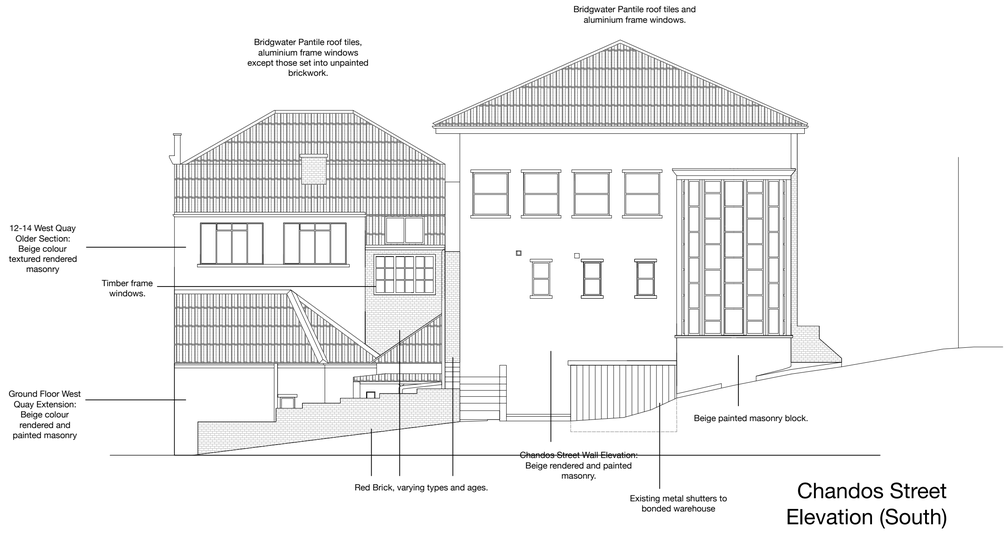
A1 | 1:100

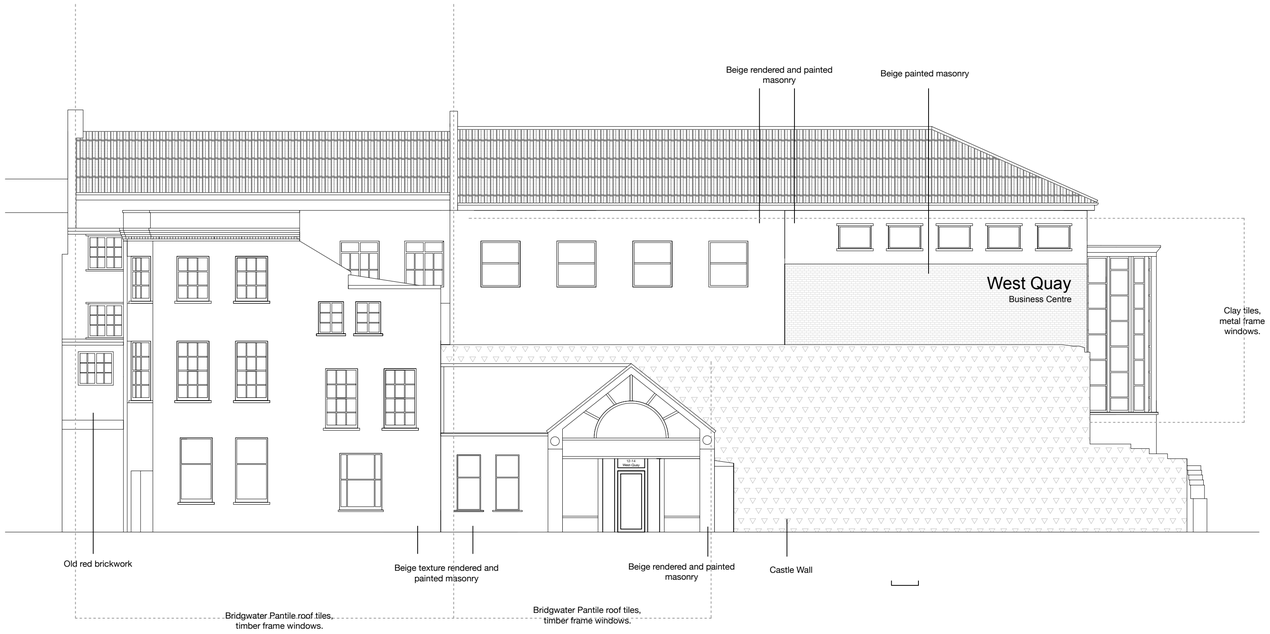
SCALE

0 2 4 6 8 10 12

Bond Street Elevation (West)



Chandos Street Elevation (South)



West Quay Elevation (East)

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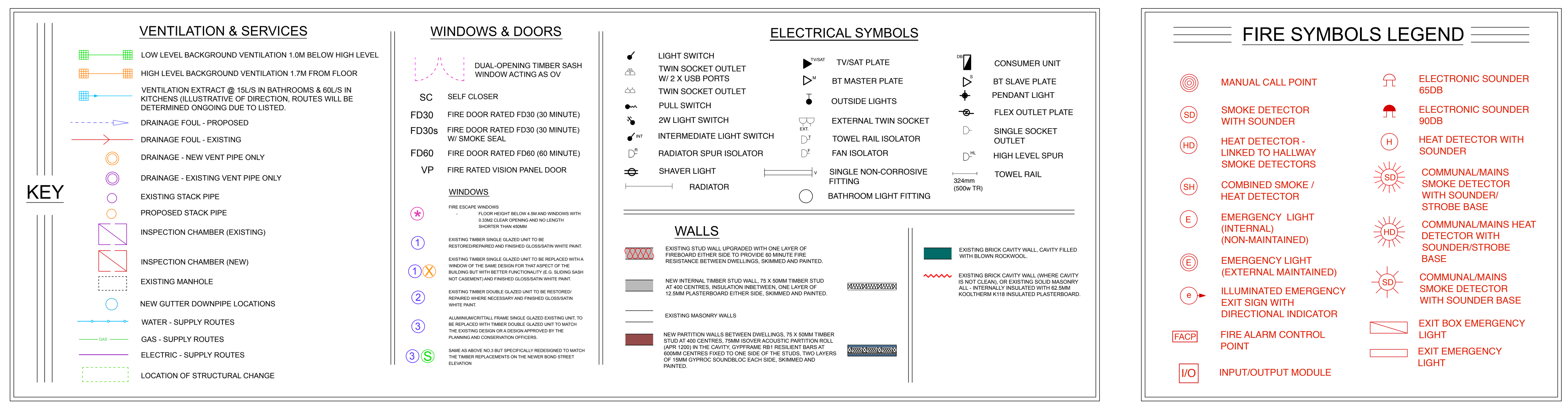
Project:	Scale: 1:100 @ A1	Revisions:
	Date: January 2016	
	DWG No. 062015/02	
	Author: James Kinnear	
Drawing: Existing Elevations	Client:	

A1 1:100

Property Schedule:

Unit 1 - 70.3m2	Unit 5 - 75.6m2	Unit 9 - 67.5m2
Unit 2 - 76.6m2	Unit 6 - 66.4m2	Unit 10 - 64.5m2
Unit 3 - 56.7m2	Unit 7 - 82m2	Unit 11 - 28.4m2
Unit 4 - 90.2m2	Unit 8 - 72.8m2	Unit 12 - 29.5m2

SCALE 0 2 4 6 8 10 12



Project:	Wessex House 12 – 14 West Quay Bridgwater Somerset TA6 3HW
Drawing:	Proposed Floor Plans

