SUB-FLOOR VENTILATION

Ventilation/m run of external wall	27.7m x 1500mm² = 41,550mm²
Ventilation/m² of floor area	46.1m² x 500mm² = 23,050mm²
Ventilation Provided	7 x 6,170mm² Air Bricks = 43,190mm²

SUB-FLOOR NOTES

1. Positions of Air Bricks indicative. Subfloor void to be ventilated by openings providing not less than 1500mm² per metre run of external wall, or 500mm² per m² of floor area, whichever gives the greater opening area. Vents to be provided on at least 2 opposing sides and 225mm away from any door opening. Vents not to be positioned directly under floor beams.

2. Diagonal Check dimensions are to external leaf of cavity walls.

3. Beam & Block spans TBC by manufacturer & engineer.

4. Refer to structural Engineers drawings for Foundations.

5. Refer to Engineers drawings for locations of drainage penetrations through substructure walls, to enable locating of PCC lintels to create openings.

6. Air Bricks to have 6,170mm2 FREE AIR FLOW per brick.

ELECTRIC VEHICLE CHARGING POINT EVCP

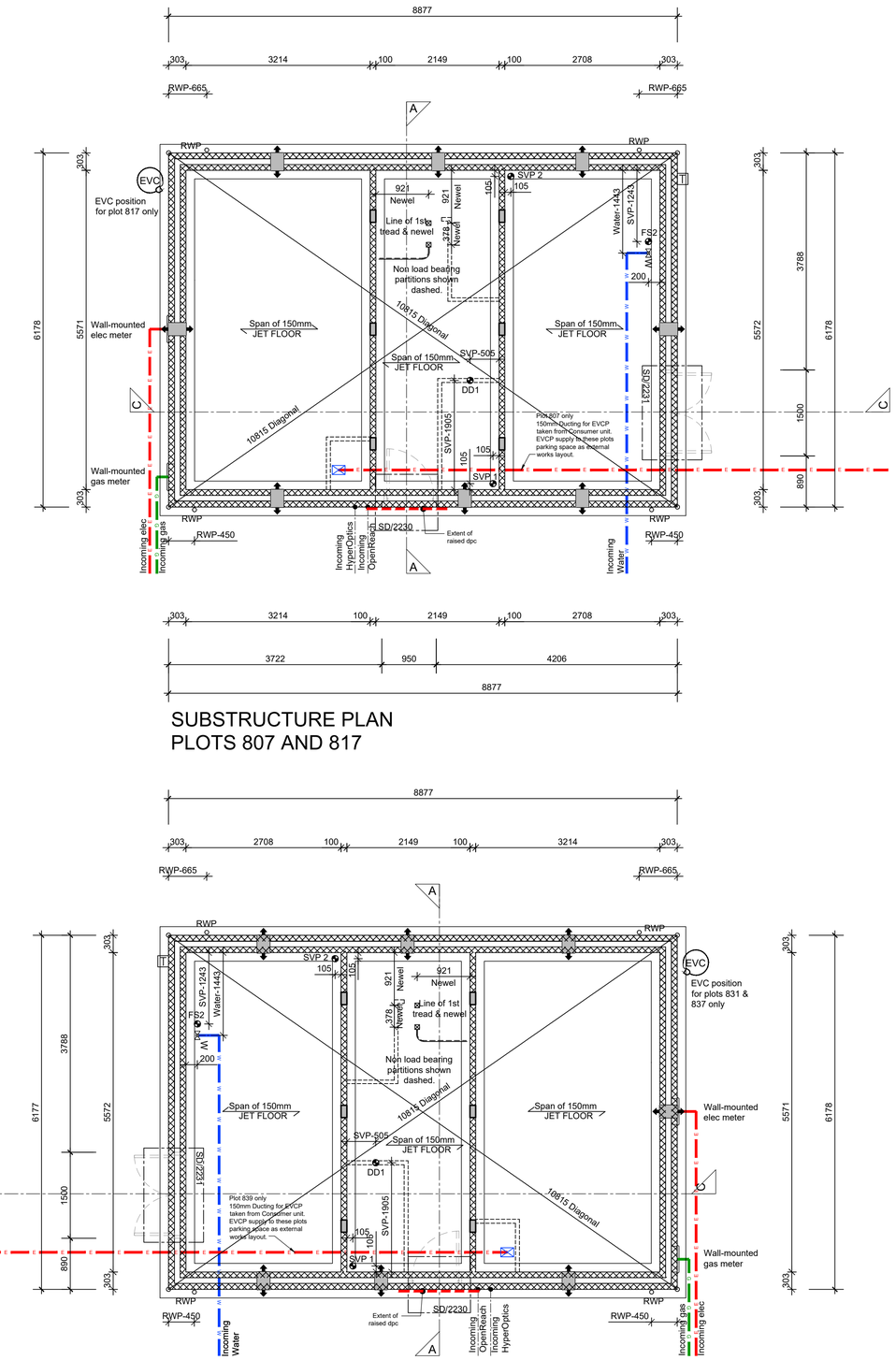
Provide 40amp supply to garage/car port (10mm 3 core SWA) from dedicated RCD on plot consumer unit (duct between house & garage/ car port provided by others).
Within garage fit 1no small distribution board with 1no 6A lighting circuit, 1no 20A EV charging circuit. All RCBO's and MCB's are to be clearly labelled. 1no supply to be taken from 20A EV charging circuit & terminated in an Adaptable box to facilitate future installation of an EV charging head.

