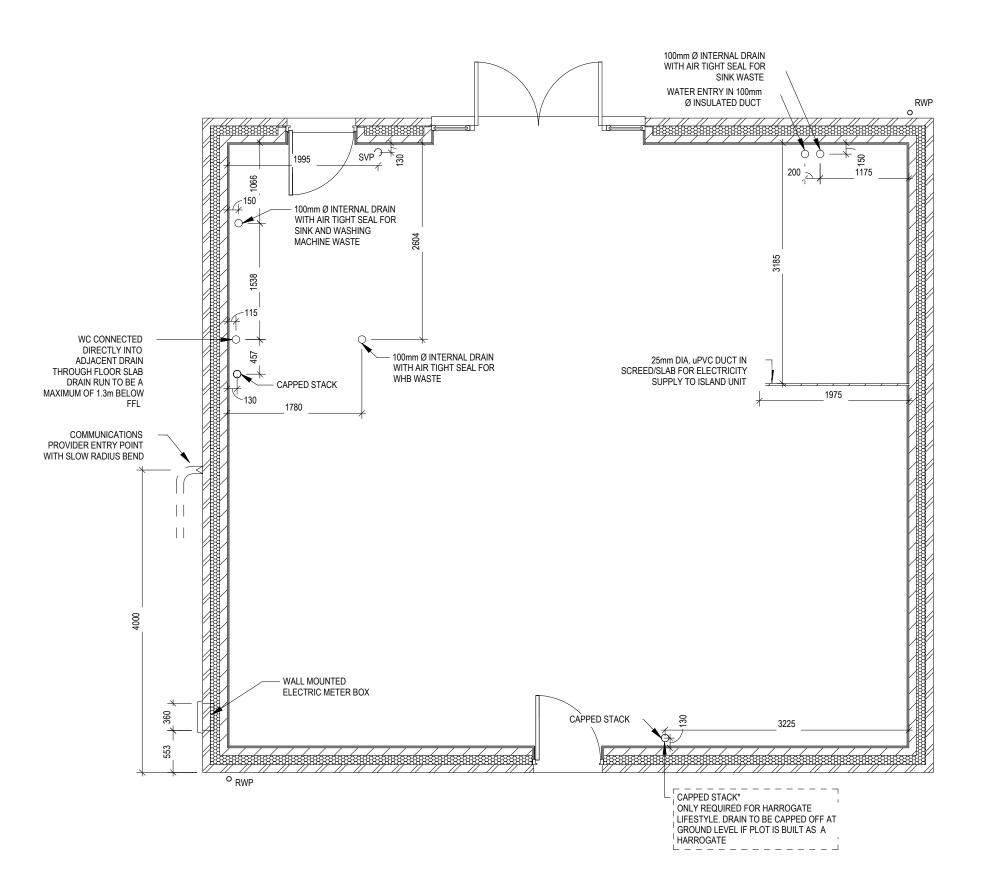


EG\_HARR\_DM.2  $144.29 \, \text{m}^2$ 1553 ft<sup>2</sup> SQ FT: SQ M:

**G** SERIES



Slab Penetration Layout Harrogate **♥ REDROW** 

200 **Scale** 1 : 50

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		-	Yes	
W03	710	1040	720	Obs	-	Yes	
W04	1273	1190	1283		-	Yes	
W05	1835	1040	1845	Esc	-	-	
W06	1160	890	1170		-	-	
W07	1835	1040	1845	Esc	-	-	
W08	1835	1040	1845	Esc	-	-	
W09	1273	1040	1283	Obs	-	-	
W10	1835	1040	1845	Esc	-	-	

Door Schedule - Internal							
Ref	Width	Height	Fire Rating	Code			
D04	900	2150		HID2			
D05	900	2150		HID2			
D06	825	2150		HID3			
D07	900	2150		HID2			
D08	900	2150		HID2			
D09	825	2150		HID3			
D10	825	2150		HID3			
D11	825	2150		HID3			
D12	825	2150		HID3			
D13	825	2150		HID3			
D14	825	2150		HID3			
D15	825	2150		HID3			

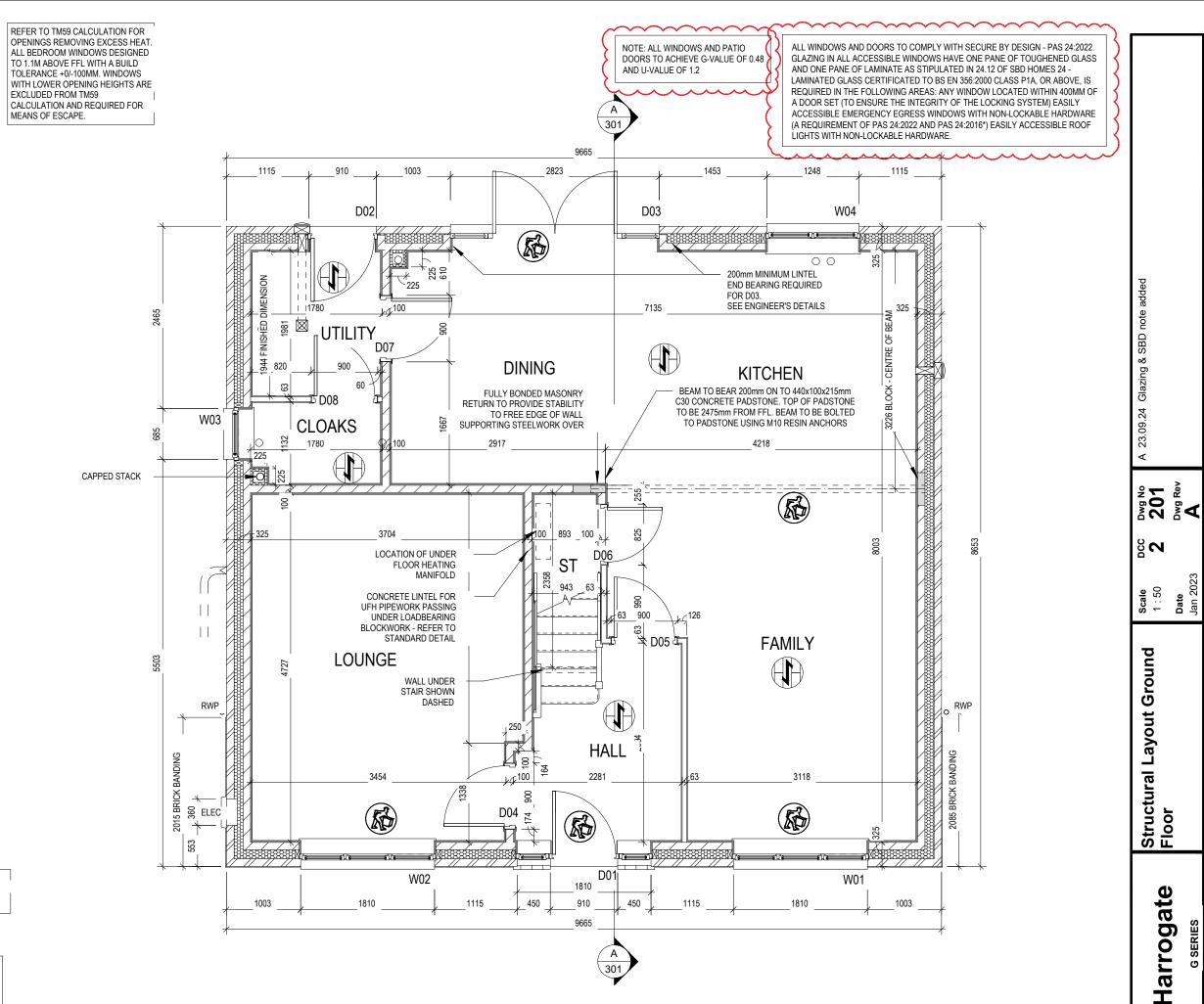
Door Schedule - External						
Ref	Frame Width	Height	Model	P1A - Glazing	PAS 24 - Locking	
D01	1835	2250	HED01 - D01	Yes	Yes	
D02	935	2250	HRD01	Yes	Yes	
D03	2813	2250	HRD17	Yes	Yes	



