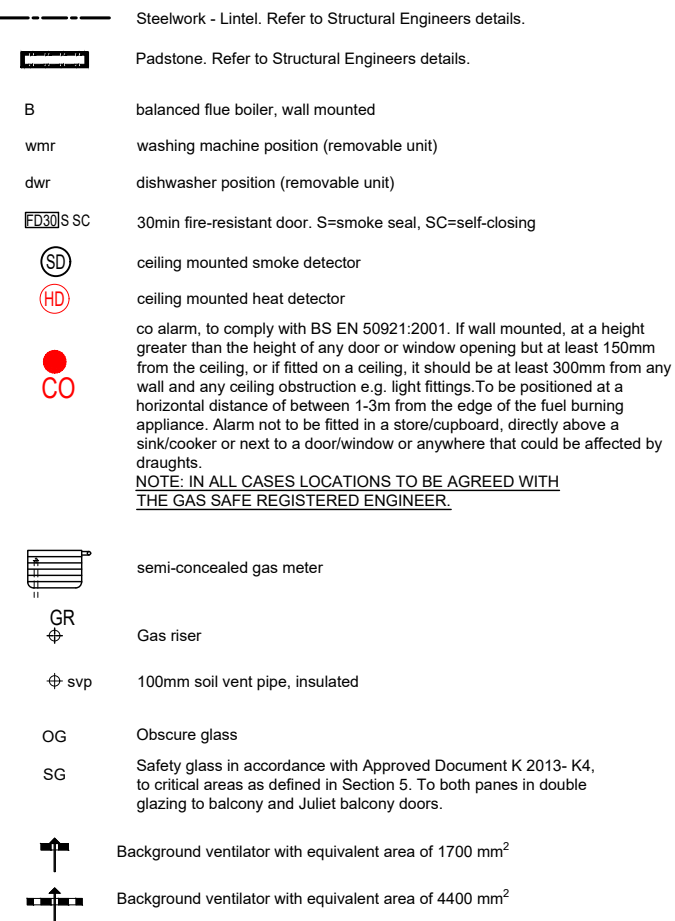
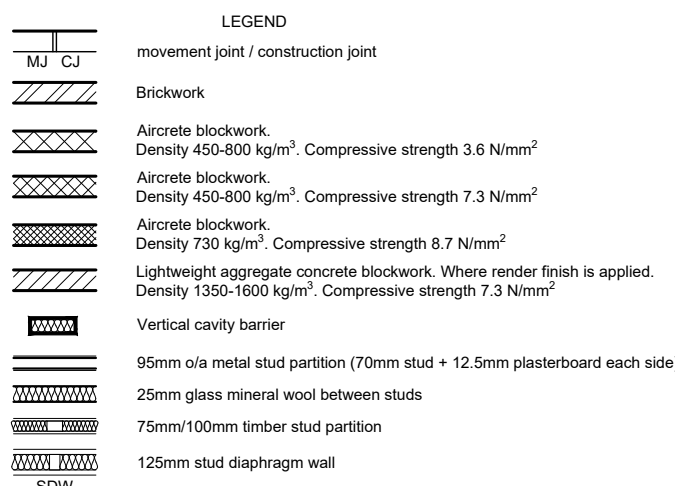


Under floor Ventilation Calculations

Net Internal floor area = 248 m²
EFA required = 248 m² @ 500 mm²/m² = 124000 mm²
Airbrick efa = 7750 mm²
Therefore 124000 mm² / 7750mm² = 16 No. Vents

Perimeter = 73m
EFA required = 73m @ 1500 mm²/m = 109500 mm²
Airbrick efa = 7750 mm²
Therefore 109500 mm² / 7750 mm² = 15 No. Vents



DIMENSIONS & SETTING OUT

- All dimensions are to structure unless noted otherwise
- External dimensions are to face of brick or block
- Internal dimensions are to face of block or stud

Note:

