



FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION

DO NOT SCALE from this drawing

All dimensions must be verified at the site before setting out : commencing work : or making any shop drawings.

ELECTRICAL LEGEND

- |  |  |
|--|--|
| Single way light switch  | 13amp socket outlet  |
| Dimmer switch  | 13amp socket outlet at high level                          |
| Push delay switch  | 13amp socket outlet @ high level                           |
| 2 way light switch   | Cooker control panel with 13amp socket outlet @ high level |
| Intermediate light switch  | ⊗ Bell push  |
| Full cord  | ⊗ Door bell  |
| Ceiling pendant light  | ⊗ 3kw immersion heater                                     |
| Batten holder light  | ⊗ Thermostat   |
| Low energy fixed lighting to comply with Approved Doc L1 1.54                        | ⊗ Smoke detector   |
| Wall light   | ⊗ Television aerial outlet                                 |
| Recessed down lighter  | ⊗ Up lighter   |
| Shaver point @ high level  | ⊗ Satellite TV SKY+  |
| Light/shaver point @ high level  | ⊗ Gas point  |
| 13amp switch socket outlet   | ⊗ Telephone outlet   |
| 13amp fused switched spur and neon light   | ⊗ British Telecom intake                                   |
| 13amp fused switched spur and neon light @ high level                                | ⊗ Consumer control unit                                    |
| 13amp fused switched spur with neon light @ high level and socket outlet @ low level | ⊗ 5amp switch socket outlet for lamp fittings only         |
| 13amp fused central isolator switch above worktop with appliance outlets below       | ⊗ 13amp fused switched spur to isolate shower              |
| Internal intercom system   | ⊗ 13amp fused switched spur to immersion heater            |
|  | ⊗ 13amp fused switched spur to isolate extract fan         |

NOTES:-

EMERGENCY LIGHTING

All common areas/escape routes to be provided with emergency lighting in accordance with BS 5266 and approved documents.

INT EXTRACTS

All extracts marked int. Extract to be capable of extracting 6 litres/sec with a 15 minute overrun. Extract ducts indicated dotted at grd and 1st floors to be flat ducts running to outside within ceiling void. Extracts from 2nd floor to be taken thro' roof.

SVP'S

All svp ducts to be filled with mineral wool. All svp's passing through separating floors to be fitted with intumescent collars

BOILERS

Adequate ventilation to be provided for combustion air to boiler if conventionally fueled with flue insulated from combustible materials. Balanced flues to be fitted with a guard over outlets

AIR ADMITTANCE VALVES

When using air admittance valves one dwelling on sanitary run must be fully ventilated in accordance with BS 5572

LINEN CUPB'DS

Cylinder to be sat on sillage (min 50mm clear) with slatted shelves over

MJ = Movement joint (see engineers drgs)

FD20 DOORS MARKED THUS TO BE FD20 FIRE DOORS AND TO BE SELF CLOSING The partition in which these doors are set to be 30 min. fire-resisting stair enclosure.

