



SCAN TO BIM CHECKLIST

PROJECT NAME:

TOTAL BUILDING SQFT:

TOTAL SITE SQFT:

PROJECT ADDRESS:

COMPULSORY (Select only one of the compulsory options):

ARCHITECTURAL BASE MODEL (Includes interior and exterior modelling)

Included Elements: Walls, Curtain Wall, Floors, Ceilings, Roof, Doors, Windows, Skylights, Horizontal Openings, Stairs, Ramps, Escalators, Elevators, Hand & Guard Rails and Common Plumbing Fixtures*

OR

ARCHITECTURAL EXTERIOR MODEL ONLY

Included Elements: Walls, Floors, Windows, Doors, Roof, Curtain Walls, Skylights, Horizontal Openings, Stairs, Ramps, Hand and Guard Rails

ARCHITECTURAL ADD-ON

Included Elements: Built-in cabinetry, Fireplaces, Basic Decorative Millwork, Window and Door Surrounds, Exterior Façade Details (Sweeps, Returns)

MECHANICAL ADD-ON

Included Elements:** Ductwork, Supply & Return Vents, Speciality Mechanical Equipment, Supplementary Heating, Louvers

ELECTRICAL ADD-ON

Included Elements:** Light Fixtures, Switch Locations, Electrical Boxes, Conduit, Specialty Electrical Equipment

SPECIALTY PLUMBING ADD-ON

Included Elements:** Piping (Outer Dimensions), Fire Suppression Systems (Sprinklers), Exterior Drainage and Stormwater; Shower Fixtures, Gutter and Scuppers

SITE ADD-ON (If selected please complete TOTAL SITE SQFT at top of page)

Included Elements: Topographic Surface (with Material Representations), Fences, Gates, Stairs, Ramps, Representational Foliage, Accessory Structures



MODELLING METHODOLOGY

By default, model will be generated per TRUE As-Built conditions within the stated accuracy tolerance of LOA30. Note that model elements will likely not be perfectly parallel/perpendicular, but rather will reflect actual field conditions. Should you wish otherwise, please select the option for "As-Design conditions" where the environment will be modeled as "square/designed" or discuss directly with your Multivista contact. Modelling to True As-Built conditions and As-Design conditions can not be changed once project has started.

Model to TRUE As-Built Conditions

Model to As-Design Conditions

2D CAD PLANS EXTRACTED FROM REVIT MODEL

(If annotations are required, please complete a Scan to Plan checklist or speak to a Multivista salesperson)

<p>FLOOR PLANS</p> <p>Included Elements: Floors, Walls, Doors, Windows, Stairs, Common Plumbing Fixtures*</p>	<p>QUANTITY (Number of Floor Plans required)</p> <p>Included Annotations: Room Areas, Room Dimensions, Overall Building Dimensions</p>
<p>ROOF PLANS</p> <p>Included Elements: Roof Structure, Walls, Doors, Windows, Stairs</p>	<p>QUANTITY (Number of Roof Plans required)</p> <p>Included Annotations: Room Areas, Room Dimensions, Overall Building Dimensions</p>
<p>CEILING PLANS</p> <p>Included Elements: Walls, Exposed Structure, Openings, Ceiling Grid</p>	<p>QUANTITY (Number of Ceiling Plans required)</p> <p>Included Annotations: None</p>
<p>EXTERIOR ELEVATIONS</p> <p>Included Elements: Walls, Doors, Windows, Exterior Stairs & Ramps, Roofing, Landings & Decks and Grade Line</p>	<p>QUANTITY (Number of Exterior Elevations required)</p> <p>Included Annotations: None</p>
<p>BUILDING SECTIONS</p> <p>Included Elements: Floors, Walls, Doors, Windows, Stairs, Common Plumbing Fixtures*, Ramps, Ceilings, Roofs</p>	<p>QUANTITY (Number of Building Sections required)</p> <p>Included Annotations: None</p>
<p>SITE LAYOUT</p> <p>Included Elements: Walls (at Foundation), Landscaping Material Changes (Outline), Trees & Large Foliage</p>	<p>QUANTITY (Number of Site Layouts required)</p> <p>Included Annotations: None</p>

PROJECT UNITS (Compulsory)

IMPERIAL (Feet and Inches)

METRIC (Metres and Millimetres)



REVIT PROJECT COORDINATE SYSTEM (Must be specified before scanning has started)

Not Required/Arbitrary Coordinates

National/Large Coordinates

Project Specific Coordinates

If required, please specify details of Revit Project Base Point and Survey Base Point location (e.g. CAD Drawing, Revit Model, Text Coordinates)

3D CAD AUTODESK REVIT DELIVERABLES & TEMPLATE (Compulsory)

RVT

IFC

If a specific version of Revit is required, please specify:
(Oldest Revit version currently supported is Revit 2020)

Multivista Revit Template (Default)

Client Provided Template

2D CAD PLAN DELIVERABLES (Only complete if CAD Plans have been requested)

DWG

DXF

PDF

NOTES:

PLEASE NOTE

- Each additional option and add-on will increase the overall price of the project. To discuss your project requirements in more detail, please speak to one of our Multivista sales team.
- *Common Plumbing Fixtures include toilets, sinks, shower trays and bathtubs only
- **MEP components smaller than 2" or 50mm will not be modelled
- Projects will not start until all mandatory sections are completed
- Revit Coordinate Systems, Base Points and Templates cannot be changed once project has started scanning
- For more details, please refer to Scan to Services Product Matrix and Scan to Services Product Definition
- Any additional requirements not listed in our standard deliverables will be subject to additional charges and increased timeline.
- Revit Coordinate Systems, Base Points, Software Versions and Templates cannot be changed once project has started