V3 Drawing Register								
Sheet Number	Sheet Name	Rev	Revision Date					
2105-300	Cover Page & Design Risk Register	Α	Feb 2024					
2105-310	Foundation & Sub-Floor Plans	Α	Feb 2024					
2105-320	Floor Plans	Α	Feb 2024					
2105-330	MEP Plans	Α	Feb 2024					
2105-340	Elevations	Α	Feb 2024					
2105-350	Sections	А	Feb 2024					



Design Risk Register										
Element	Comments									
Lifting Operations	To avoid injury when handling heavy components, specialist handling equipment is to be utilised for the positioning of heavy objects/materials. Large glazing to be installed with specialist lifting equipment by trained personnel. Protection barriers to be provided to prevent mechanical damage following installation.									
Craneage	Crane supplier to be satisfied of adequate support to outriggers, correct lifting positions to be established to avoid slippage of sheet materials during lifting and placement. Sub-contractors and suppliers to 'design in' lifting eyes and identify weights of heavy items at drawing approval stage. All RAMS to be obtained and approved prior to any lifting operations being carried out.									
Ground Floor Construction	Mechanical Lifting equipment to be utilised to position pre-cast concrete floor planks. Manual handling assessment to be carried out.									
Working at Height	Install temporary scaffolding barrier to exposed edges of upper floors including toe boards throughout the build period. Provide scaffolding to all areas requiring placement of materials and finishing to all areas above ground level. Scaffolding to be positioned to avoid the need to overreach causing strain injury when placing materials. Protect areas below high level working from falling debris. Ensure space required for crane is achievable and suitable hard standing is provided. Ensure maximum fall height when fixing trusses into position is 2 metres by utilising appropriate safety measures and equipment.									
Stairs	To prevent falls provide temporary guarding and edge protection to open well areas and keep clear during construction, eliminating the possibility of trip hazards. Stairs to be erected as early as possible during the construction process to provide vertical circulation and means of escape in case of fire.									
Masonry Construction	When working at height mechanical lifting measures required to lift brick and block packs into position to reduce manual handling.									
Lintels	Manual Handling Assessments to be carried out for all lintels, light craneage to be utilised for lintels considered too heavy for manual handling.									
Structural Steelwork	Mechanical lifting measures required to reduce manual handling. Ensure required space for crane is achievable and suitable hard standing is provided.									
Windows / Structural Openings	Any structural apertures below 800mm to be fitted with temporary guarding to prevent falls. Any structural apertures below 800mm and extending to floor level to be fitted with temporary guarding and edge protection to prevent falls. Mechanical lifting measures and frame and glazing fitted separately to be considered for installation of large windows and combination door & window frames. Window manufacturer to be consulted regarding best means of installation.									
Window Cleaning & Maintanence	'Easy Clean' hinges are not an option due to the top hung design to a majority of the windows, as such windows should be cleaned from ground level using a telescopic 'reach & wash' system. All windows used to be Aluminium or UPVC frames to eliminate the need for future decoration.									
Roof Construction	Ensure space required for crane is achievable and suitable hard standing is provided. Ensure maximum fall height when fixing trusses into position is 2 metres by utilising appropriate safety measures and equipment.									

2105-V3-N (As)

Description NORTHSTONE

Feb 2024

Peel L&P Salford M50 2TG

CONSTRUCTION

Gen2 House Type Portfolio

DRAWING NAME

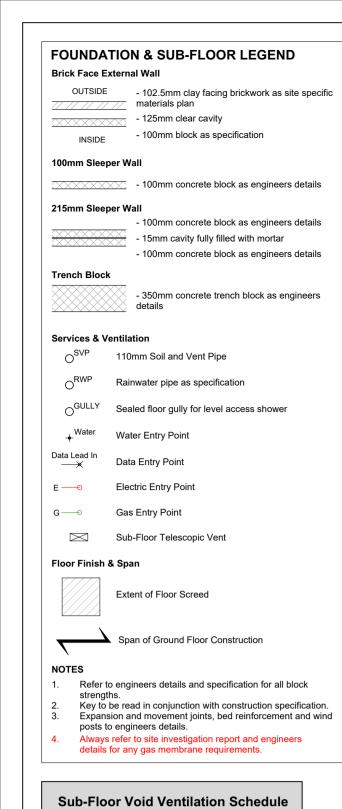
2105-V3-N (As) Cover Page & Design Risk Register

