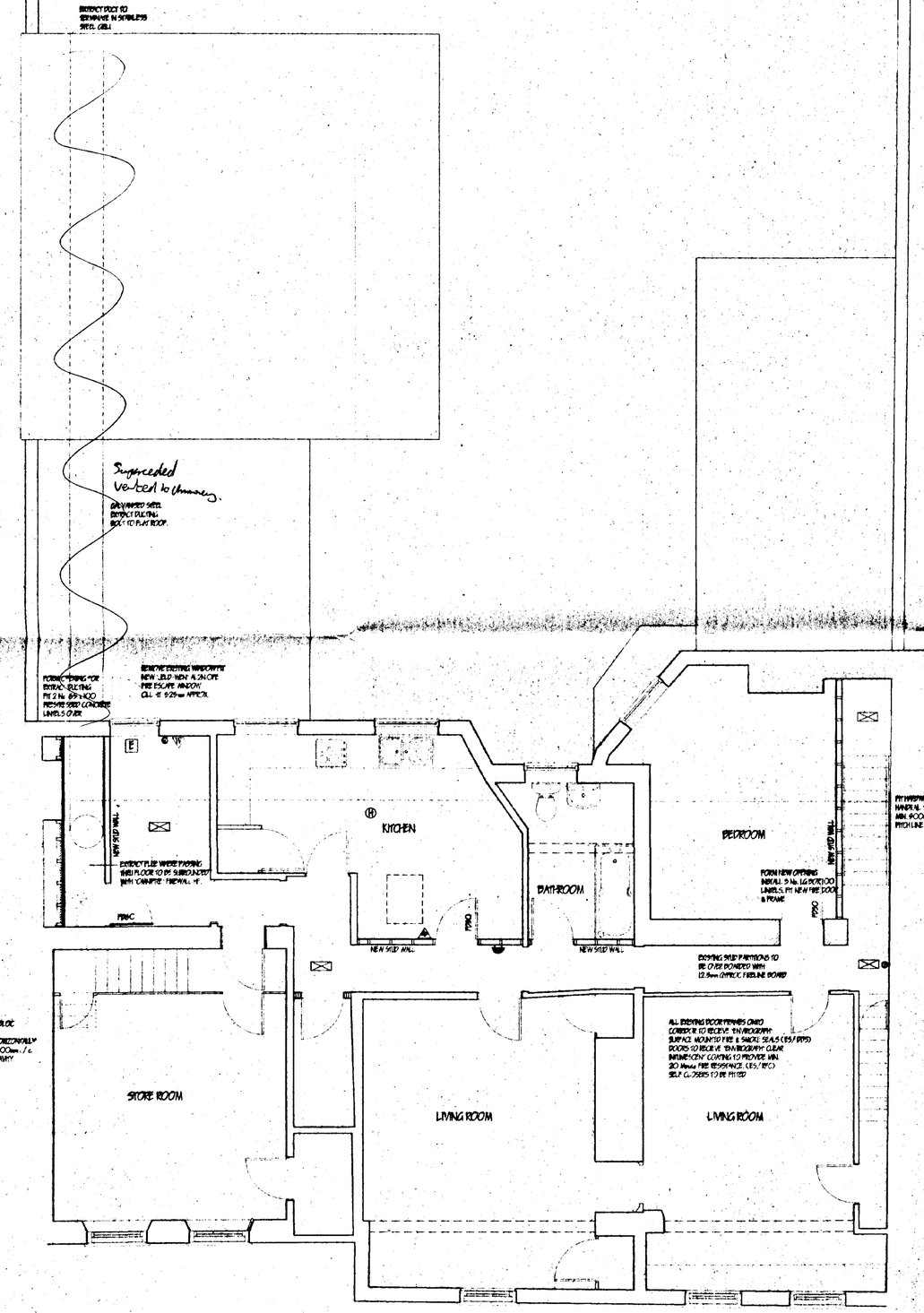

FIRST FLOOR

ROLL DRAINAGE
Inspection chamber construction to be "Osmal" and installed in accordance with makers' instructions with the internal diameter related to the depth in accordance with B.S. 65301995. Foul drainage pipes to be 110mm dia. UPVC, to B.S. 4660:1989 flexibly jointed and laid to makers' instructions to a fall of 1:70 laid 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 apt. around pipe, openings sealed both sides of wall with rockpal shrink material. Soil and vent pipes to be 110mm dia. PVC to B.S. 4514: 1969 and to extend 900mm above window head terminating with P.V.C. balloon. Waste pipes to be generally 40mm dia. If over 3.0m long run increase to 50mm dia. All P.V.C. to B.S. 5049 1979 complete with caulking rings at every change of direction. Baths, basins and sink to have 75 deep seal traps. Shower to be served as 150mm plinth with access plate to anti-syphon trap and 50mm waste.

