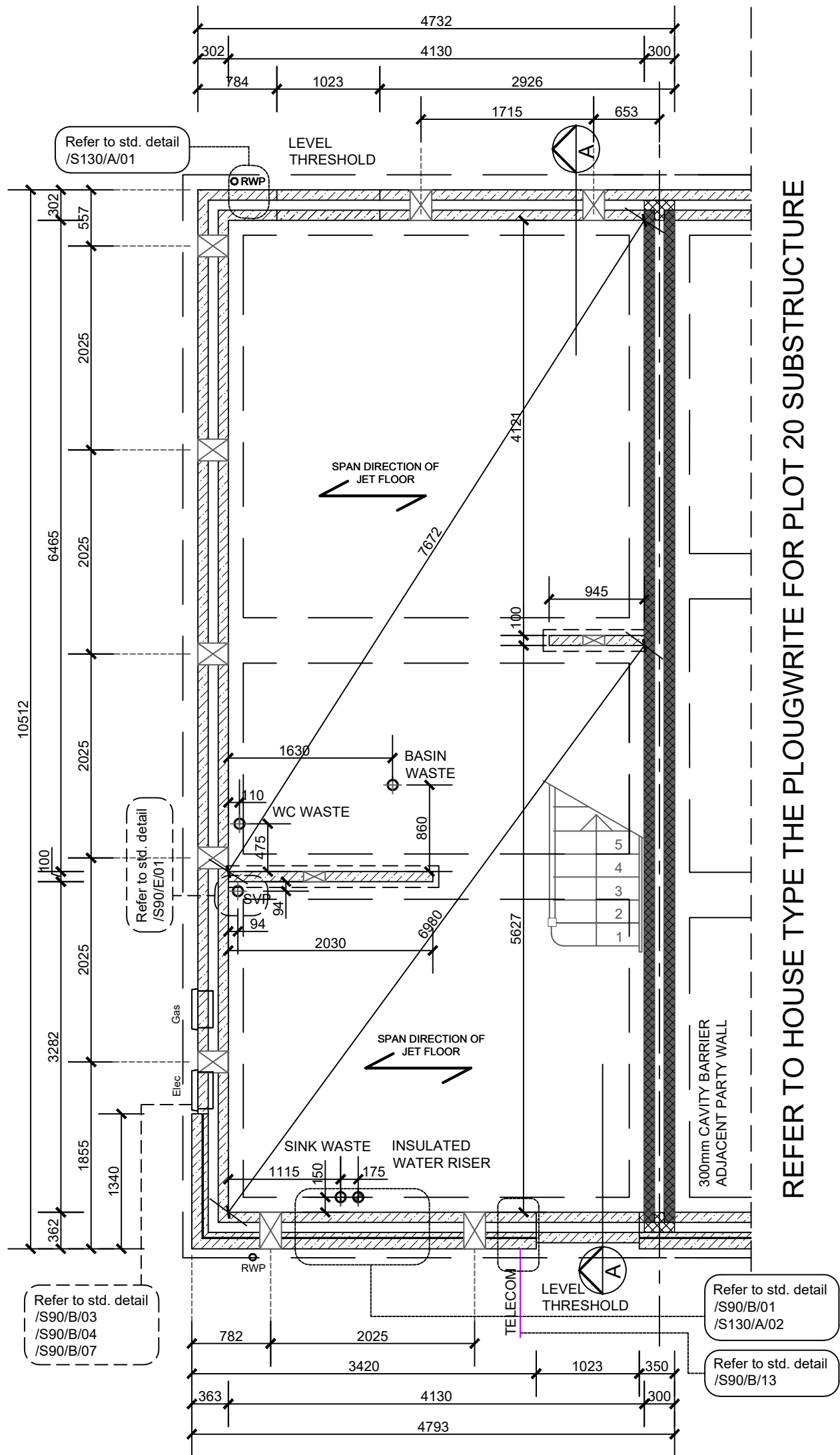


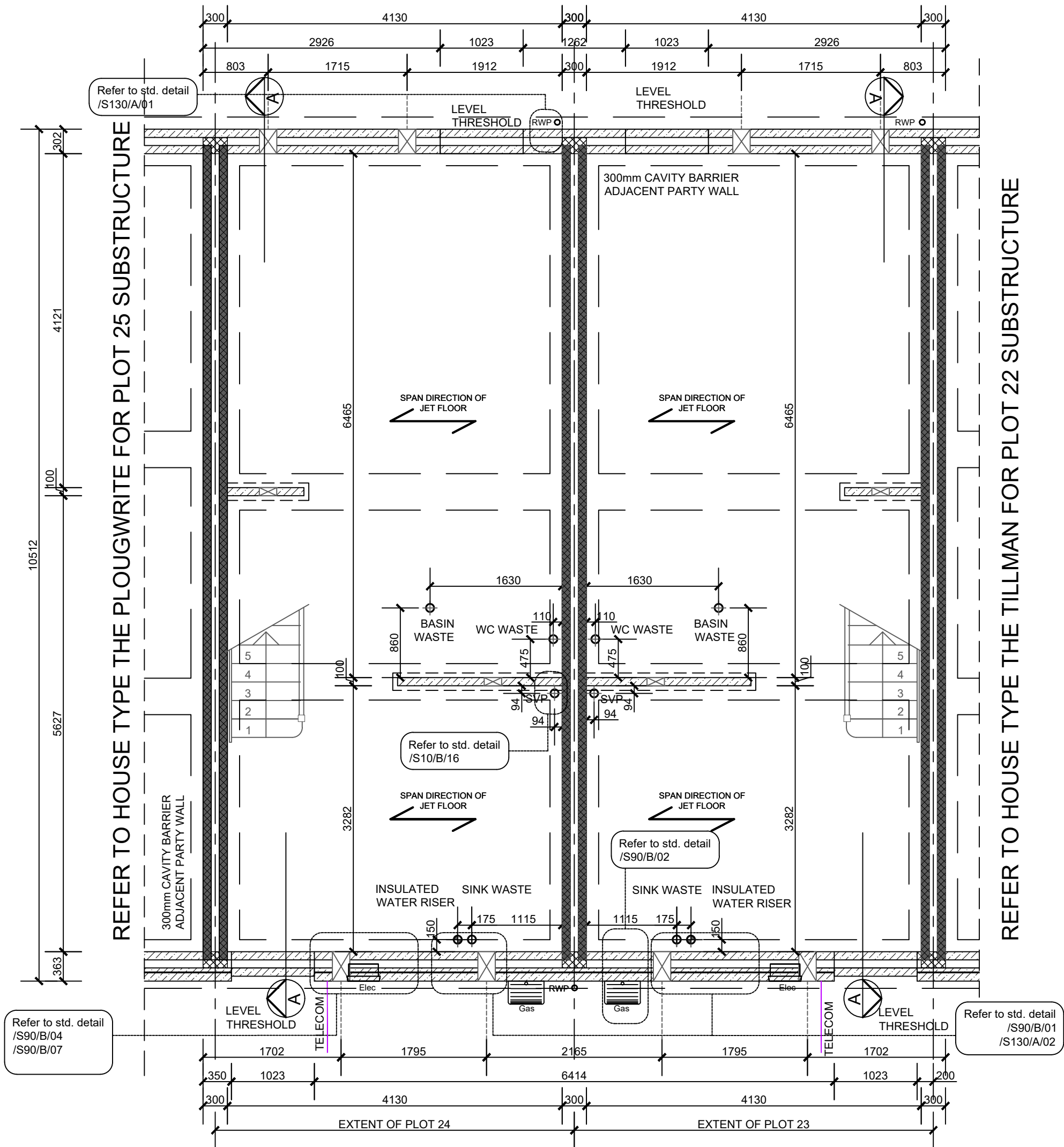


RAISED DPC LOCATION & PLEASE REFER PLEASE REFER TO CIVIL
OR TANKING AND RAISED DPC STANDARD DETAILS REFER TO
/B/12, A/SD/S10/B/22, A/SD/S10/B/38, A/SD/S10/B/39, A/SD/S10/B/41



