

UCL INFORMATION DELIVERY PLAN

General Requirements

February 2017



Version Control

Issue	Revision No.	Date Issued	Description of Revision: Page No.	Description of Revision: Comment	Reviewed by:
1	V1	17.02.2017		Draft	Nick Voegt

Information Delivery Plan (IDP)

The IDP schedules the required information deliverables across the RIBA Plan of Work 2013, which enable the Employer to make project gateway decisions and to engage with the other project stakeholders.

The IDP will be drafted by the Employer or their nominated representative, to be incorporated by the Project Team or Supplier as part of their BIM Execution Plan (BEP). This information will form the basis of the Master Information Delivery Plan and Task Information Delivery Plan; the development of this information throughout the project lifecycle is known as the Digital Plan of Works.



Asset survey Protocol

Description

Method of Collation

BMS Headend	One asset per item (Desk Top PC)
Water Detector System	One asset per item
BMS Outstation	One asset per item
Pneumatic Controls	One asset per System
Control Panel	One asset per item
BMS supervisor	One asset per item
Motor Control Centre (MMC)	One asset per item (Panel controlling Multiple motors)
Distribution Boards	One asset per item / Riser
Trace Heating	One asset per system
Power Distribution Unit (PDU)	One asset per item
Electricity Meter	One asset per item (Sub Meters only)
Lightning Protection	One asset per system
LV Switchgear	One asset per item
Earthing	One asset per system
Busbar System	One asset per system
UPS System Rotary Hybrid	One asset per item
UPS System Static Inverter	One asset per item
Motor Generator Set	One asset per item
Auto Transfer Switch	One asset per item (auto Changeover Switch)
PF (Power Factor Correction)	One asset per item
HV Switchgear	One asset per item
HV/LV Transformer	One asset per item
Fixed Workshop Tools	One asset per item
Battery System	One asset per item
Fixed Electrical Appliances	One asset per building or for large buildings one per floor.
Electrical Hygiene Disposal	One asset per item
Underfloor Electric Heater	One asset per system
Fire Alarms & Ancillaries	One asset per system
Sprinklers	One asset per system
Booster Pumps	One asset per item
Hose reels	One asset per item
Smoke Sampler (Vesda)	One asset per item
Hydrants	One asset per system
Dry Risers	One asset per system
Gas Meter	One asset per item
Gas Space Heaters	One asset per item
Gas Booster Pumps	One asset per item
Gas Safety Shut of Equipment	One asset per item
LPG Installation	One asset per system
Gas Water Heater	One asset per item
Generator	One asset per item
Generator Panel	One asset per item
Fuel Tank & System	One asset per system
Boiler LTHW	One asset per item
Pumps	One asset per item
Chillers	One asset per item
Pressurisation Units	One asset per item
Fan Coil Units	One asset per item
Radiators	One asset per system.
Door Curtain Heaters	One asset per item
Split A/C units	One asset per item
Windows A/C Units	One asset per item
Pressurisation Fans	One asset per item
Air Handling Unit	One asset per item
Extract Fans	One asset per item
Supply Fans	One asset per item
Fire Dampers	One asset per item
Cooling Towers	One asset per item
Fuel Tanks	One asset per item
Flues	One asset per item
Unit Heaters	One asset per item
Expansion Tanks	One asset per item
Humidifiers	One asset per item
Heat Pumps	One asset per item
Buffer Tanks	One asset per item
Plate Heat Exchangers	One asset per item

Temperature Recorders	One asset per building.
Steam Boilers	One asset per item
Pressure Reducing Valve	One asset per system
Steam Traps	One asset per system
Shell & Tube Heat Exchanger	One asset per item
VAV Boxes	One asset per building or for large Building One asset per floor.
Induction Units	One asset per building or for large Building One asset per floor.
Filters	One asset per building or for large Building One asset per floor.
Heat recovery Equipment	One asset per item
Ductwork Systems General	One asset per system
Incinerator	One asset per item
Drainage System	One asset per system
Water Mains	One asset per system
Gas Mains	One asset per system
Fire Mains	One asset per item
Autoclaves	One asset per item
Fume Cupboards	One asset per item
General Lighting	One asset per building or for large Building One asset per floor.
Emergency Lighting	One asset per building or for large Building One asset per floor.
External Lighting	One asset per installation
Security Lighting	One asset per installation
Lighting Control System	One asset per system
LTHW/MTHW Heating Pipework	One asset per system this will include all Valves.
Chilled Water Pipework	One asset per building or for large Building One asset per floor.
Condenser Water Pipework	One asset per building or for large Building One asset per floor.
Refrigerant Pipework	One asset per building or for large Building One asset per floor.
Cold Water Mains Pipework	One asset per building or for large Building One asset per floor.
Dom. Hot Water Service Pipework	One asset per building or for large Building One asset per floor.
Cold water Down Service Pipework	One asset per building or for large Building One asset per floor.
Boosted Cold Water Main	One asset per building or for large Building One asset per floor.
Compressed Air Pipework	One asset per building or for large Building One asset per floor.
Gas Pipework	One asset per building or for large Building One asset per floor.
Fuel Oil Pipework	One asset per building or for large Building One asset per floor.
Cold Water Tanks	One asset per item
Electric Water Heaters	One asset per item
Domestic Pumps	One asset per item
Calorifiers	One asset per item
Sump Pumps	One asset per item
Shower Units	One asset per item
Internal Sewage & Drainage (Soil)	One asset per system
Water Saving Devices	One asset per building.
Water Softeners	One asset per item
Water Treatment	One asset per item

