



Revit BIM & Architecture Services Presentation

12th October 2021

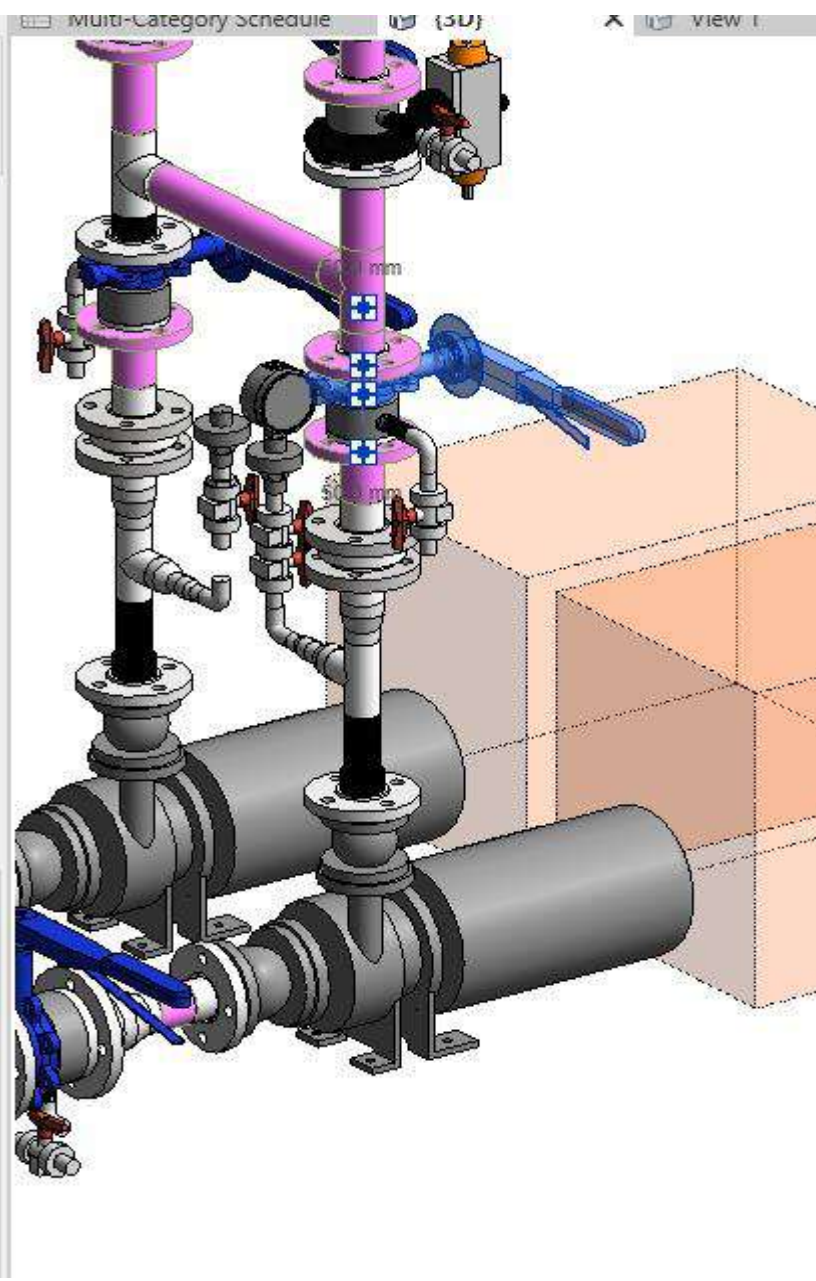
COBie BIM

properties

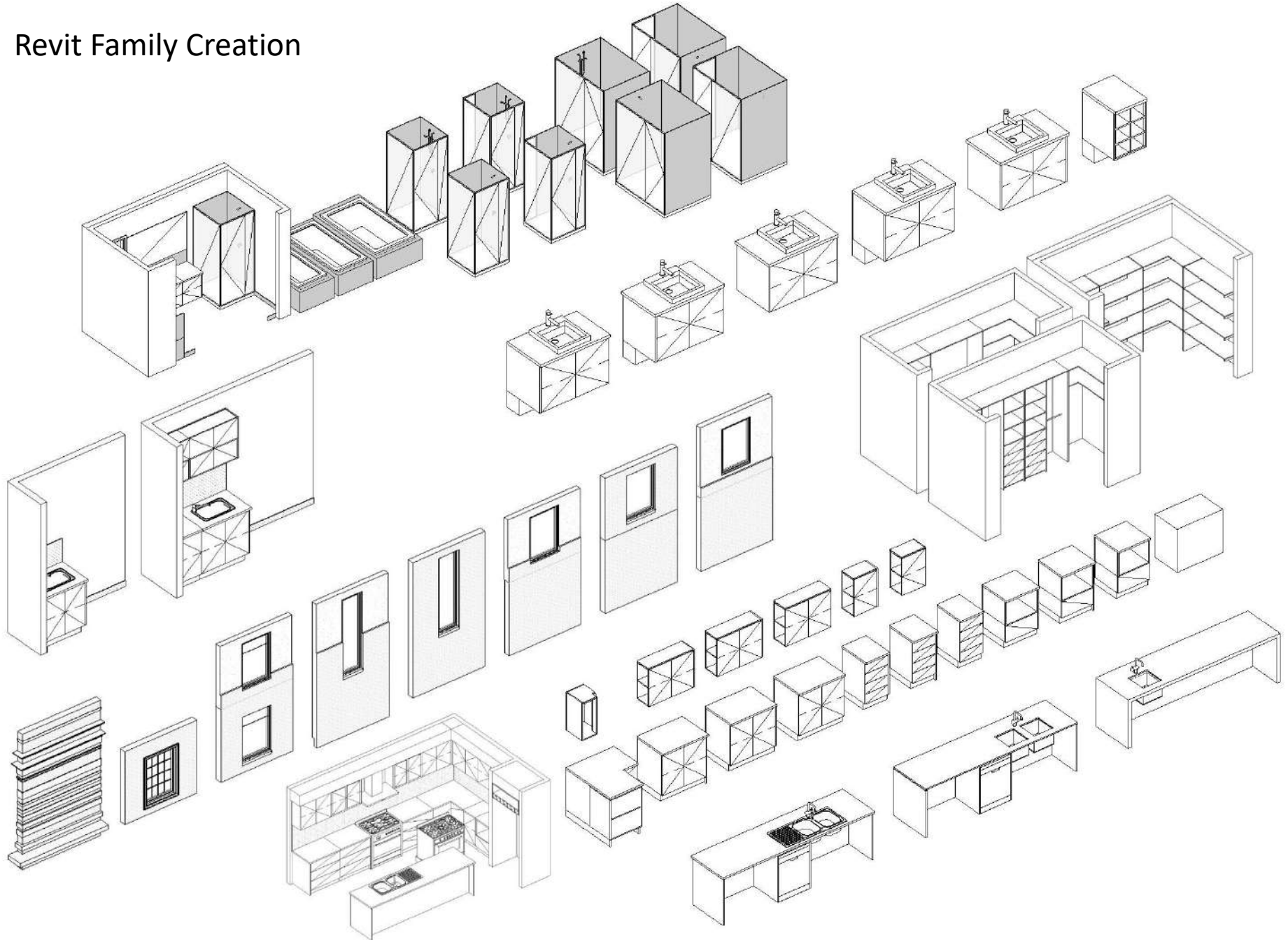
Butterfly-Valves-LUG
DN 50

Type Accessories (1) Edit Type

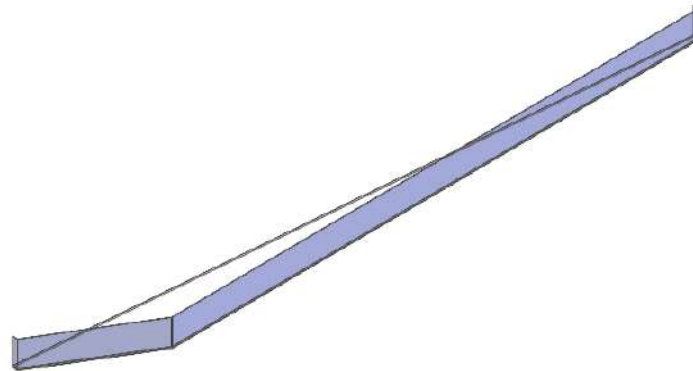
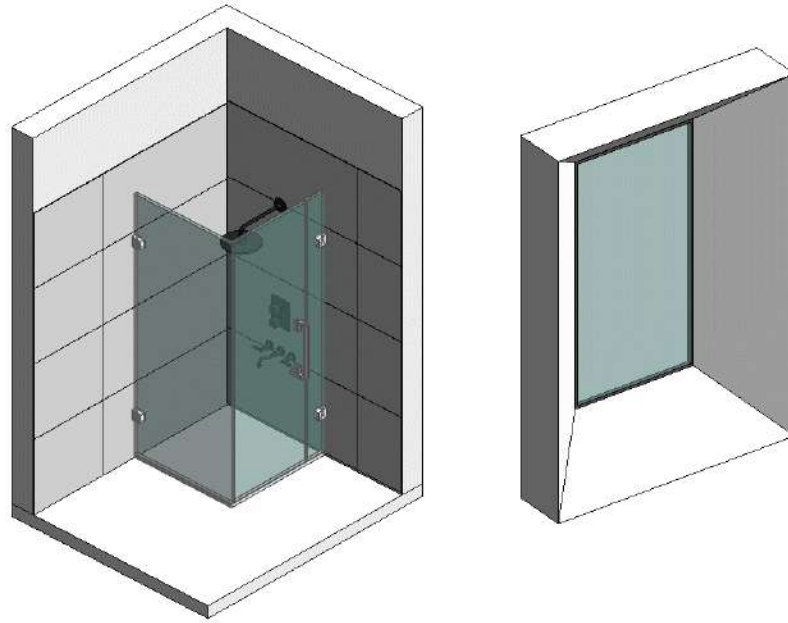
Phase Demolished	None
Category	
CTRL - PID	INF-PID -FB3-GN-PWWCS-503
MECH - Max pressure	ANSI150
MECH - Connection	Wafer
MECH - Frame Size	1765 mm (L) x 1350 mm (W) x 27...
MECH - Max pressure	ANSI150
MECH - Max temperature	95°C
MECH - Min pressure	ATM
MECH - Seat/Seal/Gasket Material	FPM
MECH - Size (DN)	50
MECH - Temperature	20 - 40 °C
MECH - Valve Ball/Disc/Diaphra...	Ductile iron EN-GJS-400-15, Halar...
MECH - Valve Operator	Lever
MECH - Valve Pipe Material	PP
MECH - Valve Body Material	Ductile iron EN-GJS-400-15, Epox...
MECH - Valve Size ("/In)	2"
MECH - Valve Trim/Stem Material	Stainless Steel 1.4021, AISI 420
PROC - Density (At MAX)	0.988 kg/l
PROC - Density (At Min)	0.996 kg/l
PROC - Diluted HydroFluoride (...)	50 -2000 mg/L
PROC - Fluoride	50 -2000 mg/L
PROC - pH	1-9
PROC - Phosphate	0 - 400 mg/l
PROC - Temperature	20 - 40 °C
PROC - Total Suspended Solid (T...	Variable
PROC - Viscosity (at Max)	0.653 cp
PROC - Viscosity (at Min.)	1 cp
PROC - Weight	6.6 kg
Type Of Asset	Butterfly Valve