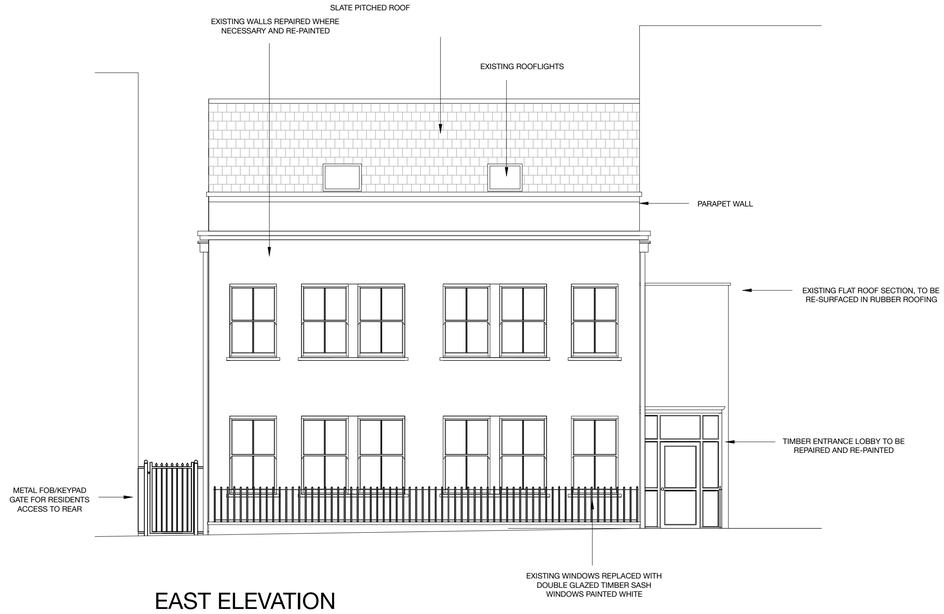
Scale:	1:100 @ A1 / 1:200 @ A3
Date:	June 2015
DWG No.	062015/05X1
Author:	James Kinnear
Client:	Energy Drop Zone Ltd

Revisions:
A - 18/07/16 - Dimensions added, slight internal layout changes to units and unit 10 overhaul. Changed dimensions to units 3, 9, 10, 11 & 12 to as-build dimensions and modifications.
B - 21/07/16 - Some bathroom layouts changed to suit stack locations, added electrical layouts, changed fire alarm layouts, further as-built and design-stage minor layout changes, unit 3 KLD layout reversed for drainage.
C - 24/11/16 - Added 4 x en-suites to units 4, 5, 9 and 10. Changed office area to gym including structural changes and the use of space in the bonded warehouse.
D - 01/12/16 - Additional en-suites added and layouts amended.
E - 15/06/17 - Gym fire alarm system added and minor BReg amendments as per email discussions.

Whilst the greatest of care has been taken to ensure the accuracy of these dimensions, please be aware that they may vary on-site.