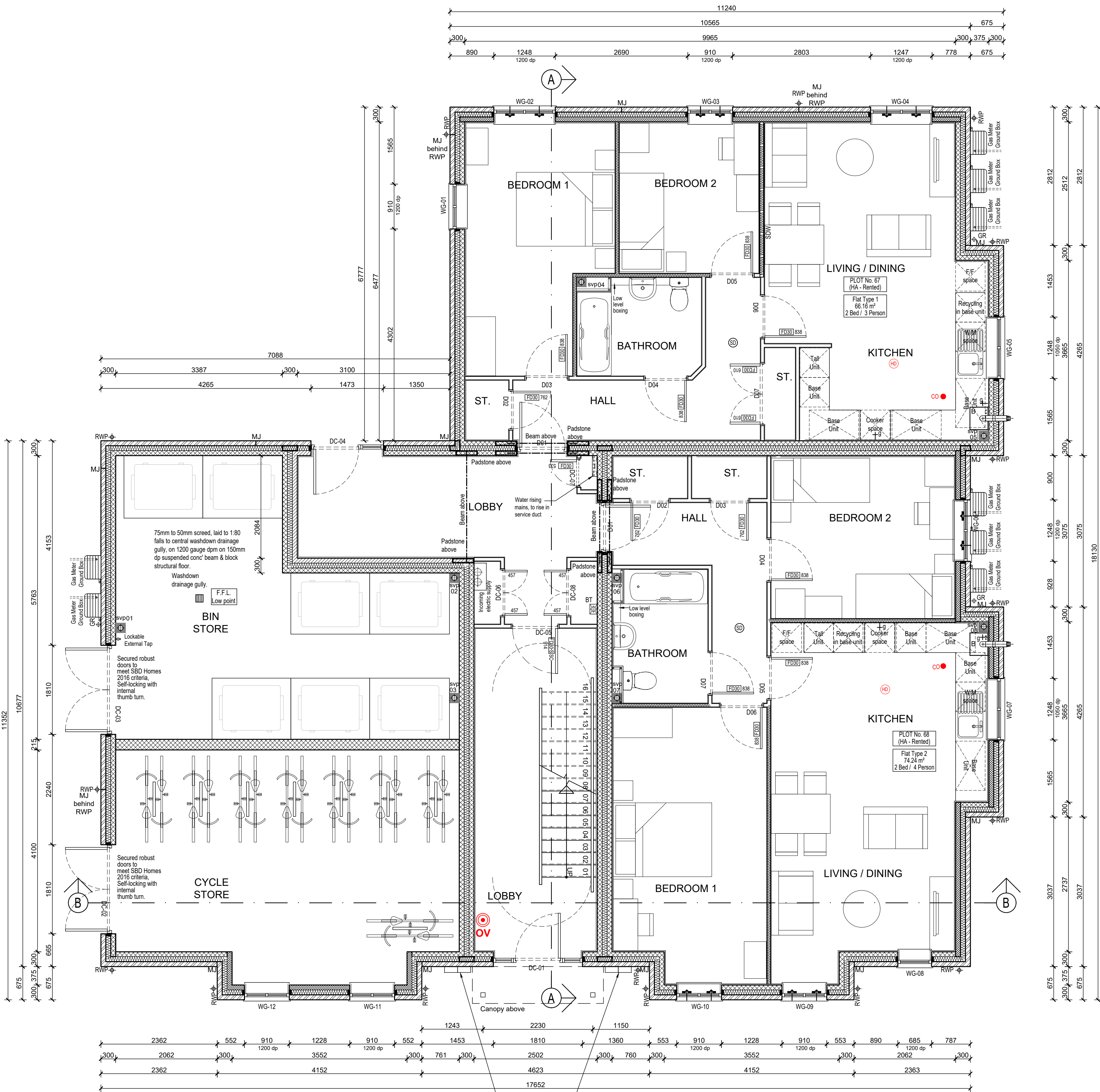
This drawing & legend must be read in conjunction with the Engineer's drawings and specification.

VENTILATION REQUIREMENTS

IN ACCORDANCE WITH APPROVED DOCUMENT F 2010, REQUIREMENT F1(1), SECTION 5: NEW DWELLINGS- VENTILATION SYSTEM 3-TABLE 5.2C- DE-CENTRALISED CONTINUOUS MECHANICAL EXTRACT (dmev).

INSTALLATION GUIDANCE, PROVISION OF INFORMATION AND COMMISSIONING TO BE IN ACCORDANCE WITH- DOMESTIC VENTILATION COMPLIANCE GUIDE 2010- SECTION 3- CONTINUOUS MECHANICAL VENTILATION SYSTEM- 3.1 SYSTEM 3 CONTINUOUS MECHANICAL EXTRACT- DE-CENTRALISED- TABLE 5 & 6, AND SECTIONS 4 & 5. ENERGY EFFICIENCY OF CONTINUOUS MECHANICAL EXTRACT VENTILATION TO BE IN COMPLIANCE WITH DOMESTIC BUILDING SERVICES COMPLIANCE GUIDE 2010- SECTION 8- MECHANICAL VENTILATION SYSTEM, IN ACCORDANCE WITH BUILDING REGS APPROVED DOCUMENT L1A 2010- CONSERVATION OF FUEL AND POWER- SECTION 4

SEE FLOOR PLANS FOR TRICKLE VENTILATION REQUIREMENTS FOR EACH WINDOW & DOOR.
MINIMUM OF 2500mm² EQUIVALENT AREA IN ALL HABITABLE ROOMS. NO BACKGROUND VENTILATORS TO WET ROOMS (KITCHENS & BATHROOMS).
TRICKLE VENTS LOCATED MIN' 1.7M ABOVE FLOOR LEVEL SO AS TO AVOID DRAUGHTS.
TRICKLE VENT EQUIVALENT AREA TO BE MARKED ON VENTS FOR VISUAL INSPECTION.



GROUND FLOOR PLAN
Plots 67 to 74

MAILBOXES.
Bank of 8 No. external 'Safety Letterbox Company' 'COM 1' or similar approved vertical front entry / front retrieval, to accept A4 size, wall fixed mail boxes. Postbox aperture heights from FFL to be between 450 - 1200mm to comply with L1H criteria. To meet the requirements for Secured by Design Homes 2019.

C2	12.08.19	Kitchen windows amended to 1650mm deep	JB
C1	22.07.19	Construction Issue	JB
P6	16.07.19	Bathroom doors amended to open out	JB
P4	18.06.19	Support posts adjusted to suit grp canopy size	JB
P3	12.06.19	Mailboxes added with spec	JB
P2	03.06.19	Updated to client comments - Extracts switched off. RWP adjusted to suit MJ.	JB
P1	12.04.19	Preliminary issue	JB
Rev	Date	Amendment	Initials

Project:
BURDELL ROAD
YAPTON

Client:
BOVIS HOMES SOUTHERN COUNTIES

Drawing:
APARTMENTS 67-74
GROUND FLOOR - G.A PLAN

Drawing no: 18.1330.701
Rev: C2

Scale@A1: 1:50 Date: FEB '19 Drawn: JW Checked: --

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Do not scale from this drawing.