


SHEET INFORMATION		PACK REVISIONS													
DRAWING No.	DRAWING SHEETS	0	1	2	3	4	5	6	7	8	9	10	11	LATEST REVISION NOTE	
160	Slab Penetration Layout	-	-	-	-	-									
201	Structural Layout Ground Floor	-	-	-	A	A									
202	Structural Layout First Floor	-	-	-	A	B								Racking wall thickness reduced and note amended	
211	Structural Layout Ground Floor - Opp	-	-	-	A	A									
212	Structural Layout First Floor - Opp	-	-	-	A	B								Racking wall thickness reduced and note amended	
301	Section A-A	-	-	A	B	B									
302	Section B-B	-	-	A	B	B									
303	Section C-C	-	-	-	A	B								Racking wall thickness reduced and note amended	
304	Section D-D	-	-	-	-	-									
305	Section F-F	-	-	-	-	-									
306	Section G-G	-	-	A	B	C								Racking wall thickness reduced and note amended	
401	Elevations B1	-	-	A	B	B									
402	Elevations A1	-	-	A	B	B									
501	Staircase Details 1 of 2	-	-	-	A	A									
502	Staircase Details 2 of 2	-	-	-	A	A									
601	Services Layout Ground Floor	-	-	-	A	A									
602	Services Layout First Floor	-	-	-	-	A								Racking wall thickness reduced	
611	Services Layout Ground Floor - Opp	-	-	-	A	A									
612	Services Layout First Floor - Opp	-	-	-	-	A								Racking wall thickness reduced	
701	Cloaks Details	-	-	-	-	-									
702	Bathroom Details	-	-	-	-	-									
703	Ensuite Details	-	-	-	-	-									
750	Kitchen Layout	-	-	-	-	-									
751	Utility Layout	-	-	-	-	-									
760	Optional Lighting Layout Ground Floor	-	-	-	-	-									
761	Optional Lighting Layout First Floor	-	-	-	-	-									
801	Canopy Details	-	-	-	A	A									
802	Non-Standard Eaves Details	-	-	-	A	A									
803	GRP tudor gable panels	-	-	-	A	A									
804	Racking Wall Details	-	-	-	-	-									
OLR INFORMATION															
	OLR - Ground Floor	-	-	-	-	-									
	OLR - First Floor	-	-	-	-	-									
	OLR - Elevations B1	-	-	-	-	-									
	OLR - Elevations A1	-	-	-	-	-									
	OLR - PEA	-	-	-	-	-									

COMPANY NAME	DRAWING REFERENCE	0	1	2	3	4	5	6	7	8	9	10	11	LATEST REVISION NOTE
Structural Engineers	BETTS_EG_CHTR_DM	-	-	-	-	-								
Structural Calculations	BETTSCALCS_EG_CHTR_DM	-	-	-	A	B								Racking wall thickness reduced and note amended
Bison	BISON_EG_CHTR_DM	-	-	-	-	-								
Catnic	CATNIC_EG_CHTR_DM	-	-	-	A	A								
Donaldson	DTE_EG_CHTR_DM	-	-	-	-	-								
Envirovent	ENVIRO_EG_CHTR_DM	-	-	-	-	-								
Jablite	JABLITE_EG_CHTR_DM	-	-	-	-	-								
James Jones	JJI_EG_CHTR_DM	-	-	A	B	B								
Keystone	KEYSTONE_EG_CHTR_DM	-	A	A	B	B								
Moores	MOORES_EG_CHTR_DM	-	-	-	-	-								
Myson	MYSON_EG_CHTR_DM	-	-	A	B	B								
Symphony	SYM_EG_CHTR_DM	-	-	A	A	A								
<div>HERITAGE</div> <div>- REDROW -</div>		Feb 23	03/08/23	28/04/23	02/10/23	10/06/24								

## EG\_CHTR\_DM.2

**1449 ft<sup>2</sup>**

**134.65 m<sup>2</sup>**

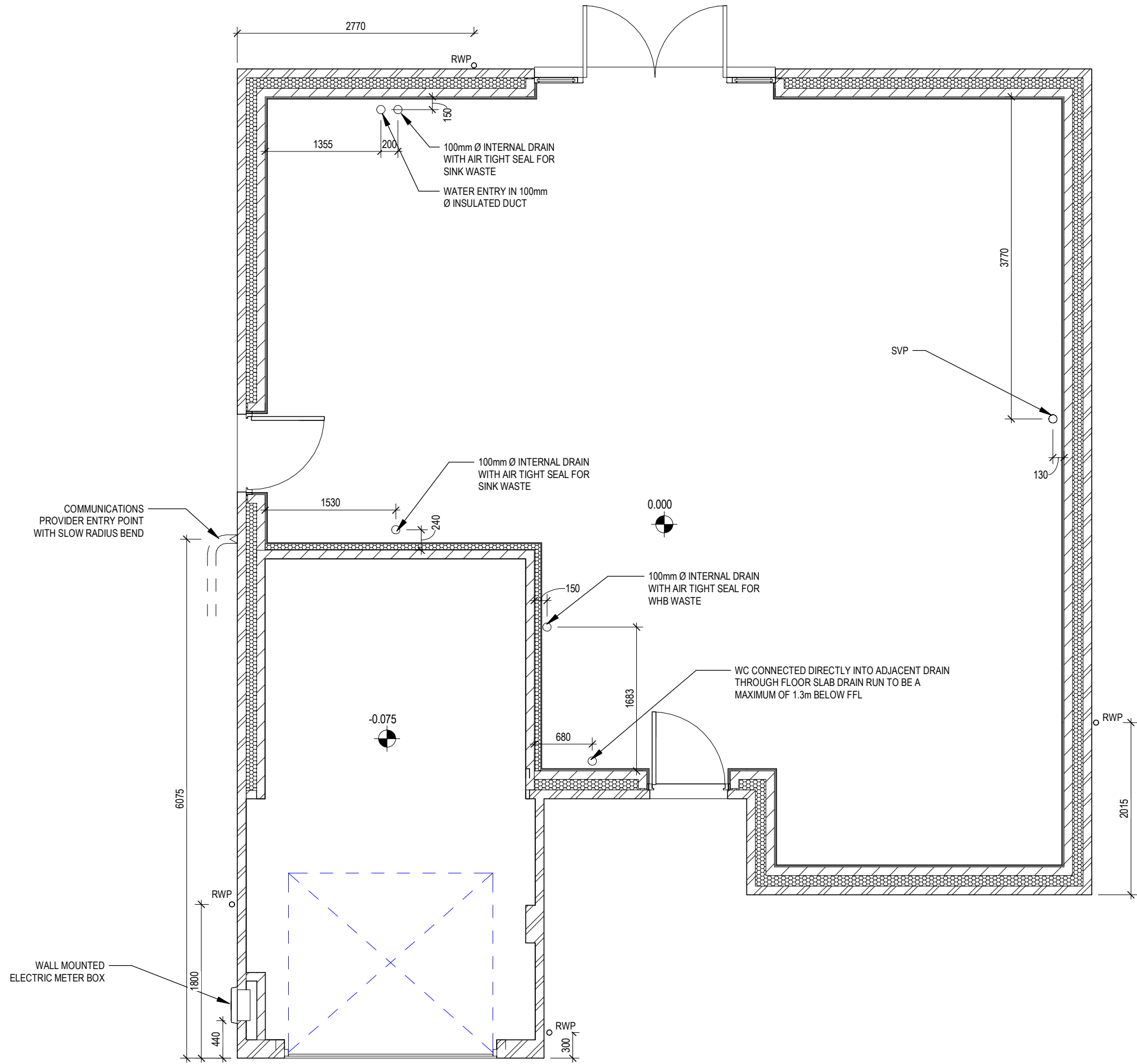
ARCH

SQFT:

SQM:

# Chester

## G SERIES



**Chester**  
G SERIES

Slab Penetration Layout

Scale  
1 : 50

Date  
Feb 2023

DCC  
2

Dwg No  
160

Dwg Rev

Window Schedule						
Ref	Frame Width	Frame Height	Int Block Opening	Comments	P1A - Glazing	PAS 24 - Locking
W01	2510	1640	2520		-	Yes
W02	485	1040	495	OBS	-	Yes
W03	1273	1040	1283		-	Yes
W04	1835	1340	1845		-	Yes
W05	2510	1340	2520	ESC	-	-
W06	1835	1040	1845	ESC	-	-
W07	1835	1040	1845	ESC	-	-
W08	1835	1040	1845	ESC	-	-
W09	710	1040	720	OBS	-	-

Door Schedule - Internal				
Ref	Width	Height	Fire Rating	Code
D05	900	2150		HID2
D06	745	2150		HID4
D07	925	2150		HID1
D08	900	2150		HID2
D09	745	2150		HID4
D10	825	2150		HID3
D11	825	2150		HID3
D12	745	1981		ID13
D13	825	2150		HID3
D14	825	2150		HID3
D15	825	2150		HID3
D16	825	2150		HID3
D17	825	2150		HID3
D18	825	2150		HID3

REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +0/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.

Door Schedule - Garage			
Ref	Frame Height	Opening Width	Model
D02	2200	2485	GD2

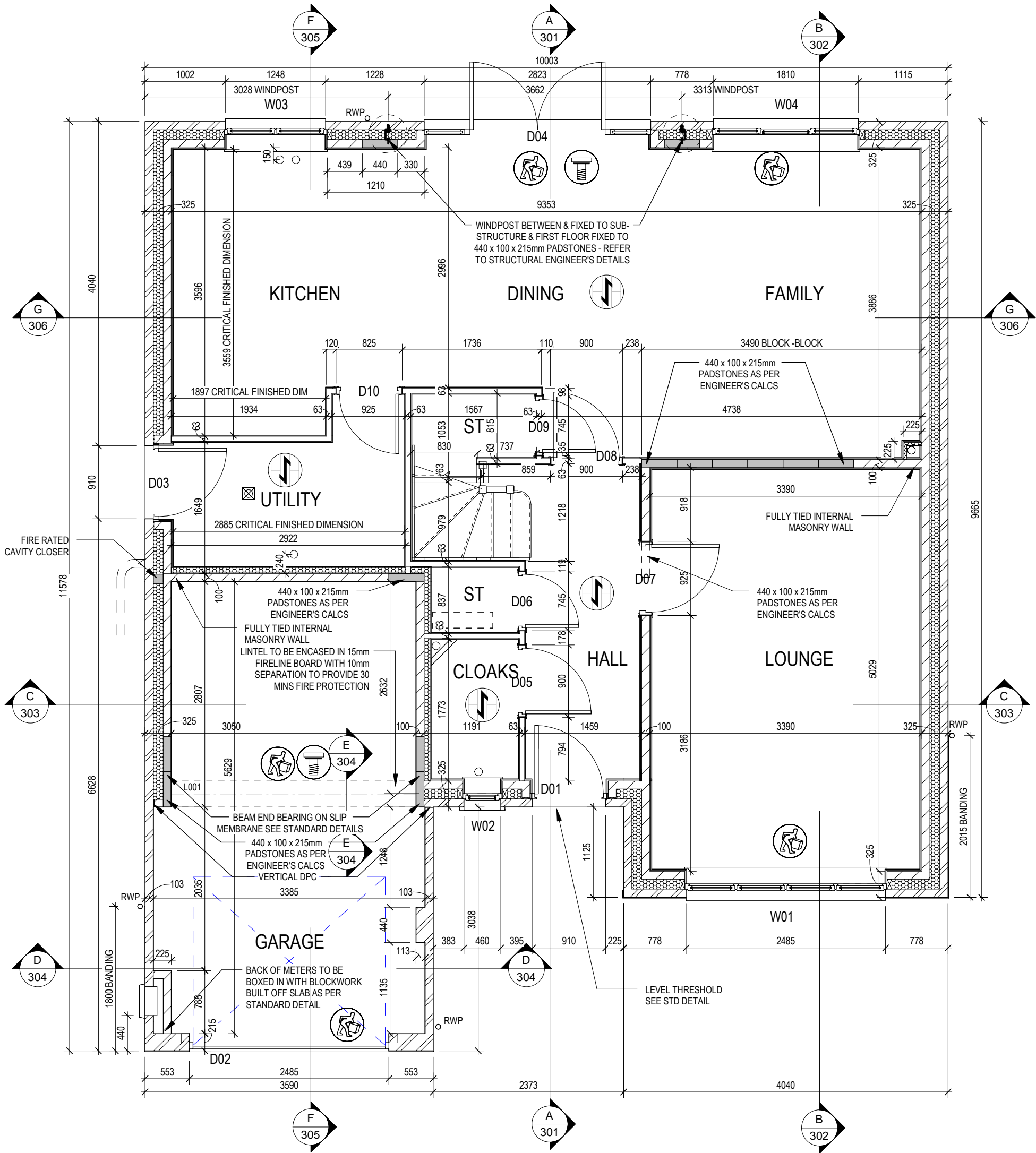
Door Schedule - External						
Ref	Frame Width	Int Block Opening	Height	Model	P1A - Glazing	PAS 24 - Locking
D01	935	975	2250	HED09	Yes	Yes
D03	935	975	2250	HRD01	Yes	Yes
D04	2813	2823	2250	HRD17	Yes	Yes

### WALL LEGEND

WALL TYPE	SIZE (mm)	STRENGTH (N/mm²)	DENSITY (Kg/m³)	LAMBDA (Λ)
BLOCKWORK	100	3.6	600	0.15
BLOCKWORK	100	3.6	MIN 1350	-
40dB STUDWORK	63 (88)	-	-	-

**NOTE:** ENGINEERING SPREADER BRICK CENTERED UNDER JOIST TO HAVE MINIMUM CRUSHING STRENGTH OF 75N/mm². TOP LEVEL TO BE AT 2475mm ABOVE FFL

	LOCATION AND DIRECTION OF OPTIONAL FLOOR TILING
--	---



02/10/23

A External door schedule updated. Propping icon added. Padstones amended.

Dwg No

DCC

Scale

1 : 50

2

201

1 : 50

201

Dwg Rev

A

Date

Feb 2023

Structural Layout Ground Floor

Chester

G SERIES

REDROW

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Window Schedule						
Ref	Frame Width	Frame Height	Int Block Opening	Comments	P1A - Glazing	PAS 24 - Locking
W01	2510	1640	2520		-	Yes
W02	485	1040	495	OBS	-	Yes
W03	1273	1040	1283		-	Yes
W04	1835	1340	1845		-	Yes
W05	2510	1340	2520	ESC	-	-
W06	1835	1040	1845	ESC	-	-
W07	1835	1040	1845	ESC	-	-
W08	1835	1040	1845	ESC	-	-
W09	710	1040	720	OBS	-	-

Door Schedule - Internal				
Ref	Width	Height	Fire Rating	Code
D05	900	2150		HID2
D06	745	2150		HID4
D07	925	2150		HID1
D08	900	2150		HID2
D09	745	2150		HID4
D10	825	2150		HID3
D11	825	2150		HID3
D12	745	1981		ID13
D13	825	2150		HID3
D14	825	2150		HID3
D15	825	2150		HID3
D16	825	2150		HID3
D17	825	2150		HID3
D18	825	2150		HID3

REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +0/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.

Door Schedule - Garage			
Ref	Height	Width	Model
D02	2200	2485	GD2

Door Schedule - External						
Ref	Frame Width	Int Block Opening	Height	Model	P1A - Glazing	PAS 24 - Locking
D01	935	975	2250	HED09	Yes	Yes
D03	935	975	2250	HRD01	Yes	Yes
D04	2813	2823	2250	HRD17	Yes	Yes

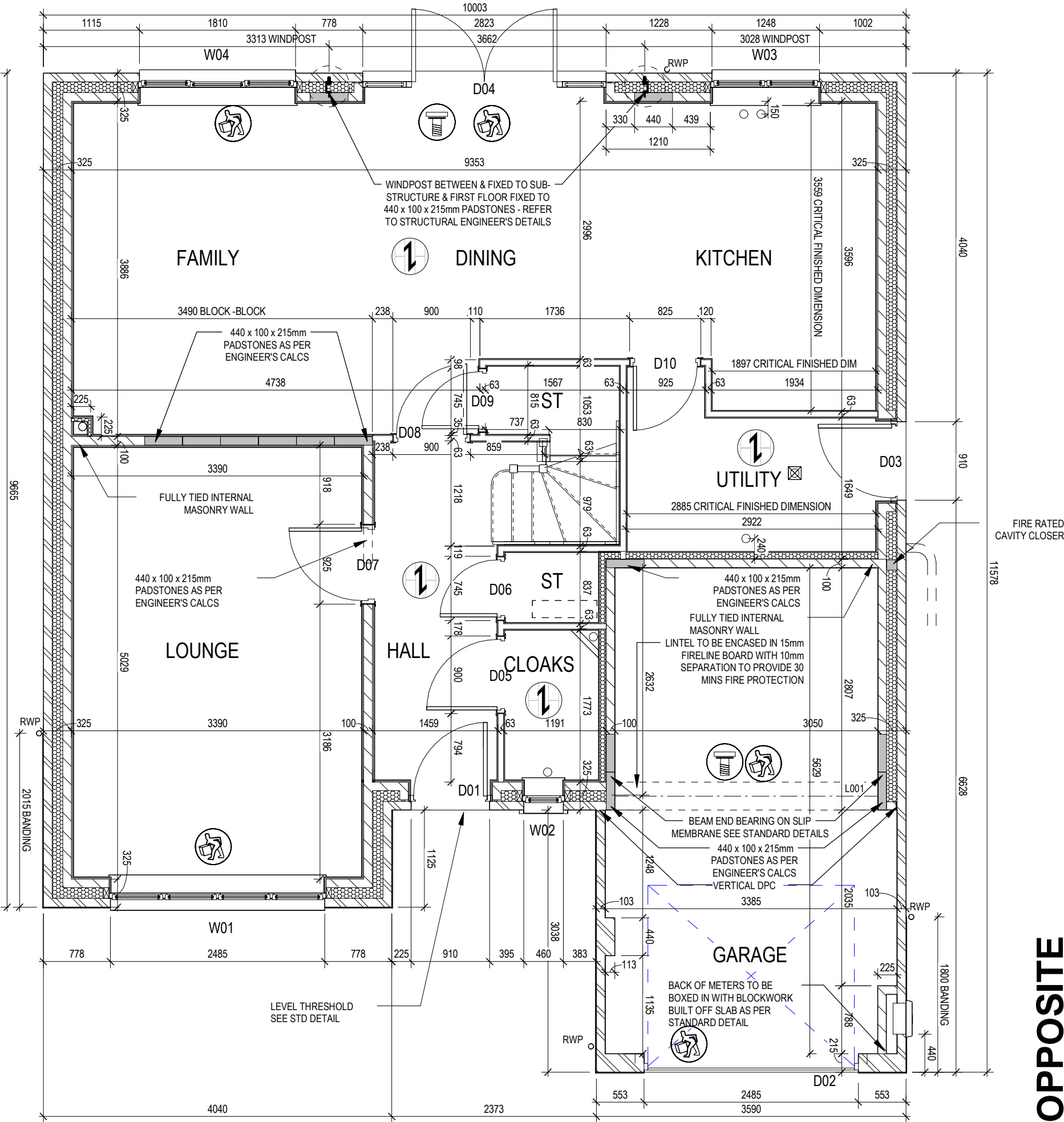
WALL LEGEND

WALL TYPE	SIZE (mm)	STRENGTH (N/mm²)	DENSITY (Kg/m³)	LAMBDA (V)
BLOCKWORK	100	3.6	600	0.15
BLOCKWORK	100	3.6	MIN 1350	-
40dB STUDWORK	63 (88)	-	-	-

NOTE: ENGINEERING SPREADER BRICK CENTERED UNDER JOIST TO HAVE MINIMUM CRUSHING STRENGTH OF 75N/mm². TOP LEVEL TO BE AT 2475mm ABOVE FFL



LOCATION AND DIRECTION OF OPTIONAL FLOOR TILING



OPPOSITE

02/10/23

External door schedule updated. Propping icon added. Padstones amended

A

Dwg No

DCC

Scale

1 : 50

Date

Feb 2023

211

2

211

2

211

2

Dwg Rev

A

Dwg Rev

A

Dwg Rev


A

Structural Layout Ground

Floor - Opp

Chester

G SERIES



This drawing must be read in conjunction with relevant Redrow specifications, standard details & structural calculations. All dimension are taken from face of Brick/Block & Studwork. This drawing is subject to copyright law. Do Not Scale Off This Drawing.



