





GENERAL	NOTES	AND	SPEC	FICA	TION
---------	-------	-----	------	------	------

No part of these drawings is to be scaled

Any errors or omissions must be immediately brought to the attention of the architec

These drawings are subject to copyright laws. (c) Ti Fleming Homes Ltd Proposed building classification • 1C (2 Storey Dwelling House)

General: All new works are to be in accordance with The Building (Scotland) Regulations 2004 and all current

All new works, products and processes are to be in accordance with the relevant British Sta manufacturers guidance and shell be carried out to the highest standard of craftsmarship by and qualified persons of the respective trades and in accordance with acod building practice ship bu okilo Roof construction: General Notes:

11 unknol of 0.42 Milmile

"Levalue" of 1.3 W/m²k

neral Notes

Trickle ventilation:

uctural timber to be to BS 5268-2: 2002

All roof trusses and infil rafters to be designed and detailed by specialist roof truss manufacturer and based on loadings in accordance with BS EN 1995-1-1/2004 A2:2014

Leadwork: All flashings, valleys and spakers etc. to be code 4 lead and fixed in accordance with the lead.

Gliakvala Protect VP400 breathable roofing membrane on 10% x 22m saring with 2-3mm g bahween beards, and op similar and approved insulation lad bahween and 100 m thick Formsherm 40 or similar and approved insulation lad over colling lates at colling lavel Protect VU Utter Folar lagititates bahveen fault speak and taped 50 x 33mm timber colling branders at 400mm contres 12,5mm (similar protect days bahveen days bahveen speak and timber 12,5mm) spin lagened days plasticitation. Joints baged and filled, and 3mm skim coat finish.

Stoping Cetting:
Natural states
Gitiaevala Protect VP400 breathable roofing membrane on 150x22mm sarking board with 2-3mm

Rooflights: Rooflights indicated on drawings to be of low vulnerability classification, complete with flashing to suit

eneral works: II windows to be Timber Windows (colour TBC). Windows to have opening restrictors fitted. Grou oor windows to be fitted with locks. All accessible windows to meet with Section 2 of 'Secured by

ckle venlijstion: General rooms: 12,000mm⁹ Utility room: 10,000mm⁹ En-suite 8 Bartroom: 10,000mm⁹ er an average 11,000mm⁹ per room with a minimum of 11,000mm⁹ in each apartment.

Escape windows should be large enough to escape through and should be situated in an exit or roof. The windows should have an unobstructed openable area that is at least 0.33m² and 450mm high and 450mm wide. The route through the window may be at an angle rather than through and the bottom of the openable area should be not more than 1100mm above the flo

Double plazed 4/16/4 clear float plass low 'e' units with soft cost and aroon filled. 'U-value' of 1.4 W/m?k

Natural daylight to be provided to each apartment with a minimum glazed area to windows of 1/15th of the respective more area.

All glass below 800mm from FFL to be laminated 6mm safety glass and clearly kitemarked. Al glass t be to BS 6262: 2005 and BS 6206:1981.

All windows to be cleanable from within room in accordance with BS 8213-1:2004, to be fitted with easy clean hinges and where opening over a footpath or ramp to be fitted with restrictors.

Frame must be securely fixed. All externally fitted timber glazing beads glued or bonded and pinned. Easily accessible windows should be tested and certified by a notified body as meeting a recognised standard for security such as BR 79/W1 1997 for windows.

To ensure a robust, basic standard of security, an easily accessible window should be de constructed in accordance with the general recommendations of the product standard ap the material used, such as 85 644: 2009, for imber window units

A keyed locking system that uses a removable key or

Vulnerable windows should be constructed to resist attempts to force frames and, if openable, ironmongery. Windows which can be opened should be fitted with either:

A keyless locking system, together with glazing which incorporates laminated glass or a similarly robust

Where a material standard for a doorset is not available, it should be designed and constructed in accordance with the recommendations in Annax A of BS 8220-1: 2000, together with the following recommendations, to ensure a robust basic standard of security.

All easily accessible doors should be tested and certified by a notified body as meeting a recognised standard for security such as PAS 24; 2007 for doorsets.

