The following details can be downloaded in a Revit format:

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

Wall Assembly 2 - Steel Frame
More Than 2 Inches of Exterior Insulation - Light Cladding
TITLE: WALL ASSEMBLY #2: TYPICAL CLADDING 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

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

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

DELTA®-FLEXX BAND transition membrane

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

NDT™-VENT SA fully-adhered air and water resistive barrier

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

continuous 24ga galvanized flashing tucked into frame extrusion

composite metal panel cladding system fastened to z-girts

6mil. polyethylene vapour control layer

6" R24 ROXUL COMFORTBATT insulation to fill stud space

backer rod and sealant joint

DELTA®-FLEXX-BAND transition membrane

6mil. polyethylene vapour control layer

6" R24 ROXUL COMFORTBATT insulation to fill stud space

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

backer rod for membrane support

DELTA®-FLEXX-BAND transition membrane

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

DRAWN BY: DÖRKEN SYSTEMS INC. & RDH BUILDING SCIENCE LABORATORIES

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

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NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.
NOTE:
DELTA®-FLEXX-BAND patch installed at penetrations to seal around fasteners.
6" steel stud framed wall

6mil. polyethylene vapour control layer

1/2" exterior gypsum board sheathing

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

DELTA®-THAN sealant and backer rod around penetration from interior

6" R24 ROXUL COMFORTBATT insulation to fill stud space

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

DELTA®-FLEXX-BAND transition membrane

composite metal panel cladding system fastened to z-girts

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

metal escutcheon

backer rod and sealant

DELTA®-FLEXX-BAND transition membrane installed in two pieces, bottom first and then top

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

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

DELTA®-FLEXX-BAND transition membrane

WALL ASSEMBLY #2: TYPICAL PENETRATION
TITLE:
WALL ASSEMBLY #2: TYPICAL PUNCHED WINDOW HEAD

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TITLE:
WALL ASSEMBLY #2:
TYPICAL PUNCHED WINDOW JAMB

DRAWN BY: DÖRKEN SYSTEMS INC. & RDH BUILDING SCIENCE LABORATORIES

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

SUBSTANTIAL EFFORT HAS BEEN MADE TO ENSURE THAT THE INFORMATION IN THIS DETAIL DRAWING IS ACCURATE. DÖRKEN SYSTEMS INC. AND RDH BUILDING SCIENCE LABORATORIES CANNOT ACCEPT RESPONSIBILITY FOR ANY ERRORS OR OVERSIGHTS IN THE USE OF THIS MATERIAL OR IN THE PREPARATION OF ARCHITECTURAL OR ENGINEERING PLANS. THE DESIGN PROFESSIONAL MUST RECOGNIZE THAT NO DESIGN DETAIL CAN SUBSTITUTE FOR EXPERIENCED ENGINEERING AND PROFESSIONAL JUDGEMENT.
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

6mil. polyethylene vapour control layer

backer rod and sealant joint

6" steel stud framed wall

6" R24 ROXUL COMFORTBATT insulation to fill stud space

air and vapour control layer

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

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

DELTA®-FLEXX-BAND transition membrane

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

1/2" exterior gypsum board sheathing

6" R24 ROXUL COMFORTBATT insulation to fill stud space

slope

insect screen

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

DELTA®-FLEXX-BAND transition membrane

4" R15 ROXUL TOPROCK DD insulation

PRE-FINISHED PARAPET CAP FLAShING C/W HOOK CLIPS, BOTH SIDES, FOR ATTACHMENT

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

6" R24 ROXUL COMFORTBATT insulation to fill stud space

6" steel stud framed wall

6" R24 ROXUL COMFORTBATT insulation to fill stud space

6" steel stud framed wall

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