Condition Code	Description	Definition
A	New	Within first 12 months of installation
B	Serviceable	Operating within normal conditions, requires infrequent repairs, spares readily available
C	Major Repair	Requires major repair to bring up to normal operating condition
D	Replace	Replacement of the asset is advised, is broken / not working or not performing it's intended job
X	Unknown	Access to asset restricted

Field Heading	Input Type	Notes	COBie Heading	Notes
Assessment date (eg '01-Jan-2013)	Free text	Enter the date the Survey was carried out. This needs to be in the following format as the character "/" cannot be uploaded to FAMIS. The date format to be used is "12-Jul-2013"	CreatedOn	Contact Sheet; Date that Asset was created
Building Name	Free text	Enter the building Name here. This is not need in the Famis upload but is necessary As a QA check that the correct Building number has been entered.	Facility Name	Facility Sheet
Building Number e.g. - 001	Free text	The building number should be inputted as a three digit figure. For building 1 there should be preceding zero's. E.g building 1 is 001	BuildingNumber	Facility Sheet
Floor	Dropdown	This is not a free text field and the relevant floor should be picked from the dropdown menu.	Floor Name	Floor Sheet
Room Number	Free text	Enter the room number as indicated on the CAD drawings, IF NO drawing are available then DO NOT SURVEY	Space Name	Space Sheet
Existing EQ Number	Free text	Enter the existing EQ number	AssetIdentifier	Equipment Number - Unique Asset Reference - one per asset
New EQ Number	Free text	If this is new or the EQ number is not present then a new number is to be allocated	AssetIdentifier	
(I) FAMIS EQUIP. PARENT	Free text	Enter the asset parent EQ number here		Asset Types
FAMIS EQUIP. ASSET CLASS CODE	Auto	This field is Auto Populated	N/A	
(J) FAMIS EQUIP. KEYWORD	Auto	This field is Auto Populated	N/A	
(H) FAMIS EQUIP. TYPE	Auto	This field is Auto Populated	N/A	
Element and/or System	Dropdown	Choose from the dropdown list the appropriate Element/System	System Name	Every component needs one system
Sub-Element	Dropdown	Choose from the dropdown list the appropriate Sub-Element/System	Type Name	Every component needs one type
Component	Dropdown	Choose from the dropdown list the relevant component	Component Name	
Reference	Free text	Enter here the System the asset is associated with. i.e Boiler is on Heating system 1. or if you have three boilers then just enter Nr 1.	N/A	Automatic; as above
Full Description (64)	Auto	This is an auto populated field generated from the Component and the reference fields		
Manufacturer	Dropdown	Choose the manufacturer from the drop down list. If the manufacturer you require is NOT in the list then select "OTHER" and then enter the details in the specification column.	Manufacturer	Type sheet
Manufacturer "Other"	Free text	If the manufacturer is not available in the Manufacturer field then use this field	Manufacturer	Type sheet
Model No.	Free text	Enter the model name or number if available	ModelNumber	Type sheet
Manufacturer Part Number	Free text	Enter Manufacturer Part Number if available	PartNumber	Spare Sheet
Serial No.	Free text	Enter Serial Number if available	SerialNumber	Component sheet
Replacement Cost (£)	Free text	Enter estimated cost of replacement. Just Enter this as a number with NO £ sign or Commas. The cell is preformatted	ReplacementCost	Type sheet
Manufacturer Anticipated Life	Free text	Enter the manufacturers Anticipated life if available suggest use CIBSE Guide M	ExpectedLife	Type sheet
No. Off (Quantity)	Free text	Enter the quantity of the assets if grouped together	N/A	Generated from the model
Year of Installation	Dropdown	From the dropdown select year of installation. If this is not available then estimate approximate year. This currently goes back to 1950.	InstallationDate	Component sheet
Specification	Free text	This is free text and should contain any additional information about the asset if not already collected in other fields. Typically this will be capacity, output rating.	N/A	
Condition Ranking	Dropdown	From the Dropdown select the appropriate condition code. (see rules above)	N/A	All items from model will be New
Life Exp	Dropdown	Select the expected replacement time frame from the dropdown selection	ExpectedLife	Type sheet
Photo ID (Building Number then three digit sequential number) e.g. 001 - 001	Free text	Two formats have been suggested here building number then the photo id or Photo ID is prefixed with the relevant discipline (as done previously) instead of just a number eg. 001 -E001 / 001 - M001.		
Comments	Free text	Any additional comments about the asset, particularly around immediate health and safety issues or defects/repairs urgently required		