Single swing the doorsets should be fitted with at least one and a half pairs of hinges meeting the recommendations of BS EM 1035: 2002 for hinge grade 11 or above. Hinges fitted to an outward-open: Otherwise, hinge bots hand be fitted to ensure the door labove. The terms inscrete when door is open. Otherwise, hinge bots hand be fitted to ensure the door labove. The withermain second work on the terms in second work on the terms in second work on the terms of the terms in terms of the terms of terms of the terms of the terms of terms of the terms of terms

A doorset should include a single-point looking device to BS 3821: 2007 (for keyed egress) or to BS 8821: 2007 (for keyless egress) or a multipoint looking system. A deadlocking facility should be provided. Any look cylinder should be in accordance with BS EN 1303: 2005, grade 5 key security and grade 2 atlack resistance as a minimum.

A doorset with more than one door leaf should include a means of securing any secondary leaf at hea and foot to allow the normary leaf to be securely incided

ance door to be fitted with Mobility Weather Bar by Exitex (or similar & approved), fitted to afacturers instructions to comply with Section 4.1.8/4.1.9 of the Building Standards (Scotland)

Bestored awards: Descend News: All detected awards to comply with the latest IEE migulations and Section 4.5 of the Building Standards and to be designed, controlled, installed and tested such that it is in accordance with the recommendations of 85 T071, 2006, as amended.

Access to door locks from outside by breaking of glazing, in or adjacent to a door leaf should be prevented by use of laminated glass or a similarly robust glazing material.

Doors: General Notes: 'U-value' of 1.4W/m³k for solid doors, 1.4 W/m³k for double glazed doors.

All external doors to meet with Section 2 of 'Secured by Design'

All concrete and timber door cits to have exposed drips

Regulations 2015.

Glidevale Protect VP400 breathable roofing membrane or app botween boards. Raised tie type roof truss at 600mm centres 140mm thick Kingspan TW55 to be fitted to tace of raffers. VOU thra' fül at-sphtness barrier 50 x 33mm service vidi battens at 400mm centres. 123mm glien begreid oge plasterboard.

All send social assessments bestelves to be involuted

All Timber window cills to how avonced drine.

The contractor shall be responsible for making contact with the respective statutory authorities and establishing the location of all existing services. The contractor shall ensure compliance with the local authority reculations.

1 kvalue' for constructions to comply with Section 6 of the Bullding Standards (Scotland) Regulations Pitched roof contruction: Flat Ceiling: • Natural State • Clickeute Protect VP400 breathable roofing membrane on 150 x 22m sarking with 2-3mm gaps

- U-valuer for constructions to comply with Section 6 of 2015 and to have area weighted average of -For external walls: 0.22w/m²k For roofs: 0.15w/m²k (Insulation between joists) For exposed floors: 0.19w/m²k For windows, doors & rooflights: 1.6w/m²k

- Individual elements not to exceed -For external walls 0.70whm*k For roots 0.35whm% For exposed floors 0.70whm*k For windows, doors & rootlights 3.3w/m*k
- No bish alumina camant to be used on site

All scaffolding to comply with BS EN 12811 with all tubes and fittings to comply with BS 1139: 1990.

All junctions between walls, ceiling, windows and doors, and all service penetrations to be sealed with "Protect" VC Foll Tape' or similar and approved equivalent to prevent, as far as reasonably practicable any air infiltration into the bulking(s).

An air-test will be required upon completion of the dwelling.

Foundations: General Notes: ks to be cleared of toosoil and vegetable matter

Area of more wronts the datased of topool and vegetable mater. Any mode ground is to be enrewed over the plan more of the datafingthouse, should any localised of the strength material strength of the strength of

Top of foundations to be a minimum of 500mm below ground level. Competent person to check formation level prior to concrete being poured

Foundations to be to engineers design. Concrete grade to be C28/35 concrete to Tables A.13, A.14 and A.15 of B.5, 85/001-12015 with a cominal maximum size of agregate of 20mm and a nominal shump of 75mm. Concrete to be compacted theroughly and curved to the recommendations of BS 101-11. No. Iserv A522 mesh to B5 4483 placed with 50mm cover from bottom of ship footings.

Any steps in foundations to be formed in accordance with Clause 7.3.5 "Stepped Foundations" of BS 8103-12011. On sping tasks, each length of atrip foundation between steps should be informed. Th face of each step in the old should be an env vertical as possible. At all changes in level, strip foundations to be lapped at the steps for a distance equal to the thickness of the strip foundation or twice the height of the step of 30m relatives in greater.

