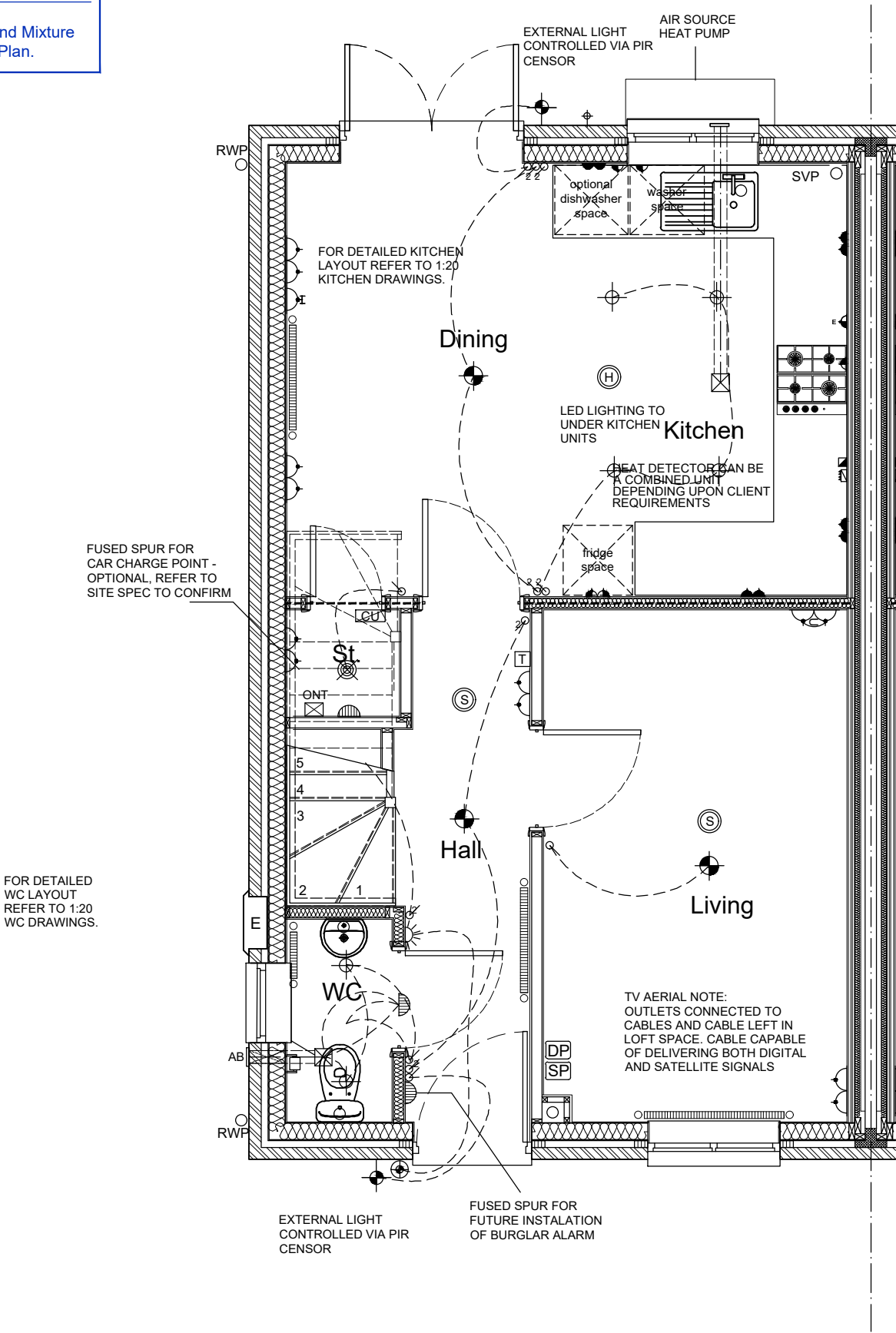


EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL	ONT OPTICAL NETWORK TERMINAL
DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL	DP DATA PLATE; 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
HIGH LEVEL SWITCHED SOCKET MAX. 1200mm FROM FFL	SP 4 SOCKET COMBINATION PLATE
HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL	BULKHEAD LIGHT FITTING
SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH	EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH	MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
FUSED SPUR	LIGHTING BAR WITH 4NO. LED SPOTS
PANEL GRID SWITCHES	RECESSED LE DOWNLIGHTS
COOKER CONTROL BOX	T.V. SOCKET MIN. 450mm FROM FFL
BT TELEPHONE POINT MIN. 450mm FROM FFL	CONSUMER UNIT
LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL	RADIATOR POSITION
2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL	TOWEL RAIL POSITION
SHAVES POINT	MAINS OPERATED BELL SOUNDER
LINKED SMOKE DETECTOR	MAINS OPERATED BELL PUSH
LINKED HEAT DETECTOR	OUTSIDE TAP
CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.	WALL MOUNTED ELECTRIC METER POSITION
WIRING	WALL EXTRACT FAN
SHOWER HEAD	COOKER EXTRACT FAN
	CEILING EXTRACT FAN
	LOW ENERGY PENDANT LIGHT FITTING
	PANIC BUTTON
	THERMOSTAT

EV NOTE
REFER TO EVCP SITE PLAN LAYOUT FOR REQUIREMENT/POSITION OF ELECTRIC VEHICLE CHARGING POINT UNITS ON SPECIFIC PLOTS.

EVCP UNIT OR COVER PLATE
INSTALLED TO HEIGHT AS SPECIFIED IN BUILDING REGULATIONS.

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All ventilation to DMEV rates.

EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
EN-SUITE	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
4	x	37
WHOLE BUILDING VENTILATION RATE		37 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

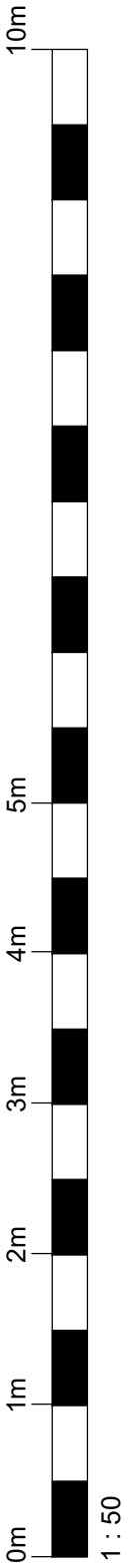
FLOOR AREA	x	VENTILATION RATE MIN
110	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		33 l/s* PER M²

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 110M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE HIGH RATE IS 35 L/S BASED ON 13+8+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE MINIMUM RATE IS 37 L/S BASED ON 4NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

GENERAL KEY

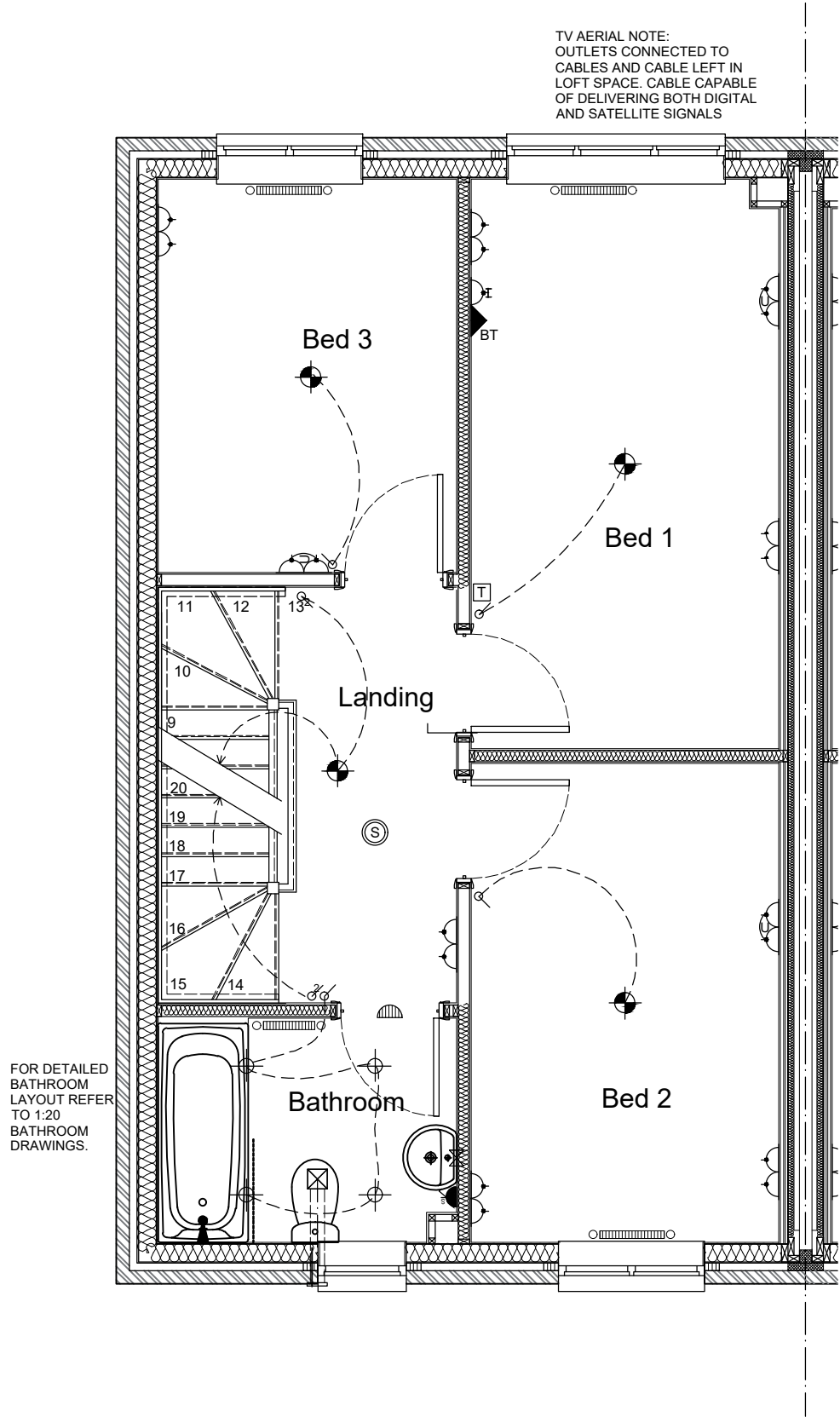
Ⓢ	SMOKE DETECTOR
Ⓜ	HEAT DETECTOR
⌈	WALL EXTRACT FAN
⌈	COOKER EXTRACT FAN
⌈	CEILING EXTRACT FAN

Trickle vents to windows within Bathrooms, Ensuites or WC's are not to be fitted in accordance with A.D Part F.



CONSTRUCTION

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

- DOUBLE SWITCHED
SOCKET
MIN. 450mm FROM FFL
- DOUBLE SWITCHED
SOCKET WITH USB
MIN. 450mm FROM FFL
- HIGH LEVEL SWITCHED
SOCKET MAX. 1200mm
FROM FFL
- HIGH LEVEL SWITCHED
SOCKET WITH USB
MAX. 1200mm FROM FFL
- SINGLE LOW LEVEL
SOCKET LINKED TO GRID
SWITCH
- DOUBLE LOW LEVEL
SOCKET LINKED TO GRID
SWITCH
- FUSED SPUR
- PANEL GRID SWITCHES
- COOKER CONTROL BOX
- BT
TELEPHONE POINT MIN.
450mm FROM FFL
- LIGHT SWITCH MAX.
1200mm ABOVE FLOOR
LEVEL
- 2 WAY LIGHT SWITCH
MAX. 1200mm FROM FFL
- SHAVER POINT
- LINKED SMOKE
DETECTOR
- LINKED HEAT
DETECTOR
- CAR CHARGE POINT
OPTIONAL REFER TO
SITE SPEC.
- WIRING
- SHOWER HEAD
- ONT
OPTICAL NETWORK
TERMINAL
- DP
DATA PLATE; 1 NO. BT
SOCKET, 1 NO
CO-AXIAL, FACILITY TO
LINK TO BEDROOM 1
- SP
4 SOCKET
COMBINATION PLATE
- BULKHEAD
LIGHT FITTING
- EXTERNAL LIGHT
CONTROLLED VIA PIR
SENSOR
- MIN. 330MM DIA. OPAL
DIFFUSER MULTIPLE
LED CEILING LIGHT
- LIGHTING BAR WITH
4NO. LED SPOTS
- RECESSED LE
DOWNLIGHTS
- T.V. SOCKET MIN.
450mm FROM FFL
- CONSUMER UNIT
- RADIATOR POSITION
- TOWEL RAIL POSITION
- MAINS OPERATED
BELL SOUNDER
- MAINS OPERATED
BELL PUSH
- OUTSIDE TAP
- E
WALL MOUNTED
ELECTRIC METER
POSITION
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN
- LOW ENERGY PENDANT
LIGHT FITTING
- P
PANIC BUTTON
- T
THERMOSTAT

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KITCHEN	13
BATHROOM	8
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WC	6
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35 (l/s)	

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NO. OF BEDROOMS	x	VENTILATION RATE MIN
4	x	37
WHOLE BUILDING VENTILATION RATE		37 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

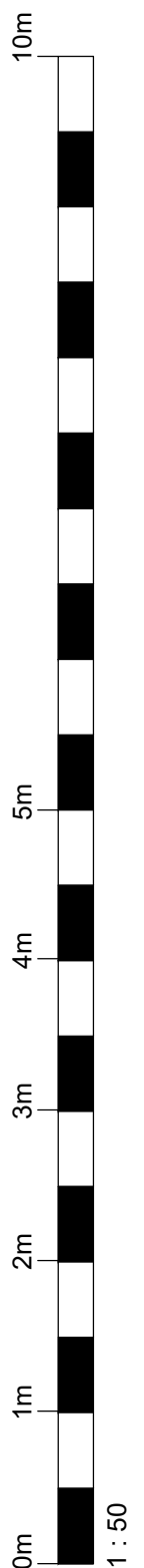
FLOOR AREA	x	VENTILATION RATE MIN
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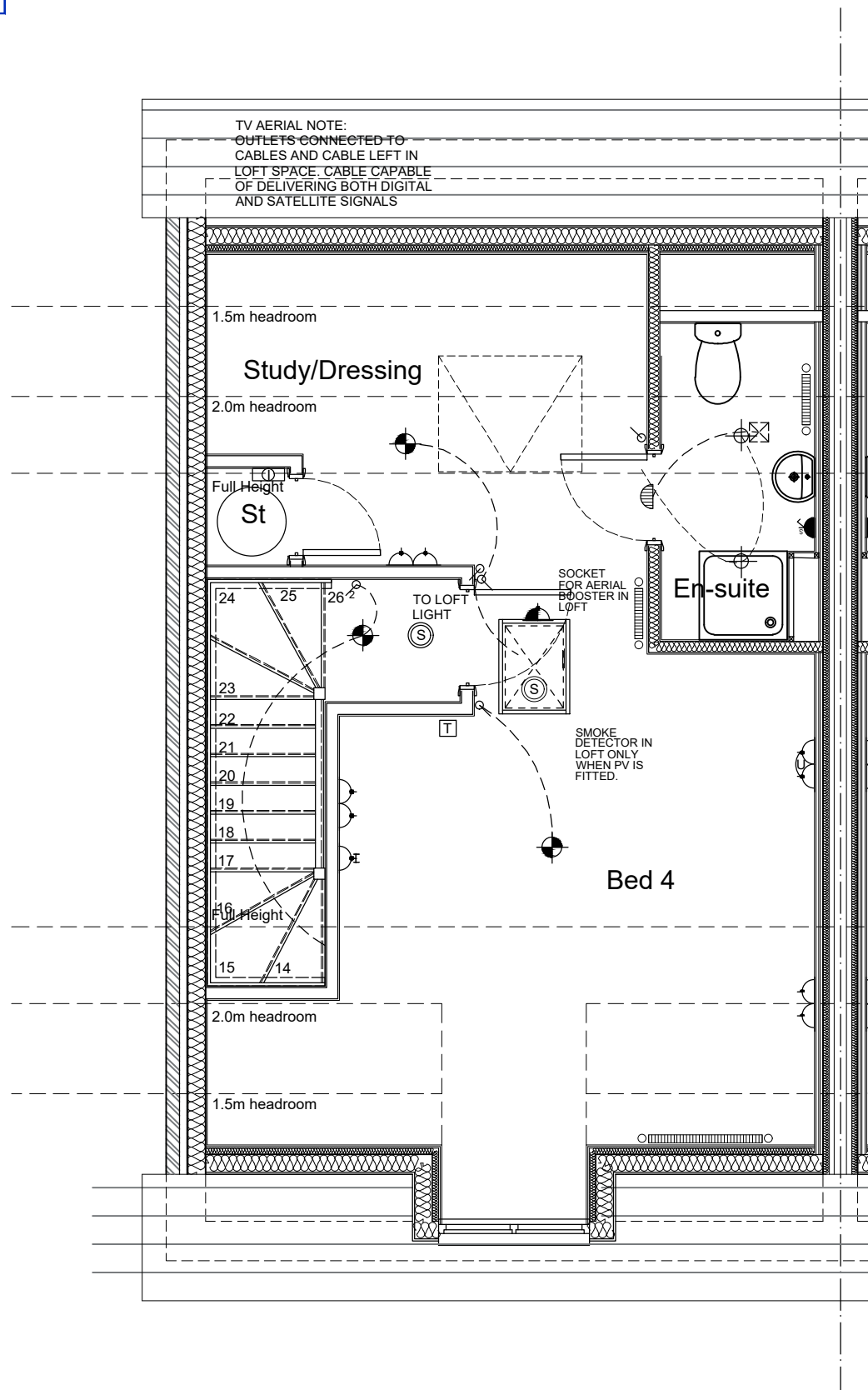
-
- S SMOKE DETECTOR
-
- H HEAT DETECTOR
-
- WALL EXTRACT FAN
-
- COOKER EXTRACT FAN
-
- CEILING EXTRACT FAN

Trickle vents to windows within Bathrooms,
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CONSTRUCTION

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



DOUBLE SWITCHED SOCKET
MIN. 450mm FROM FFL

DOUBLE SWITCHED SOCKET WITH USB
MIN. 450mm FROM FFL

HIGH LEVEL SWITCHED SOCKET WITH USB
MAX. 1200mm FROM FFL

HIGH LEVEL SWITCHED SOCKET WITH USB
MAX. 1200mm FROM FFL

SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

FUSED SPUR

PANEL GRID SWITCHES

COOKER CONTROL BOX

BT TELEPHONE POINT MIN. 450mm FROM FFL

LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL

2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL

SHAVAR POINT

LINKED SMOKE DETECTOR

LINKED HEAT DETECTOR

CAR CHARGE POINT
OPTIONAL REFER TO SITE SPEC.