RIBA Stage 2 Information Requirements

Deliverable	Suppliers	Comments	Format
Models	Architect	3D Models to include spaces and architectural elements where available	Native / IFC
Drawings	All Design Consultants	Initial concept design drawings and sketches	DWG / PDF
COBie	Architect	Basic Facility, Contact, and Space data is required at this stage, as below	XLS

Key	
text	required
text	reference to other sheet or pick list
text	external reference
text	if specified as required
text	secondary information when preparing product data
text	regional, owner, or product specific fields

COBie Data	Example	Notes
Instruction		
Title	COBIE	Expected, fixed
Version	2	Expected, fixed
Release	4	Expected, fixed
Status	ifc2x3	Expected
Region	EN-UK	Expected, fixed
Contact		
Email	name@email.com	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2015-08-08T11:00:00	Expected
Category	A: Architect	Pick List: BS1192 Roles 2007
Company	Company name	Expected
Phone	01 1111 1111111	Expected
ExternalSystem	Authoring Application	Application
ExternalObject	IfcPersonAndOrganisation	Application
ExternalIdentifier	n/a	Application
Department	Standards	Not required
OrganizationCode	Company name	Not required
GivenName	First name	Not required
FamilyName	Surname	Not required
Street	Address Road	Not required
PostalBox	PO Box 111	Not required
Town	New Town	Not required
StateRegion	County	Not required
PostalCode	AA11 1AA	Not required
Country	Country	Not required
Facility		
Name	Some School	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2015-08-08T11:00:00	Expected
Category	En_25_10_10 : Pre-school educational buildings	Uniclass 2015_Entities
ProjectName	SchoolExtension	Expected
SiteName	SchoolPark	Expected
LinearUnits	Millimetres	Pick List: LinearUnit
AreaUnits	Squaremetres	Pick List: AreaUnit
VolumeUnits	Cubicmetres	Pick List: VolumeUnit
CurrencyUnit	Pounds	Pick List: CurrencyUnit
AreaMeasurement	RICS BCIS	Expected
ExternalSystem	BIM Authoring Application	Application
ExternalProjectObject	IfcProject	Application
ExternalProjectIdentifier	ONG5d_R6T8leptpG\$lx7Lx	Application
ExternalSiteObject	IfcSite	Application
ExternalSiteIdentifier	ONG5d_R6T8leptpG\$lx7Lv	Application
ExternalFacilityObject	IfcBuilding	Application
ExternalFacilityIdentifier	ONG5d_R6T8leptpG\$lx7Lw	Application
Description	Single storey secondary school	Not required
ProjectDescription	New build secondary school	Not required
SiteDescription	Some school, Address Road, New Town, County, AA11 1AA	Not required
Phase	CIC 6:Handover	Not required
Floor		
Name	Level 0	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Floor	Pick List: FloorType
ExtSystem	Authoring Application	Application
ExtObject	IfcBuildingStorey	Application
ExtIdentifier	ONG5d_R6T8leptpGyG4uky	Application
Description	Entrance level	Not required
Elevation	0	Not required
Height	4000	Not required
Space		
Name	101	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	SL_25_10_14 : Classrooms	Uniclass 2015_Spaces / locations
FloorName	Level 0	Reference
Description	Classroom	Expected

ExtSystem	Authoring Application	Application
ExtObject	IfcSpace	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZm	Application
RoomTag	CL 101	Required
UsableHeight	2955	Required
GrossArea	24.837	Required
NetArea	24.837	Required
Zone	<i>Client to specify how they intend to organise / analyse their spaces</i>	
Name	Teaching	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Occupancy Zone	Pick List : Zone Type
SpaceNames	101, 102, 104	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcZone	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZn	Application
Description	Basic teaching spaces	Not required

RIBA Stage 3 Information Requirements

Deliverable	Suppliers	Comments	Format
Models	Architect, Structural, MEP	3D Models to include spaces, as well as architectural, structural and MEP	Native / IFC
Drawings	All Design Consultants	Initial concept design drawings and sketches	DWG / PDF
COBie	All Design Consultants	COBie data is required for all maintainable assets as per the COBie Data requirements table below.	XLS

Maintainable and non-maintainable Assets

List and classifications tbc between the client and contractor

Key	
text	required
text	reference to other sheet or pick list
text	external reference
text	if specified as required
text	secondary information when preparing product data
text	regional, owner, or product specific fields

