DRAWING REGISTER & ISSUE SHEET

BENCHMARK ARCHITECT

PROJECT NAME:	**ACTION4YOUTH**
PROJECT NUMBER:	**PB22003**
CLIENT:	**JENIFER CAMERON**
DRAWING STAGE:	**RIBA STAGE 4**

We enclose copies of the drawings highlighted below:

Stage / Drawing	Size/Scale	Drawing number																													
01 DEMOLITION																															
Demolition Plan	A0/1:50	04-01-000	•	P1	P2			P3	P3																						
Demolition Elevations	A0/1:50	04-01-100	•	P1				P2	P2																						
03 GA PLANS																															
Proposed GA Plans	A0/1:50	04-03-000	•	P1	P2		P2	P3	P4	P4																					
04 SECTIONS																															
Proposed Sections	A0/1:50	04-04-000	•	P1				P2	P2																						
05 ELEVATIONS																															
Proposed Elevations	A0/1:50	04-05-000	•	P1				P2	P2																						
06 DETAILS																															
Timber Screen Key Drawing	A1/1:50	04-06-100	•	P1				P2	P2																						
Finishes Plan	A0/1:50	04-06-101				•		P1	P1																						
31 WINDOWS																															
Window Schedule	A0/1:20	04-31-000						•	•																						
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68 FIRE STRATEGY																															
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Date of Issue		Day	30	10	17	31	2	22	6	19																					
		Month	6	7	7	7	8	8	9	9																					
		Year	23	23	23	23	23	23	23	23																					

Distribution / Number of copies / FILE TYPE P=PDF, D=DWG, F=DWF, IF

NAME																															
JENIFER CAMERON					P			P																							
MKCC Building Control							P																								
HTS						P/D																									
Hore Lea									P		P/D	P/D																			
Ironmongary										P																					
ISSUED BY						IZ	IZ	IZ	IZ	IZ	IZ	IZ																			
CHECKER						MM	MM	MM	MM	MM	MM	MM																			
PURPOSE OF ISSUE						I	I	I	I	I	I	I																			

I-Information /C-Comment/Pl-Pla

GENERAL NOTES

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THERMAL BRIDGING
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ALL DIMENSIONS INDICATIVE ONLY. DIMENSIONS TO BE CONFIRMED ON SITE AND REPORTED BACK TO ARCHITECT IN CASE OF DISCREPANCY.

ALL OPENING DIMS TBC ONSITE PRIOR TO FABRICATION OF WINDOWS AND DOORS.

NEW DRAINAGE CONNECTIONS TO BE CONFIRMED ON SITE

Wall Type - External

EXT 01

MASONRY CAVITY WALL:
To achieve minimum U-Value of 0.26W/m²K. New cavity wall comprising brick outer leaf to match existing, full-fill cavity with 120mm ROCKWOOL Cavity insulation to manufacturer's details. Inner leaf of 100mm medium density block work with dot & dab plasterboard lining and skim finish to line through with existing. External leaf to be painted with with Dyebrick stain colour charcoal or similar, colour TBC by client.

EXT 01B

MASONRY CAVITY WALL:
(Same as EXT01 but without insulation)

EXT 01/ 01B

MASONRY CAVITY WALL:
(Outer leaf to be painted with Dye brick stain colour charcoal or similar, as well as existing timber detailing on outer leaf to be finished with Dulux paint to match proposed brick stain, colour TBC by client. Colour and finish subject to planning conditions, to be discharged prior to procurment.)

EXT 02

ENTRANCE GOAL POST:
External grade Rockpanel on aluminium rails to block work nib. RAL Colour 3028 - Pure Red on internal chamfered reveal RAL Colour on external Reveal RAL 7021. Colours TBC by client, S.E. to advice on wind posts.

Wall Type - Internal

INT 01

INTERNAL STUD WALLS:
One layer of Gyproc WallBoard 15mm each side of Gypframe 70 S 50 'C' Studs at 600mm centers. For heights up to 3800mm. (size and centers to S.E. specification to suit 3.8m vertical span).

INT 01B

INTERNAL STUD WALLS WITH LAMINATE FINISH:
(Same as INT01 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 02

MASONRY WALL:
Brickwork with dot & dab plasterboard lining and plaster finish to line through with existing adjacent wall. (Brickwork specification TBC by S.E.)

INT 02B

MASONRY WALL:
(Same as INT02 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 03

BLOCKWORK DIVIDING WALL:
Medium density 100mm blockwork (S.E. to confirm) with skim finish to each side.

INT 03B

BLOCKWORK DIVIDING WALL:
(Same as INT03 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 04

INTERNAL STUD WALLS:
Two layers of Gyproc WallBoard 12.5mm each side of Gypframe 146 S 50 'C' Studs at 600mm centers. For heights up to 7600mm. (size and centers to S.E. specification to suit 6.1m vertical span).

Floor Type Details

FT 01

SOLID GROUND FLOOR - INSULATION ABOVE EXISTING SLAB:
To achieve minimum overall U-Value 0.18W/m²K.
Floor finishes to client spec on 75mm screed on 450mm void Former, on 70mm Kingspan K103 on existing floor slab. Any additional requirements of damp proofing TBC by contractor after strip out.

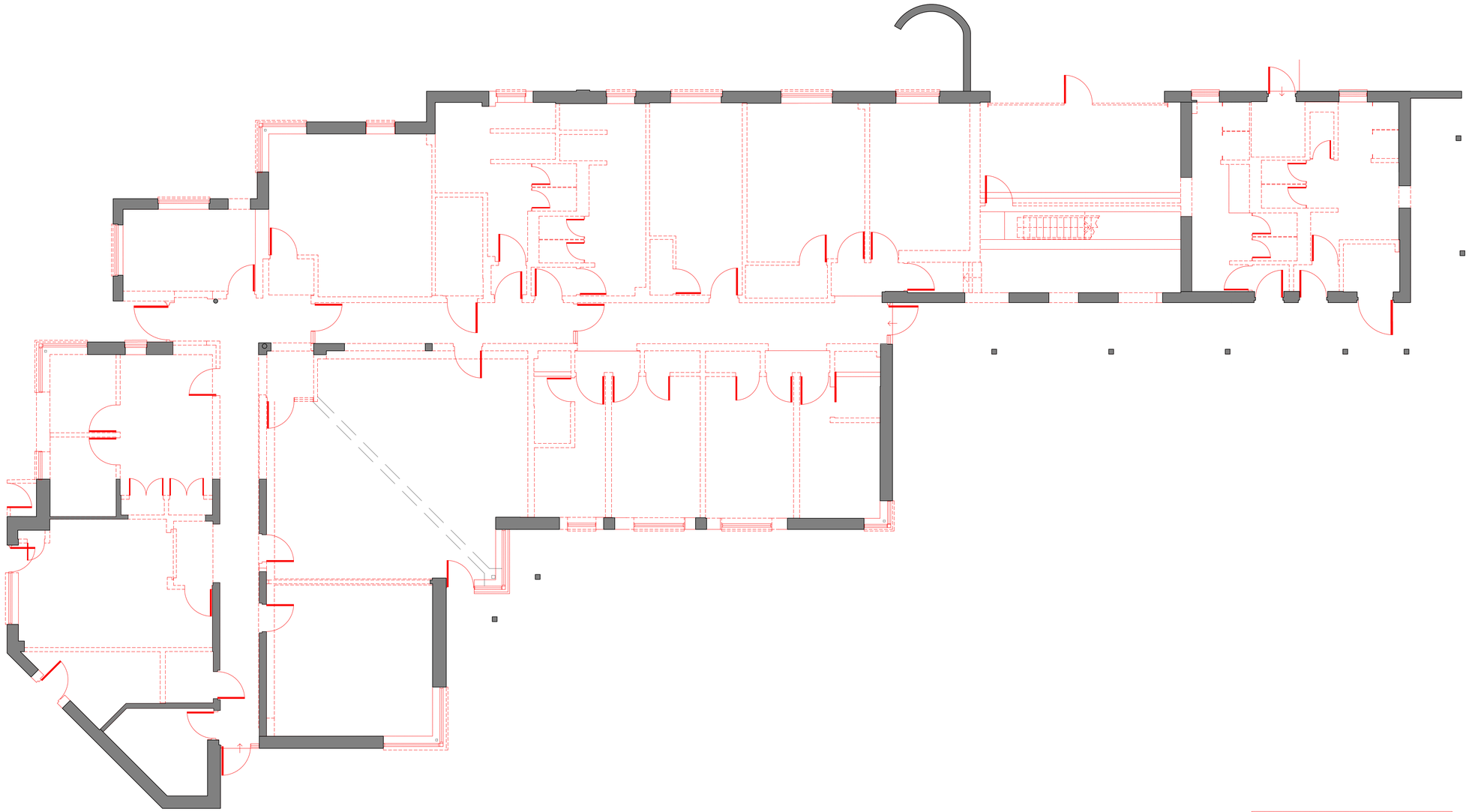
FT 02

SOLID GROUND FLOOR :
To achieve minimum overall U-Value 0.18W/m²K.
RC slab to S.E design and specification. With DPM below (unheated space).

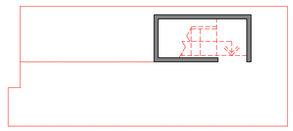
Roof Details

RT 01

Flat Roof Timber Deck Adhered :
To achieve minimum overall U-Value 0.36W/m²K. 1.5mm single ply membrane on 60mm Thermaroof TR27. A 3mm Vapour Check Bituminous on 18mm Plywood deecking with 150mm timber joists, timber joist cavity to be 150mm, 12.5mm plaster board with 3mm skim finish.



Proposed Demolition Ground Floor Plan (1:50) TBC with S.E.



Proposed Demolition First Floor Plan (1:50) TBC with S.E.

Date	Rev	
30.06.2023	-	First Issue (IZ)
10.07.2023	P1	Drawings updated following client comments (IZ)
17.07.2023	P2	Drawing updated following HTS comments (IZ)
23.08.2023	P3	Drawing amended for Final Building Regulations Pack DRAFT Issue (IZ)

BENCHMARK ARCHITECTS

Project Title:	ACTIONYOUTH
Drawing Title:	PROPOSED DEMOLITION PLAN
Client:	JENIFER CAMERON
Date:	17-05-2023
Scale:	1:50@A0
Project No:	P832003
Drawing No:	04-01-000
Revision:	P3

The Gridiron Building, 1 Pancras Square, London N1C 4AG & 90 Dunstable Street, Ampthill, Bedford MK45 2JR t:02035357902 t:01525300612 www.BENCHMARKARCHITECTS.com

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NEW DRAINAGE CONNECTIONS TO BE CONFIRMED ON SITE

Wall Type - External

EXT 01

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EXT 01B

MASONRY CAVITY WALL:
(Same as EXT01 but without insulation)

EXT 01/ 01B

MASONRY CAVITY WALL:
(Outer leaf to be painted with Dye brick stain colour charcoal or similar, as well as existing timber detailing on outer leaf to be finished with Dulux paint to match proposed brick stain, colour TBC by client. Colour and finish subject to planning conditions, to be discharged prior to procurment.)

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External grade Rockpanel on aluminium rails to block work nib. RAL Colour 3028 - Pure Red on internal chamfered reveal RAL Colour on external Reveal RAL 7021. Colours TBC by client, S.E. to advice on wind posts.

Wall Type - Internal

INT 01

INTERNAL STUD WALLS:
One layer of Gyproc WallBoard 15mm each side of Gypframe 70 S 50 'C' Studs at 600mm centers. For heights up to 3800mm. (size and centers to S.E. specification to suit 3.8m vertical span).

INT 01B

INTERNAL STUD WALLS WITH LAMINATE FINISH:
(Same as INT01 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 02

MASONRY WALL:
Brickwork with dot & dab plasterboard lining and plaster finish to line through with existing adjacent wall. (Brickwork specification TBC by S.E.)

INT 02B

MASONRY WALL:
(Same as INT02 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 03

BLOCKWORK DIVIDING WALL:
Medium density 100mm blockwork (S.E. to confirm) with skim finish to each side.

INT 03B

BLOCKWORK DIVIDING WALL:
(Same as INT03 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 04

INTERNAL STUD WALLS:
Two layers of Gyproc WallBoard 12.5mm each side of Gypframe 146 S 50 'C' Studs at 600mm centers. For heights up to 7600mm. (size and centers to S.E. specification to suit 6.1m vertical span).

Floor Type Details

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Floor finishes to client spec on 75mm screed on 450mm void Former, on 70mm Kingspan K103 on existing floor slab. Any additional requirements of damp proofing TBC by contractor after strip out.

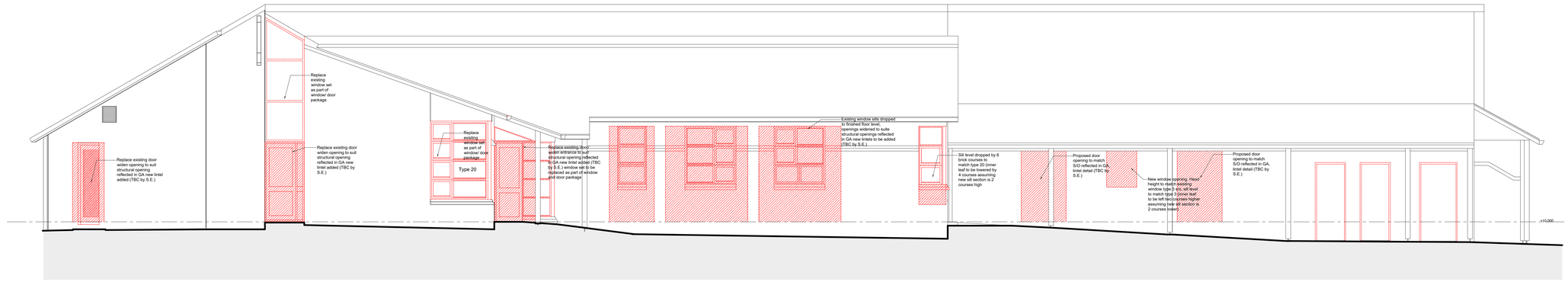
FT 02

SOLID GROUND FLOOR :
To achieve minimum overall U-Value 0.18W/m²K.
RC slab to S.E design and specification. With DPM below (unheated space).

