



How software can address ISO 19650 and streamline your path to BIM Level 2 accreditation

Alec Milton – on behalf of Digital Documents



- Based in Kings Cross London
- Planned to use Revit more and achieve BIM Level 2 accreditation
- They also wanted to *“...to put an end to manual errors arising from the creation and printing of sheets from the software, the practice of manual file-naming, the potential clutter and confusion around transmittals, and the waste of time all these issues involved.”*

Tzeh Bin Cheong, Associate Director, SEH



240
man-days
/year

“It has taken an enormous weight off the shoulders of our architects, enabling them to focus on creativity rather than administration. Everything is now in place to ensure errors never leave the building. In fact, they’re also far less likely to occur within the building.”

“I’d estimate that with Excitech DOCS alone we are now saving four hours per person, per week. Across 10 core users that mounts up to 160 hours per month, or 20 person-days. It’s a better result than we could ever have hoped for,”

Tzeh Bin Cheong, Associate Director, SHE

Creating sheets

Autodesk Revit 2020 - Not For Resale Version - J0933-EXC-ZZ-M3-A-0001.rte - 3D View: [3D]

File Architecture Structure Steel Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins Excitech DOCS Modify

New Sheet Publish Sheets View in Excitech DOCS Browse Excitech DOCS Vault

Properties

3D View

3D View: [3D] Edit Type

Graphics

View Scale 1:100

Scale Value 1:100

Detail Level Medium

Parts Visibility Show Original

Visibility/Grap... Edit...

Graphic Displ... Edit...

Discipline Architectural

Show Hidden ... By Discipline

Default Analy... None

Sun Path

Extents

Crop View

Crop Region ...

Annotation Cr...

Project Browser - J0933-EXC-ZZ-M...

Site

Site showing existing

TOF

TOW

TOW Centre

U/S ROOF

Ceiling Plans

3D Views

Elevations (12mm Circle)

Sections (Building Section)

Renderings

Drafting Views (Detail)

Legends

Schedules/Quantities (all)

Sheets (all)

0001 - Ground Floor Plan

0002 - First Floor Plan

0003 - Ground Floor Rooms

Families

Groups

Revit Links

Create New Revit Sheet

(automatic)

From template: BIM Standard - Revit 2019 EXC-A1.pdf

Class* Drawing

New Document

Document Number* (automatic)

Project ID* J0933 - Chopin Music School

Company ID* Excitech Ltd

Description* First Floor Rooms

Title 1 First Floor Rooms

Title 2 ---

Title 3 ---

Volume ID* ---

Level ID* ---

Type ID* Please select a Project ID to see availableLevels

Role ID* ---

Drawn By Steve Grainger

Revision Details ---

Add property

Full control for all internal users

CDE WIP

WIP

Check in immediately

Create Cancel

Click to select, TAB for alternates, CTRL adds, SHIFT unselects.

Type here to search

20:17 17/09/2019

Publishing sheets

Autodesk Revit 2020 - Not For Resale Version - J0933-EXC-ZZ-M3-A-0001.rvt - Sheet: 0004 - First Floor Rooms

File Architecture Structure Steel Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins Excitech DOCS Modify

New Sheet Publish Sheets View in Excitech DOCS Browse Excitech DOCS Synchronise to Excitech DOCS Synchronise from Excitech DOCS Edit Properties Show History New Central Model Local Model Publish Model to Excitech DOCS

Reconnect Settings About Vault: 4.1 Demo - Steve Grainger

Properties Sheet

Sheet: First Floor Roo Edit Type

Graphics Visibility/Graphic Edit... Scale 1:100

Text

APPBY APPDATE CHECKBY CHECKDATE CLIENT Gloucester Co... DRAWBY SG DRAWDATE 17/09/2019 DRAWING_N... J0933-EXC-ZZ-... PROJECT1 PROJECT2 PROJECTNUM... J0933

Properties help Apply

Project Browser - J0933-EXC-ZZ-...

Views (all)

Floor Plans

- 1-50 FIRST FLOOR
- 1-50 GROUND FLOOR
- 1-100 FIRST FLOOR
- 1-100 FIRST FLOOR ROOM
- 1-100 GROUND FLOOR
- 1-100 GROUND FLOOR ROOM
- FFL 1
- FFL G
- FFLG Steel Layout
- Site
- Site showing existing
- TOF
- TOW
- TOW Centre
- U/S ROOF

Ceiling Plans

3D Views

Elevations (12mm Circle)

Sections (Building Section)

0001 - Ground Floor Plan (3D) 0004 - First Floor Rooms

1 FIRST FLOOR 1:100

00 - WOP Gloucester County Council (J0933) Chapel House School First Floor Rooms

excitech

Click to select, TAB for alternates, CTRL adds, SHIFT unselects.

