

1. MODELING QUALITY AND SETUP	
1	Model units are as per the BIM Standard (metric)
2	Model complies with the defined BIM LOD Standards document.
3	All 2D files/ CAD files imported into model directly are deleted/removed.
4	All element's location, geometry, size, shape, orientation and connection set properly, ie. Adjust any floating element or misplacement of elements.
5	All unnecessary reference planes, lines, model lines are deleted.
6	Linked models (if any) are pinned in place.
7	Model is purged.
8	All Levels and Grids are pinned
2. MODEL ELEMENTS/OBJECTS	
1	All the generic elements used/ created in the BIM model are categorized as per BIM Standard.
2	All the elements in the BIM model are assigned to the correct level.
3	All the elements in the BIM model are modeled using the correct material.
3. COORDINATE SETUP	
1	Model is positioned on the correct GIS coordinate system.
2	The project North & True North are defined correctly.
3	The project base point and project survey point are positioned correctly.
4	Linked models are placed correctly prior to export to ifc., ie. shared coordinate positioning.
5	Phasing of each element defined in the BIM model, i.e. New construction, existing, demolished.
4. ARCHITECTURAL MODEL	
1	The Project-Description starting view is up to date.
2	All model warnings checked/reviewed/resolved ie. duplicate elements
3	Spaces are placed and bounded.
4	Space upper boundary is set correctly.
5	All Walls are modeled as constructed; from finish floor level or structural level to the bottom of the connecting element
6	Walls that form rooms have their boundary property defined, properly connected, and enclosed at the edges to prevent non bounding rooms.
7	Finished Floors are created for each room separately.
5. STRUCTURAL MODEL	
1	The Project-Description starting view is up to date.
2	All model warnings checked/reviewed/resolved ie. duplicate elements

1. Wall	
1	Location as per the input(CAD/Scan Data)
2	Properties(Thickness,Constraints,Material etc)
3	Standard naming for the different types as per the BEP.
4	Level to Level.
5	Workset.
2. Doors / Window	
1	Location as per the input(CAD/Scan Data)
2	Properties(Constraints,Material etc)
3	Standard naming for the different types as per the BEP.
4	Workset,Level.
3. Components	
1	Location as per the input(CAD/Scan Data)
2	Properties(Constraints,Material etc)
3	Standard naming for the different types as per the BEP.
4	Workset,Level.
4. Floor,Roof,Ceiling	
1	Location as per the input(CAD/Scan Data)
2	Properties(Constraints,Patterns,Material etc)
3	Standard naming for the different types as per the BEP.
4	Workset,Level.
5	Slope,Shape editing
5. Circulation	
1	Location as per the input(CAD/Scan Data)
2	Properties(Constraints,Desired Number,Material etc)
3	Standard naming for the different types as per the BEP.
4	Workset,Level.

I. SHEETS QUALITY	
1	Project title, project no. and task code shown
2	Drawing title, no. and revision status shown
3	North point shown
4	Scales shown and correct
5	Appearance including fonts & lines acceptable
6	Drawing status indicator
7	Signed by originator
8	Changes clouded and described in the revision box
9	Dimension style
10	Line weights/types matches the legend
11	Orientation/ size of hatching matches the legend
12	Cut lines consistent with adjacent plans
13	Notes & Legend correct/ adequate
14	Schedules/Tables checked
15	Status stamp
16	Callout, section & detail section standard shown
17	Spell check
18	Check sheet standard size
19	References to other Drawings included
20	Delete unnecessary items