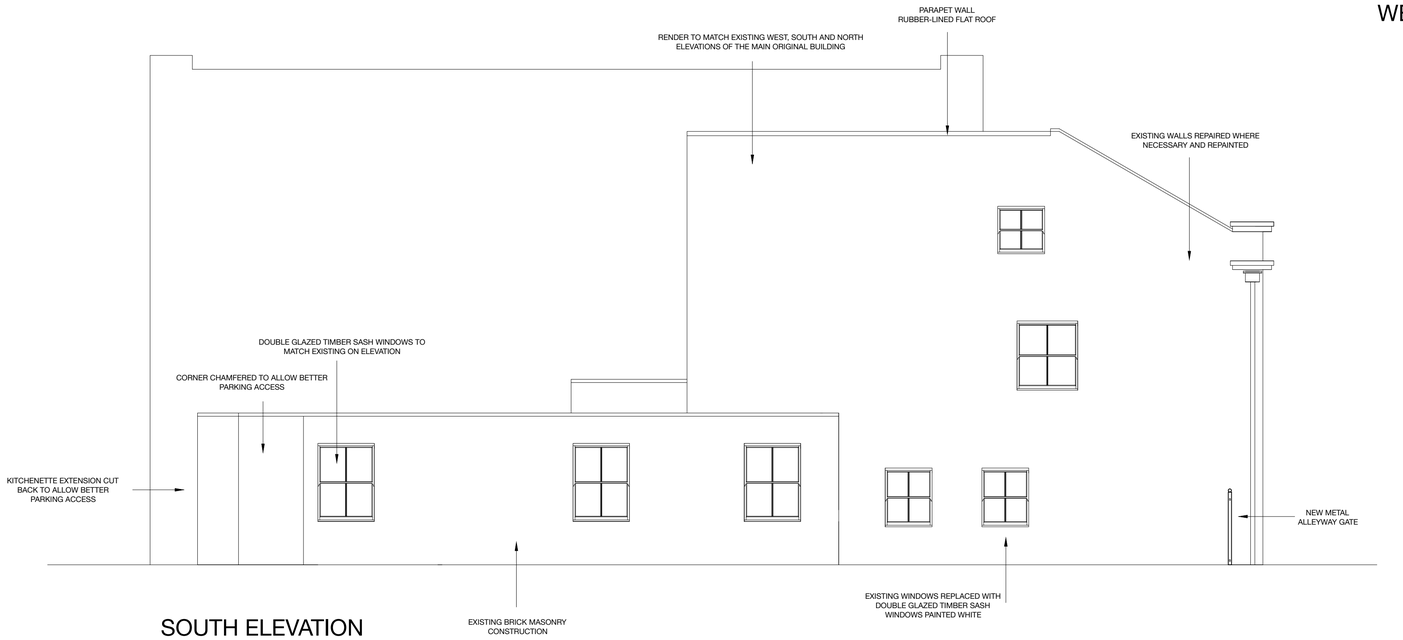
A2 | 1:100

0 5 10

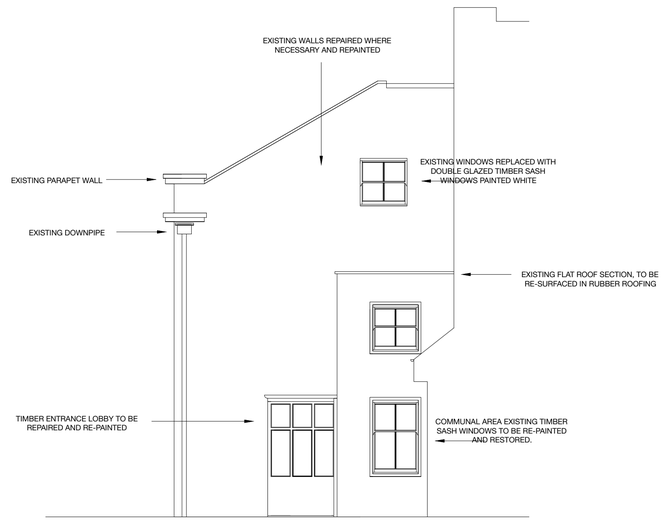


EAST ELEVATION

WEST ELEVATION



SOUTH ELEVATION



NORTH ELEVATION

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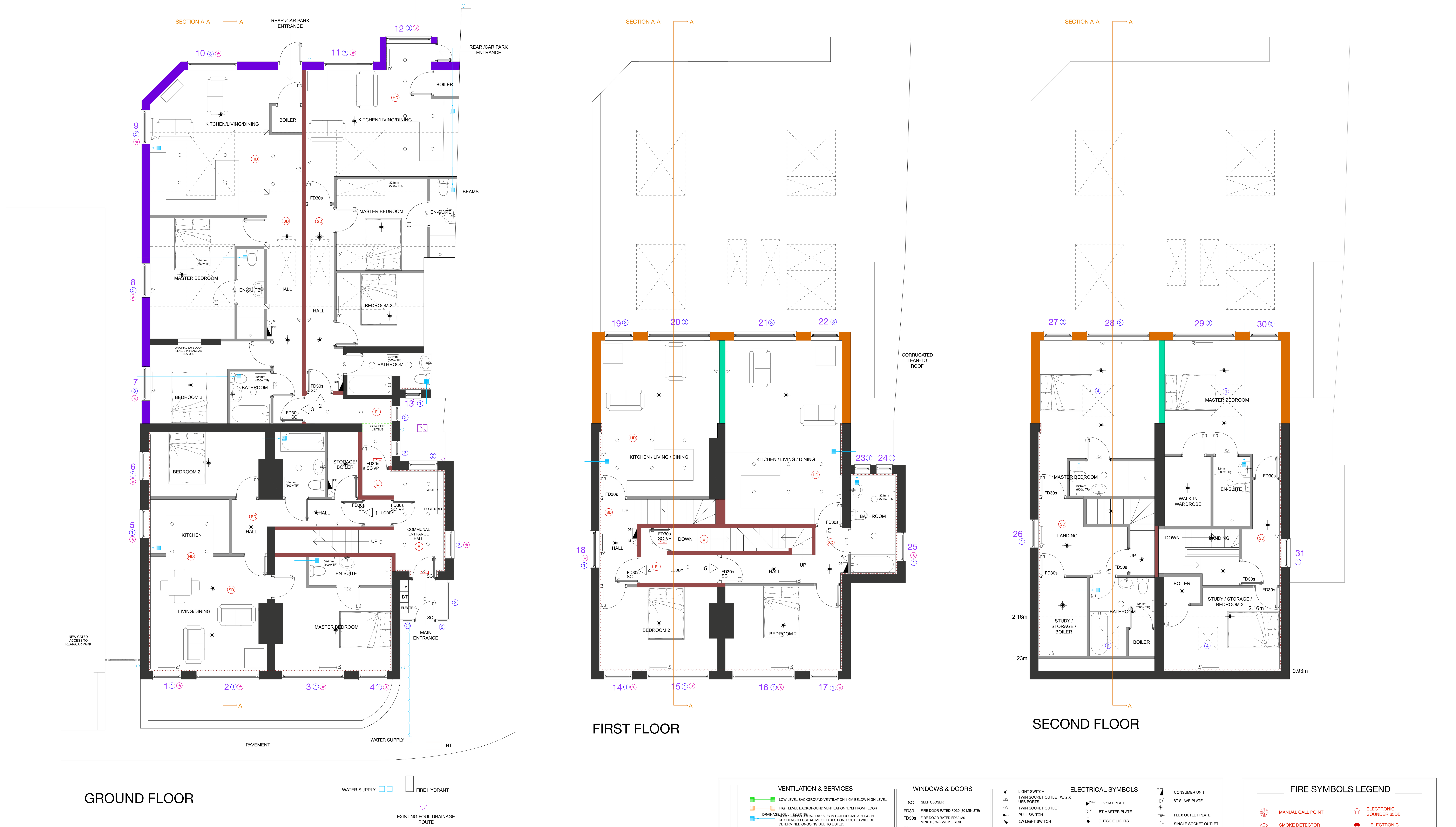
Project:	Scale:	1:100 @ A2	Revisions:
	Date:	October 2016	
	DWG No.	102016/E2	
	Author:	James Kinnear	
Drawing: Proposed Elevations	Client:		

A2 | 1:100

Whilst the greatest of care has been taken to ensure the accuracy of these dimensions, please be aware that they may vary on-site.

0 5 10



KEY

VENTILATION & SERVICES

- LOW LEVEL BACKGROUND VENTILATION 1.0M BELOW HIGH LEVEL
- HIGH LEVEL BACKGROUND VENTILATION 1.7M FROM FLOOR
- VENTILATION EXTRACT @ 15L/S IN BATHROOMS & 60L/S IN KITCHENS (ILLUSTRATIVE OF DIRECTION, ROUTES WILL BE DETERMINED ONGOING DUE TO LISTED.
- DRAINAGE FOUL - EXISTING
- DRAINAGE - EXISTING VENT PIPE ONLY
- EXISTING STACK PIPE
- PROPOSED STACK PIPE
- INSPECTION CHAMBER (EXISTING)
- EXISTING MANHOLE
- INSPECTION CHAMBER (NEW)
- NEW GUTTER DOWNPIPE LOCATIONS
- WATER - SUPPLY ROUTES
- GAS - SUPPLY ROUTES
- ELECTRIC - SUPPLY ROUTES
- LOCATION OF STRUCTURAL CHANGE

WINDOWS & DOORS

SC	SELF CLOSER
FD30	FIRE DOOR RATED FD30 (30 MINUTE)
FD30s	FIRE DOOR RATED FD30 (30 MINUTE) W/ SMOKE SEAL
FD60	FIRE DOOR RATED FD60 (60 MINUTE)
VP	FIRE RATED VISION PANEL DOOR

WINDOWS

- FIRE ESCAPE WINDOWS
  - FLOOR HEIGHT BELOW 4.5M AND WINDOWS WITH 0.33M2 CLEAR OPENING AND NO LENGTH SHORTER THAN 450MM
- 1 EXISTING TIMBER SINGLE GLAZED SASH WINDOW TO BE REPLACED WITH NEW TIMBER DOUBLE GLAZED UNIT
- 2 EXISTING TIMBER SINGLE GLAZED WINDOW TO BE RESTORED AND RETAINED.
- 3 NEW DOUBLE GLAZED TIMBER SASH UNIT TO MATCH AESTHETIC OF REPLACEMENTS/EXISTING
- 4 VELUX ROOFLIGHT OR SIMILAR

ELECTRICAL SYMBOLS

- LIGHT SWITCH
- TWIN SOCKET OUTLET W/ 2 X USB PORTS
- TWIN SOCKET OUTLET
- PULL SWITCH
- 2W LIGHT SWITCH
- INTERMEDIATE LIGHT SWITCH
- RADIATOR SPUR ISOLATOR
- SHAVER LIGHT
- RADIATOR
- TV/SAT PLATE
- BT MASTER PLATE
- OUTSIDE LIGHTS
- TOWEL RAIL ISOLATOR
- FAN ISOLATOR
- SINGLE NON-CORROSIVE FITTING
- BATHROOM LIGHT FITTING
- CONSUMER UNIT
- BT SLAVE PLATE
- FLEX OUTLET PLATE
- SINGLE SOCKET OUTLET
- HIGH LEVEL SPUR
- TOWEL RAIL (324mm (500w TR))
- PENDANT LIGHT
- SPOTLIGHT

WALLS

- EXISTING MASONRY WALL
- EXISTING MASONRY WALL UPGRADED INTERNALLY WITH 62.5MM CELOTEX PL4000 COMPOSITE INSULATED PLASTERBOARD, FILLED AROUND EDGES WITH EXPANDING FOAM, SKIMMED AND PAINTED. (UNLESS CAVITY HAS BEEN FILLED WITH INSULATION PREVIOUSLY WHEN SURVEYED)
- EXISTING CAVITY MASONRY WALL WITH CAVITY FILLED WITH KNAUF SUPAFIL 34 CAVITY WALL INSULATION OR SIMILAR FOLLOWING A CAVITY SURVEY TO ENSURE THE CAVITY IS CLEAN. IF NOT THEN INTERNAL INSULATION USING THE SAME TECHNIQUE AS ABOVE WITH THE PL4000.
- INTERNAL TIMBER STUD WALL, EITHER EXISTING 100-125MM TIMBER STUD OR 75 X 50MM NEW TIMBER STUD AT 400 CENTRES, 50MM FIBREGLASS INSULATION BETWEEN, ONE LAYER OF 12.5MM PLASTERBOARD EITHER SIDE, SKIMMED AND PAINTED.
- TIMBER STUD PARTITION WALLS BETWEEN DWELLINGS, EITHER EXISTING 125MM TIMBER STUD AT 400 CENTRES OR NEW MIN. 75MM TIMBER STUD AT 400 CENTRES, FILLED WITH 75MM ISOVER ACOUSTIC PARTITION ROLL (APR 1200) IN THE CAVITY, GYPFRAME RB1 RESILIENT BARS AT 600MM CENTRES FIXED TO ONE SIDE OF THE STUDS, TWO LAYERS OF 15MM GYPROC SOUNDBLOC EACH SIDE, SKIMMED AND PAINTED.
- NEW EXTERNAL TIMBER FRAME WALL. (EXTERNAL TO INTERNAL) - RENDER ON MAGNESIUM BOARD, FIXED TO 25X38MM VERTICAL TREATED TIMBER BATTENS, TYVEK LAYER, 11MM OSB SHEATHING, 140MM CLS TIMBER STUD WITH 120MM CELOTEX RIGID INSULATION BETWEEN, 1000 GUAGE VAPOUR BARRIER, 12.5MM PLASTERBOARD SKIMMED OR DRYLINED.
- NEW LOAD-BEARING TIMBER STUD PARTITION WALLS BETWEEN DWELLINGS, 140MM CLS TIMBER STUD AT 400 CENTRES, FILLED WITH MIN. 75MM ISOVER ACOUSTIC PARTITION ROLL (APR 1200) IN THE CAVITY, GYPFRAME RB1 RESILIENT BARS AT 600MM CENTRES FIXED TO ONE SIDE OF THE STUDS, TWO LAYERS OF 15MM GYPROC SOUNDBLOC EACH SIDE, SKIMMED AND PAINTED.