WIRING

SHOWER HEAD

ONT OPTICAL NETWORK TERMINAL

DP DATA PLATE: 1 NO. BT SOCKET, 1 NO. CO-AXIAL. FACILITY TO LINK TO BEDROOM 1

SP 4 SOCKET COMBINATION PLATE

BULKHEAD LIGHT FITTING

EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR

MIN. 330mm DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT

LIGHTING BAR WITH 4NO. LED SPOTS

RECESSED LE DOWNLIGHTS

T.V. SOCKET MIN. 450mm FROM FFL

CONSUMER UNIT

RADIATOR POSITION

TOWEL RAIL POSITION

MAINS OPERATED BELL SOUNDER

MAINS OPERATED BELL PUSH

OUTSIDE TAP

WALL MOUNTED ELECTRIC METER POSITION

WALL EXTRACT FAN

COOKER EXTRACT FAN

CEILING EXTRACT FAN

LOW ENERGY PENDANT LIGHT FITTING

P PANIC BUTTON

T THERMOSTAT

EV NOTE
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BATHROOM	8
EN-SUITE	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE	
NO. OF BEDROOMS	VENTILATION RATE MIN
4	37
WHOLE BUILDING VENTILATION RATE	
37 l/s* PER M²	
WHOLE DWELLING VENTILATION RATE	
FLOOR AREA	VENTILATION RATE MIN
110	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE	
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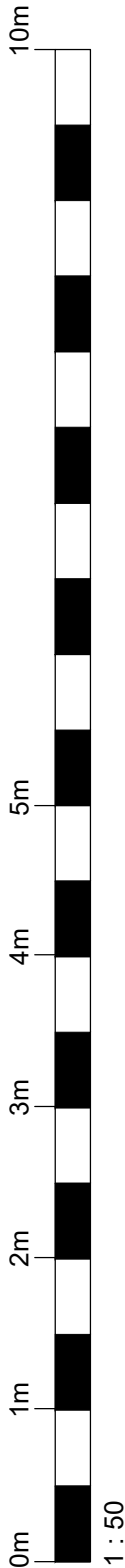
S SMOKE DETECTOR

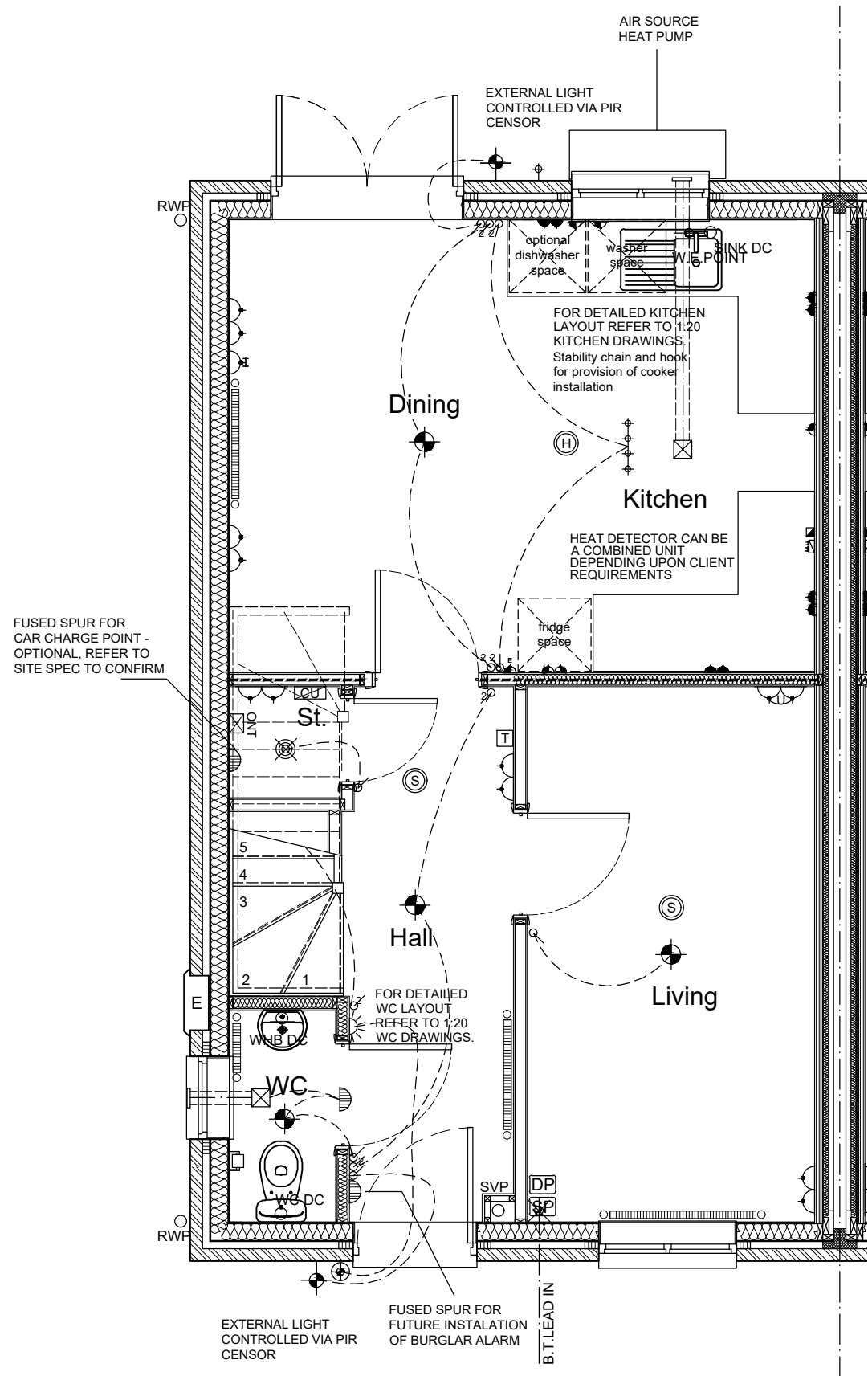
H HEAT DETECTOR

WALL EXTRACT FAN

COOKER EXTRACT FAN

CEILING EXTRACT FAN





EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

ELECTRICAL KEY

DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL	ONT OPTICAL NETWORK TERMINAL
DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL	DP DATA PLATE; 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
HIGH LEVEL SWITCHED SOCKET MAX.1200mm FROM FFL	SP 4 SOCKET COMBINATION PLATE
HIGH LEVEL SWITCHED SOCKET WITH USB MAX.1200mm FROM FFL	BULKHEAD LIGHT FITTING
SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH	EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH	MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
FUSED SPUR	LIGHTING BAR WITH 4NO. LED SPOTS
PANEL GRID SWITCHES	RECESSED LE DOWNLIGHTS
COOKER CONTROL BOX	T.V SOCKET MIN. 450mm FROM FFL
TELEPHONE POINT MIN. 450mm FROM FFL	CONSUMER UNIT
LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL	RADIATOR POSITION
2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL	TOWEL RAIL POSITION
SHAVAR POINT	MAINS OPERATED BELL SOUNDER
LINKED SMOKE DETECTOR	MAINS OPERATED BELL PUSH
LINKED HEAT DETECTOR	OUTSIDE TAP
CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.	E WALL MOUNTED ELECTRIC METER POSITION
WIRING	WALL EXTRACT FAN
SHOWER HEAD	COOKER EXTRACT FAN
	CEILING EXTRACT FAN
	LOW ENERGY PENDANT LIGHT FITTING
	P PANIC BUTTON
	T THERMOSTAT

EV NOTE
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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
27 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
3	x	31
WHOLE BUILDING VENTILATION RATE		31 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
79	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		24 l/s* PER M²

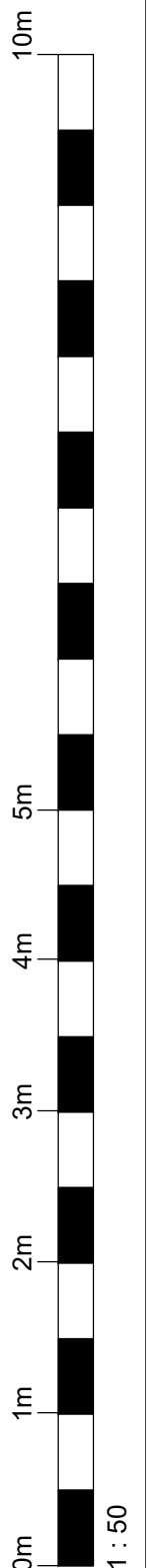
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TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

- Ⓢ SMOKE DETECTOR
- Ⓜ HEAT DETECTOR
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN

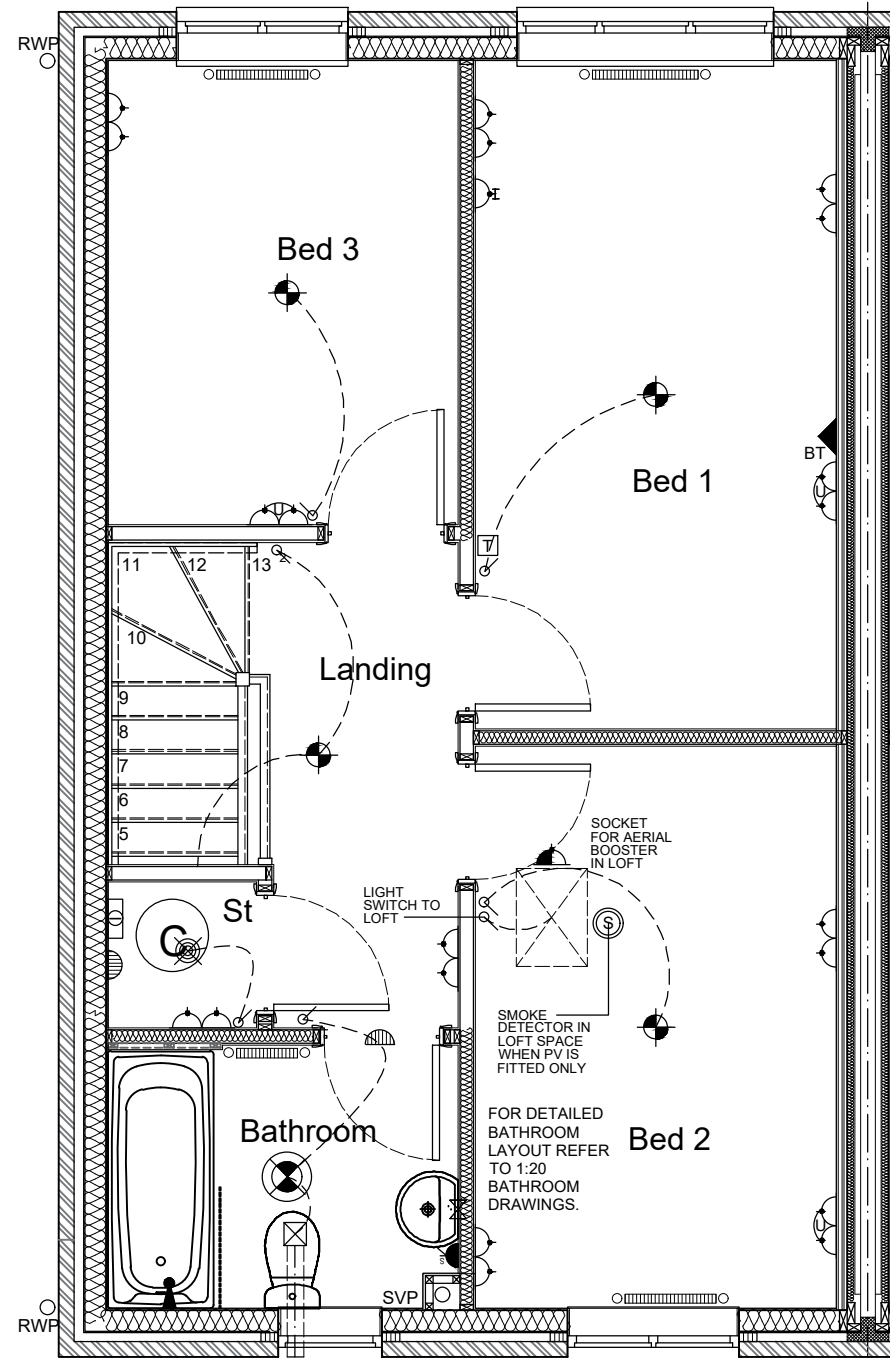


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EXTERNAL ELEVATION MATERIAL

BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

- | | | | |
|---|--|---|---|
|  | DOUBLE SWITCHED SOCKET
MIN. 450mm FROM FFL |  | ONT
TERMINAL |
|  | DOUBLE SWITCHED SOCKET WITH USB
MIN. 450mm FROM FFL |  | DATA PLATE; 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1 |
|  | HIGH LEVEL SWITCHED SOCKET MAX.1200mm FROM FFL |  | 4 SOCKET COMBINATION PLATE |
|  | HIGH LEVEL SWITCHED SOCKET WITH USB
MAX.1200mm FROM FFL |  | BULKHEAD LIGHT FITTING |
|  | SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH |  | EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR |
|  | DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH |  | MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT |
|  | FUSED SPUR |  | LIGHTING BAR WITH 4NO. LED SPOTS |
|  | PANEL GRID SWITCHES |  | RECESSED LE DOWNLIGHTS |
|  | COOKER CONTROL BOX |  | T.V SOCKET MIN. 450mm FROM FFL |
|  | TELEPHONE POINT MIN. 450mm FROM FFL |  | CONSUMER UNIT |
|  | LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL |  | RADIATOR POSITION |
|  | 2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL |  | TOWEL RAIL POSITION |
|  | SHAVER POINT |  | MAINS OPERATED BELL SOUNDER |
|  | LINKED SMOKE DETECTOR |  | MAINS OPERATED BELL PUSH |
|  | LINKED HEAT DETECTOR |  | OUTSIDE TAP |
|  | CAR CHARGE POINT
OPTIONAL REFER TO SITE SPEC. |  | WALL MOUNTED ELECTRIC METER POSITION |
|  | WIRING |  | WALL EXTRACT FAN |
|  | SHOWER HEAD |  | COOKER EXTRACT FAN |
| | |  | CEILING EXTRACT FAN |
| | |  | LOW ENERGY PENDANT LIGHT FITTING |
| | |  | PANIC BUTTON |
| | |  | THERMOSTAT |

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ALL VENTILATION TO DMEV RATES.

GENERAL KEY

-  SMOKE DETECTOR
 HEAT DETECTOR
 WALL EXTRACT FAN
 COOKER EXTRACT FAN
 CEILING EXTRACT FAN

Figure 1: A vertical bar chart showing the distribution of the number of species (n) for different values of the parameter k . The x-axis is labeled n and ranges from 0 to 10. The y-axis is labeled k and ranges from 0 to 10. The bars are black and white, representing the frequency of species counts for each k value. The distribution is highly skewed, with most species counts being 1 or 2, and a few counts being 3 or 4. The frequency of species counts decreases as k increases.

CONSTRUCTION

Client:



Project:
BRUNSWICK STREET
ARUNDEL
872ft²

Drawing Title:

WORKING DRAWING
FIRST FLOOR SERVICES - AS

'AS' PLOT NO'S: 13, 23, 37 AR

Job No:	1016
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Drawn:
EC

Checked:	BL
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Drawing No:	033
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Scale @ A3:
1:50

Rev:	
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Date:
JAN 2024



associates limited

architecture ■ building surveying ■ urban design

burnaby villa ■ 48 watling street road ■ fulwood ■ preston ■ pr2 8bp
tel: 01772 774510 fax: 01772 774511 email mck@mckassociates.co.uk

ELECTRICAL KEY	
	DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL
	DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL
	HIGH LEVEL SWITCHED SOCKET MAX. 1200mm FROM FFL
	HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL
	SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
	DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
	FUSED SPUR
	PANEL GRID SWITCHES
	COOKER CONTROL BOX
	TELEPHONE POINT MIN. 450mm FROM FFL
	LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL
	2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL
	SHAVER POINT
	LINKED SMOKE DETECTOR
	LINKED HEAT DETECTOR
	CAR CHARGE POINT. OPTIONAL REFER TO SITE SPEC.
	WIRING
	SHOWER HEAD
	OPTICAL NETWORK TERMINAL
	DATA PLATE: 1 NO. BT SOCKET, 1 NO. CO-AXIAL FACILITY TO LINK TO BEDROOM 1
	4 SOCKET COMBINATION PLATE
	BULKHEAD LIGHT FITTING
	EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
	MIN. 330mm DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
	LIGHTING BAR WITH 4 NO. LED SPOTS
	RECESSED LED DOWNLIGHTS
	T.V SOCKET MIN. 450mm FROM FFL
	CONSUMER UNIT
	RADIATOR POSITION
	TOWEL RAIL POSITION
	MAINS OPERATED BELL SOUNDER
	MAINS OPERATED BELL PUSH
	OUTSIDE TAP
	WALL MOUNTED ELECTRIC METER POSITION
	WALL EXTRACT FAN
	COOKER EXTRACT FAN
	CEILING EXTRACT FAN
	LOW ENERGY PENDANT LIGHT FITTING
	PANIC BUTTON
	THERMOSTAT

GENERAL KEY	
	SMOKE DETECTOR
	HEAT DETECTOR
	WALL EXTRACT FAN
	COOKER EXTRACT FAN
	CEILING EXTRACT FAN

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

general notes:
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EV NOTE
REFER TO EVCP SITE PLAN LAYOUT FOR REQUIREMENT/POSITION OF ELECTRIC VEHICLE CHARGING POINT UNITS ON SPECIFIC PLOTS.

EVCP UNIT OR COVER PLATE INSTALLED TO HEIGHT AS SPECIFIED IN BUILDING REGULATIONS.

Trickle vents to windows within Bathrooms, Ensuites or WC's are not to be fitted in accordance with A.D Part F

ALL VENTILATION TO DMEV RATES.

EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
TOTAL EXTRACTION RATE	
21 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
1	x	19
WHOLE BUILDING VENTILATION RATE		
19 l/s* PER M²		

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
49	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		
15 l/s* PER M²		

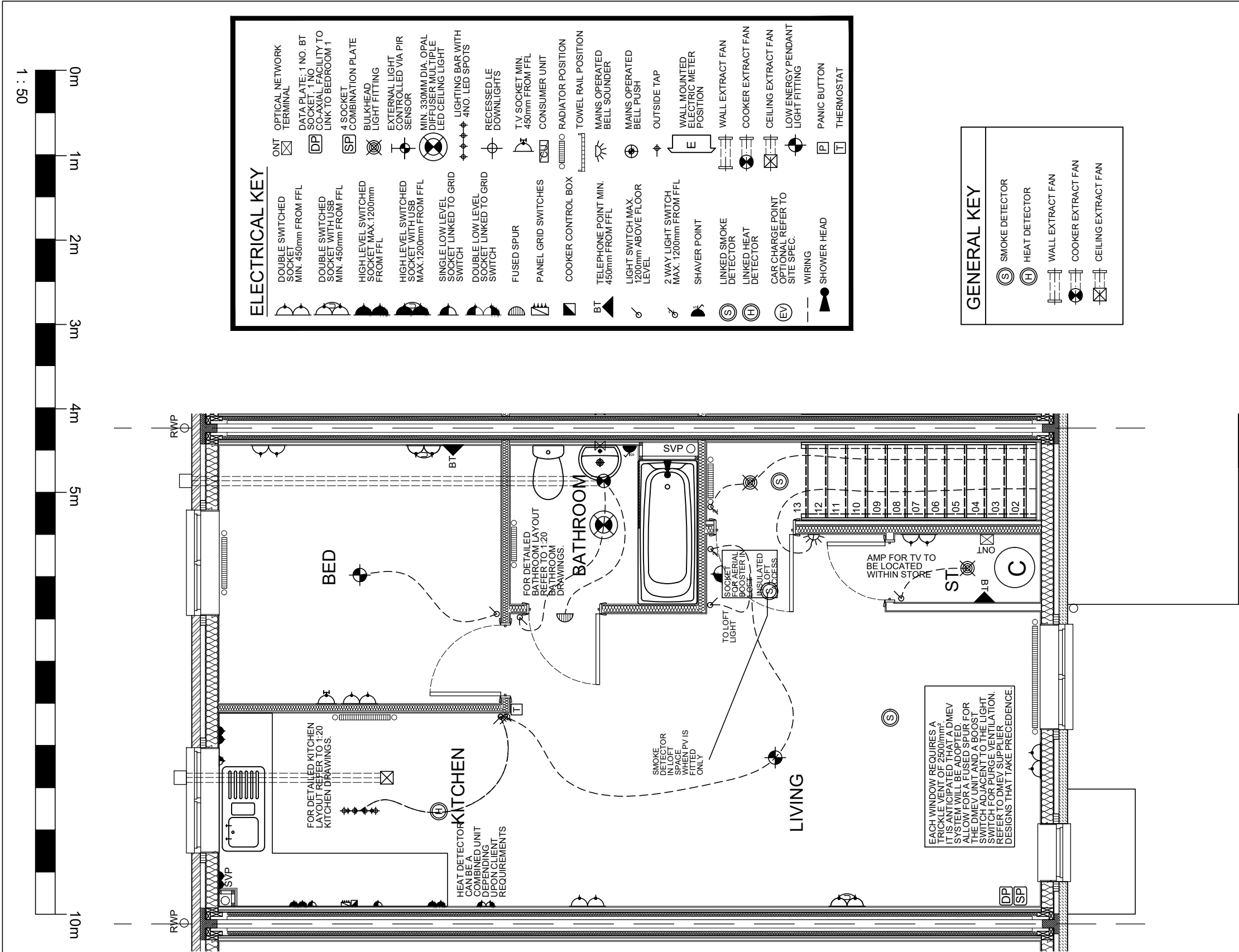
VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 49M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE HIGH RATE IS 21 L/S BASED ON 13+8 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE MINIMUM RATE IS 19 L/S BASED ON 1 NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

01 30-09-24 SK SVP's MOVED INTERNALLY, EXTERNAL SVP's OMITTED.

REV DATE BY DESCRIPTION

Job No: -1016		Drawing No: 013		Rev: 01
Drawn: BL	Checked: SK	Scale @ A3: 1:50	Date: Jan '24	



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EXTERNAL ELEVATION MATERIAL

BRICK

Weinerberger Woodland Mixture

REF. Materials Plan.

ALL VENTILATION TO DMEV RATES.

