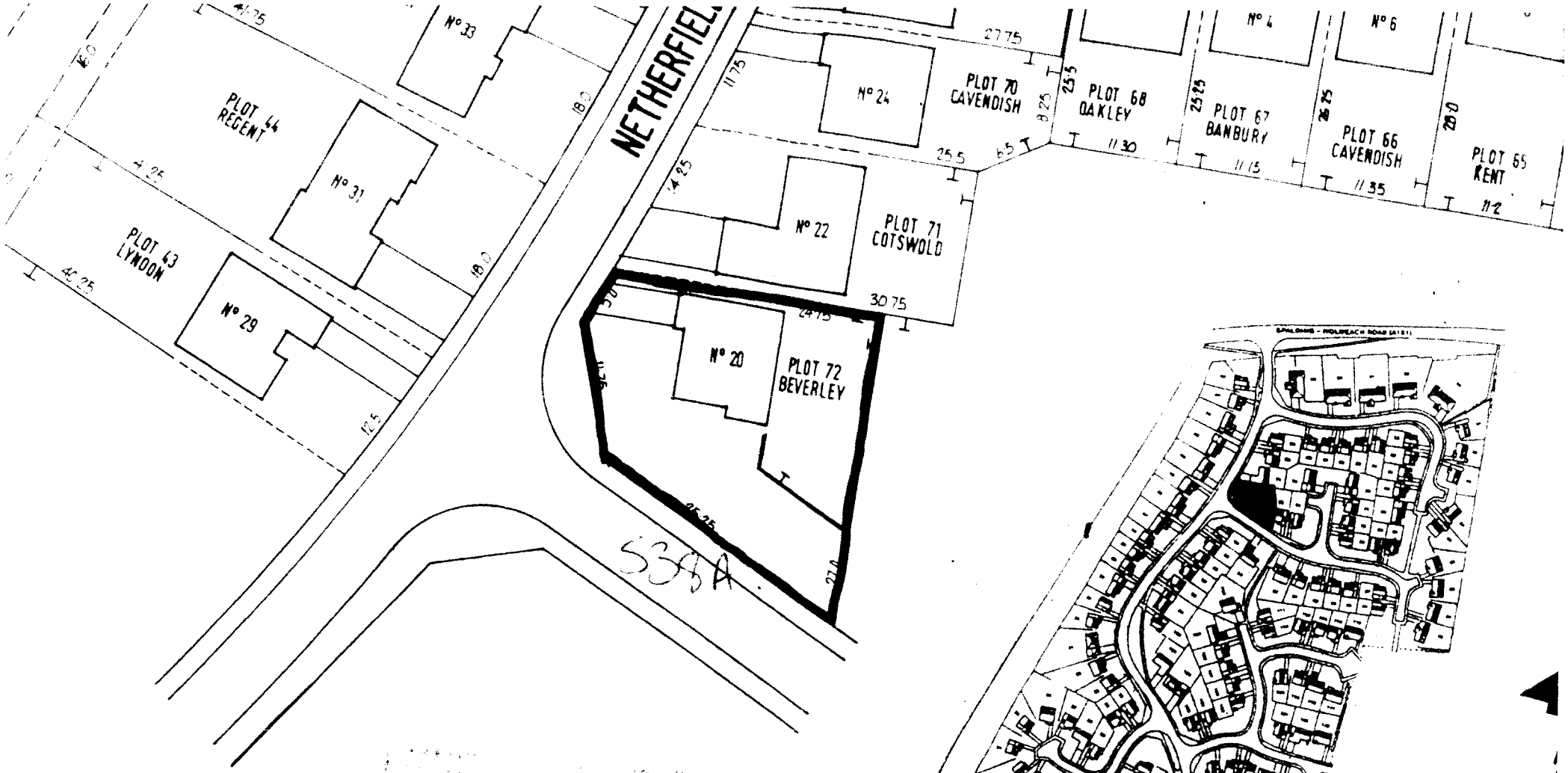



SITE LOCATION PLAN
(NOT TO SCALE)

