

Glass look alike panel

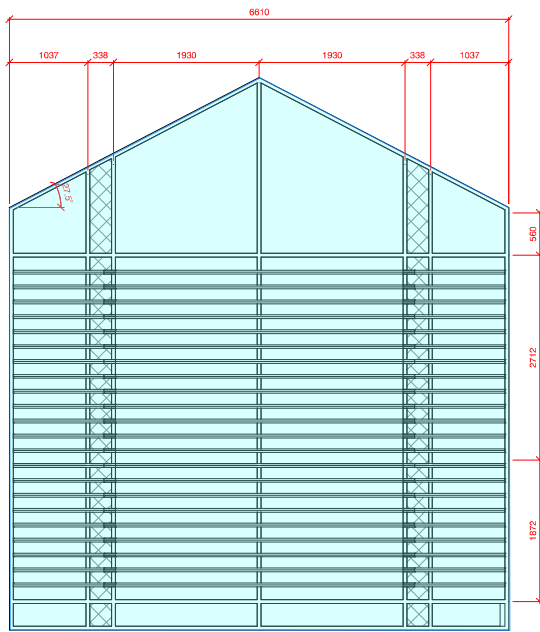
Opening lights to be confirmed by TB&A, subject to natural ventilation requirements.

All doors to achieve min. 800mm clear escape width.

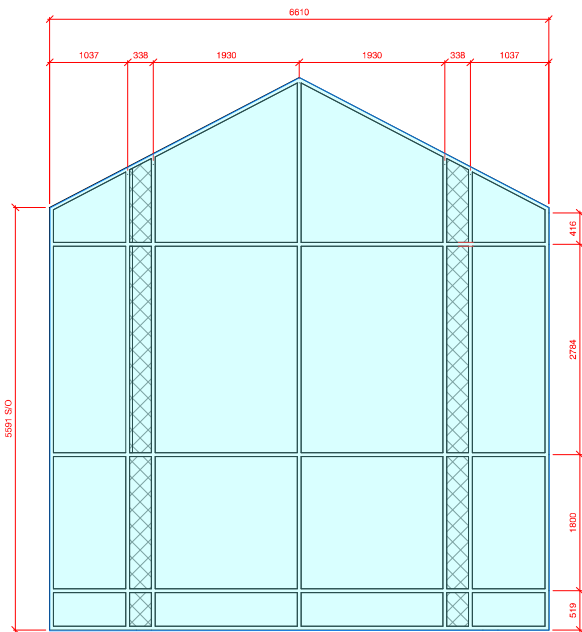
To be read in conjunction with technical elevations and setting out floor plans.

CW Schedule	
Mark	Type Mark
GFCW01	CW Type 9a
GFCW02	CW Type 8
GFCW03	CW Type 5
GFCW04	CW Type 7
GFCW05	CW Type 9b
GFCW06	CW Type 15
GFCW07	CW Type 16
GFCW08	CW Type 18
GFCW09	CW Type 17
GFCW10	CW Type 16
GFCW11	CW Type 18
GFCW12	CW Type 17
GFCW13	CW Type 19
GFCW14	CW Type 10
GFCW15	CW Type 7
GFCW16	CW Type 6
GFCW17	CW Type 7
GFCW18	CW Type 10
GFCW19	CW Type 20
GFCW22	CW Type 20

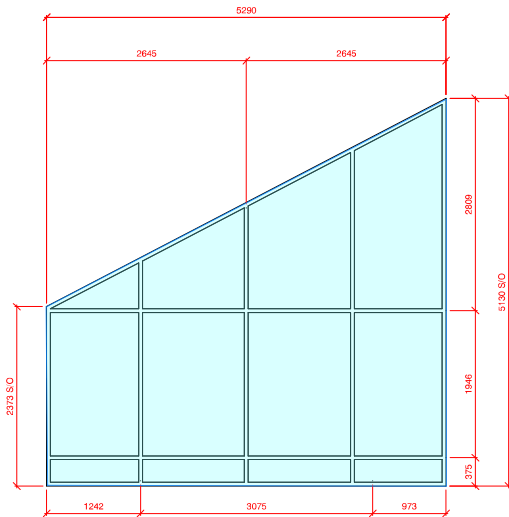
CW Schedule	
Mark	Type Mark
GFCW23	CW Type 15
GFCW24	CW Type 24
02CW01	CW Type 4
02CW02	CW Type 1
02CW03	CW Type 3
02CW04	CW Type 11
02CW05	CW Type 12
02CW06	CW Type 12
02CW07	CW Type 12
02CW08	CW Type 12
02CW09	CW Type 12
02CW10	CW Type 12
02CW11	CW Type 14
02CW12	CW Type 4
02CW13	CW Type 2
02CW14	CW Type 3
02CW15	CW Type 14a
02CW16	CW Type 12
02CW17	CW Type 13d
02CW18	CW Type 13d
02CW19	CW Type 13a
02CW20	CW Type 13b
02CW21	CW Type 13c
02CW22	CW Type 11



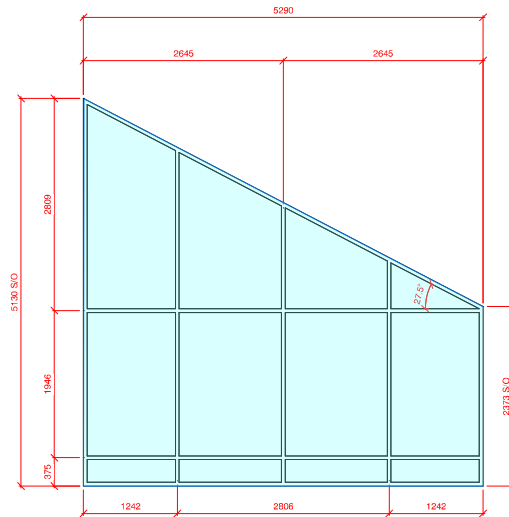
CW Type 1



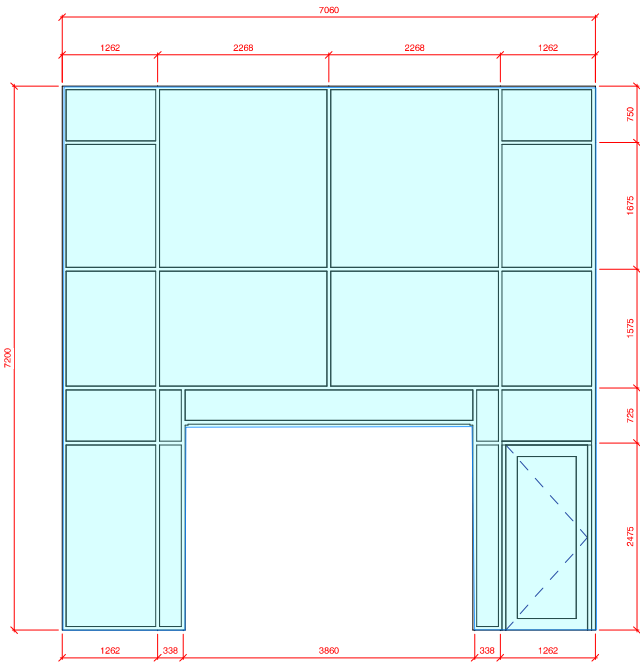
CW Type 2



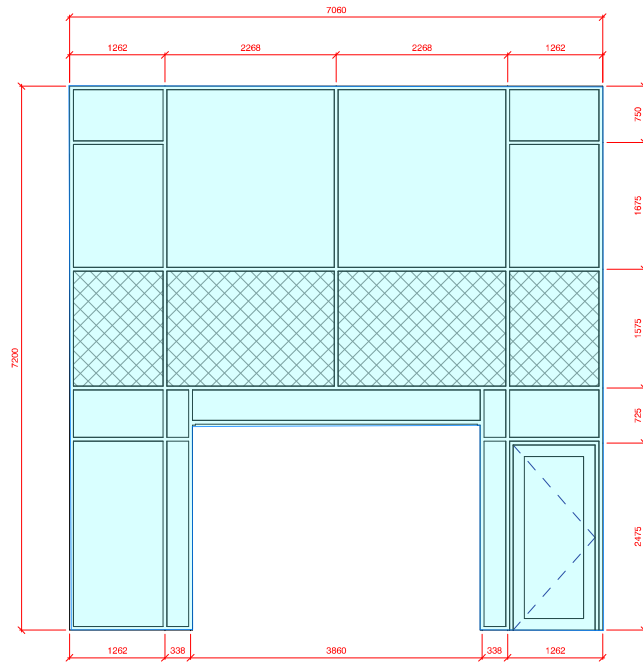
CW Type 3



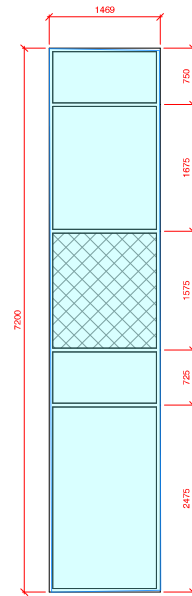
CW Type 4



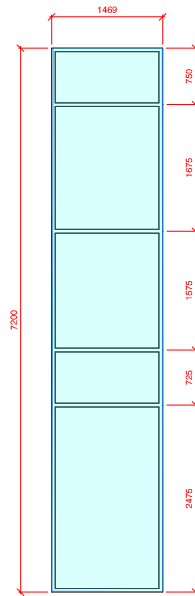
CW Type 5



CW Type 6



Type 7



CW Type 8

FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR

A	C119	15/08/18	FINAL CONSTRUCTION
A5	C115	06/03/18	Dimensions amended to coordinate with AB Glass drawings
S1	P33	01/11/16	Look-a-like panel added to screens adjacent to main entrance - Screen Types 7 and 9b created
S1	P32	25/10/16	Stage 5 Issue. Drawing number amended to new format.
S2	P5	13/05/16	Building Regulation Application Issue
S0	P4.9	09/05/16	First issue

STATUS	REV	DATE	DESCRIPTION	REVISED BY
CLIENT				MGL
University of Wales Trinity Saint David				CHECKED BY
				AMW
				ORIGINATOR NO
				70266_02

CONSULTANT

STRIDE TREGLOWN

www.stridetreglown.com © Stride Treglown Limited 2016

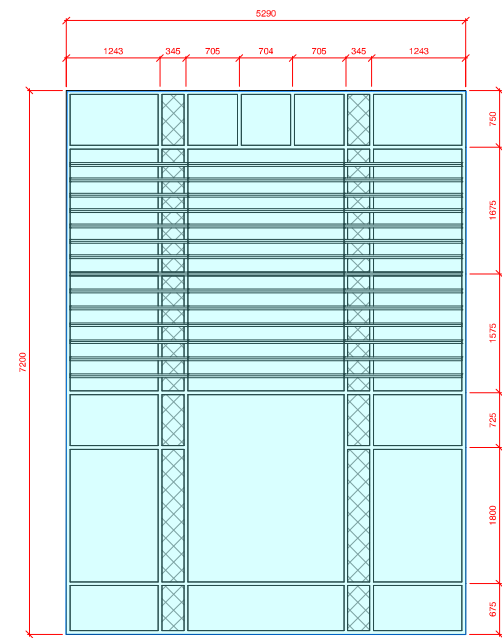
PROJECT

UWTSD Library
University of Wales Trinity Saint David
Swansea
SA1

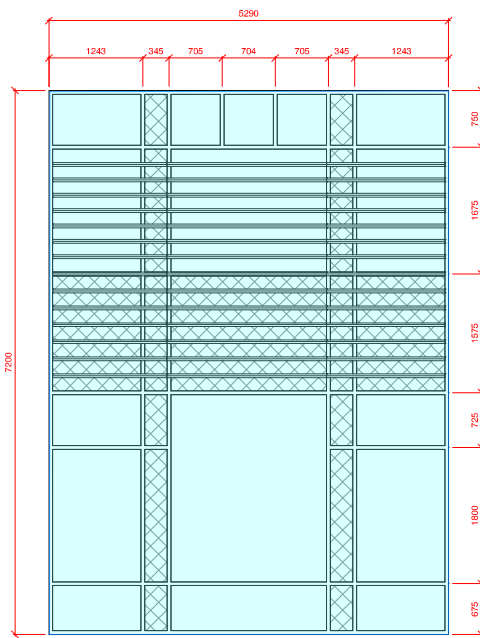
DRAWING TITLE

Curtain Wall Elevations Sheet 1

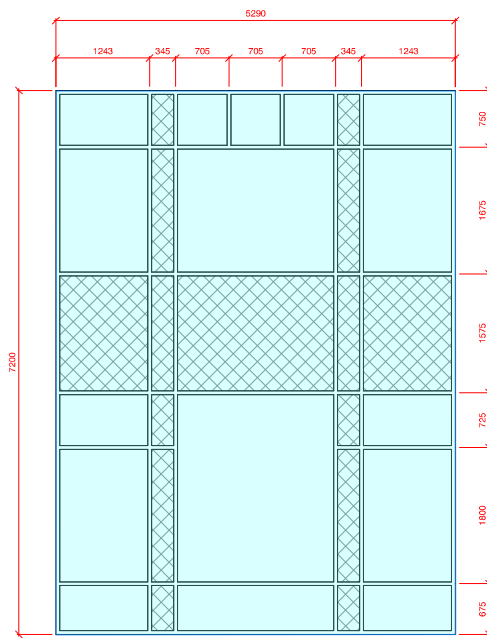
SUITABILITY STATUS	SCALE
A : FINAL CONSTRUCTION	As indicated @ A1
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER	REVISION
UWTSD-STL-04-ZZ-DR-A-ZZZZ-64D01	C119



