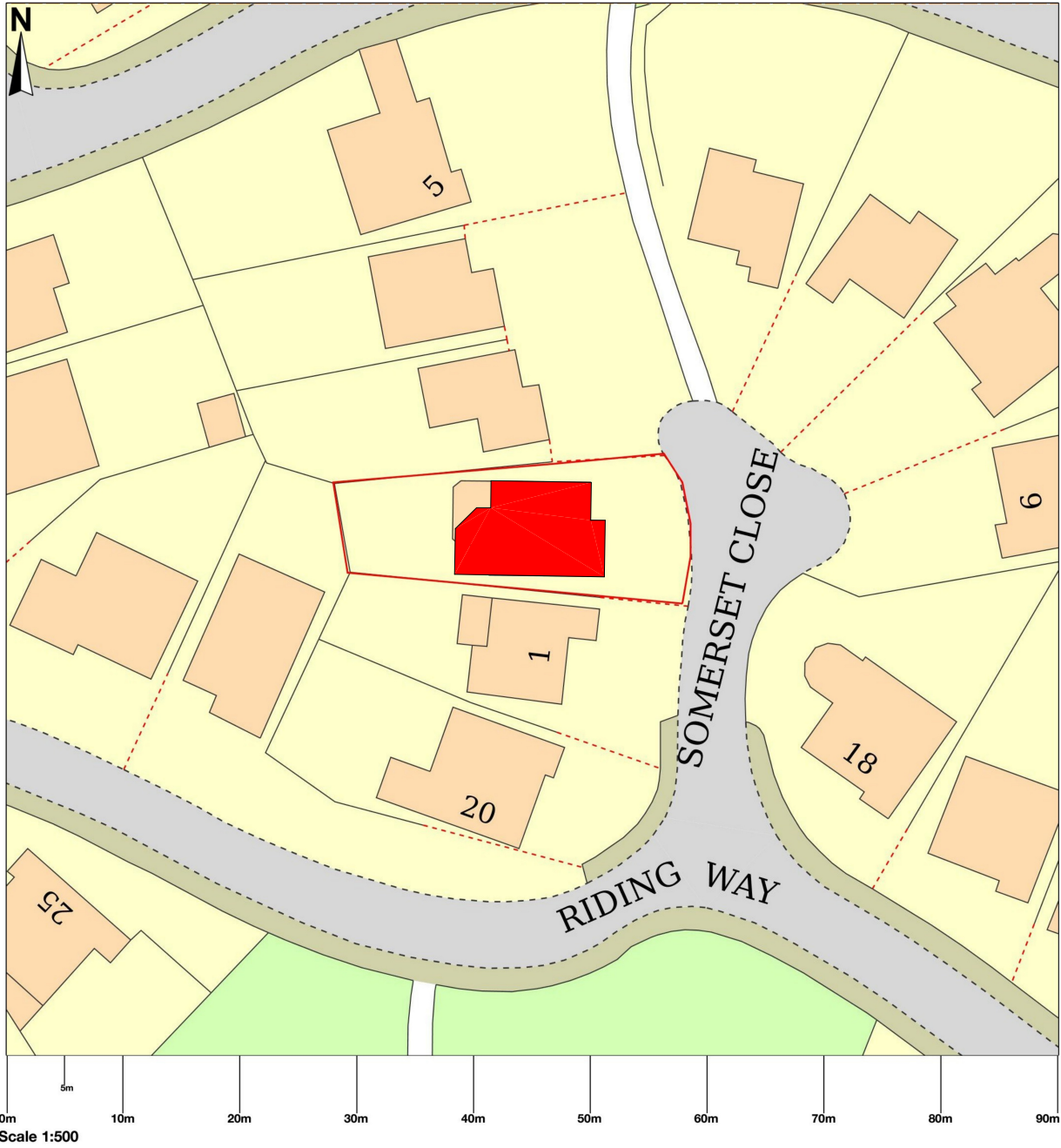
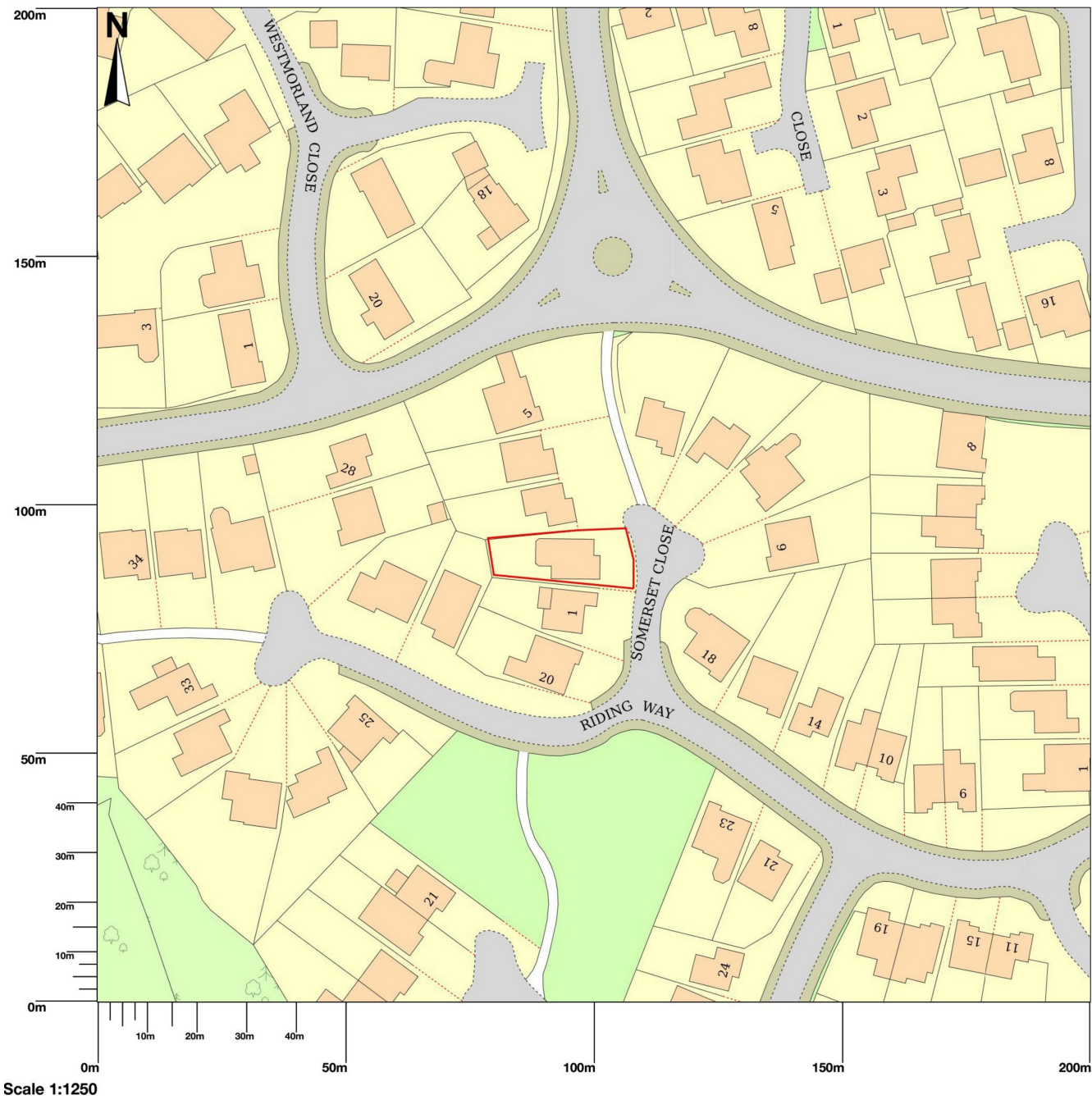




© Crown copyright and database rights 2022 OS 100054135. Map area bounded by: 478898,168550 478988,168640. Produced on 14 December 2022 from the OS National Geographic Database. Supplied by UKPlanningMaps.com. Unique plan reference: b90c/uk/886725/1197108



Layout Page Table	
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9	STRUCTURAL LAYOUT
10	STRUCTURAL LAYOUT
11	WINDOW, DOOR, WALL SCHEDULE
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16	ILLUSTRATIONS

These drawings require structural calculations, they have been completed and should only be used with this set of drawing. All final measurements to be confirmed by builder on-site

THIS PROJECT SHOULD NOT PROCEED WITHOUT FIRST APPOINTING AN APPROVED BUILDING CONTROL OFFICER TO INSPECT THE CONSTRUCTION.