SHDC
Planning & Development
19 SEP 2002
Ref H09/1042/02

# evelopment Off

DRAWING TITLE

## Conveyance and Land Registry Plan

REVISIONS

A - MARCH 06 PLOTS 49-53
B APRIL 06 FOOTPATH REVI



PROPOSED FRONT ELEVATION



PROPOSED SIDE ELEVATION



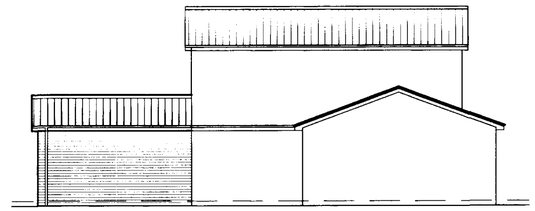
PROPOSED REAR ELEVATION

SHDC
Planning & Development
19 SEP 2002
Ref H09/1042/02

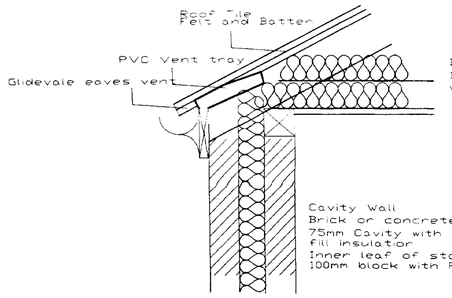
D.B. Bracken Design Services
to
Concept 2000 Design
&
Development
Ltd

DAVID AGGER

20 NETHERFIELDS HOLBEACH

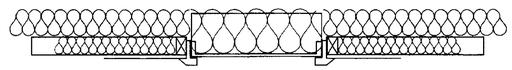


PROPOSED SIDE ELEVATION




Eaves Insulation detail

Min U value for roof Insulation to be 0.16W/m.sqK
Min U value for Trap door to be 0.35W/m.sqK



Roof insulation linked to Cavity Wall Insulation 100mm Fibre Glass between joists
150mm Fibre Glass across joists.Loft trap door Insulated to similar thicknes
fitted with draft seals and clip fastenings to prevent wind Uplift.

## Open Loft Roof Insulation

**WALL.**
NOTE - INSULATION
Wall construction for compliance with
building regulations Part L 1
U value 0.35W/m sq K
102mm Facing brick
75mm cavity with 75mm Jablite Insulation
Inner leaf of 100mm Standard Celcon or Equivalent
U value Insulation blocks with Plaster finish
6no stainless steel wire ties per 1m sq and cavity
Insulation linked to roof insulation
Inner leaf of 100mm aerated blocks maximum density 1100kg/m
Movement joints as indicated. Incorporate bricktor or similar
expanded metal to mortar coarsing 215mm below all windows
Inner face of all blockwork rendered and skimmed. Internal faces
of steel lintels to be covered with min 15mm lightweight plaster.
Cavity to extend min 150mm below dpc at perimeters.

**LINTELS**
Install IG or similar steel lintels to all openings.
Internal void of lintel to be filled with Insulating material.
Internal face of steel lintels to be covered with Insulation
to minimise thermal bridging.Frames must also overlap the
Insulated cavity closures by 30mm

**FOUNDATIONS.**
Concrete strip foundations,min depth 750mm or 1m where
subsoil is of a shrinkable nature,but in all cases in full
compliance with Building inspectors requitements
600mm wide to cavity walls, 450mm to internal walls.
Founds to be 250mm thick.Reinforced to soft spots as necessary