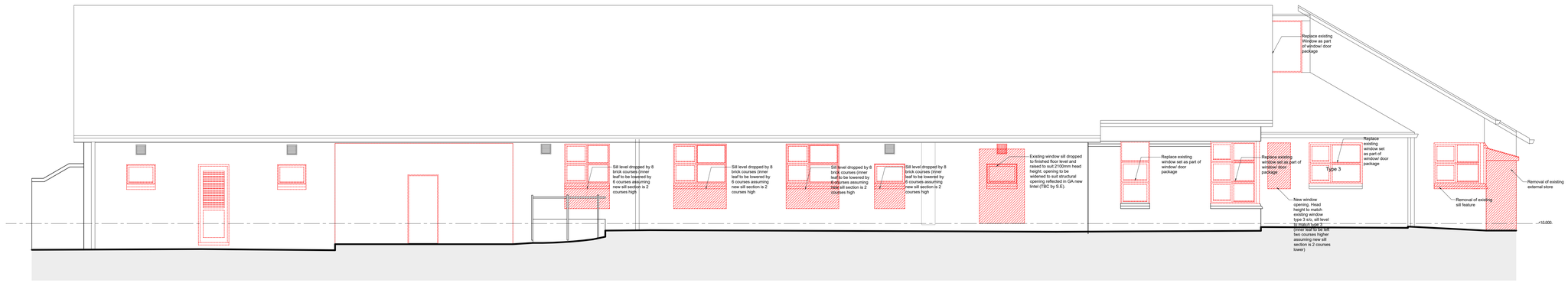
Roof Details

RT 01

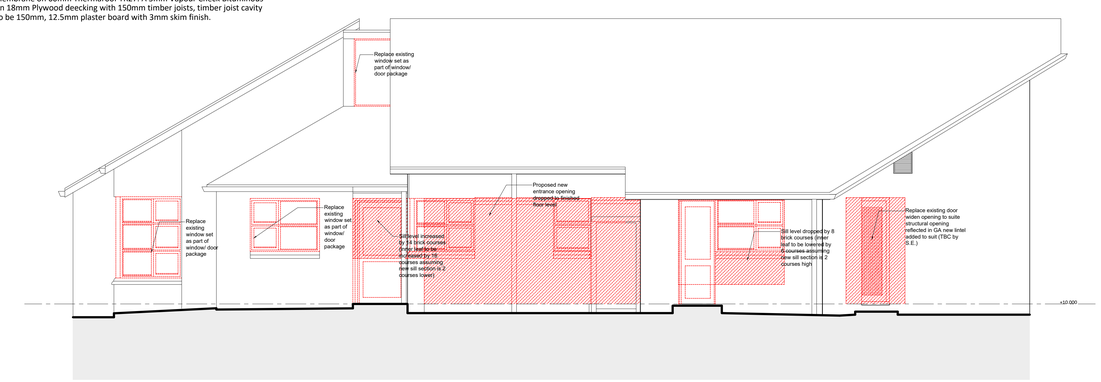
Flat Roof Timber Deck Adhered :
To achieve minimum overall U-Value 0.36W/m²K. 1.5mm single ply membrane on 60mm Thermaroof TR27. A 3mm Vapour Check Bituminous on 18mm Plywood deecking with 150mm timber joists, timber joist cavity to be 150mm, 12.5mm plaster board with 3mm skim finish.



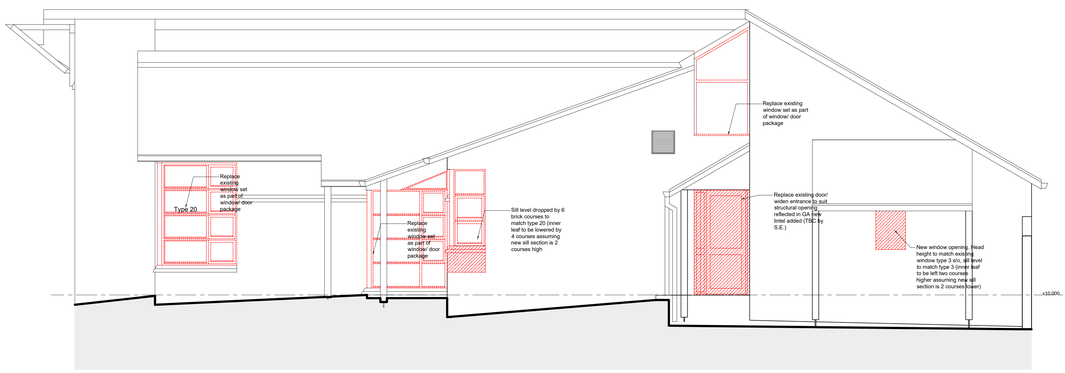
Side South Elevation (1:50)



Side North Elevation (1:50)



Front West Elevation (1:50)



Rear East Elevation (1:50)

Date:	Rev	
30.06.2023		First Issue (I2)
10.07.2023	P1	Drawing updated following client comments (I2)
23.08.2023	P2	Drawing amended for Final Building Regulations Pack DRAFT Issue (I2)

BENCHMARK ARCHITECTS

Project Title:	ACTIONYOUTH	Project No:	P822003
Drawing Title:	PROPOSED DEMOLITION ELEVATIONS	Drawing No:	04-01-100
Client:	JENIFER CAMERON	Revision:	P2
Date:	17-05-2023		
Scale:	1:50@A0		

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NEW DRAINAGE CONNECTIONS TO BE CONFIRMED ON SITE

Wall Type - External

EXT 01
MASONRY CAVITY WALL:
To achieve minimum U-Value of 0.26W/m²K. New cavity wall comprising brick outer leaf to match existing, full-fill cavity with 120mm ROCKWOOL Cavity insulation to manufacturer's details. Inner leaf of 100mm medium density block work with dot & dab plasterboard lining and skim finish to line through with existing. External leaf to be painted with with Dyebrick stain colour charcoal or similar, colour TBC by client.

EXT 01B
MASONRY CAVITY WALL:
(Same as EXT01 but without insulation)

EXT 01/ 01B
MASONRY CAVITY WALL:
(Outer leaf to be painted with Dye brick stain colour charcoal or similar, as well as existing timber detailing on outer leaf to be finished with Dulux paint to match proposed brick stain, colour TBC by client. Colour and finish subject to planning conditions, to be discharged prior to procurment.)

EXT 02
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Wall Type - Internal

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INTERNAL STUD WALLS:
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INT 01B
INTERNAL STUD WALLS WITH LAMINATE FINISH:
(Same as INT01 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 02
MASONRY WALL:
Brickwork with dot & dab plasterboard lining and plaster finish to line through with existing adjacent wall. (Brickwork specification TBC by S.E.)

INT 02B
MASONRY WALL:
(Same as INT02 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 03
BLOCKWORK DIVIDING WALL:
Medium density 100mm blockwork (S.E. to confirm) with skim finish to each side.

INT 03B
BLOCKWORK DIVIDING WALL:
(Same as INT03 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 04
INTERNAL STUD WALLS:
Two layers of Gyproc WallBoard 12.5mm each side of Gypframe 146 S 50 'C' Studs at 600mm centers. For heights up to 7600mm. (size and centers to S.E. specification to suit 6.1m vertical span).

Floor Type Details

FT 01
SOLID GROUND FLOOR - INSULATION ABOVE EXISTING SLAB:
To achieve minimum overall U-Value 0.18W/m²K.
Floor finishes to client spec on 75mm screed on 450mm void Former, on 70mm Kingspan K103 on existing floor slab. Any additional requirements of damp proofing TBC by contractor after strip out.

FT 02
SOLID GROUND FLOOR :
To achieve minimum overall U-Value 0.18W/m²K.
RC slab to S.E design and specification. With DPM below (unheated space).

Roof Details

RT 01
Flat Roof Timber Deck Adhered :
To achieve minimum overall U-Value 0.36W/m²K. 1.5mm single ply membrane on 60mm Thermaroof TR27. A 3mm Vapour Check Bituminous on 18mm Plywood deecking with 150mm timber joists, timber joist cavity to be 150mm, 12.5mm plaster board with 3mm skim finish.

Structures Key

REFER TO S.E. DRAWINGS FOR FURTHER DETAIL

New B2 box frame installed below masonry spine wall. T0S to be 1m below underside of ridge beam, Allow for 15mm plate welded to top of beam to suit width masonry.

New B1 box frame installed below masonry spine wall. T0S to be 1m below underside of ridge beam, Allow for 15mm plate welded to top of beam to suit width masonry.

Proposed beam to span onto padstones to form new entrance. Existing beam to be investigated as it may span full distance.

Existing structural beam to be retained

New C1 column to be installed in line with existing brick spine wall. New foundations required below - to be sat on virgin ground refer to S.E. drawings.

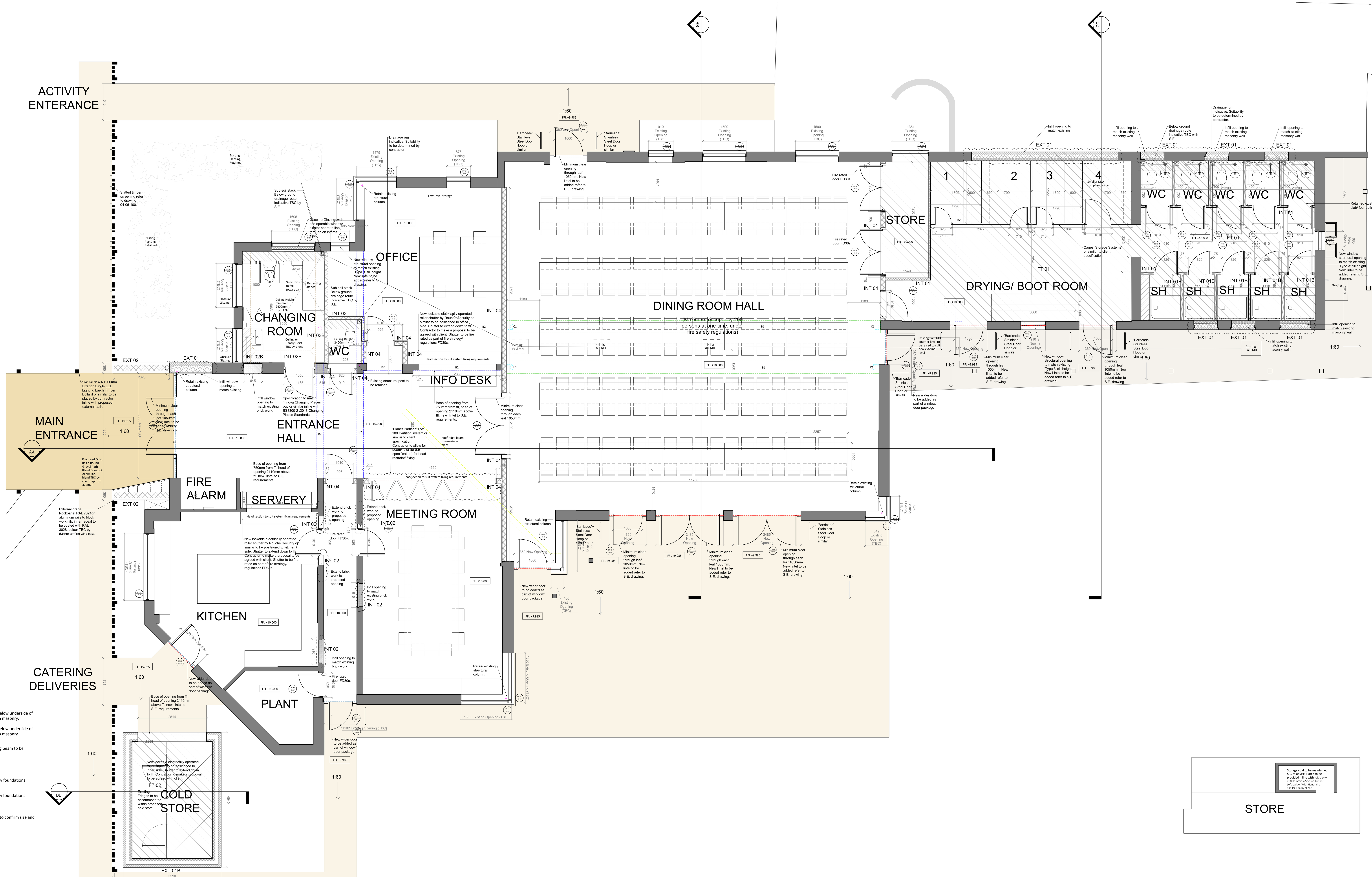
New C2 column to be installed in line with existing brick spine wall. New foundations required below - to be sat on virgin ground refer to S.E. drawings.

Existing structural columns to be retained. Site investigations required to confirm size and connection details of existing column.Refer to S.E. drawing

New stainless steel lintels to suit. Refer to S.E. drawings.

Threshold slot drainage indicative TBC with client.

Indicative hoist structure to be clarified with Changing Places provider.



Ground Floor GA Plan (1:50)

First Floor GA Plan (1:50)

Date	Rev	
30.06.2023	-	First Issue (IZ)
10.07.2023	P1	Drawing updated following client comments (IZ)
17.07.2023	P2	Drawing updated following HTS comments (IZ)
31.07.2023	P3	Updarted drawing following Building Contol comments (IZ)
23.08.2023	P4	Drawing amended for Final Building Regulations Pack DRAFT Issue (IZ)

BENCHMARK ARCHITECTS

Project Title: ACTION4YOUTH
Drawing Title: PROPOSED GA PLANS
Client: JENIFER CAMERON
Date: 17-05-2023
Scale: 1:50@A0

Project No: PB22003
Drawing No: 04-03-000
Revision: P4

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EXT 01B
MASONRY CAVITY WALL:
(Same as EXT01 but without insulation)

EXT 01/ 01B
MASONRY CAVITY WALL:
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INT 01B
INTERNAL STUD WALLS WITH LAMINATE FINISH:
(Same as INT01 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 02
MASONRY WALL:
Brickwork with dot & dab plasterboard lining and plaster finish to line through with existing adjacent wall. (Brickwork specification TBC by S.E.)

INT 02B
MASONRY WALL:
(Same as INT02 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 03
BLOCKWORK DIVIDING WALL:
Medium density 100mm blockwork (S.E. to confirm) with skim finish to each side.

INT 03B
BLOCKWORK DIVIDING WALL:
(Same as INT03 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 04
INTERNAL STUD WALLS:
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FT 02
SOLID GROUND FLOOR :
To achieve minimum overall U-Value 0.18W/m²K.
RC slab to S.E design and specification. With DPM below (unheated space).

