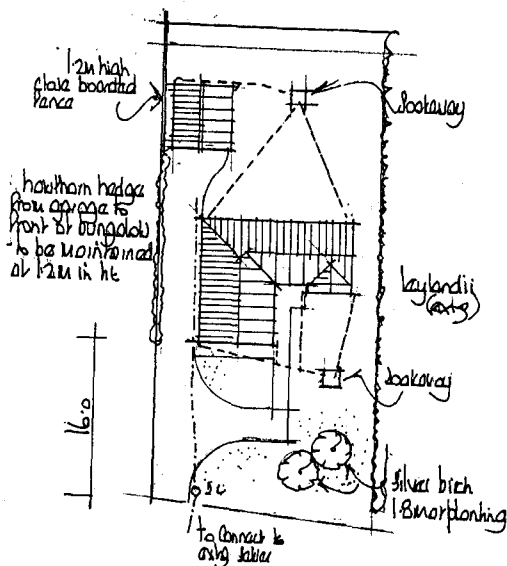
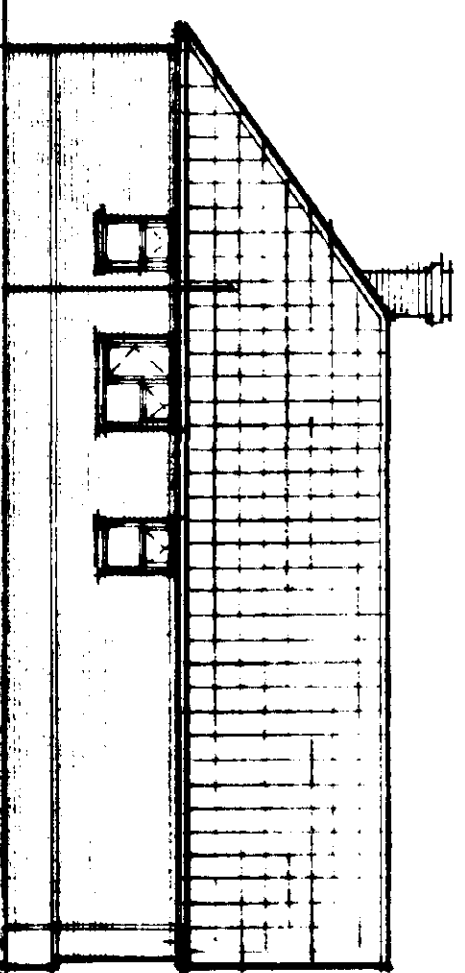
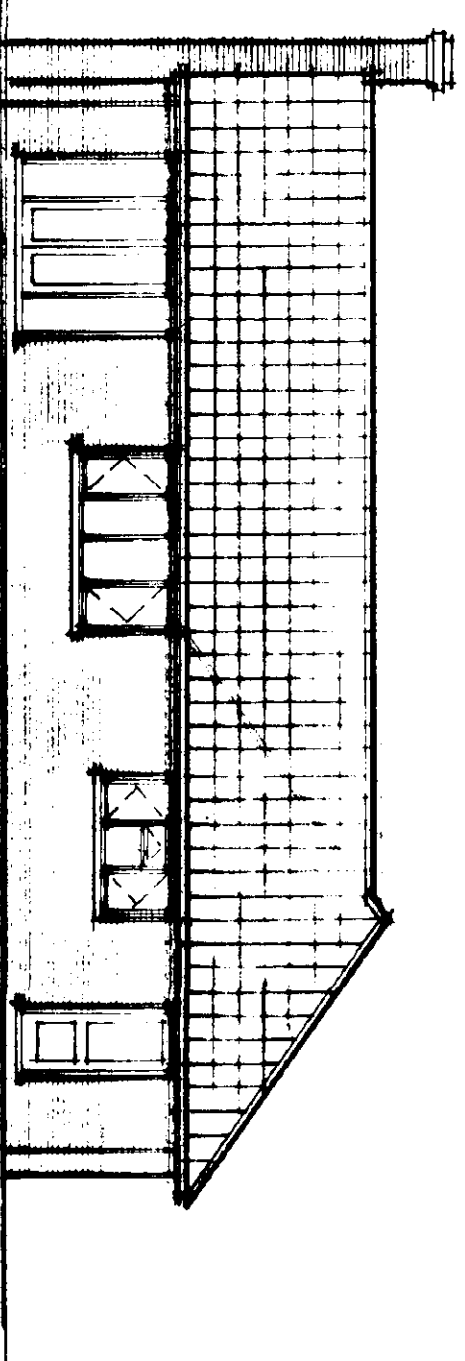
