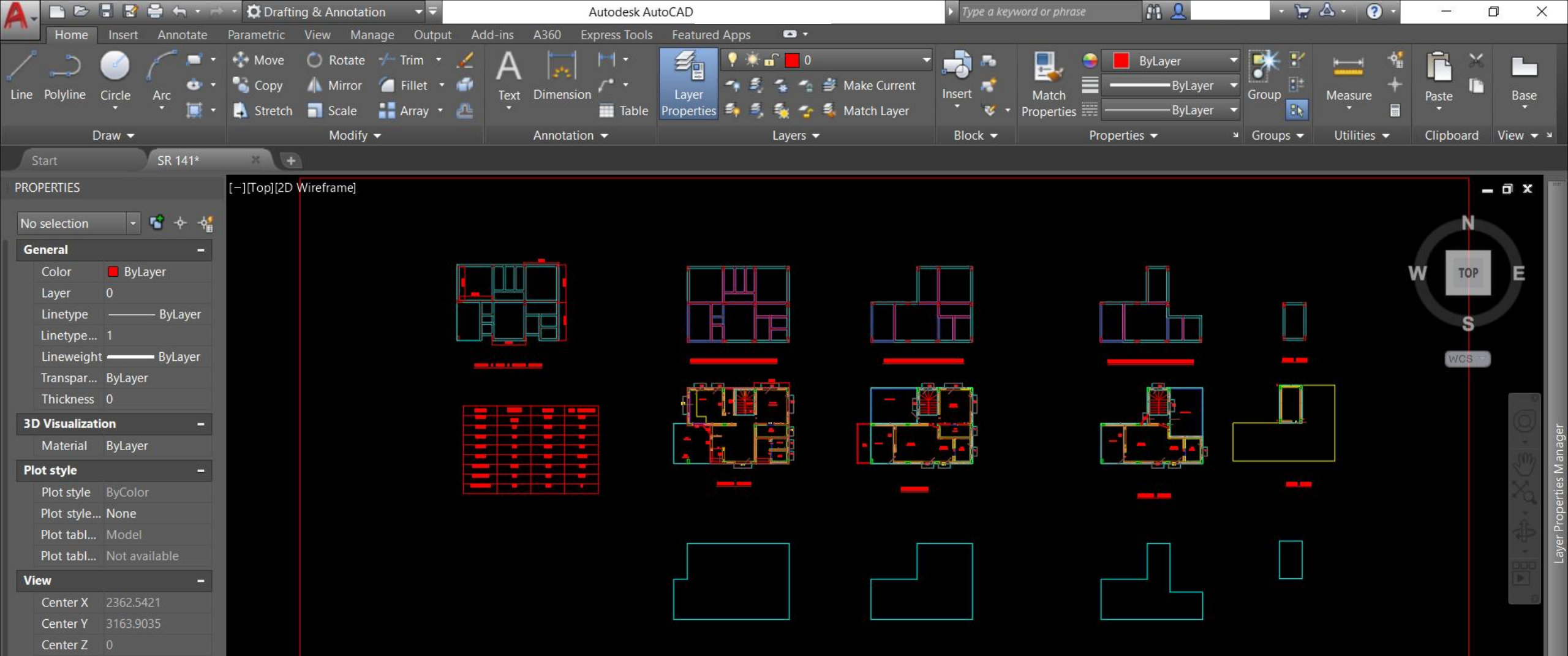


2D to 3D

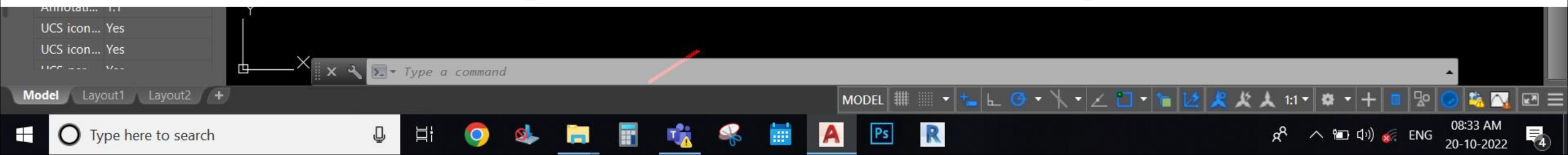


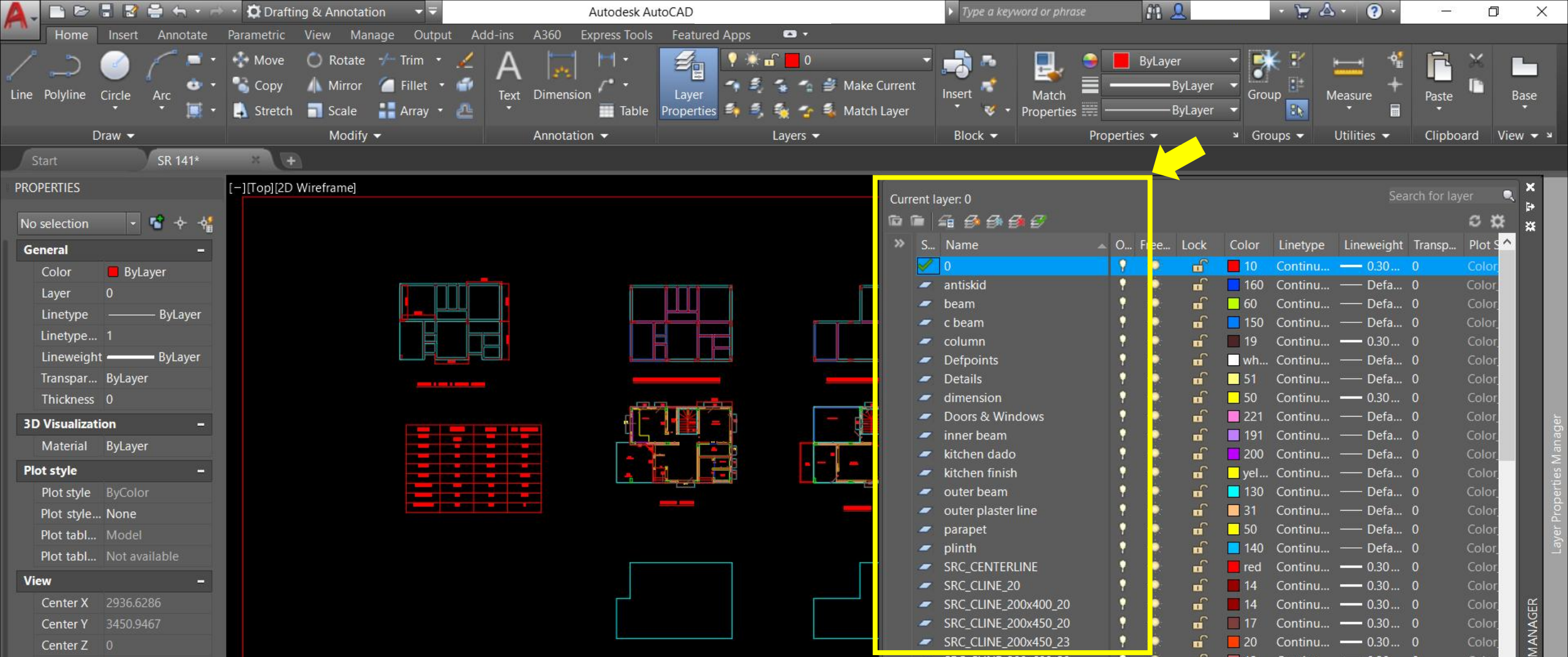


Step 1 : Drafting

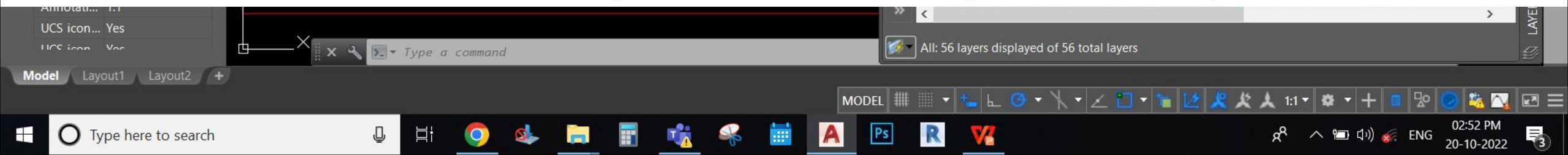


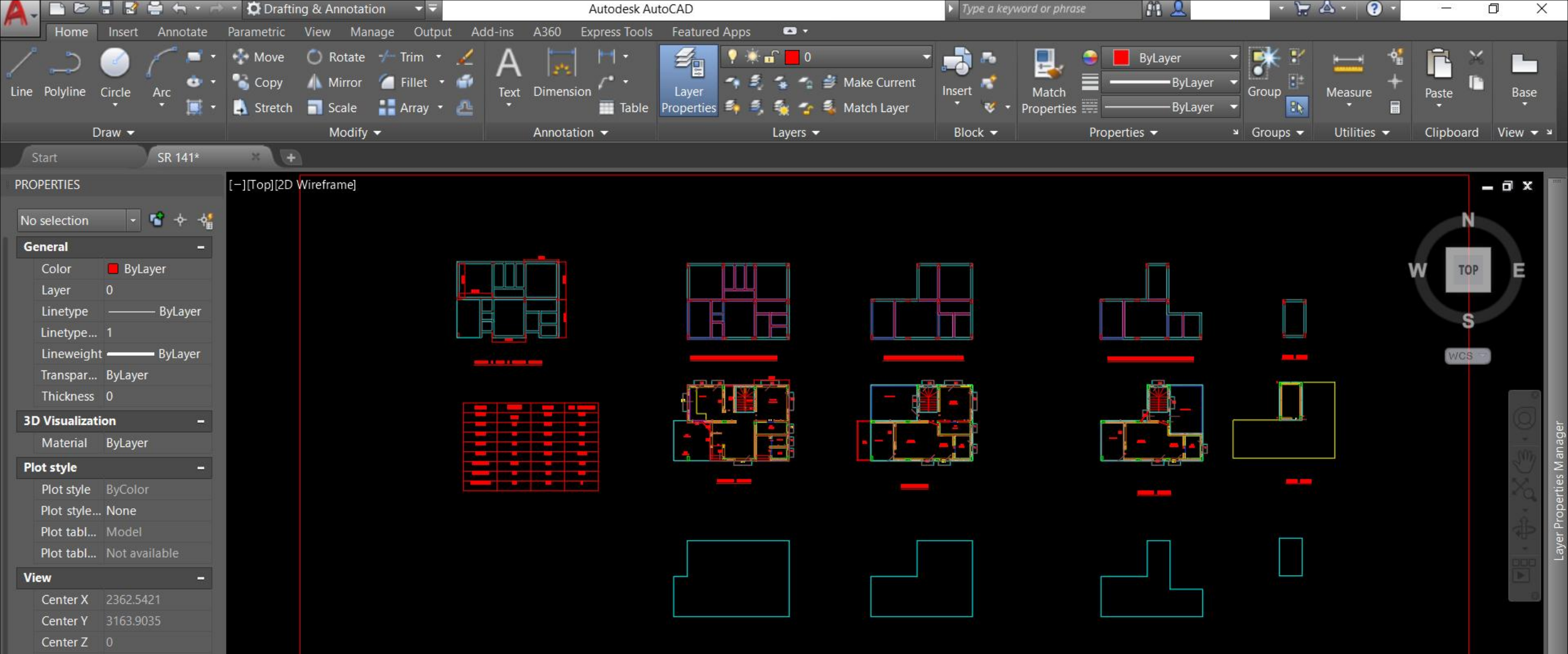
Prepare the AutoCAD drawing.



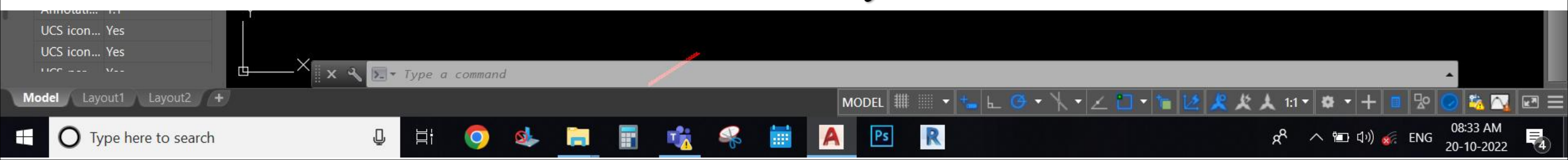


Include all floor plans. Draft using suitable layers.



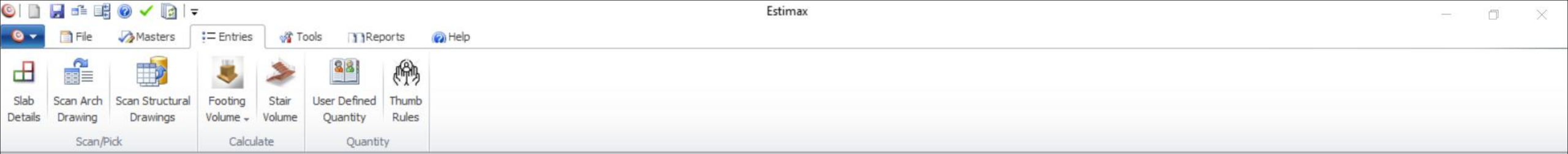


Draft the Beam-Column layout for each floor.





Step 2 : Scanning



c:\users\beasty\desktop\new folder(4)\sr 257691.estx

ID	Work Name	Unit	Quantity	Rate	Total
1	Rectangular Columns	cft	81.43	1611.50	131217.58
2	Lintel overjoineries	cft	19.12	1086.50	20777.31
3	Beams		136.57	1086.50	148385.60
4	Slab		251.17	1083.26	272081.06
5	Sunshade(opening c		32.83	1087.76	35708.68
6	DPC		581.44	2311169.03	1343799200.50
7	Blockwork external		812.02	407.50	330898.02
8	Blockwork Internal		641.16	199.20	127718.83
9	Panelled Doors		58.56	442.36	25905.77
10	Normal door lock an		3.00	130.00	390.00