Window Schedule						
Ref	Frame Width	Frame Height	Int Block Opening	Comments	P1A - Glazing	PAS 24 - Locking
W01	2510	1640	2520		-	Yes
W02	485	1040	495	OBS	-	Yes
W03	1273	1040	1283		-	Yes
W04	1835	1340	1845		-	Yes
W05	2510	1340	2520	ESC	-	-
W06	1835	1040	1845	ESC	-	-
W07	1835	1040	1845	ESC	-	-
W08	1835	1040	1845	ESC	-	-
W09	710	1040	720	OBS	-	-

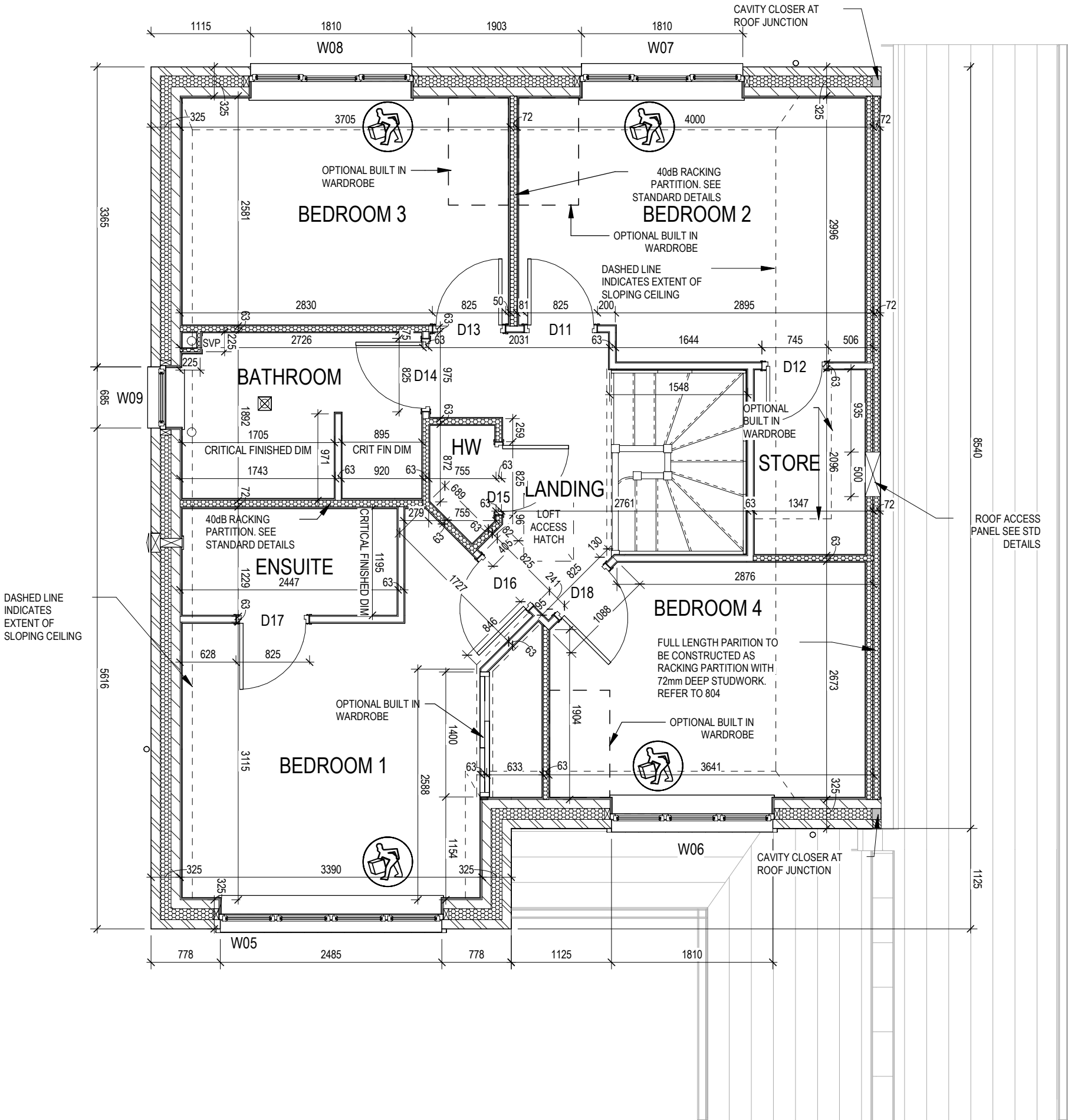
Door Schedule - Internal				
Ref	Width	Height	Fire Rating	Code
D05	900	2150		HID2
D06	745	2150		HID4
D07	925	2150		HID1
D08	900	2150		HID2
D09	745	2150		HID4
D10	825	2150		HID3
D11	825	2150		HID3
D12	745	1981		ID13
D13	825	2150		HID3
D14	825	2150		HID3
D15	825	2150		HID3
D16	825	2150		HID3
D17	825	2150		HID3
D18	825	2150		HID3

REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.

WALL LEGEND

WALL TYPE	SIZE (mm)	STRENGTH (N/mm²)	DENSITY (Kg/m³)	LAMBDA (λ)
BLOCKWORK	100	3.6	600	0.15
BLOCKWORK	100	3.6	MIN 1350	-
40dB STUDWORK	63 (88)	-	-	-

NOTE: ENGINEERING SPREADER BRICK CENTERED UNDER JOIST TO HAVE MINIMUM CRUSHING STRENGTH OF 75N/mm². TOP LEVEL TO BE AT 2475mm ABOVE FFL



OPPOSITE

02/10/23

14/05/24

10/06/24

40 dB racking wall between Bathroom and Ensuite

Racking wall note amended

Full length racking wall thickness reduced and note amended

Dwg No

DCC

Scale

1 : 50

Date

Feb 2023

Structural Layout First Floor

- Opp

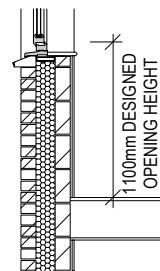
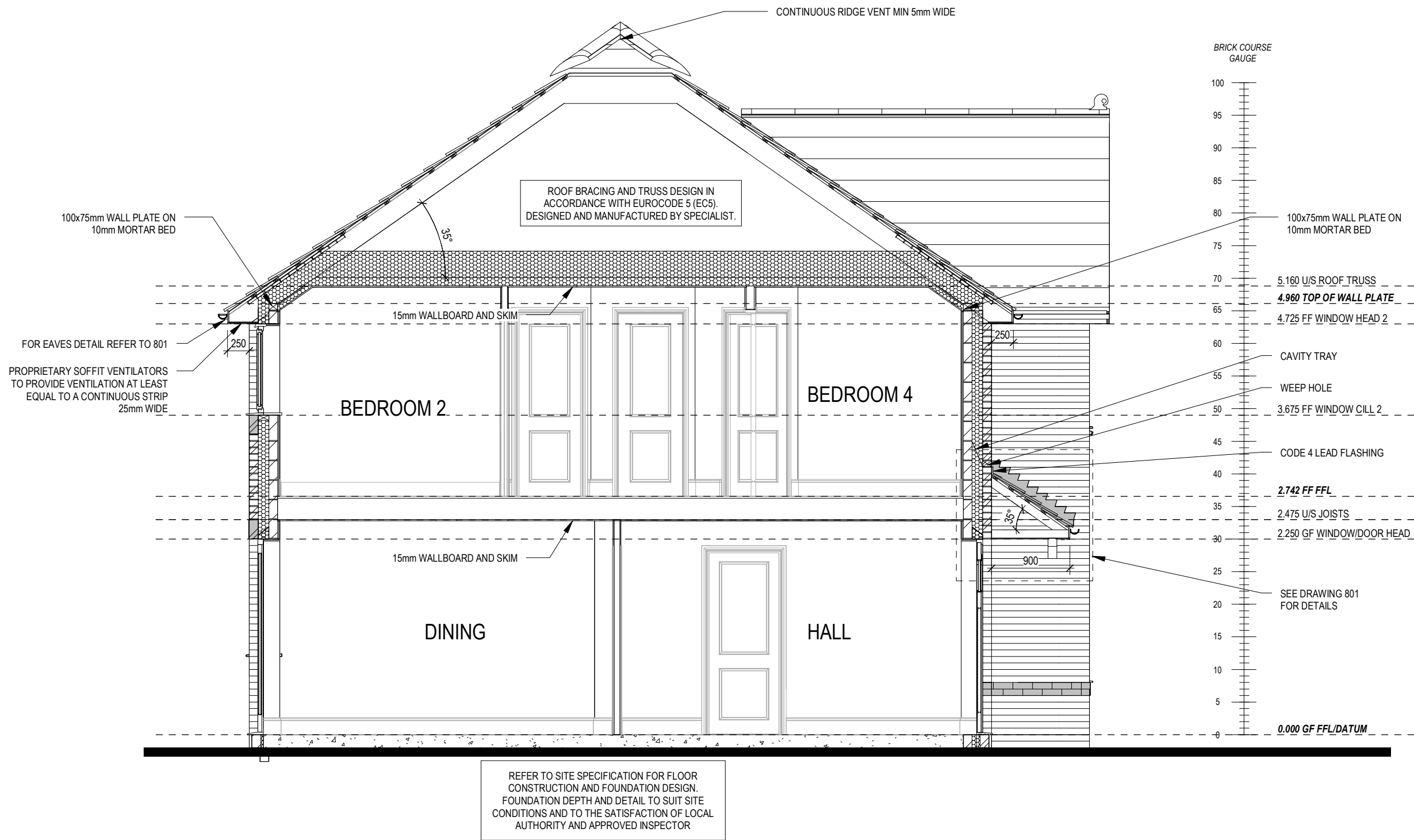
Chester

G SERIES

Dwg Rev

C

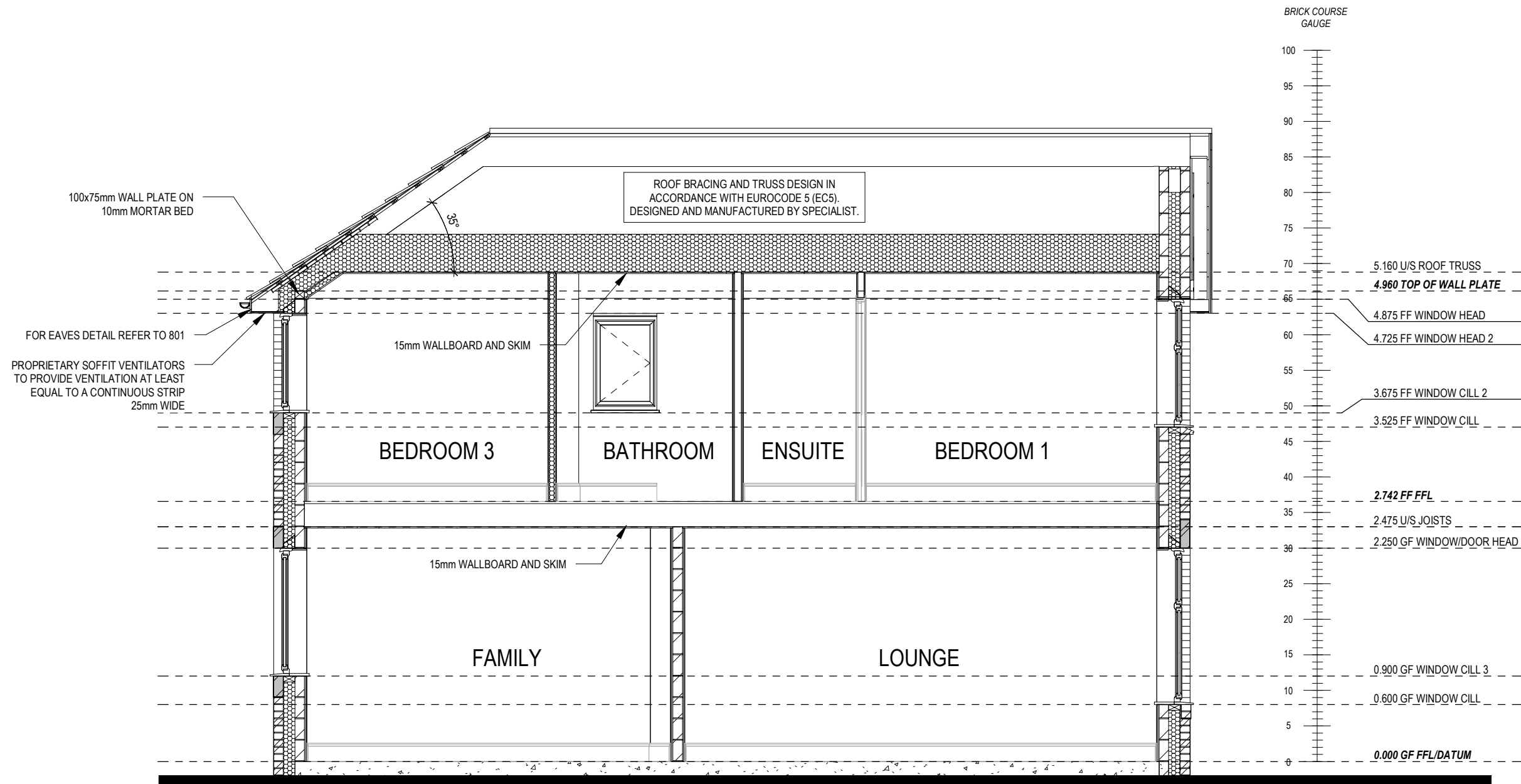
This drawing must be read in conjunction with relevant Redrow specifications, standard details & structural calculations. All dimension are taken from face of Brick/Block & Studwork. This drawing is subject to copyright law. Do Not Scale Off This Drawing.



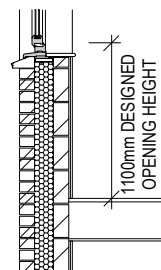
REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +0/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.

PART 'O' COMPLIANCE DIAGRAM Scale: 1:50

28/04/23		02/10/23	
A First floor window levels amended		B High level wall plate increased to 100 x 75mm.	
Section A-A		Dwg No	Dwg Rev
Chester		2	301
G SERIES		DCC	B
Scale		1 : 50	Date
			Feb 2023



REFER TO SITE SPECIFICATION FOR FLOOR CONSTRUCTION AND FOUNDATION DESIGN. FOUNDATION DEPTH AND DETAIL TO SUIT SITE CONDITIONS AND TO THE SATISFACTION OF LOCAL AUTHORITY AND APPROVED INSPECTOR



REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +0/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.

PART 'O' COMPLIANCE DIAGRAM Scale: 1:50

28/04/23	02/10/23	First floor window levels amended	High level wall plate increased to 100 x 75mm.	A	B

DCC	2	Dwg No	302	Dwg Rev	B

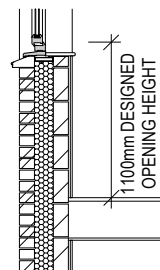
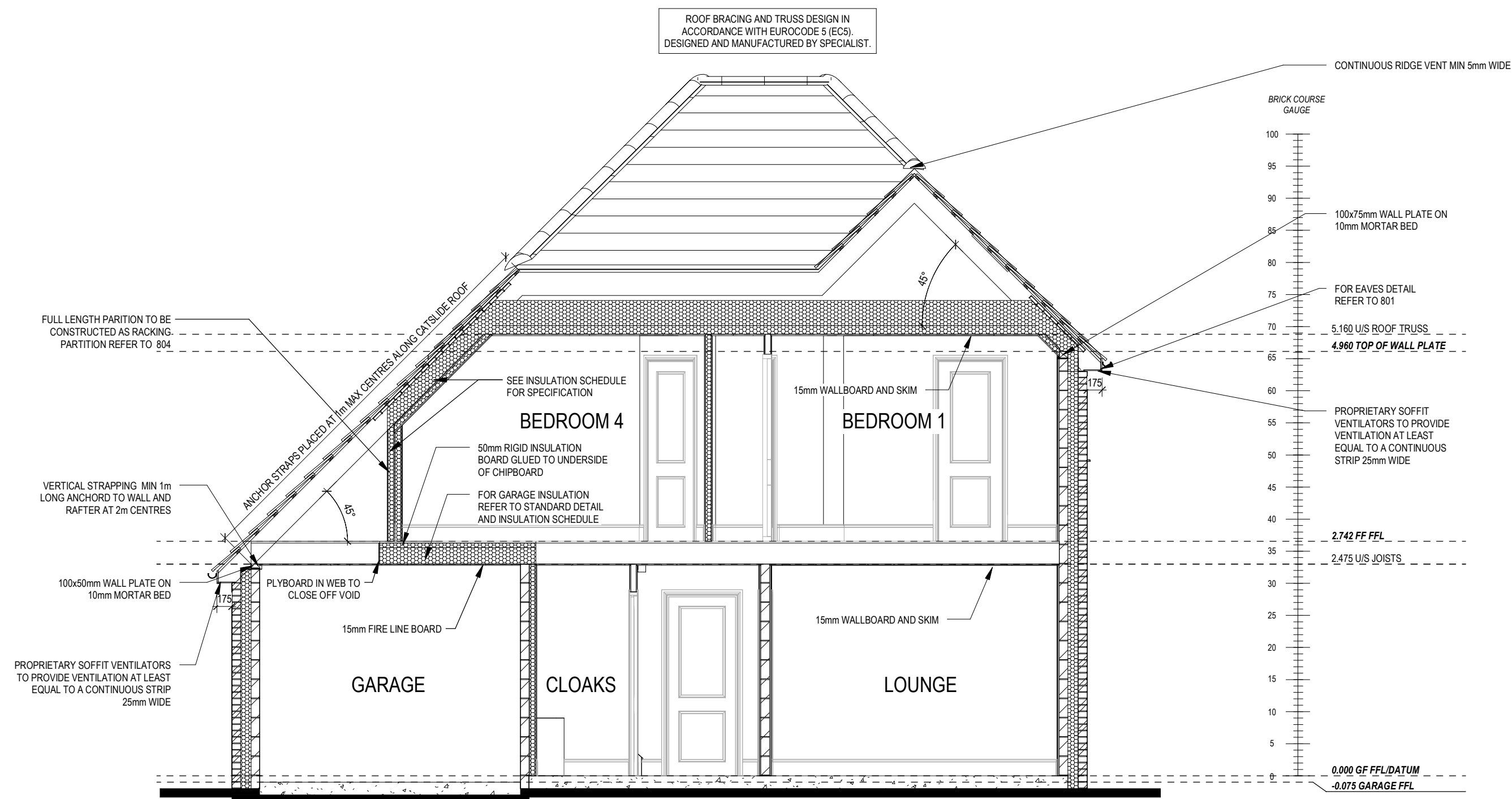
Scale	1 : 50	Date	Feb 2023

Section B-B	Chester	G SERIES

REDROW
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REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +0/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.