External walls below DPC level:

Block to inner and external leaf to be dense 140mm thick to BS EN 771-3:2011 with a minimum crushing strength of 7.3 N/mm². Mortar for underbuilding to be 2% to 3%1 sand/ cement mortar

DPC to be fitted at a minimum of 150mm above finished ground level and fully around al wal

DPM's to fully overlap with DPC's within walls and be sealed with proprietary adhesive tape

External walls above DPC level:

All structural work to comply with structural engineer's details and to comply with Section 1 of the Building Standards (Scotland) Regulations 2015.

All vapour control membranes within timber frame constructions to be overlapped and sealed to prevent, as far as reasonably practicable, any air infiltration into the building.

Following cavities to be closed: • Vertically within cavity at all external corners

vencary winin cavity at all external corni At 10m horizontal centres around building Horizontally within cavity at ceiling levels At head of construction

with 50mm Rockwool TCB Cavity Barriers (or similar and approved) suitable for $\frac{1}{2}$ hour fire protection

External wall construction of house

- 150mm natural stonework Nominal 50mm cavity. "Protest" "F200" Thermo or similar and approved breather membrane, vapour resistance of no "Protect" TP2001 "Thermo or winiter and approved breather membrane, vapour resistance of rug synater han 6.04 MARU) 8.0mm bink C688 sheathing based 9.00mm bink c688 sheathing based 9.00mm bink approved 9.0mm bink kingspan TV055 insulation hoard to internal face of stack. There are approved 9.0mm bink approximation hoard to internal face of stack. There are approxed by the start of the approxed by the start of the start for the start of based based and c00mm contrist.

Firestops, consisting of 45 x 45mm treated SW timber battens with DPC wrapped around, to be fixed: IFully around al new window and external door openings

Thuskey of 0.4400 mile

Internal Politikers: 307: 305m 070 Unitiner states (g) 600mm overtees, to row-hardwarding and bodhearting partitions with the layer of 12.5mm plan layered edge planetowork to both asias with minimum mass per unit area of 100gmir), plans layered and field, and any mission adaptates. 100mm sound electrinic instation to be titled to all partitions with minimum density of 108gmir, to provide a minimum alloworm sound hardward lowed of 339m.

1No layer of 12.5mm Moisture resistant plasterboard to be used to internal face of partitions to all

Pipeboxes to be constructed around new SVP's or AAV's, comprising 12.5mm plain tapared edge plasterboard on 38 x 38mm SW timber framing and with a screw fixed plywood access panel at handhols level(s).

Concrete alla Goor construction: • 65mm sell loveling sandicismon screed 100mm Ringen Thermation IF70 (or similar and approved) rigid insulation board, 25mm insulation edge strip, 1200 gauge vargeon membrane with 150mm laps, joints to be sealed, DPM to be taken up well

- 1200 gruge inspanet membrane with 150mm taps, prints to be sealed. DPM to be taken up wall
 and tapped with DPC, pint to be sealed.
 100mm thick blockwork on 155mm basam and block tacoring.
 1200 gruge varge using membrane with 150mm taps, prints to be sealed. DPM to be taken up wall
 and tapped with DPC, pint to be readed.
 150mm taps, prints to be readed.
 150mm taps, prints the taken up of advants to port odume.

"U-value' of 0, 16 W/m*k

The decision and alone system conjugate and isstatuent is accordance with 85 5538 print 2 5213 to be table autility. The other table system contains and within an advertain to about table balance. Adverse in all circulations spaces that from part of sease moster and more or mains that present it have for each and table and table and tables are to be consisted to a main creat in dependent from any other particular of tables tables are to be addressed to a fight string. System to have balance tables tables and tables and tables and tables and tables and tables tables and t Upper floor construction 22mm T&G Egger protect moisture resistant flooring with minimum mass per unit area of 15kg/m on 50x30mm floor battens at 400mm centres, fit UFH pipes and fill between with 30mm sand/cement biscuit screed. 15mm OSB sub decking 254x 72mm Post-Joists at 400mm centres with minimum 100mm sound deadening insulation, a between the start of a dotate is booming checked with information opening and a dotate in grade and opening interestion of minimum density of 10 kg/m².
 2 Layers 12.5mm plan plasterboard finish to celling, having a minimum mass per unit area of 10 kg/m² with a 3mm skim coat finish. Kitchens to have min 6 No. socket outlets

Kitchenis to have mn 6 No. socket outlets. Apartemists to have mn 4 No. socket outlets. En-suite light fittings to be low volkage/stirtoudet. En-suite to have share priori. Share is tokation awkiches to be outside bath/shower nooms. In a Envites to have share priori. Share is tokation awkiches to be outside bath/shower nooms. In a bathroom or shower noom, an electic share power outlet, correlying with BS EN 61564-252-2001 may be installed. sortable equipment. The junctions of all boxings for services and the building fabric to be sealed to prevent the infibration of sir into the building.

