

**Harrogate**  
**Special M4(2)**  
 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	1835	1640	1845		-	Yes
W02	1835	1640	1845	Handle 1200mm above FFL max.	-	Yes
W03	710	1040	720	Obscure	-	Yes
W04	710	1040	720		-	Yes
W05	1835	1190	1845		-	Yes
W06	1273	1190	1283		-	Yes

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 - External							
Ref	Frame Width	Minimum Clear Door Internal Access Width	Int Block Opening	Height	Model	P1A - Glazing	PAS 24 - Locking
D01	1835	850	1845	2250	HED?? - M4(2)	Yes	Yes
D02	2813	850	2823	2250	HRD17	Yes	Yes
D03	1005	850	1045	2250	HRD01 - M4(2)	Yes	Yes

Door Schedule - Internal					
Ref	Width	Height	Minimum Clear Door Internal Access Width	Fire Rating	Code
D04	900	2150	775		HID2
D05	900	2150	775		HID2
D06	825	2150			HID3
D07	900	2150	775		HID2
D08	900	2150	775		HID2

NOTE: ALL WINDOWS TO BE FITTED WITH OVER-FRAME TRICKLE VENTILATORS. FOR MINIMUM TRICKLE VENTILATION RATES FOR EACH WINDOW WIDTH SEE WINDOW AND DOOR SCHEDULE.

HANDLES - ALL WINDOW HANDLES TO BE FITTED AT A MAXIMUM OF 1400MM ABOVE FFL UNLESS OTHERWISE STATED IN THE COMMENTS COLUMN.

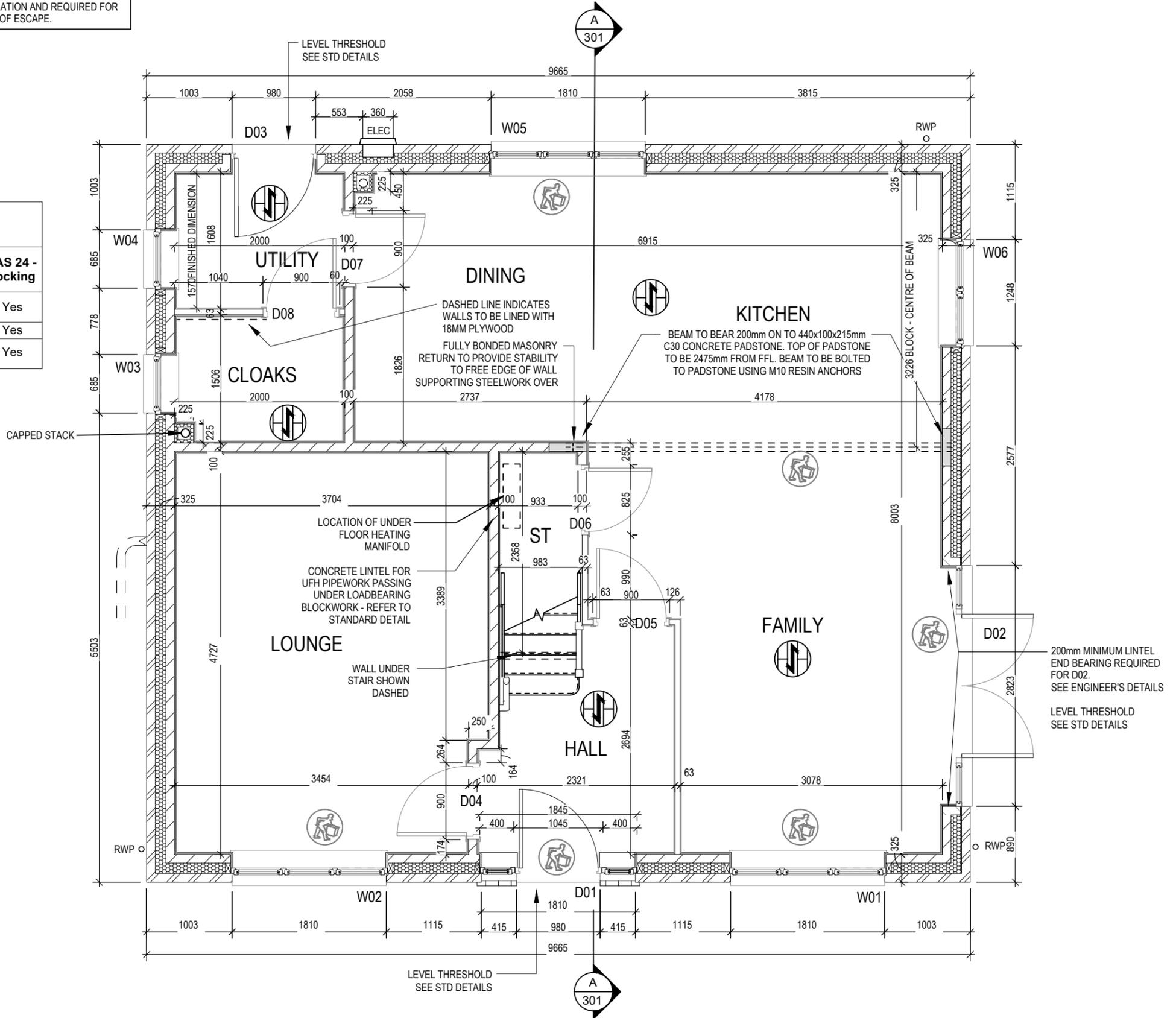
ALL WINDOWS TO BE SAFE CLEAN IN ACCORDANCE WITH B.S. 8213.

WHOLE HOUSE TRICKLE VENTILATION REQUIREMENT STATED ON VENTILATION DRAWING



### WALL LEGEND

WALL TYPE	SIZE (mm)	STRENGTH (N/mm <sup>2</sup> )	DENSITY (Kg/m <sup>3</sup> )	LAMBDA (λ)
BLOCKWORK	100	3.6	600	0.15
40dB STUDWORK	63 (88)	-	-	-



03.10.23	12.08.24
A	Front and utility door block opening increased.
B	Level threshold note added.

DCC	Dwg No	DCC	Dwg No
2	201	2	201
Scale	1:50	Date	Feb 2023
		Dwg Rev	B

**Structural Layout**  
**Ground Floor**

**Harrogate**  
**Special M4(2)**  
G SERIES

This drawing must be read in conjunction with relevant Redrow specifications, standard details & structural calculations. All dimensions 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
W07	1835	1040	1845	Esc	-	-
W08	1160	890	1170		-	-
W09	1835	1040	1845	Esc	-	-
W10	1835	1040	1845	Esc	-	-
W11	1273	1040	1283	Obs	-	-
W12	1835	1040	1845	Esc	-	-

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.

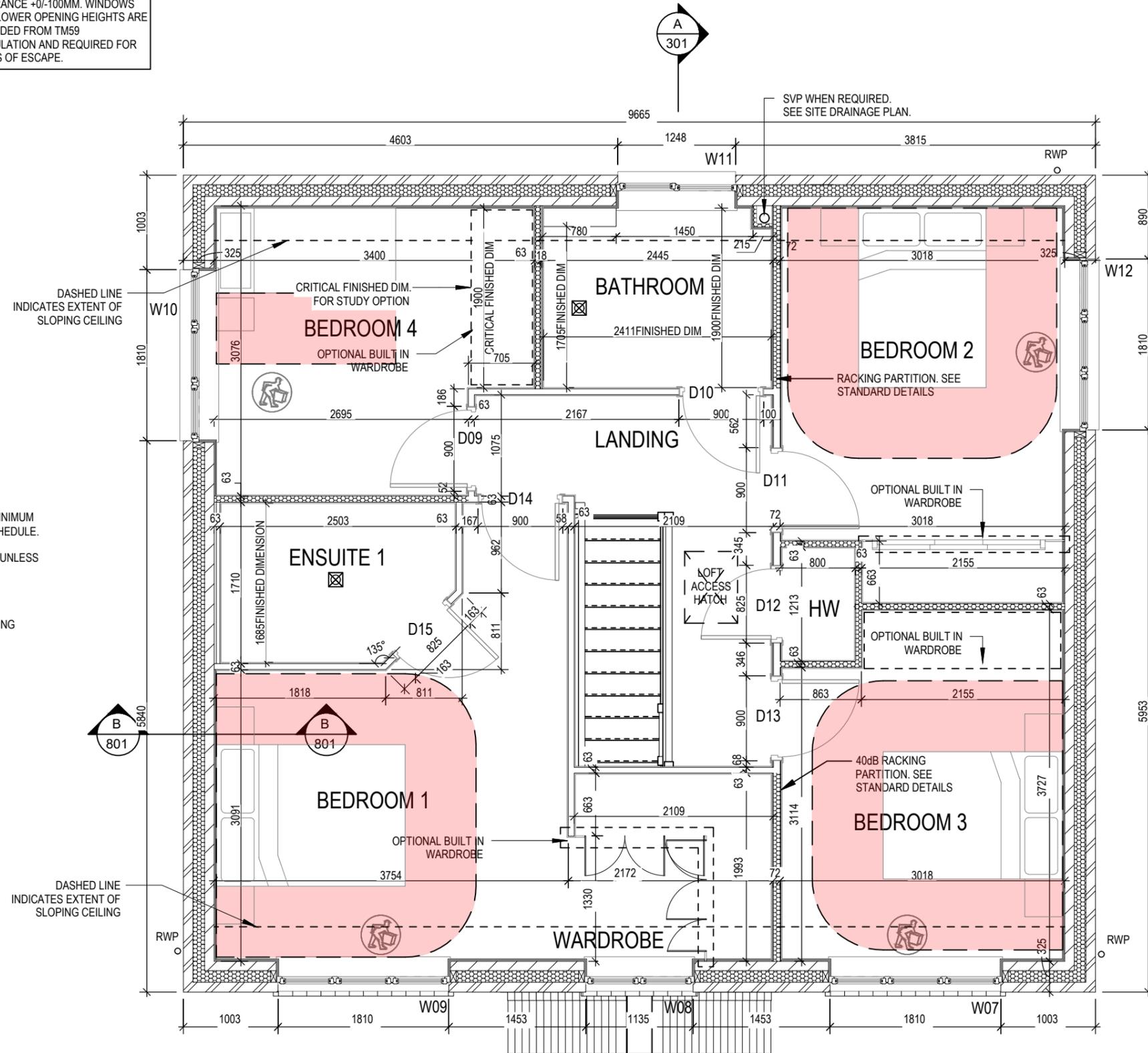
Door Schedule - Internal				
Ref	Width	Height	Fire Rating	Code
D09	900	2150		HID2
D10	900	2150		HID2
D11	900	2150		HID2
D12	825	2150		HID3
D13	900	2150		HID2
D14	900	2150		HID2
D15	825	2150		HID3

NOTE: ALL WINDOWS TO BE FITTED WITH OVER-FRAME TRICKLE VENTILATORS. FOR MINIMUM TRICKLE VENTILATION RATES FOR EACH WINDOW WIDTH SEE WINDOW AND DOOR SCHEDULE.

HANDLES - ALL WINDOW HANDLES TO BE FITTED AT A MAXIMUM OF 1400MM ABOVE FFL UNLESS OTHERWISE STATED IN THE COMMENTS COLUMN.

ALL WINDOWS TO BE SAFE CLEAN IN ACCORDANCE WITH B.S. 8213.

WHOLE HOUSE TRICKLE VENTILATION REQUIREMENT STATED ON VENTILATION DRAWING



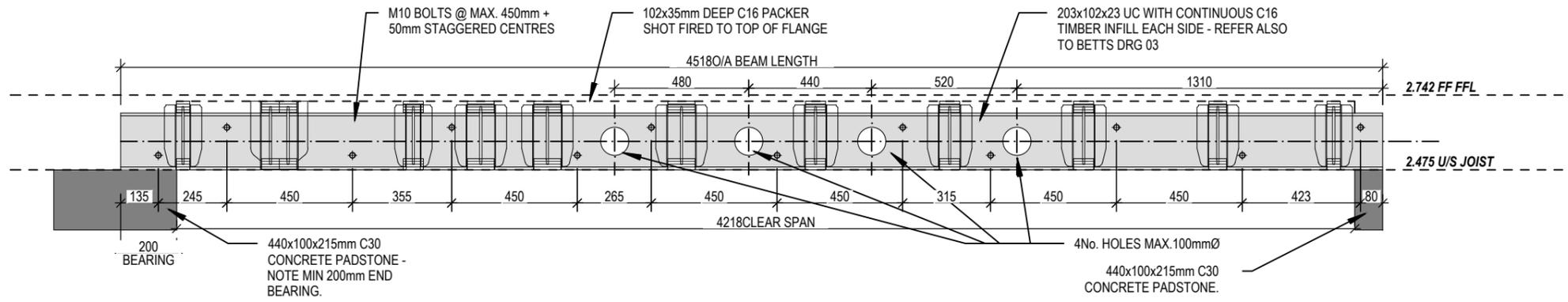
**WALL LEGEND**

WALL TYPE	SIZE (mm)	STRENGTH (N/mm <sup>2</sup> )	DENSITY (Kg/m <sup>3</sup> )	LAMBDA (λ)
BLOCKWORK	100	3.6	600	0.15
40dB STUDWORK	63 (88)	-	-	-