DRAWING NUMBER		DESIGNATION	DRAWN BY
2105-300		N	Design
DATE	SCALE (@ A3	3)	REV
May 2023			Α

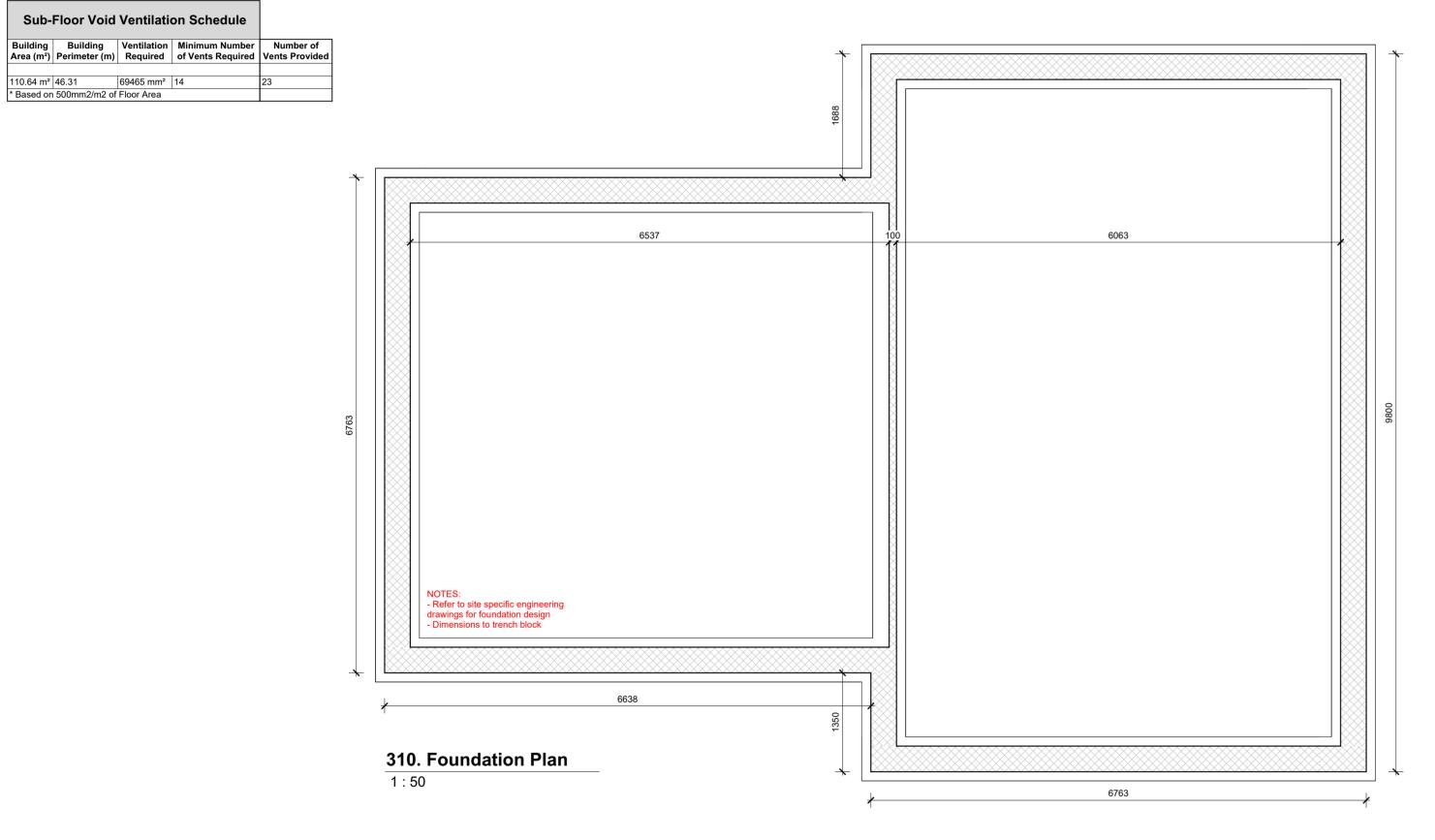
- · All dimensions to structure unless otherwise stated.
- Drawing to be read in conjunction with Northstone specification & all
- other project related design information and drawings.
 Any discrepancies to be reported to Northstone Technical prior to commencement of works.
- All materials and workmanship to be in accordance with current NHBC

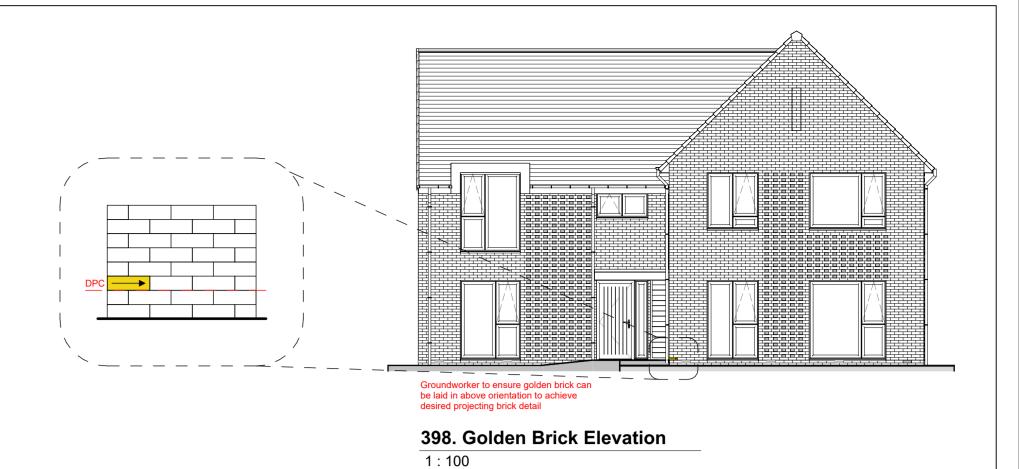
Technical Standards and Building Regulations.

DO NOT SCALE FROM THIS DRAWING. ALWAYS PRINT IN COLOUR.



110.64 m² | 46.31 | 69465 mm² | 14 * Based on 500mm2/m2 of Floor Area





CONSTRUCTION

DESIGNATION DRAWN BY

Design

Gen2 House Type Portfolio

Foundation & Sub-Floor Plans

May 2023 As indicated

SCALE (@ A1)

Notes:

• All dimensions to structure unless otherwise stated.

• Drawing to be read in conjunction with Northstone specification & all other project related design information and drawings.

• Any discrepancies to be reported to Northstone Technical prior to commencement of works.

• All materials and workmanship to be in accordance with current NHBC Technical Standards and Building Regulations.