11	Toilet door		34.45	1733.71	59724.41
12	Toilet doors Lock an		2.00	130.00	260.00
13	Panelled Windows		84.15	631.80	53168.25
14	Panelled Ventilators		6.56	643.82	4224.53
15	Window lock and ha		10.00	130.00	1300.00
16	Outer plastering		970.13	234.50	227494.70
17	Sunshade Plastering		84.91	2350.91	199603.83
18	Ceiling Plastering		496.16	108.15	53659.98
19	Inner Plastering		2487.57	88.20	219404.02
20	Outer Painting		970.13	26.38	25588.85
21	Ceiling Painting		496.16	26.38	13087.19
22	Inner Painting		2487.57	26.38	65614.28

Scan architectural Details

Scan Details

Name	Width	Depth	Total Length	Nos	Storey	Outside
Wall - SRC_CLII	23.00	295.28	2179.32	1	2	☒
Wall - SRC_CLII	15.00	295.28	1226.82	1	2	☐
Wall - SRC_CLII	23.00	295.28	586.74	1	2	☐
Wall over - TD	15.24	70.28	76.20	1	2	☒
Wall over - D1	22.86	70.28	76.20	1	2	☒
Wall over - D	15.24	70.28	91.44	1	2	☒
Wall over - TD	15.24	70.28	76.20	1	2	☐
Wall over - MD	22.86	70.28	91.44	1	2	☒
Wall over - W2	22.86	160.28	91.44	1	2	☐
Wall over - W1	22.86	160.28	152.40	3	2	☒