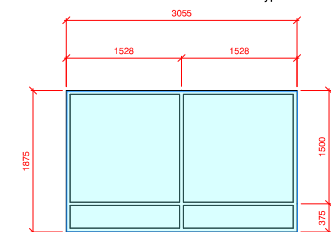
CW Type 9a



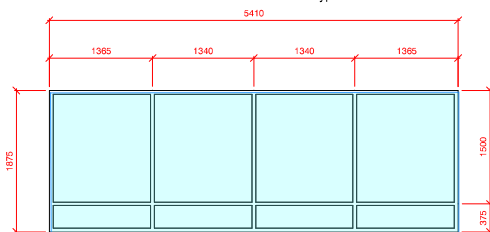
CW Type 9b



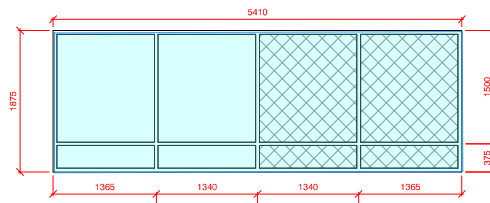
CW Type 10



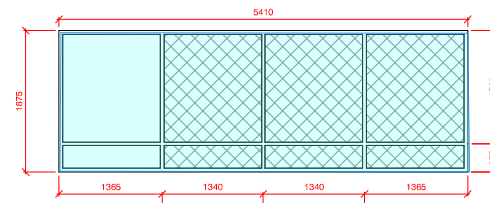
CW Type 11



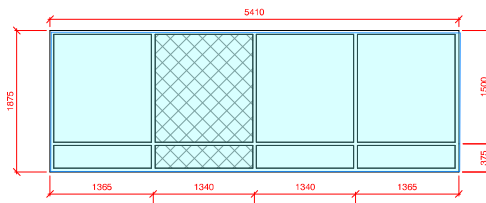
CW Type 12



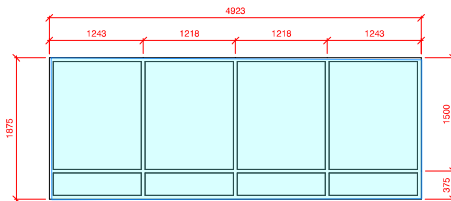
CW Type 13a



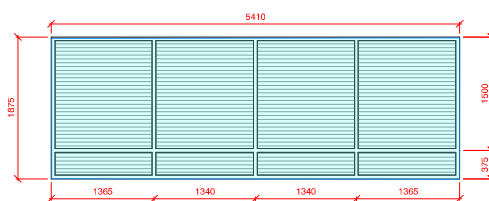
CW Type 13b



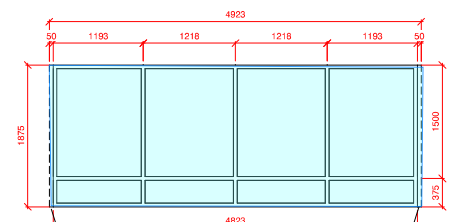
CW Type 13c



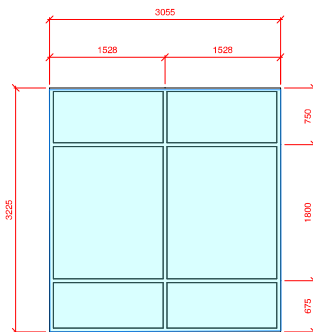
CW Type 14



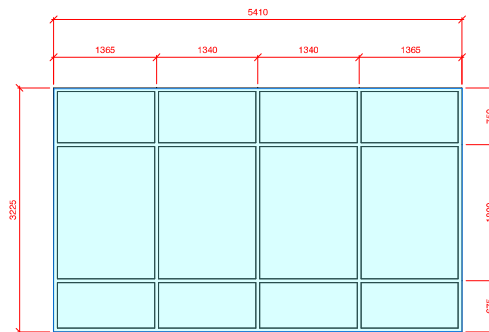
CW Type 13d



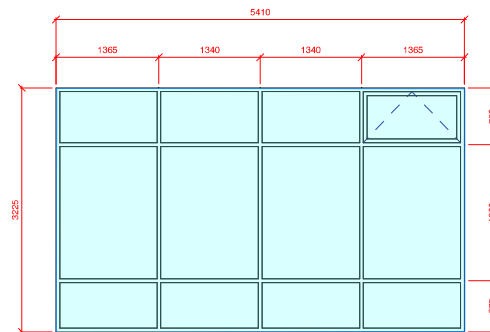
CW Type 14a



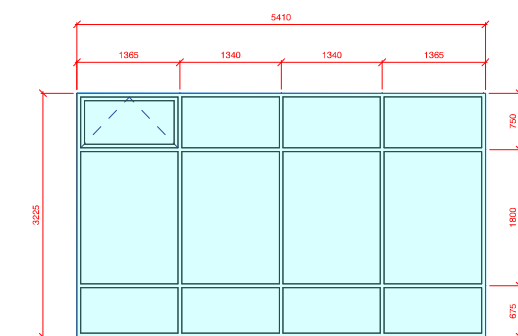
CW Type 15



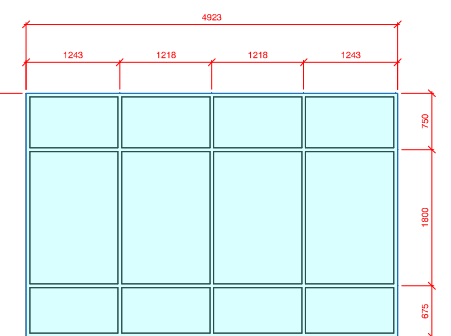
CW Type 16



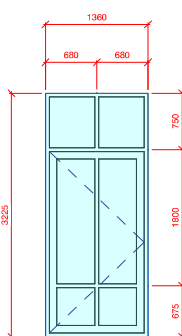
CW Type 17



CW Type 18



CW Type 21

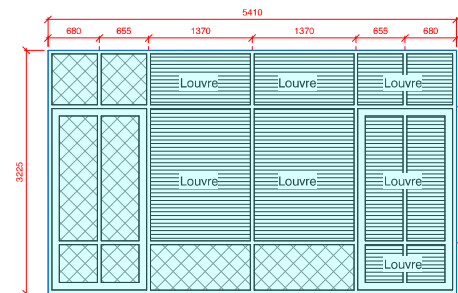


CW Type 20

CW Type 21 (Omitted)

CW Type 22 (Omitted)

CW Type 23 (Omitted)



CW Type 24

Glass look alike panel

Opening lights to be confirmed by TB&A, subject to natural ventilation requirements.

All doors to achieve min. 800mm clear escape width.

To be read in conjunction with technical elevations and setting out floor plans.

CW Schedule	
Mark	Type Mark
GFCW01	CW Type 9a
GFCW02	CW Type 8
GFCW03	CW Type 5
GFCW04	CW Type 7
GFCW05	CW Type 9b
GFCW06	CW Type 15
GFCW07	CW Type 16
GFCW08	CW Type 18
GFCW09	CW Type 17
GFCW10	CW Type 16
GFCW11	CW Type 18
GFCW12	CW Type 17
GFCW13	CW Type 19
GFCW14	CW Type 10
GFCW15	CW Type 7
GFCW16	CW Type 6
GFCW17	CW Type 7
GFCW18	CW Type 10
GFCW19	CW Type 20
GFCW22	CW Type 20

CW Schedule	
Mark	Type Mark
GFCW23	CW Type 15
GFCW24	CW Type 24
02CW01	CW Type 4
02CW02	CW Type 1
02CW03	CW Type 3
02CW04	CW Type 11
02CW05	CW Type 12
02CW06	CW Type 12
02CW07	CW Type 12
02CW08	CW Type 12
02CW09	CW Type 12
02CW10	CW Type 12
02CW11	CW Type 14
02CW12	CW Type 4
02CW13	CW Type 2
02CW14	CW Type 3
02CW15	CW Type 14a
02CW16	CW Type 12
02CW17	CW Type 13d
02CW18	CW Type 13d
02CW19	CW Type 13a
02CW20	CW Type 13b
02CW21	CW Type 13c
02CW22	CW Type 11

FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR

A	C119	15/08/18	FINAL CONSTRUCTION
A5	C115	06/03/18	Elevations amended to coordinate with curtain wall supplier
A5	C21	10/05/17	Additional window type added 14a
A5	C20	02/05/17	Additional curtain wall type added
S1	P33	01/11/16	Look-a-like panel added to screens adjacent to main entrance - Screen Types 7 and 9b created
S1	P32	25/10/16	Stage 5 Issue. Drawing number amended to new format.
S2	P5	13/05/16	Building Regulation Application Issue
S0	P4.9	09/05/16	First issue

STATUS	REV	DATE	DESCRIPTION	REVISD BY
CLIENT				MGL
University of Wales Trinity Saint David				CHECKED BY
				AMW
				ORIGINATOR NO
				70266_02

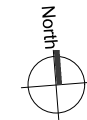
CONSULTANT
STRIDE TREGLOWN
www.stride-treglown.com © Stride Treglown Limited 2016
PROJECT
UWTS Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE
Curtain Wall Elevations Sheet 2

SUITABILITY STATUS A : FINAL CONSTRUCTION	SCALE As indicated @ A1
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER UWTS-STL-04-ZZ-DR-A-ZZZZ-64D02	REVISION C119

