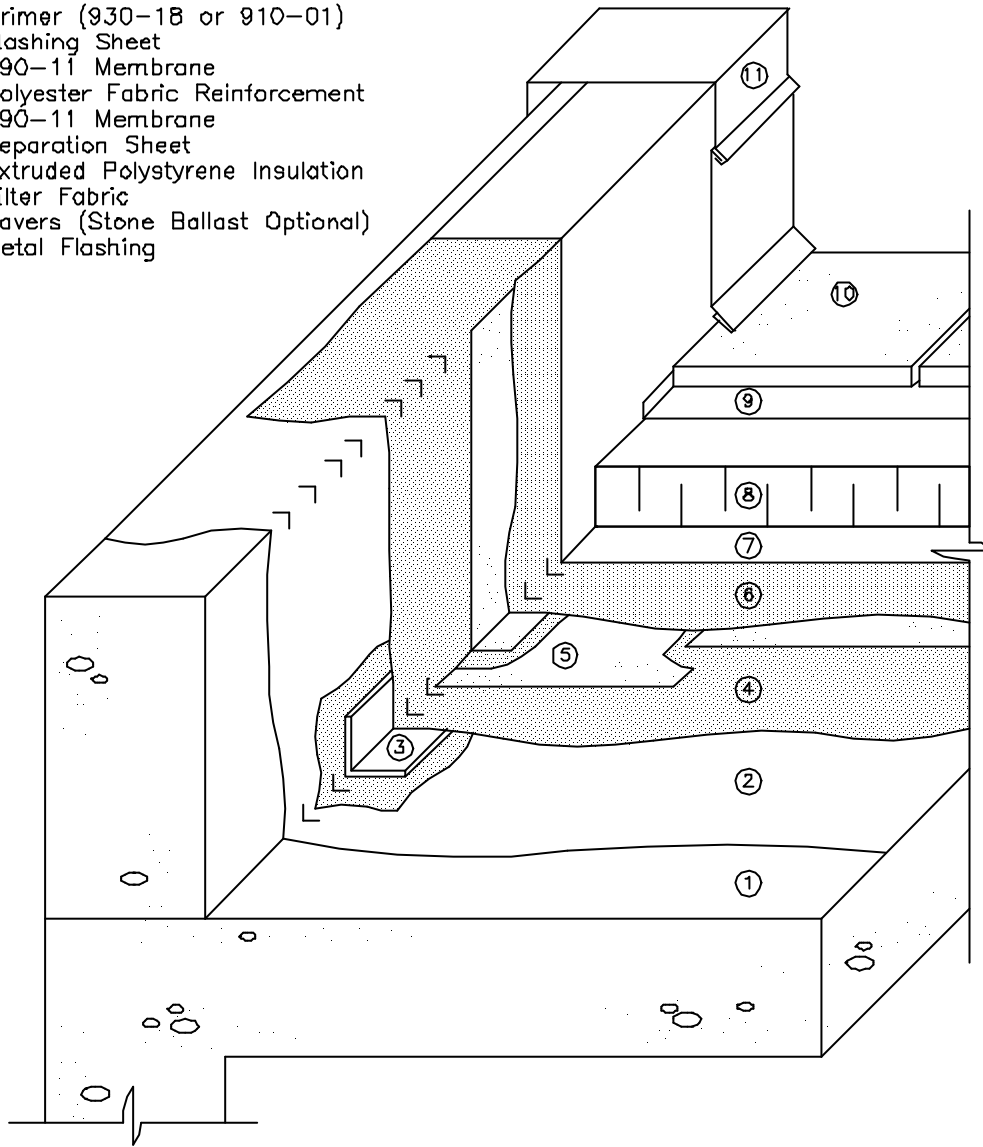
Revision: 04

AB-19B96

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
 10 blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

1. Deck
2. Primer (930-18 or 910-01)
3. Flashing Sheet
4. 790-11 Membrane
5. Polyester Fabric Reinforcement
6. 790-11 Membrane
7. Separation Sheet
8. Extruded Polystyrene Insulation
9. Filter Fabric
10. Pavers (Stone Ballast Optional)
11. Metal Flashing



Notes

1. System detail showing 990-25 Flashing Sheet as the flashing membrane.
2. The Polyester Fabric Reinforcement overlaps approximately 6mm (1/4"). A coat of 790-11 must be applied at the laps as shown.
3. There are two types of primer for 790-11: an asphalt penetrating primer such as 910-01 and a polymer modified primer such as 930-18. Superior adhesion is provided using the 930-18 primer.
4. Extend the separation sheet up and over to prevent adhesion to the metal flashing.

790-11 Membrane P.M.R. Assembly

SYSTEM DETAIL 1

CONCRETE DECK

Scale: N.T.S

Plot: 1:10

Issued: 05-14-97

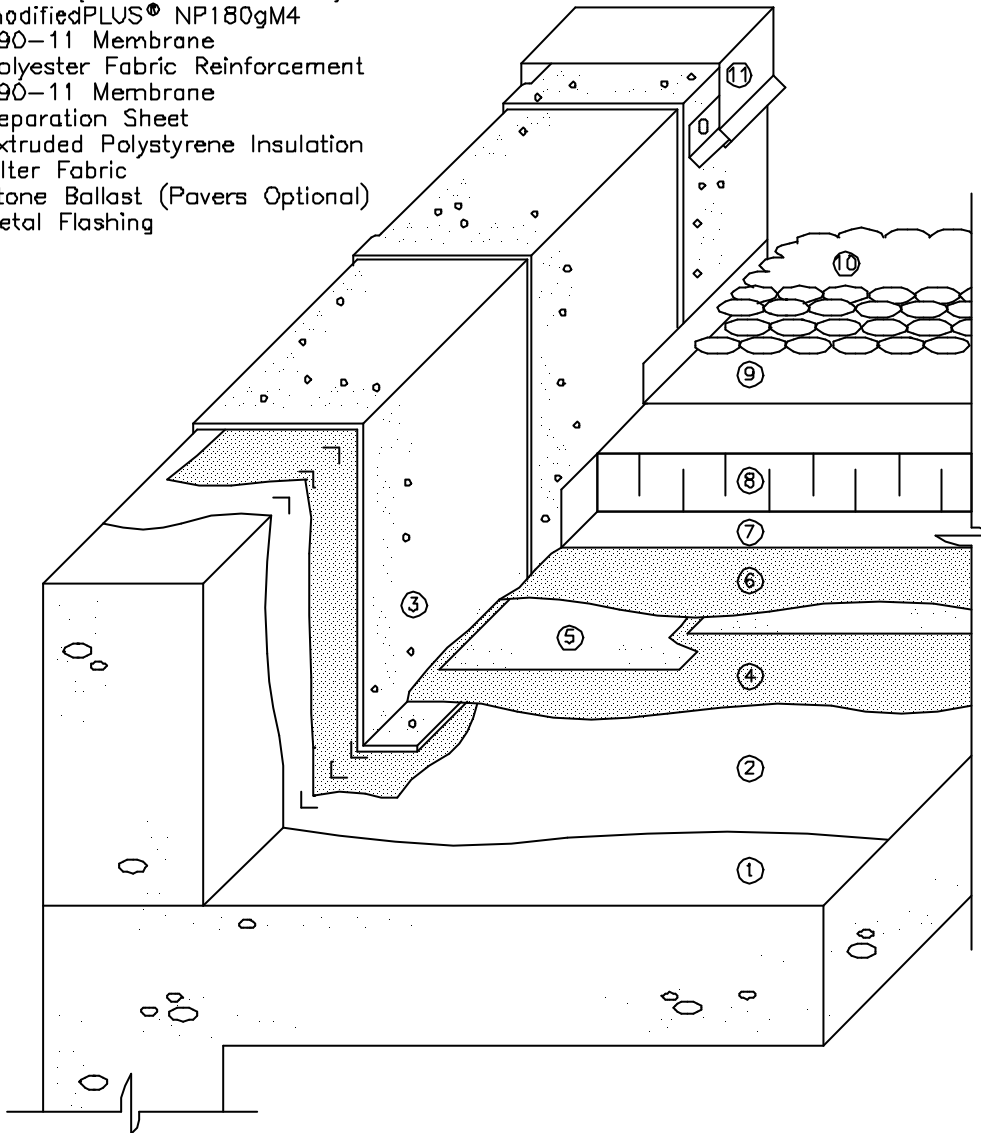
Revision: 02

HR-1E97

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

1. Deck
2. Primer (930-18 or 910-01)
3. modifiedPLUS® NP180gM4
4. 790-11 Membrane
5. Polyester Fabric Reinforcement
6. 790-11 Membrane
7. Separation Sheet
8. Extruded Polystyrene Insulation
9. Filter Fabric
10. Stone Ballast (Pavers Optional)
11. Metal Flashing



Notes

1. System detail showing modifiedPLUS® NP180gM4 SBS modified bitumen sheet as the flashing membrane. The NP180gM4 is embedded in a 3mm (1/8") coat of 790-11 hot applied rubberized asphalt.
2. The modifiedPLUS® NP180gM4 membrane has a ceramic granule surface which is designed to be an exposed finished surface. The metal flashing is therefore optional.

790-11 Membrane P.M.R. Assembly

Scale: N.T.S

Plot: 1:10

Issued: 05-14-97

Revision: 02

SYSTEM DETAIL 2

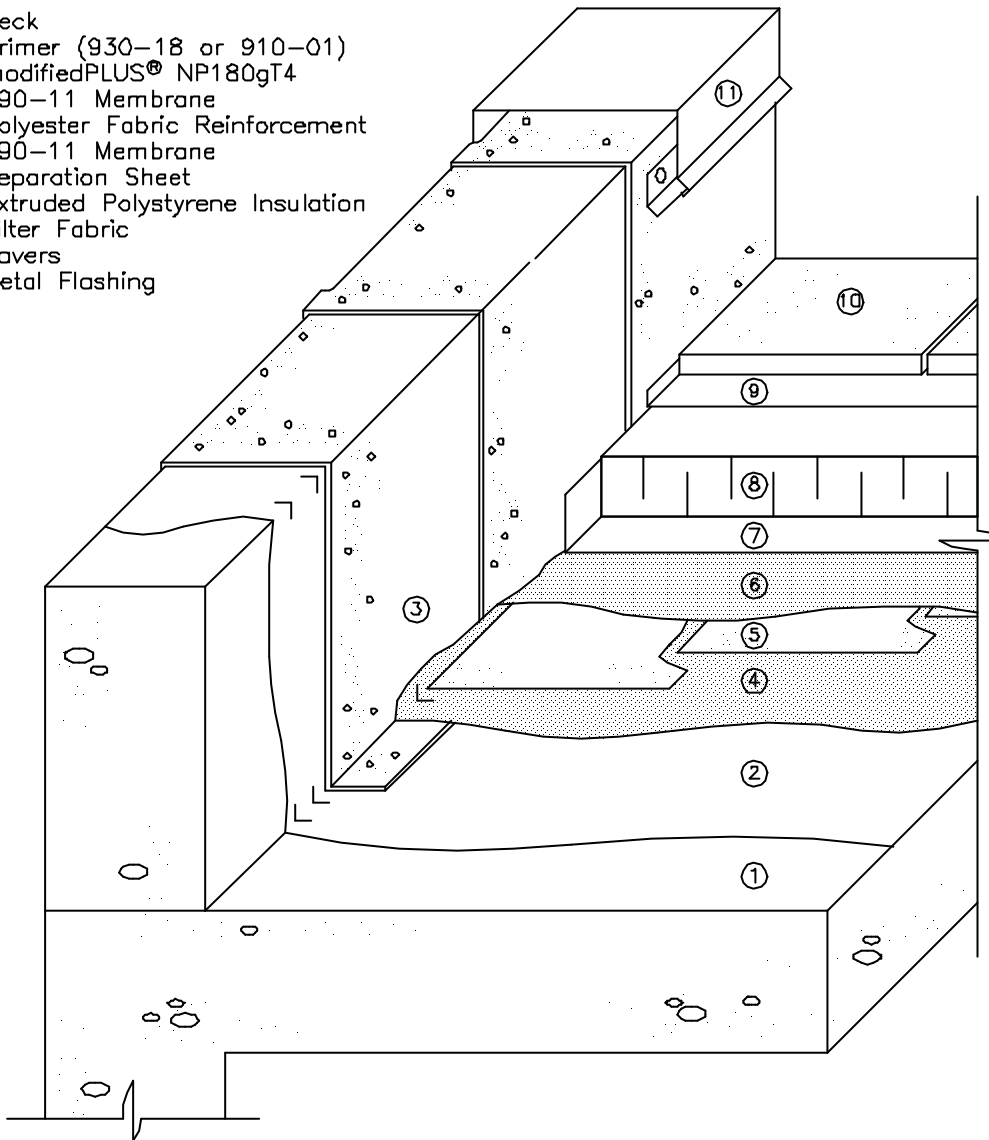
CONCRETE DECK

HR-2E97

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
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1. Deck
2. Primer (930-18 or 910-01)
3. modifiedPLUS® NP180gT4
4. 790-11 Membrane
5. Polyester Fabric Reinforcement
6. 790-11 Membrane
7. Separation Sheet
8. Extruded Polystyrene Insulation
9. Filter Fabric
10. Pavers
11. Metal Flashing



Notes

1. System detail showing modifiedPLUS® NP180gT4 SBS modified bitumen sheet as the flashing membrane. The NP180gT4 sheet is thermofused to the substrate prior to application of the 790-11 hot applied rubberized asphalt.
2. Drainage layers are optional on all 790-11 details and should be positioned above the insulation layer.
3. The modifiedPLUS® NP180gT4 sheet has a ceramic granule surface which is designed to be an exposed finished surface. The metal flashing is therefore optional.

790-11 Membrane P.M.R Assembly

SYSTEM DETAIL 3

CONCRETE DECK

Scale: N.T.S

Plot: 1:10

Issued: 05-14-97

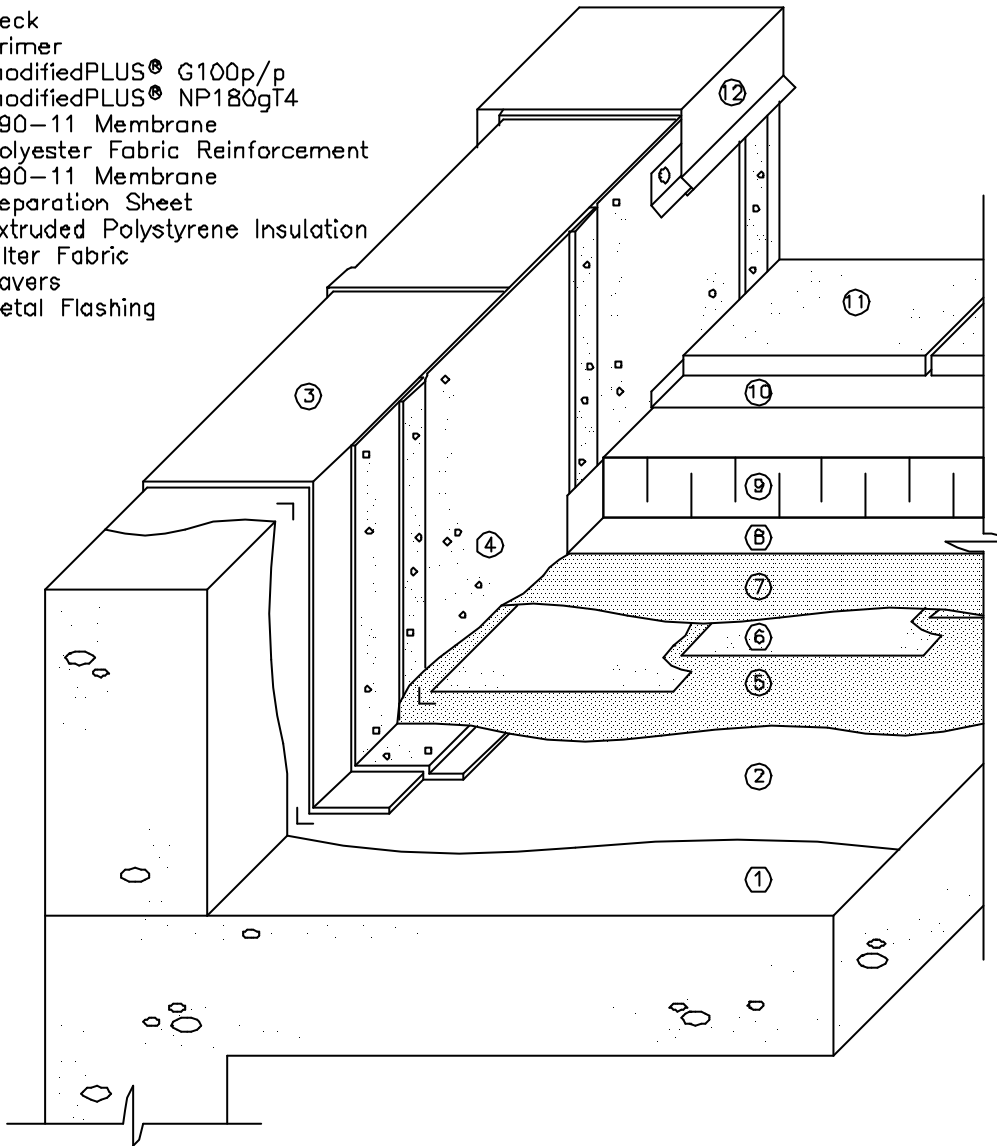
Revision: 02

HR-3E97

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284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

1. Deck
2. Primer
3. modifiedPLUS® G100p/p
4. modifiedPLUS® NP180gT4
5. 790-11 Membrane
6. Polyester Fabric Reinforcement
7. 790-11 Membrane
8. Separation Sheet
9. Extruded Polystyrene Insulation
10. Filter Fabric
11. Pavers
12. Metal Flashing



Notes

1. System detail showing a two ply thermofused SBS modified bitumen flashing system consisting of a modifiedPLUS® G100p/p base sheet and a modifiedPLUS® NP180gT4 cap sheet membrane. Alternately, use modifiedPLUS® NP180 Tack Sheet (self-adhered) in place of the modifiedPLUS® G100p/p.
2. The two SBS modified bitumen membranes are typically thermofused in place prior to installing the 790-11 system.
3. The primer for the 790-11 and the modifiedPLUS® membranes is the same. See 930-18 or 910-01 data sheets. Use 930-38 or 900-34 for NP180 Tack Sheet.

790-11 Membrane P.M.R. Assembly

SYSTEM DETAIL 4

CONCRETE DECK

Scale: N.T.S.

Plot: 1:10

Issued: 05-14-97

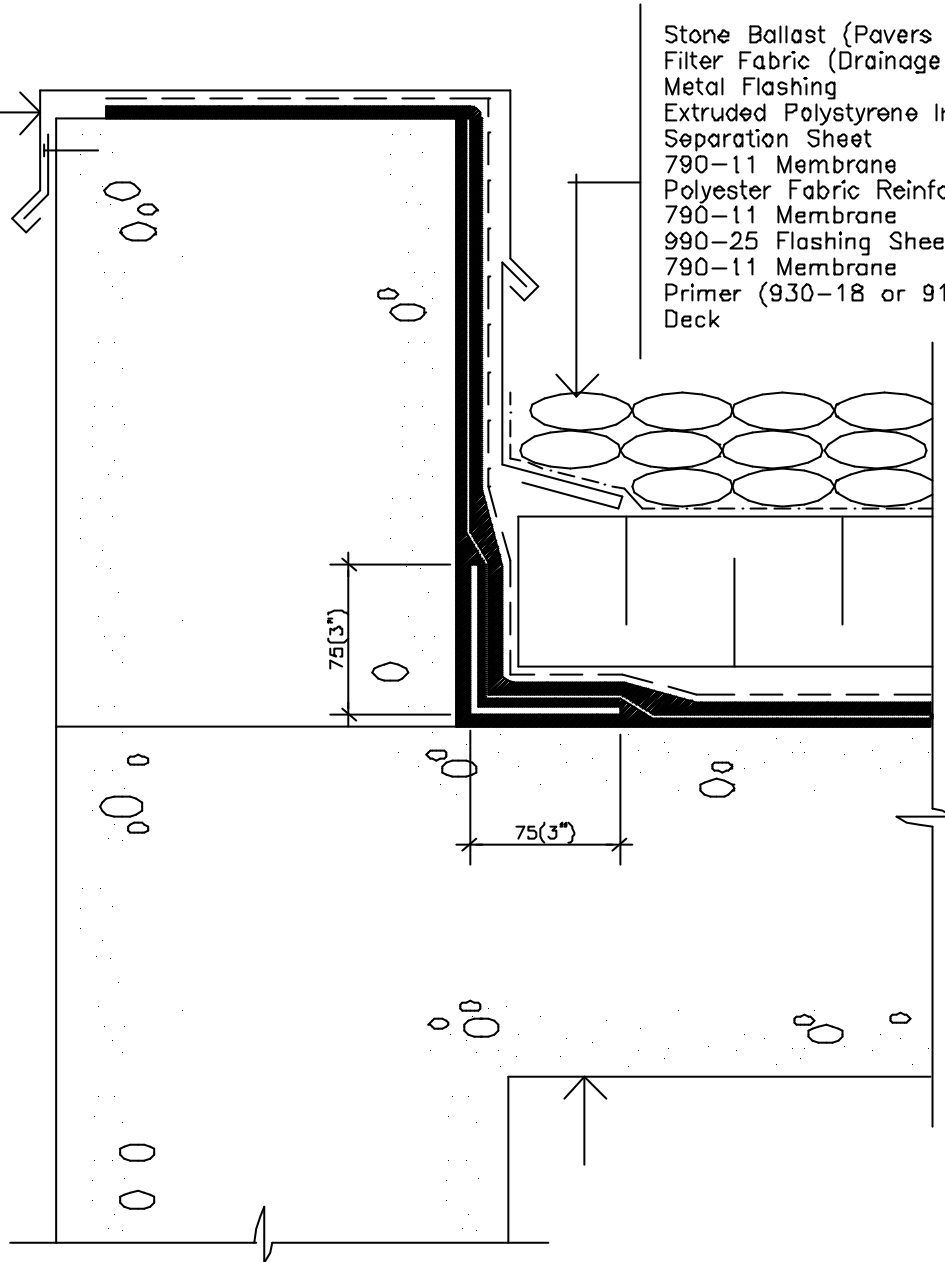
Revision: 01

HR-4E97

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284 Watline Ave., Mississauga, ON L4Z 1P4
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Metal Flashing



Stone Ballast {Pavers Optional}
Filter Fabric (Drainage Layer Optional)
Metal Flashing
Extruded Polystyrene Insulation
Separation Sheet
790-11 Membrane
Polyester Fabric Reinforcement
790-11 Membrane
990-25 Flashing Sheet (.47mil)
790-11 Membrane
Primer (930-18 or 910-01)
Deck

Notes

1. This detail shows a standard application of 990-25 Flashing Sheet. The Polyester Fabric reinforcement is carried to the top of the vertical.
2. Extend the separation sheet up and over to prevent adhesion to the metal flashing.

790-11 Membrane P.M.R. Assembly

Scale: N.T.S

Plot: 1:5

TYPICAL PARAPET

Issued: 05-14-97

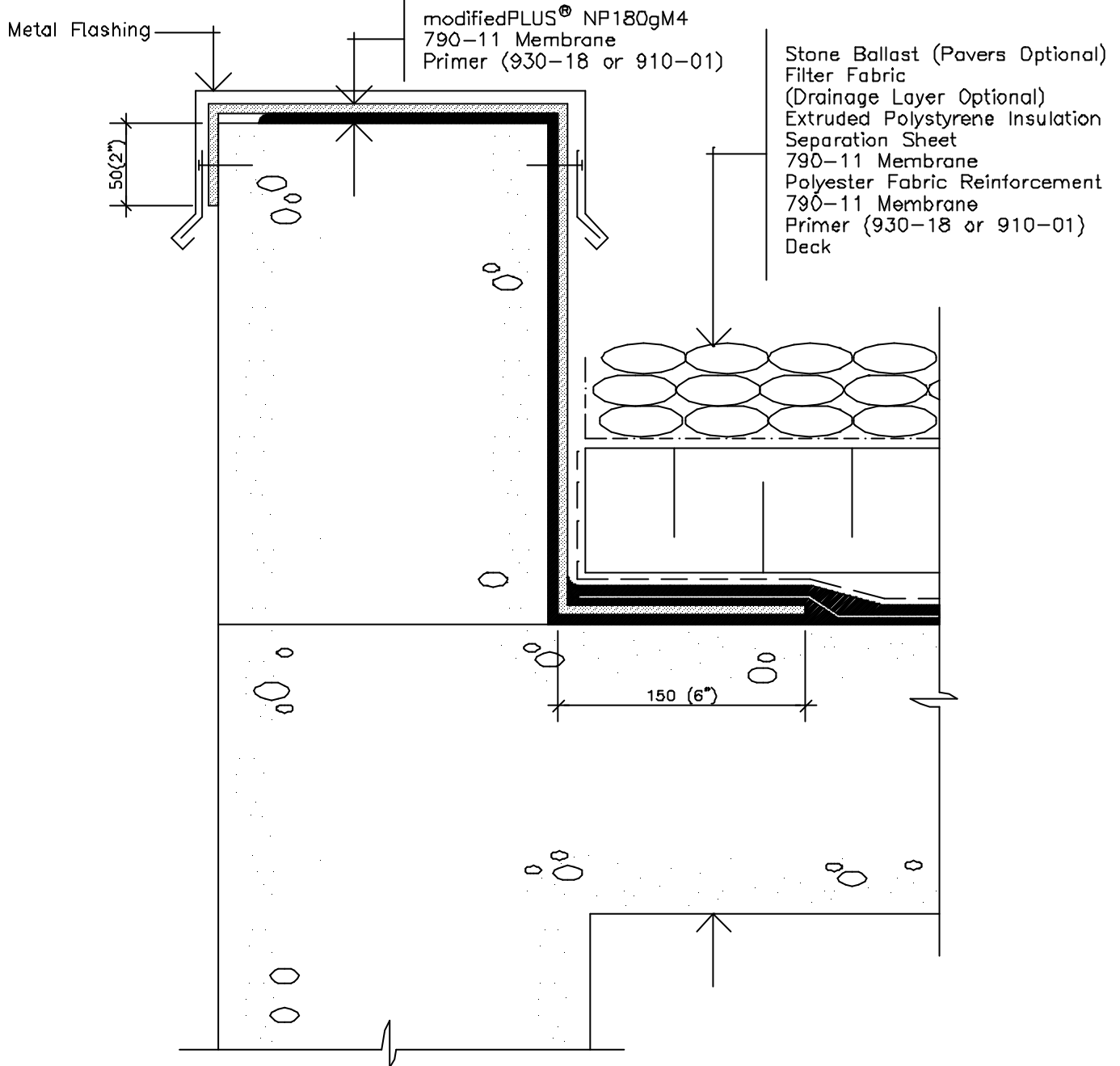
Revision: 02

CONCRETE DECK

HR-5E97

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Notes

1. The modifiedPLUS[®] membrane must be mechanically fastened at 200mm (8") o.c. along the outside face. Fasten on inside as required for metal flashing system.
2. Setting granules in the modifiedPLUS[®] NP180gM4 membrane using a heated trowel will improve adhesion of the 790-11 membrane.
3. The modifiedPLUS[®] NP180gM4 membrane has a ceramic granule surface which is designed to be an exposed finished surface. The metal flashing is therefore optional.

790-11 Membrane P.M.R. Assembly

TYPICAL PARAPET

CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

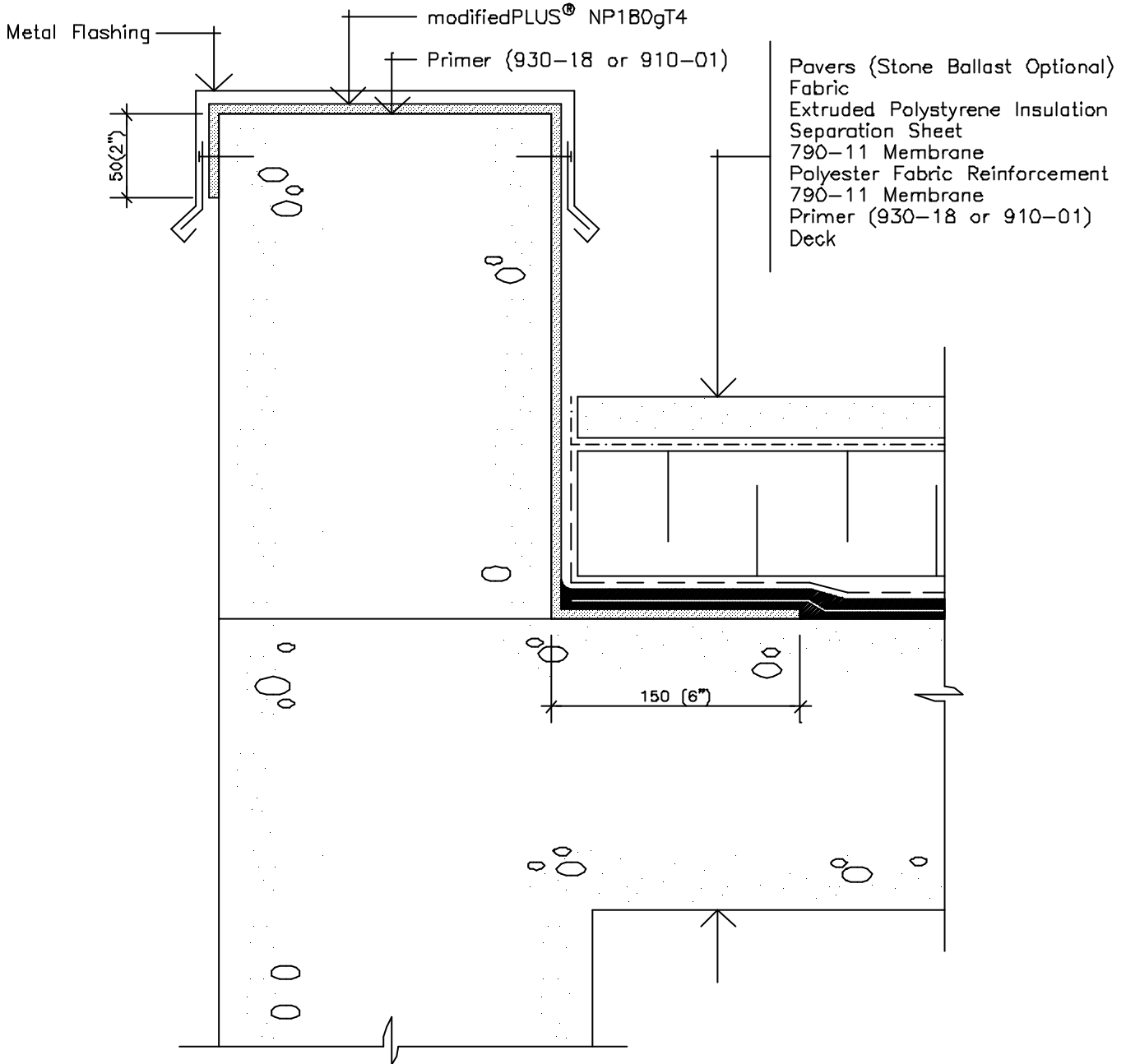
Issued: 05-14-97

Revision: 02

HR-6E97

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Notes

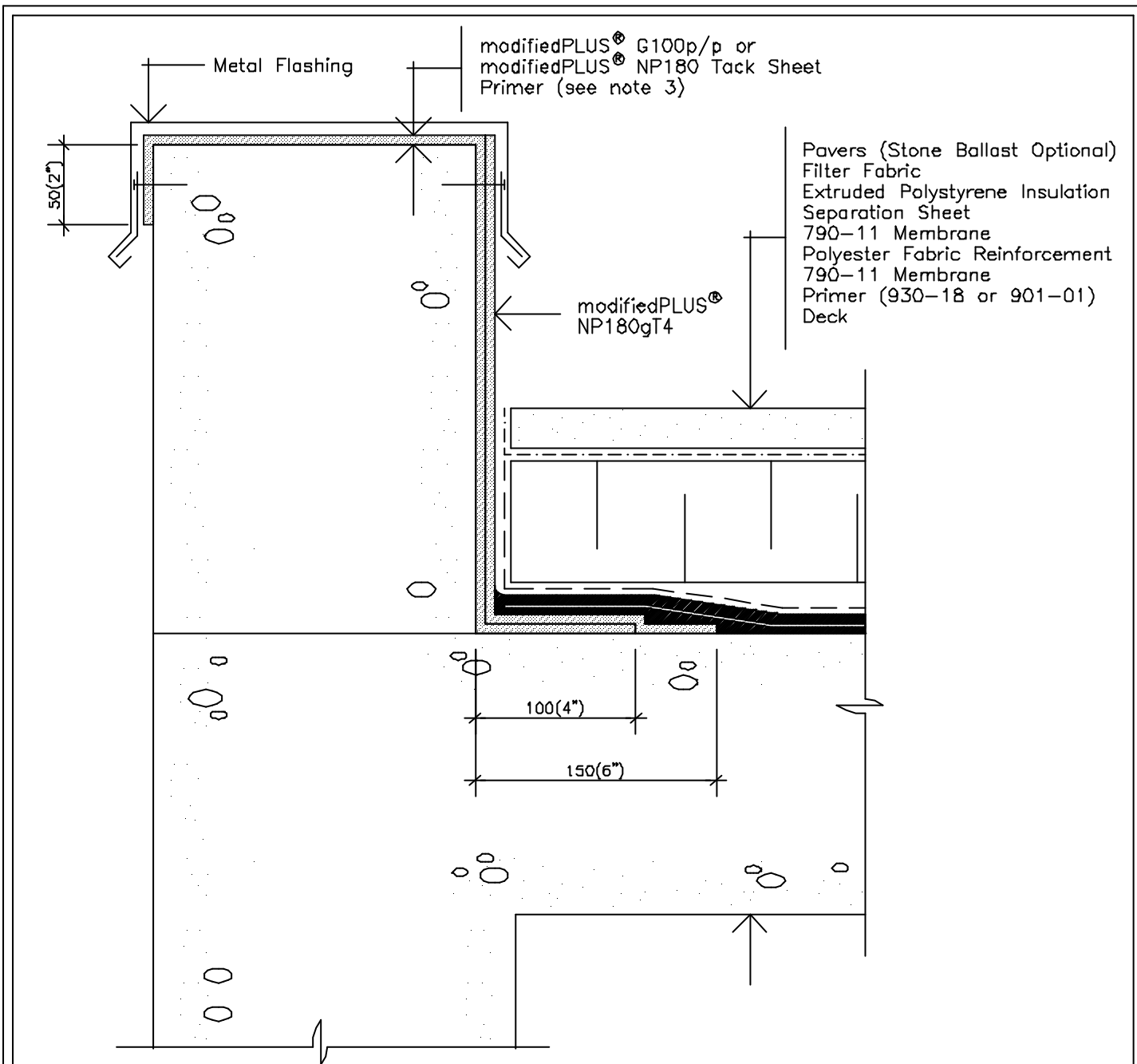
1. The modifiedPLUS® NP180gT4 flashing membrane is thermofused to the primed substrate and can be left exposed. The metal over the top of the parapet is for aesthetics only.
2. The modifiedPLUS® membrane must be mechanically fastened at 200mm (8") o.c. along the outside face. Fasten on inside as required for metal flashing system.
3. Setting granules in the modifiedPLUS® NP180gT4 membrane using a heated trowel will improve adhesion of the 790-11 membrane.

790-11 Membrane P.M.R. Assembly
TYPICAL PARAPET
 CONCRETE DECK

Scale: N.T.S.	Plat: 1:5
Issued: D5-14-97	Revision: D2
HR-7E97	

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Notes

1. The modifiedPLUS® flashing membranes are thermofused to the primed substrate and can be left exposed. Alternately, use a self-adhered base flashing such as modifiedPLUS® NP180 Tack Sheet and thermofuse the cap sheet flashing.
2. The metal over the top of the parapet is for aesthetics only.
3. Prime with 930-18 or 910-01 when using thermofusible membranes. Use 930-38 for NP180 Tack Sheet (Self-Adhered) or 900-34 water based primer.

790-11 Membrane P.M.R. Assembly

TYPICAL PARAPET

CONCRETE DECK

Scale: N.T.S

Plot: 1:5

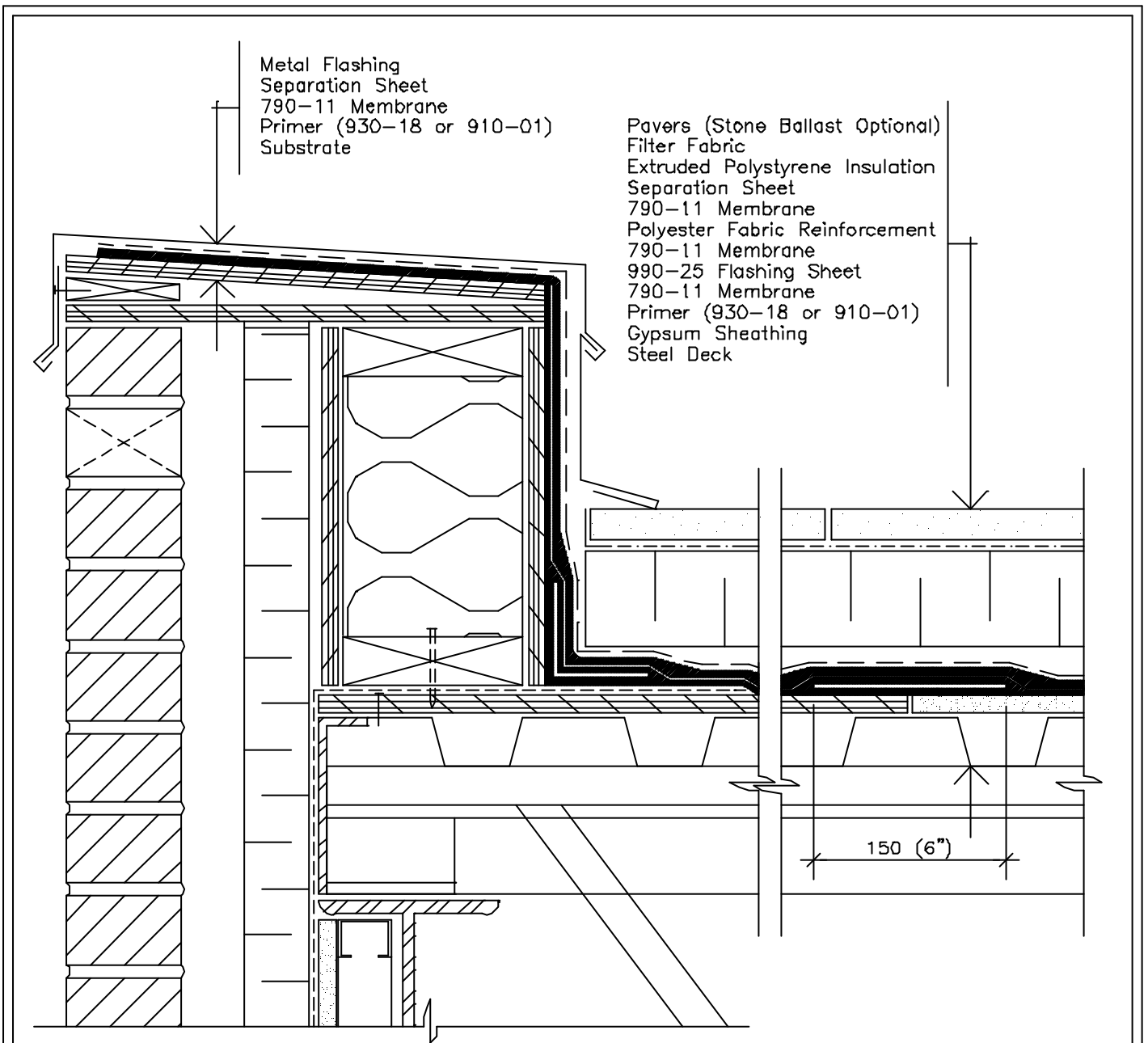
Issued: 05-14-97

Revision: 02

HR-8E97

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1D Blvd. Gauran, Ville St. Pierre, PQ H8R 1N7



Notes

1. This detail shows a typical parapet on a steel deck assembly.
2. An air/vapour barrier such as Blueskin® is installed prior to building the parapet wall. The 790-11 system ties-in to the wall air/vapour barrier to maintain continuity.
3. The joints in the gypsum board sheathing are treated with pressure sensitive tape, min. 50mm (2") wide, prior to applying the 790-11.