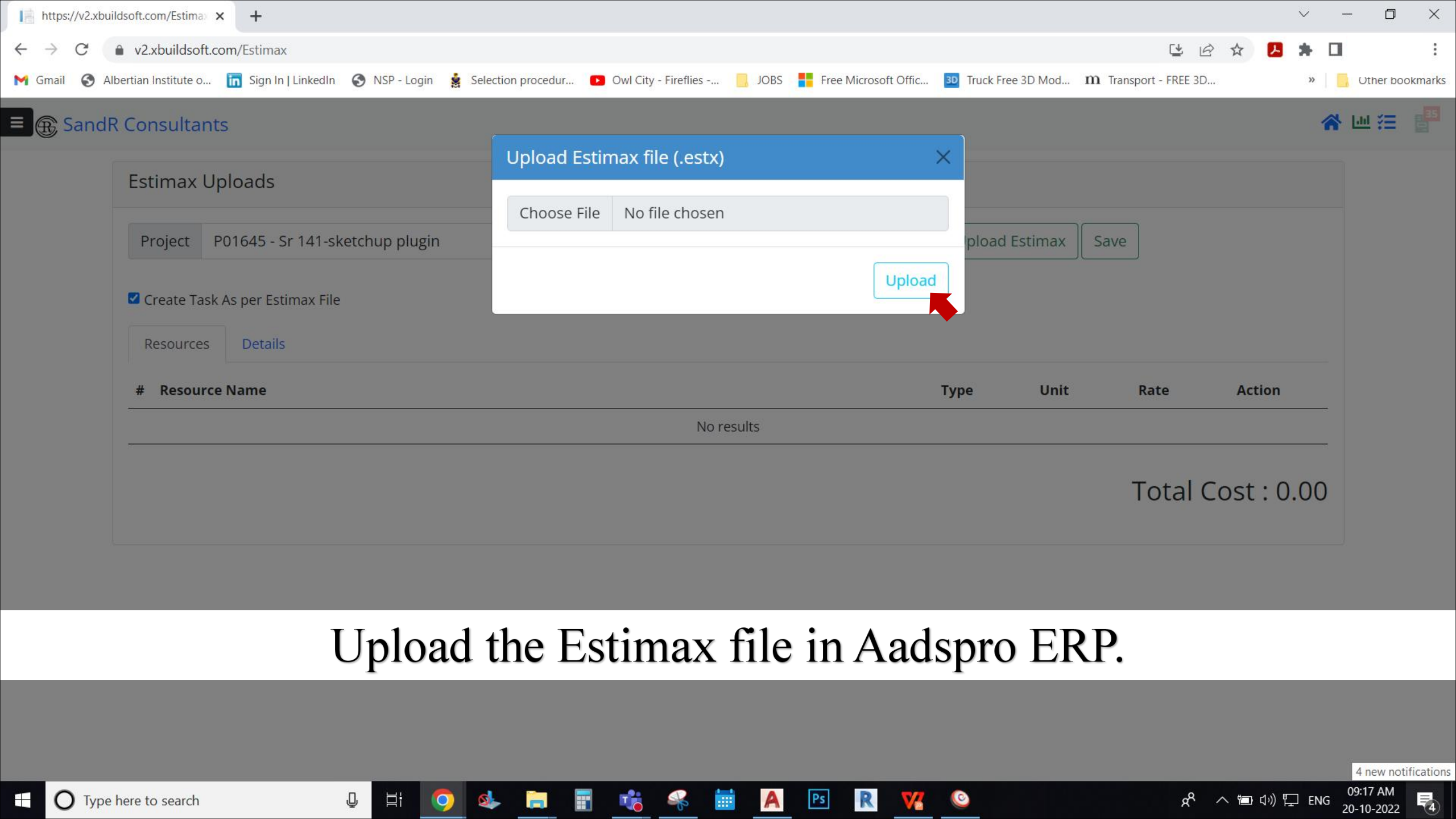
Name	Width	Height	Lintel Depth	Numbers	Storey	Outside
Door - TD	76.20	210.00	15.00	1	2	☒
Door - D1	76.20	210.00	15.00	1	2	☒
Door - D	91.44	210.00	15.00	1	2	☒
Door - TD	76.20	210.00	15.00	1	2	☐
Door - MD	91.44	210.00	15.00	1	2	☒

Scan the drawing in Estimax.

26	Flooring Ceramic m	Window - W1	152.40	120.00	15.00	3	2	☒	476.70	23630.00	1116467.55
27	Antiskid tileflooring	Window - KW	137.16	90.00	15.00	1	2	☐	45.00	6514.80	293165.96
28	Sliding								161.50	8261.45	1405731.10



Step 3 : Uploading



Upload the Estimax file in Aadspro ERP.

Estimax Uploads

Project P01645 - Sr 141-sketchup plugin

☒ Create Task As per Estimax File

Resources Details

#	Resource Name	Type	Unit	Rate	Action
No results					

Total Cost : 0.00

Upload Estimax file (.estx)

Choose File

No file chosen

Upload

Note the Project ID, e.g. P01645



Step 4 : Generating 3D model



Recent Files

MODELS

Open ...

New ...

FAMILIES

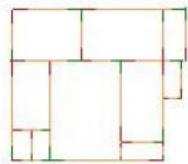
Open ...

New ...

Recent Files

Autodesk Docs

MODELS



Project - 1639 - Dynamec ...



New Project

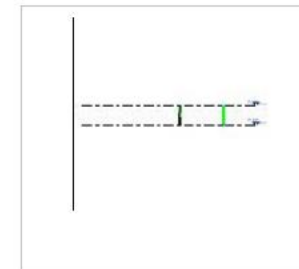
Template file

Structural Template   Browse...

Create new

☒ Project ☐ Project template

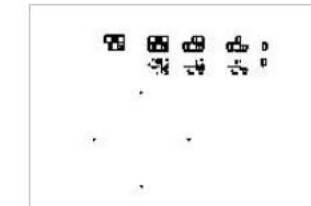
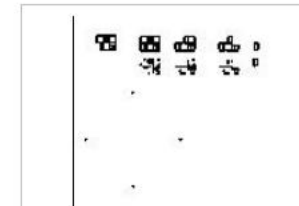
OK  Cancel Help



column rebar



Project - 1639

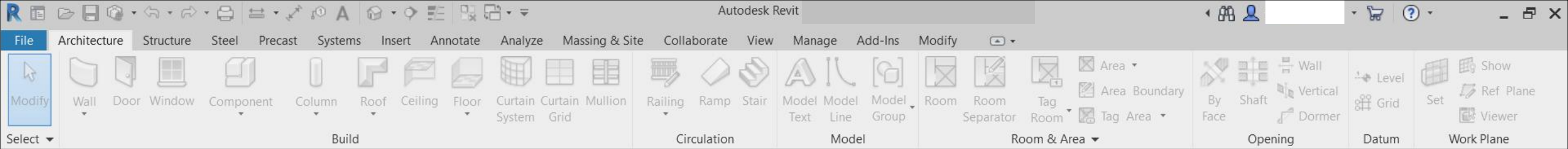


Open a new project in Revit. Use Structural template.

[Online help](#)[Community forum](#)[Customer support](#)

FAMILIES





Properties

Structural Plan

Structural Plan: Level 1

Edit Type

Graphics

View Scale: 1:100

Scale Value: 1:100

Display Model: Normal

Detail Level: Coarse

Parts Visibility: Show Original

Visibility/Grp...: Edit...

Graphic Displ...: Edit...

Orientation: Project North

Wall Join Disp...: Clean all wall j...

Discipline: Structural

Show Hidden ...: By Discipline

Color Scheme ...: Background

Color Scheme: <none>

System Color ...: Edit...

