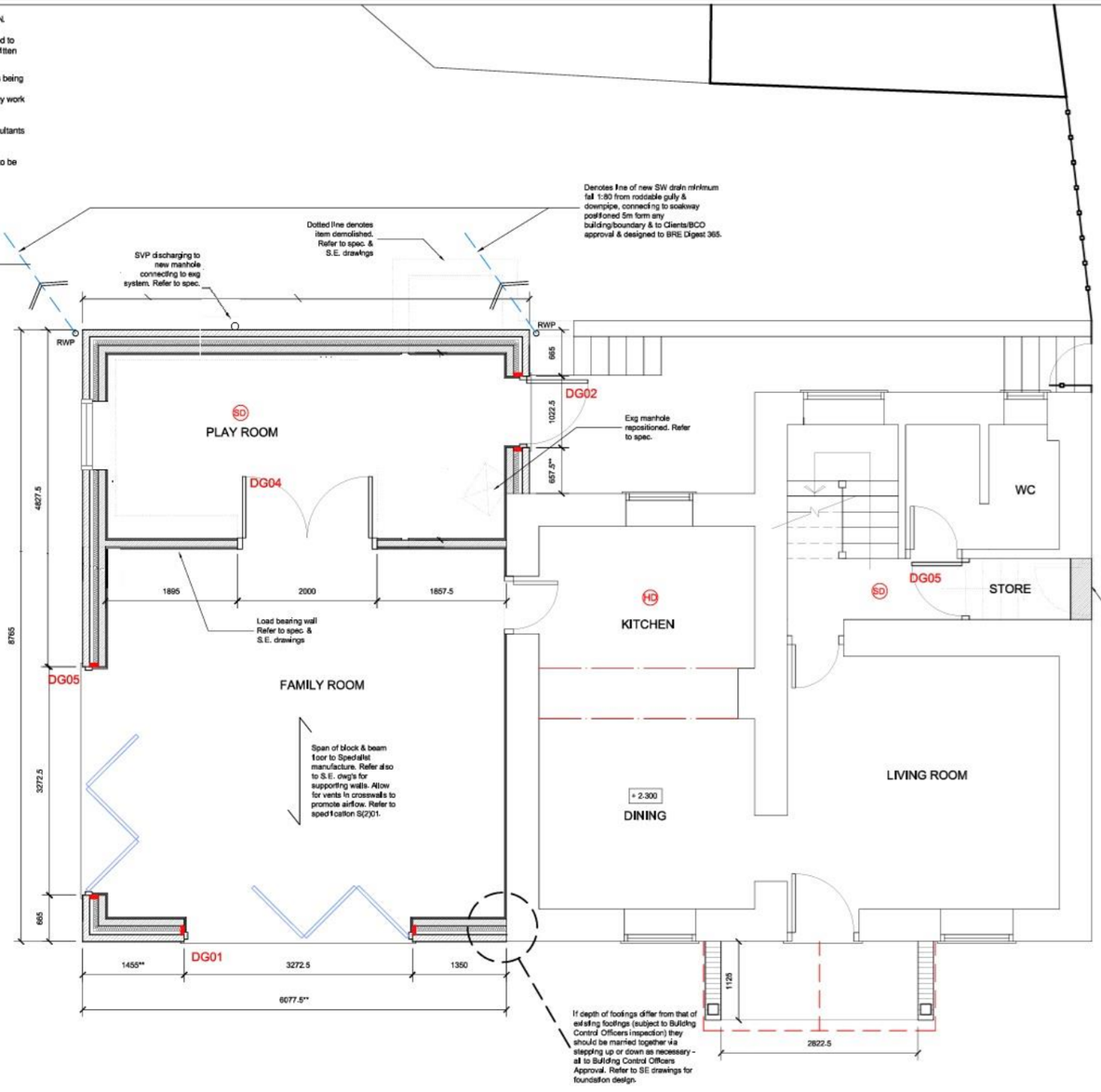
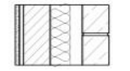
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1. All dimensions to be verified on site prior to any shop works being commenced.
2. Any discrependes to be reported to the Designer before any work is put in hand.
3. Do not scale from this drawing.
4. This drawing is to be read in conjunction with relevant consultants and specialists drawings.
5. This is a metric drawing.
6. Dimensions indicated thus "*" are site dimensions and are to be adjusted onsite by the Contractor accordingly.





