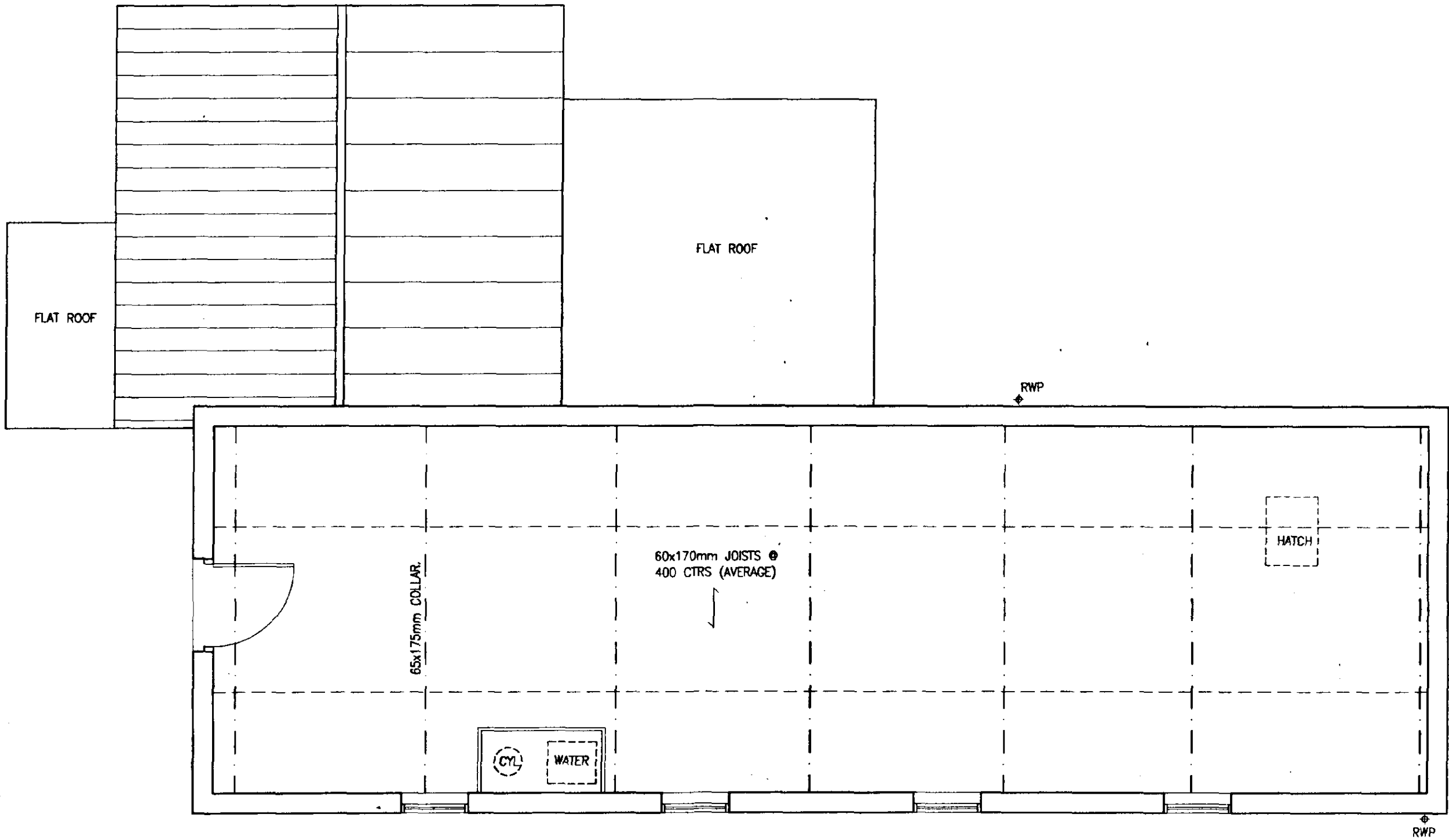
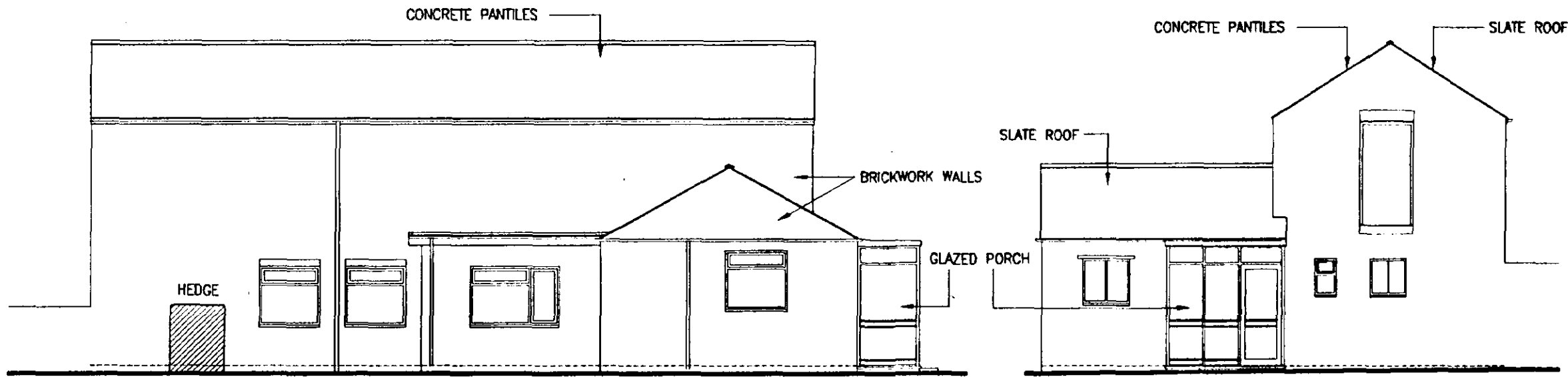