790-11 Membrane P.M.R. Assembly

Scale: N.T.S.

Plot: 1:5

TYPICAL PARAPET

Issued: 05-14-97

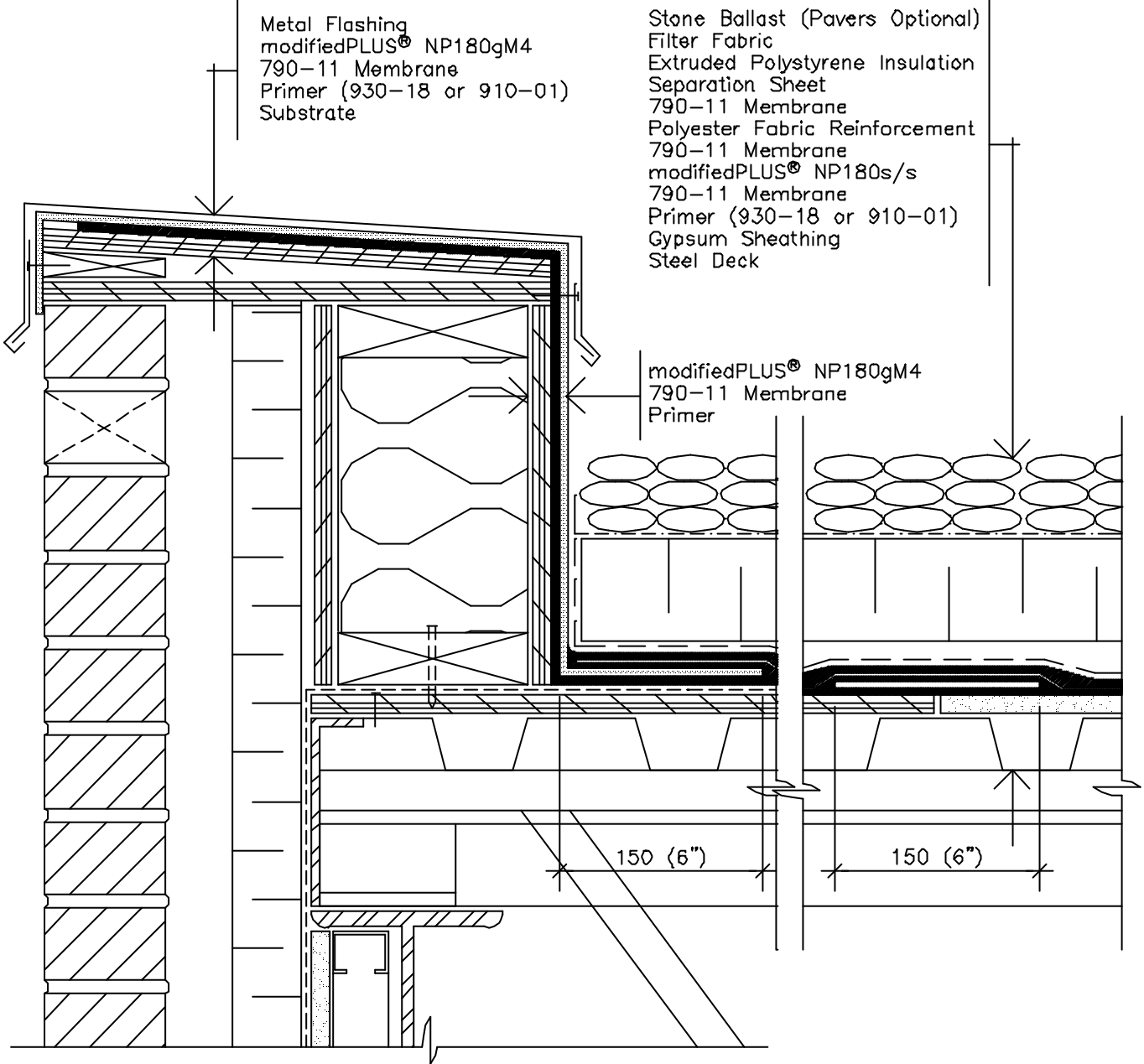
Revision: 02

STEEL DECK

HR-9E97

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284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauran, Ville St. Pierre, PQ H8R 1N7



Notes

1. The joints in the gypsum board sheathing are treated with pressure sensitive tape, min. 50mm (2'') wide, prior to applying the 790-11.

790-11 Membrane P.M.R. Assembly
TYPICAL PARAPET
STEEL DECK

Scale: N.T.S.

Plot: 1:5

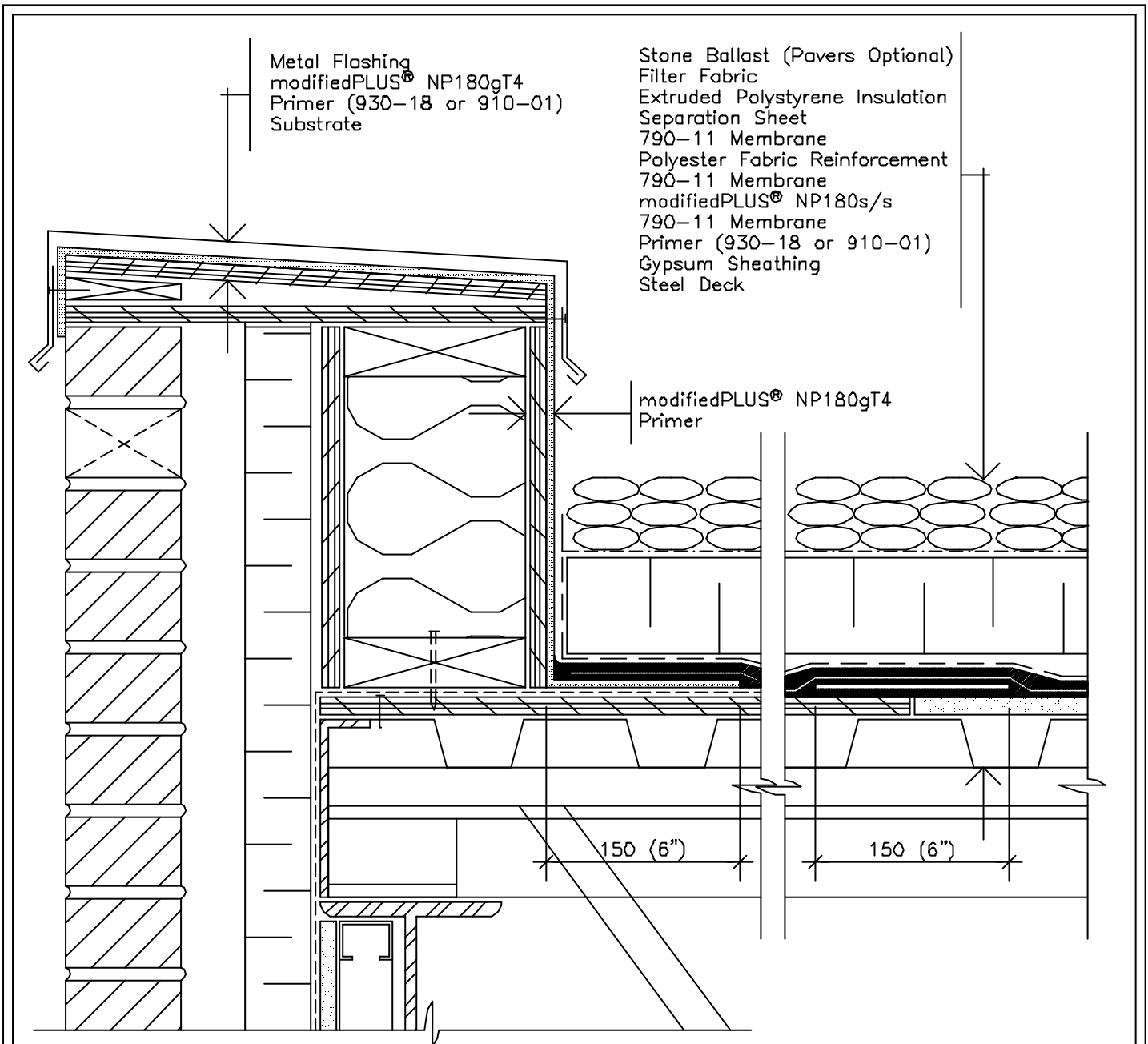
Issued: 05-14-97

Revision: D2

HR-10E97

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10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. The modifiedPLUS® NP180gT4 flashing membrane is thermofused to the primed substrate and can be left exposed. The metal over the top of the parapet is for aesthetics only.
2. The modifiedPLUS® membrane must be mechanically fastened at 200mm (8'') o.c. along the outside face. Fasten on inside as required for metal flashing system.
3. Setting granules in the modifiedPLUS® NP180gT4 membrane using a heated trowel will improve adhesion of the 790-11 membrane.

790-11 Membrane P.M.R. Assembly

TYPICAL PARAPET

STEEL DECK

Scale: N.T.S.

Plot: 1:5

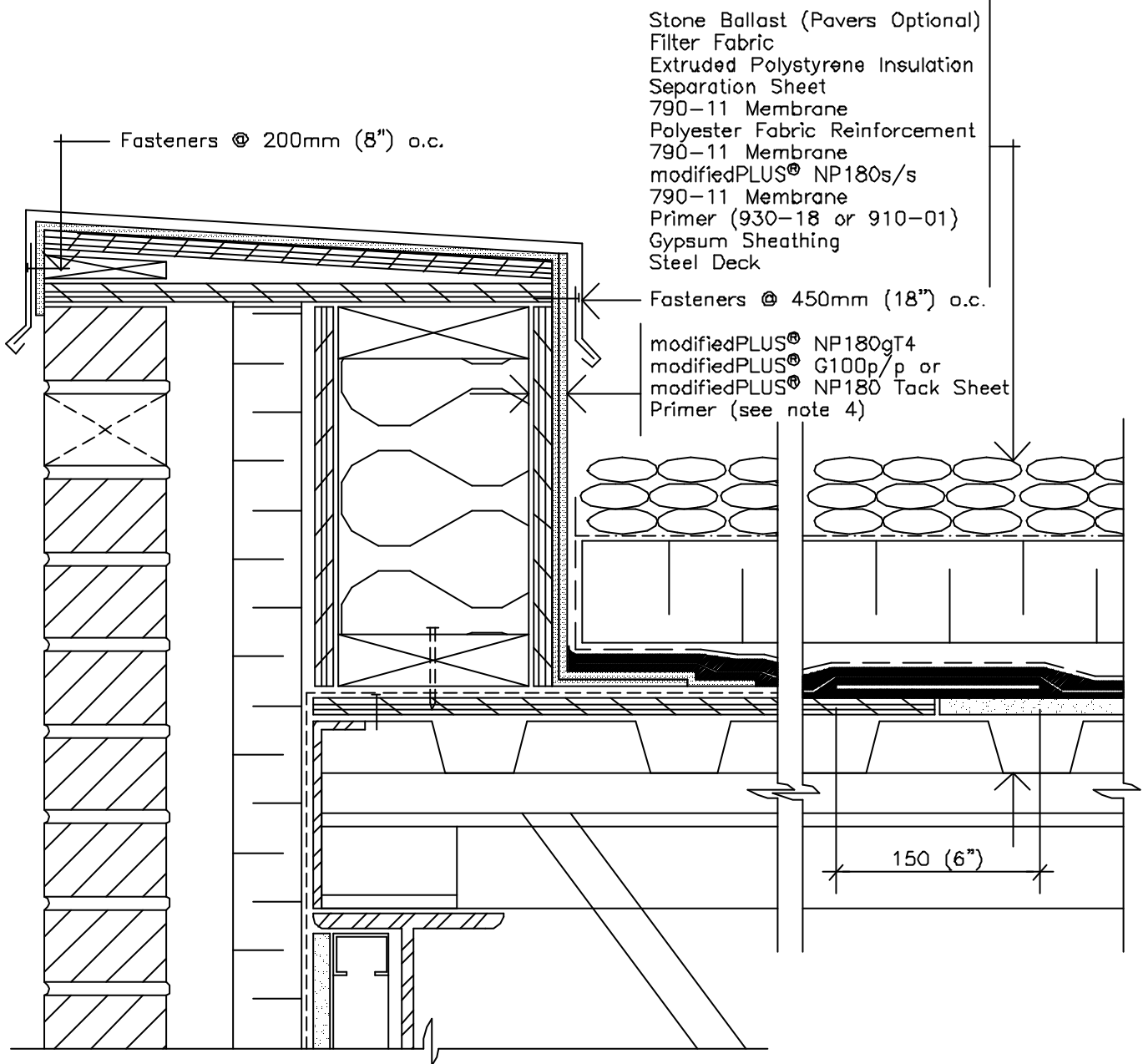
Issued: D5-14-97

Revision: 02

HR-11E97

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Stone Ballast (Pavers Optional)
 Filter Fabric
 Extruded Polystyrene Insulation
 Separation Sheet
 790-11 Membrane
 Polyester Fabric Reinforcement
 790-11 Membrane
 modifiedPLUS® NP180s/s
 790-11 Membrane
 Primer (930-18 or 910-01)
 Gypsum Sheathing
 Steel Deck

Fasteners @ 200mm (8") o.c.

Fasteners @ 450mm (18") o.c.

modifiedPLUS® NP180gT4
 modifiedPLUS® G100p/p or
 modifiedPLUS® NP180 Tack Sheet
 Primer (see note 4)

150 (6")

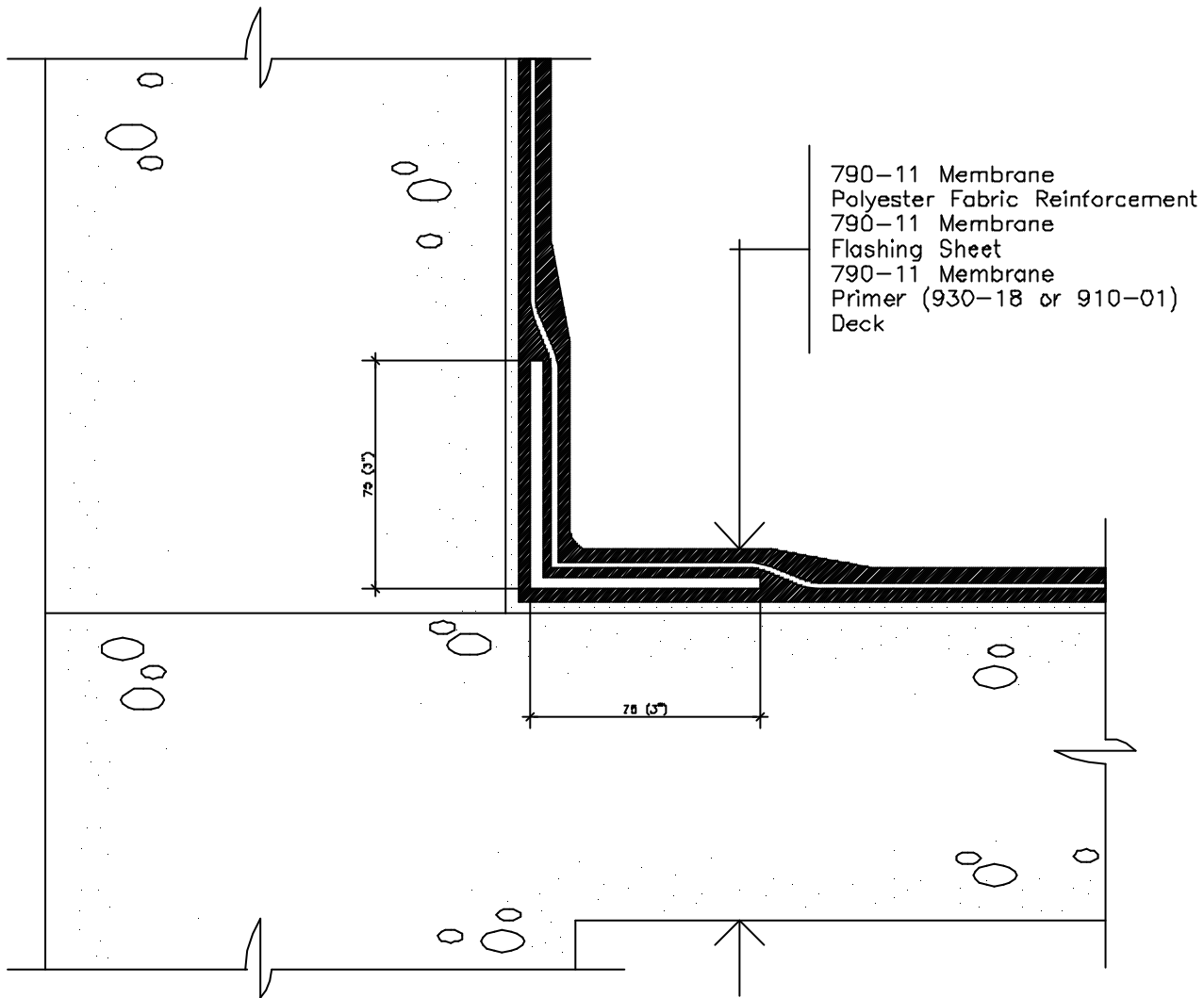
Notes

1. This detail shows the application of a two-ply thermofused modifiedPLUS® SBS modified bitumen system. The modifiedPLUS® flashing membranes are thermofused to the primed substrate and can be left exposed. Alternately, use a self-adhered base flashing such as modifiedPLUS® NP180 Tack Sheet and thermofuse the cap sheet flashing.
2. The joint between the plywood sheathing and the gypsum board sheathing is reinforced with a 150mm (6") strip of modifiedPLUS® NP180s/s.
3. The joints in the gypsum board sheathing are treated with pressure sensitive tape, min. 50mm (2") wide, prior to applying the 790-11.
4. Prime with 930-18 or 910-01 when using thermofusible membranes. Use 930-38 for NP180 Tack Sheet (Self-Adhered) or 900-34 water based primer.

790-11 Membrane P.M.R. Assembly
 TYPICAL PARAPET
 STEEL DECK

Scale: N.T.S. Plot: 1:5
 Issued: 05-14-97 Revision: 02
 HR-12E97

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Notes

1. The flashing sheet can be either 990-25 Flashing Sheet or modifiedPLUS[®] NP180s/s.
2. The flashing sheet is set in a 3mm (1/8") bed of 790-11 prior to installing the membrane in the field.
3. The first coat of 790-11 should be applied to a thickness of 2mm (3/32") min. prior to the application of the Polyester Fabric. The second coat is applied to a thickness of 3mm (1/8") min.

790-11 Membrane P.M.R. Assembly
CONSTRUCTION
JOINT
CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

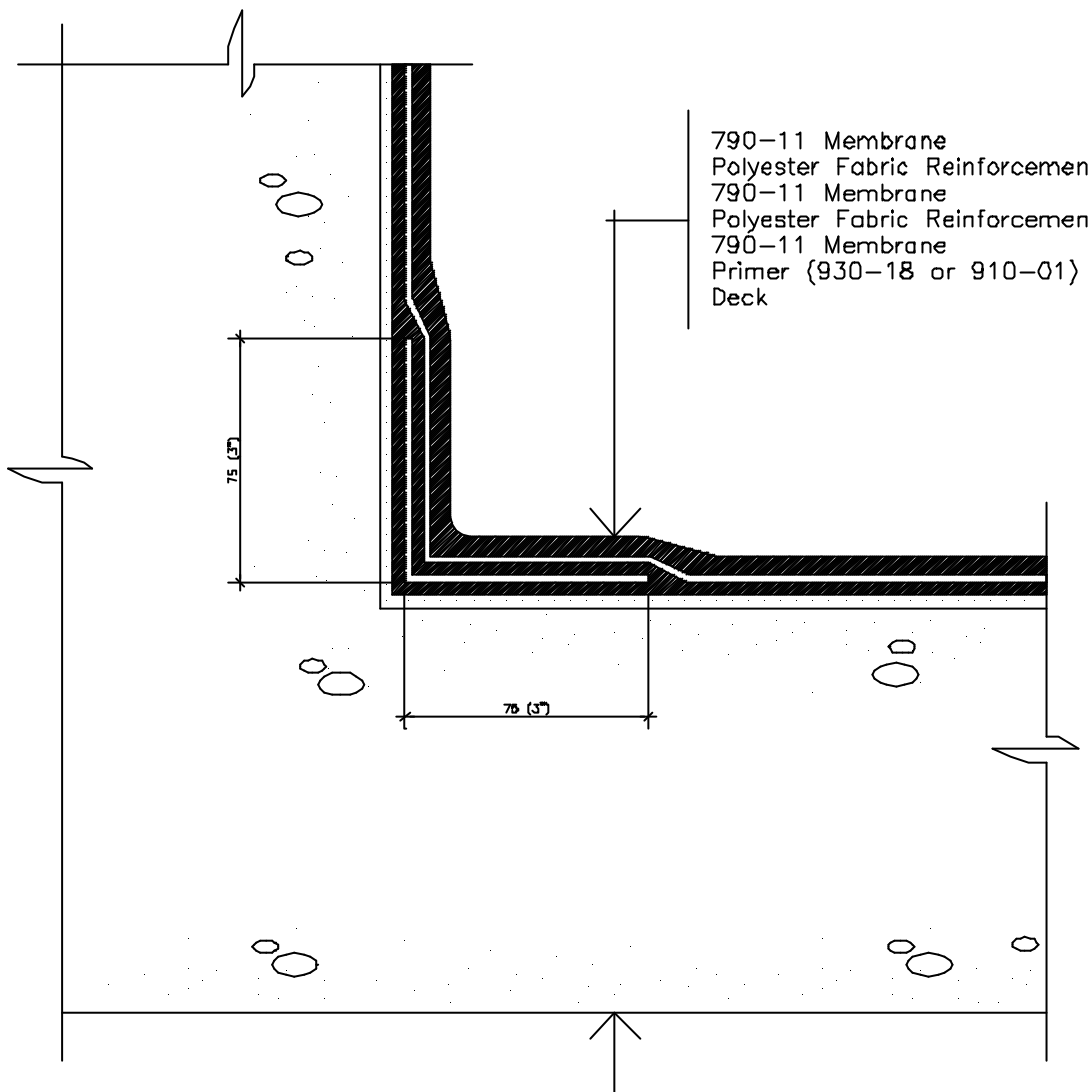
Issued: 05-14-97

Revision: 02

HR-13E97

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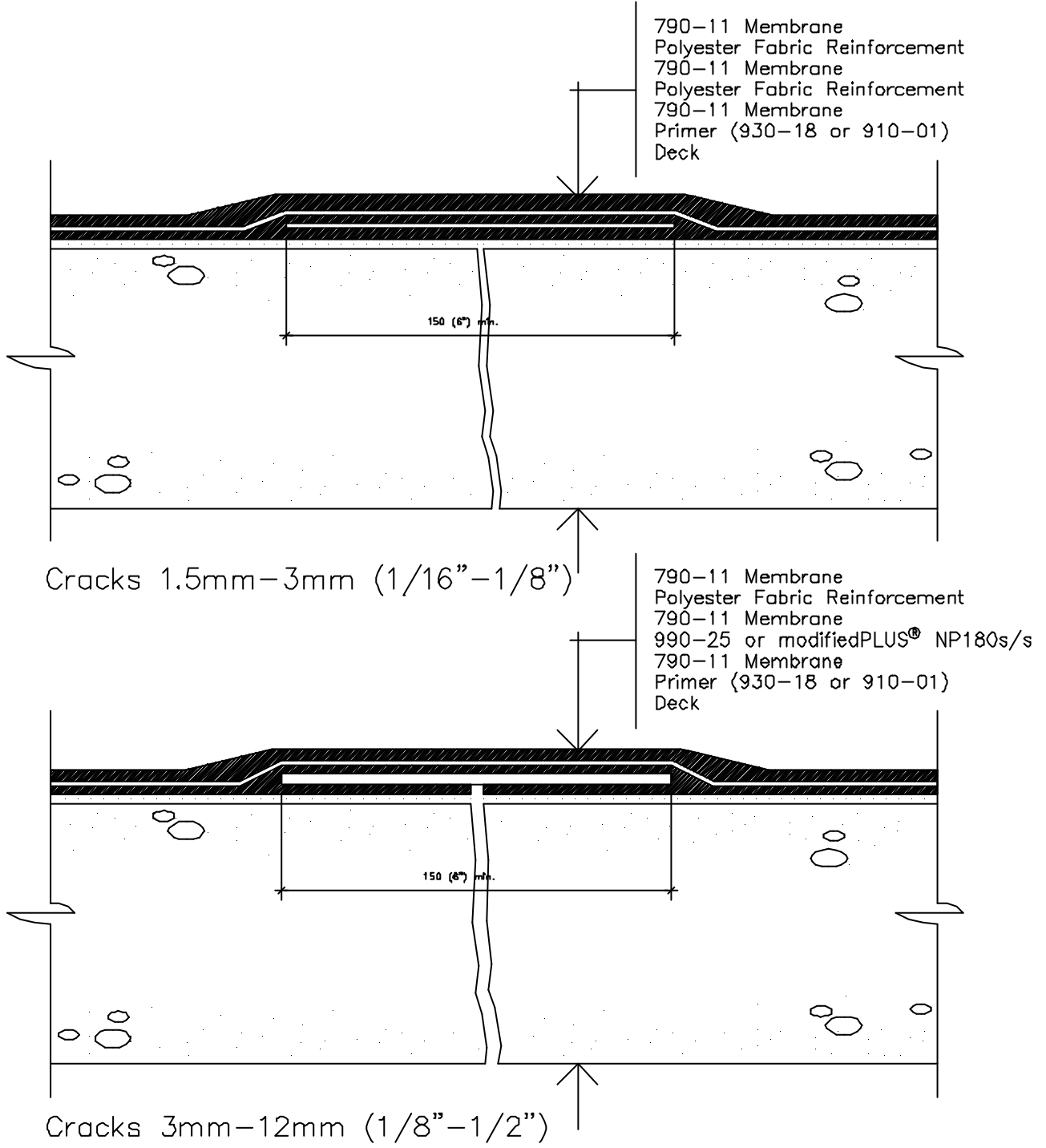
Notes

1. At monolithic pour locations, the corner is reinforced with an additional application of Polyester Fabric as indicated.

790-11 Membrane P.M.R. Assembly
CONCRETE CURB
CONCRETE DECK

Scale: N.T.S.	Plot: 1:5
Issued: 05-14-97	Revision: 02
HR-14E97	

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Notes

1. Cracks up to 1.5mm (1/16'') require no special treatment.

790-11 Membrane P.M.R. Assembly
**CRACK
 TREATMENT**
 CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

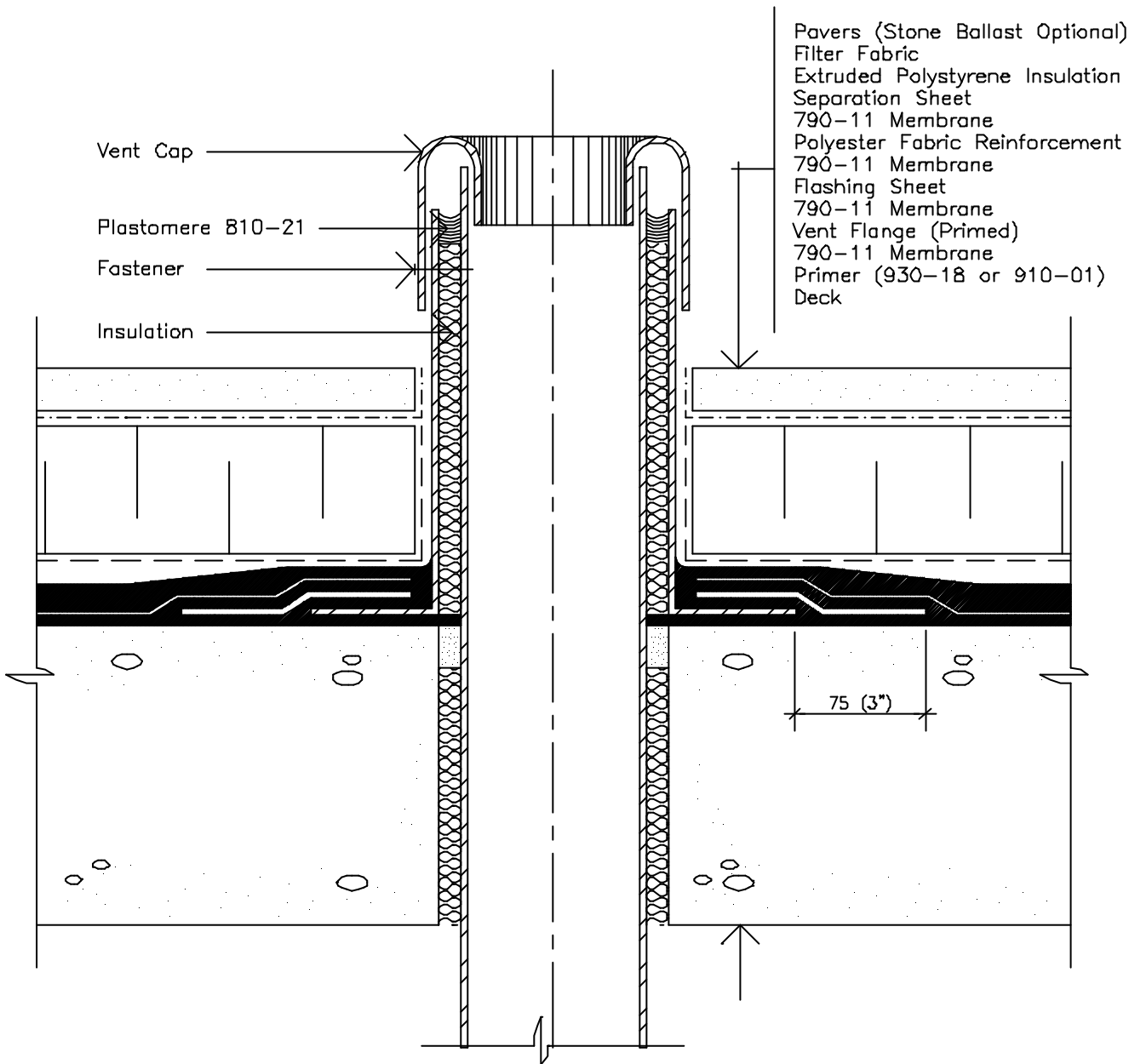
Issued: 05-14-97

Revision: 02

HR-15E97

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Notes

1. The flashing sheet can be either 990-25 Flashing Sheet or modifiedPLUS[®] NP180s/s.
2. Follow appropriate codes for minimum vent height above roof deck.
3. Keep the flashing sheet 12mm (1/2'') back from the vent stack and carry the 790-11 membrane up to the stack to ensure a complete seal.

790-11 Membrane P.M.R. Assembly

VENT/PROJECTION

CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

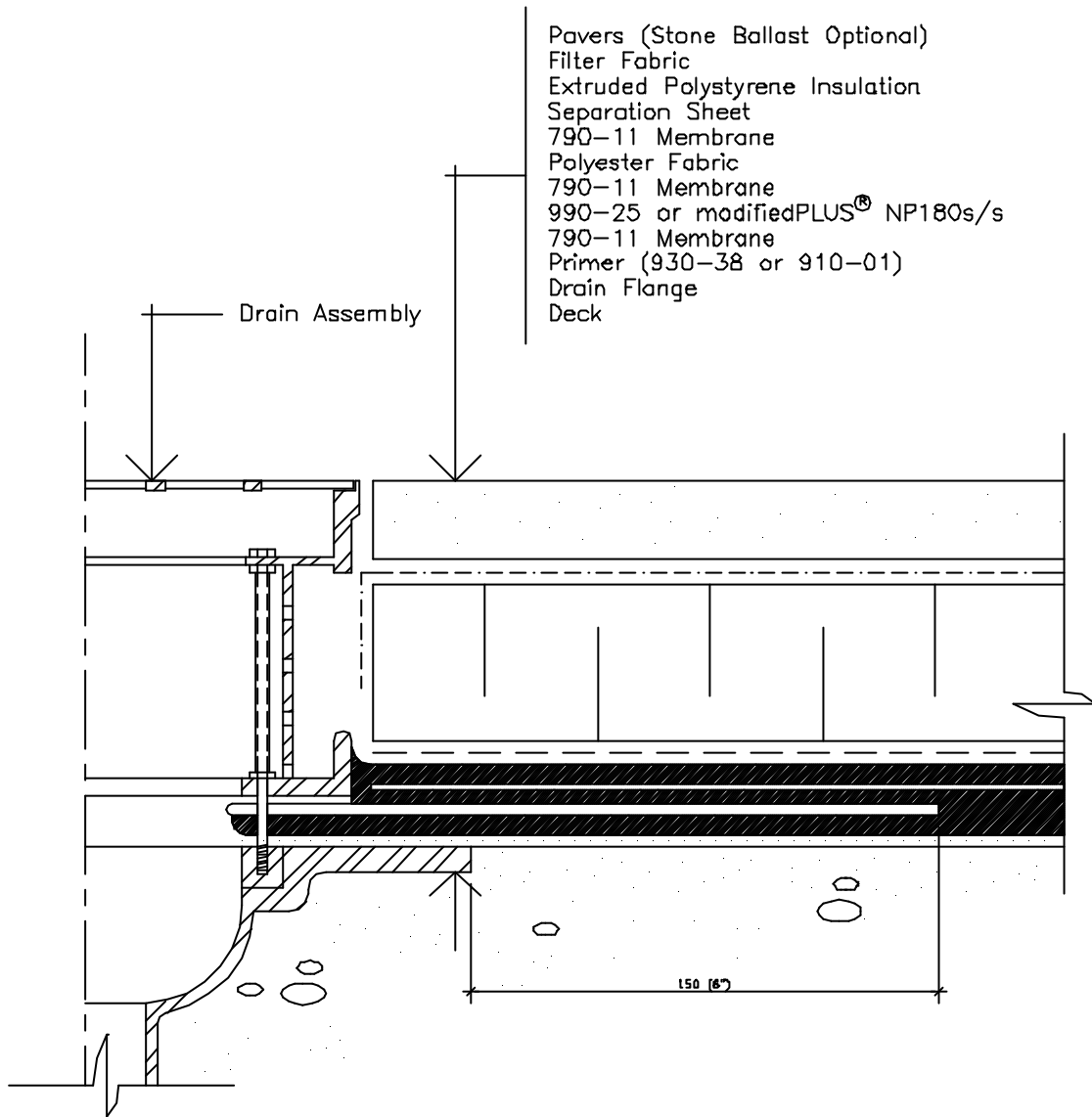
Issued: D5-14-97

Revision: 02

HR-19E97

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Notes

1. The flashing sheet can be either 990-25 Flashing Sheet or modifiedPLUS® NP180s/s.
2. The flashing sheet is set in a 3mm (1/8'') bed of 790-11 and extends 150mm (6'') beyond the drain flange.
3. The first coat of 790-11 should be applied to a thickness of 2mm (3/32'') min. prior to the application of the Polyester Fabric. The second coat is applied to a thickness of 3mm (1/8'') min.
4. Refer to drain manufacturers details for exact drain configuration.

790-11 Membrane P.M.R. Assembly

DRAIN

CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

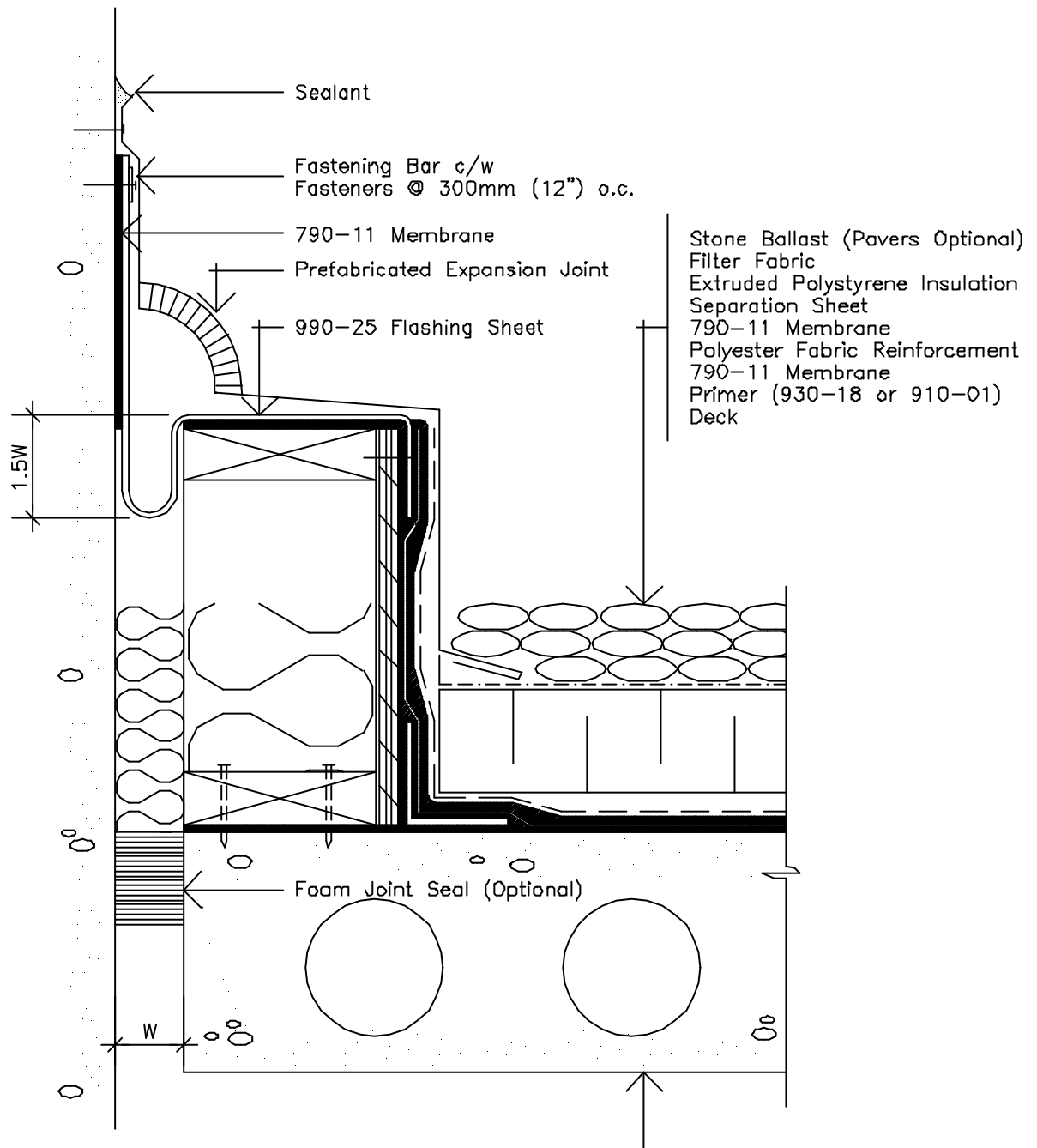
Issued: D5-14-97

Revision: 02

HR-20E97

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Notes

1. The 790-11 membrane may be applied prior to the parapet wall. Ensure trade coordination.
2. This detail applies to precast or hollow core slab construction.