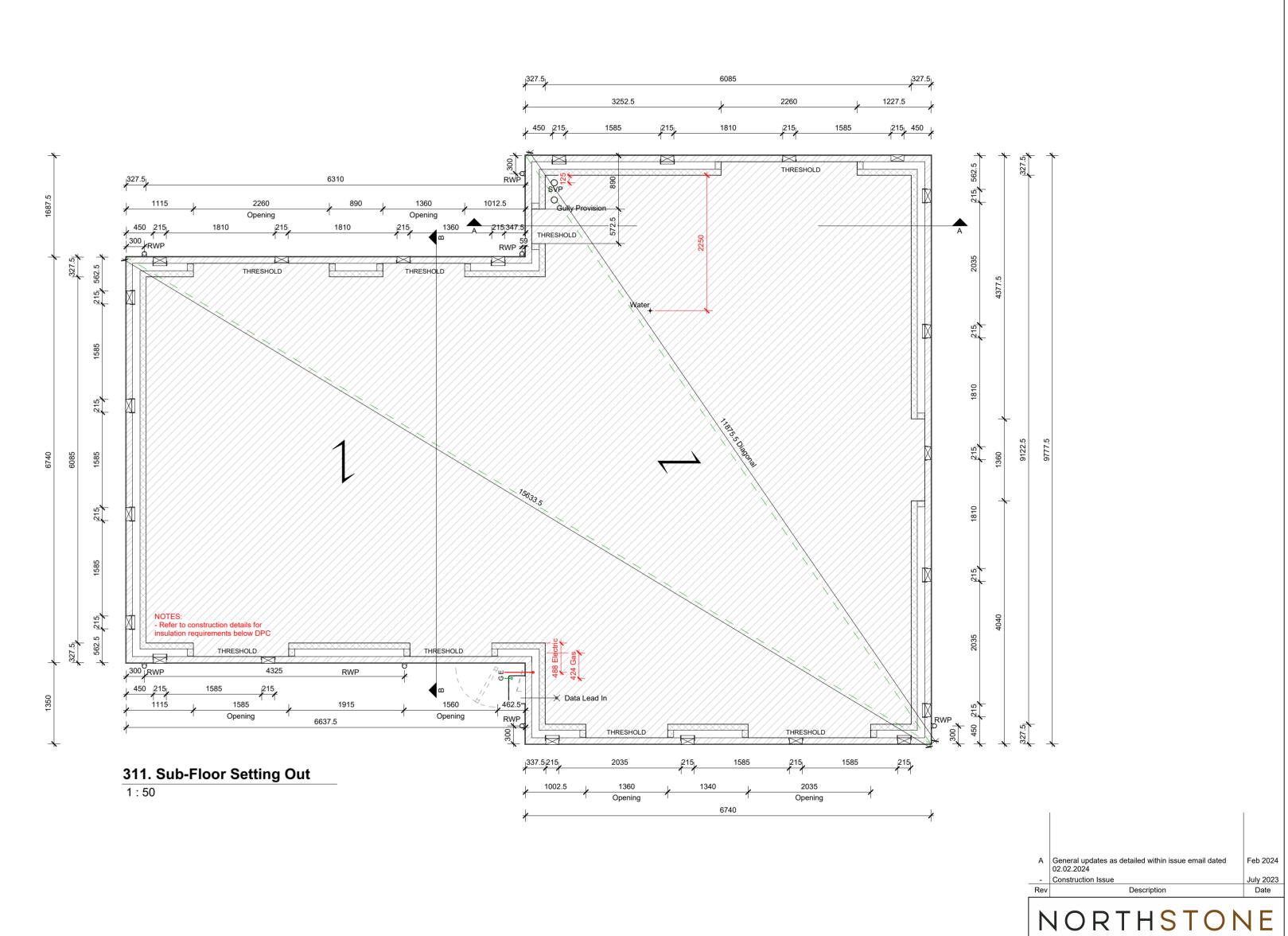
DO NOT SCALE FROM THIS DRAWING. ALWAYS PRINT IN COLOUR.

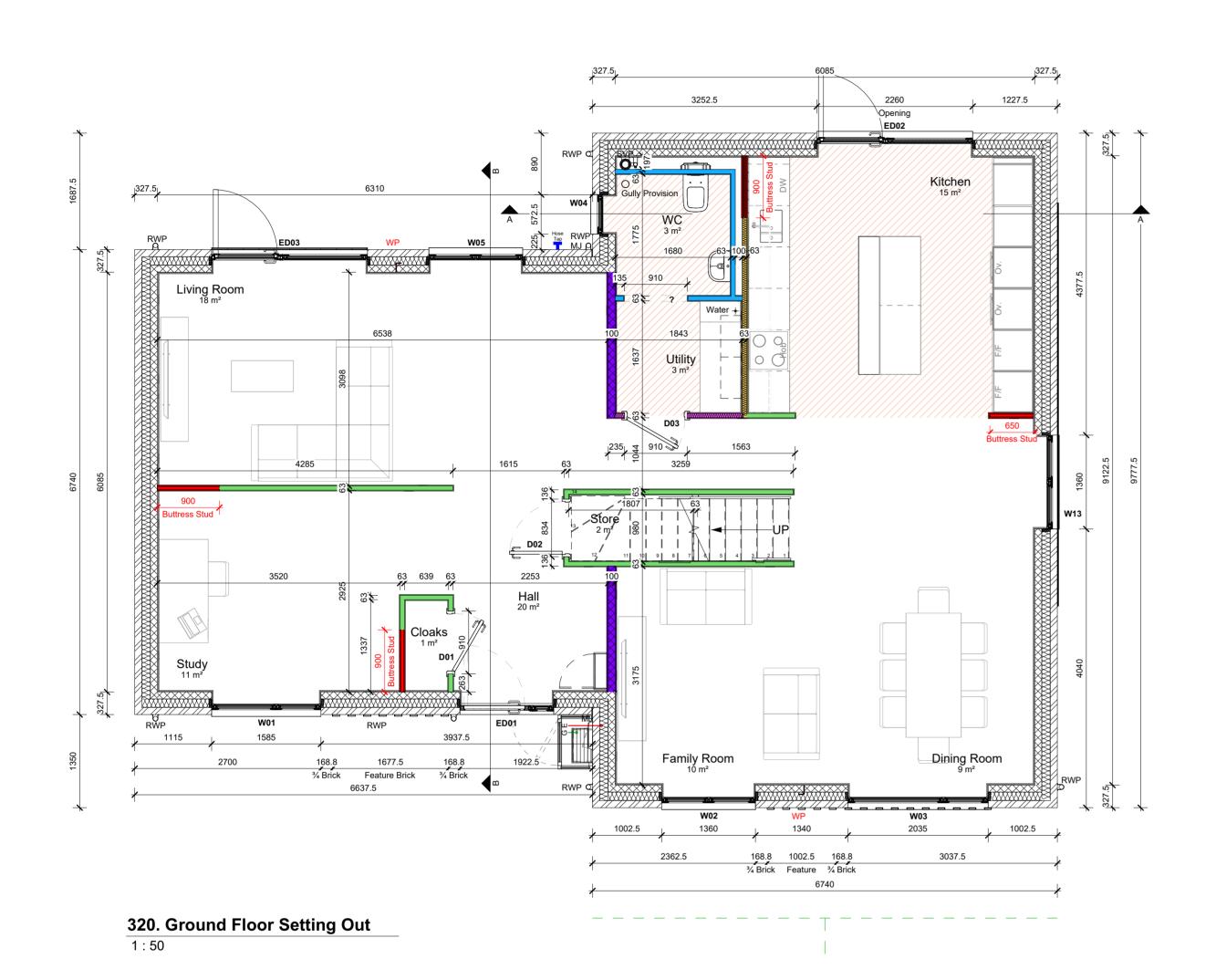
DRAWING NAME

DRAWING NUMBER

2105-310

2105-V3-N (As)

