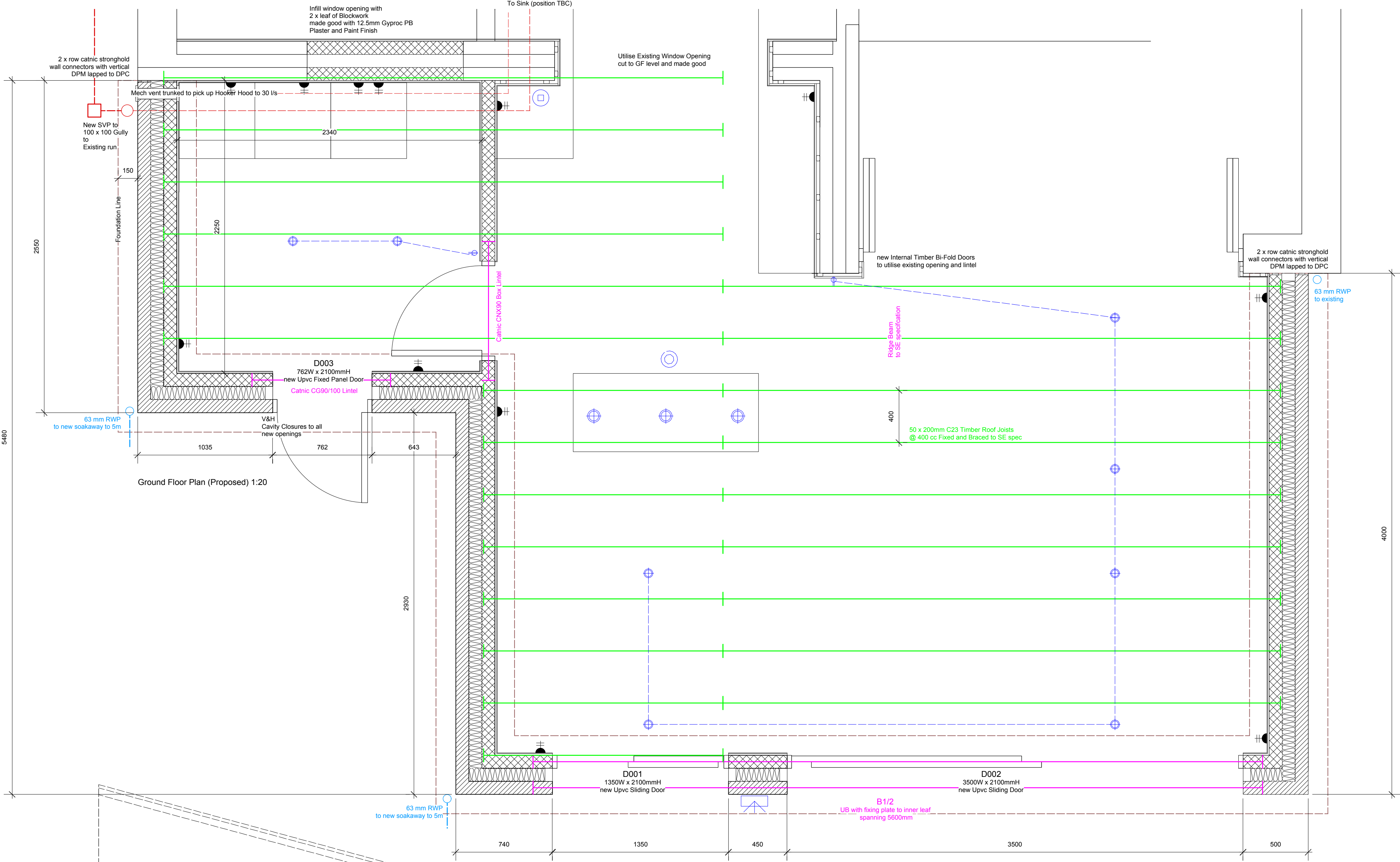


Notes
Drawings are to be checked prior to commencement of building work and any problems are to be brought up at this time. Architectural Design Services accepts no responsibility after work commences. Both approval notices for planning and building regulations are to be checked prior to building for any conditions. Any existing structure that is going to be affected by this development is to be checked for suitability prior to work commencing. All drawings to be used in conjunction with SE calculations and drawings.
Doors and Windows area does not exceed 25 % of new floor area in addition to the area of any windows or doors which, as a result of the extension works, no longer exist or are no longer exposed. Combined method U value of 1.6 W/m²K.
All windows to be glazed with safety glazing and fitted in accordance with manufacturers instructions.
All new steel lintels measured and installed with 150mm minimum over each end of opening.
Existing lintels and foundations subject to additional loading shall be exposed to determine their adequacy.
Cavity trays and closures to be fitted to all appropriate vertical and horizontal breaks and openings.
No trees of significance within 35m of proposal.
Background Ventilation and Intermittent Extraction provided by Manually controlled trickle vents to all new windows and checked on existing windows 1.7m above Floor level to provide suitable background ventilation: Operable window area of 1/10 of internal floor area for rapid purge ventilation of min. 1.73 sqm, Extract ventilation above cooker hood with an extract rate of 30l/s.
All below ground drainage to be measured and assessed in accordance with site conditions.
Heating and Electrical
All electrical work is required to meet the requirements of Part P. Council may require appropriate BS 7671 electrical insulation certificate to be issued for the work by a competent person. New light fittings to take lamps having a luminous efficiency greater than 45 lumens per circuit watt. 100% energy efficient light bulbs to be installed.