Roof Details

RT 01
Flat Roof Timber Deck Adhered :
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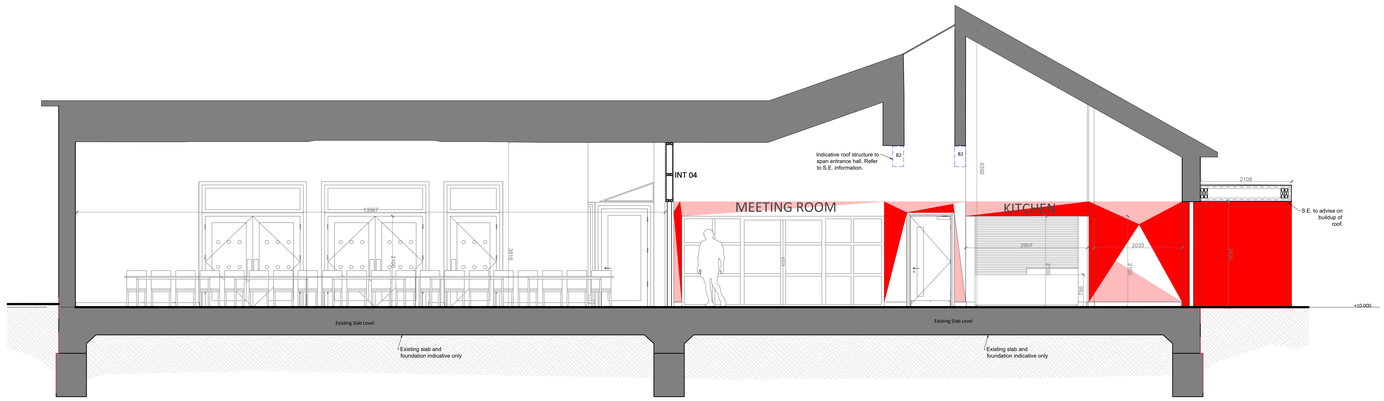
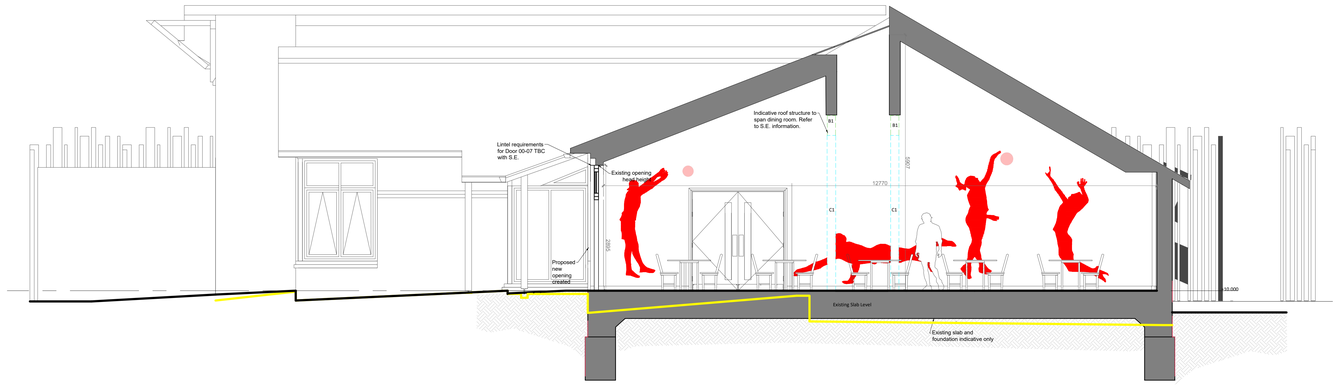
Key

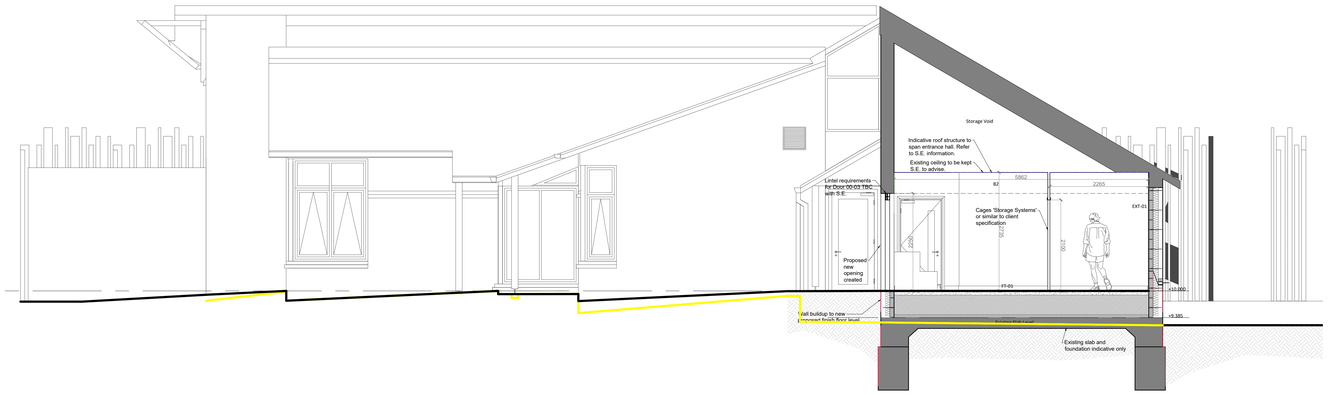
Indicative vinyl/ paint application.
REFER TO INTERIOR PACKAGE AND FINISHES PLAN TBC by client.



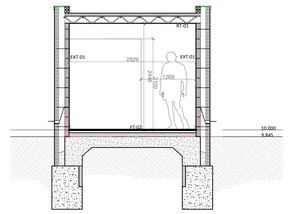
Proposed Section AA (1:50)



Proposed Section BB (1:50)



Proposed Section CC (1:50)



Proposed Section DD (1:50)

Date	Rev	
30.06.2023	-	First Issue (IZ)
10.07.2023	P1	Drawing updated following client comments (IZ)
23.08.2023	P2	Drawing amended for Final Building Regulations Pack DRAFT Issue (IZ)

BENCHMARK ARCHITECTS

Project Title: ACTIONYOUTH
Drawing Title: PROPOSED SECTIONS
Client: JENIFER CAMERON
Date: 17.05.23
Scale: 1:50@A0

Project No: P822003
Drawing No: 04-04-000
Revision: P2

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GENERAL NOTES

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(b) Exceeds 500 person days.

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THERMAL BRIDGING
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ALL OPENING DIMS TBC ONSITE PRIOR TO FABRICATION OF WINDOWS AND DOORS.

NEW DRAINAGE CONNECTIONS TO BE CONFIRMED ON SITE

Wall Type - External

EXT 01
MASONRY CAVITY WALL:
To achieve minimum U-Value of 0.26W/m²K. New cavity wall comprising brick outer leaf to match existing, full-fill cavity with 120mm ROCKWOOL Cavity insulation to manufacturer's details. Inner leaf of 100mm medium density block work with dot & dab plasterboard lining and skim finish to line through with existing. External leaf to be painted with with Dyebrick stain colour charcoal or similar, colour TBC by client.

EXT 01B
MASONRY CAVITY WALL:
(Same as EXT01 but without insulation)

EXT 01/ 01B
MASONRY CAVITY WALL:
(Outer leaf to be painted with Dye brick stain colour charcoal or similar, as well as existing timber detailing on outer leaf to be finished with Dulux paint to match proposed brick stain, colour TBC by client. Colour and finish subject to planning conditions, to be discharged prior to procurment.)

EXT 02
ENTRANCE GOAL POST:
External grade Rockpanel on aluminium rails to block work nib. RAL Colour 3028 - Pure Red on internal chamfered reveal RAL Colour on external Reveal RAL 7021. Colours TBC by client, S.E. to advice on wind posts.

Wall Type - Internal

INT 01
INTERNAL STUD WALLS:
One layer of Gyproc WallBoard 15mm each side of Gypframe 70 S 50 'C' Studs at 600mm centers. For heights up to 3800mm. (size and centers to S.E. specification to suit 3.8m vertical span).

INT 01B
INTERNAL STUD WALLS WITH LAMINATE FINISH:
(Same as INT01 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 02
MASONRY WALL:
Brickwork with dot & dab plasterboard lining and plaster finish to line through with existing adjacent wall. (Brickwork specification TBC by S.E.)

INT 02B
MASONRY WALL:
(Same as INT02 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 03
BLOCKWORK DIVIDING WALL:
Medium density 100mm blockwork (S.E. to confirm) with skim finish to each side.

INT 03B
BLOCKWORK DIVIDING WALL:
(Same as INT03 but moisture resistant plaster to be used with 10mm laminate finish stud centers to suit.)

INT 04
INTERNAL STUD WALLS:
Two layers of Gyproc WallBoard 12.5mm each side of Gypframe 146 S 50 'C' Studs at 600mm centers. For heights up to 7600mm. (size and centers to S.E. specification to suit 6.1m vertical span).

Floor Type Details

FT 01
SOLID GROUND FLOOR - INSULATION ABOVE EXISTING SLAB:
To achieve minimum overall U-Value 0.18W/m²K.
Floor finishes to client spec on 75mm screed on 450mm void Former, on 70mm Kingspan K103 on existing floor slab. Any additional requirements of damp proofing TBC by contractor after strip out.

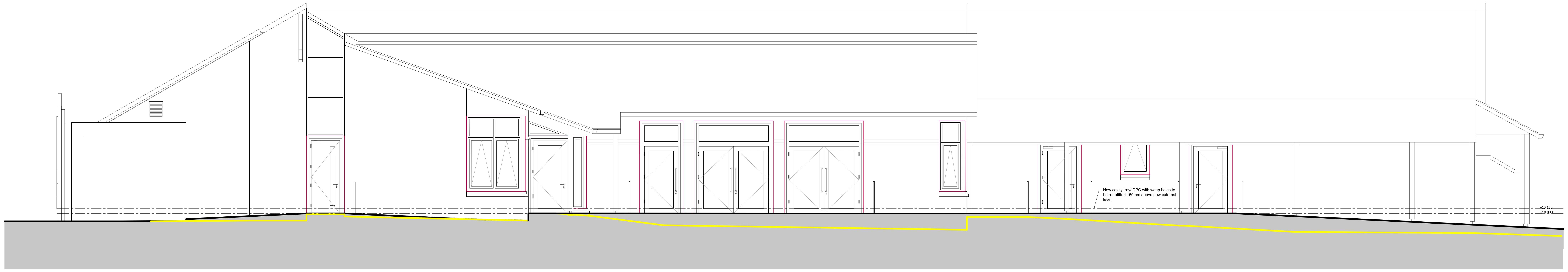
FT 02
SOLID GROUND FLOOR :
To achieve minimum overall U-Value 0.18W/m²K.
RC slab to S.E design and specification. With DPM below (unheated space).

Roof Details

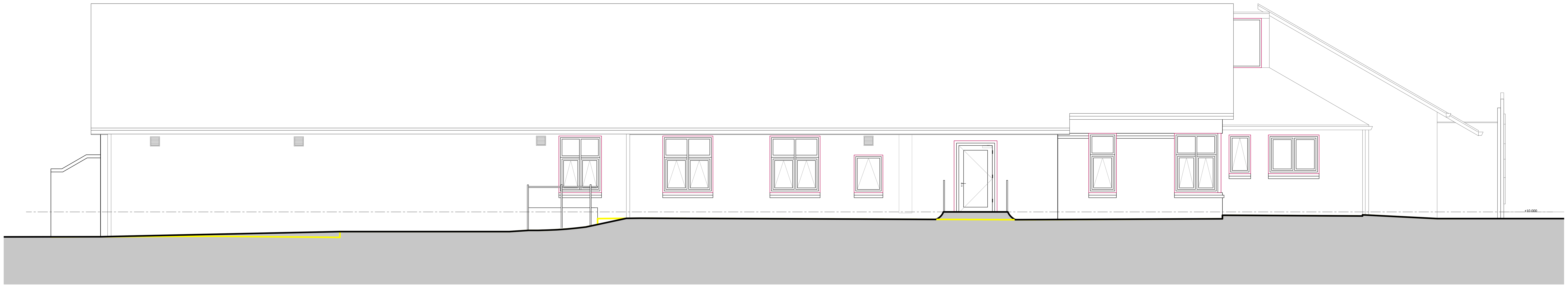
RT 01
Flat Roof Timber Deck Adhered :
To achieve minimum overall U-Value 0.36W/m²K. 1.5mm single ply membrane on 60mm Thermaroof TR27. A 3mm Vapour Check Bituminous on 18mm Plywood deecking with 150mm timber joists, timber joist cavity to be 150mm, 12.5mm plaster board with 3mm skim finish.

Key

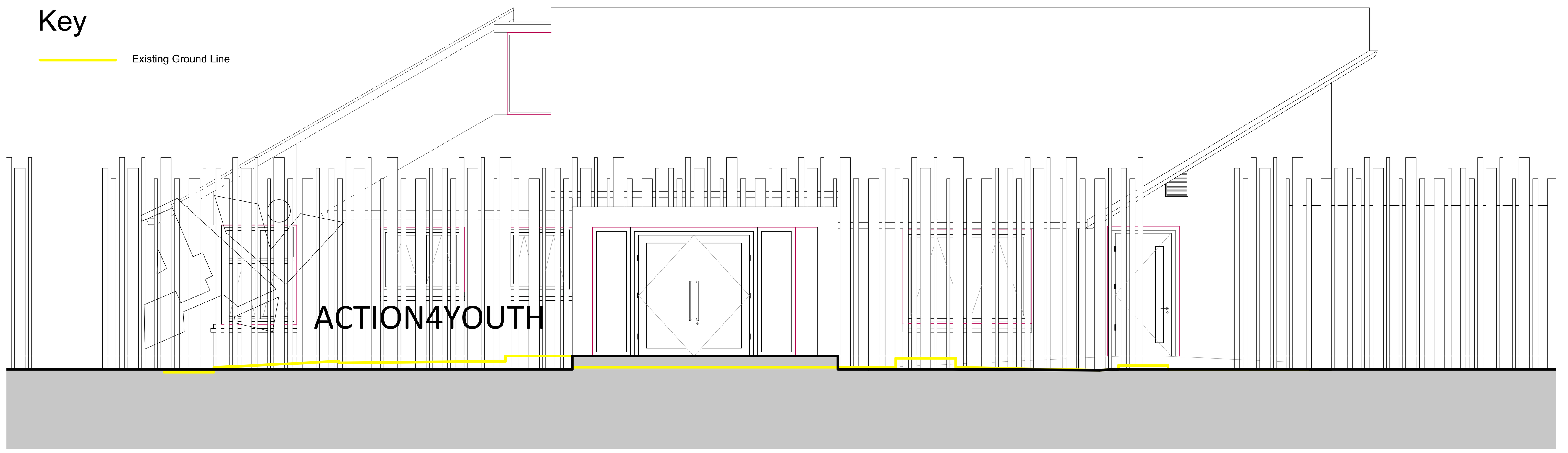
Existing Ground Line



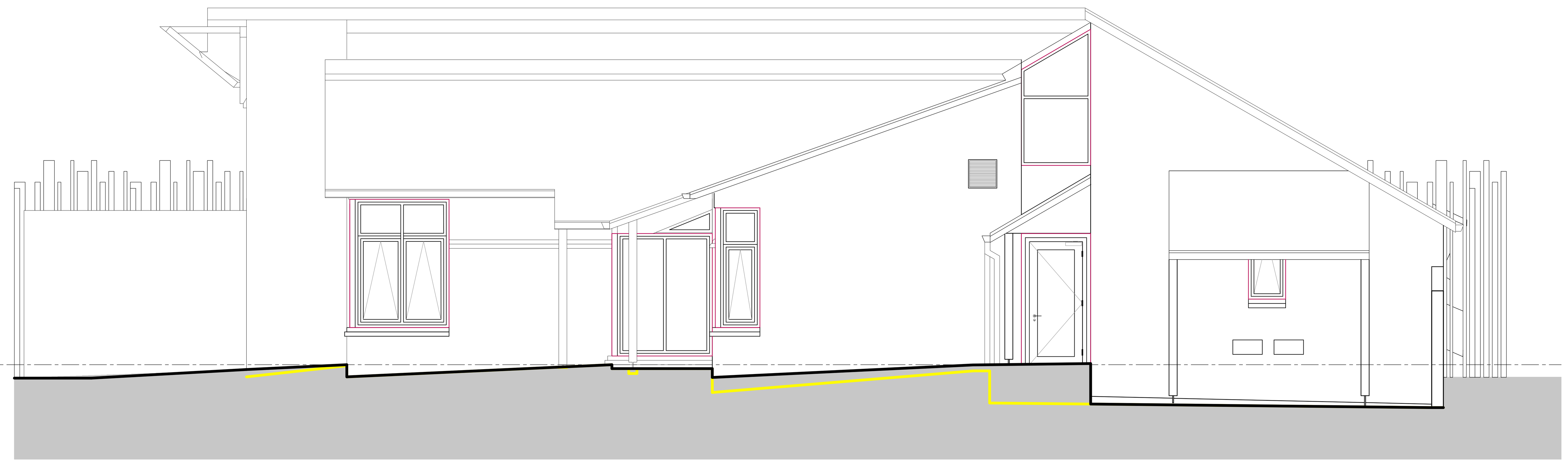
Side South Elevation (1:50)