LOCATION AND DIRECTION OF OPTIONAL FLOOR TILING

## **WALL LEGEND**

WALL LEGEND								
WALL TYPE	SIZE (mm)	STRENGTH (N/mm²)	DENSITY (Kg/m³)	LAMBDA (1)				
BLOCKWORK	100	3.6	600	0.15				
40dB STUDWORK PROPERTY	63 (88)	-	-	-				



Scale Off This Dra

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		-	Yes		
W03	710	1040	720	Obs	-	Yes		
W04	1273	1190	1283		-	Yes		
W05	1835	1040	1845	Esc	-	-		
W06	1160	890	1170		-	-		
W07	1835	1040	1845	Esc	-	-		
W08	1835	1040	1845	Esc	-	-		
W09	1273	1040	1283	Obs	-	-		
W10	1835	1040	1845	Esc	-	-		

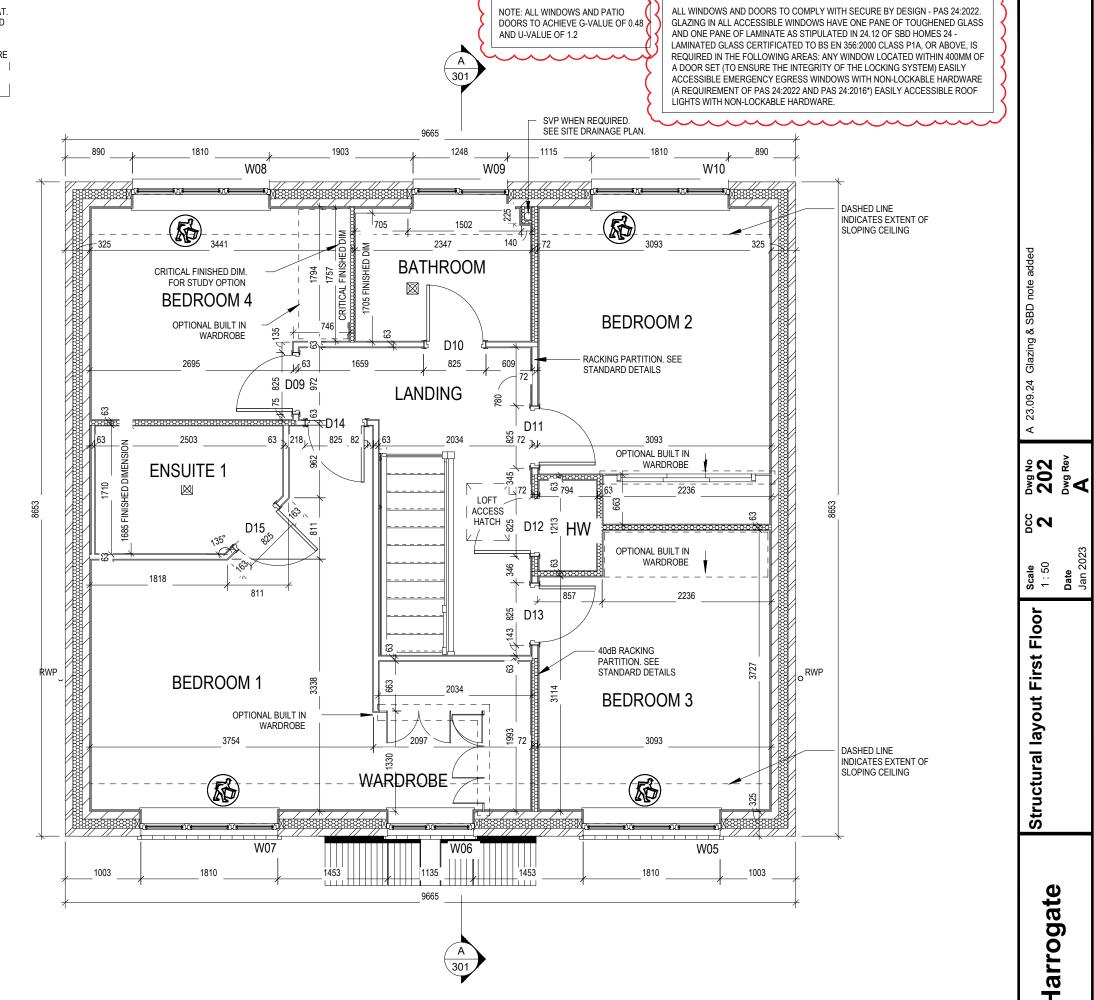
REFER TO TM59 CALCULATION FOR	
OPENINGS REMOVING EXCESS HEAT.	
ALL BEDROOM WINDOWS DESIGNED	
TO 1.1M ABOVE FFL WITH A BUILD	
TOLERANCE +0/-100MM. WINDOWS	
WITH LOWER OPENING HEIGHTS ARE	
EXCLUDED FROM TM59	
CALCULATION AND REQUIRED FOR	
MEANS OF ESCAPE.	

Door Schedule - Internal							
Ref	Width	Height	Fire Rating	Code			
D04	900	2150		HID2			
D05	900	2150		HID2			
D06	825	2150		HID3			
D07	900	2150		HID2			
D08	900	2150		HID2			
D09	825	2150		HID3			
D10	825	2150		HID3			
D11	825	2150		HID3			
D12	825	2150		HID3			
D13	825	2150		HID3			
D14	825	2150		HID3			
D15	825	2150		HID3			

Door Schedule - External						
Ref	Frame Width	Height	Model	P1A - Glazing	PAS 24 - Locking	
D01	1835	2250	HED01 - D01	Yes	Yes	
D02	935	2250	HRD01	Yes	Yes	
D03	2813	2250	HRD17	Yes	Yes	

### **WALL LEGEND**

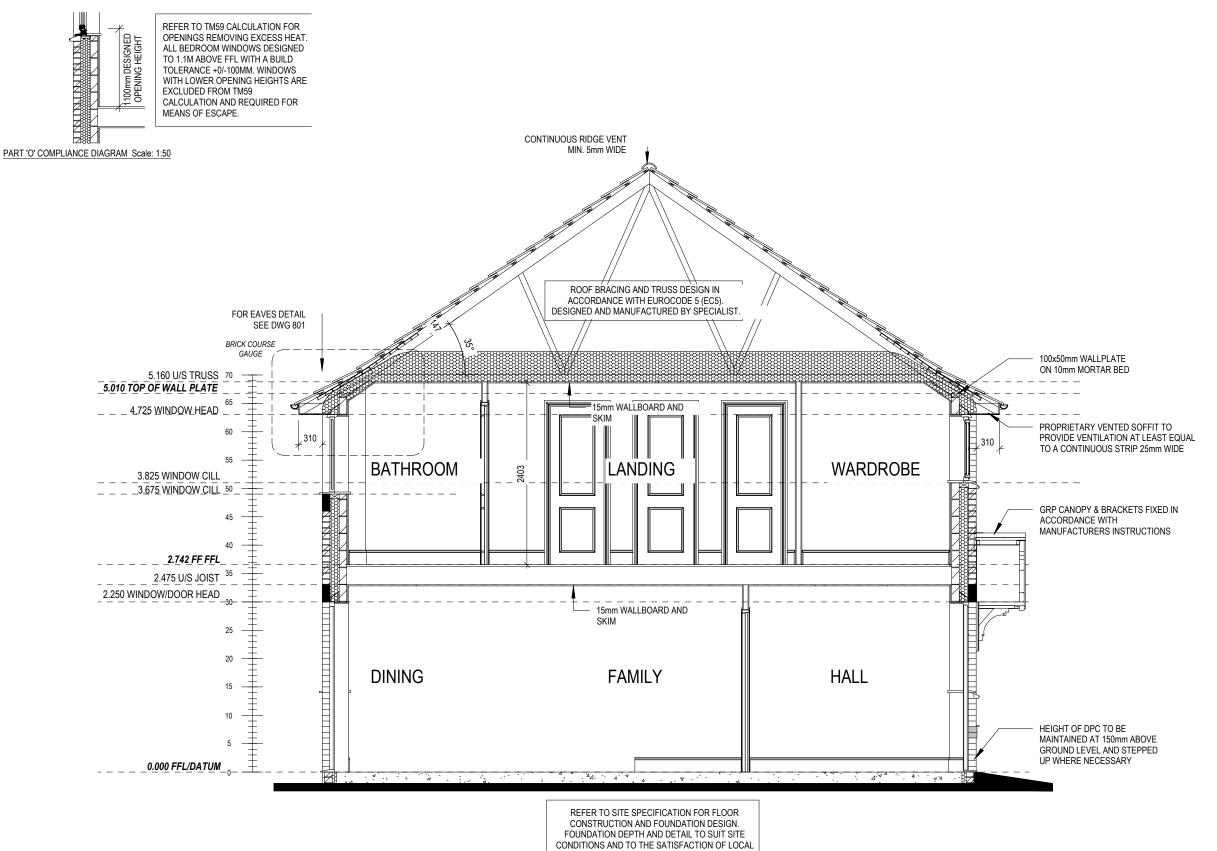
WALL TYPE	SIZE (mm)	STRENGTH (N/mm²)	DENSITY (Kg/m³)	LAMBDA				
BLOCKWORK	100	3.6	600	0.15				
40dB STUDWORK ************************************	63 (88)	-	-	-				