790-11 Membrane P.M.R. Assembly
**PRECAST WALL
 EDGE DETAIL**
 PRECAST CONCRETE DECK

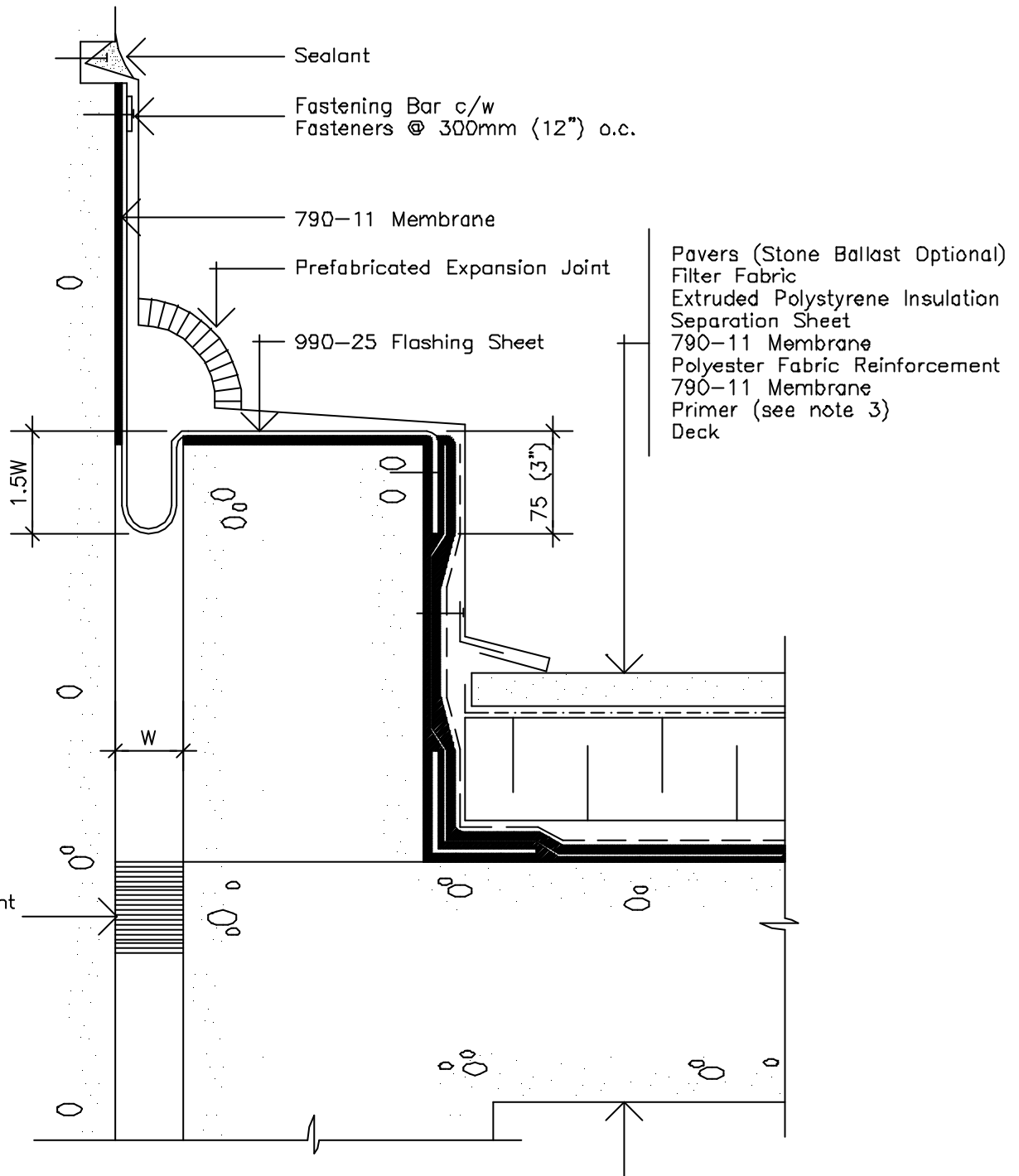
Scale: N.T.S. Plot: 1:5

Issued: 05-14-97 Revision: 02

HR-18E97

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Notes

1. This detail shows 990-25 as the flashing sheet. modifiedPLUS[®] SBS modified bitumen membranes may also be used.
2. The Foam Joint Seal provides additional protection for expansion joint details. Use Emseal 20H system, or equal, and follow manufacturers instructions for application specifics.
3. Primer shall be 930-18 or 910-01.

790-11 Membrane P.M.R. Assembly

EXPANSION JOINT

CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

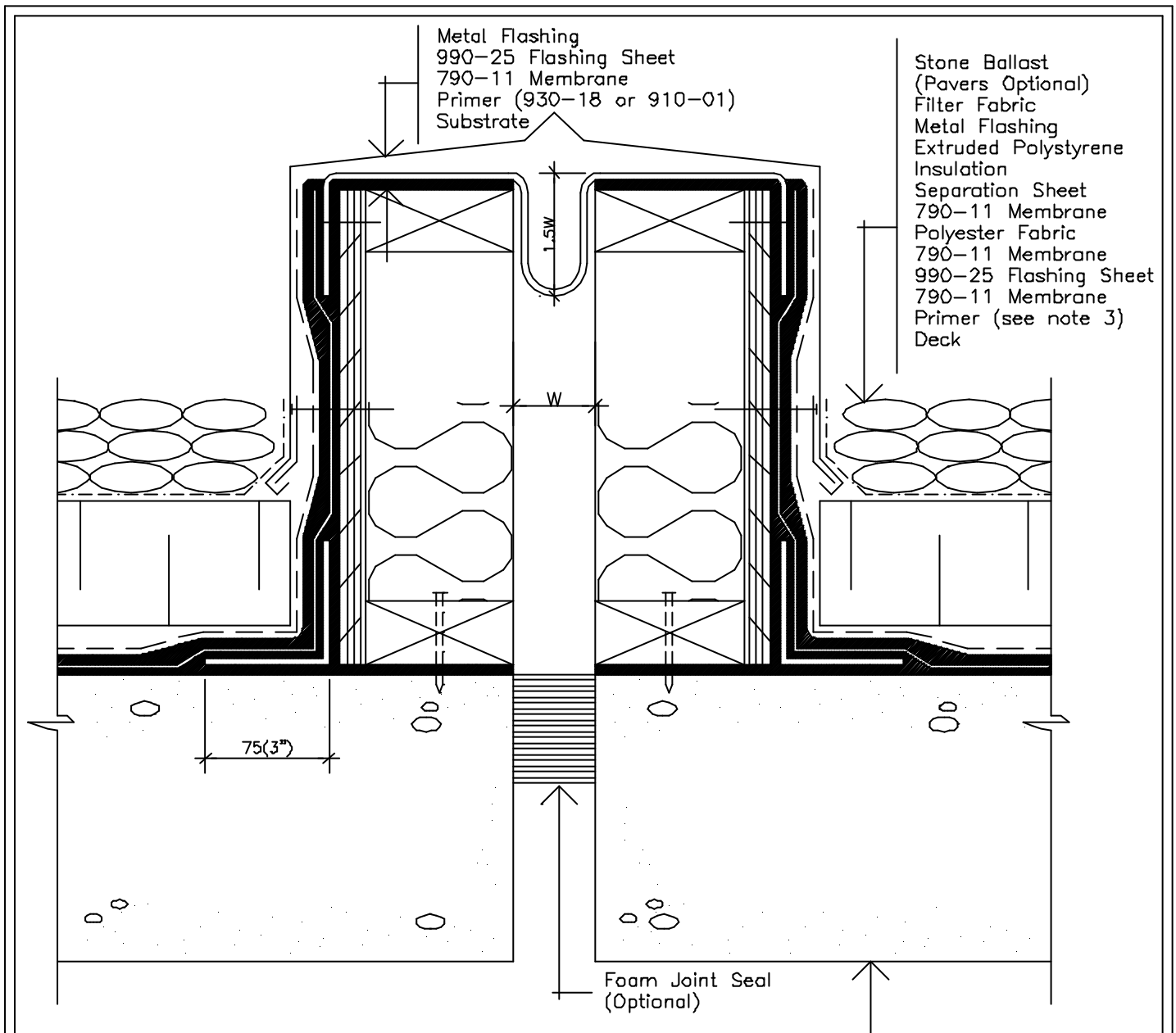
Issued: 05-14-97

Revision: 02

HR-17E97

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Notes

1. This detail shows 990-25 as the flashing sheet. modifiedPLUS[®] SBS modified bitumen membranes may also be used. See MB-14E97 in the modifiedPLUS[®] section of the catalogue for more detail.
2. The Foam Joint Seal provides additional protection for expansion joint details. Use Emseal 20H system, or equal, and follow manufacturers instructions for application specifics.
3. Primer shall be 930-18 or 910-01.

790-11 Membrane P.M.R. Assembly

EXPANSION JOINT

CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

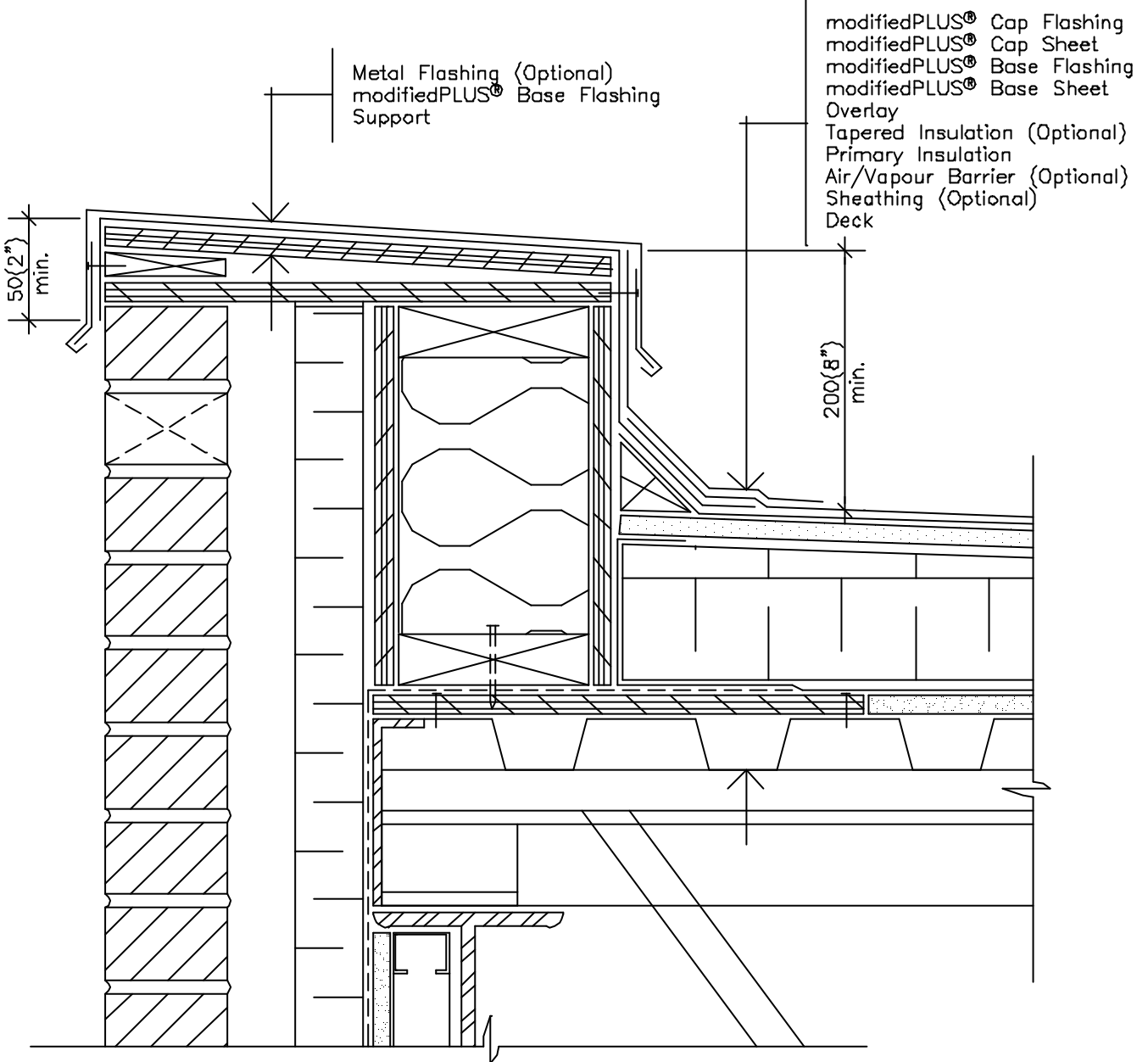
Issued: 05-14-97

Revision: 02

HR-16E97

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Notes

1. The modifiedPLUS® membranes may be thermofused, self-adhered, applied in hot asphalt, or applied in cold adhesive. Consult Technical Data Sheets for specific information as well as priming requirements.
2. The metal flashing may be omitted if the granule surfaced cap sheet flashing membrane is carried over the parapet so that only the granular surface is exposed.
3. The overlay is mandatory on polyisocyanurate, polyurethane and all polystyrene type insulation panels. Ensure the overlay is designed to receive torch applied membranes when the base sheet is thermofused.
4. Cant strips are not required when the cap sheet flashing or all plies are thermofused.
5. Priming is required for all thermofused applications, except to Re-Cover Board or "torch safe" insulation products.

modifiedPLUS® Roofing Systems

PARAPET DETAIL

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

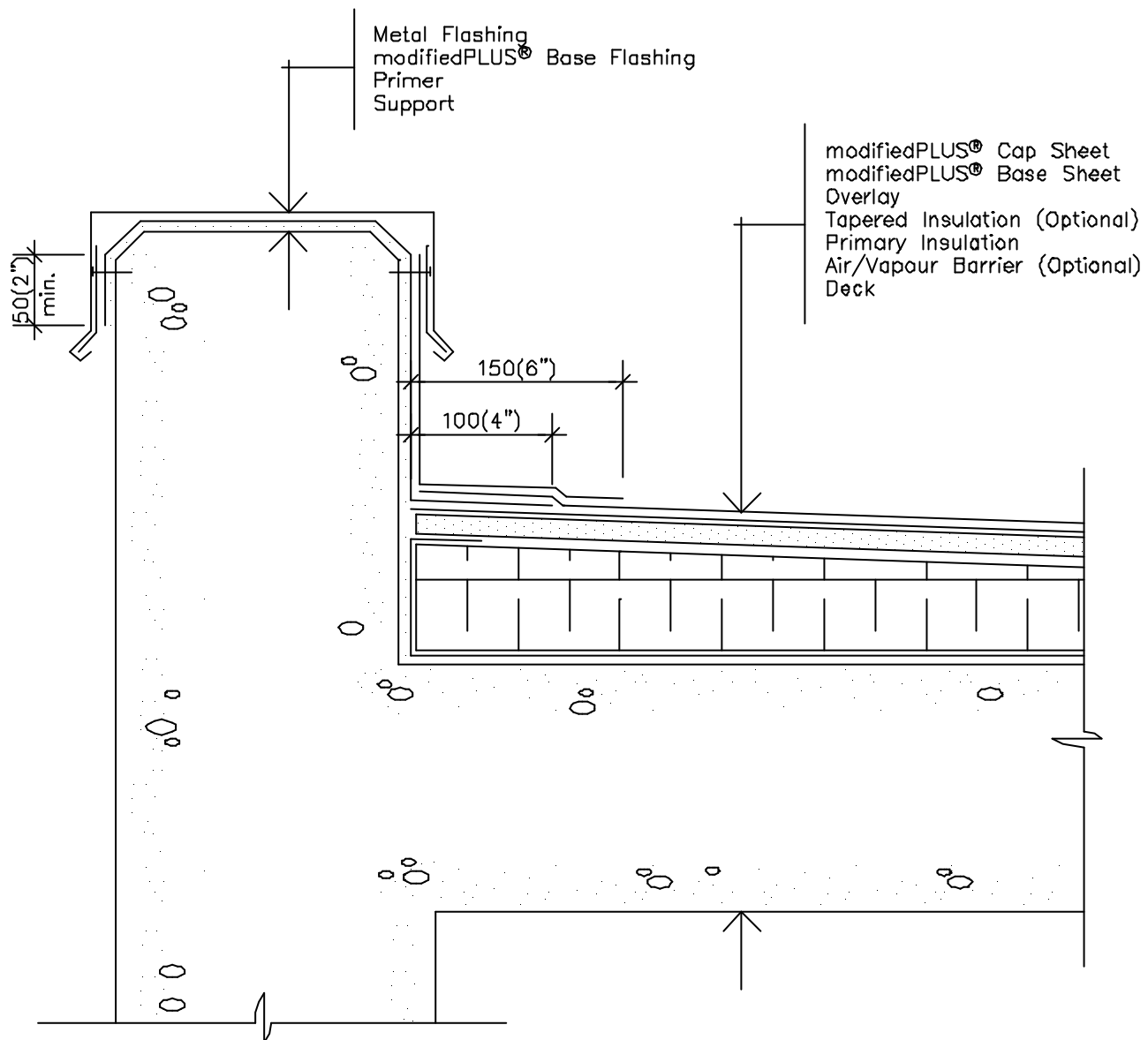
Issued: D5-14-97

Revision: D2

MB-1E97

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Notes

1. Cant strips are not required when the cap sheet flashing or all plies are thermofused.
2. Mechanical fasteners should be spaced at 200mm (8") o.c. on the outside and 450mm (18") on the inside of the parapet.
3. See note 2 on MB-1B97.
4. The air/vapour barrier may be a modifiedPLUS® membrane. See Guide Specifications for product and attachment options.
5. The base sheet may extend 25mm (1") up the vertical to provide temporary watertightness. Ensure edge is sealed.

modifiedPLUS® Roofing Systems

PARAPET DETAIL

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

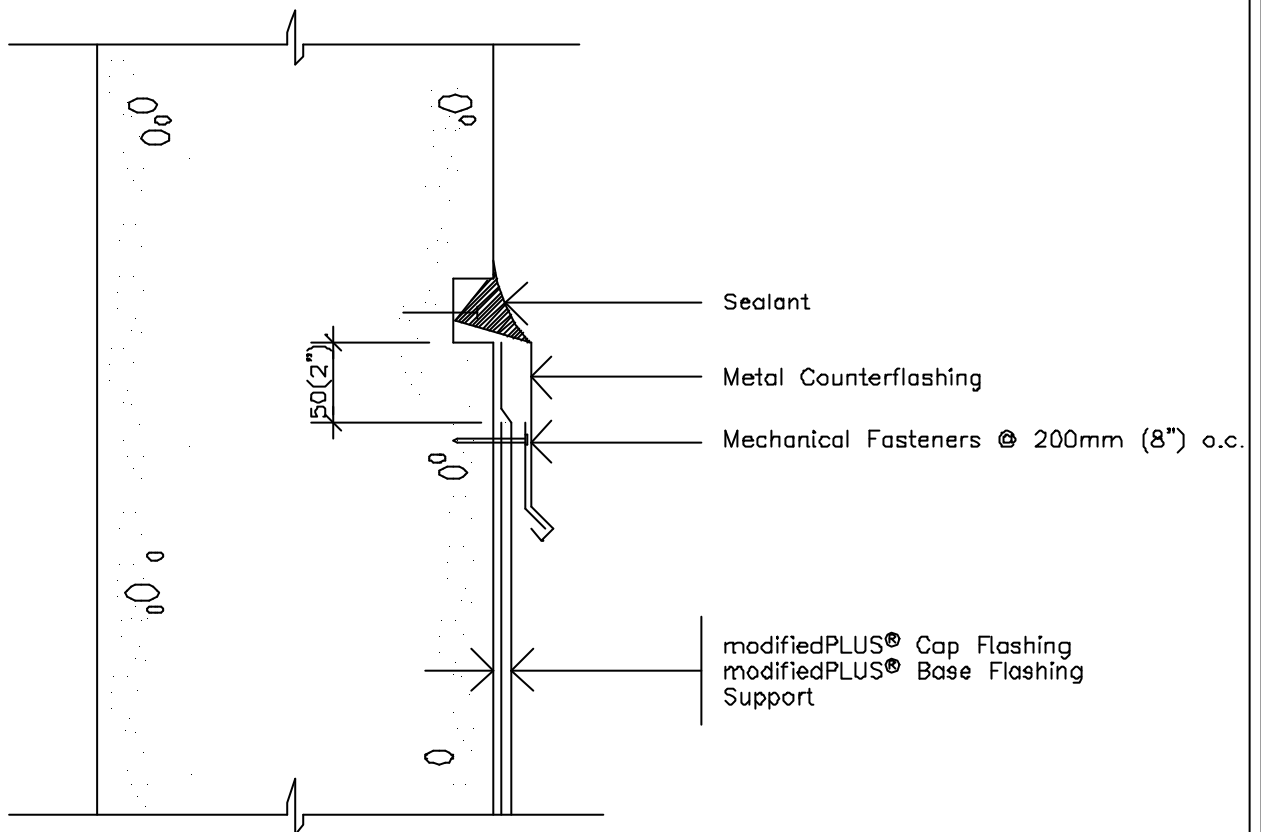
Issued: 05-14-97

Revision: 02

MB-2E97

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Notes

1. The reglet should be a minimum of 200mm (8") from the finished roof surface.
2. Ensure reglet is blown clean prior to applying sealant.
3. The modifiedPLUS® membranes may be thermofused, self-adhered, applied in hot asphalt, or applied in cold adhesive. Consult Technical Data Sheets for specific information as well as priming requirements.

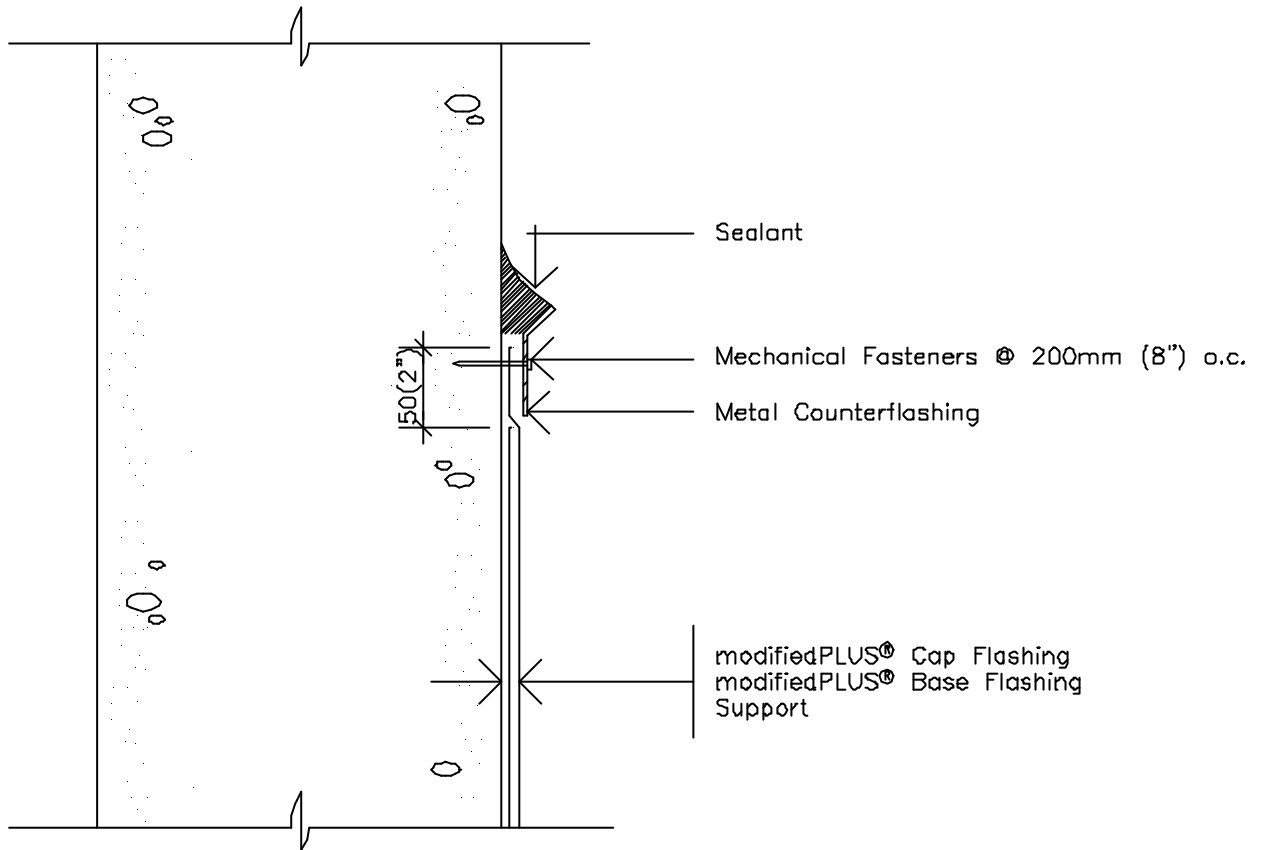
modifiedPLUS® Roofing Systems
**REGLET
 COUNTERFLASHING**
 CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.	Plot: 1:5
Issued: 05-14-97	Revision: 02

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Notes

1. Allow for movement in the termination bar by using slotted anchor holes.
2. The termination bar should be 25mm (1") wide minimum and 3mm (1/8") thick.
3. The modifiedPLUS® membranes may be thermofused, self-adhered, applied in hot asphalt, or applied in cold adhesive. Consult Technical Data Sheets for specific information as well as priming requirements.

modifiedPLUS® Roofing Systems

TERMINATION BAR

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

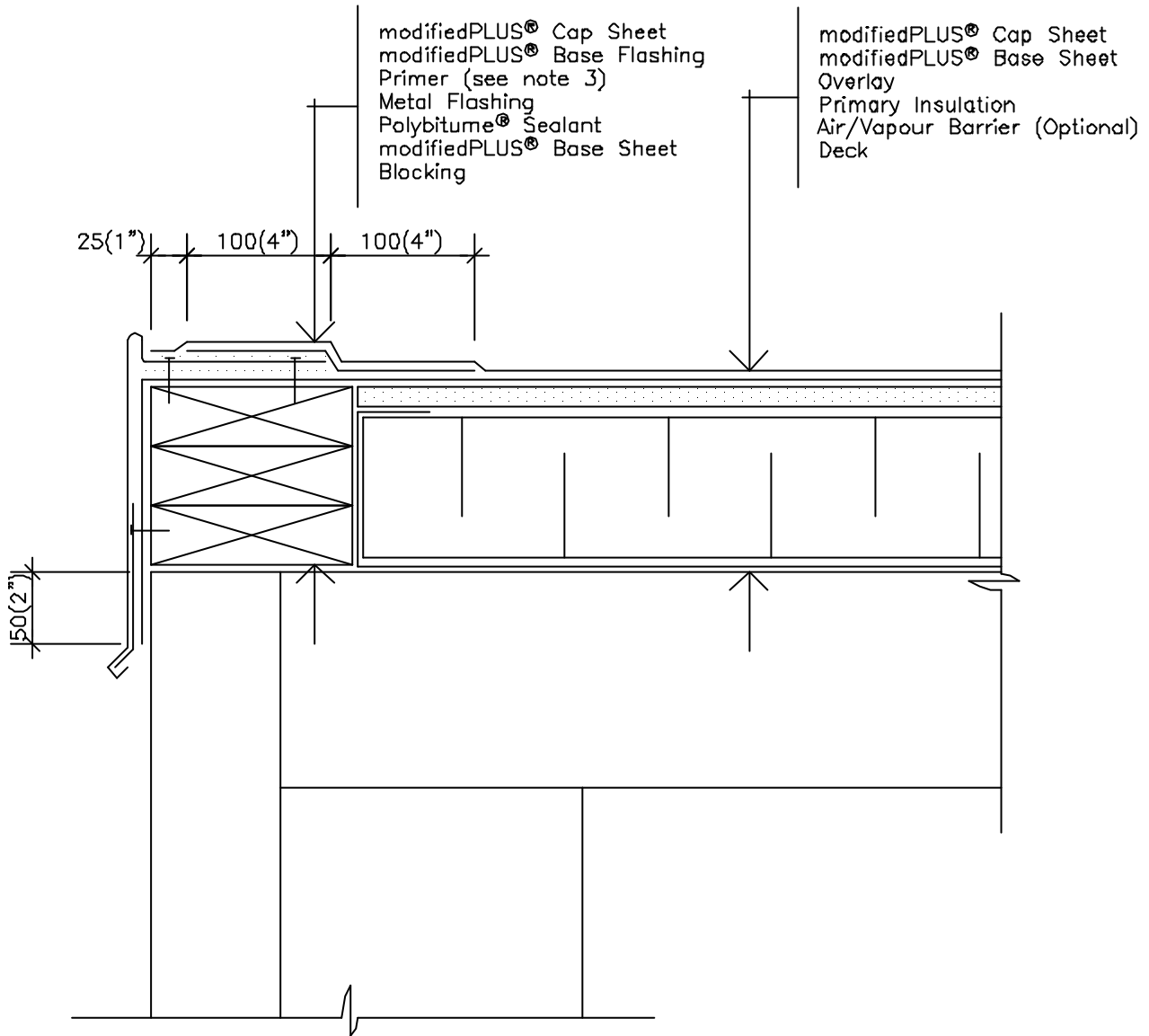
Issued: 05-14-97

Revision: 02

MB-4E97

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Notes

1. Fasten the metal flashing to the wood blocking in a staggered pattern. Frequent fastening will reduce thermal movement.
2. Ensure deck slopes to drain, scupper or eavestrough on perimeter.
3. Priming is required for all thermofused applications, except to Re-Cover Board or "torch safe" insulation products— use 930-18 or 910-01. For self-adhered membranes, use 930-38 or 900-34 primer.

modifiedPLUS® Roofing Systems

ROOF EDGE

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

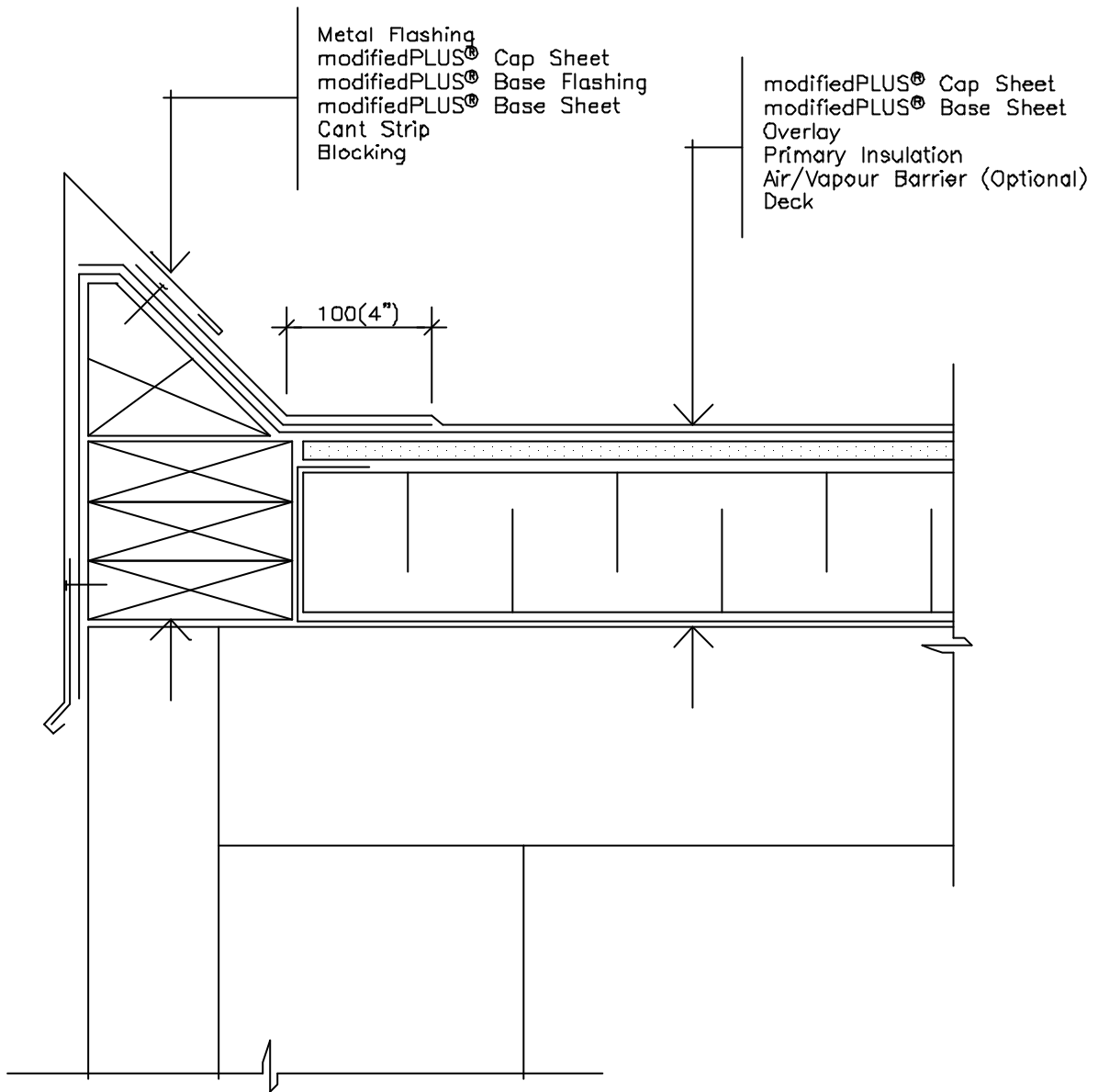
Issued: 05-14-97

Revision: 02

MB-5E97

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
1D Blvd. Gauron, Ville St. Pierre, PQ HBR 1N7



Notes

1. Fasten cant strip solidly to wood blocking using mechanical fasteners. The cant is flat on the top to eliminate a sharp edge.
2. Extend the base flashing sheet down the outside face and fasten at 200mm (8'') o.c.

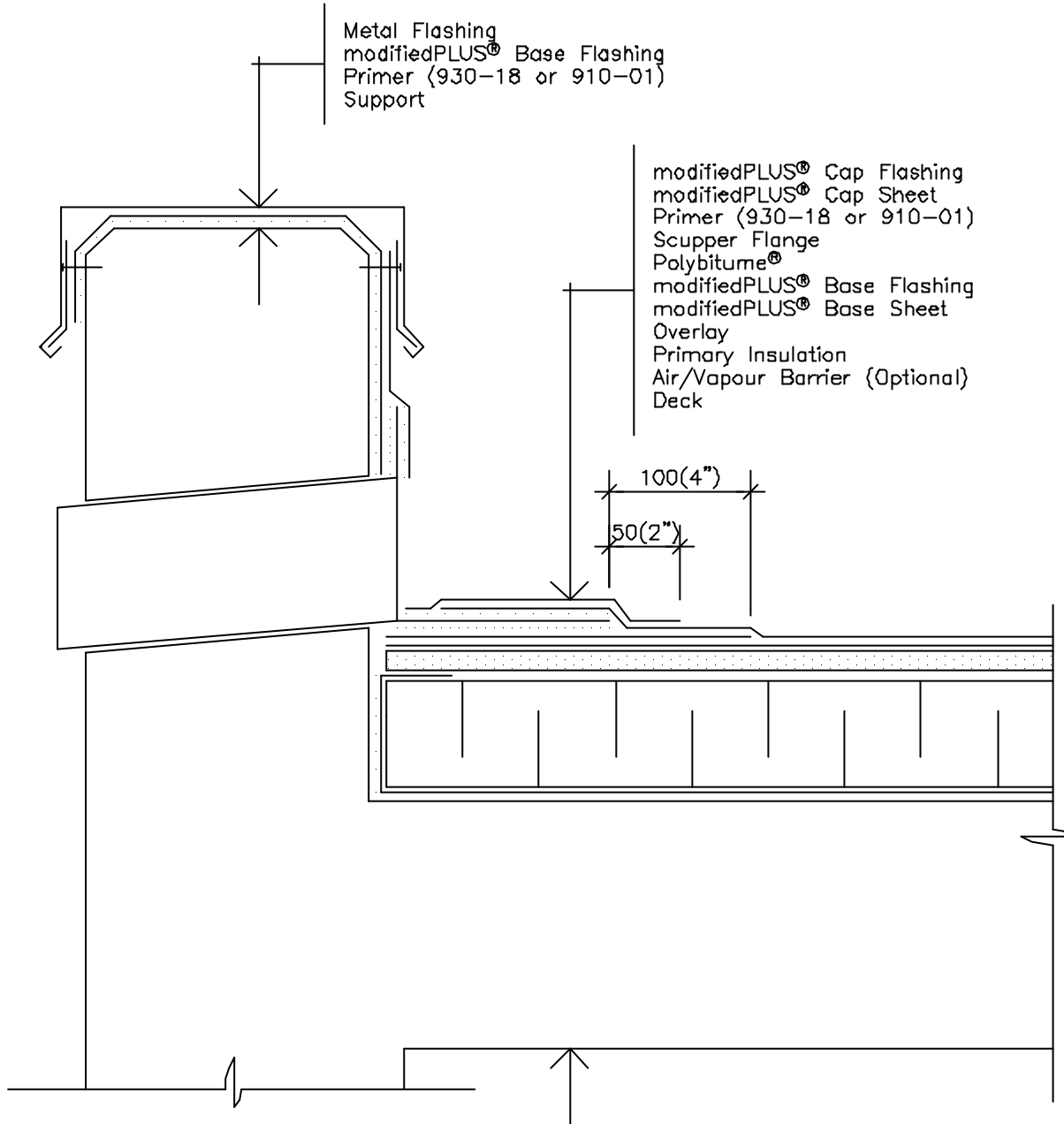
modifiedPLUS® Roofing Systems
**CANTED
 ROOF EDGE**
 CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.	Plot: 1:5
Issued: 05-14-97	Revision: 02

MB-6E97

BAKOR

284 Watline Ave, Mississauga, ON L4Z 1P4
 10 Blvd. Gauran, Ville St. Pierre, PQ H8R 1N7



Notes

1. Ensure adequate drainage towards scupper.
2. This detail does not include a cant strip. If a cant strip is used, flash as per typical details.
3. Drainage in the immediate area around the scupper may be facilitated by incorporating a sump into the insulation components.
4. The modifiedPLUS® membranes may be thermofused, self-adhered, applied in hot asphalt, or applied in cold adhesive. Consult Technical Data Sheets for specific information as well as priming requirements.