REFER TO SITE SPECIFICATION FOR FLOOR CONSTRUCTION AND FOUNDATION DESIGN. FOUNDATION DEPTH AND DETAIL TO SUIT SITE CONDITIONS AND TO THE SATISFACTION OF LOCAL AUTHORITY AND APPROVED INSPECTOR

PART 'O' COMPLIANCE DIAGRAM Scale: 1:50

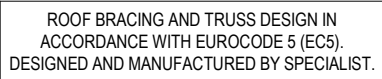
02/10/23	10/06/24
A	High level wall plate increased to 100 x 75mm.
B	Racking wall thickness reduced and note amended

Dwg No	DCC	Scale	Date	Dwg Rev
303	2	1:50	Feb 2023	B

Section C-C	Chester	G SERIES
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REDROW
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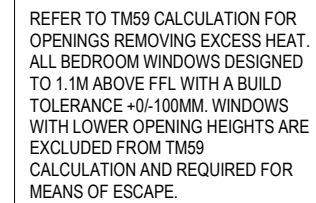


**Scale: 1 : 50**

REFER TO SITE SPECIFICATION FOR FLOOR  
CONSTRUCTION AND FOUNDATION DESIGN.  
FOUNDATION DEPTH AND DETAIL TO SUIT SITE  
CONDITIONS AND TO THE SATISFACTION OF LOCAL  
AUTHORITY AND APPROVED INSPECTOR

- CODE 4 LEAD FLASHING AND CAVITY TRAY OVER. PROVIDE MONO-VENT SYSTEM AS STANDARD DETAILS

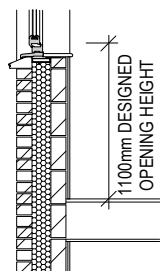
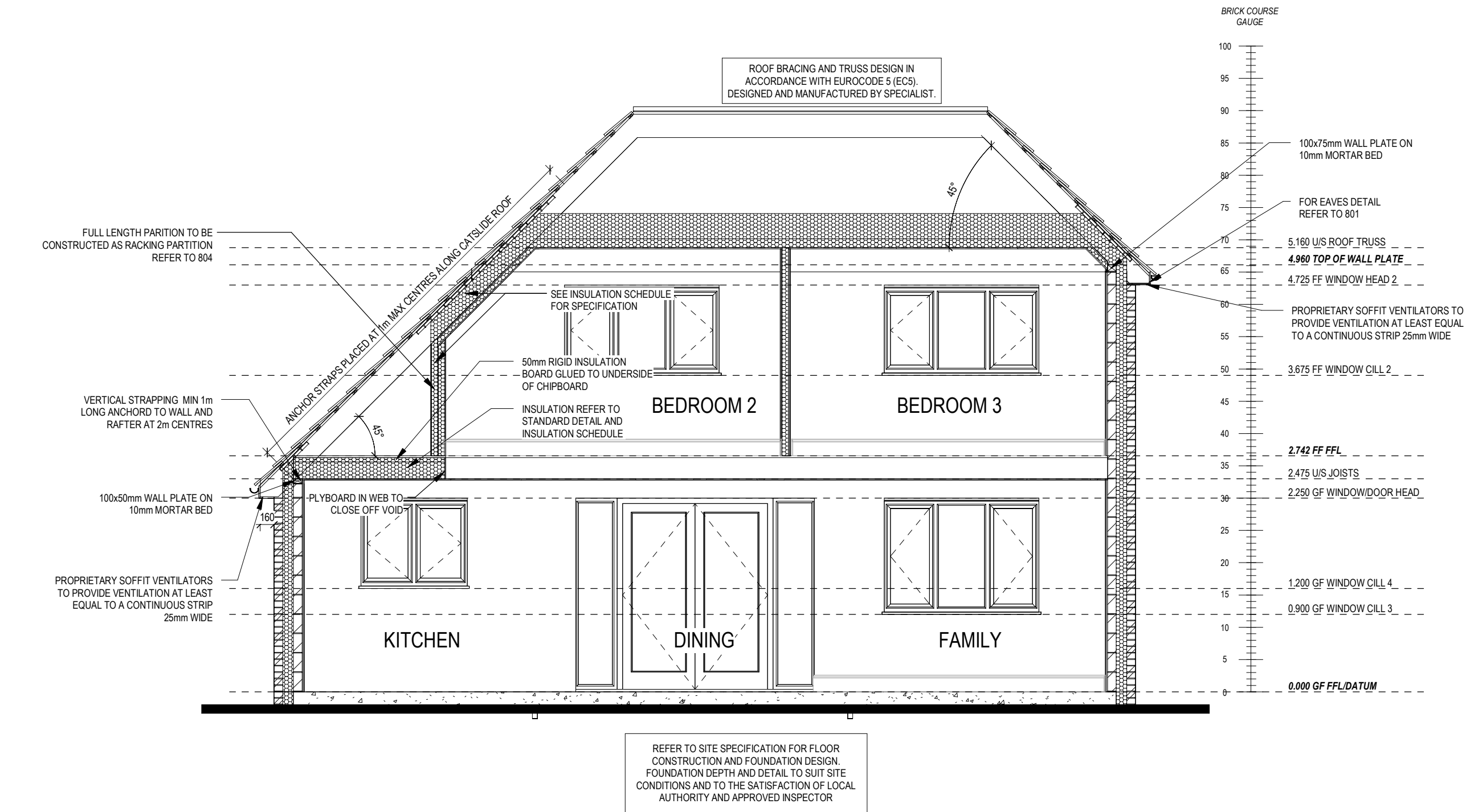
— CODE 4 LEAD FLASHING  
MINIMUM 75mm UPSTAND WITH  
CAVITY TRAY OVER, WEEP  
HOLES @ 450mm CRS



PART 'O' COMPLIANCE DIAGRAM Scale: 1:50







REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +0/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.

PART 'O' COMPLIANCE DIAGRAM Scale: 1:50

	28/04/23
	02/10/23
	10/06/24
A	First floor window levels amended
B	High level wall plate increased to 100 x 75mm.
C	Racking wall thickness reduced and note amended

Dwg No	306	Dwg Rev	C
DCC	2	Date	Feb 2023
Scale	1:50		

Section G-G

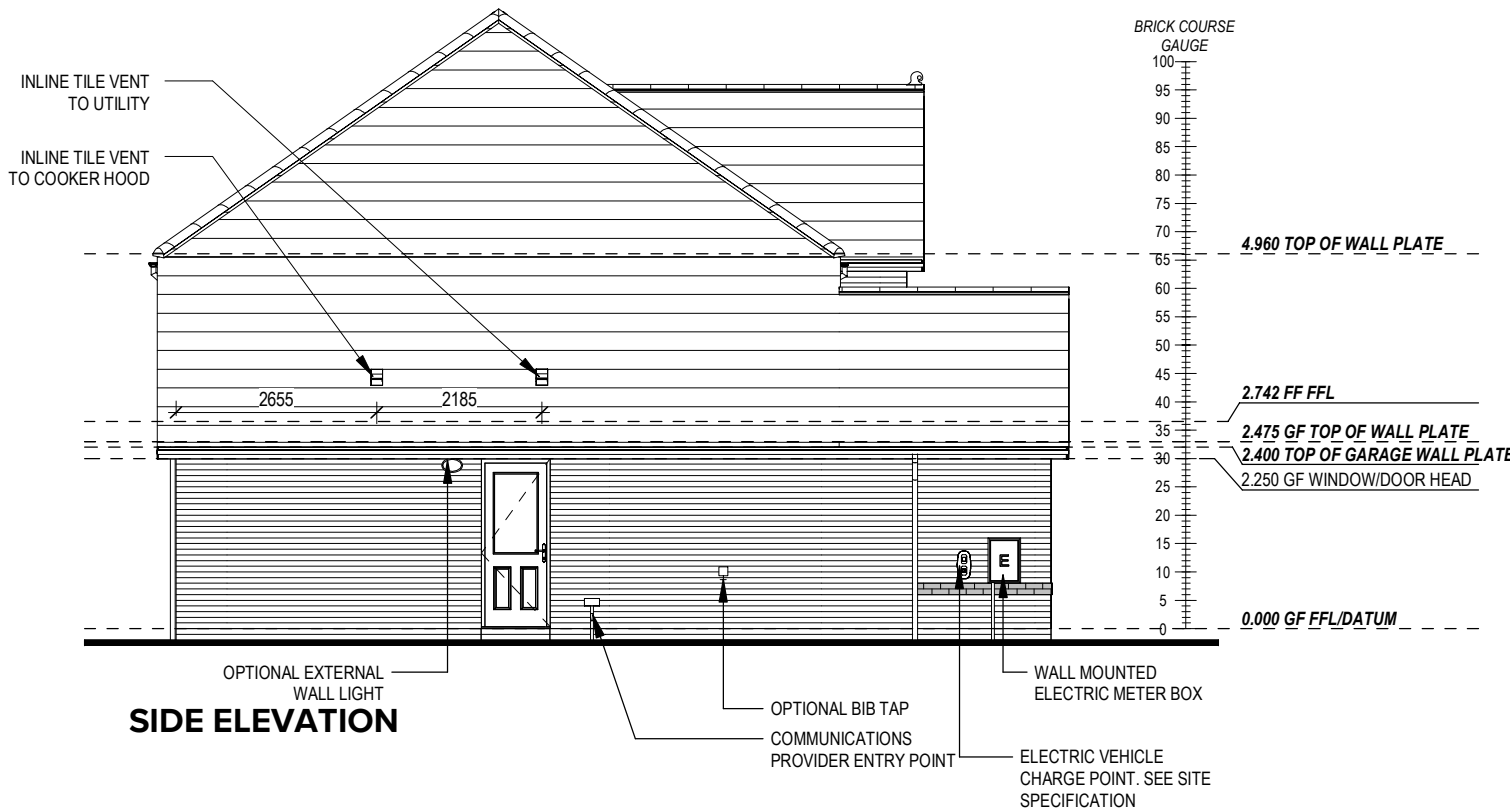
**Chester**  
G SERIES



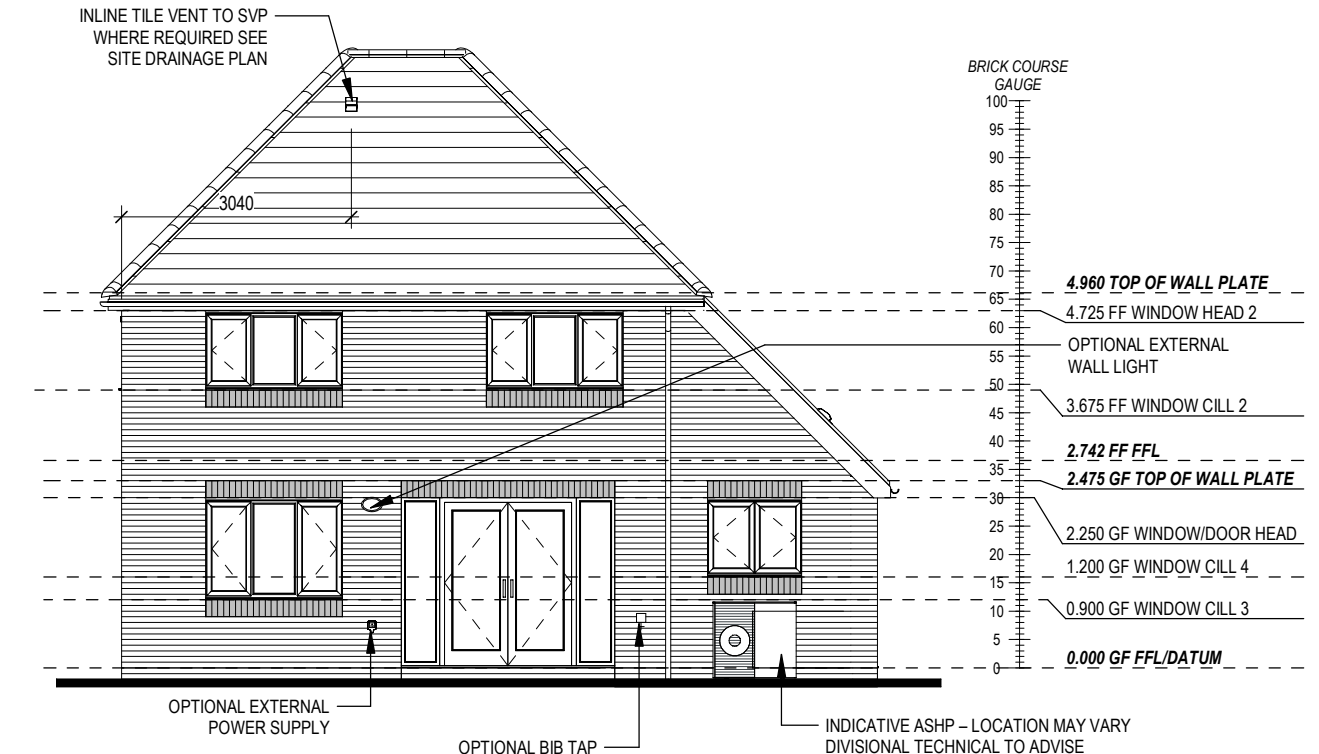
REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +0/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.



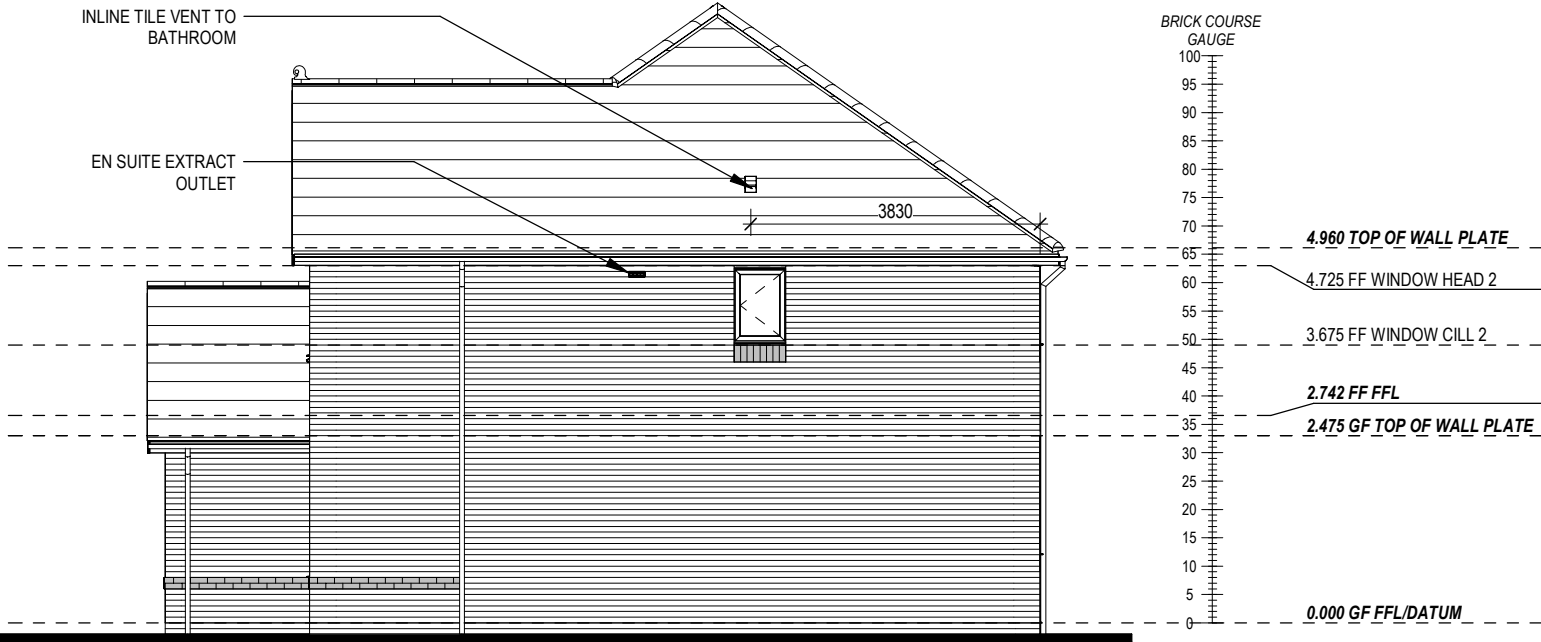
FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION



SIDE ELEVATION

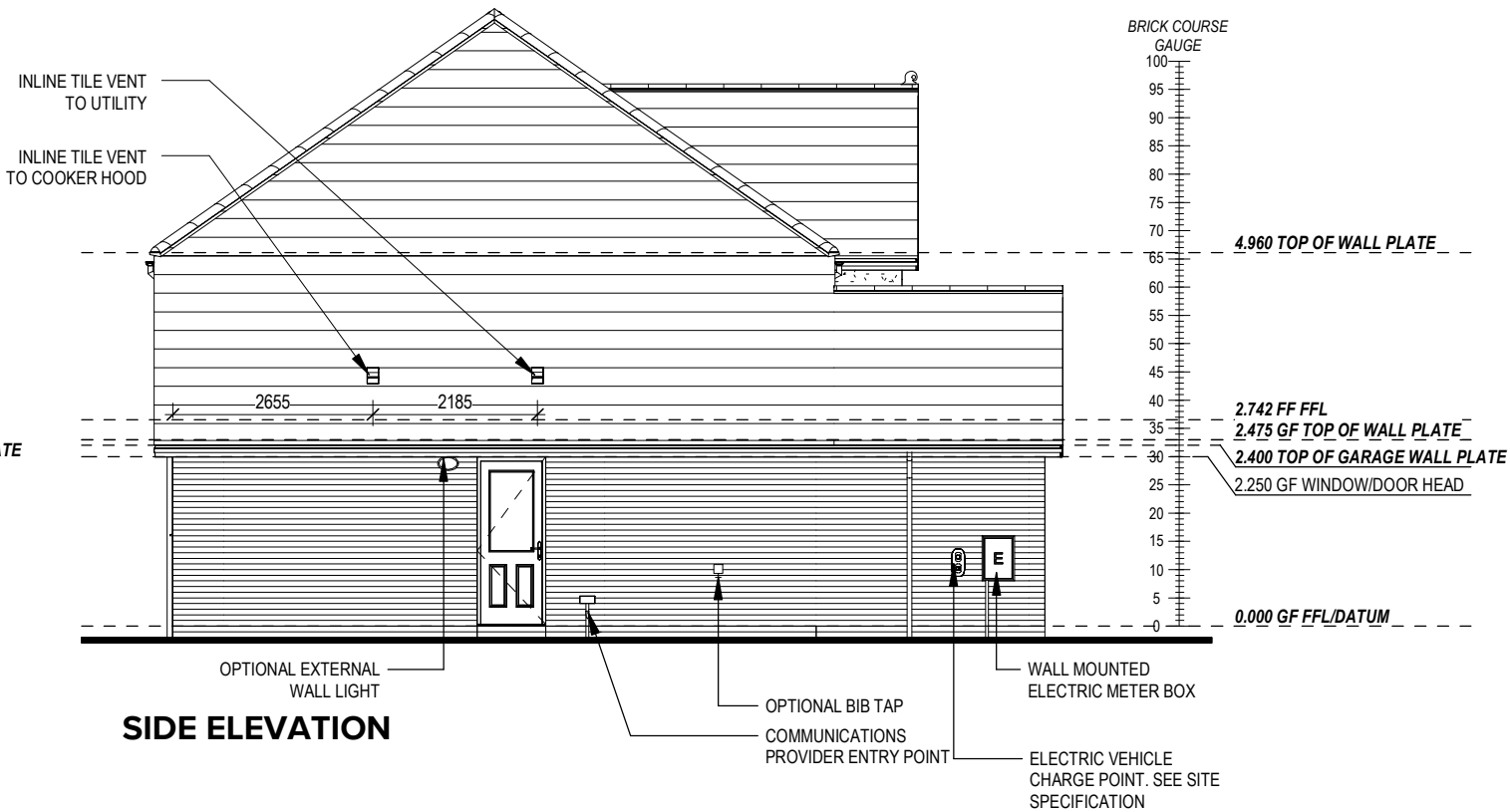
28/04/23			
02/10/23			
A	First floor window levels amended		
B	Additional window openers for Part O - High level wall plate increased to 100 x 75mm.		
Dwg No	DCC	Scale	Date
401	2	1 : 100	Feb 2023
Dwg Rev	B		
Elevations B1			
Chester			
G SERIES			
REDROW			

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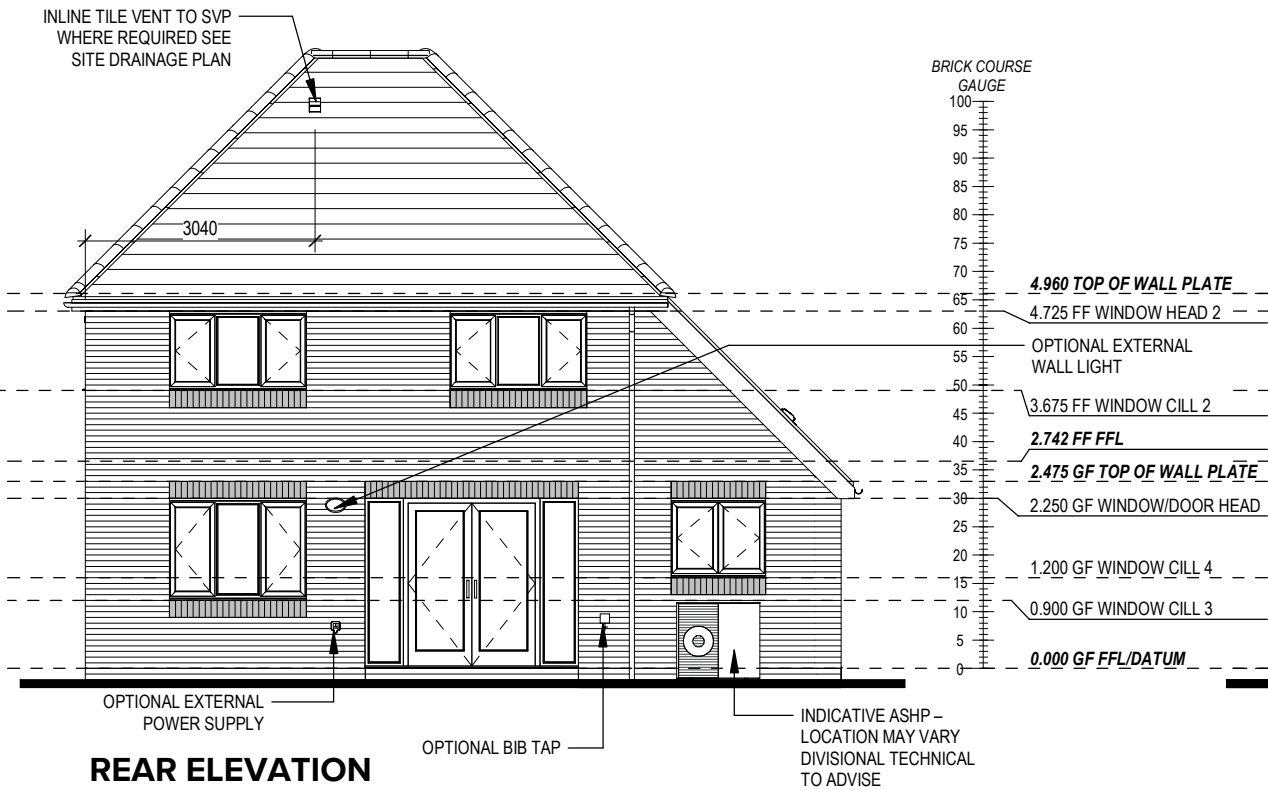
REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +0/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.



