SUMMARY OF NOTES:

BUILDING CONTROL

Building Control Officer (BCO) is to advise/ inform architect during Building regulations, if the proposed development is near a public sewer, in a contaminated or radon area, in a flood zone, in jointed over DPM on 1200 Gauge polythene DPM, tide in to DPC and lapped with existing DPM 🔨 Celotex Thermaclass 21 (or equiv.) PIR rigid insulation boards (use self-adhesive breathable tape extremely windy area or if any other special design is required for the proposed development that on 150mm concrete slab with A393 mesh in top, min. 150mm Type 1 granular infill + max. 150mm at all joints and wall ties locations as per manufacturer's instructions) with SureCav25 creating is characteristic/ necessary in the local area.

GENERAL NOTES

- The contractors are responsible for checking all information and dimensions on site before any orders are placed and/or commencement of construction work. - All foundations to SE design and details. Foundation details are subject to site findings.

All concrete work to SE design and details

- Structural stability of the building to S/E design and details. - All steelwork to SE design and details. Steelwork sub-contractor to be responsible for taking all FW DRAINS necessary site measurements prior to fabrication to ensure the correct fit of the new works on site. - Contractor to check feasibility of the proposed drainage system at a very early stage, prior All structural steelwork to be dry fire cased to comply with the latest Building Regulations. Where commencement of work.

concrete encasement is required the steelwork is not to be painted. All structural timbers to SE design and details

 All load bearing masonry to SE design and details - All structural elements are shown indicatively, refer to SE details for setting out.

- Refer to Structural engineer's design, details, specifications and calculations Contractor to verify all levels and setting out and to determine all dimensions and relationships

on site before fabrication commences - Contractor to be responsible for the design and supply of all temporary works. (i.e. bracing, propping, shoring, tying, etc.) and the security, stability and safety of the building during works. - Contractors and tradesmen are responsible for site safety and Health&Safety and should be able to provide COSHH certificates where required.

CONSTRUCTION DESIGN & MANAGEMENT CDM REGULATIONS 2015:

'Principle Contractor' deemed to be responsible for H&S on site, undertaking all duties on behalf of the 'Client'. Contractor to organise F10 form and submit prior to commencing of work on site. H&S file to be available at all times with all necessary Risk Assessments in place and for appointed

QUALITY OF WORK

sub-contractors.

All materials and workmanship shall be in accordance with the latest Building Regulations approved documents, the latest British Standards and to the satisfaction of the Building Inspector. of Approved Document H. The works must be carried out in accordance with all relevant planning conditions. - All proprietary products and materials are to be installed, fitted and used in accordance with manufacturer's details, instructions, recommendations and advice. The designer to be advised of

any conflict identified before work proceeds. Contractor for structural elements should always refer to SE (Structural Engineer's) drawings.

Architect's drawings show structural elements/plans for illustration only - All timber to be pressure impregnated with preservative and cut ends treated and comply with

- Contractor to form openings for all works existing and proposed windows and doors. Contractor

to make good all impacted areas following completion of the works. - Top of all cavities to be closed with non-combustible material. - Use moisture resistant type plasterboard in high moisture areas e.g. Bath/ Shower/ En-suite/ Utility/ Kitchen/ Laundry) with all joints taped and filled and apply 2x coats of Gyproc Drywall

DEMOLITION WORKS

Locate and make safe all services. Disconnect, seal and remove all redundant pipes, cables, conduits, etc. Provide protection to all remaining services throughout contract. Remove all walls, fixtures and fittings as shown, providing temporary support and bracing as required. NOTE: Contractor to check all setting out dimensions before work commences. Dimensions if mentioned to be read not scaled.

FOUNDATIONS

- All as per Structural Engineer's details, design and specifications. S/E to confirm that the structure has been designed to take into consideration ground conditions and surrounding tree - Any trees within 20m of the new foundations to be identified and the impact of the depth and type of foundations should be considered prior to commencing of any work. Arboricultural Impact

Assessment to be provided where requested by BCO. Designed to suit soil conditions and to conform to NHBC practice, Note 4.2 'Building Near Trees'. Foundations min. 500mm below lowest root and to BCO approval. - All subject to BCO approval and site inspections.

- Also foundations to be taken below invert level of drain pipes.

Sealer to improve moisture resistance of plasterboard.

if applicable build eccentric foundations (subject to S/E design) at the boundary line. The whole structure (foundations, walls, roof) to be on the client's side of the land.