All recessed downlighter & spot lights to ground floor to have hoods in order to maintain the fire resistance of the floor.

A 100% of the fixed light fittings and larges installed in a dwalling should be low energy type sh conversion une wave rank unange and temps installed in a dwelling should be low energy type.sh.
 The dittings may be either:
 Dedicated fillings which will have a separate control gear and will only take fluorescent lamps (pin based lamost) or

Fittings including lamps with integrated control gear (beyonet or Edison screw base lamps).

Outlets and controls of electrical fixtures and systems to be positioned at least 350 mm from any internal corner, projecting wal or similar obstruction and not more than 1.2 m above floor level. This includes fixtures such as sockets, switches, fire alarm cal points and timer

controls or programmers Within this height range: Light switches should be p Standard switched or unn

Light switches should be positioned at a height of between 900 mm and 1.1 m above floor level. Standard witched or unwatched societ cultes and calles for other services such as before a working, future should be at least 100 mm above the opticity autions. Where societs cultes are concelled, such as to the near of white pools in a kitchen, separate switching should be provided in an accessible portion, tail be vagatared to extend the societs cultes and the society of the societ

Carbon monovide detectors should controls with BS EN 50201-1-2010 and be conserved by a batter Caroom monocode detectors should comptly with this Exhibit 0.112.010 and be powered by a battery designed to operate for the working life of the detector. The detector should incorporate a warning device to shert the users when its working life is due to expire. Hard wired mains operated carbon monoxide detectors complying with BS EN 50291-1.2010 (Type A) with fixed wining (not plug in typ may be used as an alternative, provided they are titled with a sensor failure warning device. De UBel als all alternative, promote very are more annual a certain ranker warming denote. re carbon monoxide detectors are within the scope of either or both: European Directive 2008/SSEC – Low Voltage Directive and/or Ferromann Directive 1998/SFC – Redjo and Telecommunication Terminal Equipment Directive

European Directive 1996/S/EC – Foldo and 1etecommunication remnina couprem uncover hey should be constructed to fully comply with all applicable safety aspects of the Directive(s). The guidance in this clause takes account of the autibility levels in adjoining rooms and the effect of arbon monoxide moving throughout the building. Carbon monoxide detectors should include an

- nounder. n. Vermide datarter in every searce containing a fixed combustion ambiance (excluding a
- 1 carbon monositie deletor in every space containing a fixed contrabution appliance (excluding deplanor used object rocoting) and presenting to high rich accommodator. That is, a bedroom or principal habitable horm, where a fluor passes through rises rooms, estimates a discussion of the structure of the stru

Carbon monoxide detectors in the space containing the combustion appliance should be sited b Im and 3m from the appliance. Note: where the combustion appliance is located in a small space it may not be possible to locate the detector within that space. In such circumstances the detector may be located at the appropriate distance outwill the space.

Ince outwith the space. Irbon monoxide detector should not be sited: in an enclosed space (for example in a cupboard or behind a curtain) where it can be obstructed (for example by furniture) where it can be obstructe directly above a sink next to a door or window next to an extract fan next to an extract fan next to an air vent or similar ventilation opening in an area where the temperature may drop below -10°C or exceed 40°C, unless it is designed to do so It is designed to do so where did rand dust may block the sensor in a damp or humid location or in the immediate vicinity of a cooking appliance. Iddicinal guidance on the sitting of carbon monoxide detectors, including hanced coverage, can be found in BS EN 503922002.

