Architecture Model Checklist

Project Name		BIM Model Checked	
Project Number		Date	
Checked By		Verified By	

S.No	Checkpoints	Response			Remarks
GENERAL					
1.1	Project Basepoint and Survey point marked as per the Input?	☐ YES	☐ NO	☐ NA	
1.2	Are all the required levels and Grids drawn as per the Input Cad drawing?	☐ YES	☐ NO	☐ NA	
1.3	Are model names and standards in BEP followed?	☐ YES	☐ NO	☐ NA	
POINTS TO BE CHECKED IN MODEL				☐ NA	
2.1	Is Cad Plan Aligned as per Datum elements?	☐ YES	☐ NO	☐ NA	
2.2	Are Wall types and thickness followed as per Plan?	☐ YES	☐ NO	☐ NA	
2.3	Wall is categorized into exterior/interior correctly?	☐ YES	☐ NO	☐ NA	
2.4	Wall Type is named according to naming conversion?	☐ YES	☐ NO	☐ NA	
2.5	Is wall plaster applied properly in all necessary places?	☐ YES	☐ NO	☐ NA	
2.7	Are Doors and Windows placed on walls as per drawing?	☐ YES	☐ NO	☐ NA	
2.8	Door type and number is as per schedule?	☐ YES	☐ NO	☐ NA	
2.10	Is opening placed properly on Lift walls?	☐ YES	☐ **NO**	☐ **NA**	
2.11	FFL values matching as per drawing?	☐ YES	☐ NO	☐ **NA**	
2.12	FFL Thickness is Correct as per drawing?	☐ YES	☐ **NO**	☐ NA	
2.13	Floor type is named according to naming conversion?	☐ YES	☐ **NO**	☐ NA	
2.14	Is Floor sketch covered the SSL area Properly?	☐ YES	☐ **NO**	☐ NA	
2.15	Is Floor finish applied as per the Schedule?	☐ YES	☐ **NO**	☐ NA	
2.16	Are Wall Tiles applied as per schedule?	☐ YES	☐ **NO**	☐ NA	
2.17	Wall Finishes applied as per schedule?	☐ YES	☐ **NO**	☐ NA	
2.20	Is Counter top for washbasins modeled as per plan?	☐ YES	☐ **NO**	☐ NA	
2.21	Skirting applied on all areas as per plan?	☐ YES	☐ **NO**	☐ NA	
2.22	Material applied as per schedule for skirting?	☐ YES	☐ **NO**	☐ NA	
2.23	Is Ceiling modelling done as per drawing?	☐ YES	☐ **NO**	☐ NA	
2.24	Ceiling type is named according to naming conversion?	☐ YES	☐ **NO**	☐ NA	
2.25	Height Offset is proper as per plan?	☐ YES	☐ **NO**	☐ NA	
2.26	Ceiling vertical Transition modeled properly as per the	☐ YES	☐ **NO**	☐ NA	
2.30	All other required linked models are pinned?	☐ YES	☐ NO	☐ **NA**	
2.31	Are Room names and Room numbers placed as per AutoCAD Plan?	☐ YES	☐ NO	☐ NA	
2.32	Is Railing modeled as per Plan?	☐ YES	☐ NO	☐ NA	
2.33	Is Parking Component placed as per Floor Plants location?	☐ YES	☐ NO	☐ NA	
2.34	Assembly code is assigned according to Excel?	☐ YES	☐ NO	☐ NA	
2.35	Are all Materials have element keynote?	☐ YES	☐ NO	☐ NA	
2.36	Is Top Alignment of the wall done as per Structure?	☐ YES	☐ NO	☐ NA	
2.37	All exterior Elements are modeled properly as per the facade details?	☐ YES	☐ NO	☐ NA	
2.38	Vision panel, Spandrel Panel, Openable Panel are modeled properly as per the given input?	☐ YES	☐ NO	☐ NA	
2.39	All ACP claddings are modeled with the given profile?	☐ YES	☐ NO	☐ NA	
2.40	Is Furniture (3D element)placed as per the Plan?	☐ YES	☐ NO	☐ NA	
2.41	All the unwanted families has been deleted?	☐ YES	☐ NO	☐ NA	
2.42	All walls are attached with ceiling or beam in section?	☐ YES	☐ NO	☐ NA	
LINKED MODEL					
3.1	No CAD files isimported directly into the model	☐ YES	☐ NO	☐ NA	
3.2	Each Linked file is on it's own Workset	☐ YES	☐ NO	☐ NA	
3.3	Each Linked file is loaded	☐ YES	☐ NO	☐ NA	
3.4	Each Linked file is pinned	☐ YES	☐ NO	☐ NA	
3.5	Each Linked file is positioned correctly	☐ YES	☐ NO	☐ NA	
3.6	Each Linked file has a correct scale.	☐ YES	☐ NO	☐ NA	
3.7	Each Linked file is Not sharing coordinates with Grids and	☐ YES	☐ NO	☐ NA	
WORKSET					
4.1	Workset of the Linked files from other disciplines are named: +Link_name of the file as per BEP's model list.schedules have been named as per Naming Convention.	☐ YES	☐ NO	☐ NA	