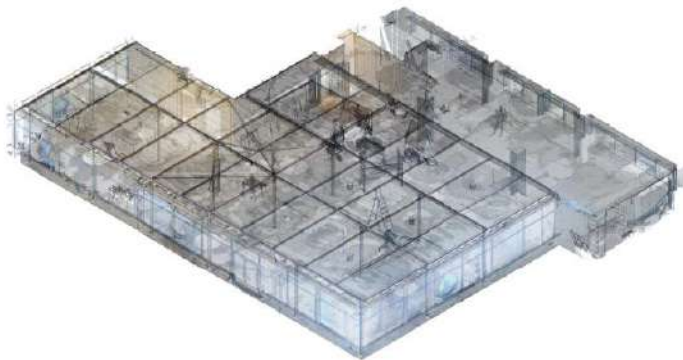
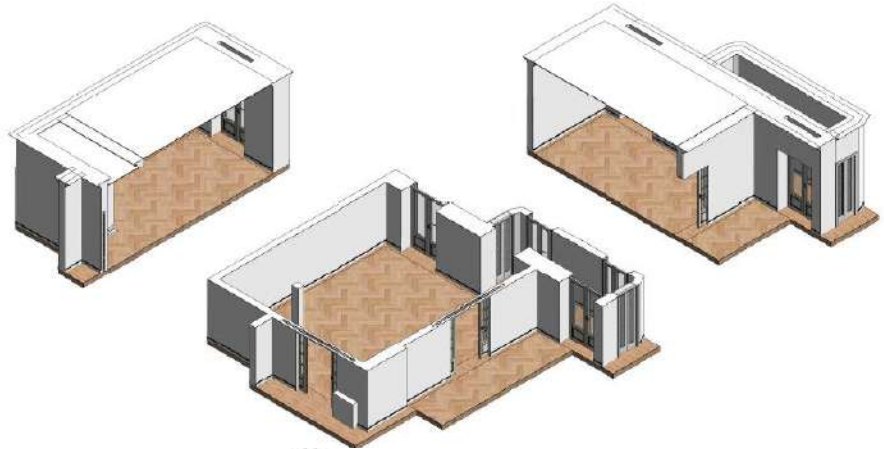
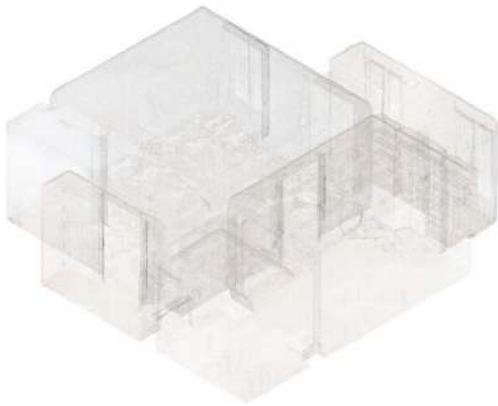
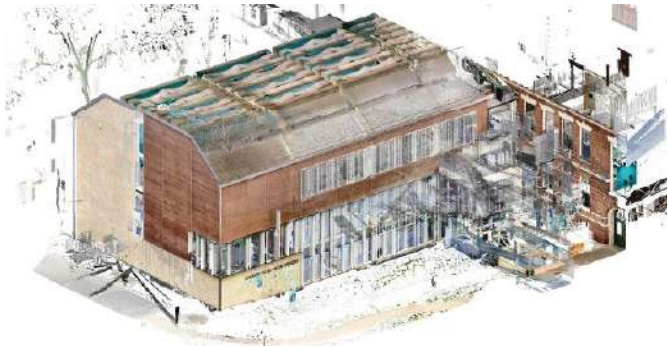
Revit Family Creation



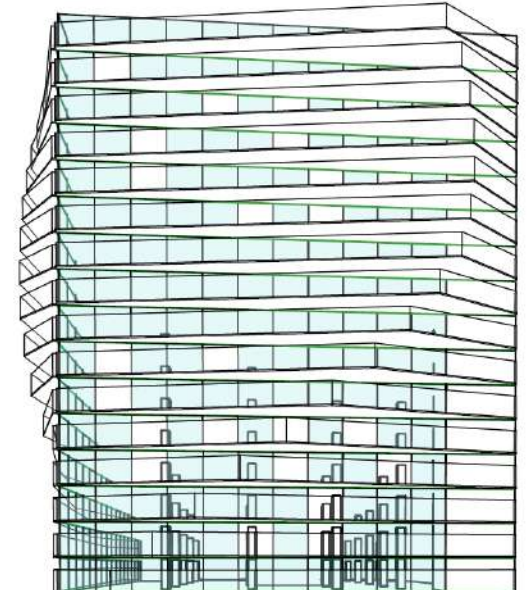
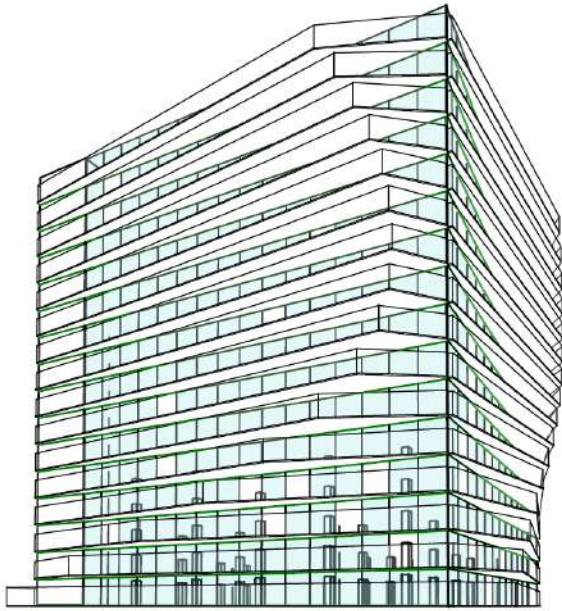
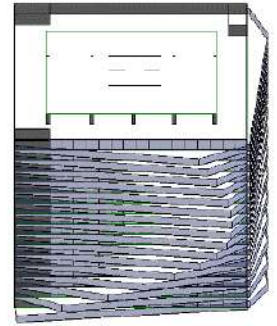
Parametric Revit Family Creation