Side North Elevation (1:50)



Front West Elevation (1:50)



Rear East Elevation (1:50)

Date	Rev	
30.06.2023	-	First Issue (IZ)
10.07.2023	P1	Drawing updated following client comments (IZ)
23.08.2023	P2	Drawing amended for Final Building Regulations Pack DRAFT Issue (IZ)

BENCHMARK ARCHITECTS

Project Title: ACTION4YOUTH
Drawing Title: PROPOSED ELEVATIONS

Client: JENIFER CAMERON
Date: 17-05-2023
Scale: 1:50@A0

Project No: PB22003
Drawing No: 04-05-000
Revision: P2

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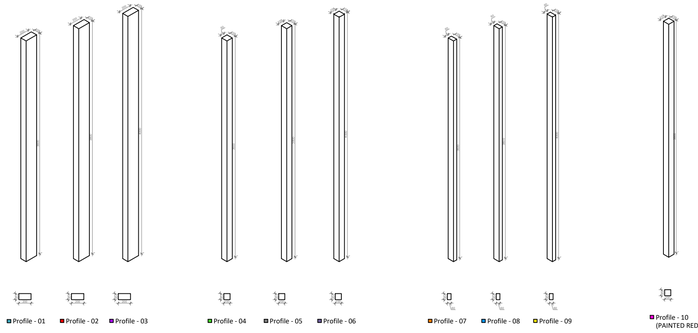
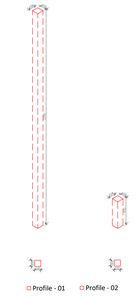
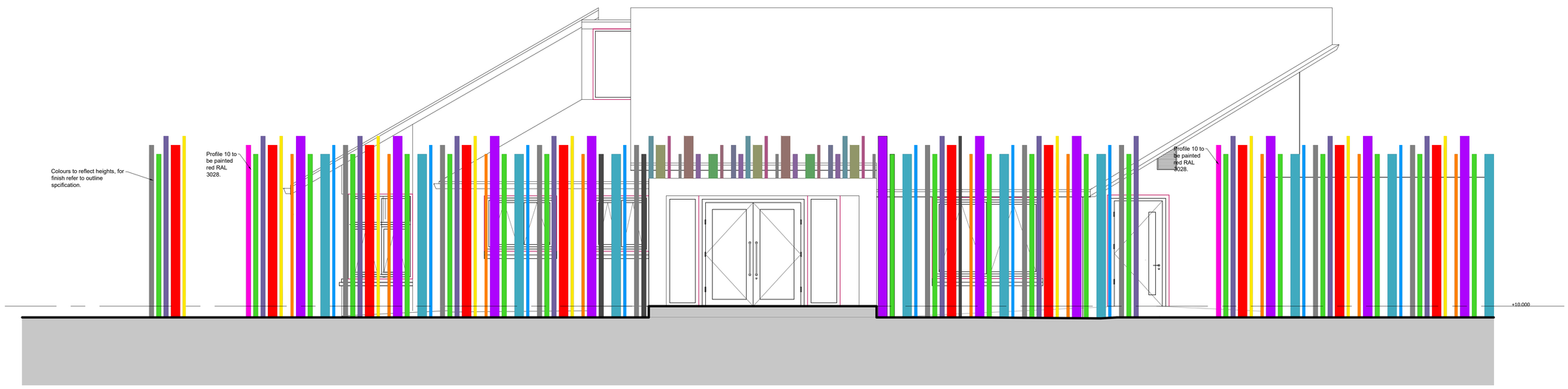


Timber Profile Heights

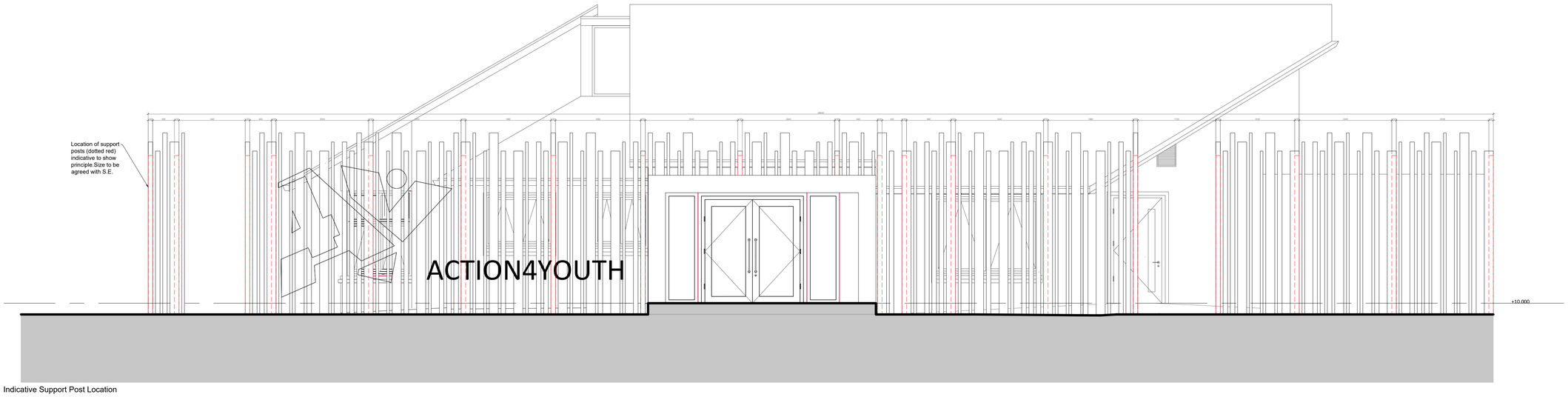
(Repeated) Pattern Gap Dimension



Support Post Profile



Profile Location



Indicative Support Post Location

Date	Rev	
30.06.2023	-	First Issue (IZ)
10.07.2023	P1	Drawing updated following client comments (IZ)
23.08.2023	P2	Drawing amended for Final Building Regulations Pack DRAFT Issue (IZ)

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HEALTH AND SAFETY INFORMATION

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BENCHMARK ARCHITECTS

Project Title: ACTION4YOUTH
Drawing Title: TIMBER SCREEN KEY DRAWING
Client: JENIFER CAMERON
Date: 17-05-2023
Scale: 1:50 @A1

Project No: PB22003
Drawing No: 04-06-100
Revision: P2

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ALL OPENING DIMS TBC ONSITE PRIOR TO FABRICATION OF WINDOWS AND DOORS.

NEW DRAINAGE CONNECTIONS TO BE CONFIRMED ON SITE

Key

Wall Finishes TBC by Client

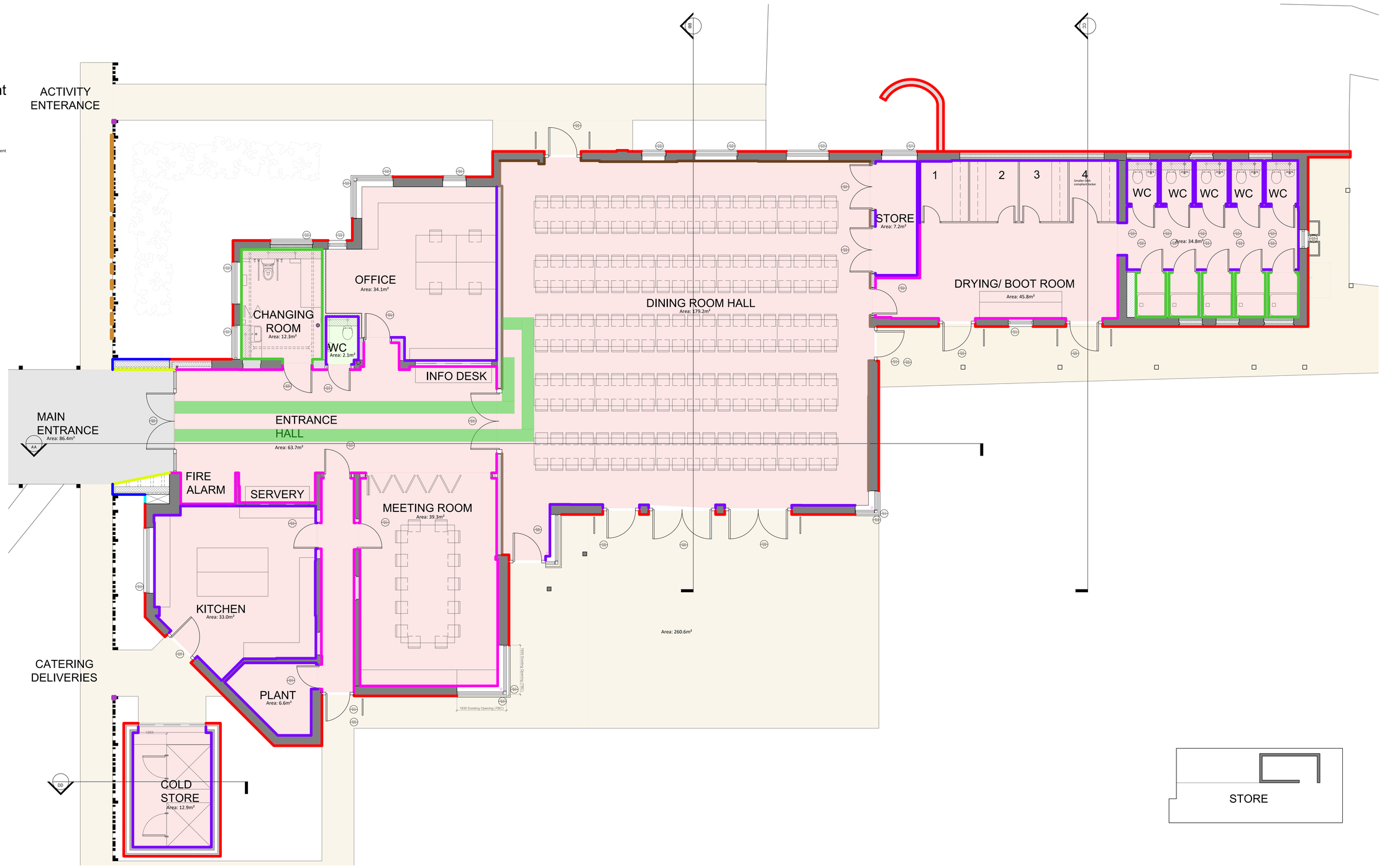
- Outer leaf to be painted with Dyebrick stain colour charcoal, TBC by client. Colour and finish subject to planning condition, to be discharged prior to procurement.
- Dulux Absolute White paint finish TBC by client
- Laminate panel finish Screwfix or similar laminate product TBC by client
- 40% Dennison's 700 Premium Vinyl Film 60% Dulux Absolute White paint finish TBC by client
- 100% Dennison's 700 Premium Vinyl Film
- Timber cladding application
- External grade Rockpanel RAL 3028 Pure Red on inner reveal TBC by client. Colour and finish subject to planning condition, to be discharged prior to procurement.
- External grade Rockpanel RAL 7021 on outer reveal TBC by client. Colour and finish subject to planning condition, to be discharged prior to procurement.
- PPC Aluminium Flashing RAL 7021 TBC by client. Colour and finish subject to planning condition, to be discharged prior to procurement.
- Dulux Painted timber to match RAL 3028 Pure Red TBC by client. Colour and finish subject to planning condition, to be discharged prior to procurement.
- Aluminium Signage RAL 3028 Pure Red to match TBC by client. Colour and finish subject to planning condition, to be discharged prior to procurement.

Floor Finishes

- Grey vinyl flooring, TBC by client
- Dennison's 700 Premium Vinyl Film. Colour TBC by client
- Oltco Resin Bound Gravel or similar. Colour blend Crantock TCB by client
- Pavers to match existing TBC by client.

Total Internal Finishes Area Approx: 475.9m²

Total External Finishes Area Approx: 347m²



Ground Floor Finishes Plan (1:50)

First Floor Finishes Plan (1:50)

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Date	Rev	
31.07.2023	-	First Issue (IZ)
23.08.2023	P1	Drawing amended for Final Building Regulations Pack DRAFT Issue (IZ)

BENCHMARK ARCHITECTS

Project Title: ACTIONYOUTH
Drawing Title: FINISHES PLAN
Client: JENIFER CAMERON
Date: 17-06-2023
Scale: 1:50@A0

Project No: P822003
Drawing No: 04-06-101
Revision: P1

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NEW DRAINAGE CONNECTIONS TO BE CONFIRMED ON SITE

GENERAL NOTES

All windows to be secured by a key operated lock fitted independently of the existing fastener unless the lock forms part of the original fastener design, TBC by client.

Restrictors to be installed on all hung opening units to provide a opening at 15 degrees - subject to ventilation confirmation.

All opening vent sizes to be confirmed upon confirmation ventilation requirement by M&E.