SURFACE WATER DRAINAGE.
125mm dia. half round rainwater gutters to 78mm dia. rainwater pipes 110mm dia. underground pipes flexibly jointed to a fall of 1:70 pipes bedded and surrounded in pea gravel and discharge to existing system.

GLAZING.
All new windows to be double glazed (minimum 6mm air gap to all units) . All glazing between F.F.L. and 800mm high and between F.F.L. and 1500mm high in doors and side lights to be safety glass to B.S. 6206 All windows/ doors to be draught sealed.

VENTILATION.
All windows to have opening lights to give the equivalent of 1/ 20th the floor area. Provide background ventilation to habitable rooms 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 Wall/ Window mounted mechanical extractor fan. Kitchen to extract min. 17.5 litres per square metre. W.C. to extract min. 6 litres per second with 15 minute overrun, light switch operated. Restaurant to to provide minimum of 12 air changes per hour.

RE-ROOF.
Strip off existing asbestos / slates and battens. Check all timbers and replace defective members as required. Fix new 19 x 38mm treated softwood battens on underfelt to B.S. 747 (type 1F) in all cases lapped by 150mm both horizontally and vertically. Lay with new Fibre cement slates to BS EN492:1994 Laid in accordance with BS 5534 Pt. 1 1990 & Pt.. 2 1986. Check all relevant existing labels, replace if found inadequate using I.G. box200 fitted to manufacturer's instructions.

HOT WATER AND SPACE HEATING.
Provide wall mounted Gas fired combination boiler with flue terminal balanced flue. Fit durable wire guard to externally, to boiler flue. Provide timer switch and suitable zone thermostats to dwelling, fit thermostatic control valves to all radiators. Hot water supplies to be thermostatically controlled with timer switch and to be ventilated. All hot water pipework to be insulated to B.S. U.I. part 3. To all toilets provide Thermostatically controlled electric water heaters above all basins. Provide cold water supply to all basins

GENERAL
All electrical installations to be in accordance with the latest I.E.E. Regulations.
All electrical switches, socket outlets, telephone and T.V. points to habitable rooms to be positioned at appropriate heights between 450mm & 1200mm from F.F.L.

LIGHTING.
Provide "Siemens" or similar approved high frequency lamps fixed at centres level. to provide the following lighting levels.
Storage areas 150lux at vertical plane
Kitchen 500lux at table level
Restaurant 200lux at table level
Toilets 150lux at floor level
Corridors 120lux at floor level.
Provide emergency light fittings in positions shown on plan all to B.S. 5266 pt1.

CONSTRUCTION HAZARDS.
The following operations are identified as involving hazards in construction.
a) Working close to underground or over head power cables.
b) Demolition and modification to adjacent existing buildings containing asbestos materials.
c) Excavation adjacent to existing foundations and effluent tanks below ground.
d) Steel erection done to boundary or existing building.
e) Working with scaffolding.
f) Working at height.
g) Roofing operations.
h) Crainage operations
i) Working on insulation or lamp laminated insulated panels in areas with restricted access.
j) Disposal of soil/ wastes.
m) Working to existing stonework

HAZARDOUS MATERIALS
The following materials could be deemed a hazard
a) Cement and cement based products.
b) Solvent based paints
c) Foul and factory waste sewerage located in existing drainage system.
d) Dust generated during construction (including asbestos)
e) Sealants and adhesives
f) Insulation material .
g) Heavy structural steelworks and timbers.
h) Reinforcing bars.