Substructure Plan
Plot 21

REFER TO HOUSE TYPE THE PLOUGWRITE FOR PLOT 20 SUBSTRUCTURE



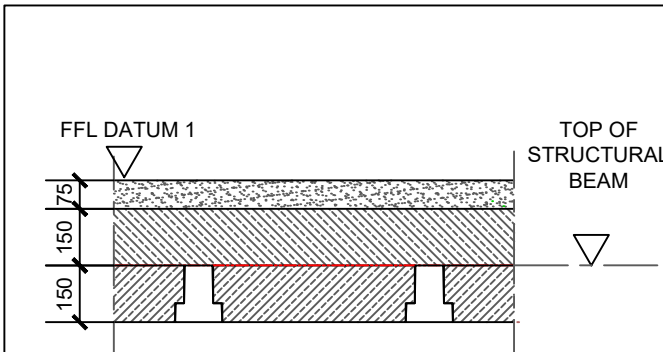
Substructure Plan
Plots 23 & 24

REFER TO HOUSE TYPE THE TILLMAN FOR PLOT 22 SUBSTRUCTURE

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

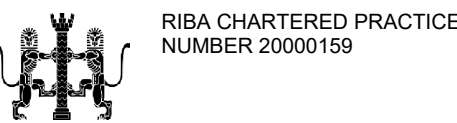
STANDARD EXTERNAL INSULATED CAVITY WALL (BELOW GROUND)	
	100mm BLOCKS (7.3N/mm ²) UP TO 150mm BELOW EXTERNAL GROUND LEVEL, THEN CLASS B ENGINEERING BRICKWORK (102.5mm) TO DPC LEVEL OR 150mm ADJACENT GROUND LEVEL WHERE LOCATED IN UNDER BUILT 100mm CAVITY WITH EXPANDED POLYSTYRENE BOARD (THERMAL CONDUCTIVITY 0.038 W/m ² /°K) 100mm AERATED CONCRETE BLOCK / COURSING BRICKS (7.3N/mm ²)
PLINTH STANDARD EXTERNAL INSULATED CAVITY WALL (BELOW GROUND)	
	100mm BLOCKS (7.3N/mm ²) UP TO 150mm BELOW EXTERNAL GROUND LEVEL, THEN CLASS B ENGINEERING BRICKWORK (102.5mm) TO DPC LEVEL OR 150mm ADJACENT GROUND LEVEL WHERE LOCATED IN UNDER BUILT 50mm ABRATED CONCRETE BLOCK / COURSING BRICKS (7.3N/mm ²) 100mm CAVITY WITH EXPANDED POLYSTYRENE BOARD (THERMAL CONDUCTIVITY 0.038 W/m ² /°K) 100mm AERATED CONCRETE BLOCK / COURSING BRICKS (7.3N/mm ²)
INTERNAL BLOCKWORK PARTITION (BELOW GROUND)	
	100MM BLOCKS (7.3N/mm ²) (SUSPENDED GROUND FLOOR BEAM MANUFACTURER'S COURSING BLOCKS / BRICKS AS REQUIRED)
PARTY WALL (BELOW GROUND)	
	100 mm BLOCKS (7.3N/mm ²) 100 mm CAVITY WITH EXPANDED POLYSTYRENE BOARD (THERMAL CONDUCTIVITY 0.038 W/M ² /°K) 100 mm BLOCKS (7.3N/mm ²)
GAS MEMBRANE REQUIRED:	
MIN 2000g DPM/REINFORCED DPM REQUIRED TO JET/FLOOR SYSTEM WITH JOINTS & PENETRATIONS SEALED AND UNDERFLOOR VENTING. ALL TO BE DESIGNED AND INSTALLED BY A COMPETENT SUBCONTRACTOR IN ACCORDANCE WITH BISON DETAILS. INSTALLATION VERIFICATION PROVIDED.	

JET FLOOR SYSTEM



SCALE 1:20

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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

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Bellway
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REGENT'S GATE
VIRGINIA WATER SOUTH

THE BAKER
Substructure

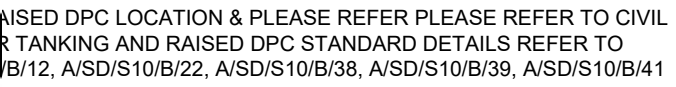
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March 2024

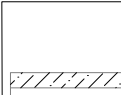


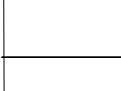
CB

DP.659.022 BAKER 10

T2

Substructure Plan
Plot 20

Substructure Plan Plot 25

	<p><u>STANDARD EXTERNAL INSULATED CAVITY WALL (BELOW GROUND)</u></p> <p>100mm BLOCKS (7.3N/mm²) UP TO 150mm BELOW LEVEL GROUND, 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/m²K)</p> <p>100mm AERATED CONCRETE BLOCK / COURSING BRICKS (7.3N/mm²)</p>
	<p><u>PLINTH STANDARD EXTERNAL INSULATED CAVITY WALL (BELOW GROUND)</u></p> <p>100mm BLOCKS (7.3N/mm²) UP TO 150mm BELOW LEVEL GROUND, 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/m²K)</p> <p>100mm AERATED CONCRETE BLOCK / COURSING BRICKS (7.3N/mm²)</p>
	<p><u>INTERNAL BLOCKWORK PARTITION (BELOW GROUND)</u></p> <p>100mm BLOCKS (7.3N/mm²)</p> <p>(SUSPENDED GROUND FLOOR BEAM MANUFACTURER'S COURSING BLOCKS / BRICKS AS REQUIRED)</p>
	<p><u>PARTY WALL (BELOW GROUND)</u></p> <p>100 mm BLOCKS (7.3N/mm²)</p> <p>100 mm CAVITY WITH EXPANDED POLYSTYRENE BOARD (THERMAL CONDUCTIVITY 0.038 W/m²K)</p> <p>100 mm BLOCKS (7.3N/mm²)</p>
<p><u>GAS MEMBRANE REQUIRED:</u></p>	
<p>MIN 200g DPM/ARENOFLEX DPM REQUIRED TO JET-LONG SUBSYSTEM WITH JOINTS & PENETRATIONS SEALED AND UNDERFLOOR VENTING ALL TO BE DESIGNED AND INSTALLED BY A COMPETENT SUBCONTRACTOR IN ACCORDANCE WITH BSI/EN DETAILS. INSTALLATION VERIFICATION PROVIDED.</p>	

FFL DATUM 1

75

150

75

150

TOP OF STRUCTURAL BEAM

SCALE 1:20

T3