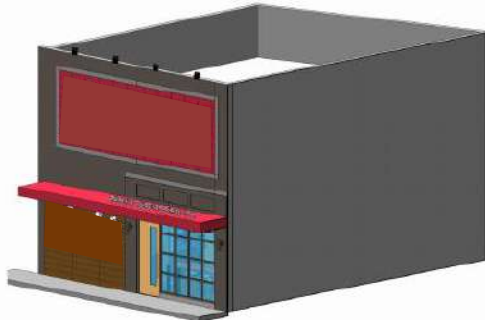
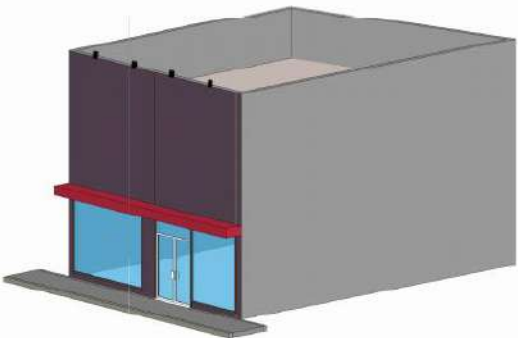
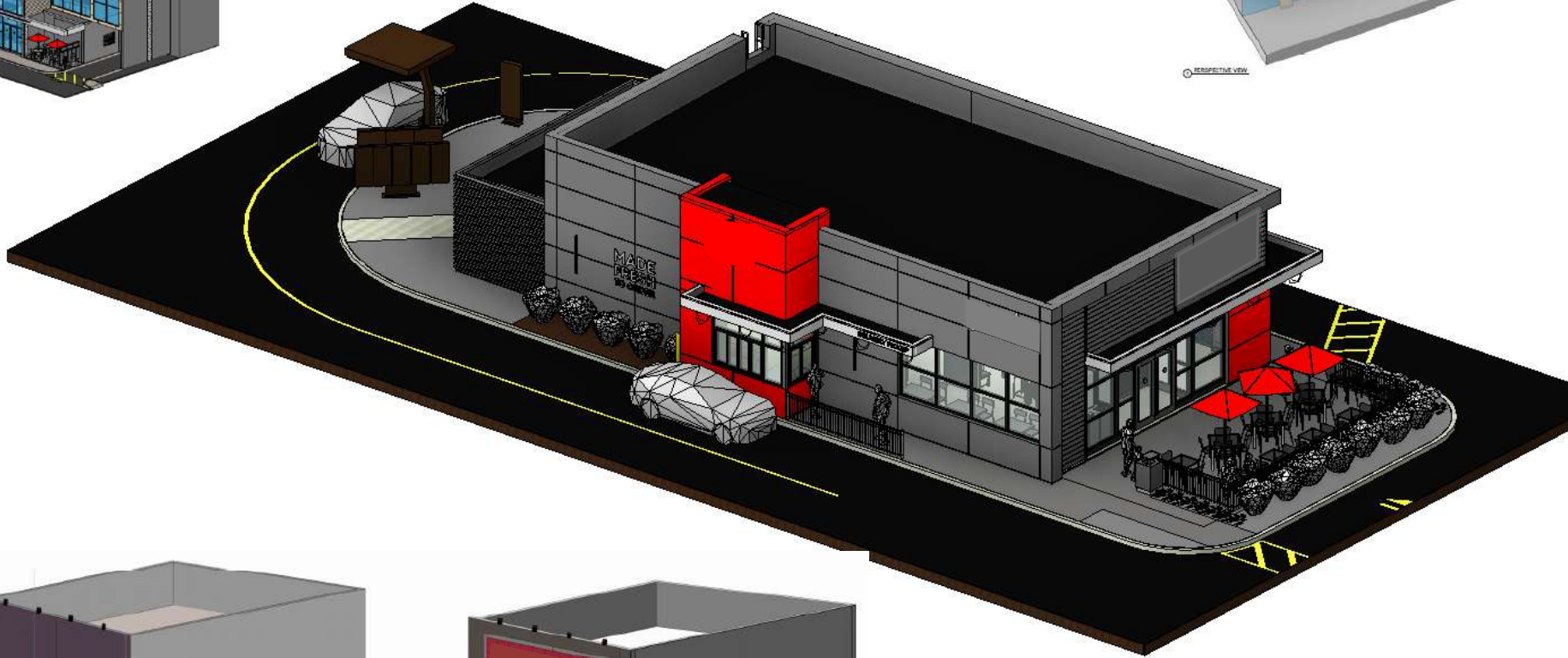
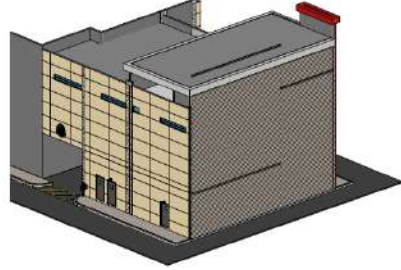
Point cloud data to LOD 100 to 400 revit models