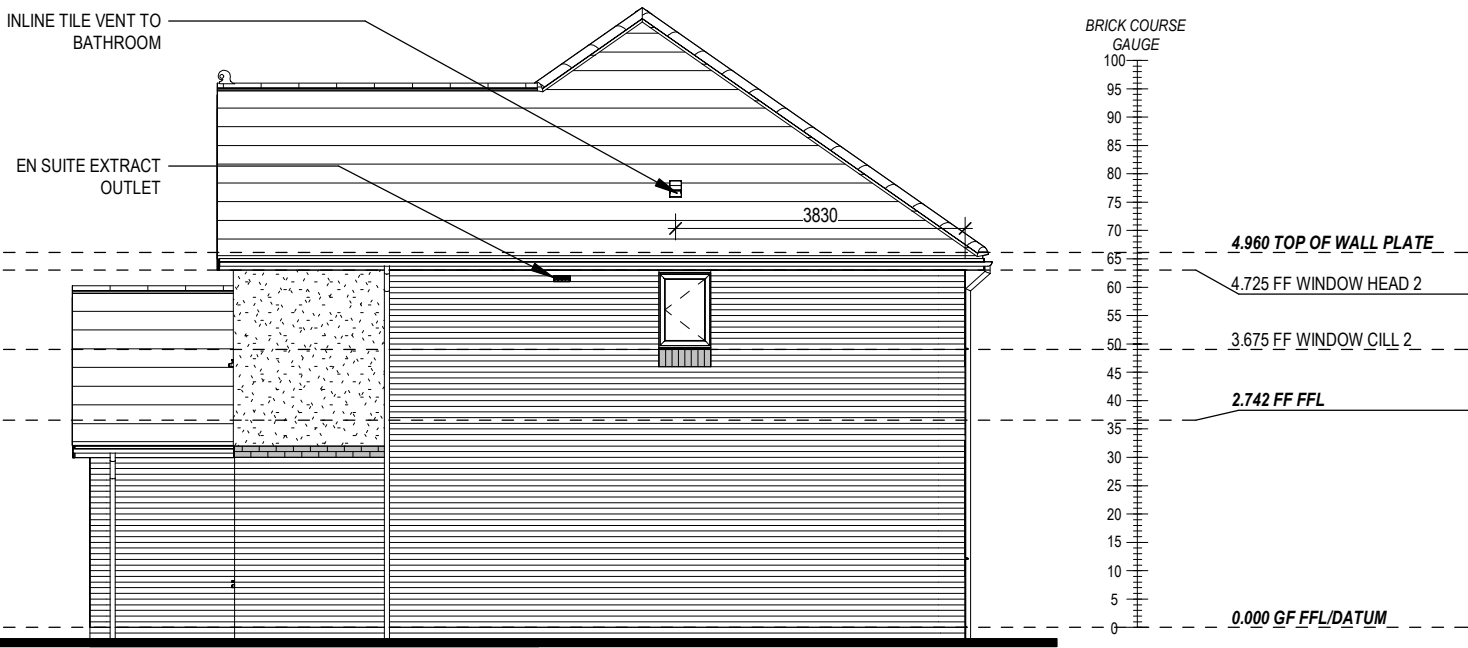
FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION



SIDE ELEVATION

28/04/23	02/10/23
A First floor window levels amended	
B Additional window openers for Part O - High level wall plate increased to 100 x 75mm.	

Dwg No	DCC	Scale	Date
402	2	1 : 100	Feb 2023

Dwg Rev	B
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Elevations A1

Chester

G SERIES

REDROW

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FLOOR - FLOOR	= 2742mm
RISE	= 13No. @ 210.9mm (220mm Max)
GOING	= 235mm (220mm Min)
STRING - STRING	= SEE DWG
PITCH	= 41.9°
STRINGERS	= 32 x 250mm
NEWEL POSTS	= 92 x 92mm

[illegible]

This architectural floor plan illustrates a staircase layout with 13 steps, numbered 1 through 13. The plan includes the following details:

- Dimensions:**
  - Horizontal dimensions: 235 (repeated for steps 1-12), 239 (for step 10), and 1530 (total width).
  - Vertical dimensions: 252 (for steps 6-8) and 236 (for step 5).
- Stringers:**
  - 895 STRINGER - STRINGER (vertical)
  - 895 STRINGER - STRINGER (horizontal)
- Trimmer and Block Labels:**
  - 1530 TRIMMER - TRIMMER (top horizontal)
  - 3059 BLOCK - TRIMMER (top right vertical)
  - 2096 TRIMMER - TRIMMER (middle right vertical)
  - 2736 BLOCK - TRIMMER (bottom right vertical)
- Section Markers:**
  - Section A 502 (horizontal lines at the bottom and top of the main staircase area)
  - Section B 502 (vertical lines at the left and right of the main staircase area)
- Other Features:**
  - Architectural details of walls, doors, and stairs are shown.
  - A north arrow is located in the upper right corner.

FLOOR - FLOOR = 2742mm  
RISE = 13No. @ 210.9mm (220mm Max)  
GOING = 235mm (220mm Min)  
STRING - STRING = SEE DWG  
PITCH = 41.9°  
STRINGERS = 32 x 250mm  
NEWEL POSTS = 92 x 92mm

TRIMMER JOIST

1530 TRIMMER - TRIMMER

2.742 FF FFL

TRIMMER JOIST

38 x 50mm S/W PACKER

2000 MIN HEAD ROOM

1

2

3

4

5

6

7

8

9

10

11

Architectural section drawing of a staircase. The drawing shows a staircase with a structural newel and a 2096 TRIMMER - TRIMMER. The floor level is marked as 2.742 FF FFL. The staircase is labeled with numbers 9, 10, 11, 12, and 13. The material specification is 12.5mm WALLBOARD AND SKIM. The structural newel is indicated by a dashed line. The drawing also shows a section of a wall with a door frame and a window frame. Dimensions are given as 99 MAX and 900 MIN.



Chester

G SERIES

Staircase Details 2 of 2

Scale

1 : 20

DCC

2

Dwg No

502

Date

Feb 2023

Dwg Rev



































A

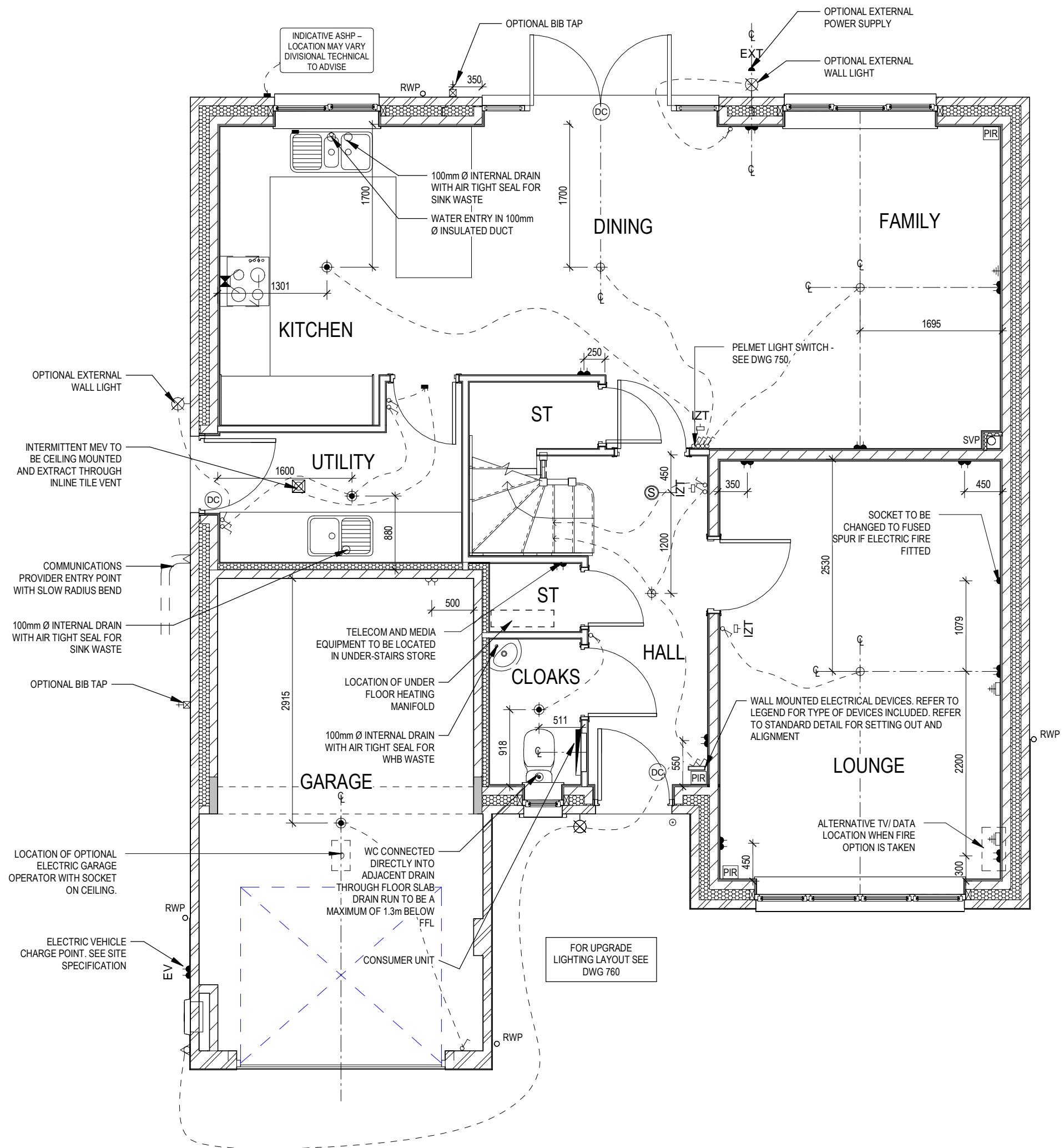
A

Stairs tread depths updated, joists amended to suit

02/10/23

## ELECTRICAL LEGEND

- |   |   |
|---|---|
|      | PENDANT TYPE LIGHT FITTING  |
|      | BATTEN HOLDER LIGHT FITTING   |
|      | SINGLE S/W SOCKET OUTLET (LOW LEVEL)  |
|      | DOUBLE S/W SOCKET OUTLET (FILLED AT LOW LEVEL, CLEAR AT HIGH LEVEL)   |
| USB  | DOUBLE S/W SOCKET OUTLET WITH DOUBLE USB SOCKET (FILLED AT LOW LEVEL, CLEAR AT HIGH LEVEL)  |
| EV   | ELECTRIC VEHICLE CHARGE POINT (SEE SITE SPECIFICATION)  |
| EXT  | EXTERNAL POWER SUPPLY (OPTIONAL)  |
|      | FUSED OUTLET (IMMERSION)  |
|      | ISOLATOR SWITCH   |
|      | SINGLE SWITCH, DOUBLE SWITCH, TRIPLE SWITCH   |
|      | NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.   |
|      | COMBINED T.V., SATELLITE AND DATA POINT WITH OPTIONAL HIGH LEVEL MOUNT  |
|      | T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL HIGH LEVEL MOUNT   |
|      | OPTIONAL T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL HIGH LEVEL MOUNT  |
|      | DATA POINT  |
|      | SMOKE DETECTOR  |
|      | HEAT DETECTOR   |
|      | SHAVER SOCKET   |
|      | ROOM THERMOSTAT   |
|      | INDIVIDUAL ZONE THERMOSTAT  |
|      | PROGRAMMER AND HOT WATER TIMER  |
|      | PROGRAMMABLE THERMOSTAT   |
|     | EXTERNAL WALL LIGHT FITTING WITH INTEGRAL DUSK TO DAWN SENSOR   |
|    | EXTERNAL SURFACE MOUNTED BULKHEAD LIGHT FITTING TO CANOPY   |
|    | DOOR BELL PUSH BUTTON IN FRAME  |
|    | PV METER SWITCH (SITE UPGRADE/CUSTOMER OPTION)  |
|    | SEMI RECESSED CONSUMER UNIT   |
|    | DUSK TO DAWN SENSOR   |
|    | COMMS ENTRY POINT WITH SLOW RADIUS BEND   |
|    | COMBINATION WALL MOUNTED ELECTRICAL DEVICES (REFER TO STD DETAIL),<br>CONSISTING:<br>- DOOR BELL CHIME<br>- ALARM KEYPAD (CUSTOMER OPTION)<br>- TRIPLE LIGHT SWITCH |
|    | BANK OF SWITCHES  |
|    | PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE FFL (CUSTOMER OPTION)  |
|    | DOOR CONTACT (CUSTOMER OPTION)  |
|    | JUNCTION BOX (IF REQUIRED)  |



A	Showhome PIR note added	02/10/23
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Scale 1 : 50  
DCC 2  
Dwg No 601  
Date Feb 2023  
Dwg Rev A

## Services Layout Ground Floor

# Chester

## G SERIES

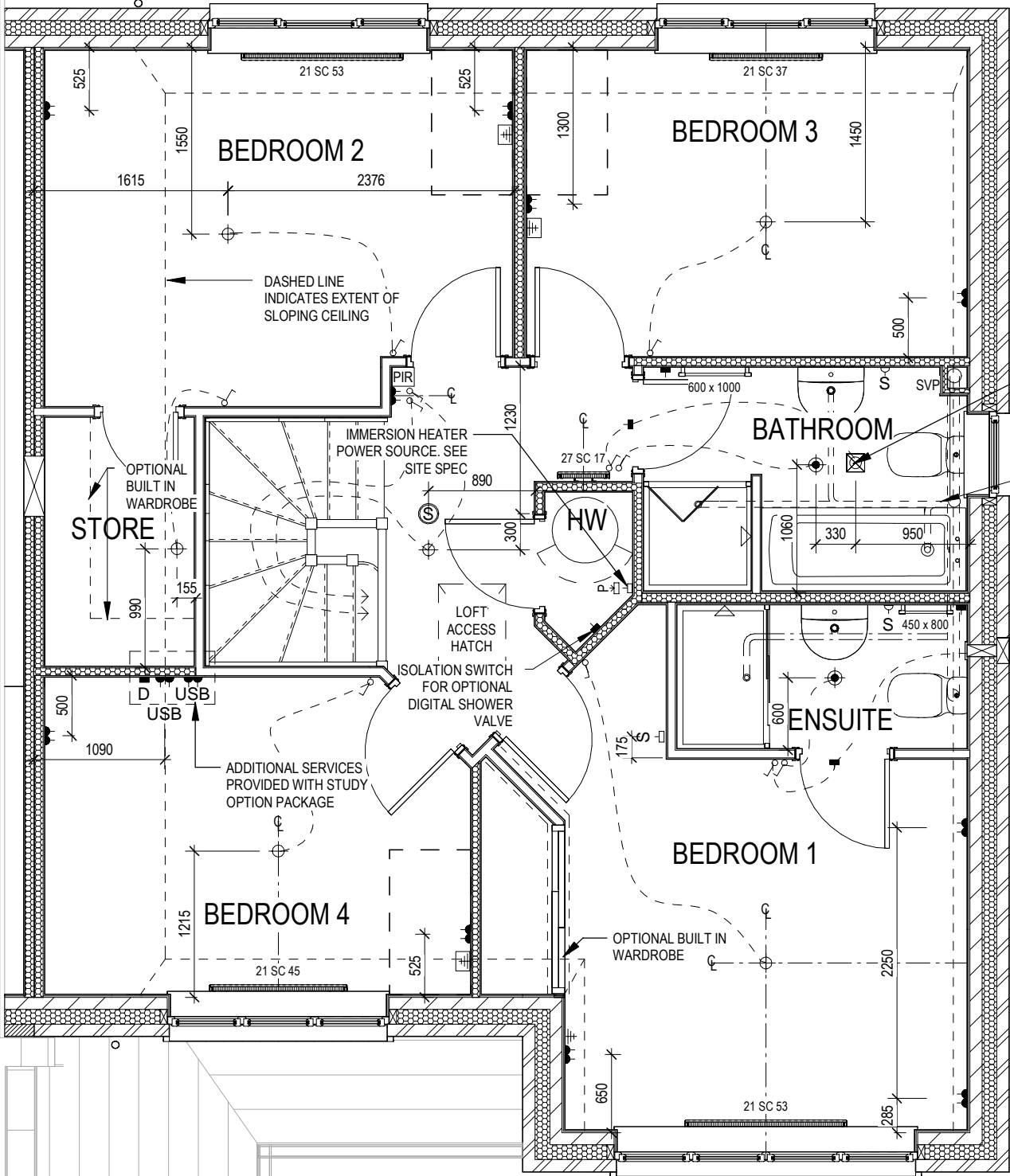


This drawing must be read in conjunction with relevant Redrow specifications, standard details & structural calculations. All dimension are taken from face of Brick/Block & Studwork. This drawing is subject to copyright law. Do Not Scale Off This Drawing.



ELECTRICAL LEGEND

- PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
- SINGLE S/W SOCKET OUTLET (LOW LEVEL)
- DOUBLE S/W SOCKET OUTLET (FILLED AT LOW LEVEL, CLEAR AT HIGH LEVEL)
- DOUBLE S/W SOCKET OUTLET WITH DOUBLE USB SOCKET (FILLED AT LOW LEVEL, CLEAR AT HIGH LEVEL)
- ELECTRIC VEHICLE CHARGE POINT (SEE SITE SPECIFICATION)
- EXTERNAL POWER SUPPLY (OPTIONAL)
- FUSED OUTLET (IMMERSION)
- ISOLATOR SWITCH
- SINGLE SWITCH, DOUBLE SWITCH, TRIPLE SWITCH
- NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.
- COMBINED T.V., SATELLITE AND DATA POINT WITH OPTIONAL HIGH LEVEL MOUNT
- T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL HIGH LEVEL MOUNT
- OPTIONAL T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL HIGH LEVEL MOUNT
- DATA POINT
- SMOKE DETECTOR
- HEAT DETECTOR
- SHAVER SOCKET
- ROOM THERMOSTAT
- INDIVIDUAL ZONE THERMOSTAT
- PROGRAMMER AND HOT WATER TIMER
- PROGRAMMABLE THERMOSTAT
- EXTERNAL WALL LIGHT FITTING WITH INTEGRAL DUSK TO DAWN SENSOR
- EXTERNAL SURFACE MOUNTED BULKHEAD LIGHT FITTING TO CANOPY
- DOOR BELL PUSH BUTTON IN FRAME
- PV METER SWITCH (SITE UPGRADE/CUSTOMER OPTION)
- SEMI RECESSED CONSUMER UNIT
- DUSK TO DAWN SENSOR
- COMMS ENTRY POINT WITH SLOW RADIUS BEND
- COMBINATION WALL MOUNTED ELECTRICAL DEVICES (REFER TO STD DETAIL), CONSISTING:  
  
- DOOR BELL CHIME  
- ALARM KEYPAD (CUSTOMER OPTION)  
- TRIPLE LIGHT SWITCH
- BANK OF SWITCHES
- PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE FFL (CUSTOMER OPTION)
- DOOR CONTACT (CUSTOMER OPTION)
- JUNCTION BOX (IF REQUIRED)



NOTE:  
FOR UPGRADE LIGHTING  
LAYOUT SEE DWG 761

**Chester**  
G SERIES

Services Layout First Floor

DCC

2

Dwg No

602

Scale

1 : 50

Date

Feb 2023

Dwg Rev

A

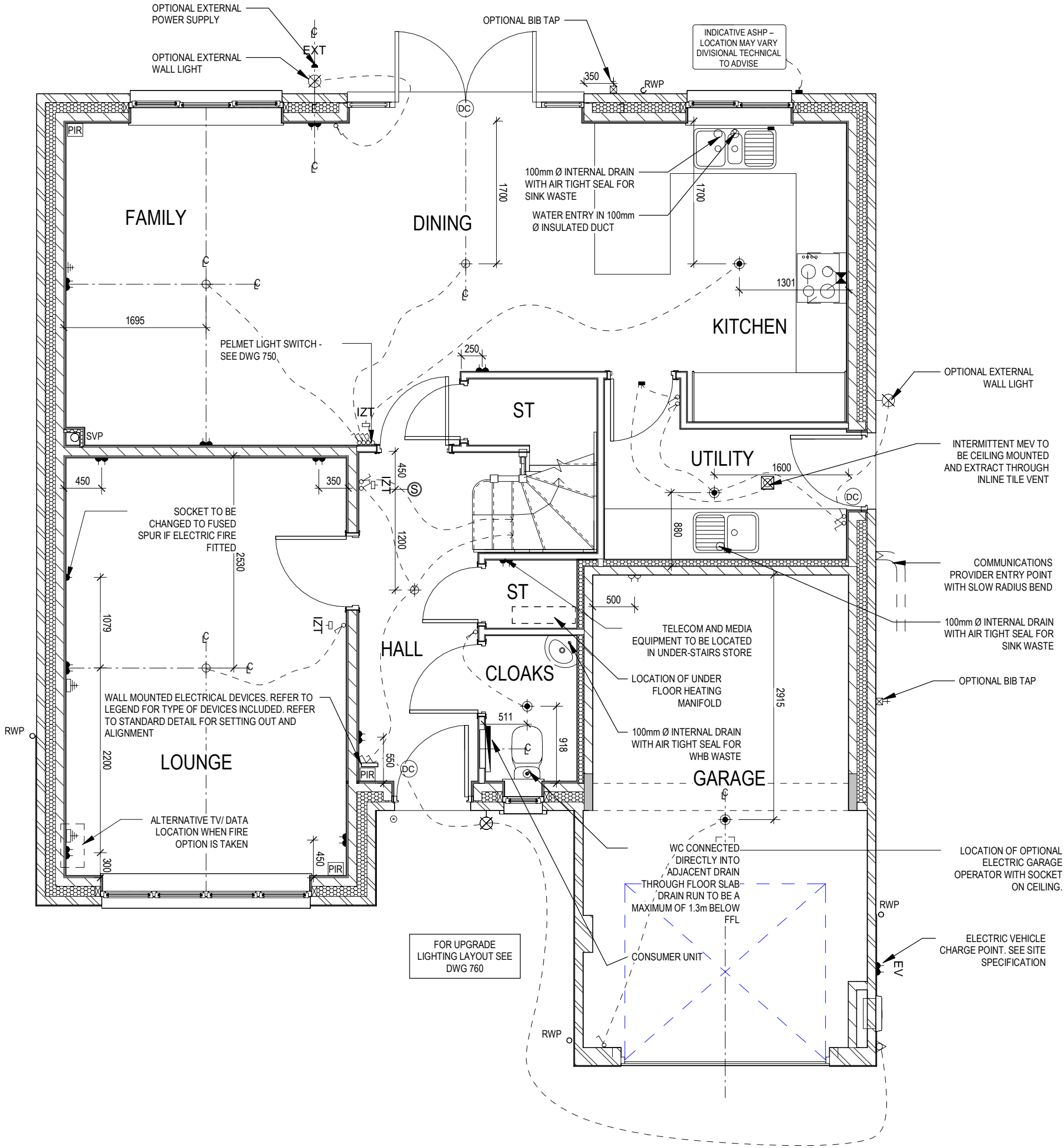
10/06/24

A Racking wall thickness reduced

This drawing must be read in conjunction with relevant Redrow specifications, standard details & structural calculations. All dimension are taken from face of Brick/Block & Studwork. This drawing is subject to copyright law. Do Not Scale Off This Drawing.

