



breakout existing concrete floor slab and excavate down to existing foundation level minimum 600x600 and back fill in concrete to floor level, form new 315x450 solid dense concrete blockwork (7N) tied back to existing brickwork with stainless steel ties to relieve padstone and steel beams to support new structure above

breakout existing concrete floor slab and excavate down to existing foundation level minimum 600 wide and back fill in concrete to floor level, form new inner skin in , 100 lightweight insulating blockwork (Thermalite Shield or similar) stainless steel angle wall ties to BS 1243:1978 set at staggered centres 750 horizontally and 450 vertically with 90 thick *Recticel* Eurothane+ cavity board insulation and 12.5 plasterboard on dabs with skim finish

INTERNAL PARTITIONS to garage/utility

new partition in minimum 75x50 SW stud with 75 thick *Recticel* Eurothane GP board insulation, 75 *Recticel* Eurothane GP board insulation, Polythene VCL 1000 gauge, 12.5 plasterboard with skim finish
Minimum 'U' value of 0.18w/m²k

CAVITY WALLS ABOVE DPC LEVEL - extension

External walls to comprise 103 facing brickwork to match existing with stainless steel wall ties to BS 1243:1978 set at staggered centres 750 horizontally and 450 vertically, reduced to 225 centres around openings, 100 cavity with 90 thick *Recticel* Eurothane+ cavity board insulation, 100 lightweight insulating blockwork (Thermalite Shield or similar), 12.5 plasterboard on dabs with skim finish
Minimum 'U' value of 0.15w/m²k
Thermabate or similar cavity closers to openings

WALLS ABOVE DPC LEVEL - garage conversion

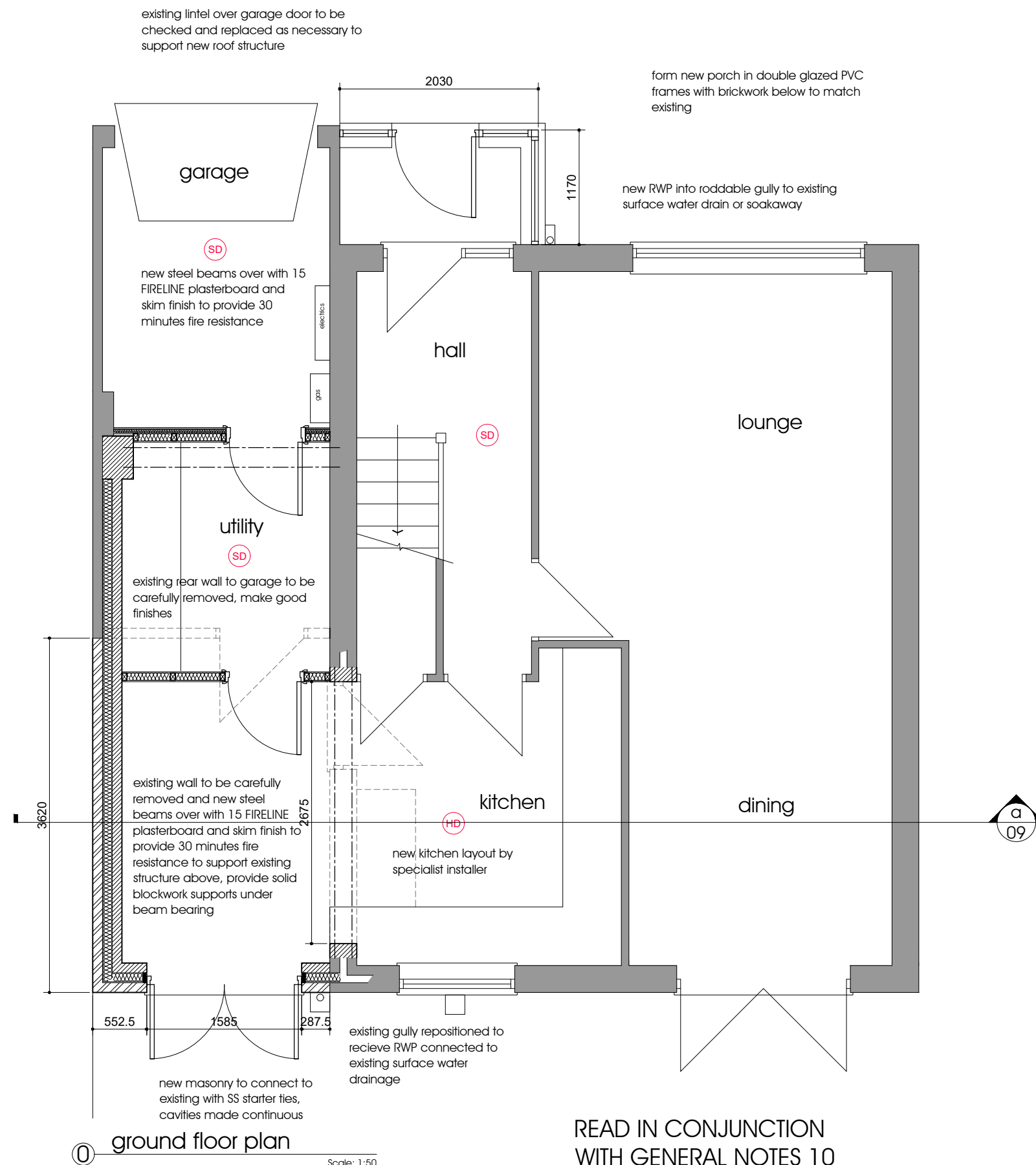
25 cavity, 75x50 treated SW studs @ 400 centres, 75 thick *Recticel* Eurothane GP board insulation, 75 *Recticel* Eurothane GP board insulation, Polythene VCL 1000 gauge, 12.5 plasterboard with skim finish
Minimum 'U' value of 0.18w/m²k

EXTERNAL WALL LINTELS

All lintels to openings in external walls not indicated as steel beams are to be CATNIC or similar with anti corrosion treatment and integral DPC and stop ends for use with masonry construction or precast concrete to suit location. Install lintels on a mortar bed allowing a min. 150mm end bearing on each end with 2No. weepholes over openings. All steel lintels to be encased in 15mm fire line board or similar to achieve ½hr fire protection where appropriate.

INTERNAL PARTITIONS

new partition in minimum 75x50 SW stud or to match size of existing walls with 12.5 wallboard finish to both sides, provide 25mm Isover Acoustic Partition Roll (APR 1200) insulation between studs. Sound Insulation (Airborne) Rw (dB) 38 minimum.



status
PLANNING
job no

drawing number
06 a
title
proposed ground floor plan

scale
1:50 @ A3
date
february 2025
project
5 sycamore close
littleborough
proposed extensions

client
mr & mrs g quinn

do not scale this drawing
all dimensions to be verified on site
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