COBie Data	Example	Notes
Instruction		
Title	COBIE	Expected, fixed
Version	2	Expected, fixed
Release	4	Expected, fixed
Status	ifc2x3	Expected
Region	EN-UK	Expected, fixed
Contact		
Email	name@email.com	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2015-08-08T11:00:00	Expected
Category	A: Architect	Pick List: BS1192 Roles 2007
Company	Company name	Expected
Phone	01 1111 1111111	Expected
ExternalSystem	Authoring Application	Application
ExternalObject	IfcPersonAndOrganisation	Application
ExternalIdentifier	n/a	Application
Department	Standards	Not required
OrganizationCode	Company name	Not required
GivenName	First name	Not required
FamilyName	Surname	Not required
Street	Address Road	Not required
PostalBox	PO Box 111	Not required
Town	New Town	Not required
StateRegion	County	Not required
PostalCode	AA11 1AA	Not required
Country	Country	Not required
Facility		
Name	Some School	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2015-08-08T11:00:00	Expected
Category	En_25_10_10 : Pre-school educational buildings	Uniclass 2015_Entities
ProjectName	SchoolExtension	Expected
SiteName	SchoolPark	Expected
LinearUnits	Millimetres	Pick List: LinearUnit
AreaUnits	Squaremetres	Pick List: AreaUnit
VolumeUnits	Cubicmetres	Pick List: VolumeUnit
CurrencyUnit	Pounds	Pick List: CurrencyUnit
AreaMeasurement	RICS BCIS	Expected
ExternalSystem	BIM Authoring Application	Application
ExternalProjectObject	IfcProject	Application
ExternalProjectIdentifier	ONG5d_R6T8leptG\$lx7Lx	Application
ExternalSiteObject	IfcSite	Application
ExternalSiteIdentifier	ONG5d_R6T8leptG\$lx7Lv	Application
ExternalFacilityObject	IfcBuilding	Application
ExternalFacilityIdentifier	ONG5d_R6T8leptG\$lx7Lw	Application
Description	Single storey secondary school	Not required
ProjectDescription	New build secondary school	Not required
SiteDescription	Some school, Address Road, New Town, County, AA11 1AA	Not required
Phase	CIC 6:Handover	Not required
Floor		
Name	Level 0	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Floor	Pick List: FloorType
ExtSystem	Authoring Application	Application
ExtObject	IfcBuildingStorey	Application
ExtIdentifier	ONG5d_R6T8leptpGyG4uky	Application
Description	Entrance level	Not required
Elevation	0	Not required
Height	4000	Not required
Space		
Name	101	Expected
CreatedBy	name@email.com	Reference

CreatedOn	2012-12-12T13:29:49	Expected
Category	SL_25_10_14 : Classrooms	Uniclass 2015_Spaces / locations
FloorName	Level 0	Reference
Description	Classroom	Expected
ExtSystem	Authoring Application	Application
ExtObject	IfcSpace	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZm	Application
RoomTag	CL 101	Required
UsableHeight	2955	Required
GrossArea	24.837	Required
NetArea	24.837	Required
Zone	<i>Client to specify how they intend to organise / analyse their spaces</i>	
Name	Teaching	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Occupancy Zone	Pick List : ZoneType
SpaceNames	101, 102, 104	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcZone	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZn	Application
Description	Basic teaching spaces	Not required
Type		
Name	White Board	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Pr_40_30_25_96 : Whiteboards	Uniclass2015_Pr_v1_4
Description	Short Throw Projector	Expected
AssetType	Fixed	Picklist: AssetType
Manufacturer	company@email.com	Not required until RIBA 4
ModelNumber	587	Not required until RIBA 4
WarrantyGuarantorParts	company@email.com	Not required until RIBA 6
WarrantyDurationParts	5	Not required until RIBA 6
WarrantyGuarantorLabor	company@email.com	Not required until RIBA 6
WarrantyDurationLabor	5	Not required until RIBA 6
WarrantyDurationUnit	Year	Not required until RIBA 6
ExtSystem	Authoring Application	Application
ExtObject	IfcFurnitureType	Application
ExtIdentifier	1lTs7lOoDD\$830Kgut03mv	Application
ReplacementCost	2760	Not required
ExpectedLife	15	Not required
DurationUnit	Year	Not required until RIBA 6
WarrantyDescription	Onsite warranty and advanced replacement warranty	Not required
NominalLength	2105	Not required until RIBA 6
NominalWidth	50	Not required until RIBA 6
NominalHeight	1329	Not required until RIBA 6
ModelReference	Short Throw Projector	Not required
Shape	Rectangular	Not required
Size	2105mm x 1329mm	Not required
Color	White Board	Not required
Finish	Matt	Not required
Grade	Tough	Not required
Material	Various	Not required
Constituents	Remote Controller	Not required
Features	Auto-shutdown	Not required
AccessibilityPerformance	Visual impairment adapted	Not required
CodePerformance	Fully Earthed	Not required
SustainabilityPerformance	Low-energy	Not required
Component		
Name	White Board:247849	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
TypeName	White Board	Reference
Space	101	Reference
Description	WhiteBoard in room 101	Expected
ExtSystem	Authoring Application	Application
ExtObject	IfcFurnishingElement	Application
ExtIdentifier	0lTs7lOoDD\$830Kgut03mv	Application
SerialNumber	S4567901	Not required
InstallationDate	2012-12-12T13:29:49	Not required
WarrantyStartDate	2012-12-12T13:29:49	Not required
TagNumber	247849	Not required
BarCode	4567901	Not required
AssetIdentifier	2l7761ec-6323-4dfc-80c0-52ae3703f410	Not required
System		
Name	Circuit 1	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Ss_75_10 Communications systems	Uniclass2015_Ss_v1_4
ComponentNames	WhiteBoard:247849	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcZone	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZn	Application
Description	Small power circuit 1	Required
Assembly	<i>(Optional)</i>	
Name	Floor:Ground Bearing Concrete layer 01	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
AssemblyType	Layer	Pick List : AssemblyType
SheetName	Type	Pick List : SheetType
ParentName	Floor:Ground Bearing Concrete	Reference