Default Analys...: None

Sun Path: ☐

Underlay

Range: Base L...: None

Level 2

Project Units

Discipline: Common

Units	Format
Angle	12.35°
Area	1235 m ²
Cost per Area	[\$/ft ²] 1235
Distance	1235 [mm]
Length	1235 [mm]
Mass Density	1234.57 kg/m ³
Rotation Angle	12.35°
Slope	12.35°
Speed	1234.6 km/h
Time	1234.6 s
Volume	1234.57 m ³
Currency	1234.57

Decimal symbol/digit grouping: 123,456,789.00

OK Cancel Help

Project Browser - Project1

- Views (all)
- Structural Plans
 - Level 1
 - Level 1 - Analytical
 - Level 2**
 - Level 2 - Analytical
- Site
- 3D Views
 - Analytical Model
- Elevations (Building Elevations)
 - East
 - North
 - South
 - West
- Legends
- Schedules/Quantities (all)
- Sheets (all)
- Families
- Groups
- Revit Links

Set project unit.

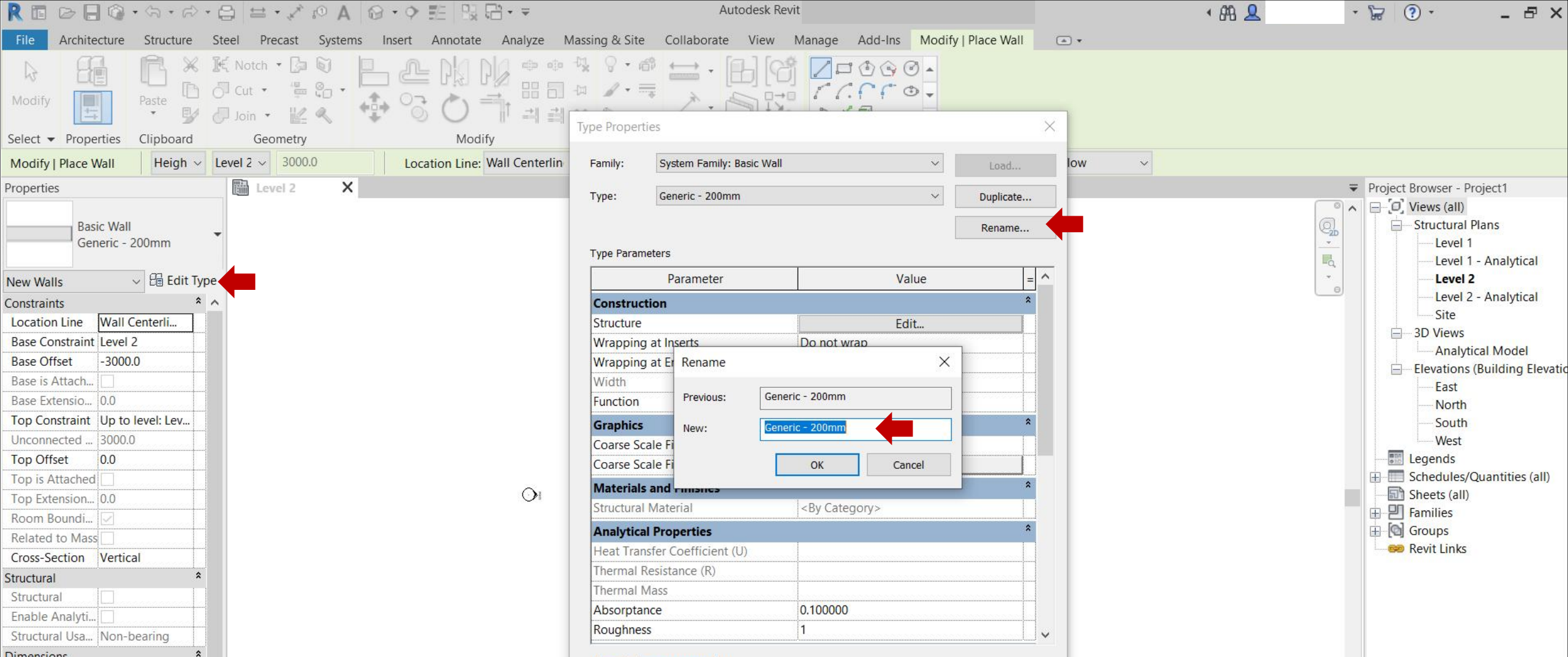
Crop View: ☐

Crop Region V...: ☐

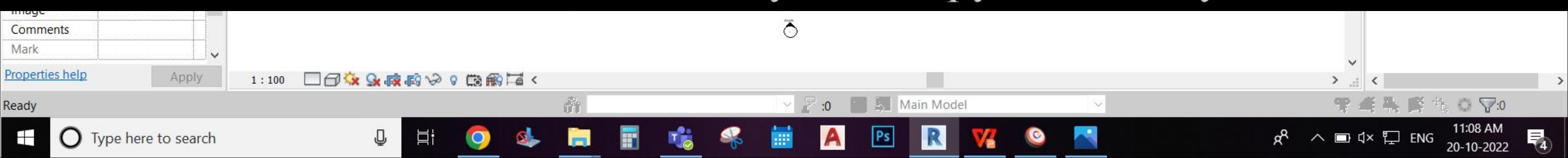
Annotation Cr...: ☐

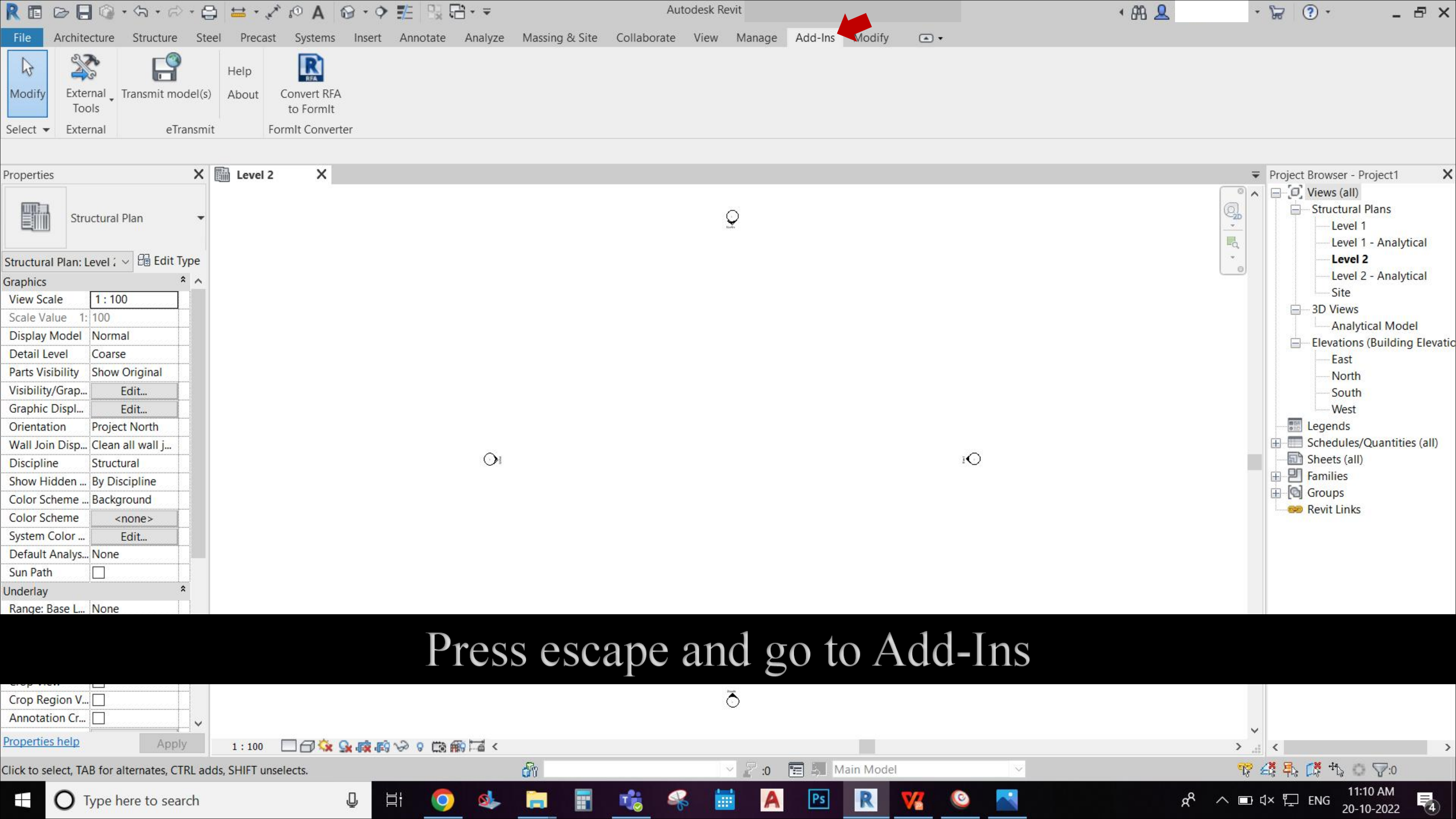
Properties help

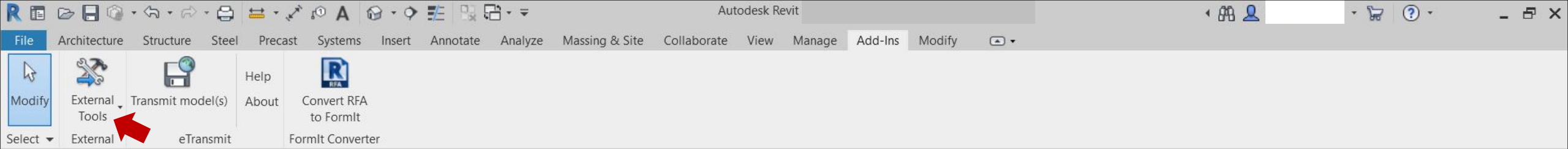
Apply



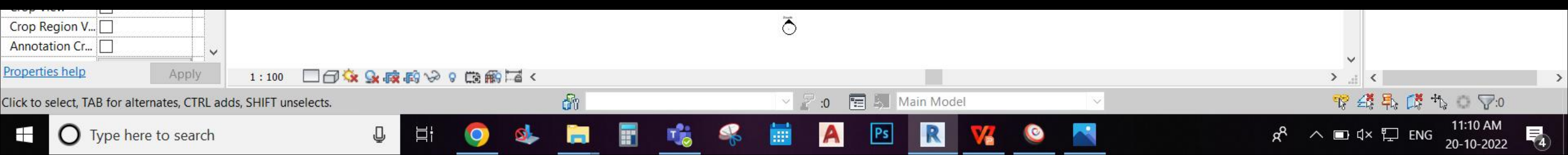
Select an inbuilt wall family and copy the family name.