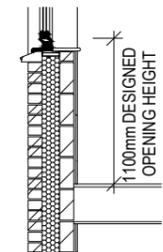
Structural Layout  
First Floor

**Harrogate**  
**Special M4(2)**  
G Series

DCC Scale 1:50  
Dwg No 202  
Date Feb 2023  
Dwg Rev

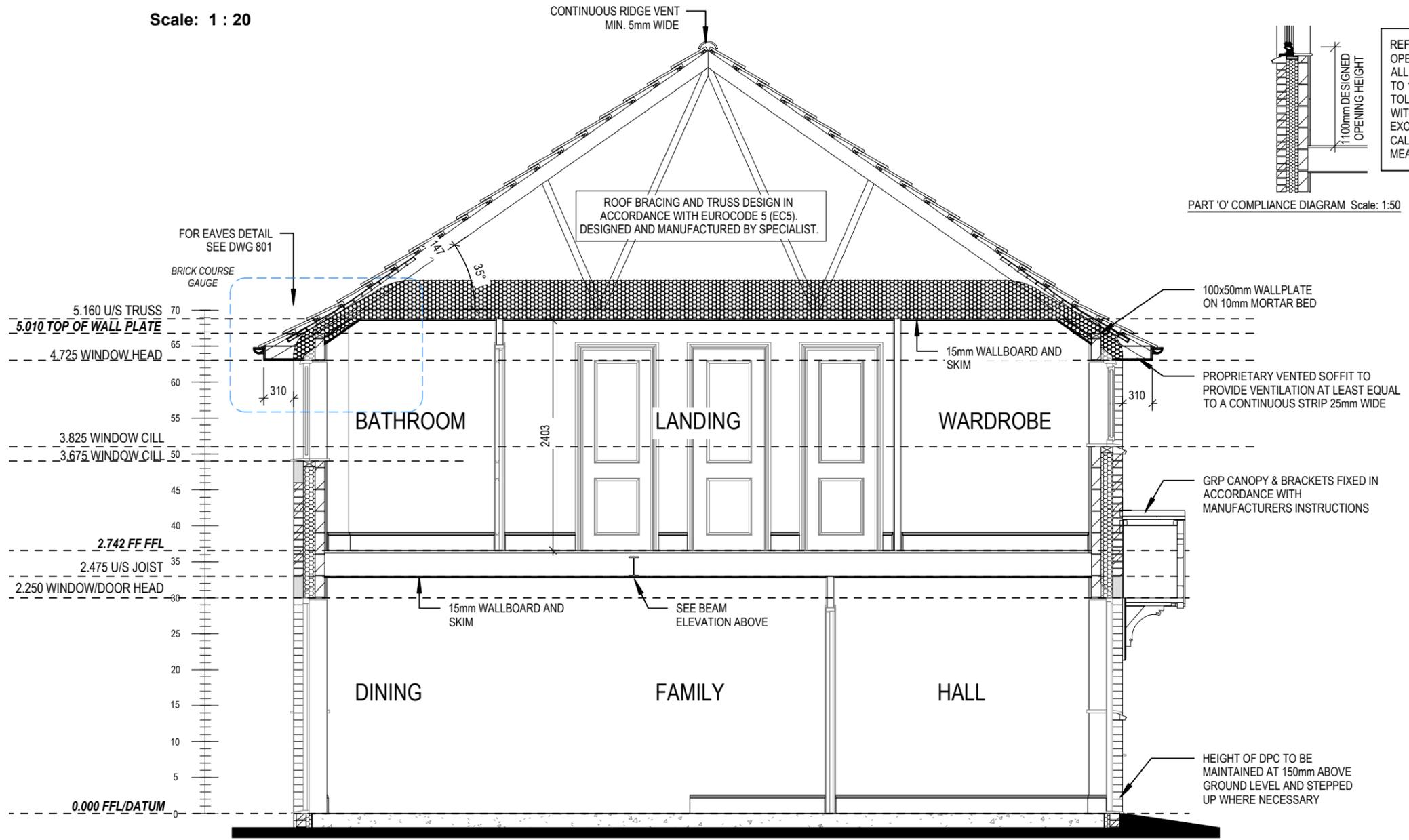


**SECTION B-B**  
Scale: 1 : 20



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

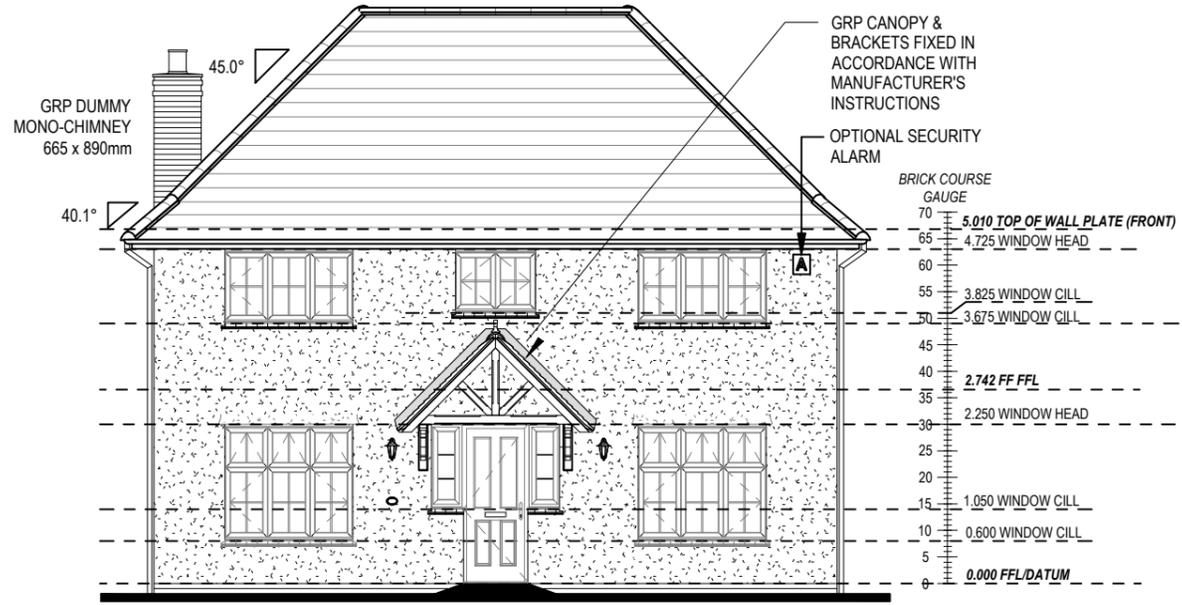


**Section A-A**  
Scale: 1 : 50

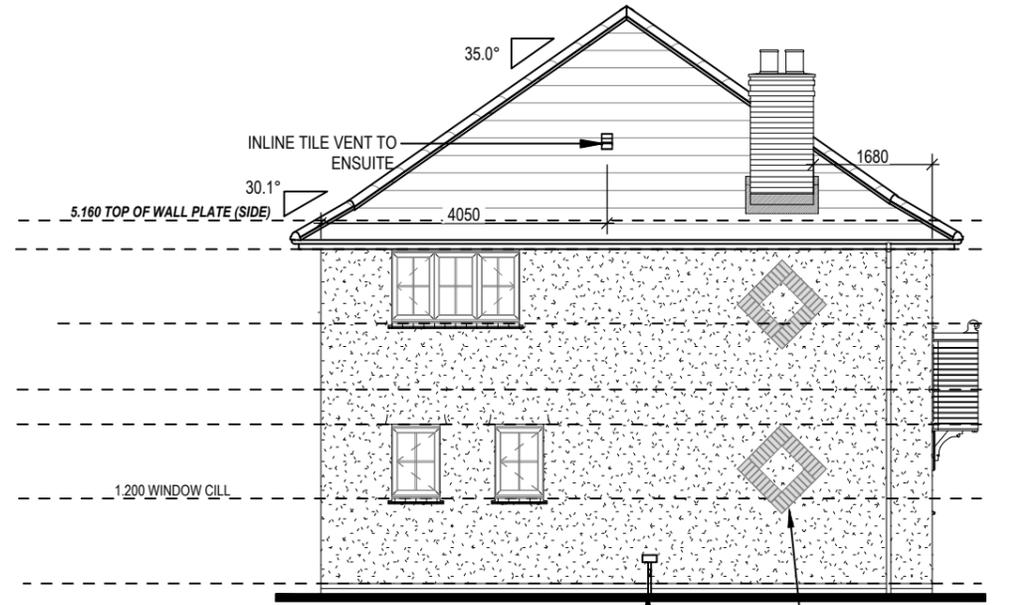
REFER TO SITE SPECIFICATION FOR FLOOR CONSTRUCTION AND FOUNDATION DESIGN. FOUNDATION DEPTH AND DETAIL TO SUIT SITE CONDITIONS AND TO THE SATISFACTION OF LOCAL AUTHORITY AND APPROVED INSPECTOR

<b>Harrogate</b>	Section A-A		03.10.23
	<b>Special M4(2)</b>	G SERIES	Steel beam elevation added.
	DCC	Dwg No	Dwg Rev
Scale	1 : 50	Date	Feb 2023
DCC	2	Date	Feb 2023
DCC	301	Date	Feb 2023
DCC	301	Date	Feb 2023

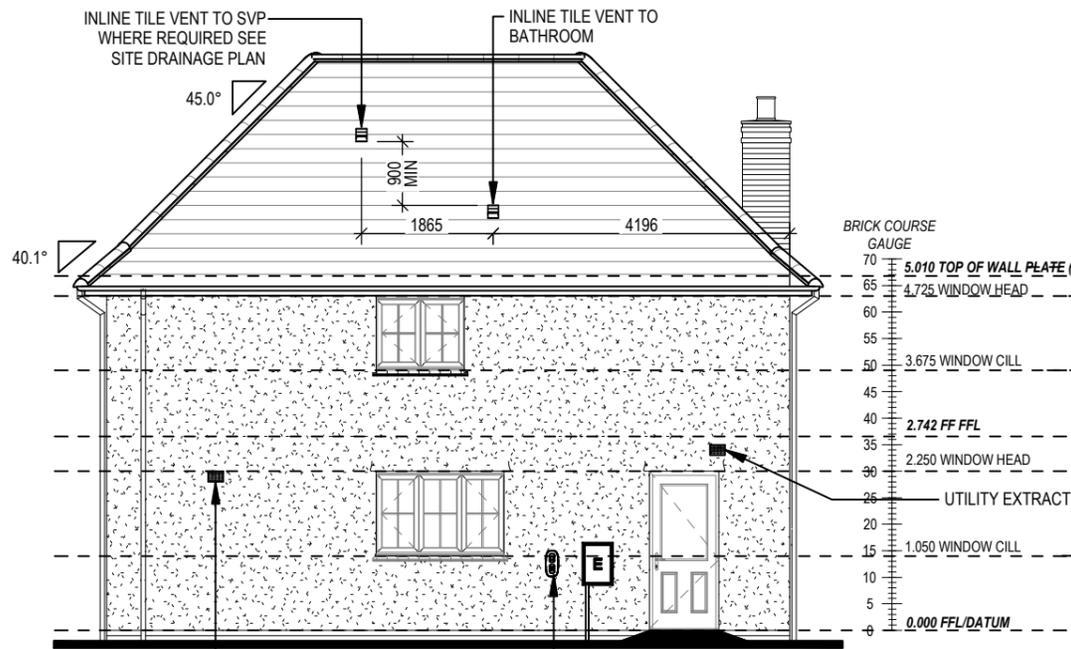
REFER TO TM59 CALCULATION FOR OPENINGS REMOVING EXCESS HEAT. ALL BEDROOM WINDOWS DESIGNED TO 1.1M ABOVE FFL WITH A BUILD TOLERANCE +0/-100MM. WINDOWS WITH LOWER OPENING HEIGHTS ARE EXCLUDED FROM TM59 CALCULATION AND REQUIRED FOR MEANS OF ESCAPE.



**FRONT ELEVATION**



**SIDE ELEVATION**



**REAR ELEVATION**



**SIDE ELEVATION**

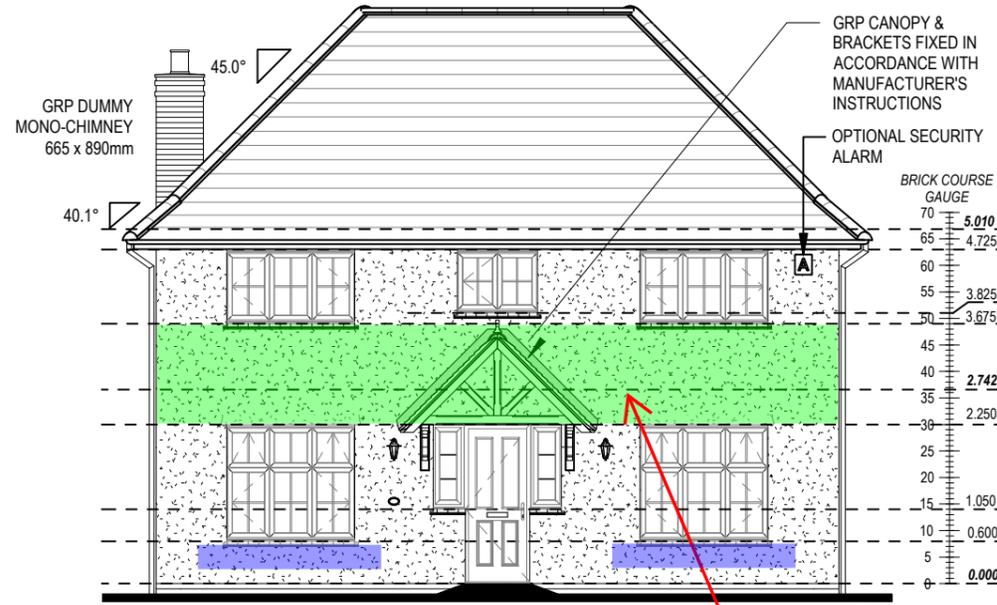
COOKER HOOD EXTRACT  
ELECTRIC VEHICLE CHARGE POINT. SEE SITE SPECIFICATION

OPTIONAL EXTERNAL WALL LIGHT  
OPTIONAL EXTERNAL POWER SUPPLY  
INDICATIVE ASHP LOCATION MAY VARY DIVISIONAL TECHNICAL TO ADVISE  
OPTIONAL BIB TAP