modifiedPLUS® Roofing Systems

SCUPPER

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

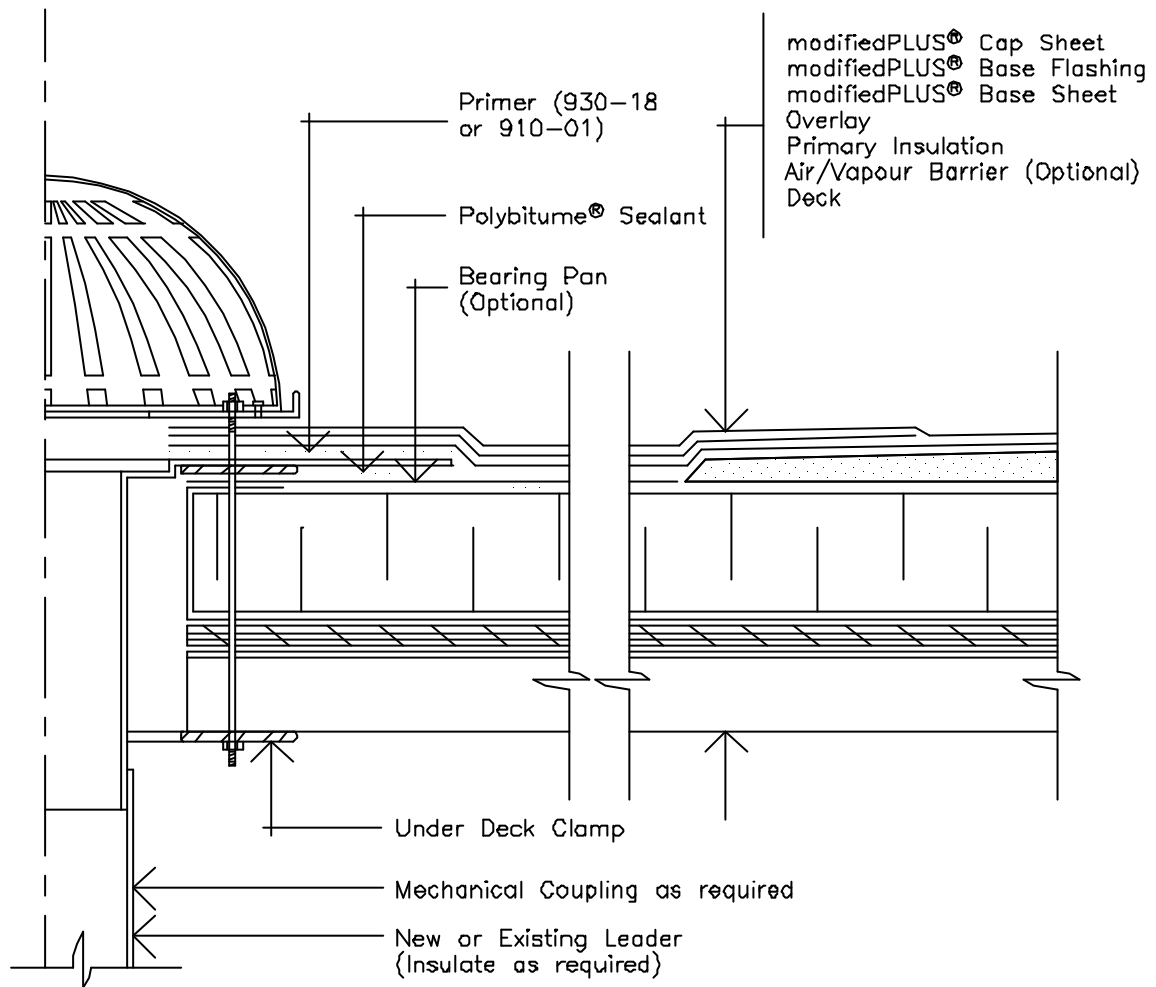
Issued: 05-14-97

Revision: 02

MB-7E97

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. Drain designs vary. Always refer to drain manufacturer's recommendations.
2. The membranes should be mechanically clamped by the drain assembly.
3. A minimum slope of 1:50 (1/4":12) to drain is recommended.
4. Drainage in the immediate area around the drain may be facilitated by tapering the insulation and incorporating a sump.
5. Position base sheet flashing 45 degrees to the base sheet. Use a full width sheet cut square, 1m x 1m (39" x 39").

modifiedPLUS® Roofing Systems

ROOF DRAIN

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S

Plot: 1:5

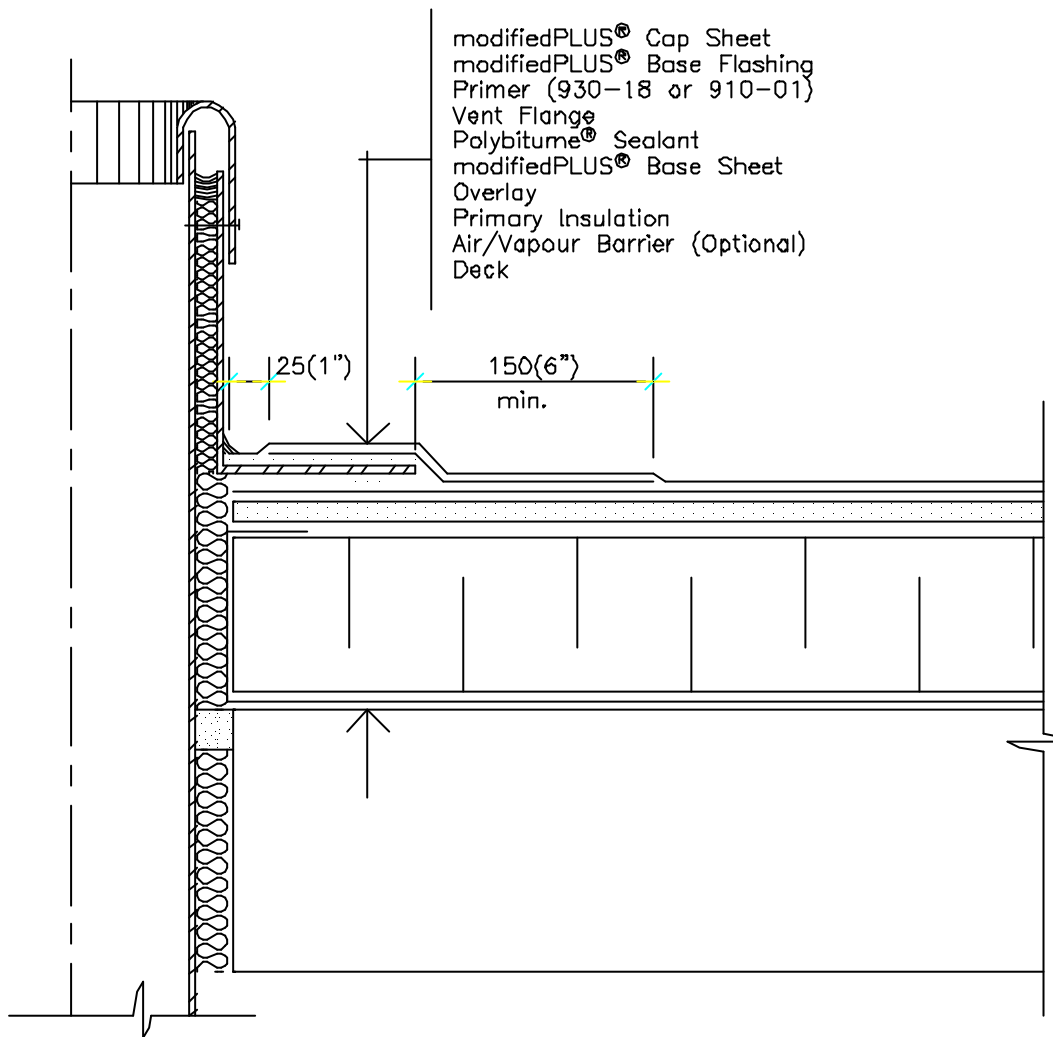
Issued: 05-14-97

Revision: 02

MB-8E97

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modifiedPLUS® Cap Sheet
 modifiedPLUS® Base Flashing
 Primer (930-18 or 910-01)
 Vent Flange
 Polybitume® Sealant
 modifiedPLUS® Base Sheet
 Overlay
 Primary Insulation
 Air/Vapour Barrier (Optional)
 Deck

25(1'') 150(6'')
 min.

Notes

1. The gap between the vent stack and vent flashing may be insulated to prevent condensation. Seal the top with mastic and fasten cap.
2. A kraft type vapour retarder may be used to wrap the insulation layer at the vent.
3. The vent flashing is set in Polybitume® sealant and the top surface is primed prior to installing the membrane.
4. The modifiedPLUS® membranes may be thermofused, self-adhered, applied in hot asphalt, or applied in cold adhesive. Consult Technical Data Sheets for specific information as well as priming requirements.

modifiedPLUS® Roofing Systems

VENT FLASHING

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

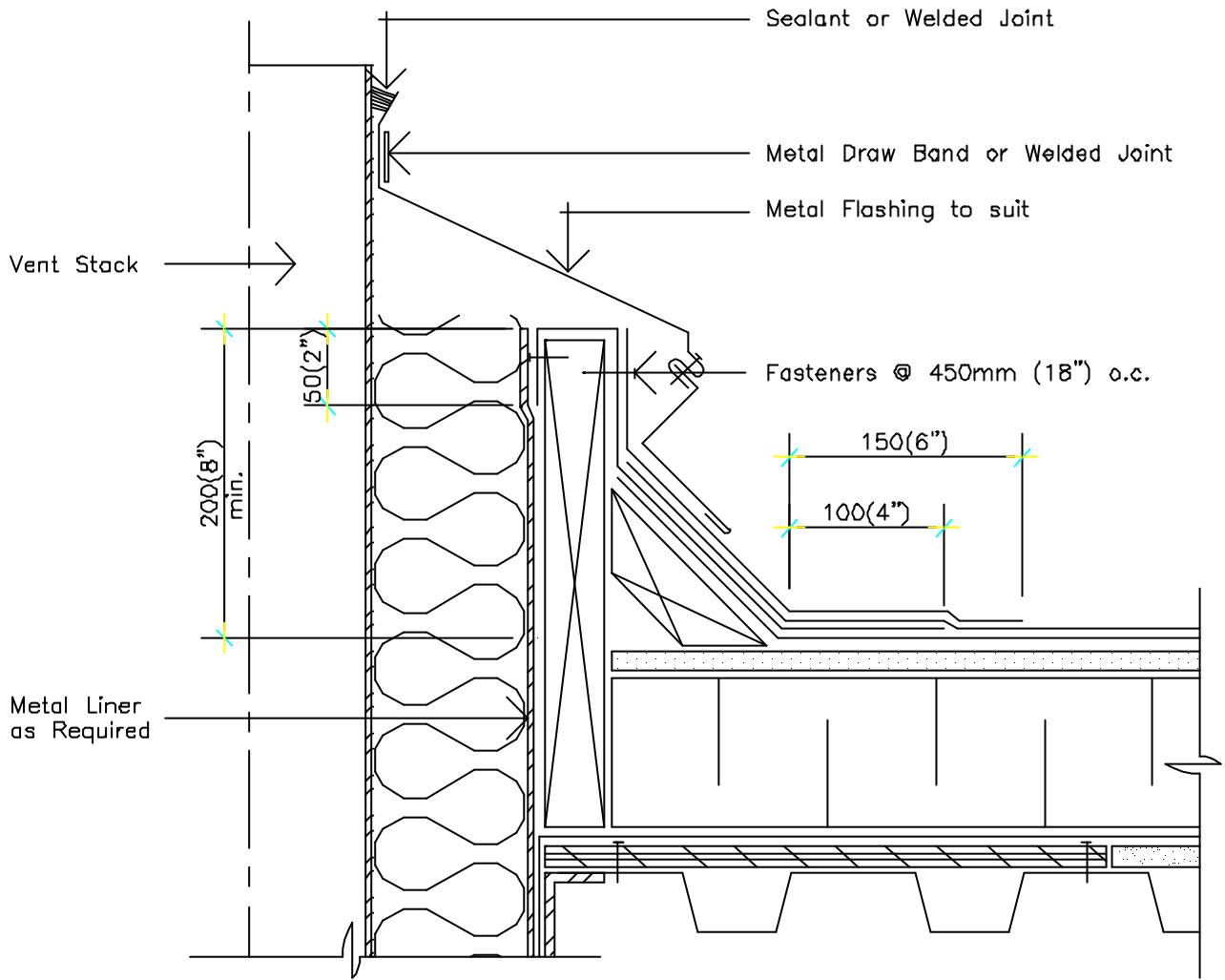
Issued: 05-14-97

Revision: 02

MB-9E97

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 10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. This detail allows the opening to be completed before the stack is in place. The metal sleeve and the clearance necessary will depend on the temperature of the material handled by the stack.
2. Cant strips are not required when the cap flashing or all plies are thermofused.
3. Vertical wood member may be replaced by an upgraded assembly as shown in detail MB-13E97.

modifiedPLUS[®] Roofing Systems

STACK FLASHING

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

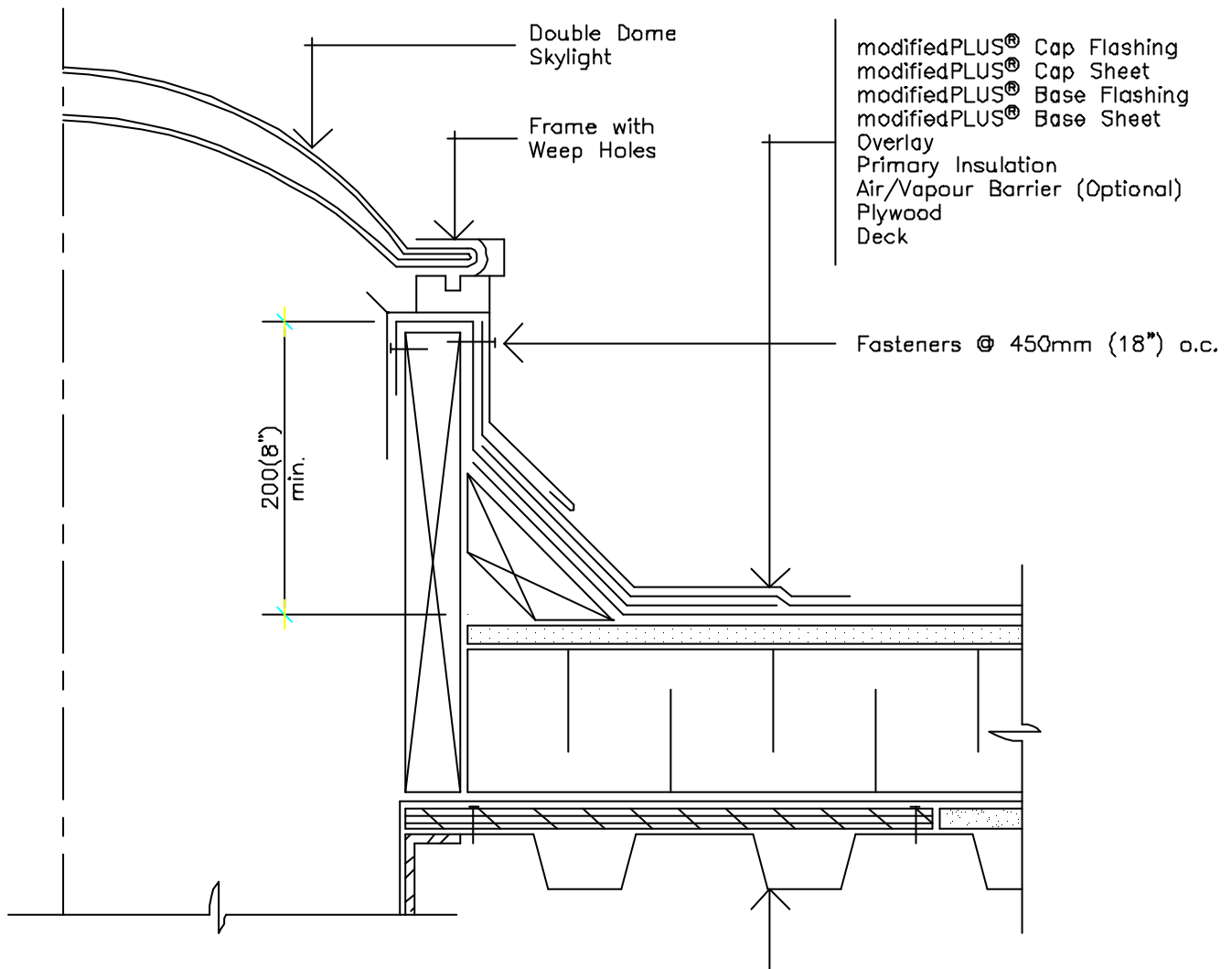
Issued: 05-14-97

Revision: 02

MB-10E97

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Notes

1. This is a typical curb detail which applies to skylights, hatches or any curb situation.
2. Cant strips are not required when the cap flashing or all plies are thermofused.
3. Vertical wood member may be replaced by an upgraded assembly as shown in detail MB-13E97.
4. The modifiedPLUS® membranes may be thermofused, self-adhered, applied in hot asphalt, or applied in cold adhesive. Consult Technical Data Sheets for specific information as well as priming requirements.

modifiedPLUS® Roofing Systems

SKYLIGHT, CURB

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

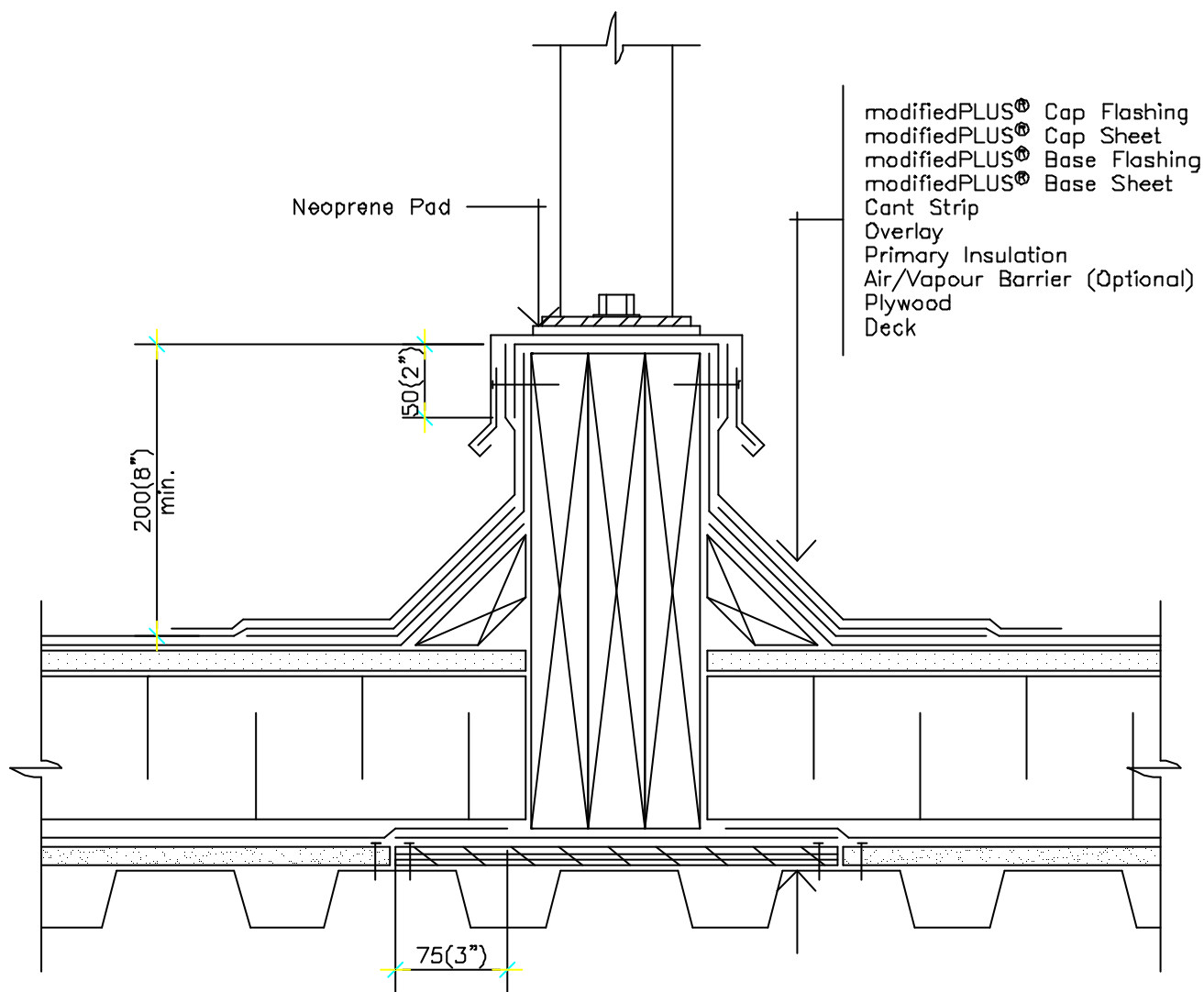
Issued: 05-14-97

Revision: 02

MB-11E97

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10 Blvd. Gauron, Ville St Pierre, PQ H8R 1N7



Notes

1. This detail facilitates roof maintenance around equipment signs.
2. Cant strips are not required when the cap flashing or all plies are thermofused.
3. Sheathing at deck level is optional. Refer to local codes.
4. A section of air/vapour barrier is installed prior to the structural support to ensure continuity in this area.
5. The modifiedPLUS® membranes may be thermofused, self-adhered, applied in hot asphalt, or applied in cold adhesive. Consult Technical Data Sheets for specific information as well as priming requirements.

modifiedPLUS® Roofing Systems
**STRUCTURAL
 SUPPORT**
 CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

Issued: 05-14-97

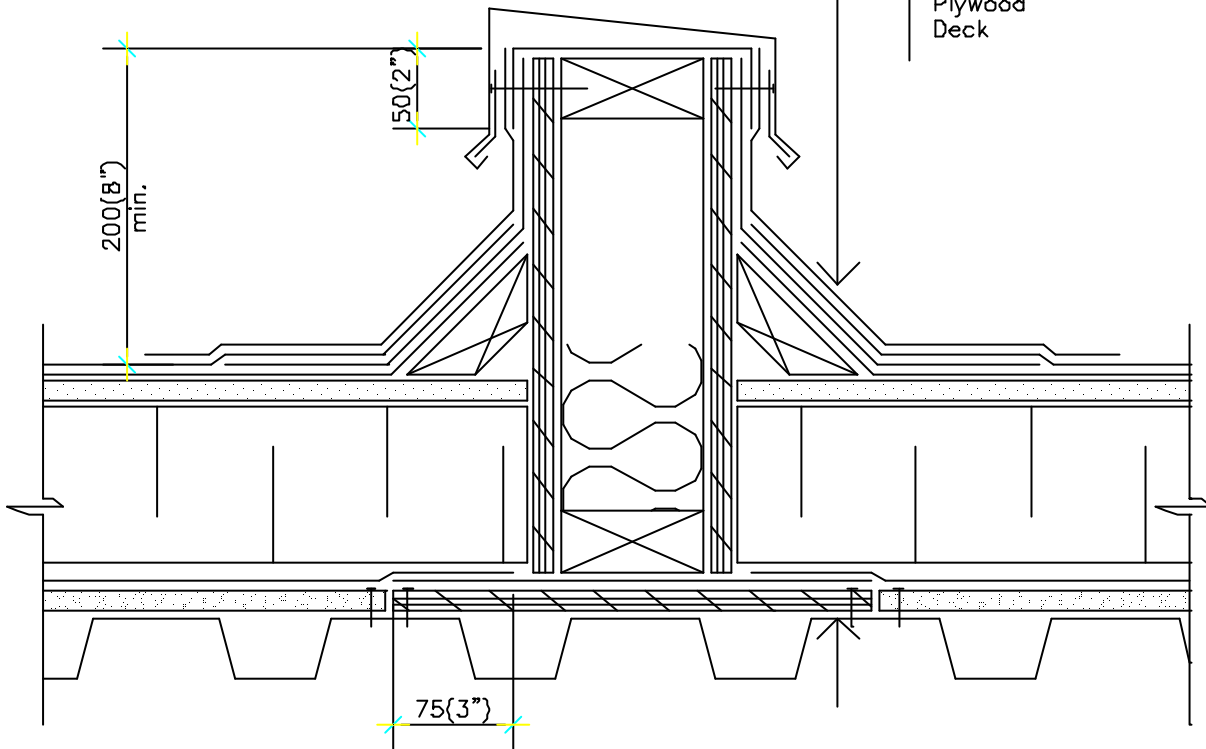
Revision: 02

MB-12E97

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
 10 Blvd Gauron, Ville St. Pierre, PQ H8R 1N7

modifiedPLUS® Cap Flashing
 modifiedPLUS® Cap Sheet
 modifiedPLUS® Base Flashing
 modifiedPLUS® Base Sheet
 Cant Strip
 Overlay
 Primary Insulation
 Air/Vapour Barrier (Optional)
 Plywood
 Deck



Notes

1. An area divider is designed simply as a framed member attached to a properly flashed wood base plate that is anchored to the roof deck. Area dividers are not required to eliminate membrane stresses but are often used as terminations where reroofing is involved.
2. The air/vapour barrier membrane should be installed under the divider when the divider is installed. This may involve the coordination of rough carpentry and roofing. Overlap 75mm (3") on each side of the air/vapour barrier.
3. Cant strips are not required when the cap sheet flashing or all plies are thermofused.
4. Sheathing at deck level is optional. Refer to local codes.
5. Priming is required with all thermofused or self-adhered membranes.

modifiedPLUS® Roofing Systems

AREA DIVIDER

CONVENTIONAL ROOFING ASSEMBLY

Scale: N T S

Plot: 1:5

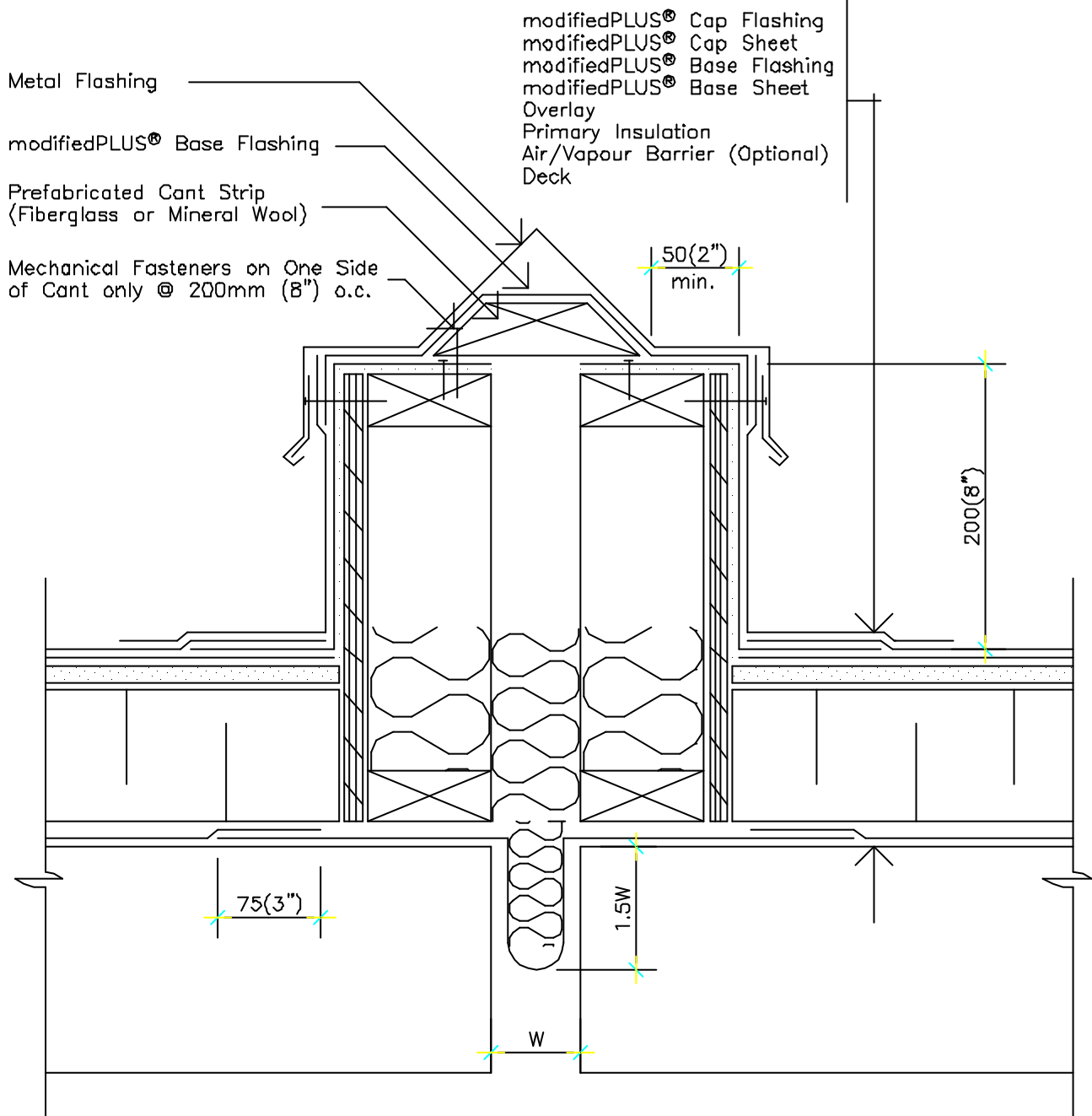
Issued: 05-14-97

Revision: 02

MB-13E97

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10 blvd Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. The base sheet flashing is thermofused to the horizontal surface and vertical surface only and is left unbonded over the prefabricated cant strip.
2. This detail is recommended for expansion joints up to 50mm (2") wide.
3. A polyester reinforced base sheet flashing is required over the cant strip.
4. Wood cant strips are not acceptable over the expansion joint.
5. The base sheet may extend 25mm (1") up the vertical to provide temporary watertightness. Ensure edge is sealed.

modifiedPLUS® Roofing Systems

EXPANSION JOINT

CONVENTIONAL ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

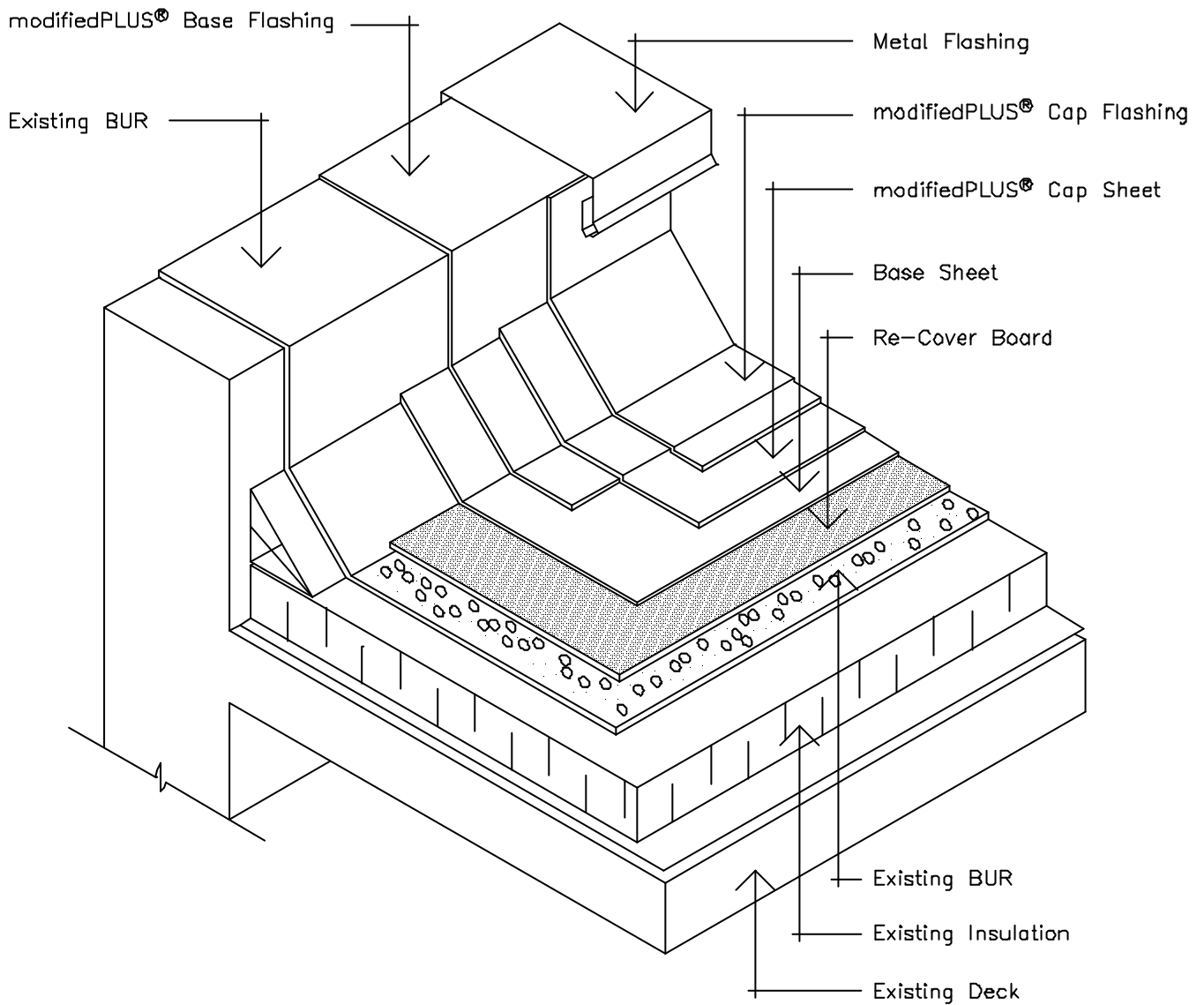
Issued: 05-14-97

Revision: 02

MB-14E97

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284 Watline Ave., Mississauga, ON L4Z 1P4
 10 blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. Re-Cover Board may be mechanically fastened, hot map applied or cold adhered. See Re-Cover Board technical data sheet.
2. The loose gravel must be removed prior to installing Re-Cover Board.
3. The existing roof assembly must meet the requirements of the Re-Cover system.
4. The base sheet may be a modifiedPLUS® base sheet, two plies of Type IV or Type VI glass felts or a No. 28 base sheet.

modifiedPLUS® Roofing Systems

SYSTEM DETAIL

RE-COVER ROOFING ASSEMBLY

Scale: N T S

Plot: 1:10

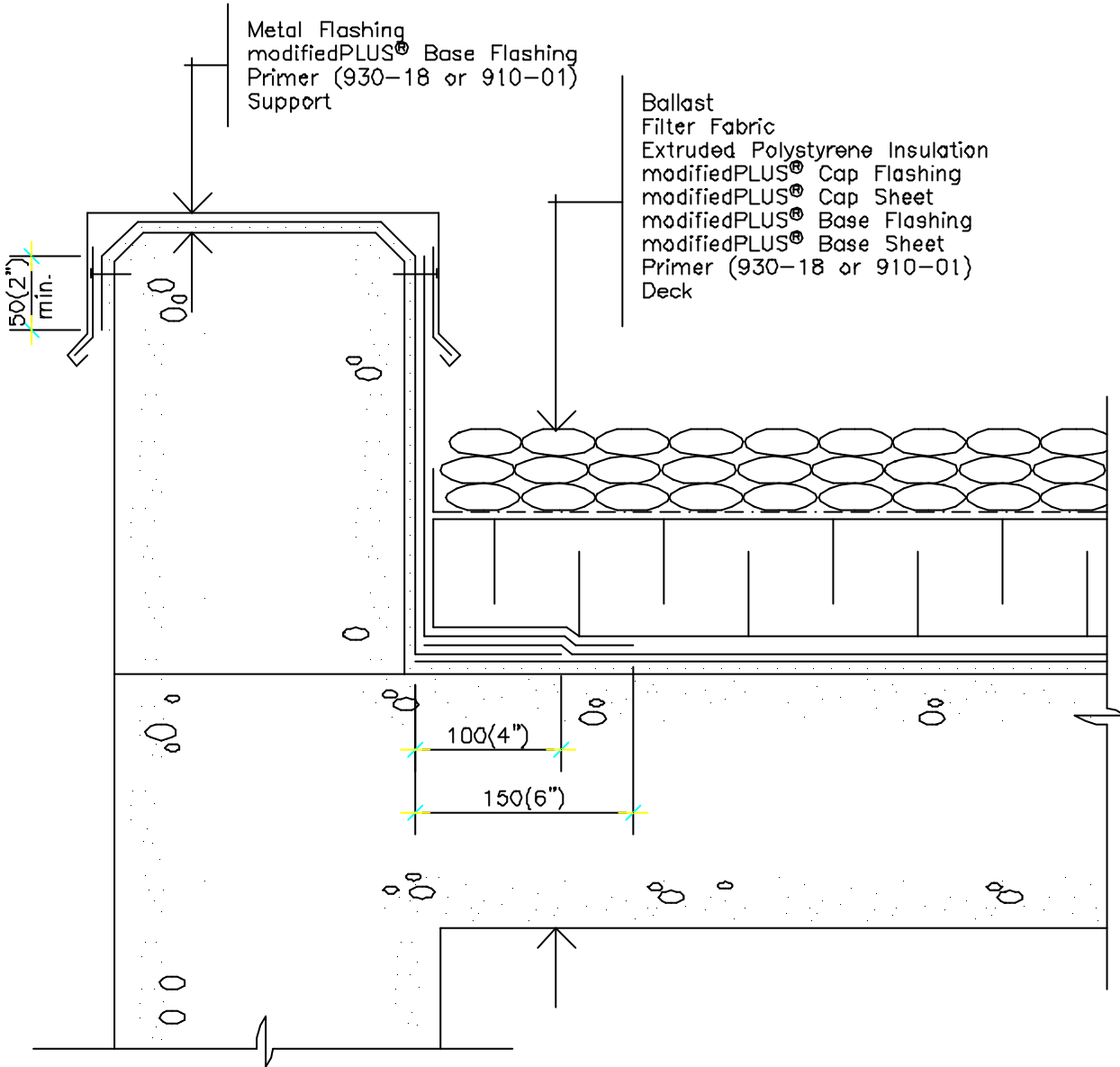
Issued: 05-14-97

Revision: 02

MB-17E97

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. Applications to concrete decks are typically thermofused. Use 930-18 or 910-01 primer. See Specification Submittals for other applications to concrete decks.
2. Cant strips are not required when the cap sheet flashing or all plies are thermofused.
3. The cap sheet flashing membrane must have a granule surface if it is exposed.
4. The termination detail may be as shown or as per MB-3B97 or MB-4B97.
5. Bevelled edges on poured concrete corners are recommended.
6. A drainage layer or channeled insulation panels may be used.
7. The base sheet may extend 25mm (1") up the vertical to provide temporary watertightness. Ensure edge is sealed.

modifiedPLUS® Roofing Systems

PARAPET DETAIL

P.M.R. ASSEMBLY

Scale: N.T.S.

Plot: 1:5

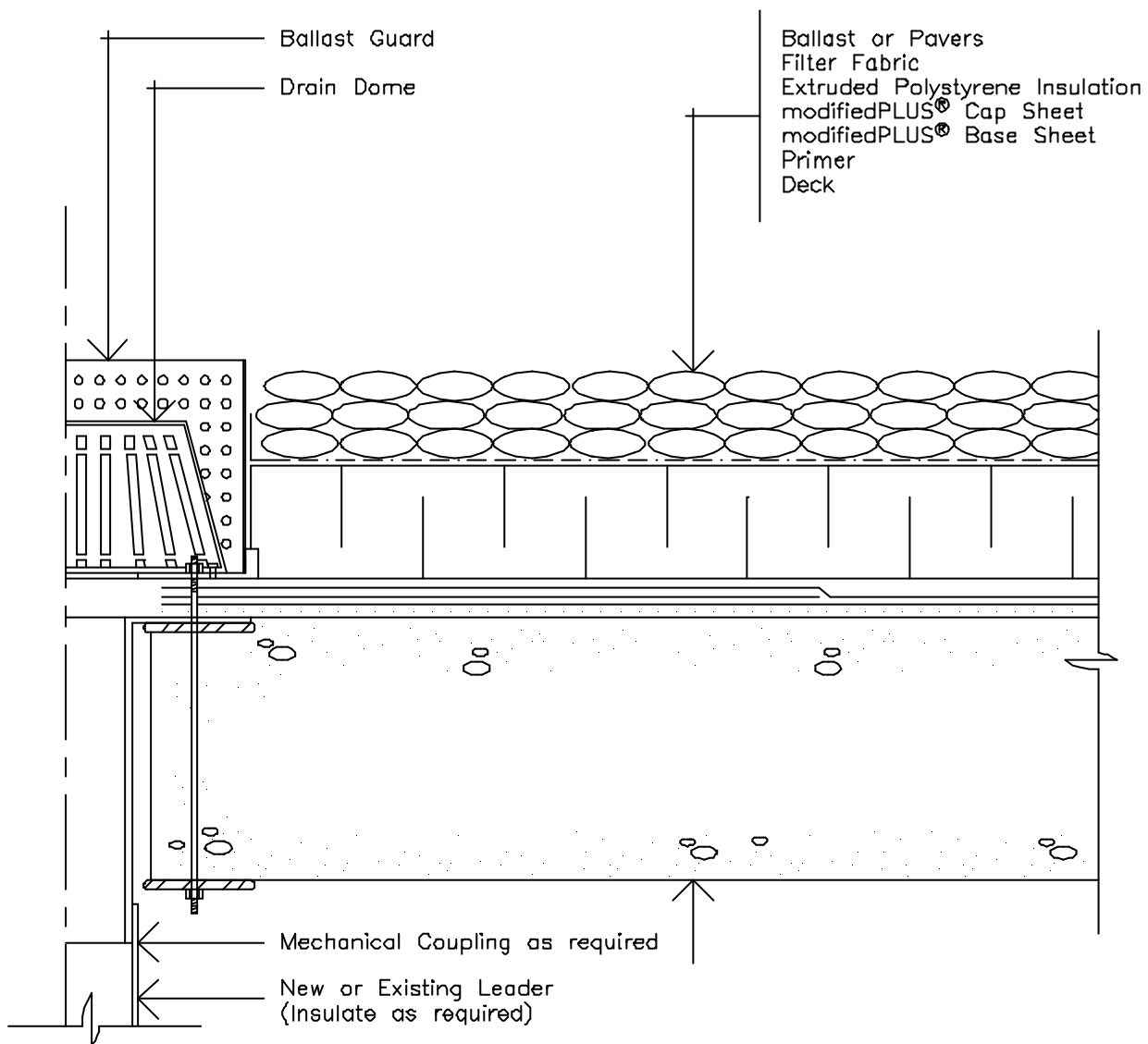
Issued: 05-14-97

Revision: 02

MB-15E97

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. Applications to concrete decks are typically thermofused. Use 930-18 or 910-01 primer. See Specification Submittals for other applications to concrete decks.
2. Drain designs vary. Always refer to drain manufacturer's recommendations.
3. The base sheet flashing and the cap sheet should be mechanically clamped by the drain assembly.
4. Position base sheet flashing 45 degrees to the base sheet. Use a full width sheet cut square.

modifiedPLUS® Roofing Systems

ROOF DRAIN

P.M.R. ASSEMBLY

Scale: N.T.S.