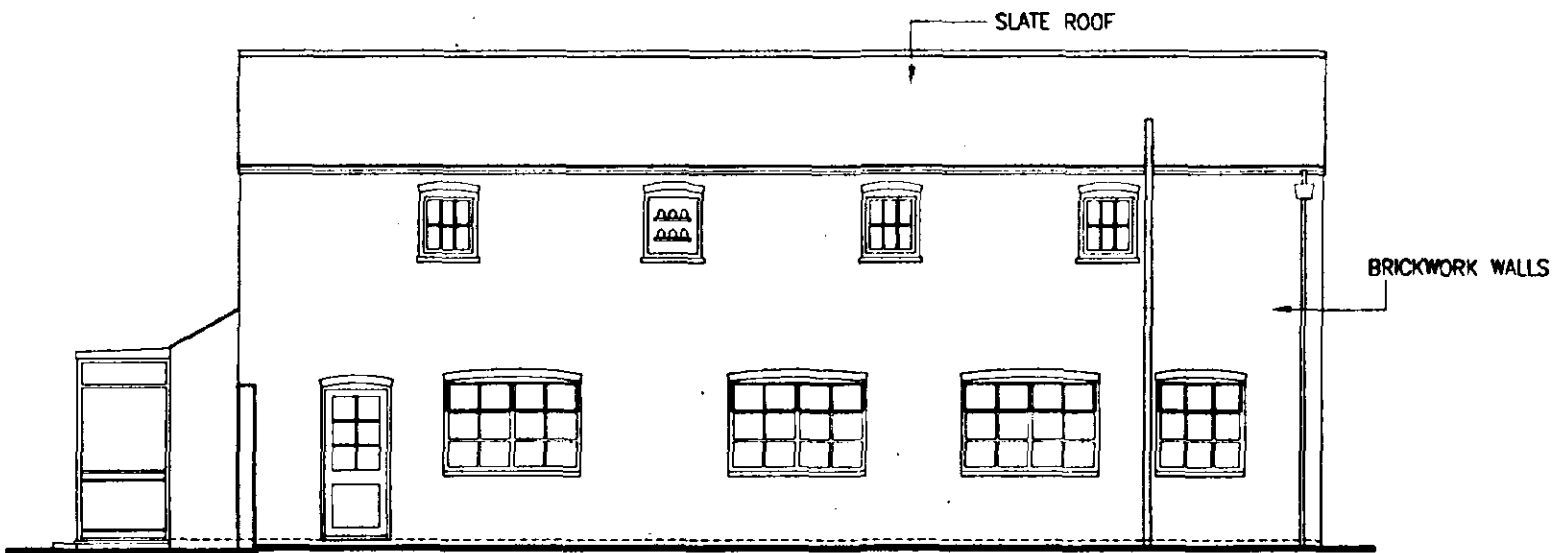
PROPOSED EXTENSION & ALERATIONS TO DENTAL SURGERY - LONG SUTTON



FIRST FLOOR PLAN
AS EXISTING 1:50

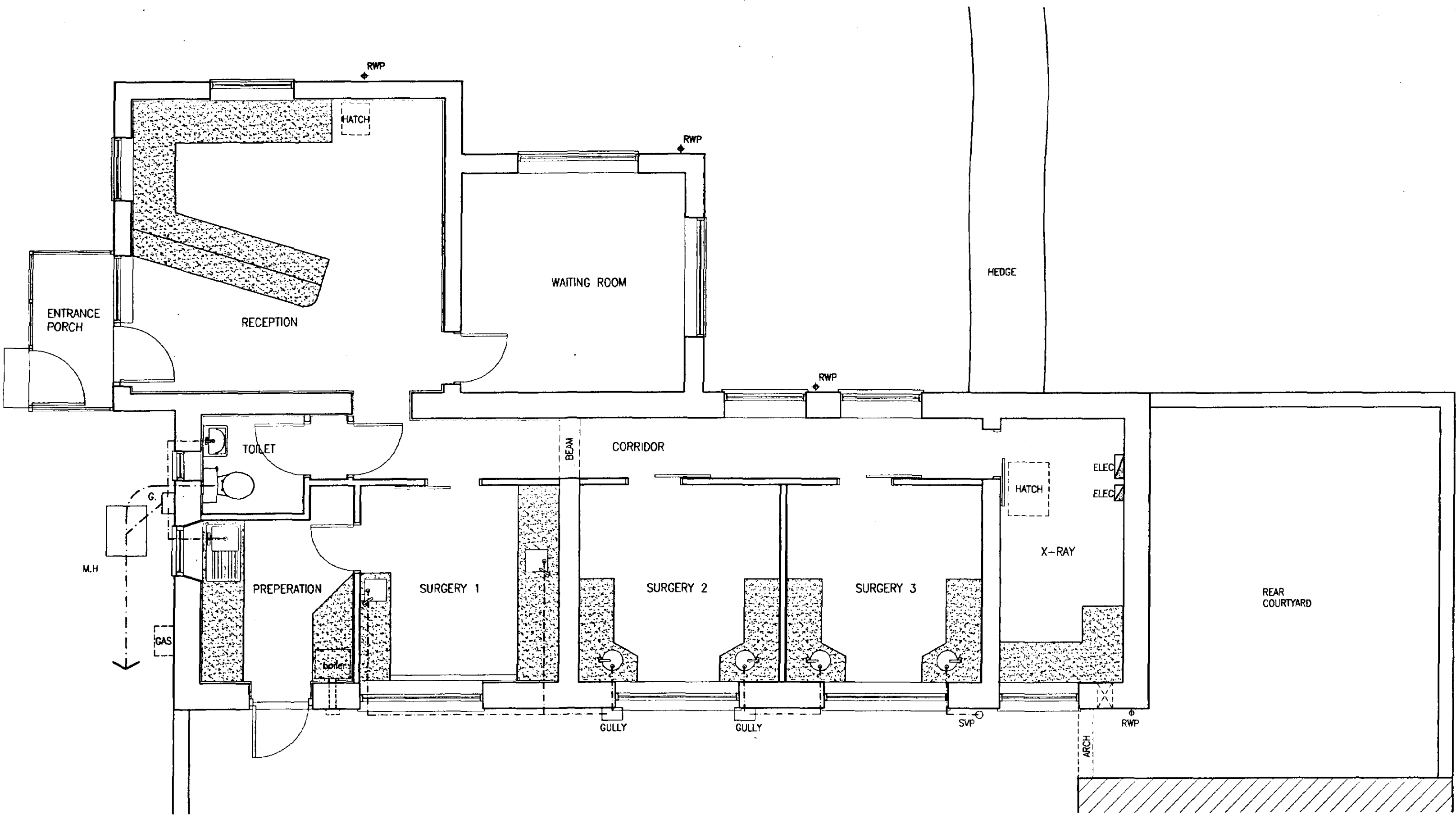


SIDE ELEVATION 1:100



FRONT ELEVATION 1:100

SIDE ELEVATION 1:100



GROUND FLOOR PLAN
AS EXISTING 1:50

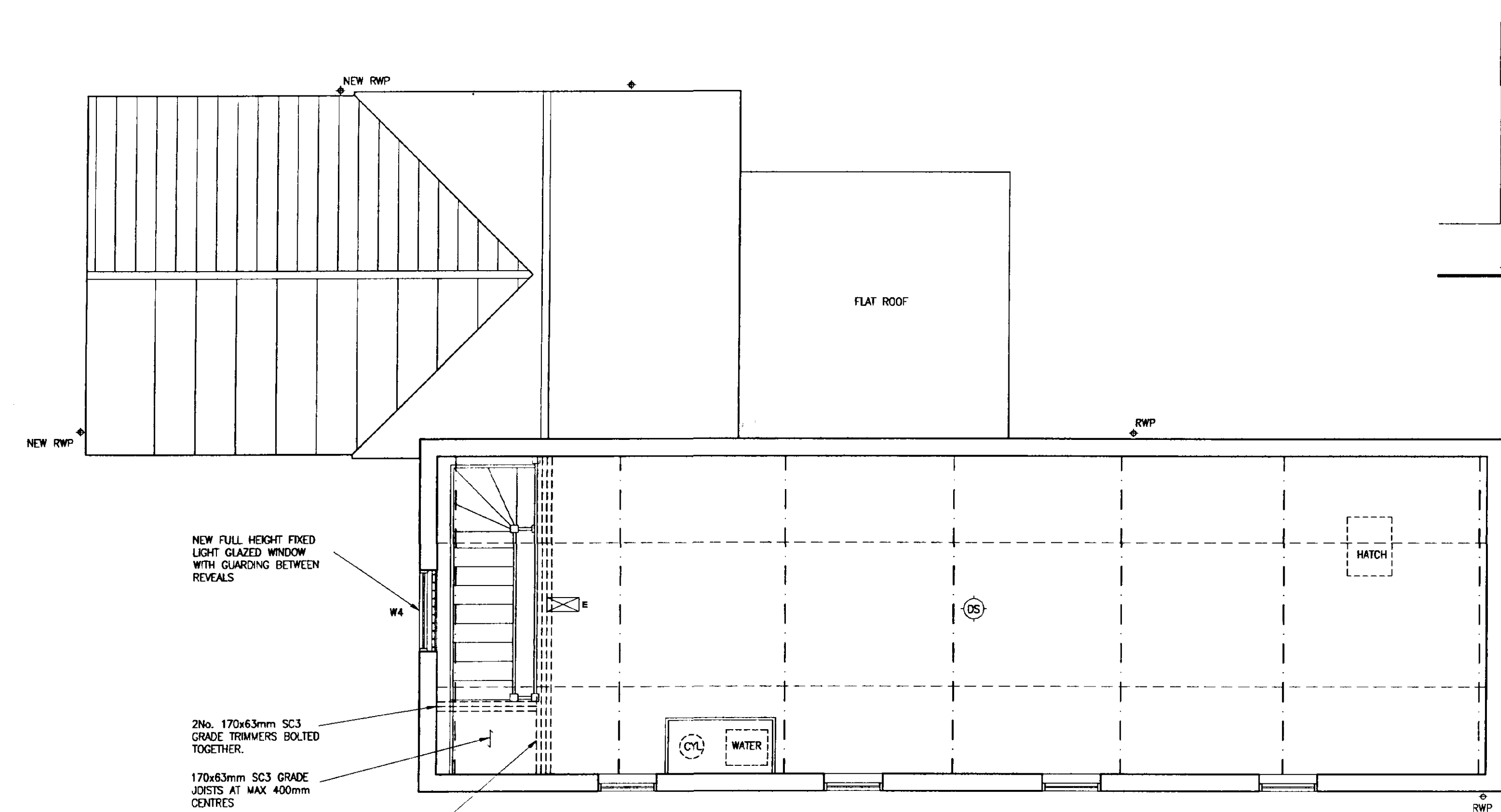