Central heating to be completed by GAS SAFE Engineer and thermostatic valves fitted to all new radiators except if room thermostat is fitted.
Structural Calculations
These drawings are to be used in conjunction with the structural engineer's calculations.
All measurements and dimensions to be checked on site by contractors before work commences.
Additional notes
All mean of escape windows to have 0.33sq m unobstructed openable area and be 450H x 450W min, the bottom of the openable area to be no more than 1100mm above the floor.
Extract Fans to be fitted to GF Utility and Cooker(extract rate of 30l/s) and FF Ensuite and bathroom (extract rate of 15l/s)

KEY	
	Single Switch to external lights
	Double dimmer switch to internal lights
	Carbon Monoxide Detector
	Combined Heat and Smoke Detector (Mains Fed w/Battery back-up)
	13 A Double socket
	Recessed LED light fixture
	Pendant light fixture
	Exterior Motion Sensitive Light
	Below Ground Surface Water Drainage
	Below Ground Soil Waste Drainage
	63mm Rain Water Pipe
	90mm Soil Vent Pipe

Job Title	0221 ER/FW
Drawing	Building Regs Drawings
Scale: 1:20 @ A1	
Drg.No.	ADS-003-BC
Drawn by:	NJH
Issued to:	Client
Status:	Prelims.
Date	04.06.18

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Southsea, Hampshire, BT12 5JG



Roofs
Roof Tiles to match existing
25 x 50mm Timber Battens
25mm Airgap
1200 gauge polythene membrane
50 x 200mm C23 Grade Timber Joists
150mm FR5150 Rigid Insulation between &
25mm rigid insulation with foil backed VCL
50 x 150mm C16 Ceiling joists
13mm Gyproc PB
5mm Skim and Painted Finish
U-Value - 0.18 W/m²K

Walls
100mm Exterior Brick
100mm Cavity full filled with rigid insulation
100mm Blockwork Inner Leaf
13mm Gyproc PB
5mm Skim and Painted Finish
U-Value - 0.19 W/m²K

Floors
75mm Concrete Slab
500 gauge VCL Separating Layer
100mm FR5150 Rigid Insulation
1200 gauge DPM lapped to DPC to
min 150mm over Ext Ground level
150mm Concrete Oversite on
Sand Blinded Well Compacted Hardcore
U-Value - 0.18 W/m²K

Section AA (Proposed) 1:20