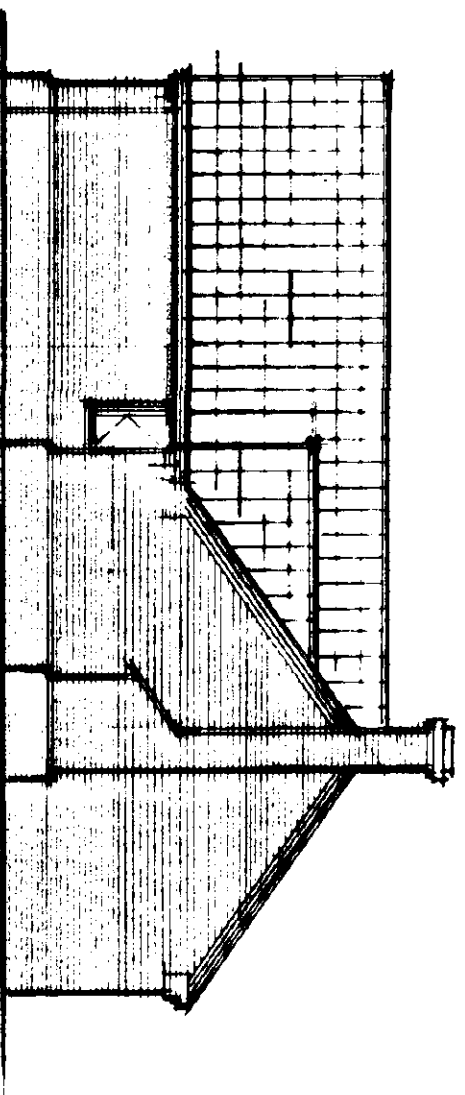
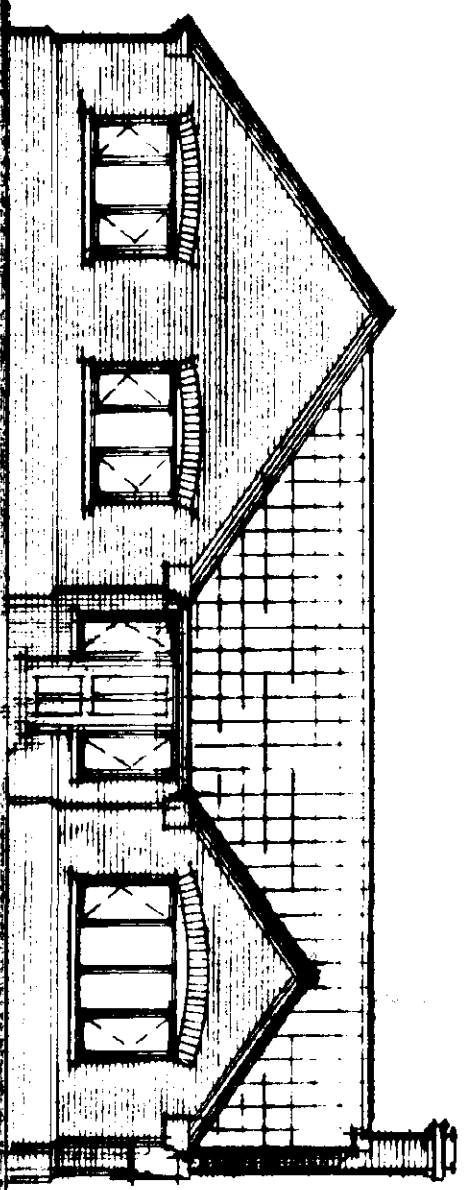




