

SUBSTRUCTURE MASONRY STRENGTHS LEGEND	
ALL SUBSTRUCTURE BLOCKWORK TO BE 7.3N/mm ² , minimum class (ii) (M6) mortar Beam & Block to Jet Floor Details	
NOTE: Where infill blocks to beam and block floor are built into adjacent walls, the infill block is to be the same strength and density as the wall blockwork.	
SUBSTRUCTURE KEY	
● DD1	Direct Drain Connection (No.1).
● SVP1	Soil Vent Pipe (No.1).
Telescopic Air Vents To Ventilate Sub Floor Void. Air Bricks positioned at 2m max. Centres. NOT TO BE POSITIONED BELOW DOOR THRESHOLD (Door Position Indicated By Dashed Lines).	
DOOR THRESHOLD	
■ ■ ■ ■ ■	Thick dashed line denotes ACO 'HEX Drain Brickslot' hidden drainage channel across width of door opening Refer to Civil Engineers design and Architects details.
- - - - -	Thin dashed line indicates extent of secondary DPC stepped up to accommodate level threshold to front door.

Foundations width and depth to be confirmed by Engineers drawings on an individual site by site basis.

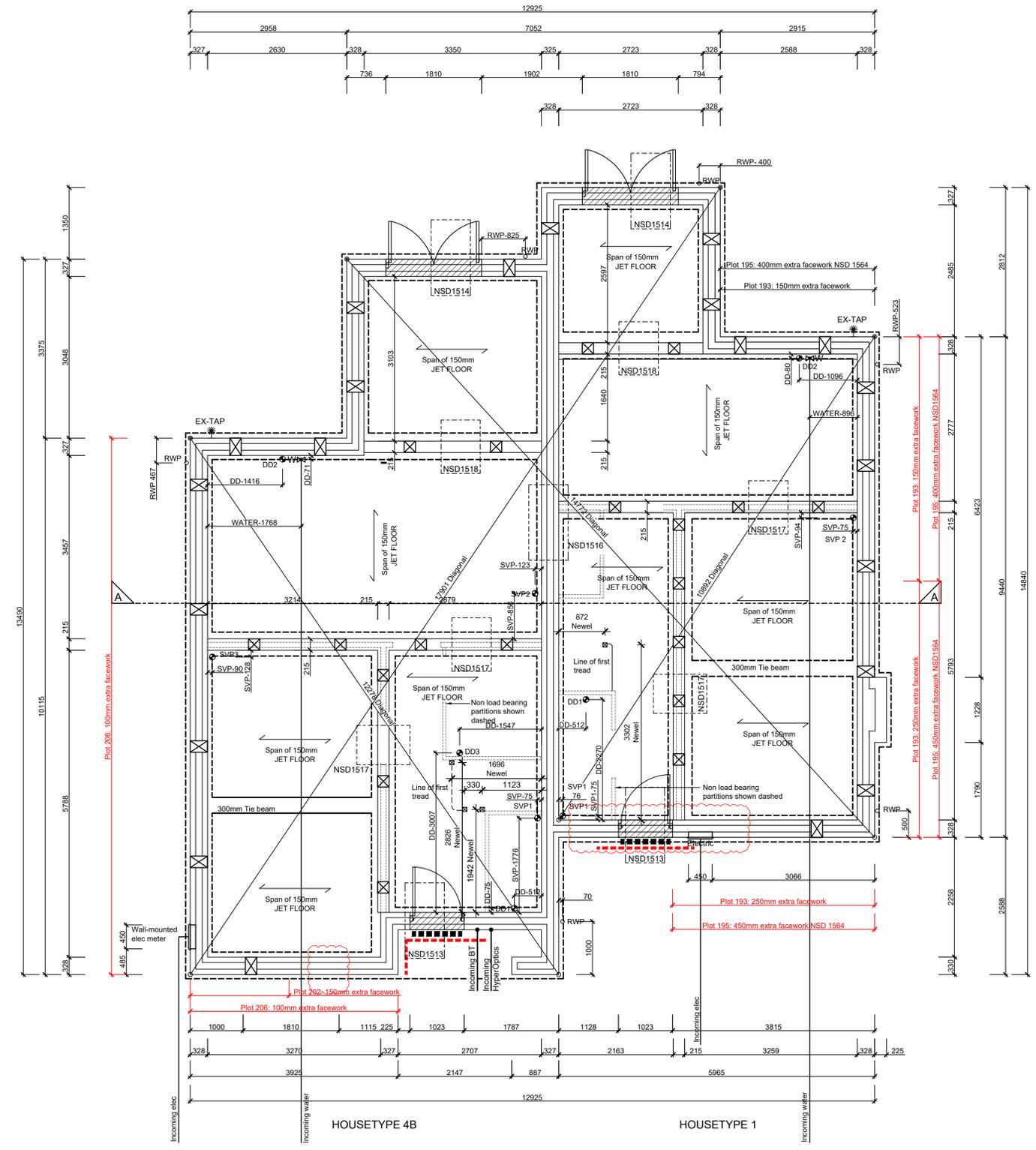
NOTE: Please refer to Engineer's drawing SA00394-3215-C-SW-SP EXTERNAL LEVELS SHEET 6 OF 8 for extra facework locations.

Notes
All dimensions to be checked on site prior to the commencement of construction and any discrepancy should be reported to the Site Manager.

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Sub-Contractors MUST ensure that they have the latest issue drawing before they commence work on site.

This drawing is to be read in conjunction with all relevant Specifications, schedules and Engineers details.



SUBSTRUCTURE LAYOUT
SCALE 1:50

Rev	Date	Description	Int.
M	02.02.26	Air bricks omitted	ZJ
L	21.11.25	Underbuild noted, meter setting out added	ZJ
		Stepped DPC highlighted	
K	17.04.25	Newel dims amended.	SK
J	29.01.25	Incoming water position amended.	SK
I	25.09.24	Sleeper wall coordinated	ZJ
H	09.08.24	Electric Meter moved as it clashes with MJ. RWP omitted. Ext tap repositioned, det refs updated.	SK
		HT 4 - SVP2 drainage positions adjusted.	BC
		HT 1 - SVP2 drainage position adjusted.	
G	19.04.24	Legend revised Newel post dimensions amended.	SK
F	26.02.24	Construction Issue. Detail Note added.	LJ
E	16.02.24	Construction Issue. Structural coordination in abeyance	ZJ
D	13.10.23	Drawing Number & title revised. Ext tap position revised	JM



Job title
**Brooklands College
Weybridge**

Drawing title
**HT Semi 2 (HT4BLaurel & HT1Fir)
Plots: 192/193 194/195 200/201
202/203 204/205 206/207
Substructure Layout**

Scale: 1:50 @ A1
Date: May 2023

Rev: M
Drawn: RR

Dwg No.
SA00394-0156-A-SEMI2-SUB