SUBSTRUCTURE MASONRY STRENGTH LEGEND

All Substructure Blockwork to be 7.3N/mm2 Aircrete Blocks,
JetFloor Infill blocks to be 3.5N/mm2
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 LEGEND

- DD1 — Direct Drain Connection (No.1).
- SVP1 — Soil Vent Pipe (No.1).
- } Centre line of drainage outlets to be positioned 75mm from structural Wall
- Telescopic Air Vents to ventilate sub floor void, to be positioned at max. 2m c/c. AIR BRICKS 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 Engineers and Architects details.
- Thin dashed line indicates extent of secondary DPC stepped up to accommodate level threshold where required.
- Secondary DPC to be installed to perimeter of building as per detail 00256-304-NETHERHALL

Ensure 60mm continuous cavity to substructure

VENTILATION REQUIREMENTS

Purge Ventilation

All habitable rooms windows to open more than 30 deg's. Each habitable room to be provided with an openable window(s) with an opening area equal to 1/20th of the rooms floor area.

Continuous Mechanical Extract Ventilation

Refer to Specialists designs for the equipment specification.

GENERAL ARRANGEMENT PLANS - WALL LEGEND

- Frost resistant quality facing brickwork 20N Brickwork
- Forterra Fenlite Background Aggregate blockwork (compressive strength 3.6N/mm² in 1:1:6 mortar (unless noted otherwise) forming 100mm wide partitions. Dry block weight = 12.8kg. Density = 1350Kg/m³.Block dimension = L440 x H215 x W100
- Forterra Fenlite Background Aggregate blockwork (compressive strength 7.3N/mm²) Dry block weight = 12.8kg. Density = 1350Kg/m³.Block dimension = L440 x H215 x W100
- 70mm British Gypsum Gyproame 70S50 'C' stud system, with studs at 600mm centres. 12.5mm Gyproc Soundbloc plasterboard each side with tapered edges, finished as per Internal spec. Moisture-resistant plasterboard to bathroom with studs at 400mm centres.
- 70mm Buttressing Wall with 12mm Ply Sheathing as per SD/3022. 12.5mm Gyproc Soundbloc plasterboard each side with tapered edges, finished as per Internal spec. Moisture-resistant plasterboard to bathroom with studs at 400mm centres.
- MJ — Movement Joints

IMPORTANT NOTE: ALL EXTERNAL WALLS TO INCORPORATE BRICKFORCE SBF30W60 BED-JOINT REINFORCEMENT TO INNER LEAF OF BLOCKWORK 2x COURSES ABOVE & BELOW ALL OPENINGS & TO PROJECT A MIN. 600mm BEYOND OPENING.

STAIRCASE INFORMATION

Ground - 1st Floor

14 equal risers of 203.57mm; Going = 235mm; Pitch 40.90°;
Width over strings - 910mm

ELECTRICAL KEY

This electrical legend is to be read in conjunction with the internal specification and M&E consultants details if applicable with any discrepancies being reported to the site manager. Doorbells, light switches, entryphones, etc, should be fixed no higher than 1200mm above FFL, TV, OR & power sockets should be fixed no lower than 450mm above FFL. All wall lights to be fitted at 2100mm above FFL.

Symbol	Description
	Flush double switch socket.
	Flush double switch socket with 2 USB points.
	External socket.
	13A flush unswitched spur.
	Flush double switched socket 200mm above kitchen work top with 2 USB points
	Flush double switched socket 200mm above kitchen work top.
	13A Flush unswitched outlet 300mm below kitchen work top.
	Flush 30A cooker switch 200mm above kitchen work top.
	Shower head & control position.
	Ceilling mounted extract fan.
	Isolator switch.
	Shaver Socket.
HD	Heat Detector.
SD	Smoke Detector.
	Flush rocker light switch. **Where switches are located in same wall, use 2/3/4 gang switches**
	Ceilling rose light point.
	LED light fitting.
	Under-stair oval bulkhead wall mounted light.
	External Wall light.
	Batten holder light fitting.
	Door bell push.
	Door bell sounder.
2	Dual TV/ FM point 1xCT100 cabling (diplexer).
	Single slave phone socket 1xCAT 6 cabling.
	RJ45 data point
	HDMI port (4 & 5 beds only)
N	Immersion heater switch (located In AC).
	Rad/Rail.
P	Heating control programming switch.
G	Grid switch.
T	Thermostat.
LOUNGE PLATE	For full lounge plate specification refer to CALA Group Internal Specification.
COMMS CONNECTOR	For sites with FTTP refer to SD/1002.
EVC	Electrical Vehicle charging Point.

PADSTONE SCHEDULE			
REFERENCE	LENGTH	DEPTH	WIDTH
P1	440	215	100

STEEL SCHEDULE		HEIGHT (mm)		
REF	DESCRIPTION	LENGTH (mm)	TOP OF STEEL	BOTTOM OF STEEL
SB-1	203x203x71 UKC(S355) + 350x10 top plate.	6187	2625	2409

FIRE DOOR LEGEND

FD30
Half hour fire door with Intumescent strip.