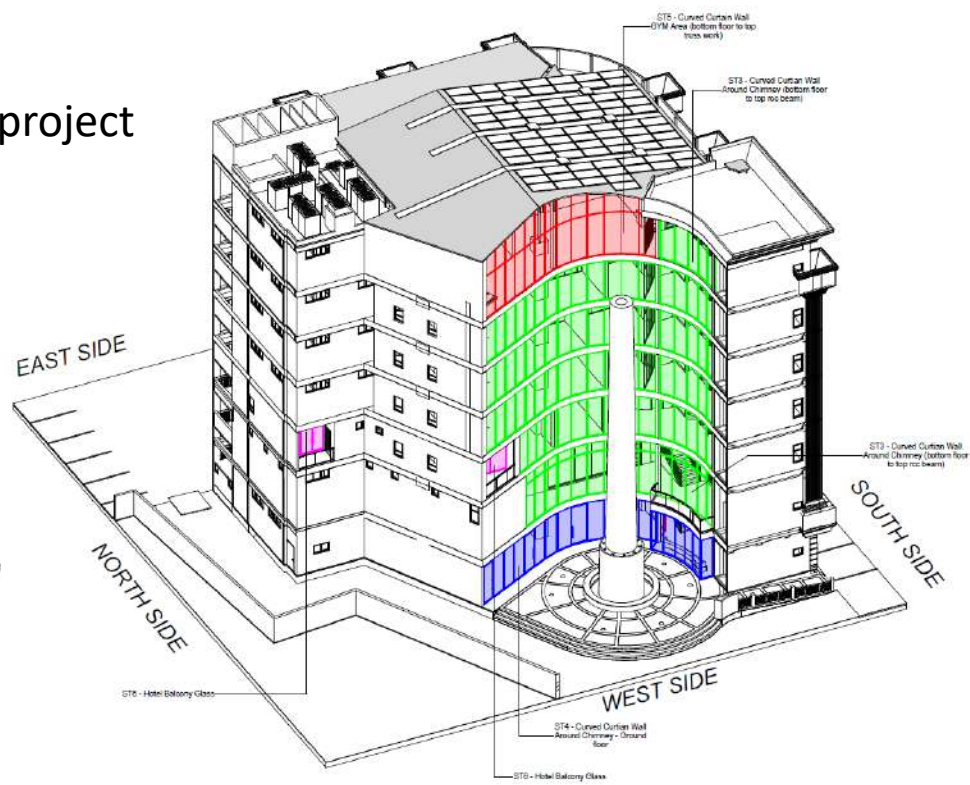
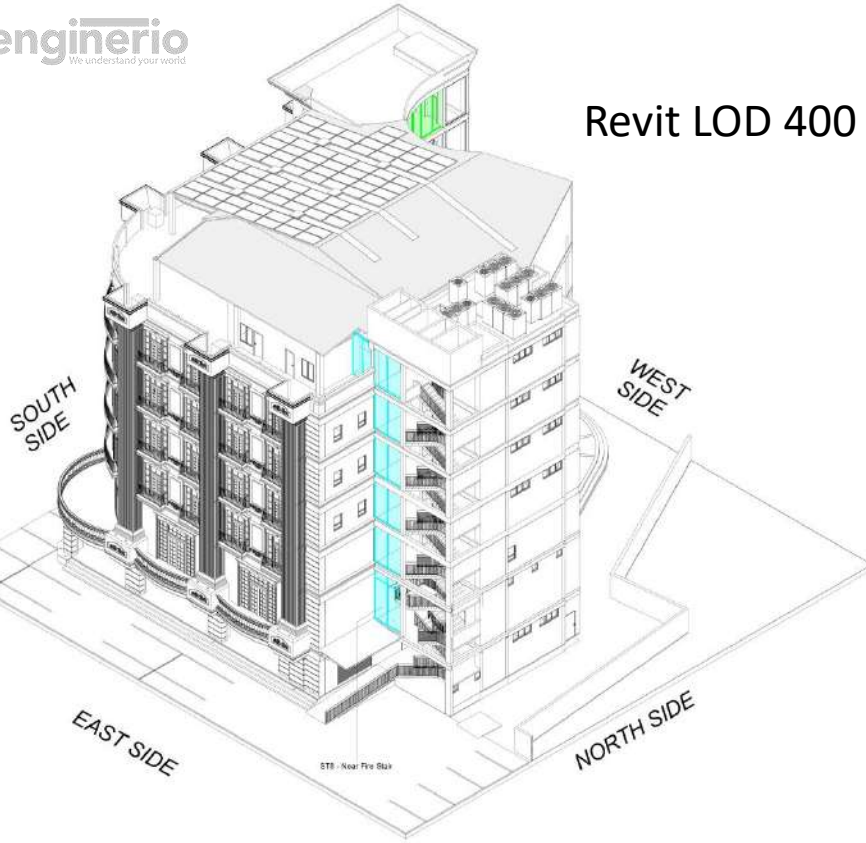
Revit LOD 300 models