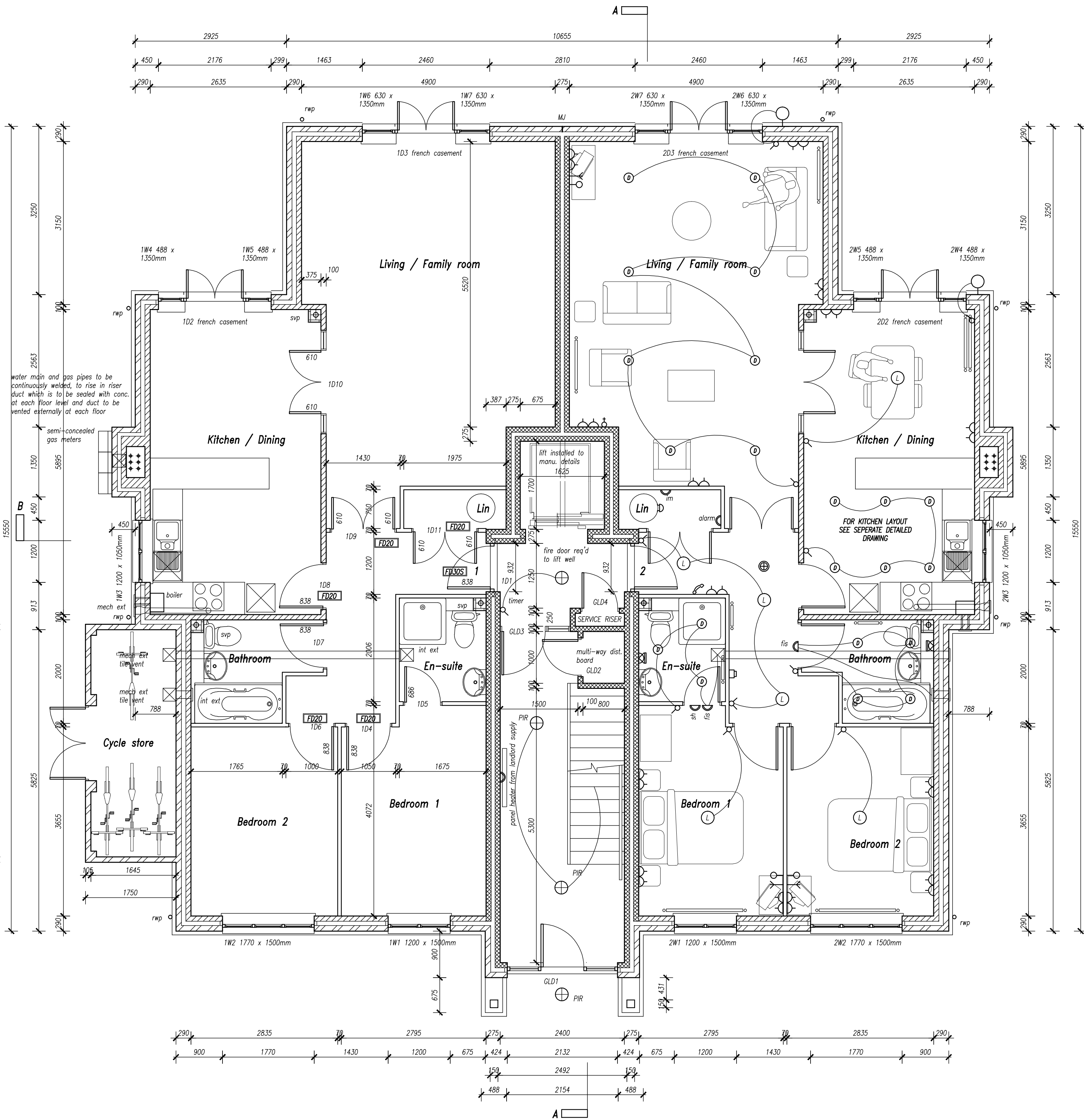
Face brickwork

'Tarmac Hemelite' or similar 7N blackwork see engineers drgs

'Tarmac Hemelite' or similar 10N blackwork, see engineers drgs.

Background ventilation rates based on Titan trimvent XS13 giving an EA (equivalent air area) of 4400mm<sup>2</sup> per vent

1W1	8800mm <sup>2</sup>
1W2	8800mm <sup>2</sup>
1W3	8800mm <sup>2</sup>
1W4/102/1W5	13200mm <sup>2</sup>
1W6/103/1W7	13200mm <sup>2</sup>
TOTAL	52800mm <sup>2</sup>



N.B

All windows to be double glazed with a min 'U' value of 2.2W/m<sup>2</sup>K

All windows in habitable rooms to have background ventilation with a total area of 8000mm<sup>2</sup>, kitchens, bathrooms and utilities to have a total area of 4000mm<sup>2</sup> and to have a min. total background ventilation rate as set out in table 1.2a of F1 in Approved Documents.

Kitchen extract fan to be set at 30l/sec if adjacent to hob and 60l/sec elsewhere. Bathroom extract fan to be set at 15l/sec for intermittent operation. Utility extracts to be set 30l/sec. Sanitary accommodation to be set at 6l/sec. Total extract rate must be at least the whole building ventilation rate in table 1.1b of F1 Approved Documents.

