Sales Name

Grantham

8687G_GRAN_MM1.A, 8687G_GRAN_EM1.A 8687G_GRAN_SM1.A

1226 ft² 113.8 m²

Release Date Feb 2025

Edition **G** Series



	Sheet			
Sheet Title	No.	Rev.	Rev. Date	Rev. Description
Foundation Plan RC Slab Layout	150			•
Foundation Plan / Beam & Block Layout	151			
Slab Penetration Layout	160	Α	07.05.24	Sleeper walls added
Jetfloor Layout Ground Floor	170			
Structural Layout Ground Floor	201	С	23.09.24	SBD & window note added
Structural Layout First Floor	202	В	23.09.24	SBD & window note added
Structural Layout Second Floor	203	В	23.09.24	SBD & window note added
Structural Layout Ground Floor - Opp	211	C	23.09.24	SBD & window note added
Structural Layout First Floor - Opp	212	В	23.09.24	SBD & window note added
Structural Layout Second Floor - Opp	213	В	23.09.24	SBD & window note added
Section A-A Brick	301	-	-	
levations B1	401	С	05.11.24	Extract added to cloaks & kitchen
Elevations A2	402		00	
levations B2	403			
taircase Details 1 of 2	501		-	
Staircase Details 2 of 32	502		_	
Staircase Details 3 of 3	503		_	
oist Layout	550			
oist Layout Second Floor	551			
Cassette Roof Layout Roof Space	560			
Cassette Roof Details Roof Space	561			
Cassette Roof Layout Smart Roof	570			
Services Layout Ground Floor	601	В	05.11.24	Extract added to cloaks & kitchen
Services Layout First Floor	602	A	14.06.24	Notes added
Services Layout Second Floor	603	A	14.06.24	Notes added. Boiler omitted
Services Layout Ground Floor - Mid	604	A	05.11.24	Extract added to cloaks & kitchen
Services Layout First Floor - Mid	605	-	-	Extract dated to state a mane.
Services Layout Second Floor - Mid	606	_	-	
Services Layout Ground Floor - Opp	611	В	05.11.24	Extract added to cloaks & kitchen
Services Layout First Floor - Opp	612	A	14.06.24	Notes added
Services Layout Second Floor - Opp	613	A	14.06.24	Notes added. Boiler omitted
Heating & Plumbing Schedule	650			
Heating Layout Ground, First & Second Floor	651			
Plumbing Layout 1 of 2	652			
Plumbing Layout 2 of 2	653			
Cloaks Details	701	В	05.11.24	Extract added to cloaks & kitchen
athroom Details	702	A	14.06.24	Note added.
Insuite Details	703	A	14.06.24	Note added.
itchen Layout	750	C	05.11.24	Extract added to cloaks & kitchen
Optional Lighting Layout Ground & First Floor	760	A	14.06.24	Radiators removed
Optional Lighting Layout Second Floor	761	A	14.06.24	Boiler omitted
Non-Standard Eaves Detail	801	-	-	

		TRADE		DISTRIBUTION LIST]		≝	Ιμ						ſ
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	00	60	50	00	70	50	00	60	50	00	10	-00	00	00	50
Ground Worker															
Bricklayer															
Windows															
Joiner															
Roofer															
Electrician															
Plumber															
Plasterer															
Tiler															
Mastic															
Renderer															
Landscaping															
Recon Stone															
Scaffolder															
Lintels															
Metalworker															
GRP															
Decorator															
PV Solar Panels															
Floor Coverings															
Loft Insulation															
Cleaning															
Alarm															
Garage Door															
Safety Scaffold															
Screed															
PCC Floor															
Wall Insulation															
Frame/Timber															
Steel Balconies															
Wardrobes															
Sup/Fit Kitchens															
Sup/Fit Appliance															
Fire Surrounds															
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Plots 615, 617, 637, 639 (As) Plots 616, 618, 636, 638 (Opp)

Nethermayne

Site Code

8688

4b



Group Design & Technical Department Redrow Group Services, Redrow House Flintshire, CH5 3RX Tel: 01244 520044

GENERAL NOTES:

SETTING OUT:

ALL DIMENSIONS ARE TAKEN FROM BRICKWORK/BLOCKWORK FACE AND CENTRE OF SLAB PENETRATION.

GAS PROTECTION: IF GAS PROTECTION IS REQUIRED, REFER TO STANDARD DETAILS.

WC CONNECTION:

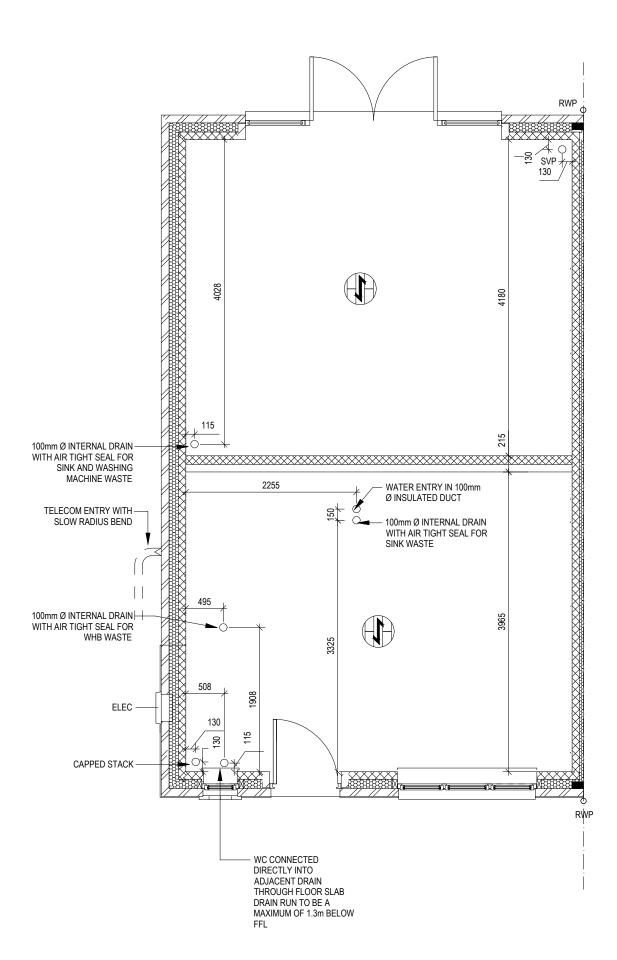
WHERE WASTE FROM CLOAKS WC CANNOT BE CONNECTED DIRECTLY INTO DRAIN (WHERE FLOOR LEVEL TO INVERT LEVEL IS IN EXCESS OF 1.30m), THEN WC TO BE CONNECTED TO STUB STACK AND FITTED WITH AN AIR ADMITTANCE VALVE. SEE 'REDROW INTERNAL DRAINAGE GUIDANCE NOTES' FOR FURTHER DETAILS.

DRAINAGE:

SEE SITE DRAINAGE PLAN FOR ACTUAL POSITIONS OF RWP'S, GULLIES & MANHOLES.

PERISCOPIC VENTS:

PERISCOPIC VENTILATORS TO PROVIDE NOT LESS THAN EITHER:-1500mm²/m RUN OF EXTERNAL WALL OR, 500mm²/m² GROUND FLOOR AREA, WHICHEVER IS THE GREATER OPENING AREA. TWO OPPOSING WALLS TO HAVE EQUAL VENTILATION AREA. EACH VENT TO HAVE MINIMUM 6000mm² CLEAR VENTILATION



A Sleeper wall added 07.05.24 Rev Description Date **Grantham G SERIES** DCC Dwg Rev Dwg No 3 160 Α Drawing Title **Slab Penetration** Layout Scale 1:50 July 2019 **⋄** REDROW

SETTING OUT:

ALL DIMENSIONS ARE TAKEN FROM BRICKWORK/BLOCKWORK FACE AND

REFER TO MANUFACTURER'S SCHEDULE FOR REFERENCES AND SIZES.

DRAINAGE:

SEE SITE DRAINAGE PLAN FOR ACTUAL POSITIONS OF RWPS GULLIES & MANHOLES.

CHECK WITH SITE DRAINAGE PLAN TO DETERMINE LOCATION OF SOIL STACKS TO BE VENTED TO AIR.

INTERNAL DRAINAGE:

ALL SVP BOXING OUT TO INCORPORATE 25mm SOUND INSULATION. HORIZONTAL SVP'S IN FLOOR VOIDS TO BE SURROUNDED WITH 75mm INSULATION QUILT.

GENERAL:

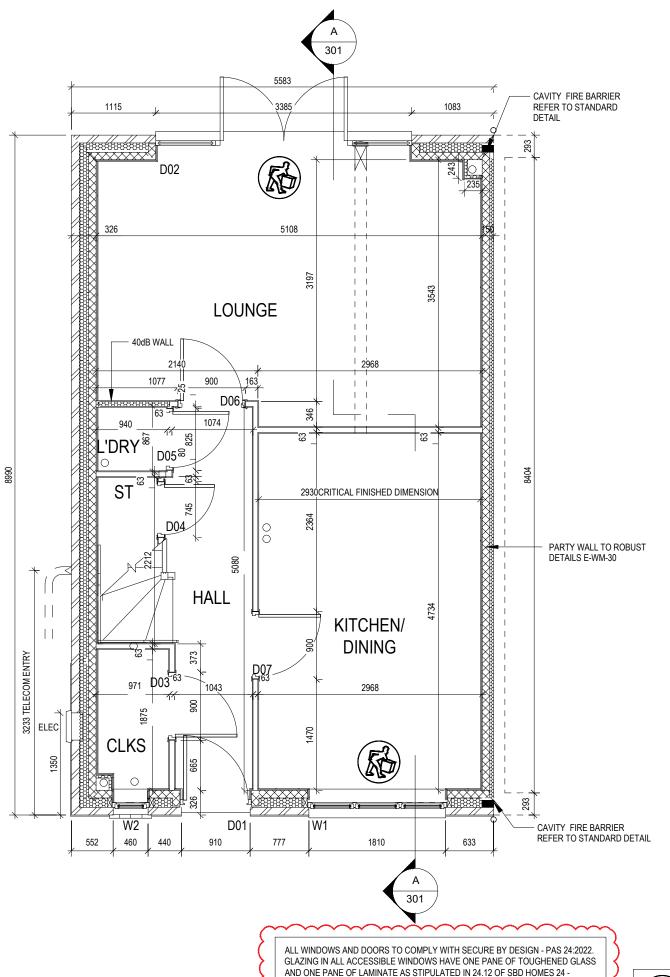
CONSTRUCTION PACK TO BE READ IN CONJUNCTION WITH GENERAL SPECIFICATION, STANDARD DETAILS AND STRUCTURAL CALCULATIONS.

MINIMUM 10mm AIR GAP TO BE LEFT BELOW ALL INTERNAL DOORS AFTER FINAL FLOOR FINISH HAS BEEN LAID.

CONCRETE COURSE TO ALL MASONRY WALLS DIRECTLY BELOW JOISTS

BLOCK LEGEND

BLOCKWORK	SIZE (mm)	COMPRESSIVE STRENGTH (N/mm²)	DENSITY (Kg/m³)	LAMBDA (λ)
<xxxxx< td=""><td>100</td><td>7.3</td><td>750</td><td>0.19</td></xxxxx<>	100	7.3	750	0.19
	100	3.6	600	0.15



LAMINATED GLASS CERTIFICATED TO BS EN 356:2000 CLASS P1A, OR ABOVE, IS

REQUIRED IN THE FOLLOWING AREAS: ANY WINDOW LOCATED WITHIN 400MM OF

ACCESSIBLE EMERGENCY EGRESS WINDOWS WITH NON-LOCKABLE HARDWARE

(A REQUIREMENT OF PAS 24:2022 AND PAS 24:2016*) EASILY ACCESSIBLE ROOF

A DOOR SET (TO ENSURE THE INTEGRITY OF THE LOCKING SYSTEM) EASILY

LIGHTS WITH NON-LOCKABLE HARDWARE.

NOTE: ALL WINDOWS AND PATIO

AND U-VALUE OF 1.2

DOORS TO ACHIEVE G-VALUE OF 0.48

			Windo	w Schedule			
Ref	Frame Width	Frame Height	Int Block Opening	Comments	Type Comments	P1A - Glazing	PAS 24 - Locking
W1	1835	1340	1845			Yes	Yes
W2	485	665	495	OBSCURE		Yes	Yes
W3	1835	1190	1845			-	-
W4	1273	890	1283	OBSCURE		-	-
W5	1273	1190	1283			-	-
W6	1835	1190	1845			-	-

Dormer

Rooflight

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.

1258

560

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

1040

980

WHOLE HOUSE TRICKLE VENTILATION REQUIREMENT STATED ON VENTILATION DRAWING

ALL WINDOWS TO ACHIEVE 0.48 G-VALUE AND 1.2 U-VALUE

W7

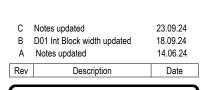
W8

1248

550

		Do	oor Sched	ule - Ext	ernal	
Ref	Frame Width	Int Block Opening	Height	Model	P1A - Glazing	PAS 24 - Locking
D01	935	975	2250	HED02	Yes	Yes
D02	3375	3385	2250	HRD21	Yes	Yes

	Door	Schedule - In	iternal	
Ref	Width	Height	Fire Rating	Code
D03	900	2150		HID2
D04	745	1000	FD30	ID15
D05	825	2150	FD30	HID3
D06	900	2150	FD30	HID2
D07	900	2150	FD30	HID2
D08	825	2150		HID3
D09	825	2150	FD30	HID3
D10	825	2150	FD30	HID3
D11	825	2150	FD30	HID3
D12	825	2150	FD30	HID3
D14	825	2031	FD30	ID2
D15	825	2031	FD30	ID2
D16	825	2031		ID2



Grantham

G SERIES DCC Dwg Rev Dwg No 201 C

Drawing Title **Structural Layout Ground Floor**

Scale 1:50 July 2023





USE MECHANICAL EQUIPMENT, TWO MAN LIFT AND TRAIN IN KINETIC HANDLING SEE SCHEDULE FOR WEIGHT.

SETTING OUT:

ALL DIMENSIONS ARE TAKEN FROM BRICKWORK/BLOCKWORK FACE AND

REFER TO MANUFACTURER'S SCHEDULE FOR REFERENCES AND SIZES.

DRAINAGE:

SEE SITE DRAINAGE PLAN FOR ACTUAL POSITIONS OF RWPS GULLIES & MANHOLES.

CHECK WITH SITE DRAINAGE PLAN TO DETERMINE LOCATION OF SOIL STACKS TO BE VENTED TO AIR.