FIRE SYMBOLS LEGEND

- MANUAL CALL POINT
- SMOKE DETECTOR WITH SOUNDER
- HEAT DETECTOR - LINKED TO HALLWAY SMOKE DETECTORS
- COMBINED SMOKE / HEAT DETECTOR
- EMERGENCY LIGHT (INTERNAL) (NON-MAINTAINED)
- EMERGENCY LIGHT (EXTERNAL MAINTAINED)
- ILLUMINATED EMERGENCY EXIT SIGN WITH DIRECTIONAL INDICATOR
- FIRE ALARM CONTROL POINT
- INPUT/OUTPUT MODULE
- ELECTRONIC SOUNDER 65DB
- ELECTRONIC SOUNDER 90DB
- HEAT DETECTOR WITH SOUNDER
- COMMUNAL/MAINS SMOKE DETECTOR WITH SOUNDER/ STROBE BASE
- COMMUNAL/MAINS HEAT DETECTOR WITH SOUNDER/STROBE BASE
- COMMUNAL/MAINS SMOKE DETECTOR WITH SOUNDER BASE
- EXIT BOX EMERGENCY LIGHT
- EXIT EMERGENCY LIGHT

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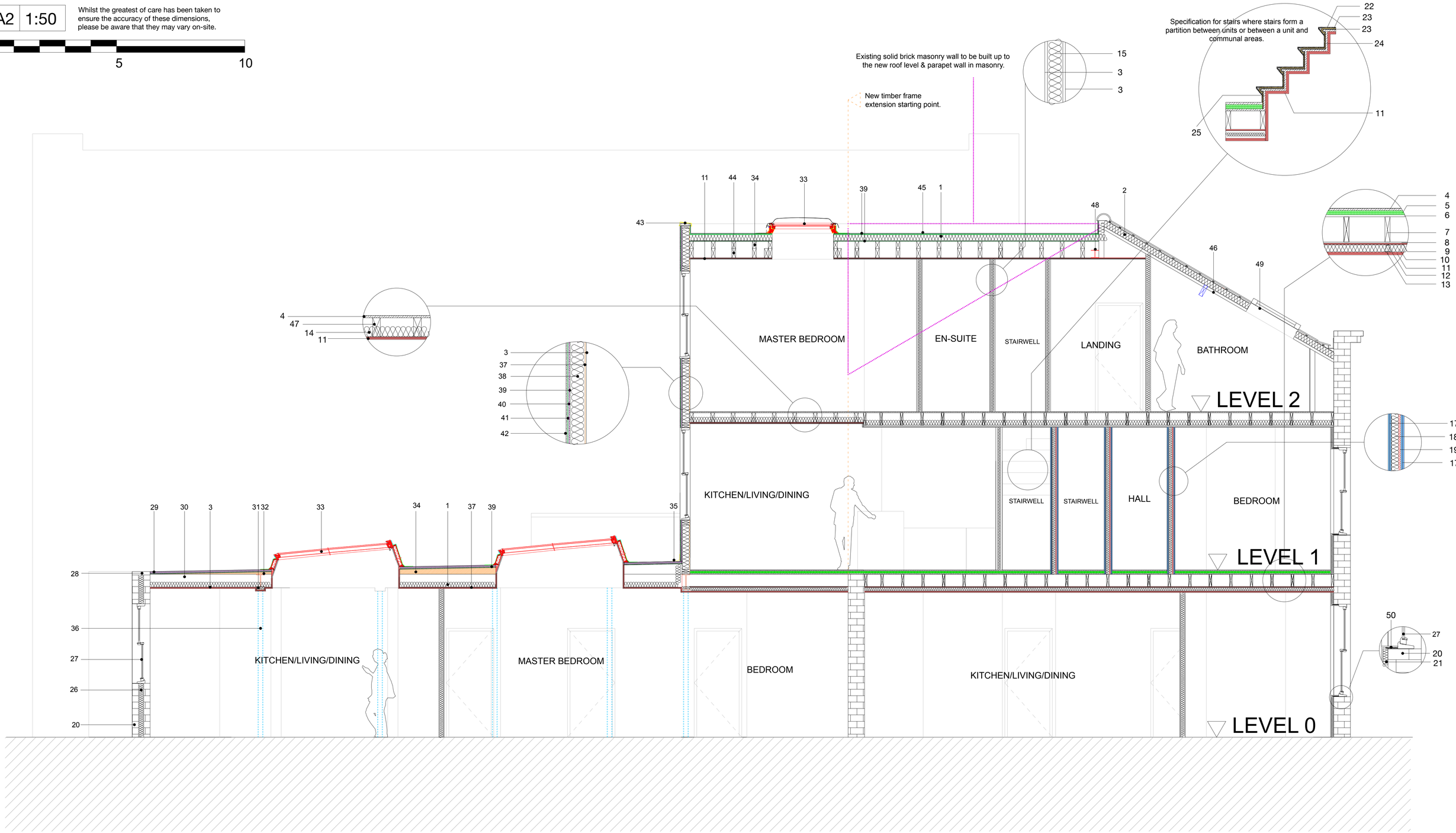
Project:		Revisions:
	Scale: 1:100 @ A2	
	Date: October 2016	
	DWG No. 102016/P2	
	Author: James Kinnear	
Drawing: Proposed Floorplans	Client:	

A2 | 1:50

Whilst the greatest of care has been taken to ensure the accuracy of these dimensions, please be aware that they may vary on-site.

0 5 10



Materials Key:

1. 100mm existing rigid PIR insulation
2. Existing timber roof truss rafters, breather membrane, battens and slate tiles.
3. Existing 12.5mm plasterboard, skimmed and painted.
4. 22mm T&G chipboard flooring.
5. Instacoustic floating floor system or similar.
6. Existing floorboards.
7. Existing 220x50-70mm solid timber floor joists (estimated by floor thickness).
8. Existing lathe and plaster ceiling.
9. 12.5mm Gyproc Fireline board.
10. IN10 acoustic insulation.
11. 2 x layers of 12.5mm Gyproc Fireline.
12. Isolation washer.
13. Adjustable acoustic hangar.
14. 100mm Rockwool insulation or similar.
15. 50mm fibreglass or rockwool insulation between 75mm timber stud at 400 centres.
16. 50mm fibreglass or rockwool insulation between existing 125x50mm timber stud or new timber stud min 75x50mm.
17. 2 layers of 15mm Gyproc Soundbloc.
18. 75mm Isover APR 1200 acoustic insulation between existing 125mm timber stud.
19. Gypframe RB1 resilient bar at 600 centres.
20. Existing brick masonry cavity wall.
21. Celotex PL4000 composite insulation board or similar system at 62.5mm thickness. (unless cavity has been filled with insulation previously, in which case not added).
22. Preformed tread and nosing fitted with counter sunk screws and acoustic sealant at specific intervals (see Building Regulation notes for details.)
23. InstaCoustic Sound Barrier with grooved section round nosing.
24. Existing timber stairs.
25. Countersunk head screws.
26. Cavity fill blown insulation to suitable specification following cavity survey.
27. Double glazed timber frame sash window.
28. Existing masonry cavity closer.
29. Existing heavy duty fibreglass roof covering, repaired where necessary.
30. Existing 240x75mm timber joists.
31. 300x152mm Existing steel I beam
32. Existing imber supports connecting steel beams to joists.
33. Rooflights to client's specification and installed to manufacturer's detailing.
34. Timber fillets 250-0mm
35. Upstand/flashing between roof and new timber frame wall.
36. Existing 152x152mm steel columns.
37. Vapour control layer
38. 140x47mm CLS timber stud at 400 centres as per structural engineer's calculations/design, with min. 120mm Celotex rigid PIR insulation or similar between studs.
39. 11mm OSB sheathing.
40. Breather membrane.
41. 25x38mm vertical treated timber battens.
42. Cement board and render.
43. Parapet flashing.
44. 180x50mm solid timber flat roof joists.
45. EPDM roofing system installed as per manufacturer's details.
46. 300mm fibreglass quilt or other suitable insulation to achieve max. 0.16W/m2K
47. New 185x75mm solid timber floor joists.
48. RSJ as per structural engineer's calculations and design to support proposed timber frame extension where necessary and remaining pitched roof trusses.
49. Existing double glazed openable rooflight.
50. Window reveals insulated with Celotex PL4000 composite board or equivalent system with 25mm thickness, unless existing timber window sills and frames to be retained.

