The following details can be downloaded in a Revit format:

https://bimobject.com/DELTA-VENT SA

Wall Assembly 5 - Concrete Frame More Than 2 Inches of Exterior Insulation - Light Cladding
WALL ASSEMBLY #5:
TYPICAL BASE OF WALL
AT FOUNDATION

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.
WALL ASSEMBLY #5:
TYPICAL CLADDING ATTACHMENT AT FLOOR LEVEL

ATTACHMENT AT FLOOR LEVEL

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

6mil. polyethylene vapour control layer

1/2" exterior gypsum board sheathing

6" R24 ROXUL COMFORTBATT insulation to fill stud space

6" steel stud framed wall

backer rod and sealant joint

6mil. polyethylene vapour control layer

6" R24 ROXUL COMFORTBATT insulation to fill stud space

composite metal panel cladding system fastened to z-girts

2 layers of 2" ROXUL CAVITYROCK MD (R17 total) insulation, offset and stagger joints

4" fiberglass thermal spacer fastened to studs c/w galvanized vertical z-girt

DELTA®-FLEXX-BAND transition membrane

DELTA®-VENT SA fully-adhered air and water resistive barrier

DELTA®-FLEXX-BAND flexible transition membrane, held 1/2" back from face of cladding

continuous 24ga galvanized flashing tucked into frame extrusion
drain holes
continuous sloped 24ga. galvanized sub-flashing
drain to exterior of gull wing gasket
intermittent clip
DELTA®-VENT SA fully-adhered air and water resistive barrier
DELTA®-FLEXX-BAND transition membrane
backer rod for membrane support

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

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4655 DELTA WAY BEAMSVILLE, ON. L0R 1B4 CANADA
1-888-433-5824 or 1-905-563-3255
6" R24 ROXUL COMFORTBATT insulation to fill stud space

6mil. polyethylene vapour control layer

1/2" exterior gypsum board sheathing

DELTA®-FLASHING membrane to extend onto curtainwall throat and lap over DELTA®-VENT SA

6" fiberglass thermal spacer

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

blocking to suit gypsum board return or interior trim

backer rod and DELTA®-TILAXX sealant joint from window frame
to membrane for air & thermal continuity

double glazed curtain wall assembly

pre-finished sill flashing below

composite metal panel jamb closure

continuous backer rod and sealant

6mil. polyethylene vapour control layer

1/2" exterior gypsum board sheathing

DELTA®-FLASHING membrane to extend onto curtainwall throat and lap over DELTA®-VENT SA

6" fiberglass thermal spacer

1/2" galvanized vertical z-girt

DELTA®-VENT SA fully-adhered air and water resistive barrier

2 layers of 2" ROXUL CAVITYROCK MD (R17 total) insulation, offset and stagger joints

DELTA®-FLEXX-BAND transition membrane

composite metal panel cladding system

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

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DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.
6" R24 ROXUL COMFORTBATT insulation to fill stud space
6mil. polyethylene vapour control layer
1/2" exterior gypsum board sheathing
DELTA®-FLASHING membrane to extend onto curtainwall throat and lap over DELTA®-VENT SA
NOTE: DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

blocking to suit gypsum board return or interior trim
backer rod and DELTA®-TILAXX sealant
joint from window frame to membrane for air and thermal continuity
fill void with insulation
double glazed aluminum, thermally broken window
continuous backer rod and sealant
pre-finished sill flashing below
composite metal panel cladding system
4" fiberglass thermal spacer
1/2" galvanized vertical z-girt
DELTA®-VENT SA fully-adhered air and water resistive barrier
2 layers of 2" ROXUL CAVITYROCK MD (R17 total) insulation, offset and stagger joints
DELTA®-FLEXX-BAND transition membrane

NOTE: DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

WALL ASSEMBLY #5: TYPICAL PUNCHED WINDOW JAMB

WALL ASSEMBLY #5: TYPICAL PUNCHED WINDOW JAMB

TITLE:

TYPICAL PUNCHED WINDOW JAMB

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NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

DELTA®-TILAXX sealant joint from window frame to membrane/angle for air continuity

continuous metal angle

blocking to suit gypsum board return or interior trim

intermittent plastic shims @ 12" o.c. (thickness as req’d 1/4" min.)