All internal stud partitions sizes as indicated on plans to have 12.5mm plasterboard to each side and 25mm of mineral wool between studs

All internal block partitions to be min 100mm with a mass per unit area of 120Kg/m<sup>2</sup>

All internal floor voids to have 100mm mineral wool laid between floor joists

TOTAL FLOOR AREA = Plots 1 & 2 = 91.17m<sup>2</sup>

Energy efficient lighting:  
Total light fittings 27/4 ≈ 6no req'd

Background ventilation:  
Total background ventilation req'd from table 1.2a of AD's = 45,000mm<sup>2</sup>  
Background ventilation provided = 52,800mm<sup>2</sup>  
Whole building Ventilation:  
Total whole building ventilation req'd from table 1.1b of AD's = 21l/sec.  
Total ventilation rate provided. = 60l/sec.

- |       |                    |
|-------|--------------------|
| GD0.0 | — GENERAL DETAILS  |
| SD0.0 | — SPECIFIC DETAILS |



CLIENT  
ARTHUR WAIT LTD

SITE  
47, CROYDON RD, REIGATE

TITLE  
GROUND FLOOR PLANS AND ELEVATIONS

SCALE  
1:50 1:100  
NUMBER  
12.07.101

DATE  
12/12/07  
REVISION  
B

DO NOT SCALE from this drawing  
All dimensions must be verified at the site before setting out :  
commencing work : or making any shop drawings.

#### ELECTRICAL LEGEND

Single way light switch	13amp socket outlet
Dimmer switch	13amp socket outlet at high level
Push delay switch	Cooker control panel with 13amp socket outlet @ high level
2 way light switch	Pull cord
Intermediate light switch	Bell push
Pull cord	Door bell
Ceiling pendant light	3kw immersion heater
Batten holder light	Thermostat
Low energy fixed lighting to comply with Approved Doc L1 1.54	Smoke detector
Wall light	Recessed down lighter
Up lighter	Television aerial outlet
Shaver point @ high level	Satellite TV SKY+
Light/shaver point @ high level	Gas point
13amp switch socket outlet	Telephone outlet
13amp fused switched spur and neon light	British Telecom intake
13amp fused switched spur with neon light @ high level and socket outlet @ low level	Consumer control unit
13amp fused central isolator switch above worktop with appliance outlets below	5amp switch socket outlet for lamp fittings only
Internal intercom system	13amp fused switched spur to isolate shower
	13amp fused switched spur to immersion heater
	13amp fused switched spur to isolate extract fan

N.B  
All windows to be double glazed with a min 'U' value of 2.2W/m<sup>2</sup>K

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Kitchen extract fan to be set at 30l/sec if adjacent to hob and 60l/sec elsewhere.  
Bathroom extract fan to be set at 15l/sec for intermittent operation.  
Utility extracts to be set 30l/sec.  
Sanitary accommodation to be set at 6l/sec.  
Total extract rate must be at least the whole building ventilation rate in table 1.1b of F1 Approved Documents.

All internal stud partitions sizes as indicated on plans to have 12.5mm plasterboard to each side and 25mm of mineral wool between studs

All internal block partitions to be min 100mm with a mass per unit area of 120Kg/m<sup>2</sup>

All internal floor voids to have 100mm mineral wool laid between floor joists

TOTAL FLOOR AREA = Plots 3 & 4 = 91.17m<sup>2</sup>

Energy efficient lighting:  
Total light fittings 27/4 ≈ 6no req'd

Background ventilation:  
Total background ventilation req'd from table 1.2a of AD's = 45,000mm<sup>2</sup>  
Background ventilation provided = 52,800mm<sup>2</sup>  
Whole building Ventilation:  
Total whole building ventilation req'd from table 1.1b of AD's = 21l/sec  
Total ventilation rate provided. = 60l/sec.

GD0.0 = GENERAL DETAILS  
SD0.0 = SPECIFIC DETAILS



CLIENT  
ARTHUR WAIT LTD

SITE  
47, CROYDON RD, REIGATE

TITLE  
FIRST FLOOR PLANS

SCALE

1:50

DATE

12/12/07

NUMBER

12.07.102

REVISION

#### NOTES:-

##### EMERGENCY LIGHTING

All common areas/escape routes to be provided with emergency lighting in accordance with BS 5266 and approved documents.

##### INT EXTRACTS

All extracts marked int. Extract to be capable of extracting 6 litres/sec with a 15 minute overrun  
Extract ducts indicated dotted at grd and 1st floors to be flat ducts running to outside within ceiling void.  
Extracts from 2nd floor to be taken thro' roof.