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AUTHORITY AND APPROVED INSPECTOR

Harrogate

Dwg No 301 Dwg Rev

**Date** Jan 2023

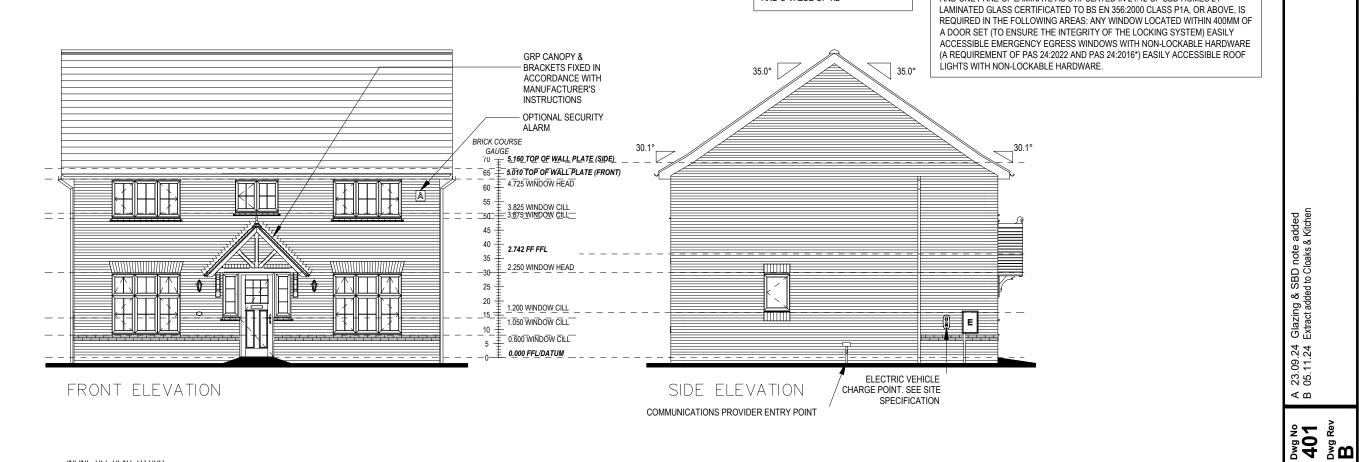
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**Scale** 1:50

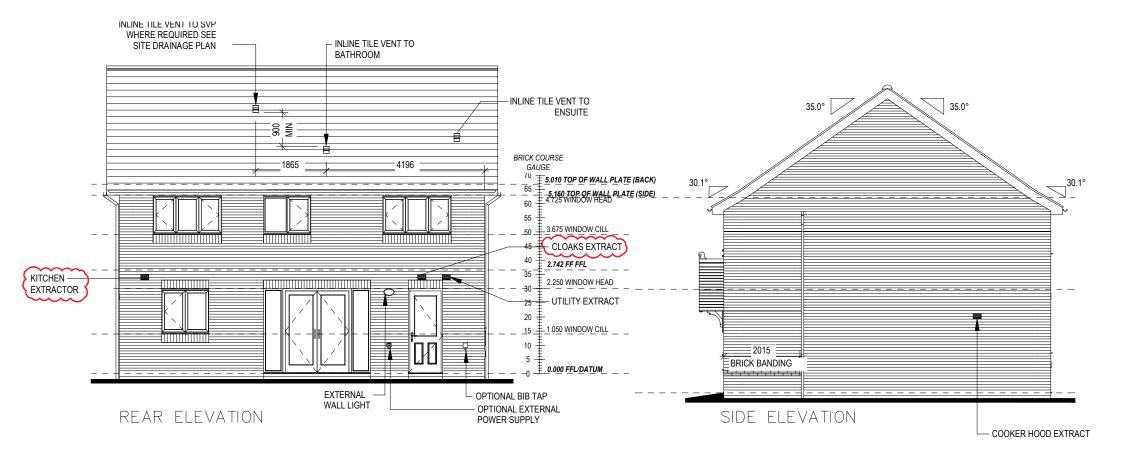
Section A-A

lappi REDROW

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.



NOTE: ALL WINDOWS AND PATIO DOORS TO ACHIEVE G-VALUE OF 0.48 AND U-VALUE OF 1.2



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Date

ALL WINDOWS AND DOORS TO COMPLY WITH SECURE BY DESIGN - PAS 24:2022. GLAZING IN ALL ACCESSIBLE WINDOWS HAVE ONE PANE OF TOUGHENED GLASS AND ONE PANE OF LAMINATE AS STIPULATED IN 24.12 OF SBD HOMES 24 -