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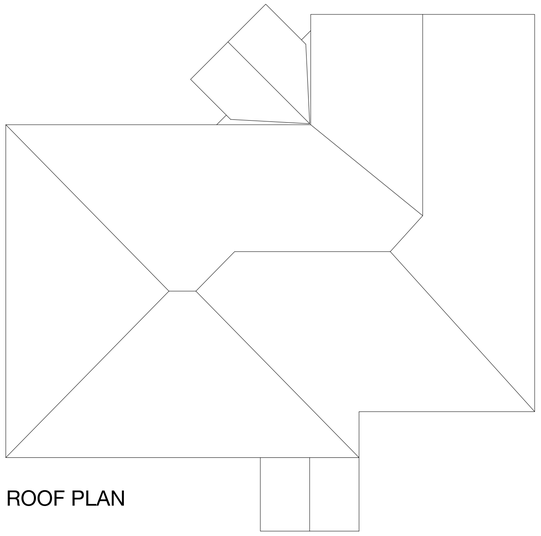
Project:	Scale: 1:50 @ A2	Revisions:
	Date: November 2016	
	DWG No. 102016/S3	
Drawing: Proposed Section	Author: James Kinnear	
	Client:	

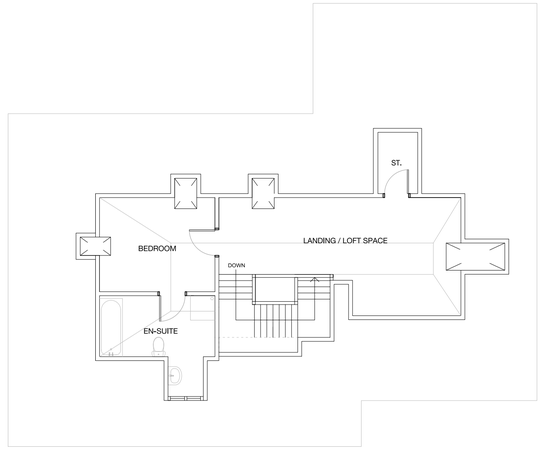
A1	1:100	A3	1:200

0 5 10 15 20

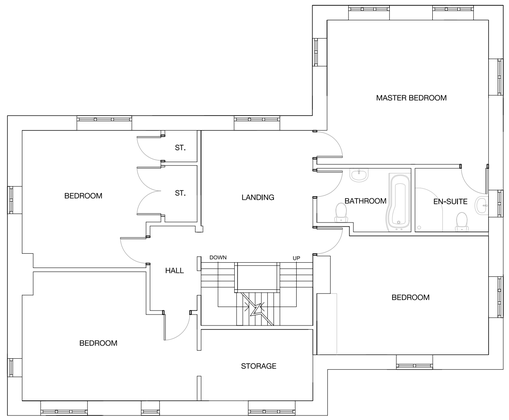
Whilst the greatest of care has been taken to ensure the accuracy of these dimensions, please be aware that they may vary on-site.



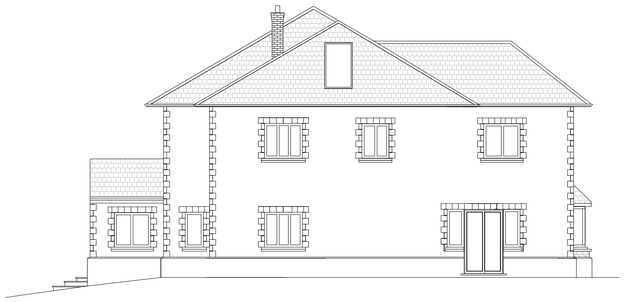
ROOF PLAN



SECOND FLOOR

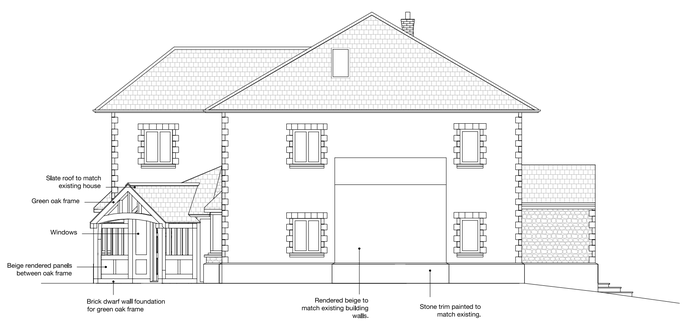


FIRST FLOOR



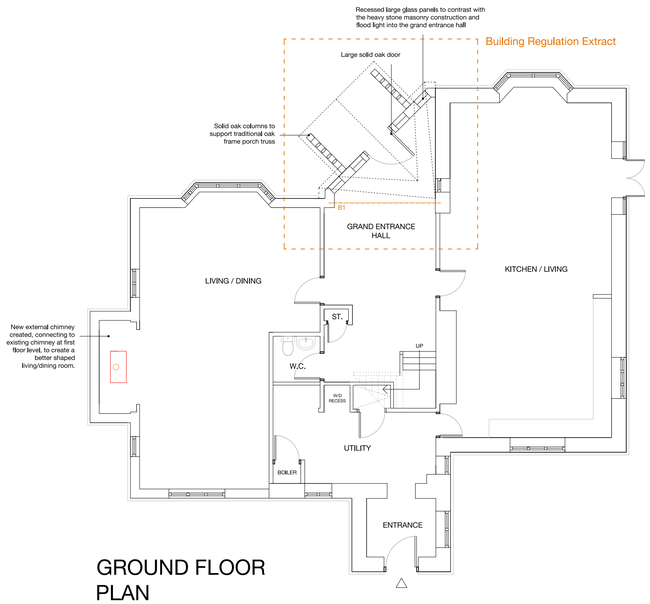
NORTH WEST ELEVATION

NORTH EAST ELEVATION

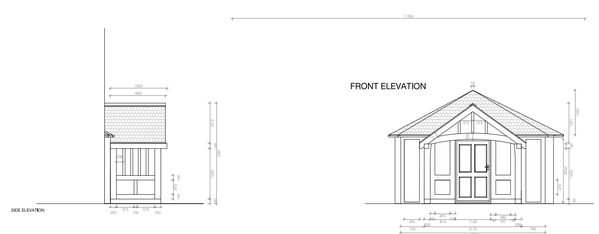


SOUTH EAST ELEVATION

SOUTH WEST ELEVATION



GROUND FLOOR PLAN



PORCH ELEVATIONS

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ARCHITECTURE & PROPERTY DEVELOPMENT

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Lynx Trading Estate
Yeovil
Somerset
BA20 2PJ

