roof:
GREEN PLASTIC COATED STEEL SHEETING TO BLEND WITH EXISTING ON 40mm GLULAM P.A. SHEETING SET IN WHITE 'T' BARS OR METAL LINER SHEET WITH 80mm FIBREGLASS INSULATION QUILT ON ANGLE 'L' PURLINS MFG WITH MID SPAN SAG BARS : REFER TO ENGINEERS CALCULATIONS . PROVIDE IN POSITIONS SHOWN 60A GRADE DOUBLE GLAZED ROOF LIGHTS (EXACT NO OF ROOFLIGHTS TO SUIT CLIENTS REQUIREMENTS : 200 x 150 BOX SECTION GUTTERS WITH 150 ø DOWNPIPES DISCHARGING TO 150ø UNDERGROUND PIPES WITH BED AND SURROUND OF 150 PEA GRAVEL . PROVIDE 450 x 600 INSPECTION CHAMBERS WITH 300 DEEP CATCHMENT PITS : 225 CLASS 'B' ENGINEERING BRICKS . MEDIUM DUTY COVERS AND FRAMES : FINAL DISCHARGE TO EXISTING SURFACE WATER DRAIN TO FRONTAGE OF SITE.

glass:
ALL GLASS TO BE TO APPROVED DOCUMENT 'N' AND TO BS: 6206: 1981 : TO BE SET IN PROPRIETORY GLAZING SYSTEM (PURPOSE MADE TIMBER) TO INCLUDE ANY BEADS AND TIES : GLASS TO ALL DOORS AND ANY SIDE SCREENS TO BE TOUGHENED OR LAMINATED.

doors:
ALL DOORS TO OPEN OUTWARDS AND SERVE AS EMERGENCY EXITS WITH APPROPRIATE ILLUMINATED SIGNS OVER : PROVIDE EFFECTIVE SELF CLOSING DEVICE TO EACH EXCEPT SINGLE DOOR GIVING ACCESS TO WC'S WHICH SHALL BE PROVIDED WITH PANIC BOLTS AND SIGNED AS BEFORE PLUS "PUSH BAR TO OPEN" INTERNALLY AND EXTERNALLY "FIRE EXIT - KEEP CLEAR" : EACH DOOR TO HAVE AN EFFECTIVE MINIMUM WIDTH OF 800MM : RAMPS TO OR LEVEL SURFACES SHALL BE PROVIDED AT ALL DOORS AND SHALL BE FREE OF THRESHOLDS : MAX GRADIENT TO ANY RAMP 1-12.

toilet facilities:
A COMPREHENSIVE SCHEME OF TOILET FACILITIES INCLUDING DISABLED IS AVAILABLE THROUGHOUT THE GARDEN CENTRE COMPLEX.

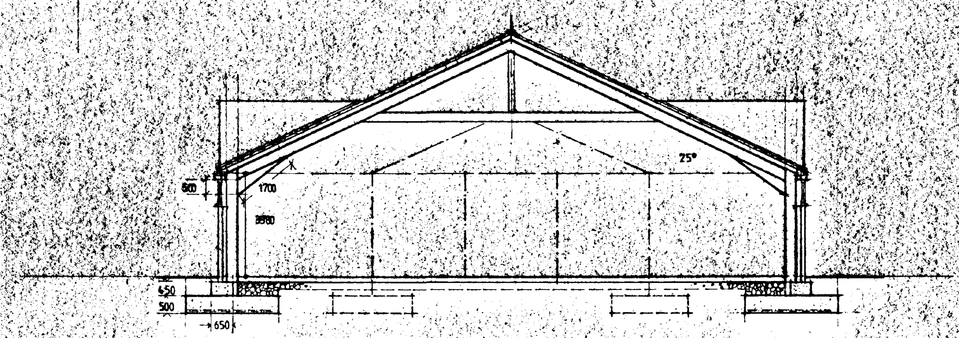
lintels:
PROVIDE OVER OPENINGS LINTELS AS MANUFACTURED BY MESSRS. IG AND INSTALLED IN COMPLETE ACCORDANCE WITH MAKERS INSTRUCTIONS INCLUDING MIN. 150 END BEARINGS AND CAVITY TRAY DPC : LINTEL TYPES TO BE IG. L115.