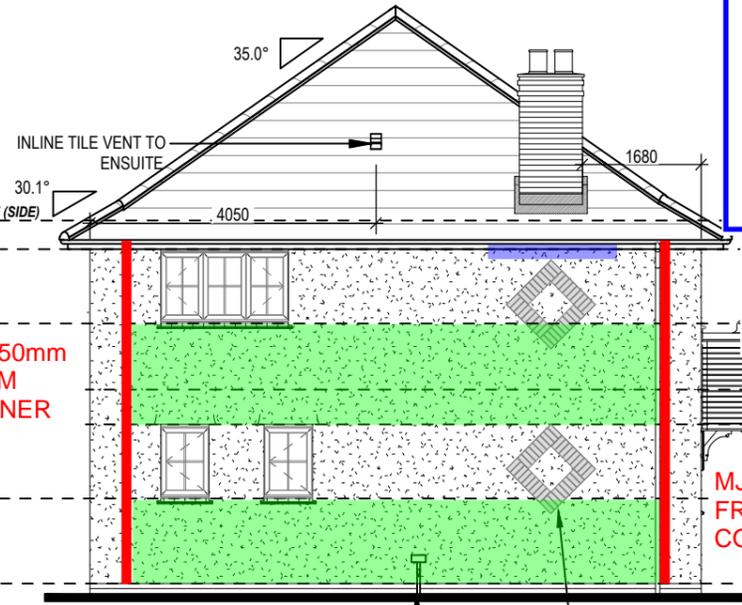
Dwg No  
**402**  
DCC  
**2**  
Scale  
1 : 100  
Date  
Feb 2023

Elevations A1

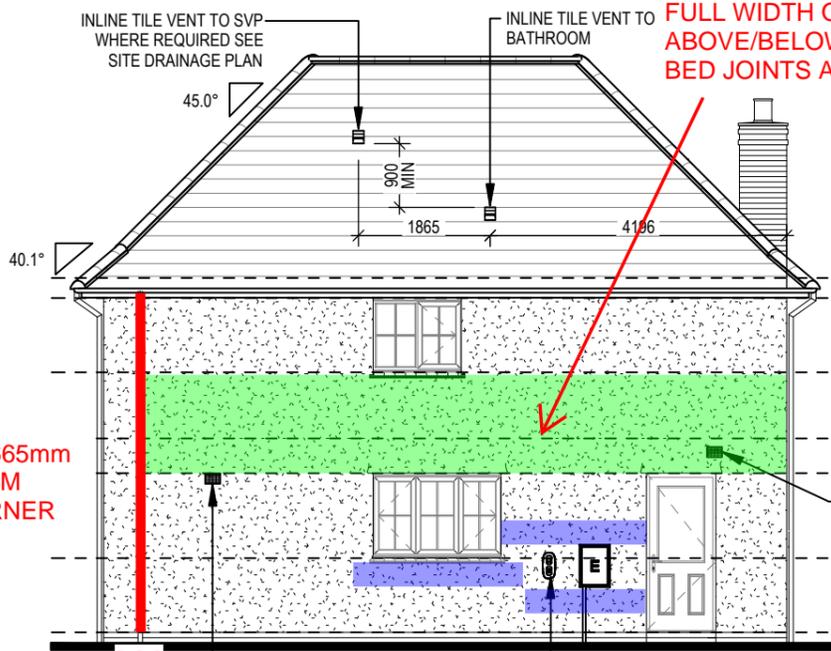
**Harrogate**  
**Special M4(2)**  
G SERIES



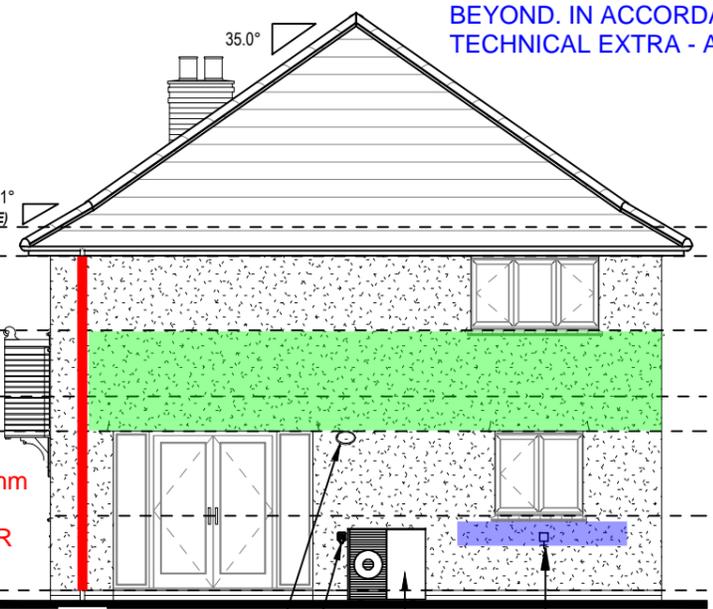
**FRONT ELEVATION**



**SIDE ELEVATION**

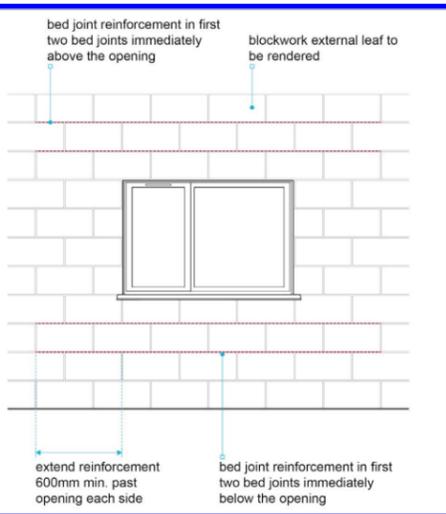


**REAR ELEVATION**



**SIDE ELEVATION**

**SBF35W60 BED JOINT REINFORCEMENT PROVIDED TO FULL WIDTH OF WALL PANEL ABOVE/BELOW OPENINGS IN BED JOINTS AT 225 CTRS, VERT.**



**EXTRACT FROM NHBC TECHNICAL EXTRA ISSUE 22 (BED JOINT REINFORCEMENT FOR RENDERED BLOCKWORK)**

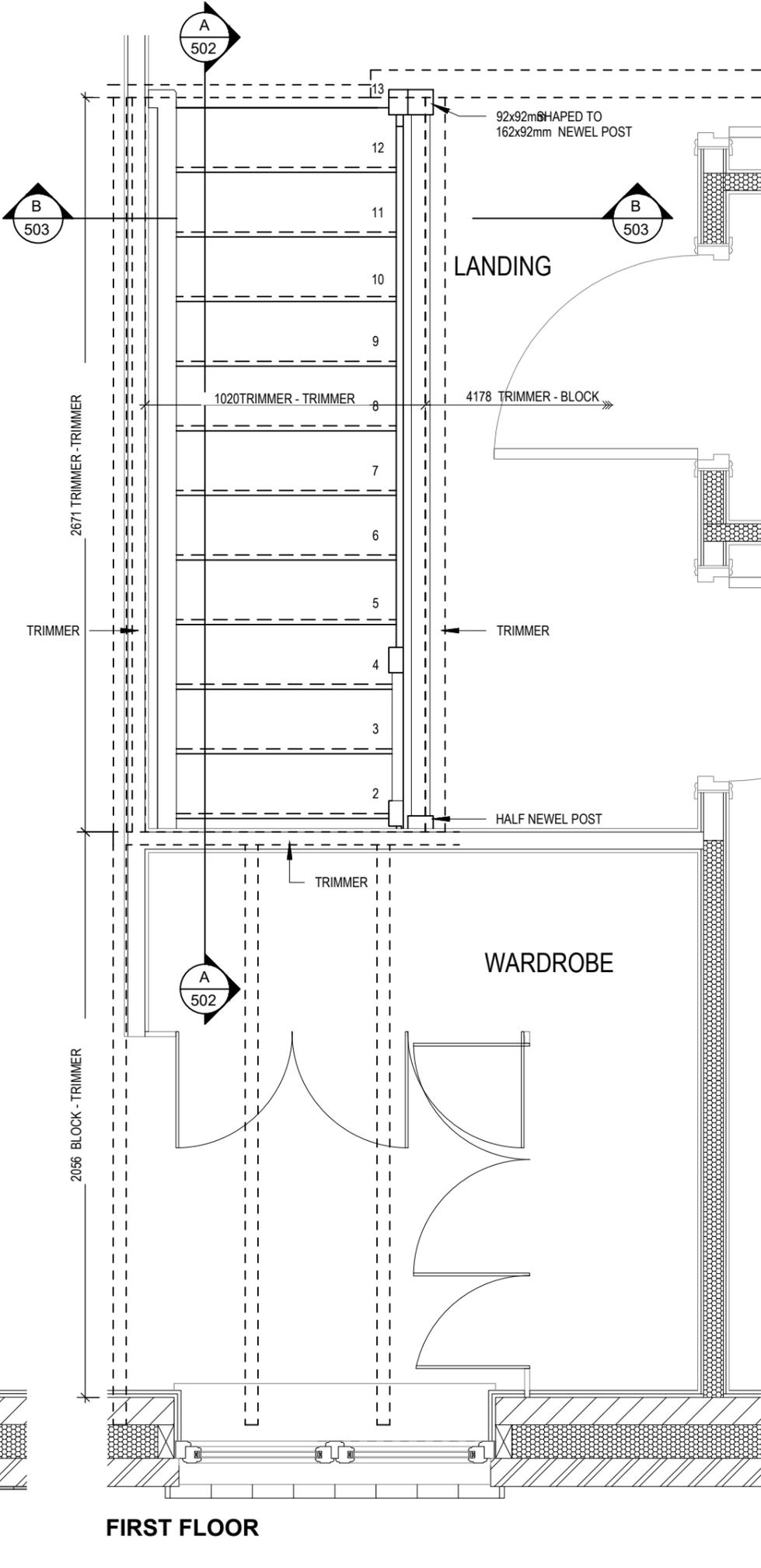
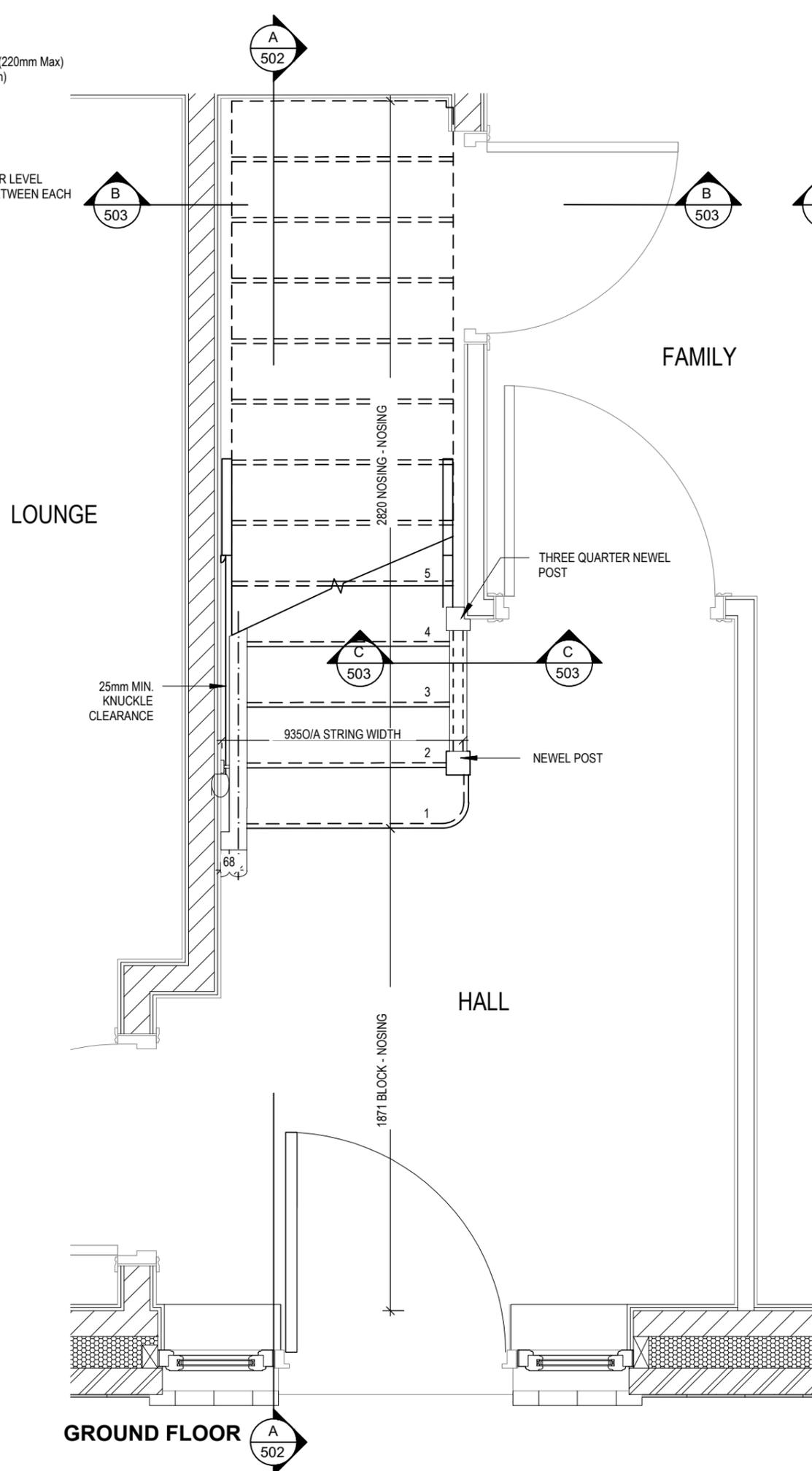
**SBF35W60 BED JOINT REINFORCEMENT POSITIONED IN THE FIRST TWO BED JOINTS IMMEDIATELY ABOVE AND BELOW OPENINGS, EXTENDING MIN 600mm BEYOND. IN ACCORDANCE WITH NHBC TECHNICAL EXTRA - APRIL 2017 ISSUE 22**

<b>Harrogate</b>	<b>Elevations A1</b>	Dwg No	<b>410</b>	Dwg Rev	
		DCC	<b>2</b>		
<b>Special M4(2)</b>	<b>G SERIES</b>	Scale	1 : 100	Date	Feb 2023