Drainage - All drainage work shall comply with Part H of the Building regulations and shall be tested and approved by the Building Inspector prior to back filling of the trenches.
Soakaways and irrigation pipework to be sized by site percolation test.
Ceilings with soil pipe runs should be 2 layers Plasterboard or similar fixed with staggered joints with skim finish.
The precise location of all existing drains that may be affected by the proposals need to be established and adequate measures taken to avoid any additional loading being imposed upon them.
Any redundant drainage should be removed and filled. Changes in direction and additions to foul water drainage should be accommodated by internal access panels to allow for rodable access in accordance with Approved Document H1

Waste Plumbing - Soil pipes and soil vent pipes to be min. 100mm diameter.
Sink wastes to be 45mm diameter. Basins to be 35mmØ to have self venting traps. Bath, showers and sinks to be 40mm diameter pipes, Basins to be 32mm diameter pipes

External envelope Construction detail - This Project is to comply with Approved document Lv1. External floor element 0.18W/(m2K) , wall elements 0.18W/(m2K), roof elements at 0.15W/(m2K). This

Heating Installation - Shall be designed and installed by the approved Heating Engineer who will commission the completed installation and issue a certificate of compliance as required by Part J of the Building regulations.

Ventilation - Background ventilation provided by trickle vents to casement windows 8000mm2 for habitable and kitchen spaces, 4000mm2 for bathrooms .Mechanical ventilation provided where necessary to:Kitchen -30l/s if adjacent to hob60l/s elsewhere Utility - 30l/s Bathrooms - 15l/s (15mins over-run) Sanitary Accommodation - 6l/s (15mins over-run)

Glazing - All glazed doors & side panels to be glazed with toughened safety glazing.
All windows/ glazed screens below 800mm from floor level to be toughened safety glazing.
Overall casement u-value of 1.4W/(m2K)

Workmanship - To ensure air tightness, mastic seal at all frame/reveal junctions &skirting board/floor junctions. Ensure plasterboard & insulation board abutt tight. Seal insulation/wall junctions at eaves with expanding foam. Seal junction of floor slab & external walls with expanding foam. Ensure that all works & materials are fit for purpose & executed in full accordance with all relevant British Standards, codes of practice, & per Accredited Construction Details.

Electrical Installation - shall be designed and installed in full compliance with the current edition of the IEE Regulations and Part P of the Building Regulations. The completed installation shall be checked, tested and certified as compliant as specified in Part P. All internal light fittings should have low energy light bulbs. Power & light switches between minimum 450mm above F.L. and maximum 1200mm above F.L.



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2 Somerset Close, Woosehill,
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SHEET TITLE

OVERVIEW

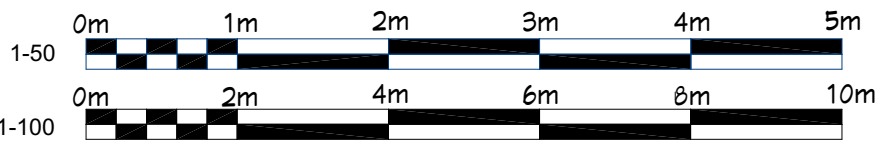
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DATE - 21/07/2024

P1

Revision Table	
Date	Description
01/11/2023	Building Control details added
16/03/2024	Dimensions P5
19/03/2024	Dimensional Change P5
20/07/2024	Dimension changes & Roof design