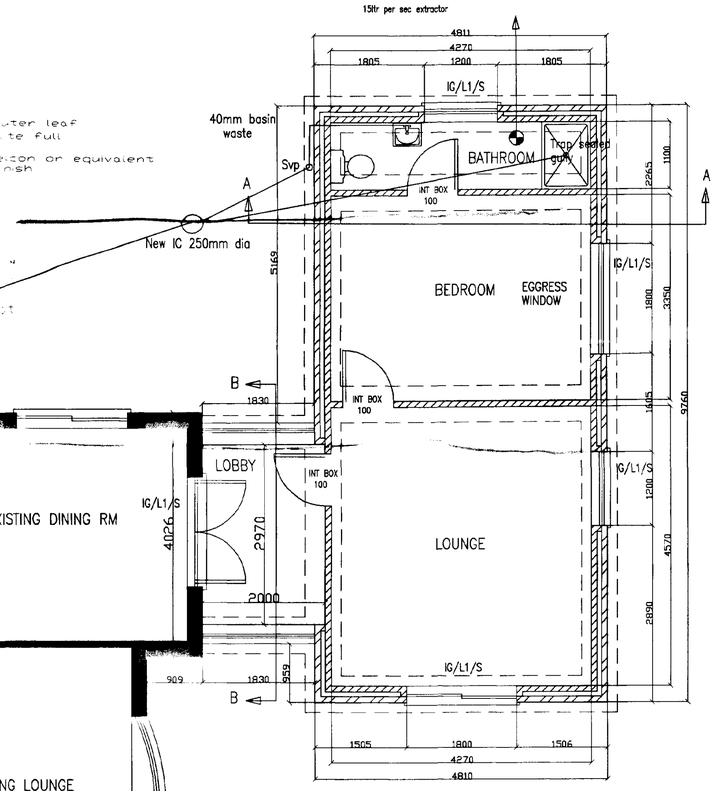
**FLOOR.**
Ground bearing floor slab.
Strip back 150mm approx vegetable soil.
150mm consolidated and blinded hardcore backfilled and rammed
to internal foundations.100mm Jablite insulation with 100mm
upstand around edges.1200 Ploythene dpm linked to dpc.
100mm site concrete.50mm cement sand screed.

**CEILINGS.**
Ceilings of 12.5mm Plasterboard and skim or Artex finish through
out to BS. 1230 part 1 with sealed and supported cross joints
and timber noggins to edges of boards size 30x47mm.

**INSULATION.**
100mm fibre glass between roof joists,150mm fibre glass
across joists. Cavity wall insulation 75mm Superglass.
Loft hatch to be insulated.
All pipework outside insulated areas to be fully lagged
with 12mm Neoprene foam.
Pvc vent trays to be incorporated between rafters at eaves

**EGRESS WINDOWS**
Egress windows to be provided to all ground floor habitable
rooms which are an inner room situation.
Egress windows to be provided to all first floor habitable
rooms,Windows provideo for egress purposes to have min
unobstructed area of 0.33msq.m
and have a clear min height and width of 450mm.The bottom
of the window should be not more than 1100mm above the
floor.Upper storey escape windows should be at least 800mm
above floor as protection against falling

**ROOF.**
To be laid to manufacturers instructions and specification
on sarking felt and tile batters 25x38mm on Trussed Rafters
designed and fabricated to BS 5268 at 600mm c-c.
Braced together to BS 5268 1985 pt3. 100x25mm binders
at joist and ridge nodes and at plane of truss webs.
Pitch as specified,contractors are reminded that where roofs
have to join adjacent structures,the pitch Must be checked on site
Manufacturers details/dimensions to be checked on site before ordering
Deminishing trusses/layboards and valley trays or tiles to roof
intersections and manufacturers compound truss as appropriate.
Diagonal bracing 100x25mm running from eaves to inner binders
on top of ceiling joists and inner truss plane.75x100mm wall plates
Facia board offset 250mm from brickwork.6mm masterboard soffit
with continuous Glidevale soffit vent strip. Equivalent to 25mm
Ridge ventilation where necessary to give equivalent of 10mm continuous gap
full length of roof.
Code 5 stepped lead flashing at roof wall intersection