**P21-1004  
SIMPSON TWS  
03/10/2023**

**STAIRS SPECIFICATION**  
 FLOOR - FLOOR = 2742mm  
 RISE = 13No. @ 210.9mm (220mm Max)  
 GOING = 235mm (220mm Min)  
 STRING - STRING = SEE DWG  
 PITCH = 41.9°  
 STRINGERS = 38 x 250mm  
 NEWEL POSTS = 92 x 92mm

HANDRAIL 900mm ABOVE NOSING LINE  
 BALUSTRADE 900mm ABOVE LANDING FLOOR LEVEL  
 VERTICAL BALUSTERS 99mm MAX CLEAR BETWEEN EACH

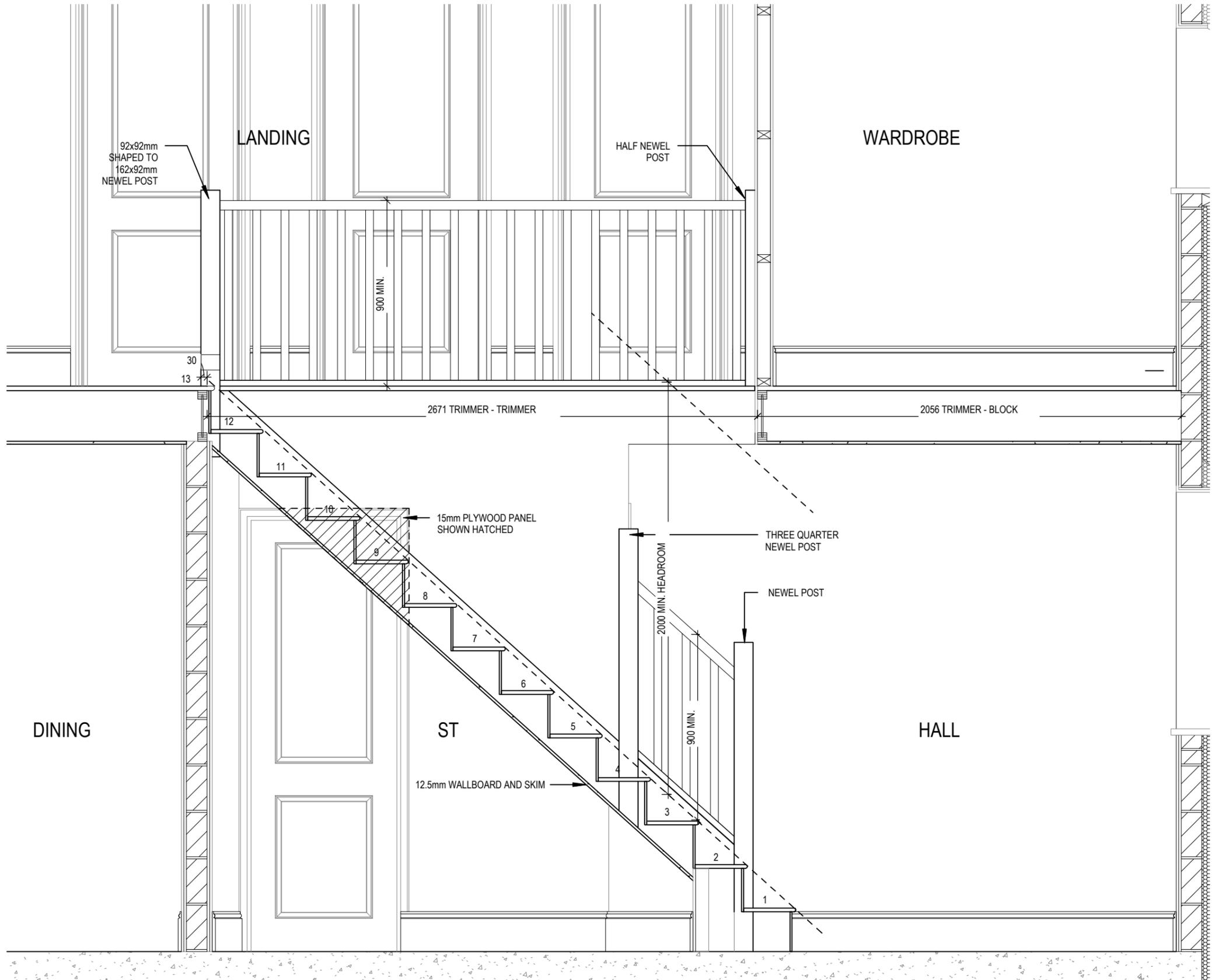


**Harrogate**  
**Special M4(2)**  
 G SERIES

Staircase Details 1 of 3

Scale 1 : 20  
 Date Feb 2023  
 DCC 2  
 Dwg No 501  
 Dwg Rev

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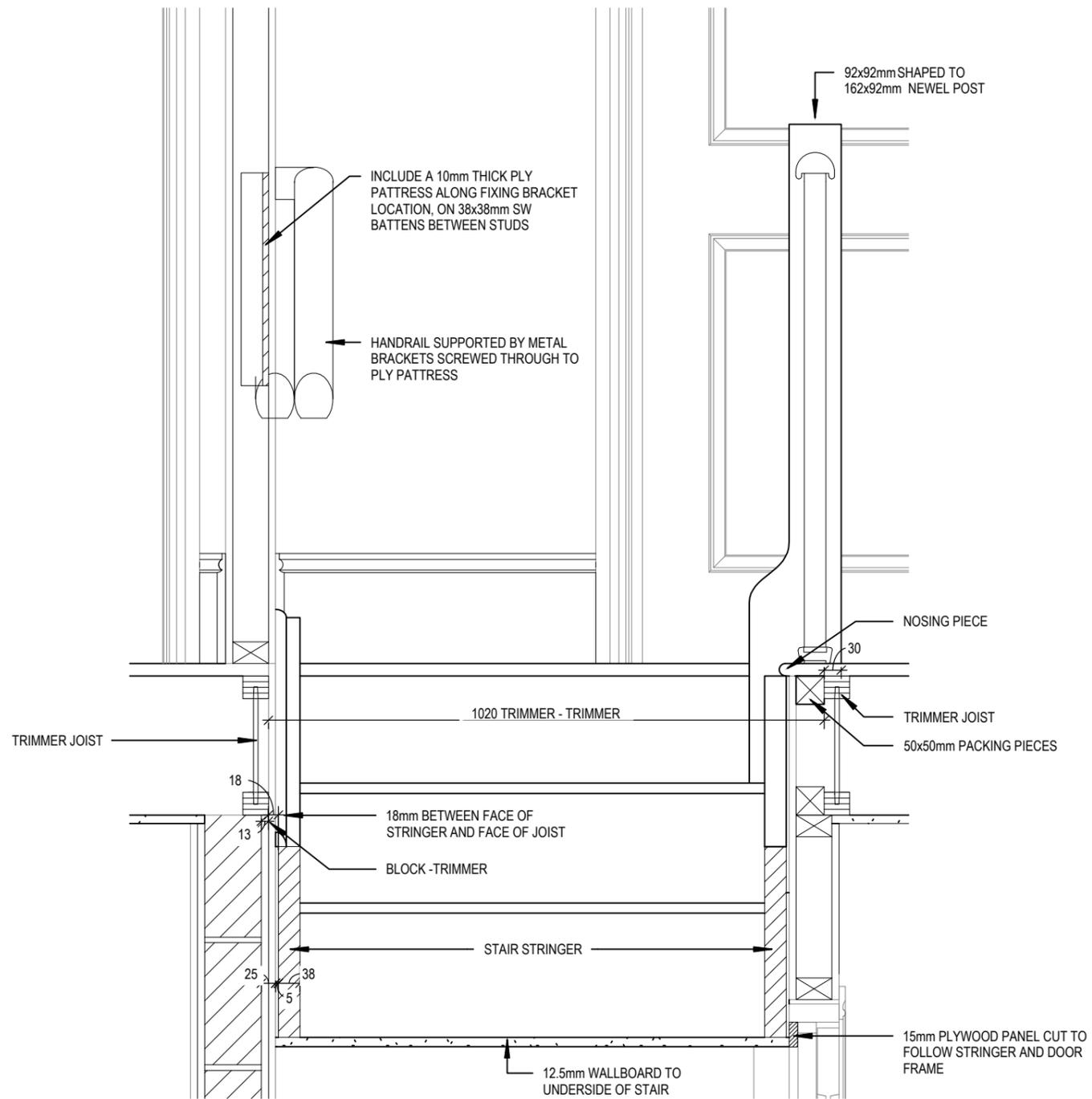


