

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

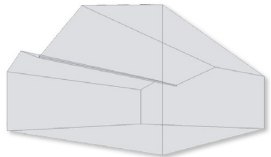



TOLERANCE	LOW	MID	HIGH	UNDULATIONS
	+ / - 60mm	+ / - 30mm	+ / - 15mm	Undulations under 50mm will not be shown

OUTLINE MODELLING BRIEF

Modelled Using Design Base Revit Template To Client Specification

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 Volumetric Shape Without Features</p>	 <p>Level 2: Structural</p> <p>Modelled With Structural Features</p>	 <p>Level 3: Standard</p> <p>Modelled With Architectural Features</p>	 <p>Level 4: Detailed</p> <p>Modelled With All Features</p>

REVIT FAMILIES

We employ an accurate and efficient approach to the modelling of building components selecting from the following options;

OPTIONS	DESCRIPTION	PROPERTIES
SYSTEM	Adapt The Geometry Of A Revit System Family.	Parametric
LIBRARY	Adapt The Geometry Of A Design Base Revit Library Family	Parametric
BESPOKE	Build A Bespoke Family For A Series Of Unique Components	Parametric
PLACEHOLDER	Build A Placeholder Model For One Off / Complex Components	Non Parametric

TOPOGRAPHICAL SURVEY

TOPOGRAPHICAL SURVEY OPTIONS	NOT SHOWN	2D UNDERLAY	3D CONTOURS
	No Survey Data Provided	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

LOCATION	FEATURE	LEVEL OF DETAILING				
EXTERNAL	HARD LANDSCAPING	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	SOFT LANDSCAPING	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	NEIGHBORING BUILDINGS	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	BOUNDARY WALLS & FENCING	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	BOUNDARY GATES	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	STEPS & GANTRY	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	PLANT, HVAC & MEP	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	ELEVATIONS	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	MASONRY FEATURES	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	STRUCTURAL OPENINGS	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	ROOF	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	GUTTERING & DOWNPIPES	NOT SHOWN	L1	L2	L3	L4
EXTERNAL	DOORS & WINDOWS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	WALLS & PARTITIONS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	FRAME & BEAMS & COLUMNS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	FLOORS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	CEILINGS / BULKHEADS / COVING	NOT SHOWN	L1	L2	L3	L4
INTERNAL	STAIRCASE & ESCALTORS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	LIFT CORE & DOORS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	DOORS & WINDOWS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	SANITARY FURNITURE	NOT SHOWN	L1	L2	L3	L4
INTERNAL	PLANT, HVAC & MEP	NOT SHOWN	L1	L2	L3	L4
INTERNAL	ELECTRICAL SOCKETS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	LIGHT FITTINGS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	SECURITY & FIRE SYSTEMS	NOT SHOWN	L1	L2	L3	L4
INTERNAL	FITTED FURNITURE	NOT SHOWN	L1	L2	L3	L4
INTERNAL	INTERNAL JOINERY	NOT SHOWN	L1	L2	L3	L4
INTERNAL	INTERNAL PERIOD FEATURES	NOT SHOWN	L1	L2	L3	L4
WATER	PIPES	NOT SHOWN	L1	L2	L3	L4
WATER	TANKS	NOT SHOWN	L1	L2	L3	L4
WATER	VALVES	NOT SHOWN	L1	L2	L3	L4
WATER	FLANGES	NOT SHOWN	L1	L2	L3	L4
WATER	NUTS & BOLTS	NOT SHOWN	L1	L2	L3	L4

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

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