ChildNames	Masonry - Concrete Floor Block	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcMaterialLayer	Application
ExtIdentifier	3ITs7iOoDD\$830Kgut03mv	Application
Description	Masonry - Concrete Floor Block:250.	Not required
Document	<i>(Optional)</i>	
Name	Example...	Expected
CreatedBy	Example...	Reference
CreatedOn	Example...	Expected
Category	Example...	Pick List : DocumentType
ApprovalBy	Example...	Reference
Stage	Example...	Reference
SheetName	Example...	Reference
RowName	Example...	Reference
Directory	Example...	Expected
File	Example...	Expected
ExtSystem	Example...	Application
ExtObject	Example...	Application
ExtIdentifier	Example...	Application
Description	Example...	Not required
Reference	Example...	Not required
Attribute	<i>(Not required)</i>	
Name	Weight	Not required until RIBA 6
CreatedBy	company@email.com	Not required until RIBA 6
CreatedOn	2012-12-12T13:29:49	Not required until RIBA 6
Category	Submitted	Not required until RIBA 6
SheetName	Type	Not required until RIBA 6
RowName	White Board	Not required until RIBA 6
Value	40000	Not required until RIBA 6
Unit	kg	Not required until RIBA 6
ExtSystem	Authoring Application	Not required until RIBA 6
ExtObject	IfcPropertySingleValue	Not required until RIBA 6
ExtIdentifier	n/a	Not required until RIBA 6
Description	Installed weight (excluding packaging)	Not required
AllowedValues	n/a	Not required
Coordinate	<i>(Optional)</i>	
Name	Level 1 point	Expected
CreatedBy	company@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	point	Pick List : CoordinateType
SheetName	Floor	Pick List: CoordinateSheet
RowName	Level 1	Reference
CoordinateXAxis	0	Expected
CoordinateYAxis	0	Expected
CoordinateZAxis	4000	Expected
ExtSystem	Authoring Application	Application
ExtObject	IfcBuildingStorey	Application
ExtIdentifier	ONG5d_R6T8letpGyG4uWz	Application
ClockwiseRotation	0	Expected
ElevationalRotation	0	Expected
YawRotation	0	Expected

RIBA Stage 4 and 5 Information Requirements

Deliverable	Suppliers	Comments	Format
Models	Architect, Structural, MEP	3D Models to include spaces, as well as architectural, structural and MEP	Native / IFC
Drawings	All Design Consultants	Initial concept design drawings and sketches	DWG / PDF
COBie	All Design Consultants	COBie data is required for all maintainable assets as per the COBie Data requirements table below.	XLS

Maintainable and non-maintainable Assets

List and classifications tbc

Key	
text	required
text	reference to other sheet or pick list
text	external reference
text	if specified as required
text	secondary information when preparing product data
text	regional, owner, or product specific fields

COBie Data	Example	Notes
Instruction		
Title	COBIE	Expected, fixed
Version	2	Expected, fixed
Release	4	Expected, fixed
Status	ifc2x3	Expected
Region	EN-UK	Expected, fixed
Contact		
Email	name@email.com	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2015-08-08T11:00:00	Expected
Category	A: Architect	Pick List: BS1192 Roles 2007
Company	Company name	Expected
Phone	01 1111 1111111	Expected
ExternalSystem	Authoring Application	Application
ExternalObject	IfcPersonAndOrganisation	Application
ExternalIdentifier	n/a	Application
Department	Standards	Not required
OrganizationCode	Company name	Not required
GivenName	First name	Not required
FamilyName	Surname	Not required
Street	Address Road	Not required
PostalBox	PO Box 111	Not required
Town	New Town	Not required
StateRegion	County	Not required
PostalCode	AA11 1AA	Not required
Country	Country	Not required
Facility		
Name	Some School	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2015-08-08T11:00:00	Expected
Category	En_25_10_10 : Pre-school educational buildings	Uniclass 2015_Entities
ProjectName	SchoolExtension	Expected
SiteName	SchoolPark	Expected
LinearUnits	Millimetres	Pick List: LinearUnit
AreaUnits	Squaremetres	Pick List: AreaUnit
VolumeUnits	Cubicmetres	Pick List: VolumeUnit
CurrencyUnit	Pounds	Pick List: CurrencyUnit
AreaMeasurement	RICS BCIS	Expected
ExternalSystem	BIM Authoring Application	Application
ExternalProjectObject	IfcProject	Application
ExternalProjectIdentifier	ONG5d_R6T8leptpG\$lx7Lx	Application
ExternalSiteObject	IfcSite	Application
ExternalSiteIdentifier	ONG5d_R6T8leptpG\$lx7Lv	Application
ExternalFacilityObject	IfcBuilding	Application
ExternalFacilityIdentifier	ONG5d_R6T8leptpG\$lx7Lw	Application
Description	Single storey secondary school	Not required
ProjectDescription	New build secondary school	Not required
SiteDescription	Some school, Address Road, New Town, County, AA11 1AA	Not required
Phase	CIC 6:Handover	Not required
Floor		
Name	Level 0	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Floor	Pick List: FloorType
ExtSystem	Authoring Application	Application
ExtObject	IfcBuildingStorey	Application
ExtIdentifier	ONG5d_R6T8leptpGyG4uky	Application
Description	Entrance level	Not required
Elevation	0	Not required
Height	4000	Not required
Space		
Name	101	Expected
CreatedBy	name@email.com	Reference