walling:
265 CAVITY WALL CONSTRUCTION TO CONSIST OF COURSED RANDSTONE EXTERNALLY : 65MM CAVITY WITH CELOTEX FULL FILL CAVITY WALL INSULATION : INNER LEAF FROM 100MM SOLID INSULATION BLOCKS (TARMAC TOPBLOC) OR SIMILAR . CAVITY WALLS TIED TOGETHER USING GALVANISED IRON TWIST TIES SET AT 900 HORIZONTALLY AND 450 VERTICALLY TO BS: 1243: 1978 : PROVIDE CAVITY WALL TIES AT 225 VERTICAL CENTRES AT ALL UNBONDED CLOSURES OF CAVITY : AT ALL CLOSURES OF CAVITY TO JAMBS LINTELS AND CILLS PROVIDE 'DAMCOR' OR SIMILAR INSTALLED IN ACCORDANCE WITH MAKERS INSTRUCTIONS. DPC'S TO BE SET MIN 150 ABOVE FINISHED GROUND LEVEL . ALL TO BE TO BS: 6398: 1983: 1991.

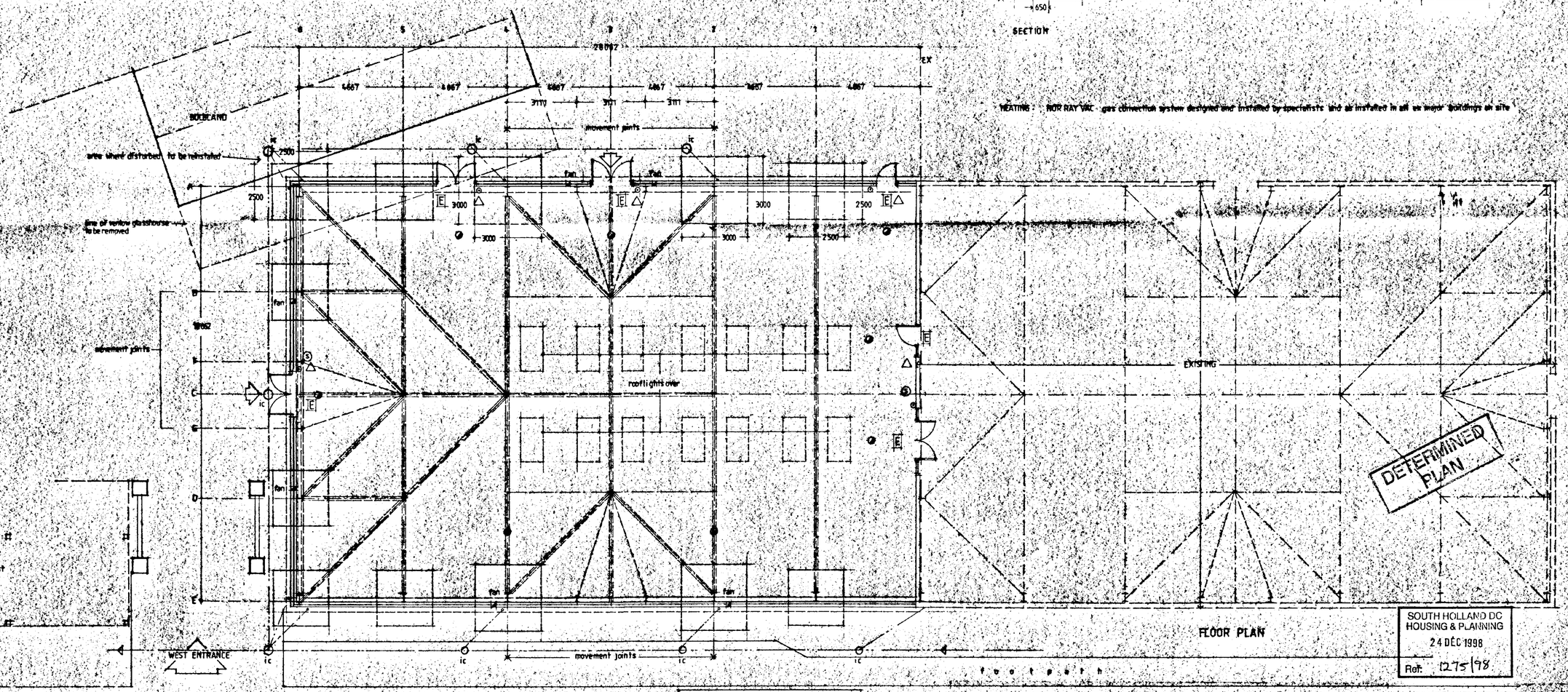
floor:
CONSTRUCTION SPECIFICATION AS USED ON PREVIOUS DEVELOPMENTS ON SITE : FLOOR TO BE 100MM THICK C35 CONCRETE WITH 2 LAYERS A142 MESH WITH 50 COVER WITH POWER FLOAT FINISH : TO BE LAID IN REGULAR BAYS WITH 12MM FLEXEL TO JOINTS : TO EACH JOINT PROVIDE 12MM STARTER BARS SET AT 600 CENTRES AND PROTRUDING BY 600 : 12MM FLEXEL TO ALL PERIMETERS : 1200 G POLYTHENE MEMBRANE LAPED CONTINUOUS WITH DPC BY 100 MIN MIN 150 WELL CONSOLIDATED HARDCORE WITH SAND OR DUST BLINDING.