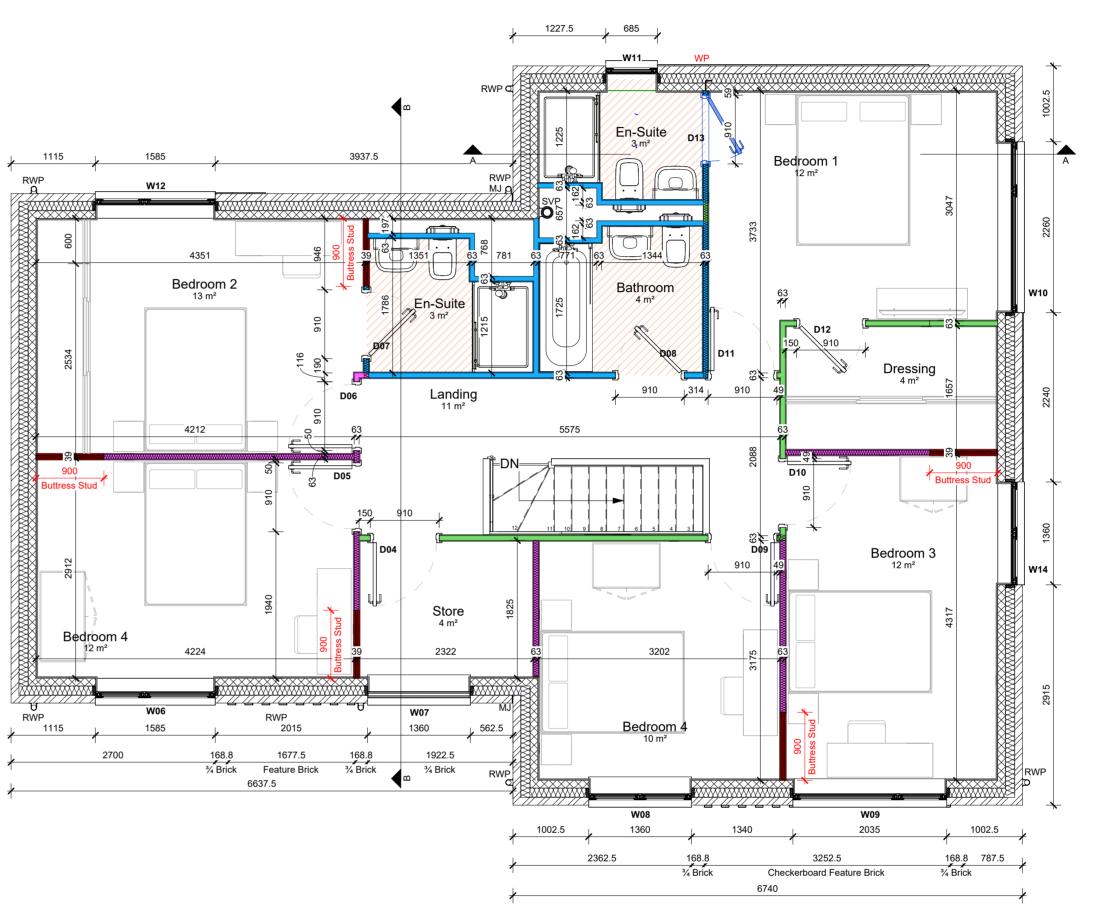




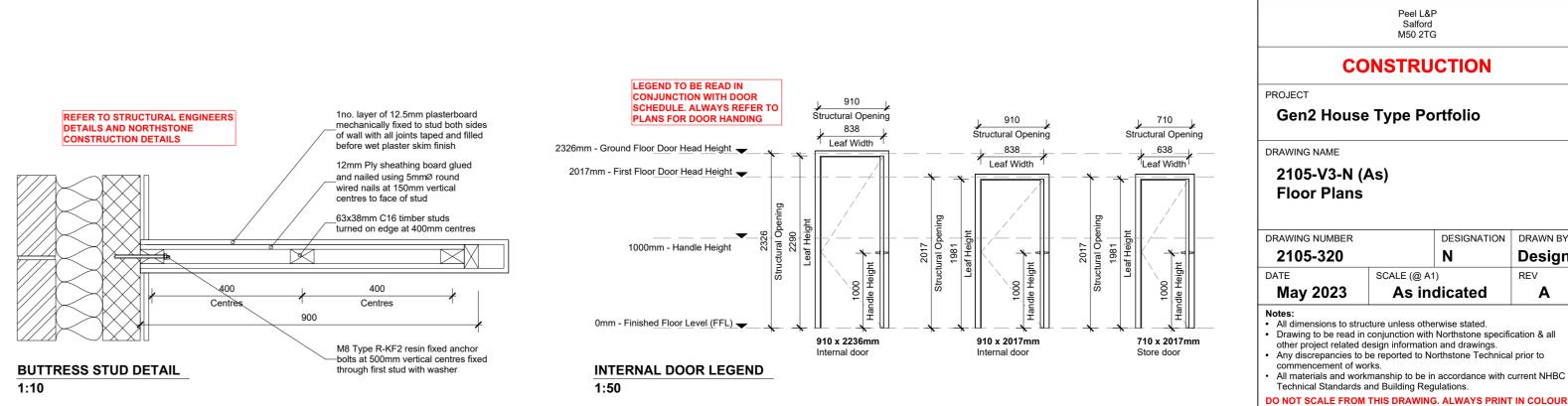
External Door Schedule													
Floor	Door Ref	Width	Height	Door Width	Reveal Depth	U-Value (Door / Sidelight)	Toughened Glass	Glazing Specification	MF Width	Sidelight MF Width	MF Height	Area of Glazing	Notes
Ground Floor FFL/DPC	ED01	1360	2110	1000	50	0.45W/m ² K / 1.15W/m ² K	Yes	Double Glazed	984	344	2061	0.451 m ²	
Ground Floor FFL/DPC	ED02	2260	2110	1000	70	0.90W/m²K / 0.55W/m²K	Yes	Tripple Glazed	984	1244	2061	3.508 m²	
Ground Floor FFL/DPC	ED03	2260	2110	1000	70	0.90W/m²K / 0.55W/m²K	Yes	Tripple Glazed	984	1244	2061	3.508 m²	