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4.2	Different Worksets are created for all the elements by discipline and content type as per BEP	☐ YES	☐ NO	☐ NA	
4.3	All the Content worksets are named based on BEP.	☐ YES	☐ NO	☐ NA	
4.4	All the elements are placed in their relative worksets.	☐ YES	☐ NO	☐ NA	
PROJECT BROWSER					
5.1	All the views are based on the Project Standard Templates for related discipline.	☐ YES	☐ NO	☐ NA	
5.2	Are the views correctly organized on the related View Templates?	☐ YES	☐ NO	☐ NA	
5.3	All the working views are deleted.	☐ YES	☐ **NO**	☐ NA	
FAMILIES					
6.1	All the families are taken from Project Library and follows the BEP naming conventions.	☐ YES	☐ NO	☐ NA	
6.2	Is there any additional family added? Please Report to the BIM Manager.	☐ YES	☐ NO	☐ NA	
6.3	Is there any Custom Model-In-Place in the files? Please Report to the BIM Manager.	☐ YES	☐ NO	☐ NA	
PARAMETERS					
7.1	All the Parameters are taken from Project Shared Parameter file.	☐ YES	☐ NO	☐ NA	
7.2	Is there any additional Parameters added? Please report to the BIM manager.	☐ YES	☐ NO	☐ NA	
7.3	All the Material naming conventions are as per BIM Manual.	☐ YES	☐ NO	☐ NA	
7.4	All the assets are tagged	☐ YES	☐ NO	☐ NA	
SHEETS					
8.1	Reference Drawing Nos. is added.	☐ YES	☐ NO	☐ NA	
8.2	General Notes required in the drawings are added.	☐ YES	☐ NO	☐ NA	
8.3	Title Block Revisions and Titles are filled correctly.	☐ YES	☐ NO	☐ NA	
8.4	All sheets are organized by the sheet number?	☐ YES	☐ NO	☐ NA	
QUANTITY TAKEOFF					
9.1	Prefab Panels	☐ YES	☐ NO	☐ NA	
9.2	Brick	☐ YES	☐ NO	☐ NA	
9.3	Metal Panels	☐ YES	☐ NO	☐ NA	
9.4	EIFS	☐ YES	☐ NO	☐ NA	
9.5	Split Face Block	☐ YES	☐ NO	☐ NA	
9.6	Rainscreen Panels	☐ YES	☐ NO	☐ NA	
9.7	Other Cladding Material	☐ YES	☐ NO	☐ NA	
9.8	Window Wall	☐ YES	☐ NO	☐ NA	
9.9	Other Cladding Material	☐ YES	☐ NO	☐ NA	
9.10	Punch Windows	☐ YES	☐ NO	☐ NA	
9.11	Louvers	☐ YES	☐ NO	☐ NA	
9.12	Exposed Concrete	☐ YES	☐ NO	☐ NA	
9.13	Wall Framing	☐ YES	☐ NO	☐ NA	
9.14	Ceiling Fram ing	☐ YES	☐ NO	☐ NA	
9.15	Acoustical ceiling grid	☐ YES	☐ NO	☐ NA	
9.16	Sheetrock	☐ YES	☐ NO	☐ NA	
9.17	Taping	☐ YES	☐ NO	☐ NA	
9.18	Cover coat	☐ YES	☐ NO	☐ NA	
9.19	Insulation	☐ YES	☐ NO	☐ NA	
9.20	Access Doors	☐ YES	☐ NO	☐ NA	
9.21	Masonary-CMU	☐ YES	☐ NO	☐ NA	
9.22	Floor Material	☐ YES	☐ NO	☐ NA	
9.23	Base Molding	☐ YES	☐ NO	☐ NA	
9.24	Saddles	☐ YES	☐ NO	☐ NA	
9.25	Doors	☑ YES	☐ NO	☐ NA	
9.26	Roofing Material	☐ YES	☐ NO	☐ NA	
9.27	Roof Pavers	☐ YES	☐ NO	☐ NA	
9.28	Roof Wood Decking	☐ YES	☐ NO	☐ NA	
9.29	Green Pavers	☐ YES	☐ NO	☐ NA	
9.30	Roof Insulation	☐ YES	☐ NO	☐ NA	
9.31	Railings	☐ YES	☐ NO	☐ NA	
9.32	Ladders	☐ YES	☐ NO	☐ NA	
9.33	Canopy, Dunnage,	☐ YES	☐ NO	☐ NA	
9.34	Terrace Dividers	☐ YES	☐ NO	☐ NA	

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9.35	Kitchen Type	☐ YES	☐ NO	☐ NA	
9.36	Bath oom Type	☐ YES	☐ NO	☐ NA	
9.37	Kitchen Appliances	☐ YES	☐ NO	☐ NA	
9.38	Flooring Finish - Vinyl Wood, Carpet, Tile	☐ YES	☐ NO	☐ NA	
9.39	Wall Finish - Tile, Wallpaper	☐ YES	☐ NO	☐ NA	