foundations:
GROUND BEARING CAPACITY ASSUMED TO BE NO LESS THAN 0-35KN/M2 AS PREVIOUS DEVELOPMENT : REFER TO ENGINEERS CALCULATIONS : PROVIDE 450 DEEP X 600 WIDE CONCRETE RING BEAM REINFORCED AS SPECIFIED IN CALCULATIONS : RING BEAM POSITIONED OVER STANCHION BASES : MAIN BASES TO BE 3-0 X 3-0 X 500 AND SECONDARY 2-5 X 2-5 X 500 ALL WITH 2 LAYERS A393 MESH TO BOTTOM WITH MIN 50 COVER : ALL BASES TO BE C35 CONCRETE . MINIMUM CEMENT CONTENT 300KG/M³ : MAXIMUM WATER CEMENT RATIO 0-6. REFER TO CALCS FOR ANY C.L. OFFSETS ETC.

steel frame:
TO BE IN COMPLETE ACCORDANCE WITH ENGINEERS STRUCTURAL CALCULATIONS : THE STRUCTURAL STEEL FABRICATOR SHALL BE RESPONSIBLE FOR PRODUCING HIS OWN FABRICATION DRAWINGS AND SHALL FAMILIARISE HIMSELF WITH THE SITE AND EXISTING STRUCTURE AND SHALL CHECK / CONFIRM ALL DIMENSIONS ON SITE PRIOR TO FABRICATION . IN THE EVENT OF THE GROUND WORKS BEING CARRIED OUT BY OTHERS HE SHALL FURTHER SATISFY HIMSELF AS TO THE ACCURACY OF CENTRES AND BOLT SOCKETTING ETC.



SECTION



FLOOR PLAN

HEATING : HOT RAY VAC - gas convection system designed and installed by specialists who are installed in all ex major buildings on site

E emergency exit with illuminated sign over
emergency lighting
S siren
break glass call point
△ 4½kg dry powder extinguisher

Note: CDM regulations apply to this project the main contractor shall appoint a planning supervisor

WISEMANS GATE

fan provide air extraction fans in positions shown - type and rating and design by specialist.

entrance/exit doors shall be min 800 wide for access of disabled - ramped / level access - no threshold

THIS DRAWING TO BE READ IN CONJUNCTION WITH STRUCTURAL ENGINEERS CALCULATIONS

SOUTH HOLLAND DC
HOUSING & PLANNING
24 DEC 1998
Ref: 1275/98

DETERMINED PLAN

CLIENT	BAYTREE NURSERIES AND GARDEN CENTRE
PROJECT	proposed extension to existing building at garden centre high road weston spalding lincs.
SCALE	1:100
DATE	DECEMBER 1998
DWG. NO	B/PDE/98/01
REVISION	

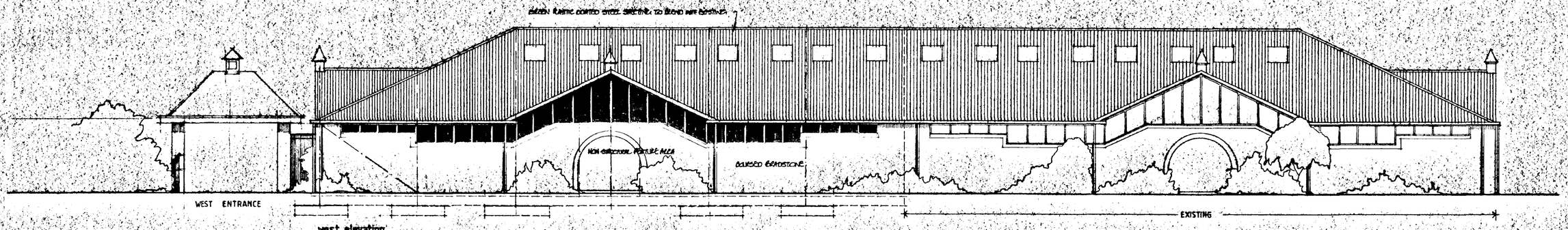
All dimensions to be checked and verified on site prior to commencement of works.

ground bearing capabilities are assumed to be normal unless deemed otherwise with due account given thereto.