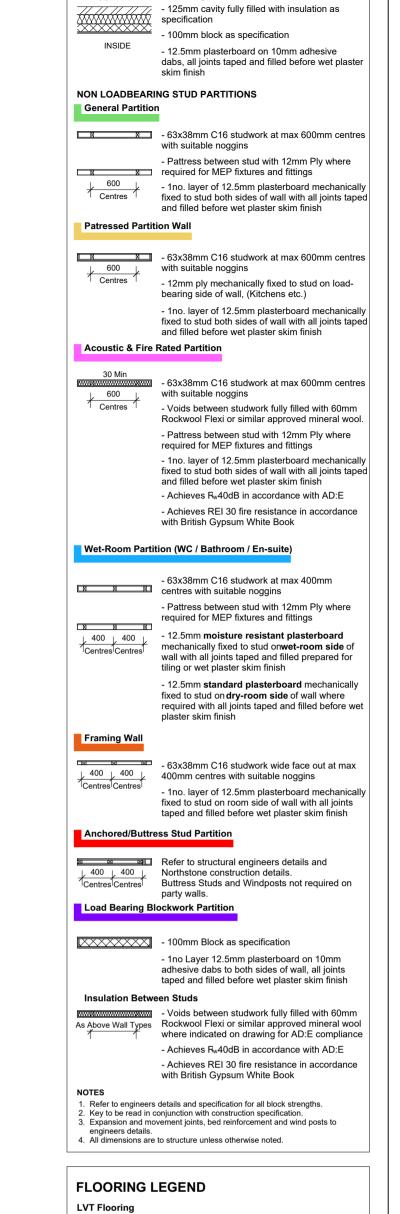
V3 Window Schedule												
Floor	Window Ref	Width	Height	Toughened Glass	U-Value	Reveal Depth	Obscure Glazing	Escape Window	Trickle Vents	Glazing Specification	Area of Glazing	Notes
Ground Floor FFL/DPC	W01	1585	2110	Yes	0.55W/m ² K	70	No	No	Yes	Tripple Glazed	2.545 m ²	
Ground Floor FFL/DPC	W02	1360	2110	Yes	0.55W/m²K	70	No	No	Yes	Tripple Glazed	2.096 m ²	
Ground Floor FFL/DPC	W03	2035	2110	Yes	0.55W/m²K	70	No	No	Yes	Tripple Glazed	3.435 m ²	
Ground Floor FFL/DPC	W04	572.5	2110	Yes	0.55W/m²K	70	Yes	No	Yes	Tripple Glazed	0.871 m ²	
Ground Floor FFL/DPC	W05	1360	2110	Yes	0.55W/m²K	70	No	No	Yes	Tripple Glazed	2.096 m ²	
Ground Floor FFL/DPC	W13	1360	2110	Yes	0.55W/m²K	70	No	No	Yes	Tripple Glazed	2.096 m ²	
First Floor FFL	W06	1585	2110	Yes	0.55W/m²K	70	No	Yes	Yes	Tripple Glazed	2.545 m²	
First Floor FFL	W07	1360	675	No	0.55W/m²K	70	No	No	Yes	Tripple Glazed	0.595 m ²	
First Floor FFL	W08	1360	1510	Yes	0.55W/m²K	70	No	Yes	Yes	Tripple Glazed	1.438 m²	
First Floor FFL	W09	2035	1510	Yes	0.55W/m²K	70	No	Yes	Yes	Tripple Glazed	2.372 m²	
First Floor FFL	W10	2260	2110	Yes	0.55W/m²K	70	No	Yes	Yes	Tripple Glazed	3.880 m²	
First Floor FFL	W11	685	2110	Yes	0.55W/m²K	25	Yes	No	Yes	Tripple Glazed	1.094 m²	
First Floor FFL	W12	1585	2110	Yes	0.55W/m²K	70	No	Yes	Yes	Tripple Glazed	2.545 m ²	
First Floor FFL	W14	1360	2110	Yes	0.55W/m²K	70	No	Yes	Yes	Tripple Glazed	2.096 m ²	

Internal Door Schedule										
Floor	Door Ref	From Room	To Room	Structural Width	Structural Height	Leaf Width	Casing Depth	Fire Rating	Self Closer	Notes
		_								
Ground Floor FFL/DPC	D01	Hall	Cloaks	910	2326	838	96	Not Fire Rated	No	
Ground Floor FFL/DPC	D02	Hall	Store	834	2326	762	96	Not Fire Rated	No	
Ground Floor FFL/DPC	D03	Hall	Utility	910	2326	838	96	Not Fire Rated	No	
First Floor FFL	D04	Store	Landing	910	2017	838	96	Not Fire Rated	No	
First Floor FFL	D05	Bedroom 4	Landing	910	2017	838	96	Not Fire Rated	No	
First Floor FFL	D06	Bedroom 2	Landing	910	2017	838	96	Not Fire Rated	No	
First Floor FFL	D07	En-Suite	Bedroom 2	910	2017	838	96	Not Fire Rated	No	
First Floor FFL	D08	Landing	Bathroom	910	2017	838	96	Not Fire Rated	No	
First Floor FFL	D09	Bedroom 4	Landing	910	2017	838	96	Not Fire Rated	No	
First Floor FFL	D10	Bedroom 3	Landing	910	2017	838	96	Not Fire Rated	No	
First Floor FFL	D11	Bedroom 1	Landing	910	2017	838	96	Not Fire Rated	No	
First Floor FFL	D12	Dressing	Bedroom 1	910	2017	838	96	Not Fire Rated	No	
First Floor FFL	D13	Bedroom 1	En-Suite	910	2017	838	96	Not Fire Rated	No	



330. First Floor Setting Out 1:50

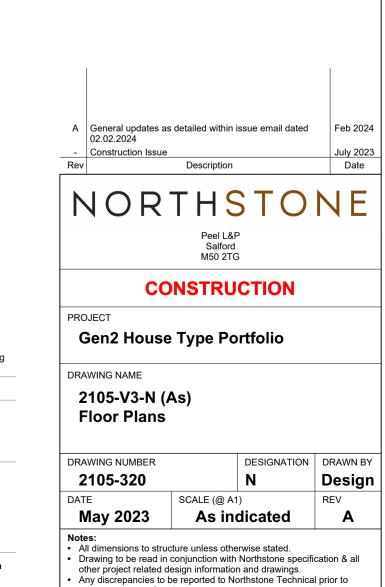




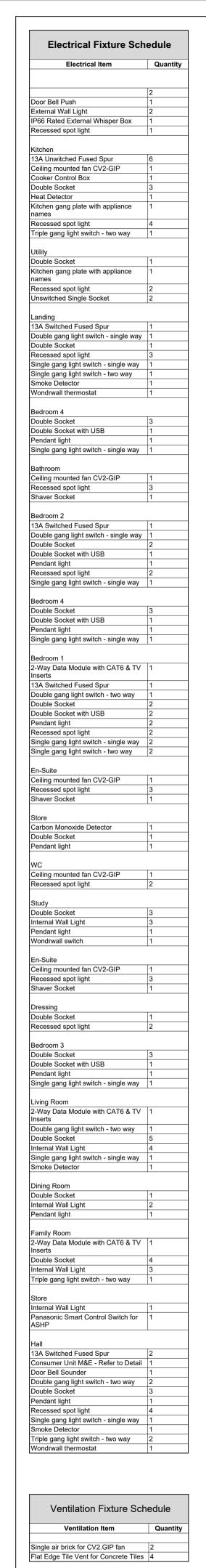
WALL TYPE LEGEND Brick Face External Wall