INTERNAL DRAINAGE:

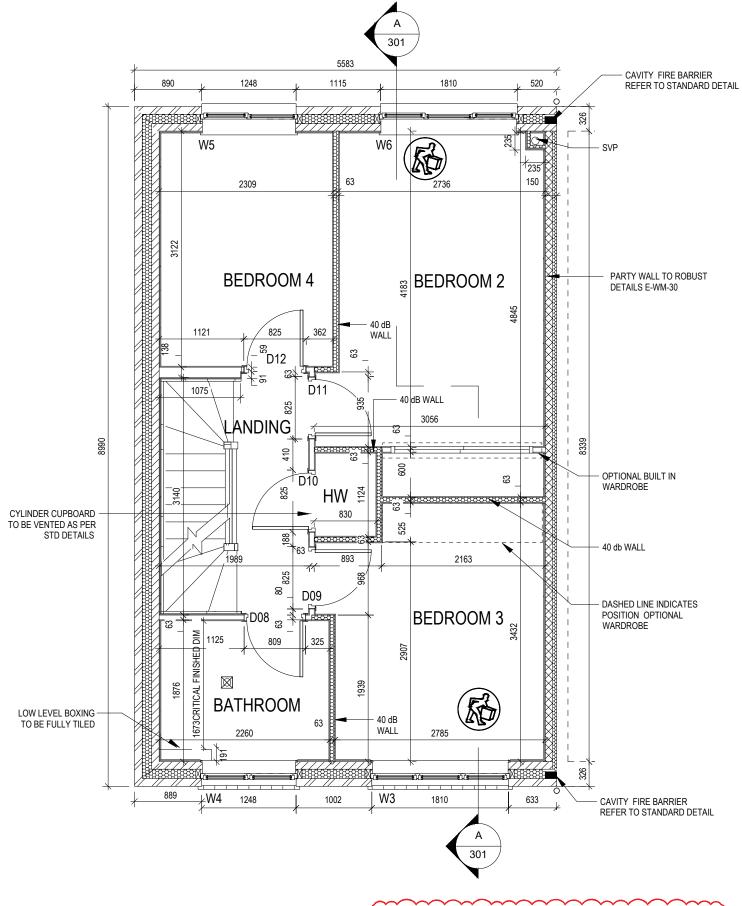
ALL SVP BOXING OUT TO INCORPORATE 25mm SOUND INSULATION. HORIZONTAL SVP'S IN FLOOR VOIDS TO BE SURROUNDED WITH 75mm INSULATION QUILT.

GENERAL:

CONSTRUCTION PACK TO BE READ IN CONJUNCTION WITH GENERAL SPECIFICATION, STANDARD DETAILS AND STRUCTURAL CALCULATIONS.

MINIMUM 10mm AIR GAP TO BE LEFT BELOW ALL INTERNAL DOORS AFTER FINAL FLOOR FINISH HAS BEEN LAID.

CONCRETE COURSE TO ALL MASONRY WALLS DIRECTLY BELOW JOISTS



AND U-VALUE OF 1.2

BLOCK LEGEND

BLOCKWORK	SIZE (mm)	COMPRESSIVE STRENGTH (N/mm²)	DENSITY (Kg/m³)	LAMBDA (λ)
< XXXXX	100	7.3	750	0.19
7///	100	3.6	600	0.15

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 NOTE: ALL WINDOWS AND PATIO ACCESSIBLE EMERGENCY EGRESS WINDOWS WITH NON-LOCKABLE HARDWARE DOORS TO ACHIEVE G-VALUE OF 0.48 (A REQUIREMENT OF PAS 24:2022 AND PAS 24:2016*) EASILY ACCESSIBLE ROOF LIGHTS WITH NON-LOCKABLE HARDWARE.

ALL WINDOWS AND DOORS TO COMPLY WITH SECURE BY DESIGN - PAS 24:2022.

MAN HANDLING-STEEL AND LINTEL

USE MECHANICAL EQUIPMENT, TWO MAN LIFT AND TRAIN IN KINETIC HANDLING SEE SCHEDULE FOR WEIGHT.

Window Schedule PAS 24 -Frame Int Block Type P1A -Comments Comments Height Glazing Locking Opening 1340 1845 Yes Yes OBSCURE 665 495 Yes Yes 1190 1845 890 1283 OBSCURE 1190 1283 1190 1845

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.

Dormer

Rooflight

1258

560

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

1040

980

WHOLE HOUSE TRICKLE VENTILATION REQUIREMENT STATED ON VENTILATION DRAWING

ALL WINDOWS TO ACHIEVE 0.48 G-VALUE AND 1.2 U-VALUE

Frame

Width

1835

485

1835

1273

1273

1835

1248

550

Ref

W1

W2

W3

W4

W5

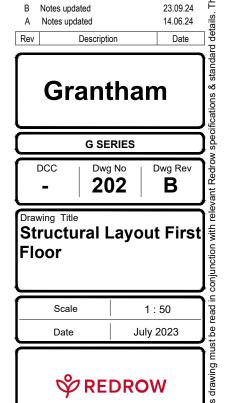
W6

W7

W8

	Door	Schedule - In	ternal	
Ref	Width	Height	Fire Rating	Code
D03	900	2150		HID2
D04	745	1000	FD30	ID15
D05	825	2150	FD30	HID3
D06	900	2150	FD30	HID2
D07	900	2150	FD30	HID2
D08	825	2150		HID3
D09	825	2150	FD30	HID3
D10	825	2150	FD30	HID3
D11	825	2150	FD30	HID3
D12	825	2150	FD30	HID3
D14	825	2031	FD30	ID2
D15	825	2031	FD30	ID2
D16	825	2031		ID2

D13 - OMITTED



SETTING OUT:

ALL DIMENSIONS ARE TAKEN FROM BRICKWORK/BLOCKWORK FACE AND STILDWORK

LINTELS

REFER TO MANUFACTURER'S SCHEDULE FOR REFERENCES AND SIZES.

DRAINAGE:

SEE SITE DRAINAGE PLAN FOR ACTUAL POSITIONS OF RWPS GULLIES & MANHOLES.

CHECK WITH SITE DRAINAGE PLAN TO DETERMINE LOCATION OF SOIL STACKS TO BE VENTED TO AIR.

INTERNAL DRAINAGE:

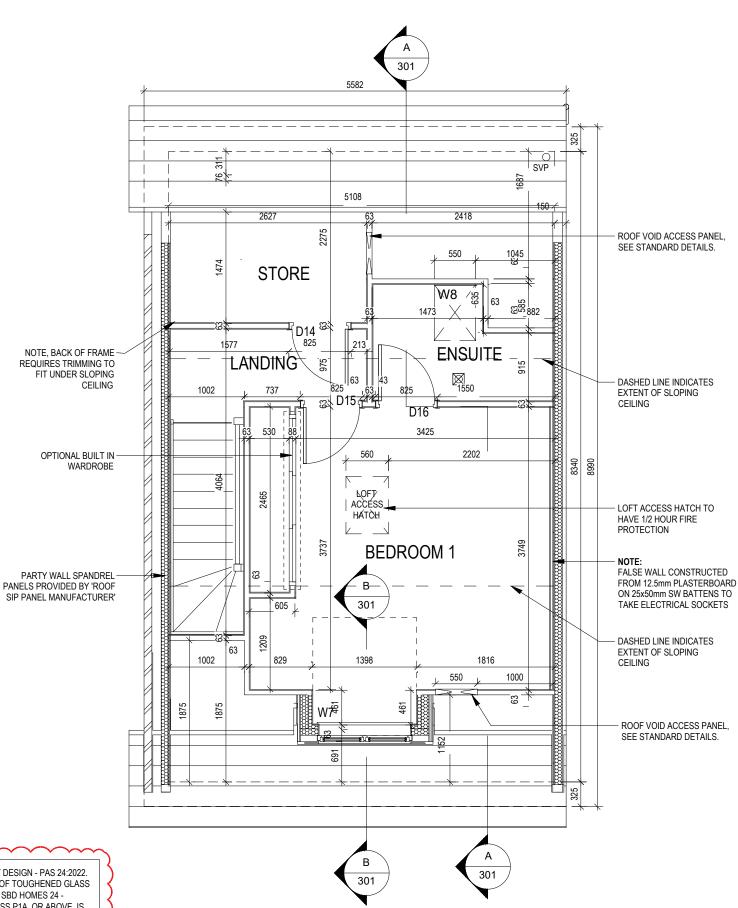
ALL SVP BOXING OUT TO INCORPORATE 25mm SOUND INSULATION. HORIZONTAL SVP'S IN FLOOR VOIDS TO BE SURROUNDED WITH 75mm INSULATION QUILT.

GENERAL:

CONSTRUCTION PACK TO BE READ IN CONJUNCTION WITH GENERAL SPECIFICATION, STANDARD DETAILS AND STRUCTURAL CALCULATIONS.

MINIMUM 10mm AIR GAP TO BE LEFT BELOW ALL INTERNAL DOORS AFTER FINAL FLOOR FINISH HAS BEEN LAID.

CONCRETE COURSE TO ALL MASONRY WALLS DIRECTLY BELOW JOISTS



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.

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

		Wir	ndow Schedule)		
Ref	Height	Width	Int Block Opening	Comments	P1A - Glazing	PAS 24 - Locking
W1	1350	1810	1845		Yes	Yes
W2	675	460	495	OBSCURE	Yes	Yes
W3	1200	1810	1845		No	No
W4	900	1248	1283	OBSCURE	No	No
W5	1200	1248	1283		No	No
W6	1200	1810	1845		No	No
W7	1050	1223	1258	Dormer	No	No
W8	990	525	560		No	No

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.

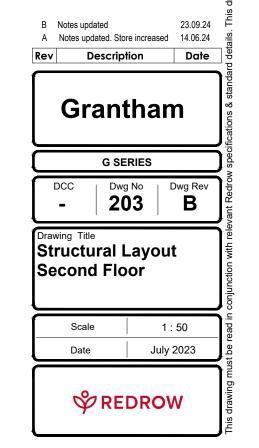
ALL WINDOWS TO BE SAFE CLEAN IN ACCORDANCE WITH B.S. 8213.

WHOLE HOUSE TRICKLE VENTILATION REQUIREMENT STATED ON VENTILATION DRAWING

ALL WINDOWS TO ACHIEVE 0.48 G-VALUE AND 1.2 U-VALUE

	Door	Schedule - In	ternal	
Ref	Width	Height	Fire Rating	Code
D03	900	2150		HID2
D04	725	1000	FD30	ID15
D05	825	2150	FD30	HID3
D06	900	2150	FD30	HID2
D07	900	2150		HID2
D08	825	2150		HID3
D09	825	2150	FD30	HID3
D10	825	2150	FD30	HID3
D11	825	2150	FD30	HID3
D12	825	2150	FD30	HID3
D14	825	2031	FD30	ID2
D15	825	2031	FD30	ID2
D16	825	2031		ID2

D13 - OMITTED





USE MECHANICAL EQUIPMENT, TWO MAN LIFT AND TRAIN IN KINETIC HANDLING SEE SCHEDULE FOR WEIGHT.

SETTING OUT:

ALL DIMENSIONS ARE TAKEN FROM BRICKWORK/BLOCKWORK FACE AND STILDWORK

LINTELS

REFER TO MANUFACTURER'S SCHEDULE FOR REFERENCES AND SIZES.

DRAINAGE:

SEE SITE DRAINAGE PLAN FOR ACTUAL POSITIONS OF RWPS GULLIES & MANHOLES.

CHECK WITH SITE DRAINAGE PLAN TO DETERMINE LOCATION OF SOIL STACKS TO BE VENTED TO AIR.

INTERNAL DRAINAGE:

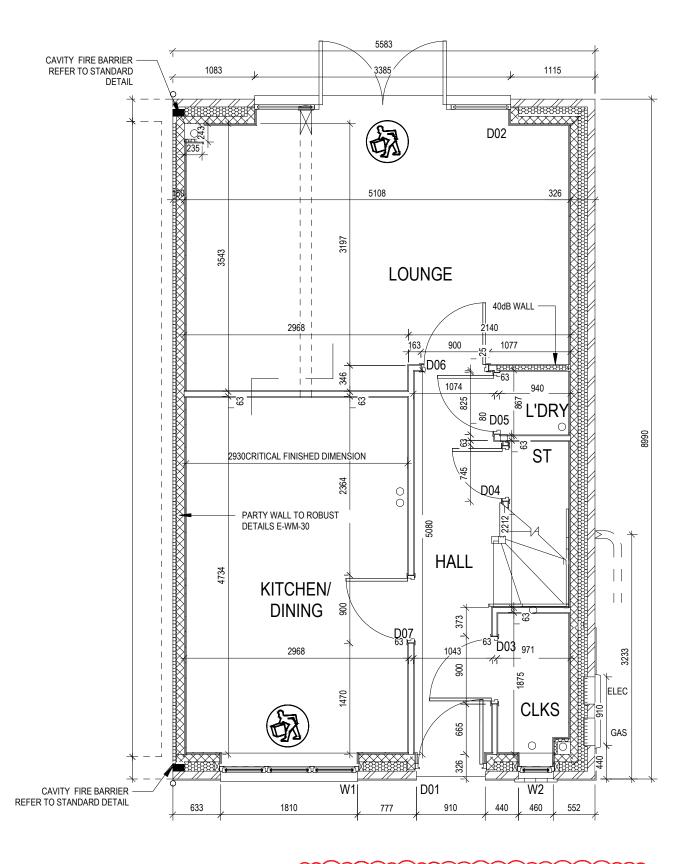
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GENERAL:

CONSTRUCTION PACK TO BE READ IN CONJUNCTION WITH GENERAL SPECIFICATION, STANDARD DETAILS AND STRUCTURAL CALCULATIONS.

MINIMUM 10mm AIR GAP TO BE LEFT BELOW ALL INTERNAL DOORS AFTER FINAL FLOOR FINISH HAS BEEN LAID.

CONCRETE COURSE TO ALL MASONRY WALLS DIRECTLY BELOW JOISTS



NOTE: ALL WINDOWS AND PATIO

AND U-VALUE OF 1.2

DOORS TO ACHIEVE G-VALUE OF 0.48

BLOCK LEGEND

BLOCKWORK	SIZE (mm)	COMPRESSIVE STRENGTH (N/mm²)	DENSITY (Kg/m³)	LAMBDA (\lambda)
ZXXXX	100	7.3	750	0.19
	100	3.6	600	0.15

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.

Int Block P1A -PAS 24 -Comments Ref Width Height Opening Glazing Locking W1 1350 1810 1845 Yes Yes OBSCURE 675 495 W2 460 Yes Yes 1810 W3 1200 1845 No No W4 900 1248 1283 OBSCURE No No W5 1200 1248 1283 No No 1810 W6 1200 1845 No No W7 1050 1223 1258 Dormer No No W8 990 525 560 Rooflight No No

Window Schedule

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.

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

WHOLE HOUSE TRICKLE VENTILATION REQUIREMENT STATED ON VENTILATION DRAWING

ALL WINDOWS TO ACHIEVE 0.48 G-VALUE AND 1.2 U-VALUE

		Do	oor Sched	ule - Ext	ernal	
Ref	Frame Width	Int Block Opening	Height	Model	P1A - Glazing	PAS 24 - Locking
D01	935	975	2250	HED02	Yes	Yes
D02	3375	3385	2250	HRD21	Yes	Yes

Ref	Width	Height	Fire Rating	Code
D03	900	2150		HID2
D04	745	1000	FD30	ID15
D05	825	2150	FD30	HID3
D06	900	2150	FD30	HID2
D07	900	2150	FD30	HID2
D08	825	2150		HID3
D09	825	2150	FD30	HID3
D10	825	2150	FD30	HID3
D11	825	2150	FD30	HID3
D12	825	2150	FD30	HID3
D10	825	2001	FD00	ID2
D14	825	2031	FD30	ID2
D15	825	2031	FD30	ID2
כום	0_0			

C Notes updated 23.09.24
B D01 Int Block width updated 18.09.24
A Notes updated 14.06.24

Rev Description Date

Grantham

DCC | Dwg No | Dwg Rev | C

Structural Layout
Ground Floor - Opp

OP

Scale 1 : 50

Date July 2023





USE MECHANICAL EQUIPMENT, TWO MAN LIFT AND TRAIN IN KINETIC HANDLING SEE SCHEDULE FOR WEIGHT.

SETTING OUT:

ALL DIMENSIONS ARE TAKEN FROM BRICKWORK/BLOCKWORK FACE AND STILDWORK

LINTELS

REFER TO MANUFACTURER'S SCHEDULE FOR REFERENCES AND SIZES.