Revit LOD 400 projects

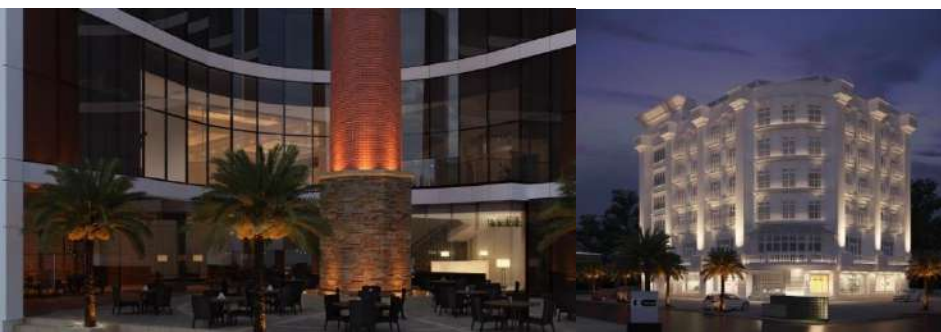


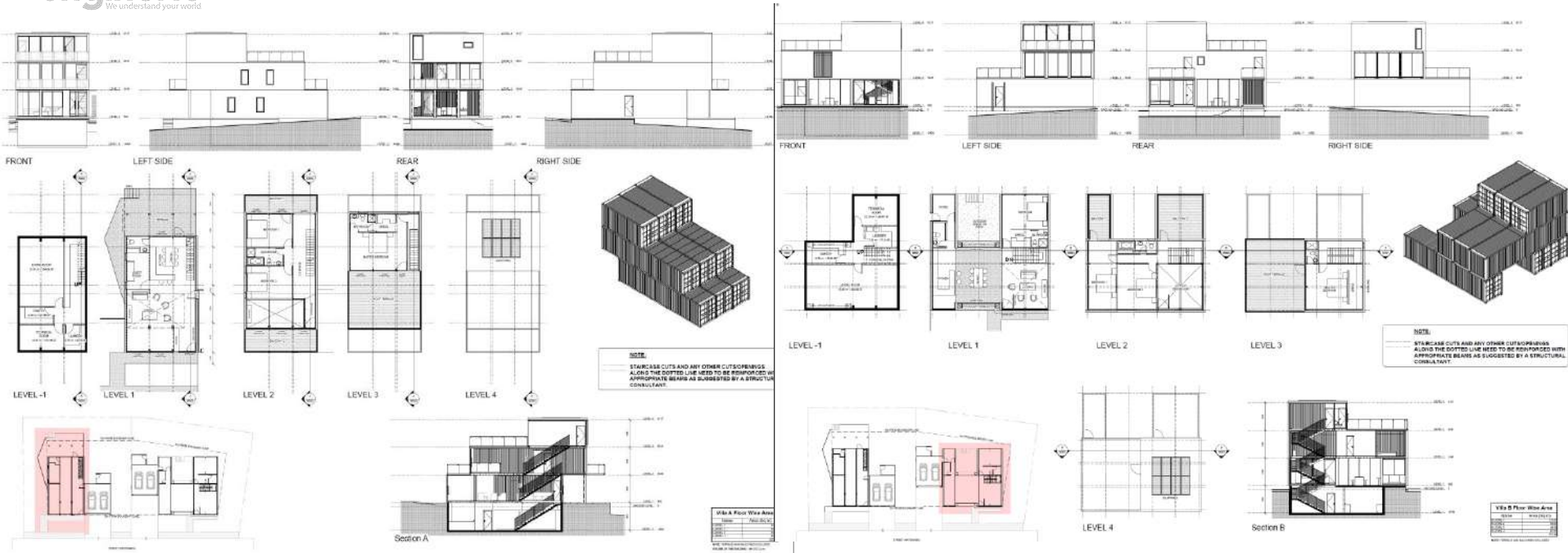
Revit LOD 400 project



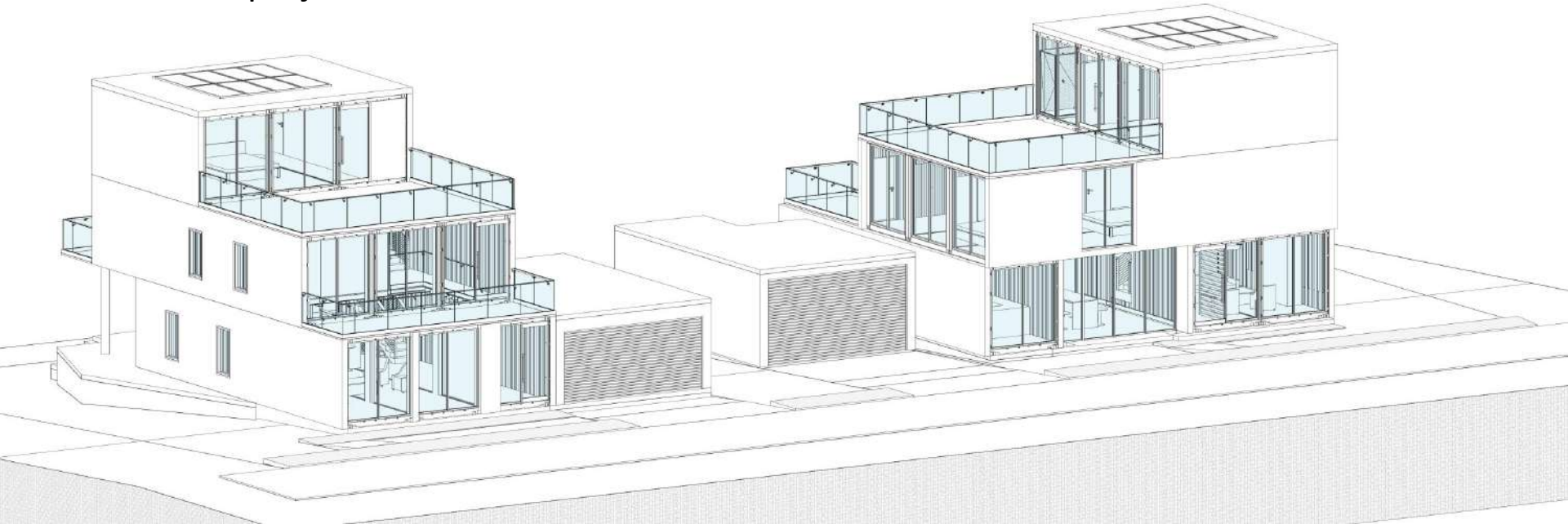
Exterior Glass Curtain Wall - Material Wise		
Type	Description	Area (Sqm)
ST3 - Curved Curtian Wall Around Chimney (bottom floor to top rcc beam)	TINTED - DG - Curtain Wall - Curved - Single Door Opening at First Floor Balcoony	355.24
ST4 - Curved Curtian Wall Around Chimney - Ground floor	CLEAR - DG - Curtain Wall - Curved - 4 Single Doors 2 Double Doors.	75.65
ST5 - Curved Curtain Wall GYM Area (bottom floor to top truss work)	TINTED - DG - Curtain Wall - Straight + Curved Around Chimney with maximum height of 6m	82.38
ST6 - Hotel Balcony Glass	TINTED - DG - Curtain Wall - Straight - 2 separate walls with single door in each wall.	19.40
ST7 - Lift Glass wall	TINTED - DG -Curtain Wall - Straight - Fixed - Preferably Single Piece	47.46
ST8 - Near Fire Stair	TINTED - DG - Curtain Wall - Straight	57.95
		638.08