The above list is not a definitive list as the Principal contractor or any subcontractor may specify materials which could be deemed a hazard over and above those listed

PITCHED ROOF CONSTRUCTION.
Blue/ Black fibre cement roof slates to B.S. EN 492 1994, Laid in accordance with BS 5534 Pt. 1 1990 & Pt. 2 1986 on 25 x 38 softwood treated battens on underfelt to B.S. 747 (type 1F) and in all cases to be lapped by 150mm both vertically and horizontally. Fillers to be laid with min. breather of 75mm and to be fixed in accordance with respect to wind speed, roof pitch and exposure category as detailed in CP3 chapter V part 2 1972. Twinpeg are specialist made prefabricated mono pitch roof trusses to comply with B.S 5268 part 3 1988. TRUSS CALCS TO BE SUBMITTED TO L/ A. MIN. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600c/ c to a pitch of 20 deg. 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 brasing beneath straps: 90 x 100 wall plate bedded in sand and cement: 25 x 175 fascia boards: 25mm wide continuous air vent and fly proof screen to eaves: All structural timber to be min. C24 grade. stamped 'GRY' or 'SS' to indicate moisture content of 20% or less all in accordance with BS. 4978. Timber supports are to be provided beneath water storage tanks over 4No ceiling joists.

FIRE ESCAPE WINDOWS.
All habitable rooms in the upper storey's of a dwelling should have a window with an unobstructed openable areas of at least 0.33 sq.mm. and at least 450mm wide x 450mm high (the route through the opening may be at an angle rather than straight through) The bottom of the openable area should not be more than 1100mm above floor level

CEILINGS.
1st floor & toilet areas provide 200mm glassfibre insulation total thickness. 100mm between joists & 100mm over Joists.
Toilet area ceiling 12.7mm Gyproc plasterboard 9mm skim finish. Provide min. 38 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 slopes. Access panel to be 12mm ply with layer of 12.7mm Firestine board fixed to face. 100mm Jablite to top surface. Provide slide bolt fasteners & draught seal all round.
Restaurant area ceiling to be "Armstrong" Easyline Tatamo or similar to provide 1 hour fire resistance.
Kitchen area lath & plaster ceiling to be upgraded to 1 hour fire resistance with 'Envirograph' fire proof paper applied in accordance with manufacturers instructions.

WALLING.
265 cavity walling to consist of face brickwork to B.S. 5921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 65 cavity build into cavity, Rockwool cavity wall batten insulation boarding in accord with makers instructions and approved cert' No.85/ 1087. 100mm Tarmac Hemelite solid insulation blocks or similar: Cavity walls tied together using galvanised iron twist ties set 900 horizontally and 450 vertically to B.S. 1243:1978 wall ties positioned at 900 vertical centres at all unbonded external of cavity. Close cavities with "Thermaseal" preformed closer and provide bitumen felt DPC to C.P. 121: External walls to have min. ' U ' value of 0.45 W/ m2 deg. C.: Internal walls of 100mm Tarmac Hemelite solid insulation blocks: All to receive 10mm S/ C render and 9mm skim. Stud walls to consist of 50 x 89mm c.l.s studs at 400mm c/ c, both sides to be clad with 12.7mm firelineboard and skim. 100mm glassfibre infill between studs

SUB STRUCTURE WALLING.
100mm dense concrete blocks to B.S. 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.

GROUND FLOOR CONSTRUCTION.
Restaurant area 1, Toilets & Kitchen : Remove existing floors reduce levels and lay 70mm sand and cement screed with chicken wire reinforcement on 500G polythene D.P.M. on 50mm Polystyrene insulation board, on 1200G polythene D.P.M. layered continuous with D.P.C., lay min. 100mm, lay 500mm wide D.P.M. strip into D.P.C. to lap floor D.P.M. All on 100 concrete oversite: Concrete mix GEN4 to B.S. 5328 pt1 1991. 150 blinded and consolidated hardcore.
Restaurant area 2. Apply 2 coats Synthaprufe and apply self leveling compound to existing concrete floors.
Restaurant area 3. Provide new floor in accordance with S.R.C. Ltd detail sheet 15.

FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follows: Under 265 cavity walls provide 225 x 700 and under 100 walls provide 225 x 450 all GEN4 mix to B.S. 5328: pt1 1991. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations: should shrinkable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre below ground level. Where internal walls are taken up off floor then thicken out slab to 225 x 450 or if considered necessary be taken down to 225 x 450 foundation.

BALUSTRADE.
Construct balustrade to perimeter of raised floor area. 38 x 50 diagonal horizontal handrail min. 1100 above F.F.L. on 100 x 100 softwood posts. Gap between vertical balusters not to exceed 99mm. Handrail and balustrade to be capable of resisting the appropriate load specified in B.S. 6399: Pt. 1.