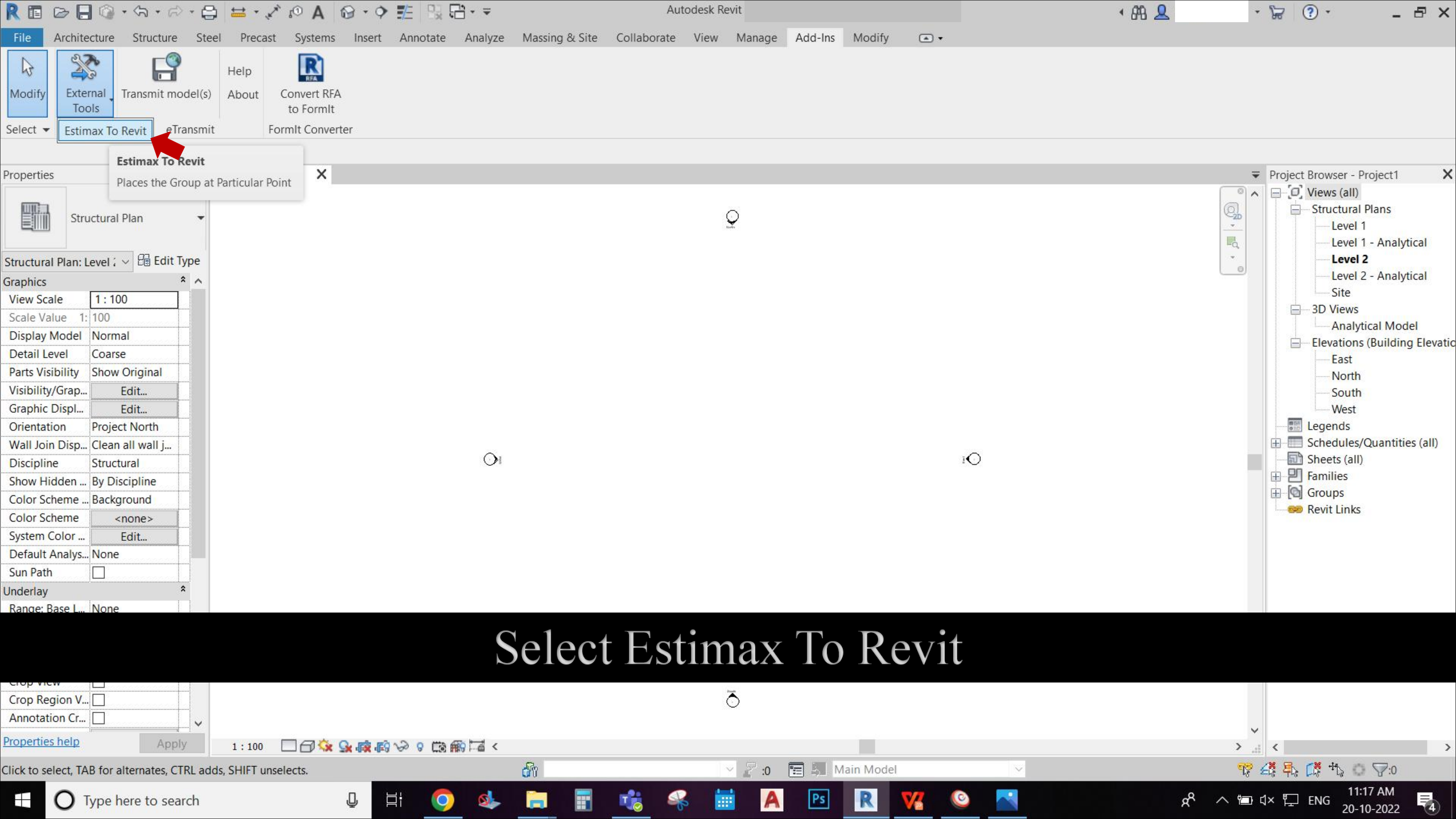




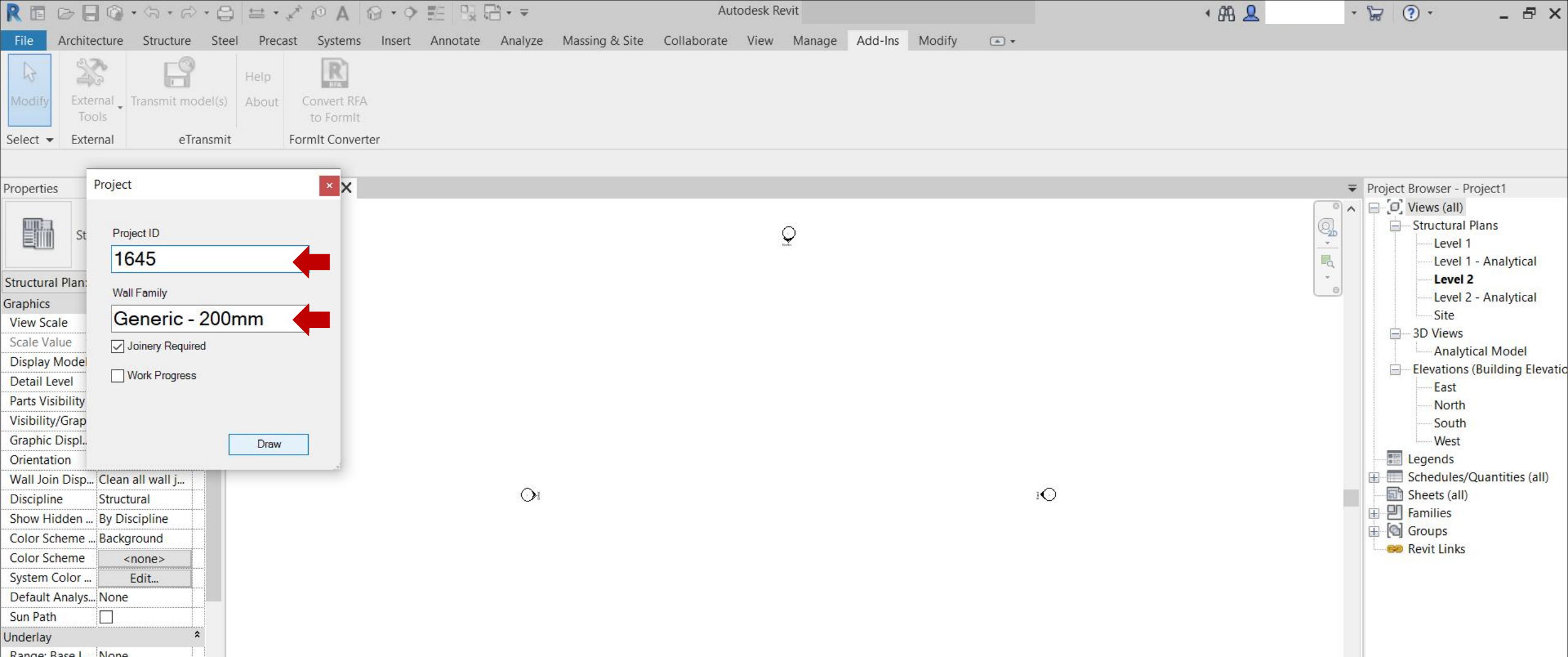


Select External Tools

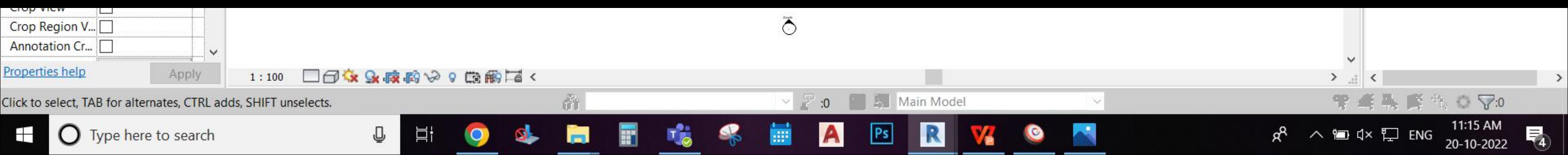