All windows and glazing to provide adequate performance in compliance with BS 6375.

Glass thicknesses determined to BS 6262-4: 1994. Safety glass to comply with BS 6202 and provided in locations in accordance with BS 6265.

All opening lights to include locks.

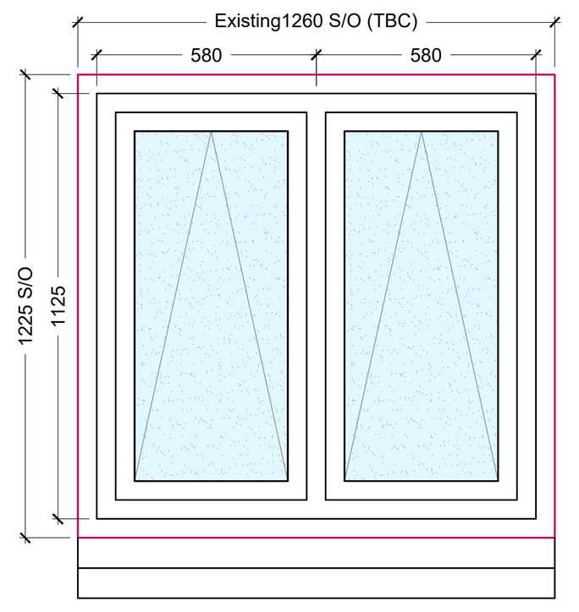
THERMAL PERFORMANCE REQUIREMENTS

U-VALUE 1.6 W/m2k (overall)
G-VALUE: xxx
Air permeability: N/A, however all windows to sealed to openings. Should be well fitted.
All units to be sealed around perimeter with colour matched silicone sealant.

FINISH

All window frames to be Polyester Powder Coated, Akzonobel Interpon D2525 (or equivalent). Powder coating to comply with BS 6496 to be factory applied by approved installer.

RAL Colour: RAL 7012 Basaltgrau, TBC by client



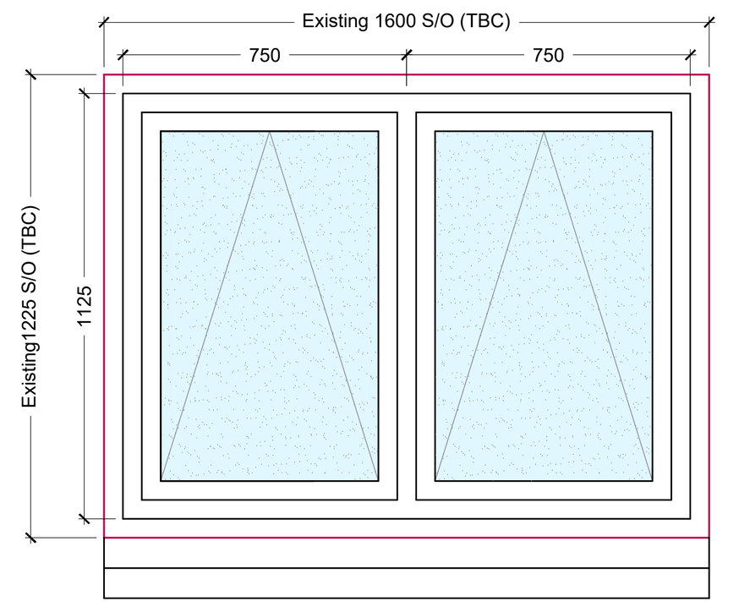
Window type 1

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 1260mmx1225mm

OBSCURE GLAZING



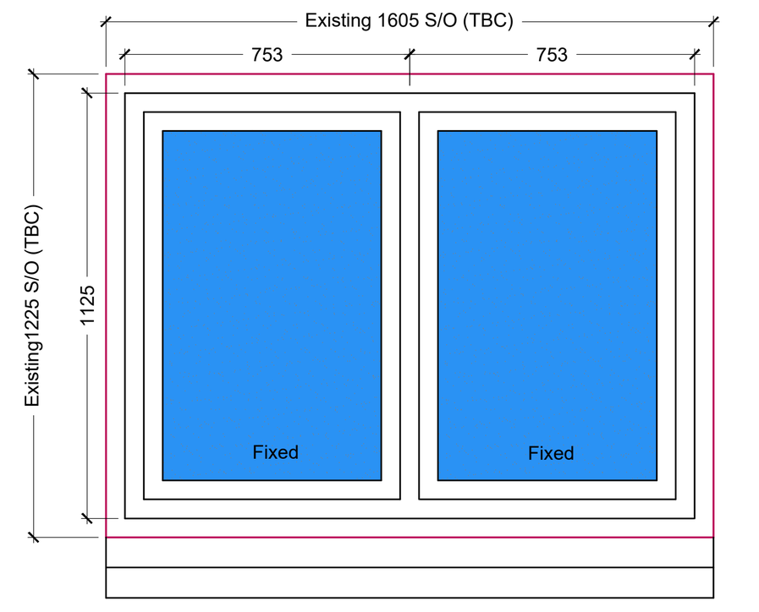
Window type 2

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 1600mmx1225mm

OBSCURE GLAZING



Window type 3

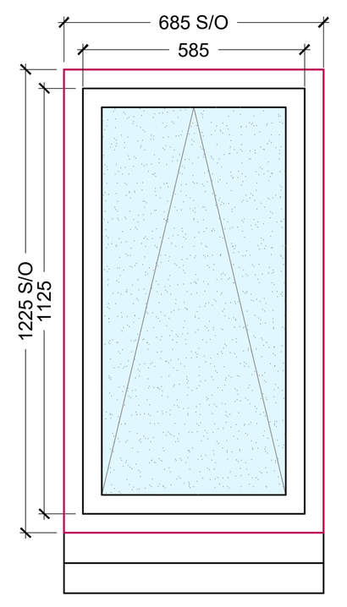
Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 1605mmx1225mm

OBSCURE GLAZING/ NON- OPERABLE WINDOW

(Bounded insulation to double glazed unit, plasterboard to line through.)