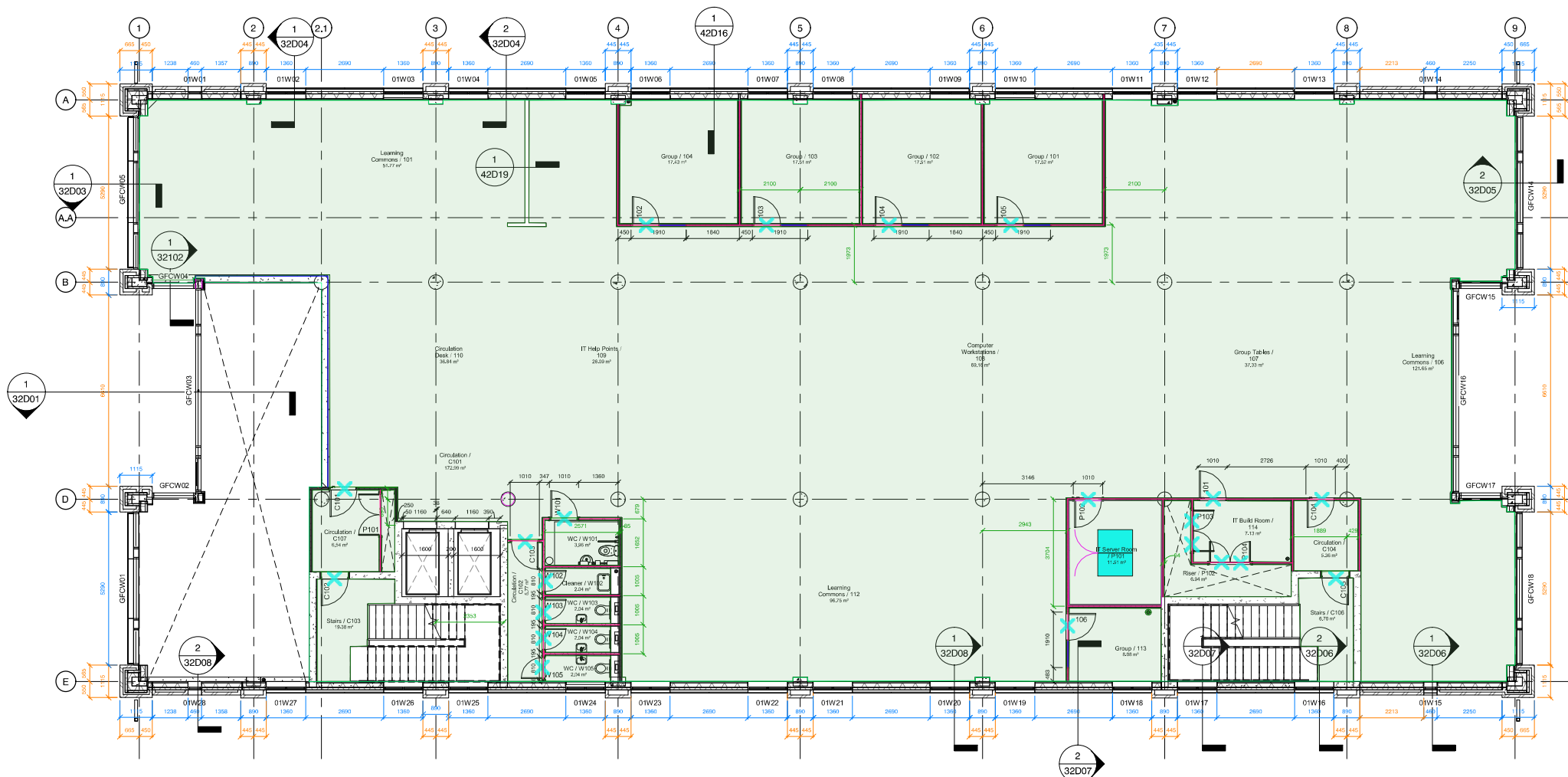
	BALASTRADE	11.92	Mt
	GIFA	852.40	SqMt
	INTERNAL AREA	795.03	SqMt
X	INTERNAL DOORS	21.00	Ea
	INTERNAL GLAZING SCREEN	4.41	Mt
	INTERNAL WALLS	94.24	Mt
	Teaching Rooms 1st floor	68.82	SqMt

Responsibility is not accepted for errors made by others in scaling from this drawing.
All construction information should be taken from figured dimensions only.



Key:

- Internal critical dimensions
- Internal partitions setting out to centre of wall
- External wall setting out - to brick dimensions
- External wall setting out - not to brick dimensions
- Slab penetrations setting out to centre
- Openings set out from grid lines



FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR

A	C119	15/08/18	FINAL CONSTRUCTION
A5	C111	08/02/18	Encasement added to column and soil pipe. Quiet rooms door changed to type 5C
A5	C96	24/08/17	FACE/Tech and Library upper floor CAD plans issued to Kier
A5	C32	04/08/17	Internal doors/screens amended. Partition and door locations amended.
A5	C23	16/05/17	Slot windows changed to 450mm structural opening width
A5	C21	10/05/17	Internal door and screen numbers amended
A5	C06	13/01/17	Dimensions to lift door opening added to plan. Issued for construction
S1	P34	10/11/16	Stage 5 Issue. Lift amended to contractors information
S1	P30	07/10/16	General update issue. Drawing number amended to new format
S1	P10	26.08.16	Stage 4 Issue

STATUS	REV	DATE	DESCRIPTION	REVISED BY
CLIENT				MGL
University of Wales Trinity Saint David				CHECKED BY
				Anthony Walsh
				ORIGINATOR NO
				70266_02

CONSULTANT
STRIDE TREGLOWN
www.stridetreglown.com © Stride Treglown Limited 2016
PROJECT
UWTS Library
University of Wales Trinity Saint David
Swansea
SA1

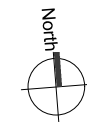
DRAWING TITLE
First Floor Plan

SUITABILITY STATUS A : FINAL CONSTRUCTION	SCALE As indicated @ A1
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER UWTS-STL-04-01-DR-A-ZZZZ-11D02	REVISION C119

1 First Floor Plan
1 : 100

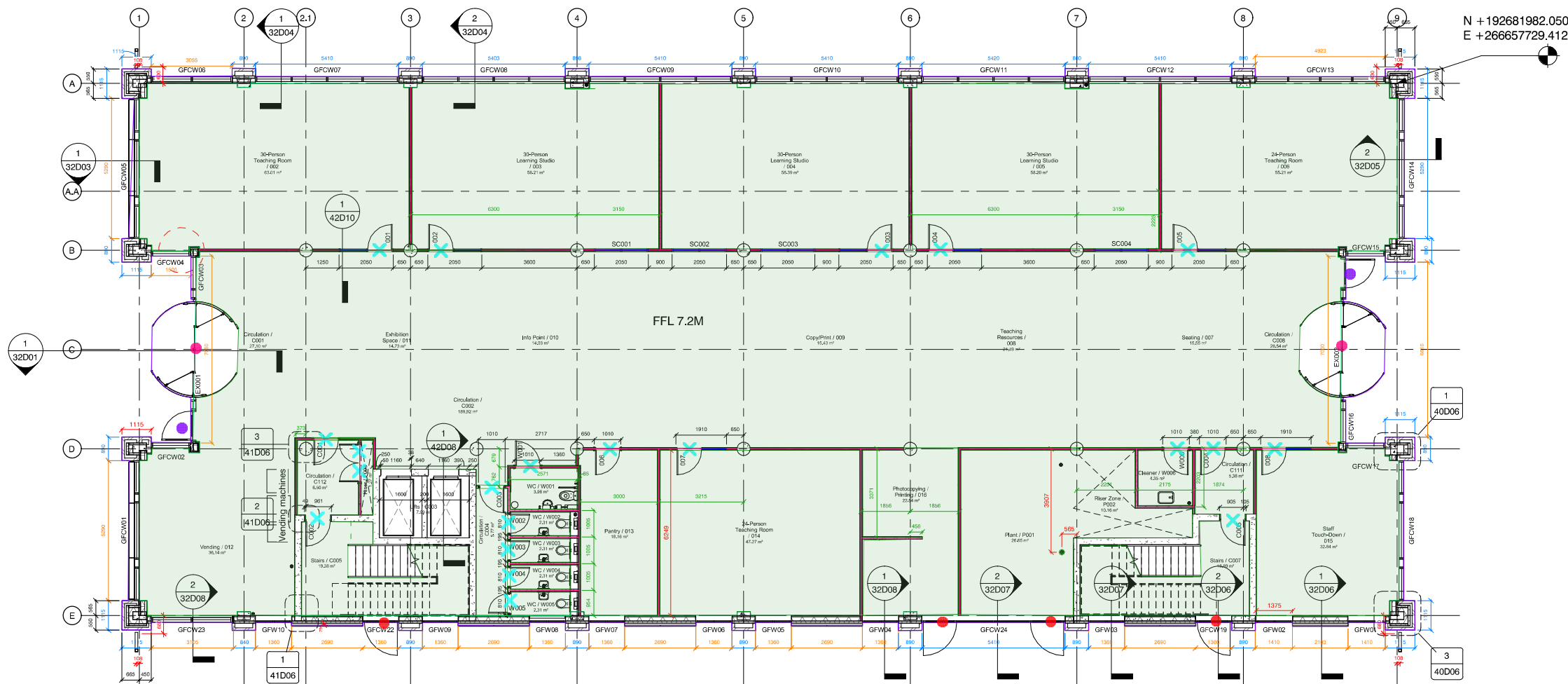
	Building Footprint	981.42	SqMt
	Electronic Motion Sensored Doors	2.00	Ea
	Fire Exit Doors	4.00	Ea
	GIFA	921.80	SqMt
	INTERNAL AREA	872.39	SqMt
	INTERNAL DOORS	21.00	Ea
	INTERNAL GLAZING SCREEN	15.19	Mt
	INTERNAL WALLS	149.85	Mt
	Manual Main Entemace Doors	2.00	Ea

Responsibility is not accepted for errors made by others in scaling from this drawing.
All construction information should be taken from figured dimensions only.



Key:

- Internal critical dimensions
- Internal partitions setting out to centre of wall
- External wall setting out - to brick dimensions
- External wall setting out - not to brick dimensions
- Slab penetrations setting out to centre
- Openings set out from grid lines



N +192681982.050
E +266657729.412

FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR

A	C119	15/08/18	FINAL CONSTRUCTION
A5	C111	08/02/18	Encasement added to column and soil pipe. Quiet rooms door changed to type 5C
A5	C97	24/08/17	Dimensions added as per client request.
A5	C33	16/08/17	RWP dimensions from gridline added to contractors request
A5	C32	04/08/17	Internal doors/screens amended. Door and partitions omitted - PMU 035.
A5	C21	10/05/17	Window dimensions amended on GL E 8/9. Internal door and screen numbers and door locations to learning studios amended
A5	C20	02/05/17	Door numbers amended. Brick piers amended to brick dimensions. Door references removed as now part of the curtain wall.
A5	C17	07/04/17	Ground floor cleaners room reduced to increase adjacent plant space
A5	C08	18/01/17	Ground floor cleaners room reduced to increase adjacent plant space. Plant room internal door omitted following comments from MEP engineer.

STATUS	REV	DATE	DESCRIPTION	REVISOR
CLIENT				MGL
University of Wales Trinity Saint David				CHECKED BY
				AMW
				ORIGINATOR NO
				70266_02

CONSULTANT
STRIDE TREGLOWN
www.stridetreglow.com © Stride Treglow Limited 2016
PROJECT
UWTSD Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE
Ground Floor Plan

SUITABILITY STATUS A : FINAL CONSTRUCTION	SCALE As indicated @ A1
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER UWTSD-STL-04-00-DR-A-ZZZZ-11D01	REVISION C119

1 Ground Floor Plan
1 : 100

Refer to floor plans for door handings.

All drawn ironmongery is indicative only. Refer to ironmongery packages for actual hardware required.

Door leaf sizes are indicative only. Door manufacturer to check overall sizes and tolerance prior to manufacture.

Critical Glazing - All glazing in critical locations to satisfy relevant sections outlined in Part N of the Building Regulations.

Fire ratings noted are minimum ratings.