6mil. polyethylene vapour control layer

6" R24 ROXUL COMFORTBATT insulation to fill stud space

1/2" exterior gypsum board sheathing

6" steel stud framed wall

double glazed aluminum, thermally broken window

sealant

Pre-finished sill flashing c/w clips and end dams

insect screen

DELTA®-VENT SA fully-adhered air and water resistive barrier

2 layers of 2" ROXUL CAVITYROCK MD (R17 total) insulation, offset and stagger joints

composite metal panel cladding system fastened to z-girts

DELTA®-FLEXX-BAND transition membrane

DELTA®-FLASHING membrane to extend into rough opening and up and over metal angle

4" fiberglass thermal spacer fastened to studs c/w galvanized vertical z-girt

DELTA®-FLEXX-BAND transition membrane

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

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WALL ASSEMBLY #5: TYPICAL PUNCHED WINDOW SILL

TITLE:

4655 DELTA WAY BEAMSVILLE, ON. L0R 1B4 CANADA
1-888-433-5824 or 1-905-563-3255

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Waterproofing membrane to lap from roof membrane, up over parapet and onto DELTA®-VENT SA

2 ply SBS roof membrane

4" R15 ROXUL TOPROCK DD insulation

4" R15 ROXUL TOPROCK DD PLUS insulation, joints offset and staggered

2" exterior gypsum board sheathing

6mil. polyethylene vapour control layer

6" steel stud framed wall

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

PRE-FINISHED parapet cap flashing c/w hook clips, both sides, for attachment

6" R24 ROXUL COMFORTBATT insulation to fill stud space

INSECT SCREEN

2 layers of 2" ROXUL CAVITYROCK MD (R17 total) insulation, offset and stagger joints

6" R24 ROXUL COMFORTBATT insulation to fill stud space

6" steel stud framed wall

PRE-FINISHED parapet cap flashing c/w hook clips, both sides, for attachment

6" exterior gypsum board sheathing

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

4" fiberglass thermal spacer fastened to studs c/w galvanized vertical z-girt

DELTA®-VENT SA fully-adhered air and water resistive barrier

DELTA®-FLEXX-BAND transition membrane

backer rod for membrane support

composite metal panel cladding system fastened to z-girts

4" R24 ROXUL COMFORTBATT insulation to fill stud space

6" steel stud framed wall

PRE-FINISHED parapet cap flashing c/w hook clips, both sides, for attachment

6" exterior gypsum board sheathing

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

4" fiberglass thermal spacer fastened to studs c/w galvanized vertical z-girt

DELTA®-VENT SA fully-adhered air and water resistive barrier

DELTA®-FLEXX-BAND transition membrane

backer rod for membrane support

composite metal panel cladding system fastened to z-girts

4" R24 ROXUL COMFORTBATT insulation to fill stud space

6" steel stud framed wall

PRE-FINISHED parapet cap flashing c/w hook clips, both sides, for attachment

6" exterior gypsum board sheathing

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

4" fiberglass thermal spacer fastened to studs c/w galvanized vertical z-girt

DELTA®-VENT SA fully-adhered air and water resistive barrier

DELTA®-FLEXX-BAND transition membrane

backer rod for membrane support

composite metal panel cladding system fastened to z-girts

4" R24 ROXUL COMFORTBATT insulation to fill stud space

6" steel stud framed wall

PRE-FINISHED parapet cap flashing c/w hook clips, both sides, for attachment

6" exterior gypsum board sheathing

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

4" fiberglass thermal spacer fastened to studs c/w galvanized vertical z-girt

DELTA®-VENT SA fully-adhered air and water resistive barrier

DELTA®-FLEXX-BAND transition membrane

backer rod for membrane support

composite metal panel cladding system fastened to z-girts

4" R24 ROXUL COMFORTBATT insulation to fill stud space

6" steel stud framed wall

PRE-FINISHED parapet cap flashing c/w hook clips, both sides, for attachment

6" exterior gypsum board sheathing

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.

4" fiberglass thermal spacer fastened to studs c/w galvanized vertical z-girt

DELTA®-VENT SA fully-adhered air and water resistive barrier

DELTA®-FLEXX-BAND transition membrane

backer rod for membrane support

composite metal panel cladding system fastened to z-girts

4" R24 ROXUL COMFORTBATT insulation to fill stud space

6" steel stud framed wall

PRE-FINISHED parapet cap flashing c/w hook clips, both sides, for attachment

6" exterior gypsum board sheathing

NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.