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SHEET TITLE

FLOOR PLANS

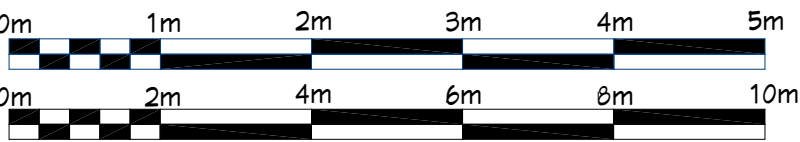
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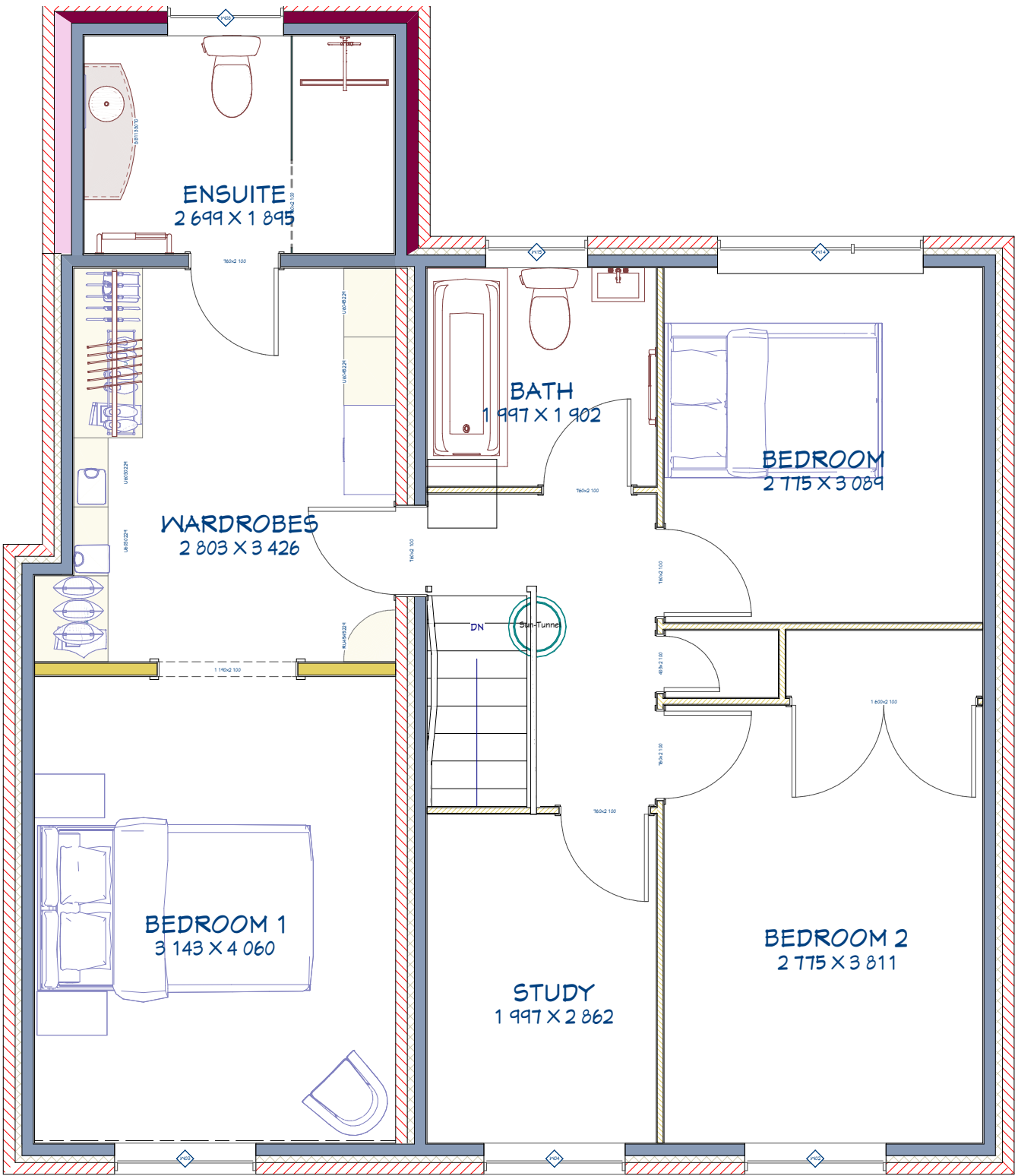
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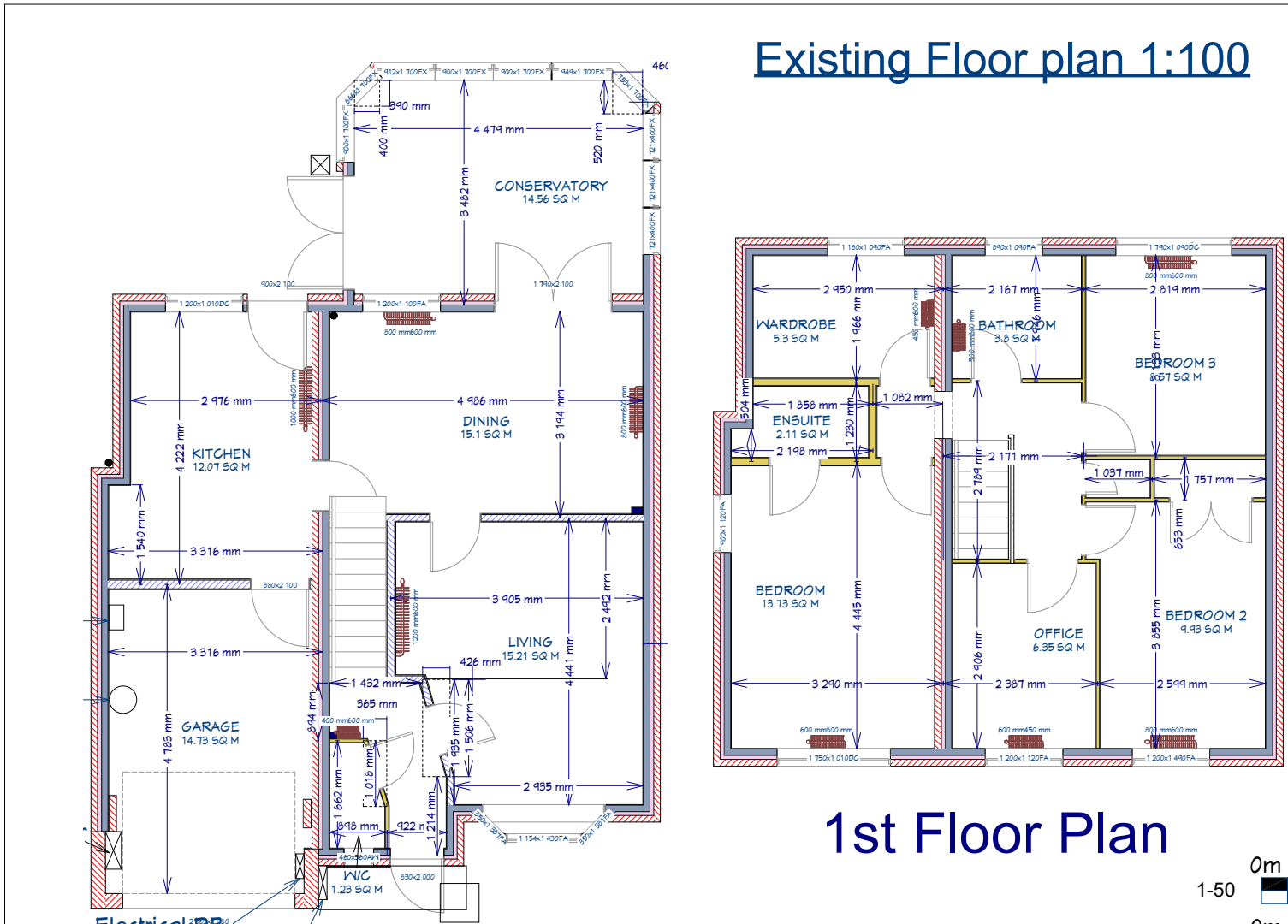
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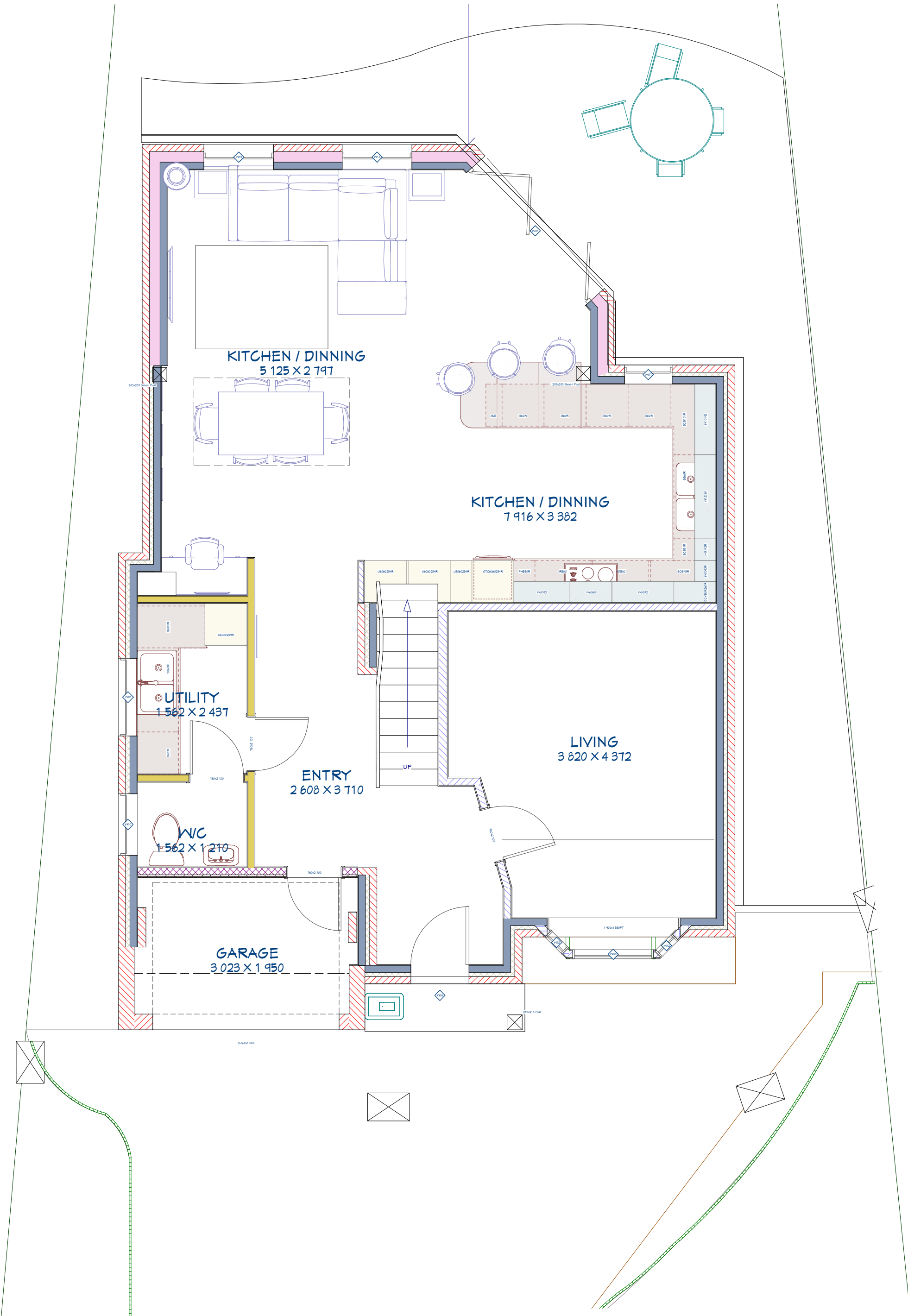