revision	date	init.	revision details.

Project:
MR G. C. ELIAS
PROPOSED EXTENSIONS & ALTERATIONS TO DENTAL SURGERY
DENTAL SURGERY
THE LAWNS
LONDON ROAD
LONG SUTTON
Lincs

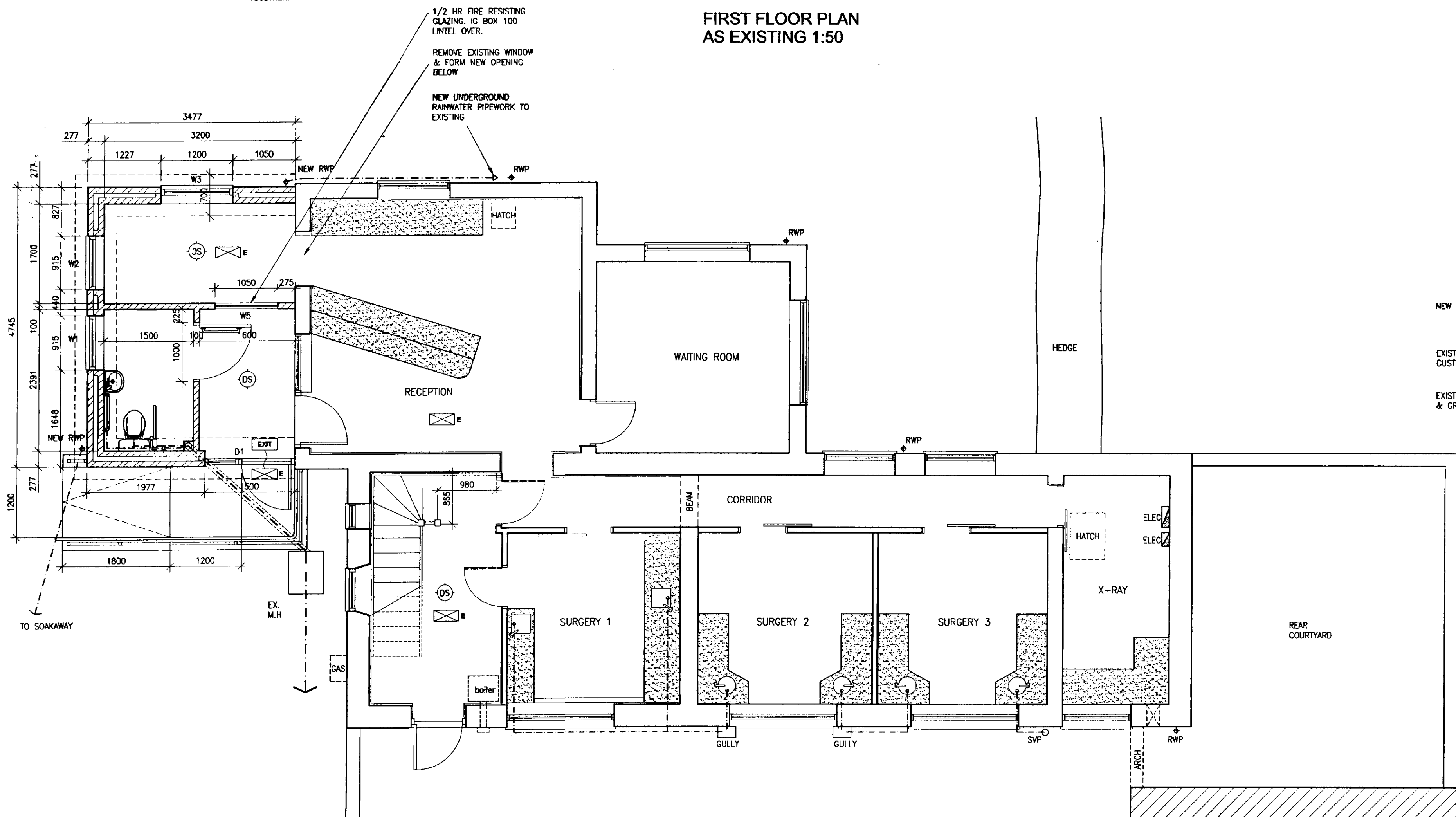
Drawing: **DETERMINED**
PLAN
EXISTING PLANS AND ELEVATIONS
SHDC
Planning & Development
- 2 MAY 2002