 Additional quadration the naiming of earlier increases the data set of earlier increases the set of earlier increases the data set of earlier increases the dat All connections to stacks to be separate. SVD stacks to be terminated at the coof slope by means of Glidevale Premiers In line Glate Ventilet Soft inversion Augional and Finitude Figure Fix in accordance with manufacturers instructions. All joints and connections to be airlight in accordance with Building Regulations Approved Documents, and all pipes and ducts in the root space to be insulated. Position 900mm above any window openings. All shower walls to be filed to a height of 1800mm so as to be impervious to the passage of moisture.

Plumbing and heating works: General Notes:

d unless the

nains supply to be taken to the kitchen sink and al WHB's, bath, showers and toilets. All ks etc. To be to the specification of the Local Authorities.

Nater efficient fittings should be provided to all WC's and WHB's. Dual flush WC cisterns should I an average flush volume of not more than 4.5 litres. Single flush WC cisterns should have a flush accurate provide the second second

Sink: 40mmØ ABS
 WC: 100mmØ uPVC/lirectay
 Shower/Bath: 75mmØ ABS
 WHB: 32mmØ ABS
 AAV: 50/100mmØ uPVC

Test for syphonage and fit anti-syphon traps as required. All fittings to have deep seal traps. Shower traps to be fully accessible.

Thermostatic anti-acad mixing valves to be fitted to hot water system or fitting complying with BS EN 1111:1990 or BS EN 1287:1999, fitted as close to the point of delivery as practicable. To prevent scalding, the temperature of hot water, at point of delivery to a starh or tokied, should not exceed 48° c.

Install new Air Source Heat Pump (manufacturer TBC) or similar and approved strictly to manufacturers Instantiants in construction watch drag (management) and (b) to the standard of the standard o

Index rungs to be mile uwin oblies interforce and separate controls for DFM, to profile appased afficiency of 337, 75%. Air Source Heat Pump to be fixed to concrete slab using M10 anchor bolls and to sit an Anti-Vibration Pads, as supplied by manufacturer. Concrete slab to be 150mm thick C25 grade on 150mm well compacted layer of Type 1 material. Slab to extend 100mm beyond plan size of pump unit.

Install new 210 threa unverticed multi thermal alone opticate articity to manufactures instructions by a compatibility preserve who is a member of an appropriate loop and, or completion, a warring lated and form optivaments and an analysis of preserve and the set of 130 Whites, Onkors to be listed with a analysis of the set of the set of the set of the set of 130 Whites, Onkors to be listed with a analysis of the set of the set of the set of the set of 130 Whites, Onkors to be analysis of the set of the set of the set of the set of 130 Whites, Onkors to be analysis of the set of the set of the set of 130 Whites and the set of 130 Whites, Onkors to be analysis of the set of the set of the set of the set of 130 Whites and the set of 130 Whites and the set of the set of the decrement of the set of the field set of the decrement of the set of the decrement of the set of the decrement of the set of the decrement of the set o oved Code of Practice and Guidance (LB) "The control of Legionella bacteria in water systems", nmends for hot water storage cylinders that the whole contents should be heated to 60°C for one each day to prevent growth of Legionella bacteria in the cylinder.

Stair Construction: All stair construction to comply with Section 4.3 of Building Standards (Scotland) Regulations 2014.

Protective barriers to landings to be a minimum of 900mm in height and must not permit the passag a 100mm diameter sphere. Balustrade comprising 66mm/8 timber handral & 900mm above fff with 98x89 vertical supports and 40x40 intermediate timber balustres & max. 138mm centres.

Protective barriers must be secure and capable of resisting appropriate loads in accordance with BS EN 1991-1-1:2002, BS EN 1991-1-7:2006

Stair construction to be white oak or equal and approved, comprising flight of 20mm thick treads and 10mm thick risers supported on 250 x 35mm stringers.

Total Rise - 2697mm No, of risen - 1 pho, of risen - 4 phot - 2400m pick - 2400m pick - 2400m pick - 2400 million - 2000 million - 2000 million Stifterger or new pick may project a max. 300m link the dear width.

Balustrade comprising 66mmØ timber handrall @ 900mm above pitch line with 85x88 vertical supports and 40x40 intermediate timber balusters @ max. 139mm centres. Stair to have 2m headroom over

Prior to commencent of work, site to be secured with min. 2m high close mesh security fencing, in accordance with Health & Safety Guidance HSG 151 Section 2. So far as reasonably practicable, site to be properly secured or closed against unauthorised entry at a limes when work thereon is not in

Where necessary to prevent danger, providing footpaths outside security fences with safe and "Where necessary to prevent danger, providing footpaths outside security fences with safe and "commandent halfforms" handraits, steps or ramps, and substantial overhead coverings.