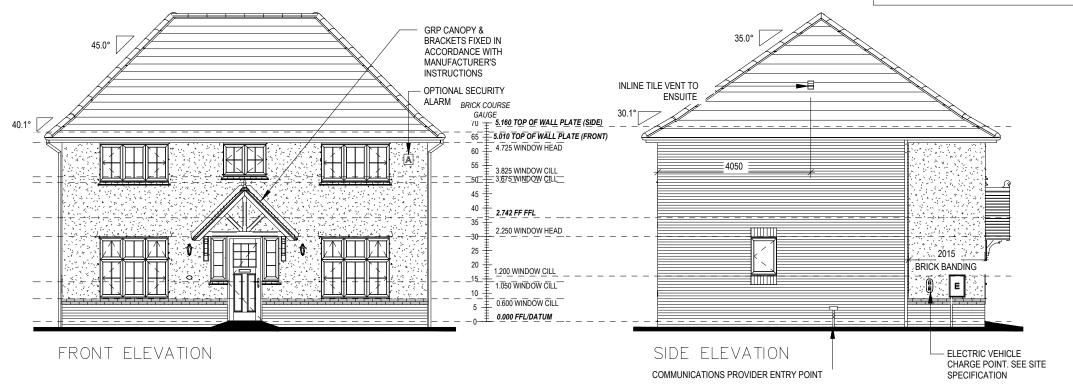
Elevations B1

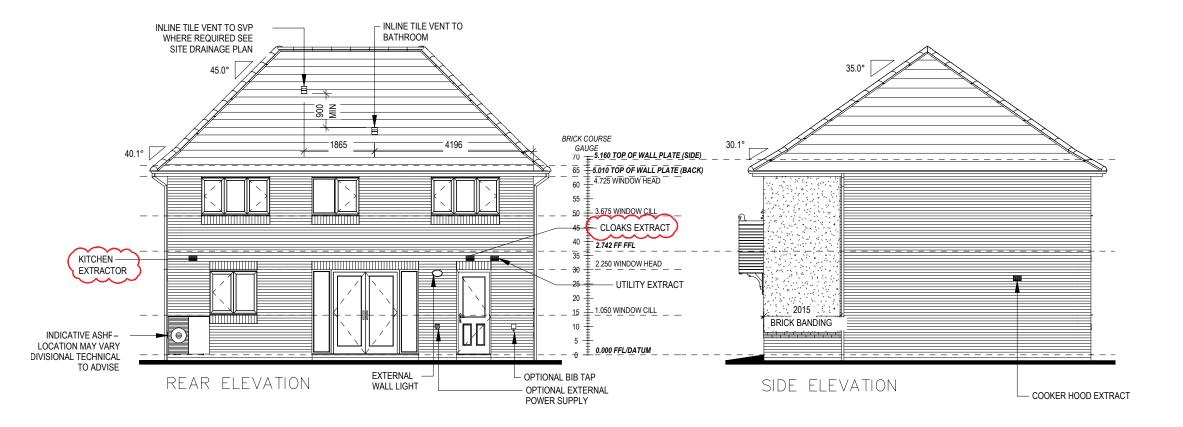
Harrogate

**⋄** REDROW

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.

NOTE: ALL WINDOWS AND PATIO DOORS TO ACHIEVE G-VALUE OF 0.48 AND U-VALUE OF 1.2 ALL WINDOWS AND DOORS TO COMPLY WITH SECURE BY DESIGN - PAS 24:2022. GLAZING IN ALL ACCESSIBLE WINDOWS HAVE ONE PANE OF TOUGHENED GLASS AND ONE PANE OF LAMINATE AS STIPULATED IN 24.12 OF SBD HOMES 24 -LAMINATED GLASS CERTIFICATED TO BS EN 356:2000 CLASS P1A, OR ABOVE, IS REQUIRED IN THE FOLLOWING AREAS: ANY WINDOW LOCATED WITHIN 400MM OF A DOOR SET (TO ENSURE THE INTEGRITY OF THE LOCKING SYSTEM) EASILY ACCESSIBLE EMERGENCY EGRESS WINDOWS WITH NON-LOCKABLE HARDWARE (A REQUIREMENT OF PAS 24:2022 AND PAS 24:2016\*) EASILY ACCESSIBLE ROOF LIGHTS WITH NON-LOCKABLE HARDWARE.





Off This Dwg No **402** Dwg Rev

Elevations A1

Glazing & SBD note added Extract added to Cloaks & Kitcher

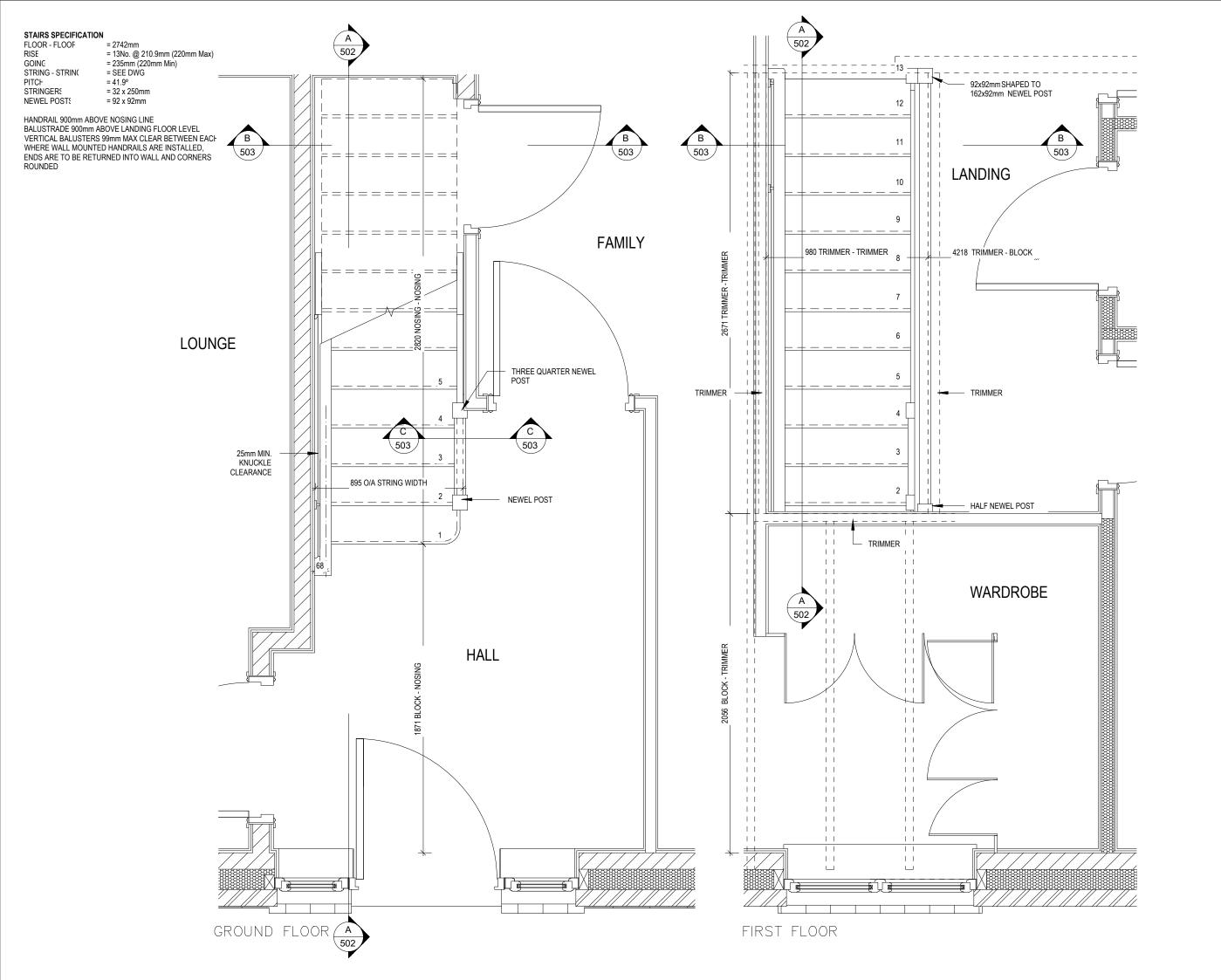
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Date

Harrogate



Dwg No **501** Dwg Rev 200 **Scale** 1 : 20 Harrogate

of

Staircase Details 1

Dwg No **502** Dwg Rev S **∼ Scale** 1:20 **Date** Jan 2023 Staircase Details 2 of 3 Harrogate **♥** REDROW

