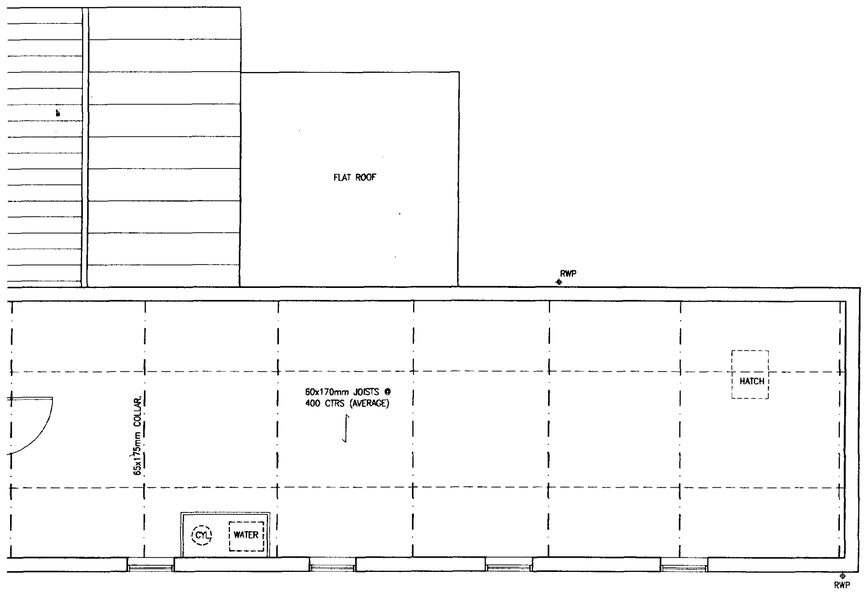
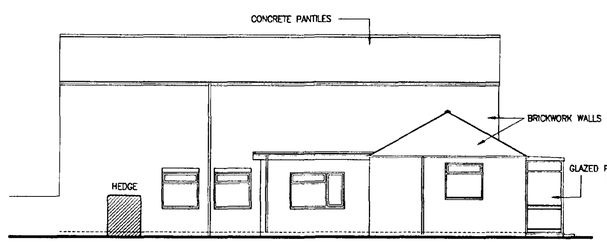
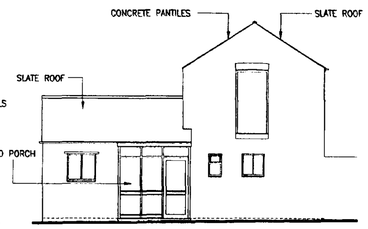
# ;ED EXTENSION & ALERATIONS TO DENTAL SURGERY - LONG SUTTON