Scale	1:50, 1:100,	Drawing No.	0402-02/01
Date	MARCH 2002	Drawn.	CJH

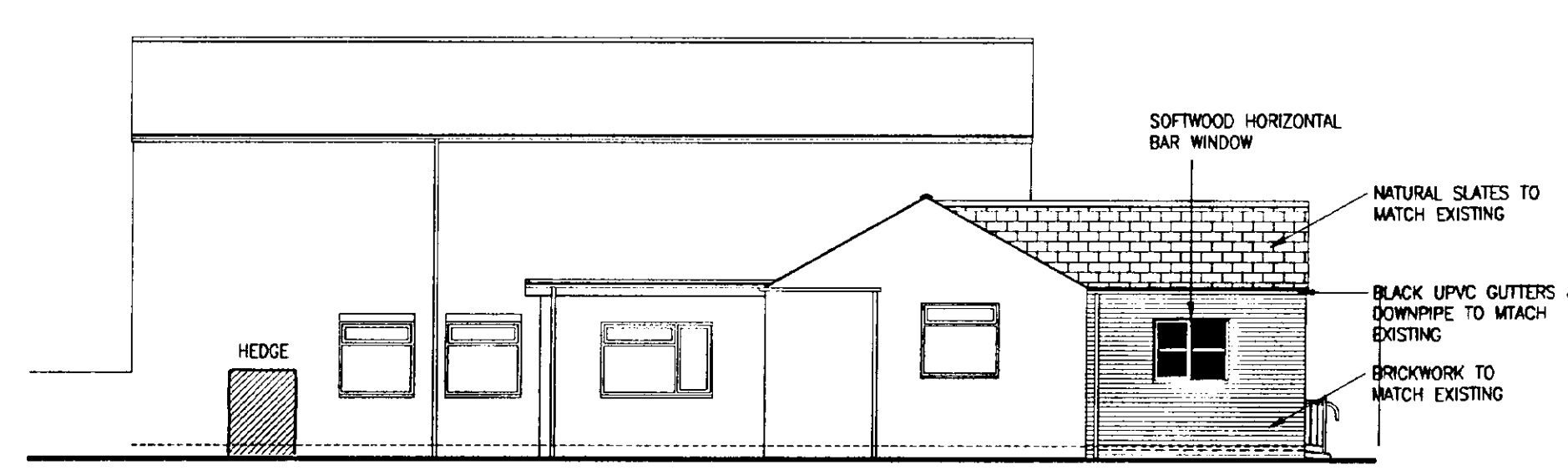
PROPOSED EXTENSION & ALTERATIONS TO DENTAL SURGERY - LONG SUTTON