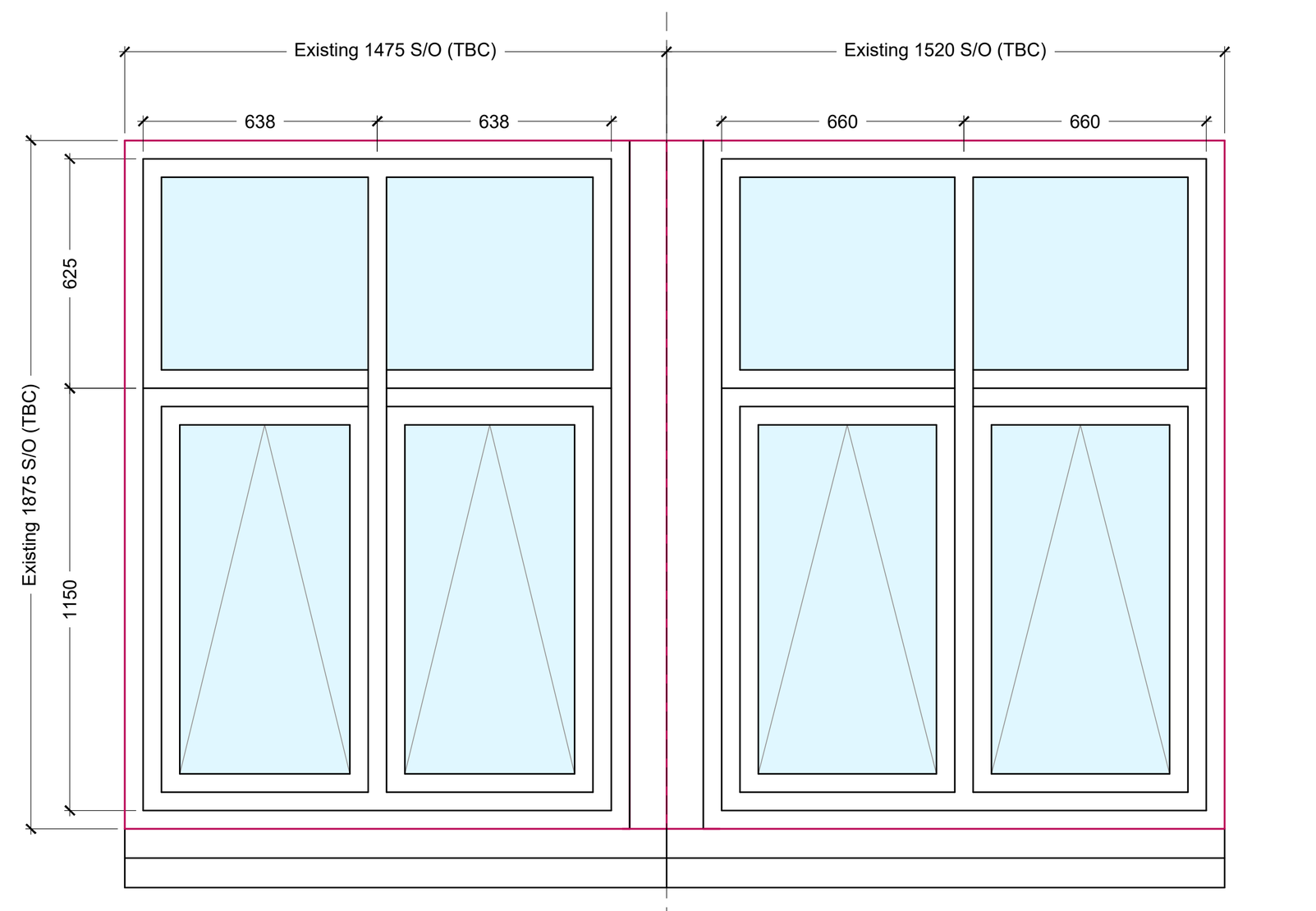
Window type 4

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 685mmx1225mm

OBSCURE GLAZING



Window type 6

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

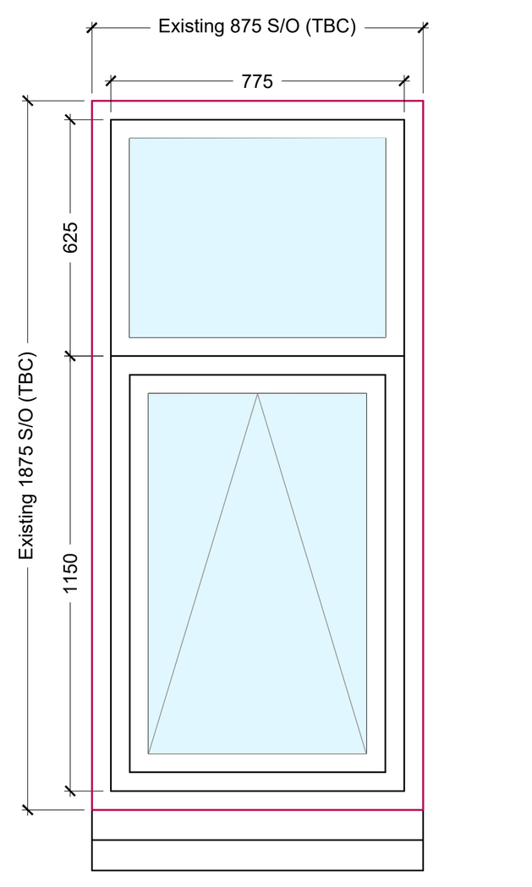
Strutural Opening: 1475mmx1875mm

Window type 5

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 1520mmx1875mm

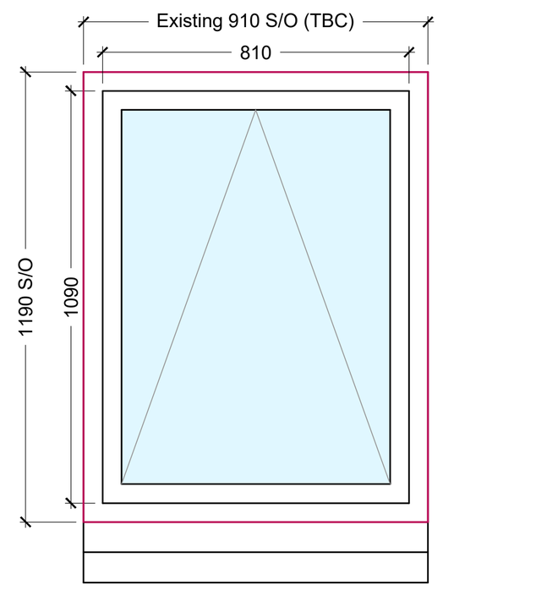


Window type 7

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 875mmx1875mm

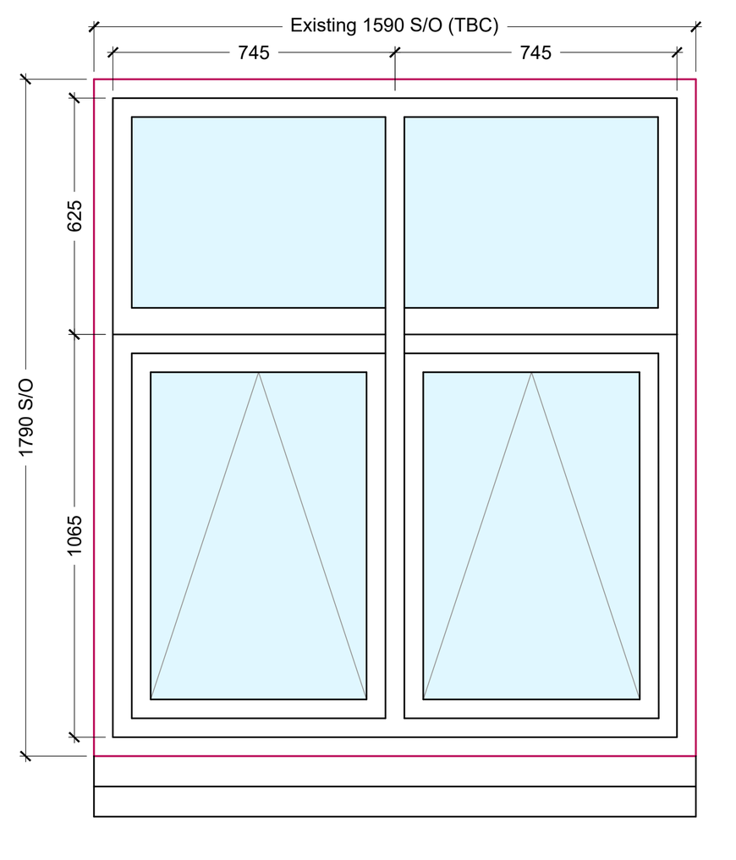


Window type 8

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 810mmx1190mm

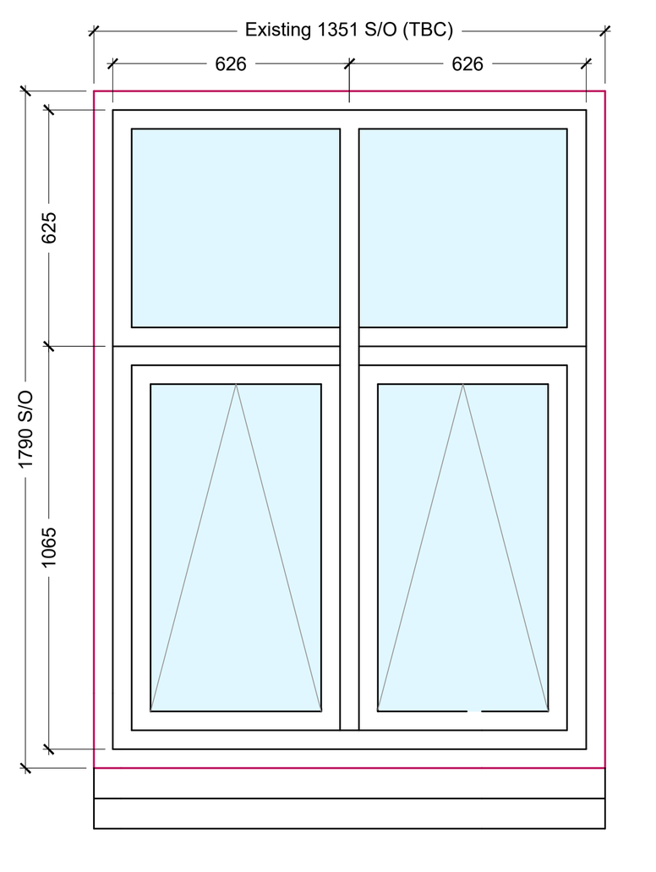


Window type 9

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 1590mmx1790mm

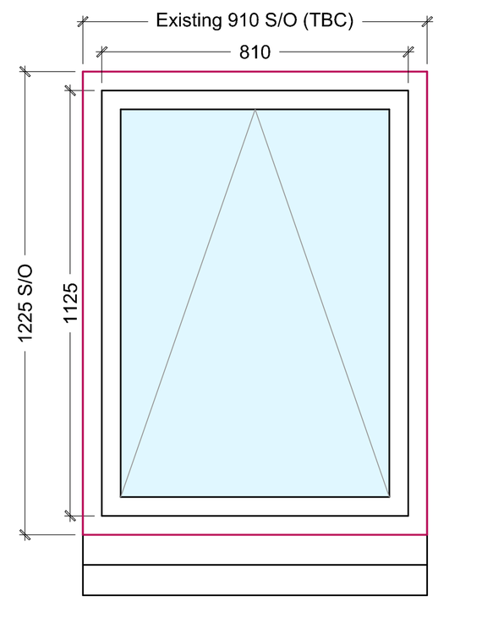


Window type 10

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 1351mmx1790mm

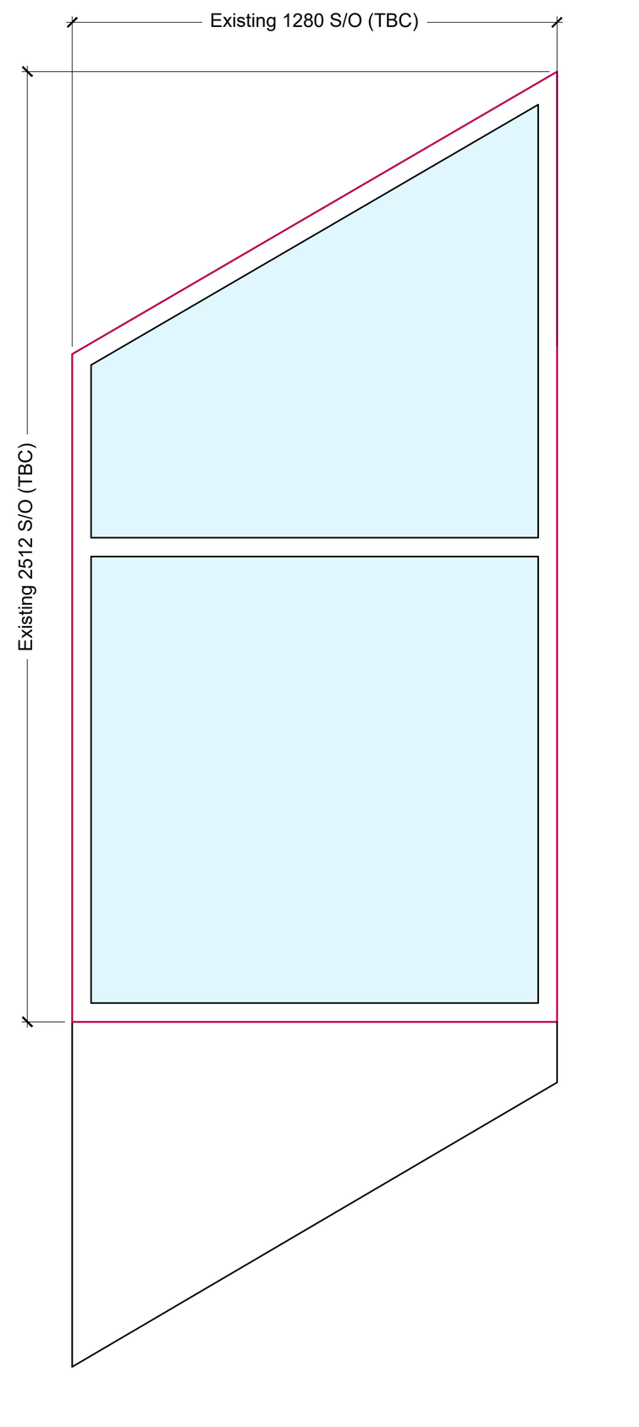


Window type 11

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 810mmx1225mm

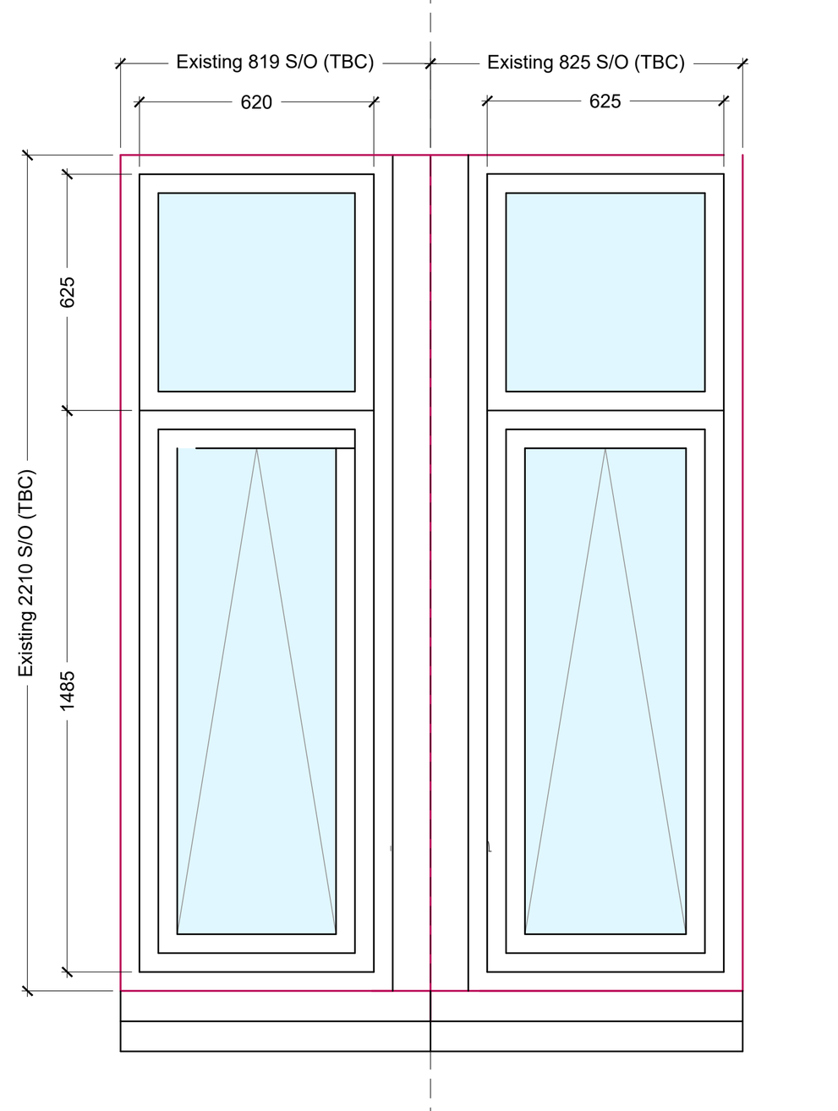


Window type 12

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 1280mmx2512mm



Window type 14

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (ral colour 7016)