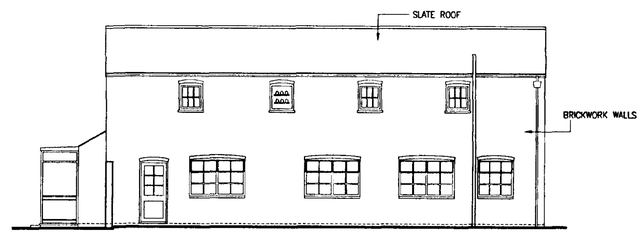

FIRST FLOOR PLAN
AS EXISTING 1:50



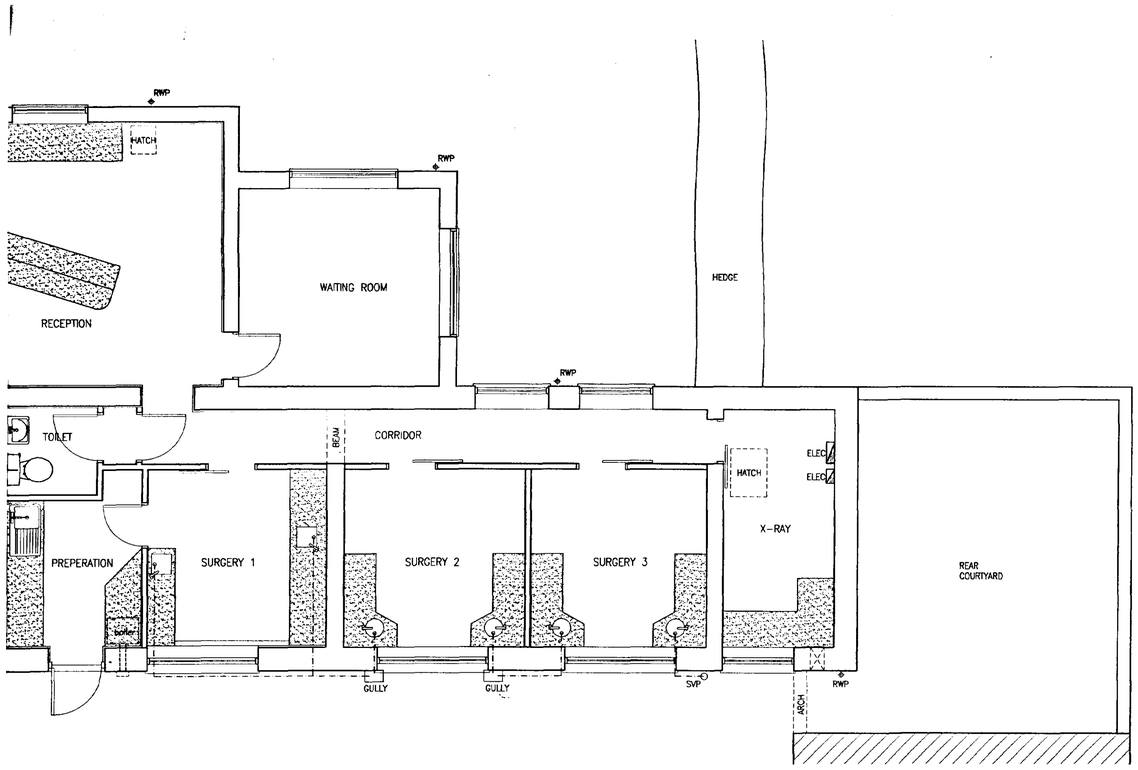

SIDE ELEVATION 1:100




FRONT ELEVATION 1:100




SIDE ELEVATION 1:100




GROUND FLOOR PLAN
AS EXISTING 1:50

Planni... [illegible]
- 2 MAY 2002
Ref 0526/02

| revision | date | init. | revision details. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Project.
MR G. C. ELIAS

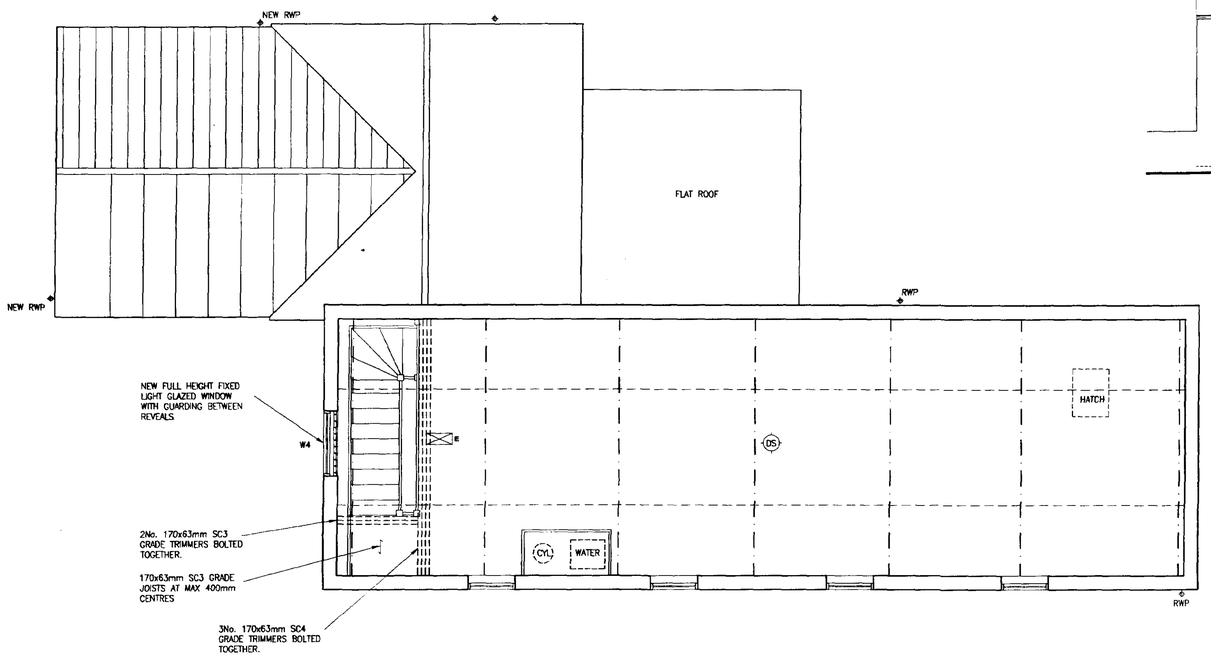
PROPOSED EXTENSIONS & ALTERATIONS TO DENTAL SURGERY
DENTAL SURGERY
THE LAWNS
LONDON ROAD
LONG SUTTON
LINCS