Exterior Glass Curtain Wall - Floor Wise			
Type	Height	Length	Area (Sqm)
0 GROUND FLR			
ST4 - Curved Curtian Wall Around Chimney - Ground floor	3300	23024	75.65
ST7 - Lift Glass wall	3250	1990	6.47
1 FIRST FLR			
ST3 - Curved Curtian Wall Around Chimney (bottom floor to top rcc beam)	4350	19950	72.58
ST7 - Lift Glass wall	4350	1990	8.68
ST8 - Near Fire Stair	4200	2711	10.61
2 SECOND FLR			
ST3 - Curved Curtian Wall Around Chimney (bottom floor to top rcc beam)	3250	17127	55.74
ST6 - Hotel Balcony Glass	3000	6780	19.40
ST7 - Lift Glass wall	3250	1990	6.47
ST8 - Near Fire Stair	3100	2688	8.05
3 THIRD FLR			
ST3 - Curved Curtian Wall Around Chimney (bottom floor to top rcc beam)	3250	20947	68.16
ST7 - Lift Glass wall	3250	1990	6.47
ST8 - Near Fire Stair	3100	2566	8.05
4 FOURTH FLR			
ST3 - Curved Curtian Wall Around Chimney (bottom floor to top rcc beam)	3250	21922	71.33
ST7 - Lift Glass wall	3250	1990	6.47
ST8 - Near Fire Stair	3100	2566	8.05
5 FIFTH FLR			
ST3 - Curved Curtian Wall Around Chimney (bottom floor to top rcc beam)	3250	20947	68.16
ST7 - Lift Glass wall	3250	1990	6.47
ST8 - Near Fire Stair	3100	2566	8.05
6 TERRACE FLR			
ST3 - Curved Curtian Wall Around Chimney (bottom floor to top rcc beam)	3250	5921	19.27
ST5 - Curved Curtian Wall GYM Area (bottom floor to top truss work)	3250	15456	82.38
ST7 - Lift Glass wall	3250	1990	6.47
ST8 - Near Fire Stair		4466	14.84

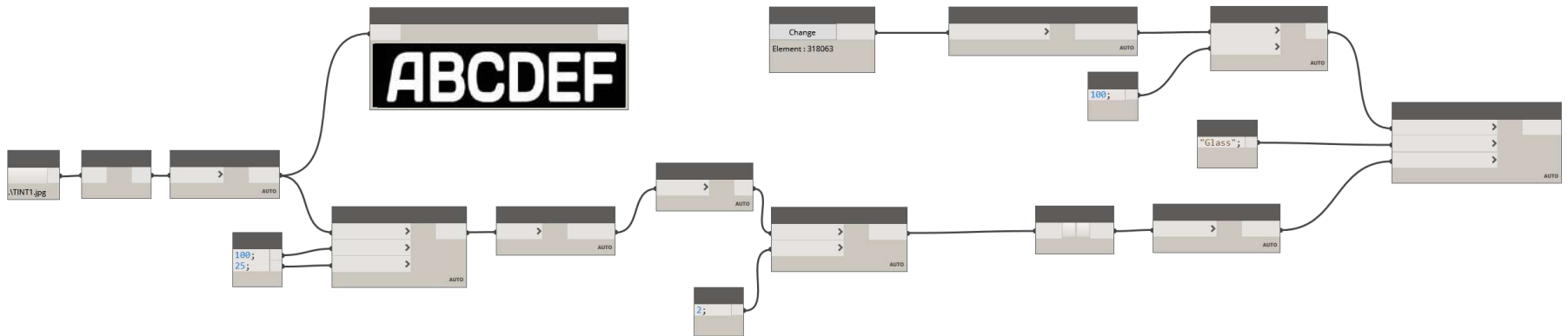
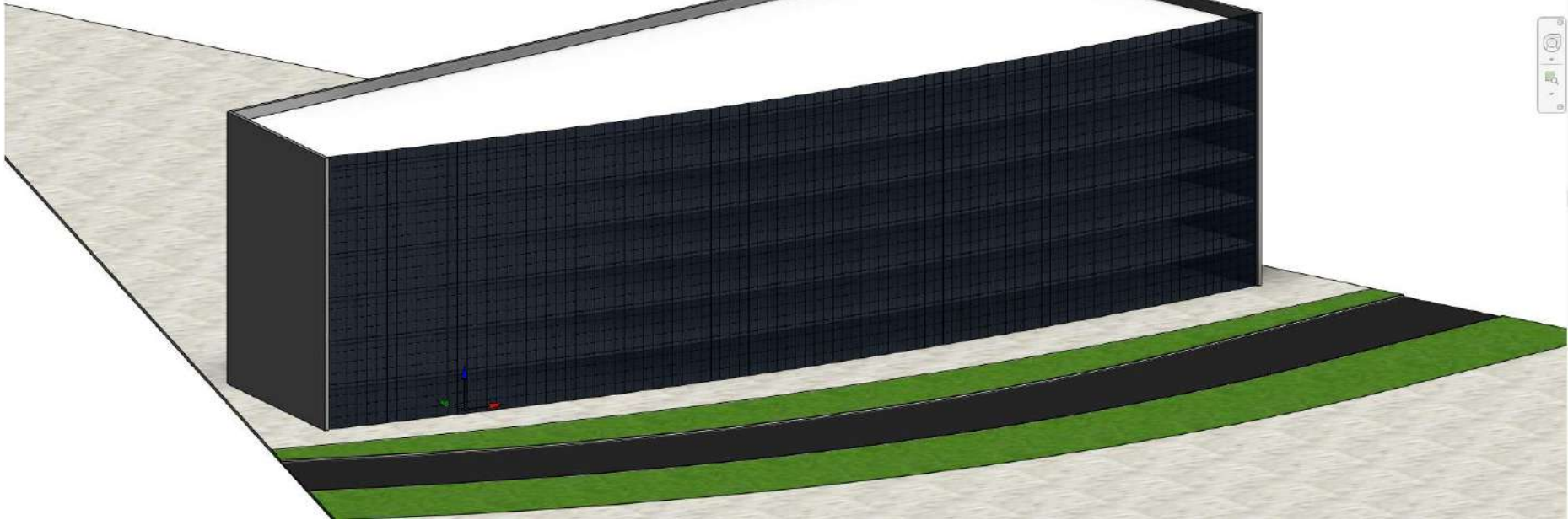