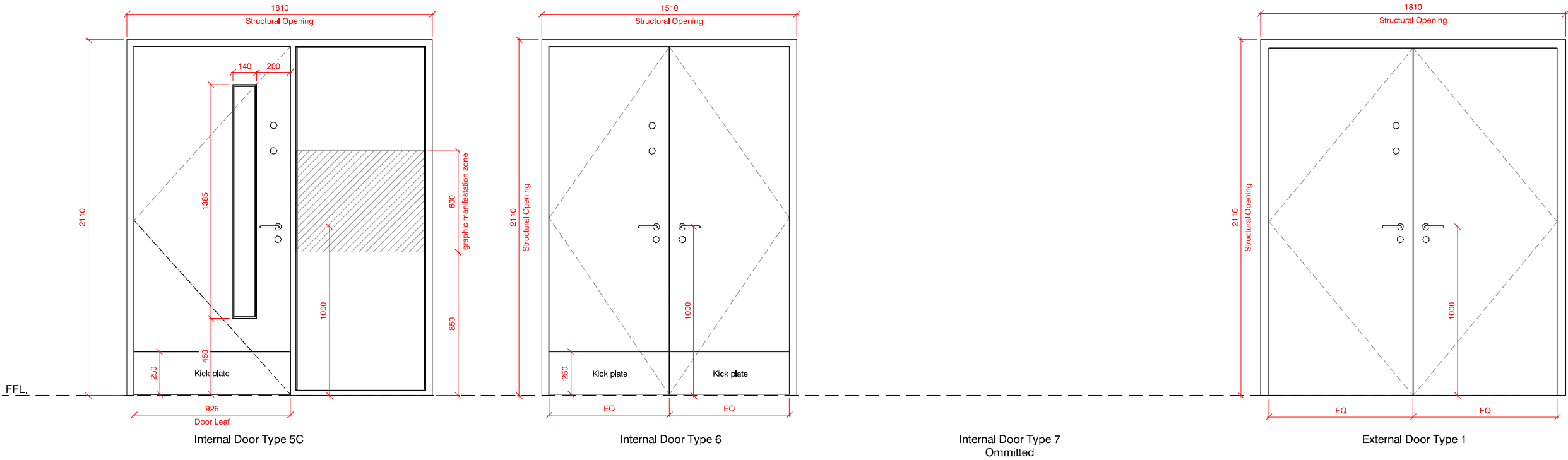
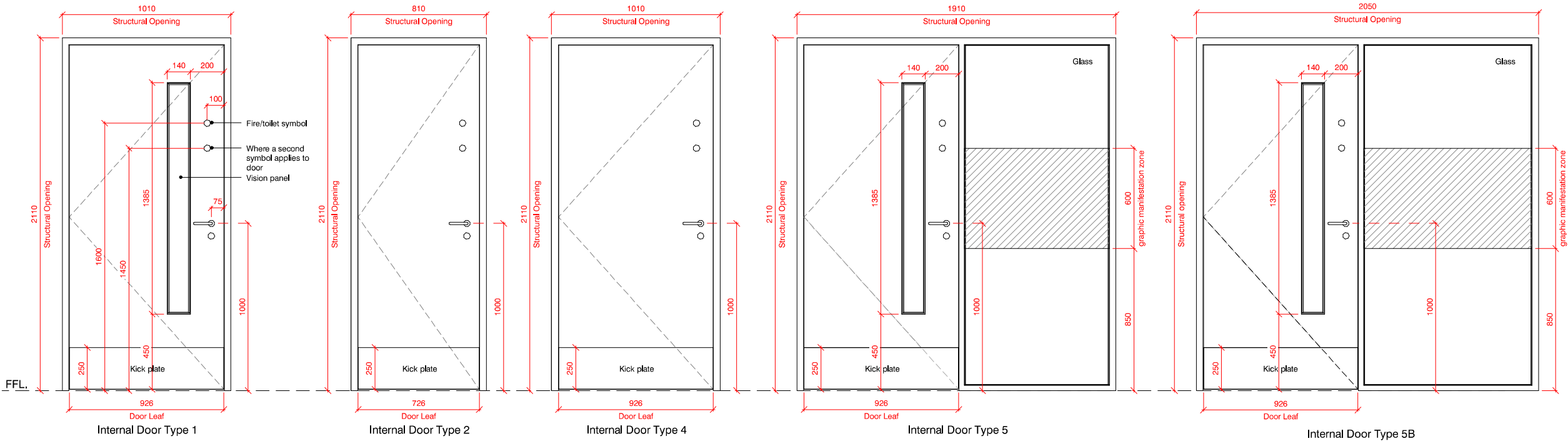
Door closers are not required on store doors. Provide fire door keep shut signs in lieu.

Door signage requirements tbc with University - allowance should be made for room name / number signage.

Door ironmongery colours:
Internal door ironmongery to be brushed stainless steel with an LRV of at least 79 in order to provide 15 point contrast with door surface.

Internal door side screens
Built in to door units as elevated.
Width of side screen to be determined by joinery subcontractor to suit overall structural opening - refer to building setting out plans.

Manifestation to glass as required to satisfy Part M of the Building Regulations.



FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR

A	C119	15/08/18	FINAL CONSTRUCTION
A5	C111	08/02/18	Manifestation zones added. Door type 5C added to drawing. Type 7 omitted.
A5	C32	04/08/17	Door type 5B added
S1	P43	10/05/17	Drawing number changed to new format. Drawing name amended and schedule moved to drawing No 71001
S1	P10	26/08/16	Stage 4 issue
S0	PS.12	13/07/16	Issue to Laidlaw
S0	PS.11	06/07/16	Door schedule first issue

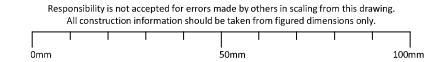
STATUS	REV	DATE	DESCRIPTION	REVISED BY
CLIENT				MGL
University of Wales Trinity Saint David				CHECKED BY
				Anthony Walsh
				ORIGINATOR NO
				70266_02

CONSULTANT
STRIDE TREGLOWN
www.stregtreglown.com © Stride Treglown Limited 2006

PROJECT
UWTSD Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE
Library Door Elevations

SUITABILITY STATUS	SCALE
A : FINAL CONSTRUCTION	As indicated @ A2
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER	REVISION
UWTSD-STL-04-ZR-DD-A-ZZZZ-71D02	C119



Note:

For door elevations refer to drawing number 71D02.

For door location and handing refer to drawing numbers 11D01, 11D02 & 11D03.

For door and glass specification refer to NBS specification L20 and L40.

Ironmongery to be coordinated with manufacturer.

Door Schedule - Ground Floor													
Door Number	Elevation Type	From Room	Structural Opening: Width	Structural Opening: Height	Jamb / lining	From Room: 03 Floor Finish	To Room: 03 Floor Finish	NBS Ref	Fire Rating	Acoustic Rating	Ironmongery Pack	Vision Panel	Comments
001	Type 5B	Circulation	2050	2110	102	14	27	L20/230A	N/A	35dB	TBC	Yes	
002	Type 5B	Circulation	2050	2110	102	14	30	L20/230A	N/A	35dB	TBC	Yes	
003	Type 5B	Circulation	2050	2110	102	14	27	L20/230A	N/A	35dB	TBC	Yes	
004	Type 5B	Circulation	2050	2110	102	14	30	L20/230A	N/A	35dB	TBC	Yes	
005	Type 5B	Circulation	2050	2110	102	14	27	L20/230A	N/A	35dB	TBC	Yes	
006	Type 4	Circulation	1010	2110	102	14	3	L20/230A	N/A	N/A	024SA7-DS-ILS	No	
007	Type 5	Circulation	1910	2110	102	14	30	L20/230A	N/A	35dB	TBC	Yes	
008	Type 5	Staff Touch-Down	1910	2110	102	30	2	L20/230A	N/A	35dB	TBC	Yes	
C001	Type 1	Circulation	1010	2110	102	14	3	L20/230	FD30s	N/A	025SA7-DS-ILS	Yes	
C002	Type 1	Stairs	1010	2110	250	3	3	L20/230	FD120s	N/A	001SA7-FD120	Yes	
C003	Type 1	Circulation	1010	2110	102	14	3	L20/230A	N/A	N/A	001SA7-UNISEX-NFR	Yes	
C004	Type 1	Circulation	1010	2110	102	14	3	L20/230	FD30s	N/A	025SA7-DS-ILS	Yes	
C005	Type 1	Circulation	1010	2110	250	3	3	L20/230	FD30s	N/A	001SA7-FC30/60	Yes	
P001	Type 6	Riser	1510	2110	102	6	3	L20/230	FD60s	N/A	032SA7-ILS-FDKL	No	
W001	Type 4	WC	1010	2110	102	5	14	L20/230A	N/A	30dB	033SA7-DIS-DS	No	
W002	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W003	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W004	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W005	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W006	Type 4	Circulation	1010	2110	102	14	3	L20/230	FD30s	N/A	025SA7-DS-ILS-FDKL	No	

Door Schedule - Floor Finish		
Key	Floor Description	Finished Thickness Nom.
2	Heckmondwike FB Battleship high performance sheet entrance carpet	13mm TBC
3	Forbo Marmoleum Concrete Comet 3703 - TBC	4mm
5	Safestep Smoke 174032	3mm
6	Anti-dusting paint / floor sealer	0mm
8	N/A	
13	External paving slabs	TBC
14	Domus Details Wood porcelain plank tiles - DCWD03	13mm
17	Square antistatic carpet tiles	9mm
26	Forbo carpet tiles - 2 colour Tessera In-Touch/Seagrass laid in herringbone pattern (see setting out)	10mm
27	Forbo carpet tiles - Tessera In-Touch (Watercolour 3300) laid in brick style	10mm
28	Forbo carpet tiles - Tessera In-Touch (Watercolour 3300) laid diagonally in brick style (see setting out)	10mm
30	Forbo carpet tiles - Tessera In-Touch (Fresco 3301) laid in brick style	10mm
31	Forbo carpet tiles - Tessera In-Touch (Crochet 3307) laid in brick style	10mm

Door Schedule - First Floor													
Door Number	Elevation Type	From Room	Structural Opening: Width	Structural Opening: Height	Jamb / lining	From Room: 03 Floor Finish	To Room: 03 Floor Finish	NBS Ref	Fire Rating	Acoustic Rating	Ironmongery Pack	Vision Panel	Comments
101	Type 1	Circulation	1010	2110	102	26	31	L20/230	FD30s	N/A	025SA7-DS-ILS	Yes	
102	Type 5	Circulation	1910	2110	102	26	31	L20/230A	N/A	35dB	TBC	Yes	
103	Type 5	Circulation	1910	2110	102	26	31	L20/230A	N/A	35dB	TBC	Yes	
104	Type 5	Circulation	1910	2110	102	26	31	L20/230A	N/A	35dB	TBC	Yes	
105	Type 5	Circulation	1910	2110	102	26	31	L20/230A	N/A	35dB	TBC	Yes	
106	Type 5	Learning Commons	1910	2110	102	26	31	L20/230A	N/A	35dB	TBC	Yes	
C101	Type 1	Circulation	1010	2110	102	26	3	L20/230	FD30s	N/A	025SA7-DS-ILS	Yes	
C102	Type 1	Stairs	1010	2110	250	3	3	L20/230	FD120s	N/A	001SA7-FD120	Yes	
C103	Type 1	Circulation	1010	2110	102	26	3	L20/230A	N/A	N/A	001SA7-UNISEX-NFR	Yes	
C104	Type 1	Circulation	1010	2110	102	26	3	L20/230	FD30s	N/A	025SA7-DS-ILS	Yes	
C105	Type 1	Circulation	1010	2110	250	3	3	L20/230	FD30s	N/A	001SA7-FC30/60	Yes	
P101	Type 6	Circulation	1510	2110	87	3	3	L20/230	FD60s	N/A	032SA7-ILS-FDKL	No	
P102	Type 4	IT Server Room	1010	2110	102	17	26	L20/230	FD60s	35dB	026SA7-DS-ILS	No	
P103	Type 6	Riser	1510	2110	87	8	31	L20/230	FD60s	N/A	032SA7-ILS-FDKL	No	
P104	Type 6	Riser	1510	2110	87	8	31	L20/230	FD60s	N/A	032SA7-ILS-FDKL	No	
W101	Type 4	WC	1010	2110	102	5	26	L20/230A	N/A	30dB	033SA7-DIS	No	
W102	Type 2	Circulation	810	2110	102	3	5	L20/230	FD30s	N/A	025SA7-DS-ILS-FDKL	No	
W103	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W104	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W105	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	