LINTELS.
All lintels to be manufactured by Messrs. I.G. and to be installed in accordance with makers' instructions, also to have min. end bearing of 150mm and as external positions to have cavity tray D.P.C. to CP. 121: Internal lintels to be I.G. 100 Box type.

EMERGENCY EXIT DOORS.
All doors to be min 838mm wide and fitted with panic latch. Doors to be openable to 180 degrees.
Provide "Push Bar to Open" sign on door. Emergency Exit sign over to B.S. 5499 pt1 Externally, provide 1.0m x 1.0m concrete landing used with internal F.F.L.

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Ref	Revisions	Date

G. R. MERCHANT
LENG AMICE FIWO
ARCHITECTURAL, STRUCTURAL AND LAND DRAINAGE CONSULTANTS
Unit 4, Wrights Mews
12A Park Road, Holbeach,
Spalding, Lincs. PE12 7EX
Tel: 01406 426000
Fax: 01406 426744
E-Mail: G. R. Merchant @ Merchant. PB. Co. UK

Project
CHANGE OF USE TO RESTAURANT
1 - 3 CHAPEL LANE
SPALDING,
LINC'S.

Client
GIUSEPPE TOMEO

Drawing
FIRST FLOOR PROPOSED

Job Ref	Drawing No
160-00	04
Date	Drawn
FEBRUARY '01	J.C.