Revit LOD 300 project

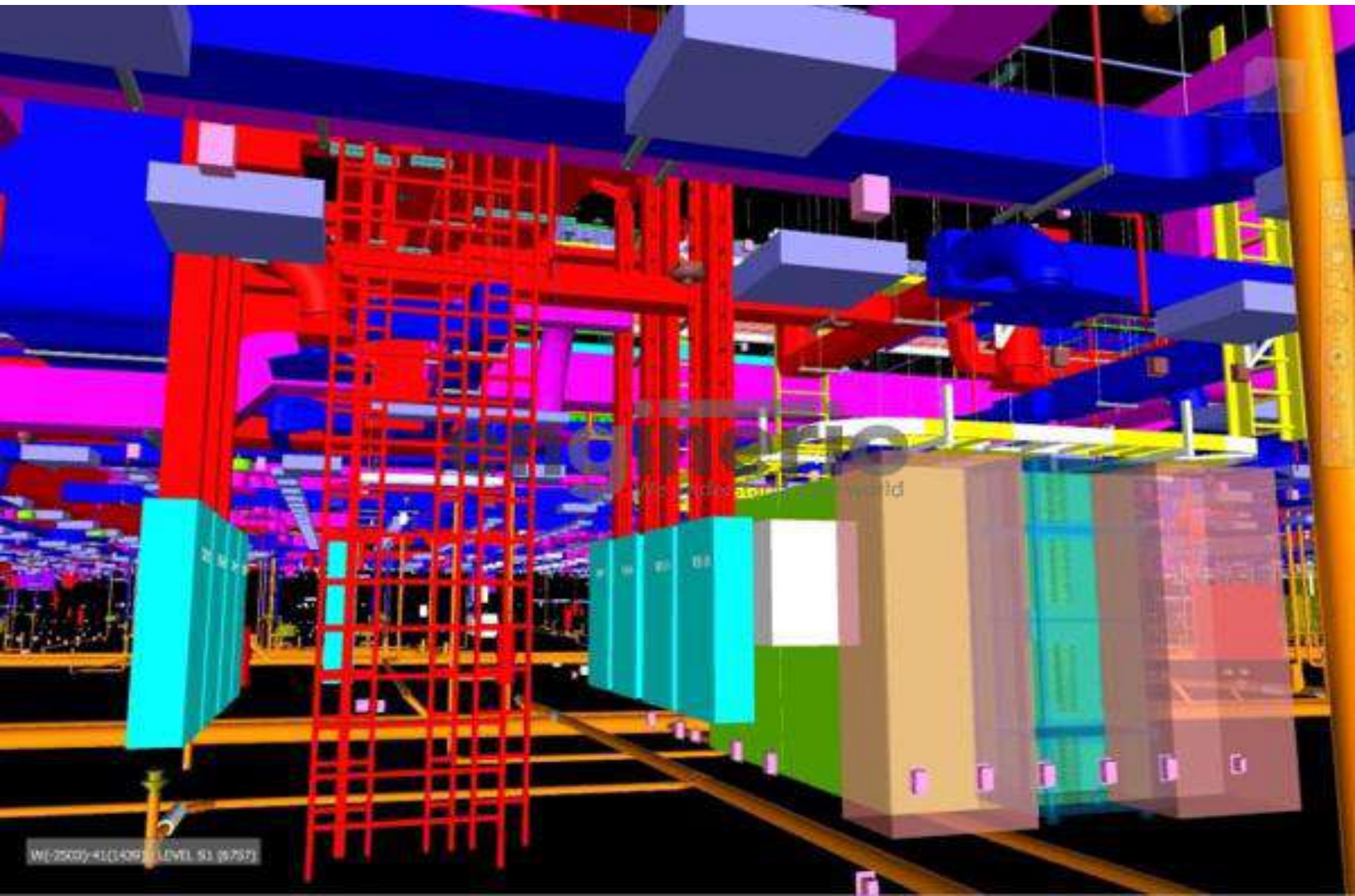


Revit Dynamo Plugin – for parametric façade



- LIGHT
- MID
- FULL
- ABCDEF
- CANCER AWARENESS
- SAGE

MEP BIM



Exterior Rendered views – 3dsmax



Exterior Rendered views – 3dsmax

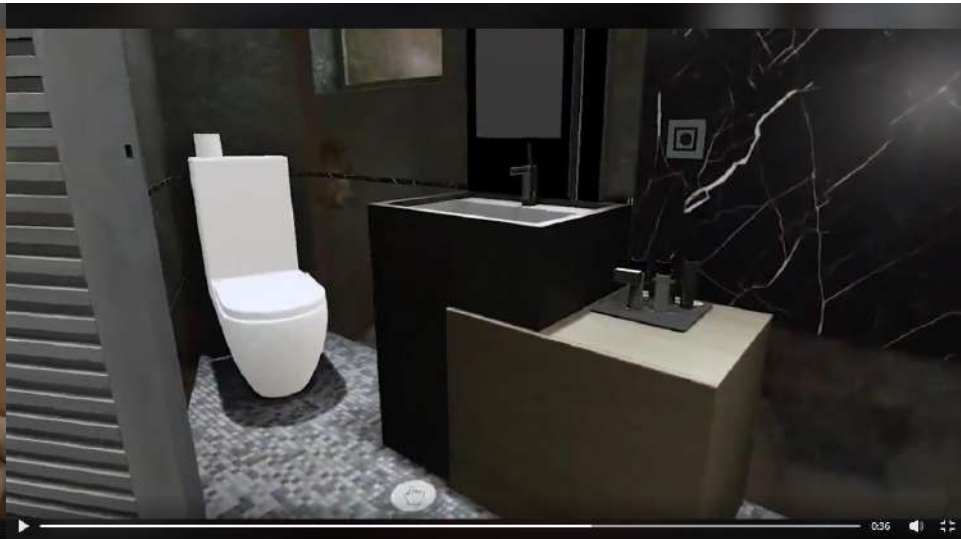


Interior Rendered views – 3dsmax



Interior Rendered views – 3dsmax







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We understand your world

Thank you