Mardome Trade

TB276

Guidance for using the Mardome Trade Access Hatch BIM Revit Object

Guide for using Mardome Trade Access Hatch BIM Object for Revit

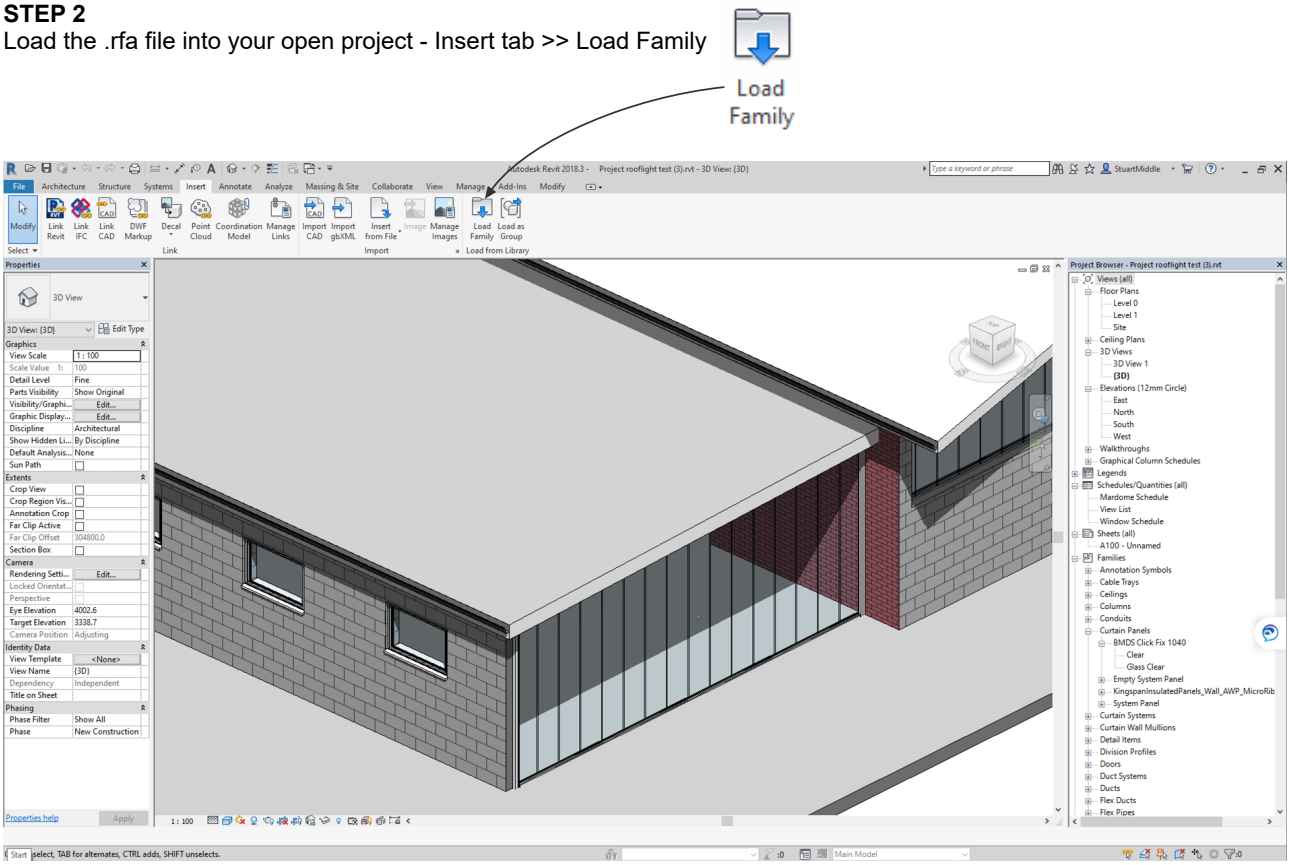
The Mardome Trade Access Hatch BIM Object has been created as a Revit Family (.rfa).

It is available in a variety of sizes which can be selected when loading the Mardome rfa into a project and further configured within the project.

The size data is contained within a .txt file of the same name which must remain in the same file location as the .rfa file.