Wall construction : U-value - 0.21W/m²K

Construction	Thickness
Concrete Render	100mm
Unvent cavity Low Embod+ty(BuwCon9)	50mm
Cavity Insulation	75mm
Concrete Blocks	100mm
Plaster dab cavity & Plasterboard & Skim	15 + 12.5mm + 3mm extra

Refer to Building Regulation Notes/Specification for general construction.
IMPORTANT! Dims marked thus ** are approximate site dims and are to be checked on site by the Contractor and adjusted as required.

Ensure that switches and sockets outlets for lighting and other equipment in 'habitable' rooms are set out at appropriate heights between 450 & 1200mm from finished floor level.

SANITARY/DRAINAGE NOTES:

Above slab level sanitary drainage designed and installed to meet the requirements of BS5572: 1978 using upvc pipework.
Wastes to discharge into existing vertical stack through boss pipes and branches, basin waste 32mm diameter fitted with 75mm bottle trap and WC connecting with 100mm multi-kwik adapters. Soil pipes to be fitted with access saddle for rodding purposes, All wastes and pipes to be adequately supported at maximum vertical centres of 2.0m and 1.0m horizontally.
Wastes from w.h.b.'s to be fitted with anti-vac traps.
Positions shown on plans are indicative only and all depths locations etc are to be determined on site and any discrepancy to be reported to the designer immediately.
Any drainage running under the building, where the crown of the pipe is within 300mm of the underside of the slab, concrete encasement should be integral with the slab.
Any drainage running under the building to be encased in min. 150mm concrete surround.
All drainage to accord with BSEN 295.
Drainage running through the footings are to be protected by a re-inforced pre-cast conc. lintel over, providing 50mm space all around the pipe.
Mask opening both sides of the opening with a rigid sheet material to prevent entry of fill or vermin.

IMPORTANT: Fill any voids with compressible sealant to prevent entry of gas.
All external drainage to be proprietary pipework as detailed on drawings.
All pipe runs, inspection chambers and manholes to be bedded and surrounded in strict accordance with the manufacturer's recommendations.
Generally, 150mm dia PVC pipework to BS 4660:1989 with flexible joints laid to minimum 1:40 fall for foul and 1:80 for surface and bedded on 50mm layer of 10mm granular material, PPIC's (100's and 150's) to BS 7158:1989 up to max 930mm deep and encased in 150mm concrete to manufacturers recommendations.
Any drainage trench within 1m of the foundation shall be filled with concrete at least to the level of the underside of the foundation.
All lengths to be tested as works proceed and with the approval of the Building Control Officer.
All surface water drainage from new rwg's to connect to soakaway min. 5m from the building.
Soakaway to be in accordance with BRE Digest 365 and sized appropriately.
Contractor to allow for permeability test.
NOTE: FW drainage to run under SW system in all cases.

SMOKE/ HEAT DETECTORS (*IF NOT ALREADY PRESENT*)
Self-contained interlinked fire detectors are to be positioned in ground floor circulation areas and to be permanently wired to a separately fused circuit at the distribution board. They may operate at low voltage via a mains transformer. The wiring installation should conform to the IEE Regulations. Each alarm to be fixed to the ceiling at least 300mm from any wall or light fitting. A central position is preferable.
Units designed for wall mounting to be fixed between 150 and 300mm below ceiling level. The method of fixing to be in accordance with the manufacturer's instructions. It should be possible to reach the self-contained alarms to carry out routine maintenance easily and safely. For this reason, self-contained smoke alarms should not be fixed over a stair shaft or any other opening between floors.
Refer to proposed floor plans for suggested ceiling mounted locations.

HD Automatic Optical Heat detector with integral 10yr lithium backup battery mains operated and linked to other detectors.

SD Automatic Optical Smoke detector with integral 10yr lithium backup battery mains operated and linked to other detectors.

CM Carbon Monoxide Detector, Refer to specification S(2)01.

T: 07833 029535
E: info@cbarchitecturaldesign.co.uk
W: www.cbarchitecturaldesign.co.uk
Architectural Design

Client: ANDREW MURRAY
Project: Side Extension & Internal Works at Hillcrest, Mill Lane, Cefn Mawr
Drwg Title: Proposed Ground Floor AS PROPOSED
Scale: 1:50 Drawn: C.B. Chkd: C.B. Date:
Drwg No. 830/L(2)01 Revision: C