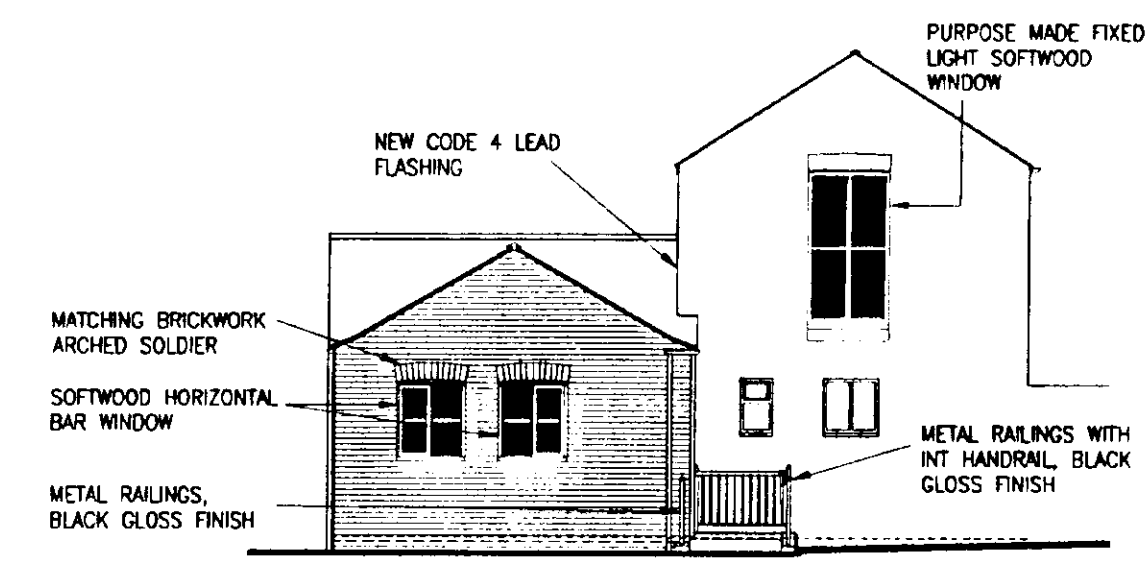
FIRST FLOOR PLAN
AS EXISTING 1:50



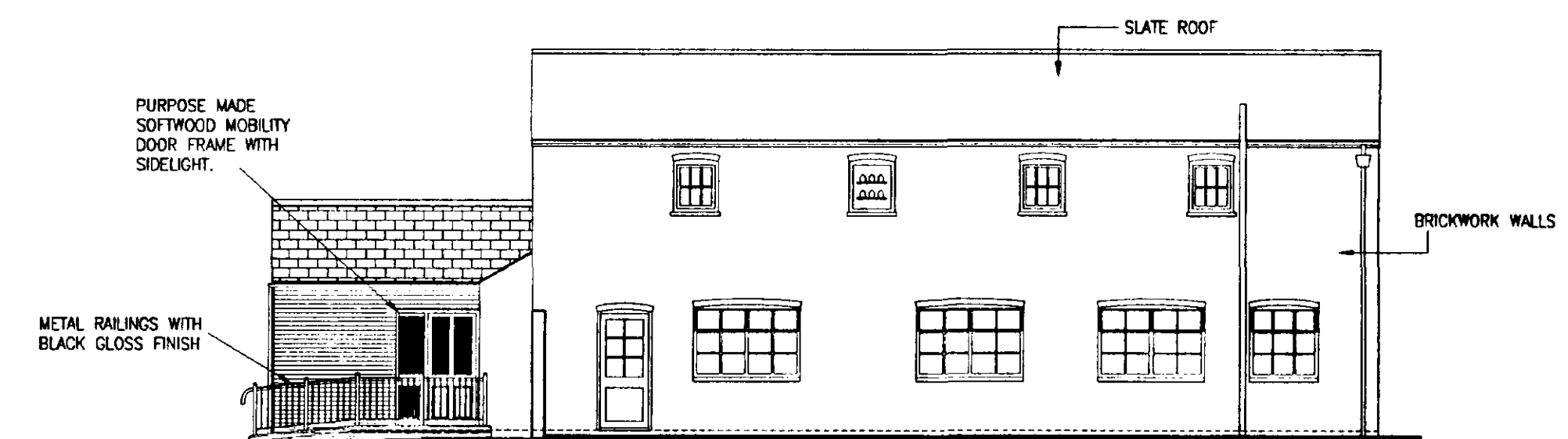
GROUND FLOOR PLAN
AS EXISTING 1:50



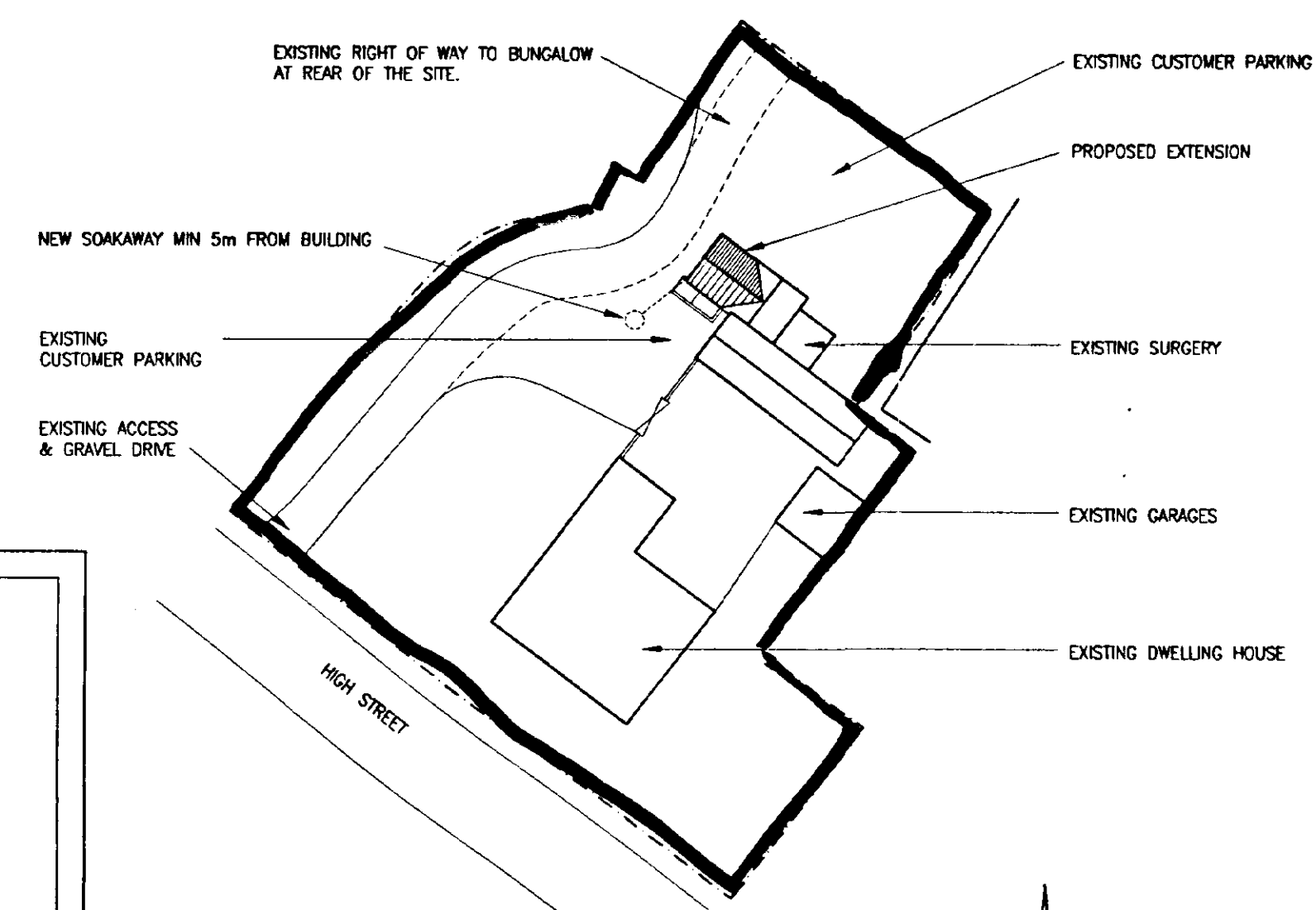
SIDE ELEVATION 1:100



FRONT ELEVATION 1:100



SIDE ELEVATION 1:100



PROPOSED SITE PLAN 1:500

- REMOVE EXISTING DOOR & PROVIDE NEW FD30S, 30min FIRE RESISTING DOOR WITH VISION PANEL.
- EXIT
- 3hr NON MAINTAINED EMERGENCY EXIT SIGN.
- 3hr NON MAINTAINED EMERGENCY BULKHEAD LIGHT
- MAINS OPERATED SMOKE DETECTOR

revision	date	init.	revision details.

Project:
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PROPOSED EXTENSIONS & ALTERATIONS TO DENTAL SURGERY
THE LAWNS
LONDON ROAD
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Drawing No. 052102

Scale 1:50, 1:100, 1:200

Drawing No. CH02-02/02

Project Planning & Design
- 2 MAY 2002
PROPOSED PLANS AND ELEVATIONS
DETERMINED
PLAN

ED EXTENSION & ALERATIONS TO DENTAL SURGERY - LONG SUTTON

SPECIFICATION:

is limited in the amount of information
d does not purport to contain a full
of the works. It is solely for the
btaining Planning/Building Regulation
e drawing must not be used as a
iment alone.
s shall be taken from site from actual
no circumstances shall measurements
m this drawing for construction or
oses. All given dimensions shall be
ne Builder/Contractor and will be his
from commencement of site works.
I not be supervised or inspected on site
s Designs or any representative thereof.
ts or their appointed agents
to control workmanship, substitution of
erence to specification, variations to

RESERVED
drawing must be made only with the
sion of Chris Hicks Designs.

STANDARDS
All materials to be new unless otherwise stated and
all components and materials etc. to be used fitted
and installed etc. In strict accordance with
manufacturers instruction and relevant Code of
Practice. Materials shall conform to appropriate
British Standard specification of BBA Certificate or
European Code equivalent.

HEALTH & SAFETY
The Employer/Client shall ensure that the selected
contractor is conversant with and adopts all
measures necessary to achieve compliance with
Health & Safety legislation for Building Sites and Work
Places.
The Employer/Client is advised that should the works
need to comply with the Construction Design and
Management Regulations an independent Planning
Supervisor will be required.

SCOPE OF THE WORKS
The works shall comprise of all that is shown on the
drawing and details. Work that may be specifically
shown but may be reasonably inferred as necessary
to carry out the works shall be deemed to be
included.

PITCHED ROOF CONSTRUCTION
Interlocking concrete roof tiles to BS EN 490/491, on
25 x 50 softwood treated battens on underfelt to BS
747 (type 1F) and in all cases to be lapped by
150mm both vertically and horizontally. Tiles to be
laid with min. headlap of 75mm and to be fixed in
accordance with regard to wind speed, roof pitch and
exposure category as detailed in CP3 chapter V part
2 1972. Twinplate specialist made prefabricated roof
trusses to comply with BS 5268 part 3 1988. TRUSS
CALC'S TO BE SUBMITTED TO L/A. MIN. 28 DAYS
PRIOR TO ERECTION. Trusses to be at 600c/c to a
pitch of 30 deg to match existing. 38 x 100 ridge
node binder 38 x 100 ceiling binders: All trusses to
be strapped to wall plate by 30 x 5 galvanised metal
straps acting as anchor and lateral restraint straps at
max. 1.5m c/c. Note: provide solid bridging beneath
straps: 50 x 100 wall plate bedded on sand and
cement: Provide eaves ventilators to give the
equivalent to 10mm wide continuous air gap: All
structural timber to be min. SC3 grade, stamped
'DRY' or 'KD' to indicate moisture content of 20% or
less all in accordance with BS. 4978. Where span of
trussed rafter exceeds 5.0m provide additional bracing
within the plane of the web in accordance with
Truss Plate Assoc. tech. bulleting sheet 4: At roof
intersections provide 25 x 100 lay boards and
diminishing trusses at 600 c/c: Install code 4 lead
valley liner.