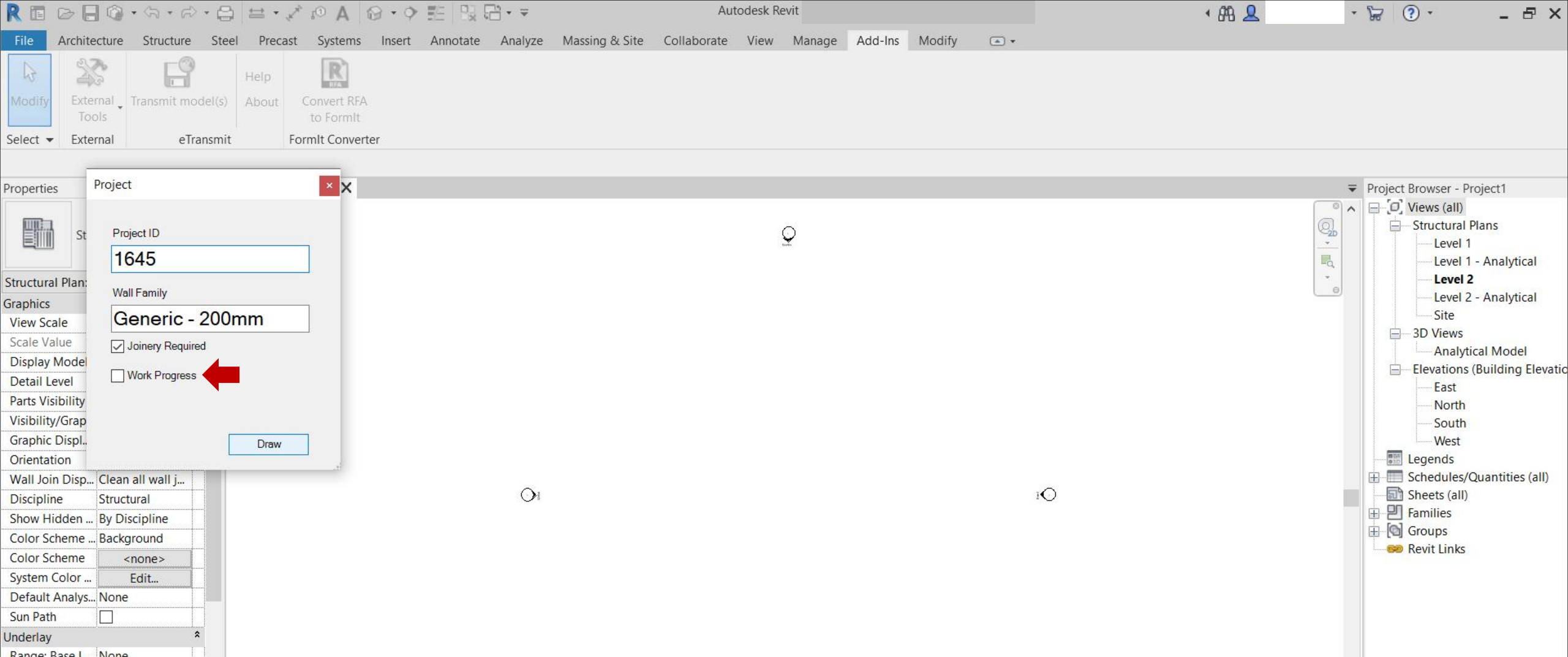


Select Estimax To Revit

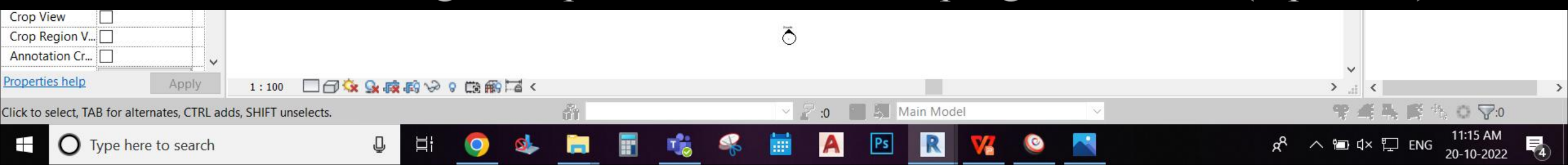


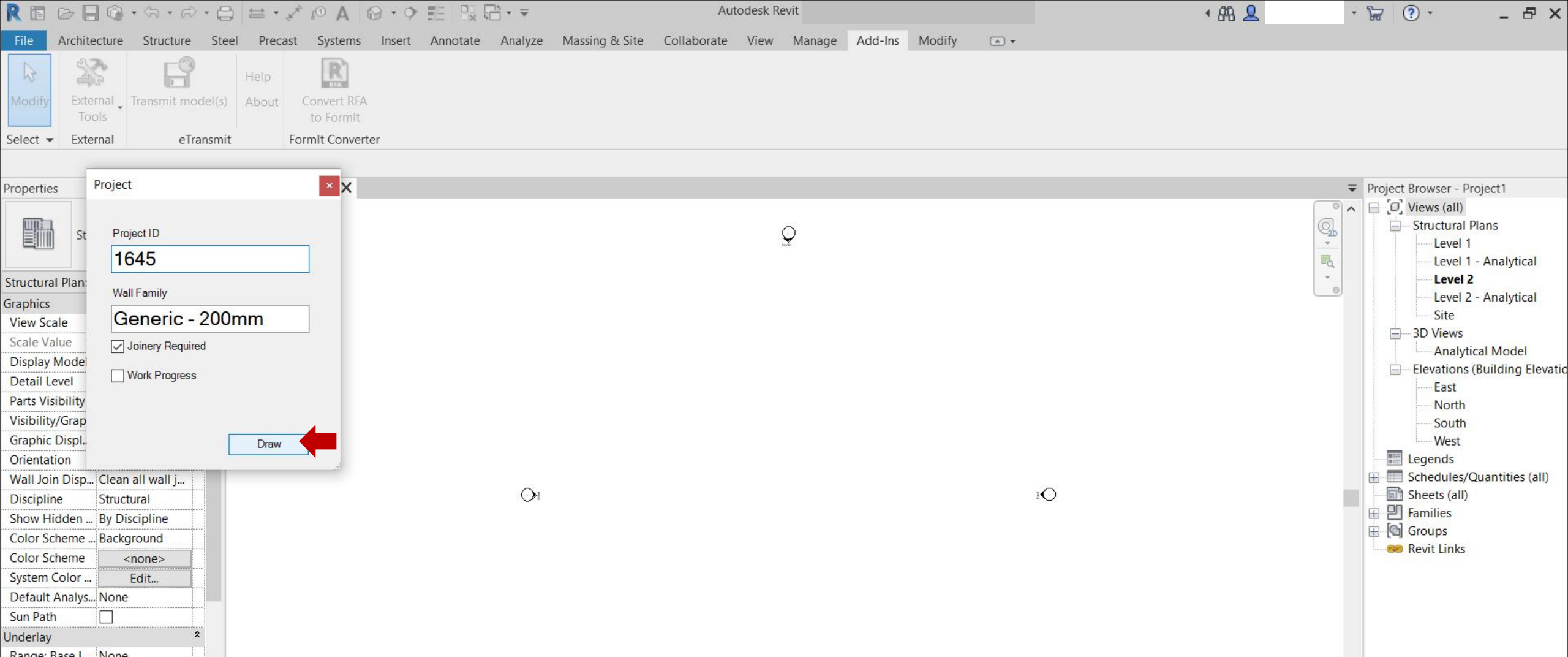
Fill in the Project ID and wall family name.