Door Schedule - Second Floor													
Door Number	Elevation Type	From Room	Structural Opening: Width	Structural Opening: Height	Jamb / lining	From Room: 03 Floor Finish	To Room: 03 Floor Finish	NBS Ref	Fire Rating	Acoustic Rating	Ironmongery Pack	Vision Panel	Comments
201	Type 5C	Quiet	1810	2110	178	28	26	L20/230A	N/A	35dB	024SA7-DS-ILS	Yes	
202	Type 5C	Quiet	1810	2110	178	28	26	L20/230A	N/A	35dB	025SA7-DS-ILS	Yes	
203	Type 5	Library SLT/ Shared Work Area	1910	2110	178	28	28	L20/230A	N/A	35dB	024SA7-DS-ILS	Yes	
204	Type 5	Circulation	1910	2110	178	26	28	L20/230A	N/A	35dB	024SA7-DS-ILS	Yes	
205	Type 1	Library SLT/ Shared Work Area	1010	2110	178	28	28	L20/230A	N/A	35dB	024SA7-DS-ILS	Yes	
206	Type 1	Office	1010	2110	178	28	26	L20/230A	N/A	35dB	024SA7-DS-ILS	Yes	
207	Type 1	Circulation	1010	2110	178	26	28	L20/230A	N/A	35dB	024SA7-ILS	Yes	
208	Type 1	Circulation	1010	2110	178	26	28	L20/230A	N/A	35dB	024SA7-DS-ILS	Yes	
C201	Type 1	Circulation	1010	2110	178	26	3	L20/230	FD30s	N/A	025SA7-DS-ILS	Yes	
C202	Type 1	Stairs	1010	2110	250	3	3	L20/230	FD120s	N/A	001SA7-FD120	Yes	
C203	Type 4	Circulation	1010	2110	178	3	26	L20/230A	N/A	N/A		Yes	
C204	Type 1	Circulation	1010	2110	178	26	3	L20/230	FD30s	N/A	025SA7-DS-ILS	Yes	
C205	Type 1	Circulation	1010	2110	250	3	3	L20/230	FD30s	N/A		Yes	
P201	Type 6	Circulation	1510	2110	87	3	3	L20/230	FD60s	N/A	032SA7-ILS-FDKL	No	
P202	Type 4	Plant	1010	2110	178	13	26	L20/230	FD60s	35dB	026SA7-DS-ILS	No	
P203	Type 6	Riser	1510	2110	87	8	28	L20/230	FD60s	N/A	032SA7-ILS-FDKL	No	
P204	Type 6	Riser	1510	2110	87	8	28	L20/230	FD60s	N/A	032SA7-ILS-FDKL	No	
S201	Type 4	Library SLT/ Shared Work Area	1010	2110	178	28	3	L20/230	FD30s	N/A	025SA7-DS-ILS	No	
S202	Type 4	Circulation	1010	2110	178	26	28	L20/230	FD30s	N/A	025SA7-ILS	No	
W201	Type 4	WC	1010	2110	178	5	26	L20/230A	N/A	30dB	033SA7-DIS	No	
W202	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W203	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W204	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W205	Type 2	Circulation	810	2110	102	3	5	L20/230A	N/A	N/A	033SA7-WC	No	
W206	Type 2	Cleaner	810	2110	102	5	3	L20/230	FD30s	N/A	025SA7-DS-ILS-FDKL	No	

FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR

A	C119	15/08/18	FINAL CONSTRUCTION
A5	C111	08/02/18	Door to quiet rooms amended to to type 5C
A5	C105	10/01/18	Jamb lining thickness and room floor finish added to schedules. Structural opening dimension amended.
A5	C32	04/08/17	Issue for construction
S1	P43	10/05/17	Issue to Laclaw for coordination

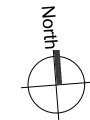
STATUS	REV	DATE	DESCRIPTION
CLIENT			REVISED BY MGL
University of Wales Trinity Saint David			CHECKED BY AMW
			ORIGINATOR NO 70266_02
CONSULTANT			
STRIDE TREGLOWN			
www.stridetreglown.com			
PROJECT			
UWTSD Library			
University of Wales Trinity Saint David			
Swansea			
SA1			

DRAWING TITLE
Library Door Schedule

SUITABILITY STATUS A : FINAL CONSTRUCTION	SCALE 1 : 10 @ A1
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER UWTSD-STL-04-ZZ-SH-A-ZZZZ-71D01	REVISION C119

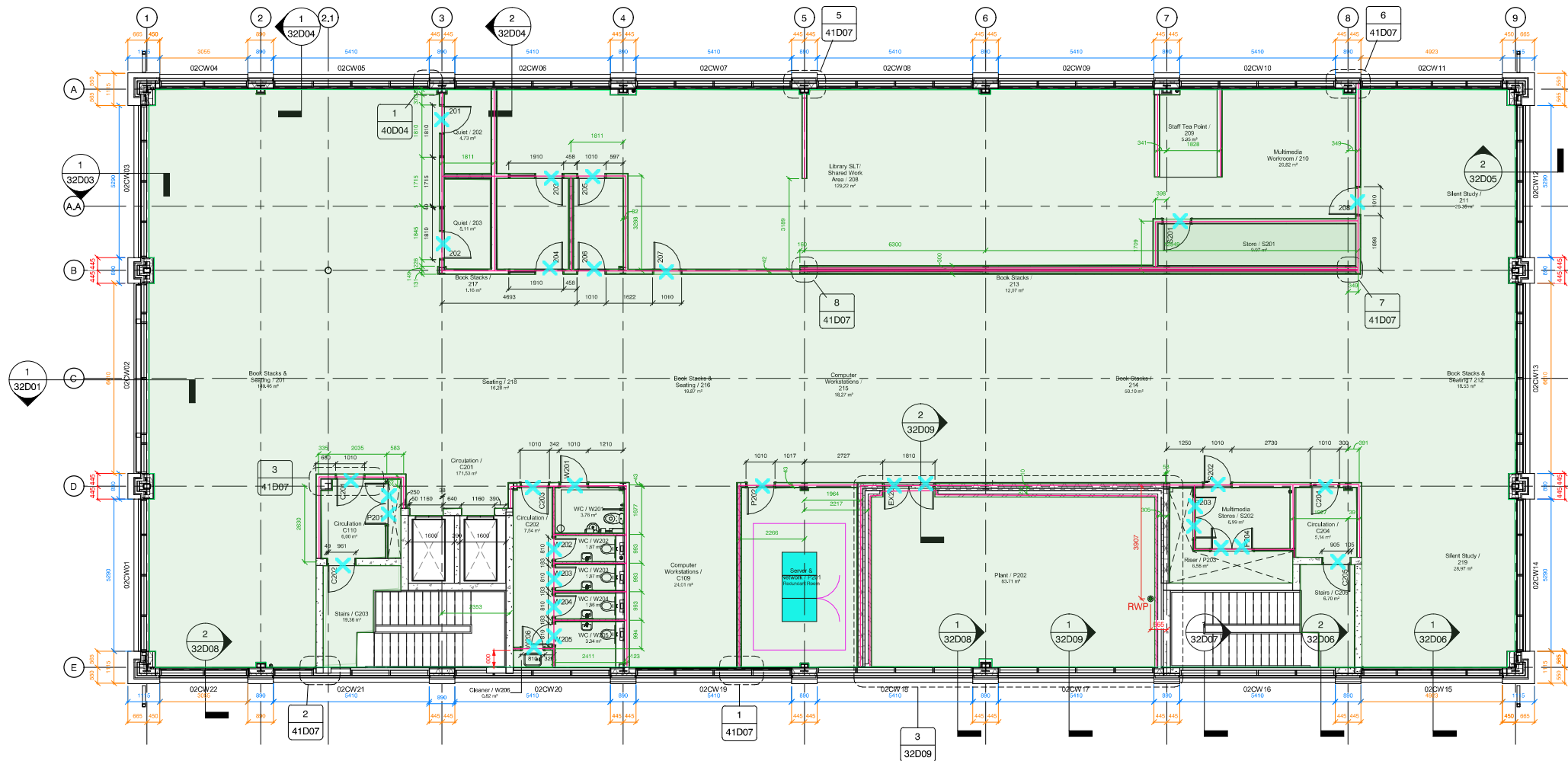
	2nd floor circulation areas	13.89	SqMt
	GIFA	951.22	SqMt
	INTERNAL AREA	864.09	SqMt
X	INTERNAL DOORS	30.00	E a
	INTERNAL WALLS	222.49	Mt
	Teaching Rooms 1st floor	34.15	SqMt

Responsibility is not accepted for errors made by others in scaling from this drawing.
All construction information should be taken from figured dimensions only.



Key:

- Internal critical dimensions
- Internal partitions setting out to centre of wall
- External wall setting out - to brick dimensions
- External wall setting out - not to brick dimensions
- Slab penetrations setting out to centre
- Openings set out from grid lines



FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR

- A C119 15/08/18 FINAL CONSTRUCTION
- A5 C113 16/02/18 Door opening direction amended in quiet rooms
- A5 C111 08/02/18 Encasement added to column and soil pipe. Quiet rooms door changed to type 5C
- A5 C96 24/08/17 FACE/Tech and Library upper floor CAD plans issued to Kier
- A5 C94 22/08/17 Wall type 19 added. Second floor library partition type drawing, setting out drawing and details amended to accommodate structural bracing along GL B. NB5 K10 updated accordingly
- A5 C32 04/08/17 WC/Cleaner layout amended. Partition and door locations amended.
- A5 C21 10/05/17 Internal door and screen numbers amended
- A5 C06 13/01/17 Dimensions to lift door opening added to plan. Issued for construction
- S1 P34 10/11/16 Stage 5 Issue. Lift amended to contractors information
- S1 P30 07/10/16 General update issue. Drawing number amended to new format
- S1 P10 26.08.16 Stage 4 Issue

STATUS	REV	DATE	DESCRIPTION	REVISION BY
CLIENT				MGL
University of Wales Trinity Saint David				
CHECKED BY				AMW
ORIGINATOR NO				70266_02

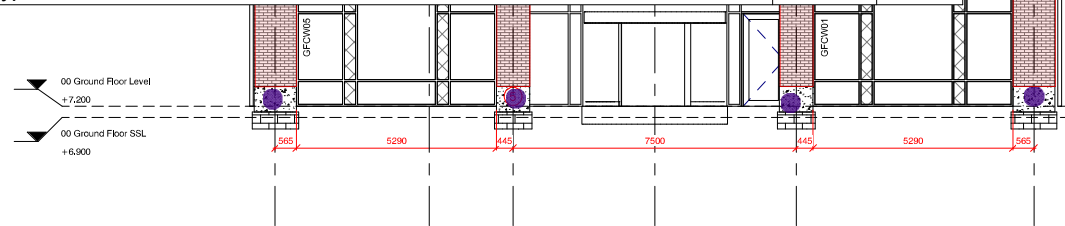
CONSULTANT
STRIDE TREGLOWN
www.stride-treglown.com © Stride Treglown Limited 2016
PROJECT
UWTS Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE
Second Floor Plan

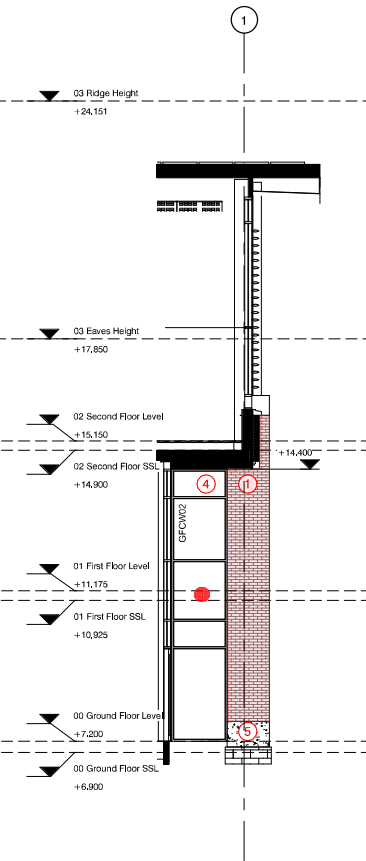
SUITABILITY STATUS A : FINAL CONSTRUCTION	SCALE As indicated @ A1
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER UWTS-STL-04-02-DR-A-ZZZZ-11D03	REVISION C119

1 Second Floor Plan
1:100

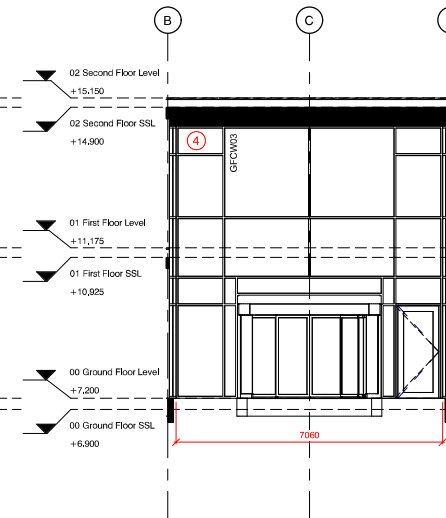
Aluminium rainscreen cladding (Dark Grey colour RAL 7016 - H92/120A)	170.08	SqMt
Concrete Lintel	11.00	Ea
Concrete Plinth/Coping To Brick Peirs	26.00	Ea
CW Type 1	1.00	Ea
CW Type 11	1.00	Ea
CW Type 13	1.00	Ea
CW Type 13b	1.00	Ea
CW Type 13c	1.00	Ea
CW Type 13d	2.00	Ea
CW Type 14	2.00	Ea
CW Type 15	1.00	Ea
CW Type 20	2.00	Ea
CW Type 24	1.00	Ea
CW Type 3	1.00	Ea
CW Type 4	1.00	Ea
CW Type 5	1.00	Ea
CW Type 7	1.00	Ea
CW Type 8	1.00	Ea
CW Type 9a	1.00	Ea
CW Type 9b	1.00	Ea
Facing Brickwork (Chester Red Blend - F10/110C)	214.86	SqMt
W Type 1	2.00	Ea
W Type 2	10.00	Ea
W Type 2a	1.00	Ea
W Type 4	1.00	Ea
W Type 5	7.00	Ea
W Type 6	3.00	Ea



