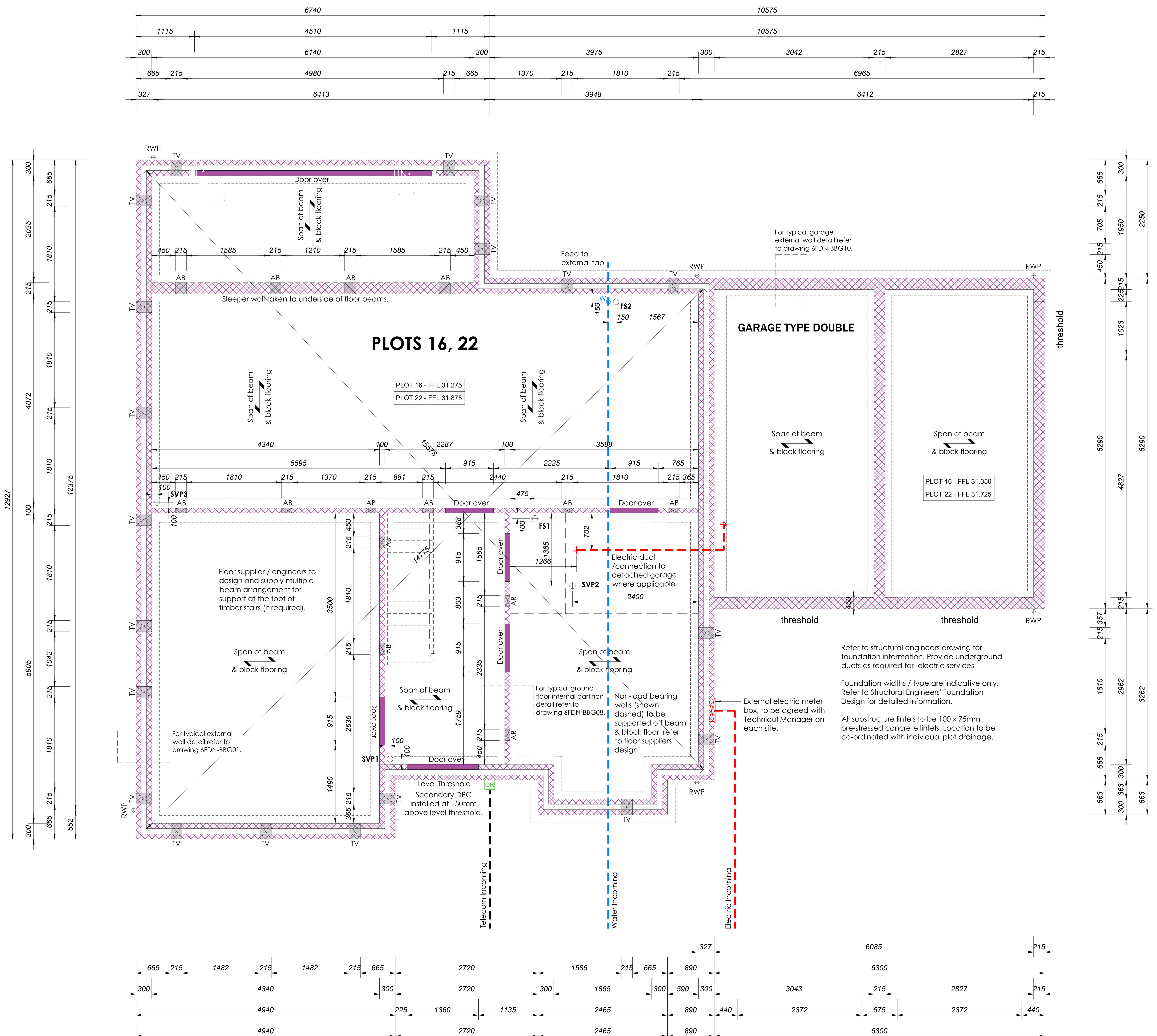
A1



SUBSTRUCTURE PLAN - ASHP-CYLINDER

SUBSTRUCTURE LEGEND

- TV — Telescopic Vents to be within 450mm of an internal corner at max 2m ctrs'
- AB — Air Bricks to be within 450mm of an internal corner at max 2m ctrs'
- 7.3N/mm² concrete blocks with GEN 3 infill **OR** 7.3N/mm² aerated trench blocks (300w x 440l x 215h).
- Sleeper wall to underside of floor beams
- Threshold floor finish to continue into doorway