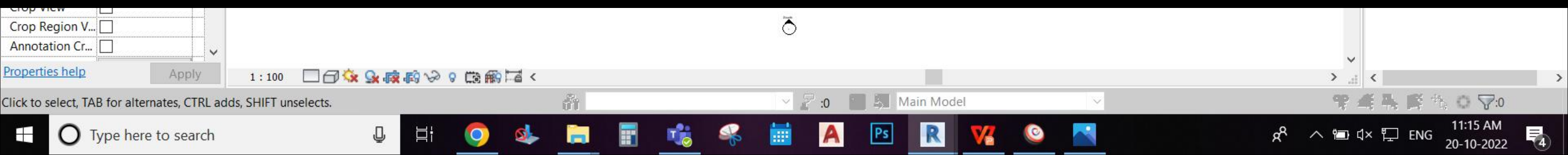


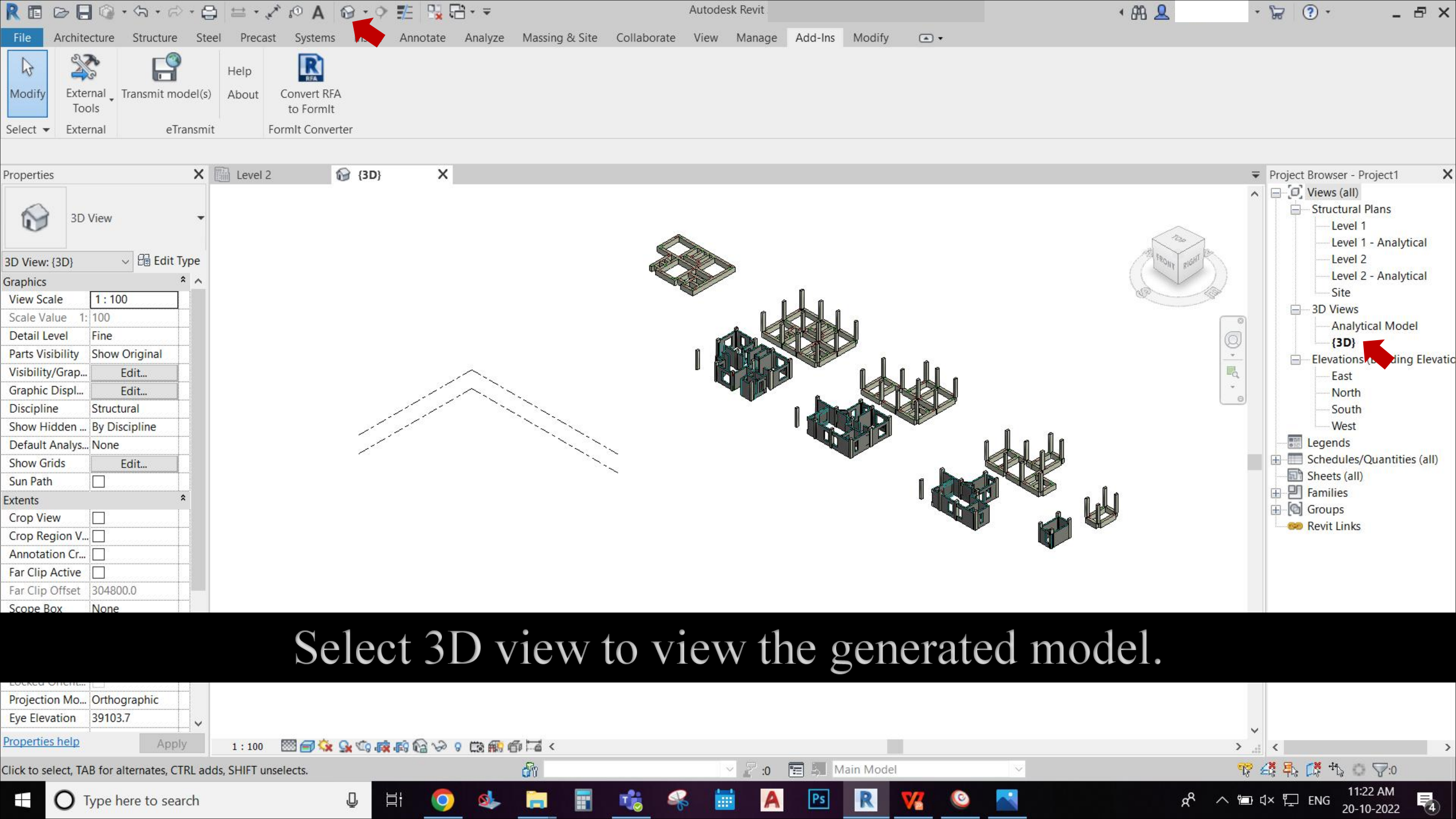
Select Work Progress option to monitor the progress in site. (Optional)