DRAINAGE:

SEE SITE DRAINAGE PLAN FOR ACTUAL POSITIONS OF RWPS GULLIES & MANHOLES.

CHECK WITH SITE DRAINAGE PLAN TO DETERMINE LOCATION OF SOIL STACKS TO BE VENTED TO AIR.

INTERNAL DRAINAGE:

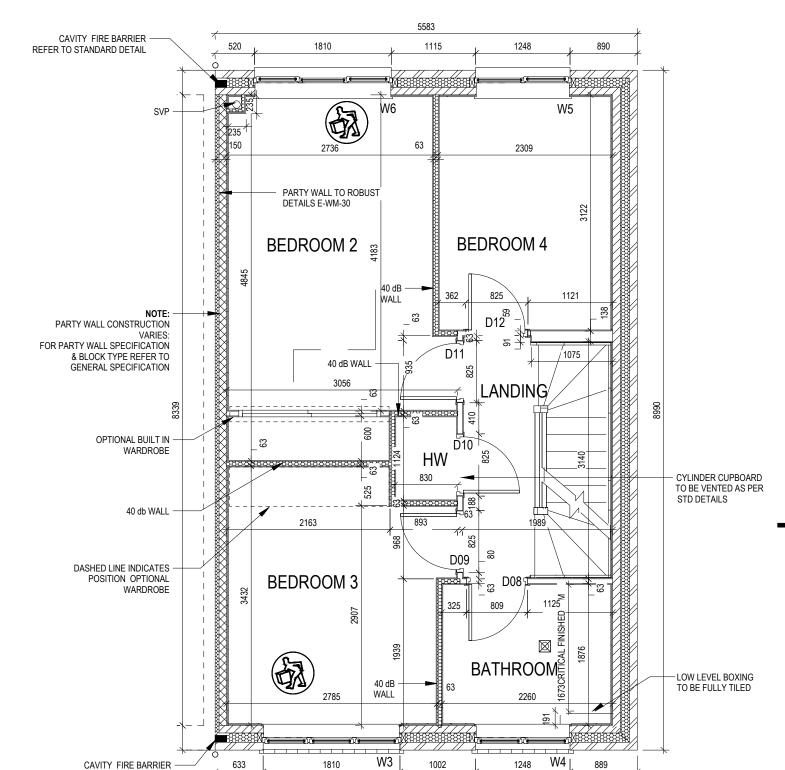
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GENERAL:

CONSTRUCTION PACK TO BE READ IN CONJUNCTION WITH GENERAL SPECIFICATION, STANDARD DETAILS AND STRUCTURAL CALCULATIONS.

MINIMUM 10mm AIR GAP TO BE LEFT BELOW ALL INTERNAL DOORS AFTER FINAL FLOOR FINISH HAS BEEN LAID.

CONCRETE COURSE TO ALL MASONRY WALLS DIRECTLY BELOW JOISTS



Window Schedule PAS 24 -Int Block P1A -Ref Comments Width Height Opening Glazing Locking W1 1350 1810 1845 Yes Yes 675 460 495 OBSCURE W2 Yes Yes 1200 1810 1845 W3 No No W4 900 1248 1283 **OBSCURE** No No W5 1200 1248 1283 No No W6 1200 1810 1845 No No 1050 1223 1258 W7 Dormer No No 990 525 560 W8 Rooflight No No

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.

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

WHOLE HOUSE TRICKLE VENTILATION REQUIREMENT STATED ON VENTILATION DRAWING

ALL WINDOWS TO ACHIEVE 0.48 G-VALUE AND 1.2 U-VALUE

Door Schedule - Internal						
Ref	Width	Height	Fire Rating	Code		
D03	900	2150		HID2		
D04	745	1000	FD30	ID15		
D05	825	2150	FD30	HID3		
D06	900	2150	FD30	HID2		
D07	900	2150	FD30	HID2		
D08	825	2150		HID3		
D09	825	2150	FD30	HID3		
D10	825	2150	FD30	HID3		
D11	825	2150	FD30	HID3		
D12	825	2150	FD30	HID3		
D10	025	2001	FD00	ID2		
D14	825	2031	FD30	ID2		
D15	825	2031	FD30	ID2		
D16	825	2031		ID2		

BLOCK LEGEND

BLOCKWORK	SIZE (mm)	COMPRESSIVE STRENGTH (N/mm²)	DENSITY (Kg/m³)	LAMBDA (λ)
<xxxxx< td=""><td>100</td><td>7.3</td><td>750</td><td>0.19</td></xxxxx<>	100	7.3	750	0.19
	100	3.6	600	0.15

REFER TO STANDARD DETAIL

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.



MAN HANDLING-STEEL AND LINTEL

USE MECHANICAL EQUIPMENT, TWO MAN LIFT AND TRAIN IN KINETIC HANDLING SEE SCHEDULE FOR WEIGHT.

Rev Description Date **Grantham G SERIES** DCC Dwg Rev Dwg No 212 В S Drawing Title Structural Layout First Floor - Opp Ω Ω Scale 1:50 July 2023 **♥** REDROW

B Notes updated

Notes undated

23.09.24

SETTING OUT:

ALL DIMENSIONS ARE TAKEN FROM BRICKWORK/BLOCKWORK FACE AND

REFER TO MANUFACTURER'S SCHEDULE FOR REFERENCES AND SIZES.

DRAINAGE:

SEE SITE DRAINAGE PLAN FOR ACTUAL POSITIONS OF RWPS GULLIES & MANHOLES.

CHECK WITH SITE DRAINAGE PLAN TO DETERMINE LOCATION OF SOIL STACKS TO BE VENTED TO AIR.

INTERNAL DRAINAGE:

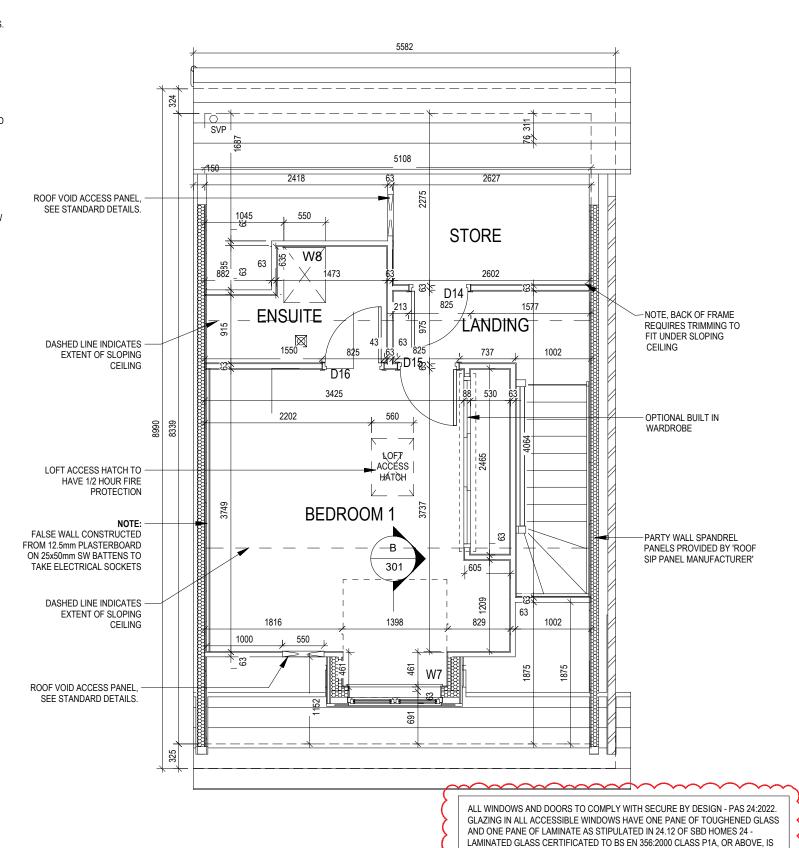
ALL SVP BOXING OUT TO INCORPORATE 25mm SOUND INSULATION. HORIZONTAL SVP'S IN FLOOR VOIDS TO BE SURROUNDED WITH 75mm INSULATION QUILT.

GENERAL:

CONSTRUCTION PACK TO BE READ IN CONJUNCTION WITH GENERAL SPECIFICATION, STANDARD DETAILS AND STRUCTURAL CALCULATIONS.

MINIMUM 10mm AIR GAP TO BE LEFT BELOW ALL INTERNAL DOORS AFTER FINAL FLOOR FINISH HAS BEEN LAID.

CONCRETE COURSE TO ALL MASONRY WALLS DIRECTLY BELOW JOISTS



NOTE: ALL WINDOWS AND PATIO

AND U-VALUE OF 1.2

DOORS TO ACHIEVE G-VALUE OF 0.48

Window Schedule

Ref	Height	Width	Int Block Opening	Comments	P1A - Glazing	PAS 24 - Locking
W1	1350	1810	1845		Yes	Yes
W2	675	460	495	OBSCURE	Yes	Yes
W3	1200	1810	1845		No	No
W4	900	1248	1283	OBSCURE	No	No
W5	1200	1248	1283		No	No
W6	1200	1810	1845		No	No
W7	1050	1223	1258	Dormer	No	No
W8	990	525	560		No	No

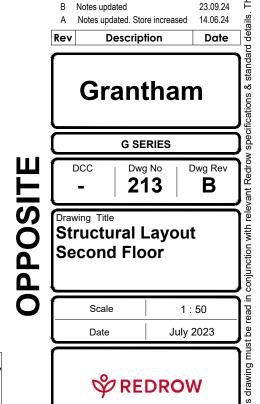
NOTE: ALL WINDOWS TO BE FITTED WITH OVER-FRAME TRICKLE VENTILATORS. FOR MINIMUM TRICKLE VENTILATION RATES FOR EACH WINDOW WIDTH SEE WINDOW AND DOOR SCHEDULE.

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

WHOLE HOUSE TRICKLE VENTILATION REQUIREMENT STATED ON VENTILATION DRAWING

ALL WINDOWS TO ACHIEVE 0.48 G-VALUE AND 1.2 U-VALUE

Ref Width Height Rating Fire Rating Code D03 900 2150 HID2 D04 725 1000 FD30 ID15 D05 825 2150 FD30 HID3 D06 900 2150 FD30 HID2 D07 900 2150 HID3 D08 825 2150 HID3 D09 825 2150 FD30 HID3 D10 825 2150 FD30 HID3 D11 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D14 825 2031 FD30 HD2 D15 825 2031 FD30 ID2	Door Schedule - Internal						
D04 725 1000 FD30 ID15 D05 825 2150 FD30 HID3 D06 900 2150 FD30 HID2 D07 900 2150 HID2 D08 825 2150 HID3 D09 825 2150 FD30 HID3 D10 825 2150 FD30 HID3 D11 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D12 825 2050 FD30 HID3 D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	Ref	Width	Height	1	Code		
D05 825 2150 FD30 HID3 D06 900 2150 FD30 HID2 D07 900 2150 HID2 D08 825 2150 HID3 D09 825 2150 FD30 HID3 D10 825 2150 FD30 HID3 D11 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D4 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D03	900	2150		HID2		
D06 900 2150 FD30 HID2 D07 900 2150 HID2 D08 825 2150 HID3 D09 825 2150 FD30 HID3 D10 825 2150 FD30 HID3 D11 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D04	725	1000	FD30	ID15		
D07 900 2150 HID2 D08 825 2150 HID3 D09 825 2150 FD30 HID3 D10 825 2150 FD30 HID3 D11 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D48 325 2984 FD89 ID2 D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D05	825	2150	FD30	HID3		
D08 825 2150 HID3 D09 825 2150 FD30 HID3 D10 825 2150 FD30 HID3 D11 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D06	900	2150	FD30	HID2		
D09 825 2150 FD30 HID3 D10 825 2150 FD30 HID3 D11 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D18 825 2991 FD89 ID2 D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D07	900	2150		HID2		
D10 825 2150 FD30 HID3 D11 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 D48 825 2991 FD89 ID2 D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D08	825	2150		HID3		
D11 825 2150 FD30 HID3 D12 825 2150 FD30 HID3 B48 925 2991 FD89 ID2 D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D09	825	2150	FD30	HID3		
D12 825 2150 FD30 HID3 B48 925 2994 FD99 ID2 D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D10	825	2150	FD30	HID3		
B16 925 2981 FB99 IB2 D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D11	825	2150	FD30	HID3		
D14 825 2031 FD30 ID2 D15 825 2031 FD30 ID2	D12	825	2150	FD30	HID3		
D15 825 2031 FD30 ID2	D10	925	2001	FD00	ID2		
D15 825 2031 FD30 ID2	D14	825	2031	FD30	ID2		
				1			
D16 825 2031 ID2	D16	825	2031	1 230	ID2		





REQUIRED IN THE FOLLOWING AREAS: ANY WINDOW LOCATED WITHIN 400MM OF A DOOR SET (TO ENSURE THE INTEGRITY OF THE LOCKING SYSTEM) EASILY

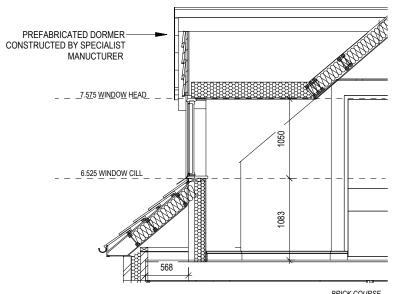
ACCESSIBLE EMERGENCY EGRESS WINDOWS WITH NON-LOCKABLE HARDWARE

(A REQUIREMENT OF PAS 24:2022 AND PAS 24:2016*) EASILY ACCESSIBLE ROOF

LIGHTS WITH NON-LOCKABLE HARDWARE.

USE MECHANICAL EQUIPMENT, TWO MAN LIFT AND TRAIN IN KINETIC HANDLING SEE SCHEDULE FOR WEIGHT.





SECTION B-B DORMER WINDOW DETAIL

Scale: 1:50

GENERAL NOTES:

SETTING OUT: ALL DIMENSIONS ARE TAKEN FROM BRICKWORK/BLOCKWORK FACE AND STUDWORK.

LINTELS: REFER TO MANUFACTURER'S SCHEDULE FOR REFERENCES AND SIZES.

PROVIDE CAVITY TRAYS OVER ALL LINTELS. TRAY TO EXTEND 300mm EACH SIDE OF OPENING WITH A 15mm PROJECTION TO THE FRONT OF THE LINTEL.

WEEPHOLES TO BE PROVIDED TO BRICKWORK OVER LINTELS @ 450c/c MAX IN EXTERNAL OPENINGS.