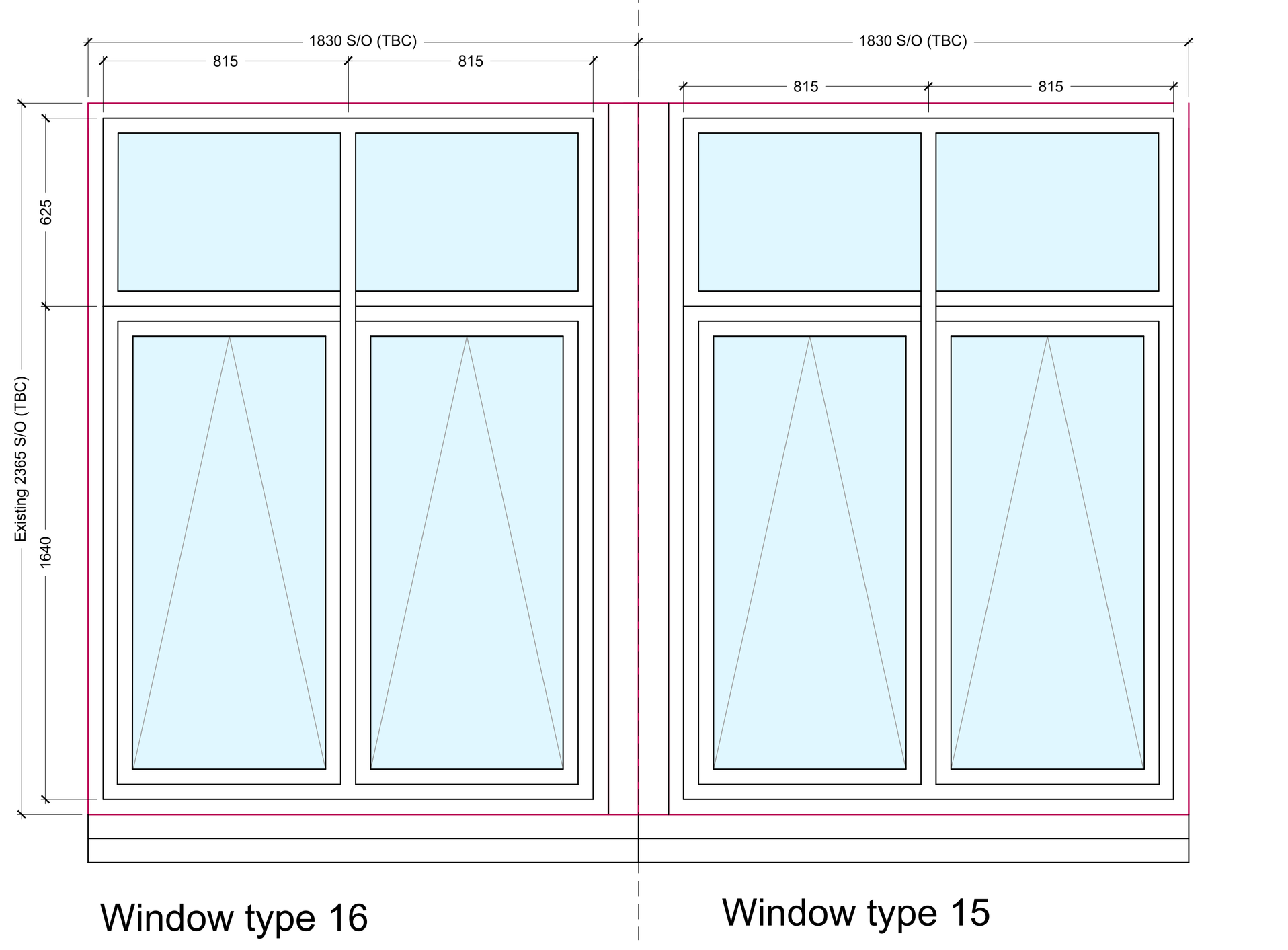
Strutural Opening: 819mmx2210mm

Window type 13

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 825mmx2210mm



Window type 16

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

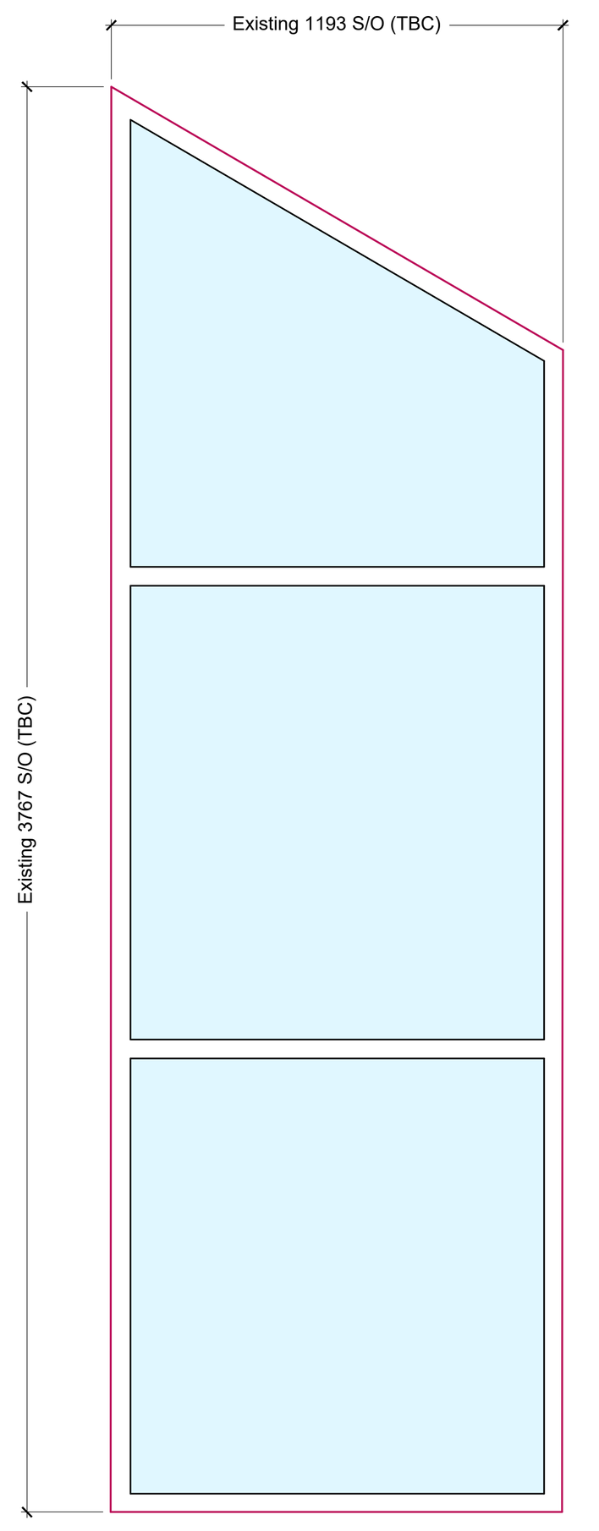
Strutural Opening: 1830mmx2365mm

Window type 15

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 1830mmx2365mm

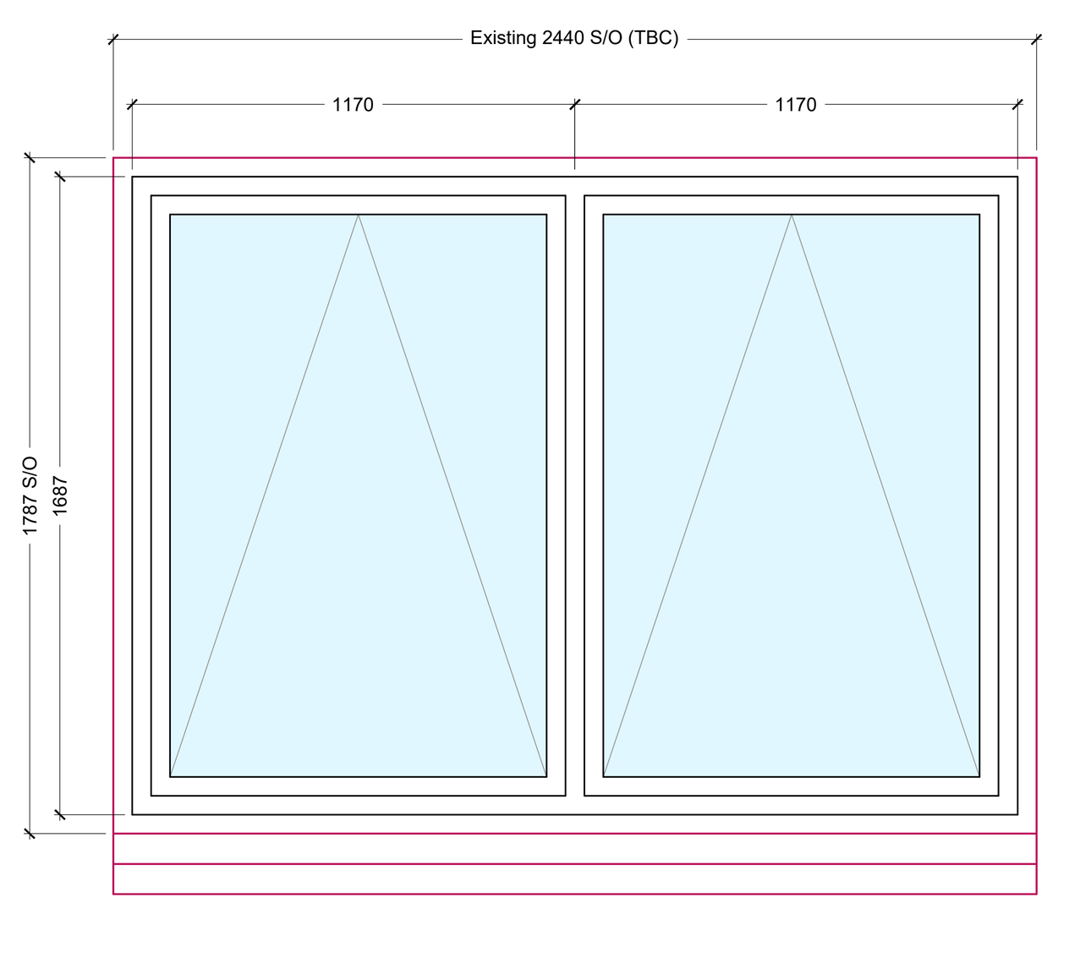


Window type 17

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 1193mmx3767mm

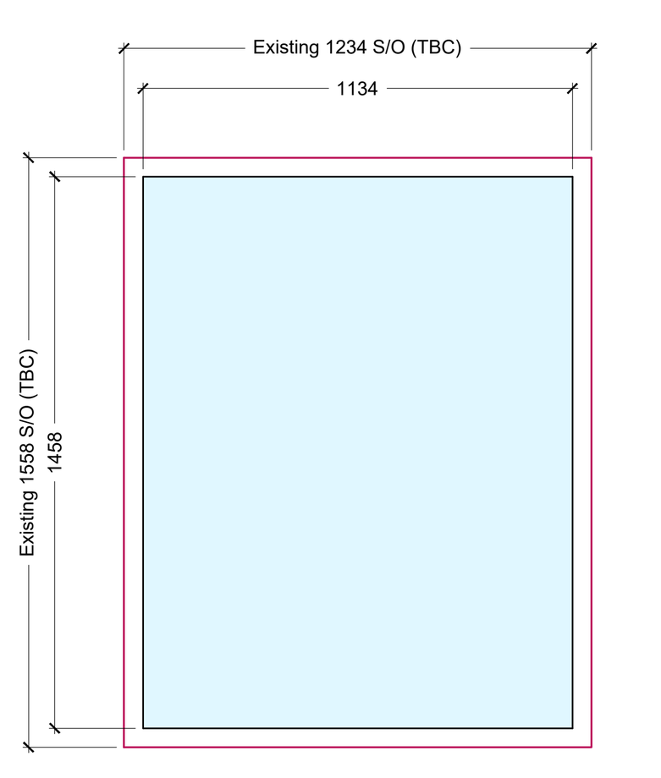


Window type 18

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening: 2440mmx1787mm



Window type 19

Thermally broken, aluminium framed double glazed windows

Polyester Powder Coated Finish - (RAL colour 7016)

Strutural Opening:1234mmx1558mm

Date	Rev	
23.08.2023	-	First Issue (IZ)

BENCHMARK ARCHITECTS

Project Title: ACTION4YOUTH
Drawing Title: WINDOW SCHEDULE

Client: JENIFER CAMERON
Date: 17-05-2023
Scale: 1:20@A0

Project No: PB22003
Drawing No: 04-31-000
Revision: -

The Gridiron Building, 1 Pancras Square, London N1C 4AG & 90 Dunstable Street, Ampthill, Bedford MK45 2JR t:02035357902 t:01525300612 www.BENCHMARKARCHITECTS.com

GENERAL NOTES

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(b) Exceeds 500 person days.

MATERIALS AND WORKMANSHIP
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THERMAL BRIDGING
Care shall be taken to limit the occurrence of thermal bridging in the insulation layers caused by gaps within the thermal element (i.e. around windows and door openings).

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ALL DIMENSIONS INDICATIVE ONLY, DIMENSIONS TO BE CONFIRMED ON SITE AND REPORTED BACK TO ARCHITECT IN CASE OF DISCREPANCY.

ALL OPENING DIMS TBC ONSITE PRIOR TO FABRICATION OF WINDOWS AND DOORS.

NEW DRAINAGE CONNECTIONS TO BE CONFIRMED ON SITE

GENERAL NOTES

All external doors to be secured by a cylinder operated mortise deadlock or deadlocking multi-point locking system, TBC by client.

Restrictors to be installed on all hung opening units to provide a opening at 15 degrees - subject to ventilation confirmation.

All opening vent sizes to be confirmed upon confirmation ventilation requirement by M&E.

All windows and glazing to provide adequate performance in compliance with BS 6375.

Glass thicknesses determined to BS 6262-4: 1994. Safety glass to comply with BS 6202 and provided in locations in accordance with BS 6265.

All opening lights to include locks.
All to comply with Building Regulations.
All to Part M compliant level threshold.

THERMAL PERFORMANCE REQUIREMENTS

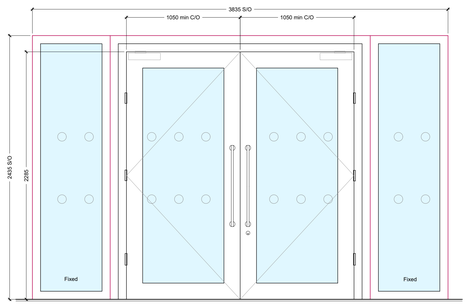
U-VALUE 1.6 W/m2k (overall)
G-VALUE: xxx
Air permeability: N/A, however all windows to sealed to openings. Should be well fitted.
All units to be sealed around perimeter with colour matched silicone sealant.

FINISH

All window frames to be Polyester Powder Coated, Akzonobel Interpon D2525 (or equivalent). Powder coating to comply with BS 6496 to be factory applied by approved installer.

RAL Colour: RAL 7012 Basaltgrau, TBC by client.

Security locks on escape doors only to be used when building is empty. Management strategy must emphasis their safe use.



Door type 1 Main Entrance (Escape)

Thermally broken aluminium double glazed double doors
Minimum clear opening of 1050mm through each leaf.

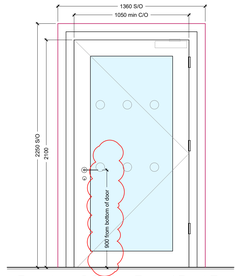
Polyester Powder Coated Finish Colour RAL 7012 (TBC)
Structural Opening: 3835mmx2435mm

Handles: Push plate and pull handles (finish TBC), lock
type please refer to outline specification for agreement of access strategy, closures & stops.

Manifestation: at 925mm and 1500mm H.

Fire Rating: N/A

To achieve min U-value 1.6 W/m2k
FOR HANDING REFER TO GA



Door type 2 Dining Room/ Boot Room (Escape)

Thermally broken aluminium double glazed double doors
Minimum clear opening of 1050mm through leaf.

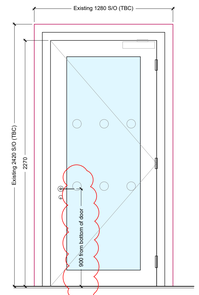
Polyester Powder Coated Finish Colour RAL 7012 (TBC)
Structural Opening: 1360mmx2250mm

Handles: Handles to each side contrasting visually with door in accordance with Approved Document Part M. Lock type please refer to outline specification for agreement of access strategy, closures & stops.

Manifestation: at 925mm and 1500mm H.

Fire Rating: N/A

To achieve min U-value 1.6 W/m2k
FOR HANDING REFER TO GA



Door type 3 Dining Room

Thermally broken aluminium double glazed double doors
Minimum clear door width 1050mm.

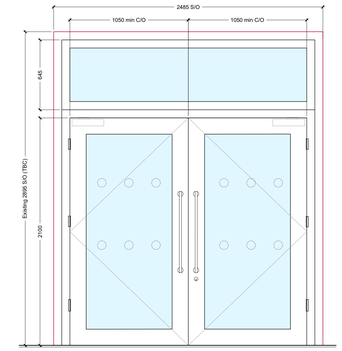
Polyester Powder Coated Finish Colour RAL 7012 (TBC)
Structural Opening: 1280mmx2420mm

Handles: Handles to each side contrasting visually with door in accordance with Approved Document Part M. Lock type please refer to outline specification for agreement of access strategy, closures & stops.

Manifestation: at 925mm and 1500mm H.

Fire Rating: N/A

To achieve min U-value 1.6 W/m2k
FOR HANDING REFER TO GA



Door type 4 Dining Room (Escape)

Thermally broken aluminium double glazed double doors
Minimum clear door width 1050mm.

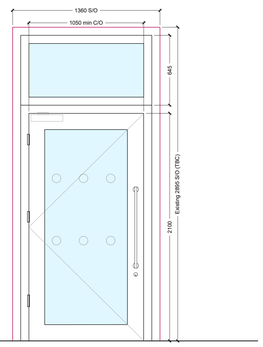
Polyester Powder Coated Finish Colour RAL 7012 (TBC)
Structural Opening: 2485mmx2895mm

Handles: Push plate and pull handles (finish TBC). Lock type please refer to outline specification for agreement of access strategy, closures & stops.

Manifestation: at 925mm and 1500mm H.

Fire Rating: N/A

To achieve min U-value 1.6 W/m2k
FOR HANDING REFER TO GA



Door type 5 Dining Room (Escape)

Thermally broken aluminium double glazed double doors
Minimum clear door width 1050mm.

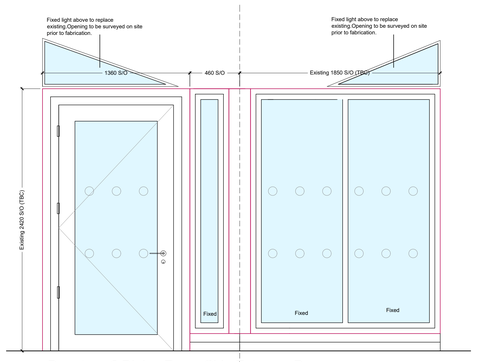
Polyester Powder Coated Finish Colour RAL 7012 (TBC)
Structural Opening: 1360mmx2895mm

Handles: Push plate and pull handles (finish TBC). Lock type please refer to outline specification for agreement of access strategy, closures & stops.

Manifestation: at 925mm and 1500mm H.

Fire Rating: N/A

To achieve min U-value 1.6 W/m2k
FOR HANDING REFER TO GA



Door type 6 Dining Room Side Entrance Door Window type 18 Window type 17

Thermally broken aluminium double glazed double doors
Minimum clear door width 1050mm.

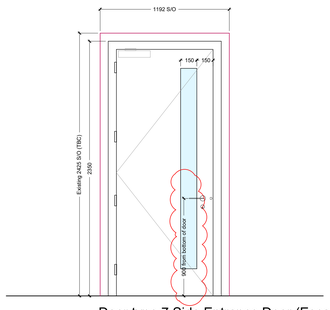
Polyester Powder Coated Finish Colour RAL 7012 (TBC)
Structural Opening: 1360mmx2420mm

Handles: Push plate and pull handles (finish TBC). Lock type please refer to outline specification for agreement of access strategy, closures & stops.

Manifestation: at 925mm and 1500mm H.