Plot: 1:5

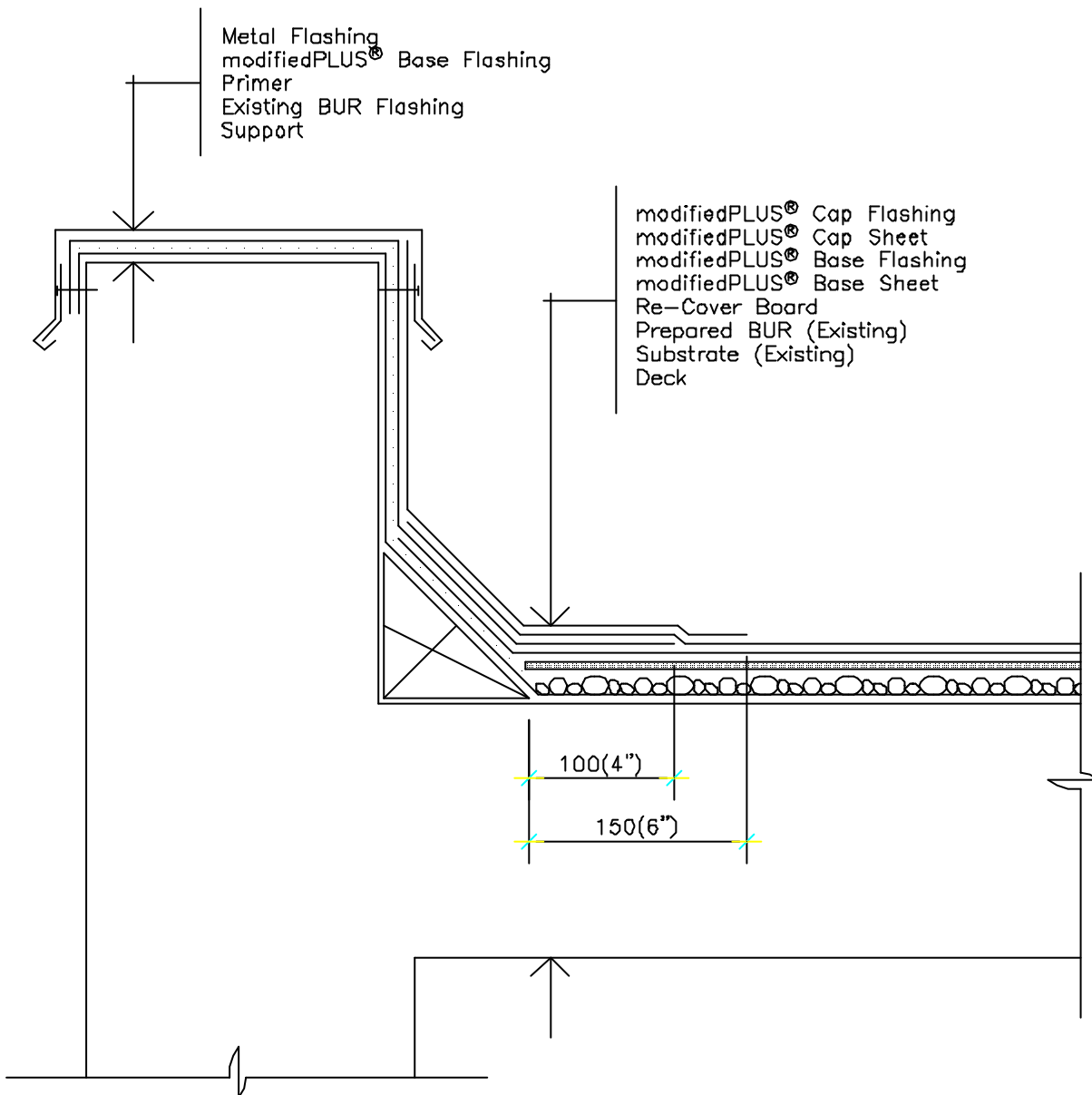
Issued: 05-14-97

Revision: 02

MB-16E97

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10 Blvd Gauron, Ville St Pierre, PQ H8R 1N7



Notes

1. Remove embedded gravel on cant strips prior to applying base sheet flashing.
2. When Re-Cover Board is adhered with hot asphalt or cold adhesive, the existing BUR should be wet-vacuumed rather than mechanically swept.
3. Primer is required over the existing BUR flashing prior to installing the base sheet flashing.
4. The base sheet may extend 25mm (1") up the vertical to provide temporary watertightness. Ensure edge is sealed.
5. The metal flashing may be omitted if the granule surfaced cap sheet flashing membrane is carried over the parapet so that only the granular surface is exposed.

modifiedPLUS® Roofing Systems

PARAPET DETAIL

RE-COVER ROOFING ASSEMBLY

Scale: N.T.S.

Plot: 1:5

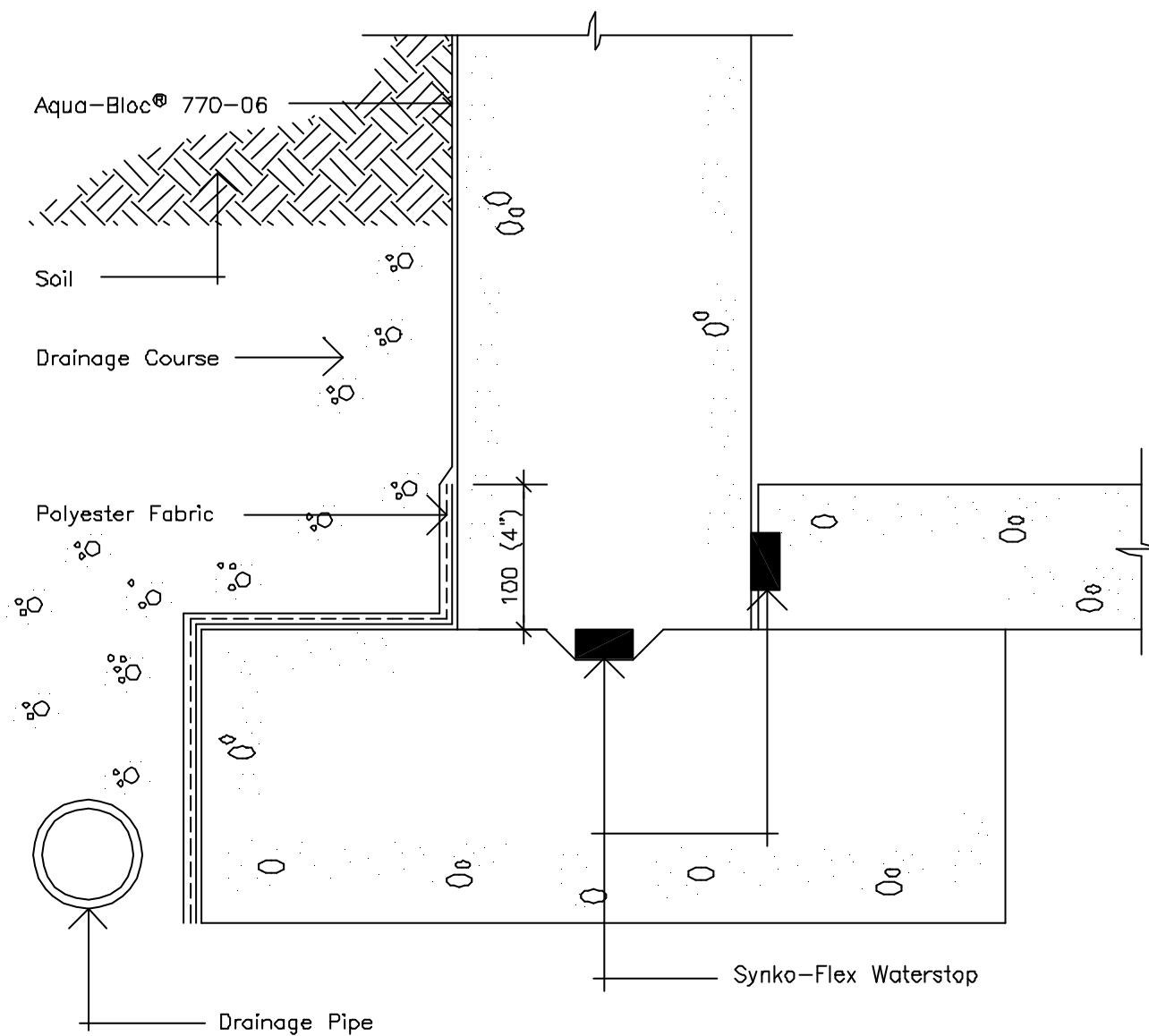
Issued: 05-14-97

Revision: 02

MB-18E97

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. All corners shall be reinforced with a layer of Polyester Fabric extending 100mm (4") from the change in plane.

Aqua-Bloc® 770-06
 FOUNDATION
 WALL
 TYPICAL DETAIL

Scale: N.T.S.

Plot: 1:5

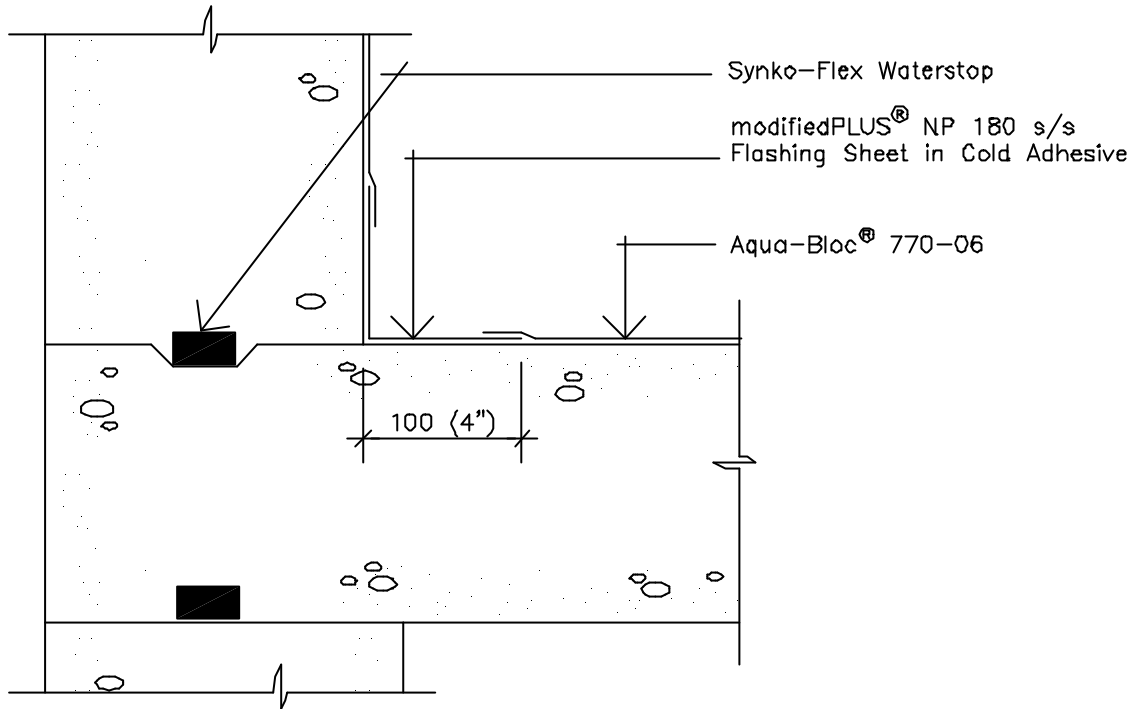
Issued: 02-14-98

Revision: 02

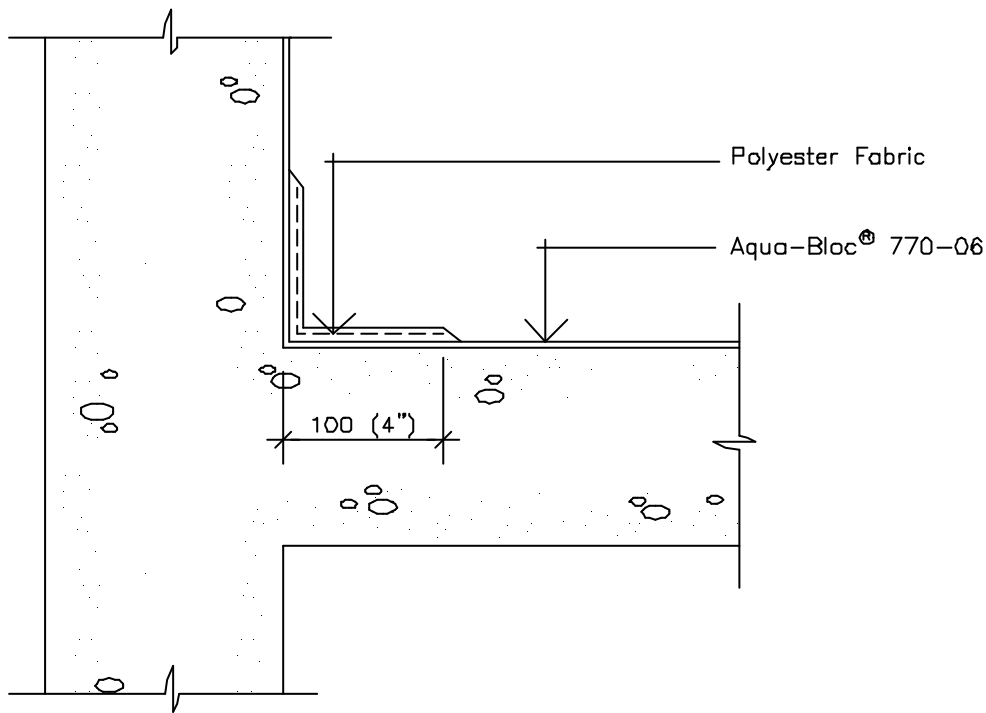
AQ-4B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
 10 blvd. Gauran, Ville St Pierre, PQ H8R 1N7



Non-Monolithic Deck to Wall Juncture



Monolithic Deck to Wall Juncture

Aqua-Bloc[®] 770-06

Scale: N.T.S.

Plot: 1:5

Issued: 02-14-98

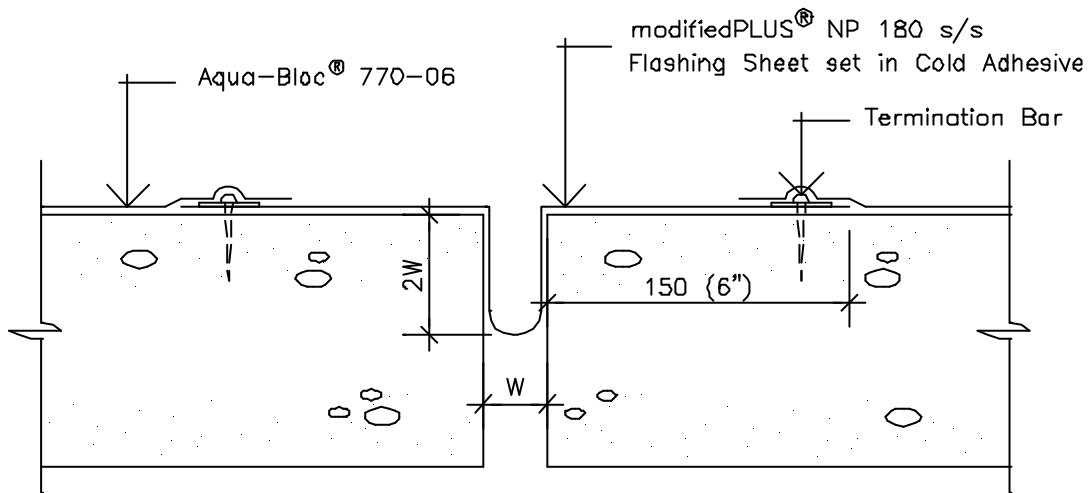
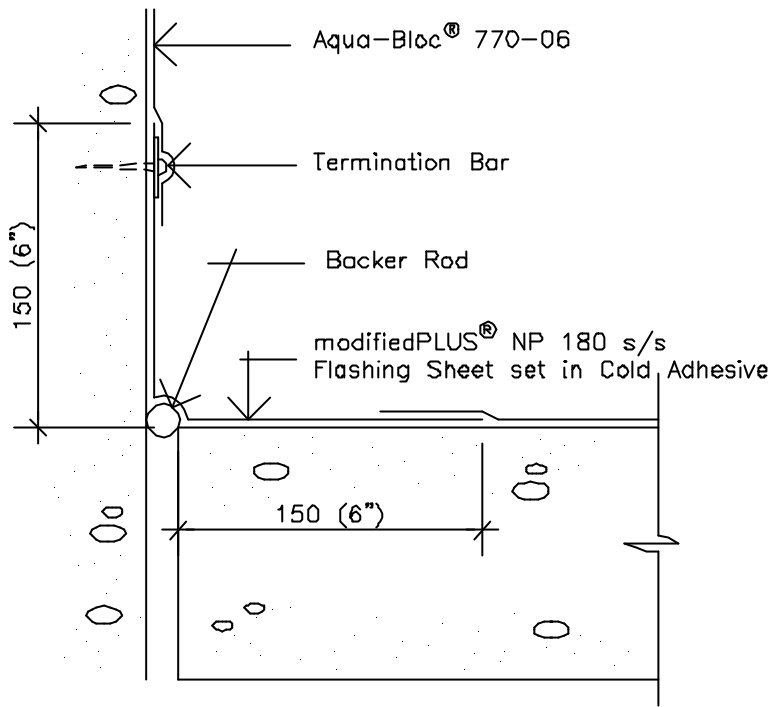
Revision: 02

CONSTRUCTION
JOINTS
CONCRETE DECK

AQ-2B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Aqua-Bloc® 770-06

EXPANSION JOINTS

CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

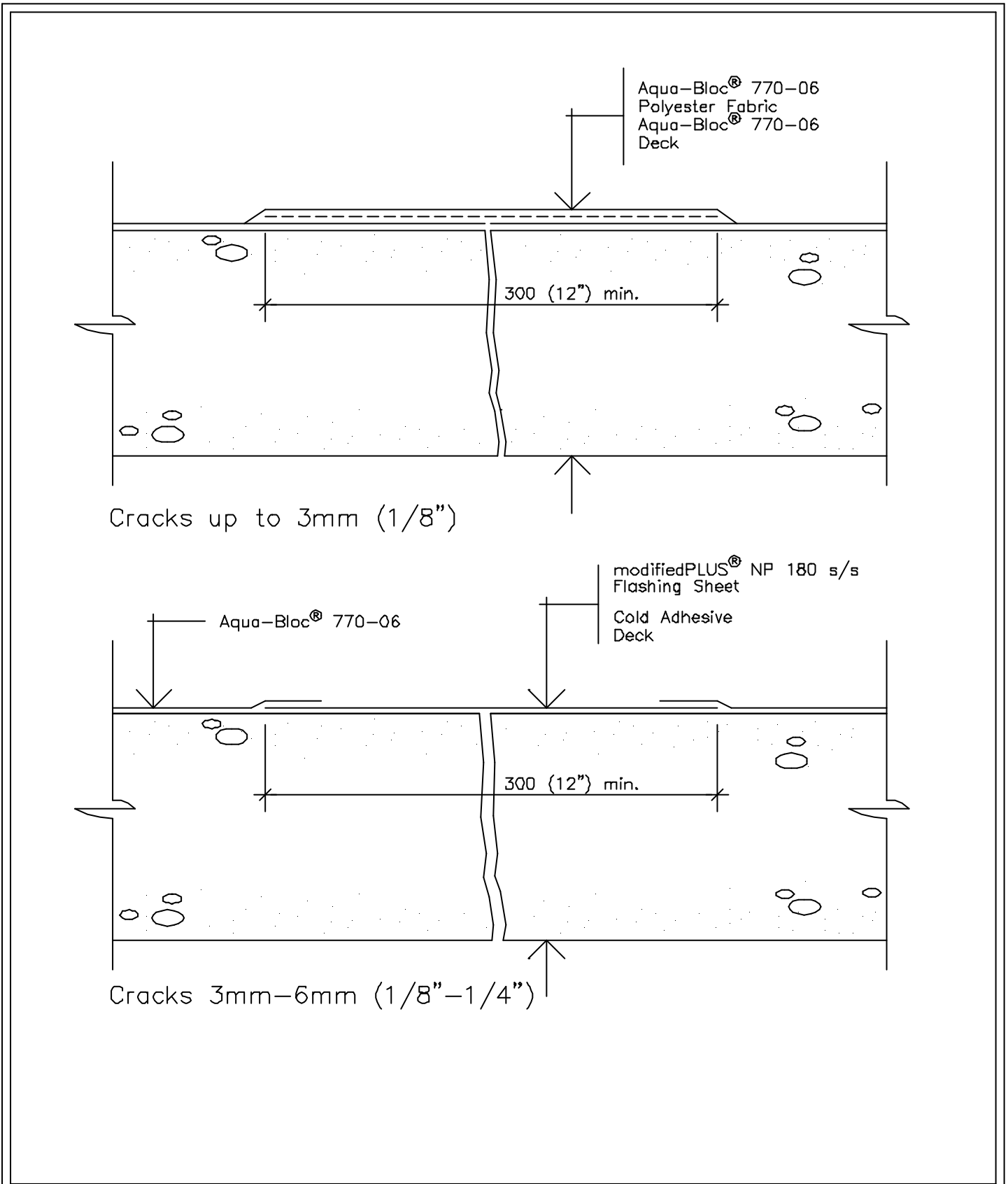
Issued: 02-14-98

Revision: 02

AQ-3B98

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10 Blvd. Gauron, Ville St Pierre, PQ H8R 1N7



Aqua-Bloc® 770-06
CRACK
TREATMENT
CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

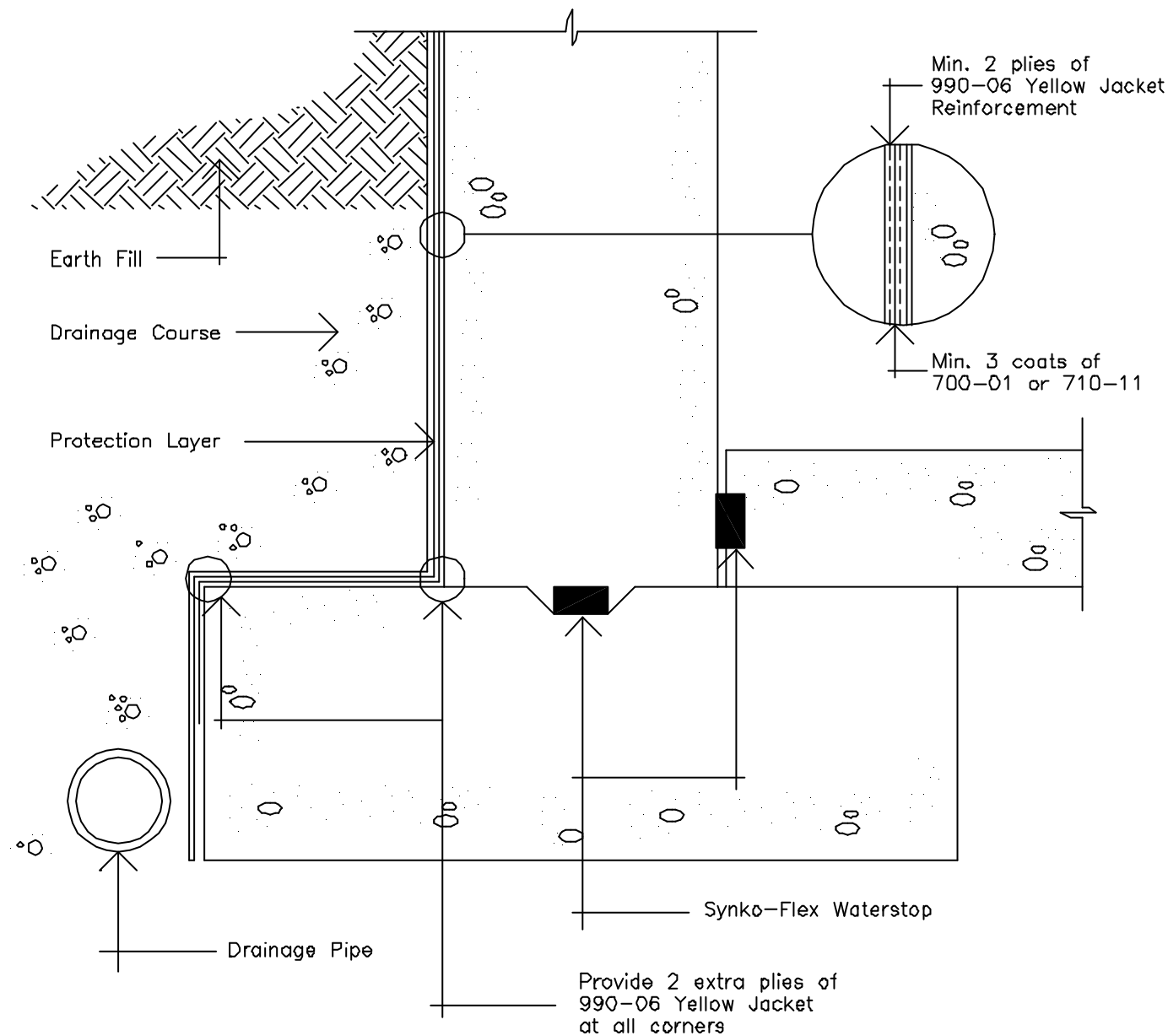
Issued: 02-14-98

Revision: 02

AQ-1B98


BAKOR

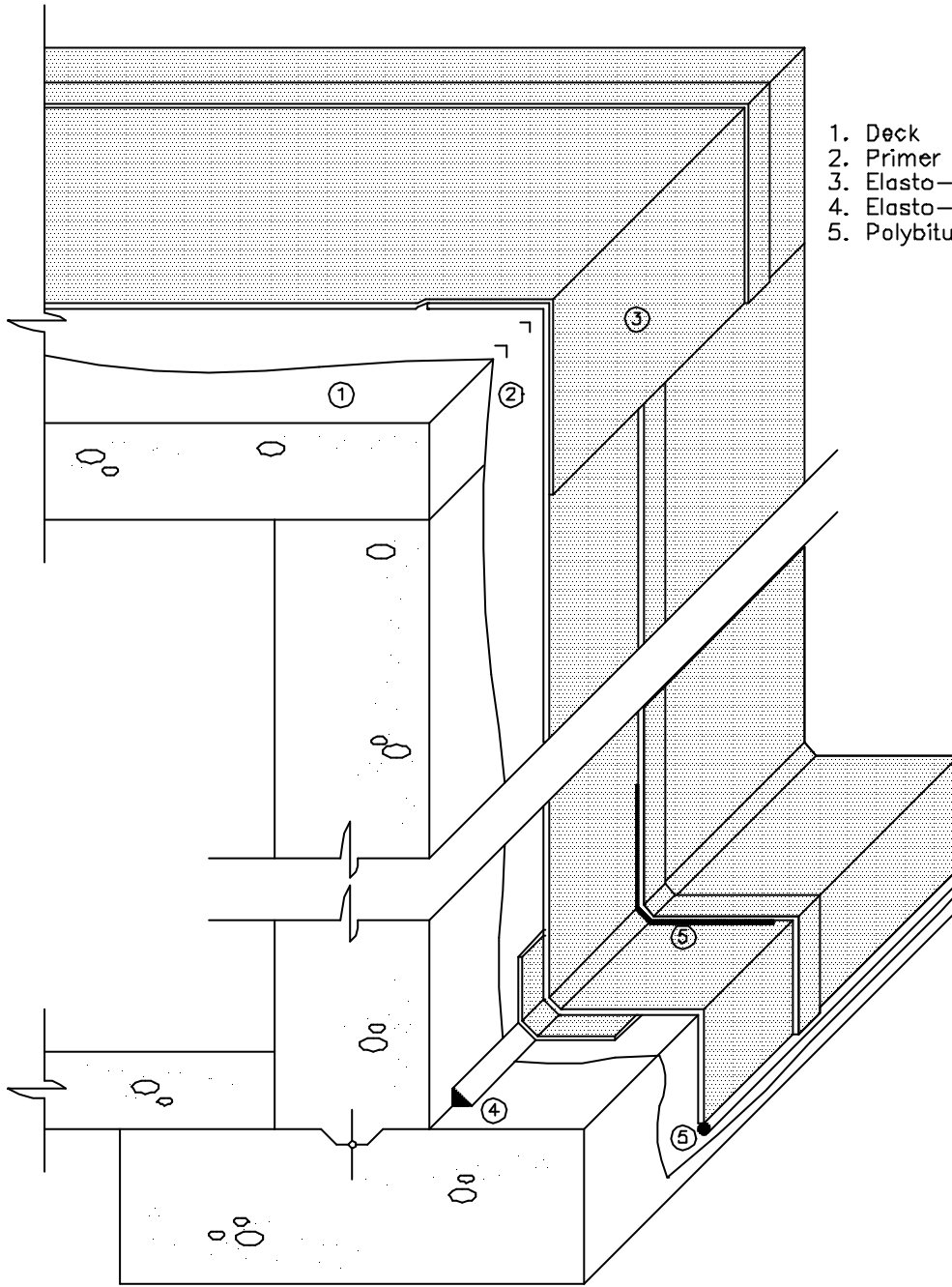
284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St Pierre, PQ H8R 1N7



Notes

1. 700-01 is a water based (emulsion) system which is ideal for use on fresh ("green") concrete at temperatures above 5 deg. C.
2. 710-11 is a solvent based (cutback) system which is ideal for applications at ambient temperatures (product thickens at lower temperatures).
3. The number of layers required is dependant on hydrostatic head. See technical data sheets for more information. A minimum of two layers of mesh is required when hydrostatic pressure is anticipated.

700-01 or 710-11 COLD PROCESS WATERPROOFING TYPICAL FOUNDATION DETAIL	Scale: N.T.S.	Plot: 1:5	 284 Watline Ave., Mississauga, ON L4Z 1P4 1D blvd Gauron, Ville St Pierre, PQ H8R 1N7
	Issued: 02-14-98	Revision: 02	
	CP-1B98		



1. Deck
2. Primer
3. Elasto-Seal™ 2000 Membrane
4. Elasto-Seal™ LM or Latex Concrete
5. Polybitume® 570-05 Mastic

Notes

1. System detail showing typical application to a concrete foundation wall and deck.
2. Elasto-Seal™ 2000 must be protected. Use extruded polystyrene insulation for insulated assemblies. Prefabricated geocomposite drainage boards, polypropylene, or asphaltic hardboard such as MB Protection Board may also be used.

Elasto-Seal™ 2000

SYSTEM DETAIL

FOUNDATION WALL

Scale: N.T.S.

Plot: 1:5

Issued: 02-14-98

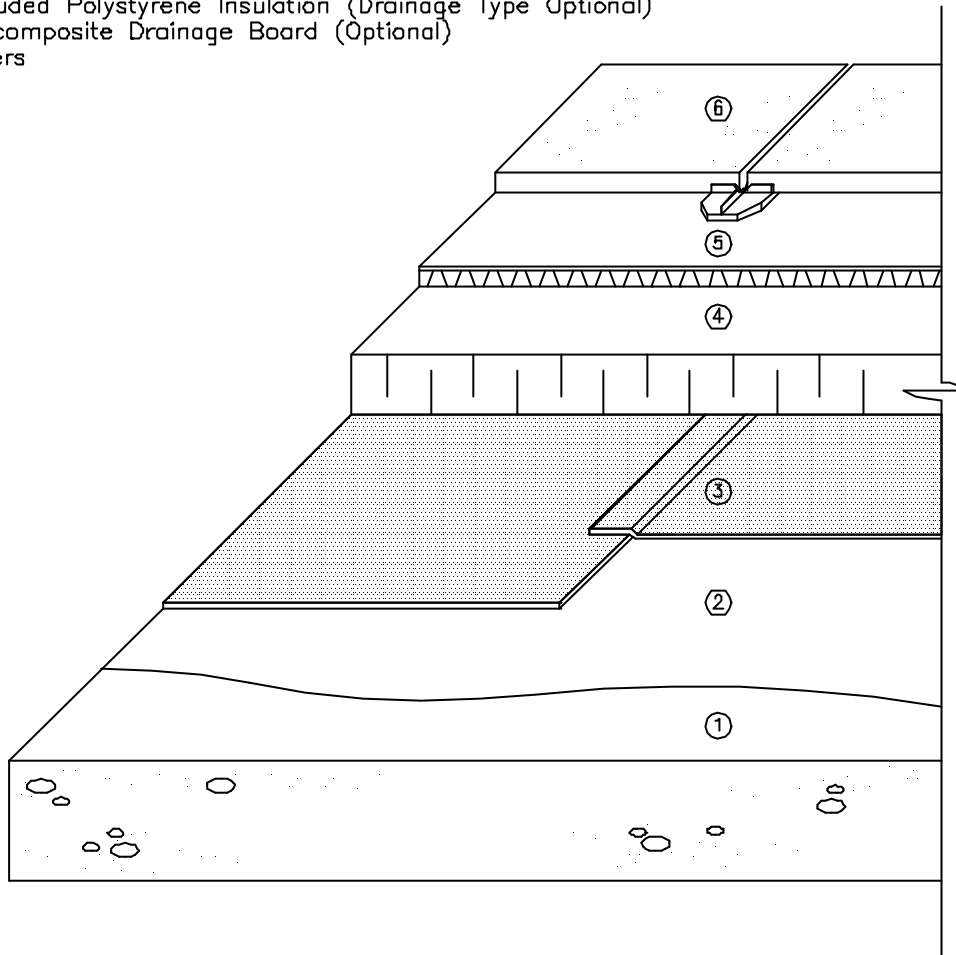
Revision: 02

ES-1B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

1. Deck
2. Primer
3. Elasto-Seal™ 2000 Membrane
4. Extruded Polystyrene Insulation (Drainage Type Optional)
5. Geocomposite Drainage Board (Optional)
6. Pavers



Notes

1. System detail showing typical application to an insulated concrete plaza deck.
2. Application of the Elasto-Seal™ 2000 membrane begins at the drain and proceeds towards the high point in a shingle fashion.
3. Other horizontal applications include planters, indoor mechanical rooms, laboratories and bathrooms.
4. Drainage may be facilitated by using drainage type polystyrene insulation. On non-insulated assemblies, a geocomposite drainage board may be used.

Elasto-Seal™ 2000

SYSTEM DETAIL

CONCRETE PLAZA DECK

Scale: N.T.S.

Plot: 1:5

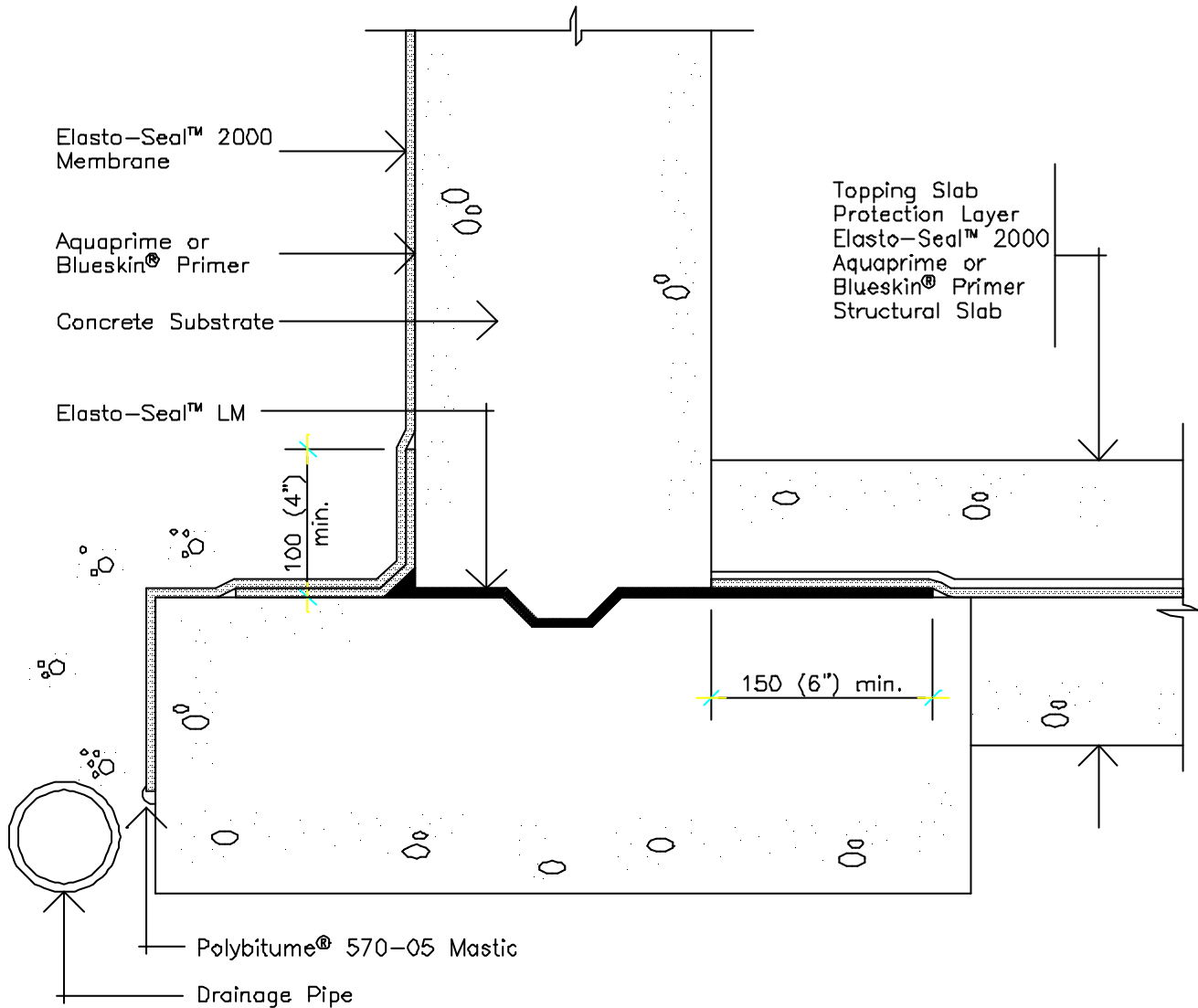
Issued: 02-14-98

Revision: 02

ES-2B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. Elasto-Seal™ LM is a fast setting sealant. A 19x19mm (3/4"x3/4") fillet is formed where the foundation wall and footing meet to provide additional protection.
2. A 225mm (9") reinforcing strip of Elasto-Seal™ 2000 is applied at 90 degree changes in plane.
3. Terminations in the membrane are sealed using either Polybitume® 570-05 Polymer Modified Sealing Compound or Elasto-Seal™ LM.
4. See Technical Data Sheets for requirements of membrane protection.

Elasto-Seal™ 2000
 WALL / FOOTING
 DETAIL
 SELF-ADHERED WATERPROOFING
 SYSTEM

Scale: N.T.S.