Where any work is being carried out on a building site or building, any neighbouring footpath (includi any toopath provided so as to form part of the protective works) shall be regularly cleaned and kept free of building debris and related materials by the person carrying out the work, to the satisfaction or the local authority.

Ground floor entrance and exits to be barrier free with hard landscaping graded to provide ramped access no steeper than 1:12.

Provisions for the disabled to comply with Section 4.2 of the Building Standards (Scotland) Regulations 2015 and be in accordance with BS 8300: 2009, as amended.

come to charging the completion Section 4.1 of the Building Standards (Scatterd) regulations 2015. In provide that the transmission of the guidance is a gradient of not more than 1 in SC or gravity shorps, which for the purpose of the guidance is a gradient for a gradient for a gradient for a gradient of the sprane of the guidance is a gradient for the gradient of a gradient of a gradient of a gradient of the gradient of th

For safety and convenience in use, the surface of an accessible route should be firm, uniform and of a material and finish that will permit ease in manoeuvring. It should provide a degree of traction that will minimise the possibility of slipping. This should take into account both anticipated use and

The surface of an accessible route, whether composed of modular paving units, formless material such as tamac; or another durable material, should have a profile that will not offer a trip hazard result in standing water. It should be installed in accordance with a code of practice relevant to the material, where such exists.

Surface elements such as drainage gratings and manhole covers should be of a type that will not create a trip or entragment hazard. Uneven surfaces, such as cobbles, or loose-laid materials, such as gravel, will greasert difficulties to many people and should not be used.

1200 x 1200mm min, level platt to entrance door, 1000mm min, wide concrete access ramp with light tamp non-alip finish to surface, gradient of 115 and not to exceed 5m in length. Provide 50mm pin kerb to edge of ramp and level platt, to project 100mm above finish level.

© Crown copyright, All rights reserved, Licence Number 100047318

BUILDING

WARRANT

ISSUE

63

FLEMINGHOMES

Station Road, Duns, Berwickshire, UK, TD11 3HS

Fax (01361) 883 898

www.fleminghomes.co.uk

It is the responsibility of the customer and contractor appointed for the fina design of electrical, bathroom, kitchen and utility filments. Those indicates by Fleming Homes LTD are demonstrative for building control purpose only.

FH FH A1 2017

CONTRACT No.

2017

Do not scale drawing Dimensioned wallplate layout plan will be provided Dimensions given are atructural unless otherwise stated It is the enter exponsibility of the customer to have ground co checked prior to start of work and have foundations designed accord

SCALE DRAWN CHECKED PAPER DATE

Email: enquiries@fleminghomes.co.uk

Telephone (01361) 883 785

THIS DRAWING IS CORVEICHT

DATE REVISIONS

BW4

DRAWING Ref

FOR SAMPLE DRAWING

PROJECT

POSTCODE

SITE

External precast steps to have 150mm rise (or max. 170mm) and a 250mm going, with a maximum pitch of 34°. If floor to ground level greater than 600mm, provide handrail to each side of steps, in accordance with Building Standard 4.3.

900 x 900mm slabbed area, with washable surface, suitable for the hardstanding of bin or bins, with easy access to allow removal. For position refer to their name

Provide Energy Performance Certificate for Dwe ling House on completion, displayed and located in a position that will not be easily obscured, is Gas or Electric meter housing or adjacent water stop cock.

theved must be fixed to the building prior to completion. The sustainability label should be indeking arked and located in a position that is ready accessible, producted from weather and not easily secured, A suitable location could be in a internal cupboard containing a utility meter or the owner as choose to disclose the label is a more mominent location. Sustainability of the dwall in is to ha

cess road to have minimum width of 3.7m clear between kerbs, with a minimum axie loading of 14

Each apartment to have minimum activity spaces as indicated on floor plans. Minimum height within activity space to Kitchen & Enhance Apartment to be 1.8m from floor level.

Provide minimum internal drying space, as indicated on floor plans. The designated space should have a volume of at least 1m² and should have no dimension leas than 700 mm. The designated space should allow space for at least 1.7m of dothes line per apartment. Provide minimum external drying space of at least 1.7m of dothes line per apartment. Separate area to be provide for each individual house.