STEP 1
Save the BMDS_Mardome TRADE - ACCESS HATCH.rfa file with the corresponding .txt file into your Revit Family Object folder.

STEP 2
Load the .rfa file into your open project - Insert tab >> Load Family



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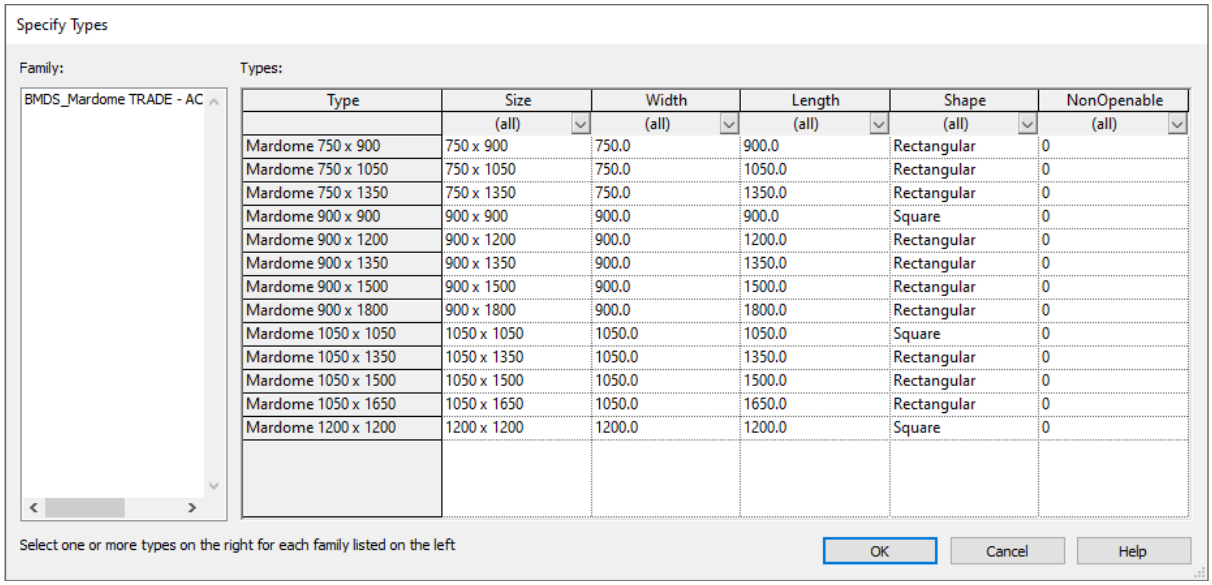
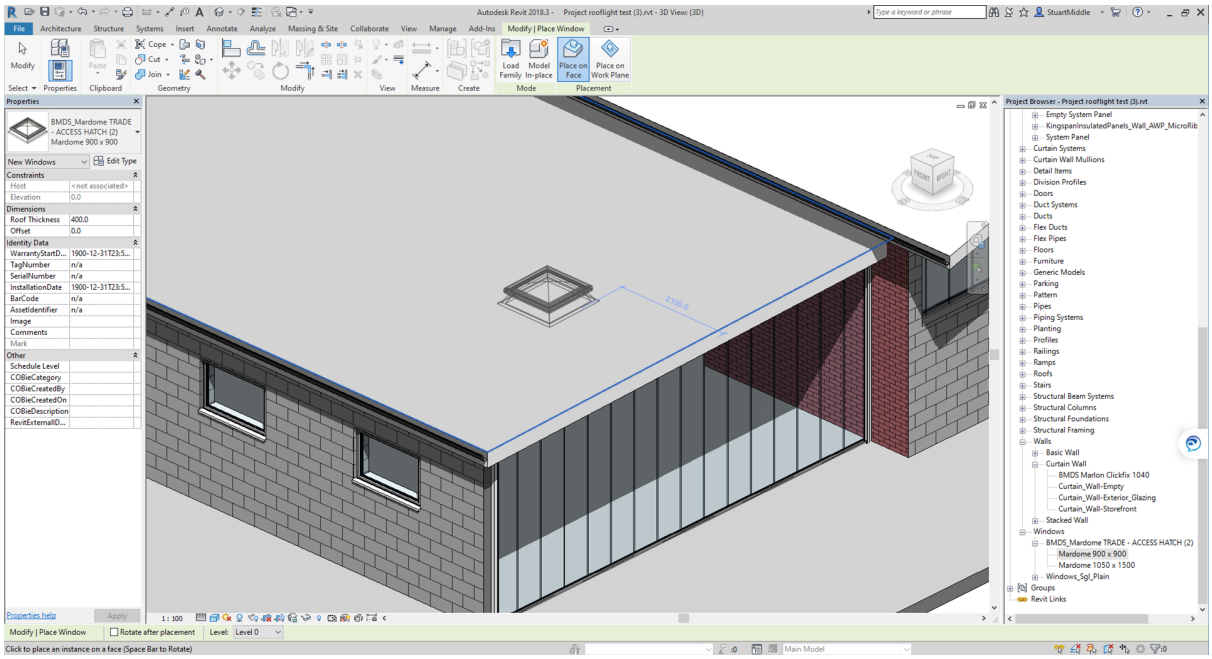
STEP 2 cont.
At this stage you now need to decide on which size of Mardome Trade Access Hatch size(s) you require, you can select and load multiple options at the same time if required. When you have selected your type(s) select OK.