ELECTRICAL LEGEND

- PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
- SINGLE S/W SOCKET OUTLET (LOW LEVEL)
- DOUBLE S/W SOCKET OUTLET (FILLED AT LOW LEVEL, CLEAR AT HIGH LEVEL)
- DOUBLE S/W SOCKET OUTLET WITH DOUBLE USB SOCKET (FILLED AT LOW LEVEL, CLEAR AT HIGH LEVEL)
- ELECTRIC VEHICLE CHARGE POINT (SEE SITE SPECIFICATION)
- EXTERNAL POWER SUPPLY (OPTIONAL)
- FUSED OUTLET (IMMERSION)
- ISOLATOR SWITCH
- SINGLE SWITCH, DOUBLE SWITCH, TRIPLE SWITCH
- NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.
- COMBINED T.V., SATELLITE AND DATA POINT WITH OPTIONAL HIGH LEVEL MOUNT
- T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL HIGH LEVEL MOUNT
- OPTIONAL T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL HIGH LEVEL MOUNT
- DATA POINT
- SMOKE DETECTOR
- HEAT DETECTOR
- SHAVER SOCKET
- ROOM THERMOSTAT
- INDIVIDUAL ZONE THERMOSTAT
- PROGRAMMER AND HOT WATER TIMER
- PROGRAMMABLE THERMOSTAT
- EXTERNAL WALL LIGHT FITTING WITH INTEGRAL DUSK TO DAWN SENSOR
- EXTERNAL SURFACE MOUNTED BULKHEAD LIGHT FITTING TO CANOPY
- DOOR BELL PUSH BUTTON IN FRAME
- PV METER SWITCH (SITE UPGRADE/CUSTOMER OPTION)
- SEMI RECESSED CONSUMER UNIT
- DUSK TO DAWN SENSOR
- COMMS ENTRY POINT WITH SLOW RADIUS BEND
- COMBINATION WALL MOUNTED ELECTRICAL DEVICES (REFER TO STD DETAIL), CONSISTING:
- DOOR BELL CHIME
- ALARM KEYPAD (CUSTOMER OPTION)
- TRIPLE LIGHT SWITCH
- BANK OF SWITCHES
- PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE FFL (CUSTOMER OPTION)
- DOOR CONTACT (CUSTOMER OPTION)
- JUNCTION BOX (IF REQUIRED)

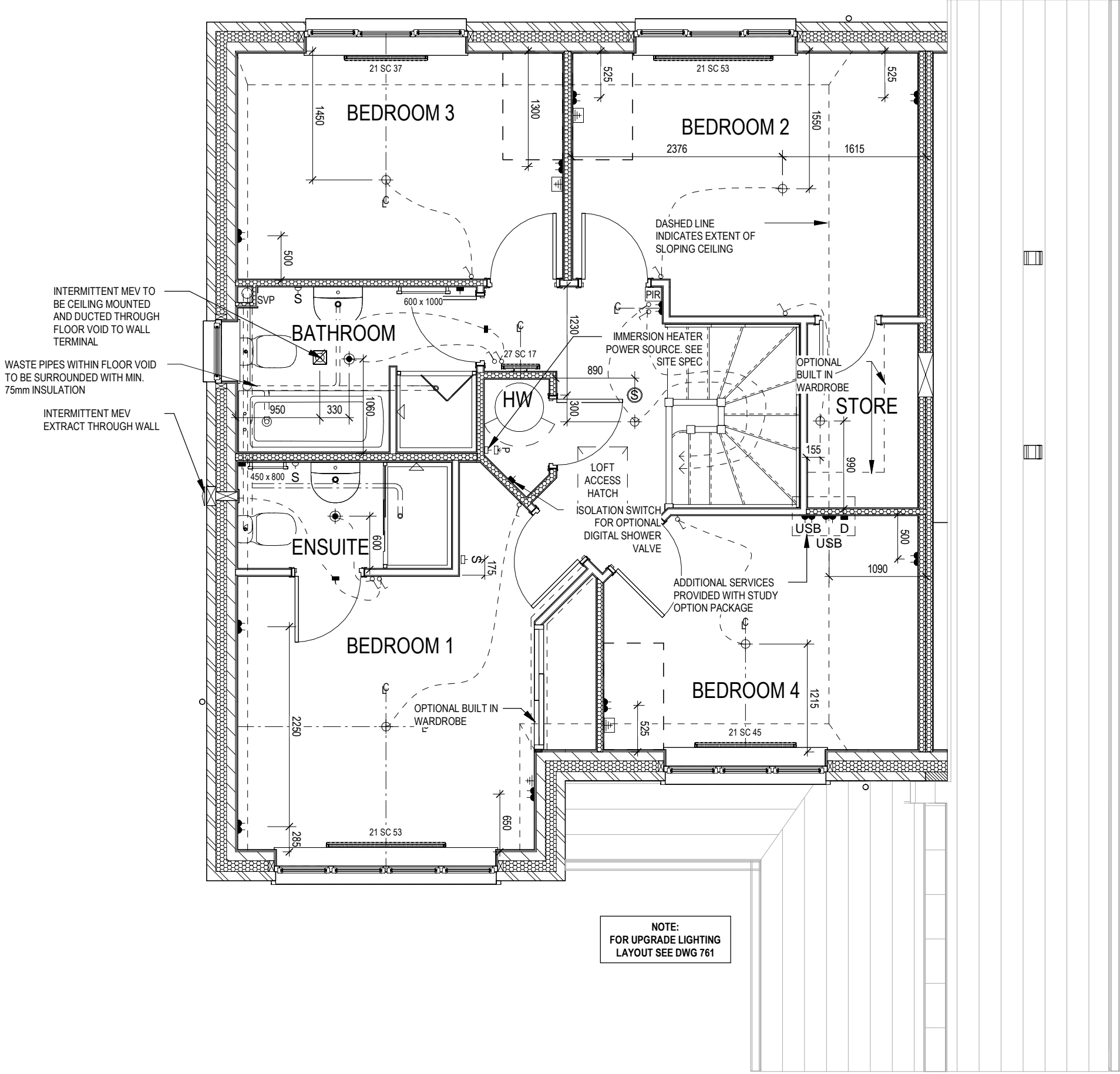


OPPOSITE

	Chester G SERIES	Services Layout Ground Floor - Opp			Scale 1 : 50 Date Feb 2023	DCC 2	Dwg No 611	A	02/10/23
		Dwg Rev A							
		Showhome PIR note added							

ELECTRICAL LEGEND

- PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
- SINGLE S/W SOCKET OUTLET (LOW LEVEL)
- DOUBLE S/W SOCKET OUTLET (FILLED AT LOW LEVEL, CLEAR AT HIGH LEVEL)
- DOUBLE S/W SOCKET OUTLET WITH DOUBLE USB SOCKET (FILLED AT LOW LEVEL, CLEAR AT HIGH LEVEL)
- ELECTRIC VEHICLE CHARGE POINT (SEE SITE SPECIFICATION)
- EXTERNAL POWER SUPPLY (OPTIONAL)
- FUSED OUTLET (IMMERSION)
- ISOLATOR SWITCH
- SINGLE SWITCH, DOUBLE SWITCH, TRIPLE SWITCH
- NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.
- COMBINED T.V., SATELLITE AND DATA POINT WITH OPTIONAL HIGH LEVEL MOUNT
- T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL HIGH LEVEL MOUNT
- OPTIONAL T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL HIGH LEVEL MOUNT
- DATA POINT
- SMOKE DETECTOR
- HEAT DETECTOR
- SHAVER SOCKET
- ROOM THERMOSTAT
- INDIVIDUAL ZONE THERMOSTAT
- PROGRAMMER AND HOT WATER TIMER
- PROGRAMMABLE THERMOSTAT
- EXTERNAL WALL LIGHT FITTING WITH INTEGRAL DUSK TO DAWN SENSOR
- EXTERNAL SURFACE MOUNTED BULKHEAD LIGHT FITTING TO CANOPY
- DOOR BELL PUSH BUTTON IN FRAME
- PV METER SWITCH (SITE UPGRADE/CUSTOMER OPTION)
- SEMI RECESSED CONSUMER UNIT
- DUSK TO DAWN SENSOR
- COMMS ENTRY POINT WITH SLOW RADIUS BEND
- COMBINATION WALL MOUNTED ELECTRICAL DEVICES (REFER TO STD DETAIL), CONSISTING:  
- DOOR BELL CHIME  
- ALARM KEYPAD (CUSTOMER OPTION)  
- TRIPLE LIGHT SWITCH
- BANK OF SWITCHES
- PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE FFL (CUSTOMER OPTION)
- DOOR CONTACT (CUSTOMER OPTION)
- JUNCTION BOX (IF REQUIRED)



NOTE:  
FOR UPGRADE LIGHTING  
LAYOUT SEE DWG 761

OPPOSITE

**Chester**  
G SERIES

Services Layout First Floor -  
Opp

DCC 2

Scale 1 : 50

Date Feb 2023

Dwg No 612

Dwg Rev A



Full length racking wall thickness reduced


10/06/24





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



ELECTRICAL LEGEND


-  FUSED OUTLET (IMMERSSION)
-  ISOLATOR SWITCH
- UFH



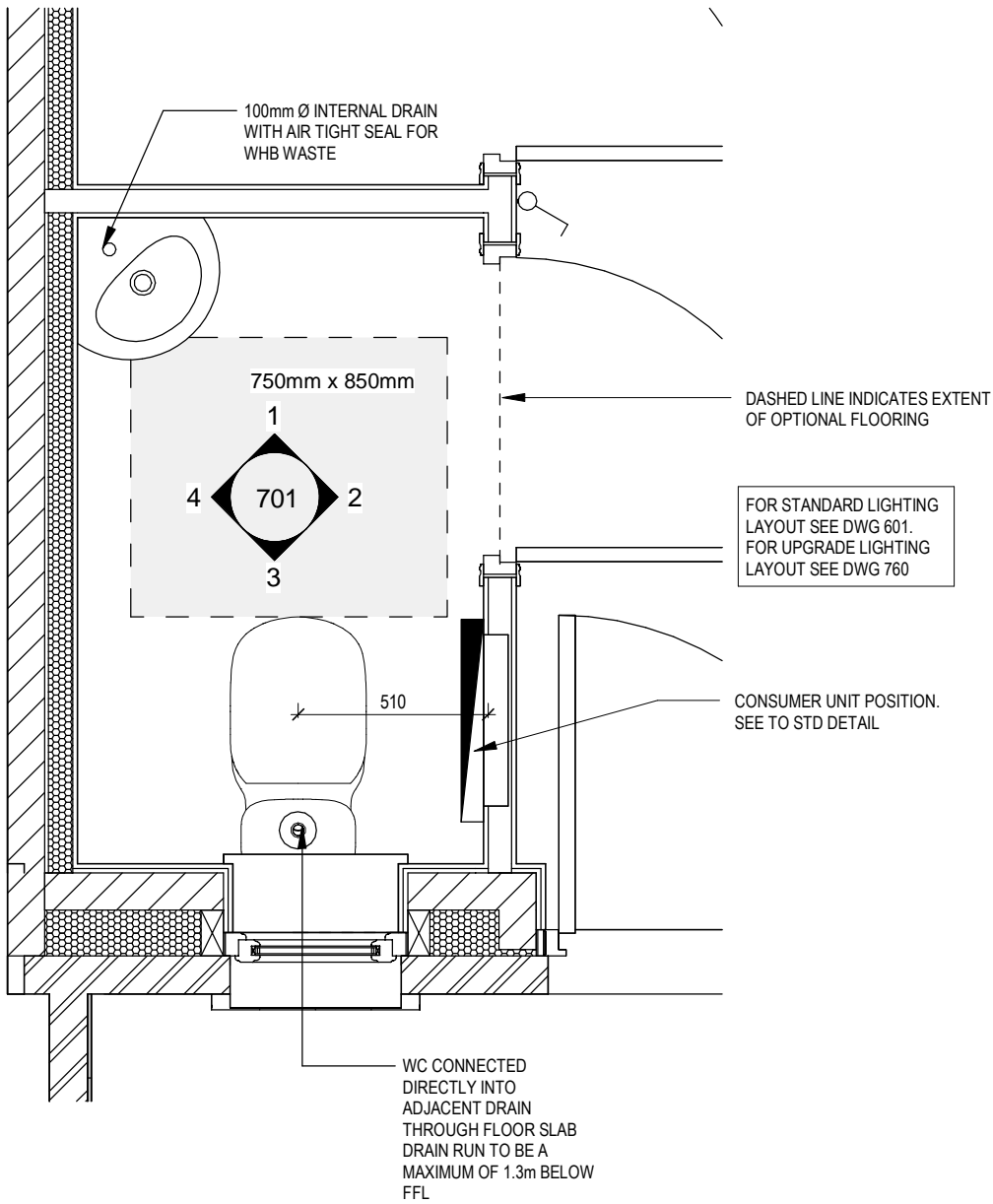
OPTIONAL ELECTRIC UNDER FLOOR HEATING WITH CONTROLLER AND STAT
-  SINGLE SWITCH
-  DOUBLE SWITCH
-  TRIPLE SWITCH
- NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.
- 

SHAVER SOCKET
- 

OPTIONAL DIGITAL SHOWER SWITCH
- 

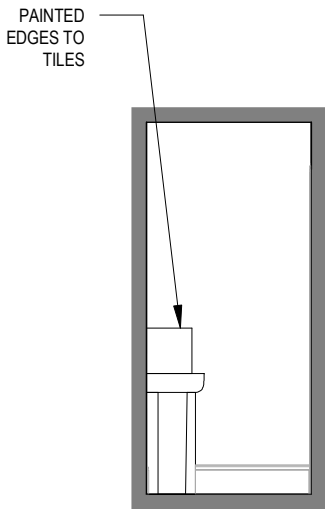
INDIVIDUAL ZONE THERMOSTAT
- 

JUNCTION BOX (IF REQUIRED)

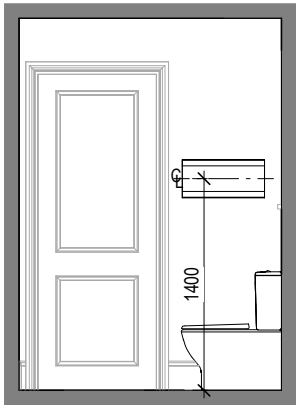


CLOAKS LAYOUT

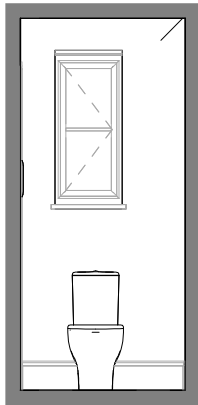
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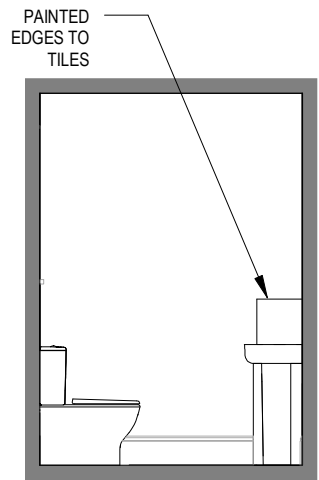
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Scale: 1 : 50




VIEW 2





VIEW 3





VIEW 4


	Chester G SERIES	Cloaks Details			Scale As Indicated Date Feb 2023	DCC 2	Dwg No 701	Dwg Rev


ELECTRICAL LEGEND


-  FUSED OUTLET (IMMERSION)
-  ISOLATOR SWITCH
- UFH





OPTIONAL ELECTRIC UNDER FLOOR HEATING WITH CONTROLLER AND STAT
- 


SINGLE SWITCH
- 

DOUBLE SWITCH
- 

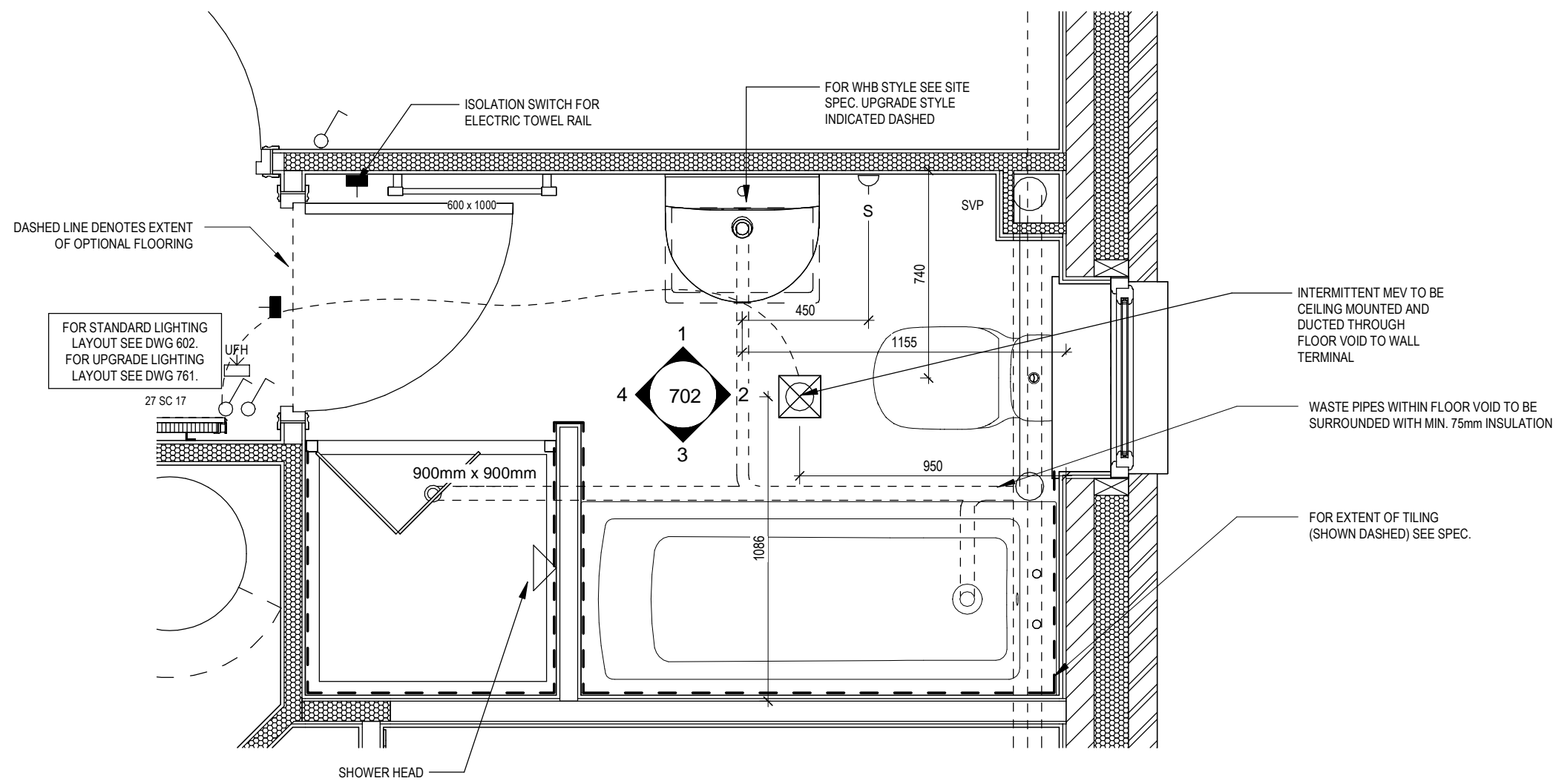
TRIPLE SWITCH
- NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.
- 