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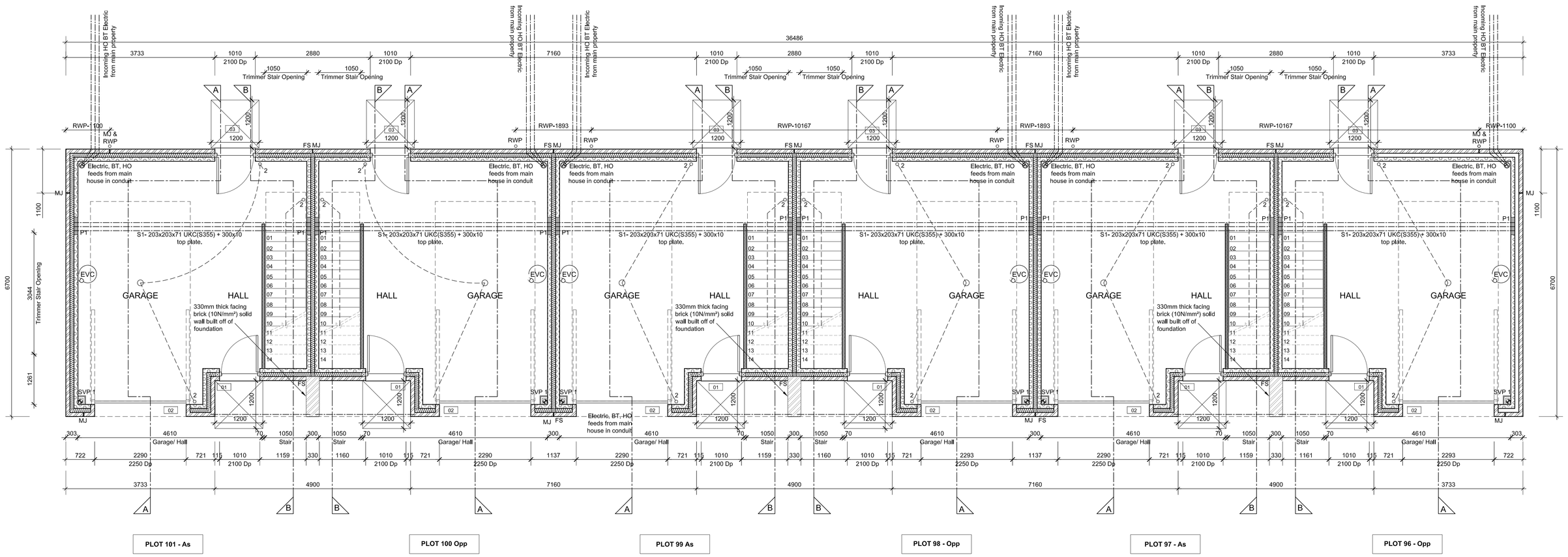
Sub-Contractors MUST ensure that they have the latest issue drawing before they commence work on site.

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

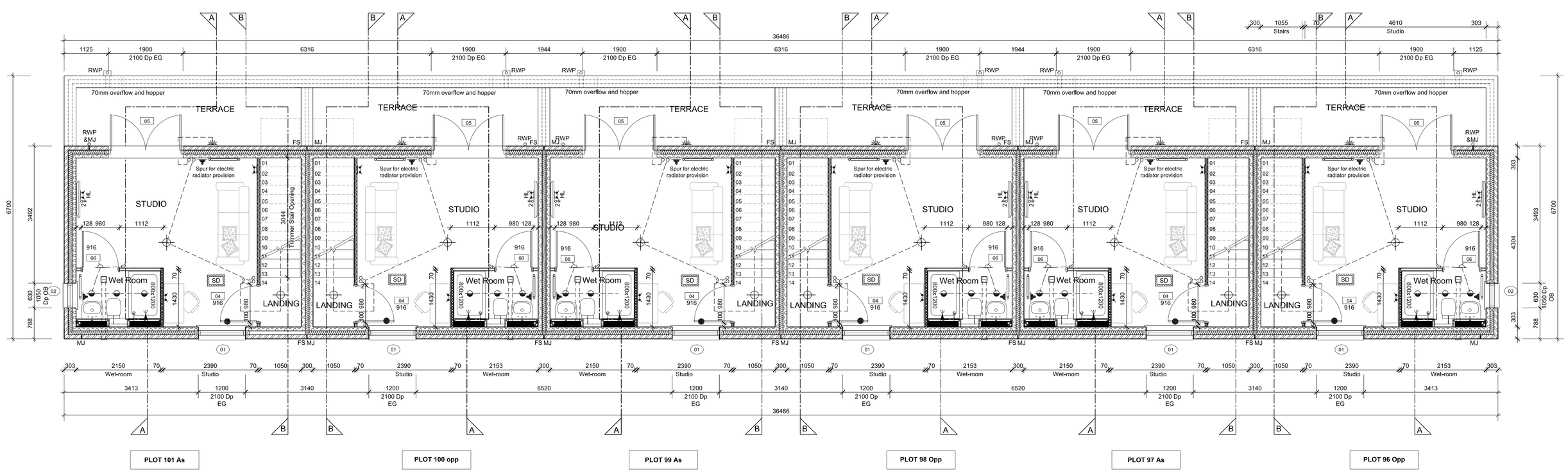
M4(2)

- Step free access to dwelling, the level entrance landing must be min. width and depth of 1200mm.
- The entrance landing is covered for a minimum width of 900mm and a minimum depth of 600mm, with dusk to dawn lights.
- Ensure ALL entrance doors have a clear opening width of 850mm or more.
- Door handle height must be max of 1200mm from FFL
- All sockets/ switches/ stopcocks/ controls to have their centre line between 450-1200mm above floor level and a minimum 300mm (horizontally) to an internal corner.



GROUND FLOOR LAYOUT

SCALE 1:50



FIRST FLOOR LAYOUT

SCALE 1:50

Rev	Date	Description	Init.
B	20.02.25	Wall Key Updated to correctly show masonry	DW
A	19.12.24	Updated to include drainage & Wetroom	DW

CALA

JOB TITLE
Netherhall Gardens

DRAWING TITLE
Garage & Studio
Plots 96-101
Ground& First Floor Layout
Masonry Construction

SCALE	DATE	DRAWN
1:50 @ A0	Mar 2024	YL

DWG NO. 00256-201-NETHERHALL
REV. B