A desing should be provided with in-basisting physical infrastructure to allow for the future installation of a service provider's holes or calling and associated explorment to the end of the service provider's holes or calling and associated designment. The me and the sectore the in-basisting physical infrastructure well seakly consist during through the external exploration of the underbasistic, The types, size and notify of students the sectore the in-basistic the industry between the sectore and the sectore and the sectore the sectored and the sectored basis in the underbasistic, the types, size and notify of students the sectored basis in the underbasistic through the sectored basis in the sectored downwards to the outdate by prover the possibility of water ingress and be fitted with analitable temporty are associated to the notify of basis in the student with student be through as all both on the just basis in the student with an analitable temporty are set basis. Best of the student basis in the student basis the student basis in the student basis in the student basis and the student basis the student basis and the set of the student basis and the student basis the student basis in the student basis in the student basis and the student basis the student basis in the student basis in the student basis and the student basis the student basis in the student basis in the student basis and the student basis the student basis in the student basis and the student basis and the student basis the student basis in the student basis in the student basis and the stud

Minimum clear width of gateway to be 3.5m. Minimum width of paved access to be 900mm to primary access.

Induiting physical infrastructure in dwallings:

ustainability (sustainability label, or SL) that includes the level of sustainability fixed to the building prior to completion. The sustainability label should be inde

Minimum headroom above nitch line of stair and landings to be 2000mm

Timber Stair Construction

Total Rise - 2687mm

Site Maintenance:

Disabled Acess

General notes:

External Works:

General Notes

Energy:

Sustainability:

The statement of sus

Fire Fighting Access

Apartments:

Drying Space:

and 40x40 intermediate timber balusters (whole flight of stairs and first floor landing Site Security:

Disabled access to be provided to whole of ground floor

Stair construction shall be constructed in accordance with BS585 Part 1: 1989 and Part 2: 1985

The hot water system must be inspected, commissioned and tested in accordance with manufacturer's instructions to ensure optimum efficiency in the conservation of fuel and power.

Written information must be provided for the use of the occupier on the operation of the hot water service system to encourage optimum efficiency in the conservation of fuel and power. Pope used for the supply of hot water must be suitably invalued against hell costs. Rockwool Rocklap IAV or entimes and approved specific to water temperature and pipe demetrie to be used in accordance with multicultures iterature and in accordance with ISS 5222.2003.

Store/Fixe Wood burning Stove with an output of less than 5kW, to be installed in accordance with BS 8303; part 1 to 3: 1994. Wood burning stove confirmed as being HETAS approved and having an efficiency of 82%, tested using BS EN 13240.

The Selkirk insulated twin well flue system to be uniform, suitably gas tight, free from object resistant to corresion from combustion products all in accordance with BS 5461 Part1 1884, panel should be provided in the enclosing framing to allow for the inspection and replaceme required, through this length.

The flue is to have no intermediate openings

The fue is to be fitted with firestop space and attic insulation shield as appropriate where passing through first floor construction and root. Where the flue passes through the roof space, such as an attic, it should be surrounded be a rigid mesh that will prevent vermin from building a nest beside the warm chimney. Mesh should prevent a firm diameter sphere from passing.

Suitable access must be provided for inspection and cleaning of the flue and appliance in accordance with clauses 5.4, 9.5 and 10 of BS 8303.Part 1:1994.

Non combustible hearth to be 100mm thick in addition to the 150mm concrete floor skib to provide a total hickness of 250mm, as directed by solid total appliance manufacturer and extend 300mm tout for the front face of the appliance, extend as min. of 150mm throm the sides and rear of the appliance and and the appliance, extend as min. of 150mm throm the sides and rear of the appliance providing a min. coverall hearth dimension of 840 x 850mm. See floor plan for there details.