Scales
1:50

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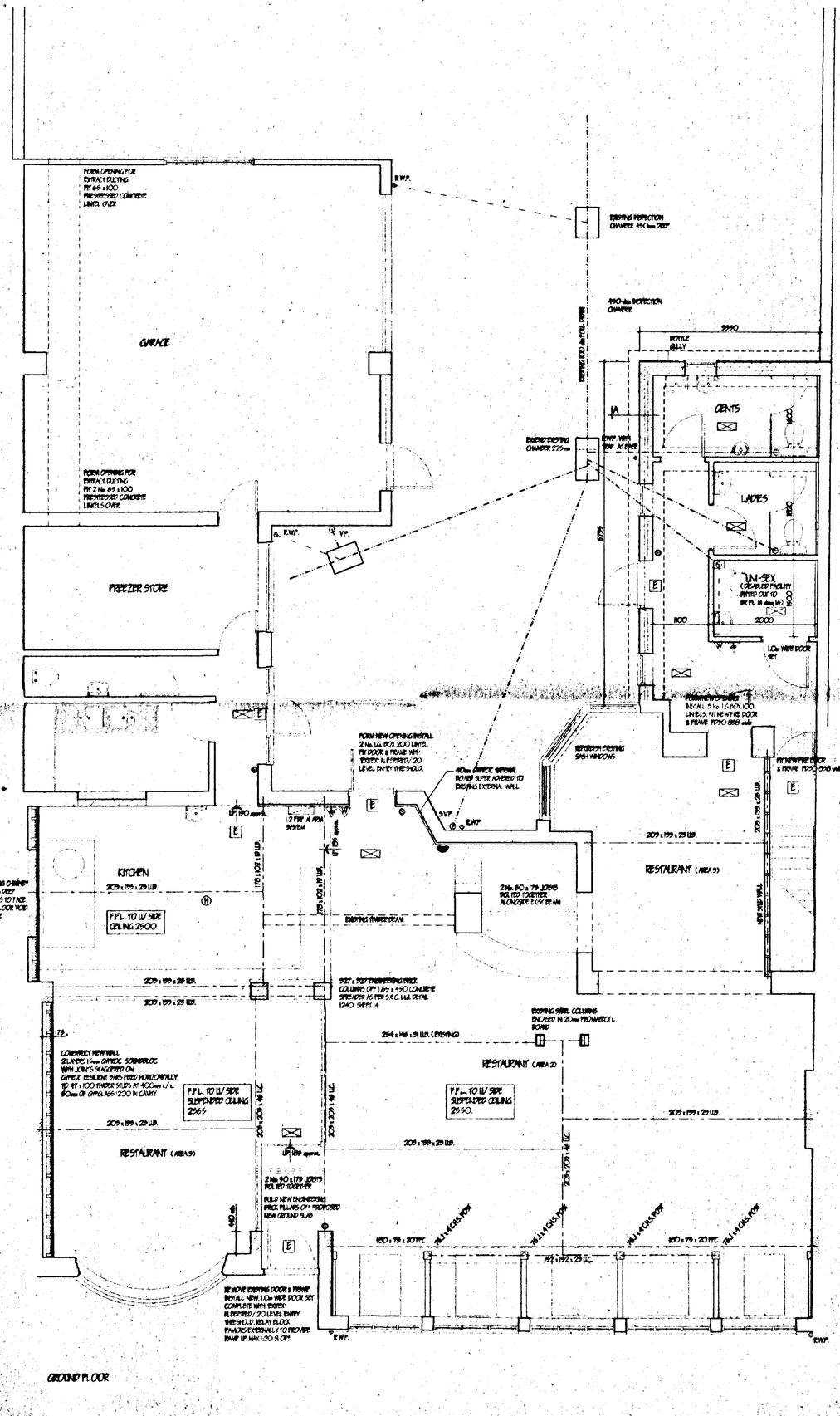