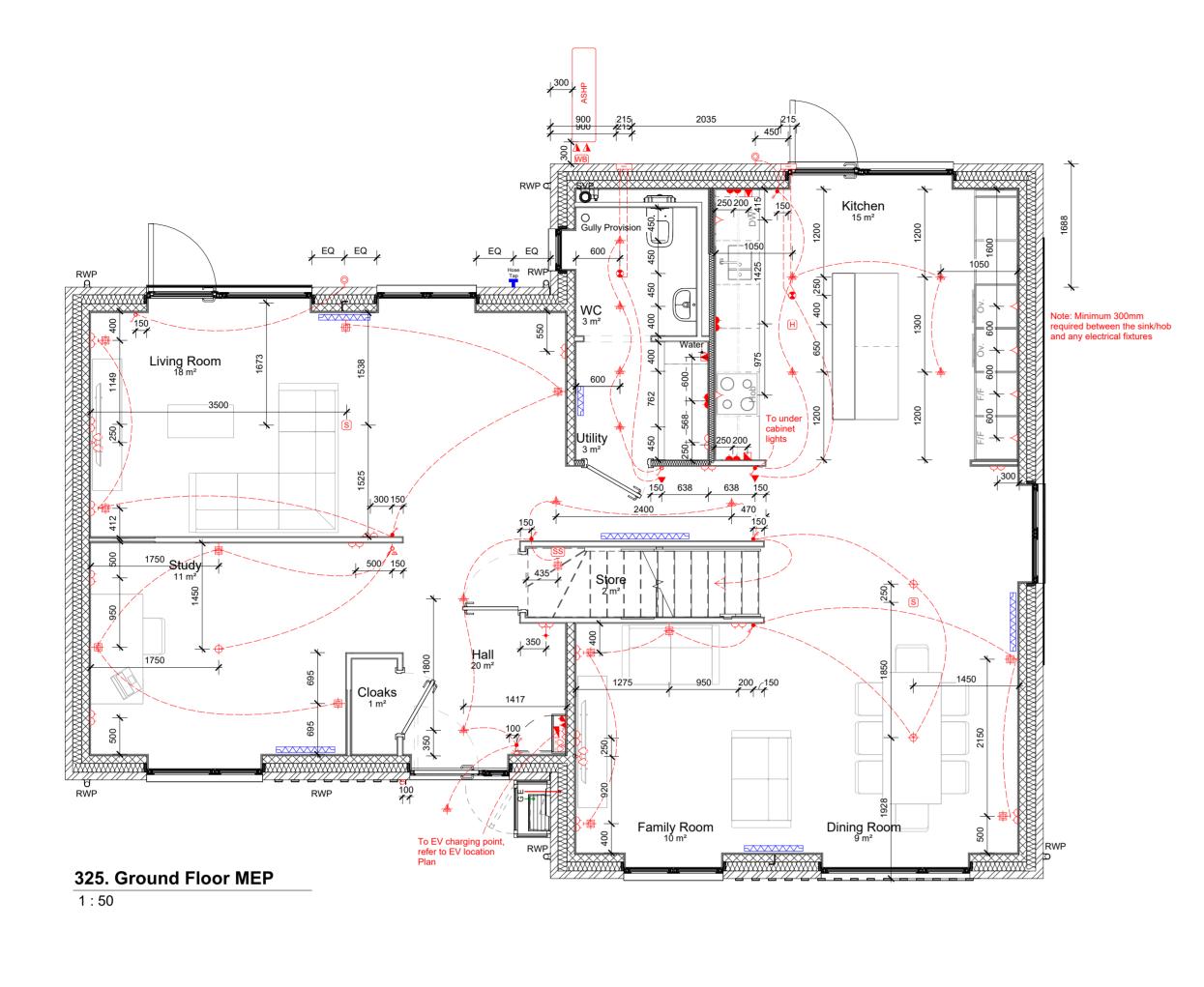
materials plan

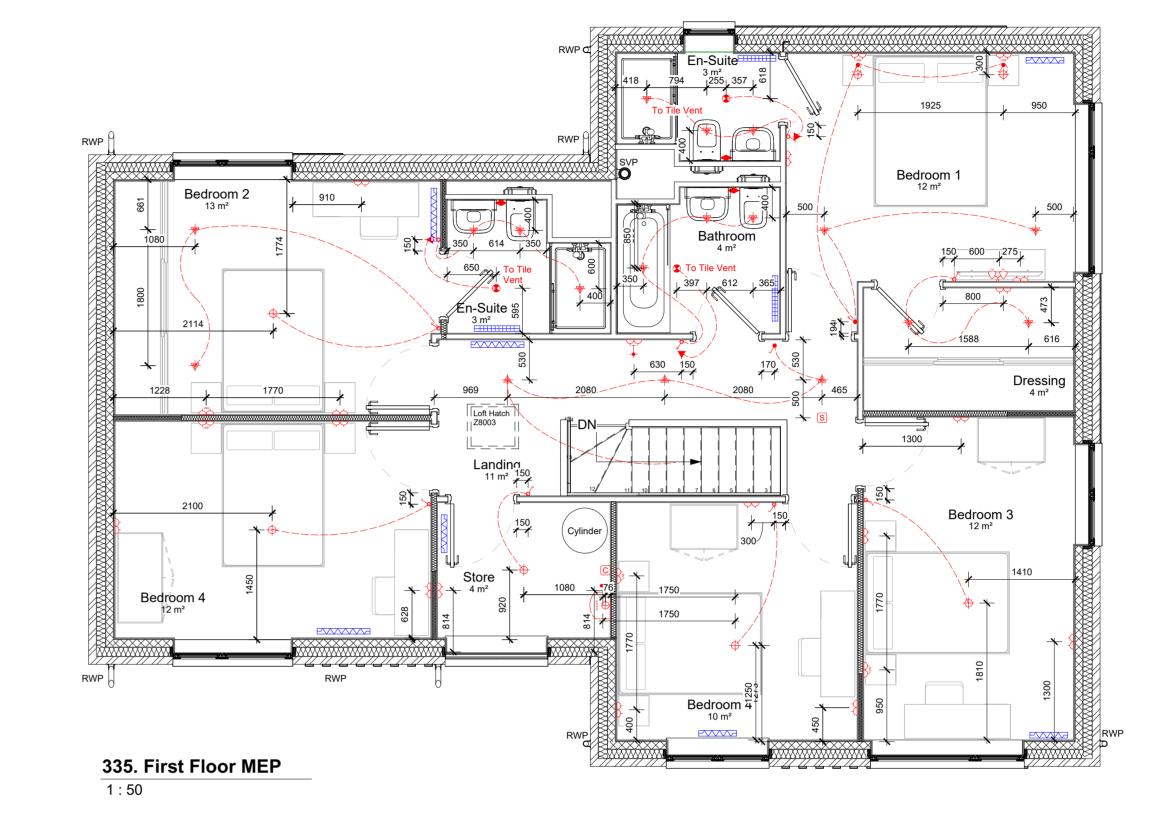
- 102.5mm clay facing brickwork to site specific