SERVICES/ PIPEWORK

- Incoming Electric Service Duct
- Incoming Water Supply
- Incoming Telecom Service Duct
- FS - Floor Socket
- SVP - Soil Vent Pipe
- SS - Stubstack
- W - Incoming Water Supply
- OR - Open Reach Supply

SUBSTRUCTURE NOTES

1) Telescopic vents and air bricks are shown indicative only. They are to be placed @ 2000mm c/c maximum however not directly under floor beam bearings and positioned not more than 450mm from the ends of the wall, minimum 225mm away from door openings and at least 180mm clear of a gas meter box.

In accordance with Approved Document C, Building Regulations the ventilation openings provided shall be not less than either 1,500mm²/m run of external wall or 500mm²/m² of floor area, whichever give the greater opening area.

2) Please refer to engineers drawings for structural slab levels, lintels, foundation layouts and details.

3) Incoming Water, Electric and BT locations are shown indicative only and to be confirmed by utilities supplier. Services to run beneath ground floor slab were required

4) Ground below suspended floor to be free of plant/tree roots and treated with weed killer.

5) All below DPC brickwork to be the same as facing brickwork with a 3:1mortar mix ratio. Soil investigation should be referred to on each site to consider ground conditions.

6) Floor finish to continue into doorway.

STRUCTURAL LEGEND

WP — Indicates location of wind post as per structural engineers designs.

NOTE: THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DANDARA TECHNICAL SPECIFICATION.

REV	DESCRIPTION	DATE	AUTH	CHK-D
T1	Tender Issue	31/01/25	SH	-
T2	Airbrick calculation added	14/03/25	SH	-
T3	Groundworks Issue	28/03/25	SH	-
T4	FFL's revised to suit civils changes	06/05/25	SH	-
T5	Steelwork added, foundation walls revised to 215mm	16/05/25	SH	-
C1	Construction Issue	30/07/25	SH	-
C2	Detail references revised	01/09/25	SH	-
C3	High speed data removed	25/09/25	SH	-
C4	BT Omitted.	28/10/25	SH	-

Sub-floor Void Ventilation Requirements: (Air Bricks for each plot)
Air Brick (Free Area) = Approx. 6500mm².
Calculations below have been based on Air Bricks which provide an approximate minimum Free Area of 6500mm².

- **Calculation: 500mm² per m² Floor Area**
  - 113m² x 500mm² = 64500mm² Ventilation required
  - 64500mm² / 6500mm² = 9 Air Bricks required
- **Calculation: 1500mm² per m run of External Wall**
  - 43m x 1500mm² = 64500mm² Ventilation required
  - 64500mm² / 6500mm² = 10 Air Bricks required

STEELWORK SCHEDULE

Steel Reference	Specification	Length	Treatment	Notes
S1	100 x 100 x 5 SHS	N/A	-	-

0.m 1.m 2.m 3.m
SCALE : 1:50

Tenure - Open Market

CONSTRUCTION

project. architecture

dandara

PROJECT
Hadlow, Tonbridge
For Dandara

DRAWING
Substructure Block Plan
Plots 16 & 22 As
HT Blenheim - ASHP-Cylinder

SCALE	DATE	AUTHOR	CHK'D
1:50 @ A1	Jan 25	SH	-

JOB NO.	DRAWING NO.	REV
-	HAD_A_SUB_104	C4