PROPOSED EXTENTION

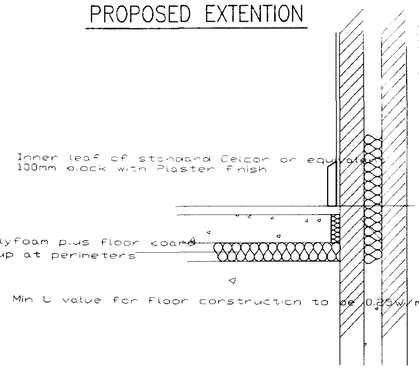
**GLAZING.**
All windows double glazed with 28mm with 'K' Glass
sealed units. All opening windows and doors to have full draft
seals including the loft hatch. Loft hatch to be fitted with
suitable fastening to compress seal.
Opening lights to give 1/20th floor area in ventilation
All glass to be Hardened or toughened to BS 6262 with
safety glass to BS 6206 CLASS B.
All glazing in critical locations to be of a type likely to cause
injury to people upon impact the following types as marked
All glass lower than 1,500mm above floor,to doors adjacent side lights
and windows
All glass lower than 800mm above floor level elsewhere
Laminated or toughened glass to be specified and manufactured
to BS 6206:1981

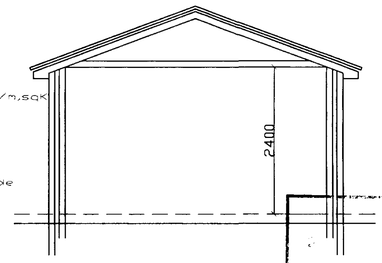
**ELECTRICS.**
Electrical installation to comply with 16th Edition IEE wiring
regulations.Note provide lighting in roof space for
safe access and working to roof tanks.Close to hatch.
Lighting having a luminous efficiency greater than 40 lumens
per circuit-watt(for example flourescent tubes and compact
flourescent lamps.Not tungsten lamps with bayonet cap or Edison
screw bases).
All external lighting to automatic ... is energy
daylight (or when they are not ... sockets
that can only be used with lamps ... efficacy
greater than 40 lumens per circuit watt,for example fluorescent
tubes and compact flourescent lamps, not GLS tungsten
with bayonet lamps with bayonet cap or Edison screw ba...

**EGRESS WINDOWS**
Egress windows to be provided to all ground floor habitable
rooms which are an inner room situation.
Egress windows to be provided to all first floor habitable
rooms;Windows provideo for egress purposes to have min
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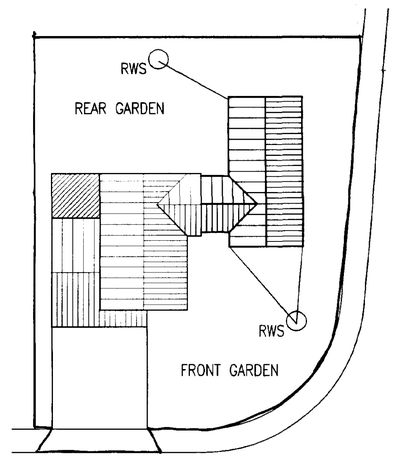
**SOIL DRAINS.**
All new soil ... 110mm dia pvc with flexible joints and laid to
falls in 150 mm pea gravel bed and surrounds.Cap
trenches beneath driveway ... pipe concrete/sleeve all
pipes through or under roofs/walls with 150mm dia pvc pipes
Bridge with 100x50mm pre stressed conc lintels
Inspection chambers of B.S.M.A type universal to suit manu-
facturers instructions and installation details.for depths ...
Lightweight Screw down covers to be fitted to all ... covers
All gulleys to be fitted with fixed metal or plastic grates ...

**STORM DRAINS.**
All ... as specified for soil drains to 1m cube rubble filled
soakaway ... min 5m from any buildings or road. or in any areas
of unstable londinot in ground where the water table reaches the
bottom at any time and is sufficiently far from any other drainage fields
or other soakaways.so that the overall soakage capacity is exceeded.
The outfall drainage system must be designed following a percolation test.
Gutters 110mm square line UPVC Down pipes in 65mm dia pvc
Driveways footpaths and means of access for disabled to be free draining
to soft vegetations/gravell filled french drain or in special circumstances to
Storm sewer




TYPICAL SECTION A,A




BLOCK PLAN 1=200

DRAWING/FILE No 751-D-AGGER-1
PROJECT
PROPOSED EXTENTION TO EXISTING DWELLING

| | |
|---|---|
| SCALE | 1=50 1=100 |
| DATE | 07/08/2002 |
| DRAWN | M.D.B |
| Issued | |
| Revisions | |

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19 SEP 2002
APPROVED

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