1st Floor plan



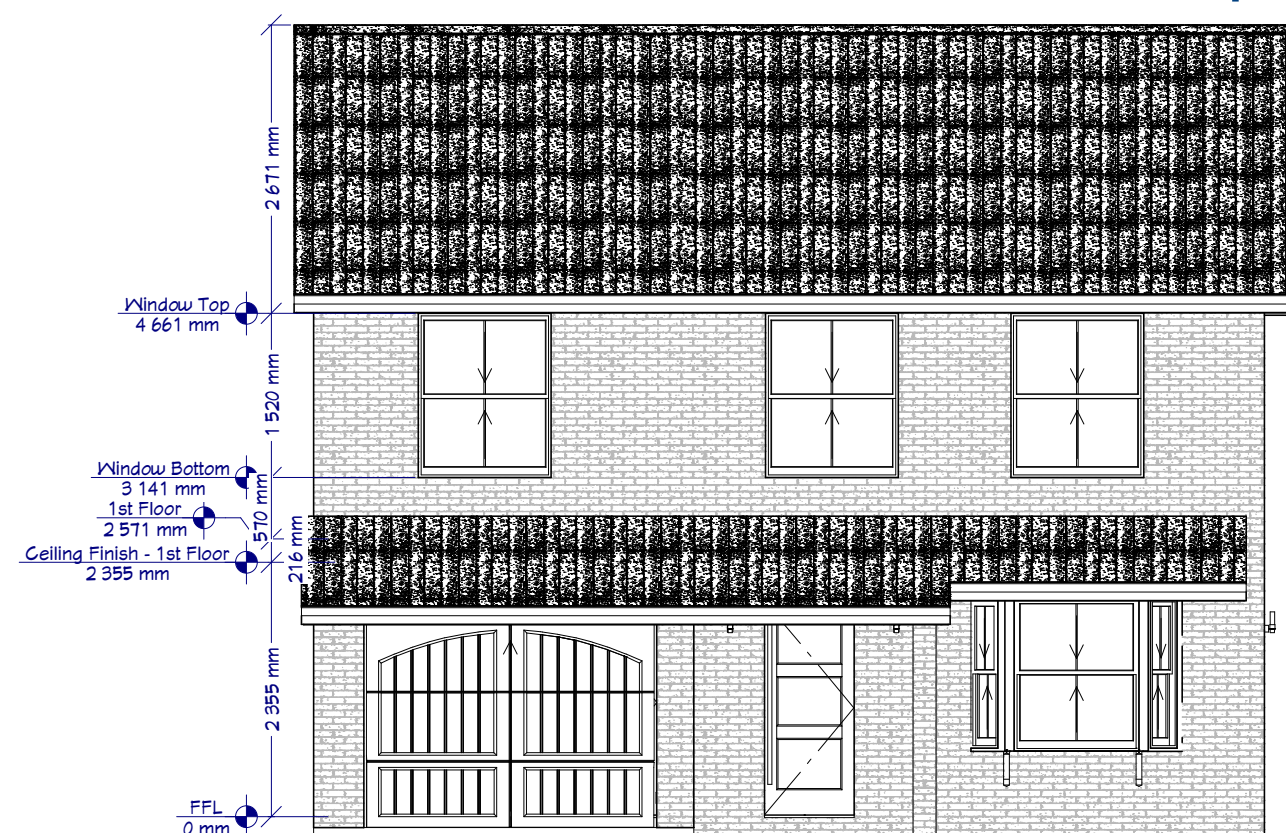
1st Floor Plan

Gnd Floor Plan

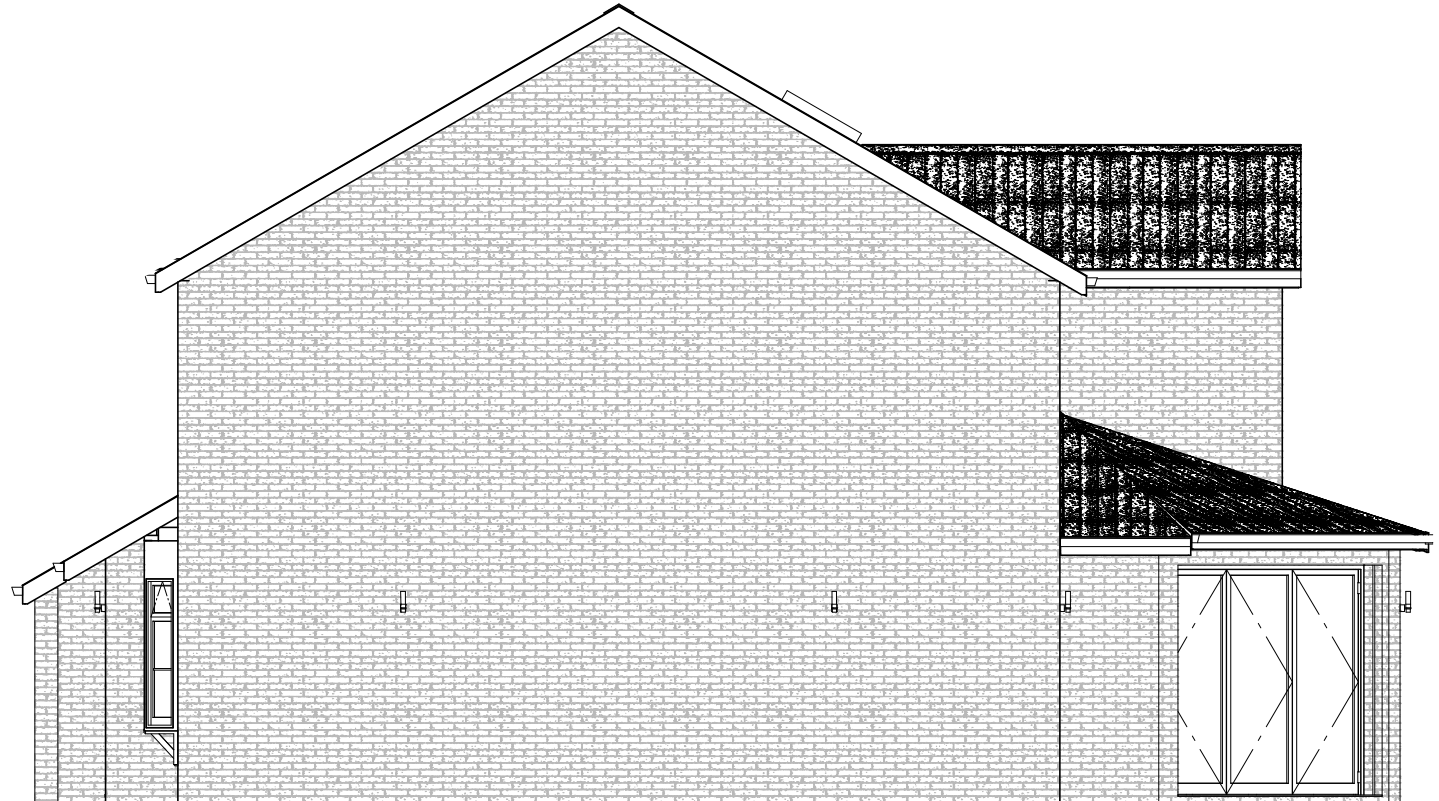


Gnd Floor

Proposed Property Elevation 1-100



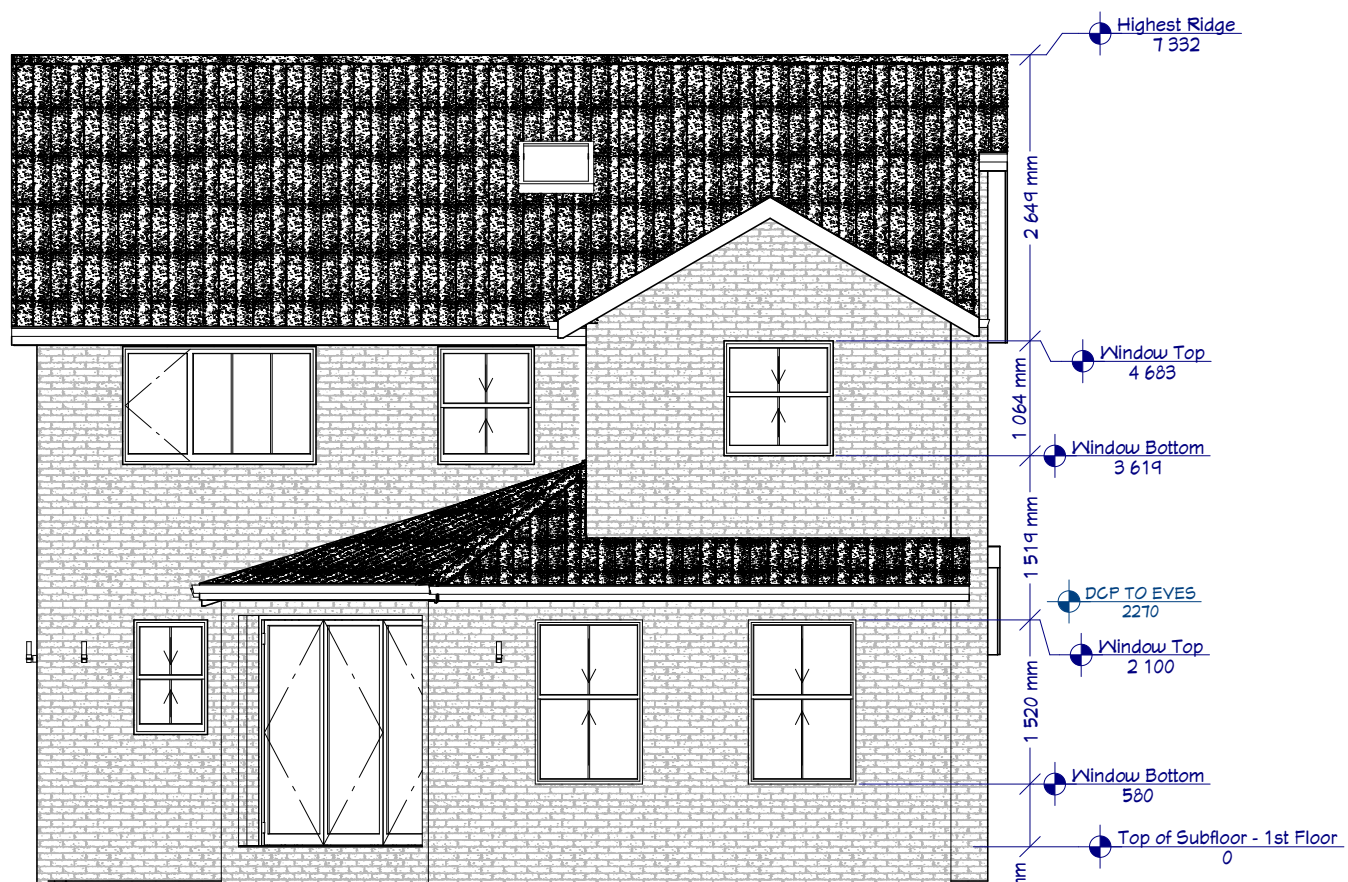
Front Elevation



Left Elevation



Right Elevation



Rear Elevation



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SHEET TITLE