SECTION C-C

SECTION B-B Scale: 1:10 Scale: 1:10

92x92mm SHAPED TO 162x92mm NEWEL POST

NOSING PIECE

TRIMMER JOIST

50x50mm PACKING PIECES

15mm PLYWOOD PANEL CUT TO FOLLOW STRINGER AND DOOR FRAME

PINCLUDE A 10mm THICK PLY
PATTRESS ALONG FIXING BRACKET
LOCATION, ON 38x38mm SW
BATTENS BETWEEN STUDS

HANDRAIL SUPPORTED BY METAL BRACKETS SCREWED THROUGH TO

980 TRIMMER - TRIMMER

STAIR STRINGER

12.5mm WALLBOARD TO UNDERSIDE OF STAIR

18mm BETWEEN FACE OF STRINGER AND FACE OF JOIST

BLOCK -TRIMMER

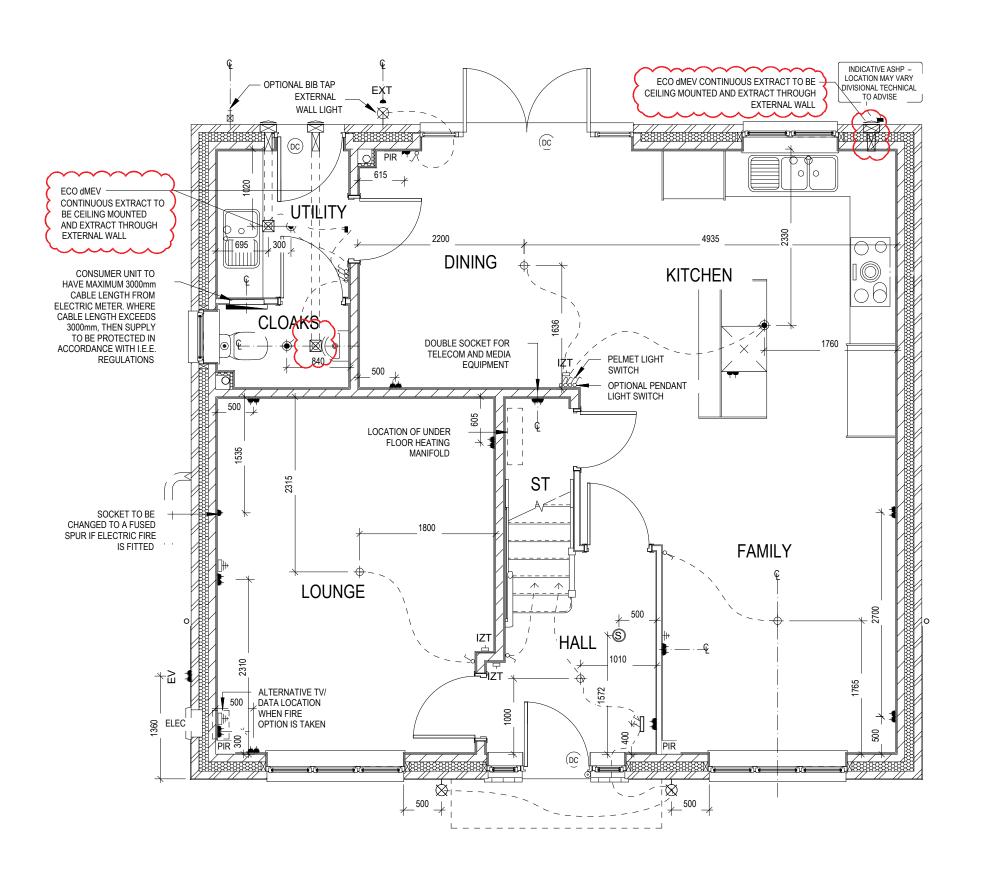
PLY PATTRESS

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TRIMMER JOIST

Dwg No **503** Dwg Rev 200 **Scale** 1 : 10 Staircase Details 3 of Harrogate

- 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
- USB 💈 DOUBLE S/W SOCKET OUTLET WITH DOUBLE USB SOCKET (FILLED AT LOW LEVEL, CLEAR AT HIGH LEVEL) USB ∹
- EV 🧵 ELECTRIC VEHICLE CHARGE POINT (SEE SITE SPECIFICATION)
- EXT **∉** EXTERNAL POWER SUPPLY (OPTIONAL)
- -П FUSED OUTLET (IMMERSION)
- ISOLATOR SWITCH
- SINGLE SWITCH, DOUBLE SWITCH, TRIPLE SWITCH
- 88 NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON 888 MULTIPLE PLATES
- COMBINED T.V., SATELLITE AND DATA POINT WITH OPTIONAL HIGH #[]
- T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL HIGH LEVEL
- OPTIONAL T.V. POINT WITH OPTIONAL DATA POINT AND OPTIONAL
- DATA POINT
- (S) SMOKE DETECTOR
- $\Theta$ HEAT DETECTOR
- SHAVER SOCKET s -(
- ROOM THERMOSTAT S -
- INDIVIDUAL ZONE THERMOSTAT IZT ⊕
- PROGRAMMER AND HOT WATER TIMER
- PT ∄ PROGRAMMABLE THERMOSTAT
- EXTERNAL WALL LIGHT FITTING WITH INTEGRAL DUSK TO DAWN
- EXTERNAL SURFACE MOUNTED BULKHEAD LIGHT FITTING TO 0
- 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 PIR (CUSTOMER OPTION)
- (DC DOOR CONTACT (CUSTOMER OPTION)



601 601 Dwg Rev Date Services | Floor arrogate

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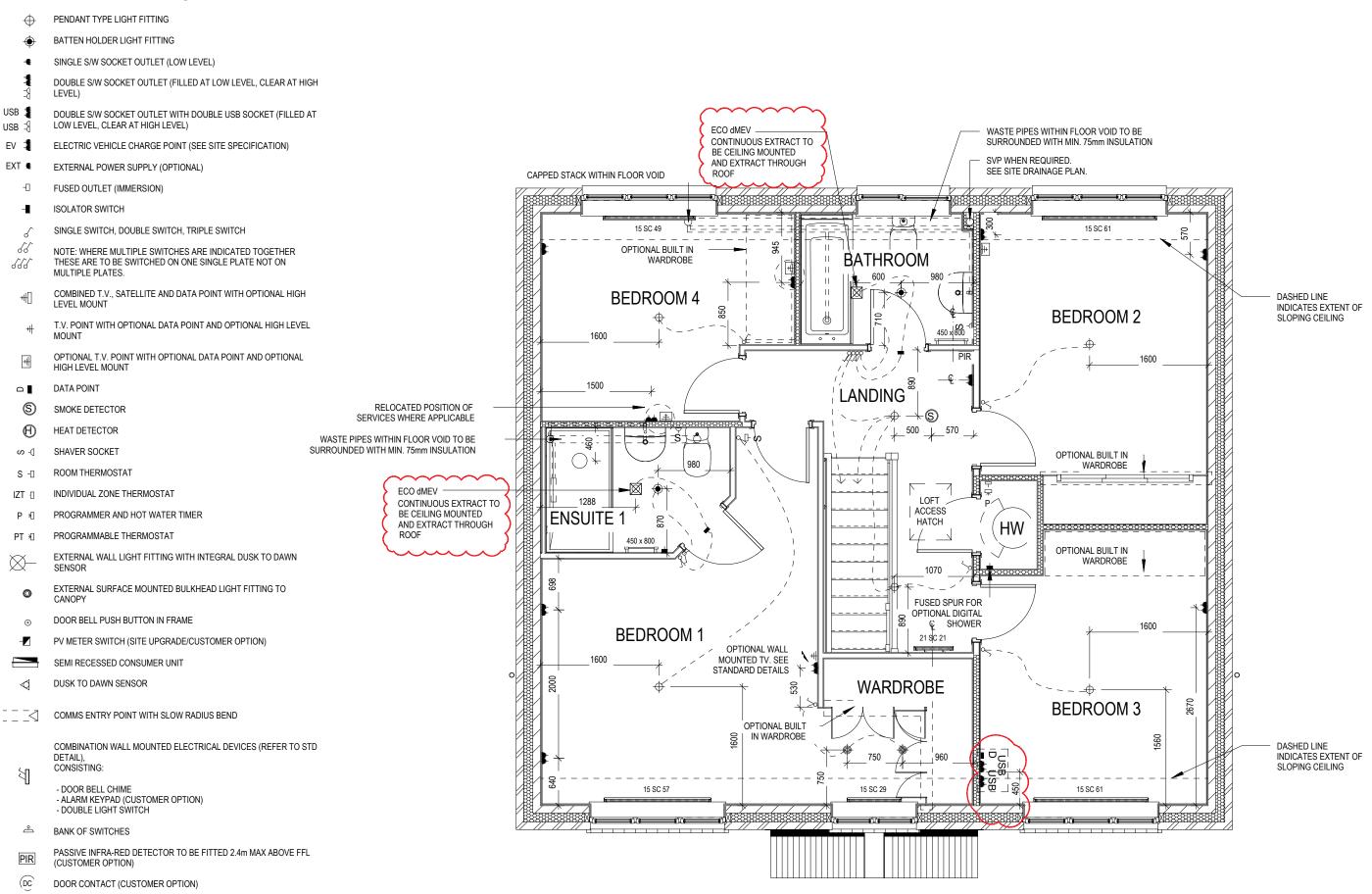
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**Scale** 1:50