Drawing.

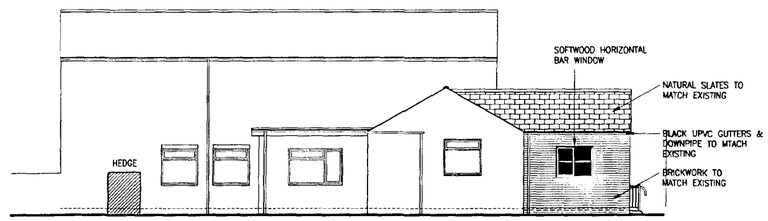
EXISTING PLANS AND ELEVATIONS

| | |
|---|---|
| Scale 1:50, 1:100, | Drawing No. CH02-02/01 |
| Date. MARCH 2002 | Drawn. C.H. |

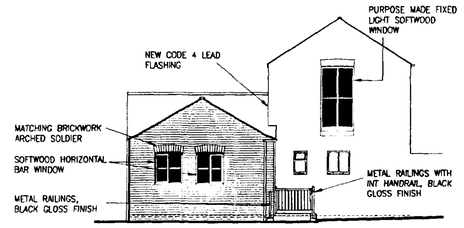
# PROPOSED EXTENSION & ALERATIONS TO DENTAL SURGERY - LONG SUTTON




FIRST FLOOR PLAN
AS EXISTING 1:50



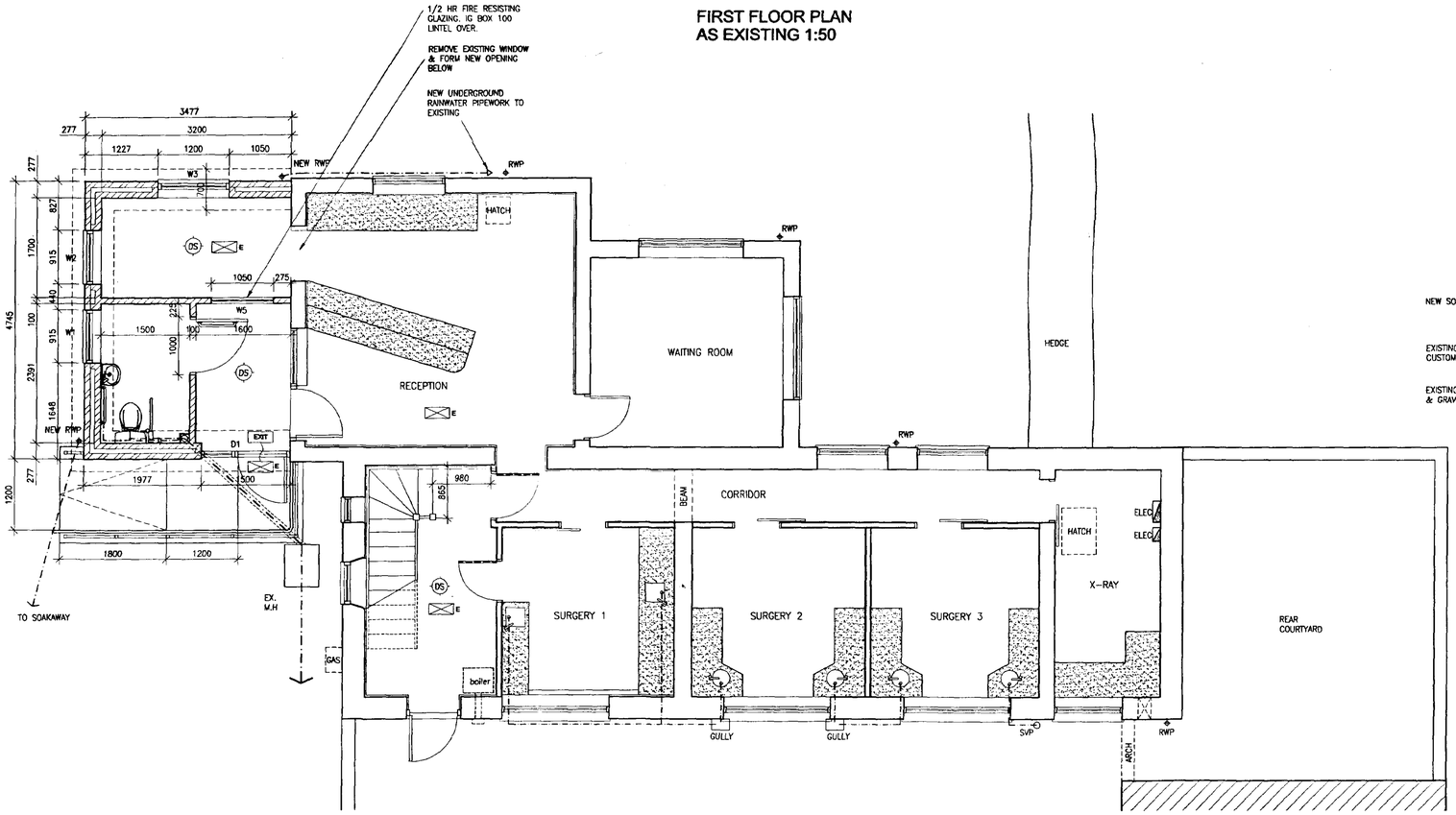

SIDE ELEVATION 1:100



