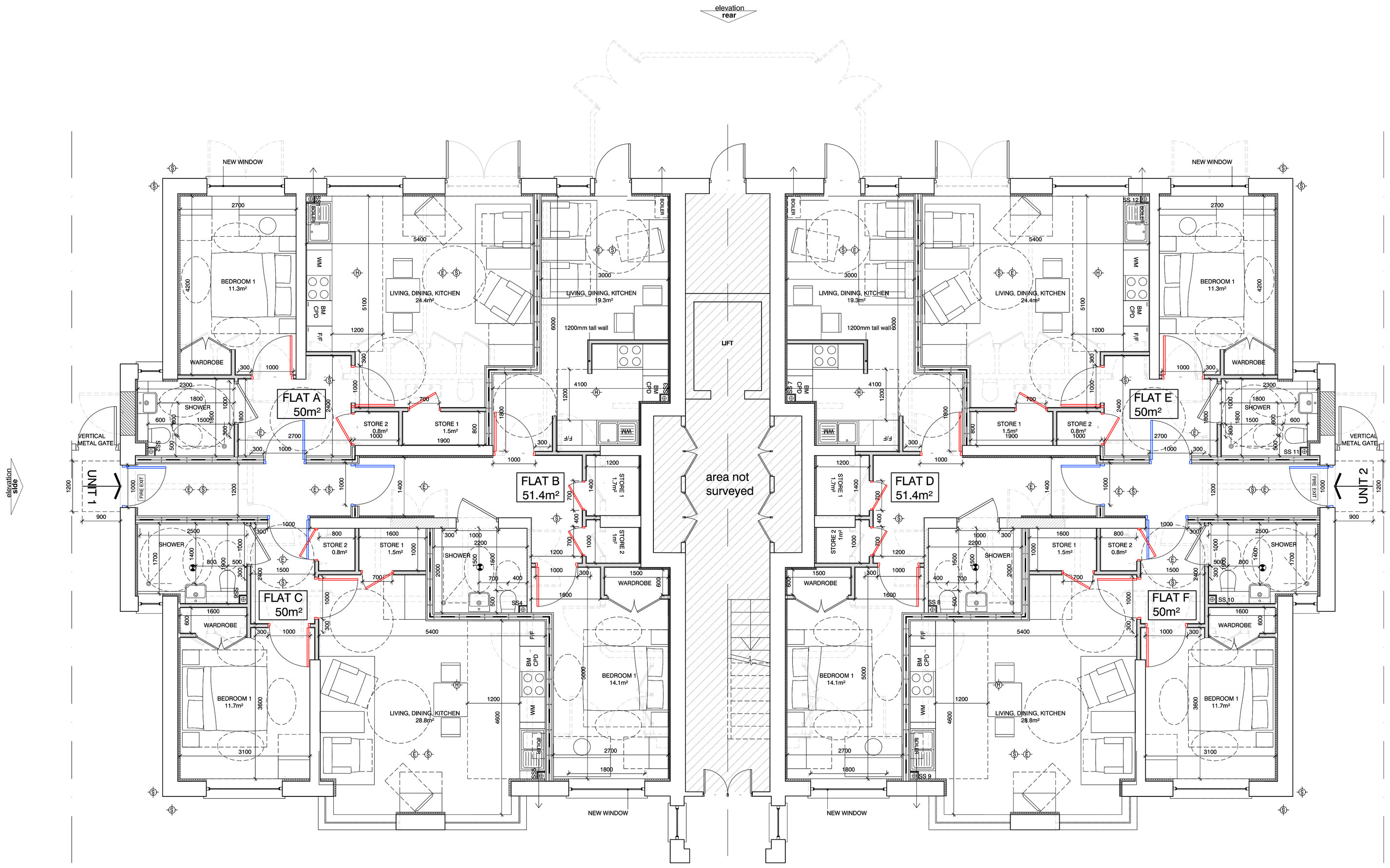


PROPOSED
Ground floor plan @1:50

0 0.5m 1.0m 1.5m 2.0m 2.5m
1:50

## NOTES

Existing brick walls to Lafarge RDS 23 system comprising of:
Linking : Cormet Drylliner Standard Reach with 2 layers of 12.5 Lafarge DB board
Insulation: 25mm unfaced mineral wool insulation (minimum density 16kg/m3) on 25X25SW Battens
Otherside of masonary to be drylined with 12.5mm plasterb'd and dabs

70mm stud walls with 12.5mm plasterboard and 5mm skim to achieve 30min fire protection.

MS stud partitions, Lafarge RSP038:
Studs: pair of studs 50mm Cormet C Studs @ 600mm centers braced horizontally with Cormet V Brace @ max. 1.5mm centres. 2 separate frames set 25mm apart, braced at mid-height.
Facings: both sides 2 layers15mm Lafarge dBcheck wall board (or minimum combined mass of 22kg/m2with long edges horizontal
Insulation: 25mm glass mineral wool density 16kg/m3 to achieve 60min fire protection.

Existing External walls to be achieve a u-value of 0.55, thus 215mm brickwork to be lined with 32.5mm Kinspan K18 insulation with 25X25SW Battens to achieve 60min fire protection.