Part C Site preparation and resistance to contaminants and moisture

- Provide radon barrier. - The radon membrane should be made from virgin plastic and be a minimum thickness of 16 gauge/400microns. This needs to be sealed to adjacent structures/or membranes in the existing

- As the radon gas will need to be able to vent out to atmosphere the retaining wall (South elevation) tanking detailing will need to allow for this in the design.

GROUND FLOOR

Concrete Screed: 75mm sand/cement concrete screed on 500 Gauge polythene separation membrane on 25mm perimeter insulation and on 100mm Celotex GA4000 (or equiv.) insulation boards tightly butt

max. 600mm altogether otherwise use Beam&Block.

- Allow for floor finishes. New and existing floor levels to align - Cavity insulation to extend below DPC level by min. 150mm (optimum 300mm).

- Minimum 225mm cavity clearance below DPC.

- Proposed approx. U=0.17W/m2K - complies (required for new fabric elements in existing dwelling U=0.18 W/m2K)

- Contractors to investigate existing below and above ground drainage at a very early stage, prior to work commencement to check existing drainage arrangement. Any discrepancy or irregularity to be reported to architect and to structural engineer) also referred to as S/E) immediately. - Proposed above and below ground drainage system to be discussed and agreed with client. - Proposed drainage system to be agreed, checked and approved by Building Control officer

(BCO) on site. Contractors to fully design new above and below ground proposed drainage system and connections with existing drainage system following the latest Building Regulations (Part H) along - DPC to be min. 150mm above finished ground level and to be well lapped where meeting

with Structural Engineer's drawings and local water board conditions. - Trace existing and remove/ grub-up or seal as required redundant drainage. - At commencement of works the invert of the existing I.C.s is to be established and invert of new - Insulated foilbacked plasterboard (moisture resistant in wet rooms) to window/door reveals in

I.C.s is to be determined. The contractor is to check and agree drainage inverts with the BCO before starting drainage work. - Position of all new sanitaryware, sinks, kitchen and utility appliances which require water supply window sills, gas/ electric meters, etc..)

and waste connection to be discussed, agreed and confirmed on site between contractors and client prior to drainage 1st fix. - All below ground pipes to be min 100mm dia, underground plastic drains, have access points for <u>Where new walls abut existing:</u>

rodding and laid to min. 1:40 fall (or 1:80 where serves one or more WC) surrounded with 150mm Allow Furfix, or similar approved, movement joints, fully fixed in accordance with manufacturer's suitable granular material and with concrete cover over where under building and hard surfaces instructions or when in shallow depth, in accordance with Diagram 7 of Approved Document H - Provide concrete lintels over drains where passing through walls in accordance with Diagram 7

Drainage installations and alterations shall be made in accordance with Approved Document H - New 450mm dia Inspection Chambers as shown on plans. Proprietary cover.

SVP to terminate min. 900mm above any opening within 3m. Preferably through a vent tile. - Base of SVP to have rodding access.

RW DRAINS & SOAKAWAY

- To be designed by contractor and approved by BCO.

- Either connect to existing (subject to BCO approval) or provide a new soakaway min. 5m from any building - subject to soil type, all designed in accordance with BRE Digest 365. Use pre-fab geocellular crates wrapped in geotextile and surrounded by hardcore. Use silt filter trap before discharging to soakaway. Contractor to carry out soil percolation test to determine design and depth. Best route and location to be identified on site by contractors, discussed and agreed with client. Proposed layout and design of soakaway to be approved by BCO prior to construction. - SW ground pipes to be min 100mm dia, underground plastic drains, have access points for rodding and laid to min. 1:100 fall (or 1:150 for 150mm dia) surrounded with 150mm suitable granular material and with concrete cover over where under building and hard surfaces or when in - For other masonry (concrete, stone, etc.) = 10mm shallow depth in accordance with Diagram 7 of Approved Document H.

EXISTING WALL (between Garage and Utility) to be improved to a maximum u-value of 0.30W/m2k by the addition of 62.5mm PIR insulated plasterboard.

