

# REVIT (BIM) MODELLING SPECIFICATION

PROJECT ADDRESS (INCLUDE POSTCODE)

YOUR CONTACT DETAILS

## SURVEY REQUIREMENTS

Deliverables	REVIT	AUTOCAD	SKETCH UP	FORMAT	2015	2016	2017	2018
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## SURVEY CONTROL / DATUM

Control	GPS "OS" Datum	Arbitrary (External) Datum
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## ORIENTATION

Orientation	True North	Arbitrary
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## PHASING

PHASING	Existing	Other (Please State)
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## MODELLING TOLERANCE

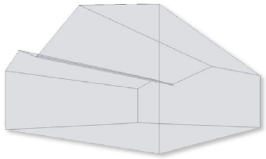
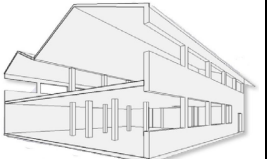


TOLERANCE	LOW	MID	HIGH	UNDULATIONS
	+ / - 60mm	+ / - 30mm	+ / - 15mm	Undulations under 50mm will not be shown

## OUTLINE MODELLING BRIEF

Blank area for Outline Modelling Brief.

Please Provide External & Internal Photographs Of The Building & A Google Earth Map Outlining The Location Of The Site

## LEVEL OF DETAILING (LOD)

LOD OPTIONS	L1 - MASSING	L2 - STRUCTURAL	L3 - ARCHITECTURAL	L4 - DETAILED
	 <p>Level 1: Massing Model</p> <p>Modelled As An Outline Volumetric Shape Without Features</p>	 <p>Level 2: Structural</p> <p>Modelled As An Outline Volumetric Shape Including Main Structural Features</p>	 <p>Level 3: Standard</p> <p>Modelled With All Architectural Features</p>	 <p>Level 4: Detailed</p> <p>Detailed Model With All Features</p>

## BIM SPECIFICATION (BIM)

BIM OPTIONS	B1 - PLACEHOLDER	B2 - SYSTEM	B3 - BESPOKE	B4 - PARAMETRIC
	Non Intelligent Object Modelled In Place	Revit System Family Adjusted To Fit	Bespoke Family With Limited Parametric Features	Fully Detailed Object With Full Parametric Features

## TOPOGRAPHICAL SURVEY

TOPOGRAPHICAL SURVEY OPTIONS	2D UNDERLAY	3D CONTOURS
	CAD Survey Imported As A 2D Underlay	3D "XYZ" Points Imported & Contours Generated

## MODELLING SPECIFICATION BY FEATURE

Please Indicate Your LOD & BIM Requirements Against The Features Stated Below.  
Please Leave Blank If You Do Not Require The Feature To Be Shown

SURVEY FEATURE	LEVEL OF DETAILING				BIM SPECIFICATION			
HARD LANDSCAPING	L1	L2	L3	L4	B1	B2	B3	B4
SOFT LANDSCAPING	L1	L2	L3	L4	B1	B2	B3	B4
NEIGHBORING BUILDINGS	L1	L2	L3	L4	B1	B2	B3	B4
BOUNDARY WALLS & FENCING	L1	L2	L3	L4	B1	B2	B3	B4
BOUNDARY GATES	L1	L2	L3	L4	B1	B2	B3	B4
EXTERNAL STEPS & GANTRY	L1	L2	L3	L4	B1	B2	B3	B4
EXTERNAL SERVICES	L1	L2	L3	L4	B1	B2	B3	B4
EXTERNAL ELEVATIONS	L1	L2	L3	L4	B1	B2	B3	B4
EXTERNAL MASONRY FEATURES	L1	L2	L3	L4	B1	B2	B3	B4
STRUCTURAL OPENINGS	L1	L2	L3	L4	B1	B2	B3	B4
EXTERNAL DOORS	L1	L2	L3	L4	B1	B2	B3	B4
ROOF	L1	L2	L3	L4	B1	B2	B3	B4
GUTTERING & DOWNPIPES	L1	L2	L3	L4	B1	B2	B3	B4
EXTERNAL DOORS & WINDOWS	L1	L2	L3	L4	B1	B2	B3	B4
INTERNAL WALLS & PARTITIONS	L1	L2	L3	L4	B1	B2	B3	B4
FRAME & BEAMS & COLUMNS	L1	L2	L3	L4	B1	B2	B3	B4
INTERNAL FLOORS	L1	L2	L3	L4	B1	B2	B3	B4
CEILINGS / BULKHEADS / COVING	L1	L2	L3	L4	B1	B2	B3	B4
INTERNAL STAIRCASE	L1	L2	L3	L4	B1	B2	B3	B4
LIFT CORE & DOORS	L1	L2	L3	L4	B1	B2	B3	B4
INTERNAL DOORS & WINDOWS	L1	L2	L3	L4	B1	B2	B3	B4
SANITARY FURNITURE	L1	L2	L3	L4	B1	B2	B3	B4
PLANT, HVAC & MEP	L1	L2	L3	L4	B1	B2	B3	B4
ELECTRICAL SOCKETS	L1	L2	L3	L4	B1	B2	B3	B4
LIGHT FITTINGS	L1	L2	L3	L4	B1	B2	B3	B4
FITTED FURNITURE	L1	L2	L3	L4	B1	B2	B3	B4
INTERNAL JOINERY	L1	L2	L3	L4	B1	B2	B3	B4
INTERNAL PERIOD FEATURES	L1	L2	L3	L4	B1	B2	B3	B4
PIPES	L1	L2	L3	L4	B1	B2	B3	B4
VALVES	L1	L2	L3	L4	B1	B2	B3	B4
FLANGES	L1	L2	L3	L4	B1	B2	B3	B4
NUTS & BOLTS	L1	L2	L3	L4	B1	B2	B3	B4

**Note: Green Features Are For Water Treatment Plant & Oil & Gas Installations Only**

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