ELEVATIONS

SCALE - 1 : 50

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P4

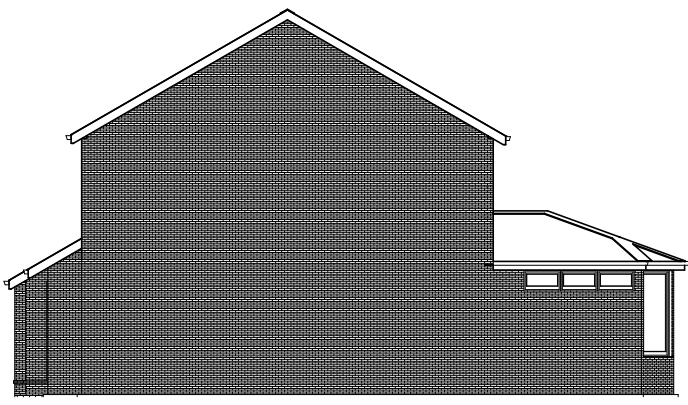
Existing Property Elevation - 1:100



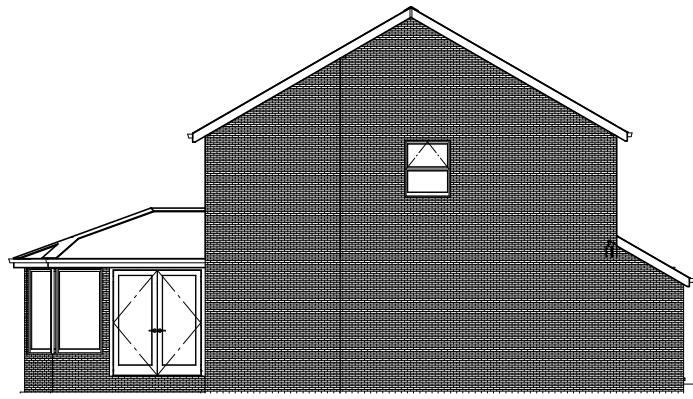
Front Elevation



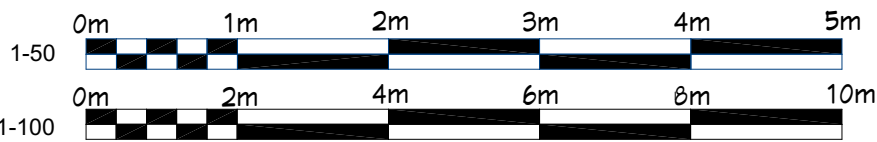
Rear Elevation



Right Elevation



Left Elevation



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SHEET TITLE