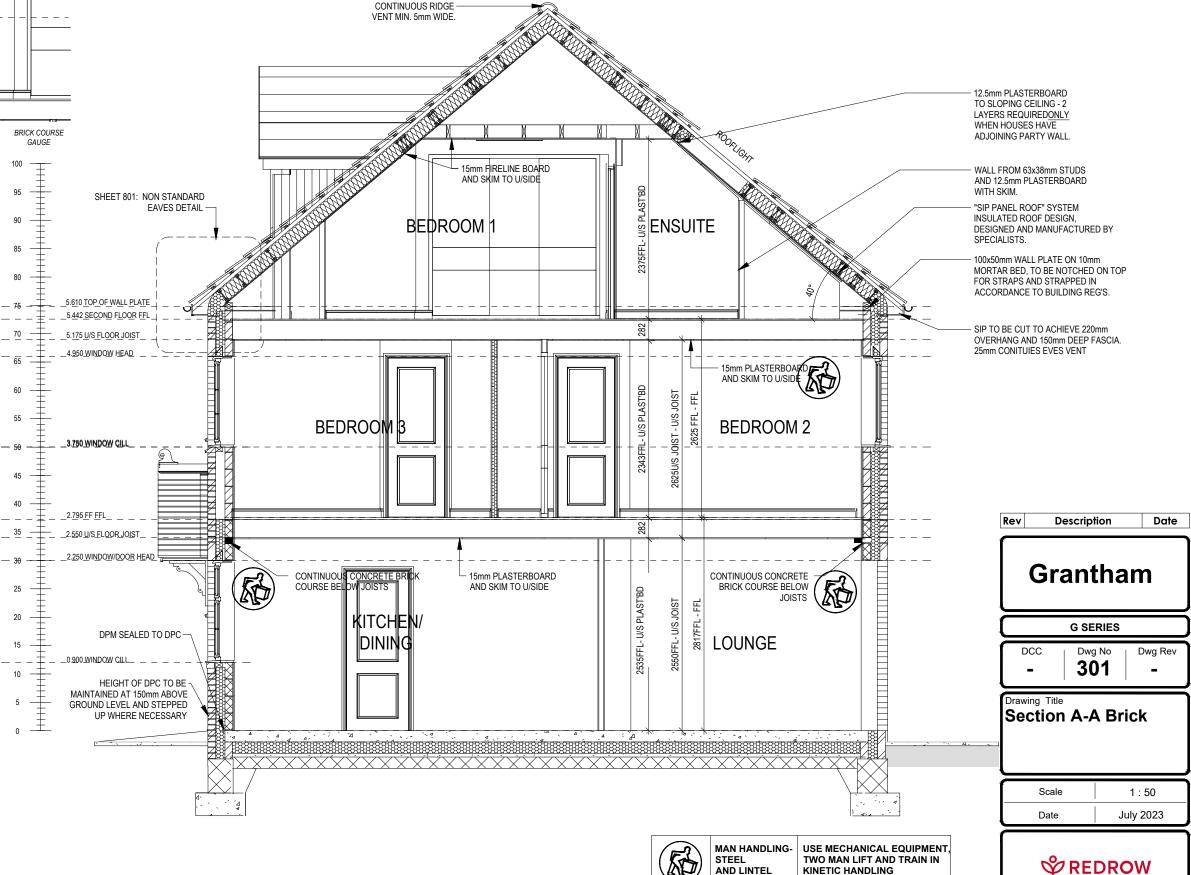
INSULATION

REFER TO INSULATION SCHEDULE FOR WALL, LOFT AND FLOOR SLAB INSULATION MATERIAL AND THICKNESS ETC.

ENTRANCE DOOR FEATURES: FOR DOOR SURROUND AND CANOPY DETAILS REFER TO STD. DETAILS.

GAS PROTECTION: IF GAS PROTECTION IS REQUIRED, REFER TO STANDARD DETAILS.

GENERAL: CONSTRUCTION PACK TO BE READ IN CONJUNCTION WITH GENERAL SPECIFICATION AND STANDARD DETAILS.



AND LINTEL

KINETIC HANDLING SEE SCHEDULE FOR WEIGHT.

GENERAL NOTES:

A - INTRUDER ALARM BOX POSITION (CUSTOMER OPTION)

FEATURE BRICKWORK TO BE CONTRASTING & COMPLIMENTARY TO MAIN FACINGS, SHOWN AS SHADING ON ELEVATIONS.

SEE TRADE, SALES AND GENERAL SPEC FOR SCHEDULE OF MATERIALS AND COLOURS

REFER TO MANUFACTURER'S SCHEDULE FOR REFERENCES & SIZES.

RAINWATER GOODS:
TO BE HALF ROUND SECTION FIXED IN ACCORDANCE WITH THE GENERAL SPECIFICATION/ POSITIONED AS PER THE DRAINAGE PLAN & CONNECTED TO SEPARATE UNDERGROUND SURFACE WATER DRAINAGE

ENTRANCE DOOR FEATURES:

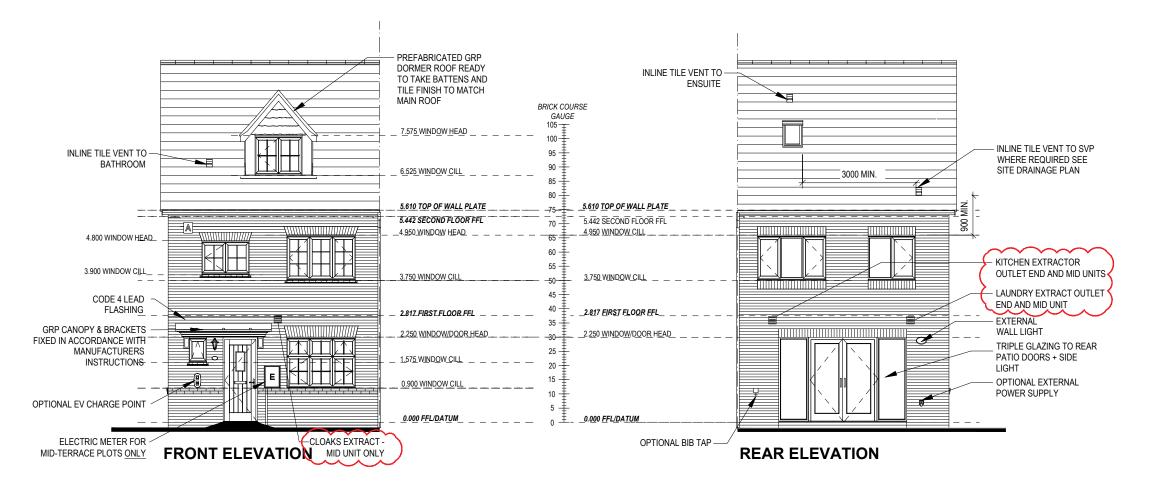
FOR DOOR SURROUND AND CANOPY DETAILS REFER TO STD. DETAILS.

WHERE GLASS WITHIN A GLAZED PANEL OCCURS WITHIN 800mm OF THE FINISHED FLOOR LEVEL, THEN THE GLASS WITHIN THAT PANEL TO BE LAMINATED. ALL UPPER FLOOR WINDOWOPENINGS TO BE MIN 800mm ABOVE FFL GENERALLY, AND BELOW 1100mm FORESCAPE WINDOWS.

SCAFFOLDING

PLEASE NOTE THAT THESE HOUSE TYPES HAVE EXTERNAL PROJECTIONS i.e. PORCHES, GARAGES etc.. WHICH WILL REQUIRE THE SCAFFOLDING CONTRACTOR TO CONSIDER THESE WHEN PLANNING THE DESIGN, LAYOUT, EDGE PROJECTION etc. OF THE SCAFFOLD

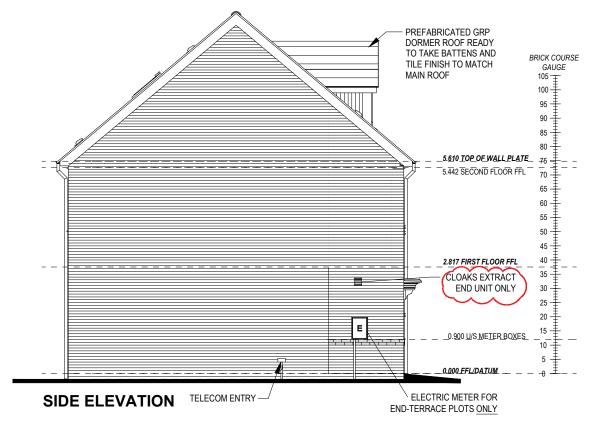
SKY COAXIAL CABLES TO TERMINATE ON THE SOUTH/SOUTH EAST ELEVATION. SEE ELECTRICAL TRADE SPECIFICATION'.

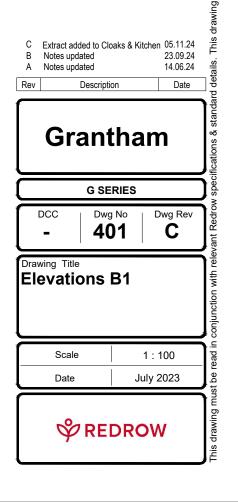


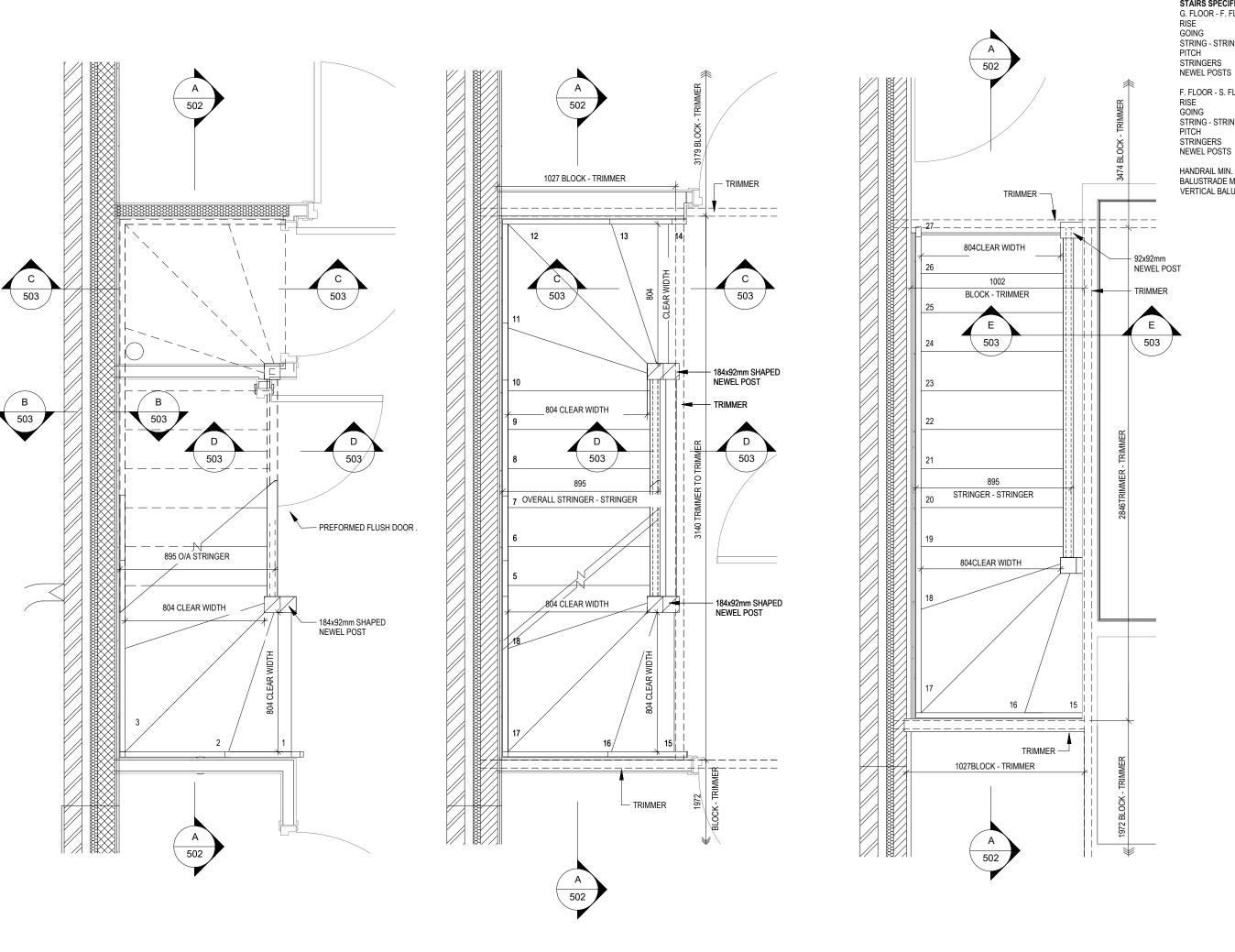
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ELEVATION FACE	ELEVATION	WINDOW HEADS &	DOOR	WINDOW
	FINISH	CILLS	HEADS	STYLE
FRONT	BRICK/	BRICK VOSSOIR HEAD,	PORCH	GEORGIAN
	RENDER	PLINTH BRICK CILL	CANOPY	BAR
REAR	BRICK	BRICK SOLDIER	BRICK SOLDIER	STANDARD
SIDE	BRICK	N/A	N/A	N/A







STAIRS SPECIFICATION

G. FLOOR - F. FLOOR

= 14No. @201.21mm (220mm Max)

= 225mm (220mm Min) = SEE DWG

STRING - STRING = 41.81 deg. = 30x250mm = 184x92mm NEWEL POSTS

F. FLOOR - S. FLOOR = 2625mm

= 13No. @201.9mm (220mm Max)

= 225mm (220mm Min) STRING - STRING = SEE DWG = 41.91 deg. = 30x250mm = 184x92mm, 92x92mm