Fire Rating: N/A

To achieve min U-value 1.6 W/m2k
FOR HANDING REFER TO GA



Door type 7 Side Entrance Door (Escape)

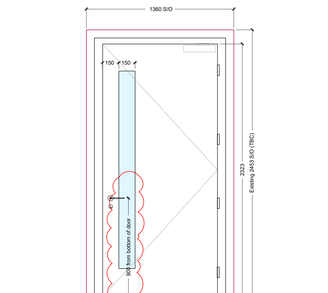
Thermally broken aluminium double glazed double doors
Minimum clear door width 1050mm.

Polyester Powder Coated Finish Colour RAL 7012 (TBC)
Structural Opening: 1192mmx2425mm

Handles: Handles to each side contrasting visually with door in accordance with Approved Document Part M. Lock type please refer to outline specification for agreement of access strategy, closures & stops.

Fire Rating: N/A

To achieve min U-value 1.6 W/m2k
FOR HANDING REFER TO GA



Door type 8 Kitchen Door (Escape)

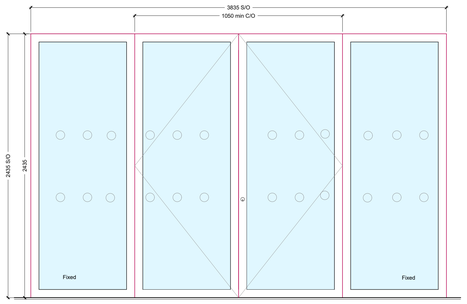
Thermally broken aluminium double glazed double doors
Minimum clear door width 1050mm.

Polyester Powder Coated Finish Colour RAL 7012 (TBC)
Structural Opening: 1360mmx2453mm

Handles: Handles to each side contrasting visually with door in accordance with Approved Document Part M. Lock type please refer to outline specification for

Fire Rating: N/A

To achieve min U-value 1.6 W/m2k
FOR HANDING REFER TO GA



Door type 1B Main Entrance Sliding Door Option (Escape)

Thermally broken aluminium double glazed double doors
Minimum clear opening of 1050mm.

Polyester Powder Coated Finish Colour RAL 7012 (TBC)
Structural Opening: 3835mmx2435mm

Handles: Push plate and pull handles (finish TBC), lock
type please refer to outline specification for agreement of access strategy, closures
& stops.

Manifestation: at 925mm and 1500mm H.

Fire Rating: N/A

To achieve min U-value 1.6 W/m2k
FOR HANDING REFER TO GA

Date 23.08.2023 | Rev - | First Issue (IZ)

BENCHMARK ARCHITECTS

Project Title: ACTIONFYOUTH
Drawing Title: EXTERNAL DOOR SCHEDULE
Client: JENIFER CAMERON
Date: 17-05-2023
Scale: 1:20@A0

Project No: P823003
Drawing No: 04-32-000
Revision: -

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ALL OPENING DIMS TBC ONSITE PRIOR TO FABRICATION OF WINDOWS AND DOORS.

NEW DRAINAGE CONNECTIONS TO BE CONFIRMED ON SITE

GENERAL NOTES

Client to confirm if any particular security standard is needing to be applied. Benchmark Architects suggest PAS 24.

Restrictors to be installed on all hung opening units to provide a opening at 15 degrees - subject to ventilation confirmation.

All opening vent sizes to be confirmed upon confirmation ventilation requirement by M&E.

All windows and glazing to provide adequate performance in compliance with BS 6375.

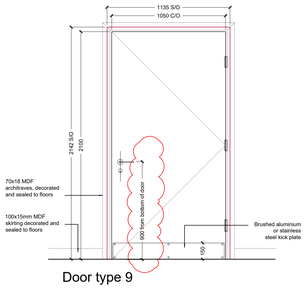
Glass thicknesses determined to BS 6262-4: 1994. Safety glass to comply with BS 6202 and provided in locations in accordance with BS 6265.

All opening lights to include locks.

All fire door asseblies to comply with
-BS 476-22 [35] OR BS EN 1634-1 [36] For fire resistance and where applicable
-BS 476-31 [37] OR SE EN 1634-3 [38] For smoke leakage

FINISH

All doors to be solid core with laminated finish by Halspan or similar, colour TBC by client.
Laminate to be applied on door lip for door sets prone to moisture.

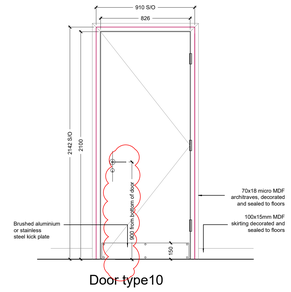


Door type 9

Solid single leaf door
Fire Rating: N/A

Handles: To contrast visually with door leaf in accordance with Approved Documents Part M. Handles to both sides, lockable with thumb turn internally and manual override externally.

FOR HANDING REFER TO GA

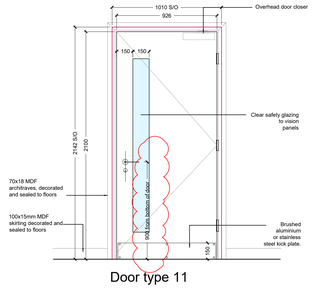


Door type10

Solid single leaf door
Fire Rating: N/A

Handles: To contrast visually with door leaf in accordance with Approved Documents Part M. Handles to both sides, lockable with thumb turn internally and manual override externally.

FOR HANDING REFER TO GA

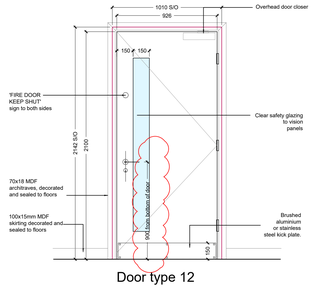


Door type 11

Solid single leaf door
Fire Rating: N/A

Handles: To contrast visually with door leaf in accordance with Approved Documents Part M. Push plate and pull bar. Client to confirm requirements.

FOR HANDING REFER TO GA



Door type 12

Solid single leaf door
Fire Rating: FD30s

Handles: To contrast visually with door leaf in accordance with Approved Documents Part M. Handles to both sides. Client to confirm requirements.

FOR HANDING REFER TO GA

Door type13

Solid single leaf door
Fire Rating: FD30s

Handles: To contrast visually with door leaf in accordance with Approved Documents Part M. Handles to both sides. Client to confirm requirements.

FOR HANDING REFER TO GA

Door type 14

Solid single leaf door
Fire Rating: N/A

Handles: To contrast visually with door leaf in accordance with Approved Documents Part M. Push plate and pull bar. Client to confirm requirements.

FOR HANDING REFER TO GA

Door type 15

Solid single leaf door
Fire Rating: FD30s

Handles: To contrast visually with door leaf in accordance with Approved Documents Part M. Handles to both sides. Client to confirm requirements.

FOR HANDING REFER TO GA

Door type 16

Solid single leaf door
Fire Rating: N/A

Handles: To contrast visually with door leaf in accordance with Approved Documents Part M. Handles to both sides, lockable with thumb turn internally and manual override externally.

FOR HANDING REFER TO GA

Date	Rev	
23.08.2023	-	First Issue (IZ)

BENCHMARK ARCHITECTS

Project Title:	ACTION4YOUTH	Project No:	P822003
Drawing Title:	INTERNAL DOOR SCHEDULE	Drawing No:	04-32-001
Client:	JENIFER CAMERON		
Date:	17-05-2023	Revision:	-
Scale:	1:20@A0		

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NEW DRAINAGE CONNECTIONS TO BE CONFIRMED ON SITE

THIS DRAWING WAS PRODUCED IN COLOUR AND MUST BE COPIED & PRINTED IN COLOUR

Fire Strategy Key Plan

The fire strategy plan have been based on the guidance contained in AD Part B Volume 2: Buildings other than dwellings.

FD30s Fire Rated Doors
's' Denotes smoke seal and intumescent strip requirements Any powered doors will fail open on activation of the fire alarm during a power failure. Hold open closer to be connected to Fire Alarm system to close on activation.

Minimum 30 minutes fire compartmentation - taken to underside of roof deck and sealed

Fire Escape Signage - all signage to be installed according to BS5499-4:200. Size of lettering and symbol to be determined from BS5499-1:2002 (or latest guidance)

1000 Final Escape Width

Final Escape Exit

KS 'Fire Door Keep Shut' signage

KLS 'Fire Door Keep Locked' signage

Denotes cavity barrier locations. Cavity barriers to be provided (min 30/15 integrity/insulation):
-Around all openings
-At compartment wall junctions with external walls
-To close compartment wall cavities where indicated
-At tops of walls and roof deck level (refer to strip section drawings)

Denotes cavity barrier above at head (and below at sill for window openings)

Any enclosed cavities in excess of 20m to be sub-divided with 30/15 integrity insulation cavity barriers.

Any ceiling voids over 800mm high to have void detection.

PROPOSED GROUP:
leisure center - Group 5 - Assembly and recreation

EMERGENCY LIGHTING:
Emergency lighting in accordance with BS 5266 Part 1:2005. 1988 Category L3. If recessed lighting diffusers are used then they must comply with paragraph 6.13 Part B of the Building Regulations.

SMOKE &HEAT DETECTION:
Smoke detectors to communal areas connected to fire alarm system, in accordance with BS 5839 Part 1 L2.

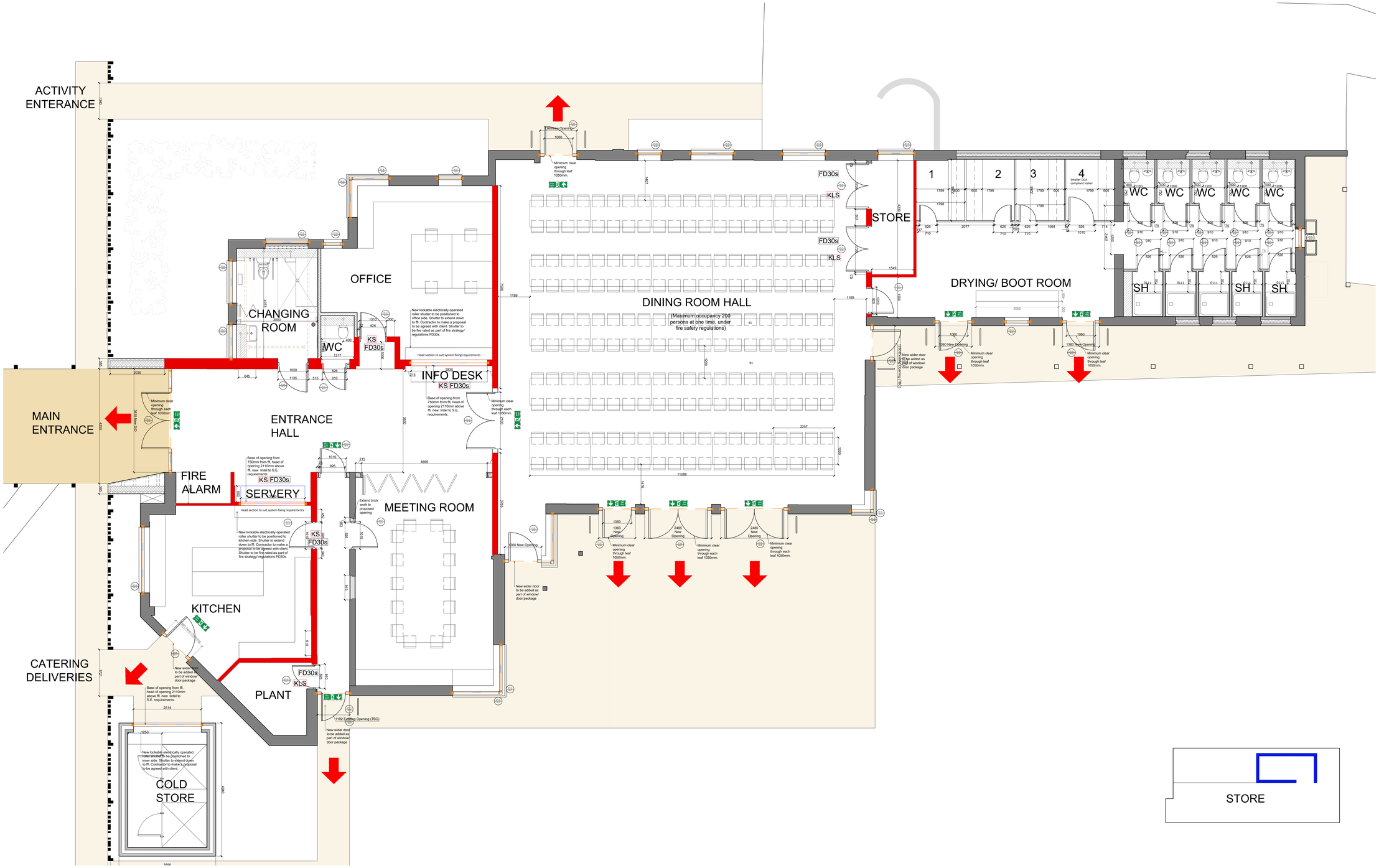
SECURITY DEVICES:
Security devices and powered doors t fail safe in event of alarm activation or power failure.

SIGNAGE:
All signage to comply with BS 5499-4:2000

FIRE ALARM:
L3 fire detection and alarm system.

FIRE FIGHTING EQUIPTMENT:
All fire fighting equiptement to be in accordance with BS 5423 (by end user).

WALLS/ FINISHED:
Wall linings and ceilings in accordance with approved documents Part M section 6; spread of flame as defined by the Building Regulations.
All fire resisting walls to be built full height and sealed to underside of upper slab with Nullifier fire seal or similar to match



Ground Floor GA Plan (1:50)

First Floor GA Plan (1:50)

ALL COMPARTMENTATION & RATINGS TBC WITH BUILDING REGULATIONS

GENERAL NOTES:

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DO NOT SCALE from this drawing except for the purpose of planning. All dimensions should be checked and confirmed on site and any discrepancies reported to the architect. Any conflict or discrepancy between this drawing and any other information must also be reported and clarification sought.

All works are to be carried out in accordance with current Codes of Practice and British Standards unless specifically directed otherwise. It is the design sub-contractors responsibility to ensure that all dimensions and details are appropriate to their installation. This drawing or any comments within should not be miss-construed so as to relieve the sub-contractor of that responsibility.
All materials and components are to comply with specifications and should achieve all design performance and tolerances stated in specifications.

HEALTH AND SAFETY INFORMATION

All works should be carried out by a competent contractor working to an appropriate method statement and paying attention to current and relevant Construction (Design and Management) project documentation including the designers risk assessment.

Date	Rev	
17.07.2023		First Issue (IZ)
23.08.2023	P1	Drawing amended for Final Building Regulations Pack DRAFT Issue (IZ)

BENCHMARK ARCHITECTS

Project Title: ACTIONYOUTH
Drawing Title: FIRE STRATEGY DRAWING
Client: JENIFER CAMERON
Date: 17-06-2023
Scale: 1:50@A0

Project No: P822003
Drawing No: 04-68-000
Revision: P1

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