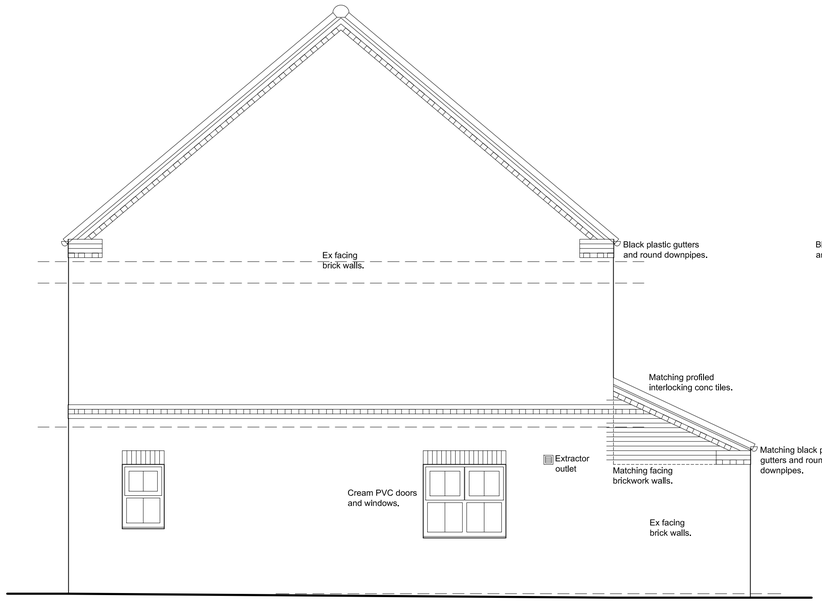
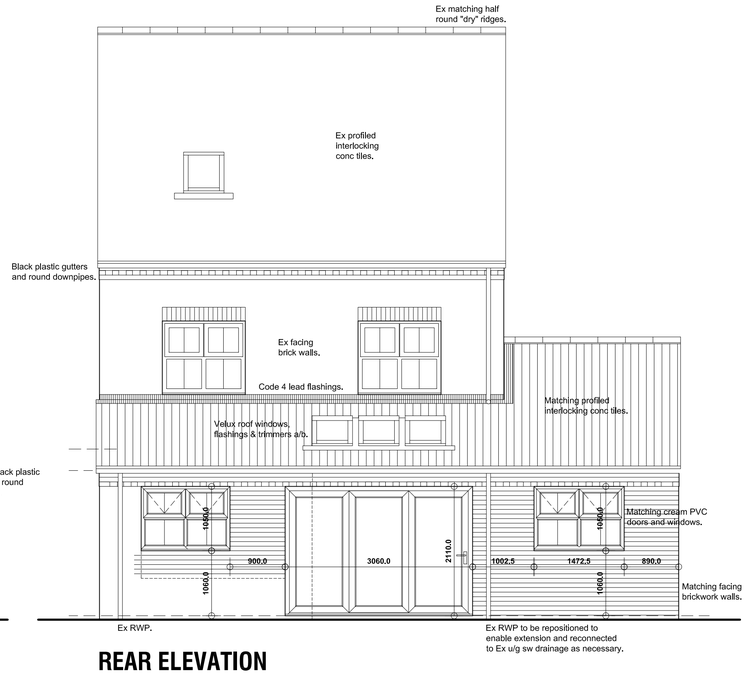
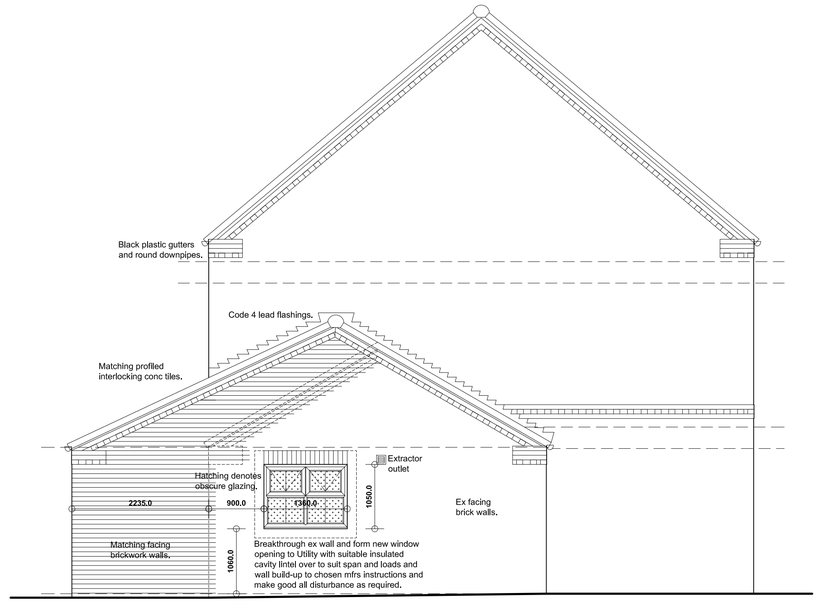


SIDE ELEVATION L



REAR ELEVATION



SIDE ELEVATION R

GENERAL:-

FOUNDATIONS:-
Foundations to be constructed at 600x225mm to new cavity walls off good ground with at least 600mm cover subject to depth of existing to be linked/connected to and below any adjacent drainage. Generally foundations and excavation works to be subject to the approval of LA Building Control Officer.