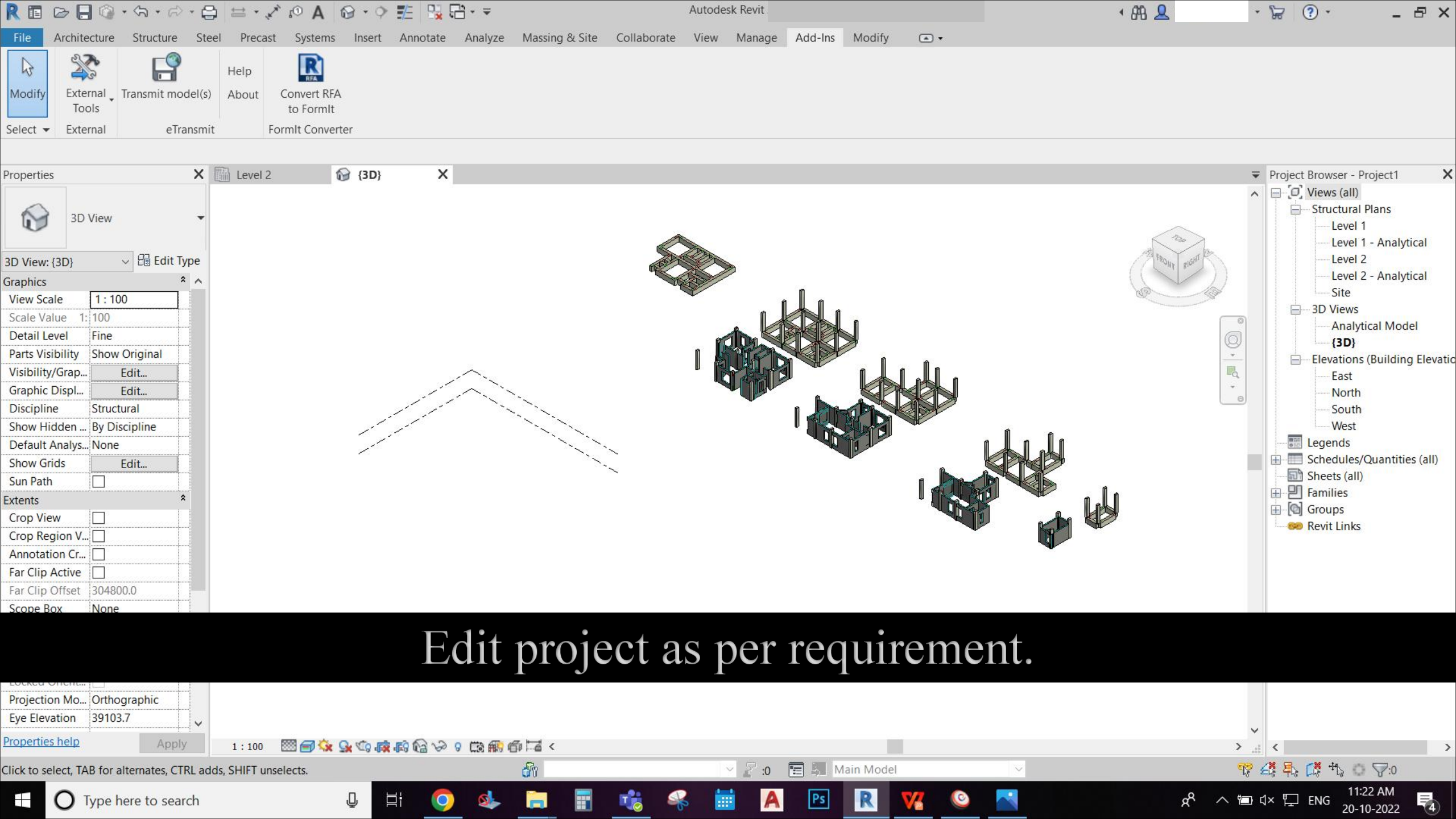


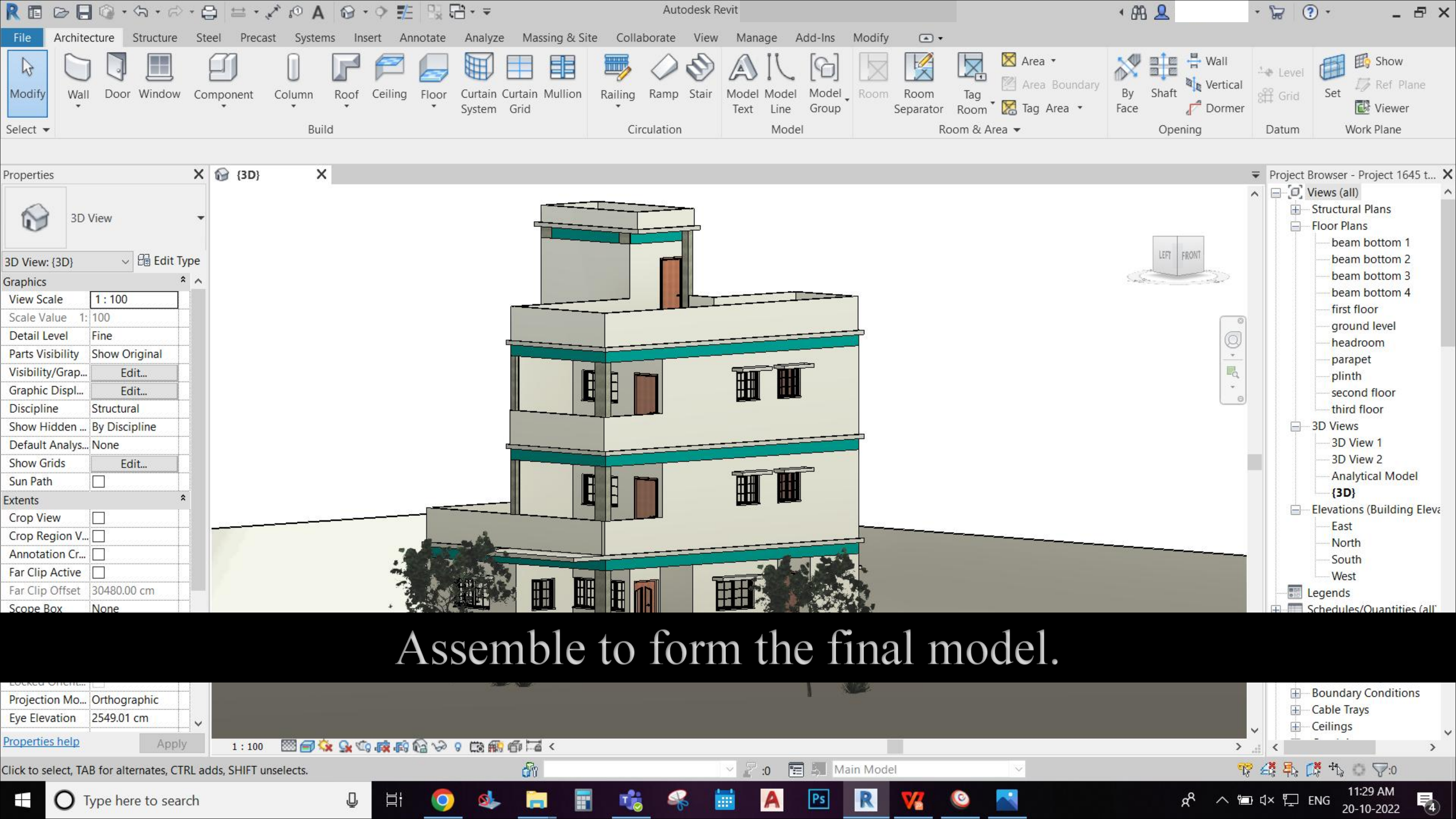
Click draw to initiate 3D model extraction.



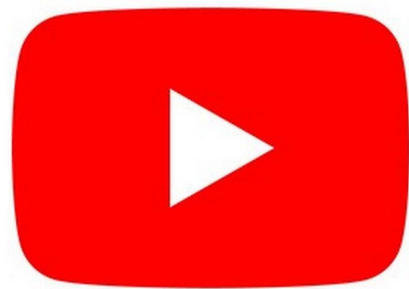


Select 3D view to view the generated model.





Assemble to form the final model.



Thank You for Watching!