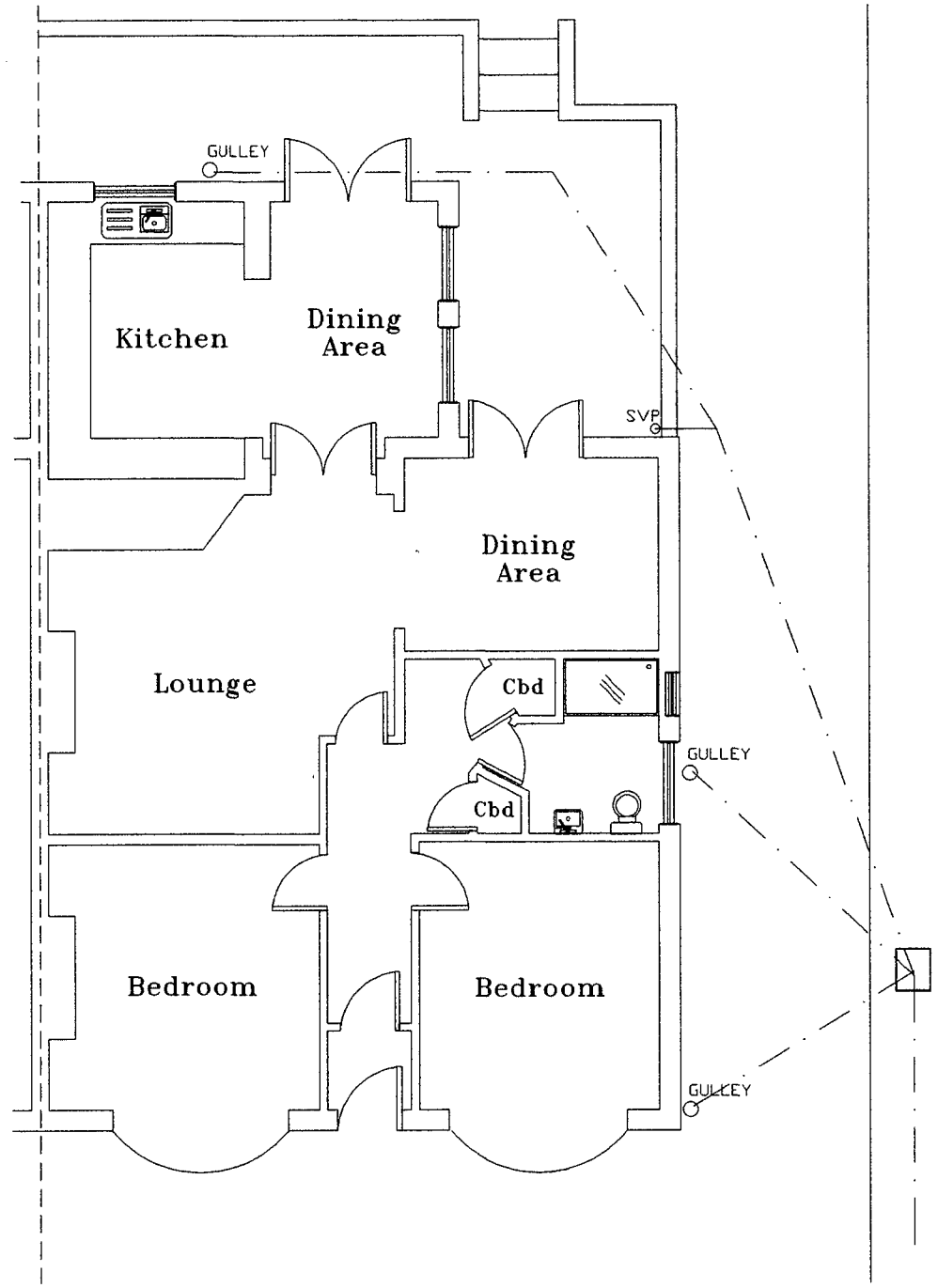