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



Date

Description

Rev

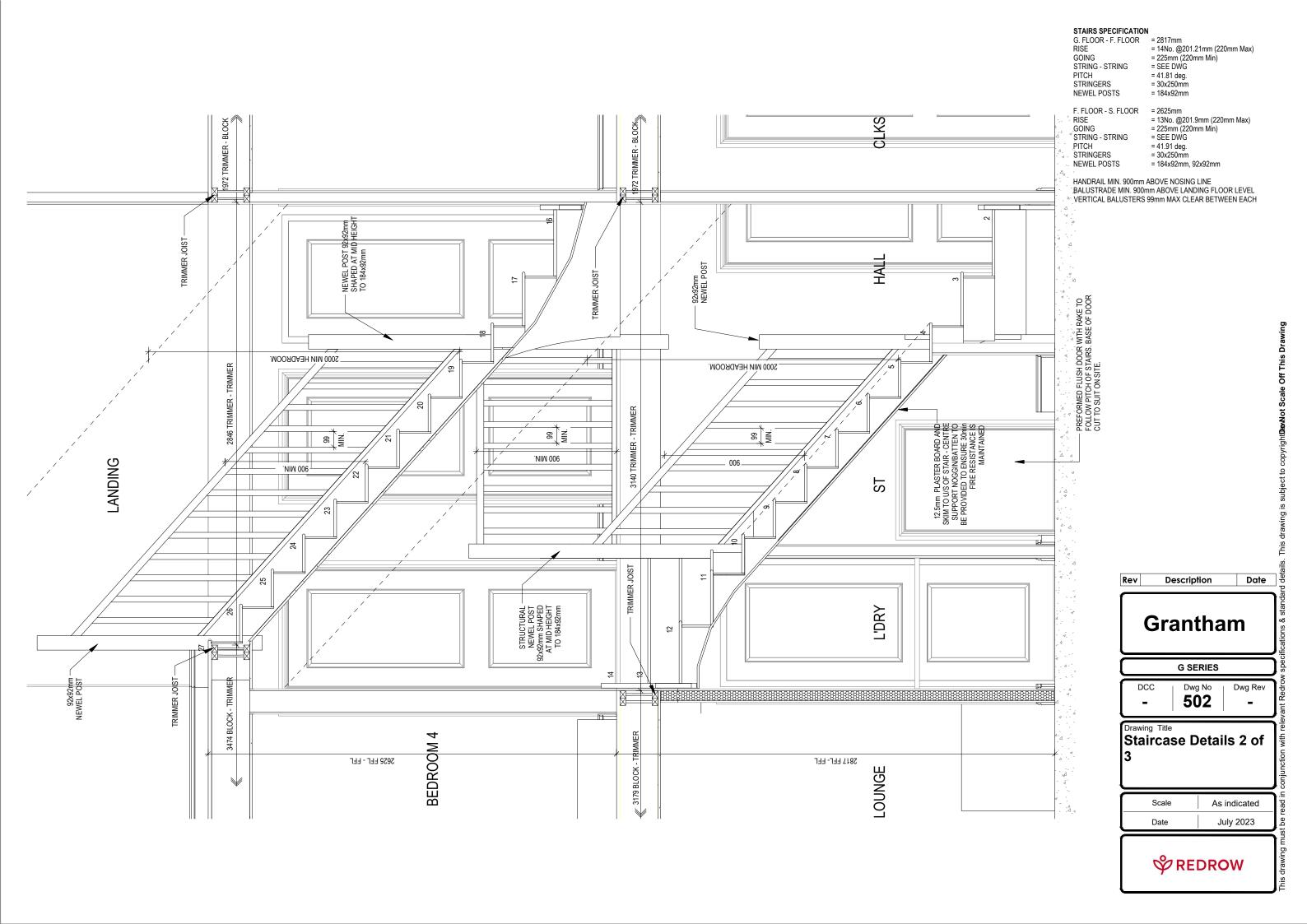
G SERIES

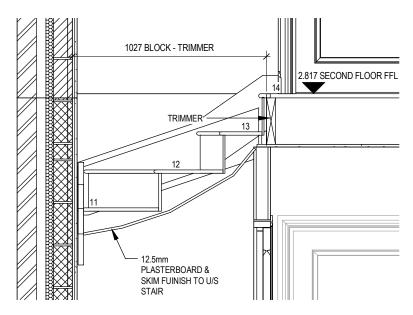
DCC Dwg No Dwg Rev 501

Drawing Title Staircase Details 1 of

Scale As indicated July 2023

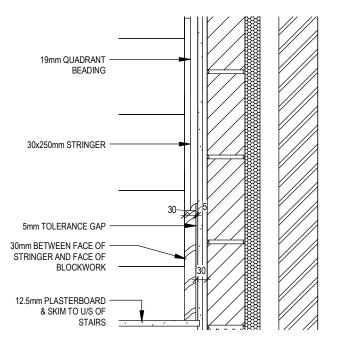






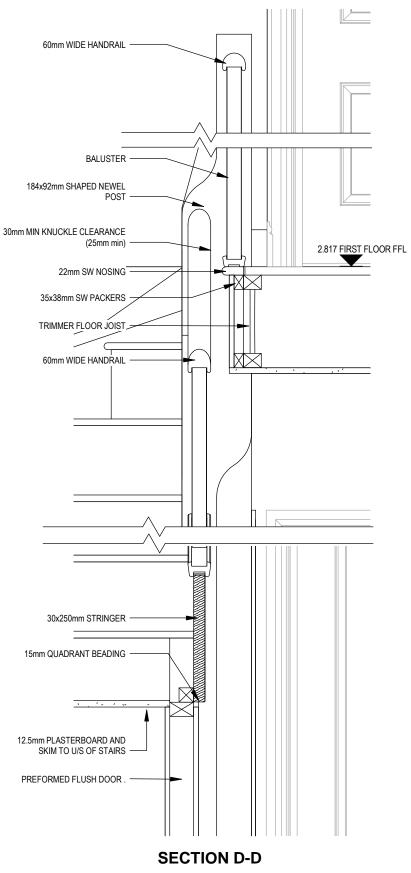
SECTION C-C

Scale: 1:20

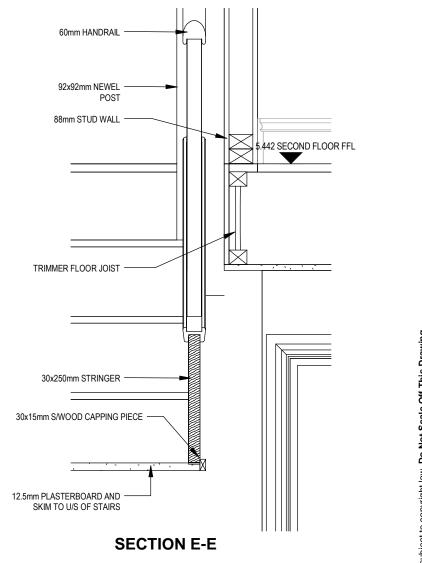


SECTION B-B PARTY WALL DETAIL

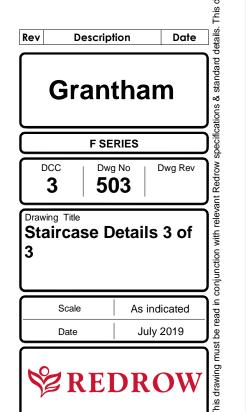
Scale: 1:10



Scale: 1:10



Scale: 1:10



- PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
- DOUBLE S/W SOCKET OUTLET (LOW LEVEL)
- USB DOUBLE S/W SOCKET OUTLET (LOW LEVEL) WITH OPTIONAL DOUBLE LISB
- USB 3 DOUBLE SW SOCKET OUTLET (HIGH LEVEL) WITH OPTIONAL DOUBLE LISB
- EV \$\frac{1}{2}\$ ELECTRIC VEHICLE CHARGE POINT (OPTIONAL)
- EXT **◆** EXTERNAL POWER SUPPLY (OPTIONAL)
 - DOUBLE S/W SOCKET OUTLET (HIGH LEVEL)
 - -□ FUSED OUTLET (BOILER, IMMERSION)
- ISOLATOR SWITCH
- SINGLE SWITCH
- OUBLE SWITCH
- TRIPLE SWITCH

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

- # T.V. POINT WITH OPTIONAL DATA POINT
- →□ TELEPHONE POINT
- SMOKE 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. SMOKE DETECTORS TO HAVE BATTERY BACK UP AND TO BE LOCATED A MIN. OF 300mm AWAY FROM ANY WALL AND LIGHT FITTING.
- 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.

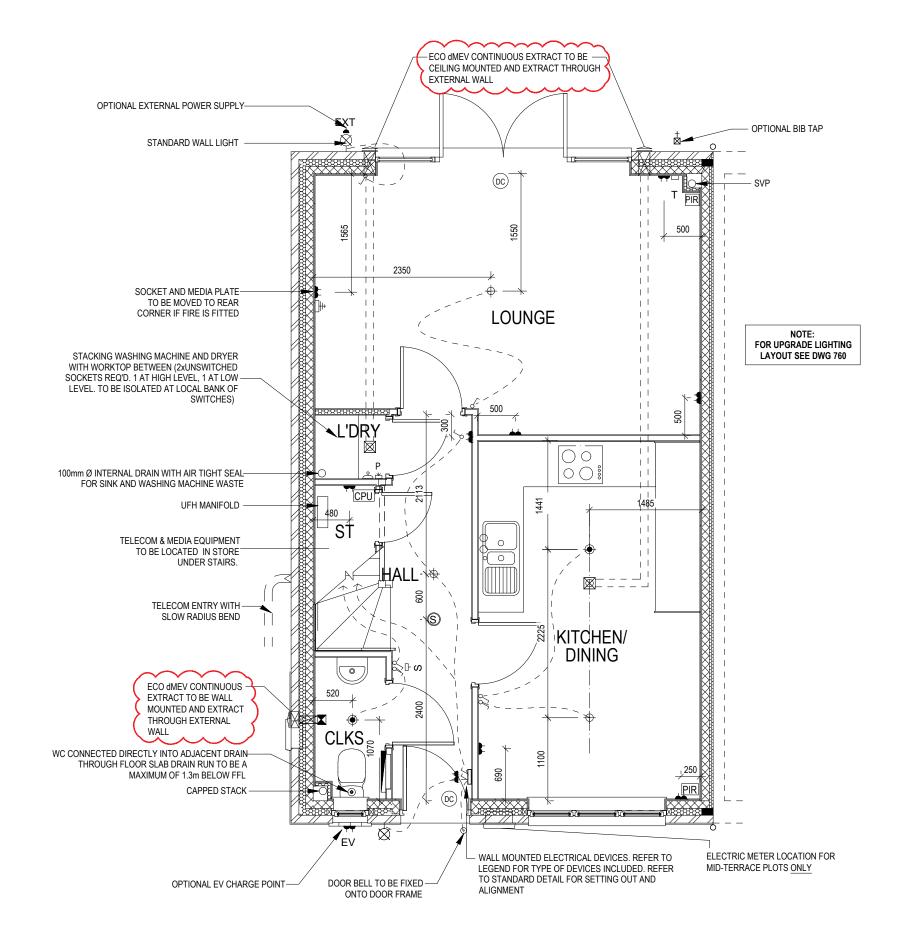
 HEAT DETECTOR TO HAVE BATTERY BACKUP AND TO BE LOCATED A MIN. OF 300mm AWAY FROM ANY WALL AND LIGHT EITTING.
- ∽ ⊲ SHAVER SOCKET
- S ∃ ROOM THERMOSTAT
- P 1 2 ZONE PROGRAMMER AND HOT WATER TIMER
- EXTERNAL WALL LIGHT FITTING WITH INTEGRAL DUSK TO DAWN SENSOR
- EXTERNAL SURFACE MOUNTED BULKHEAD LIGHT FITTING TO
- O DOOR BELL PUSH BUTTON
- SINGLE S/W SOCKET OUTLET (LOW LEVEL)
- SURFACE MOUNTED CONSUMER UNIT
- DUSK TO DAWN SENSOR
- TELECOM 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

INTRUDER ALARM FITTINGS (CUSTOMER OPTION)

- PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE FFI
- CPU CENTRAL PROCESSOR UNIT, HEIGHT TO UNDERSIDE 2100mm
- DOOR CONTACT



STANDARD DETAILS

SEE STANDARD DETAILS FOR POSITION OF LIGHT SWITCHES, SOCKETS AND RADIATORS UNLESS OTHERWISE DIMENSIONED

NOTE:

ALL CEILING LIGHT FITTINGS TO BE POSITIONED CENTRALLY IN THE ROOM LINE ESS OTHERWISE DIMENSIONED

ALL INTERNAL PENDANT, BATTEN AND LOW VOLTAGE DOWNLIGHTERS ARE TO BE PROVIDED WITH ENERGY EFFICIENT LAMPS WITH A LUMINOUS EFFICACY OF AT LEAST 45 LUMENS/CIRCUIT WATT.

SUPPLY AND INSTALL INTERMITTENT MEV'S, WALL OR CEILING MOUNTED AS INDICATED. FANS TO PROVIDE MINIMUM EXTRACTION RATES AS FOLLOWS:

CLOAKS - 6 I/s (IF NO WINDOW) BATHROOM/ENSUITE - 15 I/s UTILITY/LAUNDRY - 30 I/s COOKER HOOD - 30 I/s

CLOAKS, UTILITY, BATHROOM AND ENSUITE MEV'S ARE NOT TO BE OPERATED VIA LIGHT SWITCH, BUT FROM DOUBLE SWITCHED PLATE (ONE OPERATING MEV AND ONE OPERATING LIGHT).

LAUNDRY (WHERE PRESENT) MEV TO BE OPERATED FROM SWITCHED PLATE

OPERATED FROM SWITCHED PLATE
PREFERABLY ON THE OUTSIDE OF THE
LAUNDRY CUPBOARD.
EACH MEV TO BE CAPABLE OF BEING
DISCONNECTED FROM THE ELECTRICITY
SUPPLY VIA A SEPARATE ISOLATION SWITCH
LOCATED AT HIGH LEVEL.

VENTING OF SOIL STACKS:

WHERE A SOIL STACK IS INDICATED AS 'SVP'
THEN STACK TO BE VENTED TO ATMOSPHERE.
OTHERWISE, ALL STACKS WITHIN A DWELLING
TO BE CAPPED OFF.
WHERE WASTE FROM CLOAKS WC CANNOT BE

CONNECTED DIRECTLY INTO DRAIN (WHERE FLOOR LEVEL TO INVERT LEVEL IS IN EXCESS OF 1.30m), THEN WC TO BE CONNECTED TO STUB STACK AND FITTED WITH AN AIR ADMITTANCE VALVE.

SEE 'REDROW INTERNAL DRAINAGE GUIDANCE

NOTES' FOR FURTHER DETAILS.

HEPVo'S: ALL WHB's AND BATHS ARE TO BE FITTED WITH

THE APPROPRIATE SIZED HEPVo WATERLESS TRAP:- 32mm DIA FOR WHB's AND 40mm DIA FOR BATHS.

B Extract added to Cloaks, Laundry 05.11.24 & Kitchen

 A
 Notes updated
 14.06.24

 Rev
 Description
 Date



DCC | Dwg No | Dwg Rev | 601 | B

Services Layout
Ground Floor

Scale 1 : 50

Date July 2023



- PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
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- USB DOUBLE S/W SOCKET OUTLET (HIGH LEVEL) WITH OPTIONAL
- EV

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 - DOUBLE SWITCH
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- ⊢□ TELEPHONE POINT
- COMBINED T.V., SATELLITE AND DATA POINT
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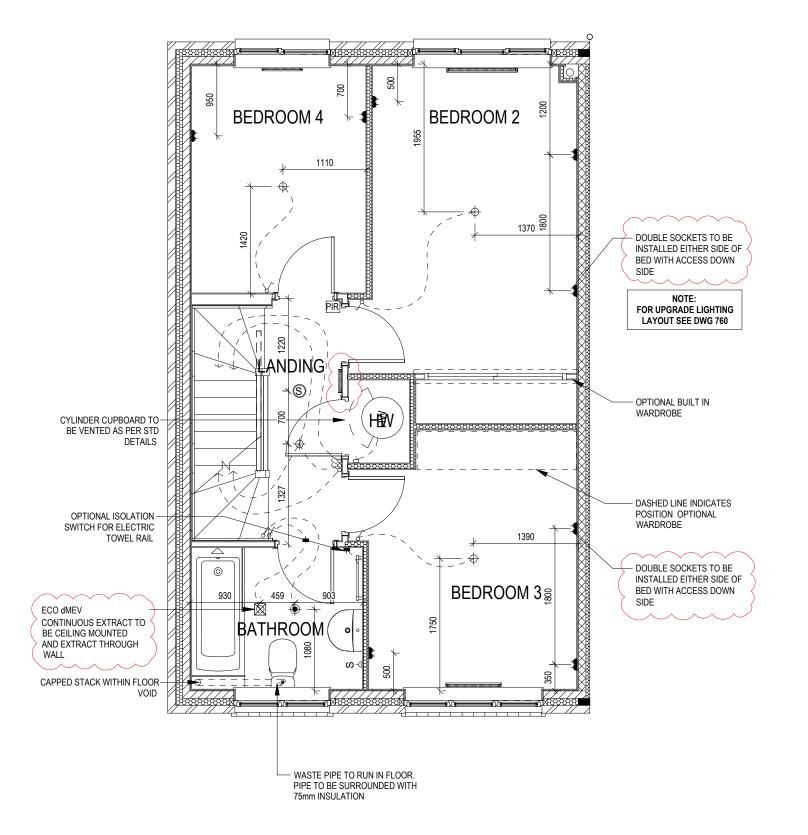
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 - DOUBLE LIGHT SWITCH
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INTRUDER ALARM FITTINGS (CUSTOMER OPTION)

(COSTOWER OPTION

- PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE FFI
- CPU CENTRAL PROCESSOR UNIT, HEIGHT TO UNDERSIDE 2100mm
- DOOR CONTACT

PIR



STANDARD DETAILS

SEE STANDARD DETAILS FOR POSITION OF LIGHT
SWITCHES, SOCKETS AND RADIATORS UNLESS OTHERWISE

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NOTES' FOR FURTHER DETAILS.