Plot: 1:5

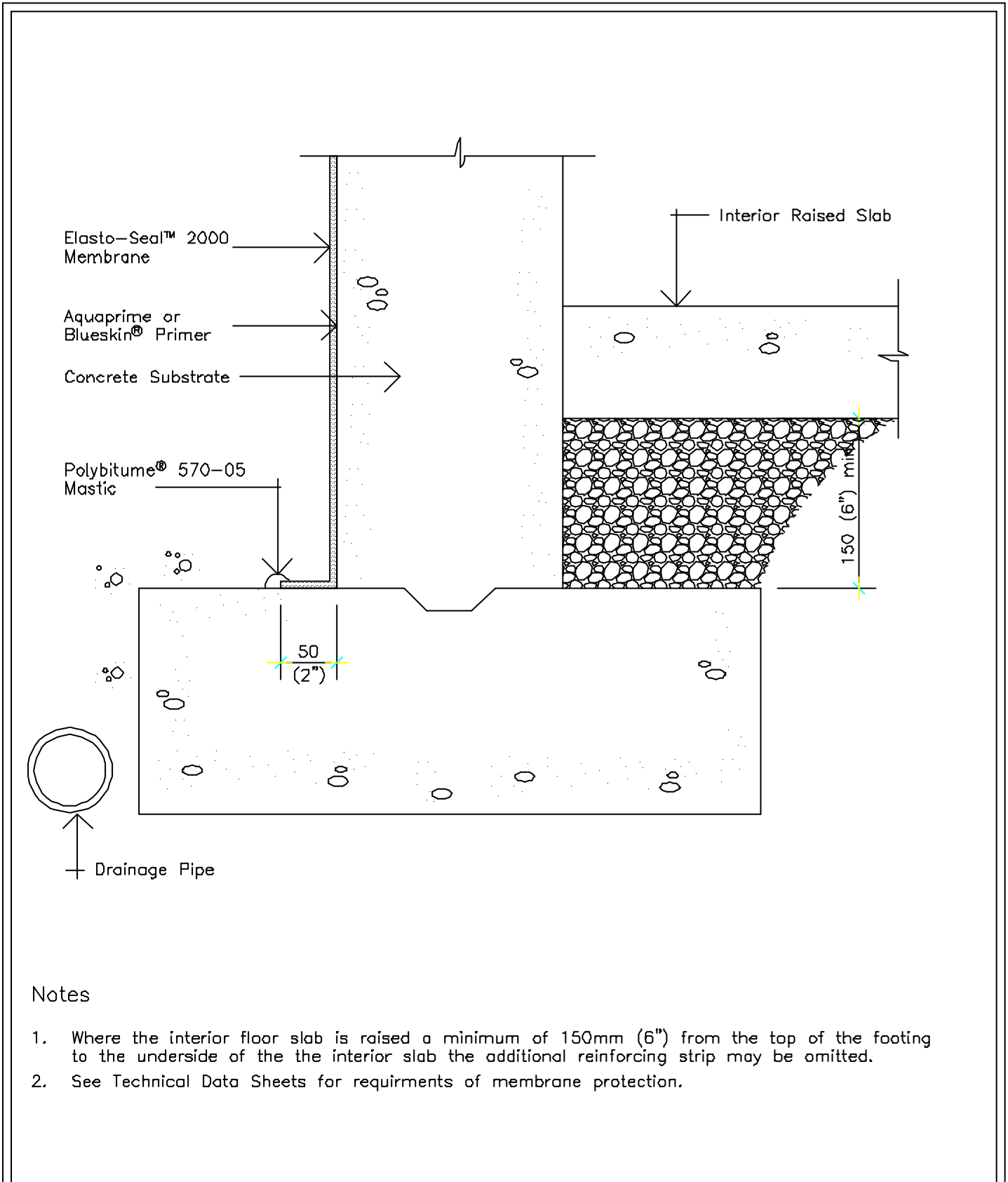
Issued: 02-14-98

Revision: 02

ES-3B98


BAKOR

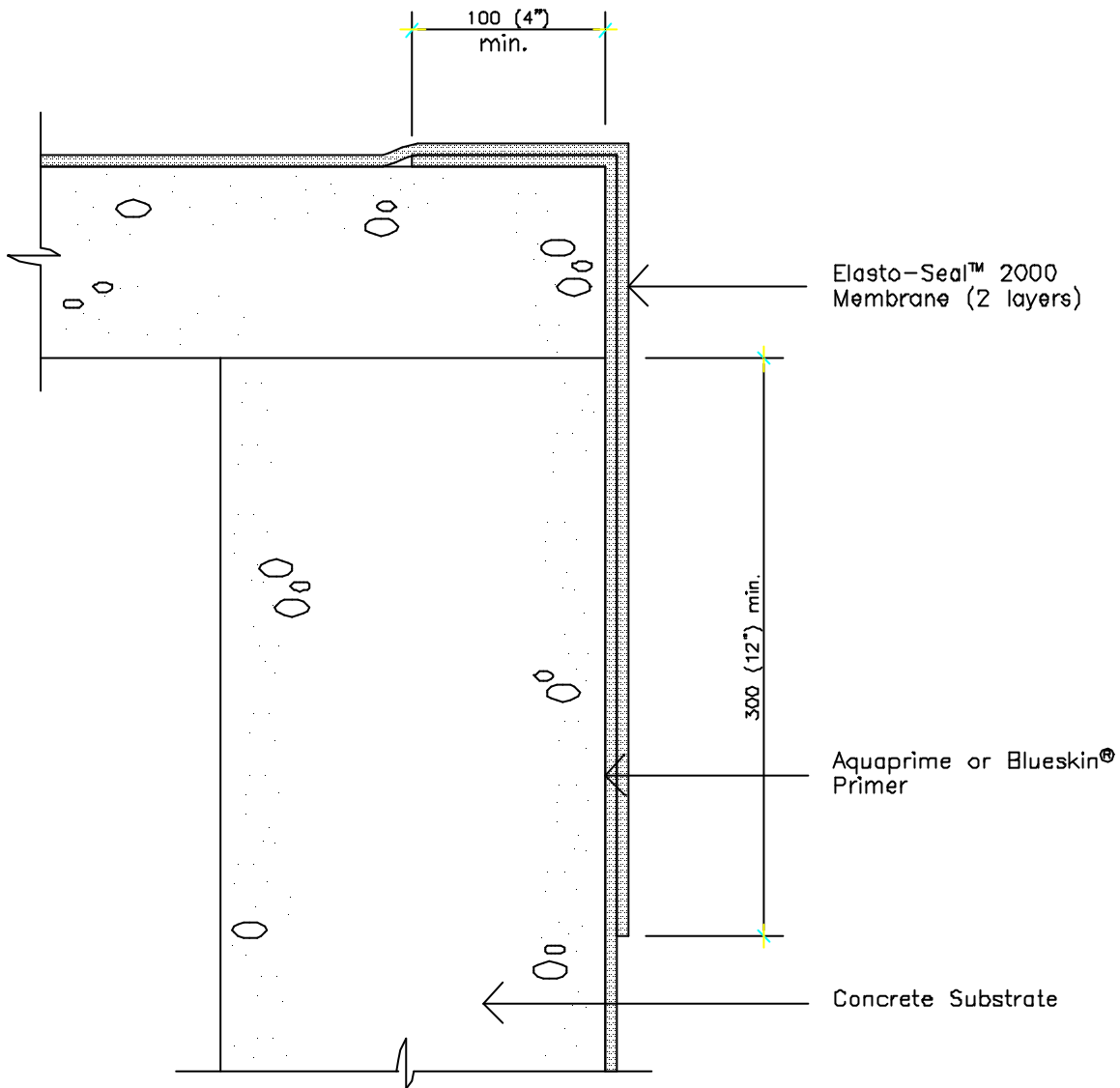
284 Watline Ave., Mississauga, ON L4Z 1P4
 10 Blvd. Gauran, Ville St. Pierre, PQ H8R 1N7



Notes

1. Where the interior floor slab is raised a minimum of 150mm (6") from the top of the footing to the underside of the the interior slab the additional reinforcing strip may be omitted.
2. See Technical Data Sheets for requirments of membrane protection.

Elasto-Seal™ 2000 RAISED SLAB DETAIL SELF-ADHERED WATERPROOFING SYSTEM	Scale: N.T.S	Plot: 1:5	
	Issued: 02-14-98	Revision: 02	
	ES-4B98		284 Watline Ave., Mississauga, ON L4Z 1P4 1D Blvd. Gauran, Ville St. Pierre, PQ H8R 1N7



Notes

1. The Elasto-Seal™ 2000 membrane is extended 300mm (12") below the deck-to-wall joint.
2. Two plies of Elasto-Seal™ 2000 are used at all 90 degree changes in plane.
3. See Technical Data Sheets for requirements of membrane protection.

Elasto-Seal™ 2000
 DECK TO WALL
 DETAIL
 SELF-ADHERED WATERPROOFING
 SYSTEM

Scale: N.T.S.

Plot: 1:5

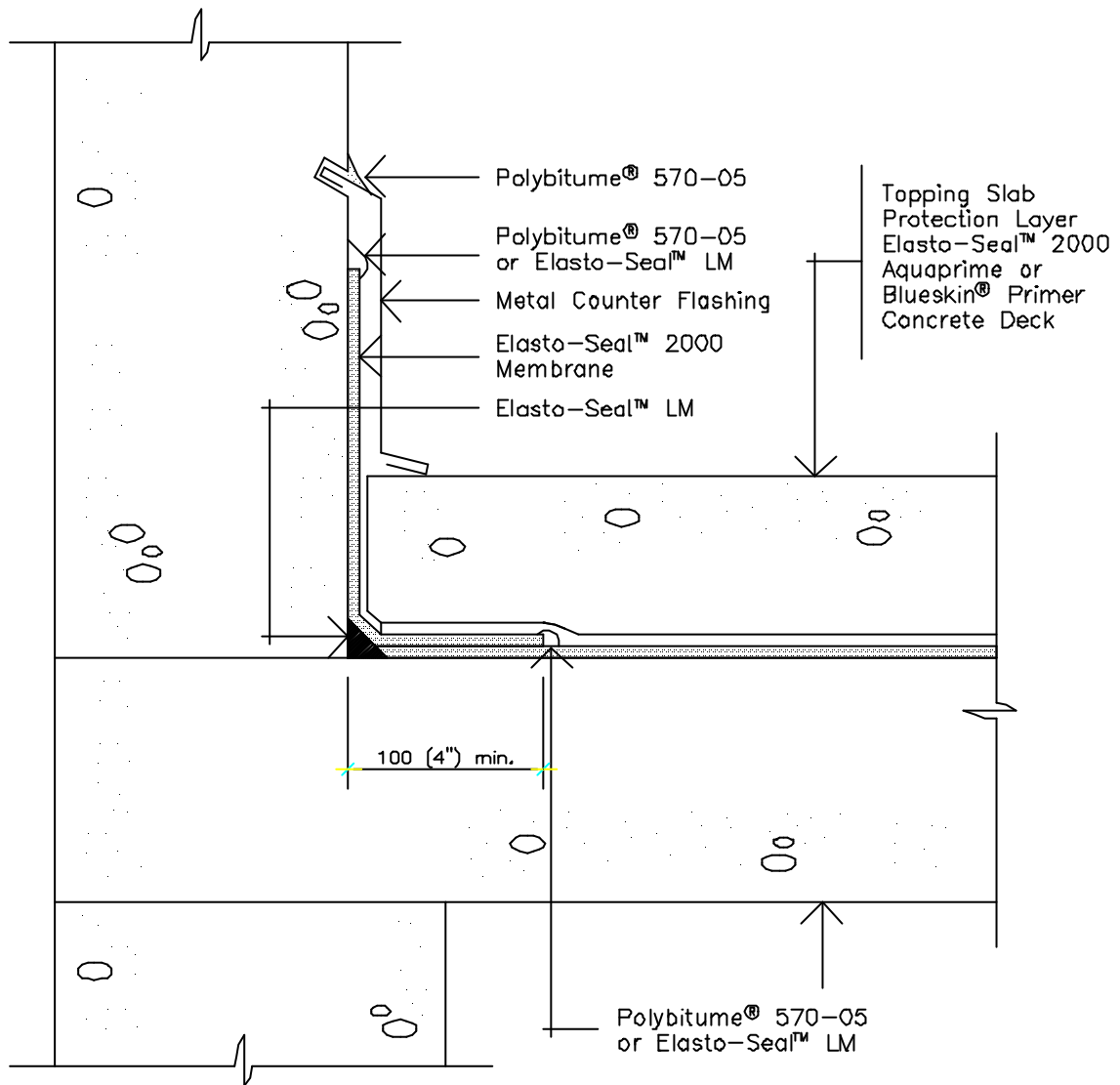
Issued: 02-14-98

Revision: D2

ES-5B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
 10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. The field membrane is extended into the edge of the Elasto-Seal™ LM.
2. Protect membrane using asphaltic hardboard such as MB Protection Board as manufactured by Bakor Inc., minimum 3mm (1/8") thick.
3. The termination detail may incorporate a continuous termination bar, reglet or use of a counter flashing as shown.

Elasto-Seal™ 2000
 PLAZA DECK
 TO WALL DETAIL
 SELF-ADHERED WATERPROOFING
 SYSTEM

Scale: N.T.S.

Plot: 1:5

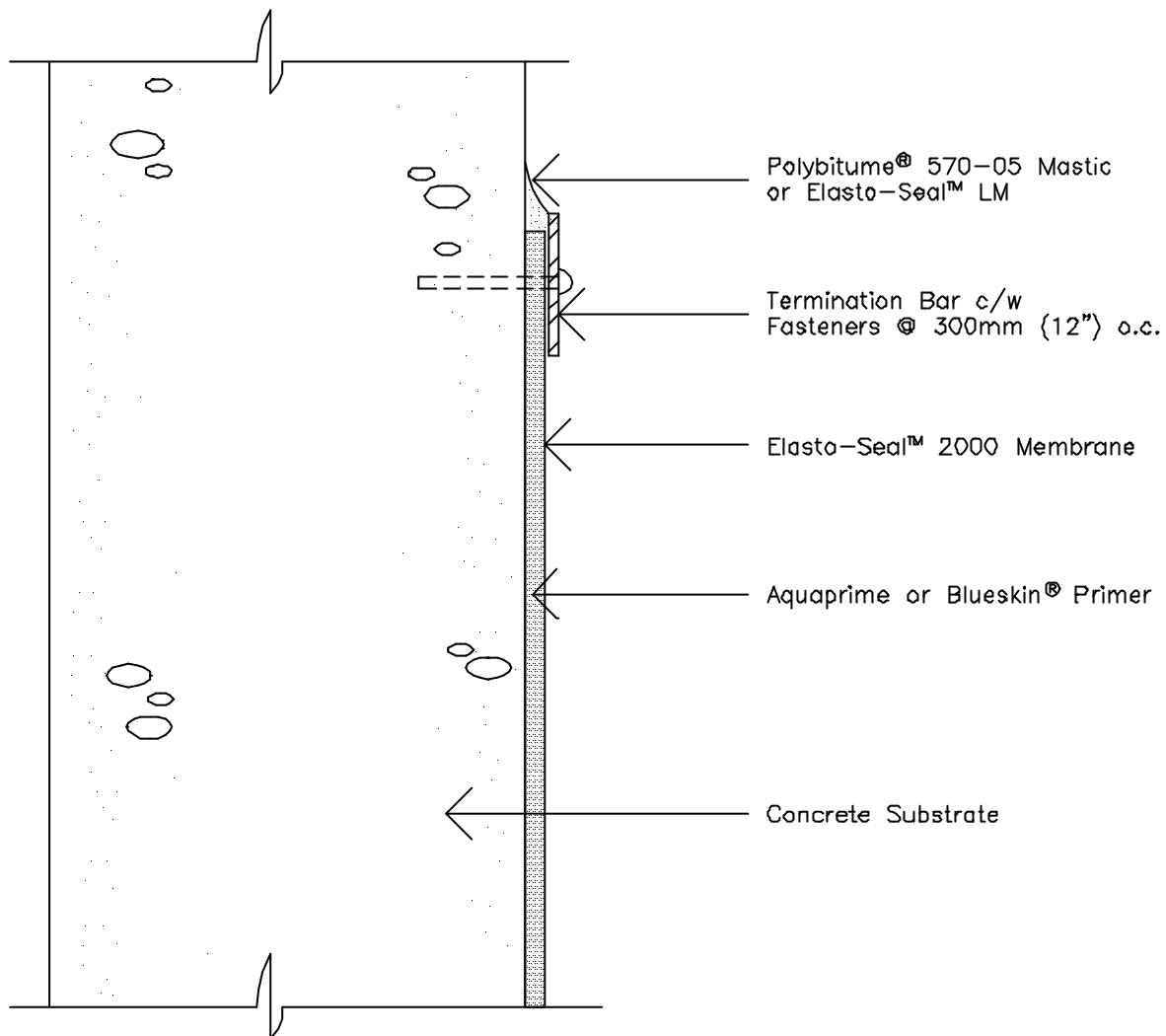
Issued: 02-14-98

Revision: 02

ES-6B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
 10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. Counter flashing, reglet and termination bar details are acceptable.
2. A termination bar must be used on all deck-to-wall expansion joint details.
3. See Technical Data Sheets for requirements of membrane protection.

Elasto-Seal[™] 2000
 TERMINATION BAR
 DETAIL
 SELF-ADHERED WATERPROOFING
 SYSTEM

Scale: N.T.S

Plot: 1:5

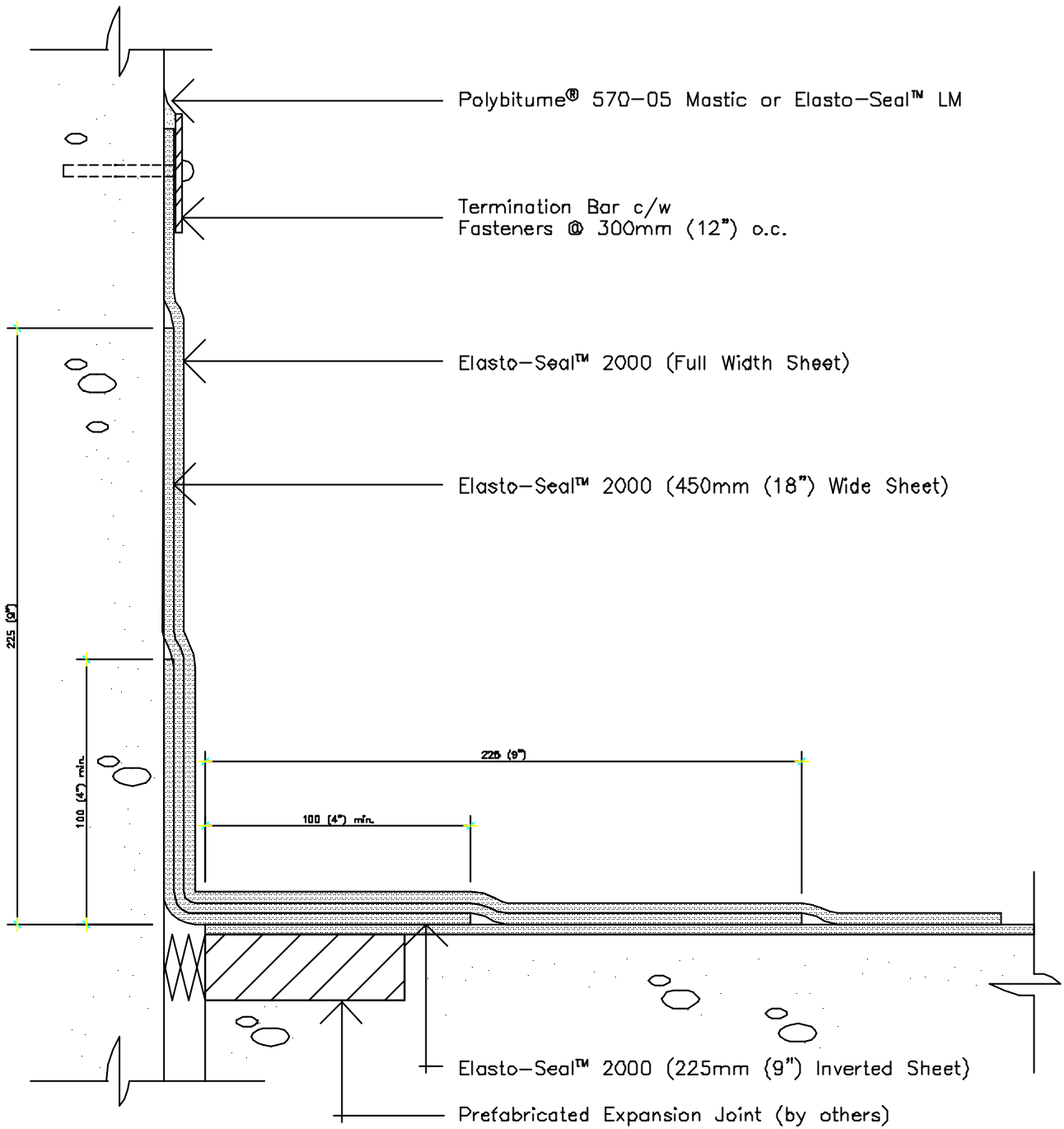
Issued: 02-14-98

Revision: 02

ES-7B98

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 10 blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. Termination detail may also be a reglet/ counter flashing.
2. Seal all terminations with Polybitume[®] 570-05 or Elasto-Seal[™] LM if not covered on same day by field membrane.
3. See Technical Data Sheets for requirements of membrane protection.

Elasto-Seal[™] 2000

EXPANSION JOINTS

SELF-ADHERED WATERPROOFING SYSTEM

Scale: N.T.S.

Plot: 1:5

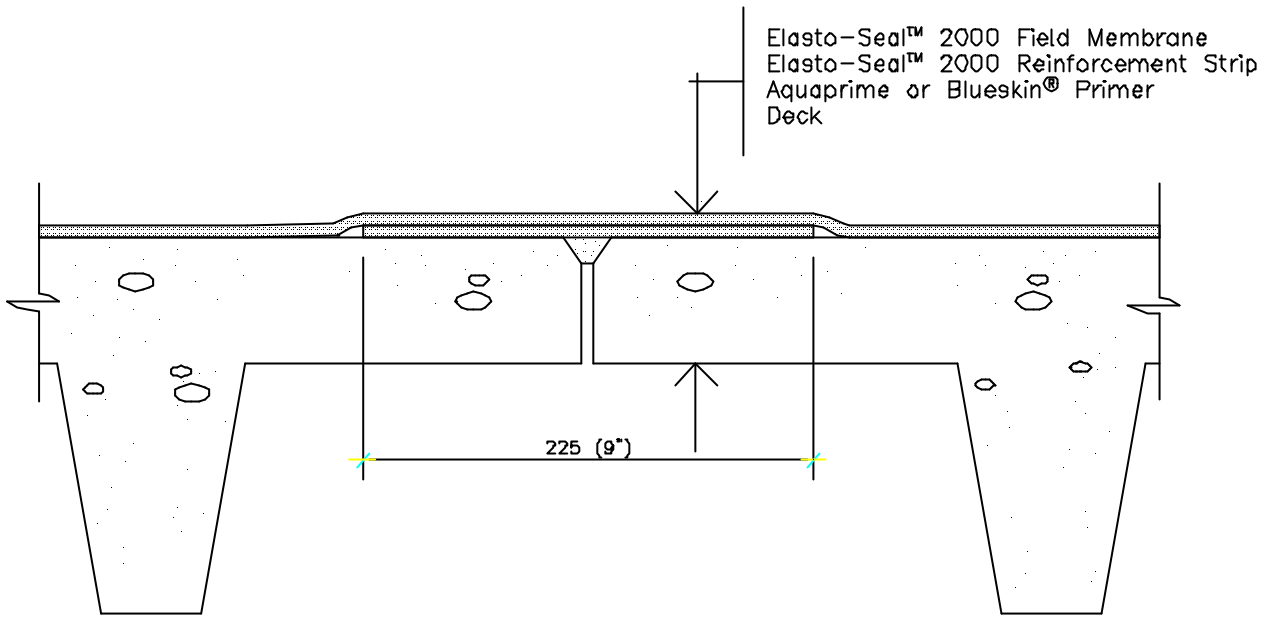
Issued: 02-14-98

Revision: 02

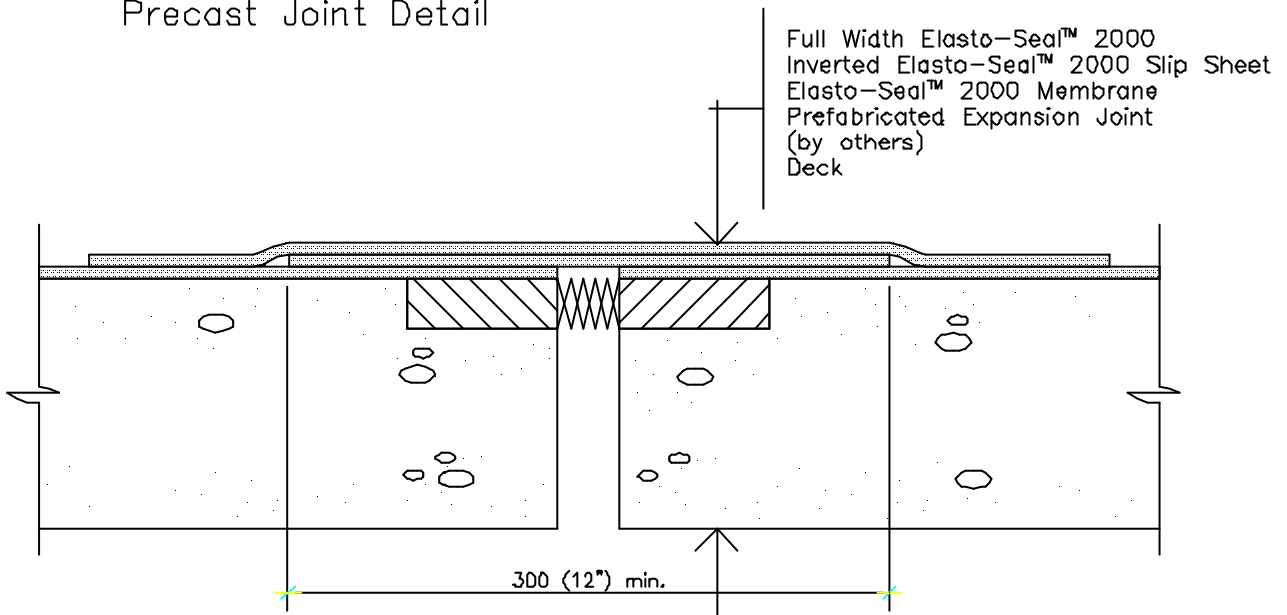
ES-8B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Precast Joint Detail



Expansion Joint

Notes

1. Provide a night-seal application of Polybitume® 570-05 or Elasto-Seal™ LM to reinforcement membrane terminations if not covered on the same day by field membrane.
2. End joints of precast units should be reinforced with a 300mm (12") wide strip of Elasto-Seal™ 2000.

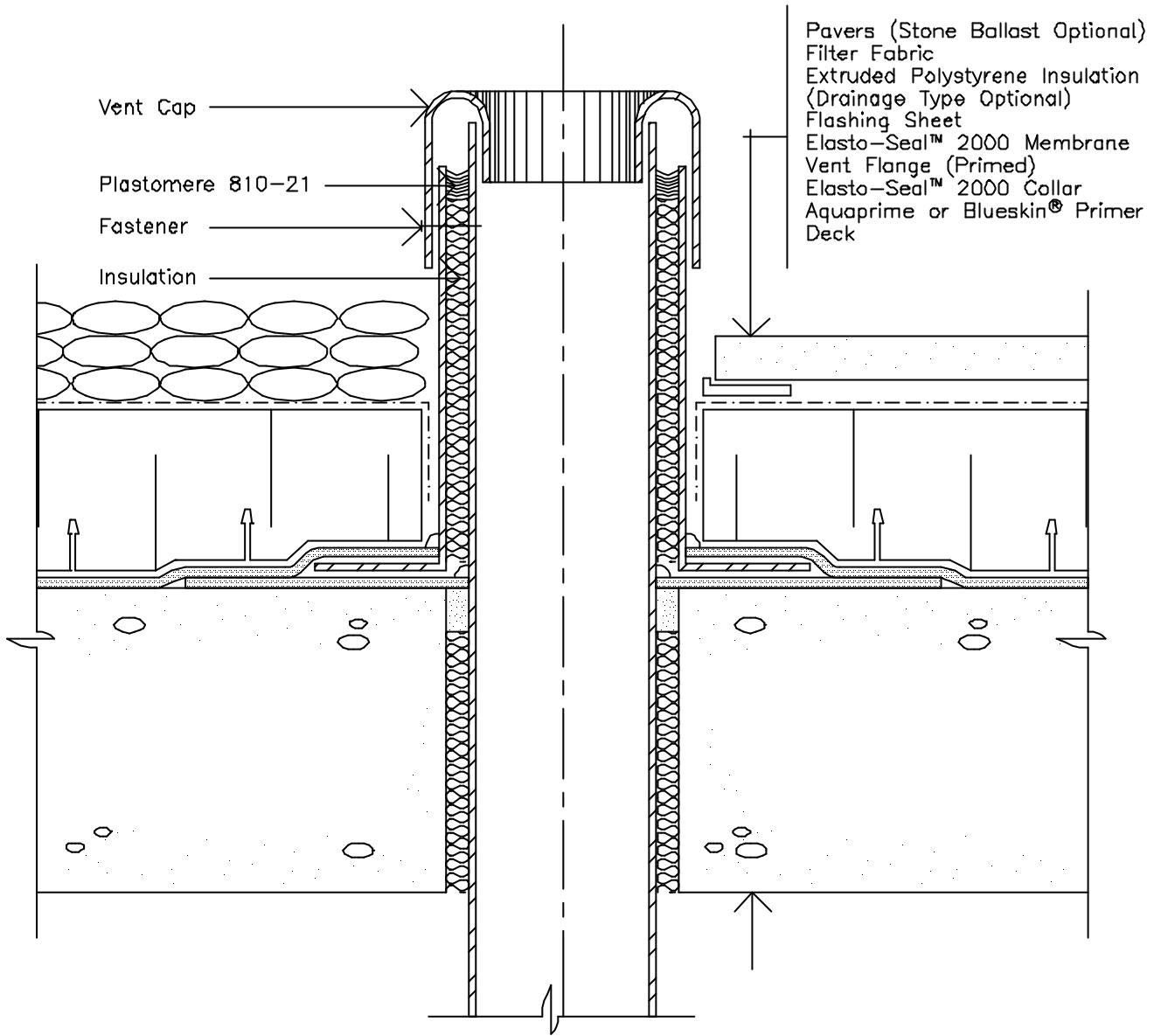
Elasto-Seal™ 2000
EXPANSION &
JOINT DETAILS
SELF-ADHERED WATERPROOFING
SYSTEM

Scale: N.T.S.	Plot: 1.5
Issued: 02-14-98	Revision: 02

ES-9B98

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Notes

1. A night-seal application of Polybitume® 570-05 or Elasto-Seal™ LM should be provided along the outside edge of the reinforcing membrane when not covered on the same day by the field membrane.

Elasto-Seal™ 2000

VENT DETAIL

SELF-ADHERED WATERPROOFING SYSTEM

Scale: N.T.S.

Plot: 1:5

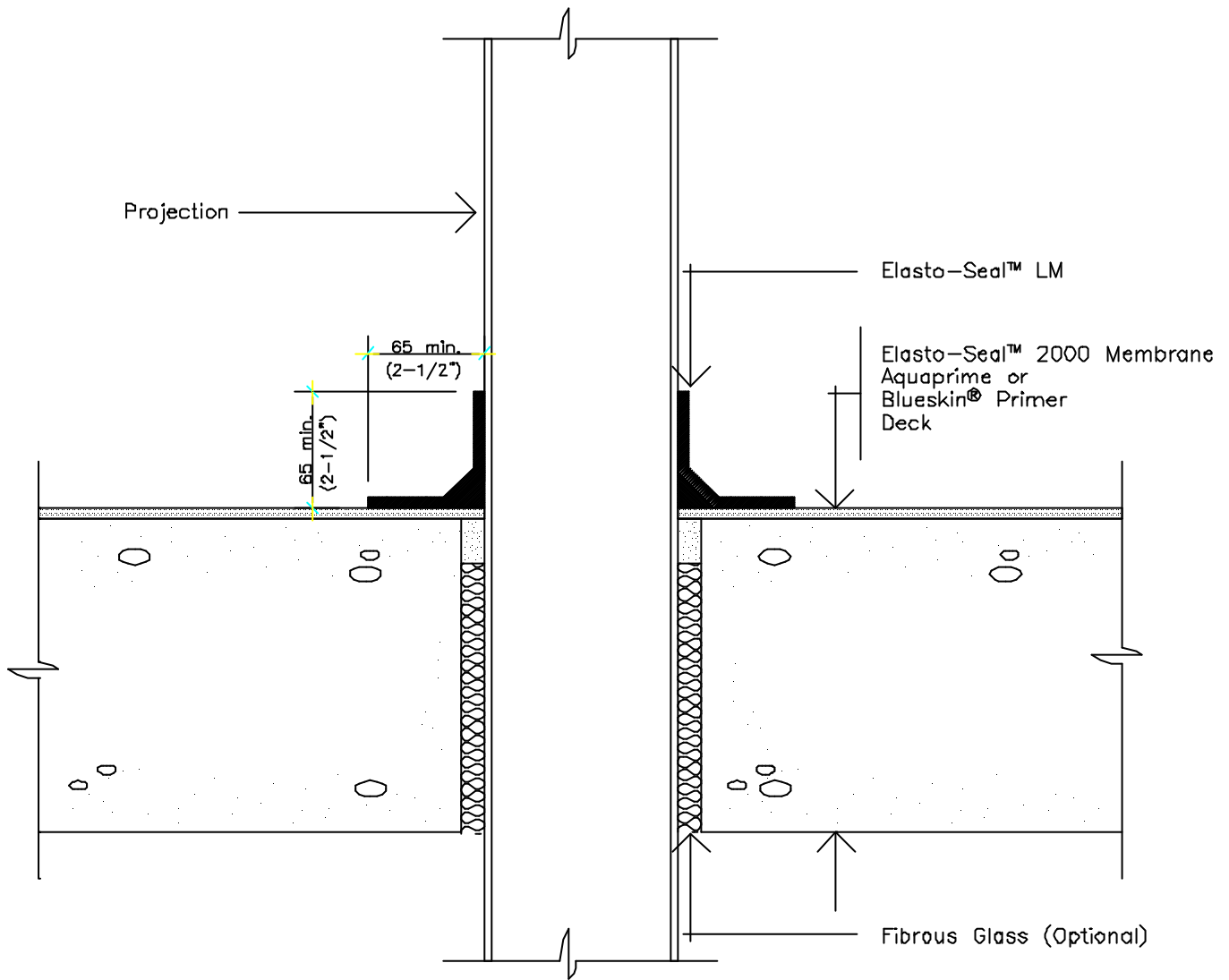
Issued: 02-14-98

Revision: 02

ES-10B98

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Notes

1. Application of Elasto-Seal™ LM should be a minimum of 2.3mm thick (90 mils).

Elasto-Seal™ 2000
**PROJECTION
 DETAIL**
 SELF-ADHERED WATERPROOFING
 SYSTEM

Scale: N.T.S.

Plot: 1:5

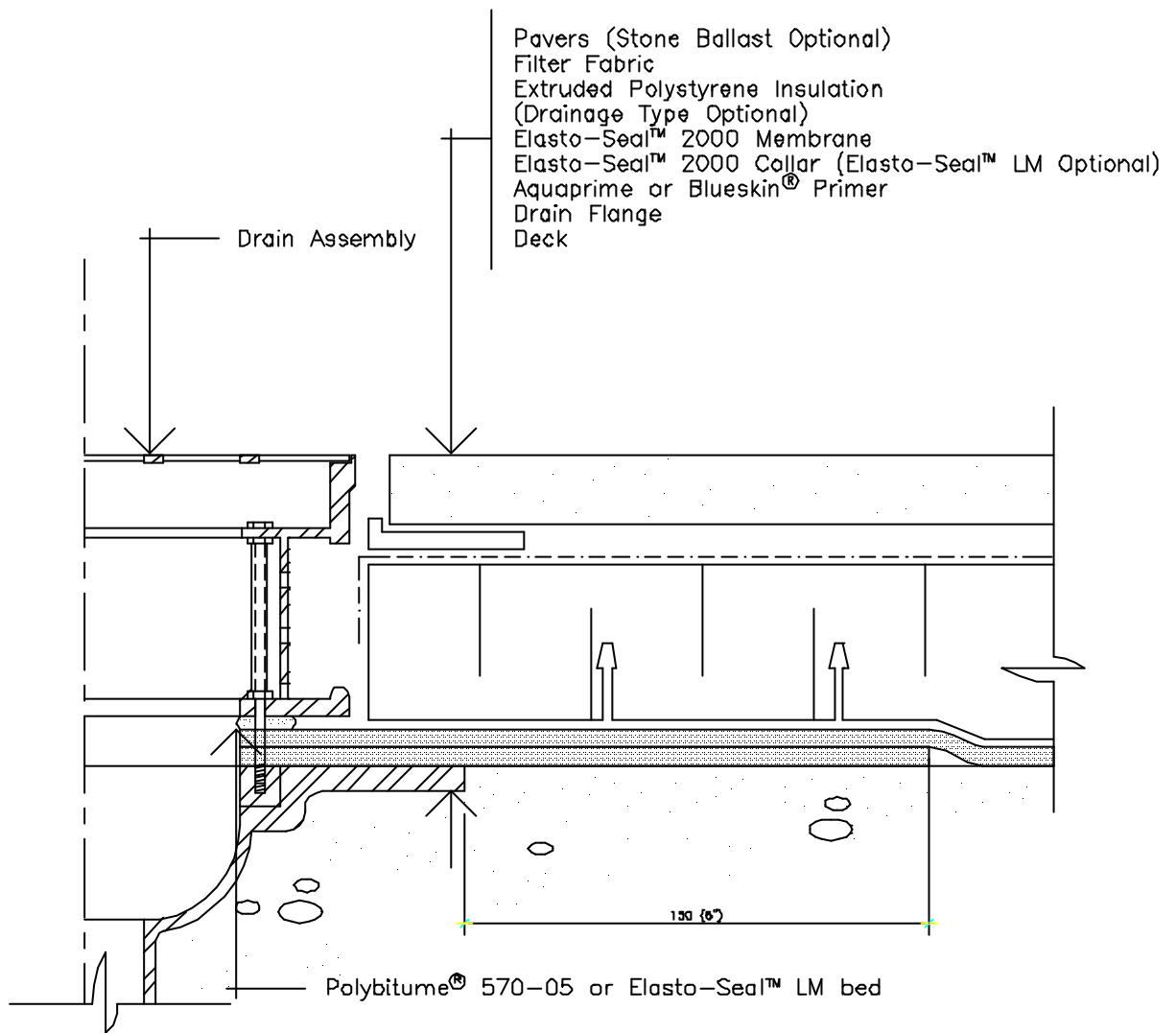
Issued: 02-14-98

Revision: D2

ES-11B98

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Notes

1. Refer to drain manufacturers details for exact drain configuration.

Elasto-Seal™ 2000

DRAIN DETAIL

SELF-ADHERED WATERPROOFING SYSTEM

Scale: N.T.S.