EXTRACT VENTILATION RATES:	
ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
TOTAL EXTRACTION RATE	
21 (l/s)	

WHOLE DWELLING VENTILATION RATE	
NO. OF BEDROOMS	VENTILATION RATE MIN
x	
1	19
WHOLE BUILDING VENTILATION RATE	
19 l/s* PER M²	

WHOLE DWELLING VENTILATION RATE	
FLOOR AREA	VENTILATION RATE MIN
x	
56	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE	
17 l/s* PER M²	

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 56M²/. THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE HIGH RATE IS 21 L/S BASED ON 13+8 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE MINIMUM RATE IS 19 L/S BASED ON 1 NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS
WITHIN BATHROOMS, ENSUITES OR
WC'S ARE NOT TO BE FITTED IN
ACCORDANCE WITH A.D PART F

01 30-09-24 SK SVP's MOVED INTERNALLY, EXTERNAL
SVP's OMITTED.

REV DATE BY DESCRIPTION

Job No:		Drawing No:		Rev:	
-1016		033		01	
Drawn:	Checked:	Scale @ A3:		Date:	
BL	SK	1:50		Jan '24	



Client:
Project:
BRUNSWICK STREET
BURGHLEY
614ft² & 545ft²

Drawing Title:
WORKING DRAWING
FIRST FLOOR SERVICES
MID UNIT AS
'AS' PLOT NO'S: 47, 48, 51, 52, 55, 56, 59, 60- AR

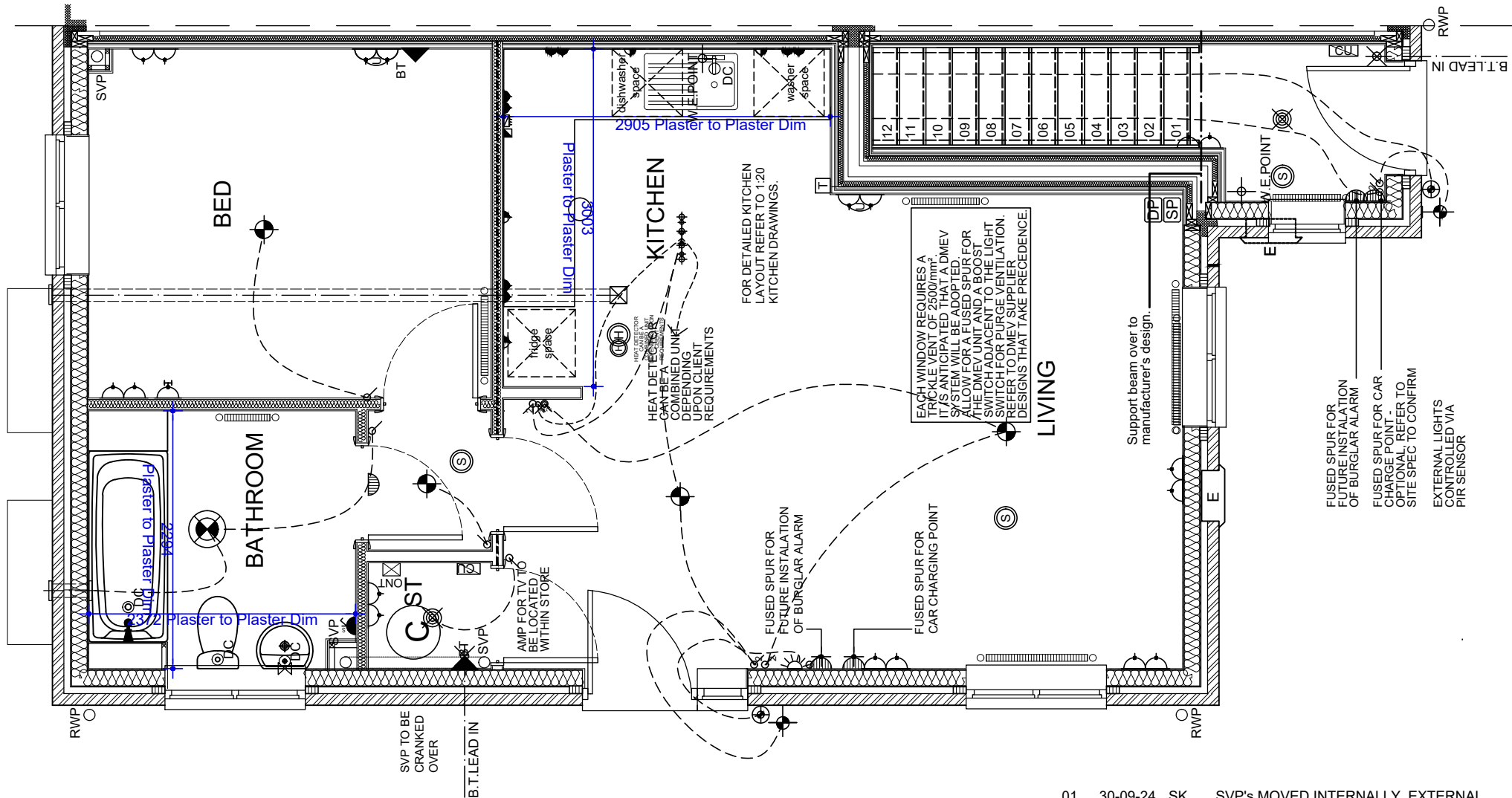
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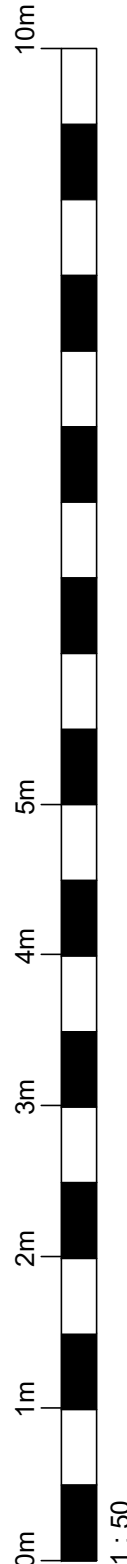
CONSTRUCTION

ELECTRICAL KEY	
	DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL
	DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL
	HIGH LEVEL SWITCHED SOCKET MAX. 1200mm FROM FFL
	HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL
	SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
	DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
	FUSED SPUR
	PANEL GRID SWITCHES
	COOKER CONTROL BOX
	TELEPHONE POINT MIN. 450mm FROM FFL
	LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL
	2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL
	SHAVR POINT
	LINKED SMOKE DETECTOR
	LINKED HEAT DETECTOR
	CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.
	WIRING
	SHOWER HEAD
	ONT OPTICAL NETWORK TERMINAL
	DATA PLATE - 1 NO. BT SOCKET, 1 NO. COAXIAL FACILITY TO LINK TO BEDROOM 1
	4 SOCKET COMBINATION PLATE
	BULKHEAD LIGHT FITTING
	EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
	MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
	LIGHTING BAR WITH 4 NO. LED SPOTS
	RECESSED LE DOWNLIGHTS
	T.V SOCKET MIN. 450mm FROM FFL
	CONSUMER UNIT
	RADIATOR POSITION
	TOWEL RAIL POSITION
	MAINS OPERATED BELL SOUNDER
	MAINS OPERATED BELL PUSH
	OUTSIDE TAP
	WALL MOUNTED ELECTRIC METER POSITION
	WALL EXTRACT FAN
	COOKER EXTRACT FAN
	CEILING EXTRACT FAN
	LOW ENERGY PENDANT LIGHT FITTING
	PANIC BUTTON
	THERMOSTAT



01	30-09-24	SK	SVP's MOVED INTERNALLY, EXTERNAL SVP's OMITTED.
REV	DATE	BY	DESCRIPTION

CONSTRUCTION



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EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

GENERAL KEY	
	SMOKE DETECTOR
	HEAT DETECTOR
	WALL EXTRACT FAN
	COOKER EXTRACT FAN
	CEILING EXTRACT FAN

EXTRACT VENTILATION RATES:	
ROOM	INTERMITTENT MIN RATE (L/S)
KITCHEN	30 (SET TO BOOST)
BATHROOM	15 (SET TO BOOST)
WC	6 (SET TO BOOST)
TOTAL EXTRACTION RATE	
51 (l/s)	
Mechanical extract intermittent running trickle speed: Kitchen 30l/s Bathrooms 15l/s. Maximum high rate 55l/s	
WHOLE DWELLING VENTILATION RATE - 545	
FLOOR AREA	x
51	x
VENTILATION RATE MIN	
0.3 L/S PER M²	
WHOLE BUILDING VENTILATION RATE	
16.8 l/s* PER	
BACKGROUND VENTILATION	
FLOOR AREA (M2)	
51	
TOTAL EQUIVALENT BACKGROUND VENTILATOR AREA (MM2)	
35,000	

IT IS ANTICIPATED THAT A DMEV SYSTEM WILL BE ADOPTED. ALLOW FOR A FUSED SPUR FOR THE DMEV UNIT AND A BOOST SWITCH ADJACENT TO THE LIGHT SWITCH FOR PURGE VENTILATION. REFER TO DMEV SUPPLIER DESIGNS THAT TAKE PRECEDENCE.

Client:

Project:

BRUNSWICK STREET
BURGHLEY
614 & 545 M4(2)

Drawing Title:

WORKING DRAWING
GROUND FLOOR SERVICES

'AS' PLOT NO'S: 43, 44 - AR

Job No:

1016

Drawn:

DH

Checked:

SK

Drawing No:

012

Scale @ A3:

1:50

Rev:

01

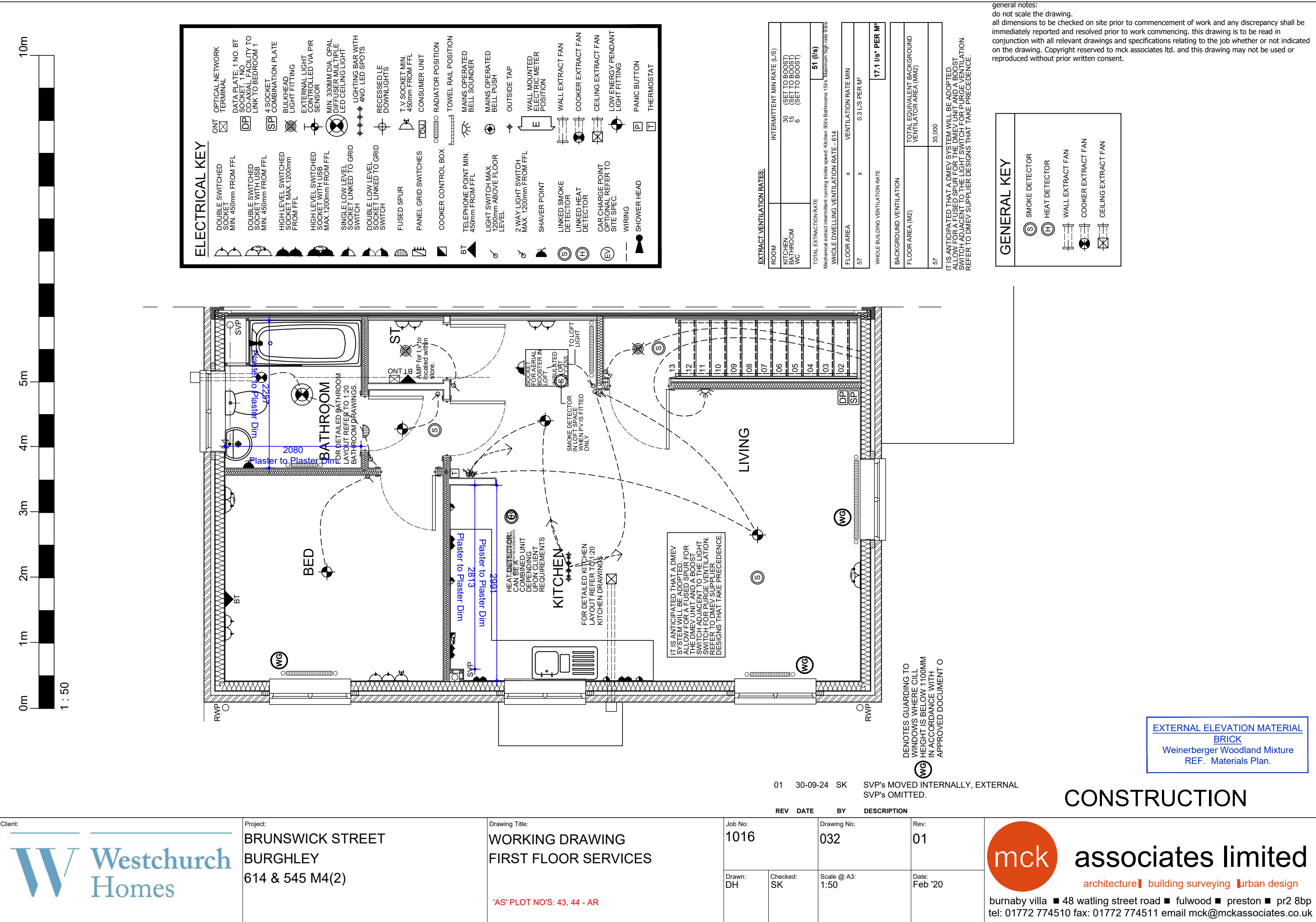
Date:

Feb '20

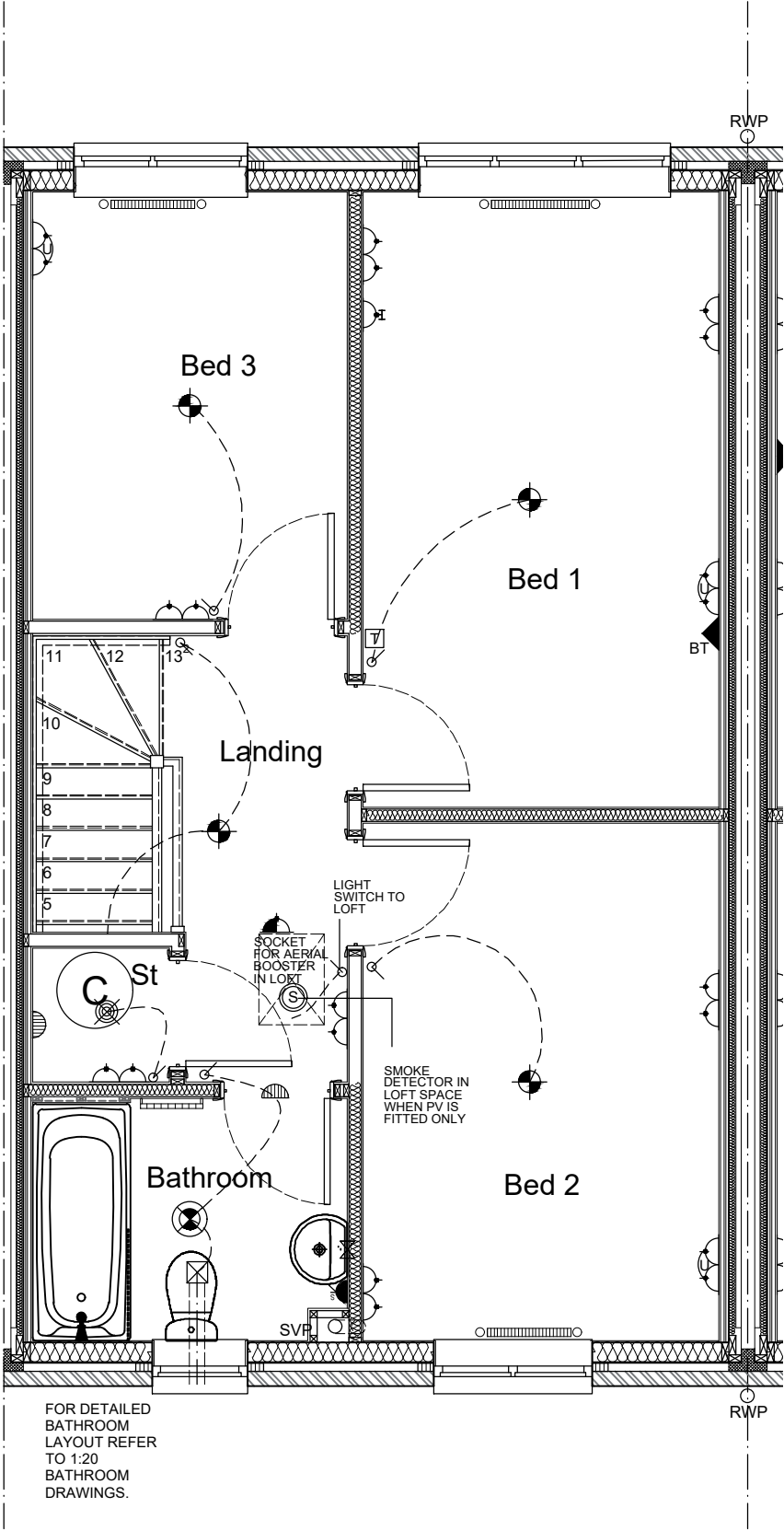
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EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

- DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL
- DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL
- HIGH LEVEL SWITCHED SOCKET MAX.1200mm FROM FFL
- HIGH LEVEL SWITCHED SOCKET WITH USB MAX.1200mm FROM FFL
- SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
- DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
- FUSED SPUR
- PANEL GRID SWITCHES
- COOKER CONTROL BOX
- BT TELEPHONE POINT MIN. 450mm FROM FFL
- LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL
- 2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL
- SHAVAR POINT
- LINKED SMOKE DETECTOR
- LINKED HEAT DETECTOR
- CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.
- WIRING
- SHOWER HEAD
- ONT OPTICAL NETWORK TERMINAL
- DATA PLATE; 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
- 4 SOCKET COMBINATION PLATE
- BULKHEAD LIGHT FITTING
- EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
- MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
- LIGHTING BAR WITH 4NO. LED SPOTS
- RECESSED LE DOWNLIGHTS
- T.V SOCKET MIN. 450mm FROM FFL
- CONSUMER UNIT
- RADIATOR POSITION
- TOWEL RAIL POSITION
- MAINS OPERATED BELL SOUNDER
- MAINS OPERATED BELL PUSH
- OUTSIDE TAP
- WALL MOUNTED ELECTRIC METER POSITION
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN
- LOW ENERGY PENDANT LIGHT FITTING
- PANIC BUTTON
- THERMOSTAT

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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
27 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
3	x	31
WHOLE BUILDING VENTILATION RATE		31 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
80.1	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		24 l/s* PER M²

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 80.1M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE HIGH RATE IS 27 L/S BASED ON 13+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE MINIMUM RATE IS 31 L/S BASED ON 3NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

GENERAL KEY

- SMOKE DETECTOR
- HEAT DETECTOR
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN



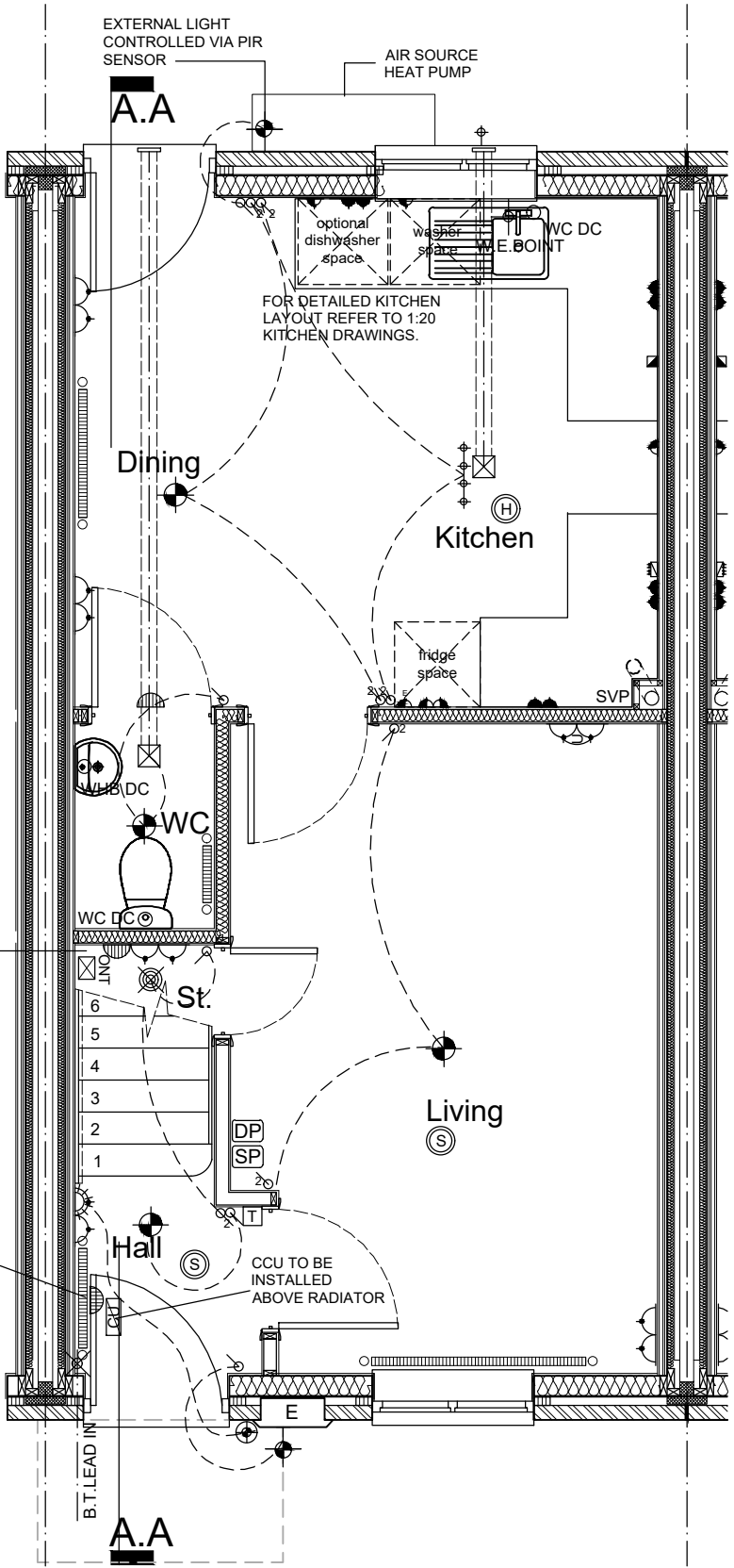
CONSTRUCTION

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

FOR DETAILED WC
LAYOUT REFER TO 1:20
WC DRAWINGS.

