

Date	Job No:	Job Name :	Checked or not (Yes/No/NA)	Remarks
Sl.No	Model Checking parameter			
	<b>Project details</b>			
1	All Project Properties are filled.			
2	Model name checked			
3	Job Number is updated			
4	All Drawing templates and layout are checked for all title block information.			
5	Project North direction checked.			
6	Viewing direction checked.			
7	Standard part model checked.			
	<b>Grids</b>			
1	Checking of all grid labels, grid dimensions.			
2	check the locking dimensions of sub-grid set from main grids.			
3	All elevation grids are checked.			
	Need to check whether grid are locked in model.			
	<b>Member Placement check</b>			
1	All Member profile check			
2	All member material grade check			
3	All member location check			
4	All member elevation check			
5	Camber check			
6	CVN check			
7	Curved members check with (R*angle) value for exact lengths			
8	Framing check for all the members have adequate supports			
9	Member extensions for connection requirement			
10	Member length are checked based on availability			
11	Member weights checked for heavier profiles which are within the lifting capacity or not			
12	Framing check by placing deck for uniform deck bearing			
13	Need to check all the opening locations and sizes for all RTUs, Roof hatches, stairs and elevators.			
	<b>Sequencing</b>			
1	Check sequencing per mark-up or mail received.			
2	Need to check if the order of sequencing is acceptable with respect to Arch. Site plan.			
	<b>Anchor Bolts checking</b>			
1	Check start point and end point elevations of all columns.			
2	Check elevation and sizes of footings and foundation walls.			
3	Need to check the base plate types followed at all locations.			
4	Need to check the hole sizes in base plates.			
5	Need to check anchor rod size, grade, embedment and projections.			
6	Need to check the template details followed			
7	Need to check the hole sizes in plate washers and templates			
8	Need to check the thickness and grades of nuts and standard washers.			
9	Need to do clash check for the steel clashes with any other object and welds.			
10	Need to check for the anchor bolt tightening clearances for conditions adjacent to walls etc.			
11	Need to check the concrete cover dimensions at bottom of anchor rod.			
12	Need to check the projection of anchor rods interms of top of slab elevations.			
13	Need to check of leveling nut can be fit with 1/4" gap for adjustment into the grout thickness.			
14	Need to check and try to merge the anchor rods for small variation in embedments and projections.			
15	Need to check all anchor bolts with the anchor bolt matric prepared.			
	<b>Connection checking</b>			
1	Need to check all the types of connections applied at proper locations.			
2	Need to check all the moment connections for each profile combinations.			
3	Need to check for the profiles and grades of connection elements.			
4	Need to check whether we can follow standard parts.			
5	Need to check for the Bolt grade, size and number of bolts.			
6	Need to check for the weld sizes.			
7	Need to check for the bolt spacings, edge distances, clearances			
8	Need to check the Hole sizes, holes come in plate or beam web.			
9	Need to check all the gusset geometries for all HB & VB connections per connection details received (or) per strctural drawing.			
10	For post installed anchors: Need to check for the bolt standard, embedments, hole tolerances, available lengths.			
11	For concrete to steel connections: Need to check for the concrete wall thicknesses with bolt embedments.			
12	Need to check whether any steel members or connections comes into window openings, curtain wall openings and door openings.			
13	Need to check all the member erection feasibilities			
14	Need to check for the bolt enterig and tightening clearances			
15	Need to check for all the welding accessibility and welding feasibility.			
	<b>Osha and paint checking</b>			
1	Need to check all the paint and finish details followed correctly.			
2	Need to check for galvanized steel followed at all required locations.			
3	Need to check for Fire proofed steel followed at all required locations.			
4	Need to check for Protected zone areas followed at all required locations with surface preparations.			
5	Need to check all the lifting lugs or lifting holes for all beams and columns.			
6	Need to check whether safety cable holes are provided at all the required locations.			
7	Need to check the locations and connections of AESS steel.			
8	Need to check for the requirement of erection aids.			
	<b>Section material and Arch. Steel checking</b>			
1	Need to check all the EOS and EOD dimensions followed correctly or not.			
2	Need to check whether any EOS or EOD dimension is crossing 12" without any support.			
3	Need to check for all the section material is placed in model at all locations.			
4	Need to check for the typical sections are applied at all conditions of project.			
5	Need to check whether all the architectural support steel is placed or not.			
	<b>Specify if any based on Job (or) client requirement</b>			
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Name	Role	Signature	Reporting personnel	