Plot: 1:5

Issued: 02-14-98

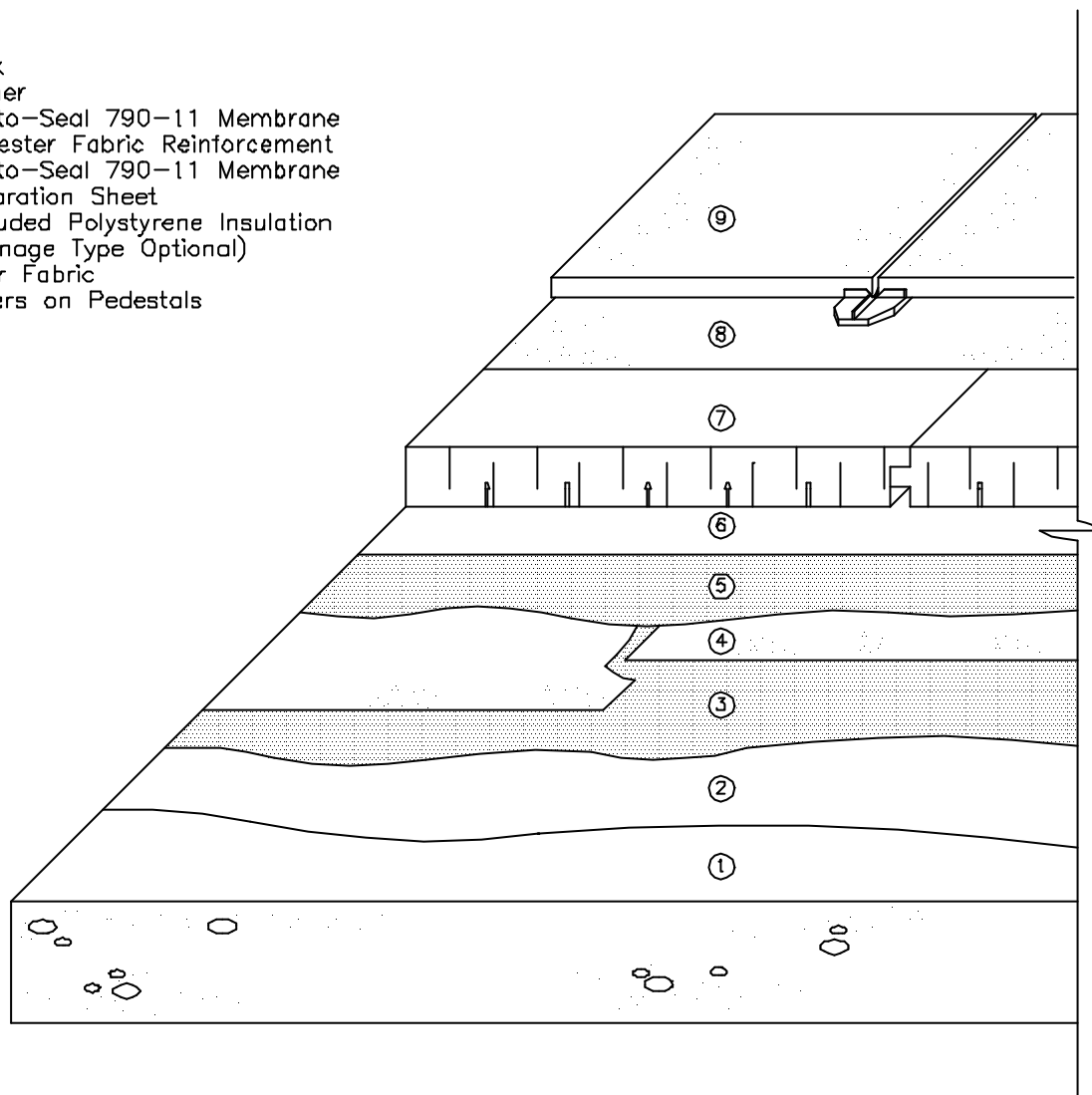
Revision: 02

ES-12B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
 10 blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

1. Deck
2. Primer
3. Elasto-Seal 790-11 Membrane
4. Polyester Fabric Reinforcement
5. Elasto-Seal 790-11 Membrane
6. Separation Sheet
7. Extruded Polystyrene Insulation
(Drainage Type Optional)
8. Filter Fabric
9. Pavers on Pedestals



Notes

1. System detail showing a reinforced, two ply Elasto-Seal 790-11 hot applied rubberized asphalt waterproofing system incorporating a drainage type polystyrene insulation board (optional) and pavers.
2. There are two types of primer for 790-11: an asphaltic penetrating primer such as 910-01 and a polymer modified primer such as 930-18. Superior adhesion is provided using the 930-18 primer.

Elasto-Seal 790-11 Waterproofing

SYSTEM DETAIL 1

PLAZA DECK SYSTEM

Scale: N.T.S.

Plot: 1:10

Issued: 02-14-98

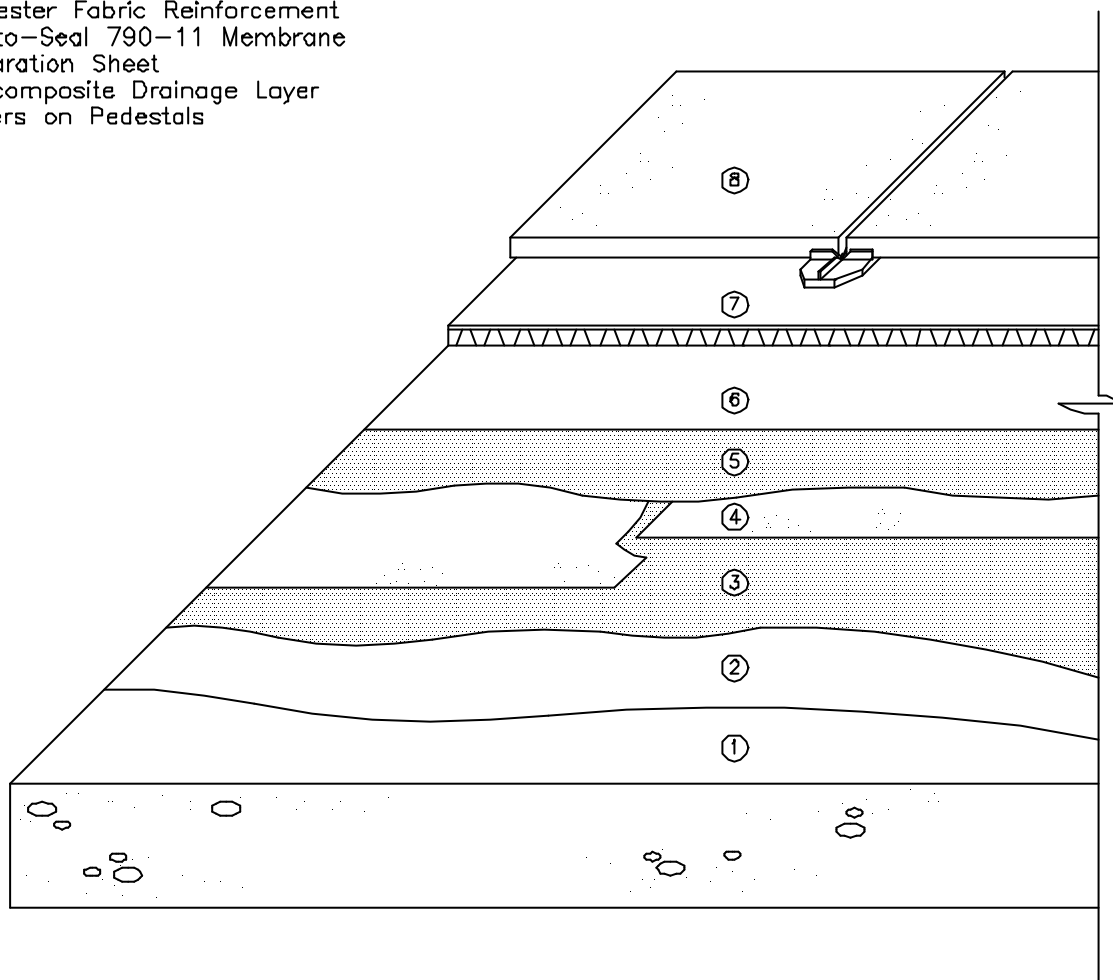
Revision: 02

WP-1B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
10 Blvd Gauron, Ville St. Pierre, PQ H8R 1N7

1. Deck
2. Primer
3. Elasto-Seal 790-11 Membrane
4. Polyester Fabric Reinforcement
5. Elasto-Seal 790-11 Membrane
6. Separation Sheet
7. Geocomposite Drainage Layer
8. Pavers on Pedestals



Notes

1. System detail showing a reinforced, two ply Elasto-Seal 790-11 hot applied rubberized asphalt system incorporating a prefabricated drainage geocomposite and paver system.
2. Note that a separation sheet is recommended when using prefabricated geocomposite drainage systems.

Elasto-Seal 790-11 Waterproofing

SYSTEM DETAIL 2

PLAZA DECK SYSTEM

Scale: N.T.S.

Plot: 1:10

Issued: 02-14-98

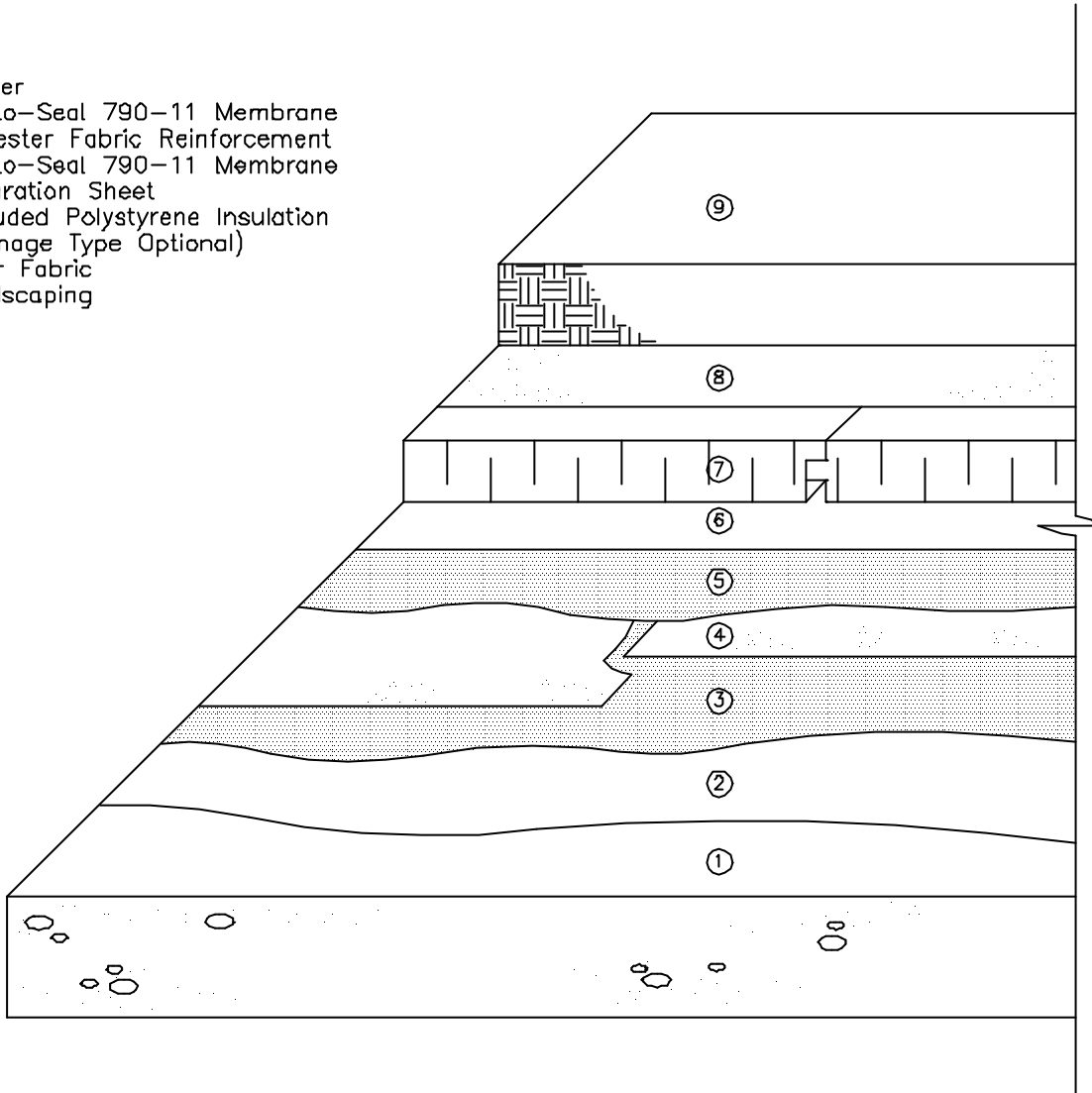
Revision: 02

WP-2B98

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10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

1. Deck
2. Primer
3. Elasto-Seal 790-11 Membrane
4. Polyester Fabric Reinforcement
5. Elasto-Seal 790-11 Membrane
6. Separation Sheet
7. Extruded Polystyrene Insulation
(Drainage Type Optional)
8. Filter Fabric
9. Landscaping



Notes

1. System detail showing a reinforced, two ply Elasto-Seal 790-11 hot applied rubberized asphalt waterproofing system covered by a landscaping layer.
2. The separation sheet may be a modified bitumen membrane, such as Base s/s, or a minimum 4 mil polyethylene.

Elasto-Seal 790-11 Waterproofing

SYSTEM DETAIL 3

LANDSCAPING/ PLANTER SYSTEM

Scale: N.T.S.

Plot: 1:10

Issued: 02-14-98

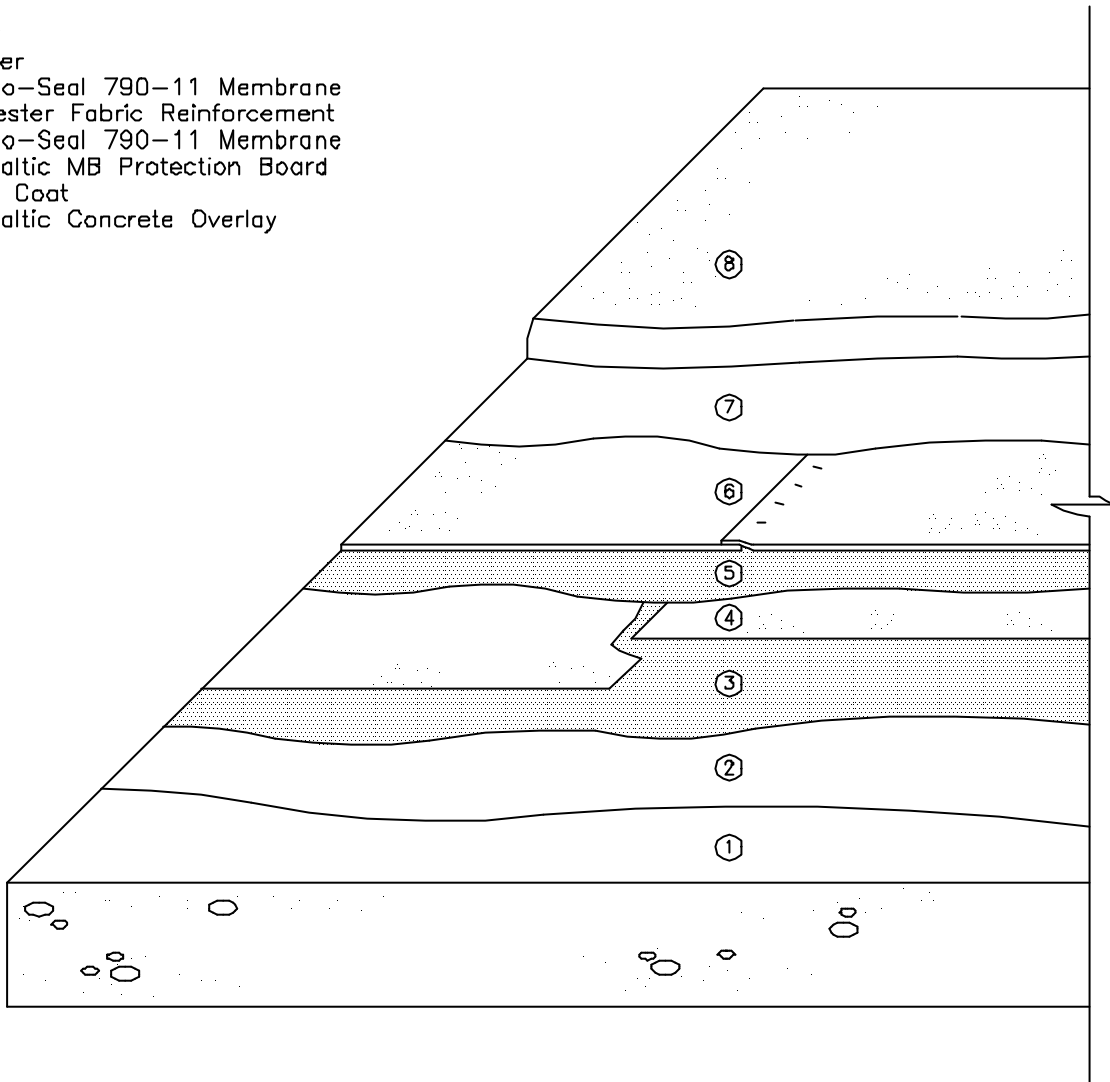
Revision: 02

WP-3B98

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10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

1. Deck
2. Primer
3. Elasto-Seal 790-11 Membrane
4. Polyester Fabric Reinforcement
5. Elasto-Seal 790-11 Membrane
6. Asphaltic MB Protection Board
7. Tack Coat
8. Asphaltic Concrete Overlay



Notes

1. System detail showing a reinforced, two ply application of Elasto-Seal 790-11 hot applied rubberized asphalt waterproofing system with a protection board and asphaltic concrete overlay.
2. This system is typical of parking garage deck applications. Asphaltic MB Protection Board is set over the membrane prior to installing the asphaltic concrete overlay.

Elasto-Seal 790-11 Waterproofing

SYSTEM DETAIL 4

PARKING DECK SYSTEM

Scale: N.T.S.

Plot: 1:10

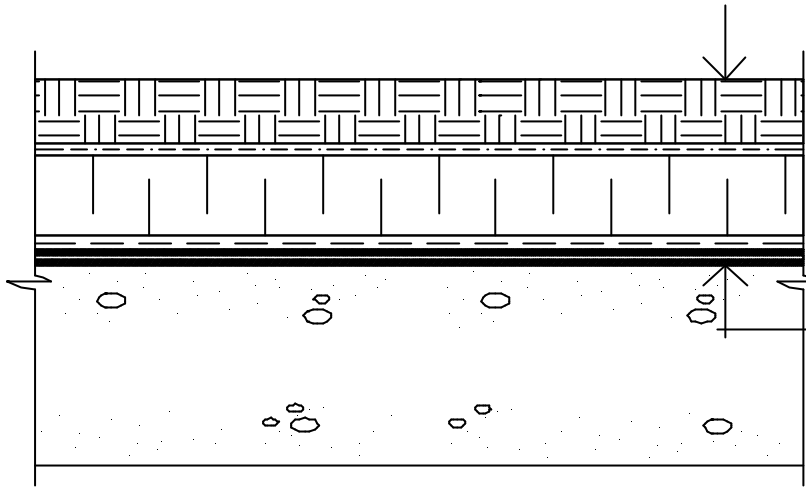
Issued: 02-14-98

Revision: 02

WP-4B98

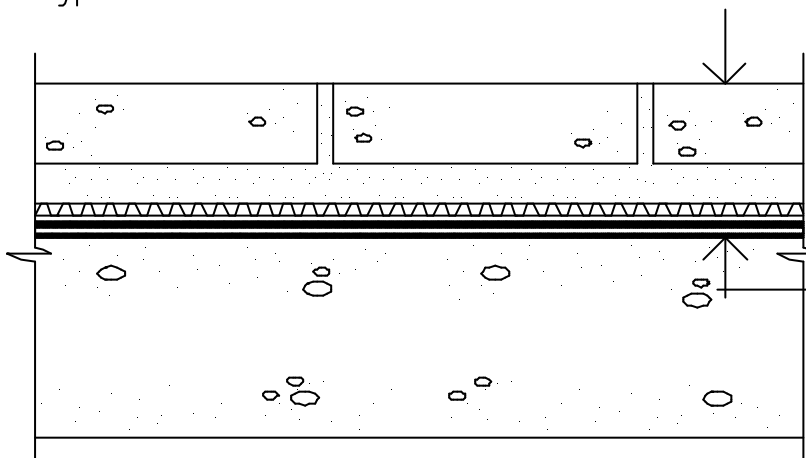
BAKOR

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10 Blvd. Gauran, Ville St. Pierre, PQ HBR 1N7



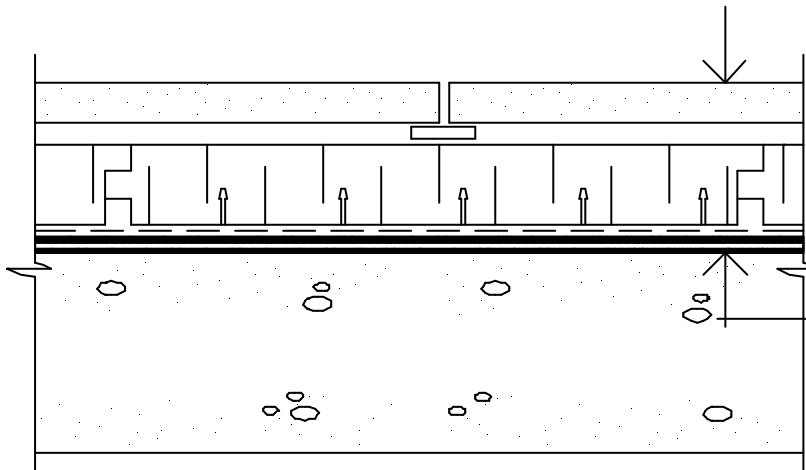
Deck
 Elasto-Seal 790-11 System
 Separation Sheet
 Insulation (Drainage Type Opt.)
 Filter Fabric
 Earth Cover

Typical Planter



Deck
 Elasto-Seal 790-11 System
 Asphaltic MB Protection Board
 Setting Bed for Pavers
 Pavers

Typical Plaza (Pavers in Setting Bed)



Deck
 Elasto-Seal 790-11 System
 Separation Sheet
 Insulation (Drainage Type Opt.)
 Pedestal Supports
 Pavers

Typical Plaza (Pavers on Pedestals)

Elasto-Seal 790-11 Waterproofing

Scale: N.T.S.

Plot: 1:5

TYPICAL
 ASSEMBLIES

Issued: 02-14-98

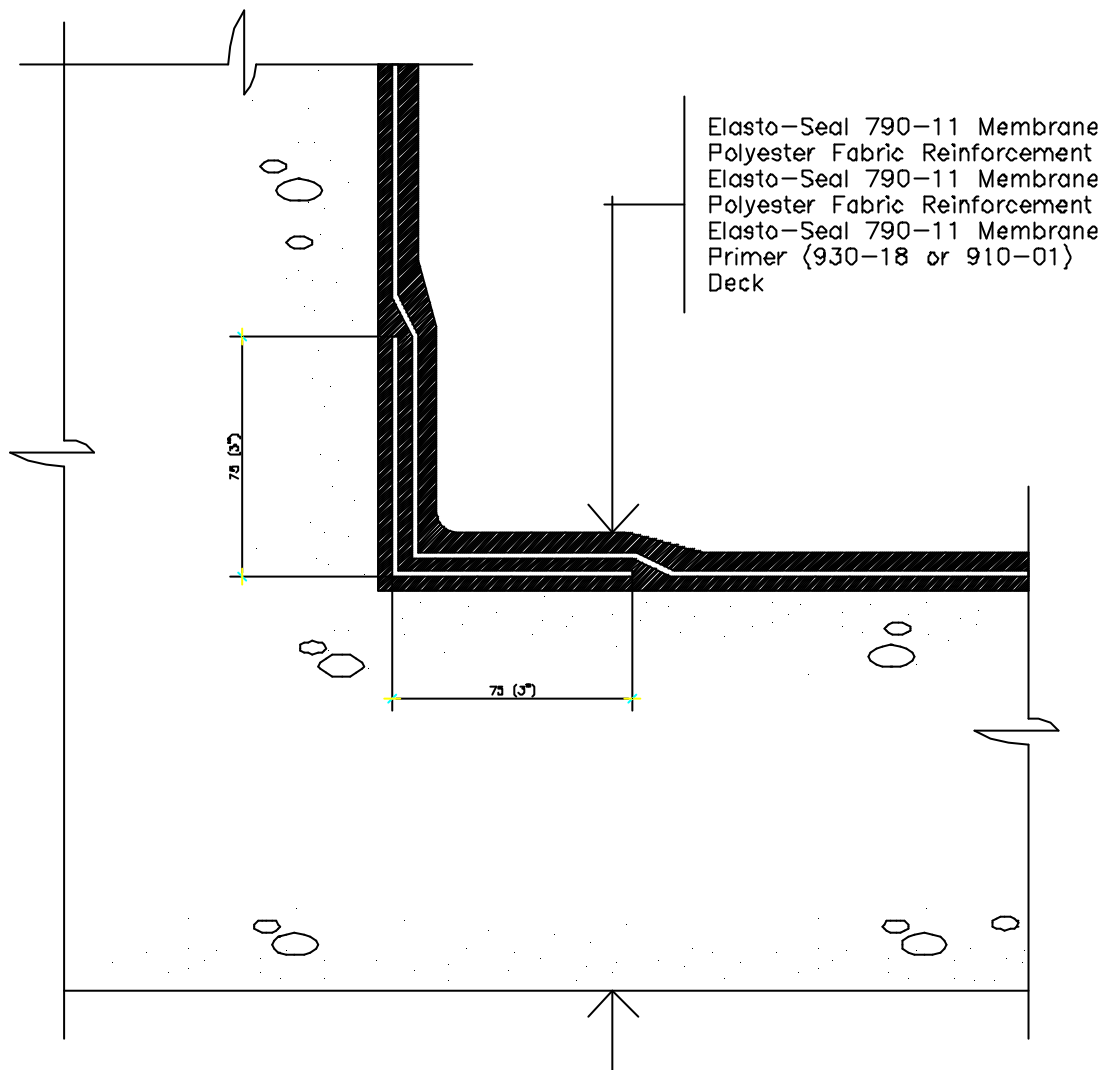
Revision: 02

CONCRETE DECK APPLICATIONS

WP-5B98

BAKOR

284 Watline Ave., Mississauga, ON L4Z 1P4
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Notes

1. At monolithic pour locations, the corner is simply reinforced with an additional application of Polyester Fabric as indicated.

Elasto-Seal 790-11 Waterproofing

CONCRETE CURB

CONCRETE DECK

Scale: N.T.S.

Plat: 1:5

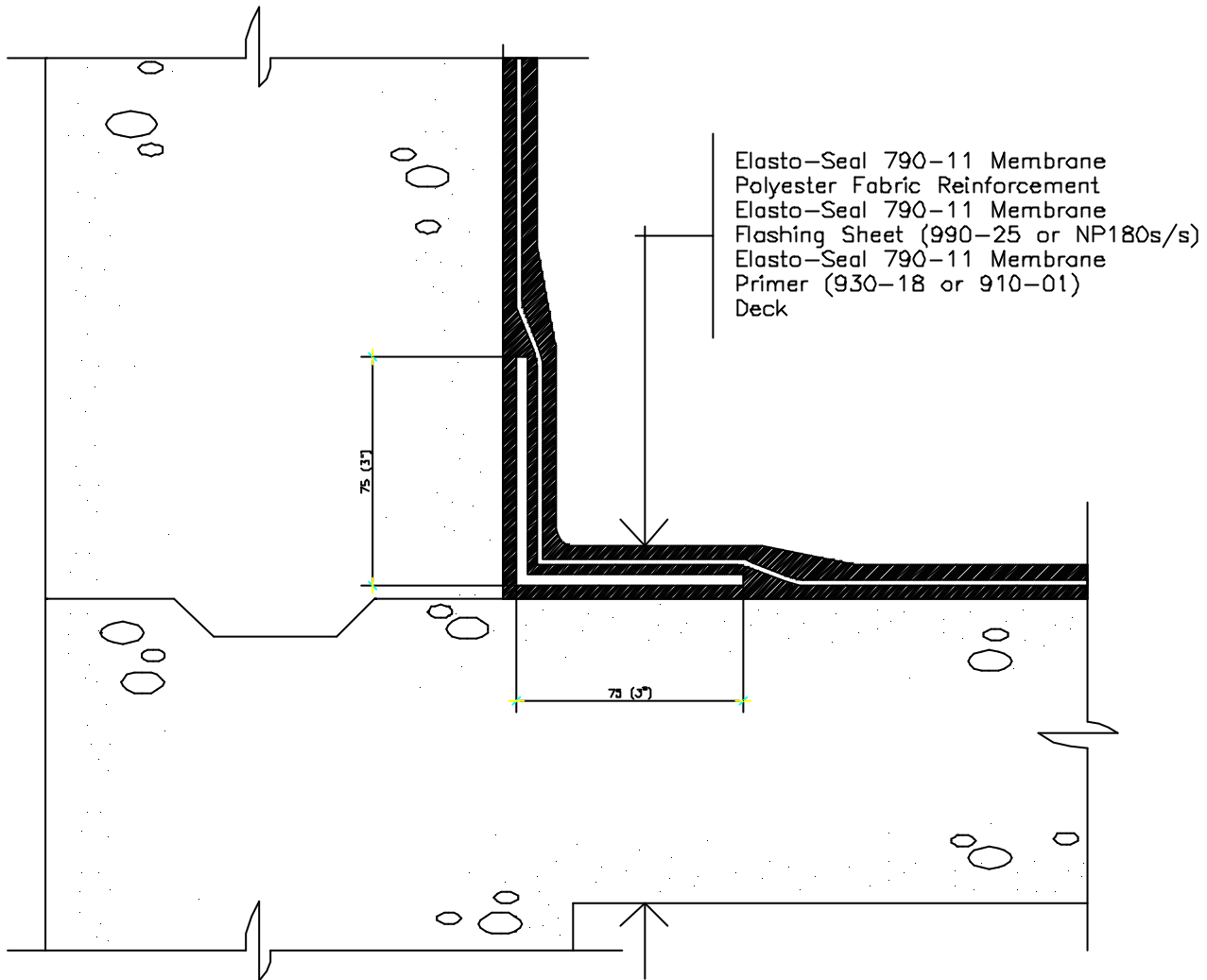
Issued: 02-14-98

Revision: 02

WP-6B98

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 10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7



Notes

1. The flashing sheet is set in a 3mm (1/8") bed of Elasto-Seal 790-11 prior to installing the membrane in the field.
2. The first coat of Elasto-Seal 790-11 should be applied to a thickness of 2mm (3/32") min. prior to the application of the Polyester Fabric. The second coat is applied to a thickness of 3mm (1/8") min. for a total thickness of 5mm (215 mils).

Elasto-Seal 790-11 Waterproofing
CONSTRUCTION
JOINT
 CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

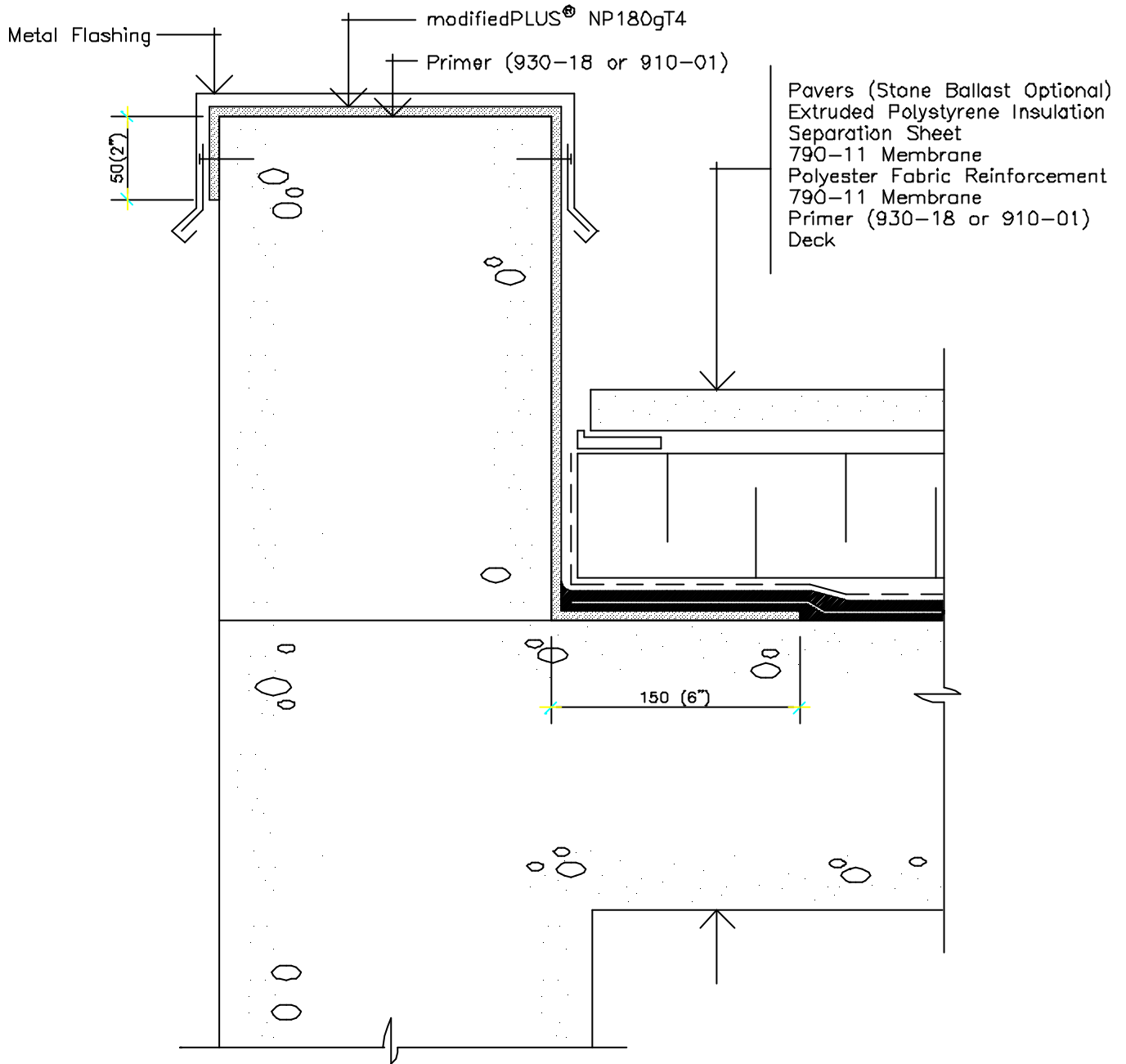
Issued: 02-14-98

Revision: 02

WP-7B98

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Notes

1. The modifiedPLUS[®] NP180gT4 flashing membrane is thermofused to the primed substrate and can be left exposed. The metal over the top of the parapet is for aesthetics only.
2. The modifiedPLUS[®] membrane must be mechanically fastened at 200mm (8'') o.c. along the outside face. Fasten on inside as required for metal flashing system.
3. Setting granules in the modifiedPLUS[®] NP180gT4 membrane using a heated trowel will improve adhesion of the 790-11 membrane.

Elasto-Seal 790-11 Waterproofing

TYPICAL PARAPET

CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

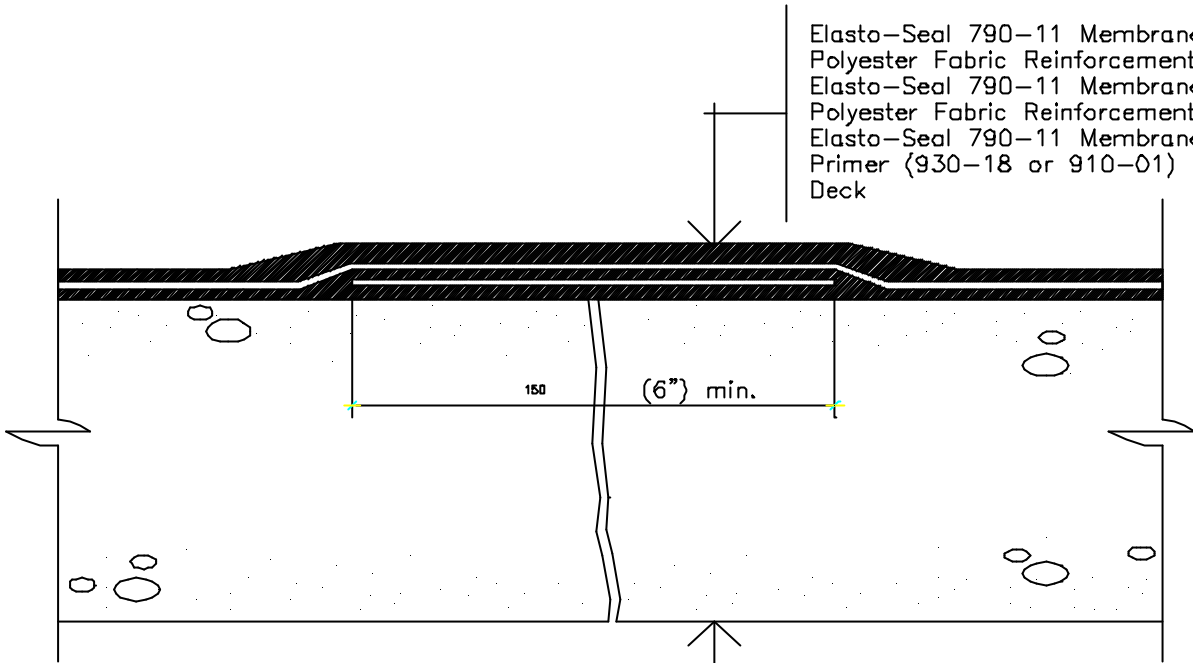
Issued: 02-14-98

Revision: 02

WP-8B98

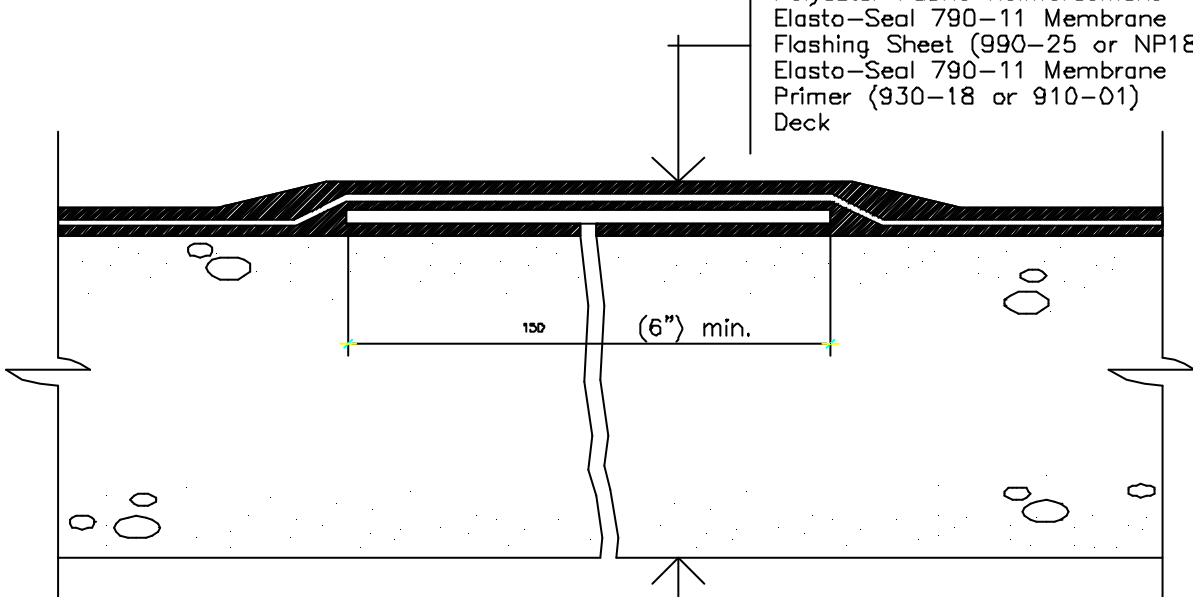
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Elasto-Seal 790-11 Membrane
 Polyester Fabric Reinforcement
 Elasto-Seal 790-11 Membrane
 Polyester Fabric Reinforcement
 Elasto-Seal 790-11 Membrane
 Primer (930-18 or 910-01)
 Deck

Cracks 1.5mm-3mm (1/16"-1/8")



Elasto-Seal 790-11 Membrane
 Polyester Fabric Reinforcement
 Elasto-Seal 790-11 Membrane
 Flashing Sheet (990-25 or NP180s/s)
 Elasto-Seal 790-11 Membrane
 Primer (930-18 or 910-01)
 Deck

Cracks 3mm-12mm (1/8"-1/2")

Notes

1. Cracks up to 1.5mm (1/16") require no special treatment.

Elasto-Seal 790-11 Waterproofing
**CRACK
 TREATMENT**
 CONCRETE DECK

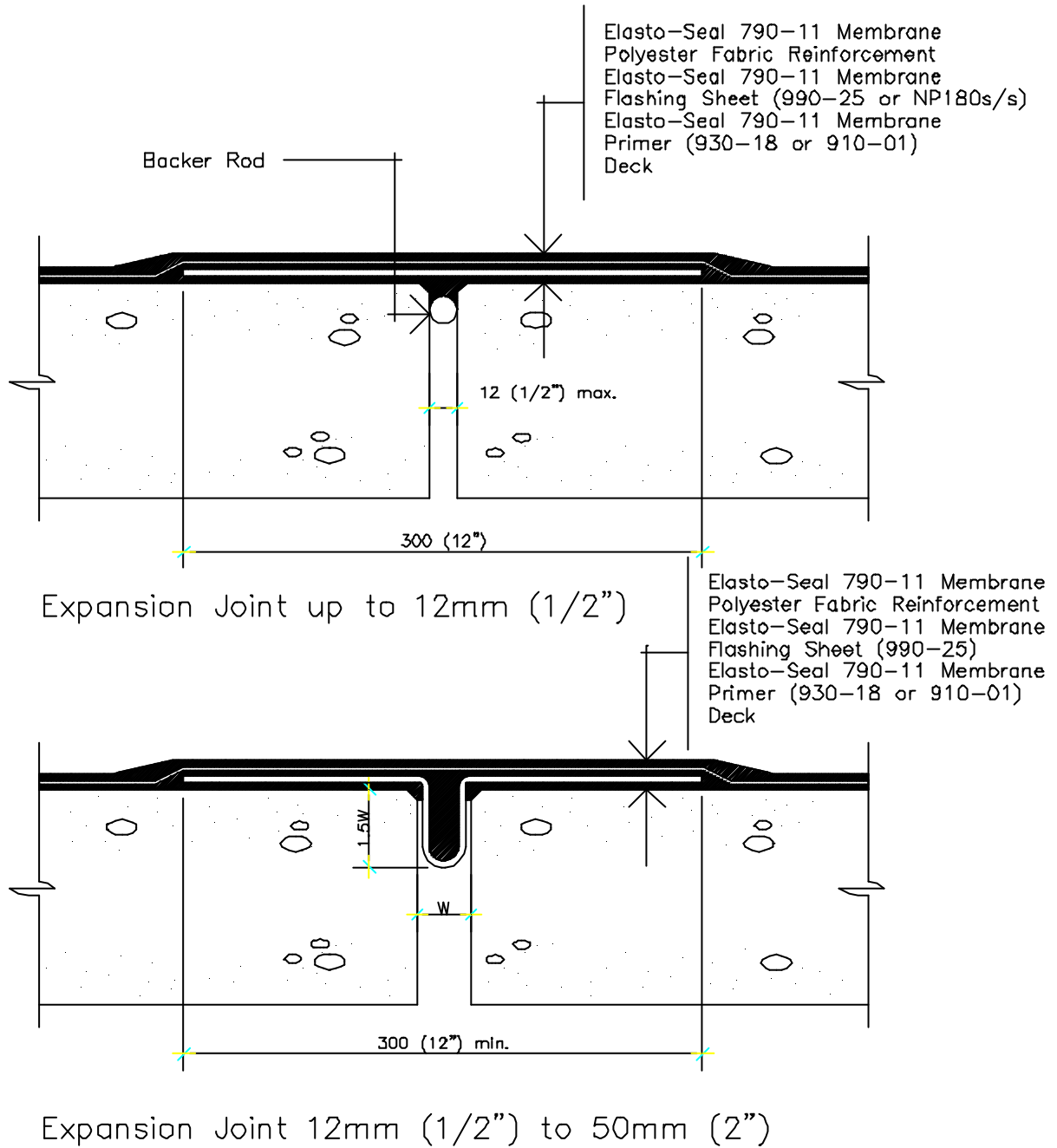
Scale: N.T.S. Plot: 1:5

Issued: 02-14-98 Revision: 02

WP-9B98

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 10 Blvd. Gauron, Ville St Pierre, PQ H8R 1N7



Notes

1. Bakor Inc. provides standard details for expansion joints as shown. However we highly recommend that designers use a prefabricated expansion joint which provides the primary waterproofing and which can effectively accommodate the waterproofing system.
2. Where excessive movement or vibration is expected, the designer should consider using a termination bar mechanically fastened through the flashing sheet on 300mm (12") centres on both sides of the joint.