NEW EXTERNAL STONE CAVITY WALLS Construction has approx. U=0.18W/m²K = complies

in Conversions/Extensions: required max. U=0.18 W/m²K, (as per BR AD L1a, Table 4.2) - Outer leaf of 100 or 150mm stone (to match existing), 100mm cavity partially filled with 90mm thick layers of Type 2 to remove made ground/ soft spots (TBC by SE). Thickness of gravel infill min. 25 mm residual cavity (all installed in accordance with the manufacturers' instructions) with inner leaf of 100mm Thermalite Shield (or Celcon or equiv.) lightweight blockwork strength (lambda 0 15W/mK) to be 3 5N/mm² above DPC (7 3N blocks below DPC) subject to SE - Ventilation to the Surecav25 cavity should be provided in accordance with the manufacturer's

recommendations i.e. 1500mm2/m using both low level and high level perp ventilators. The number required will be subject to the free area provided by the product chosen. Finish externally: Stone facade - Stone to match existing

Finish internally: with 13mm lightweight plaster.

Wall ties to be spaced: - in general wall area - max. 900mm horizontally and max. 450mm vertically. - at jamb openings, movement joints, parallel to the top of the gable walls, etc. - max. 225mm horizontally and max. 300mm vertically.

Below DPC level use: - material to match existing and to be frost resistant.

Damp proofing of the wall where in contact with the soil: o specialist design.

DPC's and Cavity trays horizontal existing/ new DPM. Provide Cavity tray with weep vents over DPC.

- Thermabate insulated cavity closer (or equiv.) to all opening reveals

external solid walls - Cavity trays over where cavity bridged with weep vents (eg. external lintels, stone/concrete/brick

JOINTS WITH EXISTING, MOVEMENT JOINTS

- Mastic seal externally and plaster beads either side of joint internally. - Where new cavity wall abuts existing cut existing masonry leaf vertically and insert insulated

- Movement joint to start from top of foundations and run the full height of the superstructure masonry wall.

Additional expansion movement joints: (1) if DPC is less than 600mm above ground level - expansion movement joint to start from DPC

(2) if DPC is more than 600mm above ground level - expansion movement joint to start from top

(3) if <u>major change</u> in foundations, between foundations of different designs, at variation of height of the building/ walls - movement joint to start from top of foundations. (4) if S/E designed a movement joint in the foundations then this movement joint is to be continued up through the superstructure.

Material of movement joint: - for Concrete blocks/bricks (hemp, fibreboard, cork)

- to perform effectively a sealant in a movement joint should be applied against a suitable debonding joint filler/backing rod so that sealant adheres only to the two opposing masonry faces. Width of joints:

Wall ties at movement joints: - max. 225mm from movement joint each side and max. 300mm spacing vertically.

FIRE DOORS

Internal Fire Doors - Firedoors to be for existing doors which are to remain min. FD20, but any new and replaced doors to be FD30, to have 3x hinges, intumescent strips. Garage Internal Doors (between House and Garage)- min. FD30, to have 3x hinges, intumescent strips, cold smoke seals, self-closing device (lever arm type unless the door manufacturer has a fire test using a Perko type closer. House floor to be min. 100m above Garage floor level or alternatively Garage floor is to slope from the door towards outside.



foudations

STEELWORK -All steelwork to Structural Engineer's design, details and instructions. Fire protection to steelwork supporting roof and floors to consist of 1 laver 12.5mm Gyproc Fireline board, all fixed in accordance with manufacturer's instructions, to give min 30mins. fire resistance. - fill metal beams with mineral wool slabs to increase its fire resistance. - if feasible, construct flush ceilings.