SHAVER SOCKET
- 

OPTIONAL DIGITAL SHOWER SWITCH
- 

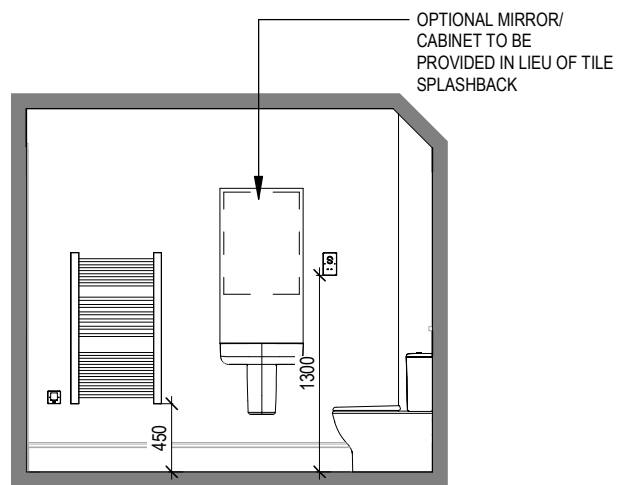
INDIVIDUAL ZONE THERMOSTAT
- 

JUNCTION BOX (IF REQUIRED)



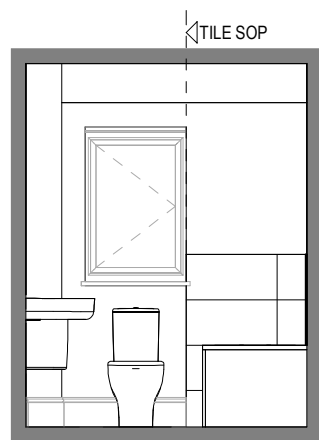
BATHROOM LAYOUT

Scale: 1 : 20

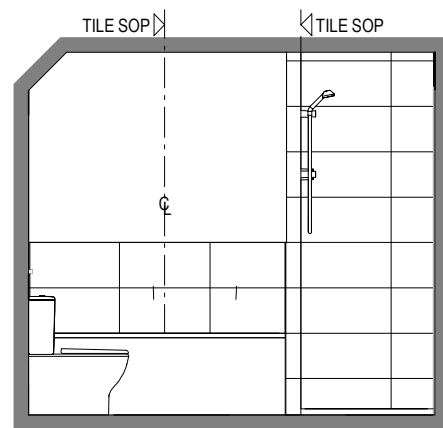


VIEW 1

Scale: 1 : 50



VIEW 2



VIEW 3



VIEW 4

Bathroom Details

Chester  
G SERIES

Scale  
AS  
indicated  
Date  
Feb 2023

DCC  
2

Dwg No  
702

Dwg Rev



ELECTRICAL LEGEND

- ⏏

FUSED OUTLET (IMMERSION)
- ⏏

ISOLATOR SWITCH
- UFH

OPTIONAL ELECTRIC UNDER FLOOR HEATING WITH CONTROLLER AND STAT
- ⏏

SINGLE SWITCH
- ⏏

DOUBLE SWITCH
- ⏏

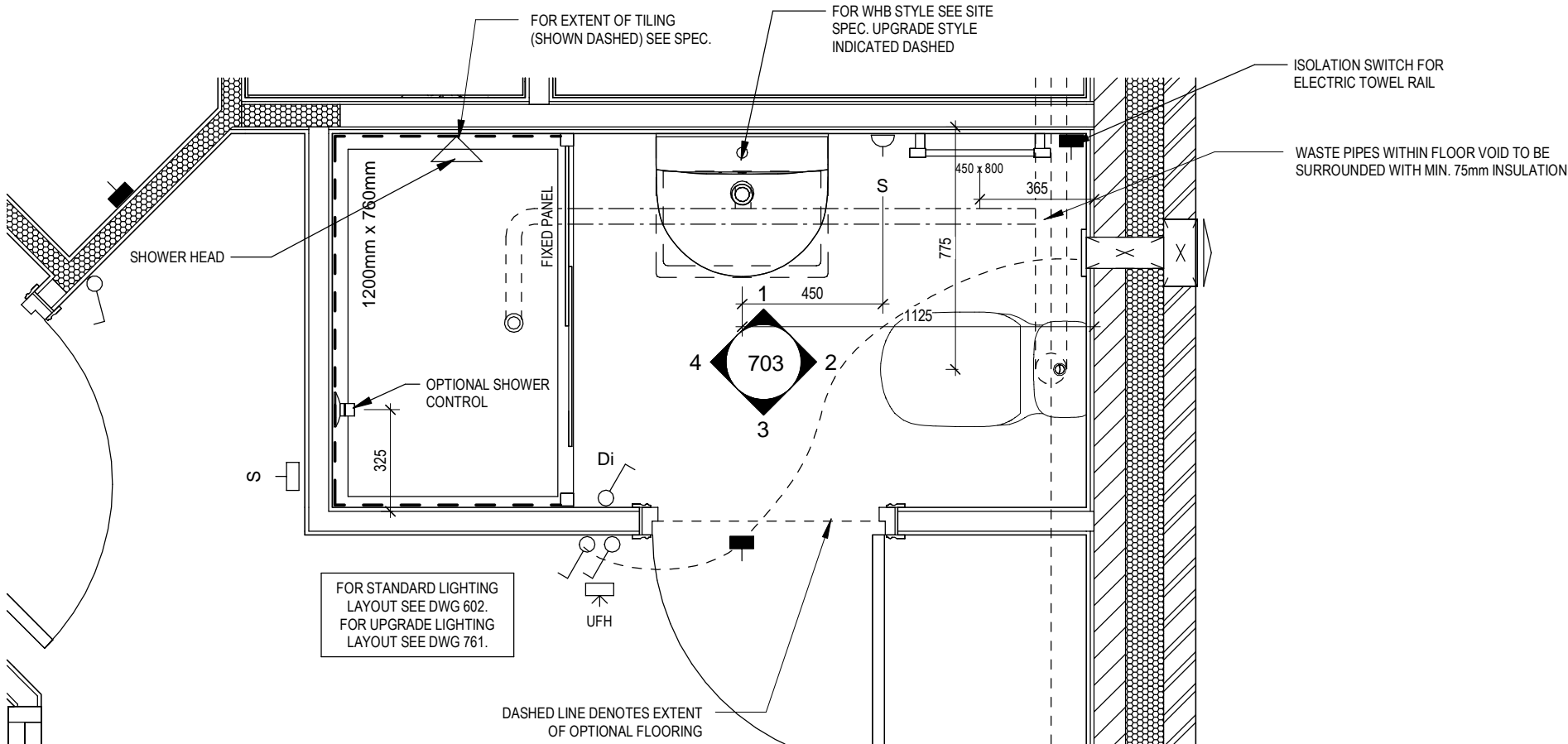
TRIPLE SWITCH
- NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.
- ⏏

SHAVER SOCKET
- Di

OPTIONAL DIGITAL SHOWER SWITCH
- IZT

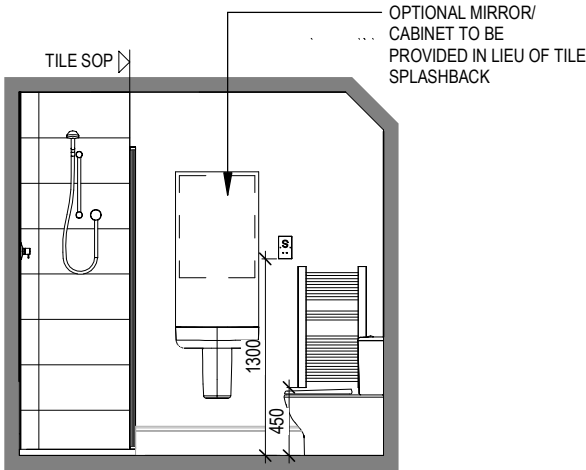
INDIVIDUAL ZONE THERMOSTAT
- J

JUNCTION BOX (IF REQUIRED)



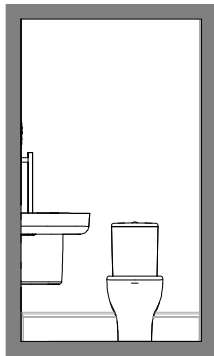
ENSUITE LAYOUT

Scale: 1 : 20

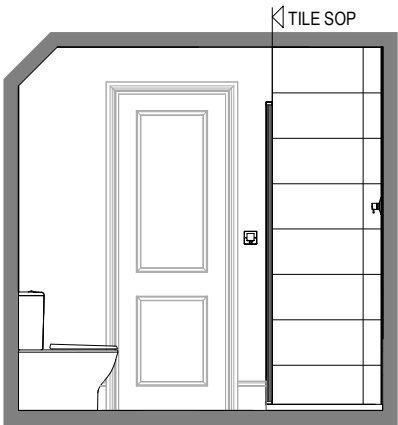


VIEW 1

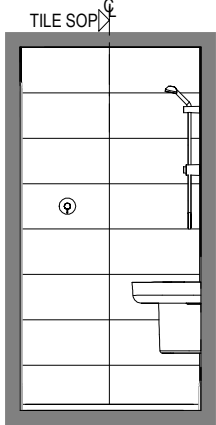
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VIEW 2



VIEW 3



VIEW 4

Ensuite Details







Chester  
G SERIES

Scale DCC Dwg No  
AS 2 703  
Date Feb 2023 Dwg Rev







ELECTRICAL LEGEND

-  PELMET LIGHT FITTING
-  FUSED OUTLET (IMMERSION)
-  ISOLATOR SWITCH
-  SINGLE SWITCH
-  DOUBLE SWITCH
-  TRIPLE SWITCH

NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.

-  BANK OF SWITCHES TO ISOLATE HOB, EXTRACTOR HOOD, WASHING MACHINE, DISHWASHER, TUMBLE DRYER, FRIDGE/FREEZER, MICROWAVE OVEN, OPTIONAL WATER HEATER WITH NEON INDICATOR, ALL IN ACCORDANCE WITH THE APPLIANCE/SPACE PROVIDED ON LAYOUT.

-  UNSWITCHED SOCKET / FUSED SPUR, TO BE CEILING MOUNTED, SEE STANDARD DETAILS


-  SINGLE UNSWITCHED SOCKET (HIGH LEVEL)


-  SINGLE UNSWITCHED SOCKET (LOW LEVEL)

-  SINGLE UNSWITCHED FUSED SPUR (LOW LEVEL)

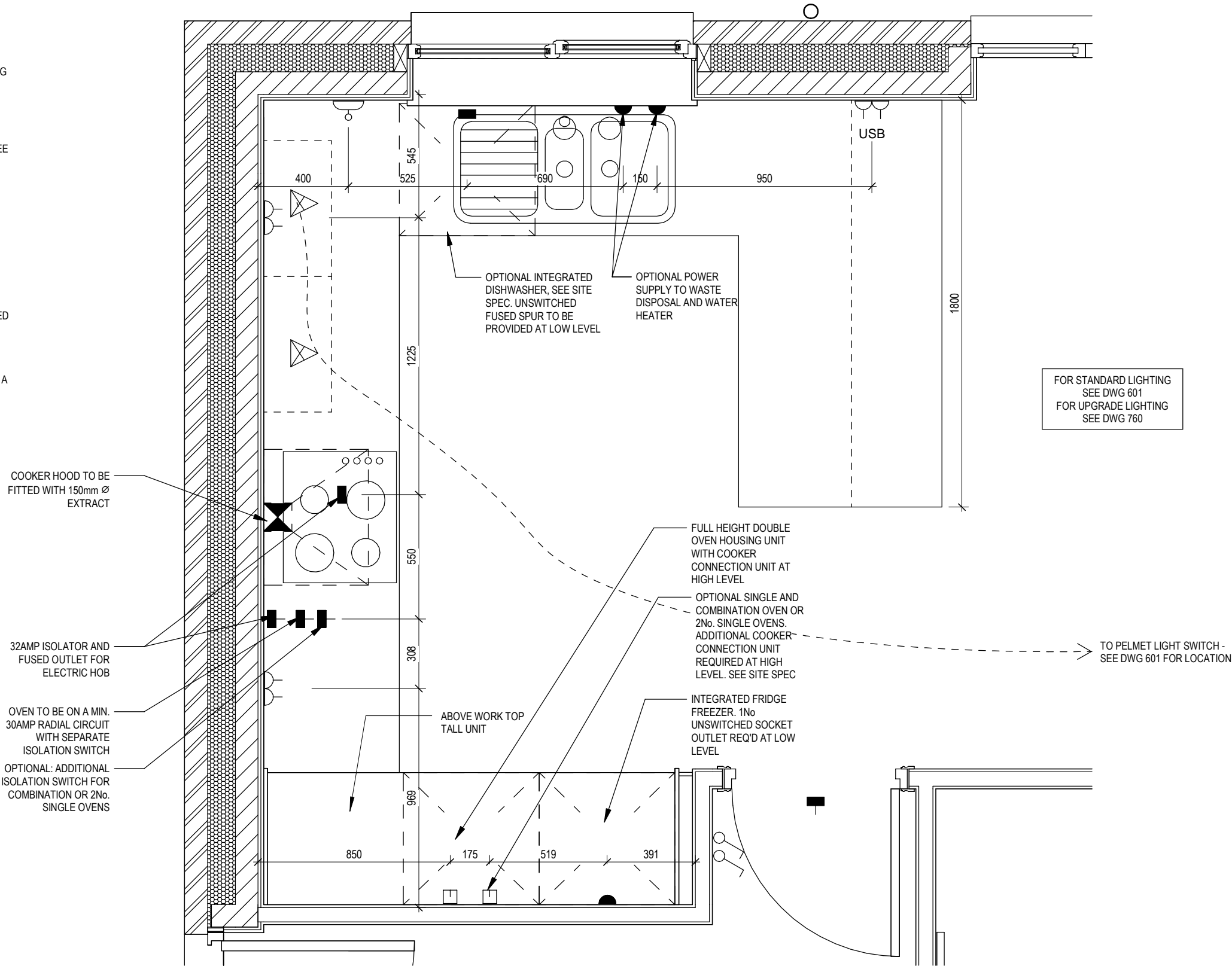
-  DOUBLE S/W SOCKET OUTLET (HIGH LEVEL)


-  DOUBLE S/W SOCKET OUTLET (LOW LEVEL)

-  HEAT DETECTOR TO BS EN 14604: 2005, TO BE PERMANENTLY WIRED TO A SEPARATELY FUSED CIRCUIT AT THE DISTRIBUTION BOARD. WHERE MORE THAN ONE ARE INSTALLED THEY WILL BE INTER-CONNECTED. WIRING SHALL CONFORM TO IEE WIRING REGULATIONS.  
HEAT DETECTOR TO HAVE BATTERY BACKUP AND TO BE LOCATED A MIN. OF 300mm AWAY FROM ANY WALL AND LIGHT FITTING.







-  USB  
DOUBLE S/W SOCKET OUTLET WITH USB (HIGH LEVEL)

-  COOKER CONNECTION UNIT





	<b>Chester</b> G SERIES	<b>Kitchen Layout</b>		Scale As indicated Date Feb 2023	DCC <b>2</b>	Dwg No <b>750</b>
				Dwg Rev		




ELECTRICAL LEGEND



-  PELMET LIGHT FITTING
-  FUSED OUTLET (IMMERSION)
-  ISOLATOR SWITCH
-  SINGLE SWITCH
-  DOUBLE SWITCH
-  TRIPLE SWITCH


NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.


-  BANK OF SWITCHES TO ISOLATE HOB, EXTRACTOR HOOD, WASHING MACHINE, DISHWASHER, TUMBLE DRYER, FRIDGE/FREEZER, MICROWAVE OVEN, OPTIONAL WATER HEATER WITH NEON INDICATOR, ALL IN ACCORDANCE WITH THE APPLIANCE/SPACE PROVIDED ON LAYOUT.

-  UNSWITCHED SOCKET / FUSED SPUR, TO BE CEILING MOUNTED, SEE STANDARD DETAILS

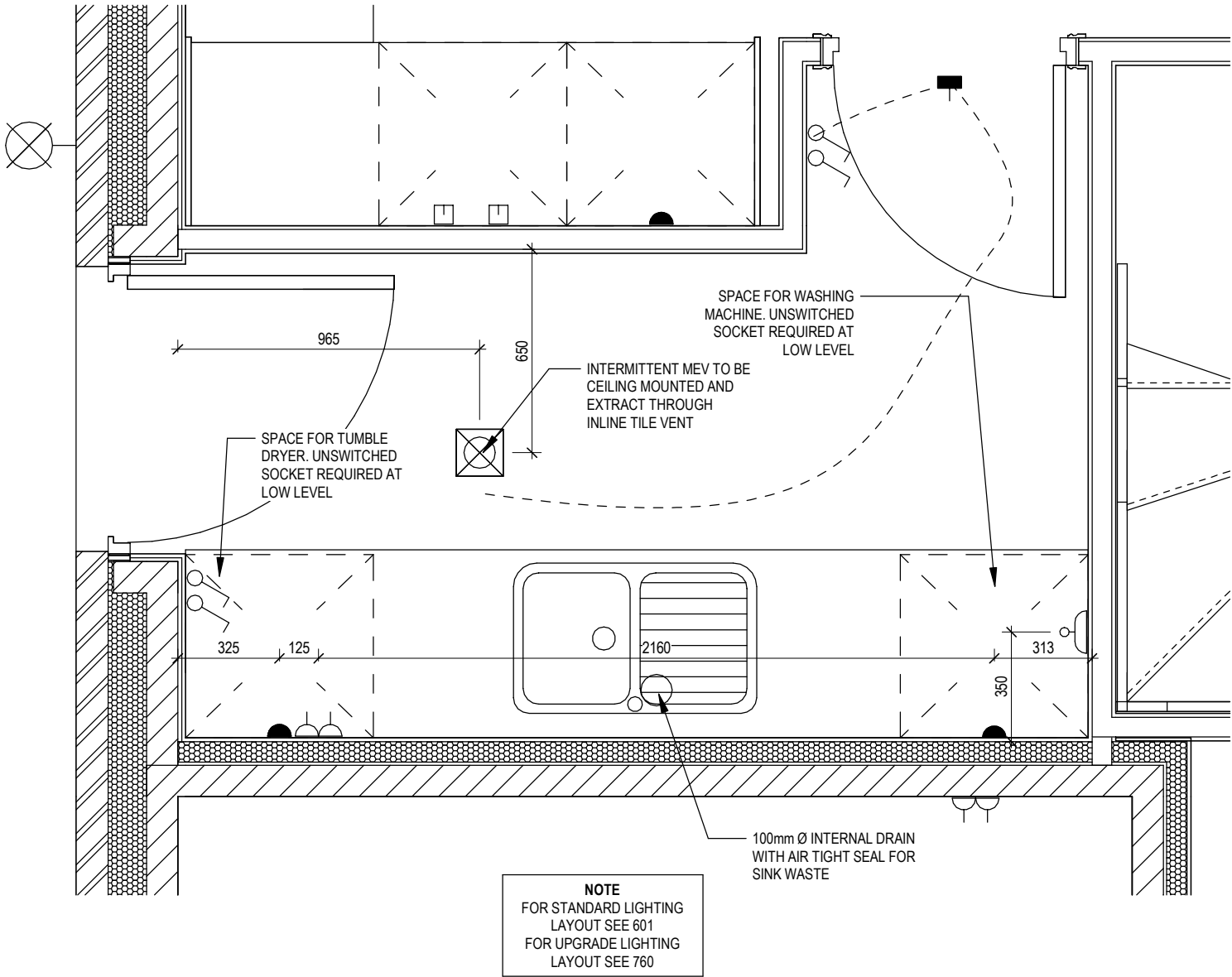
-  SINGLE UNSWITCHED SOCKET (HIGH LEVEL)
-  SINGLE UNSWITCHED SOCKET (LOW LEVEL)
-  SINGLE UNSWITCHED FUSED SPUR (LOW LEVEL)

-  DOUBLE S/W SOCKET OUTLET (HIGH LEVEL)
-  DOUBLE S/W SOCKET OUTLET (LOW LEVEL)

-  HEAT DETECTOR TO BS EN 14604: 2005, TO BE PERMANENTLY WIRED TO A SEPARATELY FUSED CIRCUIT AT THE DISTRIBUTION BOARD. WHERE MORE THAN ONE ARE INSTALLED THEY WILL BE INTER-CONNECTED. WIRING SHALL CONFORM TO IEE WIRING REGULATIONS. HEAT DETECTOR TO HAVE BATTERY BACKUP AND TO BE LOCATED A MIN. OF 300mm AWAY FROM ANY WALL AND LIGHT FITTING.

