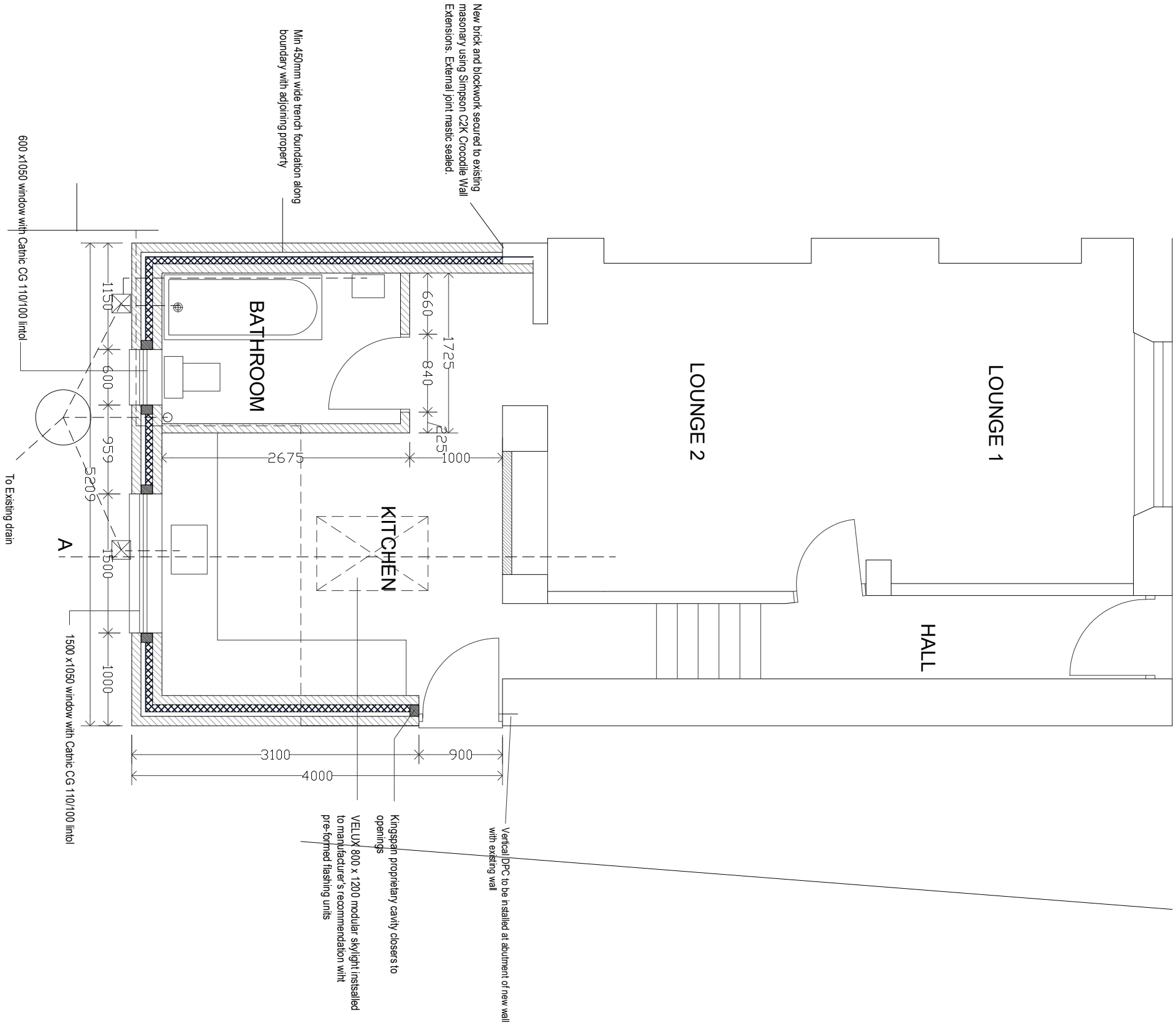


**DRAINAGE**  
**FOUL DRAINS**  
75mm deep seal traps to baths, wash hand basins, showers, sink units, 38mm waste to above appliances increased to 50mm where more than one appliance discharges into the same pipe.  
NOTE: air-siphonic trap where 110mm uPVC more than 2000mm from trap. Wastes taken via back inlet gully or S&VP as indicated.  
S&VP taken through roof and terminated with bird cage preformed cowl to weatherproof junction with roof. S&VP to terminate min 1000mm above nearest window opening within 3500mm.  
WCS taken either to S&VP or direct to inspection chamber as indicated.  
Drainage above ground to BS4514 & 5572/1978  
Installation to BS 8301 1985  
Connections from S&VP and gullies to inspection chamber to be 110mm uPVC to BS 4660 laid to min 1:40 fall on course gravel bed.  
**SURFACE WATER**  
Surface water taken to discharge to existing downpipes and drain.  
100mm gullies taken via 63mm dia. RWP to new back inlet gully then via 110mm uPVC as described above.  
NOTE: ALL DRAINS PASSING BELOW BUILDING TO BE PROTECTED BY ENCASING IN MIN 150MM CONCRETE.  
ALL DRAINS PASSING THROUGH WALLS PROTECTED BY CONCRETE LINTOLS OVER.  
FOUNDATIONS TO BE TAKEN BELOW INVERT LEVELS OF DRAINS



**k.j.lloyd** A.A.Dip. RIBA  
CHARTERED ARCHITECT  
49 Coed Y Pia, Llantradrach  
Caerphilly, CF83 9PT

PROJECT  
**PROPOSED EXTENSION**  
49 COTTRELL STREET  
ABERFAN  
CF 48 4QU

SCALE  
1:50 @ A3  
DATE  
DEC 2018

DRAWN  
KL  
Dwg. No.  
02

DRAWING  
PROPOSED GROUND FLOOR PLAN

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