 Existing Plies and existing roof structure to remain (subject to S/E). Contractor is to check condition of existing roof of structure to remain (subject to S/E). Contractor is to check condition of existing roof of adready insulated, if not provide: min. Storm Gave verifiated anway throughout the roof. Provide ain inlet at eaves and ridge level with insect protectors. (e.g. over fascia verifiated arise) throughout the roof. Provide ain inlet at eaves and ridge level with insect protectors. (e.g. over fascia verifiated arise) throughout the roof. Provide ain inlet at eaves and ridge level with insect protectors. (e.g. over fascia verifiated arise) existing and subject or trays) Eaves to be fully filled with insulation with rafter verifiator. (2) 100m "Celetic GA4000" (or equiv.) PIR rigid insulation boards liad between rafters. Underlay rafters usult 70m "Celetics GA4000" (or equiv.), with joints taged as Xiguour Cortrol Layer and 12.5mm Cyppoce Fieline plastethoad (Cyproc FRMR) fire & moisture resistance of plastethoad. Proposed approx. U=0.15W/mX- complies (required for new fabric elements in existing dwelling U=0.15 W/mX). (Depth of insulation determined by contractor on site). Fibed Roof iside - Wall abutment: provide 150mm upstand with lead Code 4 soakers, Code 5 flashing with breathable membrane to be turned up behind flashing and a cavity tray to suit wall condition. NEW COLD FLAT ROOF (vertilation required) Construction has approx. U=0.15W/mX - comples in conversions: Existence of Ad4000" (or equiv.) PIR rigid insulation bards between plasts, 1ghtly but 1pinted with aga as filled. Underlay plasts with 70mm "Celetics GA4000" (or equiv.) PIR rigid insulation bards between plasts, 1ghtly but 1pinted with agas filled. Underlay plasts with 70mm "Celetics GA4000" (or equiv.) PIR rigid insulation bards between plasts 1ghtly but 1pinted with agas filled. Underlay plasts with and agas fore Ad4000"	 STEELWORK All steelwork to Structural Engineer's design, supporting roof and floors to consist of 1 laye accordance with manufacturer's instructions, - fill metal beams with mineral wool slabs to ir - if feasible, construct flush ceilings. LINTELS All to S/E design, instructions and details. C with min. 150mm (or as specified by S/E) end use thermally broken Catnic lintels in exteric baseplate then underlay it with 37.5mm insult plastering mesh or tape as applicable betwee - Weep holes @ 450mm c/c or min. 2 No. per - Provide additional Ruberoid tray over lintels All installed in accordance with manufacture - Where forming new openings, allow all temp detail) and make good all disturbed surfaces: GLAZING New glazing in critical locations (i.e. any gla etc.) to be to BS EN 12600:2002 and Approve NEV EXTERNAL WINDOWS AND DOORS Timber to match existing and to be double glabetween panes. Doors & Windows : max. U=1.4 W/m²K, provic completion to BCO. All windows and doors to have external wat and internal Vapour&Air tight seal tape, all as - if applicable, Insulated foilbacked plasterboar reveals in external solid walls. Security: Windows to have window locks and Security lock system to be provided to all doct Fire safety: Minimum clear size of opening for 'NW(FE)') is 450x750mm and vertical positio floor level to be max. 1,100mm in accordance Background ventilation: Closable trickle ventil 8000mm2 (dwelling with multiple floors), Othe Purge ventilation: Hinged or pivot windows th area 1/20 of the room floor area (area shown DOURS) Sizes are indicated on the roof plan. Client to be consulted for type, operation an Double glazed roof windows fitted and insta instructions. in Conversions/Extensions: required min. U Double up and/or triple up joists/rafters as to Allow for proprietary flashing etc. Line intermally with 25mm Celotex insulatior plasterboard (Gyproc FRMR fire & moisture	details and instructions. Fire protection to steelwork r12.5mm Gyproc Fireline board, all fixed in to give min 30mins. fire resistance. athic (or equiv.) lintels and galvanised steel beams or walls otherwise, if lintel/ beam has continuous ated foilbacked plasterboard internally. Provide n different materials. "lintel. in external walls. "'s instructions. borary support where inserting new lintel (to S/E to match existing. zing within 800mm of floor level or 1500mm to doors ad Document K. azed with low E glass, 16mm Argon filled gap de a manufacturer's certificate of confirmation at ar tight seal, intermediate thermally insulating seal per manufacturer's guidance. ard (moisture resistant in wet rooms) to window/door comply with Fire Escape specification. rs (Type TBC by client). "Fire Escape windows (refer to on plans as n to the bottom of the clear opening from finished with AD Part B. ation to be provided, Habitable rooms and Kitchen er rooms 4000mm2. at open 30 degrees or more with a total opening on plans). d further details. led in accordance with manufacturer's details and =2.2 W/m²K, (as per BR AD L1a, Table 4.2) immers to rooflights (see S/E drawings). , Vapour Control Layer and 12.5mm Gyproc fireline esistant type in bath/shower/en-suite/utility/kitchen) mm skim to underside of ceiling.	 