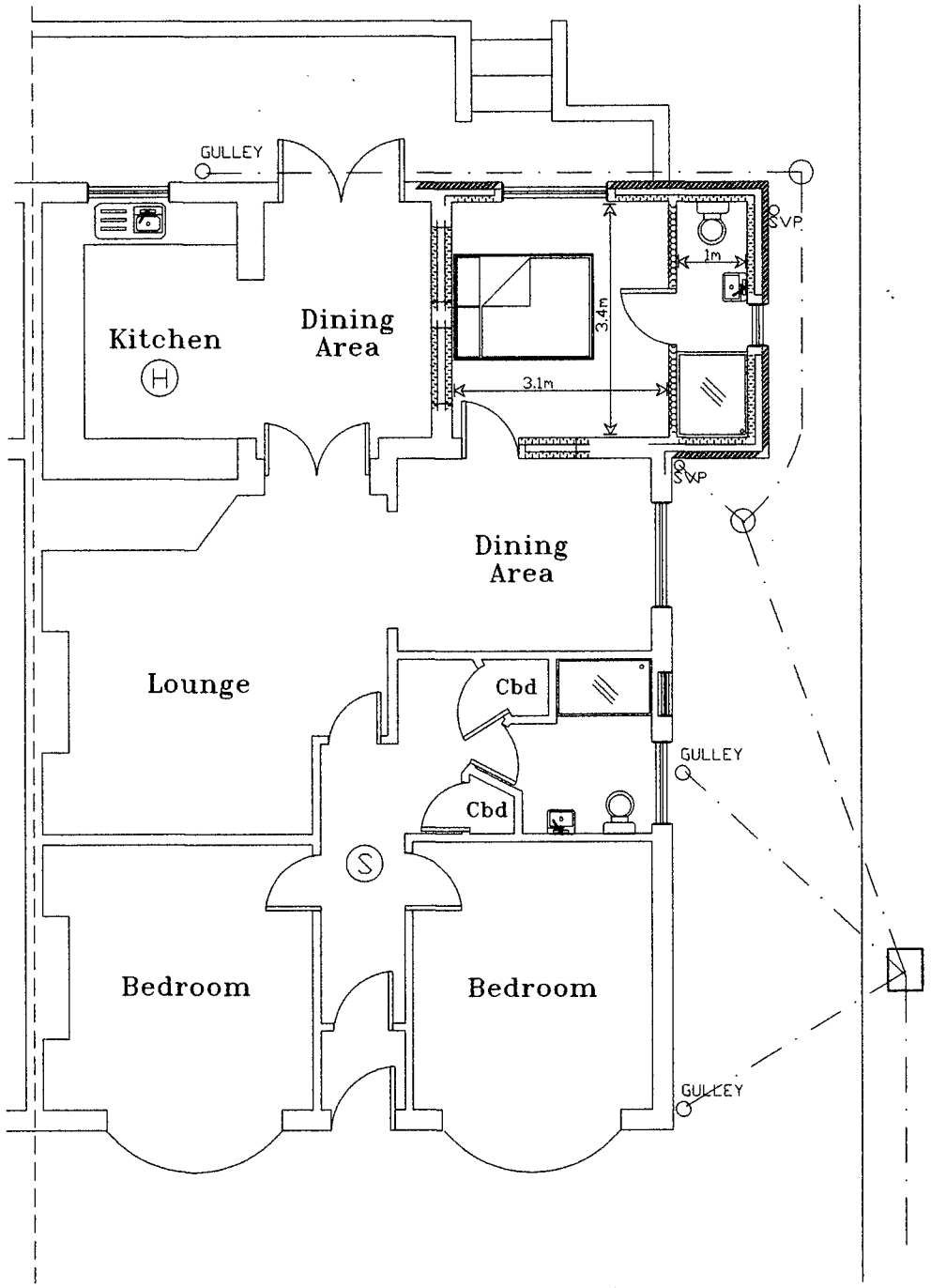