DIMENSIONS

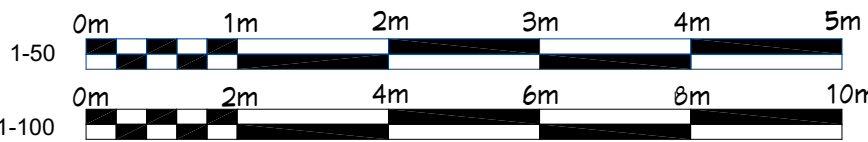
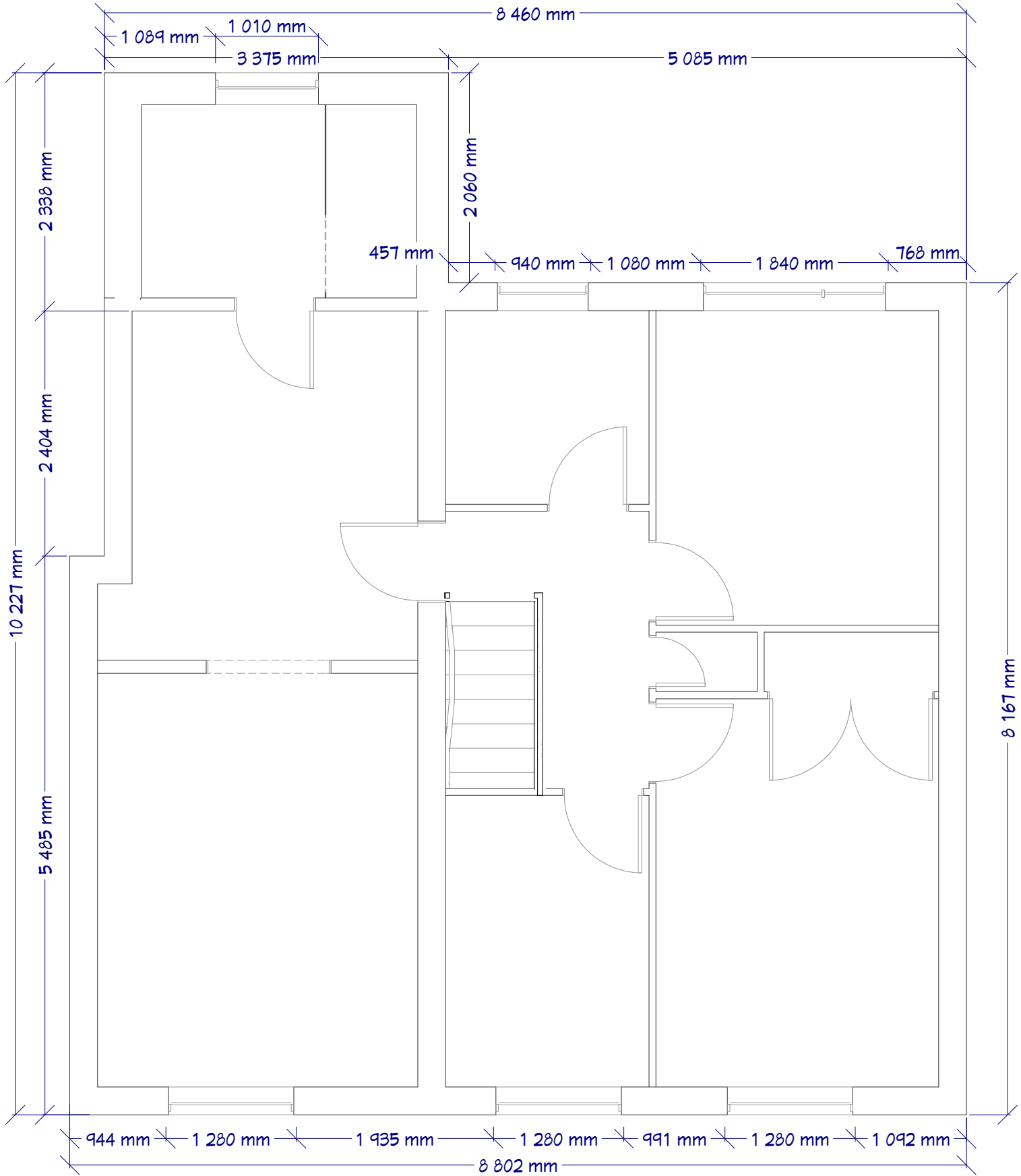
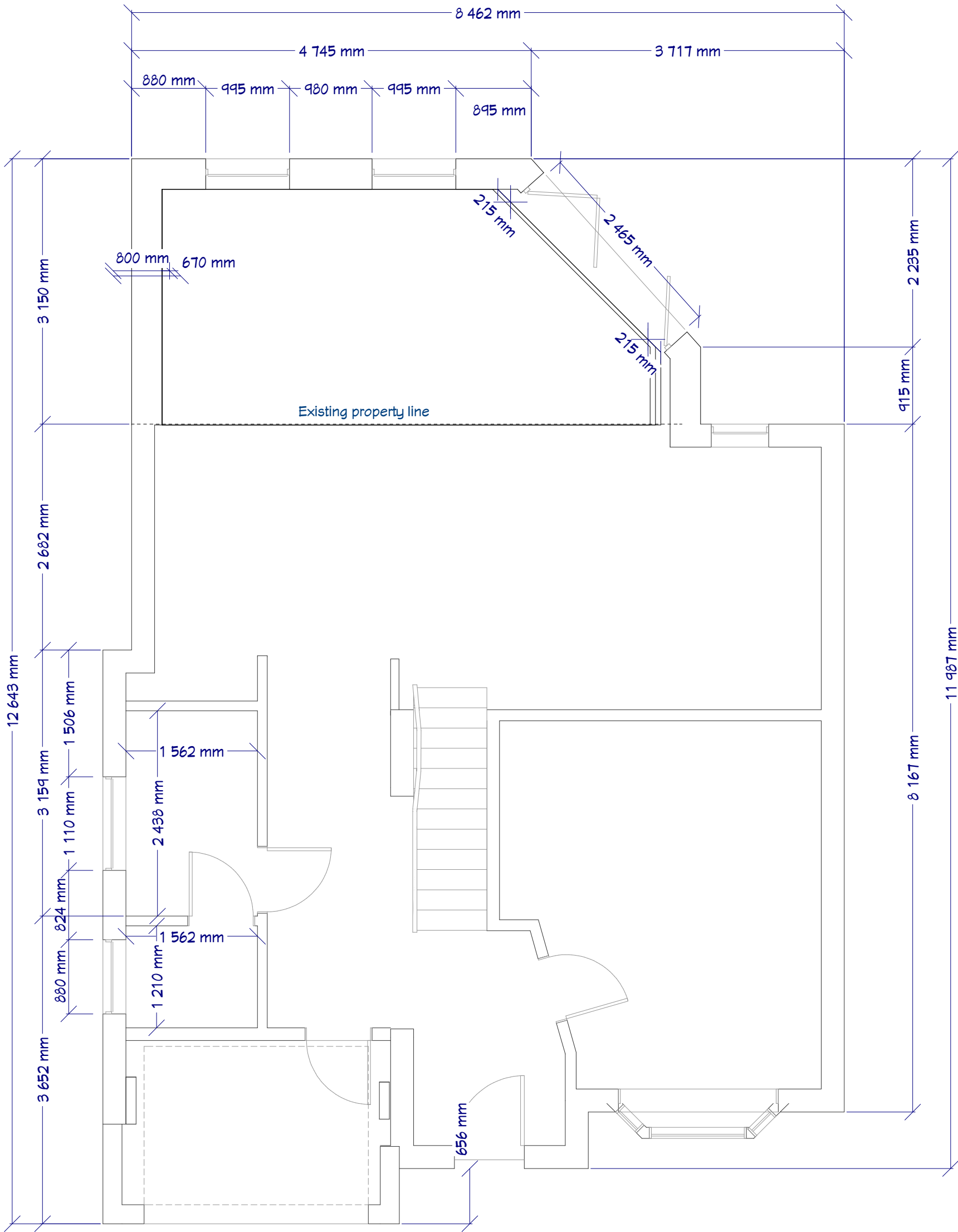
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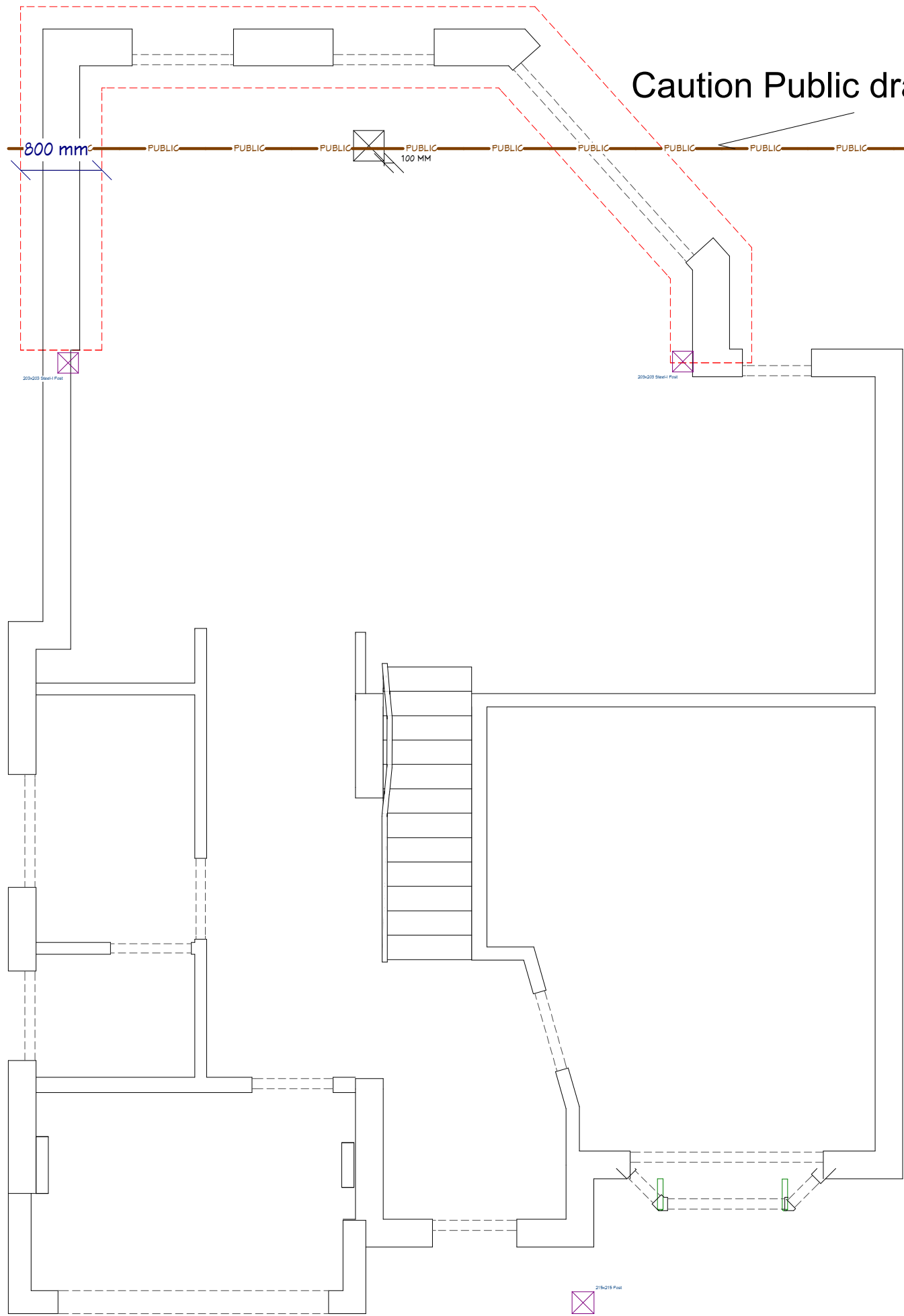
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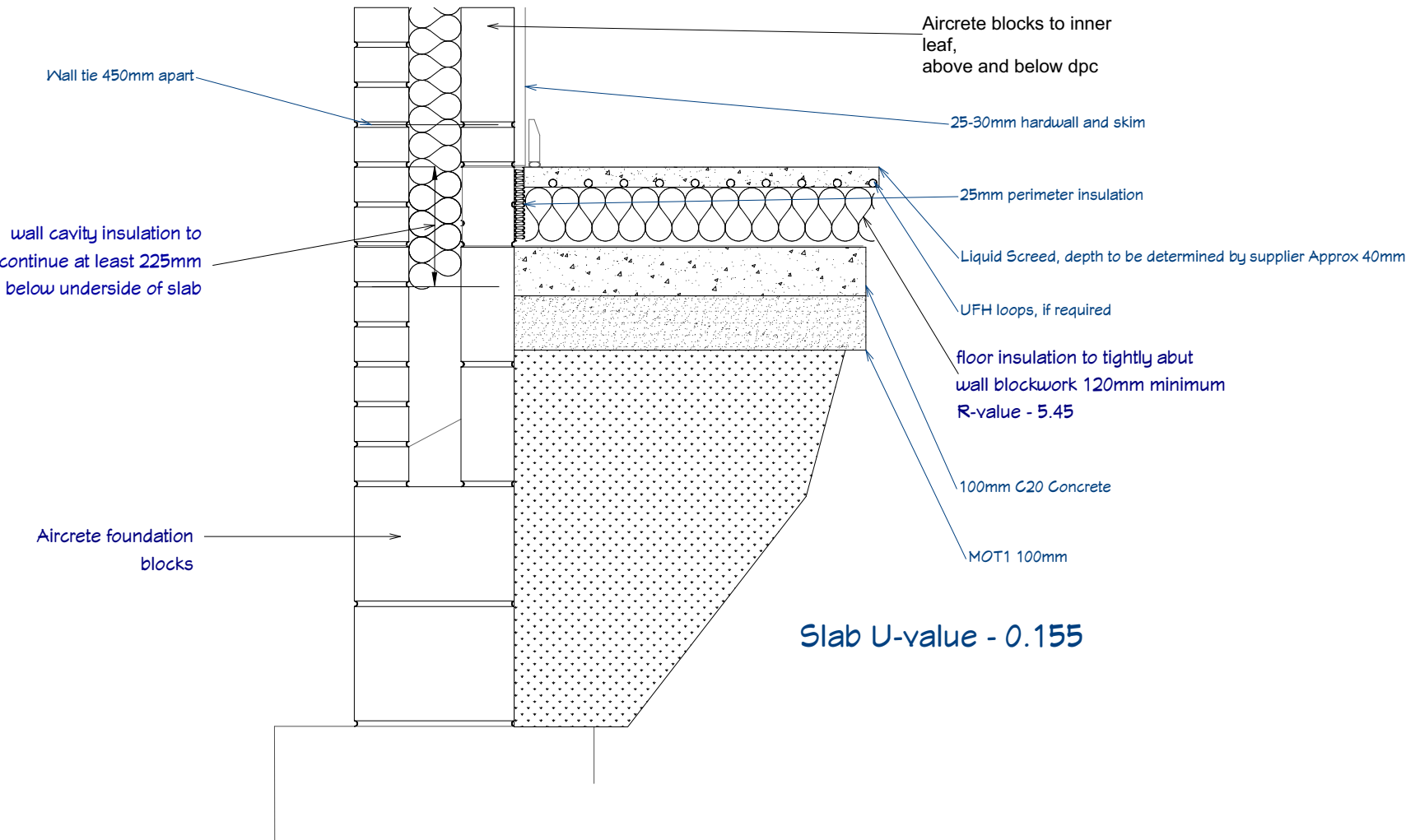
P5