**SECTION A-A**

**Harrogate**  
**Special M4(2)**  
 G SERIES

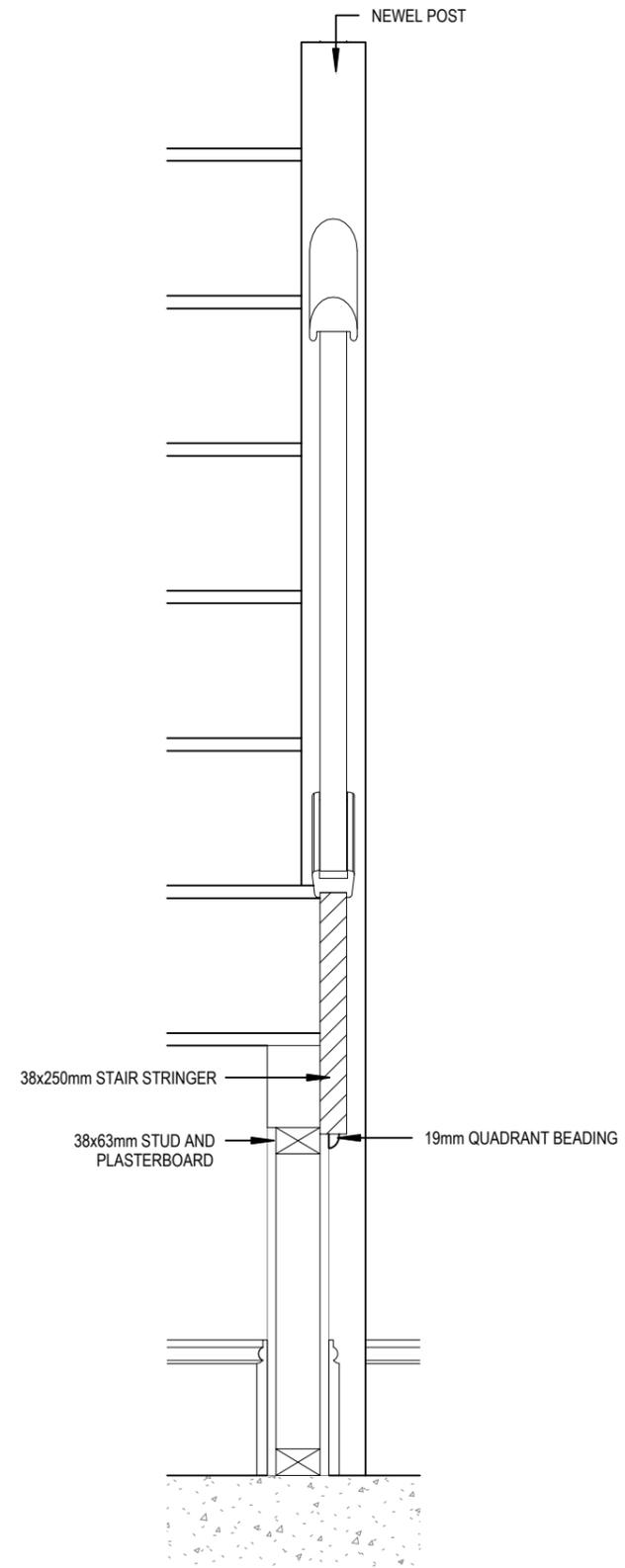
**Staircase Details 2 of 3**

Scale 1 : 20  
 Date Feb 2023  
 DCC 2  
 Dwg No 502  
 Dwg Rev



**SECTION B-B**

Scale: 1 : 10

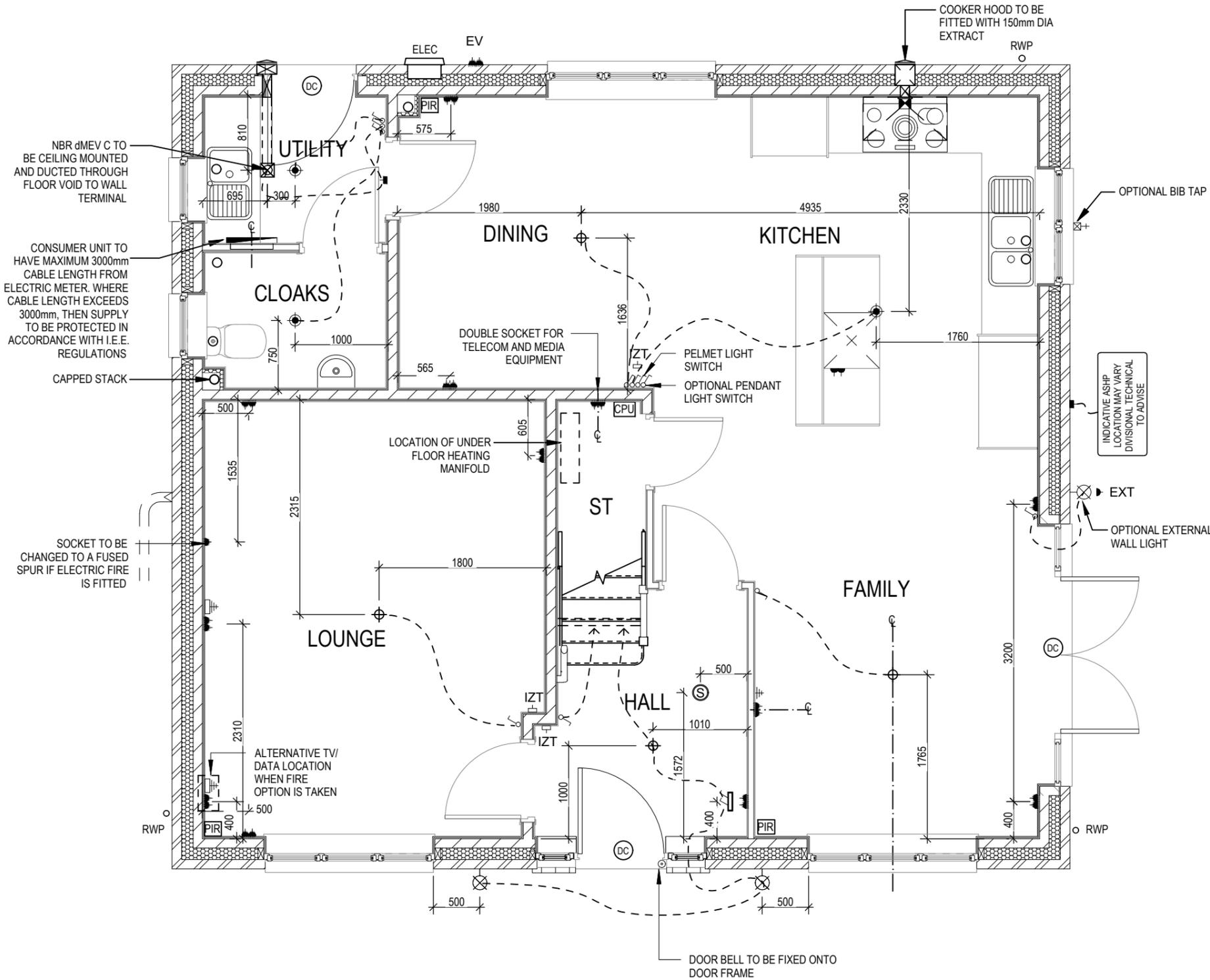


**SECTION C-C**

Scale: 1 : 10

# 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  
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
-  D  
DATA POINT
-  SMOKE DETECTOR
-  H  
HEAT DETECTOR
-  S  
SHAVER SOCKET
-  S  
ROOM THERMOSTAT
-  IZT  
INDIVIDUAL ZONE THERMOSTAT
-  P  
2 ZONE PROGRAMMER AND HOT WATER TIMER
-  PT  
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)
  - DOUBLE LIGHT SWITCH
-  BANK OF SWITCHES
-  PIR  
PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE FFL (CUSTOMER OPTION)
-  CPU  
CENTRAL PROCESSOR UNIT, HEIGHT TO UNDERSIDE 2100mm (CUSTOMER OPTION)
-  DC  
DOOR CONTACT (CUSTOMER OPTION)

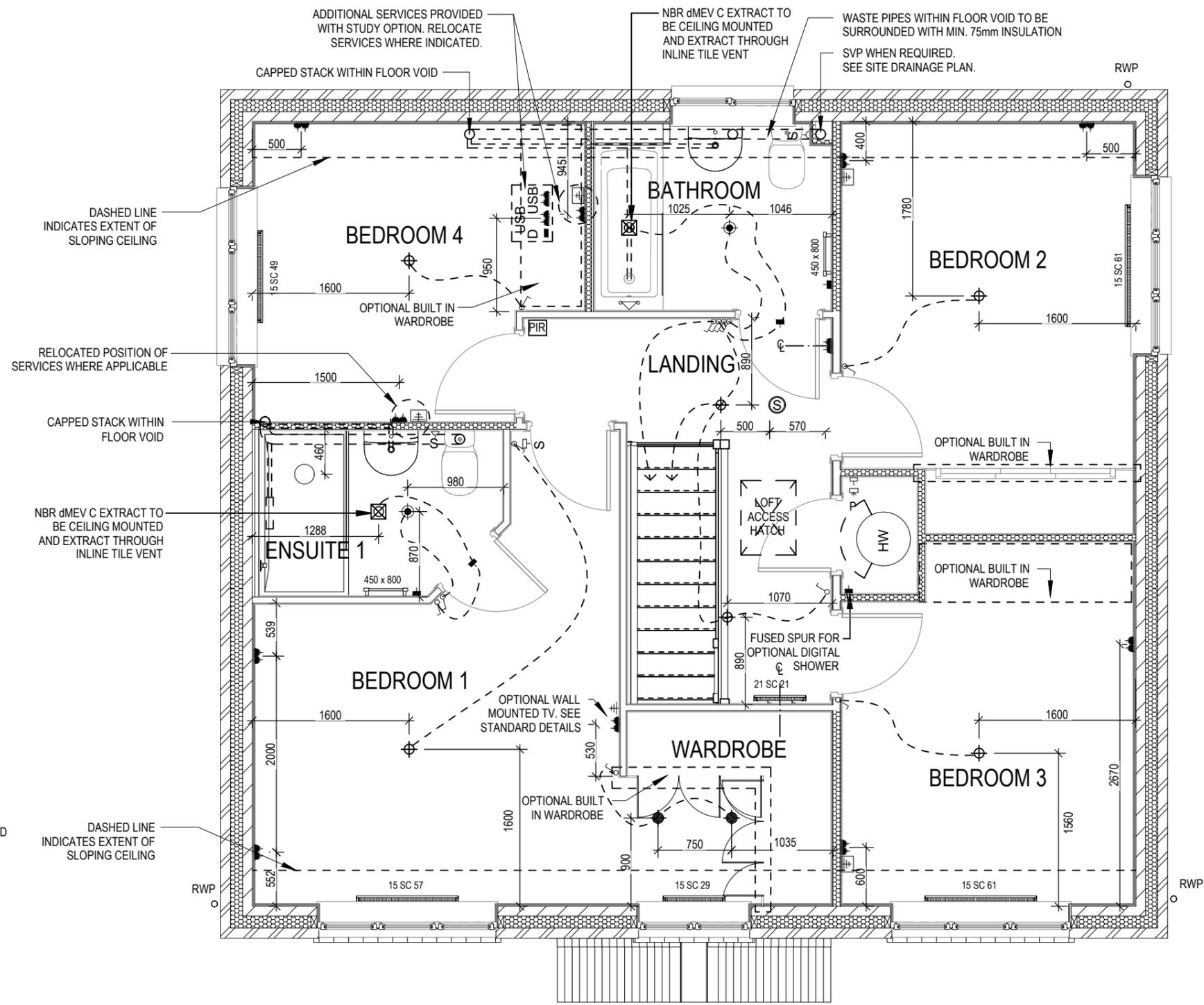


22.08.25 18.04.24	B Utility room light switches moved. A System 3 dMEV C extract indicated.	Dwg No <b>601</b>	DCC <b>2</b>	Dwg Rev <b>B</b>
Scale 1 : 50		Date Feb 2023		
<b>Services Layout Ground Floor</b>				
<b>Harrogate Special M4(2) G SERIES</b>				

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# 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
-  2 ZONE 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)
  - DOUBLE LIGHT SWITCH
-  BANK OF SWITCHES
-  PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE FFL (CUSTOMER OPTION)
-  CENTRAL PROCESSOR UNIT, HEIGHT TO UNDERSIDE 2100mm (CUSTOMER OPTION)
-  DOOR CONTACT (CUSTOMER OPTION)

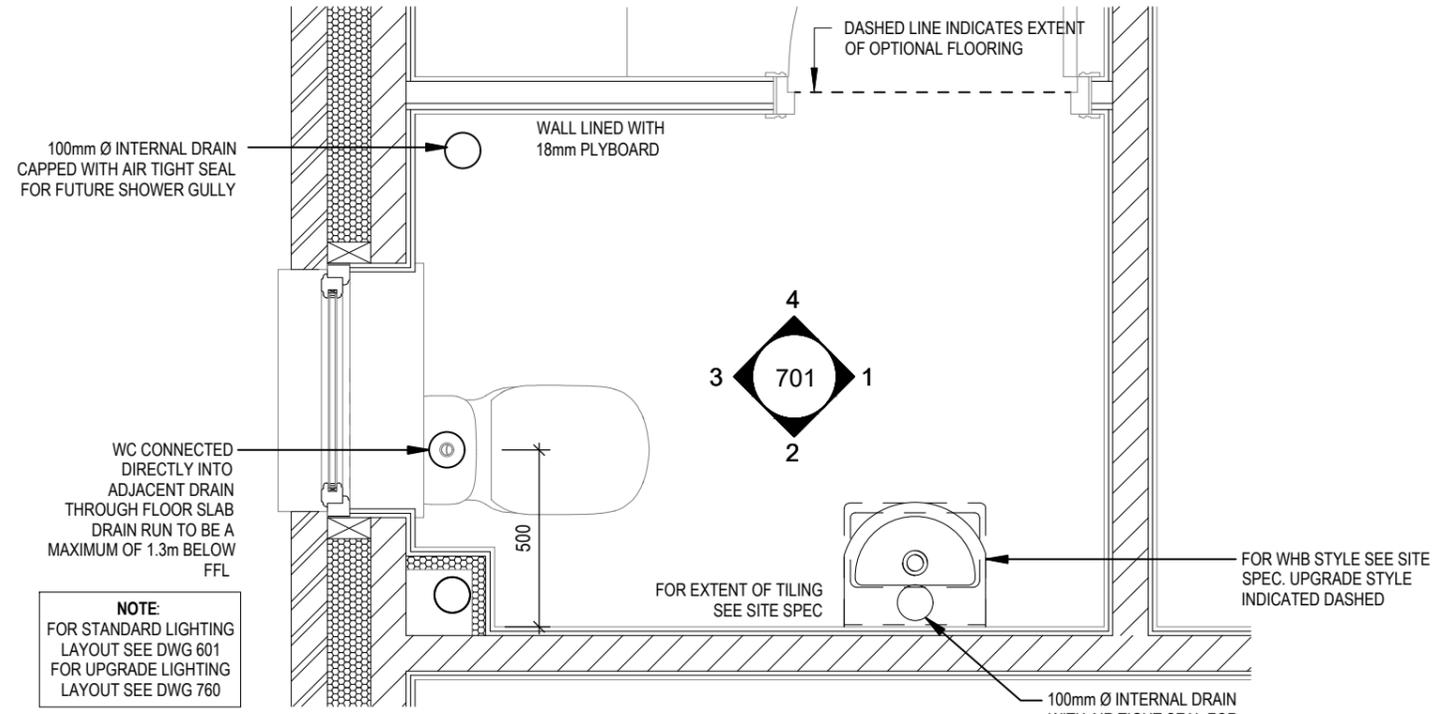


<h2 style="margin: 0;">Harrogate Special M4(2) G SERIES</h2>	<h3 style="margin: 0;">Services Layout First Floor</h3>
<p><b>Dwg No</b> 602 <b>DCC</b> 2 <b>Scale</b> 1:50</p>	<p><b>Dwg Rev</b> A <b>Date</b> Feb 2023</p>
<p>System 3 dMEV C extracts indicated.</p>	

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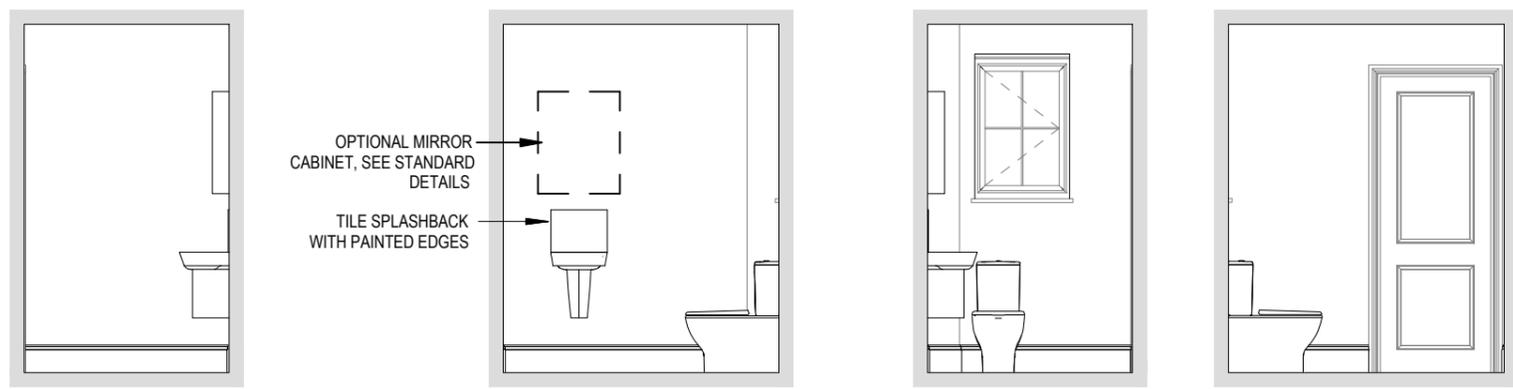
# ELECTRICAL LEGEND

