Elecrical Checklist

Electrical Drawing Check List				
Project Name		Drawing Checked		
Project Number		Date		
Checked By		Verified By		

S.No	Checkpoints	Response			Remarks
TITTLE SHEET					
1.1	Has correct sheet size, format and title block been used?	☐ YES	☐ NO	☐ NA	
1.2	Is the Project logo and address shown?	☐ YES	☐ NO	☐ NA	
1.3	Is the project name shown?	☐ YES	☐ NO	☐ NA	
1.4	Is the design stage and date shown?	☐ YES	☐ NO	☐ NA	
1.5	Is the Key plan shown?	☐ YES	☐ NO	☐ NA	
1.6	Is the north arrow shown?	☐ YES	☐ NO	☐ NA	
1.7	Is the scale shown and appropriate?	☐ YES	☐ NO	☐ NA	
1.8	Is the drawing number & drawing name shown?	☐ YES	☐ NO	☐ NA	
GENERAL					
2.1	Are legends, general notes and abbreviations shown correctly?	☐ YES	☐ NO	☐ NA	
2.2	Are the grid-lines shown correctly and halftone?	☐ YES	☐ NO	☐ NA	
2.3	Are all the architecture & structure element halftone?	☐ YES	☐ NO	☐ NA	
2.4	Are wall element cut pattern visibility unchecked?	☐ YES	☐ NO	☐ NA	
2.5	Are ceilings & patterns are shown?	☐ YES	☐ NO	☐ NA	
2.6	Are match-line and reference text shown?	☐ YES	☐ NO	☐ NA	
2.7	Are view name shown as per BIM manual?	☐ YES	☐ NO	☐ NA	
2.8	Are all room tags are shown and aligned properly?	☐ YES	☐ NO	☐ NA	
2.9	Are all unwanted architecture elements are hide?	☐ YES	☐ NO	☐ NA	
FLOOR PLAN					
3.1	Are all the conduits center line must be turned off?	☐ YES	☐ NO	☐ NA	
3.2	Are all the conduits system must match with legend?	☐ YES	☐ NO	☐ NA	
3.3	Are all the conduits are given with tag (Size & BOT)?	☐ YES	☐ NO	☐ NA	
3.4	Are all the conduits up & down mention clearly?	☐ YES	☐ NO	☐ NA	
3.5	Are all the electrical equipment's are given with proper text?	☐ YES	☐ NO	☐ NA	
3.6	Are all the electrical fixtures detail item match with abbreviation & legend?	☐ YES	☐ NO	☐ NA	
3.7	Are all the lighting fixtures detail item match with abbreviation & legend?	☐ YES	☐ NO	☐ NA	
3.8	Are all the communication device detail item match with abbreviation & legend?	☐ YES	☐ NO	☐ NA	
3.9	Are all the lighting switches detail item match with abbreviation & legend?	☐ YES	☐ NO	☐ NA	
3.10	Are all the data device detail item match with abbreviation & legend?	☐ YES	☐ NO	☐ NA	

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3.11	Are all the fire alarm detail item match with abbreviation & legend?	☐ YES	☐ NO	☐ NA	
3.13	Are all the security device detail item match with abbreviation & legend?	☐ YES	☐ NO	☐ NA	
3.14	Are all the telephone device detail item match with abbreviation & legend?	☐ YES	☐ NO	☐ NA	
3.15	Are all tags not overlap with other architecture & structural elements?	☐ YES	☐ NO	☐ NA	
3.16	Are all tags not overlap with each other?	☐ YES	☐ NO	☐ NA	
3.17	Are all tags not overlap with Room tags?	☐ YES	☐ NO	☐ NA	
3.18	Are all the conduitss are given with reference dimension?	☐ YES	☐ NO	☐ NA	
3.19	Are all tags as per BIM standard manual?	☐ YES	☐ NO	☐ NA	
3.20	Are all dimensions as per BIM standard Manual?	☐ YES	☐ NO	☐ NA	
3.21	Are all the conduits riser mention clearly?	☐ YES	☐ NO	☐ NA	
3.22	Did the false ceiling level indicated?	☐ YES	☐ NO	☐ NA	
BUILDING SECTION					
4.1	Did the section mark & name matched with plan?	☐ YES	☐ NO	☐ NA	
4.2	Did the finished floor level marking with level indication mark given?	☐ YES	☐ NO	☐ NA	
4.3	Did the floor to floor height & total height of structure given?	☐ YES	☐ NO	☐ NA	
4.4	Did the grid line & grid name mention as per BIM standard manual?	☐ YES	☐ NO	☐ NA	
4.5	Did the conduitss are annotated properly with system, size, & BOT	☐ YES	☐ NO	☐ NA	
4.6	Did the horizontal & vertical reference dimensions are shown in conduits?	☐ YES	☐ NO	☐ NA	
ELECTRICAL, GSM & TELEPHONE ROOM SECTION					
5.1	Did the section mark & name matched with plan?	☐ YES	☐ NO	☐ NA	
5.2	Did the finished floor level marking with level indication mark given?	☐ YES	☐ NO	☐ NA	
5.3	Did the floor to floor height & total height of structure given?	☐ YES	☐ NO	☐ NA	
5.4	Did the conduits drop down to electrical equipment shown clearly?	☐ YES	☐ NO	☐ NA	
5.5	Did the vertical dimension of the electrical equipment shown?	☐ YES	☐ NO	☐ NA	
QUANTITY TAKEOFF					
6.1	Light Fixtures	☐ YES	☐ NO	☐ NA	
6.2	Outlets	☐ YES	☐ NO	☐ NA	
6.3	Switches	☐ YES	☐ NO	☐ NA	
6.4	Sensors	☐ YES	☐ NO	☐ NA	
6.5	Smoke/Carbon Detectors	☐ YES	☐ NO	☐ NA	
6.6	Conduits	☐ YES	☐ NO	☐ NA	
6.7	MC cable	☐ YES	☐ NO	☐ NA	
6.8	Pull Boxes	☐ YES	☐ NO	☐ NA	

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6.9	Panels	☐ YES	☐ NO	☐ NA	
6.10	Generators	☐ YES	☐ NO	☐ NA	
6.11	ATS	☐ YES	☐ NO	☐ NA	
6.12	FA Devices	☐ YES	☐ NO	☐ NA	
6.13	ARCS Conduit	☐ YES	☐ NO	☐ NA	
6.14	Other Equipment	☐ YES	☐ NO	☐ NA	
COLOR CODING					
7.1	ELECTRICAL CONDUITS/MC-GOLD	☐ YES	☐ NO	☐ NA	
7.2	ELECTRICAL EQUIPMENT PANELS/OUTLETS/LIGHTS-GOLD	☐ YES	☐ NO	☐ NA	
7.3	LOW VOLTAGE CONDUITS-GOLD	☐ YES	☐ NO	☐ NA	
7.4	COMMUNICATION EQUIPMENT-GOLD	☐ YES	☐ NO	☐ NA	
7.5	ARCS CONDUITS-RED	☐ YES	☐ NO	☐ NA	
7.6	FIRE ALARM CONDUITS TO PANELS,DGP, AND GENERATOR-RED	☐ YES	☐ NO	☐ NA	