



ORB REVIT MODEL PROJECT START-UP

Exposition

ORB utilizes the *Autodesk construction Cloud* as its main platform to host project models. This platform is a model hosting service that allows extraction and sharing of data between multiple disciplines and clients.

To access it you'll need your Autodesk account credentials, provided by ORB at the start of your employment. Once you have these, you'll be able to access the *projects you are invited to* from any device that can host the appropriate versions of Revit. Alternatively, you can utilize it as a model viewer from the web.

Autodesk Construction Cloud

Project Organization

All the projects on this platform are organized to mirror the server project folders and will have the same project number and naming convention.

Type	Name
	21-235 Broadstone Van Buren - BUILD NWC of Van Buren & 11th Street
	22-204 BS Catalina SWC OF E. Wrightsown Rd. and N. Pantano Rd.
	23-101 Gentner Residence_Build 4858 E Cholla
	21-216 Aura Willowick Build
	23-201 GH Grayhawk Chandler E Fry Road & S Nevada Street
	20-404 Sun Lakes _ Tenant Improvement
	21-219 Modera Rio Salado _ Build 835 West Rio Salado Parkway
	22-225 Aura Chandler East Frye Road
	22-223 Markana Uptown, Phase II - Build 6500 Americas Parkway NE

If a project is not found on the Autodesk Construction Cloud, please coordinate with the Project Coordinator or a BIM Manager. Always backcheck with the administration staff to make sure there is a billing session on Core for the project you are starting.

Project Naming Convention

The Name of a project is defined by the year it was started (Provided by Admin), the number of the project (Provided by Admin), and the project initial name.

Ex 00-101 Orb Sample Project (Year-Project Number/ Initial Name)



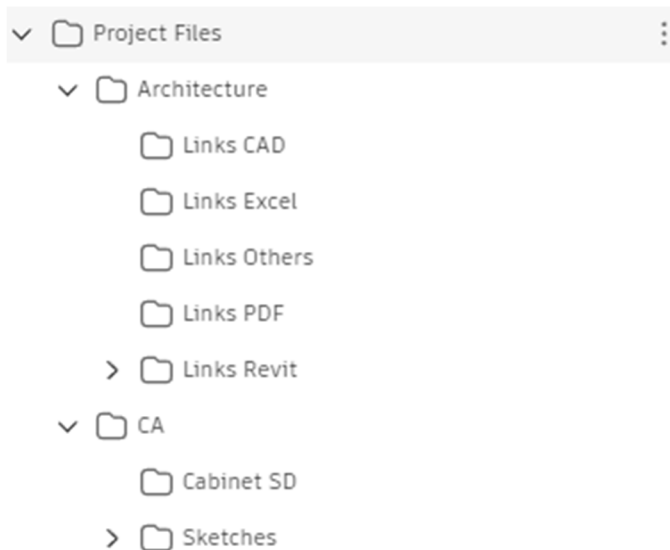
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Project Folders

Once you are inside of the project directory you will find two main folders: CA and Architecture.

- Architecture: This is where most of the construction document files will live, and where your model will be hosted (Refer to Hosting Cloud Model Section for how to achieve this). It's imperative that all the linked files are also located here and not on the local server. Failure to comply with this point will result in experiencing slower model speeds. Also, remote team members in the project won't be able to access the documents from their offsite devices.
- CA: Here you will find all the architectural sketches and supporting documentation created by our CA team during the Construction Phase of the project.

Folder Structure Sample:





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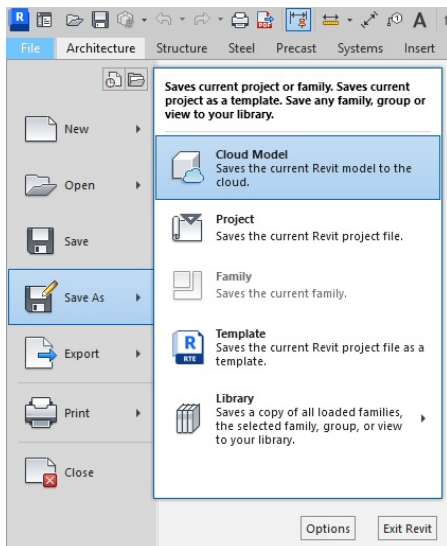
Creating a Cloud Model

A cloud model is a model that is hosted through Revit to the *Autodesk Construction Cloud*.

Please note that a linked model or a model that has been uploaded to ACC is not necessarily cloud hosted. Failing to host a model properly will result in it not being visible when publishing.

Templates and Hosting a Cloud Model

To start a model, you will need to locate the appropriate model template. After locating the template open it and do a save as to the Autodesk Construction Cloud. This can be done going through File -> Save As -> Cloud Model. Uploading the model this way it will change the model from being a *local central file* into a *Cloud Model*



- ORB Template – Year (for Central Documentation Files)
- ORB Unit Interior (for Linked Units)
- ORB Survey File (for ALTA Survey file)

Revit Templates Are located in the directory below:

S:\Revit Support\ORB Libraries\Templates