WALLS BELOW DPC:-
Standard foundation quality blockwork, solid, with strength 7N/mm². All cavity walls to have GEN 1 designated mix concrete filling up to 150mm below lowest DPC.

DAMP PROOF COURSES:-
Horizontal DPC to all walls. DPC`s to external walls to be min 150mm above external ground level. Tray DPC to be installed above all lintols, meter boxes and air bricks with perpend weep holes at max 450mm c/c. Tray DPC's to rise min 150mm across cavity. All DPC`s to be min 2000 Gauge.

EXTERNAL CAVITY WALLING:-
External leaf in 102.5mm facing brick to match existing in every respect. Internal leaf of 100mm 4.2N/mm² solid lightweight conc blkwk. Generally provide 100mm structural cavity with 50mm partial fill cavity insulation board such as Kingspan Kooltherm or an equivalent built-in as work proceeds, BBA certified, in conjunction with 32.5mm K118 insulated p/b linings internally to achieve overall U-Value of approx 0.18W/m²°c. Stainless steel cavity wall safety ties at 750mm horiz c/c, 450mm vert c/c and every block course vertically at reveals within 150mm of reveal. Close cavity around all openings with proprietary insulated combination dpc/closer such as Cavity trays Cavi90 or other equal and approved to prevent cold bridging. Cavity to be closed at head of cavity wall. Provide and Install all necessary dpc's as specified before.

LINTELS:-
All lintels to cavity walls, unless specified otherwise, to be CATNIC Cougar insulated steel cavity lintels, or other equal and approved, BBA certified and suitable for the spans and loads supported with min 150mm end bearings in accordance with manuf'rs recommendations. Provide tray DPC over as before.
Openings with particular lintel requirements indicated on the drawings.

INTERNAL WALLS:-
Non-Loadbearing Internal walls to be constructed in 100mm solid lightweight blkwk with NAYLOR P100 conc lintels over any openings on dpc off conc floor and non L/B partitions to be constructed in 75x50mm SW framing, unless specified otherwise with head and sole plates and all necessary studs and noggins with 12.5mm *Gyproc Wallboard 10* with skim finish to both sides and full fill mineral fibre insulation to cavity with min 10kg/m³ density. Provide double joists under stud partitions where running parallel with floor joists.

WINDOWS AND DOORS:-
All new & any replacement windows to be high performance cream pvc to match existing in every respect, double glazed with HP DG units Incorporating gas filled cavities, "warm spacers" & low-E glass to ensure max 1.4 W/M²°C U-Value, fully draft sealed, with opening lights as indicated giving min 1/20th floor area natural ventilation, Trickle vents to be provided to give min 5000mm² to habitable rooms and 2500mm² to all other rooms.

GLAZING:-
All glazing to comply with Approved Document K of Building Regs and to BS 5713:1979 and BS EN 1279.
Obscure glazing to all bathrooms and WC`s.
All glazing to critical areas to be Kitemarked safety glass as follows:-
Windows with cill height less than 800mm from internal floor level.
In doors and adjacent side screens to all areas below 1500mm from finished floor level.
All windows and doors to be fully draft sealed.

MECHANICAL VENTILATION:-
Provide the following extract rates:- **Kitchen** - 30L/Sec in cooker hood or 60L/sec otherwise; **Utility -** 30L/sec.
Mechanical extract to be manually activated generally and, in any windowless accommodation, to be wired thru' lighting circuit with min 15 minute overrun in conjunction with 10mm undercut to room door for replacement air.

SD/HD

FIRE SAFETY:-
If not already present provide self contained smoke alarms, interconnected, and all wired on an exclusive mains circuit with battery back-up. Incorporate mains indicator light and manual test button. Smoke alarms to be provided no more than 7.5m away from any doors into habitable rooms with at least 1No alarm on all floor levels. Install heat detectors to any kitchens which are open to the hallway/stair enclosure. Any new first floor windows to habitable rooms to be provided with escape windows of min area 0,33m² with a minimum clear opening height or width of 450mm (ie min clear openings of 450 x 735mm or 735 x 450mm).

ABOVE GROUND DRAINAGE:-
All sanitary fittings to have pvc wastes of the following sizes:
WC's - 100mm dia in black pvc.
Basins - 32mm dia or 40mm if greater than 1.7m from outfall connection.
Sinks & Showers - 40mm dia.
All wastes to have 75mm deep resealing traps.
All fittings to connect to SVP above or at least 200mm below any WC entry.
Rodding points to be provided to any lengths of drainage which cannot be reached from any other part of the system.
Any branch pipe discharging to a gulley to terminate below grate level but above water level.