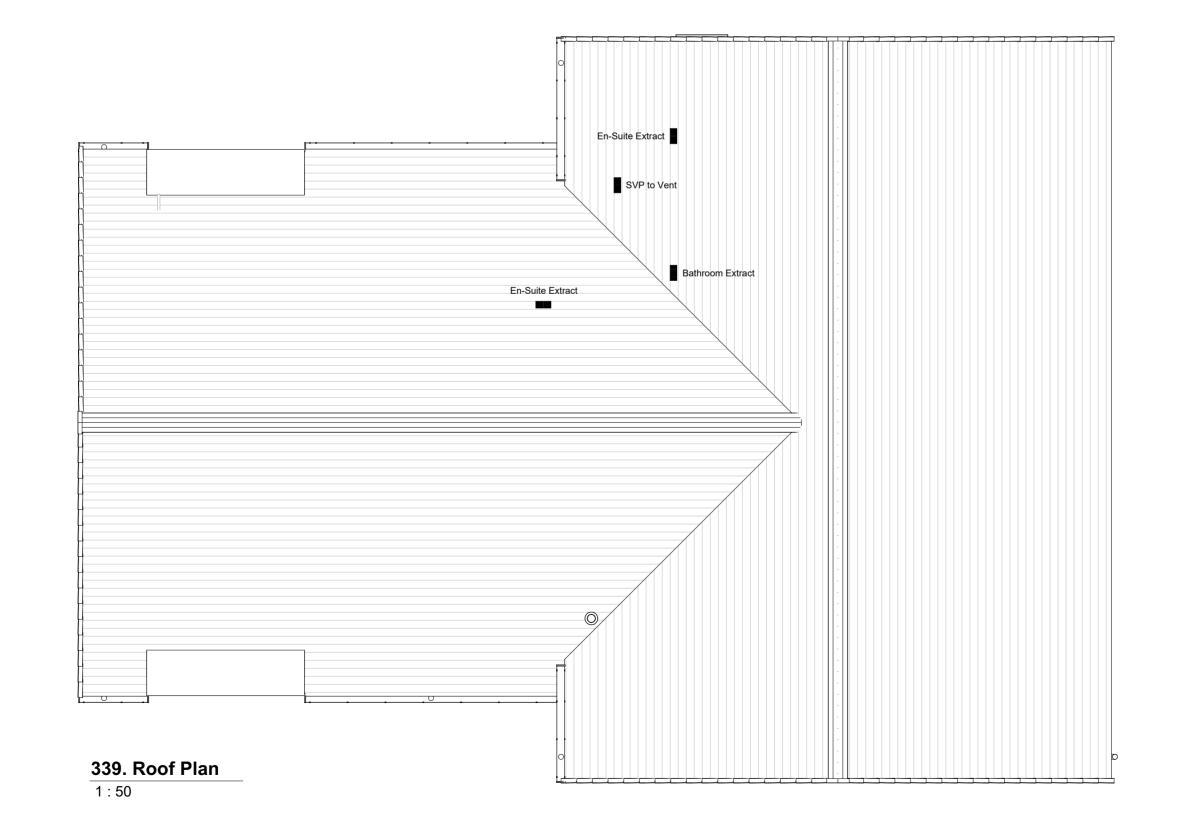


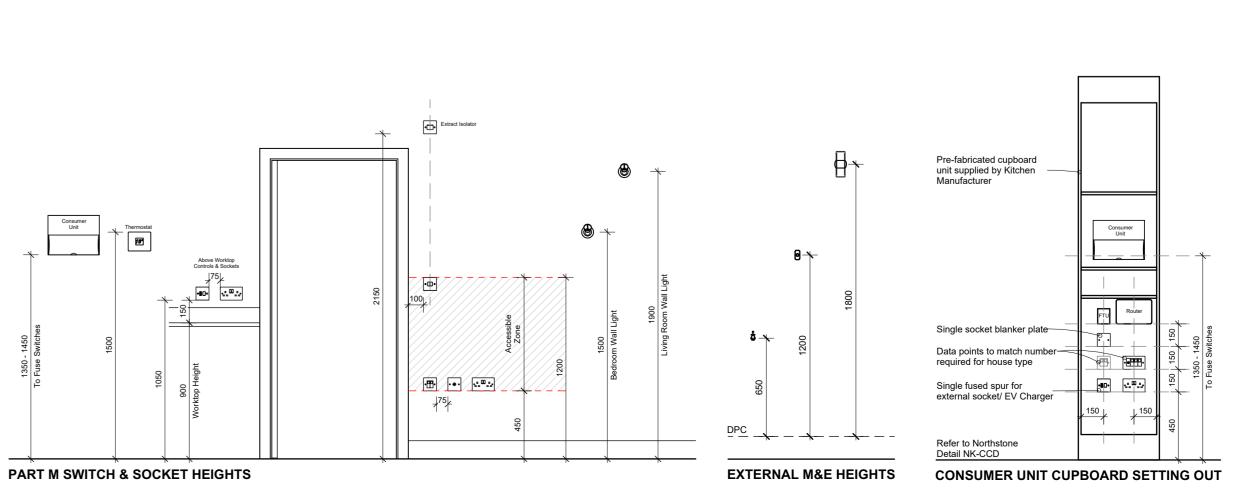
- Vinyl flooring applied as Northstone finishes specification and relevant customer options

