

SUBSTRUCTURE MASONRY STRENGTHS LEGEND	
ALL SUBSTRUCTURE BLOCKWORK TO BE 7.3N/mm <sup>2</sup> , minimum class (ii) (M6) mortar Beam & Block to Jet Floor Details	
<b>NOTE:</b> 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 SA00394-3216-C-SW-SP EXTERNAL LEVELS SHEET 7 OF 8 for extra facework locations.

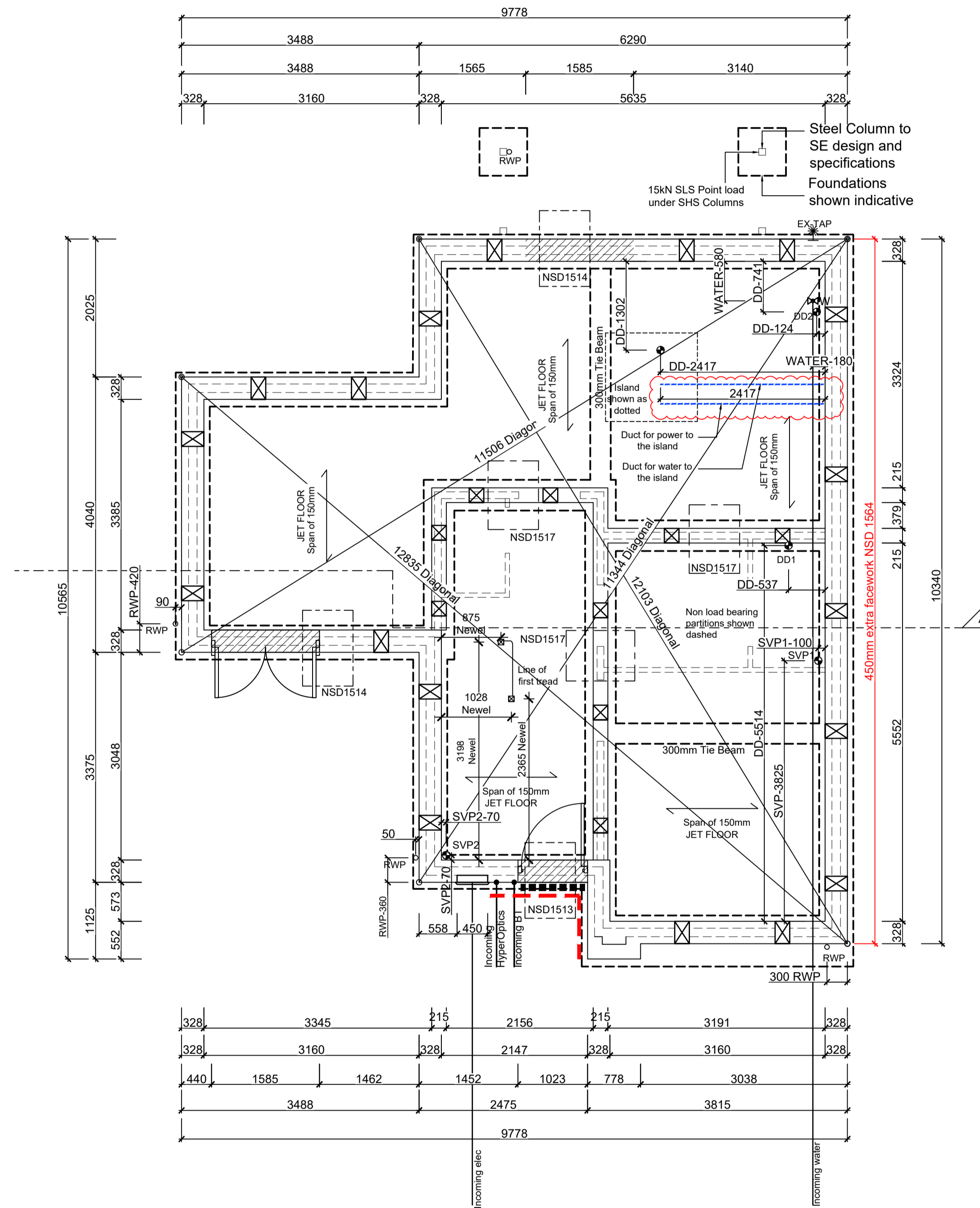
Notes  
All dimensions to be checked on site prior to the commencement of construction and any discrepancy should be reported to the Site Manager.

This drawing may not be reproduced in any part or form without written consent.

All copyrights reserved.

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.
J	09.12.25	Dimension added to ducting	ZJ
I	24.11.25	Duct added for power to the Kitchen Island	SK
		DD1 & SVP1 locations amended, dims amended.	
		DD3 added, water duct added, stepped dpc highlighted	
H	15.04.25	Load bearing wall relocated. Foundations amended	SK
		Dims amended. Drainage dims amended. Newel dims added. Curtailed line of tread added.	
G	09.08.24	Det refs updated.	SK
F	01.07.24	RWP location amended as per Clients Comments	SK
		dated 22.05.24.	
E	19.04.24	Legend revised Newel post dimensions amended.	SK
		Steelwork details added as per SE design	
D	26.02.24	Construction Issue. Detail Note added.	LJ



Job title  
**Brooklands College  
Weybridge**

Drawing title  
**House Type HT7A  
3B5P Plots: 214  
Substructure Layout**

Scale 1:50 @ A1 Date May 2023

Rev. J Drawn JM

Dwg No. SA00394-0580-A-HT7A-SUB