BLOCK PLAN

**DETERMINED
PLAN**



Moller Mendon
de Engenharia Ltd
Bairro do Burgo
1987

SOUTH

FLOOR CONSTRUCTION

Foundations to be 674 grade concrete
For 205mm walls foundations to be 600 x 230mm
For 100mm walls foundations to be 450 x 230mm
Foundations to be taken down to a firm loadbearing strata, a min. 1.0m if in stratified soil in accordance with the requirements of the Local Authority and the relevant Building Regulations. The site and soil survey are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.

WALL CONSTRUCTION

Below Ground
To be 100mm Class A concrete blocks
Cavity to be filled to 25mm below lowest dpc level with lean mix concrete
Above Ground
To be 205mm above finished ground level
100mm facing brick (to be F1 quality below dpc level)
65mm mineral wool insulation (i.e. Dribham (K = 0.026))
100mm loadbearing insulation blocks (K = 0.04)
All to be tied together using stainless steel wall ties positioned at distance not exceeding 600mm horizontally, 450mm vertically and staggered. To be at every block course vertically at all returns and reveals.
Internal finish to be 12mm plaster with premium master skim finish to give a 'J' value of 0.41 W/m²K
12.7mm plasterboard and skim finish.

INTERNAL WALLS

To be 100mm blockwork constructed off a dpc of the floor slab/foundation as indicated
DPC in Walls
To be a min. 150mm above finished ground level
An insulating vertical cavity closer and dpc, i.e. Thermoblock, is to be provided at cavity closures
A dpc cavity tray, stepped as applicable, is to be placed within the wall immediately above an element.

UNITES

Unites to be IG or similar and equivalent, to have a min. 150mm end bearing and be installed in strict accordance with manufacturers instructions with a dpc cavity tray over where applicable.
Unites over internal openings to be IG internal 100mm unit
Unites specified otherwise.
Unites to be protected with min. 15mm gypsum plaster skim finish to give a min. half hour fire protection.
WINDOWS & DOORS
Windows and doors to be purpose made UPVC double glazed with 12mm air gap to sealed units and weather stripped.
Windows to habitable rooms are to incorporate a comprehensible view of 600mm², 400mm² to non habitable rooms.
Glazing to windows less than 600mm and doors (include sightlights to doors) less than 1500mm above floor level is to be laminated or toughened glass in accord with BS5393 : 1981.

SMOKE DETECTION

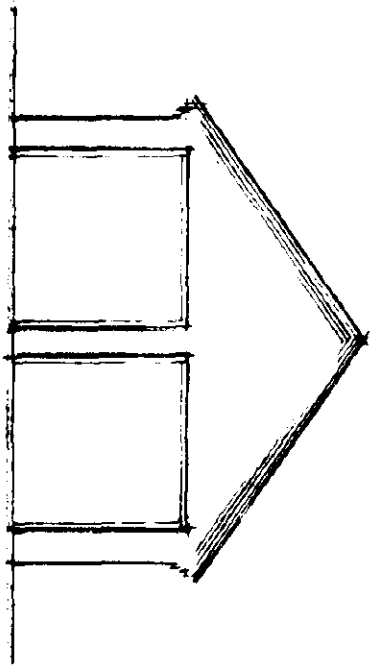
Self contained smoke alarms complying with BS5446 : Pt 1 : 1989 are to be installed where indicated on the drawing. An alarm must be positioned within 3.0m of bedroom doors.
The alarms are to be permanently wired to a separately fused circuit at the distribution board operating at a low voltage via a mains transformer.
The wiring installation is to comply with the I.E.E. Regulations.
ELECTRICAL INSTALLATION
The Electrical Contractor is to ensure that the electrical installation is in full compliance with the latest edition of the I.E.E. Regulations.
Any electrical fitting indicated on the drawing in a position contravening these regulations must be relocated in order to achieve full compliance.