CreatedOn	2012-12-12T13:29:49	Expected
Category	SL_25_10_14 : Classrooms	Uniclass 2015_Spaces / locations
FloorName	Level 0	Reference
Description	Classroom	Expected
ExtSystem	Authoring Application	Application
ExtObject	IfcSpace	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZm	Application
RoomTag	CL 101	Not required
UsableHeight	2955	Not required
GrossArea	24.837	Required
NetArea	24.837	Required
Zone	<i>Client to specify how they intend to organise / analyse their spaces</i>	
Name	Teaching	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Occupancy Zone	Pick List : ZoneType
SpaceNames	101, 102, 104	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcZone	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZn	Application
Description	Basic teaching spaces	Not required
Type		
Name	White Board	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Pr_40_30_25_96 : Whiteboards	Uniclass2015_Pr_v1_4
Description	Short Throw Projector	Expected
AssetType	Fixed	Picklist: AssetType
Manufacturer	company@email.com	Expected
ModelNumber	587	Expected
WarrantyGuarantorParts	company@email.com	Not required until RIBA 6
WarrantyDurationParts	5	Not required until RIBA 6
WarrantyGuarantorLabor	company@email.com	Not required until RIBA 6
WarrantyDurationLabor	5	Not required until RIBA 6
WarrantyDurationUnit	Year	Not required until RIBA 6
ExtSystem	Authoring Application	Application
ExtObject	IfcFurnitureType	Application
ExtIdentifier	1lTs7l0oDD\$830Kgut03mv	Application
ReplacementCost	2760	Not required
ExpectedLife	15	Not required
DurationUnit	Year	Not required until RIBA 6
WarrantyDescription	Onsite warranty and advanced replacement warranty	Not required
NominalLength	2105	Not required until RIBA 6
NominalWidth	50	Not required until RIBA 6
NominalHeight	1329	Not required until RIBA 6
ModelReference	Short Throw Projector	Not required
Shape	Rectangular	Not required
Size	2105mm x 1329mm	Not required
Color	White Board	Not required
Finish	Matt	Not required
Grade	Tough	Not required
Material	Various	Not required
Constituents	Remote Controller	Not required
Features	Auto-shutdown	Not required
AccessibilityPerformance	Visual impairment adapted	Not required
CodePerformance	Fully Earthed	Not required
SustainabilityPerformance	Low-energy	Not required
Component		
Name	White Board:247849	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
TypeName	White Board	Reference
Space	101	Reference
Description	WhiteBoard in room 101	Expected
ExtSystem	Authoring Application	Application
ExtObject	IfcFurnishingElement	Application
ExtIdentifier	0lTs7l0oDD\$830Kgut03mv	Application
SerialNumber	S4567901	Not required
InstallationDate	2012-12-12T13:29:49	Not required
WarrantyStartDate	2012-12-12T13:29:49	Not required
TagNumber	247849	Not required
BarCode	4567901	Not required
AssetIdentifier	2l7761ec-6323-4dfc-80c0-52ae3703f410	Not required
System		
Name	Circuit 1	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Ss_75_10 Communications systems	Uniclass2015_Ss_v1_4
ComponentNames	WhiteBoard:247849	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcZone	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZn	Application
Description	Small power circuit 1	Required
Assembly	<i>(Optional)</i>	
Name	Floor:Ground Bearing Concrete layer 01	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
AssemblyType	Layer	Pick List : AssemblyType
SheetName	Type	Pick List : SheetType
ParentName	Floor:Ground Bearing Concrete	Reference