FUSED SPUR FOR
CAR CHARGE
POINT - OPTIONAL,
REFER TO SITE
SPEC TO CONFIRM

FUSED SPUR FOR
FUTURE
INSTALLATION OF
BURGLAR ALARM



ELECTRICAL KEY

DOUBLE SWITCHED SOCKET
MIN. 450mm FROM FFL

DOUBLE SWITCHED SOCKET WITH USB
MIN. 450mm FROM FFL

HIGH LEVEL SWITCHED SOCKET WITH USB
MAX. 1200mm FROM FFL

HIGH LEVEL SWITCHED SOCKET WITH USB
MAX. 1200mm FROM FFL

SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

FUSED SPUR

PANEL GRID SWITCHES

COOKER CONTROL BOX

TELEPHONE POINT MIN. 450mm FROM FFL

LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL

2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL

SHAVER POINT

LINKED SMOKE DETECTOR

LINKED HEAT DETECTOR

CAR CHARGE POINT
OPTIONAL REFER TO SITE SPEC.

WIRING

SHOWER HEAD

ONT OPTICAL NETWORK TERMINAL

DATA PLATE: 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1

4 SOCKET COMBINATION PLATE

BULKHEAD LIGHT FITTING

EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR

MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT

LIGHTING BAR WITH 4NO. LED SPOTS

RECESSED LED DOWNLIGHTS

T.V SOCKET MIN. 450mm FROM FFL

CONSUMER UNIT

RADIATOR POSITION

TOWEL RAIL POSITION

MAINS OPERATED BELL SOUNDER

MAINS OPERATED BELL PUSH

OUTSIDE TAP

WALL MOUNTED ELECTRIC METER POSITION

WALL EXTRACT FAN

COOKER EXTRACT FAN

CEILING EXTRACT FAN

LOW ENERGY PENDANT LIGHT FITTING

PANIC BUTTON

THERMOSTAT

EV NOTE
REFER TO EVCP SITE PLAN LAYOUT
FOR REQUIREMENT/POSITION OF
ELECTRIC VEHICLE CHARGING POINT
UNITS ON SPECIFIC PLOTS.

EVCP UNIT OR COVER PLATE
INSTALLED TO HEIGHT AS SPECIFIED IN
BUILDING REGULATIONS.

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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
27 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
2	x	25
WHOLE BUILDING VENTILATION RATE		
25 l/s* PER M²		

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
67	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		
20 l/s* PER M²		

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 110M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE HIGH RATE IS 27 L/S BASED ON 13+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE MINIMUM RATE IS 25 L/S BASED ON 2NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

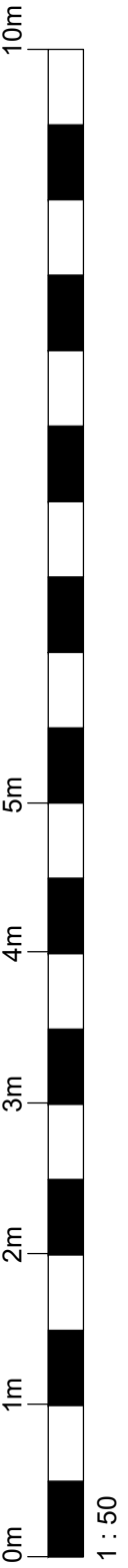
SMOKE DETECTOR

HEAT DETECTOR

WALL EXTRACT FAN

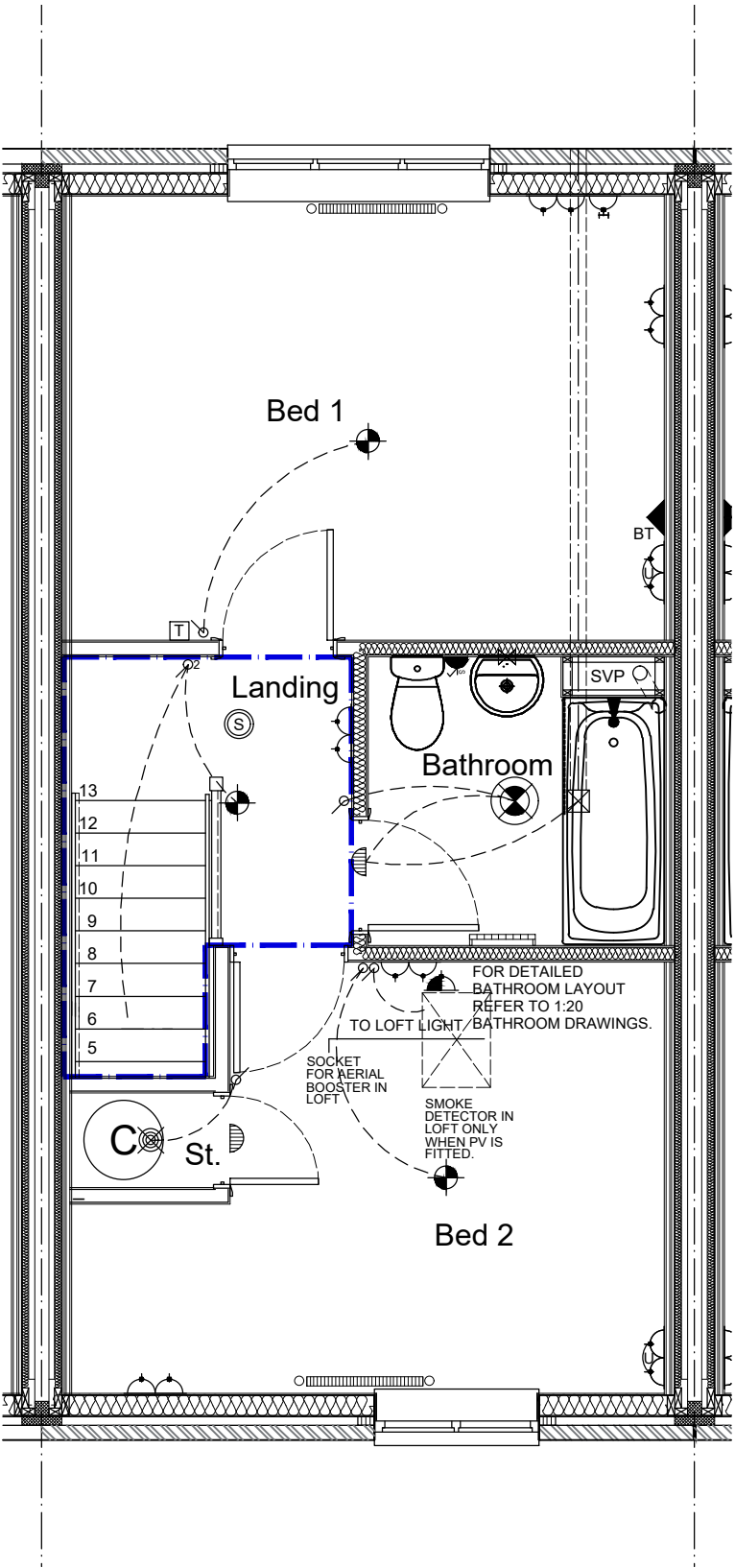
COOKER EXTRACT FAN

CEILING EXTRACT FAN



CONSTRUCTION

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

	DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL		ONT OPTICAL NETWORK TERMINAL
	DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL		DATA PLATE: 1 NO. BT SOCKET, 1 NO. CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
	HIGH LEVEL SWITCHED SOCKET MAX. 1200mm FROM FFL		4 SOCKET COMBINATION PLATE
	HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL		BULKHEAD LIGHT FITTING
	SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH		EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
	DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH		MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
	FUSED SPUR		LIGHTING BAR WITH 4NO. LED SPOTS
	PANEL GRID SWITCHES		RECESSED LE DOWNLIGHTS
	COOKER CONTROL BOX		T.V. SOCKET MIN. 450mm FROM FFL
	TELEPHONE POINT MIN. 450mm FROM FFL		CONSUMER UNIT
	LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL		RADIATOR POSITION
	2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL		TOWEL RAIL POSITION
	SHAVER POINT		MAINS OPERATED BELL SOUNDER
	LINKED SMOKE DETECTOR		MAINS OPERATED BELL PUSH
	LINKED HEAT DETECTOR		OUTSIDE TAP
	CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.		WALL MOUNTED ELECTRIC METER POSITION
	WIRING		WALL EXTRACT FAN
	SHOWER HEAD		COOKER EXTRACT FAN
			CEILING EXTRACT FAN
			LOW ENERGY PENDANT LIGHT FITTING
			PANIC BUTTON
			THERMOSTAT

EV NOTE
REFER TO EVCP SITE PLAN LAYOUT FOR REQUIREMENT/POSITION OF ELECTRIC VEHICLE CHARGING POINT UNITS ON SPECIFIC PLOTS.

EVCP UNIT OR COVER PLATE
INSTALLED TO HEIGHT AS SPECIFIED IN BUILDING REGULATIONS.

EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
27 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
2	x	25
WHOLE BUILDING VENTILATION RATE		
25 l/s* PER M ²		

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
67	x	0.3 L/S PER M ²
WHOLE BUILDING VENTILATION RATE		
20 l/s* PER M ²		

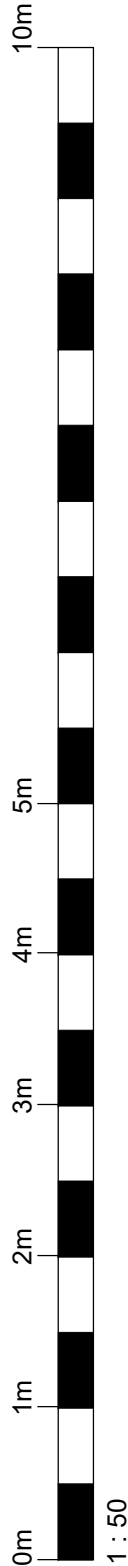
VENTILATION NOTE:
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TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

	SMOKE DETECTOR
	HEAT DETECTOR
	WALL EXTRACT FAN
	COOKER EXTRACT FAN
	CEILING EXTRACT FAN



CONSTRUCTION

Client:



Project:

CORE HOUSE TYPE
752 KNOWL

Drawing Title:

WORKING DRAWING
FIRST FLOOR SERVICES - AS MID

'AS' PLOT NO'S: 64, 65, 66, 67 - AR

Job No:

1016

Drawing No:

-037

Rev:

.

Drawn:

EC

Checked:

SK

Scale @ A3:

1:50

Date:

April 24



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architecture | building surveying | urban design

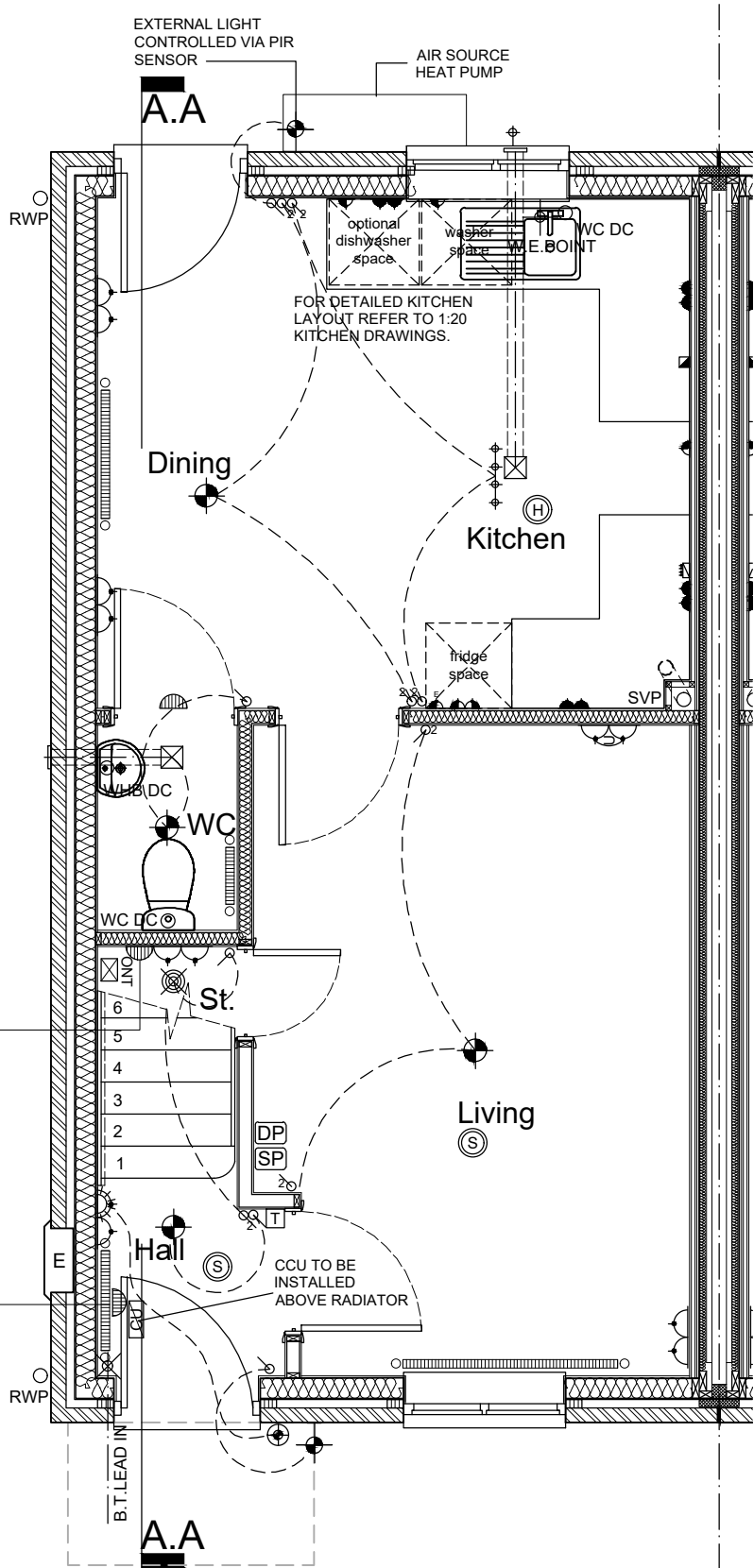
burnaby villa ■ 48 watling street road ■ fulwood ■ preston ■ pr2 8bp
tel: 01772 774510 fax: 01772 774511 email mck@mckassociates.co.uk

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

FOR DETAILED WC
LAYOUT REFER TO 1:20
WC DRAWINGS.

FUSED SPUR FOR
CAR CHARGE
POINT - OPTIONAL,
REFER TO SITE
SPEC TO CONFIRM

FUSED SPUR FOR
FUTURE
INSTALLATION OF
BURGLAR ALARM



ELECTRICAL KEY			
	DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL		ONT OPTICAL NETWORK TERMINAL
	DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL		DATA PLATE: 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
	HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL		4 SOCKET COMBINATION PLATE
	HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL		BULKHEAD LIGHT FITTING
	SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH		EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
	DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH		MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
	FUSED SPUR		LIGHTING BAR WITH 4NO. LED SPOTS
	PANEL GRID SWITCHES		RECESSED LED DOWNLIGHTS
	COOKER CONTROL BOX		T.V SOCKET MIN. 450mm FROM FFL
	TELEPHONE POINT MIN. 450mm FROM FFL		CONSUMER UNIT
	LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL		RADIATOR POSITION
	2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL		TOWEL RAIL POSITION
	SHAVER POINT		MAINS OPERATED BELL SOUNDER
	LINKED SMOKE DETECTOR		MAINS OPERATED BELL PUSH
	LINKED HEAT DETECTOR		OUTSIDE TAP
	CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.		WALL MOUNTED ELECTRIC METER POSITION
	WIRING		WALL EXTRACT FAN
	SHOWER HEAD		COOKER EXTRACT FAN
			CEILING EXTRACT FAN
			LOW ENERGY PENDANT LIGHT FITTING
			PANIC BUTTON
			THERMOSTAT

EV NOTE
REFER TO EVCP SITE PLAN LAYOUT
FOR REQUIREMENT/POSITION OF
ELECTRIC VEHICLE CHARGING POINT
UNITS ON SPECIFIC PLOTS.

EVCP UNIT OR COVER PLATE
INSTALLED TO HEIGHT AS SPECIFIED IN
BUILDING REGULATIONS.