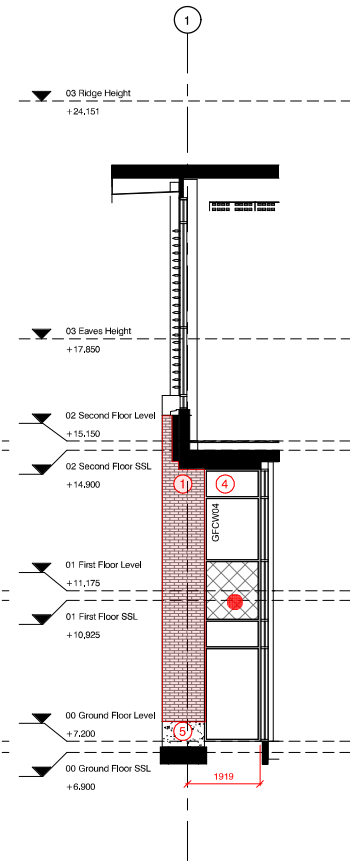
1 External Elevation 1
1 : 100



2 External Elevation 2
1 : 100



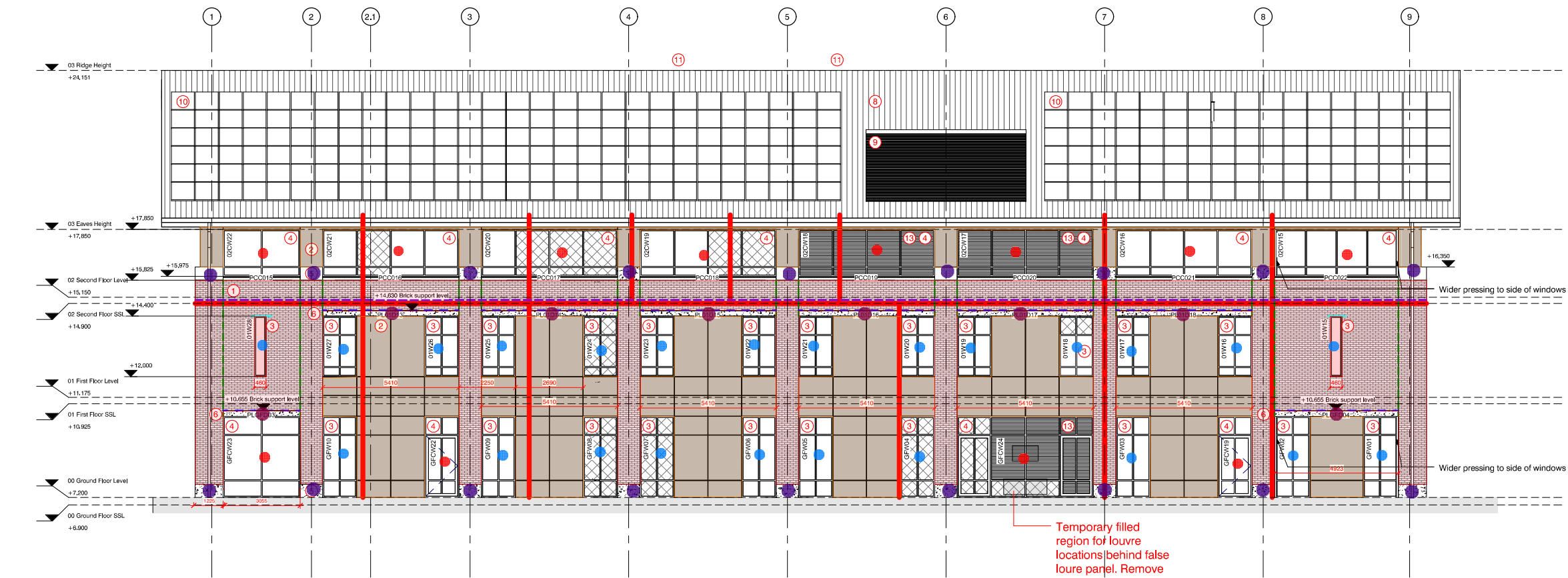
3 External Elevation 3
1 : 100



4 External Elevation 4
1 : 100

Responsibility is not accepted for errors made by others in scaling from this drawing.
All construction information should be taken from figured dimensions only.

- 1 Facing brickwork - Ibstock Chester Red Blend - F10/110C
- 2 Aluminium rainscreen cladding for library - Ash & Lacy Ashtech Lingrid, Dark Grey PPC, colour RAL 7016 - H92/120A
- 3 Aluminium window - Kawneer AA541, dark grey PPC, colour RAL 7016 - L10/330
- 4 Vertical aluminium curtain walling - Kawneer AA100, dark grey PPC, colour RAL 7016 - H11/110
- 5 Concrete plinth/coping to brick piers
- 6 Precast concrete lintel - Portland stone acid washed, self colour
- 7 PPC shading louvres - L10/670A
- 8 Metal standing seam roof - H31/120A
- 9 PPC metal ventilation louvres
- 10 PV solar panels
- 11 PPC aluminium rooflight - H11/110C
- 12 Feature wall-mounted lighting
- 13 Supply / extract louvre
- Glass look alike panel - with ceramic backing and bonded EPS insulation, colour of ceramic backing to be agreed - H11/110A
- Vertical cavity barrier
- Horizontal cavity barrier behind brickwork.
- Rendered blockwork, composite cladding, curtain walling or aluminium rainscreen cladding with cavity tray above and weepholes at 450mm centres (brickwork only)
- Movement joint in brickwork
- Structural movement joint
- Lintel required
- Bed-joint reinforcement - F30/270A
- Brickwork structural support



5 External Elevation 5
1 : 100

FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR

A	C119	15/08/18	FINAL CONSTRUCTION
A5	C31	26/07/17	Window type amended to hide ceiling void
A5	C29	26/06/17	PCB cill references and cavity barriers added
A5	C24	26/05/17	Additional annotation added to drawing
A5	C28	16/05/17	Slot windows changed to 460mm structural opening width
A5	C21	10/05/17	Window extents amended.
A5	C15	31/03/17	Brickwork support coordinated with Ancon information. Specification references added to legend
A5	C14	30/03/17	Plant room louvre window and door amended. Movement joints in brickwork added. Lintel references added.
S1	P31	24/10/16	Stage 5 Issue. Drawing number amended to new format.
S1	P10	26.08.16	Stage 4 Issue
S1	P9	17/08/16	Updated to current elevations
S2	P5	13/05/16	Building Regulation Application Issue
S0	P4.7	28/04/16	Technical elevation first issue

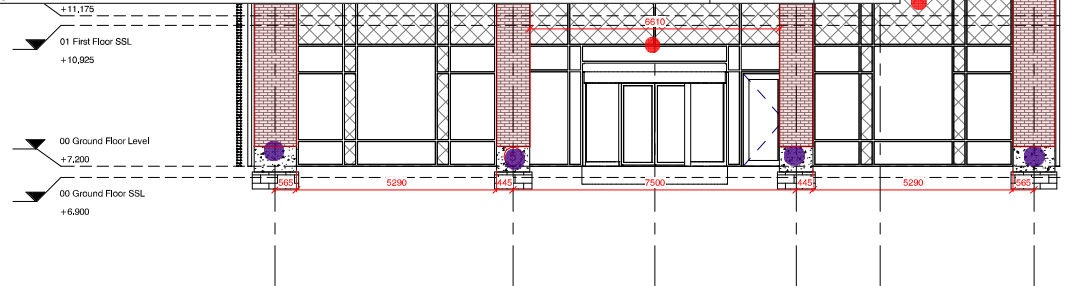
STATUS	REV	DATE	DESCRIPTION	REVISD BY
CLIENT				MGL
UNIVERSITY OF WALES TRINITY SAINT DAVID				CHECKED BY
				AMW
ORIGINATOR NO				
70266_02				

CONSULTANT
STRIDE TREGLOWN
www.stridetreglow.com
© Stride Treglow Limited 2016
PROJECT
UWTS Library
University of Wales Trinity Saint David
Swansea
SA1

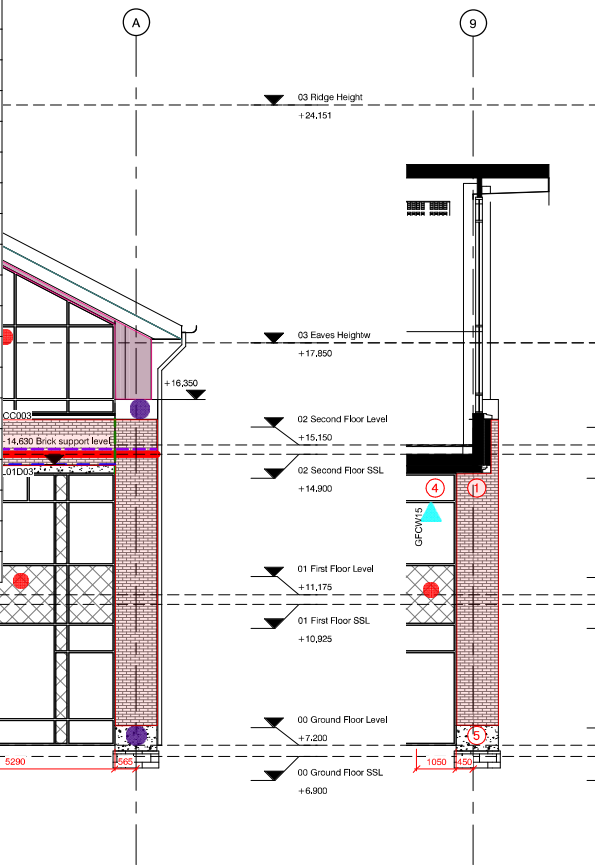
DRAWING TITLE
Technical Elevations Sheet 1

SUITABILITY STATUS A : FINAL CONSTRUCTION	SCALE As indicated @ A1
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER UWTS-STL-04-DD-ZR-A-ZZZZ-21D01	REVISION C119

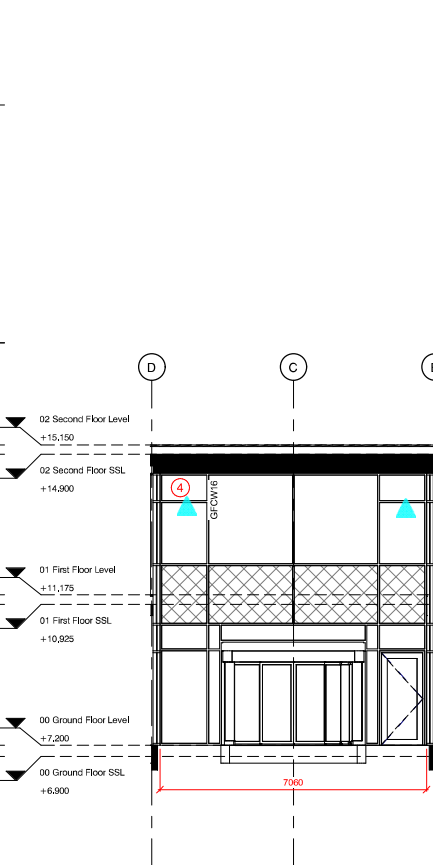
▲	Aluminium Window (Dark Grey PPC - Colour RAL 7016 - H11/110)	9.00	Ea
■	Area CLADDING	120.18	SqMt
■	Concrete Lintel	8.00	Ea
■	Concrete Plinth/Coping To Brick Peirs	26.00	Ea
●	CW Type 10	2.00	Ea
●	CW Type 11	1.00	Ea
●	CW Type 12	1.00	Ea
●	CW Type 14	6.00	Ea
●	CW Type 15	1.00	Ea
●	CW Type 16	3.00	Ea
●	CW Type 17	2.00	Ea
●	CW Type 18	2.00	Ea
●	CW Type 2	1.00	Ea
●	CW Type 3	1.00	Ea
●	CW Type 4	1.00	Ea
●	CW Type 6	1.00	Ea
●	CW Type 7	2.00	Ea
■	Facing Brickwork (Chester Red Blend - F10/110C)	215.02	SqMt
■	Roof Length	51.58	Mt
■	Roof Slope Length	25.36	Mt
●	W Type 1	2.00	Ea
●	W Type 2	4.00	Ea
●	W Type 2a	4.00	Ea
●	W Type 3	3.00	Ea
●	W Type 3a	1.00	Ea



