

REFER TO HOUSE TYPE THE PLOUGWRITE FOR PLOT 20 SUBSTRUCTURE

Substructure Plan
Plot 21

SUBSTRUCTURE WALL LEGEND (100 mm CAVITY)
SUB-GROUND WALL LEGEND
REFER TO CURRENT CONSTRUCTION SPECIFICATION FOR FURTHER DETAILS

	<p>STANDARD EXTERNAL INSULATED CAVITY WALL (BELOW GROUND)</p> <p>100mm BLOCKS (7.3N/mm²) UP TO 150mm BELOW EXTERNAL GRADE LEVEL, THEN CLASS B ENGINEERING BRICKWORK (102.5mm) TO DPC LEVEL OR 150mm ADJACENT GROUND LEVEL WHERE LOCATED IN UNDER BUILT</p> <p>100mm CAVITY WITH EXPANDED POLYSTYRENE BOARD (THERMAL CONDUCTIVITY 0.038 W/m²/K)</p> <p>100mm AERATED CONCRETE BLOCK / COURSING BRICKS (7.3N/mm²)</p>
	<p>PLINTH STANDARD EXTERNAL INSULATED CAVITY WALL (BELOW GROUND)</p> <p>100mm BLOCKS (7.3N/mm²) UP TO 150mm BELOW EXTERNAL GRADE LEVEL, THEN CLASS B ENGINEERING BRICKWORK (102.5mm) TO DPC LEVEL OR 150mm ADJACENT GROUND LEVEL WHERE LOCATED IN UNDER BUILT</p> <p>50mm AERATED CONCRETE BLOCK / COURSING BRICKS (7.3N/mm²)</p> <p>100mm CAVITY WITH EXPANDED POLYSTYRENE BOARD (THERMAL CONDUCTIVITY 0.038 W/m²/K)</p> <p>100mm AERATED CONCRETE BLOCK / COURSING BRICKS (7.3N/mm²)</p>
	<p>INTERNAL BLOCKWORK PARTITION (BELOW GROUND)</p> <p>100MM BLOCKS (7.3N/mm²) (SUSPENDED GROUND FLOOR BEAM MANUFACTURER'S COURSING BLOCKS / BRICKS AS REQUIRED)</p>
	<p>PARTY WALL (BELOW GROUND)</p> <p>100 mm BLOCKS (7.3N/mm²)</p> <p>100 mm CAVITY WITH EXPANDED POLYSTYRENE BOARD (THERMAL CONDUCTIVITY 0.038 W/m²/K)</p> <p>100 mm BLOCKS (7.3N/mm²)</p>

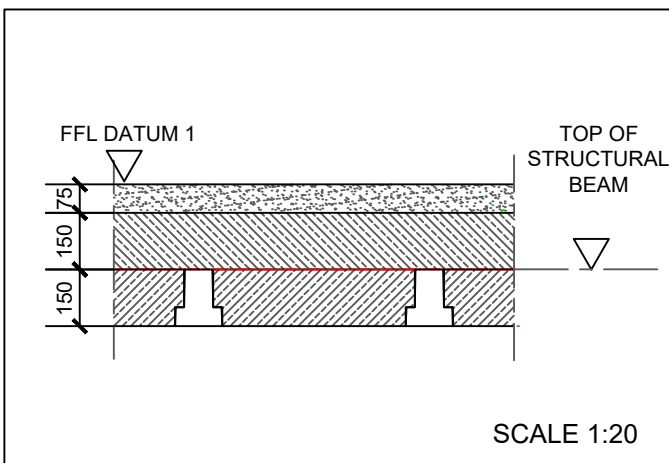
GAS MEMBRANE REQUIRED:

MIN 200gsm DPM/REINFORCED DPM REQUIRED TO JETFOUR SUBSYSTEM WITH JOINTS & PENETRATIONS SEALED AND UNDERFLOOR VENTING. ALL TO BE DESIGNED AND INSTALLED BY A COMPETENT SUBCONTRACTOR IN ACCORDANCE WITH BS EN 12063. INSTALLATION VERIFICATION PROVIDED.

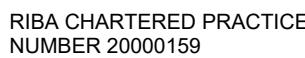


Substructure Plan Plots 23 & 24

JET FLOOR SYSTEM



WADP Limited Registered in England No. 4564928
Registered office: Station House, Connaught Road, Brookwood,
GU24 0ER



Drawings not to be scaled.
Work to figured dimensions only.
All dimensions to be checked on site, and any
discrepancies reported to the Architect immediately

All drawings are to be read in conjunction the BELLWAY Company Specification and Project Specifications, Company Standard Details and with the current Building Regulations and Codes of Practice.

It is the Contractor's responsibility to ensure that all works are carried out in accordance with the same.

All concrete work to be carried out in accordance with BS EN 1992-1-1:2004.

All brickwork and blockwork to be carried out in accordance with BS EN 1996-1-2:2005.

All structural steelwork to be carried out in accordance with BS EN 1993-1-1:2005 Steelwork to be Grade S275.

All structural timber to be used in accordance with BS EN 1995-1-1:2004 and is to be preservative treated in accordance with BS4072.

All plumbing to be in accordance with BS6700, BS EN 12056, BS6465:Part 1 and BS6367.

All glass falling within critical zones as defined by Part N of the Building Regulations is to be toughened or safety glass in accordance with BS EN 12600

All building works to be undertaken in accordance with Robust Enhanced Accredited Details.

WADP

ARCHITECTS

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REGENT'S GATE
VIRGINIA WATER SOUTH

THE BAKER Substructure

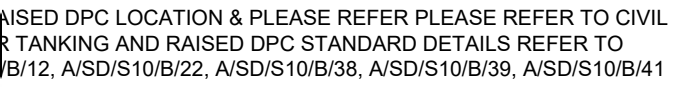
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March 2024

CB

DP.659.022 BAKER 10

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Substructure Plan
Plot 20

Substructure Plan Plot 25

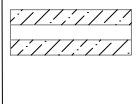
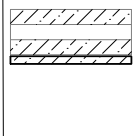
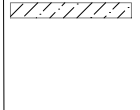

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	<p>PARTY WALL (ABOVE GROUND)</p> <p>100 mm BLOCKS (7.3N/mm²)</p> <p>100 mm CAVITY WITH EXPANDED POLYSTYRENE BOARD (THERMAL CONDUCTIVITY 0.038 W/M²/K)</p> <p>100 mm BLOCKS (7.3N/mm²)</p>
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Figure 10.10 is a section view of a beam-column joint. The diagram shows a cross-section of a beam and column. The beam has a total height of 150 units, with a top layer of 75 units and a bottom layer of 75 units. The column has a total height of 150 units, with a top layer of 75 units and a bottom layer of 75 units. The beam is supported by the column. The top of the structural beam is indicated by a dashed line. The FFL datum is indicated by a triangle. The scale is 1:20.

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