##### SVP's

All svp ducts to be filled with mineral wool. All svp's passing through separating floors to be fitted with intumescent collars

##### BOILERS

Adequate ventilation to be provided for combustion air to boiler if conventionally fueled with flue insulated from combustible materials  
Balanced flues to be fitted with a guard over outlets

##### AIR ADMITTANCE VALVES

When using air admittance valves one dwelling on sanitary run must be fully ventilated in accordance with BS 5572

##### LINEN CUPB'DS

Cylinder to be sat on stillage (min 50mm clear) with slotted shelves over

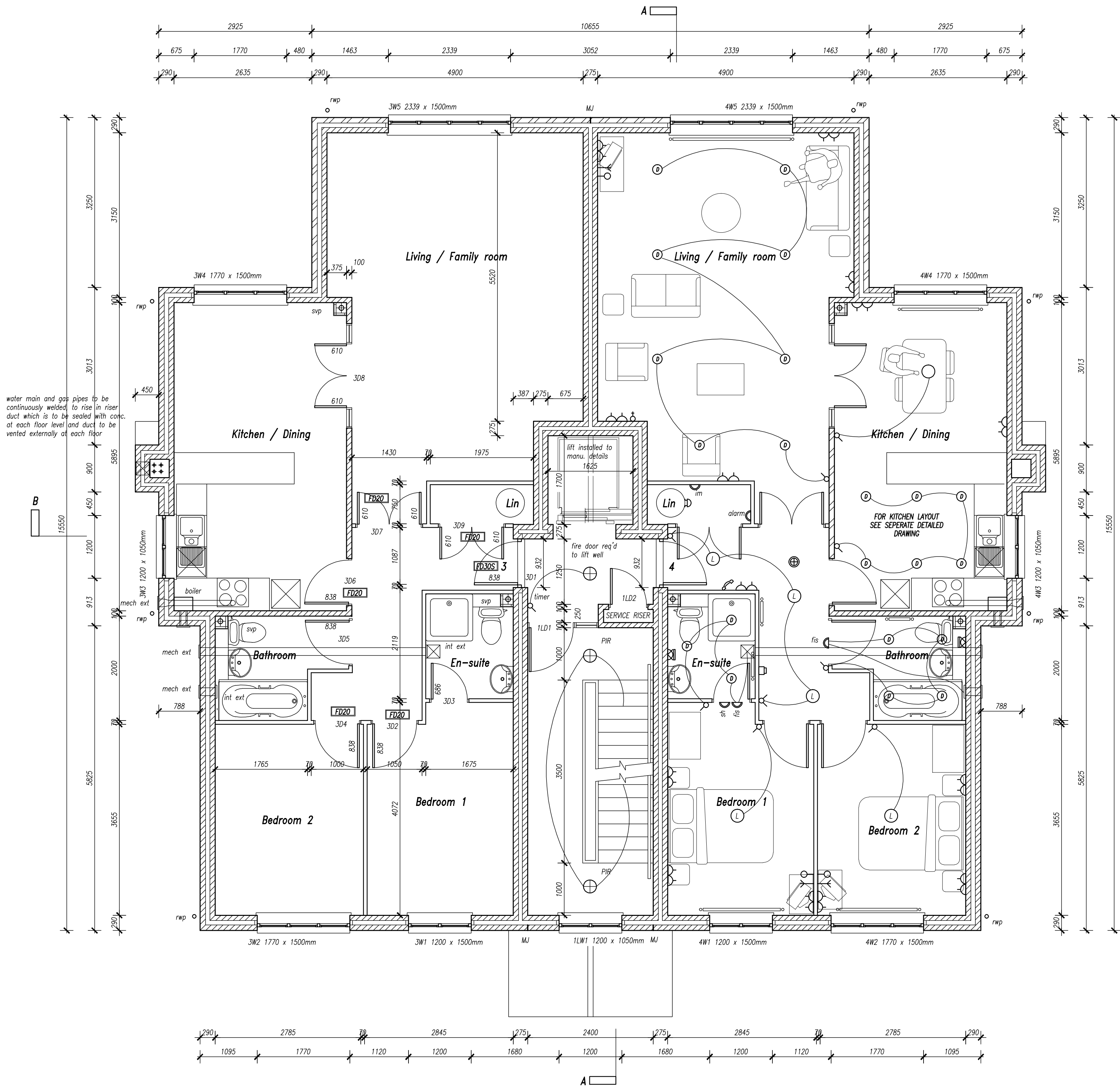
MJ = Movement joint (see engineers drgs)

DOORS MARKED THUS TO BE FD20 FIRE DOORS AND TO BE SELF CLOSING The partition in which these doors are set to be 30 min. fire-resisting stair enclosure.