Type	Size	Width	Length	Shape	NonOpenable
	(all)	(all)	(all)	(all)	(all)
Mardome 750 x 900	750 x 900	750.0	900.0	Rectangular	0
Mardome 750 x 1050	750 x 1050	750.0	1050.0	Rectangular	0
Mardome 750 x 1350	750 x 1350	750.0	1350.0	Rectangular	0
Mardome 900 x 900	900 x 900	900.0	900.0	Square	0
Mardome 900 x 1200	900 x 1200	900.0	1200.0	Rectangular	0
Mardome 900 x 1350	900 x 1350	900.0	1350.0	Rectangular	0
Mardome 900 x 1500	900 x 1500	900.0	1500.0	Rectangular	0
Mardome 900 x 1800	900 x 1800	900.0	1800.0	Rectangular	0
Mardome 1050 x 1050	1050 x 1050	1050.0	1050.0	Square	0
Mardome 1050 x 1350	1050 x 1350	1050.0	1350.0	Rectangular	0
Mardome 1050 x 1500	1050 x 1500	1050.0	1500.0	Rectangular	0
Mardome 1050 x 1650	1050 x 1650	1050.0	1650.0	Rectangular	0
Mardome 1200 x 1200	1200 x 1200	1200.0	1200.0	Square	0

STEP 3
The object(s) will now be available for use from the Project Browser, under Families >> Windows >> Mardome TRADE - ACCESS HATCH.

a) the easiest way to use them is to drag directly from the Project Browser onto the required roof, the object sits on the outer surface of the roof (please note: the maximum roof pitch for the Mardome Trade Access Hatch is 15°).



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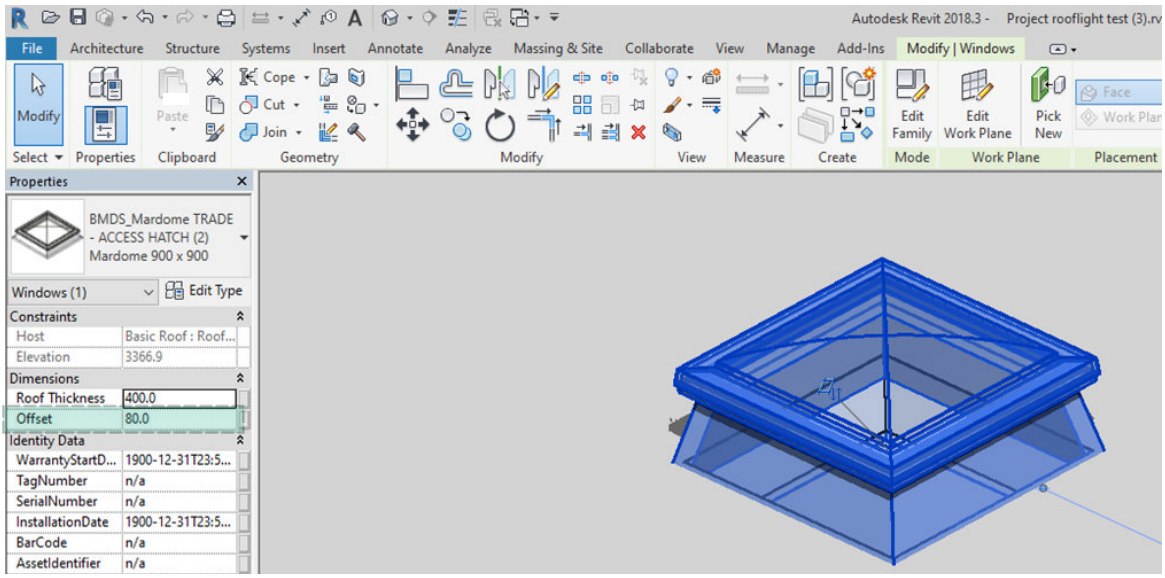
b) There is the option to position the object below the outer surface level if required (this is mainly for use with the Tall Kerb option), this is done by entering the offset value required in the Properties tab as shown below.