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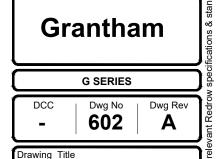
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TRAP:- 32mm DIA FOR WHB's AND 40mm DIA
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14.06.24

Date

A Notes updated. Rad to hallway

Rev Description



Services Layout First Floor





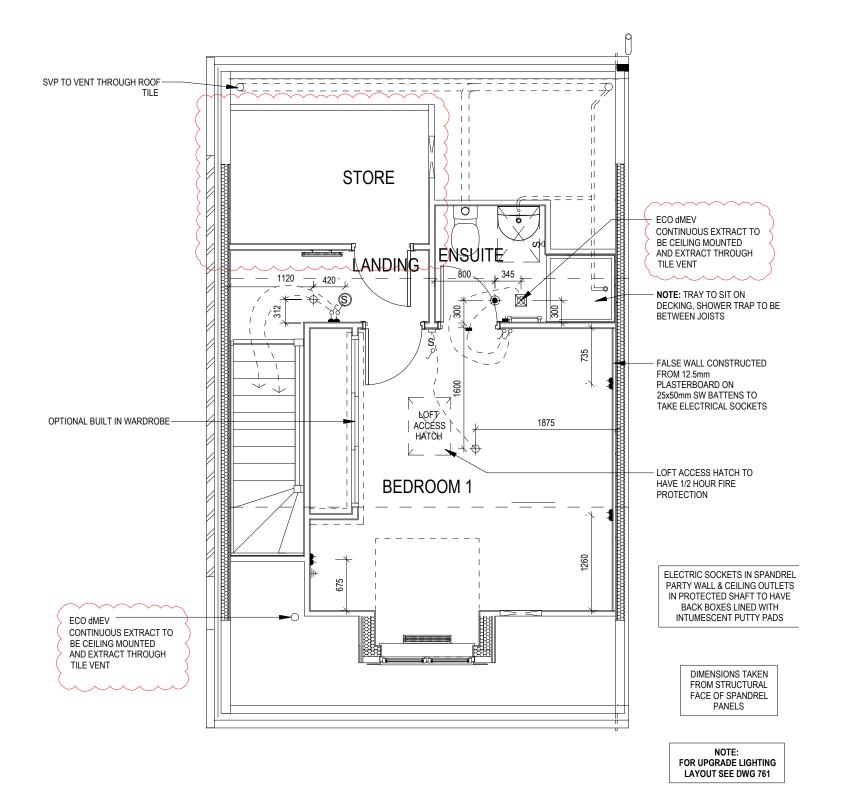
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 - FUSED OUTLET (BOILER, IMMERSION) -0
- ISOLATOR SWITCH
- SINGLE SWITCH
- 88 DOUBLE SWITCH
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- S∃ ROOM THERMOSTAT
- 2 ZONE PROGRAMMER AND HOT WATER TIMER
- EXTERNAL WALL LIGHT FITTING WITH INTEGRAL DUSK TO DAWN
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- 0 DOOR BELL PUSH BUTTON
- SINGLE S/W SOCKET OUTLET (LOW LEVEL)
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- TELECOM ENTRY POINT WITH SLOW RADIUS BEND
- COMBINATION WALL MOUNTED ELECTRICAL DEVICES (REFER TO STD
 - DETAIL). CONSISTING:
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 \triangleleft

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A Notes updated Boiler removed 14 06 24



Dwg No

603

Dwg Rev

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Drawing Title **Services Layout**

Second Floor

DCC

Scale 1:50 July 2023



- PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
- DOUBLE S/W SOCKET OUTLET (LOW LEVEL)
- DOUBLE S/W SOCKET OUTLET (LOW LEVEL) WITH OPTIONAL USB 3
- DOUBLE S/W SOCKET OUTLET (HIGH LEVEL) WITH OPTIONAL USB∹
- ELECTRIC VEHICLE CHARGE POINT (OPTIONAL) EV 🏖
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 - SINGLE SWITCH
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- DOOR BELL PUSH BUTTON
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- DUSK TO DAWN SENSOR
- _ _ _ _ TELECOM 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

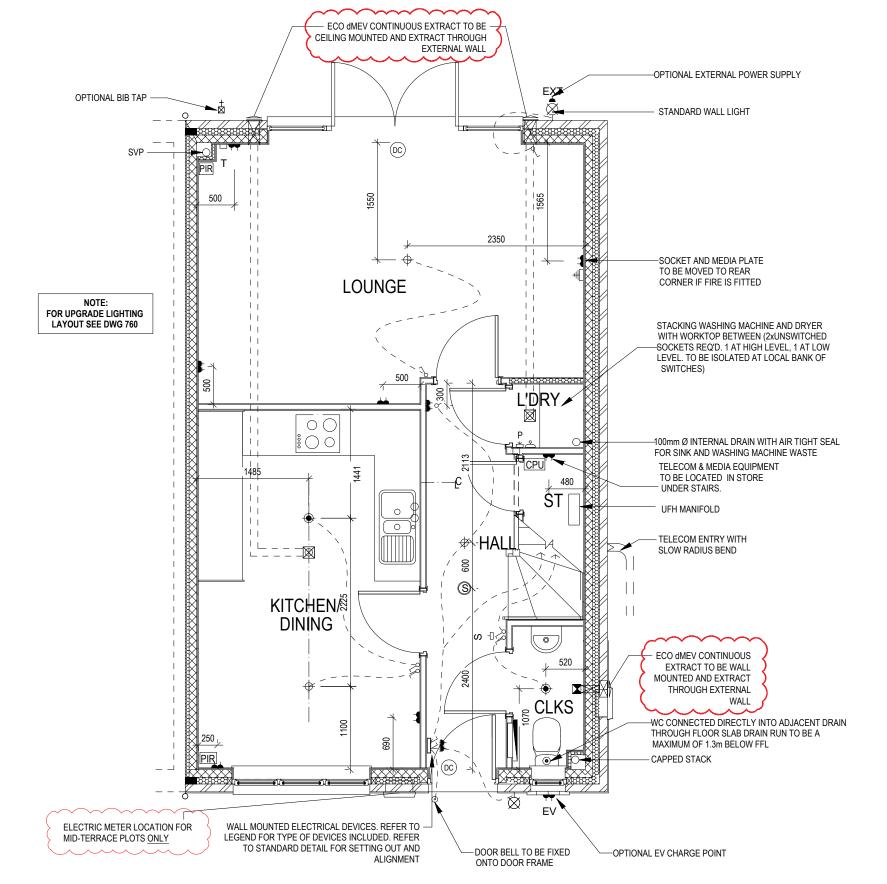
INTRUDER ALARM FITTINGS

CPU CENTRAL PROCESSOR UNIT, HEIGHT TO UNDERSIDE 2100mm

DOOR CONTACT

(DC)

PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE PIR



NOTE:

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STANDARD DETAILS

SEE STANDARD DETAILS FOR POSITION OF LIGHT SWITCHES, SOCKETS AND RADIATORS UNLESS OTHERWISE DIMENSIONED



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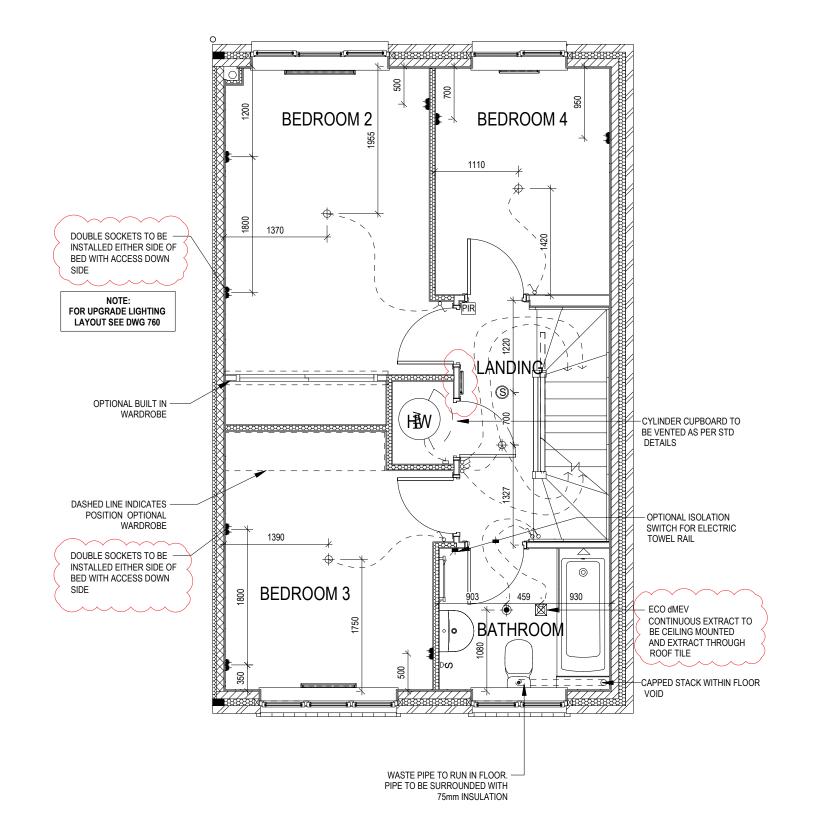
DOUBLE SWITCH

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INTRUDER ALARM FITTINGS

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- CENTRAL PROCESSOR UNIT, HEIGHT TO UNDERSIDE 2100mm
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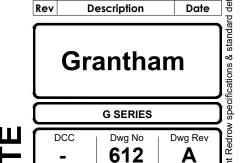
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14.06.24

A Notes updated. Rad to hallway



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Services Layout First Floor -Opp

> Scale 1:50 Date July 2023



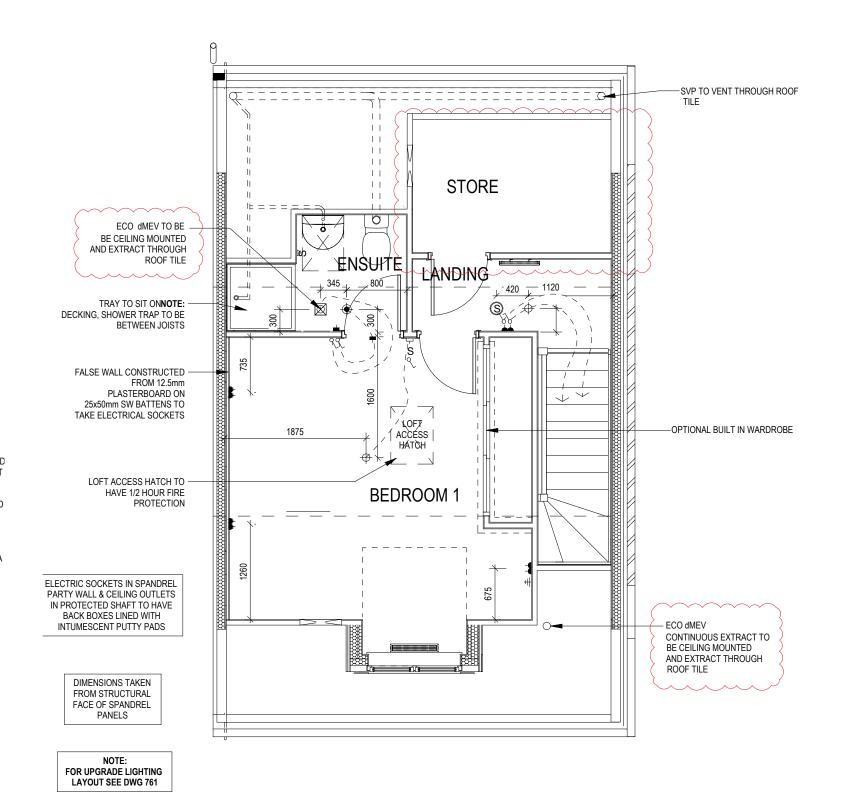
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(H)

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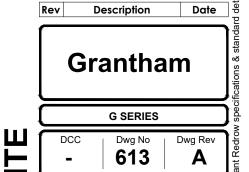
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A Notes updated, Boiler removed 14,06,24



S Drawing Title

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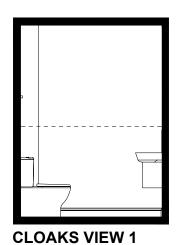
Services Layout Second Floor

> Scale 1:50 July 2023

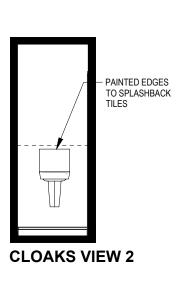


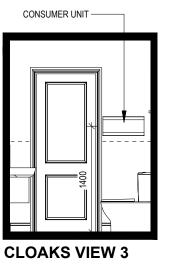
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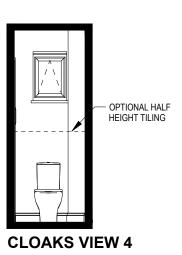
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Scale: 1:50





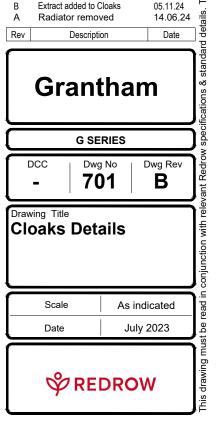


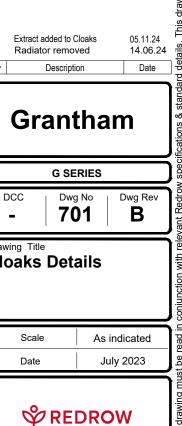
ELECTRICAL LEGEND

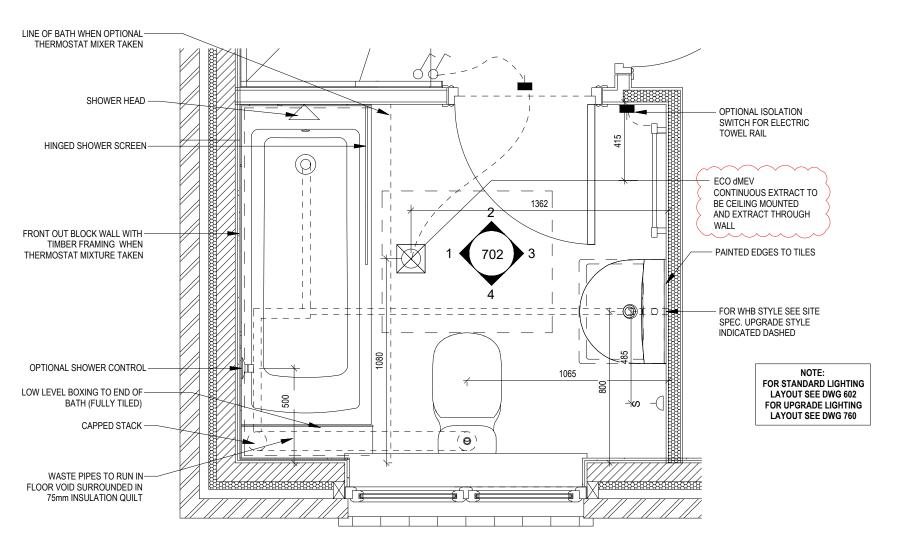
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SHAVER SOCKET