FIREPLACE/ WOODBURNER/ STOVE Construct new chimney foundations, chimney/flue, hearth and install new stove. A HETAS conflicted to be provided on completion to cover the construction of chimney and combusition air supply. before construction to BCO. Provide Carbon monoxide detector to rooms with wood burning appliance Contractor to provide BCO withmill details of the wood burning appliance Contractor to provide BCO withmill details of the wood burning appliance The minimum flue height should be 4500mm CHECK SOLIER A CENTRAL HEATING Heating design by a specialistic Proposed are 3: contral heating radiators in Living Boller and water tank to be chocked and if necessary replaced. If new provide a Gas fired wall mounted bolier with unvented hort water tank to fan assisted balanced flue outlet through root/ wall. Condensing overflow (montal contractors) the single contractor to the secondance with manufacturer's instructions and and you water tank to be chocked and if necessary replaced. If new provide a Gas fired wall mounted bolier with unvented hort water tank to fan assisted balanced flue outlet through root/ wall. Condensing overflow (mon bundacturer's instructions and Diagram 34 of AD Part J. All pipework to be insulated within 150mm of fittings. System to have programmer, timer and thermostat. Provide answ and provide to the concenting. Provide new radiators an extension to existing system, provide TRV's to all radiators in all mores. Provide Garbon monoxide detector to the room with gas burning appliance. Provide out was tank to an assisted balanced flue outer through the provide to be insulated by GAS SAFE registered completent person, installation certificate to be issued upon completion, a copy to be provided to the outper son, installation certificate to be issued upon completion, a copy to be provided to the corgen. Provide Carbon monoxide detector to the room with g	ELA I St Wing - 1 to - 4 12 - 7 VIM - Let the for a PUBB SI F sh - F - 1 - 1 fit PJ Arcleter PLht FI - F - F wing sv RNM LJ - 4 wind - F th
EXISTING PITCHED ROOF (ventilation required) Existing tiles and existing roof structure to remain (subject to S/E) condition of existing roof for defects (e.g. broken tiles, missing brea flashings, cleaning of the gutters, etc. and consult and agree with th Contractor to check if the roof is already insulated, in provide: min. 50mm clear ventilated airway throughout the roof. Provide air with insect protectors. (e.g. over fascia ventilators at eaves with proc. Eaves to be fully filled with insulation with rafter ventilator. (2) 100mm "Celotex GA4000" (or equiv.) PIR rigid insulation boarn Underlay rafters with 70mm "Celotex GA4000" (or equiv.) with joint Layer and 12.5mm Gyproc Fireline plasterboard (Gyproc FRMR fire Bath/Shower/En-suite/Utility/Kitchen) with all joints taped and filled underside of ceiling. In high moisture areas apply 2x coats of Gypromoisture resistance of plasterboard. Proposed approx. U=0.15W/m2K - complies (required for new fabri U=0.15 W/m2K) (Depth of insulation determined by contractor on site). If applicable: Pitched Roof side - Wall abutment: provide 150mm upstand with le flashing with breathable membrane to be turned up behind flashing condition with weep vents. Pitched Roof top - Wall abutment. Provide wall abutment ventilator abutment ventilation system) at the top of pitched roof with 150mm flashing and cavity tray to suit wall condition. 	. Contractor is to check thable membrane, missing re client any remedial work). r inlet at eaves and ridge level itector trays) ds laid between rafters. is taped as Vapour Control a moisture resistant type in and finish with 3mm skim to b C Drywall Sealer to improve c elements in existing dwelling ad Code 4 soakers, Code 5 and a cavity tray to suit wall · (e.g. Marley top upstand of lead Code 5	 NEW COLD FLAT ROOF (ventilation required Construction has approx. U=0.15W/m²K = comp in Conversions/Extensions: required max. U=0.1 Epdm on 18mm OSB3 boards (or ply to BS EN - Maintain min. 50mm clear ventilated airway thr wall abutment with insect protectors. 100mm "Celotex GA4000" (or equiv.) PIR rigid jointed with gaps filled. Underlay joists with 70m boards with joints taped as Vapour Control Laye (Gyproc FRMR fire & moisture resistant type in I taped and filled and finish with 3mm skim to unc coats of Gyproc Drywall Sealer to improve mois Roof covering to achieve AA, AB or AC rating (E Test'. Roof laid to min. falls of 1/80. A 'cold' flat roof ventilation system needs to ha opposite sides of the roof. Because air passing u partially obstructed because of the roof lights an over the firing strips to allow a cross flow South vents. Cold Flat Roof top/side - Wall abutment: min. 1 "Glidevale FV250". Cavity tray to suit wall condit dressed over Timber tilting fillet and "Glidevale F 	 Iles 15 W/m²K. (as per BR AD L1a, Table 4.2) 16 S3C, Class 3) on firrings on joists to S/E design oughout the roof. Provide air inlet at eaves and Iinsulation boards between joists, tightly butt mr "Celotex GA4000" (or equiv.) rigid insulation r and 12.5mm Gyproc Fireline plasterboard Bath/Shower/En-sulte/Utility/Kitchen) with all joints Ierside of ceiling. In high moisture areas apply 2x ture resistance of plasterboard. 35 476 Part 3 2004 - 'External Fire Exposure Roof ve the equivalent of a 25mm continuous gap on up from eaves on the rear (East elevation) is id the garage roof. Add 50x50mm counter battens to North with abutment ventilators and eaves 150mm ventilated upstand with ventilator tion with weep vents with lead flashing Code 5 FY250" ventilator. 150mm upstand, OSB3 layboards, Timber tilting aad flashing. 	