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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
27 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
2	x	25
WHOLE BUILDING VENTILATION RATE		25 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
67	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		20 l/s* PER M²

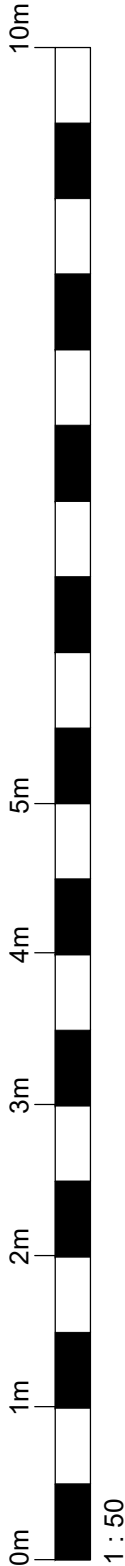
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TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

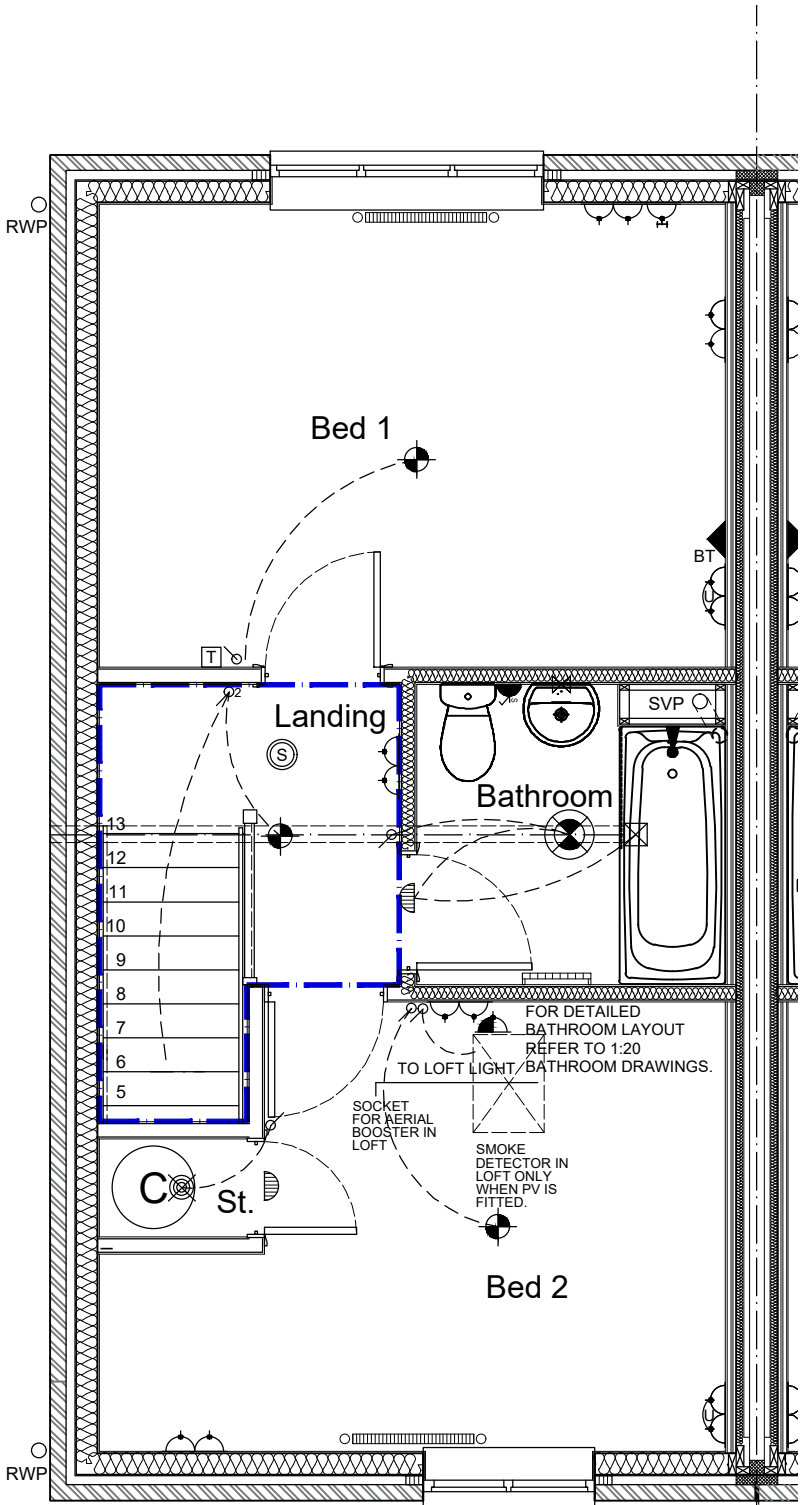
GENERAL KEY

- SMOKE DETECTOR
- HEAT DETECTOR
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN



CONSTRUCTION

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

- DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL
- DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL
- HIGH LEVEL SWITCHED SOCKET MAX. 1200mm FROM FFL
- HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL
- SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
- DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
- FUSED SPUR
- PANEL GRID SWITCHES
- COOKER CONTROL BOX
- BT TELEPHONE POINT MIN. 450mm FROM FFL
- LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL
- 2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL
- SHAVAR POINT
- LINKED SMOKE DETECTOR
- LINKED HEAT DETECTOR
- CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.
- WIRING
- SHOWER HEAD
- ONT OPTICAL NETWORK TERMINAL
- DATA PLATE: 1 NO. BT SOCKET, 1 NO. CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
- 4 SOCKET COMBINATION PLATE
- BULKHEAD LIGHT FITTING
- EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
- MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
- LIGHTING BAR WITH 4NO. LED SPOTS
- RECESSED LE DOWNLIGHTS
- T.V SOCKET MIN. 450mm FROM FFL
- CONSUMER UNIT
- RADIATOR POSITION
- TOWEL RAIL POSITION
- MAINS OPERATED BELL SOUNDER
- MAINS OPERATED BELL PUSH
- OUTSIDE TAP
- WALL MOUNTED ELECTRIC METER POSITION
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN
- LOW ENERGY PENDANT LIGHT FITTING
- PANIC BUTTON
- THERMOSTAT

EV NOTE
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EVCP UNIT OR COVER PLATE
INSTALLED TO HEIGHT AS SPECIFIED IN BUILDING REGULATIONS.

EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
27 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
2	x	25
WHOLE BUILDING VENTILATION RATE		
25 l/s* PER M ²		

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
67	x	0.3 L/S PER M ²
WHOLE BUILDING VENTILATION RATE		
20 l/s* PER M ²		

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ALL VENTILATION TO DMEV RATES.

GENERAL KEY

- SMOKE DETECTOR
- HEAT DETECTOR
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN

CONSTRUCTION



Project:
CORE HOUSE TYPE
752 KNOWL

Drawing Title:
WORKING DRAWING
FIRST FLOOR SERVICES - AS

'AS' PLOT NO'S: 63 - AR

REV DATE BY DESCRIPTION

Job No:
1016

Drawing No:
-033

Rev:

Drawn:
EC

Checked:
SK

Scale @ A3:
1:50

Date:
April 24

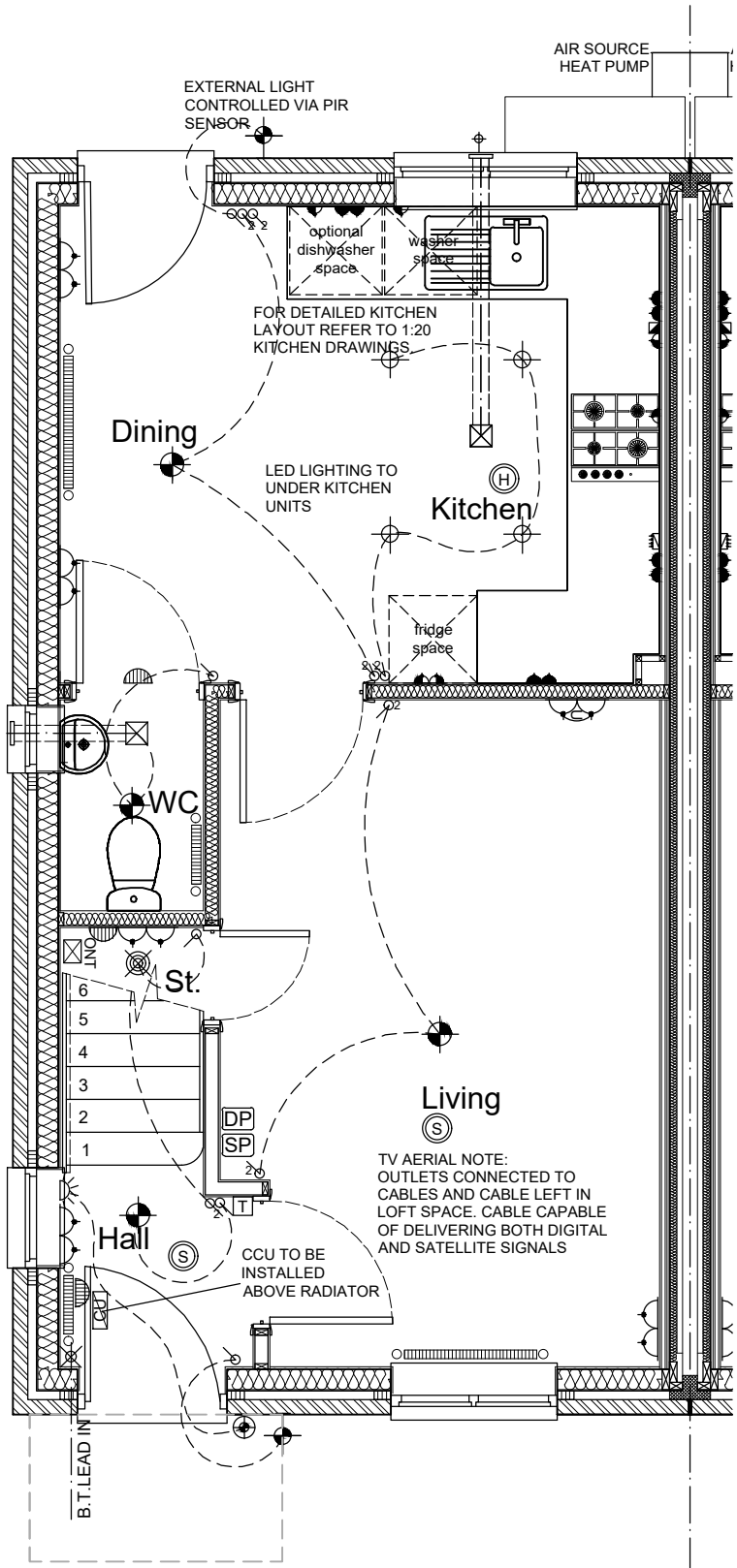


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tel: 01772 774510 fax: 01772 774511 email mck@mckassociates.co.uk

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL	ONT OPTICAL NETWORK TERMINAL
DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL	DP DATA PLATE: 1 NO. BT SOCKET, 1 NO. CO-AXIAL. FACILITY TO LINK TO BEDROOM 1
HIGH LEVEL SWITCHED SOCKET MAX. 1200mm FROM FFL	SP 4 SOCKET COMBINATION PLATE
HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL	BULKHEAD LIGHT FITTING
SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH	EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH	MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
FUSED SPUR	LIGHTING BAR WITH 4NO. LED SPOTS
PANEL GRID SWITCHES	RECESSED LE DOWNLIGHTS
COOKER CONTROL BOX	T.V. SOCKET MIN. 450mm FROM FFL
BT TELEPHONE POINT MIN. 450mm FROM FFL	CONSUMER UNIT
LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL	RADIATOR POSITION
2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL	TOWEL RAIL POSITION
SHAVER POINT	MAINS OPERATED BELL SOUNDER
LINKED SMOKE DETECTOR	MAINS OPERATED BELL PUSH
LINKED HEAT DETECTOR	OUTSIDE TAP
CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.	WALL MOUNTED ELECTRIC METER POSITION
WIRING	WALL EXTRACT FAN
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	CEILING EXTRACT FAN
	LOW ENERGY PENDANT LIGHT FITTING
	PANIC BUTTON
	THERMOSTAT

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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
4	x	31
WHOLE BUILDING VENTILATION RATE		37 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
98	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		29.4 l/s* PER M²

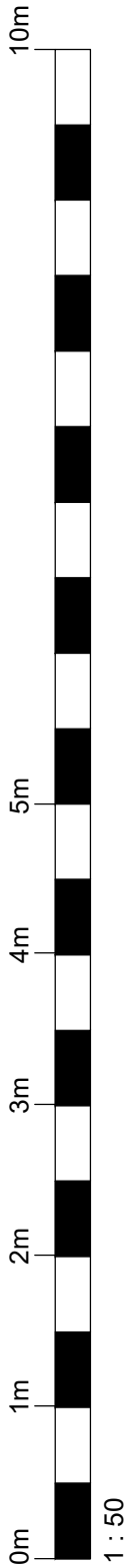
M²
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ALL VENTILATION TO DMEV RATES.

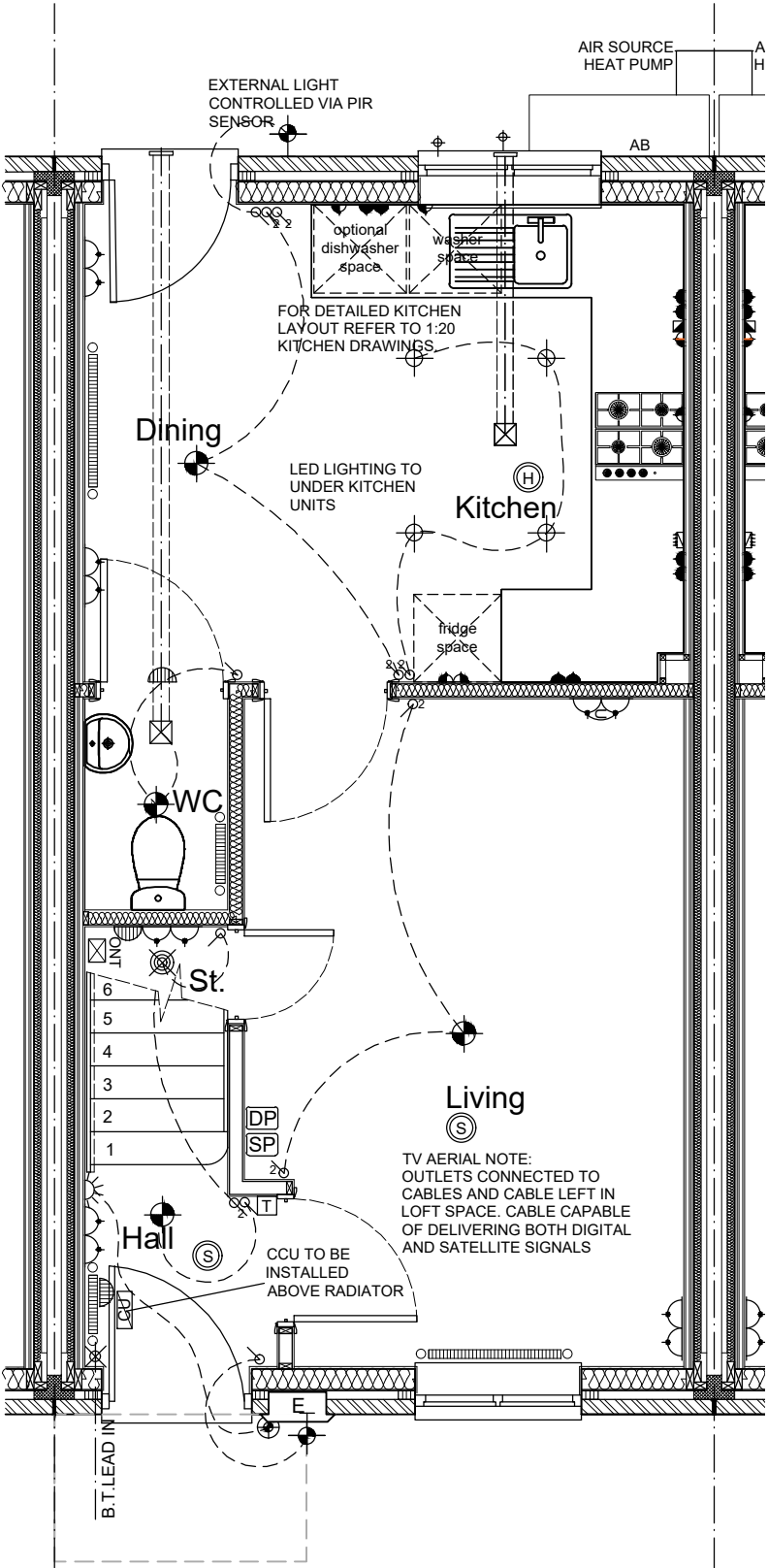
GENERAL KEY

(S)	SMOKE DETECTOR
(H)	HEAT DETECTOR
[Symbol]	WALL EXTRACT FAN
[Symbol]	COOKER EXTRACT FAN
[Symbol]	CEILING EXTRACT FAN



CONSTRUCTION

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

DOUBLE SWITCHED SOCKET
MIN. 450mm FROM FFL

DOUBLE SWITCHED SOCKET WITH USB
MIN. 450mm FROM FFL

HIGH LEVEL SWITCHED SOCKET MAX. 1200mm FROM FFL

HIGH LEVEL SWITCHED SOCKET WITH USB
MAX. 1200mm FROM FFL

SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

FUSED SPUR

PANEL GRID SWITCHES

COOKER CONTROL BOX

BT TELEPHONE POINT MIN. 450mm FROM FFL

LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL

2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL

SHAVER POINT

LINKED SMOKE DETECTOR

LINKED HEAT DETECTOR

CAR CHARGE POINT
OPTIONAL REFER TO SITE SPEC.

WIRING

SHOWER HEAD

ONT OPTICAL NETWORK TERMINAL

DP DATA PLATE: 1 NO. BT SOCKET, 1 NO. CO-AXIAL. FACILITY TO LINK TO BEDROOM 1

SP 4 SOCKET COMBINATION PLATE

BULKHEAD LIGHT FITTING

EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR

MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT

LIGHTING BAR WITH 4NO. LED SPOTS

RECESSED LE DOWNLIGHTS

T.V. SOCKET MIN. 450mm FROM FFL

CONSUMER UNIT

RADIATOR POSITION

TOWEL RAIL POSITION

MAINS OPERATED BELL SOUNDER

MAINS OPERATED BELL PUSH

OUTSIDE TAP

WALL MOUNTED ELECTRIC METER POSITION

WALL EXTRACT FAN

COOKER EXTRACT FAN

CEILING EXTRACT FAN

LOW ENERGY PENDANT LIGHT FITTING

PANIC BUTTON

THERMOSTAT

EV NOTE

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ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
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35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
4	x	31
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M²
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ALL VENTILATION TO DMEV RATES.

GENERAL KEY

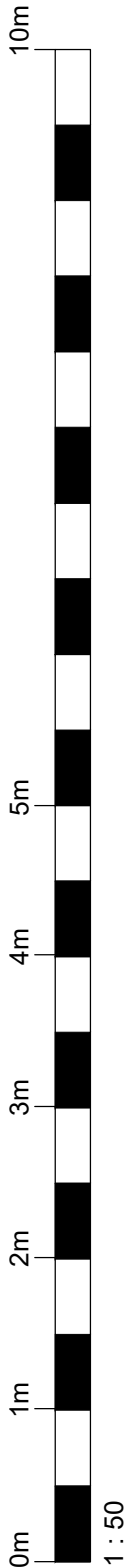
S SMOKE DETECTOR

H HEAT DETECTOR

WALL EXTRACT FAN

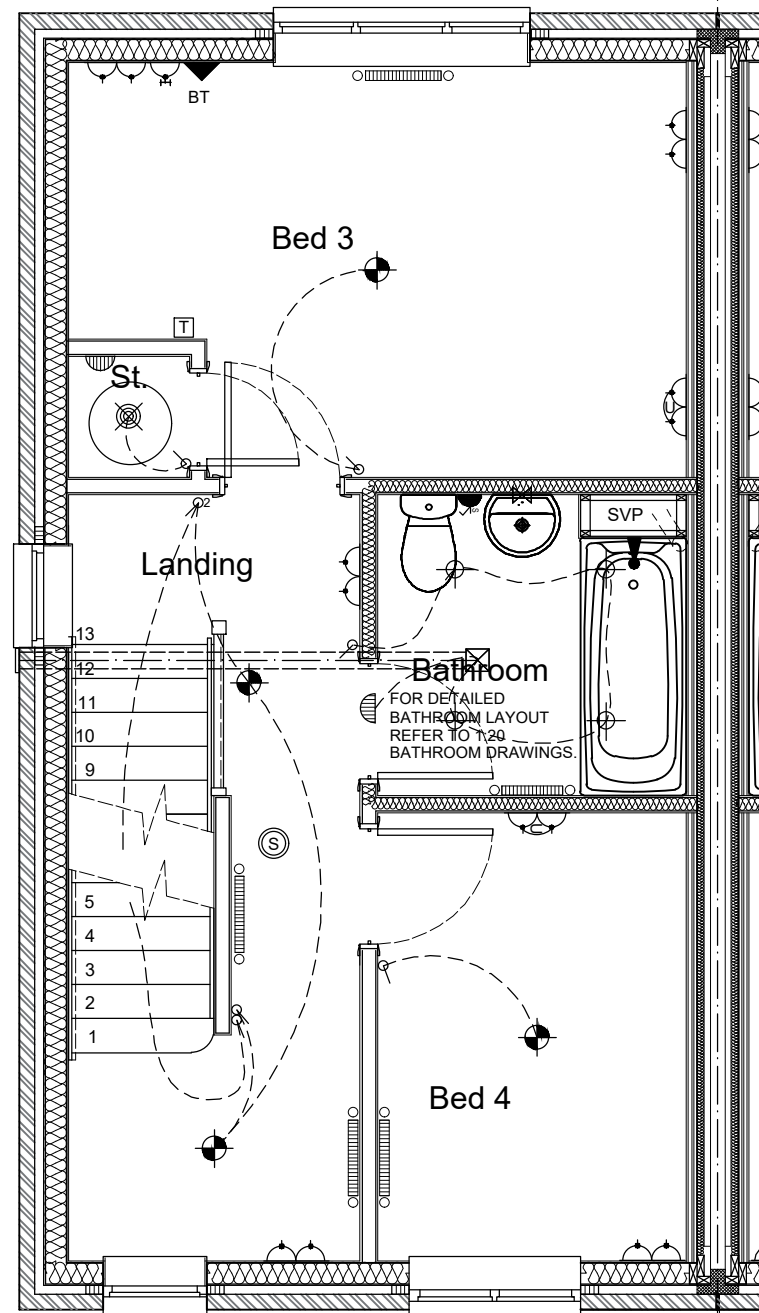
COOKER EXTRACT FAN

CEILING EXTRACT FAN



EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

TV AERIAL NOTE:
OUTLETS CONNECTED TO
CABLES AND CABLE LEFT IN
LOFT SPACE. CABLE CAPABLE
OF DELIVERING BOTH DIGITAL
AND SATELLITE SIGNALS



Trickle vents to windows within Bathrooms,
Ensuites or WC's are not to be fitted in accordance
with A.D Part F

ELECTRICAL KEY

	DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL		ONT OPTICAL NETWORK TERMINAL
	DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL		DATA PLATE; 1 NO. BT SOCKET, 1 NO. CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
	HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL		4 SOCKET COMBINATION PLATE
	SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH		BULKHEAD LIGHT FITTING
	DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH		EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
	FUSED SPUR		MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
	PANEL GRID SWITCHES		LIGHTING BAR WITH 4NO. LED SPOTS
	COOKER CONTROL BOX		RECESSED LE DOWNLIGHTS
	BT TELEPHONE POINT MIN. 450mm FROM FFL		T.V. SOCKET MIN. 450mm FROM FFL
	LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL		CONSUMER UNIT
	2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL		RADIATOR POSITION
	SHAVER POINT		TOWEL RAIL POSITION
	LINKED SMOKE DETECTOR		MAINS OPERATED BELL SOUNDER
	LINKED HEAT DETECTOR		MAINS OPERATED BELL PUSH
	CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.		OUTSIDE TAP
	WIRING		WALL MOUNTED ELECTRIC METER POSITION
	SHOWER HEAD		WALL EXTRACT FAN
			COOKER EXTRACT FAN
			CEILING EXTRACT FAN
			LOW ENERGY PENDANT LIGHT FITTING
			PANIC BUTTON
			THERMOSTAT

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All ventilation to DMEV rates.

EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)	
KITCHEN	13	
BATHROOM	8	
BATHROOM	8	
WC	6	
TOTAL EXTRACTION RATE		35 (l/s)

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
4	x	31
WHOLE BUILDING VENTILATION RATE		37 l/s* PER M ²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
98	x	0.3 L/S PER M ²
WHOLE BUILDING VENTILATION RATE		29.4 l/s* PER M ²

M²
VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 98M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE MINIMUM RATE IS **35 L/S** BASED ON 13+8+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE HIGH RATE IS **37 L/S** BASED ON 4 NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

	SMOKE DETECTOR
	HEAT DETECTOR
	WALL EXTRACT FAN
	COOKER EXTRACT FAN
	CEILING EXTRACT FAN

CONSTRUCTION

Client:



Project:

BRUNSWICK STREET
1044 WOBURN ++

Drawing Title:

WORKING DRAWING
FIRST FLOOR SERVICES - AS

'AS' PLOT NO'S: 5 - SO

Job No:

1016

Drawn:

BL

Checked:

SK

Drawing No:

033

Scale @ A3:

1:50

Rev:

Date:

April 24



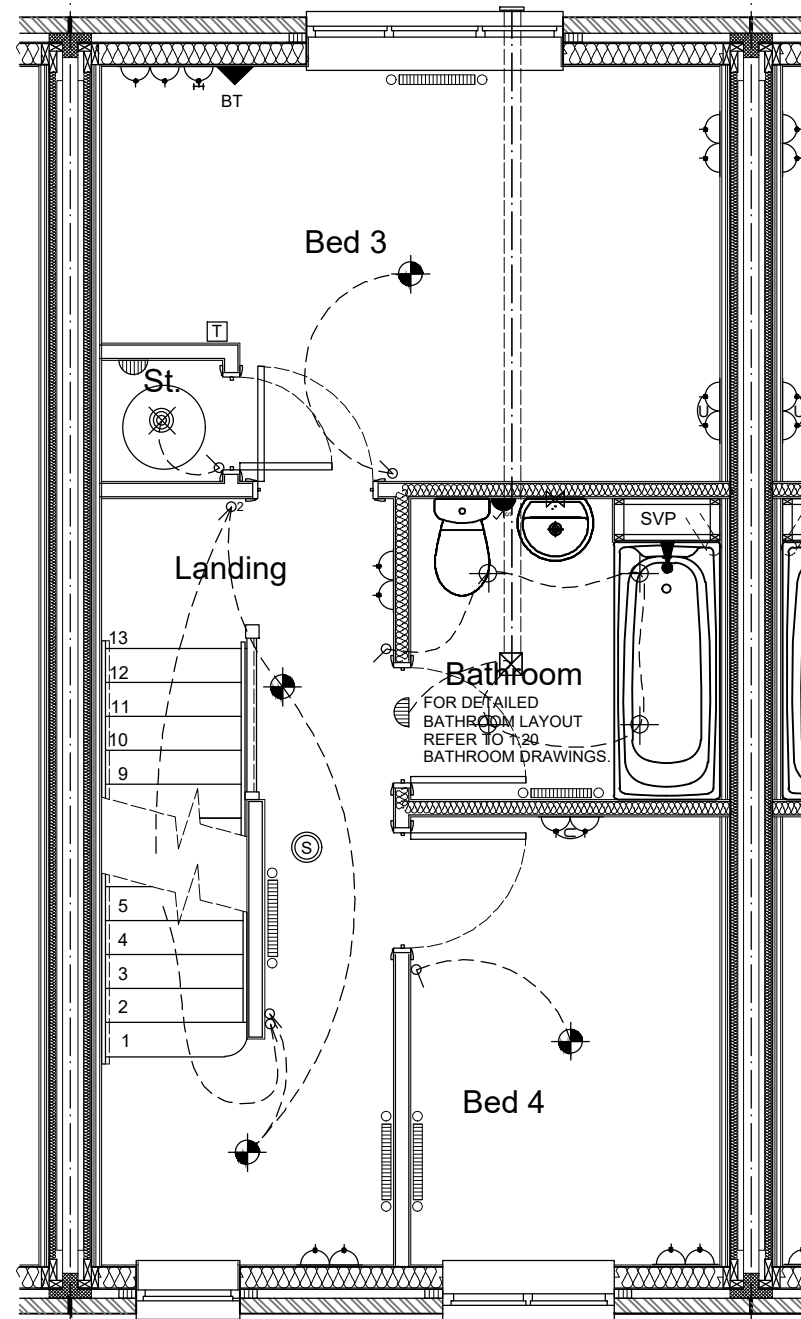
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tel: 01772 774510 fax: 01772 774511 email mck@mckassociates.co.uk

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

TV AERIAL NOTE:
OUTLETS CONNECTED TO
CABLES AND CABLE LEFT IN
LOFT SPACE. CABLE CAPABLE
OF DELIVERING BOTH DIGITAL
AND SATELLITE SIGNALS



Trickle vents to windows within Bathrooms,
Ensuites or WC's are not to be fitted in accordance
with A.D Part F

ELECTRICAL KEY

- | | |
|--|--|
| DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL | ONT OPTICAL NETWORK TERMINAL |
| DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL | DATA PLATE; 1 NO. BT SOCKET, 1 NO. CO-AXIAL, FACILITY TO LINK TO BEDROOM 1 |
| HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL | 4 SOCKET COMBINATION PLATE |
| HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL | BULKHEAD LIGHT FITTING |
| SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH | EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR |
| DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH | MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT |
| FUSED SPUR | LIGHTING BAR WITH 4NO. LED SPOTS |
| PANEL GRID SWITCHES | RECESSED LE DOWNLIGHTS |
| COOKER CONTROL BOX | T.V SOCKET MIN. 450mm FROM FFL |
| BT TELEPHONE POINT MIN. 450mm FROM FFL | CONSUMER UNIT |
| LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL | RADIATOR POSITION |
| 2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL | TOWEL RAIL POSITION |
| SHAVR POINT | MAINS OPERATED BELL SOUNDER |
| LINKED SMOKE DETECTOR | MAINS OPERATED BELL PUSH |
| LINKED HEAT DETECTOR | OUTSIDE TAP |
| CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC. | WALL MOUNTED ELECTRIC METER POSITION |
| WIRING | WALL EXTRACT FAN |
| SHOWER HEAD | COOKER EXTRACT FAN |
| | CEILING EXTRACT FAN |
| | LOW ENERGY PENDANT LIGHT FITTING |
| | PANIC BUTTON |
| | THERMOSTAT |

general notes:
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All ventilation to DMEV rates.

EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
4	x	31
WHOLE BUILDING VENTILATION RATE		37 l/s* PER M ²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
98	x	0.3 L/S PER M ²
WHOLE BUILDING VENTILATION RATE		29.4 l/s* PER M ²

M²

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 98M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE MINIMUM RATE IS 35 L/S BASED ON 13+8+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE HIGH RATE IS 37 L/S BASED ON 4 NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

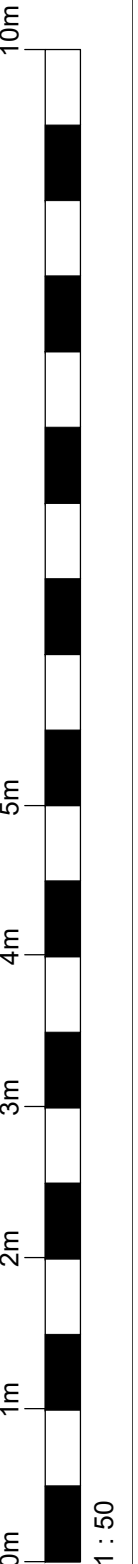
TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

- | | |
|---------------------|----------------|
| (S) | SMOKE DETECTOR |
| (H) | HEAT DETECTOR |
| WALL EXTRACT FAN | |
| COOKER EXTRACT FAN | |
| CEILING EXTRACT FAN | |

CONSTRUCTION



Client:



Project:

BRUNSWICK STREET
1044 WOBURN ++

Drawing Title:

WORKING DRAWING
FIRST FLOOR SERVICES - AS
MID UNIT

'AS' PLOT NO'S: 6 - SO

Job No:

1016

Drawing No:

036

Rev:

.

Drawn:

BL

Checked:

SK

Scale @ A3:

1:50

Date:

April 24



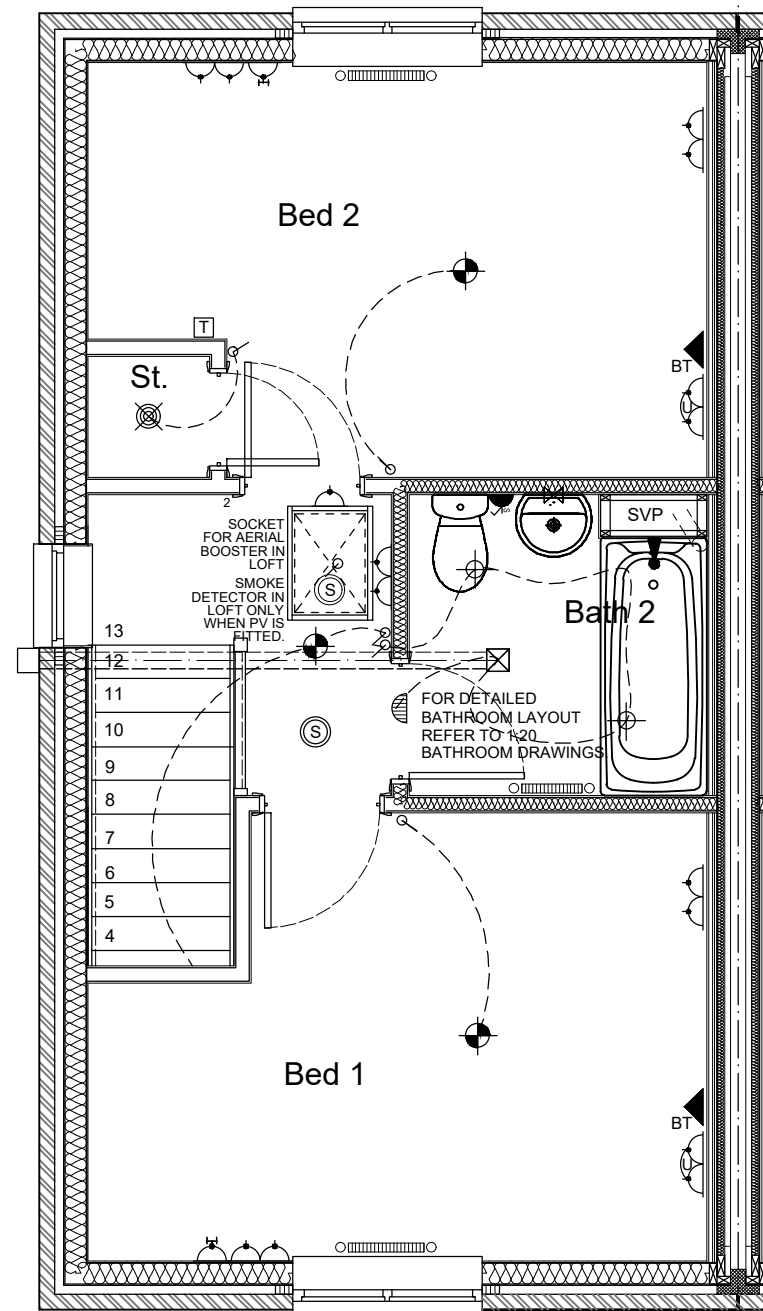
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EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

TV AERIAL NOTE:
OUTLETS CONNECTED TO
CABLES AND CABLE LEFT IN
LOFT SPACE. CABLE CAPABLE
OF DELIVERING BOTH DIGITAL
AND SATELLITE SIGNALS



ELECTRICAL KEY

- | | | | |
|--|---|--|--|
| | DOUBLE SWITCHED SOCKET
MIN. 450mm FROM FFL | | ONT OPTICAL NETWORK TERMINAL |
| | DOUBLE SWITCHED SOCKET WITH USB
MIN. 450mm FROM FFL | | DATA PLATE: 1 NO. BT SOCKET, 1 NO. CO-AXIAL, FACILITY TO LINK TO BEDROOM 1 |
| | HIGH LEVEL SWITCHED SOCKET WITH USB
MAX. 1200mm FROM FFL | | 4 SOCKET COMBINATION PLATE |
| | HIGH LEVEL SWITCHED SOCKET WITH USB
MAX. 1200mm FROM FFL | | BULKHEAD LIGHT FITTING |
| | SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH | | EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR |
| | DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH | | MIN. 330mm DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT |
| | FUSED SPUR | | LIGHTING BAR WITH 4NO. LED SPOTS |
| | PANEL GRID SWITCHES | | RECESSED LED DOWNLIGHTS |
| | COOKER CONTROL BOX | | T.V. SOCKET MIN. 450mm FROM FFL |
| | TELEPHONE POINT MIN. 450mm FROM FFL | | CONSUMER UNIT |
| | LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL | | RADIATOR POSITION |
| | 2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL | | TOWEL RAIL POSITION |
| | SHAVAR POINT | | MAINS OPERATED BELL SOUNDER |
| | LINKED SMOKE DETECTOR | | MAINS OPERATED BELL PUSH |
| | LINKED HEAT DETECTOR | | OUTSIDE TAP |
| | CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC. | | WALL MOUNTED ELECTRIC METER POSITION |
| | WIRING | | WALL EXTRACT FAN |
| | SHOWER HEAD | | COOKER EXTRACT FAN |
| | | | CEILING EXTRACT FAN |
| | | | LOW ENERGY PENDANT LIGHT FITTING |
| | | | PANIC BUTTON |
| | | | THERMOSTAT |

Trickle vents to windows within Bathrooms, Ensuites or WC's are not to be fitted in accordance with A.D Part F

general notes:
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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
4	x	31
WHOLE BUILDING VENTILATION RATE		37 l/s* PER M ²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
98	x	0.3 L/S PER M ²
WHOLE BUILDING VENTILATION RATE		29.4 l/s* PER M ²

M²

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 98M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE MINIMUM RATE IS 35 L/S BASED ON 13+8+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE HIGH RATE IS 37 L/S BASED ON 4 NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

- | | |
|--|---------------------|
| | SMOKE DETECTOR |
| | HEAT DETECTOR |
| | WALL EXTRACT FAN |
| | COOKER EXTRACT FAN |
| | CEILING EXTRACT FAN |

CONSTRUCTION

Client:



Project:

BRUNSWICK STREET
1044 WOBURN ++

Drawing Title:

WORKING DRAWING
SECOND FLOOR SERVICES - AS

'AS' PLOT NO'S: 5 - SO

Job No:

1016

Drawn:
BL

Checked:
SK

Drawing No:

053

Scale @ A3:
1:50

Rev:

Date:
April 24

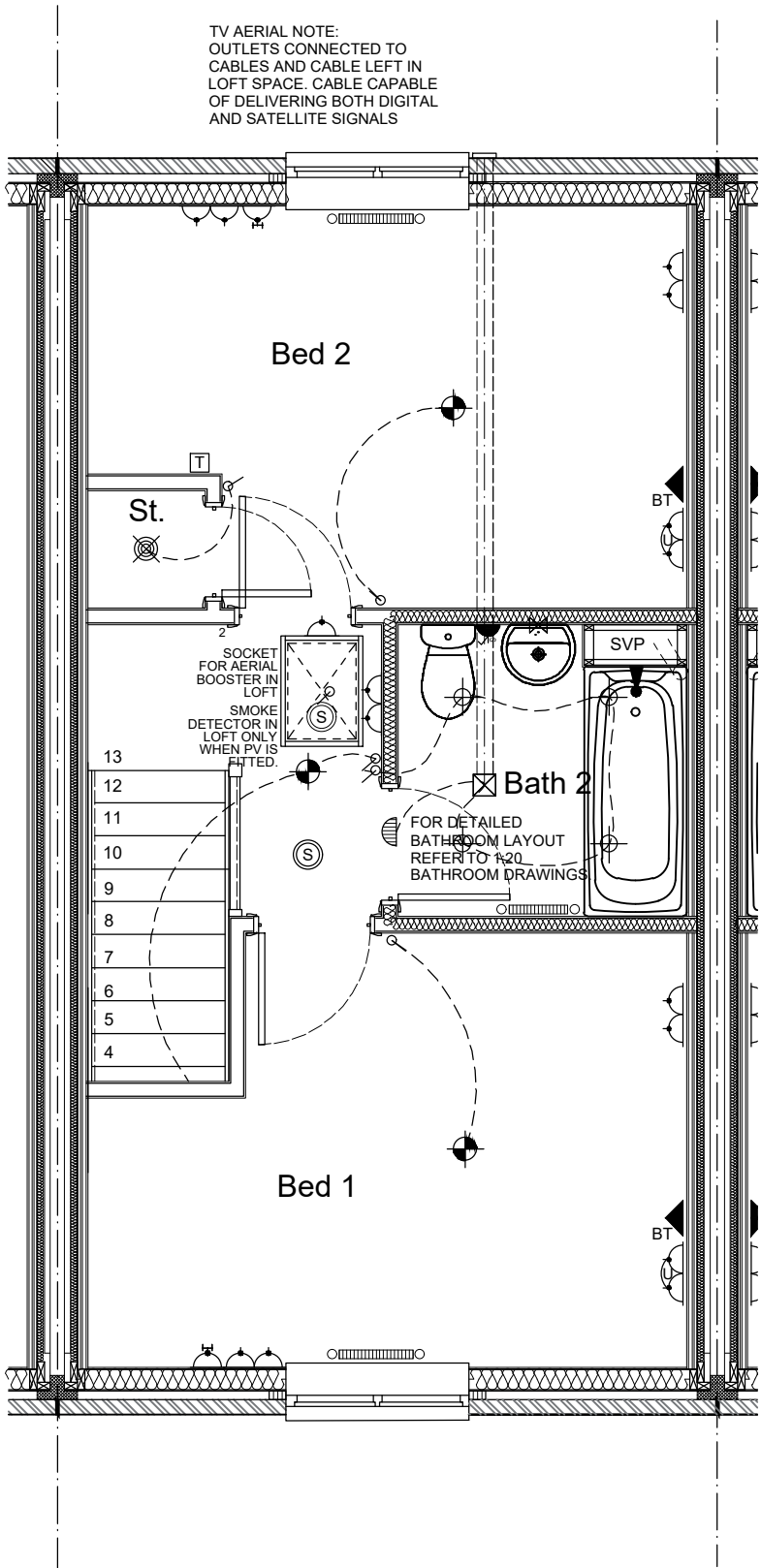


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EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

	DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL		ONT OPTICAL NETWORK TERMINAL
	DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL		DATA PLATE: 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
	HIGH LEVEL SWITCHED SOCKET MAX.1200mm FROM FFL		4 SOCKET COMBINATION PLATE
	HIGH LEVEL SWITCHED SOCKET WITH USB MAX.1200mm FROM FFL		BULKHEAD LIGHT FITTING
	SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH		EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
	DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH		MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
	FUSED SPUR		LIGHTING BAR WITH 4NO. LED SPOTS
	PANEL GRID SWITCHES		RECESSED LE DOWNLIGHTS
	COOKER CONTROL BOX		T.V SOCKET MIN. 450mm FROM FFL
	TELEPHONE POINT MIN. 450mm FROM FFL		CONSUMER UNIT
	LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL		RADIATOR POSITION
	2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL		TOWEL RAIL POSITION
	SHAVER POINT		MAINS OPERATED BELL SOUNDER
	LINKED SMOKE DETECTOR		MAINS OPERATED BELL PUSH
	LINKED HEAT DETECTOR		OUTSIDE TAP
	CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.		WALL MOUNTED ELECTRIC METER POSITION
	WIRING		WALL EXTRACT FAN
	SHOWER HEAD		COOKER EXTRACT FAN
			CEILING EXTRACT FAN
			LOW ENERGY PENDANT LIGHT FITTING
			PANIC BUTTON
			THERMOSTAT