SYMBOLS

FD 30 FIRE DOOR. FD 30s FIRE DOOR. REGULAR DOOR.
FIRE EXIT ILLUMINATED FIRE EXIT SIGN
SMOKE DETECTOR (S) EMERGENCY LIGHT EXTRACTOR FAN
(S) SENSORY LIGHT
(H) HEAT DETECTOR

All dimensions to structure

All SVPS and services running to be enclosed with 2 layers of 12.5mm plasterboard wrapped with APR 1200 insulation with fire collar running between floors

All doors to have a minimum 50mm return where possible

DRAINAGE TO SPECALIST DESIGN.

## PART B FIRE NOTES

-All enclosed spaces to have smoke detectors.
-All internal doors to flats to be FD30 fitted with smoke seal to the abutting doors with 25mm doorstop to be glued and screwed Including store.
-All structure to have 2 Layers of 12.5mm Lafarge fire check Plaster b'd on u/s of ceiling to provide 60min hr fire resistance to comply with Part B2
-Kitchen to be provided with heat detector and all corridor on each level to have smoke alarm. The system to be connected to the mains as well as battery back up and comply with BS5839 Part 6
-All entrance doors to flats to be FD30S fitted with self closing with intumescent strip and smoke seal to the abutting doors with 25mm doorstop to be glued and screwed
-All doors to meter cupb'd to have fire doors and have ½ hr fire protection.
-All pipes penetration party floors to have a fire collar around it.
-All ducts running through corridors to be metal type.
-Emergency Lighting to be installed in accordance with BS5266 Part1: 2005.
-Commission certificate will supplied on completion
-Emergency Fire Alarm System to be installed in accordance with BS5839 Part1: 2002.
-Commission certificate will supplied on completion
-Fire Exit Sign to be installed in accordance with BS5499 Part1: 2002.
-Commission certificate will supplied on completion
-Communal Landing Doors to be as above
-Party Floors to maintain 60min fire protection

## PART E FIRE NOTES

New internal wall studwork to be in 70mm studs@ 400mm c/c. with 12.5mm Lafarge dB plasterboard erb'd (minimum10kg/m2) in the bedroom and kitchen. Both sides to have 5mm skim. MS Studs to bathroom to be filled with 25mm Isover APR1200 mineral wool insulation to achieve 40dB airborne sound insulation. Walls to be strenghted where required
The walls to provide ½ hr fire resistance
The scheme has 3 types of Party wall to be and achieve 60 fire protection:

- Type 1: MS stud partitions

Type 2: Masonry party wall
Type 1: MS stud partitions, Lafarge RSP038:
Studs: pair of studs 50mm Cormet C Studs @ 600mm centers braced horizontally with Cormet V Brace @ max. 1.5mm centres. 2 separate frames set 25mm apart, braced at mid-height.
Facings: both sides 2 layers15mm Lafarge dBcheck wall board (or minimum combined mass of 22kg/m2)with long edges horizontal
Insulation: 25mm glass mineral wool density 16kg/m3Type 2: Masonry party wall :
Existing brick walls to Lafarge RDS 23 system comprising of:
Masonary: 215mm brick wall
Lining : Cormet Drylliner Standard Reach with 2 layers of 12.5 Lafarge DB board
Insulation: 25mm unfaced mineral wool insulation (minimum density 16kg/m3) on 25X25SW Battens
Otherside of masonary to be drylined with 12.5mm plasterb'd and dabs
The scheme has 2 types of Party Floor to achieve 60min. fire protection:

- Type 1: ground floor ceiling concrete (assumed)

Type 1: ground floor ceiling concrete
New 100mm MF suspended ceiling with 2 layers of Lafarge dB board

All pipes penetrating foor to be enclosed in 75mm MS stud with 2 layers of 12.5mm plasterb'd (minimum combined mass of 22kg/m2) with 30min. Integrity and 30min. Fire resistance.
SVP to be wrapped with Fire Collar at floor junction and comply with Part B
SVP to be wrapped with 25mm unfaced mineral wool insulation (minimum density 10kg/m3). All joints to be sealed with Lafarge Intumescent Acoustic Sealant

Upon completion, Sound Testing to be undertaken Accoustic Engineer/ The consultant has Pre-Completion (ANC accreditation).

## BEDROOM SCHEDULE

### DOUBLE BEDROOM

-CHEST OF DRAWERS
-DOUBLE BED
-DOUBLE WARDROBE
-DRESSING TABLE

NOTES
1. This drawing is copyright of Studio V Architects Ltd
2. Use figured dimensions only
2. Dimension to be check on site

| rev. | date | | drn | aud |
|---|---|---|---|---|
| B | 02 MAY | LAYOUT UPDATED FOLLOWING MEETING WITH CLIENT ON 01.05.2014 | MF | KV |
| A | 24 APRIL | DRAWING UPDATED | MF | KV |

drawing status
BUILDING CONTROL

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| project | drawn | audited | scale | date |
|---|---|---|---|---|
| 219 LOWER CLAPTON ROAD LONDON E5 8EG | MF | KV | 1:50@A1 | APR 14 |
| drg title: PROPOSED Plan | job no. 1407 | drg.no. L(00)02 | | rev B |

FILE: XREF(s):