GROUND FLOOR Concrete Screed:

75mm sand/cement concrete screed on 500 Gauge polythene separation membrane on 25mm perimeter insulation and on 100mm Celotex GA4000 (or equiv.) insulation boards tightly butt jointed over DPM on 1200 Gauge polythene DPM, tide in to DPC and lapped with existing DPM on 150mm concrete slab with A393 mesh in top, min, 150mm Type 1 granular infill + max, 150mm thick layers of Type 2 to remove made ground/ soft spots (TBC by SE). Thickness of gravel infill max. 600mm altogether otherwise use Beam&Block.

- Allow for floor finishes. New and existing floor levels to align.

- Cavity insulation to extend below DPC level by min. 150mm (optimum 300mm). Minimum 225mm cavity clearance below DPC.

Proposed approx. U=0.17W/m2K - complies (required for new fabric elements in existing dwelling U=0.18 W/m2K)

type of foundations should be considered prior to commencing of any work. Arboricultural Impact Assessment to be provided where requested by BCO. Designed to suit soil conditions and to conform to NHBC practice, Note 4.2 'Building Near Trees'. Foundations min. 500mm below lowest

root and to BCO approval. - All subject to BCO approval and site inspections.

±0.000 🖵

-0.540 🖵

Assumed ex./new terrain (TBC)

FOUNDATIONS

- Also foundations to be taken below invert level of drain pipes. - if applicable build eccentric foundations (subject to S/E design) at the boundary line. The whole structure (foundations, walls, roof) to be on the client's side of the land.

- All as per Structural Engineer's details, design and specifications. S/E to confirm that the

structure has been designed to take into consideration ground conditions and surrounding tre

- Any trees within 20m of the new foundations to be identified and the impact of the depth and

RIBA 🖽

NEW EXTERNAL STONE CAVITY WALLS Construction has approx. U=0.18W/m²K = complies

Stone facade - Stone to match existing. Finish internally: with 13mm lightweight plaster.

horizontally and max. 300mm vertically.

- material to match existing and to be frost resistant.

Damp proofing of the wall where in contact with the soil:

Finish externally:

Wall ties to be spaced:

Below DPC level use:

to specialist design

in Conversions/Extensions: required max. U=0.18 W/m²K, (as per BR AD L1a, Table 4.2) - Outer leaf of 100 or 150mm stone (to match existing), 100mm cavity partially filled with 90mm Celotex Thermaclass 21 (or equiv.) PIR rigid insulation boards (use self-adhesive breathable tape

(lambda 0.15W/mK) to be 3.5N/mm² above DPC (7.3N blocks below DPC), subject to SE. - Ventilation to the Surecav25 cavity should be provided in accordance with the manufacturer's

number required will be subject to the free area provided by the product chosen.

- in general wall area - max. 900mm horizontally and max. 450mm vertically.

recommendations i.e. 1500mm2/m using both low level and high level perp ventilators. The

- at jamb openings, movement joints, parallel to the top of the gable walls, etc. - max. 225mm

at all ioints and wall ties locations as per manufacturer's instructions) with SureCav25 creating min. 25 mm residual cavity (all installed in accordance with the manufacturers' instructions) with inner leaf of 100mm Thermalite Shield (or Celcon or equiv.) lightweight blockwork strength

LECTRICAL

All works to be carried out by a 'competent person' who is a member of a self-certification cheme. CIBSE commissioning certificates for lighting and mechanical ventilation (in accordance with BS 7671) to be provided prior to completion of works.