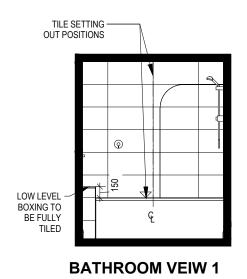




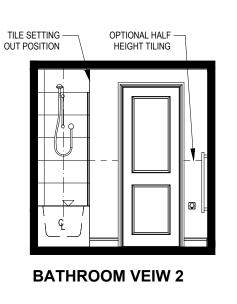


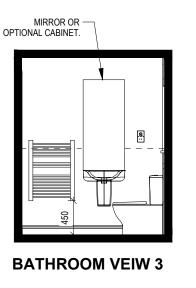
Bathroom Plan

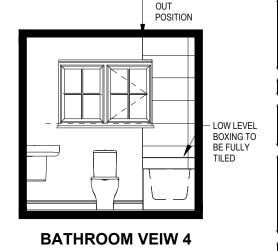
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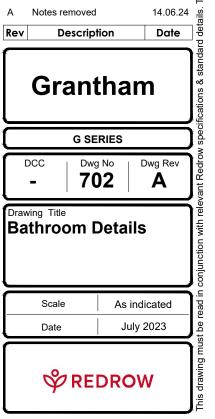
TILE SETTING



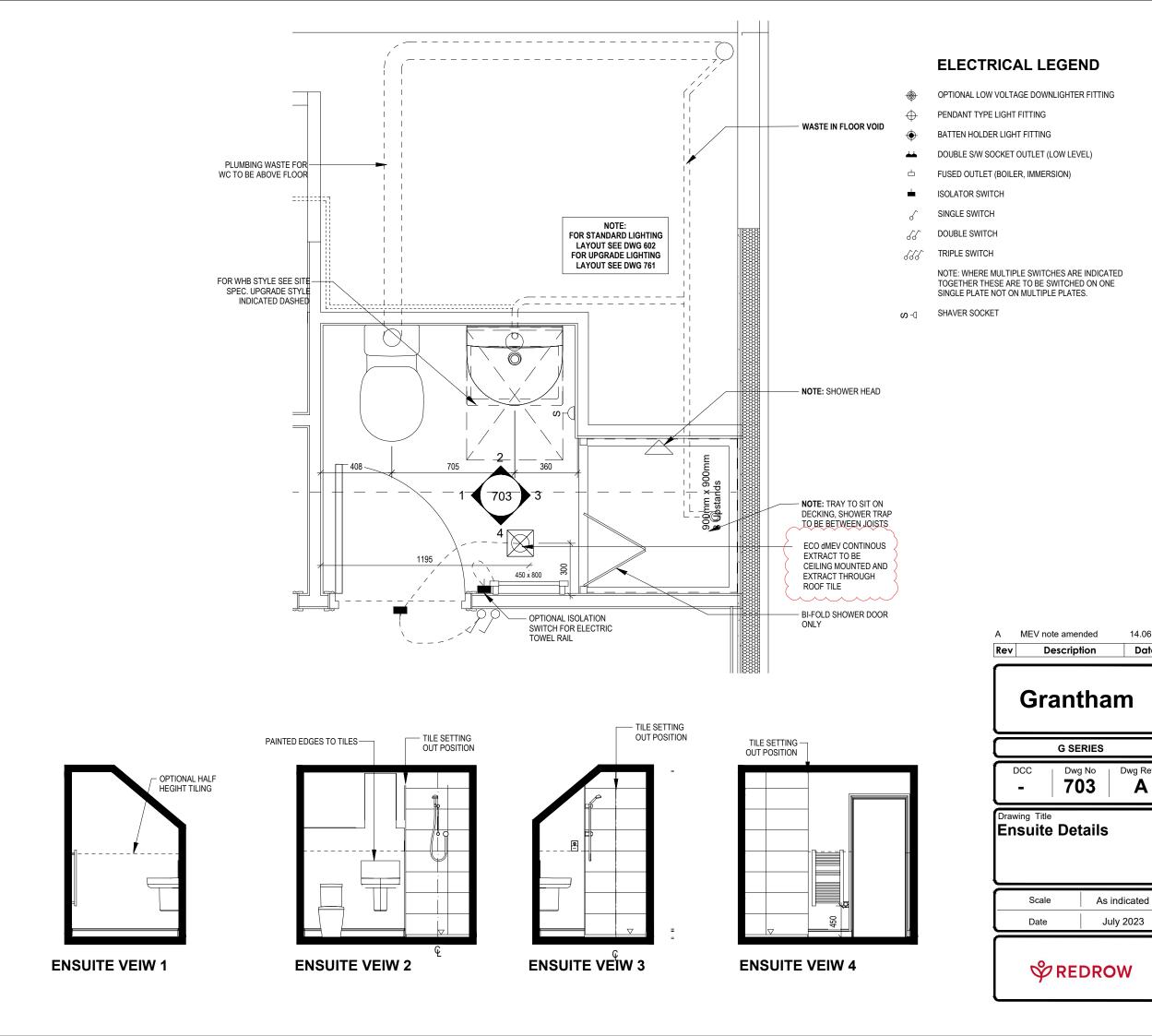
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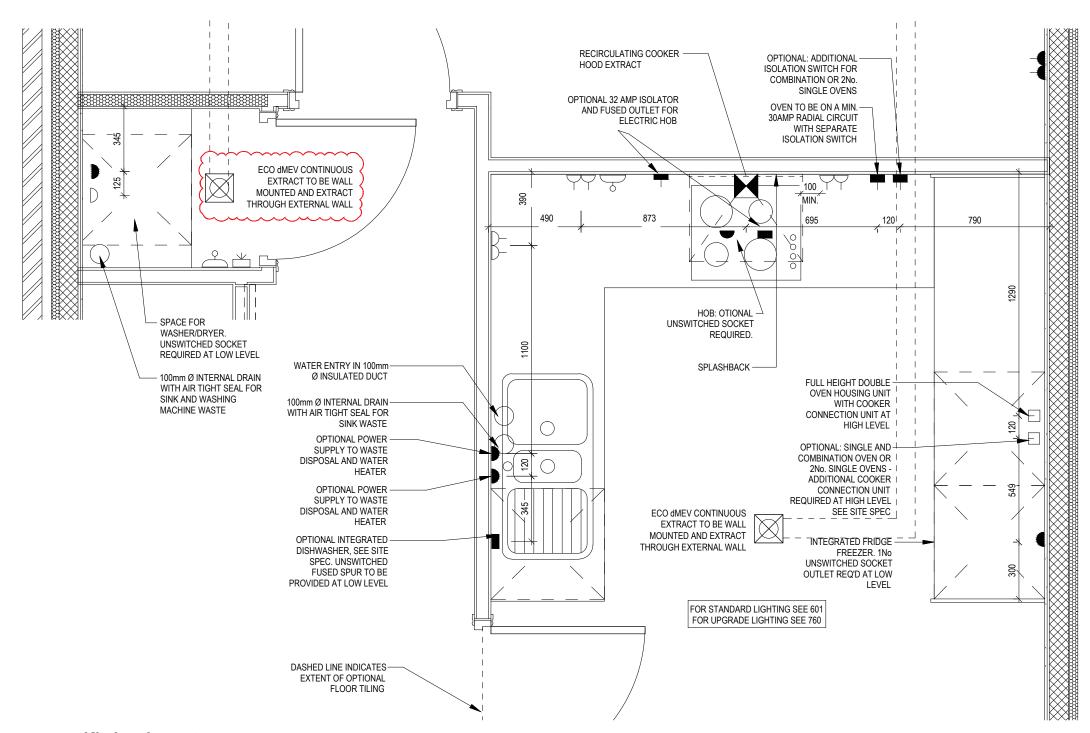


14.06.24

Date

Dwg Rev

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Kitchen Layout

Scale: 1:20

ELECTRICAL LEGEND

- OPTIONAL LOW VOLTAGE DOWNLIGHTER FITTING
- → PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
- FUSED OUTLET (BOILER, 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

- 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, SEI
- 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 WIREL 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

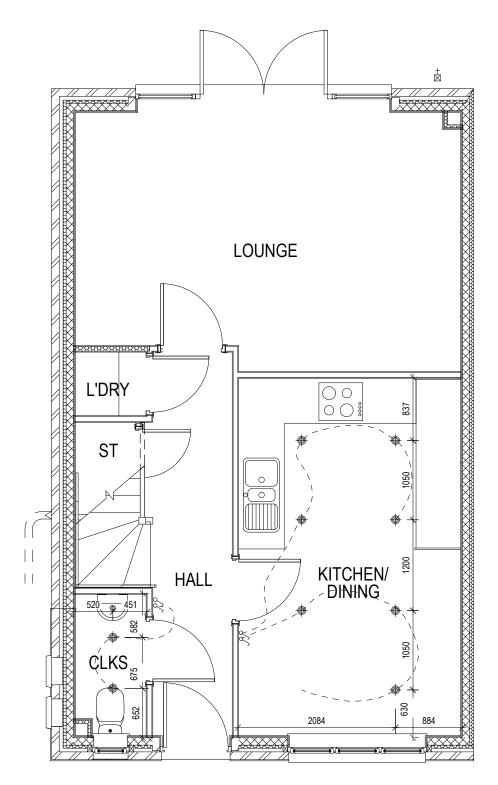
HEAT DETECTOR TO HAVE BATTERY BACKUP AND TO BE LOCATED A MIN. OF 300mm AWAY FROM ANY WALL AND LIGHT FITTING.

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

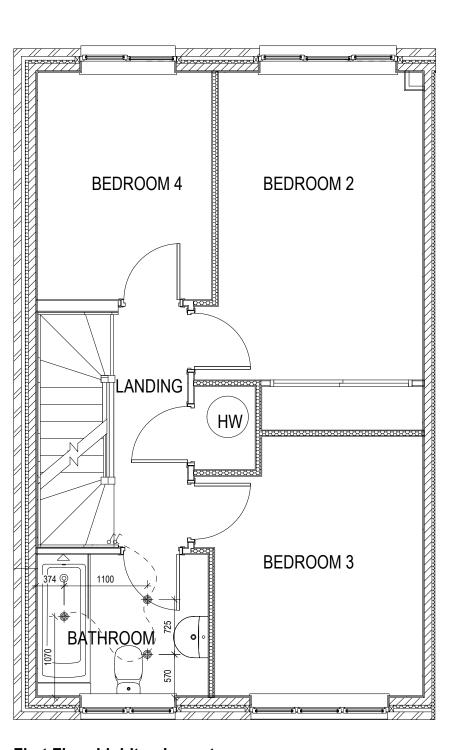
COOKER CONNECTION UNIT

 $\mathsf{P} \ 1\!\!1 \ 2 \ \mathsf{ZONE} \ \mathsf{PROGRAMMER} \ \mathsf{AND} \ \mathsf{HOT} \ \mathsf{WATER} \ \mathsf{TIMER}$





Ground Floor Lighting Layout



First Floor Lighitng Layout

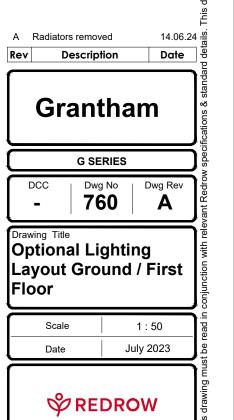
OPTIONAL LOW VOLTAGE DOWNLIGHTER FITTING

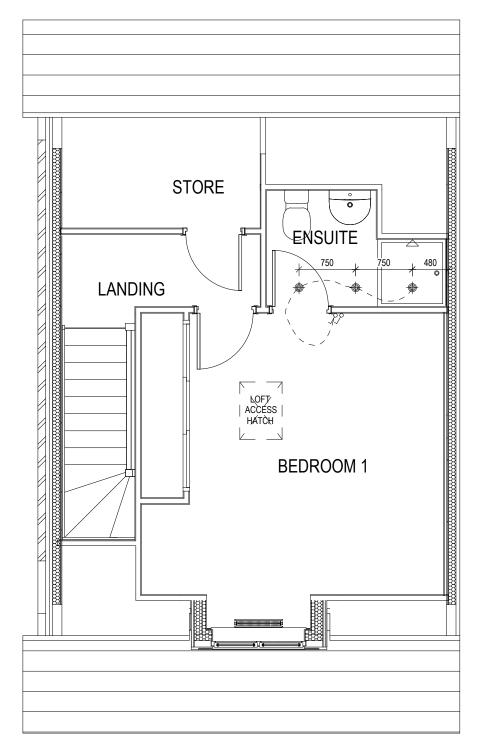
SINGLE SWITCH

S DOUBLE SWITCH

SSS TRIPLE SWITCH

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





Second Floor Lighting Layout

OPTIONAL LOW VOLTAGE DOWNLIGHTER FITTING

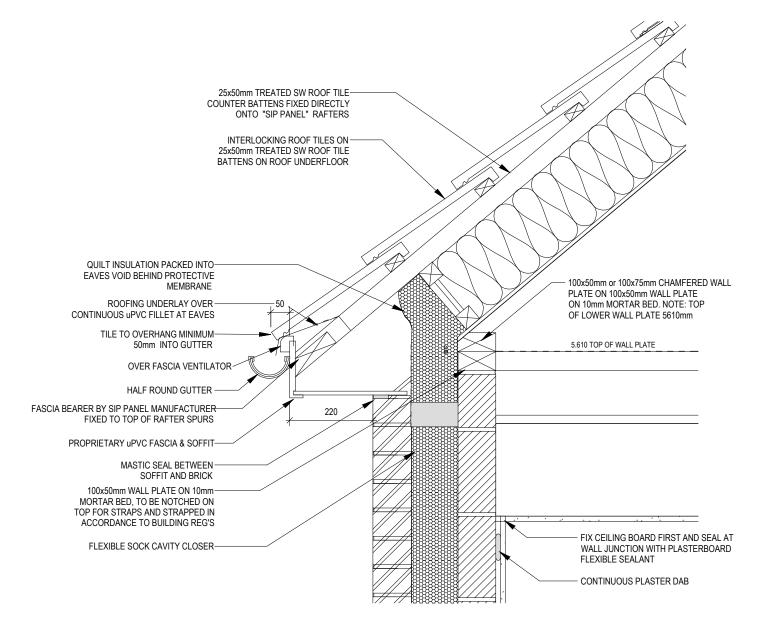
SINGLE SWITCH

SO DOUBLE SWITCH

SSS TRIPLE SWITCH

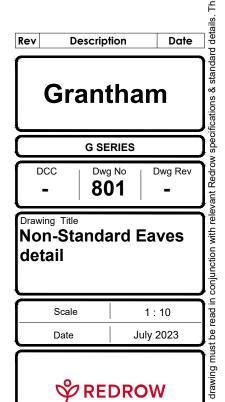
NOTE: WHERE MULTIPLE SWITCHES ARE INDICATED TOGETHER THESE ARE TO BE SWITCHED ON ONE SINGLE PLATE NOT ON MULTIPLE PLATES.