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Caution Public drain approx location



Oversite

Table 10 Minimum width of strip footings								
Type of ground (including engineered fill)	Condition of ground	Field test applicable	Total load of load-bearing walling not more than (kN/linear metre)					
			20	30	40	50	60	70
			Minimum width of strip foundations (mm)					
I Rock	Not inferior to sandstone, limestone or firm chalk	Requires at least a pneumatic or other mechanically operated pick for excavation	In each case equal to the width of wall					
II Gravel or sand	Medium dense	Requires pick for excavation. Wooden peg 50mm square in cross section hard to drive beyond 150mm	250	300	400	500	600	650
III Clay Sandy clay	Stiff Stiff	Can be indented slightly by thumb	250	300	400	500	600	650
IV Clay Sandy clay	Firm Firm	Thumb makes impression easily	300	350	450	600	750	850
V Sand Silty sand Clayey sand	Loose Loose Loose	Can be excavated with a spade. Wooden peg 50mm square in cross section can be easily driven	400	600	Note: Foundations on soil types V and VI do not fall within the provisions of this section if the total load exceeds 30kN/m.			
VI Silt Clay Sandy clay Clay or silt	Soft Soft Soft Soft	Finger pushed in up to 10mm	450	650				
VII Silt Clay Sandy clay Clay or silt	Very soft Very soft Very soft Very soft	Finger easily pushed in up to 25mm	Refer to specialist advice					

Foundations and Oversite

Foundation depth to be confirmed with appointed LBC. Approve document A Table 10 should be followed using Gen1 trench fill concrete.