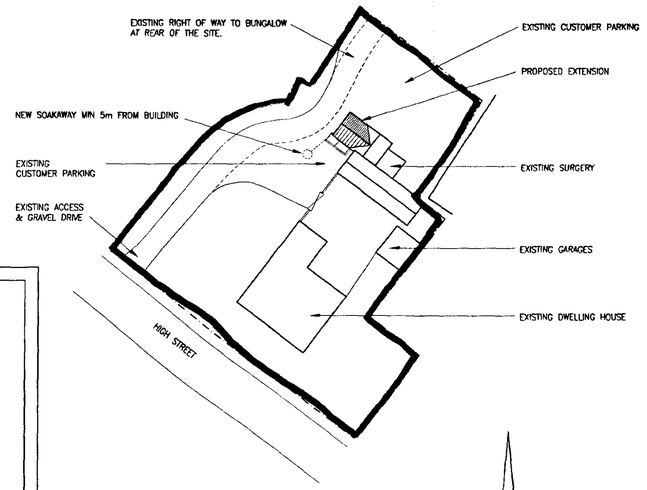

FRONT ELEVATION 1:100




SIDE ELEVATION 1:100




GROUND FLOOR PLAN
AS EXISTING 1:50




PROPOSED SITE PLAN 1:500

N

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

DS MAINS OPERATED SMOKE DETECTOR

SHDC
Planning & Development
- 2 MAY 2002
Ref. 0526/02

| revision | date | init. | revision details. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Project.
MR G. C. ELIAS