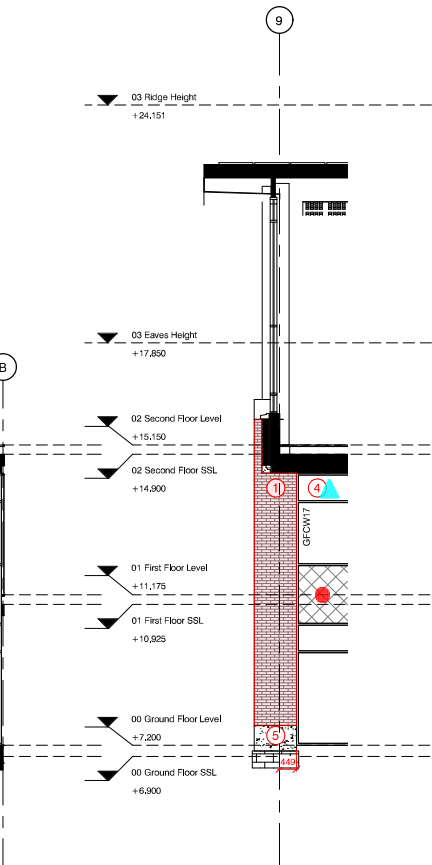
1 External Elevation 6
1 : 100



2 External Elevation 7
1 : 100



3 External Elevation 8
1 : 100



4 External Elevation 9
1 : 100

Responsibility is not accepted for errors made by others in scaling from this drawing.
All construction information should be taken from figured dimensions only.

- Facing brickwork - Ibstock Chester Red Blend - F10/110C
- Aluminium rainscreen cladding for library - Ash & Lacy Ashtech Lingrid, Dark Grey PPC, colour RAL 7016 - H92/120A
- Aluminium window - Kawneer AA541, dark grey PPC, colour RAL 7016 - L10/330
- Vertical aluminium curtain walling - Kawneer AA100, dark grey PPC, colour RAL 7016 - H11/110
- Concrete plinth/coping to brick piers
- Precast concrete lintel - Portland stone acid washed, self colour
- PPC shading louvres - L10/670A
- Metal standing seam roof - H31/120A
- PPC metal ventilation louvres
- PV solar panels
- PPC aluminium rooflight - H11/110C
- Feature wall-mounted lighting
- Supply / extract louvre
- Glass look alike panel - with ceramic backing and bonded EPS insulation, colour of ceramic backing to be agreed - H11/110A
- Vertical cavity barrier
- Horizontal cavity barrier behind brickwork.
- Rendered blockwork, composite cladding, curtain walling or aluminium rainscreen cladding with cavity tray above and weepholes at 450mm centres (brickwork only)
- Movement joint in brickwork
- Structural movement joint
- Lintel required
- Bed-joint reinforcement - F30/270A
- Brickwork structural support



5 External Elevation 10
1 : 100

FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR

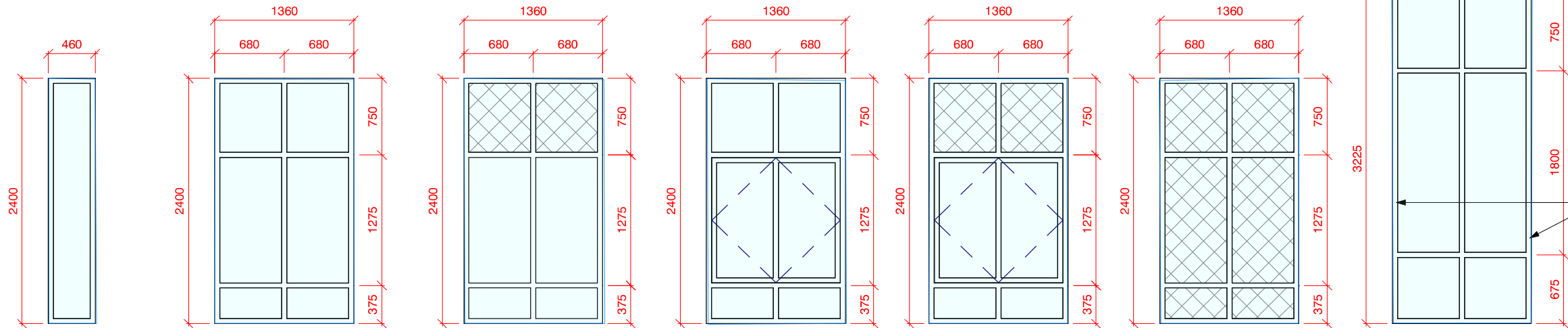
A	C119	15/08/18	FINAL CONSTRUCTION
A5	C31	26/07/17	Window type amended to hide ceiling void
A5	C29	28/06/17	PCC sill references and cavity barriers added
A5	C23	16/05/17	Slot windows changed to 460mm structural opening width
A5	C15	31/03/17	Brickwork support coordinated with Ancor Information. Specification references added to legend
A5	C14	30/03/17	Lintel references added
S1	P31	24/10/16	Stage 5 Issue. Drawing number amended to new format.
S1	P10	26.08.16	Stage 4 Issue
S1	P9	17/08/16	Updated to current elevations
S2	P5	13/05/16	Building Regulation Application Issue
S0	P4.7	28/04/16	Technical elevation first issue

STATUS	REV	DATE	DESCRIPTION	REVISED BY
CLIENT				MGL
University of Wales Trinity Saint David				CHECKED BY
				AMW
ORIGINATOR NO				70266_02

CONSULTANT
STRIDE TREGLOWN
www.stridetreglow.com
PROJECT
UWTS Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE
Technical Elevations Sheet 2

SUITABILITY STATUS A : FINAL CONSTRUCTION	SCALE As indicated @ A1
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER UWTS-STL-04-DD-ZR-A-ZZZZ-21D02	REVISION C119



W Type 1

W Type 2

W Type 2a

W Type 3

W Type 3a

W Type 4

W Type 5

Responsibility is not accepted for errors made by others in scaling from this drawing.
All construction information should be taken from figured dimensions only.



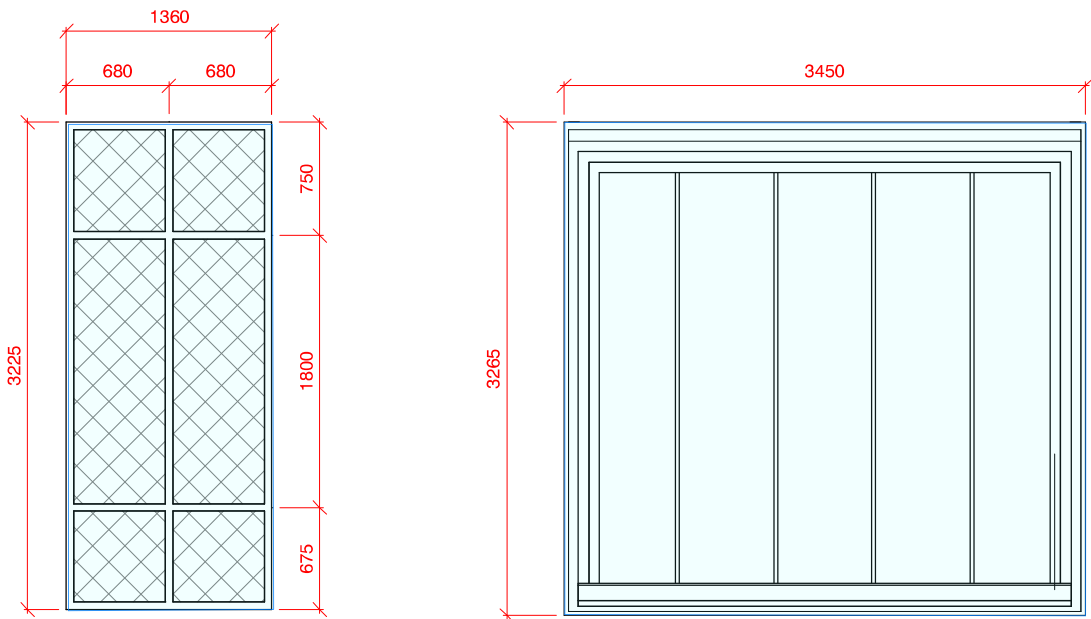
Glass look alike panel

Opening lights to be confirmed by TB&A, subject to natural ventilation requirements.

To be read in conjunction with technical elevations and setting out floor plans.

Wider pressing to be installed on one side only on GFW01 and GFW02.
Refer to technical elevation drawing 21D01 for location

FINAL CONSTRUCTION DRAWING
CONFORMING TO INFORMATION
PROVIDED TO THE ARCHITECT BY
THE CONTRACTOR



W Type 6

W Type 7

Window Schedule

Mark	Type Mark
01W01	W Type 1
01W02	W Type 2
01W03	W Type 2
01W04	W Type 2
01W05	W Type 3
01W06	W Type 3a
01W07	W Type 2a
01W08	W Type 2a
01W09	W Type 2a
01W10	W Type 2a
01W11	W Type 3
01W12	W Type 3
01W13	W Type 2
01W14	W Type 1
01W15	W Type 1
01W16	W Type 2
01W17	W Type 2
01W18	W Type 2a
01W19	W Type 2
01W20	W Type 2
01W21	W Type 2

Window Schedule

Mark	Type Mark
01W22	W Type 2
01W23	W Type 2
01W24	W Type 4
01W25	W Type 2
01W26	W Type 2
01W27	W Type 2
01W28	W Type 1
03CW01	W Type 7
03CW02	W Type 7
03CW03	W Type 7
03CW04	W Type 7
GFW01	W Type 5
GFW02	W Type 5
GFW03	W Type 5
GFW04	W Type 6
GFW05	W Type 5
GFW06	W Type 5
GFW07	W Type 6
GFW08	W Type 6
GFW09	W Type 5
GFW10	W Type 5

A	C119	15/08/18	FINAL CONSTRUCTION
A5	C31	26/07/17	Additional window types added
A5	C24	26/05/17	Additional annotation added to drawing
A5	C23	16/05/17	Slot windows changed to 460mm structural opening width
S1	P32	25/10/16	Stage 5 Issue. Drawing number amended to new format.
S1	P10	26.08.16	Stage 4 Issue
S2	P5	13/05/16	Building Regulation Application Issue
S0	P4.9	09/05/16	First issue

STATUS	REV	DATE	DESCRIPTION	REVISED BY
				MGL
CLIENT				
University of Wales Trinity Saint David				
				CHECKED BY
				Marié Nevin
				ORIGINATOR NO
				70266_02

CONSULTANT

STRIDE TREGLOWN

www.stridetreglown.com

© Stride Treglown Limited 2016

PROJECT

UWTSd Library
University of Wales Trinity Saint David
Swansea
SA1

DRAWING TITLE

Window Elevations

SUITABILITY STATUS	SCALE
A : FINAL CONSTRUCTION	As indicated @ A3

PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASSIFICATION NUMBER	REVISION
UWTSd-STL-04-ZZ-DR-A-ZZZZ-62D01	C119

UWTSD Library Cost Plan
F+G

03/04/2020

Total Construction Cost (C + D) - £6,444,848

Information Used & Assumptions

1 Information Used

Curtain Wall Elevation Sheet 1
Curtain Wall Elevation Sheet 2
Ground Floor Plan
First Floor Plan
Second Floor Plan
Library Door Elevations
Library Door Schedule
Technical Elevations Sheet 1
Technical Elevations Sheet 2
Window Elevations

SPONS Architects' and Builders' Price Book 2020

2 General assumptions;

This project will follow the traditional procurement route.
FF&E is excluded unless specifically identified within the cost plan.
Costs are based upon the information as provided.
We have assumed a project bank account will not be required for this scheme.
We have assumed that the area of works will be decanted for the project. No allowance is made for throughways or dealing with building occupants.
The exact nature of specification for internal doors, screens, folding partitions and finishes is assumed.