-  DOUBLE S/W SOCKET OUTLET WITH USB (HIGH LEVEL)

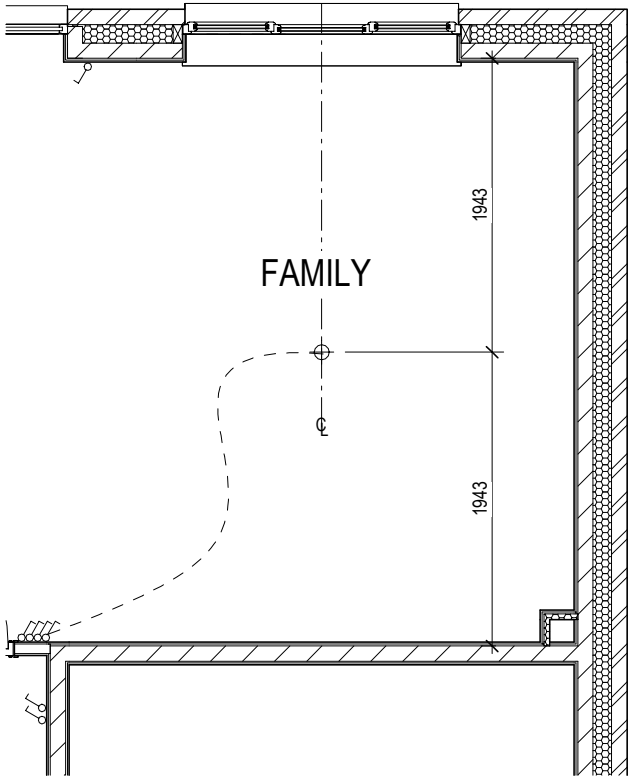
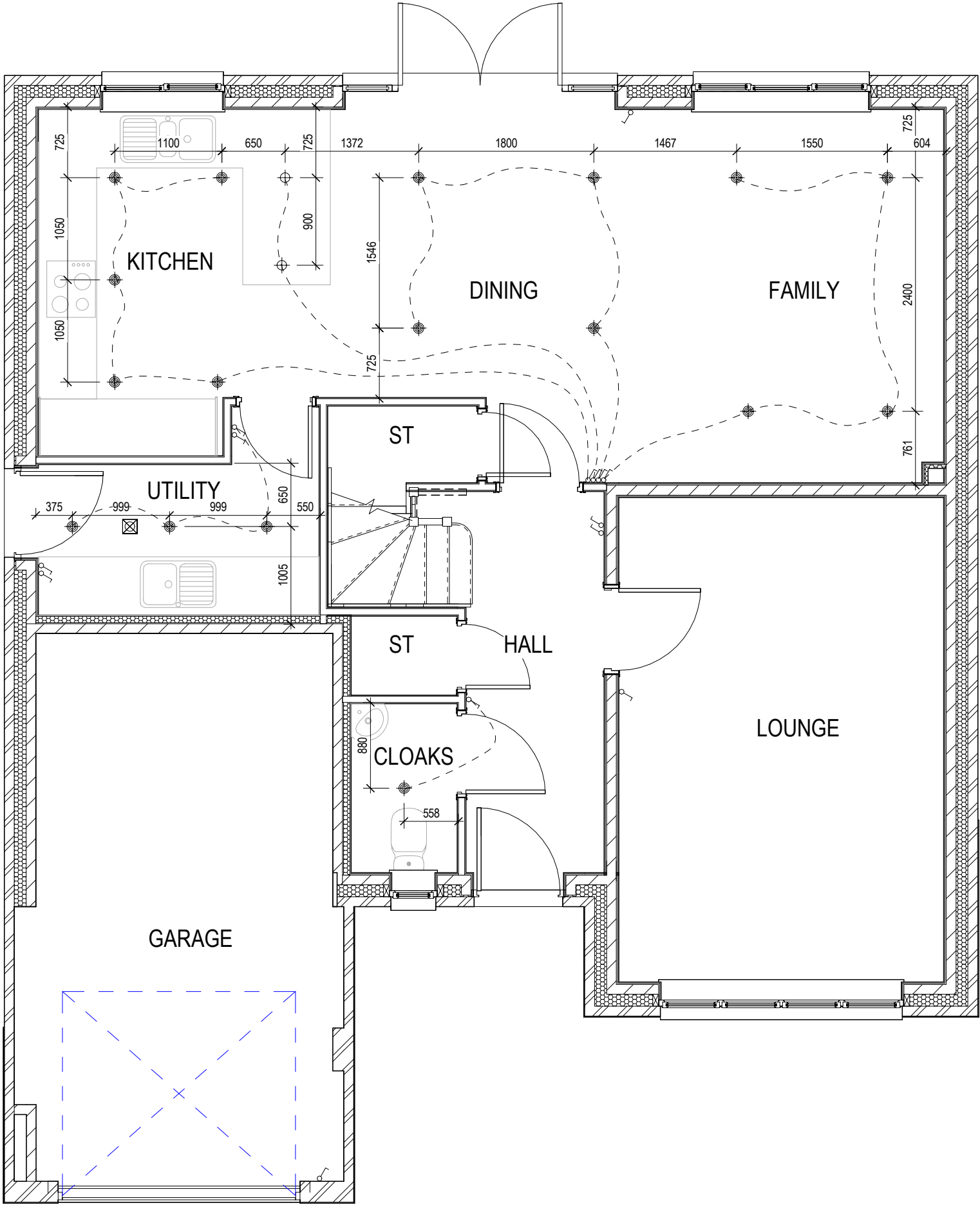
-  COOKER CONNECTION UNIT



ELECTRICAL LEGEND

- OPTIONAL LOW VOLTAGE DOWNLIGHTER FITTING
- OPTIONAL PENDANT TYPE LIGHT FITTING
- INTERMITTENT MEV CEILING MOUNTED
- SINGLE SWITCH
- DOUBLE SWITCH
- TRIPLE SWITCH

NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.



**Chester**  
G SERIES

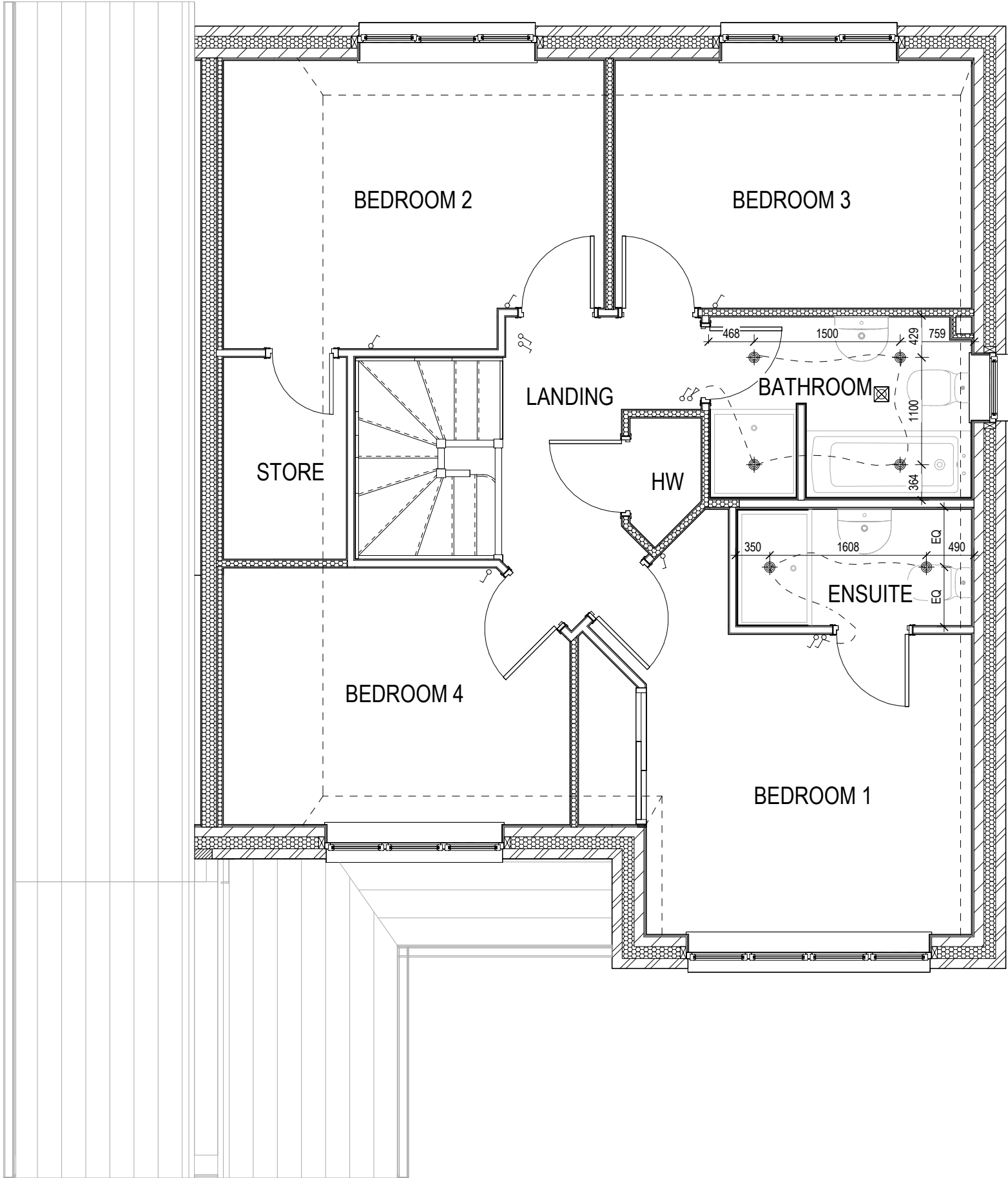
Optional Lighting Layout  
Ground Floor

Scale 1 : 50  
Date Feb 2023  
DCC 2  
Dwg No 760  
Dwg Rev



ELECTRICAL LEGEND

- OPTIONAL LOW VOLTAGE DOWNLIGHTER FITTING
  - OPTIONAL PENDANT TYPE LIGHT FITTING
  - INTERMITTENT MEV CEILING MOUNTED
  - SINGLE SWITCH
  - DOUBLE SWITCH
  - TRIPLE SWITCH
- NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.



**Chester**  
G SERIES

Optional Lighting Layout  
First Floor

Scale	DCC	Dwg No
1 : 50	2	761
Date		Dwg Rev
Feb 2023		

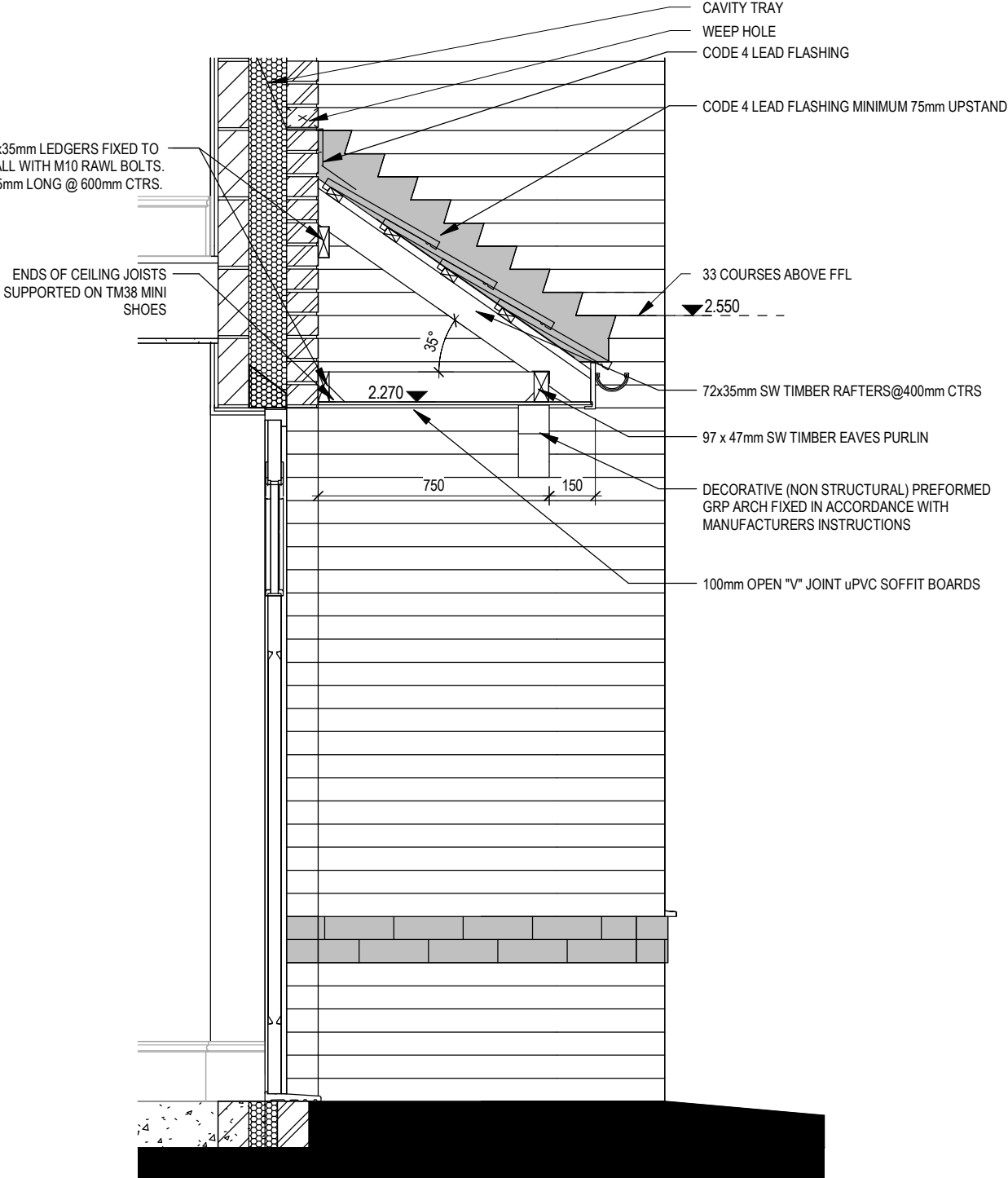
This drawing must be read in conjunction with relevant Redrow specifications, standard details & structural calculations. All dimension are taken from face of Brick/Block & Studwork. This drawing is subject to copyright law. Do Not Scale Off This Drawing.



CANOPY ELEVATION


Scale: 1 : 20

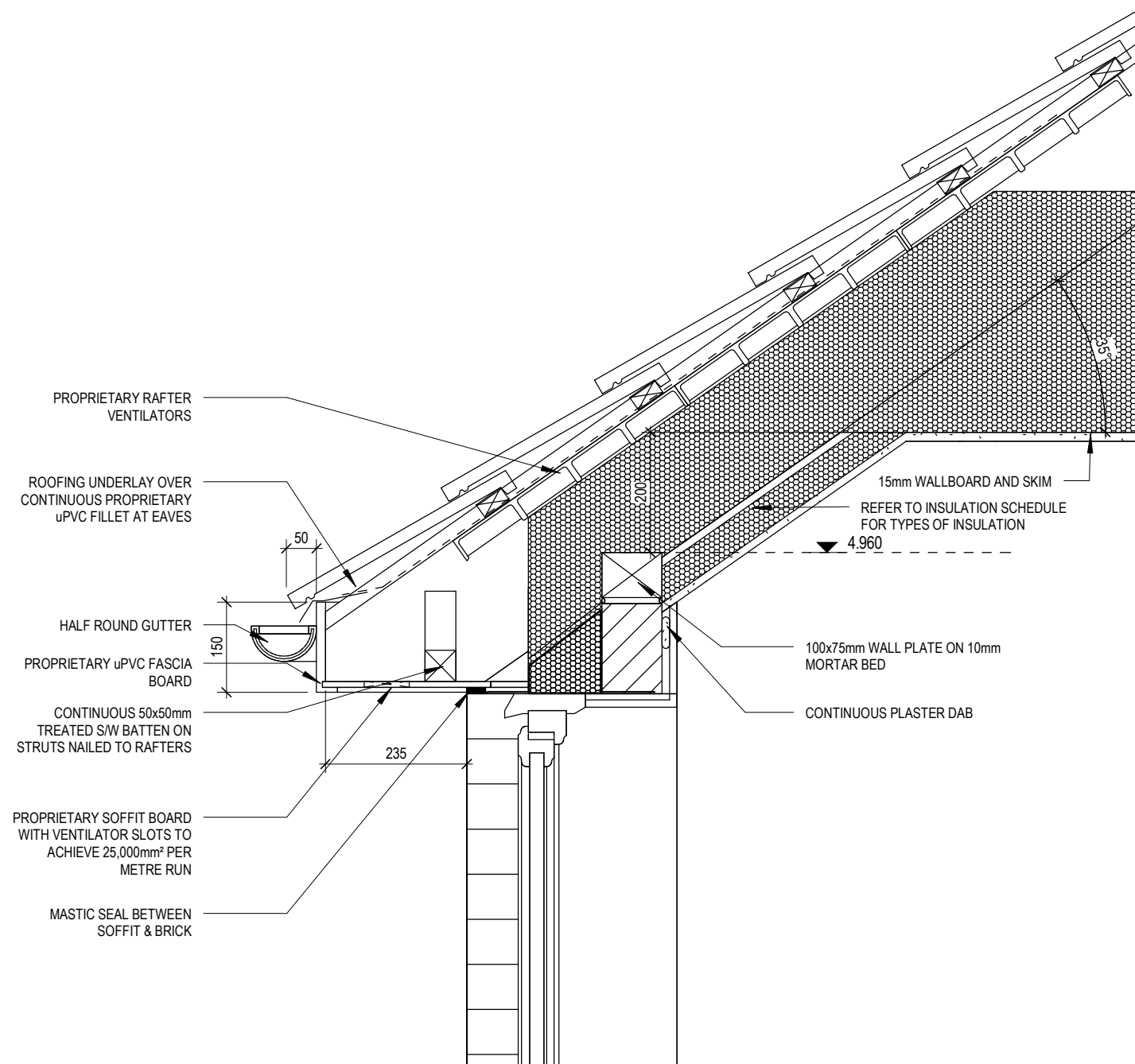
DECORATIVE (NON STRUCTURAL)  
PREFORMED GRP ARCH FIXED IN  
ACCORDANCE WITH  
MANUFACTURERS INSTRUCTIONS



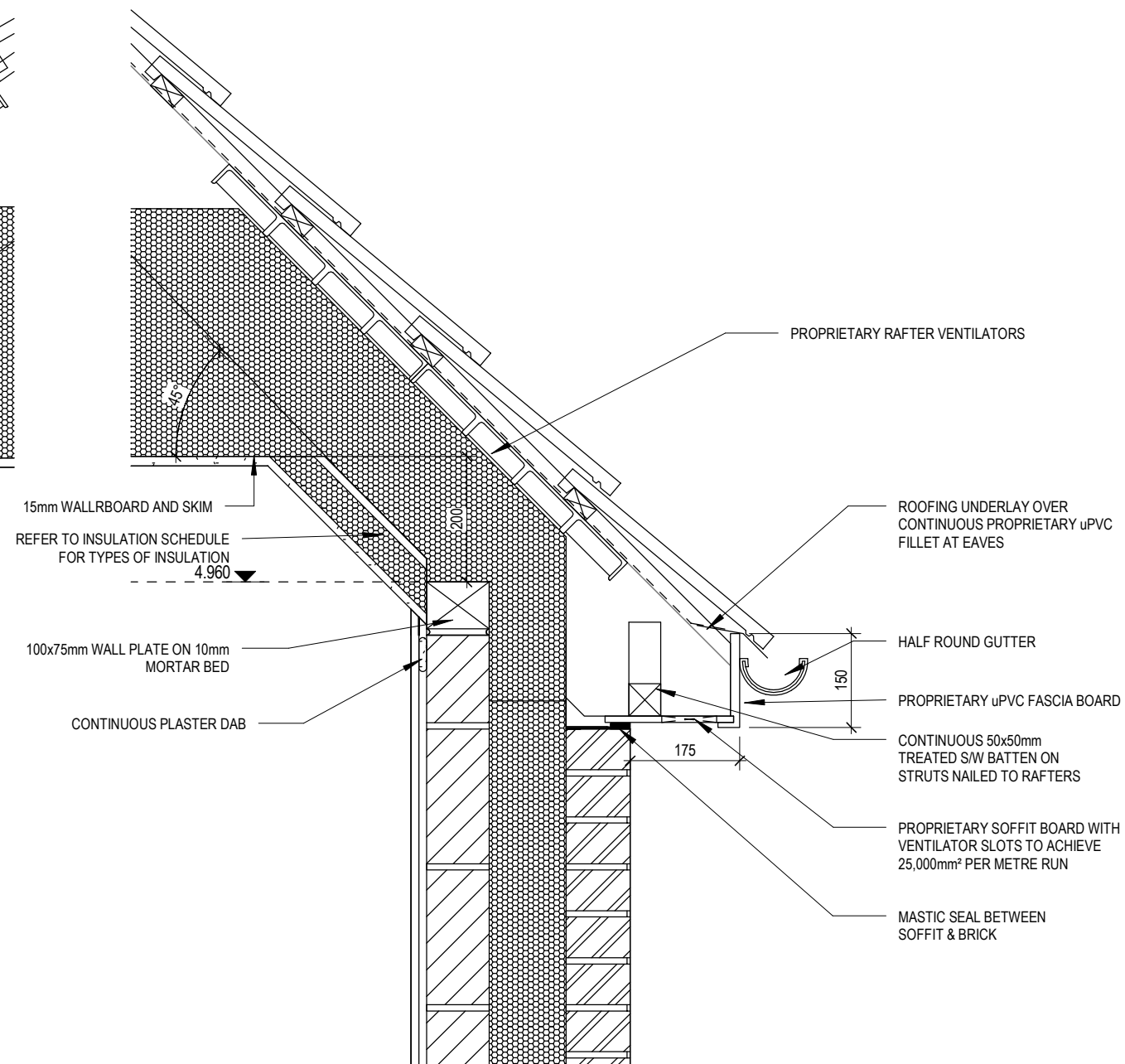
CANOPY SECTION

Scale: 1 : 20

	<b>Chester</b> G SERIES	<b>Canopy Details</b>				DCC <b>2</b> Scale 1 : 20 Date Feb 2023	Dwg No <b>801</b> Dwg Rev <b>A</b>	02/10/23
		A   Stepped cavity trays omitted from canopy section						

