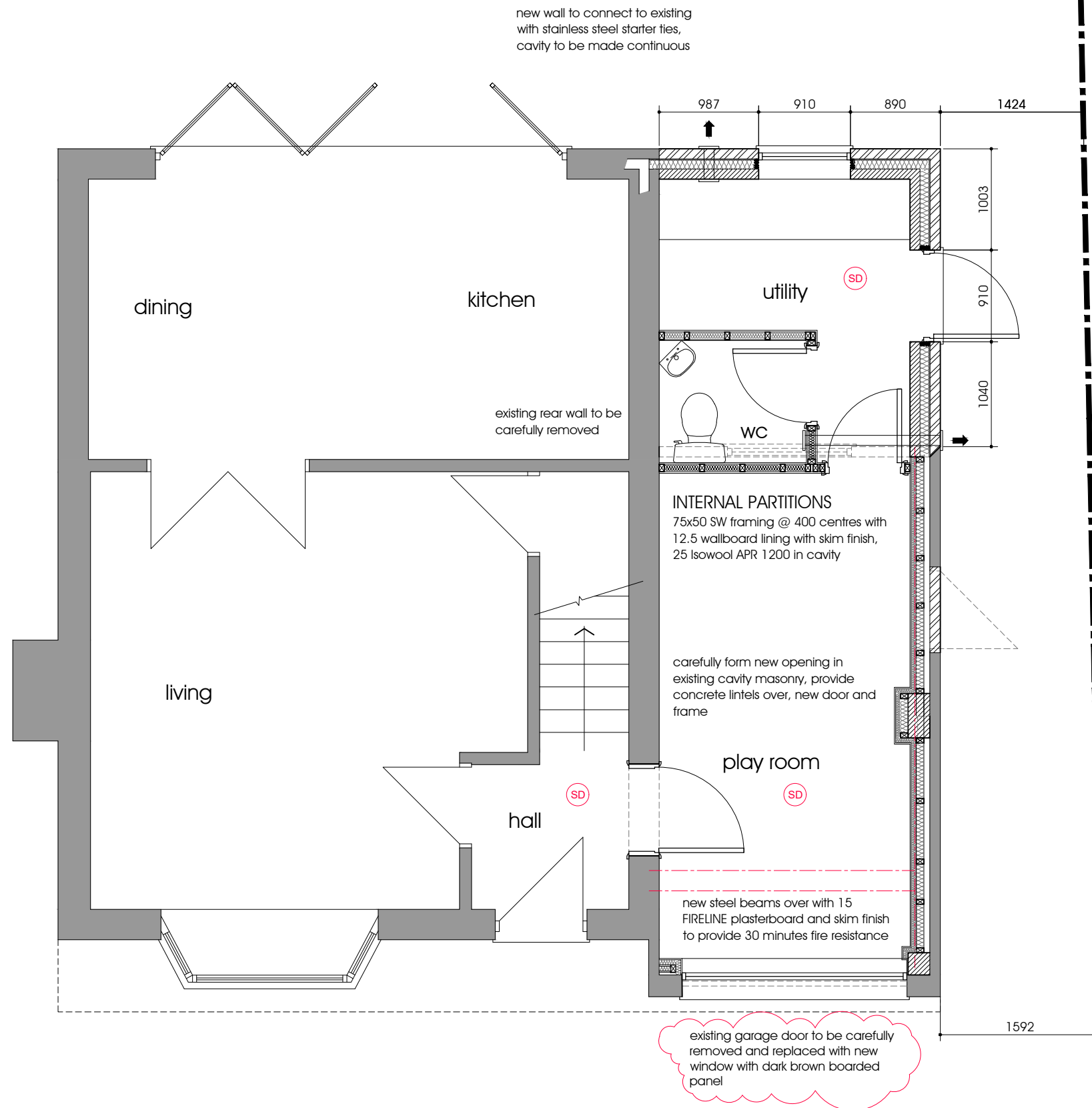
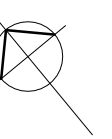




CAVITY WALLS ABOVE DPC LEVEL

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 0.18w/m²k
Thermabate or similar cavity closers to openings

WINDOWS

All windows are to be PVC to match existing, clear or obscure double glazed PVC frames with a minimum 'U' value of 0.14w/m²k or Window Energy rating Band B minimum, glazed doors to be aluminium frames with a minimum 'U' value of 0.14w/m²k or Doorset Energy rating Band C minimum and with safety glass in critical locations, between finished floor level and 800mm above that level in internal and external walls and between finished floor level and 1500mm above that level in a door or a side panel to either edge of door. All to comply to BS 6206: 1981 and to Part N of the current Building Regulations.

new wall to connect to existing
with stainless steel starter ties,
cavity to be made continuous

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

existing door and frame to be carefully
removed and opening infilled in facing
brickwork to match existing

existing brick pier to be carefully removed, breakout
existing concrete floor slab and excavate down to
existing foundation level minimum 600x600 and back fill
in concrete to floor level, form new 225x440 solid dense
concrete blockwork (7N) tied back to existing brickwork
with stainless steel ties to receive padstone and steel
beams to support new structure above

provide new steel beams to carry new inner leaf above,
provide 15 FIRELINE plasterboard and skim finish to
provide 30 minutes fire resistance

status
PLANNING

job no

drawing number

06b

title

proposed ground floor plan

scale
1:50 @ A3

date
september 2025

project
4 white hill close
middle healey

proposed extension

client
mr s szlatoszlavek

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