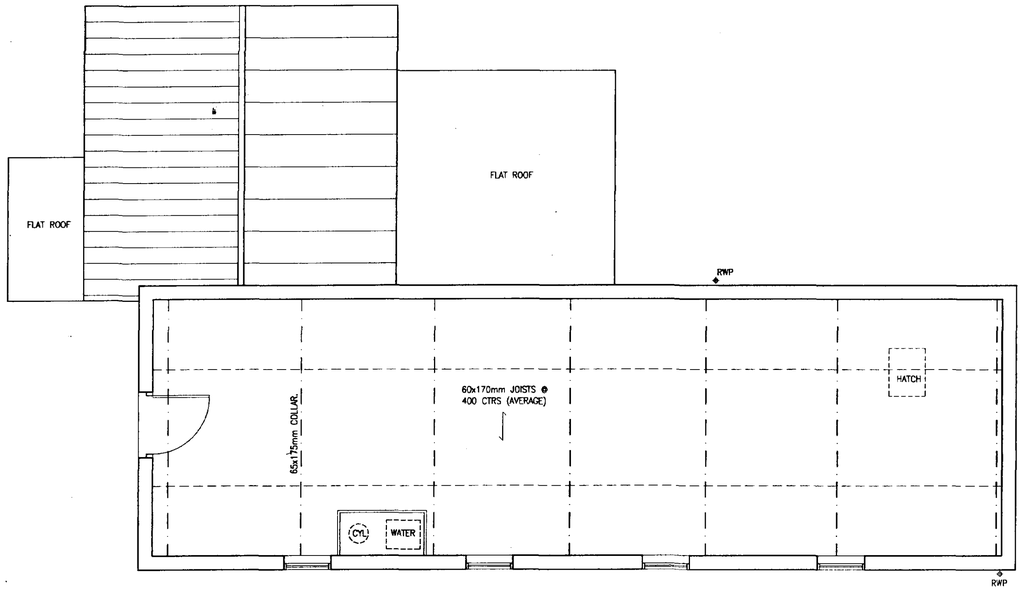
PROPOSED EXTENSIONS & ALTERATIONS TO DENTAL SURGERY
DENTAL SURGERY
THE LAWNS
LONDON ROAD
LONG SUTTON
LINCS

Drawing.

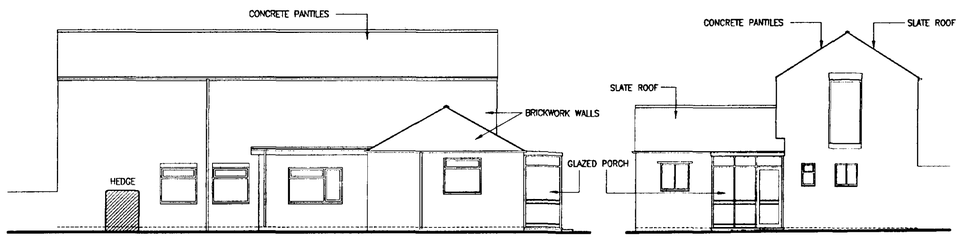
PROPOSED PLANS AND ELEVATIONS

| | |
|---|---|
| Scale 1:50, 1:100, | Drawing No. CH02-02/02 |
| Date. MARCH 2002 | Drawn. GH |

