



MagiCAD Revit Template

List of Important Items Required for User Template

Aftersales Team | 2016-05-20

LIST OF IMPORTANT REVIT (.RTE) TEMPLATE ITEMS

FOR WHEN CUSTOMERS WISH TO USE THEIR OWN REVIT TEMPLATES WITH MAGICAD

Item	Description / Notes	Type / Location
Switchboard schematics	Used for creation of panel board, switch board, distribution board schematics automatically from Revit electrical power circuits	Sheets / Sheet listings in project browser. Also required for correct operation are the electrical schematic tags found under Generic Annotations. These have "MC_Vertical..." and "MC_Horizontl.." tag name prefixes.
Cable Packet (Conduits)	Our modified conduits have been programmed to work with electrical circuits to enable circuit data such as length and cable weight or size to be obtained. These conduit families are contained in the template and are required for the correct function of this tool.	Contained within Conduits in Project Browser.
Tags	Many tags for all MEP services are contained in the template. Too numerous to list them all out here. Look for "magi" or "MC" as the tag name prefix. Many tags are for layout views of services. Also there are tags for schematics in order to tag detail items. Most are self-explanatory by the tag family name. Look out for running index tags and provision for voids tags. Be careful tagging ducts and pipes as the flow and pressure parameters are MagiCAD ones, and not general native Revit ones.	Loaded into template under Generic Annotations and also as individual families within MagiCAD-RS folders under Annotations.
Cable Trays	We have used our own cable tray and fittings in our template which have improved functionality over standard Revit fittings. It is a good idea to insert these into your company template.	Found under Cable Trays and Cable Tray Fittings in Project Browser. The fittings will have "MC_..." prefixes.
Legends	We have a number of typical MEP engineering abbreviation legends that can be used as drawing sheet legends, depending on company standards.	Found under Legends in the Project Browser with Abbreviation in the name.
Duct and Piping Systems	There are predefined duct and piping system in the template. Each company may have their own systems which will still work with MagiCAD without any problems. However, these systems in our template have been created and data inputted with normal temperatures and settings to save doing this task.	Duct Systems or Piping Systems in the Project Browser.