CHIMNEY CONSTRUCTION

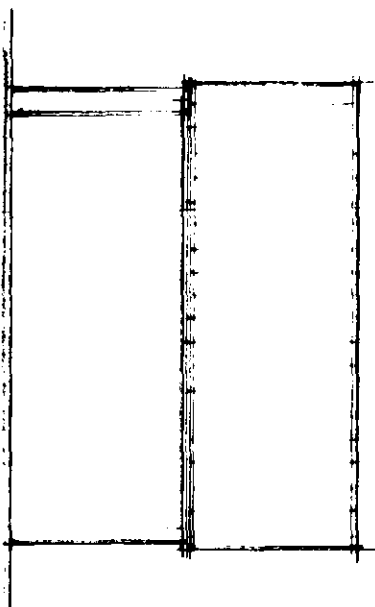
The chimney is to be constructed incorporating clay flue liners to BS1181 : 1989. Liners to be a min. 200mm internal diameter and laid socket, uppermost. Weak mix concrete is to be used to fill the voids between the masonry brickwork of the chimney and the flue liner. Chimney to terminate as indicated on elevation and flashed to the roof using Code 4 lead flashing, stepped as applicable, dressed up the chimney a min. 150mm height to open fire to be min. 125mm o/s thickness. Project 50mm from the face of the flue and extend 150mm past the joints of the flue.
Frequent fixing points to be provided.
A permanent air entry opening, to BS3303 : 1990, or at least 50% of the throat area is to be provided where indicated.

DRAINAGE

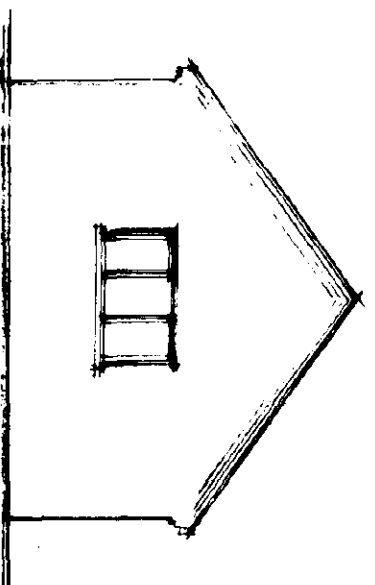
Excavate for and lay in where indicated 100mm diam. flexible jointed UPVC drains on 100mm pea gravel bed from 100mm diam. upturned bend at base of downpipe to surface water soakaway.
Form soakaway where indicated a min. 5.0m from the nearest building. Excavate 2200 x 1200 x 1200mm deep, backfill with brick rubble to 300mm below ground level, lay in steel polythene and make up with vegetable soil.
Soakaway
Supply and install proprietary upvc inspection chambers on 100mm pea gravel bed in strict accordance with manufacturers instructions. Inspection chambers to conform to the following sizes :
Internal diam. 100mm
150mm
180mm
200mm
220mm
240mm
260mm
280mm
300mm
320mm
340mm
360mm
380mm
400mm
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440mm
460mm
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26600mm
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26700mm
26720mm
26740mm
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26800mm
26820mm
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27300mm
27320mm
273