# PROPOSED EXTENSION & ALERATIONS TO DENTAL SURGERY - LONG SUTTON

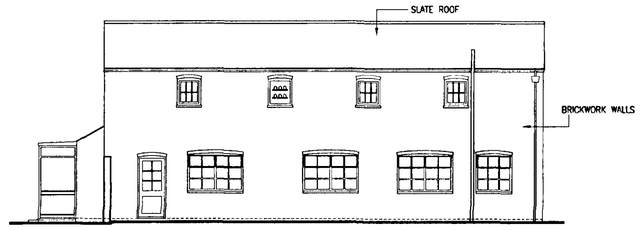



FIRST FLOOR PLAN
AS EXISTING 1:50

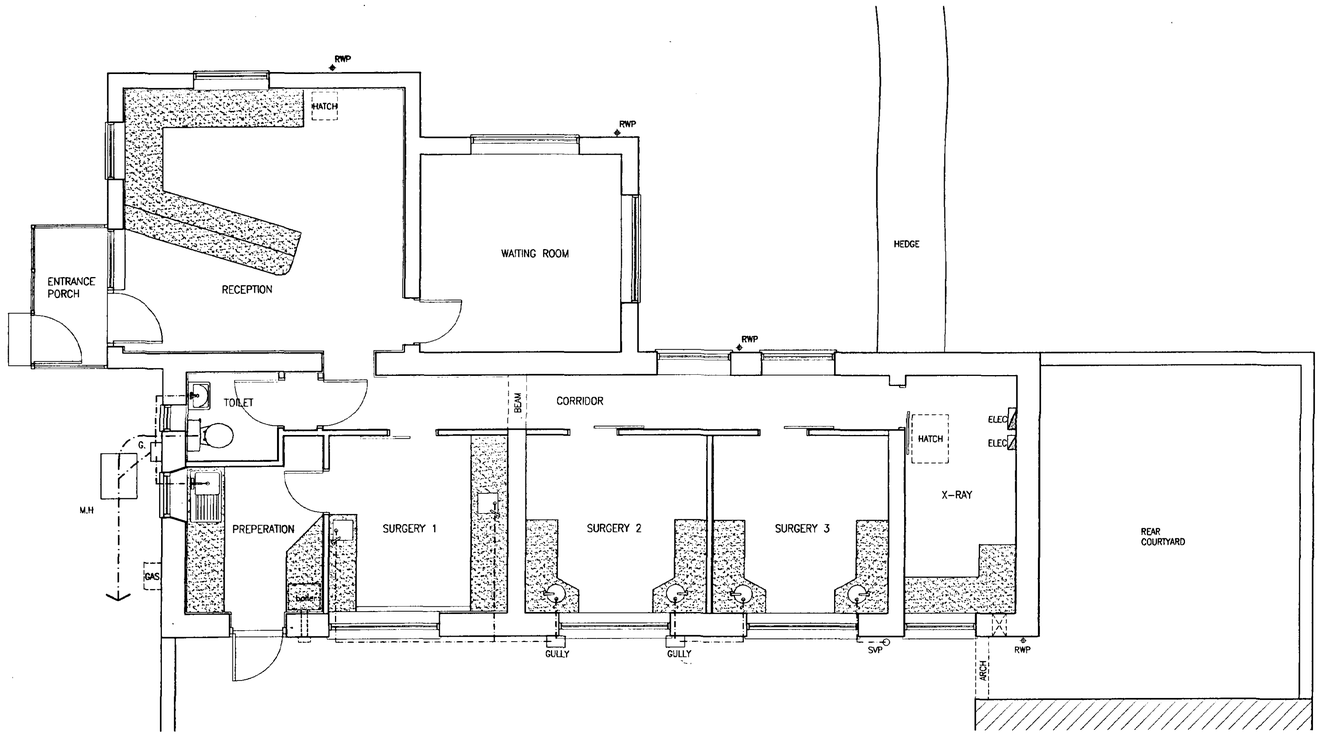



SIDE ELEVATION 1:100

FRONT ELEVATION 1:100




SIDE ELEVATION 1:100




GROUND FLOOR PLAN
AS EXISTING 1:50

Planning
- 2 MAY 2002
Ref. 0526/02

| 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.

EXISTING PLANS AND ELEVATIONS

| | |
|---|---|
| Scale 1:50, 1:100, | Drawing No. CH02-02/01 |
| Date. MARCH 2002 | Drawn. C.H |

# PROPOSED EXTENSION & ALERATIONS TO DENTAL SURGERY - LONG SUTTON

## DRAWING SPECIFICATION:

-LIMITATIONS
This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning/Building Regulation approval. The drawing must not be used as a contract document alone.
All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from this drawing for construction or ordering purposes. All given dimensionss shall be checked by the Builder/Contractor and will be his responsibility from commencement of site works.
The works will not be supervised or inspected on site by Chris Hicks Designs or any representative thereof. It is the clients or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

-COPYRIGHT RESERVED
Copies of this drawing must be made only with the written permission 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 acheive 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 independant 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. Twinaplate 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 webb 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: pt1: 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 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 blockwork 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 provide above lintels complete with stop ends and to project min 150mm past the lintel. 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.

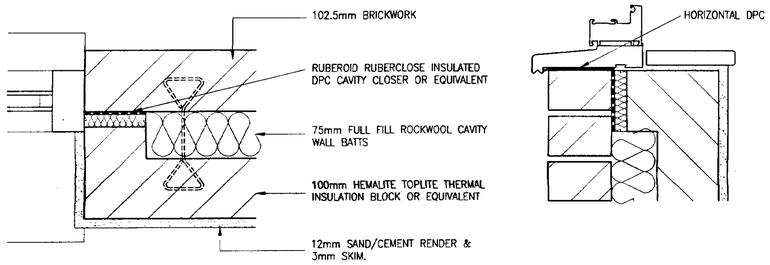
-SURFACE WATER DRAINAGE
115mm dia half round rainwater gutters to 63mm dia rainwater pipes. 110mm dia, underground pipes flexibly joined to a fall of 1.70 pipes bedded and surrounded in pea gravel and discharge to 1.2 dia soakaway min 5.0m to edge from Building.