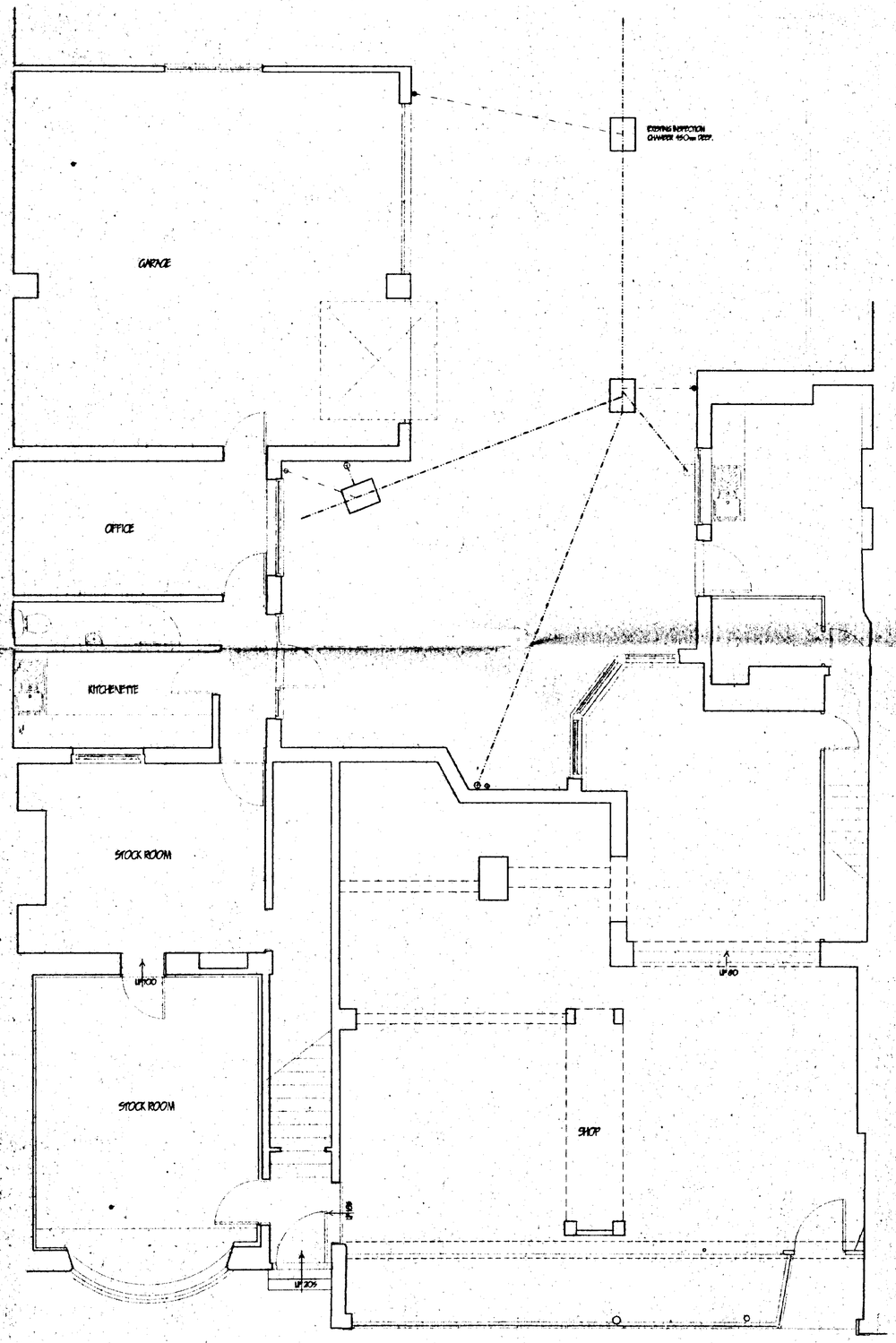
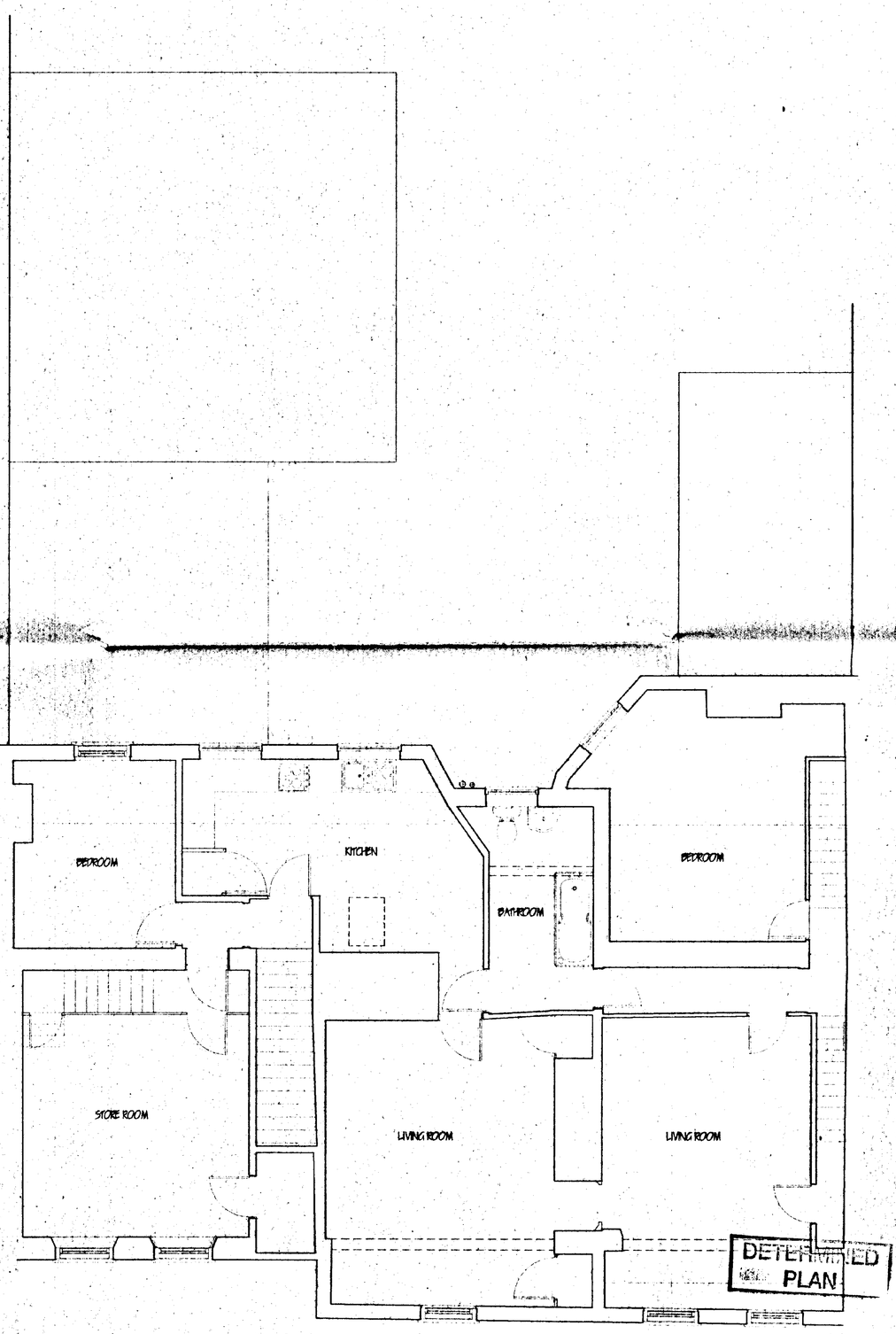
DETERMINED PLAN