Face brickwork  
'Tarmac Hemelite' or similar 7N blockwork see engineers drgs  
'Tarmac Hemelite' or similar 10N blockwork, see engineers drgs.

Background ventilation rates based on Titan trimvent XS13 giving an EA (equivalent air area) of 4400mm<sup>2</sup> per vent

1W1	8800mm <sup>2</sup>
1W2	8800mm <sup>2</sup>
1W3	8800mm <sup>2</sup>
1W4	13200mm <sup>2</sup>
1W5	13200mm <sup>2</sup>
TOTAL	52800mm <sup>2</sup>



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ELECTRICAL LEGEND

- |  |  |
|--|--|
| Single way light switch  | 13amp socket outlet  |
| Dimmer switch  | 13amp socket outlet at high level  |
| Push delay switch  | Cooker control panel with 13amp socket outlet @ high level                           |
| 2 way light switch   | Pull cord  |
| Intermediate light switch  | Ceiling pendant light  |
| Batten holder light  | Low energy fixed lighting to comply with Approved Doc L1 1.54                        |
| Wall light   | Recessed down lighter  |
| Up lighter   | Shaver point @ high level  |
| Light/shaver point @ high level  | 13amp switch socket outlet   |
| 13amp switch socket outlet   | 13amp fused switched spur and neon light   |
| 13amp fused switched spur and neon light   | 13amp fused switched spur with neon light @ high level and socket outlet @ low level |
| 13amp fused central isolator switch above worktop with appliance outlets below       | Internal intercom system   |
| 13amp socket outlet  | 13amp socket outlet at high level  |
| Cooker control panel with 13amp socket outlet @ high level                           | 13amp socket outlet @ high level   |
| Pull cord  | 13amp socket outlet @ low level  |
| Ceiling pendant light  | 13amp fused switched spur and neon light   |
| Low energy fixed lighting to comply with Approved Doc L1 1.54                        | 13amp fused switched spur to isolate shower  |
| Recessed down lighter  | 13amp fused switched spur to isolate heater  |
| Up lighter   | 13amp fused switched spur to isolate extract fan                                     |
| Shaver point @ high level  | 5amp switch socket outlet for lamp fittings only                                     |
| 13amp switch socket outlet   | 13amp fused switched spur to isolate shower  |
| 13amp fused switched spur and neon light   | 13amp fused switched spur to isolate heater  |
| 13amp fused switched spur with neon light @ high level and socket outlet @ low level | 13amp fused switched spur to isolate extract fan                                     |
| 13amp fused central isolator switch above worktop with appliance outlets below       |  |
| Internal intercom system   |  |

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All internal floor voids to have 100mm mineral wool laid between floor joists