STEP 4

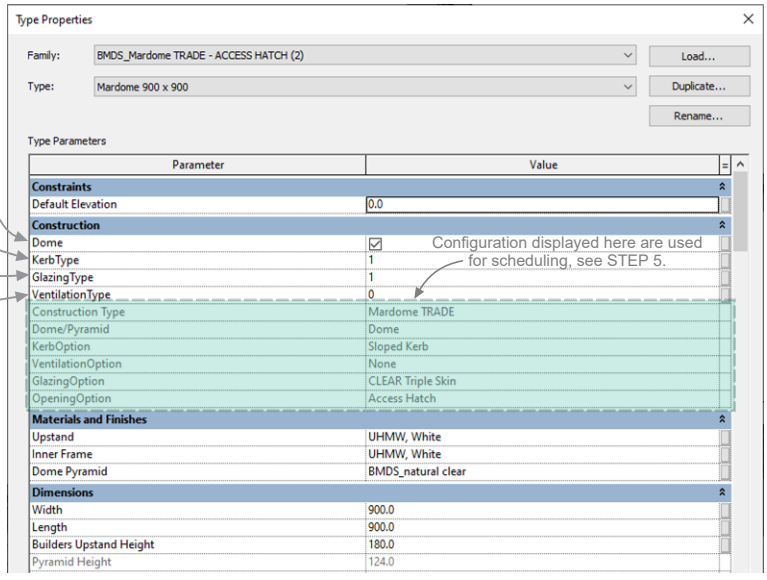
The Mardome Family Type your have selected can now be further configured to the specific type your require. Select the object to be configured then select Type Properties and configure as follows:

Dome or Pyramid
For Dome *tick*, for Pyramid *un-tick*

Kerb Type
1 - Sloped Kerb
2 - Tall Kerb
3 - Builders Upstand)

Glazing Type
1 - Clear TRIPLE SKIN
2 - Clear QUAD SKIN
3 - Clear STRUCTURED PC INNER
4 - Opal TRIPLE SKIN
5 - Opal QUAD SKIN
6 - Opal STRUCTURED PC INNER

Ventilation Type
0 - None
1 - Manual Trickle Vent
2 - Automatic Humidity Controlled Trickle Vent



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STEP 5
The Mardome Trade Access Hatche(s) (and other Mardomes) used in the project can be scheduled with the suggested parameters:

<Mardome Schedule>							
A	B	C	D	E	F	G	H
Manufacturer	Construction Type	Size	GlazingOption	KerbOption	Dome/Pyramid	VentilationOption	OpeningOption
Brett Martin Daylight Systems	Mardome TRADE	900 x 900	CLEAR Triple Skin	Tall Kerb	Dome	Automatic Humidity Controlled Trickle Vent	Access Hatch
Brett Martin Daylight Systems	Mardome TRADE	900 x 900	CLEAR Triple Skin	Tall Kerb	Dome	Automatic Humidity Controlled Trickle Vent	Access Hatch
Brett Martin Daylight Systems	Mardome TRADE	1050 x 1500	CLEAR Triple Skin	Sloped Kerb	Pyramid	Manual Trickle Vent	Access Hatch

Other parameters can also be used where applicable.