Type here to search

20:19 17/09/2019

Assembling a transmittal

Published

← → ↑ ↓ This PC > M-Files (Y:) > 4.1 Demo - Steve Grainger > 00 - Project Documents > 00 - My Projects > J0933 - Chopin Music School > Published

Search M-Files (Y:) 🔍

excitech < >

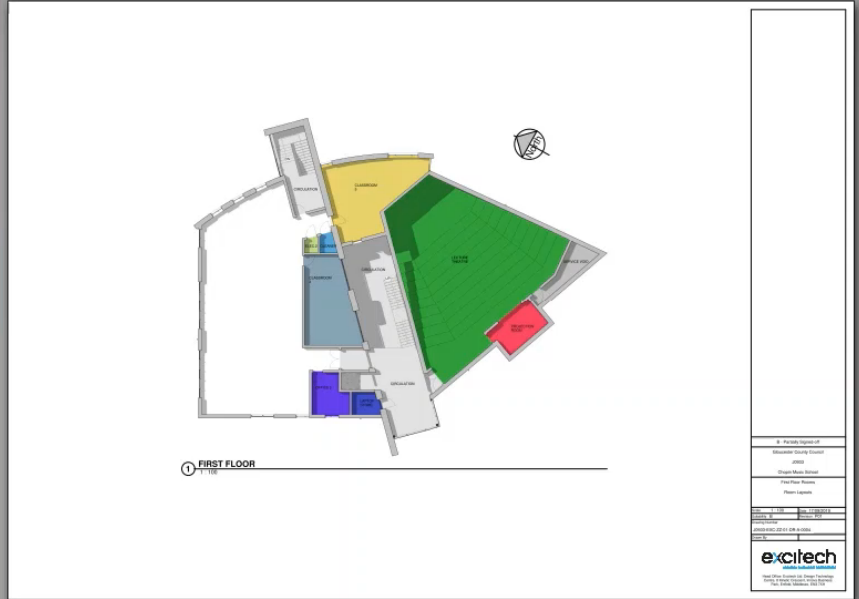
4.1 Demo - Steve Grainger > 00 - Project Documents > 00 - My Projects > J0933 - Chopin Music School > Published

Create Home Recent Assigned Favorites Metadata Preview Filters Steve Grainger Pinned

Search 🔍

Name	Ext	Type ID	Description	Re...	Class	Suitability	State	Workflow Area	Date
J0933-EXC-ZZ-01-DR-A-0004_B-P01	DWG	DR - 2D Drawing	First Floor Rooms	P01	Drawing	B	PUBLISHED	Published	17/09/2019
J0933-EXC-ZZ-01-DR-A-0004_B-P01.dwf									17/09/2019
J0933-EXC-ZZ-01-DR-A-0004_B-P01.dwg									17/09/2019
J0933-EXC-ZZ-01-DR-A-0004_B-P01.pdf									17/09/2019

- > Approver (1)
- > Company ID (1)
- > Level ID (1)
- > Project ID (1)
- > Role ID (1)
- > Type ID (1)
- > Volume ID (1)



84.10 x 59.41 cm

4 items 1 item selected

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10:28 18/09/2019

Extranet upload

Recently Accessed by Me

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Create Home Recent Assigned Favorites

Metadata Preview Extranet Filters

Steve Grainger Pinned

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Name	Ext	Description	State	Revision	Suitability	Size
J0933-EXC-ZZ-00-DR-A-0003_S4-P03	PDF	Ground Floor Rooms	SHARED	P03	S4	
Lucy Rogers	-	-	-	-	-	
J0933-TRA-Plans-00_009	ZIP	-	-	-	-	
J0933-TRA-Plans-00_009.pdf						4
J0933-TRA-Plans-00_009.zip						1,05
Type ID (1)						
Project ID (1)						
Issued To (4)						
Issued By (1)						
Documents (3)						
J0933-EXC-ZZ-ZZ-M3-A-0001	RTE	Model file	WIP	P01.01	S0	
J0927-DR-A-First Floor Plan-003	DWG	First Floor Plan	WIP	04.01	WIP	
J0933-EXC-ZZ-01-DR-A-0004_B-P01	DWG	First Floor Rooms	PUBLISHED	P01	B	
J0933-EXC-ZZ-01-DR-A-0004	PDF	First Floor Rooms	WIP Approved	P01.02	S0	
J0927-DR-A-Second Floor Plan-008	DWG	Second Floor Plan	WIP	05.01	WIP	

10 items 1 item selected

J0933-TRA-Plans-00_009

Document ID 2385 Version 23

Created 09/08/2019 15:17 Steve Grainger
Last modified 18/09/2019 10:30 Steve Grainger

Class* Transmittal
Issue Ref 009

Transmittal

Transmittal Ref* J0933-TRA-Plans-00_009
Project ID J0933 - Chopin Music School
Issue Type Plans
Issued For IN = Information
Type ID TR - Transmittals

Issued

Issued To Felicity Paskin
Giles Horton
Lucy Rogers
Sarah Pierce

Issued By Steve Grainger

Issued Date 18/09/2019

Add property

Full control for all internal users

Email management

The screenshot displays the Microsoft Outlook interface with a focus on an email thread. The left sidebar shows the 'Steve's inbox' with 5 items. The main pane shows an email from Charlie Checker to Steven Grainger, forwarded from Helen Mitchell. The email content discusses switching document receipt from email to extranet.