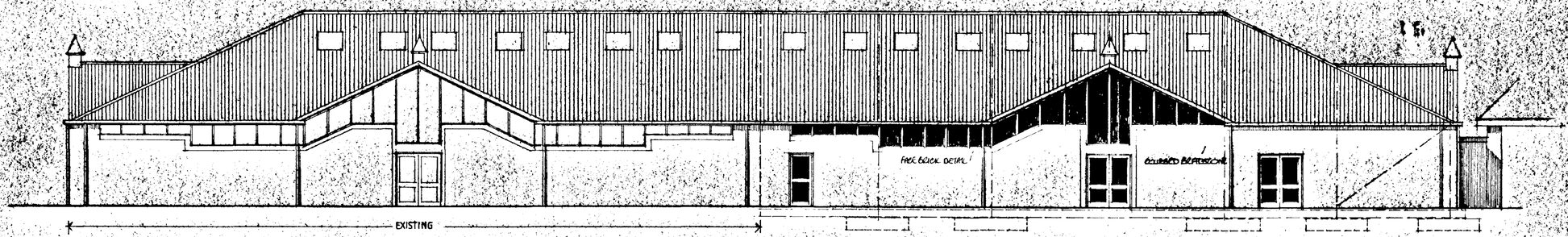
All drawings are issued subject to Local Authority approval where appropriate

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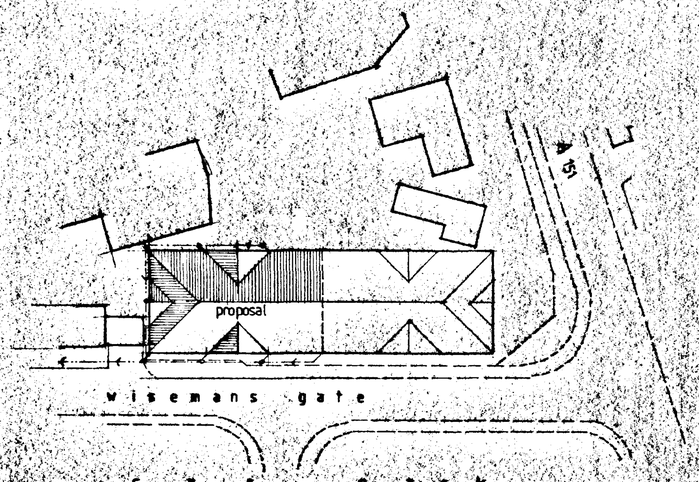
west elevation



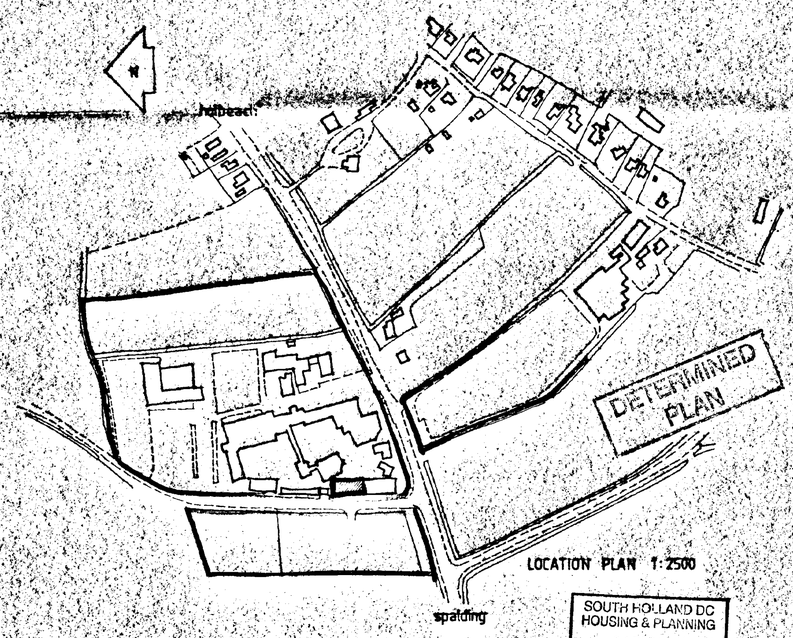
east elevation



north elevation



BLOCK PLAN 1:500



LOCATION PLAN 1:2500

SOUTH HOLLAND DC
HOUSING & PLANNING
24 DEC 1998
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