NON STANDARD EAVES DETAIL

Scale: 1:10



- PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
- DOUBLE S/W SOCKET OUTLET (LOW LEVEL)
- DOUBLE S/W SOCKET OUTLET (LOW LEVEL) WITH OPTIONAL USB 3
- DOUBLE S/W SOCKET OUTLET (HIGH LEVEL) WITH OPTIONAL USB∹
- ELECTRIC VEHICLE CHARGE POINT (OPTIONAL) EV 🏖
- EXT -EXTERNAL POWER SUPPLY (OPTIONAL)
 - DOUBLE S/W SOCKET OUTLET (HIGH LEVEL)
 - FUSED OUTLET (BOILER, IMMERSION)
 - ISOLATOR SWITCH
 - SINGLE SWITCH
 - 88 DOUBLE SWITCH
 - 999 TRIPLE SWITCH

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

- T.V. POINT WITH OPTIONAL DATA POINT
- TELEPHONE POINT
- COMBINED T.V., SATELLITE AND DATA POINT
- SMOKE 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. SMOKE DETECTORS TO HAVE BATTERY BACK UP AND TO BE LOCATED A MIN. OF 300mm AWAY FROM ANY WALL AND LIGHT FITTING.
- HEAT DETECTOR TO BS EN 14604: 2005, TO BE PERMANENTLY WIRED TO A SEPARATELY FUSED CIRCUIT AT THE \oplus 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
- S □ ROOM THERMOSTAT
- 2 ZONE PROGRAMMER AND HOT WATER TIMER
- EXTERNAL WALL LIGHT FITTING WITH INTEGRAL DUSK TO DAWN SENSOR
- EXTERNAL SURFACE MOUNTED BULKHEAD LIGHT FITTING TO CANOPY
- DOOR BELL PUSH BUTTON
- SINGLE S/W SOCKET OUTLET (LOW LEVEL)
- SURFACE MOUNTED CONSUMER UNIT
- DUSK TO DAWN SENSOR
- _ _ _ _ TELECOM ENTRY POINT WITH SLOW RADIUS BEND

COMBINATION WALL MOUNTED ELECTRICAL DEVICES (REFER TO STD DETAIL),

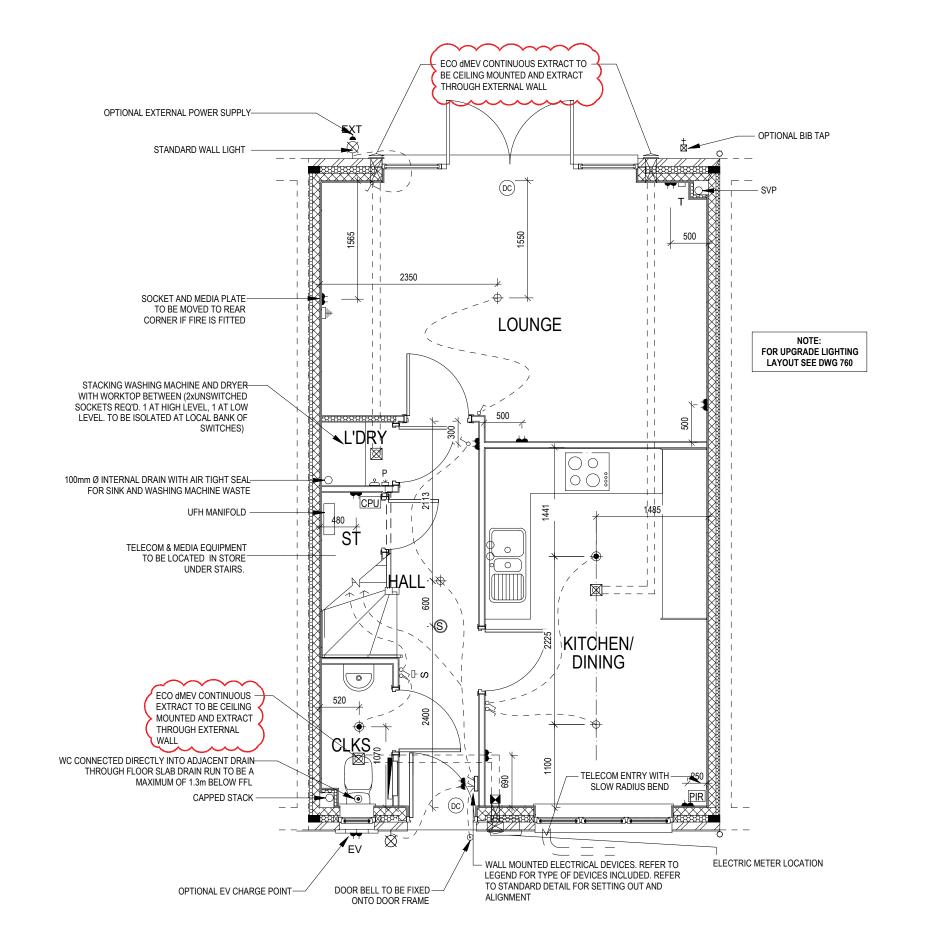
- CONSISTING: - DOOR BELL CHIME

 - ALARM KEYPAD (CUSTOMER OPTION)
- DOUBLE LIGHT SWITCH
- BANK OF SWITCHES

INTRUDER ALARM FITTINGS

- PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE
- CPU CENTRAL PROCESSOR UNIT, HEIGHT TO UNDERSIDE 2100mm
- (DC) DOOR CONTACT

PIR



STANDARD DETAILS

SEE STANDARD DETAILS FOR POSITION OF LIGHT SWITCHES, SOCKETS AND RADIATORS UNLESS OTHERWISE DIMENSIONED

NOTE:

ALL CEILING LIGHT FITTINGS TO BE POSITIONED CENTRALLY IN THE ROOM UNLESS OTHERWISE DIMENSIONED

ALL INTERNAL PENDANT, BATTEN AND LOW VOLTAGE DOWNLIGHTERS ARE TO BE PROVIDED WITH ENERGY EFFICIENT LAMPS WITH A LUMINOUS EFFICACY OF AT LEAST 45 LUMENS/CIRCUIT WATT

SUPPLY AND INSTALL INTERMITTENT MEV's WALL OR CEILING MOUNTED AS INDICATED. FANS TO PROVIDE MINIMUM EXTRACTION RATES AS FOLLOWS:

CLOAKS - 6 I/s (IF NO WINDOW) BATHROOM/ENSUITE - 15 I/s UTILITY/LAUNDRY - 30 I/s COOKER HOOD - 30 I/s

CLOAKS, UTILITY, BATHROOM AND ENSUITE MEV's ARENOT TO BE OPERATED VIA LIGHT SWITCH, BUT FROM DOUBLE SWITCHED PLATE (ONE OPERATING MEV AND ONE OPERATING LIGHT). LAUNDRY (WHERE PRESENT) MEV TO BE

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VENTING OF SOIL STACKS:

WHERE A SOIL STACK IS INDICATED AS 'SVP' THEN STACK TO BE VENTED TO ATMOSPHERE. OTHERWISE, ALL STACKS WITHIN A DWELLING TO BE CAPPED OFF WHERE WASTE FROM CLOAKS WC CANNOT BE

CONNECTED DIRECTLY INTO DRAIN (WHERE FLOOR LEVEL TO INVERT LEVEL IS IN EXCESS OF 1.30m), THEN WC TO BE CONNECTED TO STUB STACK AND FITTED WITH AN AIR ADMITTANCE VALVE. SEE 'REDROW INTERNAL DRAINAGE GUIDANCE &

NOTES' FOR FURTHER DETAILS.

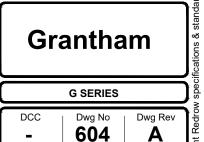
HEPVo'S:

Rev

ALL WHB's AND BATHS ARE TO BE FITTED WITH THE APPROPRIATE SIZED HEPVo WATERLESS TRAP:- 32mm DIA FOR WHB's AND 40mm DIA FOR BATHS.

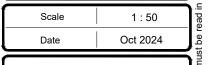
A Extract added to Cloaks, Laundry 05.11.24

Description



Date

Drawing Title **Services Layout Ground Floor Mid Unit**





- PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
- **⋬** DOUBLE S/W SOCKET OUTLET (LOW LEVEL)
- USB DOUBLE S/W SOCKET OUTLET (LOW LEVEL) WITH OPTIONAL DOUBLE LISR
- USB DOUBLE S/W SOCKET OUTLET (HIGH LEVEL) WITH OPTIONAL
- EV

 ELECTRIC VEHICLE CHARGE POINT (OPTIONAL)
- EXT **←** EXTERNAL POWER SUPPLY (OPTIONAL)
 - DOUBLE S/W SOCKET OUTLET (HIGH LEVEL)
 - ─☐ FUSED OUTLET (BOILER, IMMERSION)
 - ISOLATOR SWITCH
 - SINGLE SWITCH
 - DOUBLE SWITCH
- SSS TRIPLE SWITCH

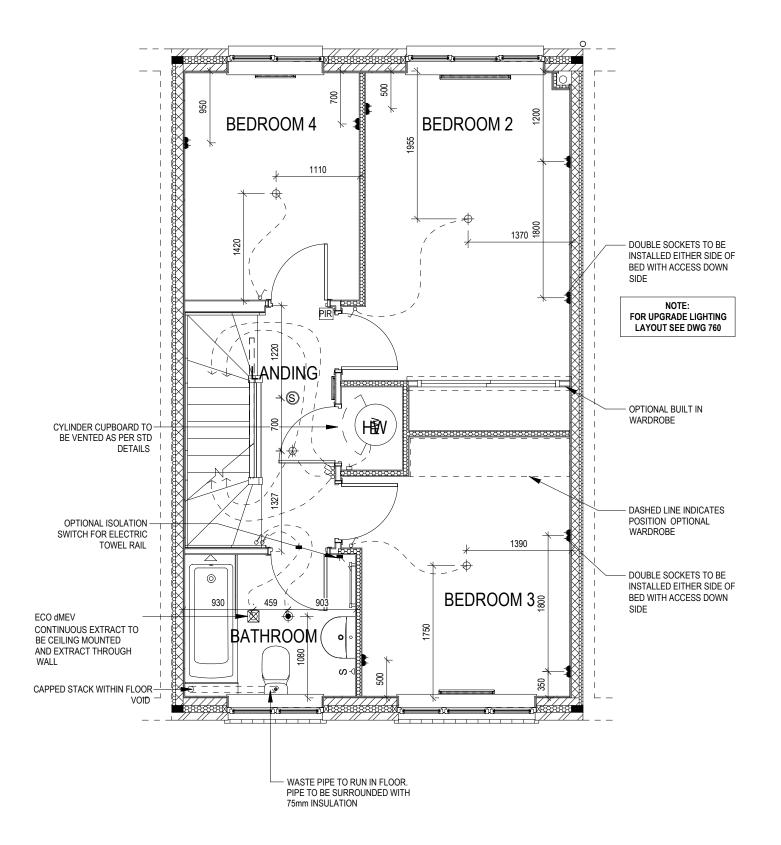
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- EXTERNAL SURFACE MOUNTED BULKHEAD LIGHT FITTING TO
- O DOOR BELL PUSH BUTTON
- SINGLE S/W SOCKET OUTLET (LOW LEVEL)
- SURFACE MOUNTED CONSUMER UNIT
- DUSK TO DAWN SENSOR
- TELECOM ENTRY POINT WITH SLOW RADIUS BEND
 COMBINATION WALL MOUNTED ELECTRICAL DEVICES (REFER
 - COMBINATION WALL MOUNTED ELECTRICAL DEVICES (REFE TO STD DETAIL), TI CONSISTING:
 - DOOR BELL CHIME
 - ALARM KEYPAD (CUSTOMER OPTION)
 - DOUBLE LIGHT SWITCH
 - △ BANK OF SWITCHES

INTRUDER ALARM FITTINGS (CUSTOMER OPTION)

- (1111)
- PASSIVE INFRA-RED DETECTOR TO BE FITTED 2.4m MAX ABOVE FFI
- CPU CENTRAL PROCESSOR UNIT, HEIGHT TO UNDERSIDE 2100mm
- DOOR CONTACT



STANDARD DETAILS

SEE STANDARD DETAILS FOR POSITION OF LIGHT
SWITCHES, SOCKETS AND RADIATORS UNLESS OTHERWISE

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Scale 1:50
Date Oct 2024



- PENDANT TYPE LIGHT FITTING
- BATTEN HOLDER LIGHT FITTING
- DOUBLE S/W SOCKET OUTLET (LOW LEVEL) 1
- DOUBLE S/W SOCKET OUTLET WITH DOUBLE USB SOCKET (LOW USB 💈
- DOUBLE S/W SOCKET OUTLET WITH DOUBLE USB SOCKET (HIGH USB⊐
 - DOUBLE S/W SOCKET OUTLET (HIGH LEVEL)
- ELECTRIC VEHICLE CHARGE POINT (OPTIONAL) EV 🤹
- EXTERNAL POWER SUPPLY (OPTIONAL) EXT -
 - FUSED OUTLET (BOILER, IMMERSION) -П
- ISOLATOR SWITCH
- SINGLE SWITCH
- 88 DOUBLE SWITCH
- 299 TRIPLE SWITCH

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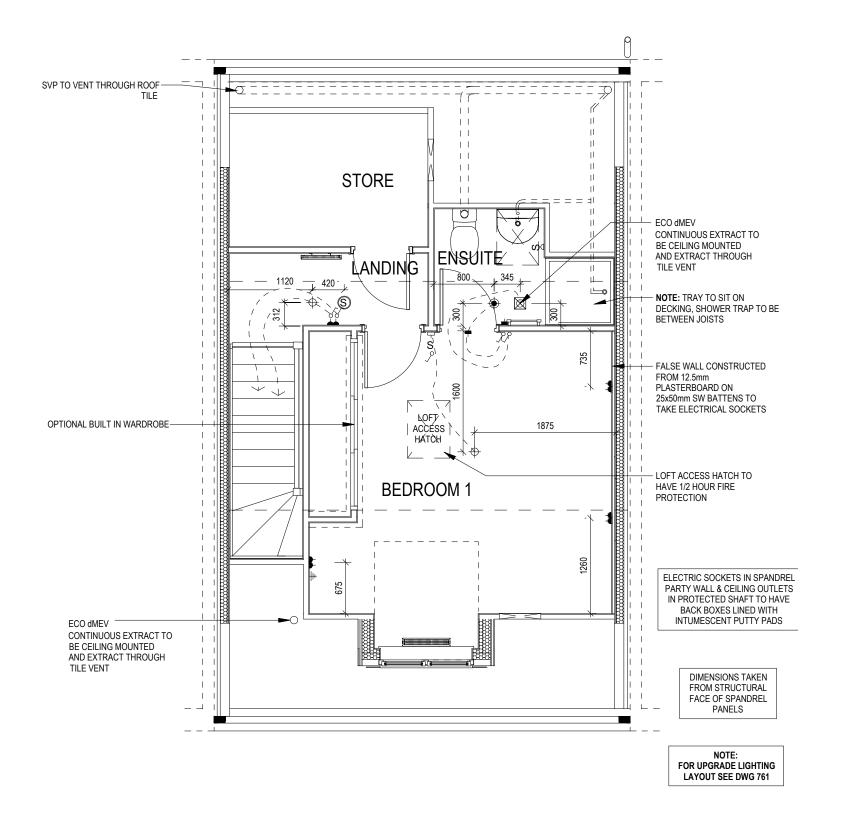
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- S∃ ROOM THERMOSTAT
- 2 ZONE PROGRAMMER AND HOT WATER TIMER
- EXTERNAL WALL LIGHT FITTING WITH INTEGRAL DUSK TO DAWN
 - EXTERNAL SURFACE MOUNTED BULKHEAD LIGHT FITTING TO CANOPY
- 0 DOOR BELL PUSH BUTTON
- SINGLE S/W SOCKET OUTLET (LOW LEVEL)
- PV METER SWITCH (SITE UPGRADE/CUSTOMER OPTION)
- SEMI RECESSED CONSUMER UNIT DUSK TO DAWN SENSOR
- TELECOM ENTRY POINT WITH SLOW RADIUS BEND
- COMBINATION WALL MOUNTED ELECTRICAL DEVICES (REFER TO STD

DETAIL). CONSISTING:

 \triangleleft

- DOOR BELL CHIME
- ALARM KEYPAD (CUSTOMER OPTION)
- TRIPLE LIGHT SWITCH
- BANK OF SWITCHES



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G SERIES

DCC Dwg Rev Dwg No 606

Drawing Title **Services Layout Second Floor Mid Unit**

Scale 1:50 Oct 2024