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Layout

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602 602 Dwg Rev Date arrogate

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**Scale** 1:50

Layout First Floor

Services

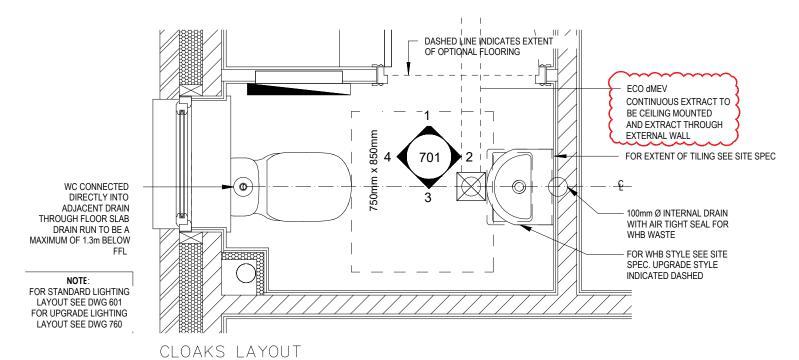
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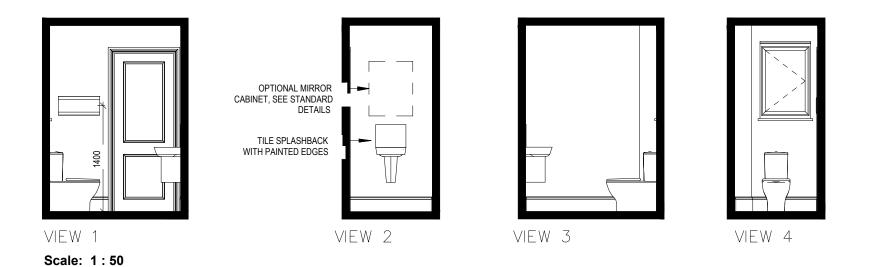
- ISOLATOR SWITCH
- OPTIONAL ELECTRIC UNDER FLOOR HEATING WITH CONTROLLER AND STAT
- SINGLE SWITCH
- DOUBLE SWITCH
- TRIPLE SWITCH

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

- SHAVER SOCKET S
- OPTIONAL DIGITAL SHOWER SWITCH



Scale: 1:20



Dwg No 701 Dwg Rev Harrogate

05.11.24

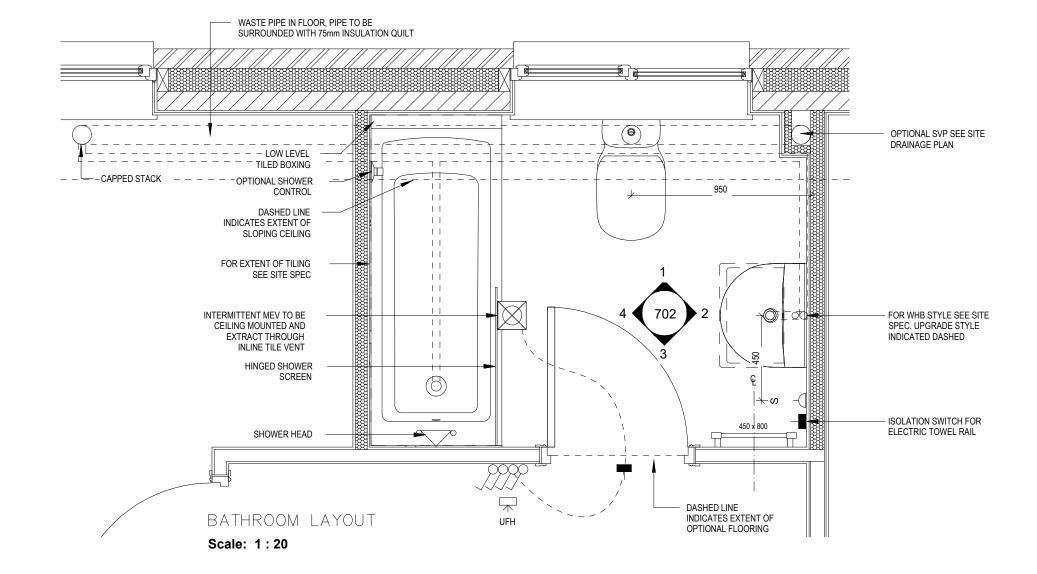
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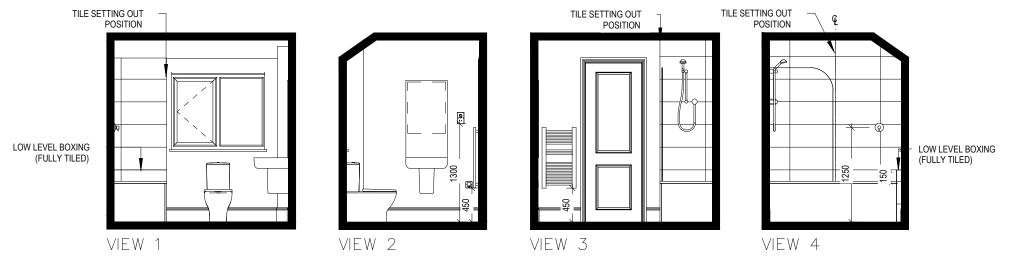
**Cloaks Details** 

- ISOLATOR SWITCH
- OPTIONAL ELECTRIC UNDER FLOOR HEATING WITH CONTROLLER AND STAT UFH
- SINGLE SWITCH
- DOUBLE SWITCH 88
- TRIPLE SWITCH

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

- SHAVER SOCKET S
- Di
- OPTIONAL DIGITAL SHOWER SWITCH





Scale: 1:50

Harrogate

**Bathroom Details** 

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Dwg No 702 Dwg Rev

S<sub>N</sub>

ISOLATOR SWITCH

OPTIONAL ELECTRIC UNDER FLOOR HEATING WITH CONTROLLER AND STAT UFH

SINGLE SWITCH

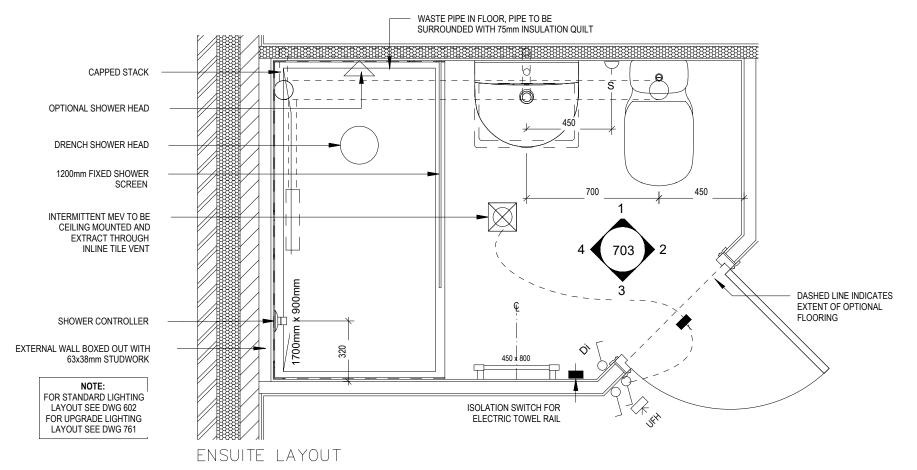
88 DOUBLE SWITCH

TRIPLE SWITCH 888

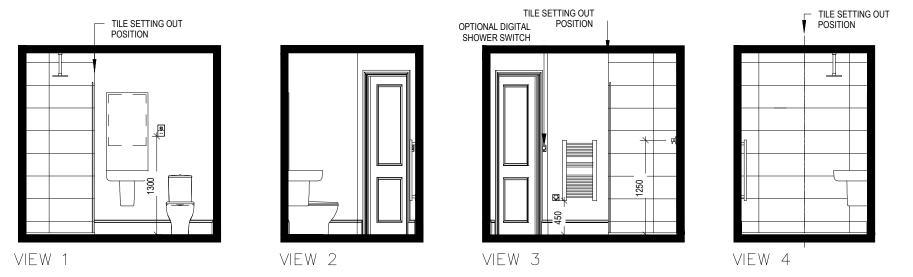
NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.