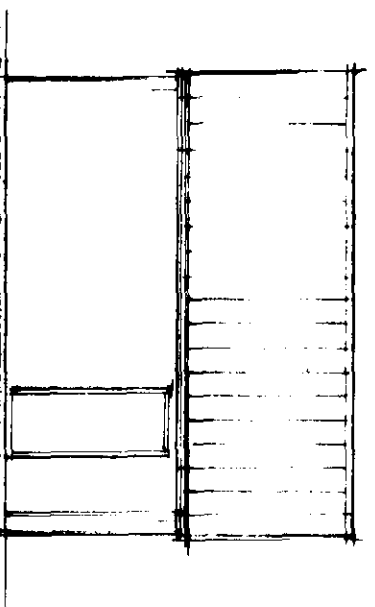
WEST



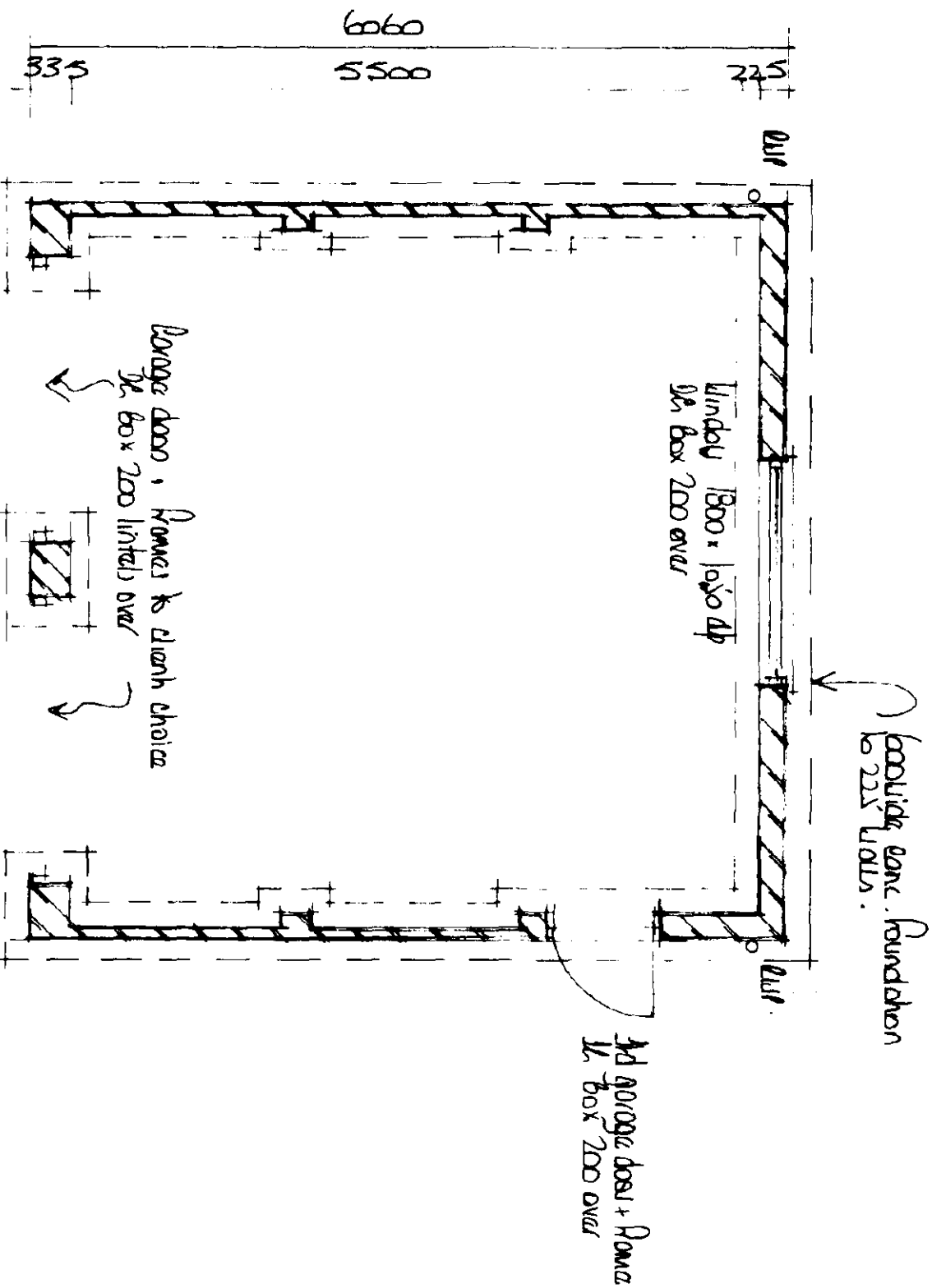
NORTH



EAST

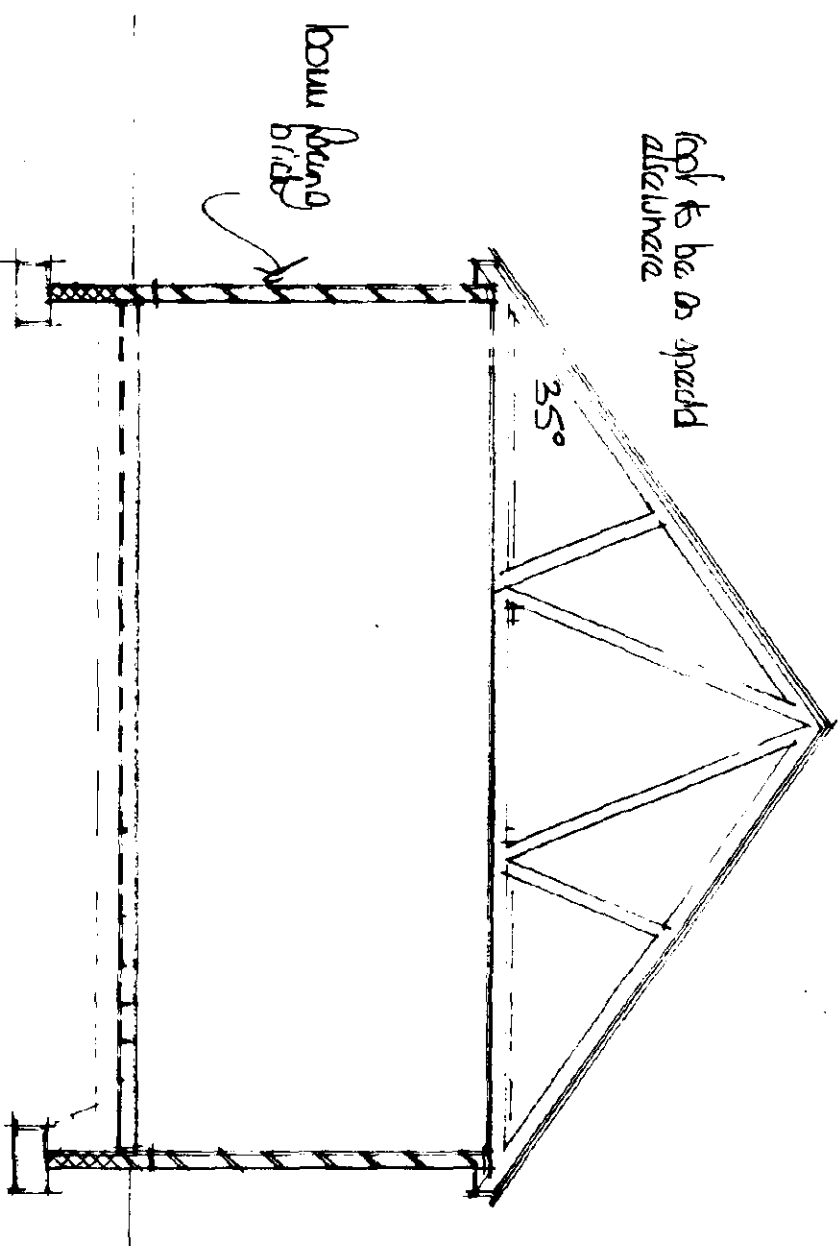


SOUTH



440	2285	440	2285	440
100		5690		100
		5890		

PLAN



SECTION

15.00.000
Rev 04/9/96

Drawing Title		Project Title		Client	
Plan, Section and Elevation of Garage		Peppers Building at Lollate		Mr. Mrs S. Watson	
Scale 1:50, 1:100		Job Title		Client	
Date July 96		Drawn by AL		Client	
Dwg No. 96147103		Rev		Client	

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A	Date	Revisions

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