SOUTH HOLLAND DC HOUSING & PLANNING
23 FEB 2001
Ref: 03/12/01


FORM OPENING FOR EXTRACT DUCTING FIT 675 x 100 PRECAST SILL CONCRETE LINTEL OVER
R.W.P.
EXISTING INSPECTION CHAMBER 450mm DEEP
450 dia. INSPECTION CHAMBER
GARAGE
9990
BOTTLE ALLEY
EXISTING EXTERNAL WALL TO BE DEMOLISHED
GENTS
LADIES
EXISTING EXISTING CHAMBER 225mm
R.W.P. WITH 'SHOE' AT BASE
A
A1
FORM OPENING FOR EXTRACT DUCTING FIT 2 No. 675 x 100 PRECAST SILL CONCRETE LINTELS OVER
R.W.P.
V.P.
FREEZER STORE
UNI-SEX DISABLED FACILITY FITTED OUT TO BRE PL 14 (Dec 95)
2000
1100
675
1100
1100
E
1.0m WIDE DOOR
FORM NEW OPENING INSTALL 2 No. LG BOX 200 LINTEL FIT DOOR & FRAME MIN 1000H x 2040H AS SHOWN ON 20 LEVEL ENTRY FIRE SHOULD
REMOVE EXISTING DOOR & FRAME TO BE REPLACED WITH NEW FIRE DOOR & FRAME 1970H 838 wide
REMOVE EXISTING SASH WINDOWS
40mm APPROX. BEYOND BOARD SUPER ADHERED TO EXISTING EXTERNAL WALL
UP 150 approx.
UP 150 approx.
L2 FIRE ALARM SYSTEM
5VP. / R.W.P.
KITCHEN
209 x 199 x 29 U.B.
F.F.L. TO U/ SIDE CEILING 2500
178 x 102 x 19 U.B.
178 x 102 x 19 U.B.
EXISTING TIMBER BEAM
2 No. 90 x 178 JOISTS BOLTED TOGETHER ALONGSIDE EXIST BEAM
RESTAURANT (AREA 3)
209 x 199 x 29 U.B.
209 x 199 x 29 U.B.
NEW SKEW WALL
209 x 199 x 29 U.B.
209 x 199 x 29 U.B.
REMOVE EXISTING CHIMNEY BREAST TO 175mm DEEP FIT RECEIVING PANS TO FACE CORBEL. CUT IN FLOOR VOID FOR SHOCK ABOVE
178 x 102 x 19 U.B.
CONCRETE NEW WALL 2 LAYERS 11mm GYPROC SOUNDBLOC WITH JOINTS STAGGERED ON GYPROC RESILIENT BARS FIXED HORIZONTALLY TO 47 x 100 TIMBER SOLES AT 400mm c/c. 90mm OF GYPGLASS 1200 IN CAVITY
F.F.L. TO U/ SIDE SUSPENDED CEILING 2369
927 x 527 ENGINEERING BRICK COLUMNS OFF 1.65 x 450 CONCRETE SPREADER AS PER S.K.C. Ltd. DETAIL 12/HCI SHEET 14
EXISTING STEEL COLUMNS ENCASED IN 20mm PROMATECT L BOARD
254 x 146 x 31 U.B. (CROSSING)
RESTAURANT (AREA 2)
F.F.L. TO U/ SIDE SUSPENDED CEILING 2590
209 x 199 x 29 U.B.
209 x 199 x 29 U.B.
209 x 199 x 29 U.B.
209 x 203 x 46 U.C.
209 x 203 x 46 U.C.
RESTAURANT (AREA 1)
UP 150 approx.
2 No. 90 x 178 JOISTS BOLTED TOGETHER
BUILD NEW ENGINEERING BRICK PILLARS ON PROPOSED NEW GROUND SLAB
1400
E
150 x 75 x 20 PFC
150 x 75 x 20 PFC
150 x 75 x 20 PFC
762 x 267 x 29 U.C.
762 x 267 x 29 U.C.
762 x 267 x 29 U.C.