Project:	Scale: 1:100 @ A1 / 1:200 @ A3	rev.	date	details	by	Key:
	Date: July 2017	A				
	DWG No. RDS_Shiles_P	B				
	Author: James Kinnear	C				
Drawing: Proposed Drawing Set	Client:	D				
		E				
		F				
		G				
		H				
		I				
		J				

A1 | 1:100

0 5 10 15 20

Shiles Farm

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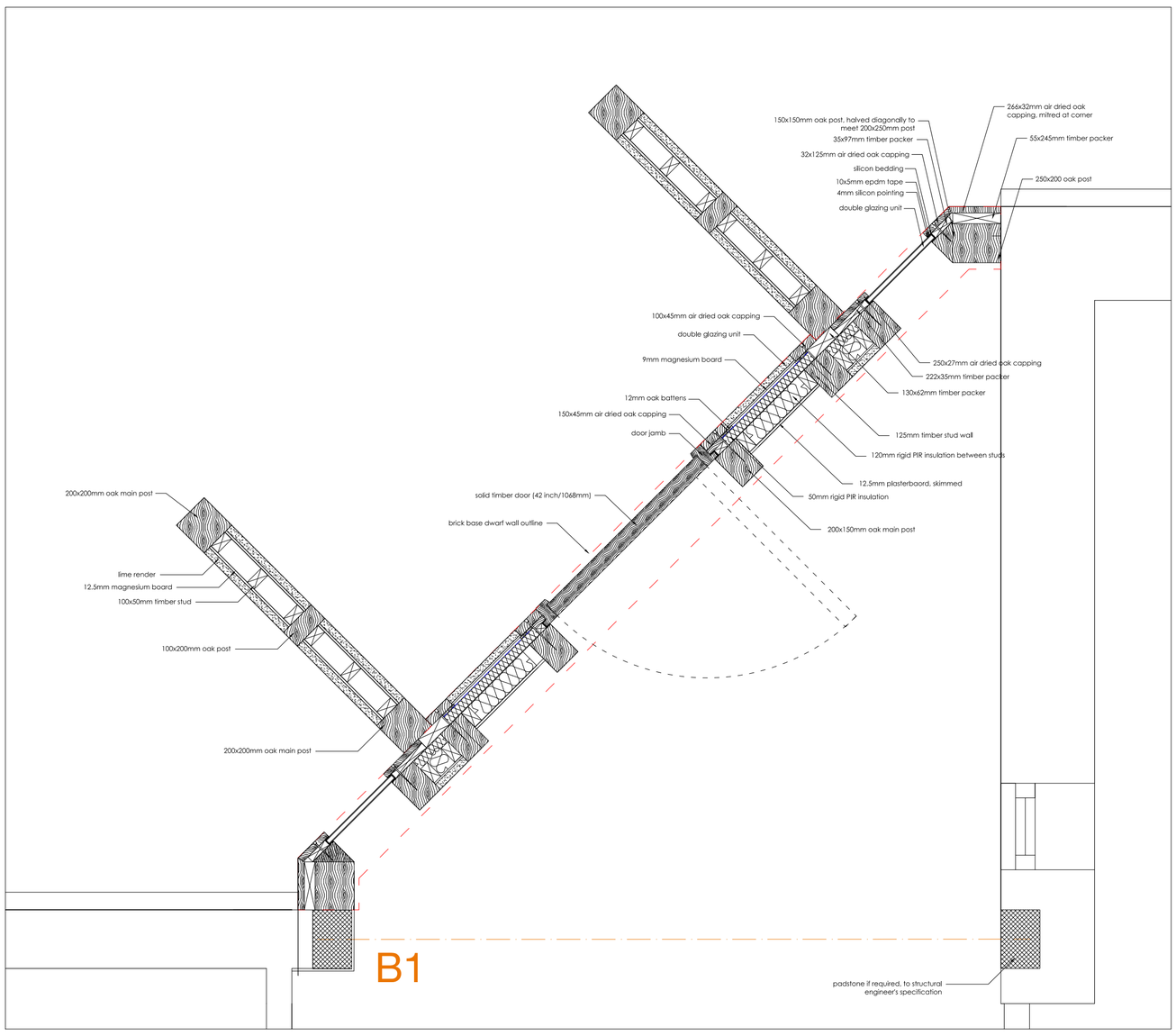
Somerset
BA20 2PJ

Project:	
Scale:	1:100 @ A1
Date:	May 2018
DWG No.	RDS_Shiles_S2
Author:	James Kinnear
Drawing:	Proposed Site Plan
Client:	

rev.	date	details	by
A			
B			
C			
D			
E			
F			
G			
H			
I			
J			

Key:



A1	1:20	Proposed wall plans

A1	1:50	Dwarf base wall plans

BUILDING REGULATIONS NOTES

THERMAL BRIDGING

Care shall be taken to limit the occurrence of thermal bridging in the insulation layers caused by gaps within the thermal element, (i.e. around windows and door openings). Reasonable provision shall also be made to ensure the extension is constructed to minimise unwanted air leakage through the new building fabric.

SITE PREPARATION

Ground to be prepared for new works by removing all unsuitable material, vegetable matter and tree or shrub roots to a suitable depth to prevent future growth. Seal up, cap off, disconnect and remove existing redundant services as necessary. Reasonable precautions must also be taken to avoid danger to health and safety caused by contaminants and ground gases e.g. landfill gases, radon, vapours etc. on or in the ground covered, or to be covered by the building.

EXISTING STRUCTURE

Existing structure including foundations, beams, walls and lintels carrying new and altered loads are to be exposed and checked for adequacy prior to commencement of work and as required by the Building Control Officer.

BEAMS

Supply and install new structural elements such as new beams, roof structure, floor structure, bearings, and padstones in accordance with the Structural Engineer's calculations and details. New steel beams to be encased in 12.5mm Gyproc FireLine board with staggered joints, Gyproc FireCase or painted in Nullifire S or similar intumescent paint to provide 1/2 hour fire resistance as agreed with Building Control. All fire protection to be installed as detailed by specialist manufacturer.

STRIP FOUNDATION

Provide 225mm x 600mm concrete foundation, concrete mix to conform to BS EN 206-1 and BS 8500-2. All foundations to be a minimum of 1000mm below ground level, exact depth to be agreed on site with Building Control Officer to suit site conditions. All constructed in accordance with 2004 Building Regulations A1/2 and BS 8004:1986 Code of Practice for Foundations. Ensure foundations are constructed below invert level of any adjacent drains. Base of foundations supporting internal walls to be min 600mm below ground level. Sulphate resistant cement to be used if required. Please note that should any adverse soil conditions be found or any major tree roots in excavations, the Building Control Officer is to be contacted and the advice of a structural engineer should be sought.

SOLID FLOOR INSULATION UNDER SLAB

To meet min U value required of 0.22 W/m²K

Solid ground floor to consist of 150mm consolidated well-rammed hardcore. Blinded with 50mm sand blinding. Provide a 1200 gauge polythene DPM, DPM to be lapped in with DPC in walls. Floor to be insulated over DPM with 100mm thick Celotex.

25mm insulation to continue around floor perimeters to avoid thermal bridging. A VCL should be laid over the insulation boards and turned up 100mm at room perimeters behind the skirting, all joints to be lapped 150mm and sealed, provide 100mm ST2 or Gen2 ground bearing slab concrete mix to conform to BS 8500-2 over VCL. Finish with 65mm sand/cement finishing screed with light mesh reinforcement.