CEILINGS
250mm glassfibre insulation total thickness. 100mm
between joists and 150mm over joists lapped over
wall plate throughout its length: provide ventilator tray
between rafters to maintain min 50mm air gap over.
12.7m Gyproc plasterboard 3mm skim finish. Provide
min. 39 x 38 noggins to all plasterboard edges. All
joints to be taped and filled. Provide access trap to
roof space, opening to be lined with 25 x 25 planted
stops. Access panel to be 12mm ply with layer of
12.7mm Fireline board fixed to face. 100mm Jablite
to top surface. Provide slide bolt fastening and
draught seal all round. Ceiling/roof construction for
an unheated loft space to achieve a U-value of 0.16
W/m2.

SUB STRUCTURE WALLING
100mm dense concrete blocks to BS: 6073 pt 1
1981: DPC to external wall positioned in accordance
with CP 102 min. 150 above finished ground level.
Weak mix concrete infill to base of cavity no closer
than 225 to DPC. All brickwork below DPC to be F.L.
quality.

WALLING
277mm cavity walling to consist of face brickwork to
BS: 3921: 1974 for clay bricks and BS: 187: 1978
for calcium silicate bricks: 75 cavity: build into cavity
Rockwool cavity wall batts insulation boarding in
accord. with makers instructions and agreement cert.
no. 83/1087. 100mm Tarmac Hemelite Toplite
thermal insulation blocks or similar. Cavity walls tied
together using galvanised iron twist ties set 900
horizontally and 450 vertically to BS: 1243: 1978 wall
ties positioned at 300 vertical centres at all unbonded
closures of cavity. Close cavities with "Ruberoid
Ruberclose" preformed insulated dpc closer. External
walls to have min. "U" value of 0.35 W/m2 deg. C.
Internal walls of 100mm Tarmac Hemelite solid
insulation blocks. All to received 12mm S/C render
and 3mm skim. New cavity walling to be coursed into
existing every other course with all joints matching.

GROUND FLOOR CONSTRUCTION
Strip all vegetable soil and lay floor as follows: 45mm
sand and cement screed on 100mm GEN4 mix
concrete oversite to BS:5328:pt 1 1999 on 1200
guage DPM lapped continuous with DPC by min
100mm, lay 300mm wide DPM strip into DPC to lap
floor DPM. 54mm Celotex Double-R GA2054 insulation
boards or equivalent laid on 150 blinded and
consolidated hardcore. Floors to achieve a U-value of
0.25 W/m2.

FOUNDATIONS
Under walls as shown provide strip concrete
foundations as follows. Under 277 cavity walls
provide 225 x 700 and under 100 walls provide 225
x 450 all GEN4 mix to BS: 5328: pt 1: 1991. All
foundations taken down to bear on load bearing
strata. Should shrinkable soil conditions be found on
site then foundations shall be taken down to a
suitable depth to L/A approval.

LINTELS
All lintels to be manufactured by Messrs I G and to
be installed in accordance with makers' instructions and
to have min end bearing of 150mm and at external
positions to have capacity tray DPC to CP 121.
Internal lintels to 100mm non load bearing blackwork
walls to be IG 100 internal type. Lintels to internal
load bearing walls to be IG 100 box type. Lintels to
cavity walls to be IG L1/HD type. Cavity tray to be
provided above lintels complete with stop ends and to
project min 150mm past the intel. Provide min 2No.
Plastic perp-end weep units in perp joints to base of
cavity tray.

FOUL DRAINAGE
Foul drainage pipes to be 110mm dia UPVC to
BS:4660:1983 flexibly jointed and laid to makers
instructions to a fall of 1.70 bed and surround with
100mm pea gravel. Where pipes pass under floors
encase in 150mm pea gravel. Where pipes pass
under drives surround in 150mm concrete with flexel
joints to correspond with joints in pipework. Provide
65 x 100 prestressed concrete lintel bridging where
pipes pass through walls, allow 50mm gap around
pipe, opening masked both sides of wall with ridges
sheet material. Waste pipes to be generally 40mm
dia. If over 3.0m long run increase to 50mm dia.
All PVC pipework to be to BS:3943:1979 complete
with rodding eyes at every change of direction. Basins
to have 75 deep seal traps.

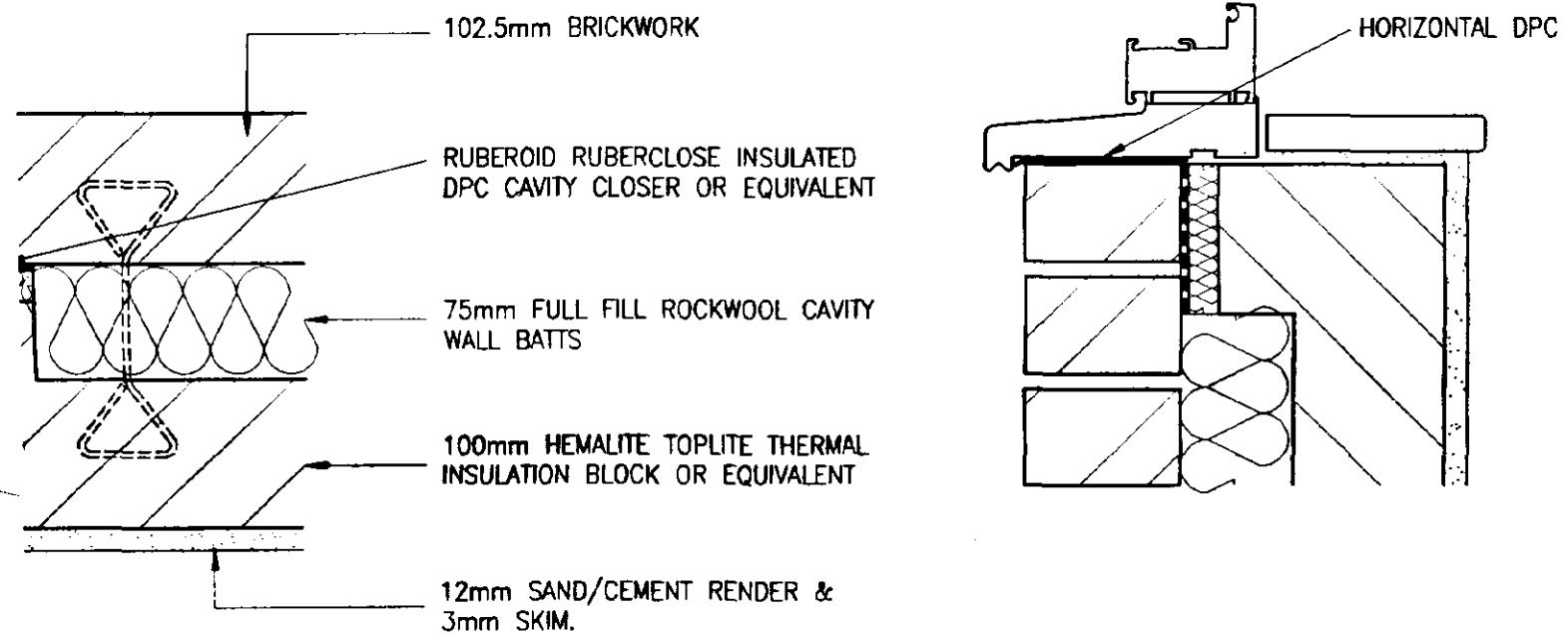
SURFACE WATER DRAINAGE
115mm dia half round rainwater gutters to 63mm dia
rainwater pipes. 110mm dia, underground pipes
flexibly joined to a fall of 1.70 pipes bedded and
surrounded in pea gravel and discharge to 1.2 dia
soakaway min 5.0m to edge from Building.