TOTAL FLOOR AREA = Plots 5 & 6 = 63.99m<sup>2</sup> & 61.09m<sup>2</sup>

Energy efficient lighting:  
Total light fittings 19/4 ≈ 4no req'd

Background ventilation:  
Total background ventilation req'd from table 1.2a of AD's = 30,000mm<sup>2</sup>  
Background ventilation provided = 30,800mm<sup>2</sup>  
Whole building Ventilation:  
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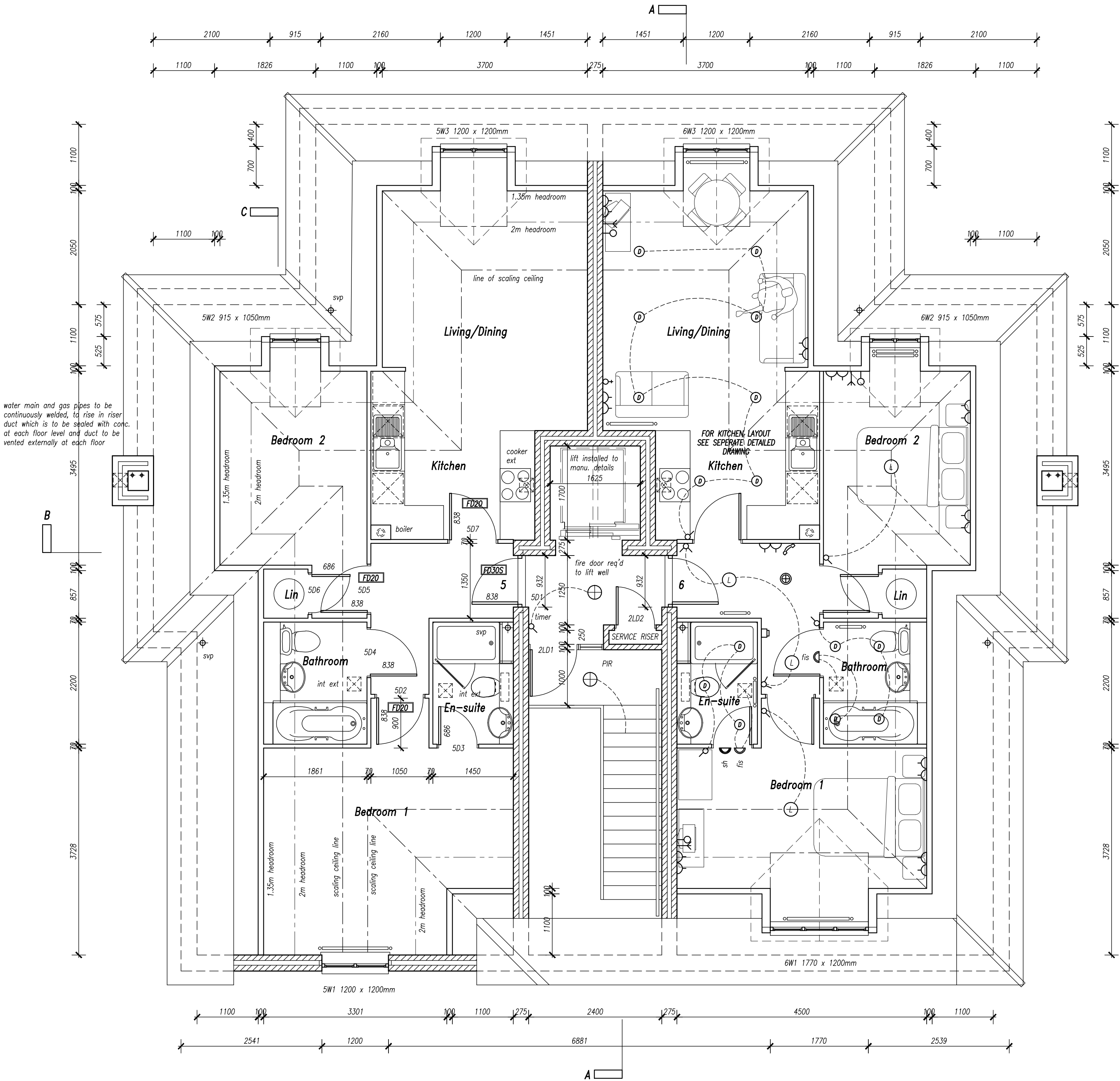
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- |  |
|--|
| Face brickwork   |
| 'Tarmac Hemelite' or similar 7N blockwork see engineers drags    |
| 'Tarmac Hemelite' or similar 10N blockwork, see engineers drags. |

Background ventilation rates based on Titan trimvent XS13 giving an EA (equivalent air area) of 4400mm<sup>2</sup> per vent

SW1	8800mm <sup>2</sup>
SW2	4400mm <sup>2</sup>
SW3	8800mm <sup>2</sup>
XXX	8800mm <sup>2</sup>
TOTAL	30800mm <sup>2</sup>

water main and gas pipes to be continuously welded, to rise in floor duct which is to be sealed with conc. at each floor level and duct to be vented externally at each floor



Whitcomb College - Guildford Road - Cranleigh  
Surrey - GU8 8PF  
Tele & Fax. 01483 272234

CLIENT  
ARTHUR WAIT LTD

SITE  
47, CROYDON RD, REIGATE

TITLE  
SECOND FLOOR PLANS

SCALE  
1:50  
NUMBER  
12.07.103

DATE  
12/12/07  
REVISION