HEATING AND HOT WATER:-
Existing gas fired central heating system to be adapted extended and improved to suit by a registered plumbling contractor including relocating boiler from Kitchen to Utility. All primary pipework to be insulated in accordance with current regulations.
Heating system to be controlled by thermostatic rad valves.
All non-room sealed heating appliances to have permanent ventilation to relevant rooms in accordance with manufacturers requirements.
Space heating control system to comply with regulation G3, British Standards and Codes of Practice.
No combustible material to be installed within 40mm of any flue.

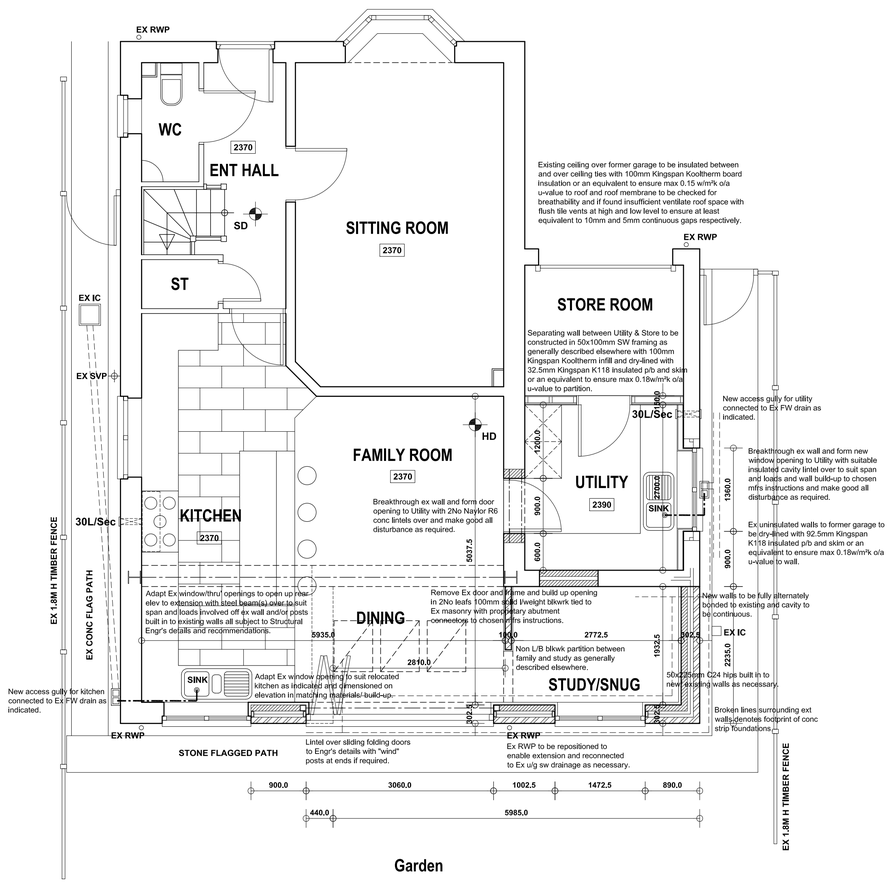
INTERNAL LIGHTING/ ELECTRICS:-
New Internal lighting to be in accordance with Approved Document L1 and to incorporate in all positions high efficacy lighting fittings with lamps giving min luminous efficacy of 75 "light source" lumens/circuit-watt.

All new electrical work to be undertaken in accordance with latest edition of "Wiring Regulations" (BS7671.) by qualified/ certified electrician operating under an approved "competent persons" scheme.

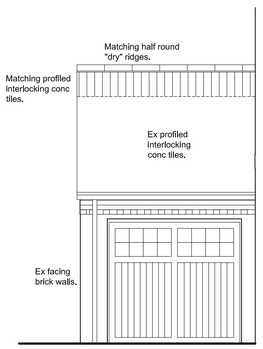
Conditional Approval requested for the following:-

**** Structural calculations & details from Structural Engineers.***

All details to be submitted to and approved by Building Control Authority Prior to commencing on site with the relevant section of work.



Garden



FRONT ELEVATION

Revision	Date.	Description.
-	--/--/----	-

PROPOSED EXTENSIONS & ALTERATIONS, 4 TUNSTALL CLOSE, WOMBWELL, BARNSLEY, S73 0LQ.

DETAILED PROPOSALS 1

Plans & Elevations.

Mr & Mrs Hartley.

Building Design Services

JE Architectural Ltd
23 Windmill Road, Wombwell,
Barnsley, S73 8PW.
Tel: 01226 754507
Email: jealtd@btconnect.com

This drawing and the copyright is the Architectural Company's property and maybe used or reproduced only by agreement. All Dimensions in Millimetres Unless specified otherwise and subject to verification on site.

Scale: 1:20/50 @ A1	Date: JULY 2022
Ref: 202132	Drwg No: 02

0 cm | 2 cm | 4 cm | 6 cm