GLAZING
New timber windows & doors to recieve double glazed
units (where applicable in doors) & to achieve a
average U-value of 2.0 W/m2. All glazing between
ffi and 800mm high and between ffi and 1500mm
high in doors and side lights to be laminated safety
glass to BS:6206. All windows/doors to be draught
sealed.

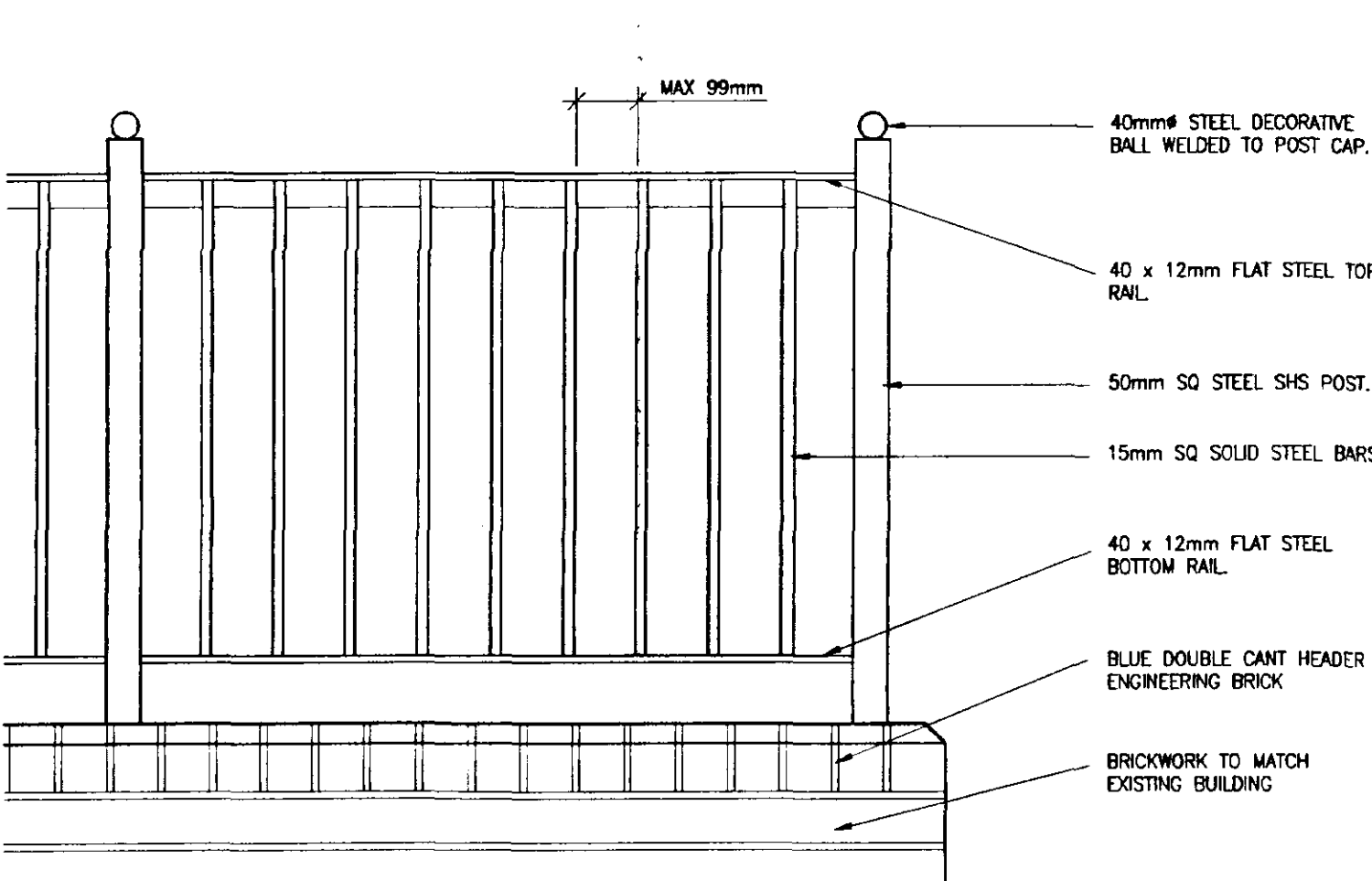
VENTILATION
All new windows to have opening lights to give the
equivalent of 1/20th the floor area. Provide
background ventilation to habitable rooms equal to
min. 8000mm sq permanent free air ventilation per
room. To all other rooms provide min 4000 sq. All
following rooms to have in addition to above, a
wall/window mounted mechanical extractor fan. WC to
extract min 6 litres per second with 15 minute
overrun.

HOT WATER AND SPACE HEATING
Existing oil fired boiler to be maintained with the
system extended to the new extensions. Fit
thermostatic control valves to all new radiators. Hot
water system is existing & to be modified to suit
new layout. All new hot water storage tanks and
pipework to be insulated to BR L1 part 3.