FW: Change to method of receipt

Charlie Checker <charlie.checker@outlook.com>
To: Steven Grainger
Thu 27/06/2019 14:16

You replied to this message on 24/07/2019 11:27.

Hi Steve,

Helen is asking to switch their document receipt from email to extranet. Could you please confirm that you are happy for me to make this change.

Regards
Charlie

From: Helen Mitchell <helen.jmitchell@outlook.com>
Sent: 27 June 2019 14:10
To: charlie.checker@outlook.com
Subject: Change to method of receipt

Hello Charlie,

Following a meeting either this week, we would now prefer to receive documents via extranet so could you please update your records and ensure that future document sets are both posted to the project extranet and that we cease to receive them via email.

Regards
Helen Mitchell
Building Control Officer
Gloucester County Council

FW: Change to method of receipt

Charlie Checker <charlie.checker@outlook.com>
To: Steven Grainger
Thu 27/06/2019 14:16

You replied to this message on 24/07/2019 11:27.

Hi Steve,

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Regards
Charlie

From: Helen Mitchell <helen.jmitchell@outlook.com>
Sent: 27 June 2019 14:10
To: charlie.checker@outlook.com
Subject: Change to method of receipt

Hello Charlie,

The right sidebar shows a list of projects under 'Excitech DOCS Mail'.

- 30927 - Spangle Court**
Group: 4.1 Demo - Steve Grainger
Suggested
- P0933 - Chopin Music School**
Group: 4.1 Demo - Steve Grainger
Last Used: 13 minutes ago
- 01 - GDPR Pilot project**
Group: Projects HTTPS
Last Used: Never
- 43589 - Meridian upgrade and mobile viewing**
Group: Projects HTTPS
Last Used: Never
- 90028 - Excitech DOCS**
Group: Projects HTTPS
Last Used: Never
- 90055 - Requirements Workshops and URS Documentation**
Group: Projects HTTPS
Last Used: Never
- 90066 - JV Project move / Publisher Server rebuild**
Group: Projects HTTPS
Last Used: Never
- 90072 - M&S Renewal plus upgrade**
Group: Projects HTTPS
Last Used: Never
- 90281 - Meridian 2016 Upgrade**
Group: Projects HTTPS
Last Used: Never
- 91005 - Meridian Vault Restructure**
Group: Projects HTTPS
Last Used: Never
- 91051 - Barnards Castle (GSK)**
Group: Projects HTTPS
Last Used: Never
- 91318 - Meridian 2017 Iterative**

Geolocation of photos

WIP

← → ↻ ⬆ ⬇ > This PC > M-Files (Y:) > 4.1 Demo - Steve Grainger > 00 - Project Documents > 00 - My Projects > J0933 - Chopin Music School > WIP

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4.1 Demo - Steve Grainger > 00 - Project Documents > 00 - My Projects > J0933 - Chopin Music School > WIP

Create Home Recent Assigned Favorites

Metadata Preview Workflow Extranet Filters

Steve Grainger Pinned

Search

Name	Ext	Type ID	Description	Revision	Class	Suitability	State	Workflow Area	Date Modified
J0933-000001	JPG	DP - Digital Photo		-	Digital Photo	Released	Released	WIP	06/08/2019 13:36
J0933-EXC-ZZ-00-DR-A-0003	PDF	DR - 2D Drawing	Ground Floor Rooms	P03.01	Drawing	S0	WIP Approved	WIP	09/08/2019 16:07
J0933-EXC-ZZ-01-DR-A-0002	PDF	DR - 2D Drawing	First Floor Plan	P03.01	Drawing	S0	WIP Approved	WIP	09/08/2019 16:07
J0933-EXC-ZZ-00-DR-A-0001	PDF	DR - 2D Drawing	Ground Floor Plan	P03.01	Drawing	S0	WIP Approved	WIP	09/08/2019 16:06
J0933-EXC-ZZ-01-DR-A-0004	PDF	DR - 2D Drawing	First Floor Rooms	P01.01	Drawing	S0	WIP	WIP	13/09/2019 16:23
J0933-EXC-ZZ-M3-A-0001	RTE	M3 - 3D Model File	Model file	P01.01	Model	S0	WIP	WIP	13/09/2019 16:19

6 items 1 item selected

Type here to search

16:43 13/09/2019