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SHEET TITLE

FOUNDATIONS / OVERSITE

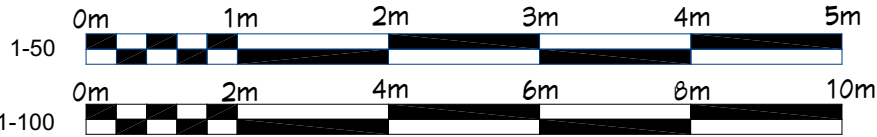
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SHEET TITLE

UNDERGROUND / ABOVE
GROUND DRAINAGE

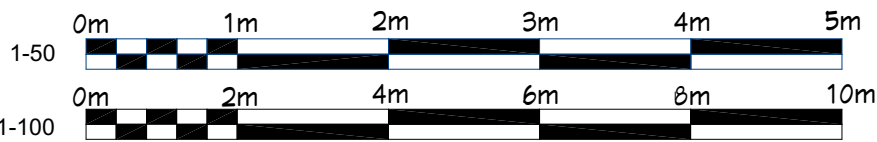
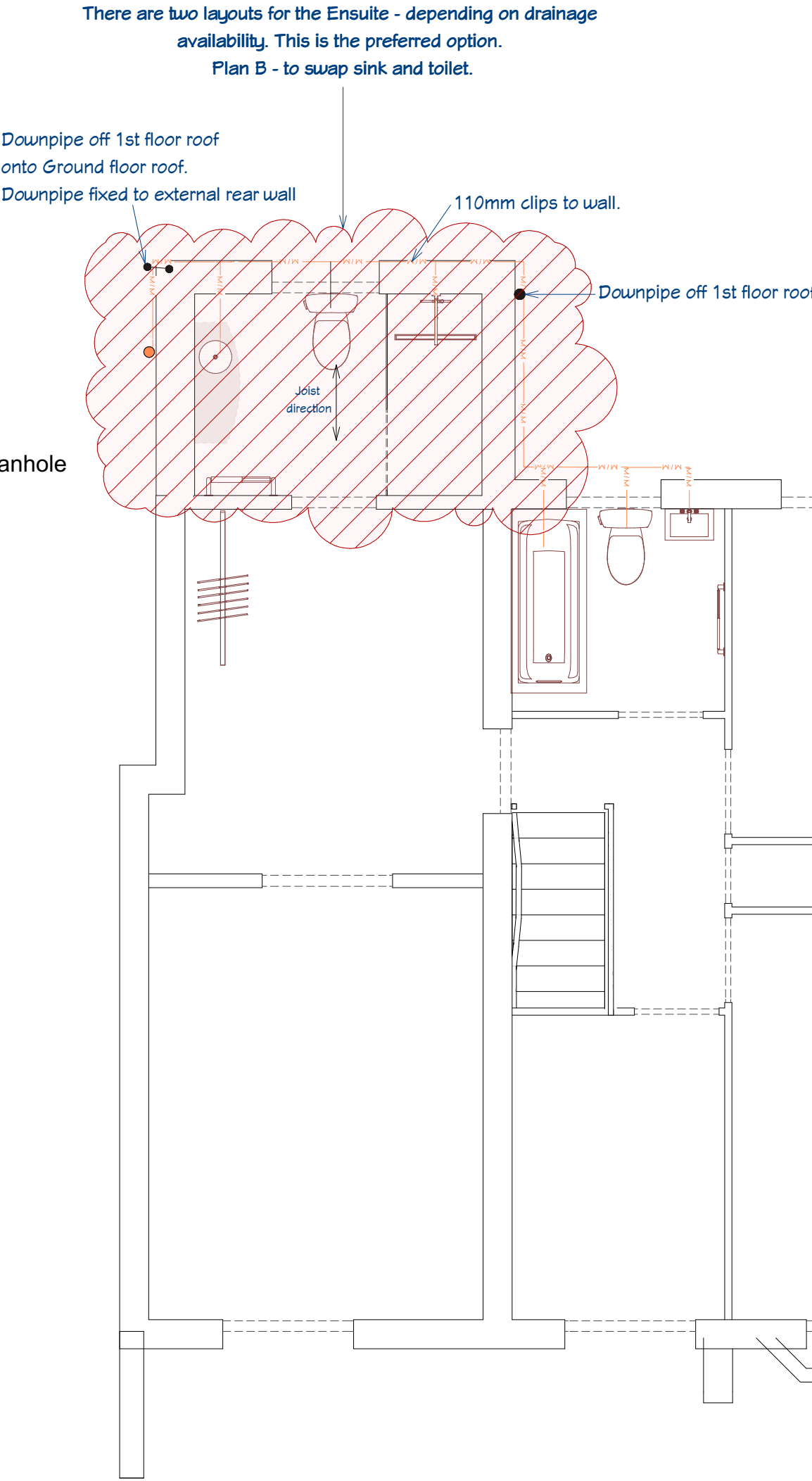
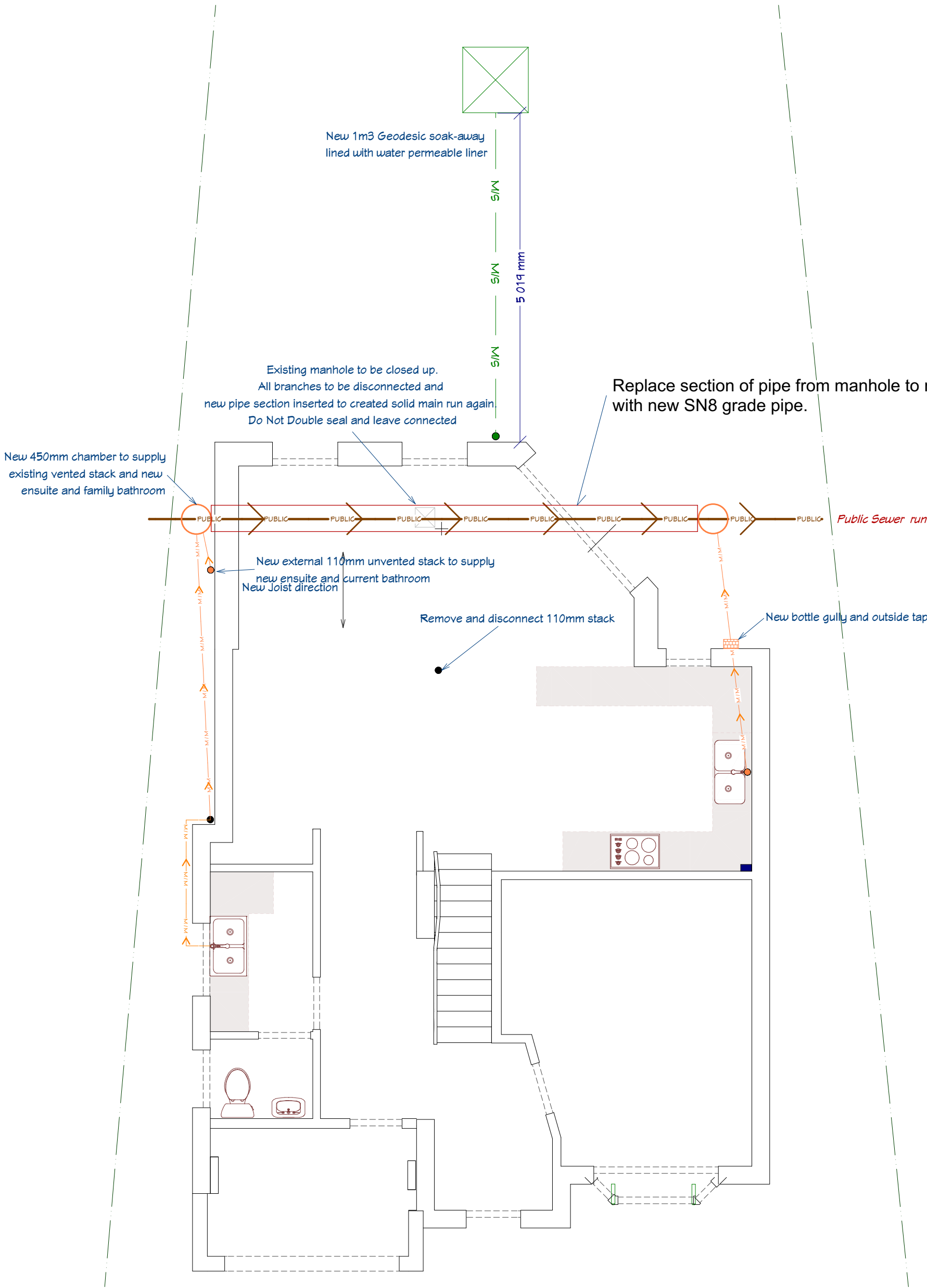
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P7



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