100% of new installed light fittings to be energy efficient LED lights. Internal lighting: Any s aplite type or similar. give 30 mins. fire protection. Number and locations to be agreed with client. All electrical outlets, telephone/TV/internet points, light switches to be located between 450 and 1200 from finished floor level and the position and further details to be consulted with the client. The external lights to include a day/night sensor in the circuit.

/ENTILATION lechanical ventilation:

Jtility - EnviroVent silent 125 (or equiv.) with humidity sensor set to start at 60% of humidity evel. Wall/ceiling mounted fan operated with light fittings with 15mins. overrun period ducted nrough wall/ roof with flat-ducts (or similar) connecting to proprietary outlet. Use sound insulation r ducts. Ducts and vent to be at safe distance from gas flue. airflow min. 30L/sec)

Purge ventilation: see windows&doors

ackground ventilation: see windows&doors MOKE, HEAT DETECTORS

Provide new heat detector or smoke detector as indicated on the plans. Location on plans is hown illustratively. To be fitted and positioned in accordance with manufacturer's instructions. Existing system to be checked and if necessary replaced with new fire detection/alarm system. To be grade D - Category LD3 (BS 5839 - 6:2019). To be mains operated and interlinked with battery back-up and sited min. 300mm from any light

PARTY WALL ACT 1996

Any work that affects any neighbouring structure (Party wall, fence etc.) or excavation work that is lose to a boundary may require you to give notice of your intentions as defined by The Party Wall etc. Act 1996. A plain English guide to your obligations under the Act is available to view on the lanning Portal

http://www.planningportal.gov.uk/buildingregulations/buildingpolicyandlegislation/currentlegislation/partywallact INISHES

Finishes to be in accordance with the approved Planning drawings Refer to Client for all finishes and details floor, wall, ceiling finishes including tiling, skirting, vindow/ door type and handles, cabinets, fittings, landscape layout, electrical lighting and witches and its location, etc.

RW GOODS, SOFFITS/ FASCIAS/ RWDPs and GUTTERING

Material and colour to match existing. ANDSCAPING

- All landscaping works to be discussed and agreed with the client. If patio is proposed to be flush with GFL contractor is to ensure flush threshold and ACO aluminium drain (including maintenance ccess points as required) connected to below ground drainage. Position of new retaining walls to be discussed with the client. If damp proofing is required than his is to be designed by others.

Main cont		1	2	- 3m
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Gen	eral key:			
		Existing struc	tures	
		New structure	As existing unde	пау
		- New foundation refer to S/E dra	ons - for all found awings and details	lations s
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Ð 1	RWP+RG	- Proposed FW - Rain water pi	/ (foul water) drai pe + Roddable g	ns ully
	· · -	- Proposed RV	V (rain water) dra	ins
Hea ₀	<u>ting key:</u> ⊸ [™]	- Radiator / To	wel rail	
Fire	strategy	key: - All doors (inc	luding bathrooms	s) leading
		New doors to b - All structural	be route to be m be FD30. Walls/ Ceilings/ F	n. ⊑∠0. Roofs and
		all walls enclos to be min. 30 r	sing fire escape r nins. fire resistan	oute t.
SD		- Smoke / Hea - Provide Carb	t detector (appro:	<pre>k. position) ector</pre>
ND (F	-D30) / ND	to rooms with t - New fire door	fire burning applia r / New door	ance if any.
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- A Rev.	JAN 24 Date	- BR note:	(Fire Escape typ)	e) / New windd
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- A Rev.	JAN 24 Date	- BR note: PSK Chelte	(Fire Escape type)	e) / New windd
- A Rev.	JAN 24 Date	- BR notes PSK Chelte Cheltes Tel Offer	(Fire Escape typ)	e) / New windd
- A Rev.	JAN 24 Date	- BR notes PSK Chelte 41 Batt Chelte GL53 Tel. 0124	(Fire Escape type (Fire Escape type) (Fire Escape t	e) / New windd
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- A Rev.	JAN 24 Date Date	- BR note: PSK Chelte 41 Batt Chelte GL53 Tel. 01242	(Fire Escape type (Fire Escape type) (Fire Escape t	e) / New windd
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