All costs are provisional awaiting design development.

3 General notes and exclusions;

All included costs are subject to variation following design development.
Risks associated with BREXIT are not considered.

A risk allowance of 10% is included for this estimate.

VAT is excluded from the estimate.
Works will be undertaken in a single phase.
Start date is 1Q21

Works cost estimate

		Cost	
Building works estimate			
Group element 0	FACILITATING WORKS	£444,411	
Group element 1	SUBSTRUCTURE	£220,820	
Group element 2	SUPERSTRUCTURE	£3,720,666	
Group element 3	INTERNAL FINISHES	£333,831	0
Group element 4	FITTINGS AND FURNISHINGS	£75,000	
Group element 5	SERVICES	£1,415,168	0
Group element 8	EXTERNAL WORKS	£0	
Group element 9	MAIN CONTRACTOR'S PRELIMINARIES	£554,467	
Works cost estimate (sub total A)		£6,764,362	0
<i>Location Factor 0.85</i>		£5,749,708	
<i>Projected start date allowance 1.9%</i>		£5,858,952	
Project design team fees and other development costs (sub total B)			
			0
<u>Base cost estimate A + B (sub total C)</u>		<u>£5,858,952</u>	
Group element 13	Risk allowance @ 10%	£585,895	
Total Risk allowances (sub total D)		£585,895	
		0	
<u>Total Construction Cost (C + D)</u>		<u>£6,444,848</u>	
		0	

Ref.	Element	Quantity / unit		Rate	Sub-Total	Group-Total	Notes
				£	£	£	
0	FACILITATING WORKS					£ 444,411.34	
0.1	Toxic/hazardous material <i>This is under the assumption that the site is clear of toxic/hazardous materials.</i>		item	£ -	£ -		As per attached query sheet
	Contaminated land <i>Provisional sum to cover ecology provisions.</i>	1	item	£ 12,000.00	£ 12,000.00		As per attached query sheet
0.2	Major demolition works <i>The is under the assumption that the site is clear and requires no demolition.</i>						As per attached query sheet
0.3	Temporary Works Access scaffolding	0.075	%	£ 432,411.34		432,411	Priced from SPONS 2020 pg.178
1	SUBSTRUCTURE					£ 220,819.50	
1.1	Foundations <i>The is under the assumption that the site is clear and requires no specialist works.</i> <i>Provisional sum to cover drainage and foundations</i>	981	m2	£ 225.00		220,820	As per attached query sheet
2	SUPERSTRUCTURE					£ 3,720,665.78	
2.1	Frame <i>This is under the assumption that no specialist works are required.</i> <i>Provisional sum to cover frame all structurl frame elements.</i> <i>This includes concrete walls around the stairs and the lifts.</i>	981	m2	£ 235.00	£ 230,633.70		WORK THIS OUT AS £75 PER M2 OF THE GIFA
2.2	Upper Floors <i>Precast concrete suspended floors; 1200mm wide suspended slab; 75mm thick</i> <i>12.00m span; 350mm thick planks; 5.00 kN/m2 loading</i> <i>Screeded beds; protection to compressible formwork exceeding 600mm wide</i> <i>75mm thick</i>	981	m2	£ 105.00	£ 103,049.10		Priced from SPONS 2020 pg.189
		981	m2	£ 9.81	£ 9,627.73		Priced from SPONS 2020 pg.273
2.3	Roof <i>Steel profiled sheet roof decking with single layer waterproof membrane, insulation and vapour control layer.</i> <i>27.5 degree pitch.</i> <i>allowance for rainwater goods</i>	1,308	m2	£ 111.38	£ 145,686.16		Priced from SPONS 2020 pg.142 added 12.5%markup
		1	item	£ 20,000.00	£ 20,000.00		Provisional sum
	Allowance for trims and flashings	1	item	£ 13,254.89	£ 13,254.89		As per attached query sheet 8% allowance for trim and flashings
2.4	Stairs & Ramps Precast concrete staircase with half landing	6	no	£ 6,490.00	£ 38,940.00		SPONS 2020 pg.142 added 10% markup
	Nylon coated steel handrail	120	m	£ 104.50	£ 12,540.00		SPONS 2020 pg.142 added 10% markup
2.5	External Walls Facing brickwork (Colour tba) <i>Facing brickwork - Ibstock Chester Red Blend - F10/110C</i> <i>Facing brickwork, insulated cavity, 100mm concrete blockwork inner leaf</i>				£ 1,171,498.97		
	Front Elevation (External Elevation 1)	53.05	m2	£ 165.00	£ 8,753.25		SPONS 2020 pg.142 added 10% markup
	Side Elevation (External Elevation 5)	161.81	m2	£ 165.00	£ 26,698.65		SPONS 2020 pg.142 added 10% markup
	Side Elevation (External Elevation 2)	7.76	m2	£ 165.00	£ 1,280.40		SPONS 2020 pg.142 added 10% markup
	Side Elevation (External Elevation 4)	7.95	m2	£ 165.00	£ 1,311.75		SPONS 2020 pg.142 added 10% markup
	Side Elevation (External Elevation 10)	146.39	m2	£ 165.00	£ 24,154.35		SPONS 2020 pg.142 added 10% markup
	Side Elevation (External Elevation 7)	7.61	m2	£ 165.00	£ 1,255.65		
	Side Elevation (External Elevation 9)	7.71	m2	£ 165.00	£ 1,272.15		SPONS 2020 pg.142 added 10% markup
	Rear elevation (External Elevation 6)	53.31	m2	£ 165.00	£ 8,796.15		SPONS 2020 pg.142 added 10% markup
	Aluminium rainscreen cladding (Dark grey PPC - Colour RAL7016 - H92/120A) <i>Metal rainscreen cladding system, two finishes, including Metsec, concealed fixings, flashings</i> <i>trims</i>	170.08	m2	£ 569.03	£ 96,780.62		SPONS 2020 pg.146 added 10% markup

2.6	Vertical aluminium curtain walling (Dark grey PPC - Colour RAL 7016 - H11/110)								
	Unitized curtain walling; solid spandrel panels; selective high performance glass and some solar control (Inner london rate to cover specified colour scheme)								
	Glazed screen								
	CW Type 1	1	42.66	m2	£	1,450.00	£	61,857.00	SPONS 2020 pg.92
	CW Type 2	1	42.7	m2	£	1,450.00	£	61,915.00	SPONS 2020 pg.92
	CW Type 3	2	19.8	m2	£	1,450.00	£	57,420.00	SPONS 2020 pg.92
	CW Type 4	2	19.8	m2	£	1,450.00	£	57,420.00	SPONS 2020 pg.92
	CW Type 5	1	40.43	m2	£	1,450.00	£	58,623.50	SPONS 2020 pg.92
	CW Type 6	1	40.54	m2	£	1,450.00	£	58,783.00	SPONS 2020 pg.92
	CW Type 7	3	10.41	m2	£	1,450.00	£	45,283.50	SPONS 2020 pg.92
	CW Type 8	1	10.48	m2	£	1,450.00	£	15,196.00	SPONS 2020 pg.92
	CW Type 9a	1	38.05	m2	£	1,450.00	£	55,172.50	SPONS 2020 pg.92
	CW Type 9b	1	37.98	m2	£	1,450.00	£	55,071.00	SPONS 2020 pg.92
	CW Type 10	2	38.09	m2	£	1,450.00	£	110,461.00	SPONS 2020 pg.92
	CW Type 11	2	5.68	m2	£	1,450.00	£	16,472.00	SPONS 2020 pg.92
	CW Type 12	1	10.02	m2	£	1,450.00	£	14,529.00	SPONS 2020 pg.92
	CW Type 13	1	10.02	m2	£	1,450.00	£	14,529.00	SPONS 2020 pg.92
	CW Type 13b	1	9.93	m2	£	1,450.00	£	14,398.50	SPONS 2020 pg.92
	CW Type 13c	1	9.98	m2	£	1,450.00	£	14,471.00	SPONS 2020 pg.92
	CW Type 13d	2	10.09	m2	£	1,450.00	£	29,261.00	SPONS 2020 pg.92
	CW Type 14	8	9.11	m2	£	1,450.00	£	105,676.00	SPONS 2020 pg.92
	CW Type 15	2	9.8	m2	£	1,450.00	£	28,420.00	SPONS 2020 pg.92
	CW Type 16	3	17.4	m2	£	1,450.00	£	75,690.00	SPONS 2020 pg.92
	CW Type 17	2	17.43	m2	£	1,450.00	£	50,547.00	SPONS 2020 pg.92
	CW Type 18	2	17.46	m2	£	1,450.00	£	50,634.00	SPONS 2020 pg.92
	CW Type 20	2	4.37	m2	£	1,450.00	£	12,673.00	SPONS 2020 pg.92
	CW Type 24	1	17.41	m2	£	1,450.00	£	25,244.50	SPONS 2020 pg.92
	Extra for louvres		1	no	£	90,000.00	£	90,000.00	SPONS 2020 pg.92
	Windows and external doors								
	Provisional sum for: 2 x Electronic motion sensored double glazed revolving doors (Including draft excluders to the top and bottom of the doors and double glazed curved windows inbetween the 4 center columns, also includes all electrical kit)								
			1	no	£	95,000.00	£	95,000.00	
	External doors; powder coated aluminium glazed doorsets including ironmongery								
	Main Entrance (Manual opening double glazed aluminium doors)								SPONS 2020 pg.146
			2	no	£	115,000.00	£	230,000.00	
	Steel fire escape doors - Manual opening fire escape double glazed aluminium doors								SPONS 2020 pg.163 added 10% markup
			4	no	£	1,292.50	£	5,170.00	
	Aluminium window (Dark grey PPC - RAL 7016 - L10/330)								
	Aluminium triple glazed windows								
	W Type 1	4	1.1	nr	£	440.00	£	1,936.00	SPONS 2020 pg.163 added 10% markup
	W Type 2	14	3.26	nr	£	440.00	£	20,081.60	SPONS 2020 pg.163 added 10% markup
	W Type 2a	5	3.28	nr	£	440.00	£	7,216.00	SPONS 2020 pg.163 added 10% markup
	W Type 3	3	3.23	nr	£	440.00	£	4,263.60	SPONS 2020 pg.163 added 10% markup
	W Type 3a	1	3.23	nr	£	440.00	£	1,421.20	SPONS 2020 pg.163 added 10% markup
	W Type 4	1	3.24	nr	£	440.00	£	1,425.60	SPONS 2020 pg.163 added 10% markup
	W Type 5	7	4.39	nr	£	440.00	£	13,521.20	SPONS 2020 pg.163 added 10% markup
	W Type 6	3	4.35	nr	£	440.00	£	5,742.00	SPONS 2020 pg.163 added 10% markup
	2.7 Internal walls								
	Load-bearing timber stud partition faced with plasterboard, skim finish								
	Ground floor 100mm timber stud partition wall		524	m2	£	85.00	£	44,580.38	SPONS 2020 pg.151
	Linier Meterage of stud partition walls	149.85							
	Height	3.5							
	1st floor 100mm timber stud partition wall		330	m2	£	85.00	£	28,036.40	SPONS 2020 pg.151
	Linier Meterage of stud partition walls	94.24							
	Height	3.5							
	2nd floor 100mm timber stud partition wall		779	m2	£	85.00	£	66,190.78	SPONS 2020 pg.151
	Linier Meterage of stud partition walls	222.49							
	Height	3.5							
	2.8 Internal doors & screens								
	Standard fire doors; cellular core; softwood lining; softwood architrave; aluminium ironmongery (lockable, self-closure); painting or polishing;								SPONS 2020 pg.206
	double leaf; Oak veneered; 30 min fire resistance; polished								
			72	nr	£	1,400.00	£	100,800.00	
3	INTERNAL FINISHES							£ 333,831.24	
3.1	Wall finishes								
	One mist and two coats emulsion paint								SPONS 2020 pg.207
	Ground floor 100mm timber stud partition wall		524	m2	£	5.10	£	2,674.82	SPONS 2020 pg.207
	1st floor 100mm timber stud partition wall		330	m2	£	5.10	£	1,682.18	SPONS 2020 pg.207
	2nd floor 100mm timber stud partition wall		779	m2	£	5.10	£	3,971.45	SPONS 2020 pg.207