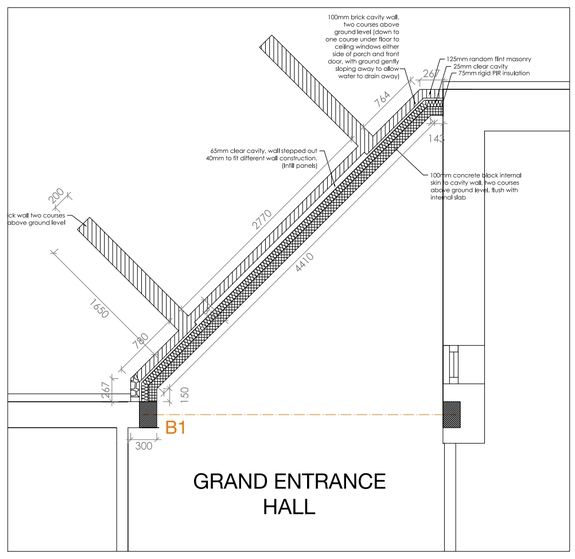
Where drain runs pass under new floor, provide A142 mesh 1.0m wide within bottom of slab min 50mm concrete cover over length of drain.

Where existing suspended timber floor air bricks are covered by new extension, ensure cross-ventilation is maintained by connecting to 100mm dia UPVC pipes to terminate at new 65mm x 215mm air bricks built into new cavity wall with 100mm concrete cover laid under the extension. Ducts to be sleeved through cavity with cavity tray over.

PARTIAL FILL CAVITY WALL

To achieve minimum U Value of 0.28W/m²K

Provide 103mm facing brick to match existing construction. 50mm clear residual cavity, 60mm Celotex CW4000 insulation fixed to 100mm standard block K value 0.15 (Celcon standard, Thermalite shield, Toplite standard,) Internal finish to be 12.5mm plasterboard on dabs with a plaster skim. Walls to be built with 1:1:6 cement mortar.



DPC

Provide horizontal strip polymer (hyload) damp proof course to both internal and external skins minimum 150mm above external ground level. New DPC to be made continuous with existing DPC's and with floor DPM. Vertical DPC to be installed at all reveals where cavity is closed.

WALL TIES

All walls constructed using stainless steel vertical twist type retaining wall ties built in at 750mm ctrs horizontally, 450mm vertically and 225mm ctrs at reveals and corners in staggered rows. Wall ties to be suitable for cavity width and in accordance with BS 5628-6.1: 1996 and BS EN 845-1: 2003

CAVITIES

Provide cavity trays over openings. All cavities to be closed at eaves and around openings using Thermabate or similar non combustible insulated cavity closers. Provide vertical DPCs around openings and abutments. All cavity trays must have 150mm upstands and suitable cavity weep holes (min 2) at max 900mm centres.

EXISTING TO NEW WALL

Cavities in new wall to be made continuous with existing where possible to ensure continuous weather break. If a continuous cavity cannot be achieved, where new walls abuts the existing walls provide a movement joint with vertical DPC. All tied into existing construction with suitable proprietary stainless steel profiles.

CAVITY BARRIERS

30 minute fire resistant cavity barriers to be provided at at tops of walls, gable end walls and vertically at junctions with separating walls & horizontally at separating walls with cavity tray over installed according to manufacturers details.

WARM PITCHED ROOF

Pitch 22-45°

To achieve min U-value required of 0.18 W/m²K

Timber roof structures to be designed by an Engineer in accordance with NHBC Technical Requirement R5 Structural Design. Calculations to be based on BS EN 1995-1-1. Roofing tiles to match existing fixed to tile battens secured over breathable sarking felt to relevant BBA Certificate allowing the breather felt to sag at least 10mm over preservative-treated counter battens (min 38mm x 50mm). Provide 40mm Celotex GA4000 insulation boards under the counter battens and 60mm Celotex GA4000 between 47 x 195mm timber rafters strength class C24 at 400 c/c – span to engineer's details (oak equivalent). Finish with 12.5mm plasterboard and skim.

Restraint strapping - Ceiling joists tied to rafters (if raised collar roof consult structural engineer). 100mm x 50mm wall plate strapped down to walls. Ceiling joists and rafters to be strapped to walls and gable walls, straps built into cavity, across at least 3 timbers with noggins. All straps to be 1000 x 30 x 5mm galvanized straps or other approved to BSEN 845-1 at 2m centres.

LEAD WORK AND FLASHINGS

All lead flashings, any valleys or soakers to be Code 5 lead and laid according to Lead Development Association. Flashings to be provided to all jambs and below window openings with welded upstands. Joints to be lapped min 150mm and lead to be dressed 200mm under tiles, etc. All work to be undertaken in accordance with the Lead Development Association recommendations.

ELECTRICAL

All electrical work required to meet the requirements of Part P (electrical safety) must be designed, installed, inspected and tested by a competent person registered under a competent person self certification scheme such as BRE certification Ltd, BSI, NICEIC Certification Services or Zurich Ltd. An appropriate BS7671 Electrical Installation Certificate is to be issued for the work by a person competent to do so. A copy of a certificate will be given to Building Control on completion.

INTERNAL LIGHTING

Install low energy light fittings that only take lamps having a luminous efficiency greater than 45 lumens per circuit watt and a total output greater than 400 lamp lumens. Not less than three energy efficient light fittings per four of all the light fittings in the main dwelling spaces to comply with Part L of the current Building Regulations and the Domestic Building Services Compliance Guide.

SAFETY GLAZING

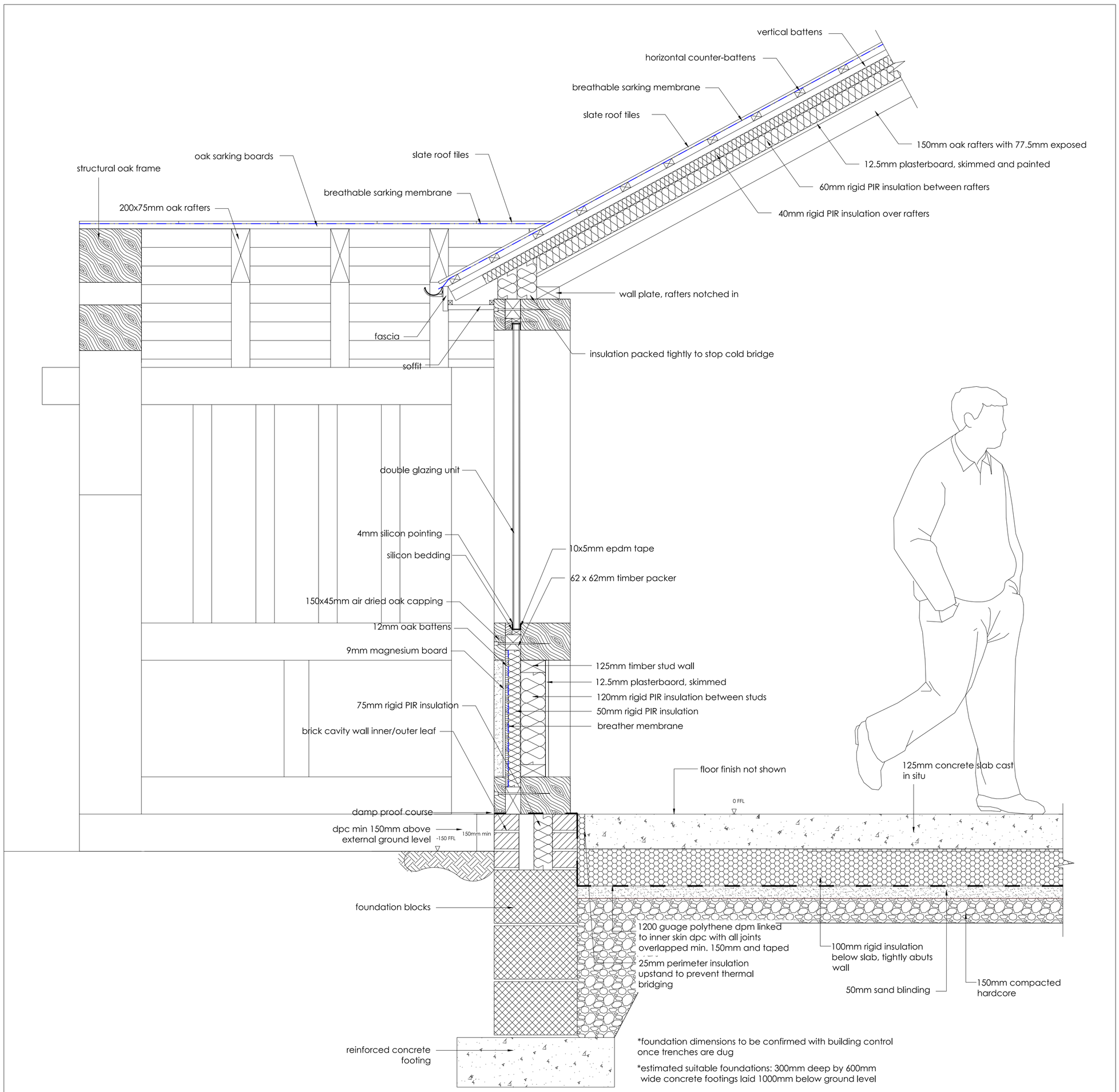
All glazing in critical locations to be toughened or laminated safety glass to BS 6206, BS EN 14179 or BS EN ISO 12543-1:2011 and Part K (Part N in Wales) of the current Building Regulations, i.e. within 1500mm above floor level in doors and side panels within 300mm of door opening and within 800mm above floor level in windows.