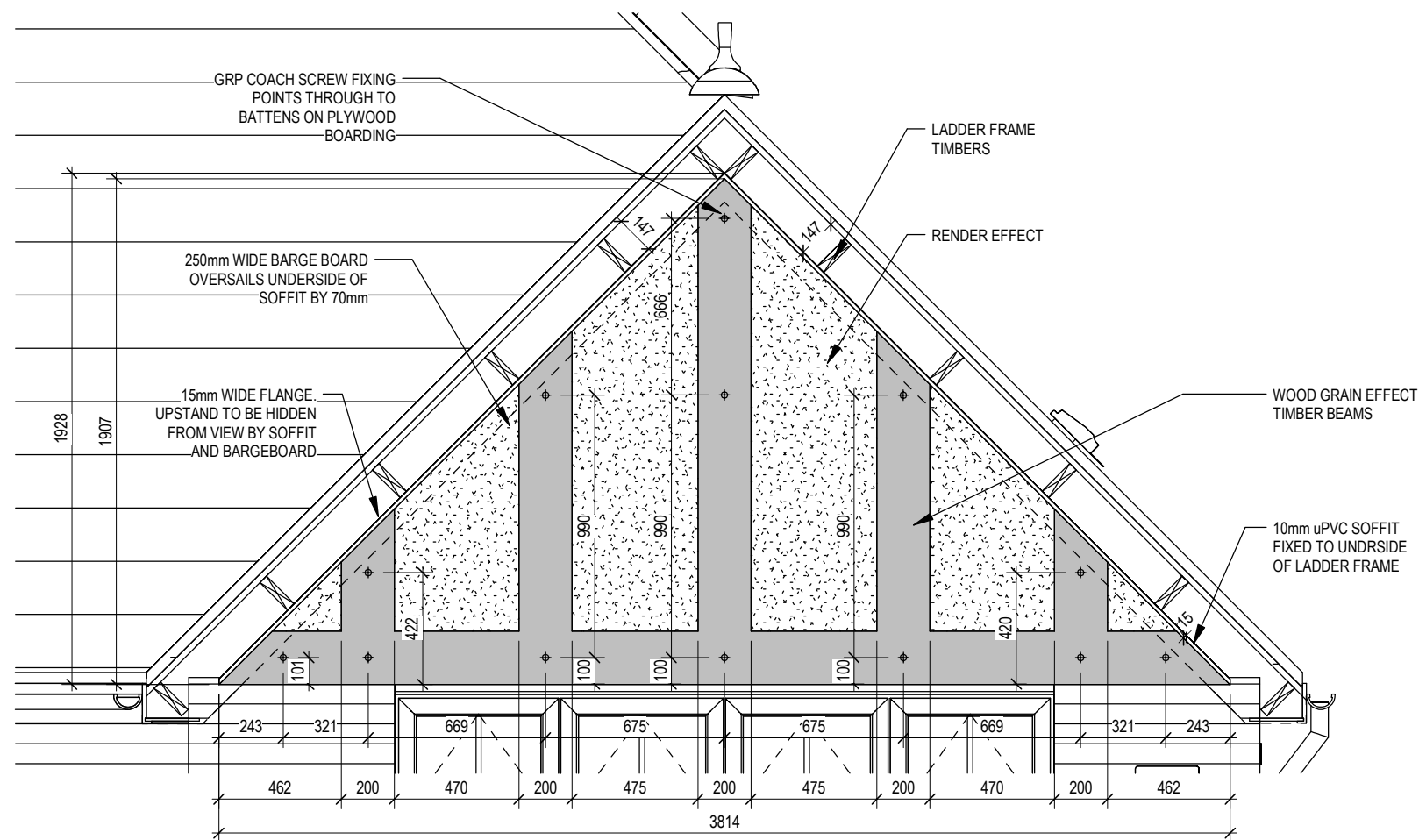


35° PITCHED EAVES



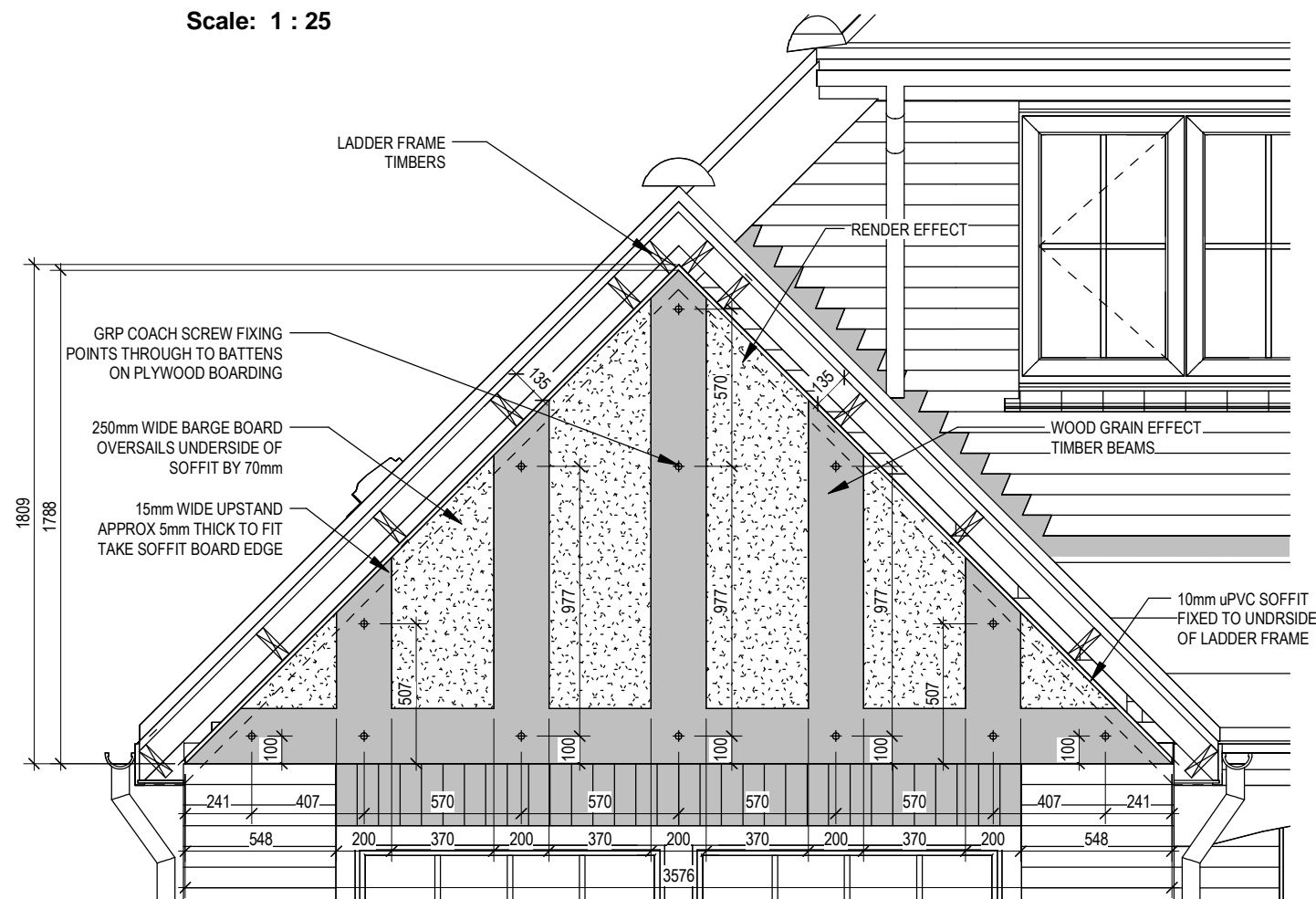
45° PITCHED EAVES





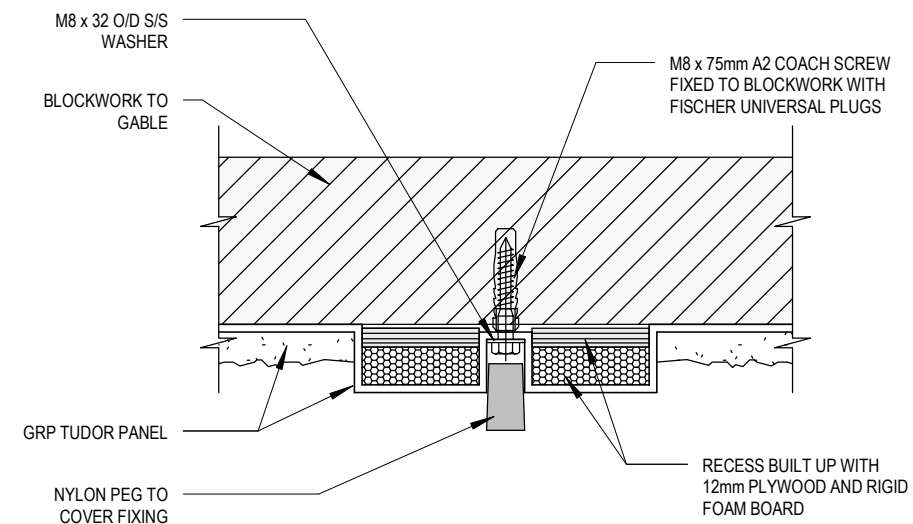
## HOUSE GABLE

Scale: 1 : 25



## GARAGE GABLE

Scale: 1 : 25



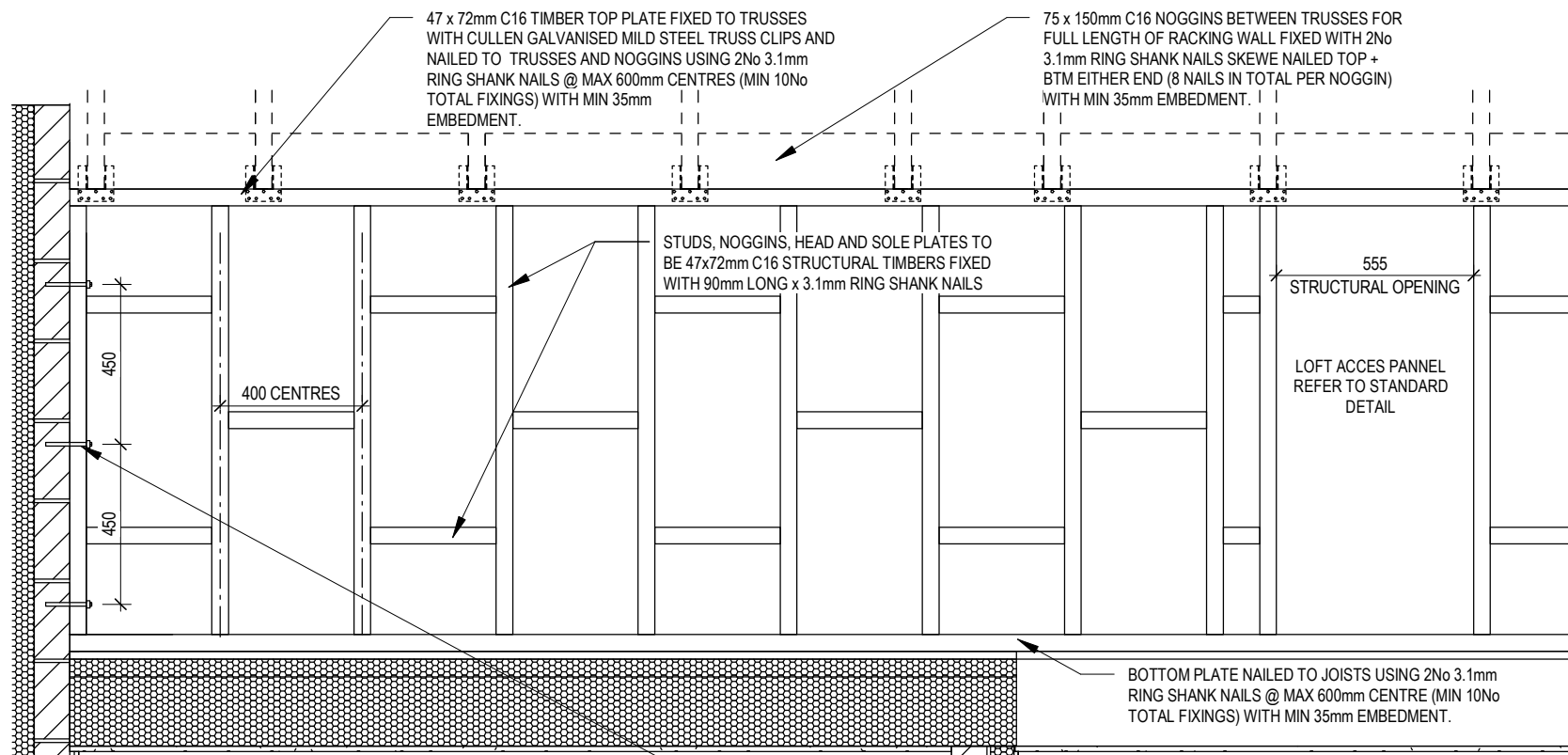
## GRP PANEL FIXING

Scale: 1 : 5

**IMPORTANT NOTE :**  
ALL GRP GABLE PANEL INFORMATION / DESIGN BASED ON DRAWINGS PROVIDED BY EXELLOT REFER TO ASITE FOR GRP GABLE PANEL DOCUMENTS.

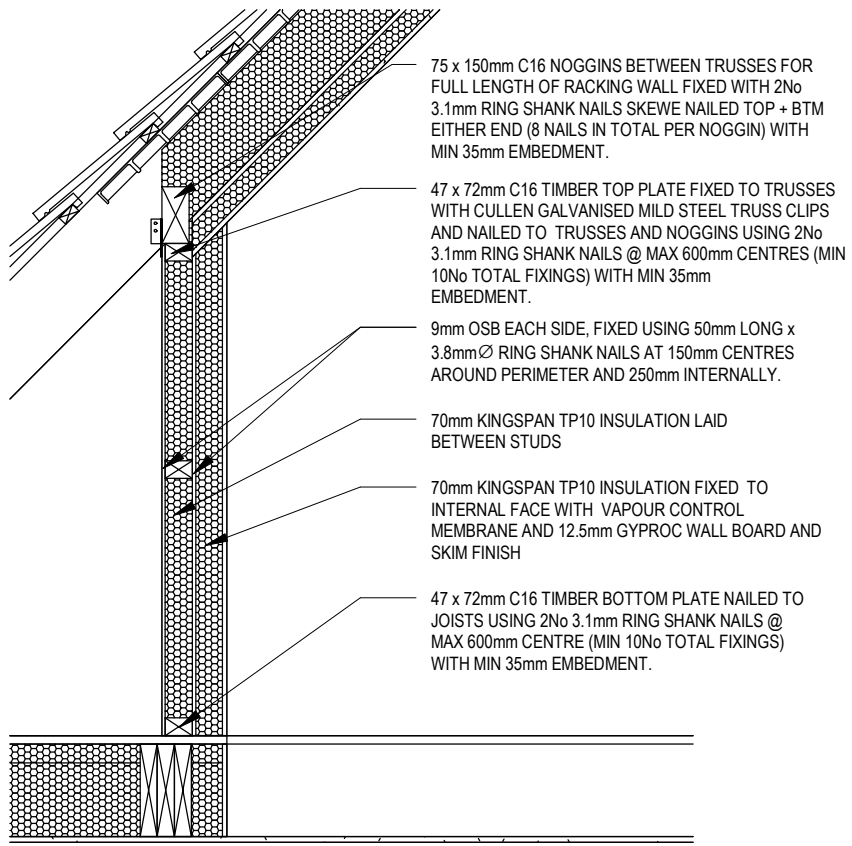
PLEASE REFER TO MANUFACTURERS CONSTRUCTION DRAWINGS FOR ALL INFORMATION REGARDING THE GRP PANELS AND FIXING.

**IF THE MANUFACTURERS DRAWINGS DIFFER IN ANYWAY PLEASE CONTACT GROUP TECHNICAL**



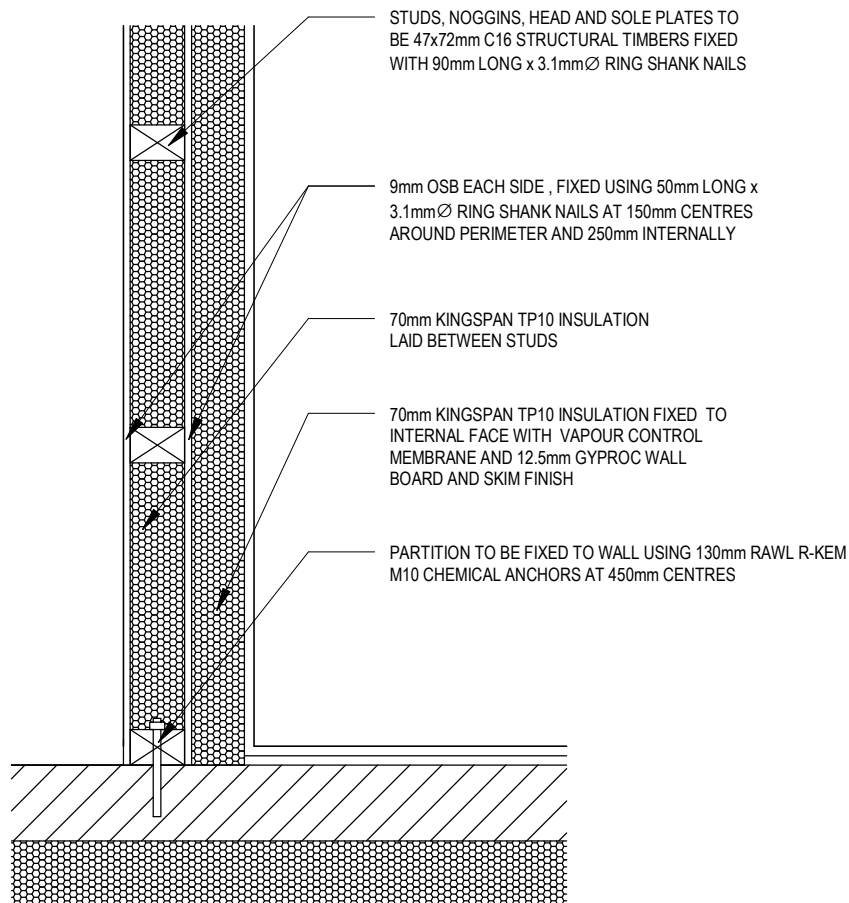
**RACKING WALL SECTION ELEVATION**

Scale: 1 : 20




**RACKING WALL SECTION**

Scale: 1 : 20



**RACKING WALL PLAN**

Scale: 1 : 10

	<b>Chester</b> G SERIES	<b>Racking Wall Details</b>			Scale As indicated Date Feb 2023	DCC <b>2</b>	Dwg No <b>804</b>
					Dwg Rev		

This drawing must be read in conjunction with relevant Redrow specifications, standard details & structural calculations. All dimension are taken from face of Brick/Block & Studwork. This drawing is subject to copyright law. Do Not Scale Off This Drawing.