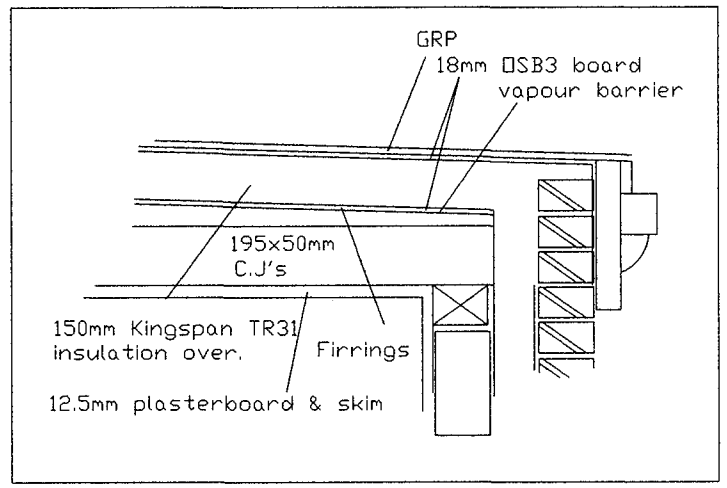
EXISTING GROUND FLOOR PLAN

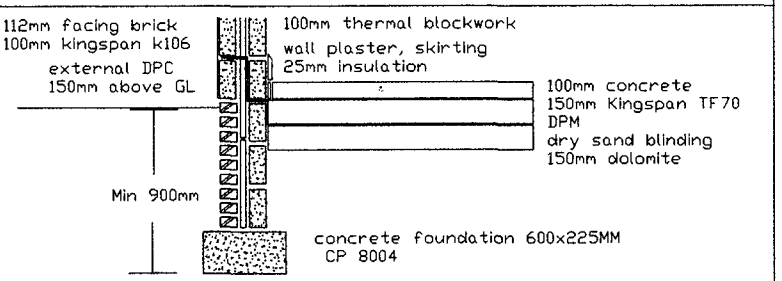


PROPOSED GROUND FLOOR PLAN

SPECIFICATION

gable at 2mcc 100x50mm sw wallplate.
100mm pvc gutter 65mm downcomers.
lead flashings and soakers. cavity tray to exposed existing wall abutting new extension code 4 lead
Kingspan K106 100mm, 100mm cavity, 112mm brick
lightweight plaster internally. stainless steel wall ties at 450mm vertical & 750mm horizontal cc. &
every course around door & window
reveals all to DD140 level in outer leaf.
Inner dpc lapped on to visqueen
Cavity fill up to 225mm below lowest dpc.
Insulated closers to all reveals
Dpc to all vertical & horizontal reveals.
150mm above finished externaly
Ventilation opening lights equivilant to 1/20th of room floor area
Mechanical ventilation to kitchen 60l per second
Maintain any sub floor ventilation. If required, provide new airbrick to external extension wall and plastic ducting through floor to existing airbrick in existing wall.
internal partition 12.5mm plasterboard and skim on 100x50mm sw stud
access to be maintained for refuse collection.
Glazing to comply with Part N of the Building Regulations 2010
All new glazing is to be Pilkington K, argon filled
Type double glazed 28mm cavity 8000mm2 trickle vents to windows
3 in 4 lights to be energy efficent.
TRV valves to all new radiators
No Trees within 20m





CONSTRUCTION OF INSULATED CONCRETE FLOOR

150mm dolomite mechanically compacted over whole of new floor area blind with 25mm of dry sand. 150mm polystyrene insulation.
300mu (1200) gauge DPM lap into internal 225mm wide DPC taking up wall as on section all joints in DPM to be double welted and taped.
100mm thick concrete floor with steel trowel finish.
Cavity wall insulation should be extended to overlap the area covered by the perimeter insulation of the floor.
It is advised that adequate precautions be taken not to damage the DPM

(H) interlinked independently fused mains heat detector, to kitchen.

(S) interlinked independently fused mains smoke detector, to bottom & top of stairs.

All existing beams to be checked and approved by engineer that capable of taking new loadings before work commences on site

New inner leaf blkwork to be tied to ex bkwk.

100mm insulation in stud work

Reinforced concrete lintels over new openings

Sound insulation quilt to stud walls

All loadings, pillars and new beams to be designed and approved before work commences

2no insulated stud walls to utility insulated plasterboard over

1.2M @ 1:20
3M @ 1:50
6M @ 1:100
12M @ 1:200
30M @ 1:500
75M @ 1:1250

SCALE BAR
ORIGINAL DRAWING A3 SIZE

All drainage to be in accordance with CP 301 & to be pvc or similar laid on a bed of pea gravel & laid to fall a min of 1:40
Above ground drainage to be UPVC fittings to BS525 and BS4514.
Any drainage passing through foundations to have concrete lintol over.

Mechanical Extraction from bathroom taking outside to fresh air, 15l/sec & controlled by the operation of the main room light switch with a 15min over run.
Ducting to external air to have 30min period of fire resistance

20 Sunniside Drive, South Shields,
Tyne and Wear, NE34 8DH.

New Single Storey Rear Extension

Drawing No. S78a
Date 18/03/2024 Scale 1:100

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