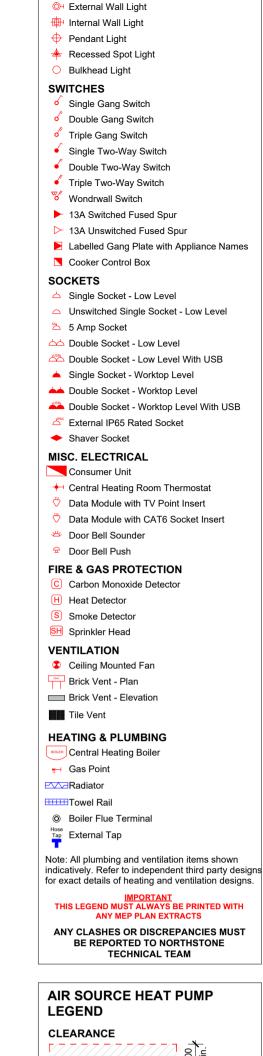






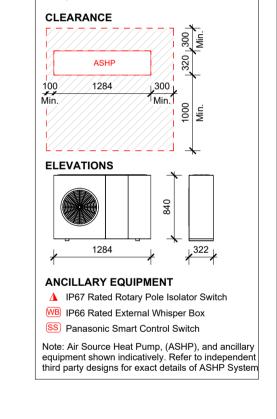


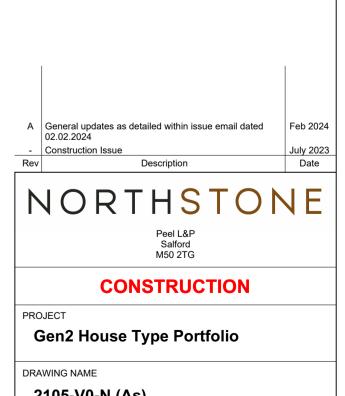


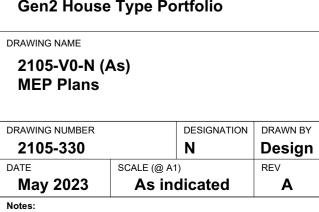


M&E LEGEND

LIGHTING







Notes:

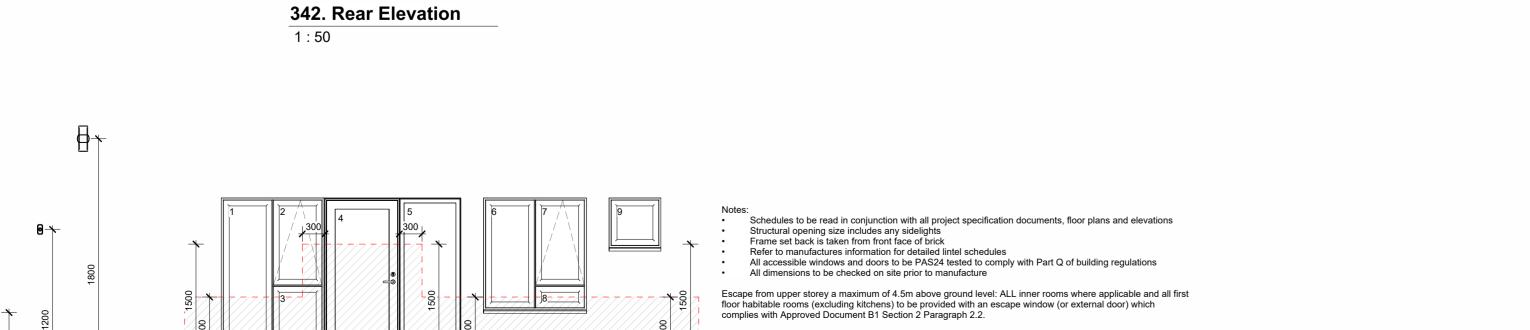
• All dimensions to structure unless otherwise stated. Drawing to be read in conjunction with Northstone specification & all other project related design information and drawings.

And discrepance of the specific state of the

Any discrepancies to be reported to Northstone Technical prior to commencement of works. All materials and workmanship to be in accordance with current NHBC Technical Standards and Building Regulations. DO NOT SCALE FROM THIS DRAWING. ALWAYS PRINT IN COLOUR.







CRITICAL GLAZING DIAGRAM

All glazing in critical locations should: a) If broken, will break safely. b) Be sufficiently robust to resist breaking.

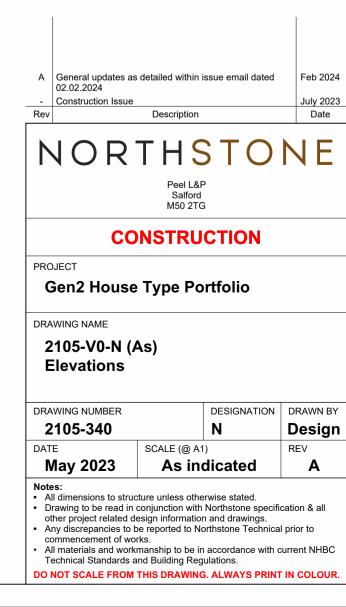
DPC ______

EXTERNAL M&E HEIGHTS

Dwellings with one storey more than 4.5m above ground level: A protected stairway should be provided with minimum 30 minute fire resisting construction at all storey's to comply with Approved Document B1 Section 2 Paragraphs 2.5. Critical glazing locations in internal and external walls for windows, doors and side lights in accordance with BS 6206 and all current building regulations. Shaded area indicates critical locations to which the requirements of Approved Document K(4) applies (i.e. glazing falling within zones 1 2 3 4 5 6 & 8) current building regulations. Shaded area indicates critical locations to which the requirements of Approved Document K(4) applies, (i.e. glazing falling within zones 1, 2, 3, 4, 5, 6 & 8).



343. RHS Elevation 1:50



MEMBRANE KEY

Damp Proof Course (DPC)

Damp Proof Membrane (DPM)

Roof Underlay

Breather Membrane