ChildNames	Masonry - Concrete Floor Block	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcMaterialLayer	Application
ExtIdentifier	3ITs7iOoDD\$830Kgut03mv	Application
Description	Masonry - Concrete Floor Block:250.	Not required
Document	<i>(Optional)</i>	
Name	Example...	Expected
CreatedBy	Example...	Reference
CreatedOn	Example...	Expected
Category	Example...	Pick List : DocumentType
ApprovalBy	Example...	Reference
Stage	Example...	Reference
SheetName	Example...	Reference
RowName	Example...	Reference
Directory	Example...	Expected
File	Example...	Expected
ExtSystem	Example...	Application
ExtObject	Example...	Application
ExtIdentifier	Example...	Application
Description	Example...	Not required
Reference	Example...	Not required
Attribute	<i>(Not required)</i>	
Name	Weight	Not required until RIBA 6
CreatedBy	company@email.com	Not required until RIBA 6
CreatedOn	2012-12-12T13:29:49	Not required until RIBA 6
Category	Submitted	Not required until RIBA 6
SheetName	Type	Not required until RIBA 6
RowName	White Board	Not required until RIBA 6
Value	40000	Not required until RIBA 6
Unit	kg	Not required until RIBA 6
ExtSystem	Authoring Application	Not required until RIBA 6
ExtObject	IfcPropertySingleValue	Not required until RIBA 6
ExtIdentifier	n/a	Not required until RIBA 6
Description	Installed weight (excluding packaging)	Not required
AllowedValues	n/a	Not required
Coordinate	<i>(Optional)</i>	
Name	Level 1 point	Expected
CreatedBy	company@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	point	Pick List : CoordinateType
SheetName	Floor	Pick List: CoordinateSheet
RowName	Level 1	Reference
CoordinateXAxis	0	Expected
CoordinateYAxis	0	Expected
CoordinateZAxis	4000	Expected
ExtSystem	Authoring Application	Application
ExtObject	IfcBuildingStorey	Application
ExtIdentifier	ONG5d_R6T8letpGyG4uWz	Application
ClockwiseRotation	0	Expected
ElevationalRotation	0	Expected
YawRotation	0	Expected

RIBA Stage 6 Information Requirements

Deliverable	Suppliers	Comments	Format
Models	Architect, Structural, MEP	3D Models to include spaces, as well as architectural, structural and MEP	Native / IFC
Drawings	All Design Consultants	Initial concept design drawings and sketches	DWG / PDF
COBie	All Design Consultants	COBie data is required for all maintainable assets as per the COBie Data requirements table below.	XLS

Maintainable and non-maintainable Assets

List and classifications tbc

Key	
text	required
text	reference to other sheet or pick list
text	external reference
text	if specified as required
text	secondary information when preparing product data
text	regional, owner, or product specific fields

COBie Data	Example	Notes
Instruction		
Title	COBIE	Expected, fixed
Version	2	Expected, fixed
Release	4	Expected, fixed
Status	ifc2x3	Expected
Region	EN-UK	Expected, fixed
Contact		
Email	name@email.com	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2015-08-08T11:00:00	Expected
Category	A: Architect	Pick List: BS1192 Roles 2007
Company	Company name	Expected
Phone	01 1111 1111111	Expected
ExternalSystem	Authoring Application	Application
ExternalObject	IfcPersonAndOrganisation	Application
ExternalIdentifier	n/a	Application
Department	Standards	Not required
OrganizationCode	Company name	Not required
GivenName	First name	Not required
FamilyName	Surname	Not required
Street	Address Road	Not required
PostalBox	PO Box 111	Not required
Town	New Town	Not required
StateRegion	County	Not required
PostalCode	AA11 1AA	Not required
Country	Country	Not required
Facility		
Name	Some School	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2015-08-08T11:00:00	Expected
Category	En_25_10_10 : Pre-school educational buildings	Uniclass 2015_Entities
ProjectName	SchoolExtension	Expected
SiteName	SchoolPark	Expected
LinearUnits	Millimetres	Pick List: LinearUnit
AreaUnits	Squaremetres	Pick List: AreaUnit
VolumeUnits	Cubicmetres	Pick List: VolumeUnit
CurrencyUnit	Pounds	Pick List: CurrencyUnit
AreaMeasurement	RICS BCIS	Expected
ExternalSystem	BIM Authoring Application	Application
ExternalProjectObject	IfcProject	Application
ExternalProjectIdentifier	0NG5d_R6T8leptpG\$lx7Lx	Application
ExternalSiteObject	IfcSite	Application
ExternalSiteIdentifier	0NG5d_R6T8leptpG\$lx7Lv	Application
ExternalFacilityObject	IfcBuilding	Application
ExternalFacilityIdentifier	0NG5d_R6T8leptpG\$lx7Lw	Application
Description	Single storey secondary school	Not required
ProjectDescription	New build secondary school	Not required
SiteDescription	Some school, Address Road, New Town, County, AA11 1AA	Not required
Phase	CIC 6:Handover	Not required
Floor		
Name	Level 0	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Floor	Pick List: FloorType
ExtSystem	Authoring Application	Application
ExtObject	IfcBuildingStorey	Application
ExtIdentifier	0NG5d_R6T8leptpGyG4uky	Application
Description	Entrance level	Not required
Elevation	0	Not required
Height	4000	Not required
Space		
Name	101	Expected
CreatedBy	name@email.com	Reference