Trickle vents to windows within Bathrooms, Ensuites or WC's are not to be fitted in accordance with A.D Part F

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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
BATHROOM	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
4	x	31
WHOLE BUILDING VENTILATION RATE		37 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
98	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		29.4 l/s* PER M²

M²
VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 98M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE MINIMUM RATE IS **35 L/S** BASED ON 13+8+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE HIGH RATE IS **37 L/S** BASED ON 4 NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

- SMOKE DETECTOR
- HEAT DETECTOR
-
-
-

CONSTRUCTION



Project:
BRUNSWICK STREET
1044 WOBURN ++

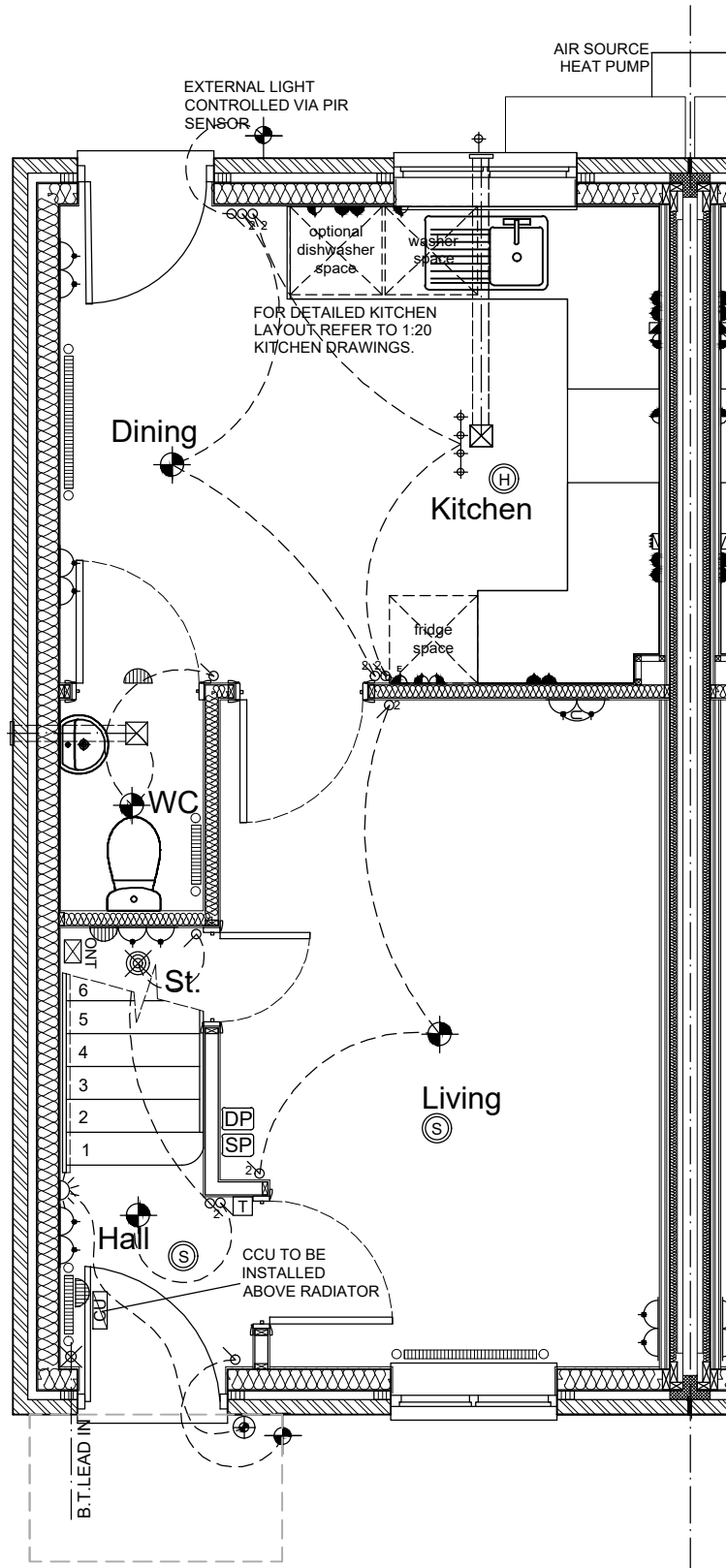
Drawing Title:
WORKING DRAWING
SECOND FLOOR SERVICES - AS
MID UNIT

'AS' PLOT NO'S: 6 - SO

REV	DATE	BY	DESCRIPTION
Job No:	1016	Drawing No:	057
Drawn: BL	Checked: SK	Scale @ A3: 1:50	Date: April 24

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tel: 01772 774510 fax: 01772 774511 email mck@mckassociates.co.uk

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

DOUBLE SWITCHED SOCKET
MIN. 450mm FROM FFL

DOUBLE SWITCHED SOCKET WITH USB
MIN. 450mm FROM FFL

HIGH LEVEL SWITCHED SOCKET MAX.1200mm FROM FFL

HIGH LEVEL SWITCHED SOCKET WITH USB
MAX.1200mm FROM FFL

SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

FUSED SPUR

PANEL GRID SWITCHES

COOKER CONTROL BOX

TELEPHONE POINT MIN. 450mm FROM FFL

LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL

2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL

SHAVER POINT

LINKED SMOKE DETECTOR

LINKED HEAT DETECTOR

CAR CHARGE POINT
OPTIONAL REFER TO SITE SPEC.

WIRING

SHOWER HEAD

OPTICAL NETWORK TERMINAL

DATA PLATE: 1 NO. BT SOCKET, 1 NO CO-AXIAL FACILITY TO LINK TO BEDROOM 1

4 SOCKET COMBINATION PLATE

BULKHEAD LIGHT FITTING

EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR

MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT

LIGHTING BAR WITH 4NO. LED SPOTS

RECESSED LE DOWNLIGHTS

T.V SOCKET MIN. 450mm FROM FFL

CONSUMER UNIT

RADIATOR POSITION

TOWEL RAIL POSITION

MAINS OPERATED BELL SOUNDER

MAINS OPERATED BELL PUSH

OUTSIDE TAP

WALL MOUNTED ELECTRIC METER POSITION

WALL EXTRACT FAN

COOKER EXTRACT FAN

CEILING EXTRACT FAN

LOW ENERGY PENDANT LIGHT FITTING

PANIC BUTTON

THERMOSTAT

EV NOTE
REFER TO EVCP SITE PLAN LAYOUT FOR REQUIREMENT/POSITION OF ELECTRIC VEHICLE CHARGING POINT UNITS ON SPECIFIC PLOTS.

EVCP UNIT OR COVER PLATE
INSTALLED TO HEIGHT AS SPECIFIED IN BUILDING REGULATIONS.

Trickle vents to windows within Bathrooms, Ensuites or WC's are not to be fitted in accordance with A.D Part F

general notes:
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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
ENSUITE	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
3	x	31
WHOLE BUILDING VENTILATION RATE		31 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
88	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		26 l/s* PER M²

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 88M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE HIGH RATE IS 35 L/S BASED ON 13+8+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE MINIMUM RATE IS 31 L/S BASED ON 3NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

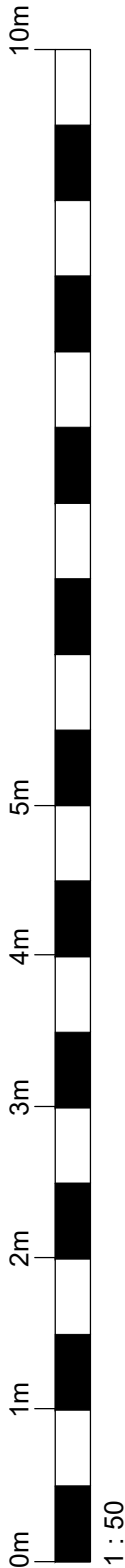
SMOKE DETECTOR

HEAT DETECTOR

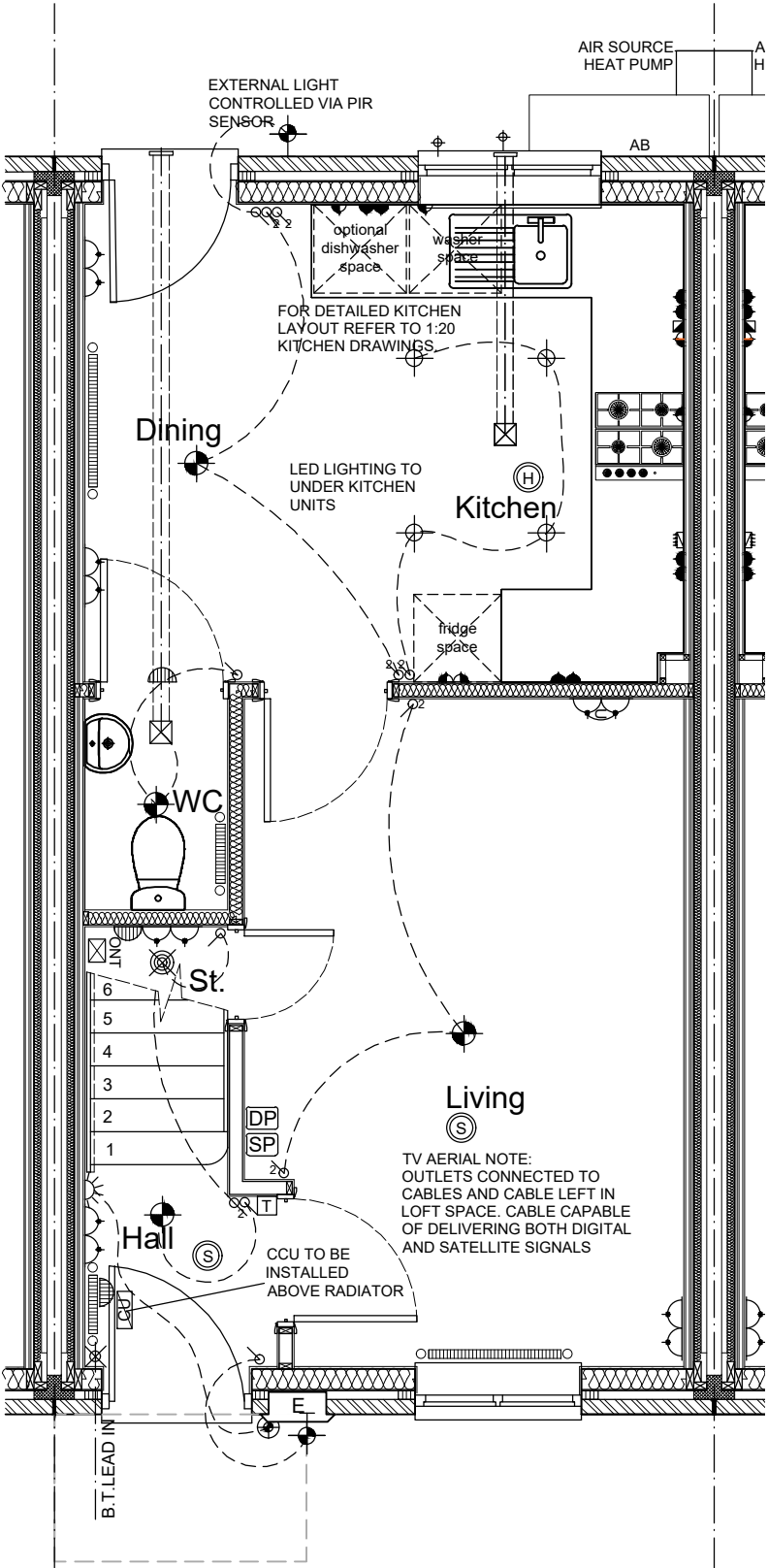
WALL EXTRACT FAN

COOKER EXTRACT FAN

CEILING EXTRACT FAN



EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL

DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL

HIGH LEVEL SWITCHED SOCKET MAX. 1200mm FROM FFL

HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL

SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH

FUSED SPUR

PANEL GRID SWITCHES

COOKER CONTROL BOX

BT TELEPHONE POINT MIN. 450mm FROM FFL

LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL

2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL

SHAVER POINT

LINKED SMOKE DETECTOR

LINKED HEAT DETECTOR

CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC.

WIRING

SHOWER HEAD

ONT OPTICAL NETWORK TERMINAL

DP DATA PLATE: 1 NO. BT SOCKET, 1 NO. CO-AXIAL FACILITY TO LINK TO BEDROOM 1

SP 4 SOCKET COMBINATION PLATE

BULKHEAD LIGHT FITTING

EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR

MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT

LIGHTING BAR WITH 4NO. LED SPOTS

RECESSED LE DOWNLIGHTS

T.V. SOCKET MIN. 450mm FROM FFL

CONSUMER UNIT

RADIATOR POSITION

TOWEL RAIL POSITION

MAINS OPERATED BELL SOUNDER

MAINS OPERATED BELL PUSH

OUTSIDE TAP

WALL MOUNTED ELECTRIC METER POSITION

WALL EXTRACT FAN

COOKER EXTRACT FAN

CEILING EXTRACT FAN

LOW ENERGY PENDANT LIGHT FITTING

PANIC BUTTON

THERMOSTAT

EV NOTE

REFER TO EVCP SITE PLAN LAYOUT FOR REQUIREMENT/POSITION OF ELECTRIC VEHICLE CHARGING POINT UNITS ON SPECIFIC PLOTS.

EVCP UNIT OR COVER PLATE INSTALLED TO HEIGHT AS SPECIFIED IN BUILDING REGULATIONS.

Trickle vents to windows within Bathrooms, Ensuites or WC's are not to be fitted in accordance with A.D Part F

general notes:
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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
ENSUITE	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
3	x	31
WHOLE BUILDING VENTILATION RATE		31 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
88	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		26 l/s* PER M²

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 88M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE HIGH RATE IS 35 L/S BASED ON 13+8+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE MINIMUM RATE IS 31 L/S BASED ON 3NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

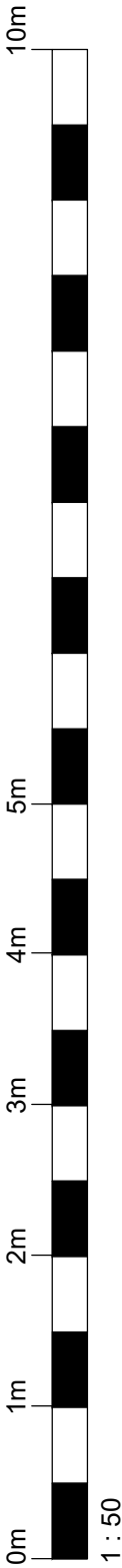
S SMOKE DETECTOR

H HEAT DETECTOR

WALL EXTRACT FAN

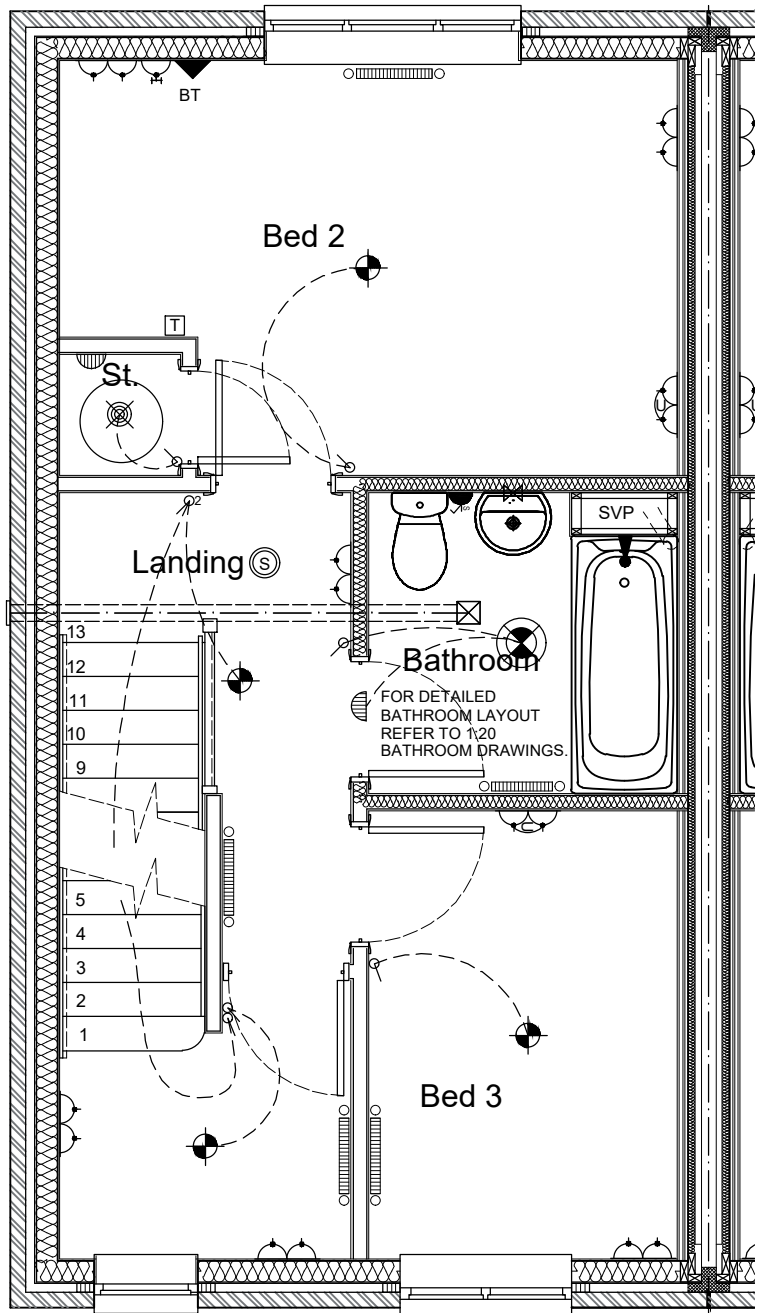
COOKER EXTRACT FAN

CEILING EXTRACT FAN



EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

general notes:
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Trickle vents to windows within Bathrooms,
Ensuites or WC's are not to be fitted in accordance
with A.D Part F

ELECTRICAL KEY

- DOUBLE SWITCHED SOCKET
MIN. 450mm FROM FFL
- DOUBLE SWITCHED SOCKET WITH USB
MIN. 450mm FROM FFL
- HIGH LEVEL SWITCHED SOCKET WITH USB
MAX. 1200mm FROM FFL
- HIGH LEVEL SWITCHED SOCKET WITH USB
MAX. 1200mm FROM FFL
- SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
- DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
- FUSED SPUR
- PANEL GRID SWITCHES
- COOKER CONTROL BOX
- BT TELEPHONE POINT MIN. 450mm FROM FFL
- LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL
- 2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL
- SHAVER POINT
- LINKED SMOKE DETECTOR
- LINKED HEAT DETECTOR
- CAR CHARGE POINT
OPTIONAL REFER TO SITE SPEC.
- WIRING
- SHOWER HEAD
- ONT OPTICAL NETWORK TERMINAL
- DATA PLATE; 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
- 4 SOCKET COMBINATION PLATE
- BULKHEAD LIGHT FITTING
- EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
- MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
- LIGHTING BAR WITH 4NO. LED SPOTS
- RECESSED LE DOWNLIGHTS
- T.V. SOCKET MIN. 450mm FROM FFL
- CONSUMER UNIT
- RADIATOR POSITION
- TOWEL RAIL POSITION
- MAINS OPERATED BELL SOUNDER
- MAINS OPERATED BELL PUSH
- OUTSIDE TAP
- WALL MOUNTED ELECTRIC METER POSITION
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN
- LOW ENERGY PENDANT LIGHT FITTING
- PANIC BUTTON
- THERMOSTAT

All ventilation to DMEV rates.

EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
ENSUITE	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
3	x	31
WHOLE BUILDING VENTILATION RATE		31 l/s* PER M²

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
88	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		26 l/s* PER M²

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 88M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE HIGH RATE IS 35 L/S BASED ON 13+8+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE MINIMUM RATE IS 31 L/S BASED ON 3NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

- SMOKE DETECTOR
- HEAT DETECTOR
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN

A	30/08/24	BL	TOWEL RAIL REMOVED AND REPLACED WITH RADIATOR TO BATHROOM
REV	DATE	BY	DESCRIPTION

Client:



Project:

BRUNSWICK STREET
1002 WOBURN+

Drawing Title:

WORKING DRAWING
FIRST FLOOR SERVICES - AS

'AS' PLOT NO'S 9 - AR

Job No:

1016

Drawn:

BL

Checked:

SK

Drawing No:

033.1

Scale @ A3:

1:50

Rev:

A

Date:

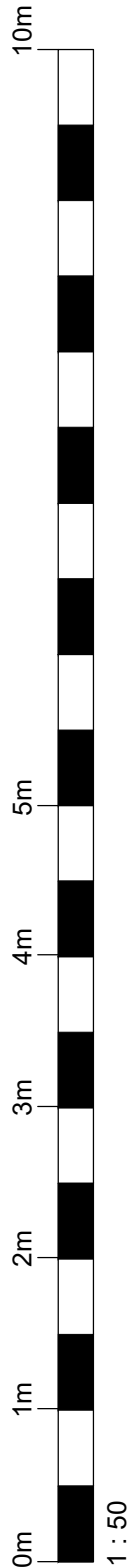
April 24



associates limited

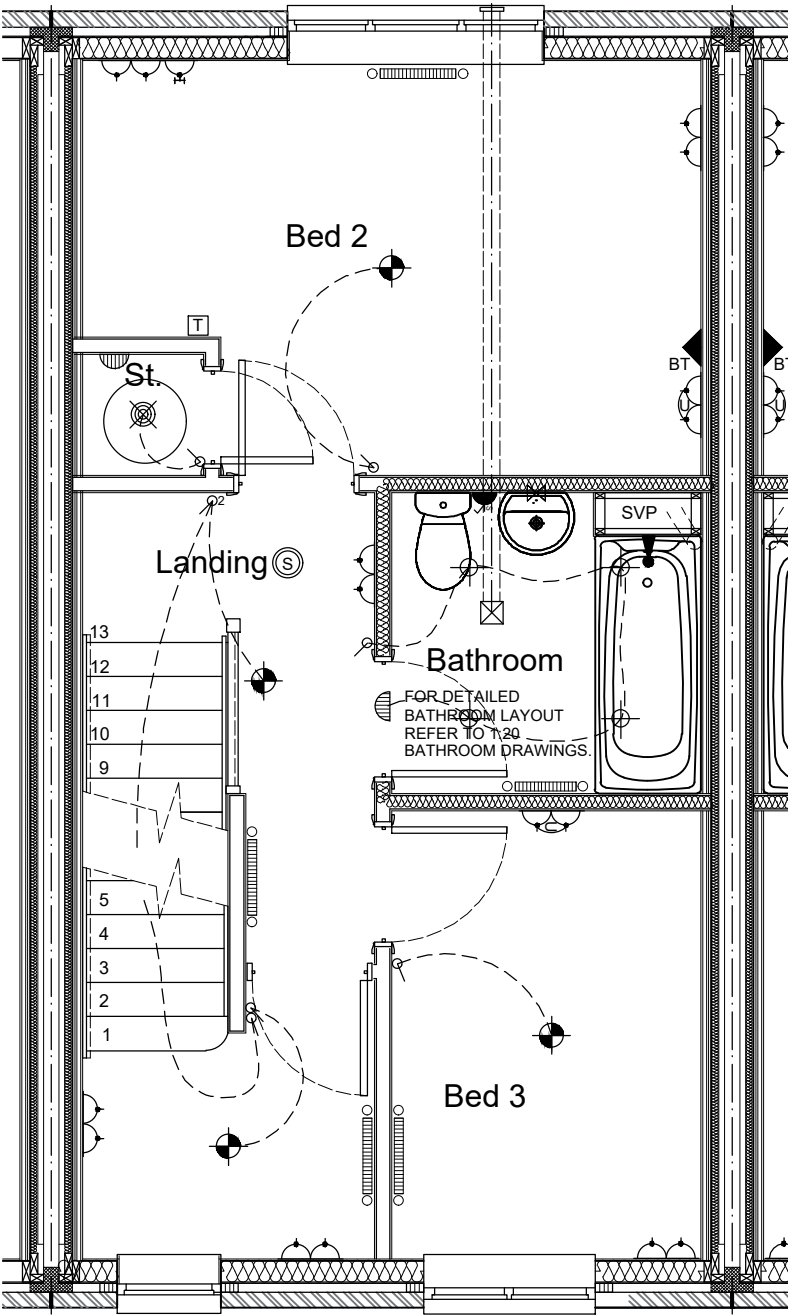
architecture | building surveying | urban design

burnaby villa ■ 48 watling street road ■ fulwood ■ preston ■ pr2 8bp
tel: 01772 774510 fax: 01772 774511 email mck@mckassociates.co.uk



EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.

TV AERIAL NOTE:
OUTLETS CONNECTED TO
CABLES AND CABLE LEFT IN
LOFT SPACE. CABLE CAPABLE
OF DELIVERING BOTH DIGITAL
AND SATELLITE SIGNALS



Trickle vents to windows within Bathrooms,
Ensuites or WC's are not to be fitted in accordance
with A.D Part F

ELECTRICAL KEY

- | | |
|--|---|
| DOUBLE SWITCHED SOCKET MIN. 450mm FROM FFL | ONT OPTICAL NETWORK TERMINAL |
| DOUBLE SWITCHED SOCKET WITH USB MIN. 450mm FROM FFL | DP DATA PLATE; 1 NO. BT SOCKET, 1 NO. CO-AXIAL, FACILITY TO LINK TO BEDROOM 1 |
| HIGH LEVEL SWITCHED SOCKET MAX. 1200mm FROM FFL | SP 4 SOCKET COMBINATION PLATE |
| HIGH LEVEL SWITCHED SOCKET WITH USB MAX. 1200mm FROM FFL | BULKHEAD LIGHT FITTING |
| SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH | EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR |
| DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH | MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT |
| FUSED SPUR | LIGHTING BAR WITH 4NO. LED SPOTS |
| PANEL GRID SWITCHES | RECESSED LE DOWNLIGHTS |
| COOKER CONTROL BOX | T.V. SOCKET MIN. 450mm FROM FFL |
| BT TELEPHONE POINT MIN. 450mm FROM FFL | CONSUMER UNIT |
| LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL | RADIATOR POSITION |
| 2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL | TOWEL RAIL POSITION |
| SHAVR POINT | MAINS OPERATED BELL SOUNDER |
| LINKED SMOKE DETECTOR | MAINS OPERATED BELL PUSH |
| LINKED HEAT DETECTOR | OUTSIDE TAP |
| CAR CHARGE POINT OPTIONAL REFER TO SITE SPEC. | WALL MOUNTED ELECTRIC METER POSITION |
| WIRING | WALL EXTRACT FAN |
| SHOWER HEAD | COOKER EXTRACT FAN |
| | CEILING EXTRACT FAN |
| | LOW ENERGY PENDANT LIGHT FITTING |
| | PANIC BUTTON |
| | THERMOSTAT |

general notes:
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All ventilation to DMEV rates.

EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
ENSUITE	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
3	x	31
WHOLE BUILDING VENTILATION RATE		
31 l/s* PER M²		

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
88	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		
26 l/s* PER M²		

VENTILATION NOTE:
THE TOTAL DWELLING FLOOR AREA IS 88M². THE MINIMUM EXTRACT VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.2 MINIMUM EXTRACT VENTILATION RATES FOR CONTINUOUS EXTRACT SYSTEMS) THE HIGH RATE IS 35 L/S BASED ON 13+8+8+6 WHICH AS STIPULATED IS TO BE PROVIDED BY CONTINUOUS MECHANICAL EXTRACT. THE MINIMUM WHOLE DWELLING VENTILATION RATE IN ACCORDANCE WITH APPROVED DOCUMENT PART F1(1) (TABLE 1.3 MINIMUM WHOLE DWELLING VENTILATION RATES DETERMINED BY THE NUMBER OF BEDROOMS) THE MINIMUM RATE IS 31 L/S BASED ON 3NO. BEDROOMS. THE SUM OF ALL EXTRACT VENTILATION IN THE DWELLING ON ITS CONTINUOUS RATE SHOULD BE AT LEAST THE WHOLE DWELLINGS VENTILATION RATE. BACKGROUND VENTILATORS TO PROVIDE A MINIMUM EQUIVALENT AREA OF 4000MM² FOR EACH HABITABLE ROOM IN THE DWELLING, EXCEPT 'WET ROOMS' FROM WHICH AIR IS EXTRACTED. PROVIDE A MINIMUM TOTAL NUMBER OF VENTILATORS THAT IS THE SAME AS THE NUMBER OF BEDROOMS PLUS TWO VENTILATORS.

TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

- | | |
|---------------------|----------------|
| (S) | SMOKE DETECTOR |
| (H) | HEAT DETECTOR |
| WALL EXTRACT FAN | |
| COOKER EXTRACT FAN | |
| CEILING EXTRACT FAN | |

A 30/08/24 BL TOWEL RAIL REMOVED AND REPLACED WITH RADIATOR TO BATHROOM

REV DATE BY DESCRIPTION

Job No:	1016	Drawing No:	036	Rev:	A
Drawn:	BL	Checked:	SK	Scale @ A3:	1:50
				Date:	April 24



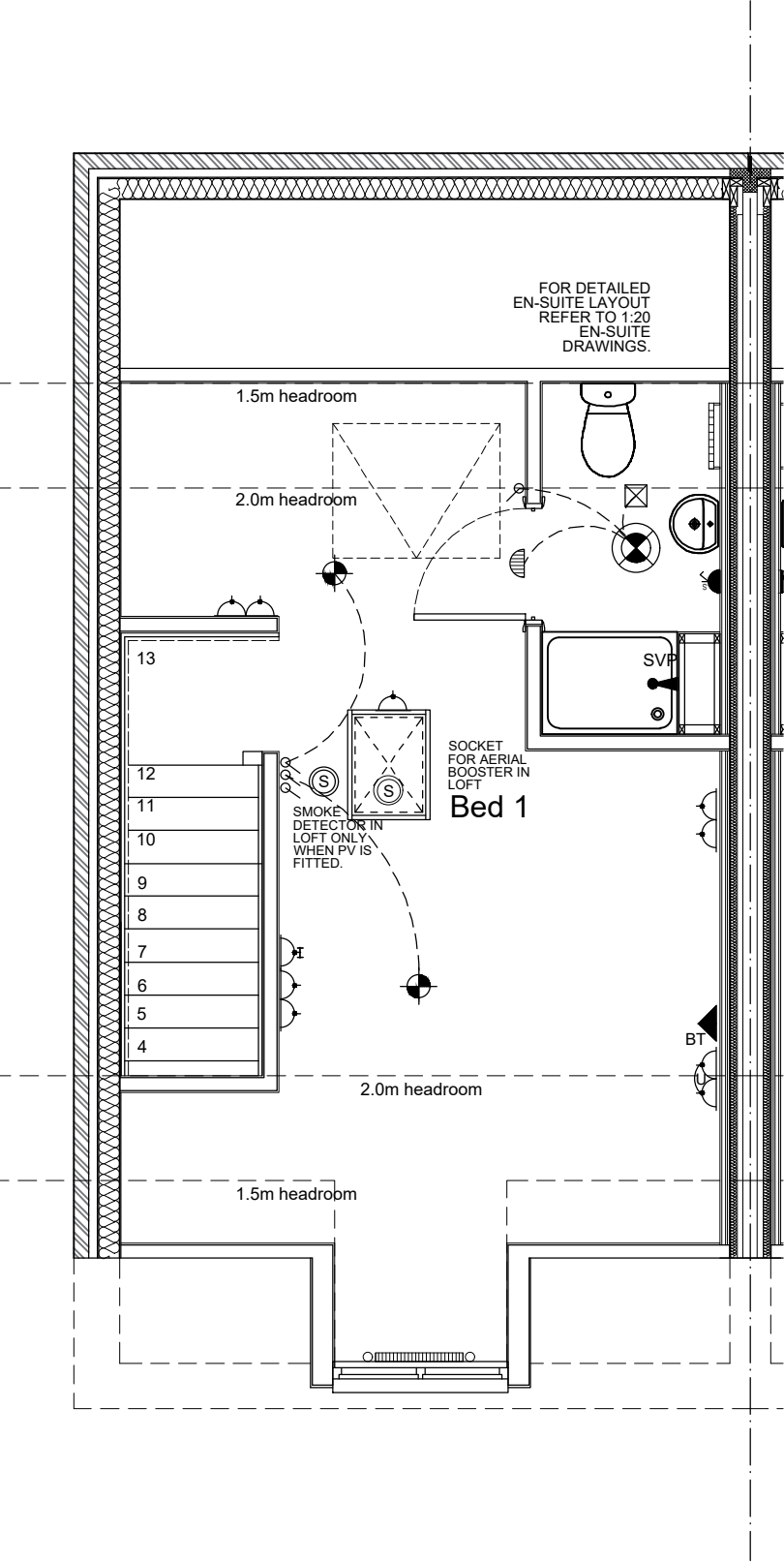
Client:
Project:
BRUNSWICK STREET
1002 WOBURN+

Drawing Title:
WORKING DRAWING
FIRST FLOOR SERVICES - AS
MID UNIT

'AS' PLOT NO'S: 2 & 10 - SO

CONSTRUCTION
mck associates limited
architecture | building surveying | urban design
burnaby villa ■ 48 watling street road ■ fulwood ■ preston ■ pr2 8bp
tel: 01772 774510 fax: 01772 774511 email mck@mckassociates.co.uk

EXTERNAL ELEVATION MATERIAL
BRICK
Weinerberger Woodland Mixture
REF. Materials Plan.



ELECTRICAL KEY

- DOUBLE SWITCHED SOCKET
MIN. 450mm FROM FFL
- DOUBLE SWITCHED SOCKET WITH USB
MIN. 450mm FROM FFL
- HIGH LEVEL SWITCHED SOCKET MAX.1200mm FROM FFL
- HIGH LEVEL SWITCHED SOCKET WITH USB
MAX.1200mm FROM FFL
- SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
- DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH
- FUSED SPUR
- PANEL GRID SWITCHES
- COOKER CONTROL BOX
- TELEPHONE POINT MIN. 450mm FROM FFL
- LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL
- 2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL
- SHAVER POINT
- LINKED SMOKE DETECTOR
- LINKED HEAT DETECTOR
- CAR CHARGE POINT
OPTIONAL REFER TO SITE SPEC.
- WIRING
- SHOWER HEAD
- ONT
OPTICAL NETWORK TERMINAL
- DATA PLATE: 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1
- 4 SOCKET COMBINATION PLATE
- BULKHEAD LIGHT FITTING
- EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR
- MIN. 330MM DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT
- LIGHTING BAR WITH 4NO. LED SPOTS
- RECESSED LE DOWNLIGHTS
- T.V SOCKET MIN. 450mm FROM FFL
- CONSUMER UNIT
- RADIATOR POSITION
- TOWEL RAIL POSITION
- MAINS OPERATED BELL SOUNDER
- MAINS OPERATED BELL PUSH
- OUTSIDE TAP
- WALL MOUNTED ELECTRIC METER POSITION
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN
- LOW ENERGY PENDANT LIGHT FITTING
- PANIC BUTTON
- THERMOSTAT

Trickle vents to windows within Bathrooms, Ensuites or WC's are not to be fitted in accordance with A.D Part F

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EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
ENSUITE	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
3	x	31
WHOLE BUILDING VENTILATION RATE		
31 l/s* PER M²		

WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
88	x	0.3 L/S PER M²
WHOLE BUILDING VENTILATION RATE		
26 l/s* PER M²		

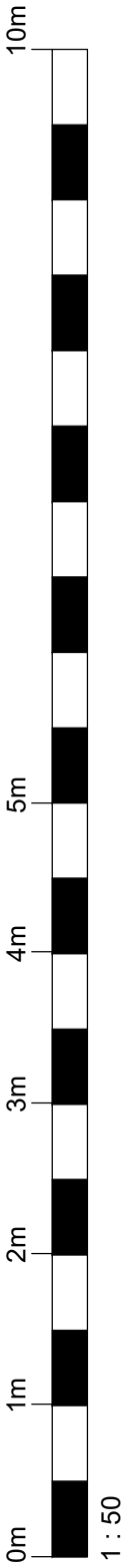
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TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

- SMOKE DETECTOR
- HEAT DETECTOR
- WALL EXTRACT FAN
- COOKER EXTRACT FAN
- CEILING EXTRACT FAN



CONSTRUCTION

Weinerberger Woodland Mixture
REF. Materials Plan.

EXTRACT VENTILATION RATES:

ROOM	MIN HIGH RATE (L/S)
KITCHEN	13
BATHROOM	8
ENSUITE	8
WC	6
TOTAL EXTRACTION RATE	
35 (l/s)	

WHOLE DWELLING VENTILATION RATE

NO. OF BEDROOMS	x	VENTILATION RATE MIN
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WHOLE DWELLING VENTILATION RATE

FLOOR AREA	x	VENTILATION RATE MIN
88	x	0.3 L/S PER M ²
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TRICKLE VENTS TO WINDOWS WITHIN BATHROOMS, ENSUITES OR WC'S ARE NOT TO BE FITTED IN ACCORDANCE WITH A.D PART F

ALL VENTILATION TO DMEV RATES.

GENERAL KEY

-  SMOKE DETECTOR
 HEAT DETECTOR
 WALL EXTRACT FAN
 COOKER EXTRACT FAN
 CEILING EXTRACT FAN



- | | | | |
|---|--|---|---|
|  | DOUBLE SWITCHED SOCKET
MIN. 450mm FROM FFL |  | ONT
OPTICAL NETWORK TERMINAL |
|  | DOUBLE SWITCHED SOCKET WITH USB
MIN. 450mm FROM FFL |  | DP
DATA PLATE: 1 NO. BT SOCKET, 1 NO CO-AXIAL, FACILITY TO LINK TO BEDROOM 1 |
|  | HIGH LEVEL SWITCHED SOCKET MAX.1200mm FROM FFL |  | SP
4 SOCKET COMBINATION PLATE |
|  | HIGH LEVEL SWITCHED SOCKET WITH USB
MAX.1200mm FROM FFL |  | BULKHEAD LIGHT FITTING |
|  | SINGLE LOW LEVEL SOCKET LINKED TO GRID SWITCH |  | EXTERNAL LIGHT CONTROLLED VIA PIR SENSOR |
|  | DOUBLE LOW LEVEL SOCKET LINKED TO GRID SWITCH |  | MIN. 330mm DIA. OPAL DIFFUSER MULTIPLE LED CEILING LIGHT |
|  | FUSED SPUR |  | LIGHTING BAR WITH 4NO. LED SPOTS |
|  | PANEL GRID SWITCHES |  | RECESSED LE DOWNLIGHTS |
|  | COOKER CONTROL BOX |  | T.V SOCKET MIN. 450mm FROM FFL |
|  | TELEPHONE POINT MIN. 450mm FROM FFL |  | CONSUMER UNIT |
|  | LIGHT SWITCH MAX. 1200mm ABOVE FLOOR LEVEL |  | RADIATOR POSITION |
|  | 2 WAY LIGHT SWITCH MAX. 1200mm FROM FFL |  | TOWEL RAIL POSITION |
|  | SHAVER POINT |  | MAINS OPERATED BELL SOUNDER |
|  | LINKED SMOKE DETECTOR |  | MAINS OPERATED BELL PUSH |
|  | LINKED HEAT DETECTOR |  | OUTSIDE TAP |
|  | CAR CHARGE POINT
OPTIONAL REFER TO SITE SPEC. |  | WALL MOUNTED ELECTRIC METER POSITION |
|  | WIRING |  | WALL EXTRACT FAN |
|  | SHOWER HEAD |  | COOKER EXTRACT FAN |
| | |  | CEILING EXTRACT FAN |
| | |  | LOW ENERGY PENDANT LIGHT FITTING |
| | |  | PANIC BUTTON |
| | |  | THERMOSTAT |

Trickle vents to windows within Bathrooms, Ensuites or WC's are not to be fitted in accordance with A.D Part F

REV	DATE	BY	DESCRIPTION
-----	------	----	-------------

CONSTRUCTION

Project:

BRUNSWICK STREET
1002 WOBURN+

WORKING DRAWING
SECOND FLOOR SERVICES - AS
MID UNIT - SO

'AS' PLOT NO'S: 2 & 10 - SO

Job No:	1016
---------	------

Drawing No:	057
-------------	-----

Rev:

Drawn:
BL

Checked:	SK
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Scale @ A3:
1:50

Date: April 24



associates limited

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burnaby villa ■ 48 watling street road ■ fulwood ■ preston ■ pr2 8bp
tel: 01772 774510 fax: 01772 774511 email mck@mckassociates.co.uk