Every combustion anniance installation must have a label of durable material, indelibly marked to indicate its limitations of use and positioned next to the hearth/chimney/electricity meter/boilers

Provide label for fire, hearth & files, invested in a resilion that will not be easily obscured

rovide lace for fire, hearth & Ikue, located in a position that will not be easily obscured. I habed should be indebibly marked and contain the following information: the location of the hearth, fireglace (or file box) or the location of the beginning of he flue; a chinney designation afting in accordance with B Str. 1443. 2003 (see dause 3.182.) for roducts whose performance characteristics have been assessed in accordance with 8 turopean tandard and that has been supplied and marked with a designation as described in the relevant of the standard and that has been supplied and marked with a designation as described in the relevant tandard and that has been supplied and marked with a designation as described in the relevant tandard and that has been supplied and marked with a designation as described in the relevant tandard and that has been supplied and marked with a designation as described in the relevant tandard and that has been supplied and marked with a designation as described in the relevant tandard and that has been supplied and marked with a designation as described in the relevant tandard and that has been supplied and marked with a designation as described in the relevant tandard and that has been supplied and marked with a designation as described in the relevant tandard and that has been supplied and marked with a designation as described in the relevant tandard and that has the supplied and that that the designation as described in the relevant tandard and that has been supplied and that that the designation as described in the relevant tandard and that that the designation as described in the relevant tandard and that that the described tandard tandard that the described tandard tandard that the tandard tandard that the described tandard tan

opean Standard; the category of the flue and generic types of appliance that can safely be accommodated; the type and size of the flue (or its liner); he installation date.

Drainage below ground level:

Dramage befow ground prote: It is not known of any existing drainage passing through the proposed site, however, any existing field drains or ground water encountered during operations to be investigated immediately and remedial works to be detailed and submitted to Building Control prior to remedial work commencing.

All new drainage to comply with Section 3.7 of the Building Standards (Scotland) Regulations 2015 and sanitary pipe work should be constructed and installed in accordance with the recommendations in BS

Sanitary processors and a second and a second ance with the manufacturer's instructions All new drainage to be fitted in accordance with the manufacturer's instructions

Unless otherwise specified, all underground drainage from disconnecting manhole(s) and around building to be 100mm/2. All new manholes to be constructed with access fittings, provided with covers and in accordance with and with the recommendations in BS EN 752:2008.

Drainage above ground level: All above ground drainage to comply with BS EN 12056-2:2000 and connections to comprise of

100mm/2 SVP's to be connected to underground system at a gradient of 1:50 and to have 200mm/2 slow bend at base. Hand holes for access at every floor level and rodding accesses at all changes is

68mm/Ø RWP's to be connected to underground system at a gradient of 1:100 and trapped prior to connection to main drain for combined system. Hand holes for access at base of stacks.

SVP stacks to be terminated at the roof stope by means of Glidovale Premine In-Ine State Ventilizor (or similar approved) with integral attent marge intext screen, and AA for enables of DB 478: Bea13: 2004, Size and colour to match note covering and to be installed with Glidovale Underlay Opening Protector, Sol Universal Advortar and Hexbel Pipe. Fix in accordance with manufacturers instructions.

Test for syphonage and fit anti-syphon traps as required. Anti-syphon trap to be fitted to first floor who. All fittings to have deen seal trans

admittance valves to be 100mm or 50mm if required and to be fitted above flood level. Vents to be of to any AAV boxing, AAVs to have agreement certificate and fitted in accordance with the commendations in 85 EN 12302: 2002.

All ventilation to comply with Section 3.14 of the Building Standards (Scotland) regulations 2014.

All naturally ventilated rooms to have more than 1/30th of the respective room area as openable

Mechanical ventilation to Utility room to provide a minimum of 30 litres/sec, with an intermittent

Mechanical ventilation to Enjavites and WC to provide a minimum of 15 Breasteen with an intermittent

Mechanical ventilation to Kitchen above hob to provide a minimum of 30 Itres/sec. with an intermittent extraction

This entropy is excipated and to be RH 6Merging the guidance in Accentration Technical Contract 2015 for the France Argo presentation of the second strategies and the second strategies and the second strategies and the second strate and the second strategies and the second strate and the second strategies and the second strate and the second strategies are completed to the second strategies and the second strategies and the second strategies are completed to the second strategies are the second strategies are completed to the secon

Trickle ventilation designed for fabric infiltration rates assumed to be 5m³/b/m²

All rainwater pipes and outlers to comply with BS EN 12056-3:2000 and comprise of:

No joists or structural timbers to be cut for the passage of drains or waste pipes.

Downpipes: Min. 68mmØ uPVC Gutters: Min. 115mmØ half round uPVC

Shower traps to be fully accessible

Ventilation works

Limiting Air Infiltration

General Notes:

All baths/showers to be fitted with anti-scald valves.