SHAVER SOCKET S

OPTIONAL DIGITAL SHOWER SWITCH



Scale: 1:20



Scale: 1:50

Dwg No 703 Dwg Rev

82

**Ensuite Details** 

Harrogate

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- FUSED OUTLET (IMMERSION)

ISOLATOR SWITCH

SINGLE SWITCH

SO DOUBLE SWITCH

STRIPLE SWITCH

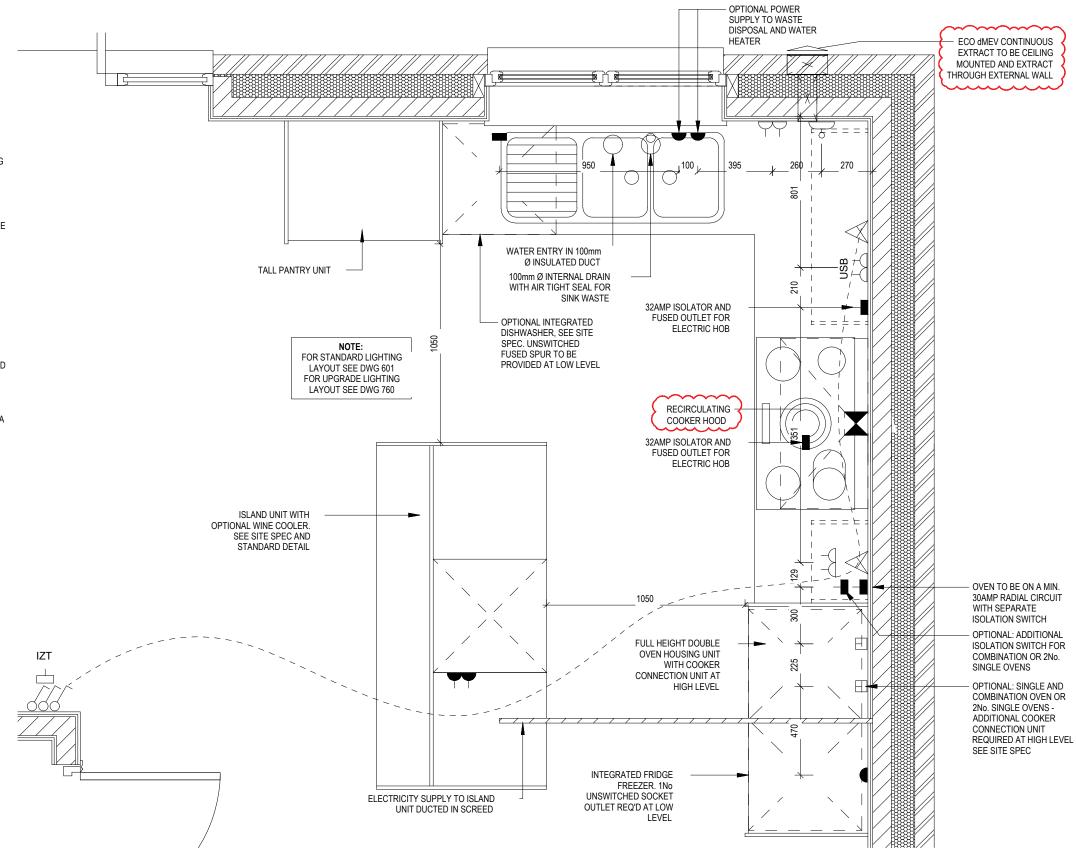
NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.

- 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 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

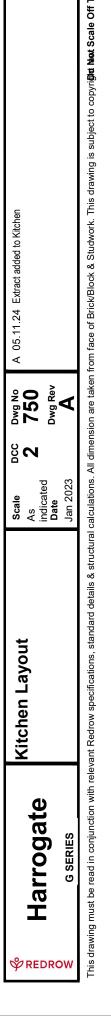
P 1 PROGRAMMER & HOT WATER TIMER

PT ∜□ PROGRAMMABLE THERMOSTAT



KITCHEN LAYOUT

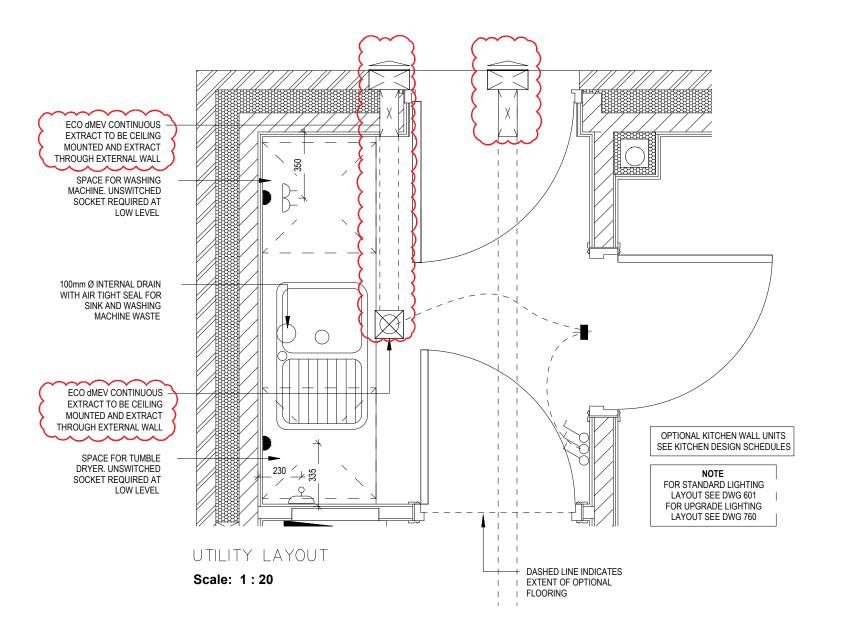
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- FUSED OUTLET (IMMERSION)
- ISOLATOR SWITCH
- SINGLE SWITCH
- O DOUBLE SWITCH
- TRIPLE SWITCH

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 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
- P ⋊ PROGRAMMER & HOT WATER TIMER
- PT 汩 PROGRAMMABLE THERMOSTAT



Dwg No 751 Dwg Rev S N **Utility Layout** Harrogate

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OPTIONAL PENDANT LIGHT FITTING