NEW AND REPLACEMENT WINDOWS

New and replacement windows to be double glazed with 16mm argon gap and soft coat low-E glass. Window Energy Rating to be Band C or better and to achieve U-value of 1.6 W/m²K. The door and window openings should be limited to 25% of the extension floor area plus the area of any existing openings covered by the extension.

RAINWATER DRAINAGE

New rainwater goods to be new 110mm UPVC half round gutters taken and connected into 68mm dia UPVC downpipes. Rainwater taken to new soakaway, situated a min distance of 5.0m away from any building, via 110mm dia UPVC pipes surrounded in 150mm granular fill. Soakaway to be min of 1 cubic metre capacity (or to depth to Local Authorities approval) with suitable granular fill and with geotextile surround to prevent migration of fines. If necessary carry out a porosity test to determine design and depth of soakaway.



A1	1:10	Section A-A

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Project:	Scale:	Assorted	
	Date:	August 2017	
	DWG No.	RDS_Shiles_BR	
	Author:	James Kinnear	
Drawing: Porch Building Regulations	Client:		

rev.	date	details	by
A			
B			
C			
D			
E			
F			
G			
H			
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Key:

Whilst the greatest of care has been taken to ensure the accuracy of these dimensions, please be aware that they may vary on-site.

A1 | 1:25

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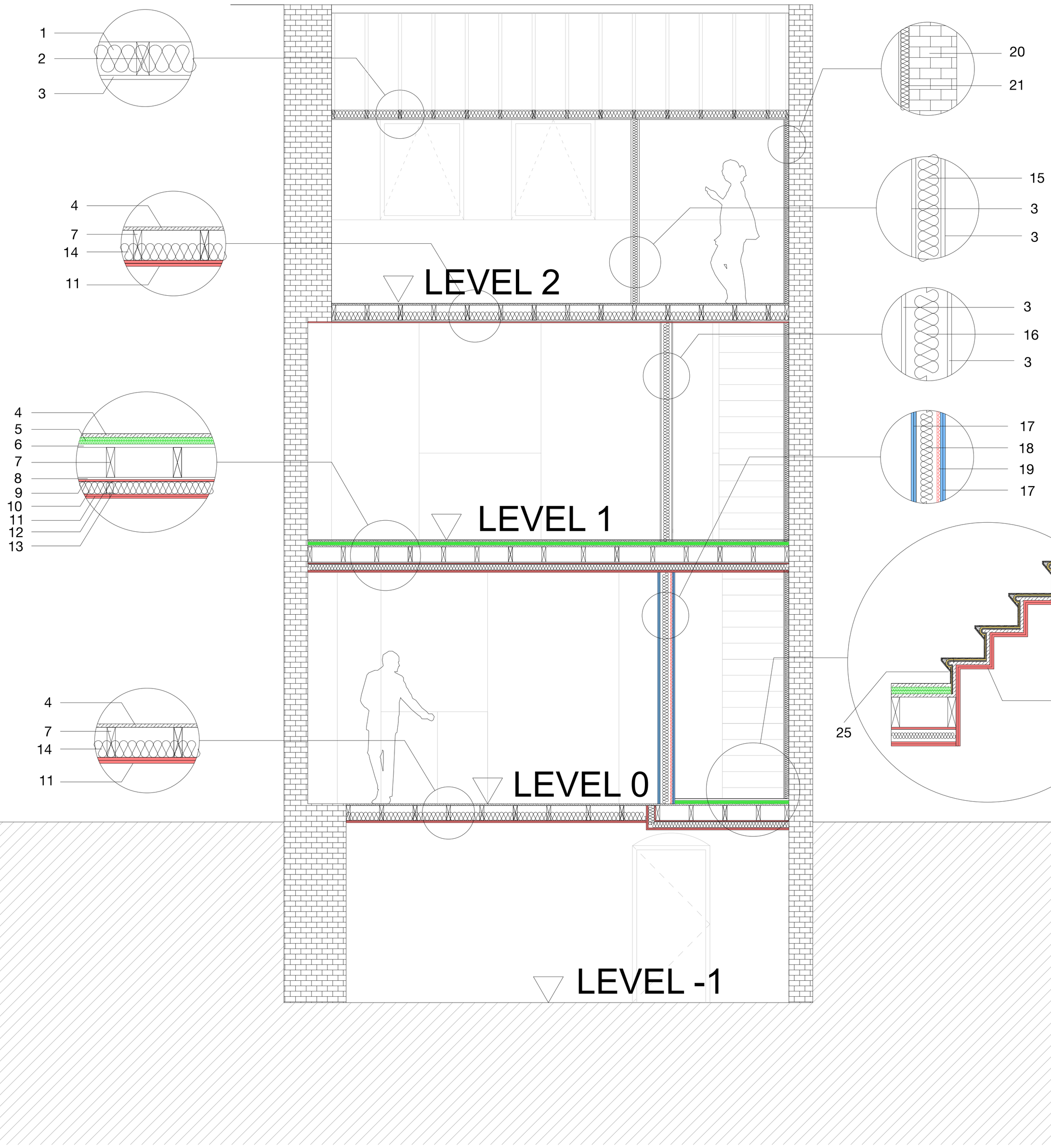
0 5 10



SECTION

Materials Key:

1 - 100mm existing rigid PIR insulation
2 - Existing timber 100mm rafters.
3 - Existing 12.5mm plasterboard, skimmed and painted.
4 - 22mm T&G chipboard flooring.
5 - Instacoustic floating floor system or similar.
6 - Existing floorboards.
7 - Existing 200mm solid timber floor joists.
8 - Existing lathe and plaster ceiling.
9 - 12.5mm Gyproc Fireline board.
10 - IN10 acoustic insulation.
11 - 2 layers of 12.5mm Gyproc Fireline.
12 - Isolation washer.
13 - Adjustable acoustic hangar.
14 - 100mm Rockwool insulation or similar.
15 - 50mm fibreglass or rockwool insulation between 75mm timber stud at 400 centres.
16 - 50mm fibreglass or rockwool insulation between existing 125mm timber stud.
17 - 2 layers of 15mm Gyproc Soundbloc.
18 - 75mm Isover APR 1200 acoustic insulation between existing 125mm timber stud.
19 - Gypframe RB1 resilient bar at 600 centres.
20 - Existing brick masonry cavity wall.
21 - Celotex PL4000 or similar composite board at 62.5mm thickness. (unless cavity has been filled with insulation previously, in which case not added)
22 - Preformed tread and nosing fitted with counter sunk screws and acoustic sealant at specific intervals (see Building Regulation notes for details.)
23 - InstaCoustic Sound Barrier with grooved section round nosing.
24 - Existing timber stairs.
25 - Countersunk head screws.

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Project:	Scale: 1:25@ A1	Revisions:
	Date: December 2016	
	DWG No. RDS11B_16_BR	
	Author: James Kinnear	
Drawing: Building Regulation Section	Client:	