WHERE EV CHARGING LOCATED IN AN ATTACHED GARAGE OR CARPORT:
As above for detached garages with the exception that the 40amp supply to garage/car port (10mm 3 core SWA) from dedicated RCD on plot consumer unit shall be TAKEN DIRECT THROUGH THE FIRST FLOOR VOID INTO THE ATTACHED GARAGE/CAR PORT.

WHERE EV CHARGING LOCATED AT A PARKING BAY:
1no 32A supply to parking space (cable to be either 4mm 3 core SWA or 6mm 3 core SWA depending on distance) from dedicated RCD on plot consumer unit (duct between house & garage/car port provided by others). CABLE TO BE EITHER TAKEN DIRECT THROUGH FIRST FLOOR VOID WHERE PARKING BAY IS ATTACHED or ducted (duct between house parking bay provided by others) where parking bay is detached. Supply to be terminated in an adaptable box, to facilitate future installation of an EV charging head, mounted on a post.

LEGEND

	Air Bricks to external cavity walls linked by telescopic connector
or	Air Bricks to internal sub walls (215mm/140mm/100mm)
	Concrete block-work (7.3N/mm2)
	Extent of raised dpc to BS:6515
SVP	Stack & Vent Pipe
FS	Floor Socket
RWP	Rain Water Pipe
T	External Tap
	Indicates span of structure
E	Electricity supply
W	Mains water supply in insulated sleeve
I	Fibre media supply
G	Gas supply - indicative run only
	Gas or Electric Meter (External)



SUBSTRUCTURE PLAN
PLOTS 807 AND 817

SUBSTRUCTURE PLAN
PLOTS 831 837 and 839

© This drawing is copyright and is not be reproduced or disclosed to third parties without hparchitectures prior permission.

Do not scale from this drawing, other than for Local Authority Planning purposes.

This drawing is to be read in conjunction with all relevant consultants, specialist manufacturers drawings and specifications.

Any discrepancies in dimensions or details on or between these drawings should be drawn to our attention.

All dimensions are in millimetres unless noted otherwise.

Any surveyed information incorporated within this drawing cannot be guaranteed as accurate unless confirmed by fixed dimension.

CALA

Rev	Date	Description	By
T6	30-04-26	PLOT RE-NAMED AND FAMILY ROOM REMOVED.	AJH
T5	29-01-26	Plot numbers revised	NJW
T4	16-12-25	Services revised	NJW
T3	14-10-25	RWPs revised.	NJW
T2	07-09-25	Route for EVC added.	NJW
T1	15/08/25	TENDER ISSUE	NJW

TENDER

hparchitecture.co.uk / 01344 752 271
Manhattan House, 140 High Street, Crowthorne, Berkshire RG45 7AY

Client
CALA HOMES

Project
WILLINGTON DOWN, DIDCOT
PHASE 8 (55 Units)

Drawing
CHESTNUT - 807,817,831,837,839
SUBSTRUCTURE PLAN

Scale	Date	Drawn By	Checked By
1:50@A1	30/04/2026	NJW	CD

Project No.	Drawing No.	Revision
25.436	CHES 1000	T6