Elasto-Seal 790-11 Waterproofing

EXPANSION JOINTS

DECK TO DECK

Scale: N.T.S.

Plot: 1:5

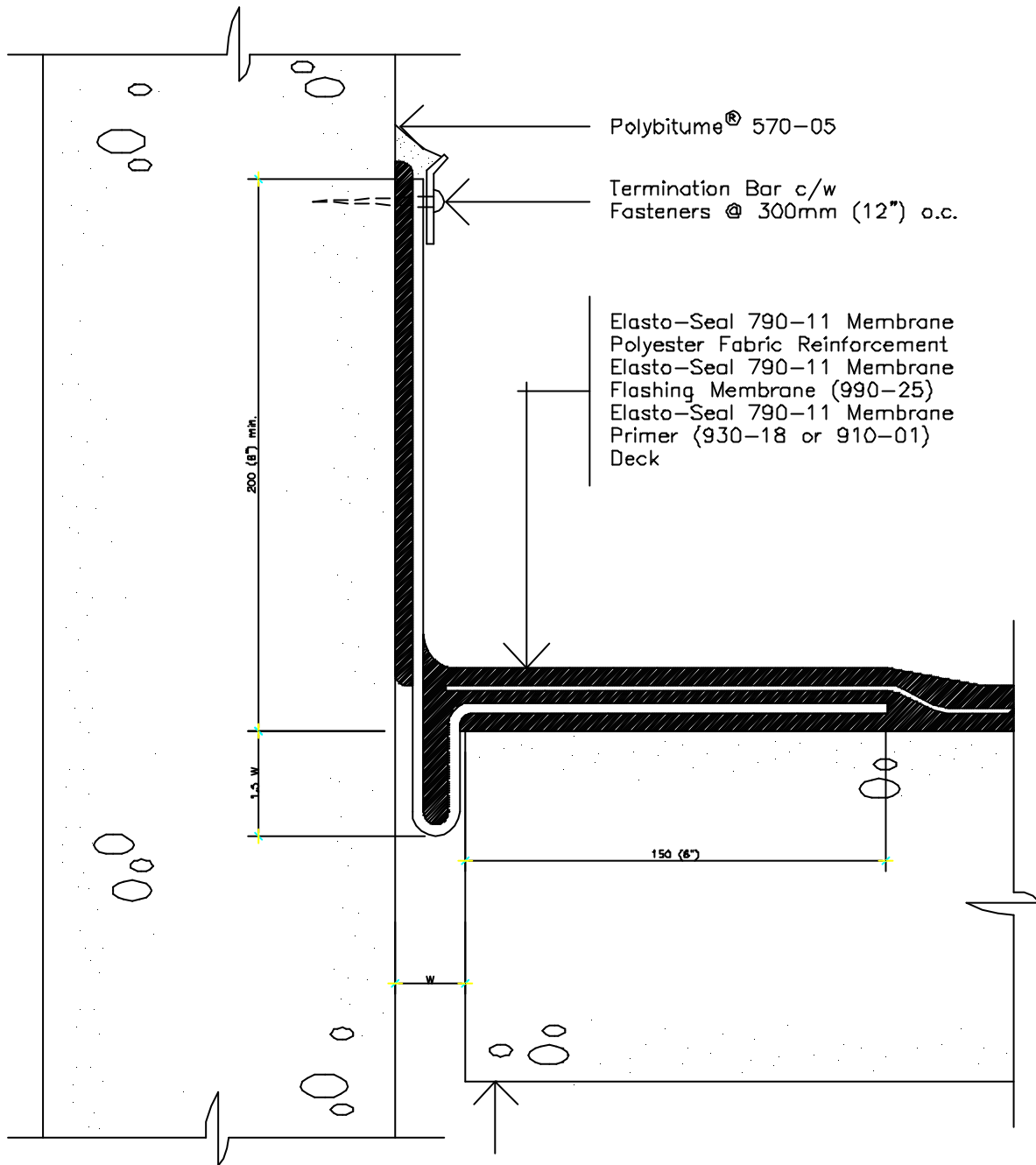
Issued: 02-14-98

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WP-10B98

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Notes

1. The flashing membrane is looped down into the joint to a depth of 1.5 times the width of the joint.
2. The minimum requirement for the termination bar is that it be 25mm (1") wide, made of aluminum or galvanized metal, and be pre-drilled on a maximum spacing of 300mm (12").
3. Where excessive movement or vibration is expected, the designer should consider using a termination bar mechanically fastened through the flashing sheet on 300mm (12") centres on the horizontal deck.

Elasto-Seal 790-11 Waterproofing
**EXPANSION
 JOINT**
 JOINTS 12mm (1/2") TO 50mm (2")

Scale: N.T.S

Plot: 1:5

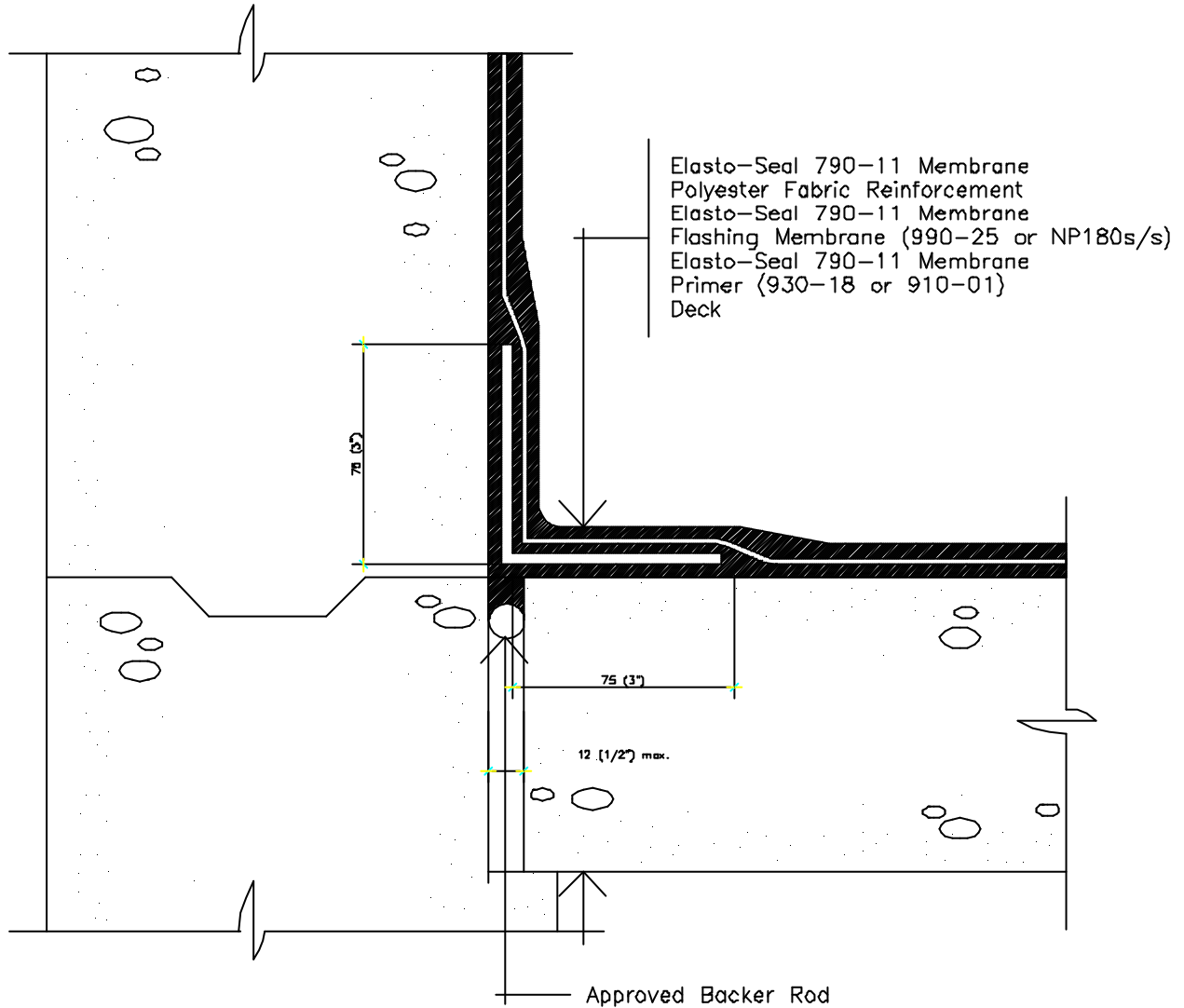
Issued: 02-14-98

Revision: 02

WP-11B98

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Notes

1. The flashing sheet can be either 990-25 Flashing Sheet or modifiedPLUS[®] NP180s/s.
2. The flashing sheet is set in a 3mm (1/8'') bed of Elasto-Seal 790-11 prior to installing the membrane in the field.
3. The first coat of Elasto-Seal 790-11 should be applied to a thickness of 2mm (3/32'') min. prior to the application of the Polyester Fabric. The second coat is applied to a thickness of 3mm (1/8'') min.

Elasto-Seal 790-11 Waterproofing

EXPANSION JOINT

JOINTS UP TO 12mm IN WIDTH

Scale: N.T.S.

Plot: 1:5

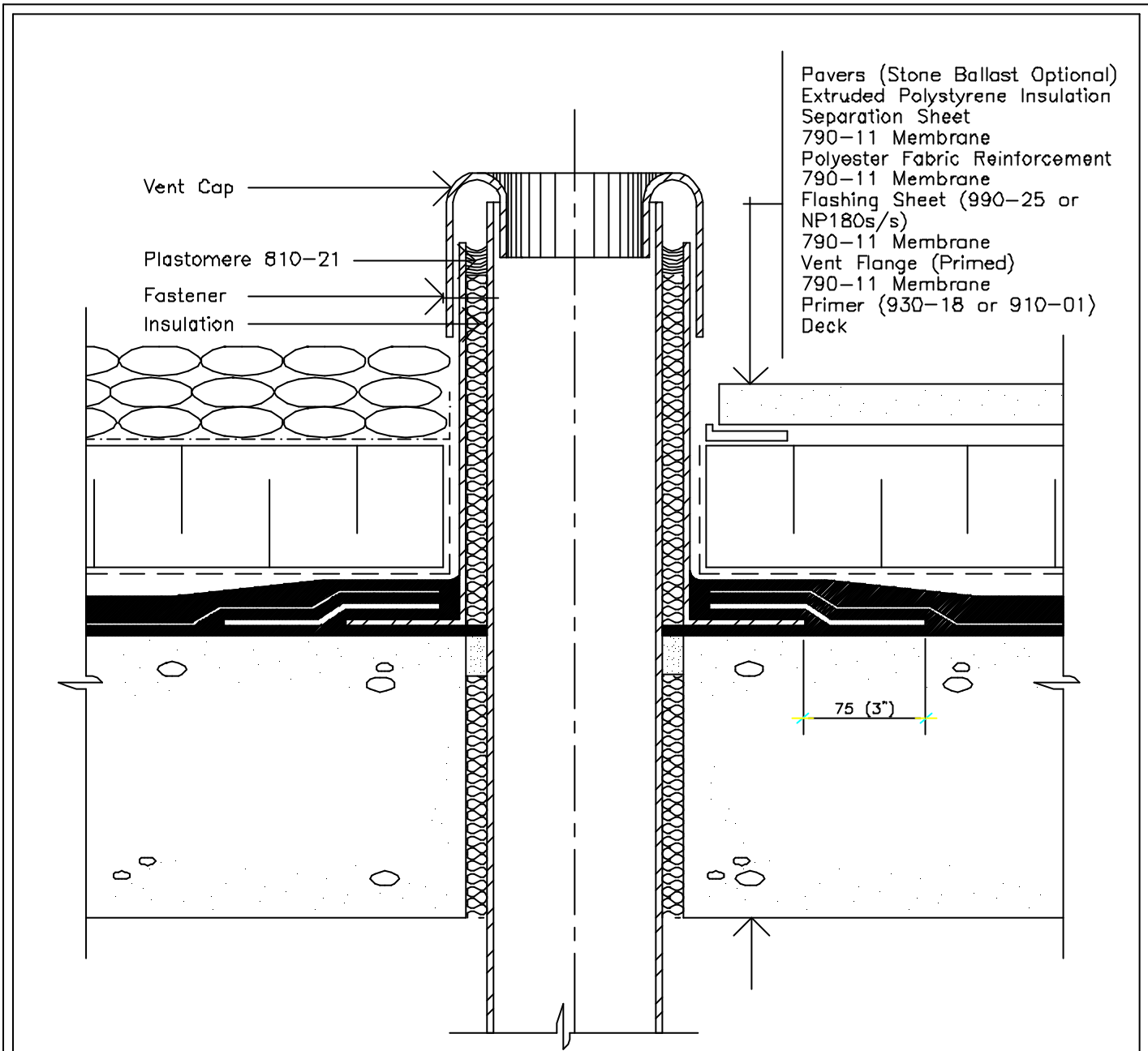
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Pavers (Stone Ballast Optional)
 Extruded Polystyrene Insulation
 Separation Sheet
 790-11 Membrane
 Polyester Fabric Reinforcement
 790-11 Membrane
 Flashing Sheet (990-25 or
 NP180s/s)
 790-11 Membrane
 Vent Flange (Primed)
 790-11 Membrane
 Primer (930-18 or 910-01)
 Deck

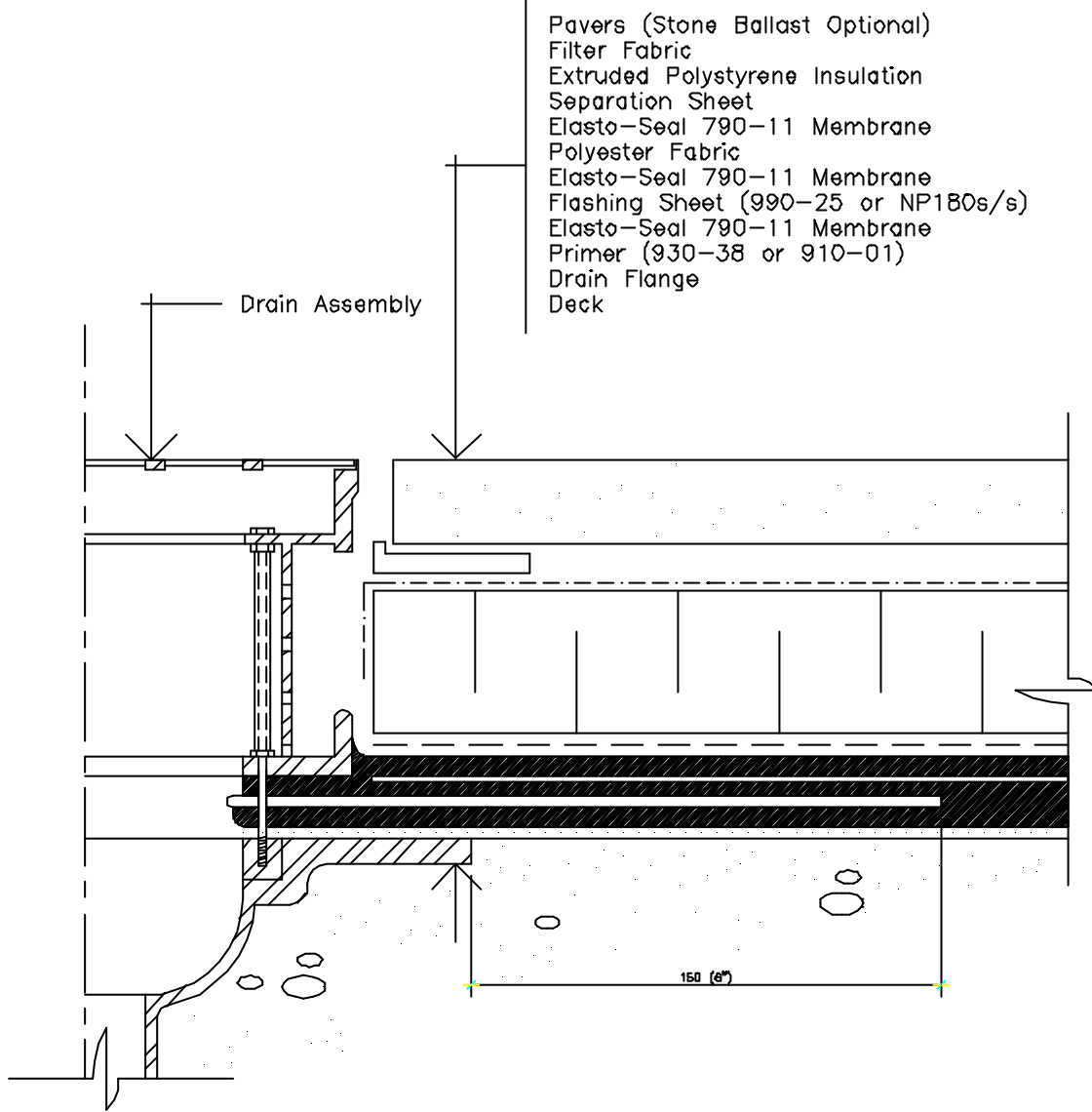
Vent Cap
 Plastomere 810-21
 Fastener
 Insulation

75 (3")

Notes

1. Follow appropriate codes for minimum vent height above roof deck.
2. Keep the flashing sheet 12mm (1/2") back from the vent stack and carry the Elasto-Seal 790-11 membrane up to the stack to ensure a complete seal.

Elasto-Seal 790-11 Waterproofing VENT DETAIL NOT CAST-IN-PLACE	Scale: N.T.S.	Plot: 1:5	 284 Watline Ave., Mississauga, ON L4Z 1P4 10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7
	Issued: D2-14-98	Revision: 02	
	WP-13B98		



Notes

1. The flashing sheet is set in a 3mm (1/8") bed of Elasto-Seal 790-11 and extends 150mm (6") beyond the drain flange.
2. The first coat of Elasto-Seal 790-11 should be applied to a thickness of 2mm (3/32") min. prior to the application of the Polyester Fabric. The second coat is applied to a thickness of 3mm (1/8") min.
3. Refer to drain manufacturers details for exact drain configuration.

Elasto-Seal 790-11 Waterproofing

DRAIN

TYPICAL PLAZA DECK ASSEMBLY

Scale: N.T.S.

Plot: 1:5

Issued: 02-14-98

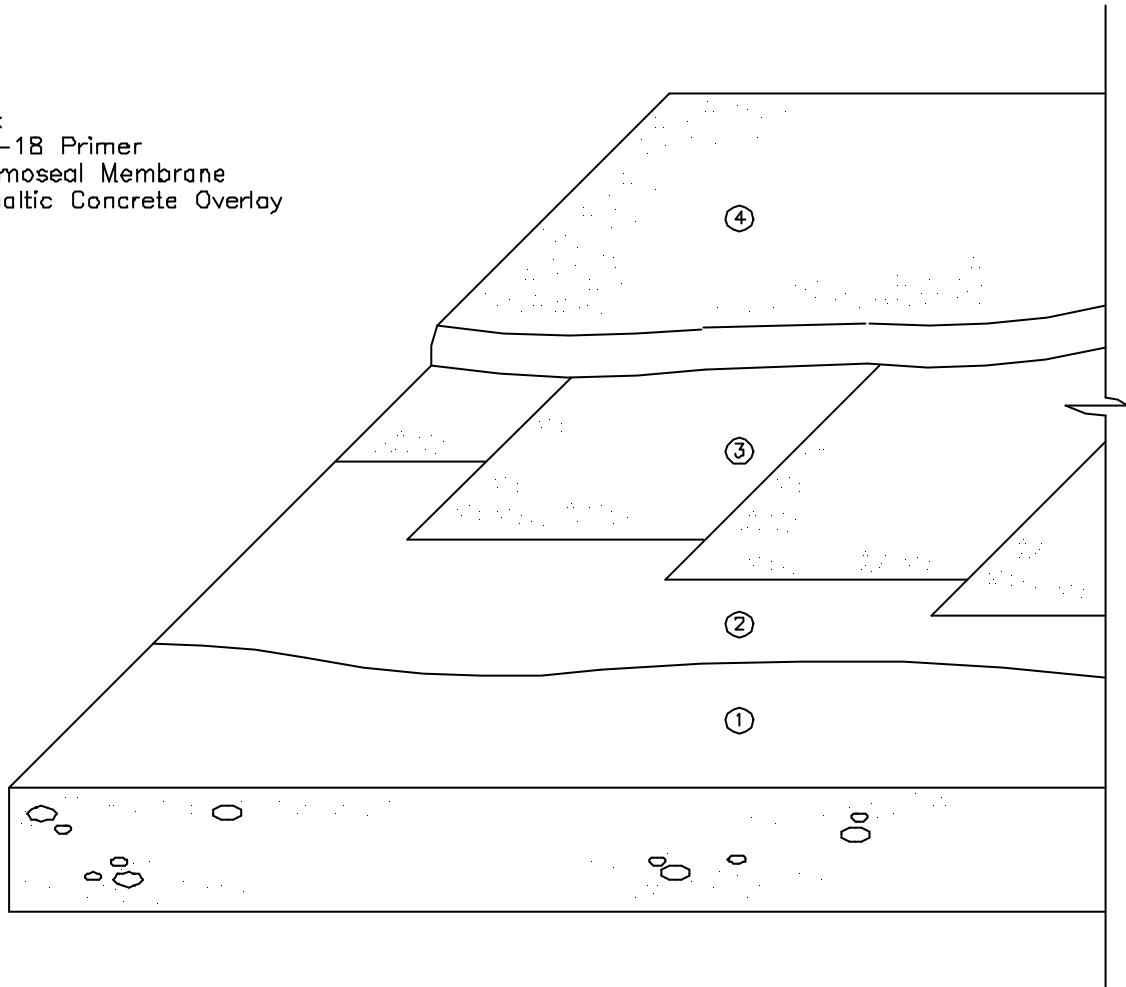
Revision: 02

WP-14B98

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284 Watline Ave., Mississauga, ON L4Z 1P4
 10 Blvd. Gauron, Ville St. Pierre, PQ H8R 1N7

1. Deck
2. 930-18 Primer
3. Thermoseal Membrane
4. Asphaltic Concrete Overlay



Notes

1. The Thermoseal membrane is a thermofusible SBS modified bitumen membrane reinforced with a non-woven polyester mat.
2. Asphaltic concrete may be placed directly over the Thermseal membrane without the need for protection board.

Thermoseal

SYSTEM DETAIL

CONCRETE DECK

Scale: N.T.S.

Plot: 1:5

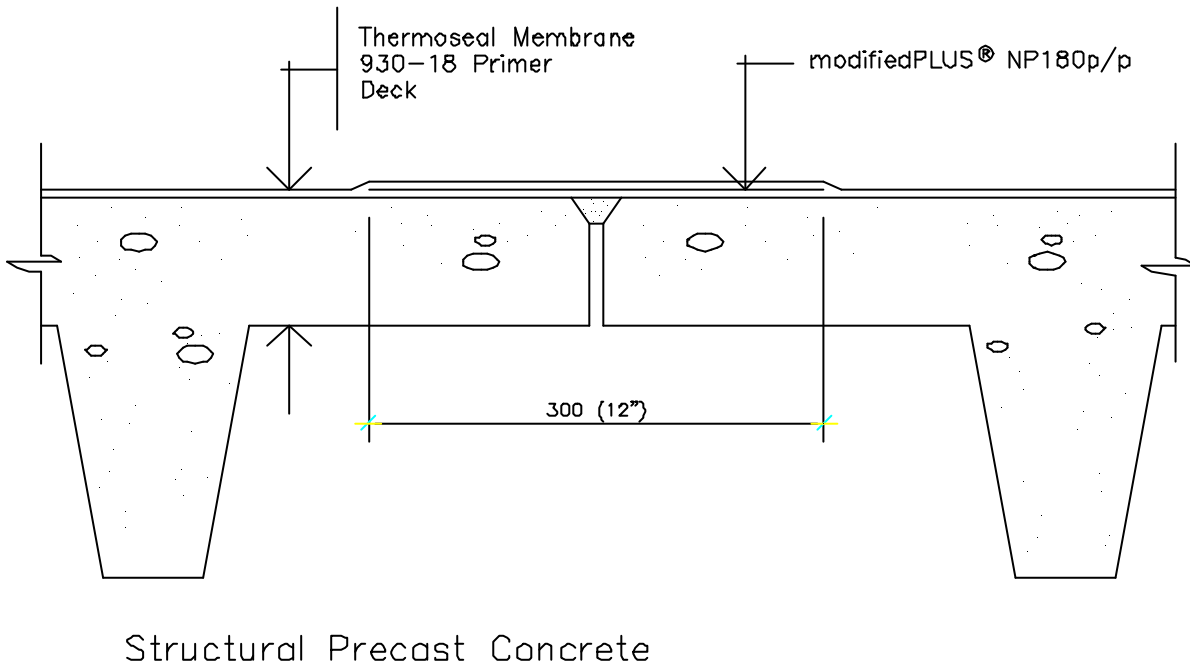
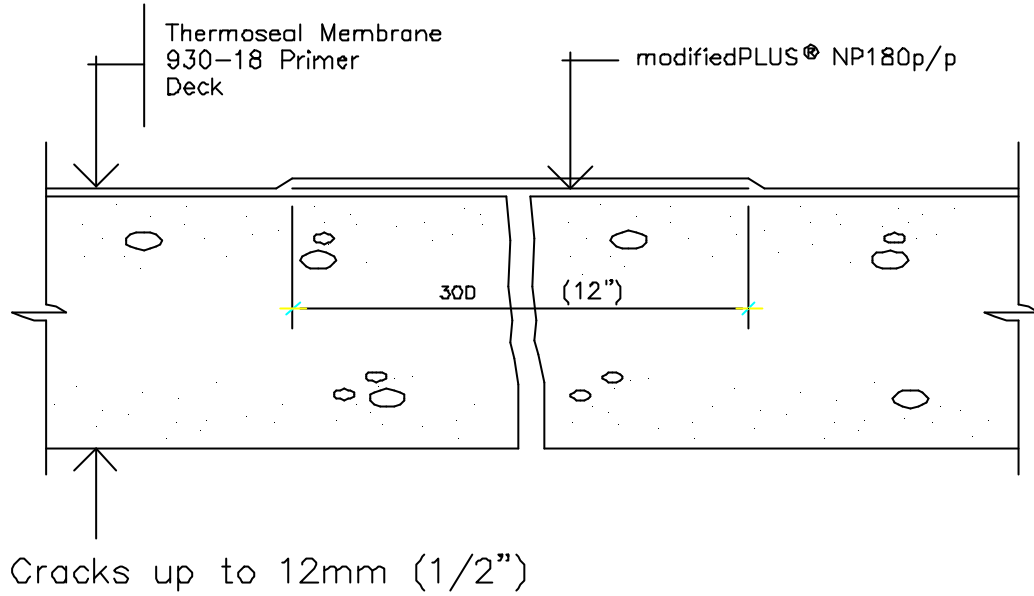
Issued: 02-14-98

Revision: 02

TS-1B98

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Thermoseal

CRACK
TREATMENT

CONCRETE/ PRECAST DETAILS

Scale: N.T.S

Plot: 1:5

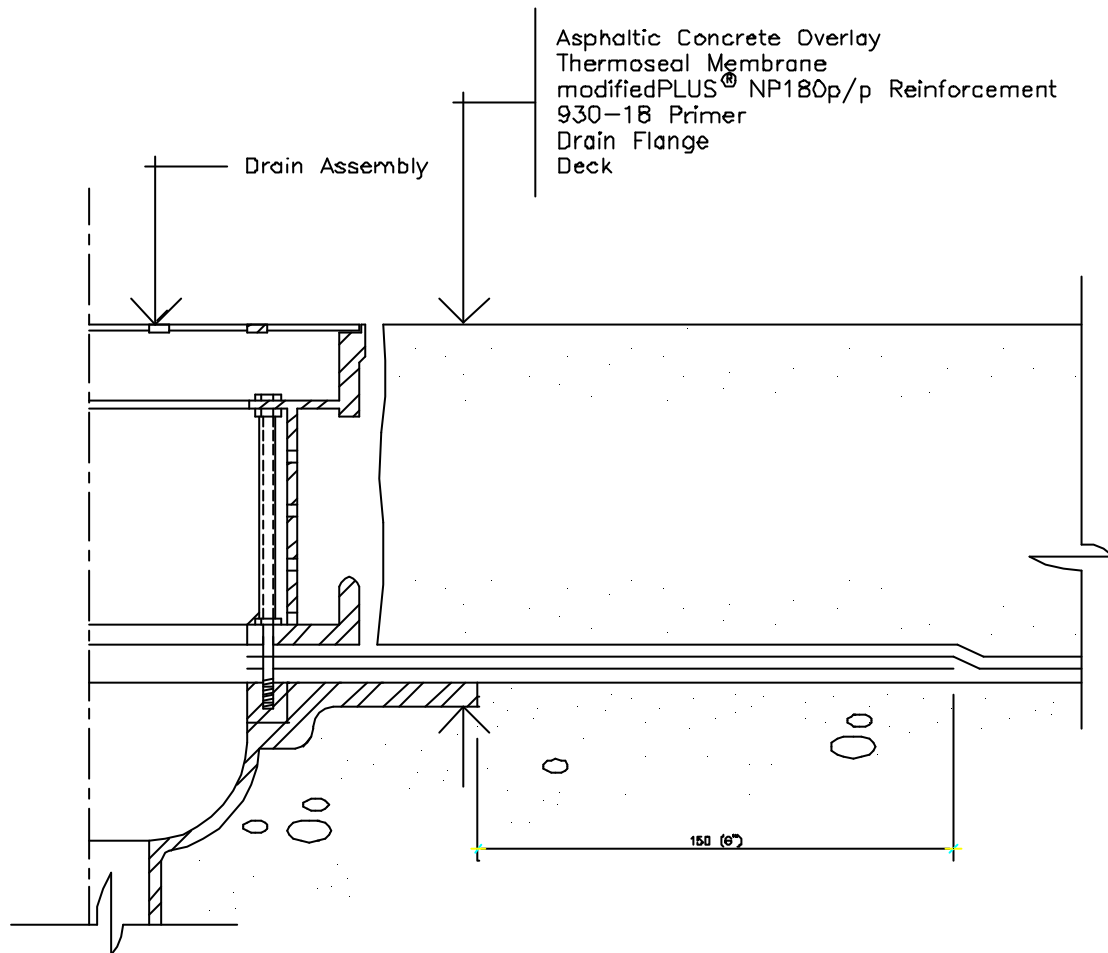
Issued: 02-14-98

Revision: 02

TS-2B98

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Notes

1. The drain is reinforced with an additional ply of modifiedPLUS[®] NP180p/p.
2. Refer to drain manufacturer's details.

Thermoseal

DRAIN

TYPICAL ASSEMBLY

Scale: N.T.S

Plot: 1:5

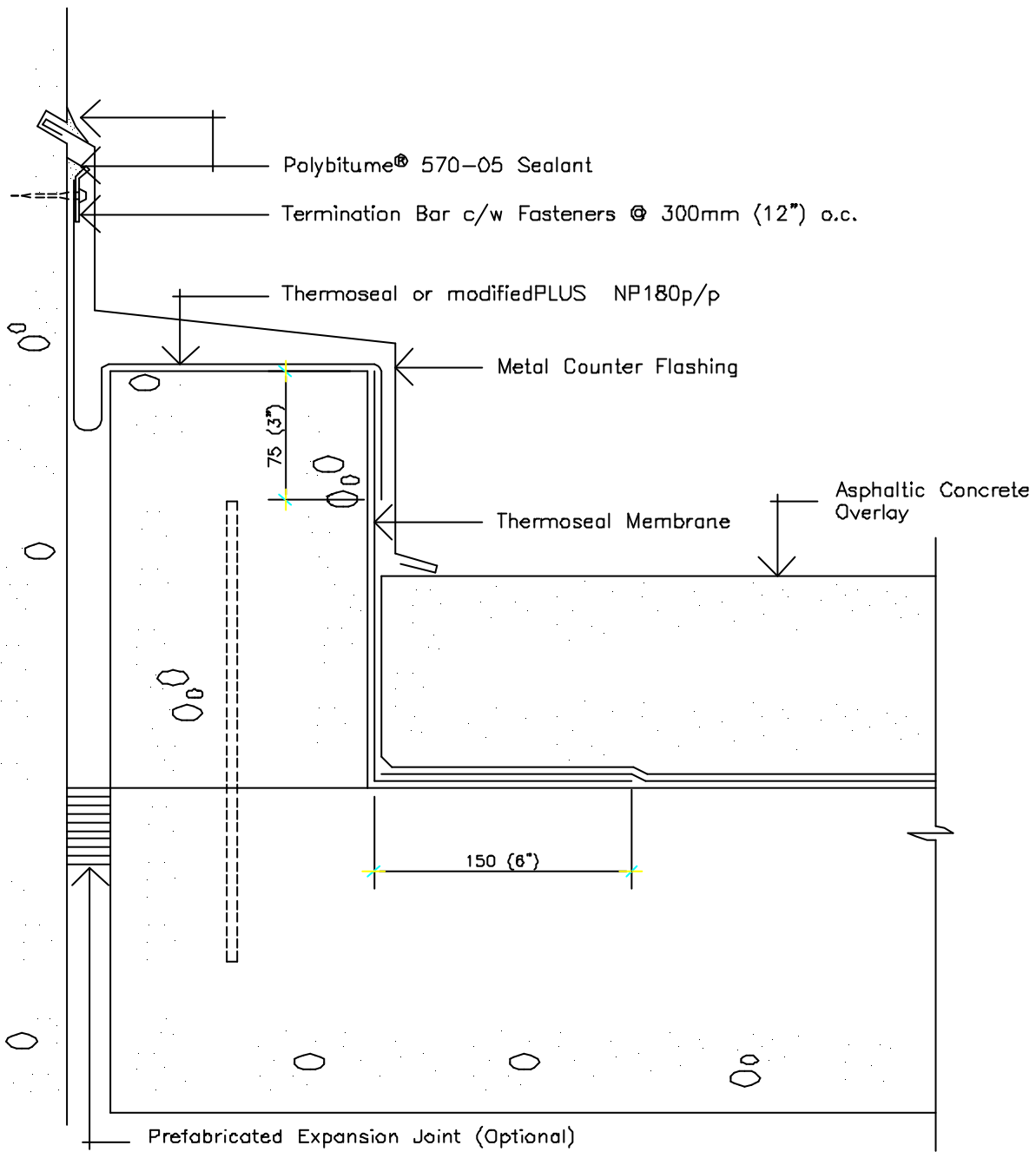
Issued: 02-14-98

Revision: 02

TS-3B98

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Notes

1. Good practice calls for the use of a curb and prefabricated expansion joint at the deck level.
2. 930-18 primer is the only acceptable primer with the Thermoseal system.

Thermoseal
 EXPANSION
 JOINT
 DECK TO WALL

Scale: N.T.S.

Plot: 1:5

Issued: 02-14-98

Revision: 02

TS-4B98

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 10 Blvd Gauran, Ville St Pierre, PQ H8R 1N7