GROUND FLOOR



FIRST FLOOR

DETERMINED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
23 FEB 2001
Ref: 0212/01

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ref	revision	date

G. R. MERCHANT
I.ENG AMICE FIWO
ARCHITECTURAL, STRUCTURAL AND LAND DRAINAGE CONSULTANTS
Unit 4, Wrights Mews
12A Park Road, Holbeach,
Spalding, Lincs. PE12 7EE
Tel: 01406 490900
Fax: 01406 425744
E-Mail: G. R. Merchant @ Merchant. FS. Co. UK

Project
CHANGE OF USE TO RESTAURANT
1 - 3 CHAPEL LANE,
SPALDING,
LINC'S.

Client
GIUSEPPE TOMEO

Drawing
FLOOR PLANS EXISTING

Job Ref.	Drawing No.
160-00	02
Date	Drawn
JANUARY '01	J.C.

Scales
1:50

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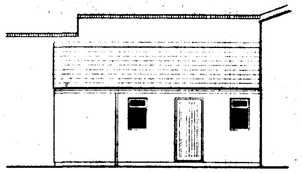
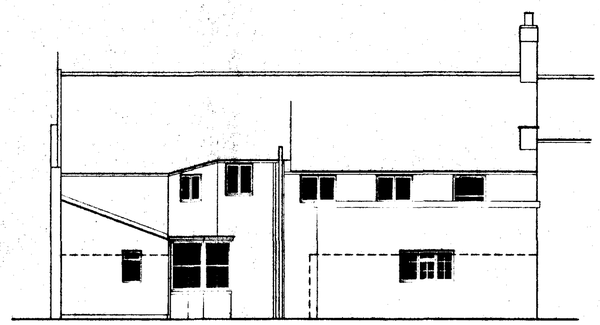
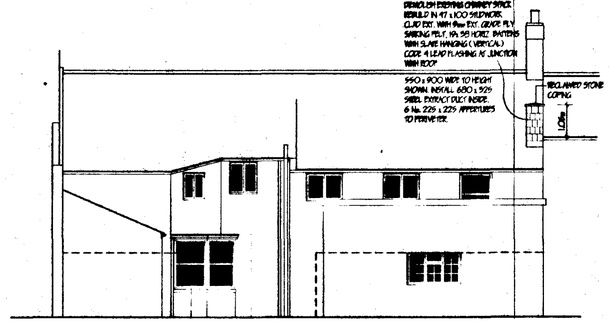


WEST ELEVATION PROPOSED



SWAN STREET ELEVATION PROPOSED



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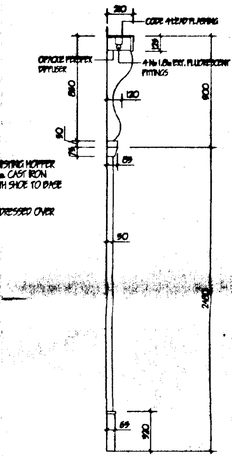
CHAPEL LANE ELEVATION PROPOSED



SECTION A - A



CHAPEL LANE ELEVATION EXISTING

BLOCK PLAN 1:500

LOCATION PLAN 1:2500

NORTH

B	WINDOWS TO FRONT TO BE TIMBER (PATTERN AS No 5)	APRIL '01
	EXTRACT CHIMNEY SLATE HANGING	
A	WINDOWS TO No 5 RETAINED / CANOPY REMOVED	APRIL '01
	LIGHT BOX IN LIEU OF SWAN NECKS / EXTRACT CHIMNEY	
Ref	Details	Date

G. R. MERCHANT
LEIGH AMICE FTWO

ARCHITECTURAL, STRUCTURAL AND LAND DRAINAGE CONSULTANTS

Unit 4, Wrights Mews
72A Park Road, Holbeach,
Spalding, Lincs. PE12 7EE
Tel: 01406 426900
Fax 01406 426744
E-Mail G. R. Merchant @ Merchant. Fsb. Co. UK

Project
CHANGE OF USE TO RESTAURANT
1 - 3 CHAPEL LANE,
SPALDING,
LINC'S.

Client
GIUSEPPE TOMEO

Drawing
ELEVATIONS, BLOCK & LOCATION PLANS

Job Ref	Drawing No
160-00	01 / B
Date	Drawn
JANUARY '01	J.C.

Scales
1:50 1:100

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APPROVED PLAN
Ref.

SOUTH HOLLAND DC
HOUSEHOLDER PLANNING
19 APR 2001
Ref: H16/0212/01

DETERMINED
PLAN