- 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.
- ⌚-D SHAVER SOCKET
- ⌚-Dj OPTIONAL DIGITAL SHOWER SWITCH



## CLOAKS LAYOUT

Scale: 1 : 20



VIEW 1

Scale: 1 : 50

VIEW 2

VIEW 3

VIEW 4

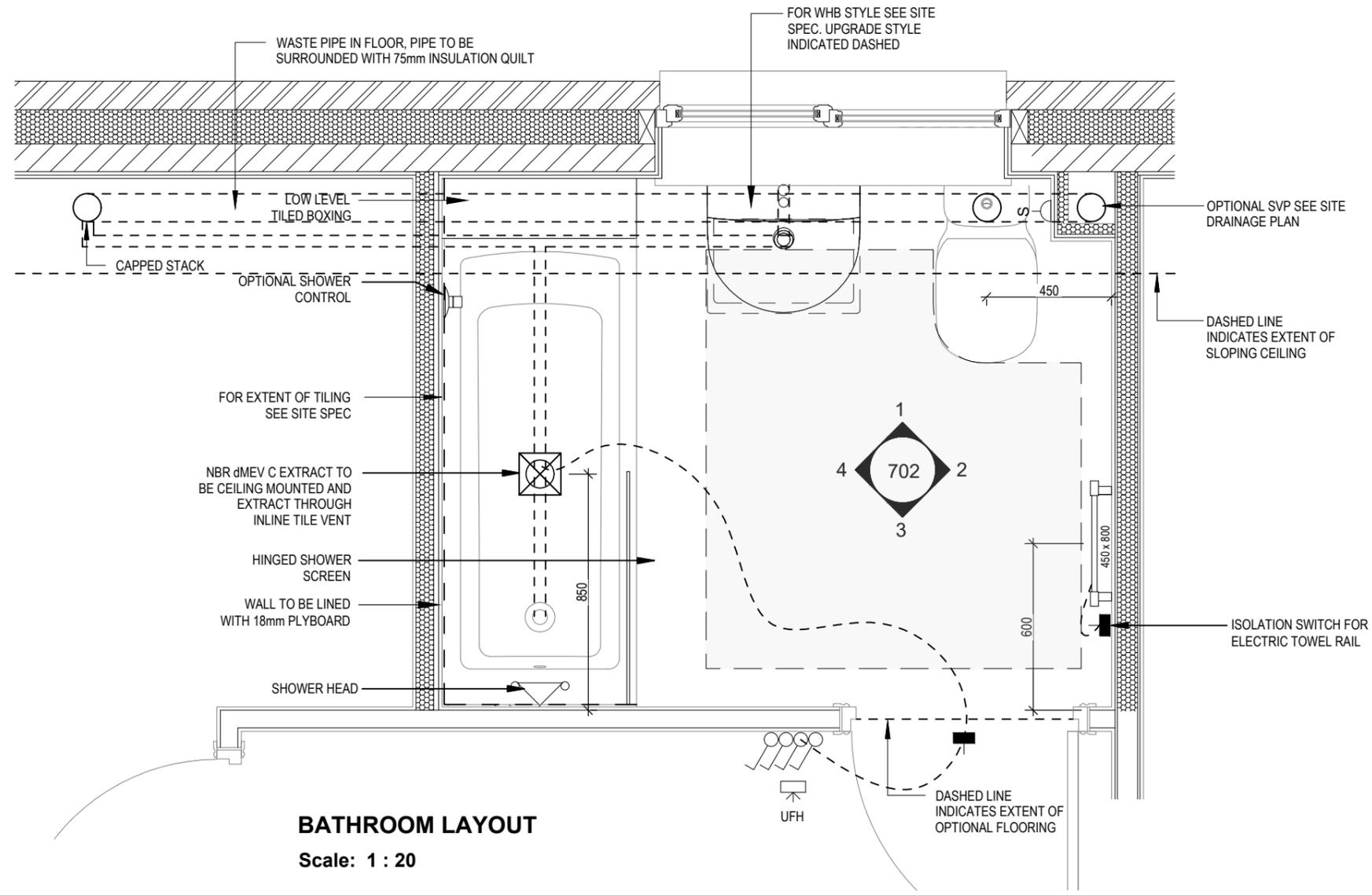
DCC	2
Dwg No	701
Dwg Rev	
Scale	As indicated
Date	Feb 2023

Cloaks Details

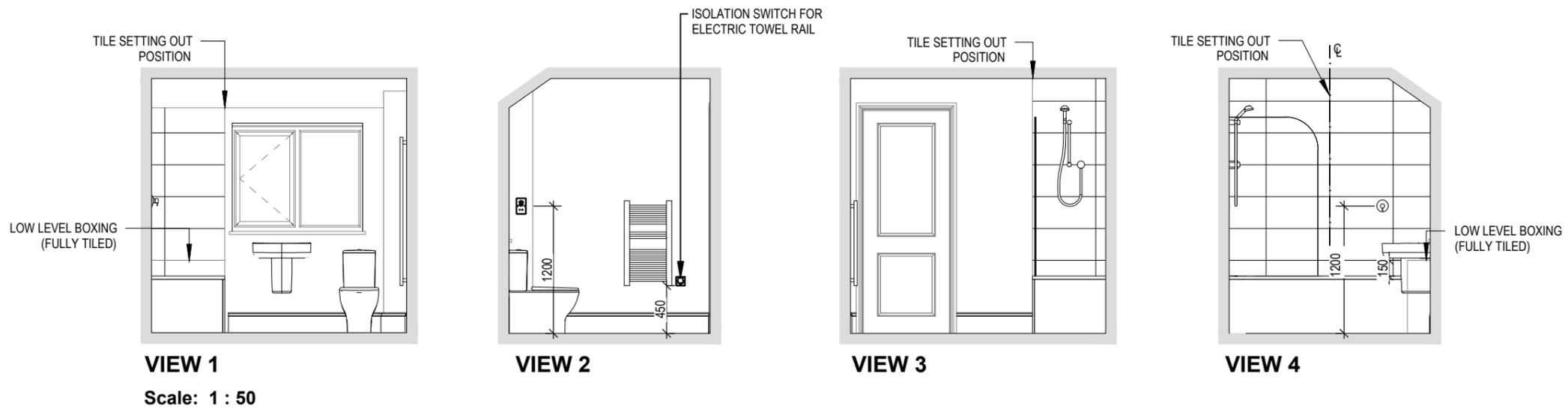
**Harrogate**  
**Special M4(2)**  
G SERIES

# ELECTRICAL LEGEND

-  ISOLATOR SWITCH
-  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



**BATHROOM LAYOUT**  
Scale: 1 : 20

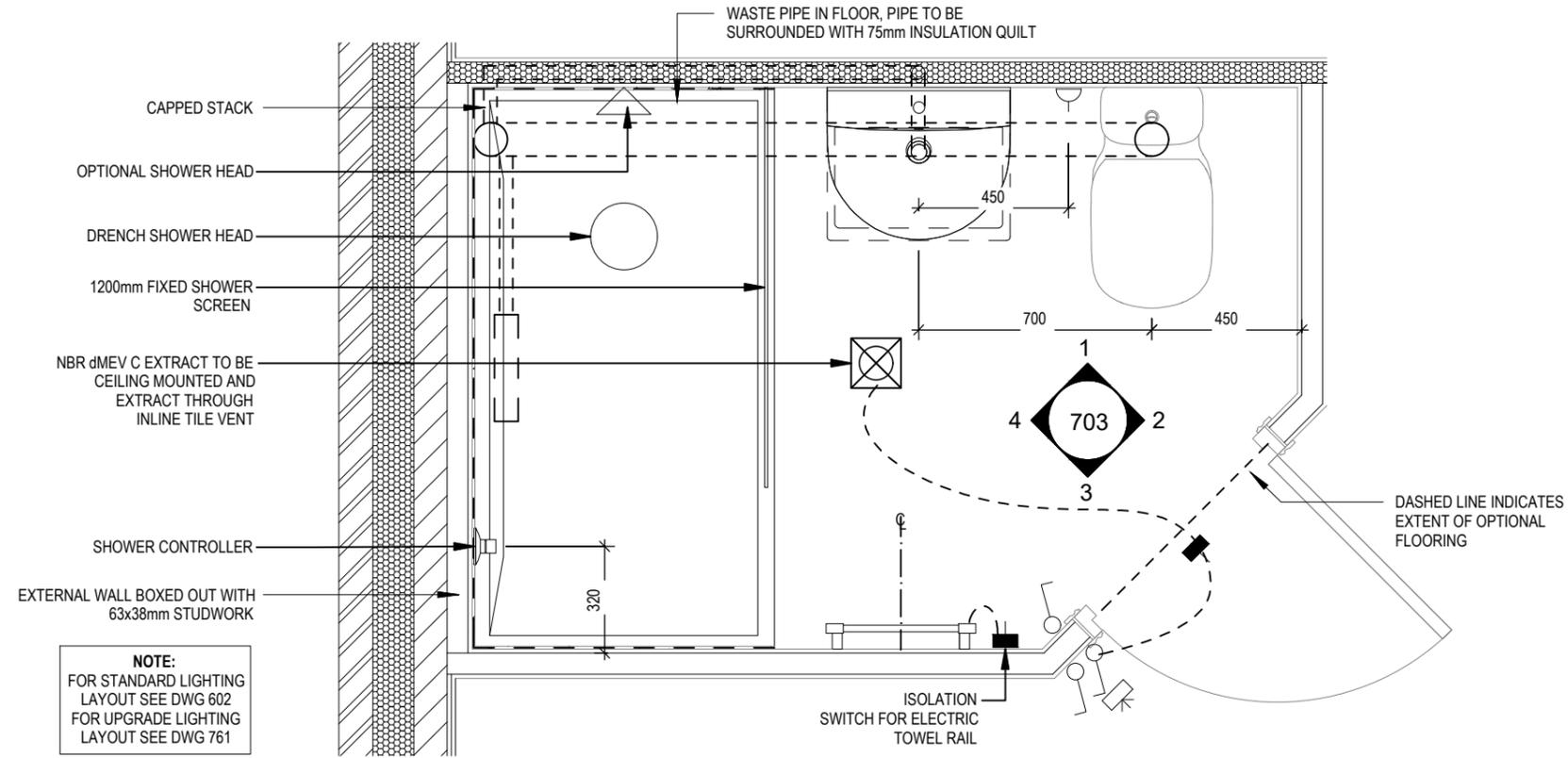


18.04.24 System 3 dMEV C extract indicated.	Dwg No <b>702</b> DCC <b>2</b> Scale AS Indicated Date Feb 2023 Dwg Rev <b>A</b>
<b>Bathroom Details</b>	
<b>Harrogate</b> <b>Special M4(2)</b> G SERIES	

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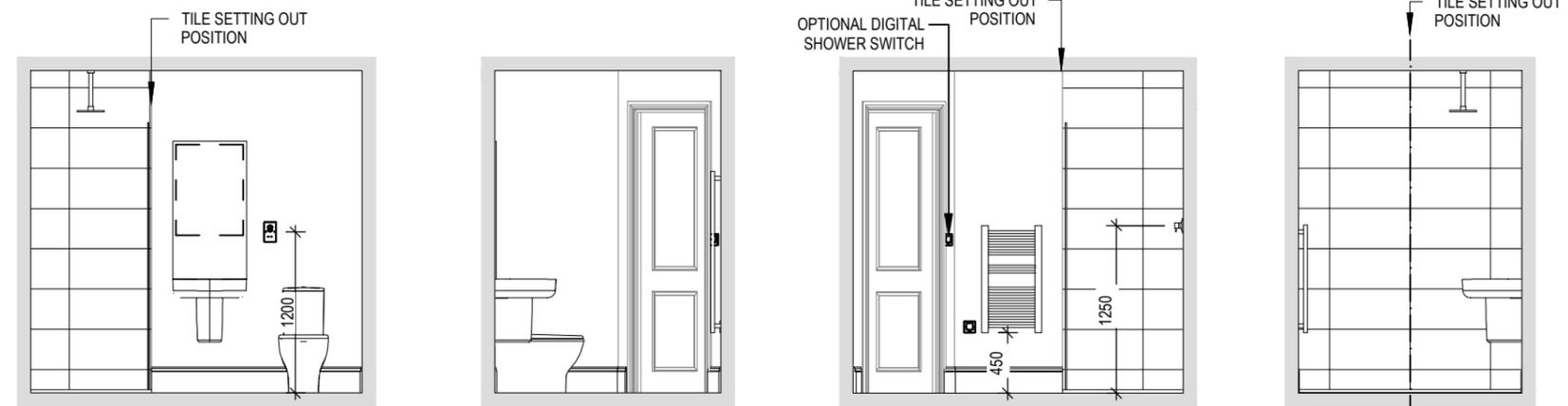
# ELECTRICAL LEGEND

- 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.
- ⌚-1 SHAVER SOCKET
- Di ⌚ OPTIONAL DIGITAL SHOWER SWITCH



## ENSUITE LAYOUT

Scale: 1 : 20



### VIEW 1

Scale: 1 : 50

### VIEW 2

### VIEW 3

### VIEW 4

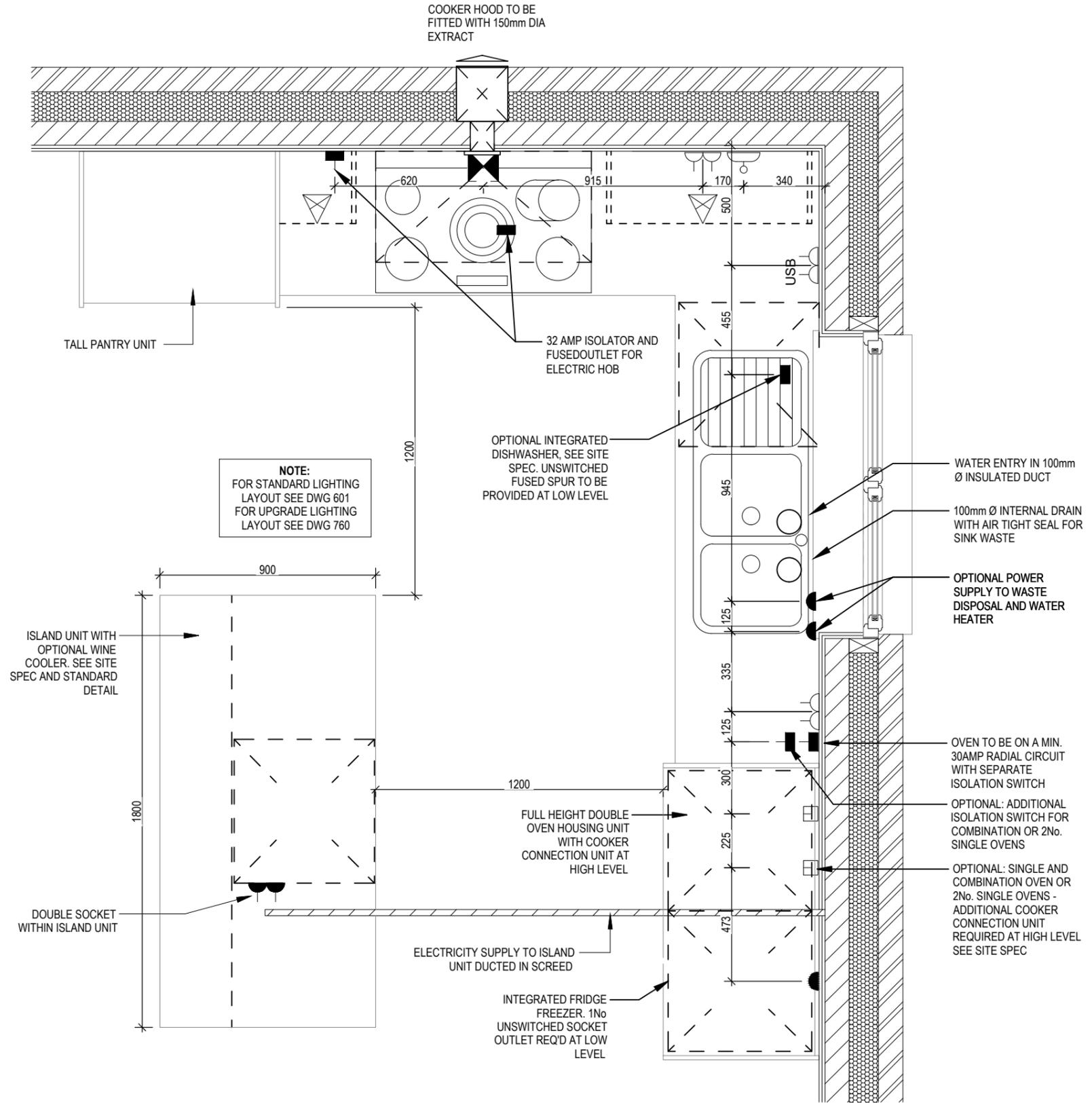
<p>System 3 dMEV C extract indicated.</p> <p>18.04.24</p>	<p>Dwg No <b>703</b></p> <p>DCC <b>2</b></p> <p>Scale AS</p> <p>Date Feb 2023</p> <p>Dwg Rev <b>A</b></p>
<p>Ensuite Details</p>	
<p><b>Harrogate</b></p> <p><b>Special M4(2)</b></p> <p>G SERIES</p>	