-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 ffl and 800mm high and between ffl and 1500mm high in doors and side lights to be laminated safety glass to BS:6206. All windows/doors to be draught sealed.

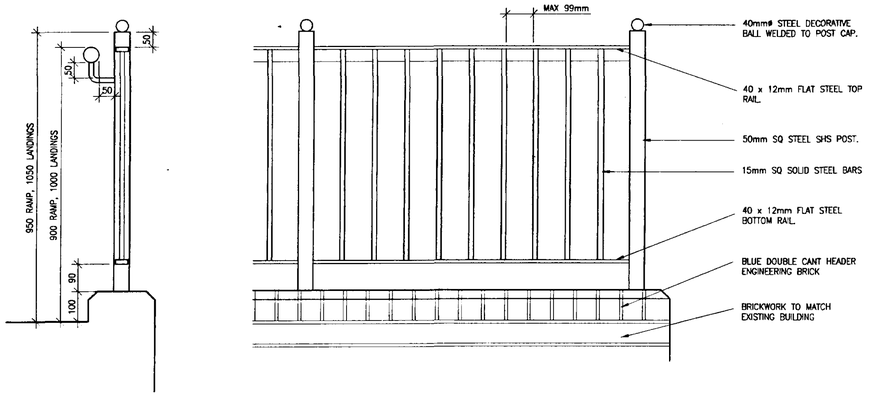
-VENTILATION
All new windows to have opening lights to give the equivalent of 1/20th the floor area. Provide background ventilation to habitable rooms equal to min, 8000mm sq permanent free air ventilation per room. To all other rooms provide min 4000 sq. All following rooms to have in addition to above, 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.

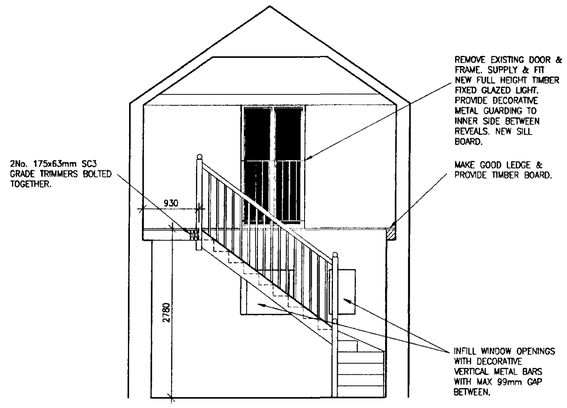
-GENERAL
All electrical installations to be in accordance with the latest IEE Regulations. Provide hot and cold water supply to all wash basins. All electrical switches and socket outlets to habitable rooms to be positioned at appropriate heights between 450mm and 1200mm from ffl.



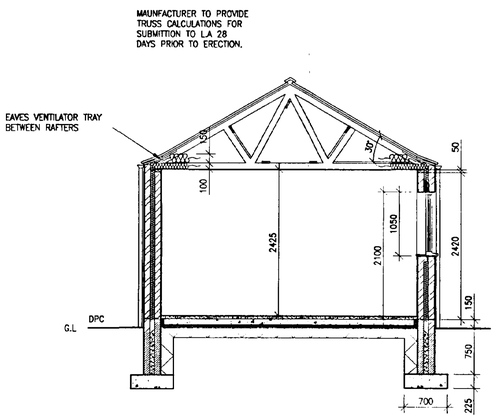

TYPICAL CAVITY CLOSER DETAIL 1:5




TYPICAL DISABLED RAMP GUARDING DETAILS
SCALE 1:10




SECTION B-B 1:50




SECTION A - A 1:50


Planning & Development
- 2 MAY 2002
Ref 0526/02


| 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.

SECTIONS, RAMP GUARDING DETAILS & CONSTRUCTION NOTES

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