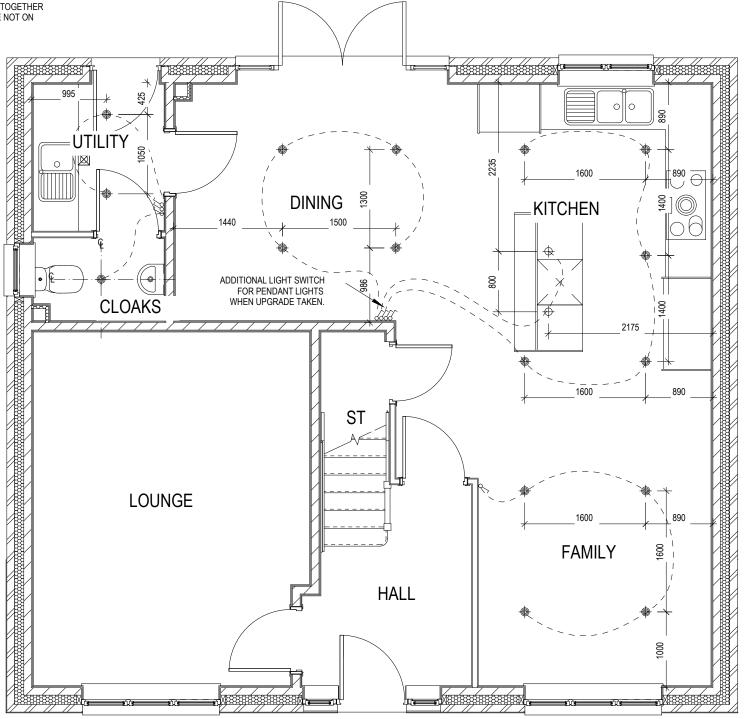
SINGLE SWITCH

O DOUBLE SWITCH

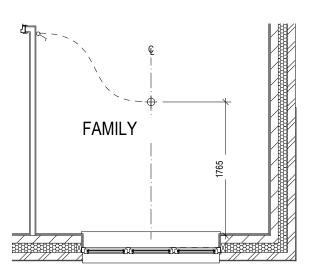
SSS TRIPLE SWITCH

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.



OPTIONAL LAYOUT



SHOW HOME LAYOUT

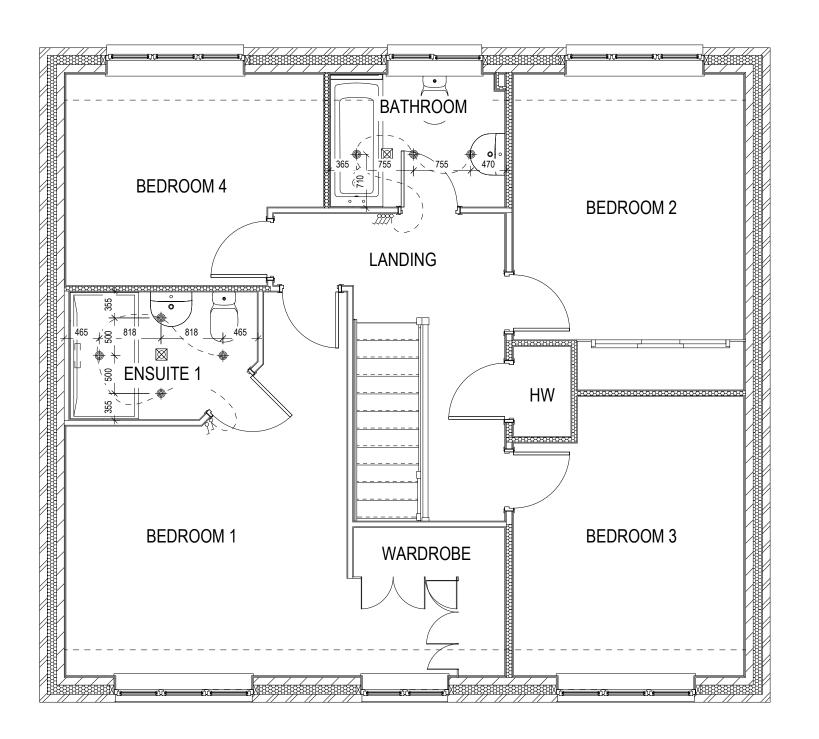
Optional Lighting Layout Ground Floor

200

Harrogate

- OPTIONAL LOW VOLTAGE DOWNLIGHTER FITTING
- ◆ OPTIONAL PENDANT LIGHT FITTING
- SINGLE SWITCH
- of DOUBLE SWITCH
- SSS 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.



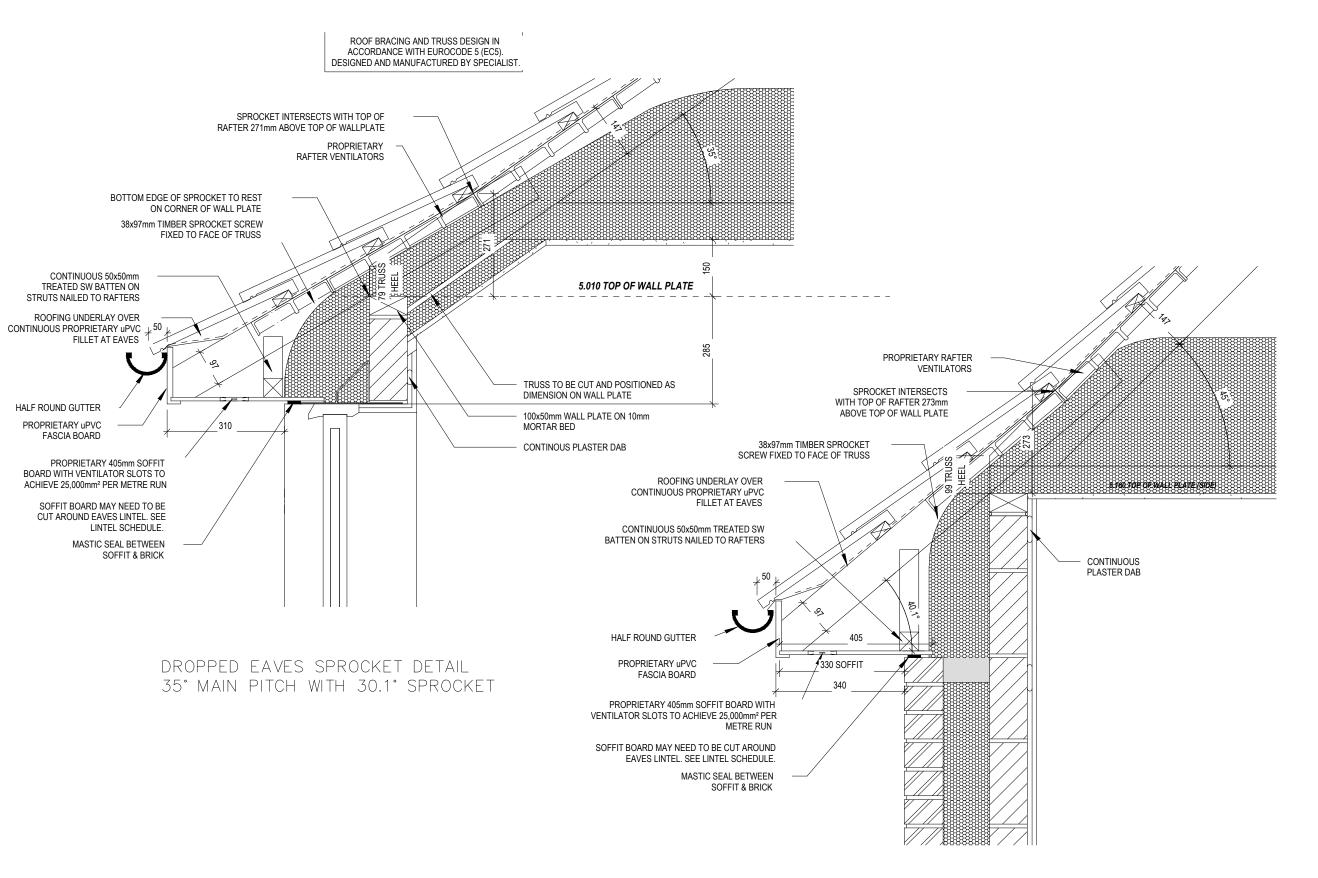
Optional Lighting Layout First Floor

Dwg No 761 Dwg Rev

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Harrogate series

**⇔** REDROW



EAVES SPROCKET DETAIL 45° MAIN PITCH WITH 40.1° SPROCKET **Non-Standard Eaves Details** Harrogate

**801** Dwg Rev

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