# 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
- P ⌚ PROGRAMMER & HOT WATER TIMER
- PT ⌚ PROGRAMMABLE THERMOSTAT



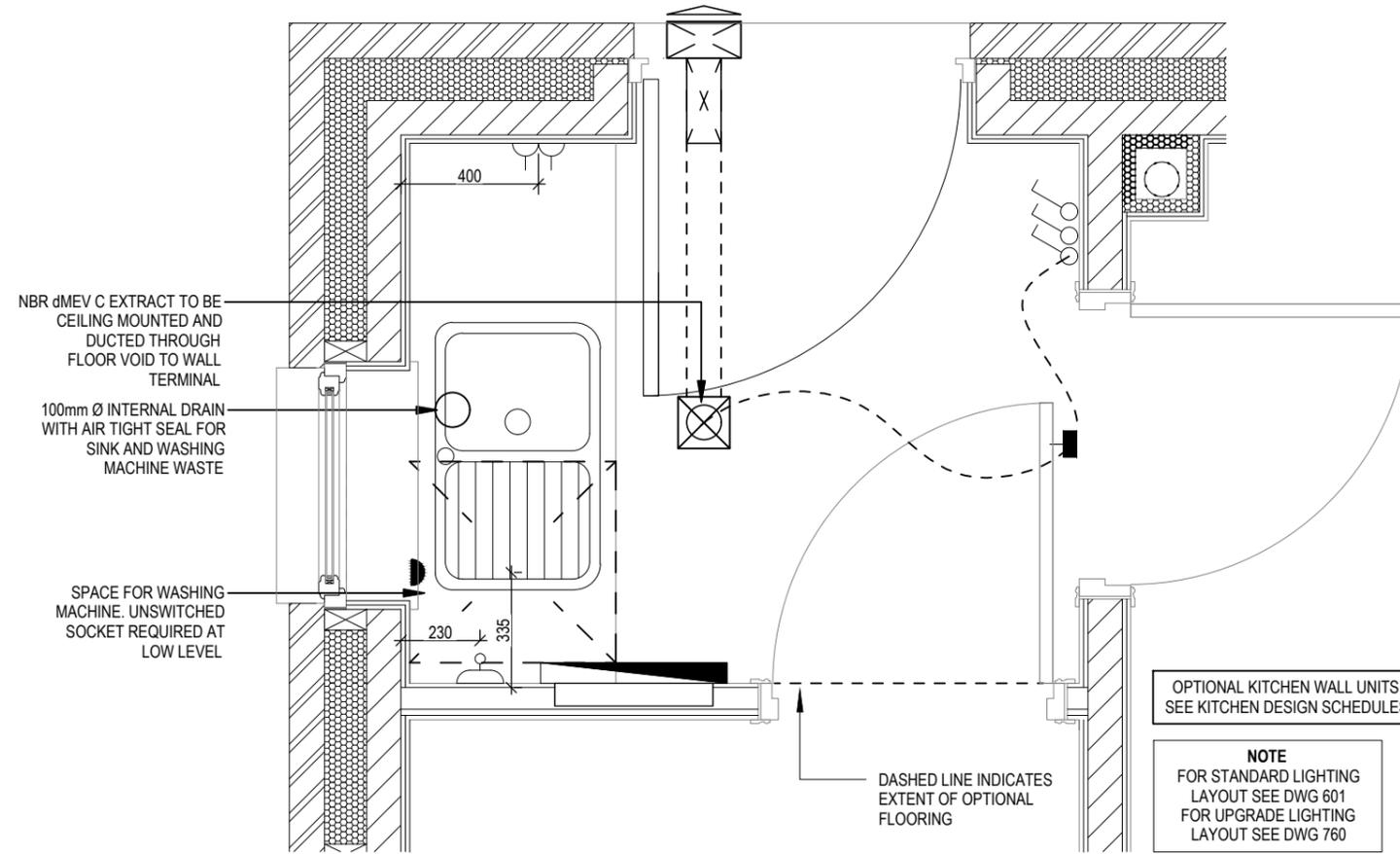
**NOTE:**  
FOR STANDARD LIGHTING LAYOUT SEE DWG 601  
FOR UPGRADE LIGHTING LAYOUT SEE DWG 760

<h2 style="margin: 0;">Harrogate</h2> <h3 style="margin: 0;">Special M4(2)</h3> <p style="font-size: small; margin: 0;">G SERIES</p>	<h3 style="margin: 0;">Kitchen Layout</h3>	<p style="margin: 0;">Dwg No <b>750</b></p> <p style="margin: 0;">DCC <b>2</b></p> <p style="margin: 0;">Scale 1:20</p> <p style="margin: 0;">Date Feb 2023</p> <p style="margin: 0;">Dwg Rev <b>B</b></p>
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This drawing must be read in conjunction with relevant Redrow specifications, standard details & structural calculations. All dimensions are taken from face of Brick/Block & Studwork. This drawing is subject to copyright law. Do Not Scale Off This Drawing

# 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 INTERCONNECTED. 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
  - P ⌚ PROGRAMMER & HOT WATER TIMER
  - PT ⌚ PROGRAMMABLE THERMOSTAT



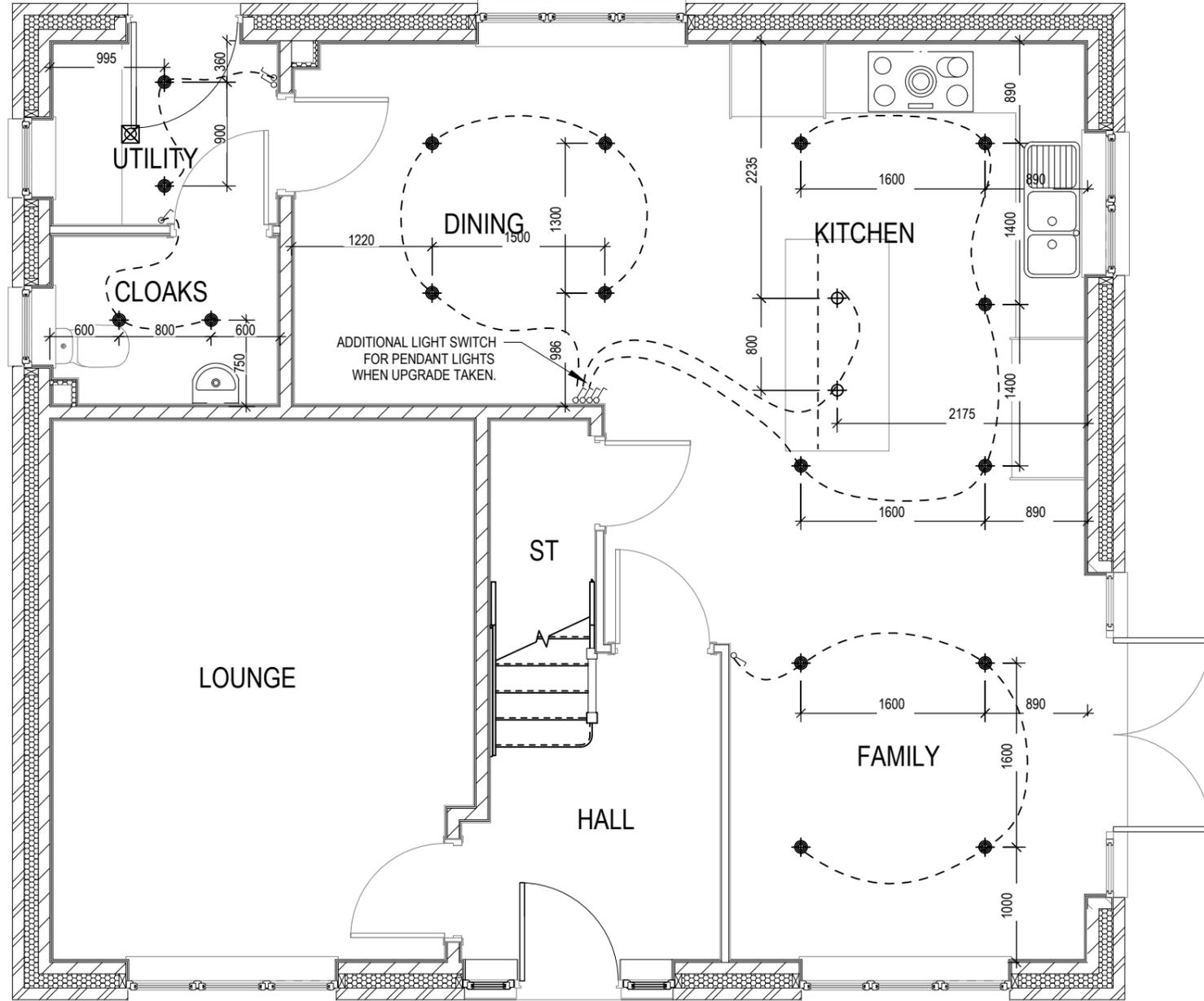
**UTILITY LAYOUT**

<h2 style="margin: 0;">Harrogate</h2> <h3 style="margin: 0;">Special M4(2)</h3> <p style="margin: 0; font-size: small;">G SERIES</p>	<h3 style="margin: 0;">Utility Layout</h3>		<p style="margin: 0; font-size: small;">Dwg No</p> <h2 style="margin: 0;">751</h2>	<p style="margin: 0; font-size: small;">Dwg Rev</p> <h2 style="margin: 0;">B</h2>
	<p style="margin: 0; font-size: small;">Scale</p> <h2 style="margin: 0;">1:20</h2>	<p style="margin: 0; font-size: small;">DCC</p> <h2 style="margin: 0;">2</h2>	<p style="margin: 0; font-size: small;">Date</p> <h2 style="margin: 0;">Feb 2023</h2>	<p style="margin: 0; font-size: small;">22.08.25</p> <p style="margin: 0; font-size: small;">18.04.24</p>