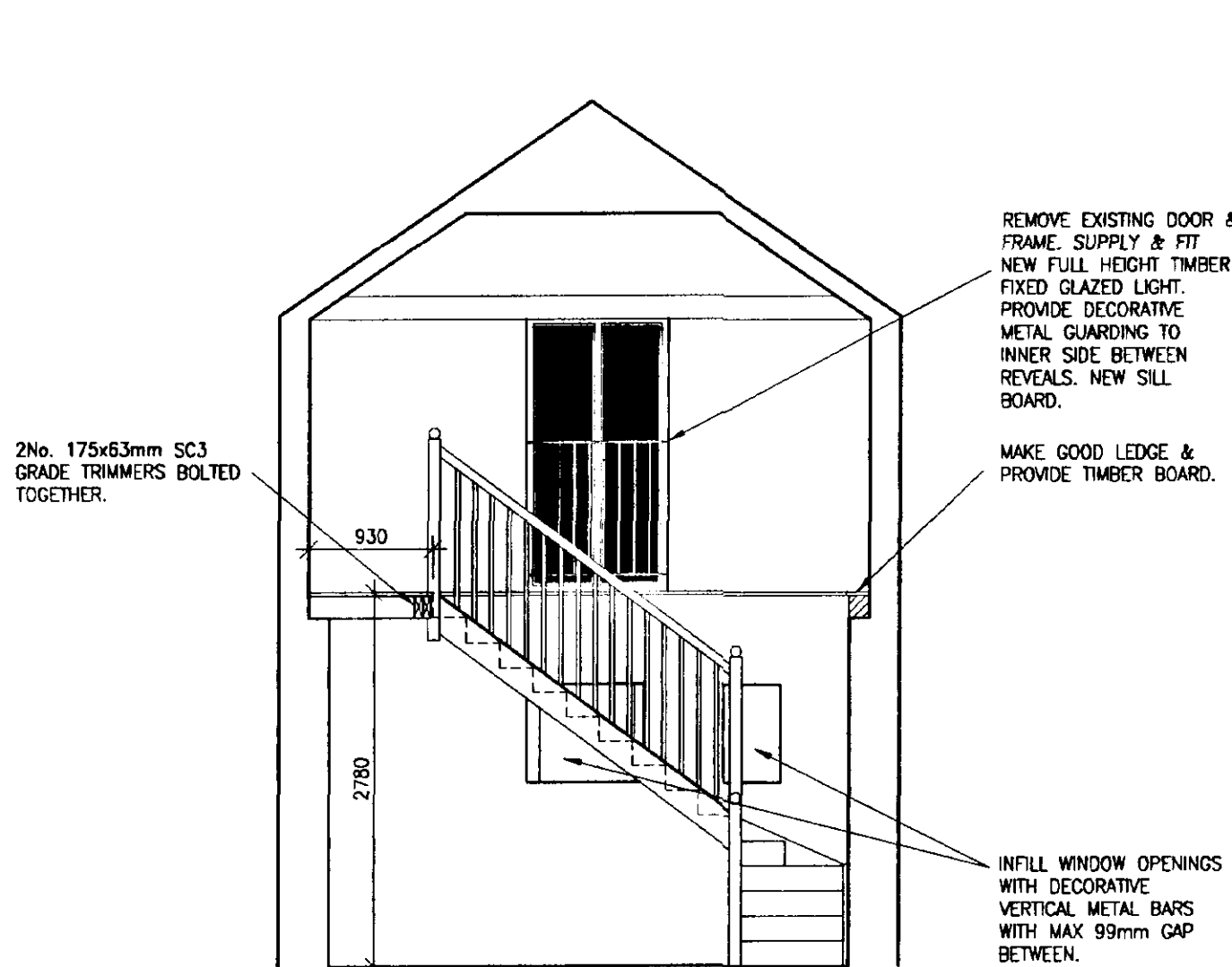
GENERAL
All electrical installations to be in accordance with the
latest IEE Regulations. Provide hot and cold water
supply to all wash basins. All electrical switches and
socket outlets to habitable rooms to be positioned at
appropriate heights between 450mm and 1200mm
from ffi.



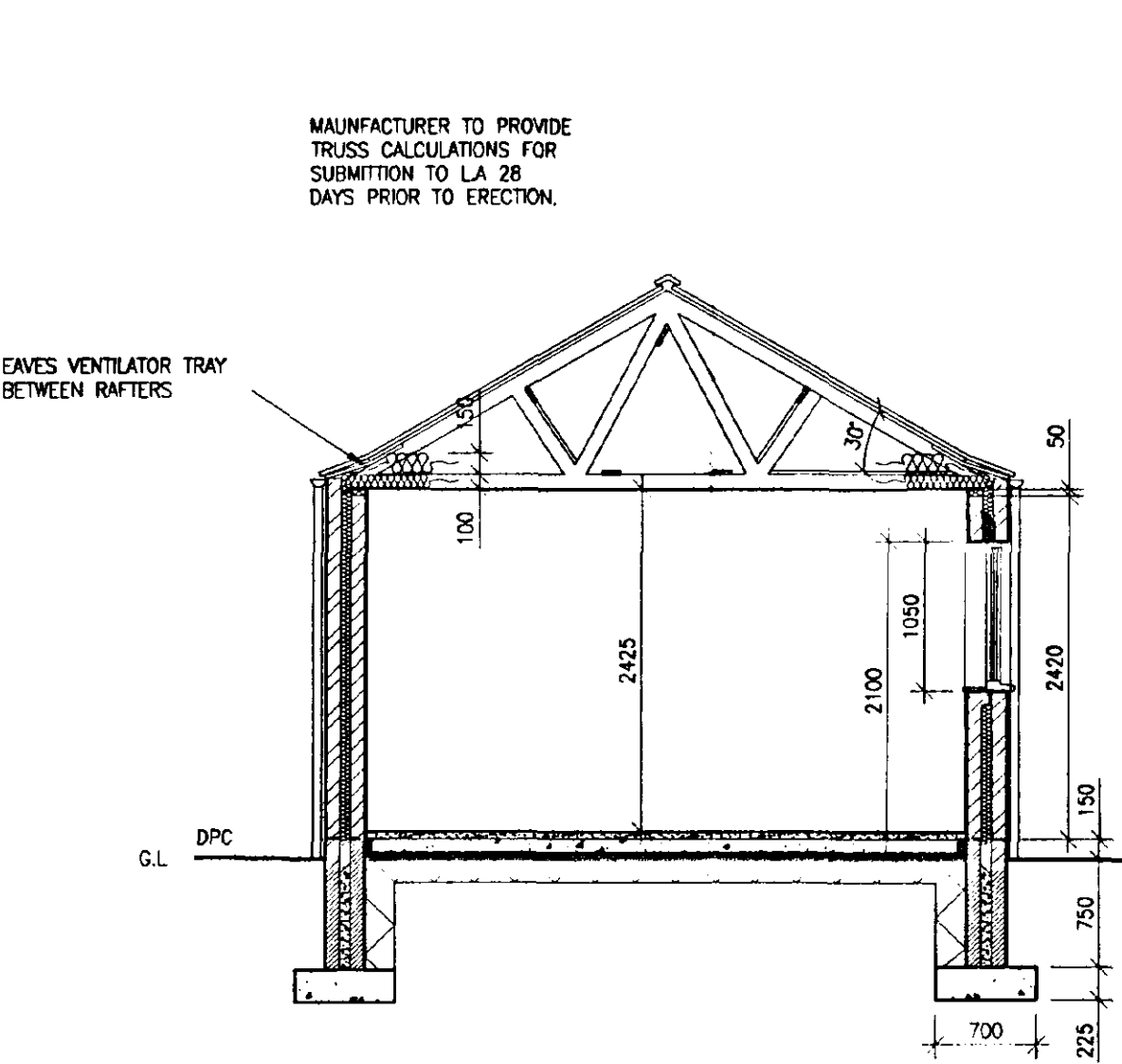
TYPICAL CAVITY CLOSER DETAIL 1:5



TYPICAL DISABLED RAMP GUARDING DETAILS
SCALE 1:10



SECTION B-B 1:50



SECTION A - A 1:50

revision	date	init.	revision details.

Project
MR G. C. ELIAS
PROPOSED EXTENSIONS & ALTERATIONS TO DENTAL SURGERY
THE LAMNS
LONDON ROAD
LONG SUTTON
Lincs
Ref 0527102

Scale 1:50, 1:10
Date MARCH 2002
Drawing No. CH02-02/05
Drawn. C.H.

SECTIONS, RAMP GUARDING DETAILS & CONSTRUCTION NOTES
DETERMINED
PLAN