CreatedOn	2012-12-12T13:29:49	Expected
Category	SL_25_10_14 : Classrooms	Uniclass 2015_Spaces / locations
FloorName	Level 0	Reference
Description	Classroom	Expected
ExtSystem	Authoring Application	Application
ExtObject	IfcSpace	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZm	Application
RoomTag	CL_101	Required
UsableHeight	2955	Required
GrossArea	24.837	Required
NetArea	24.837	Required
Zone	<i>Client to specify how they intend to organise / analyse their spaces</i>	
Name	Teaching	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Occupancy Zone	Pick List : ZoneType
SpaceNames	101, 102, 104	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcZone	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZn	Application
Description	Basic teaching spaces	Not required
Type		
Name	White Board	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Pr_40_30_25_96 : Whiteboards	Uniclass2015_Pr_v1_4
Description	Short Throw Projector	Expected
AssetType	Fixed	Picklist: AssetType
Manufacturer	company@email.com	Expected
ModelNumber	587	Expected
WarrantyGuarantorParts	company@email.com	Reference
WarrantyDurationParts	5	Expected
WarrantyGuarantorLabor	company@email.com	Reference
WarrantyDurationLabor	5	Expected
WarrantyDurationUnit	Year	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcFurnitureType	Application
ExtIdentifier	1ITs7lOoDD\$830Kgut03mv	Application
ReplacementCost	2760	Not required
ExpectedLife	15	Not required
DurationUnit	Year	Expected
WarrantyDescription	Onsite warranty and advanced replacement warranty	Not required
NominalLength	2105	Expected
NominalWidth	50	Expected
NominalHeight	1329	Expected
ModelReference	Short Throw Projector	Not required
Shape	Rectangular	Not required
Size	2105mm x 1329mm	Not required
Color	White Board	Not required
Finish	Matt	Not required
Grade	Tough	Not required
Material	Various	Not required
Constituents	Remote Controller	Not required
Features	Auto-shutdown	Not required
AccessibilityPerformance	Visual impairment adapted	Not required
CodePerformance	Fully Earthed	Not required
SustainabilityPerformance	Low-energy	Not required
Component		
Name	White Board:247849	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
TypeName	White Board	Reference
Space	101	Reference
Description	WhiteBoard in room 101	Expected
ExtSystem	Authoring Application	Application
ExtObject	IfcFurnishingElement	Application
ExtIdentifier	0ITs7lOoDD\$830Kgut03mv	Application
SerialNumber	S4567901	Not required
InstallationDate	2012-12-12T13:29:49	Not required
WarrantyStartDate	2012-12-12T13:29:49	Not required
TagNumber	247849	Not required
BarCode	4567901	Not required
AssetIdentifier	2f7761ec-6323-4dfc-80c0-52ae3703f410	Not required
System		
Name	Circuit 1	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Ss_75_10 Communications systems	Uniclass2015_Ss_v1_4
ComponentNames	WhiteBoard:247849	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcZone	Application
ExtIdentifier	3PbU3l0k5FVO3gc98VQGZn	Application
Description	Small power circuit 1	Required
Assembly	<i>(Optional)</i>	
Name	Floor:Ground Bearing Concrete layer 01	Expected
CreatedBy	name@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
AssemblyType	Layer	Pick List : AssemblyType
SheetName	Type	Pick List : SheetType
ParentName	Floor:Ground Bearing Concrete	Reference

ChildNames	Masonry - Concrete Floor Block	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcMaterialLayer	Application
ExtIdentifier	3ITs7iOoDD\$830Kgut03mv	Application
Description	Masonry - Concrete Floor Block:250.	Not required
Document	<i>(Optional)</i>	
Name	Example...	Expected
CreatedBy	Example...	Reference
CreatedOn	Example...	Expected
Category	Example...	Pick List : DocumentType
ApprovalBy	Example...	Reference
Stage	Example...	Reference
SheetName	Example...	Reference
RowName	Example...	Reference
Directory	Example...	Expected
File	Example...	Expected
ExtSystem	Example...	Application
ExtObject	Example...	Application
ExtIdentifier	Example...	Application
Description	Example...	Not required
Reference	Example...	Not required
Attribute	<i>(Not required)</i>	
Name	Weight	Expected
CreatedBy	company@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	Submitted	Reference
SheetName	Type	Reference
RowName	White Board	Reference
Value	40000	Expected
Unit	kg	Reference
ExtSystem	Authoring Application	Application
ExtObject	IfcPropertySingleValue	Application
ExtIdentifier	n/a	Application
Description	Installed weight (excluding packaging)	Not required
AllowedValues	n/a	Not required
Coordinate	<i>(Optional)</i>	
Name	Level 1 point	Expected
CreatedBy	company@email.com	Reference
CreatedOn	2012-12-12T13:29:49	Expected
Category	point	Pick List : CoordinateType
SheetName	Floor	Pick List: CoordinateSheet
RowName	Level 1	Reference
CoordinateXAxis	0	Expected
CoordinateYAxis	0	Expected
CoordinateZAxis	4000	Expected
ExtSystem	Authoring Application	Application
ExtObject	IfcBuildingStorey	Application
ExtIdentifier	ONG5d_R6T8letpGyG4uWz	Application
ClockwiseRotation	0	Expected
ElevationalRotation	0	Expected
YawRotation	0	Expected