# ELECTRICAL LEGEND

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

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



**Harrogate**  
**Special M4(2)**  
G SERIES

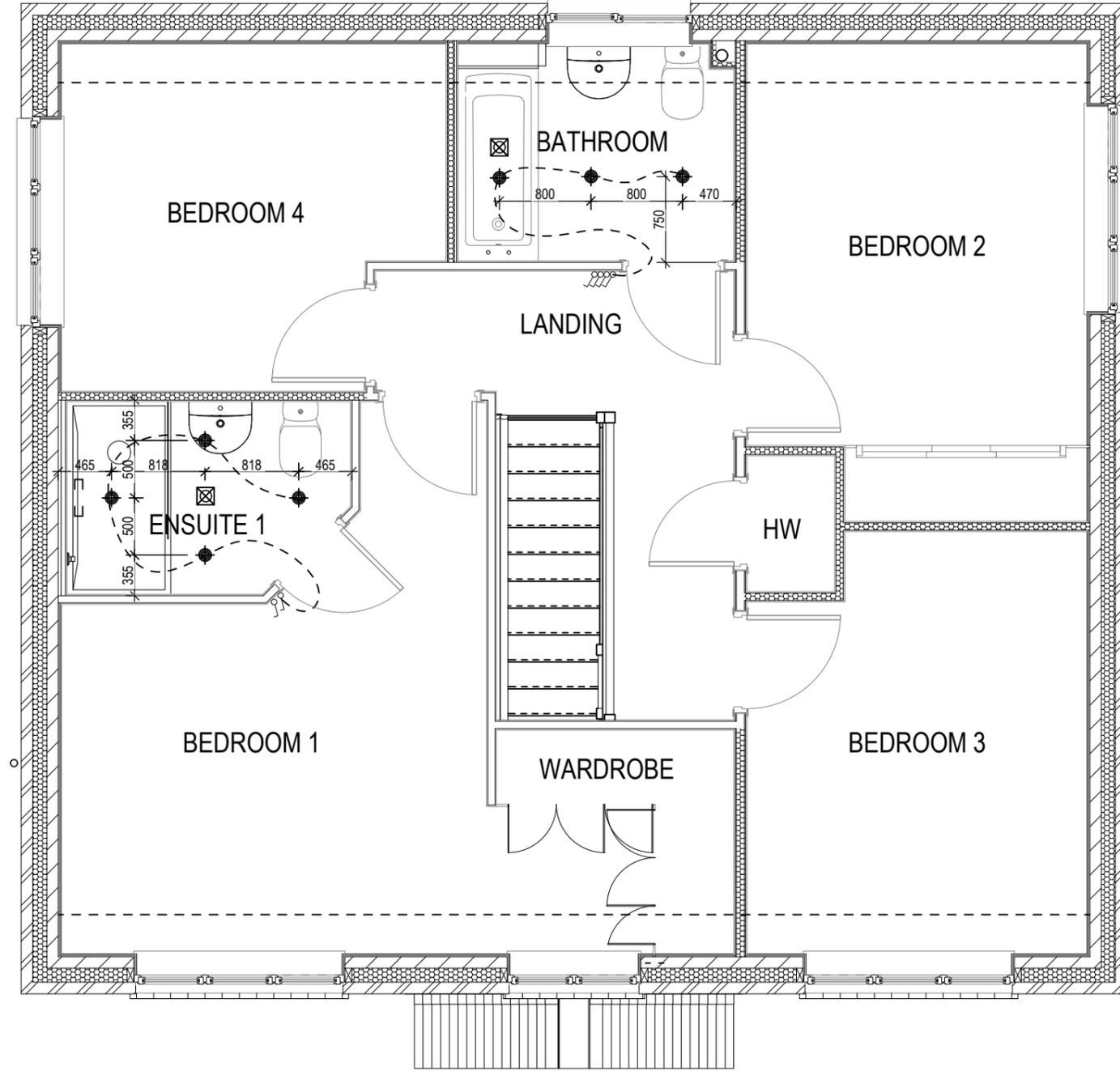
Optional Lighting Layout  
Ground Floor

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

# ELECTRICAL LEGEND

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

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

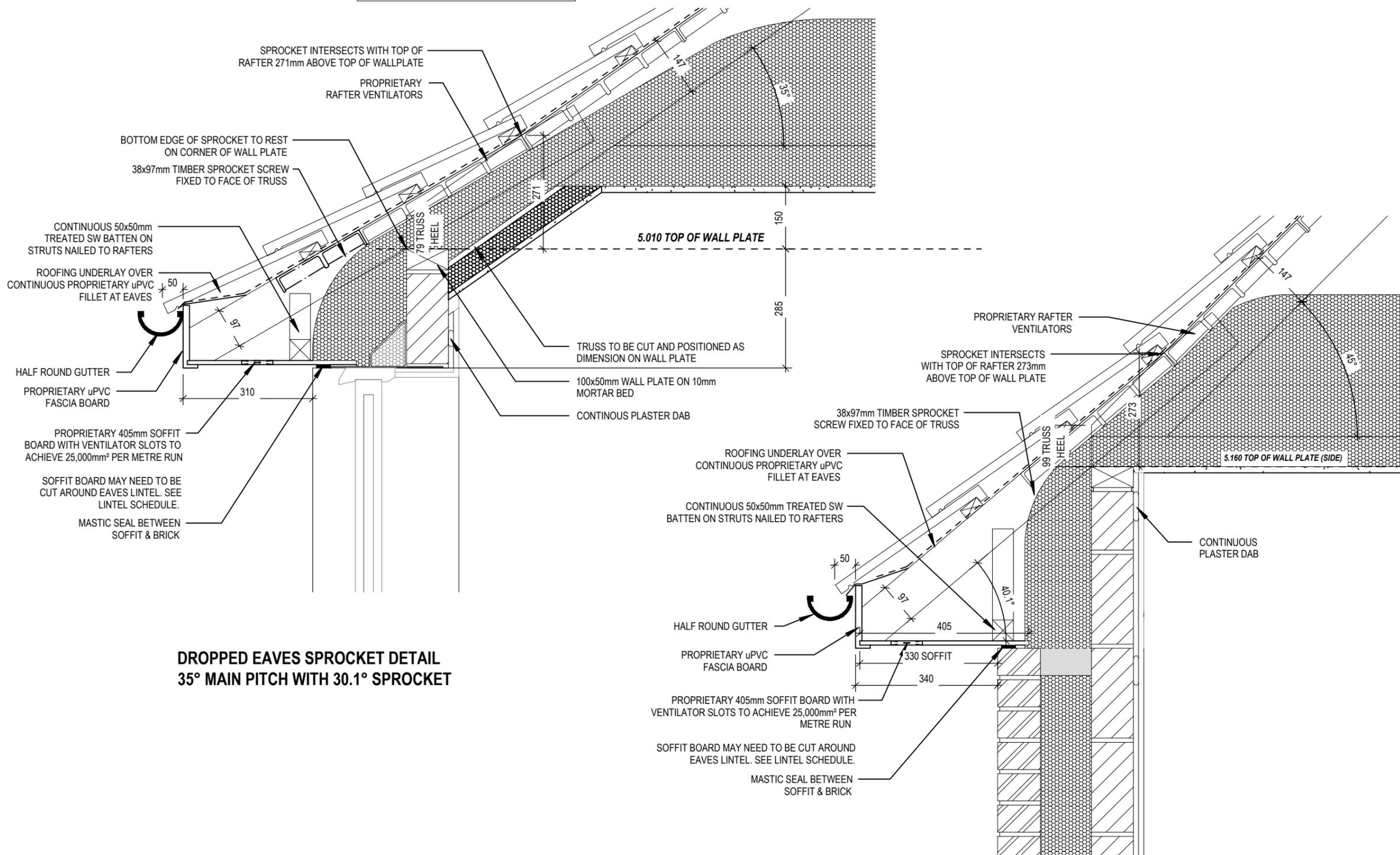


**Harrogate**  
**Special M4(2)**  
G SERIES

Optional Lighting Layout  
 First Floor

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

ROOF BRACING AND TRUSS DESIGN IN ACCORDANCE WITH EUROCODE 5 (EC5). DESIGNED AND MANUFACTURED BY SPECIALIST.



**DROPPED EAVES SPROCKET DETAIL**  
35° MAIN PITCH WITH 30.1° SPROCKET

**EAVES SPROCKET DETAIL**  
45° MAIN PITCH WITH 40.1° SPROCKET

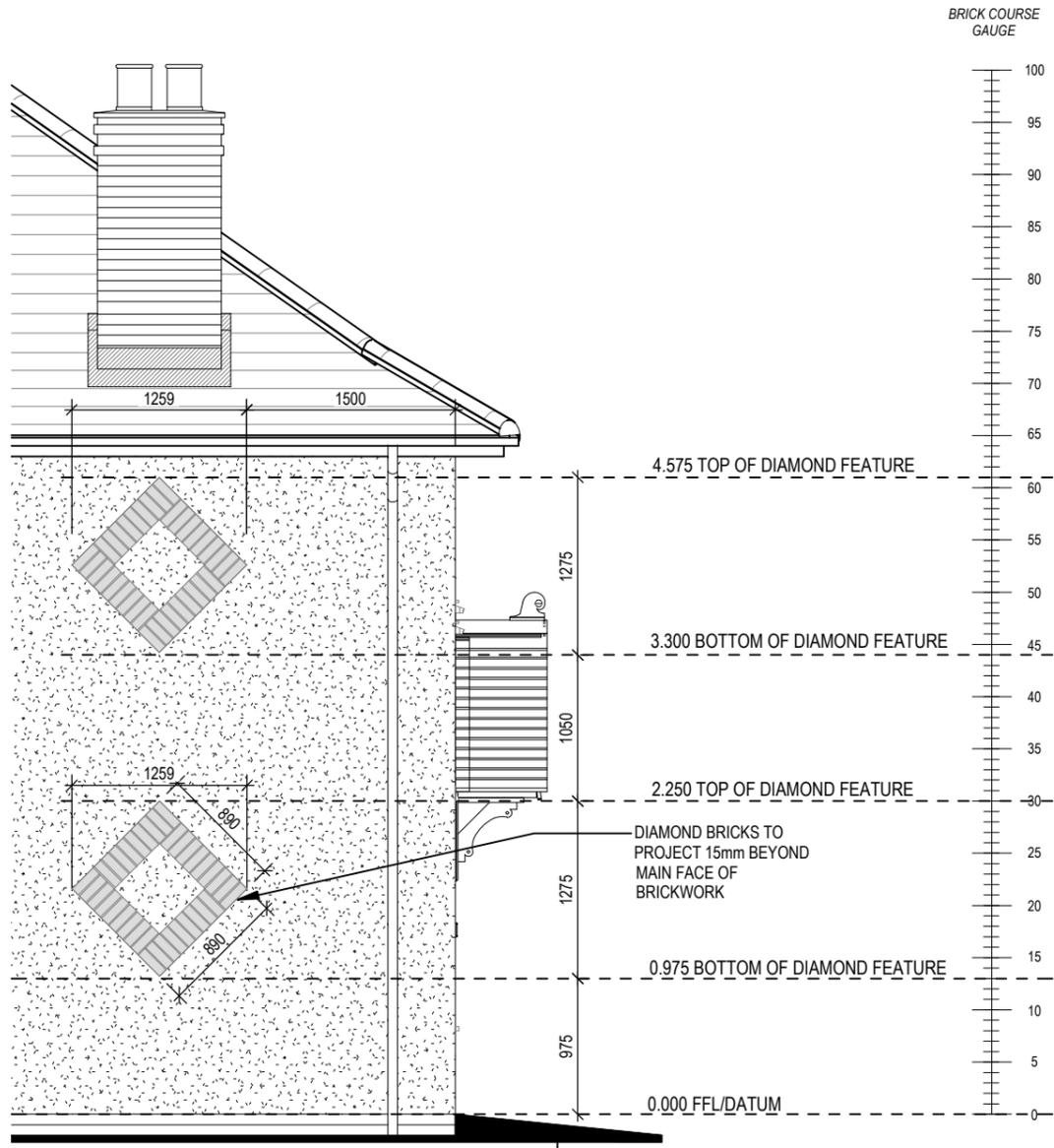
**Harrogate**  
**Special M4(2)**  
G SERIES

**Non-Standard Eaves Details**

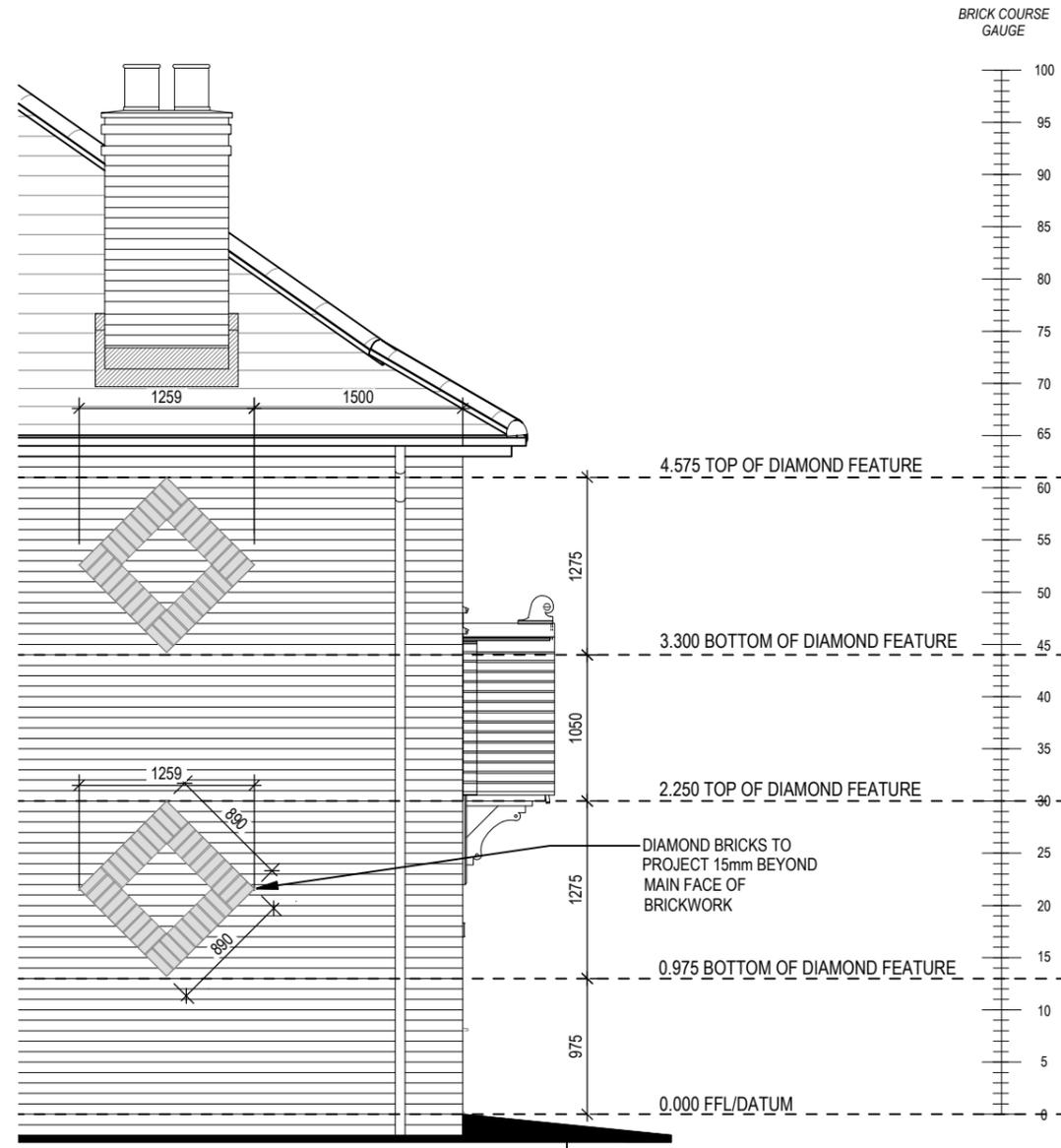
Scale 1 : 10  
Date Feb 2023

DCC 2  
Dwg No 801

Dwg Rev



RENDER



BRICK

**Harrogate**  
**Special M4(2)**  
 G SERIES

**Diamond Brick**  
**Feature Setting Out**

Scale 1 : 100  
 Date Feb 2023  
 DCC 2  
 Dwg No 802  
 Dwg Rev