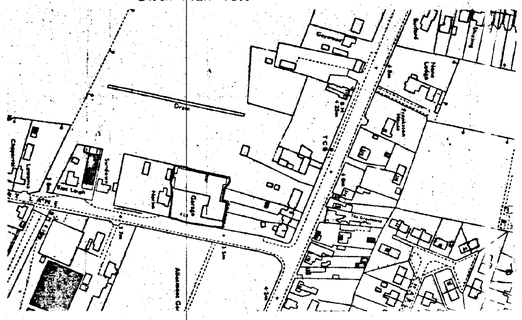
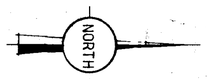


Railway Lane.

Block Plan 1:500

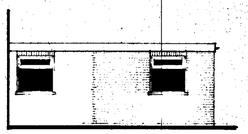


Location Plan 1:2500

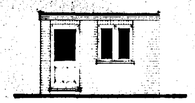




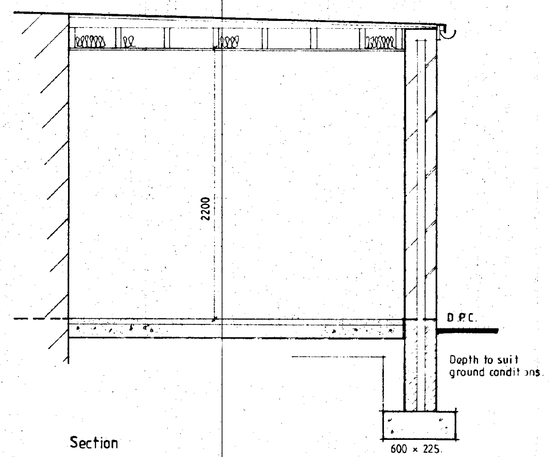
North Elevation



South Elevation



East Elevation



Section

SUB STRUCTURE WALLING.
100mm dense concrete blocks to B.S.6073 pt1 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 D.P.C. to be F.L. quality.

GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 50mm sand and cement screed on 100 concrete oversite: Concrete mix ST4 to B.S. 5328 1990:1200g polythene D.P.M. lapped continuous with D.P.C. by min 100mm: 150 blinded and consolidated hardcore.

FOUNDATIONS.
Under walls as shown provide strip concrete foundations. Under 265 cavity walls provide 225 x 600. ST4 mix to B.S. 5328 1990.. 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.

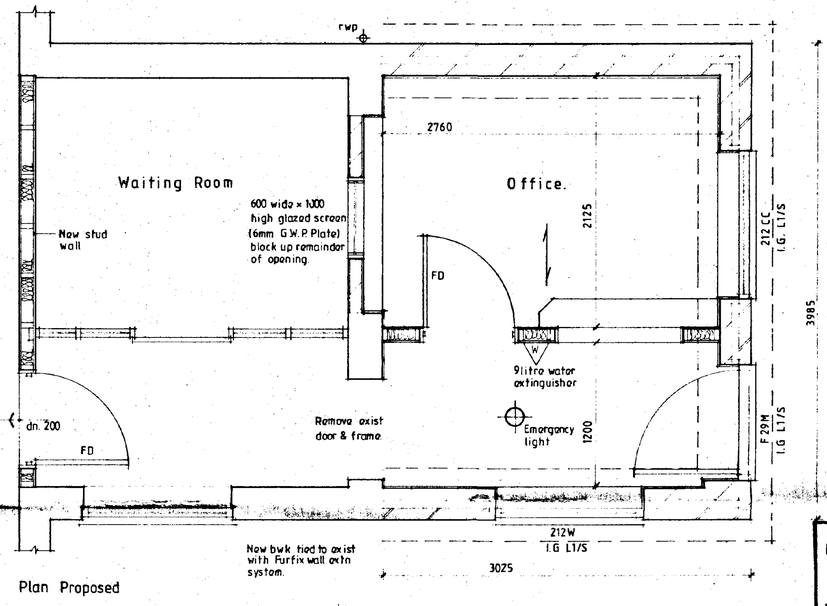
LINTELS.
All lintels to be as manufactured by messrs I.G and to be installed in accordance with makers instructions. And to have min. end bearing of 150mm and at external positions to have cavity tray d.p.c to CP.121.

SURFACE WATER DRAINAGE.
115 dia. half round rainwater gutters to Existing 63 dia. rainwater pipe.

GLAZING.
Double glaze extension throughout (minimum 12mm air gap to all units) excluding garage. All Glazing between f.f.l and 800mm high and between f.f.l. and 1500mm high in doors and side lights to be saftey glass to B.S. 6206.

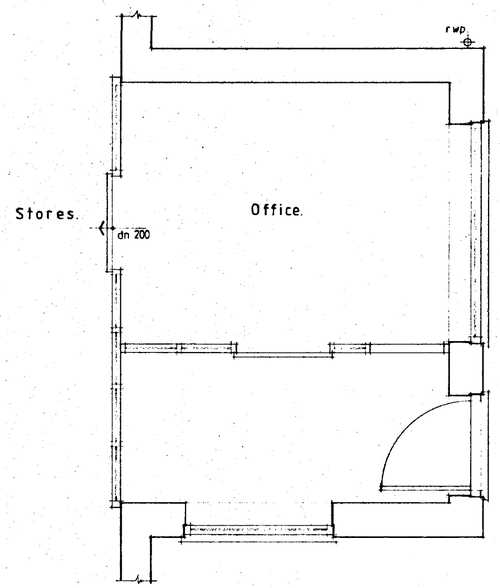
VENTILATION
All windows to have opening lights to give the equivalent of 1/20th the floor area. Provide background ventilation min. 4000mm sq permanent free air ventilation per room.

SPACE HEATING
Provide Wall mounted Electric Convector heaters to each room.



Plan Proposed

Internal doors to be 30min fire resistant fitted with self closers & intumescent strips



Plan Existing.

FLAT ROOF CONSTRUCTION. (COLD)
12mm white spar chippings bedded on 3 layer roofing felt, 1st layer to be asbestos based on 20mm plywood decking: soft wood firring pieces to fall min. 1:40. 47 x 170 SC3 grade joists at 400 centres with 30 x 5 m.s. lateral restraint and wall plate straps at max. 1.5m c/c: Soffit to have 25mm wide continuous air gap with fly screen.

CEILINGS.
100mm glassfibre insulation total thickness. 100mm between rafters & 100mm over rafters.: 12.7mm Gyproc "duplex" plasterboard 3mm skim finish: Provide min 38 x 38 noggins to all plasterboard edges. All joints to be taped and filled.

WALLING.
265 cavity walling to consist of face brickwork to B.S.3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 65 cavity: build into cavity Rockwool cavity wall batts insulation boarding in accord. with makers instructions and agrement cert' No.83/1087 . 100mm Termac 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 300 vertical centres at all unbonded closures of cavity: Close cavities with 'Thermabate' preformed closerend provide bitumen felt DPC to C.P.121: External walls to have max 'U' value of 0.45 W/m2 deg. C.: 10mm S/C render and 3mm skim
Stud walls to consist of 38 x 100mm studs at 400mm c/c, both sides to be clad with 12.7mm Gyproc Fireline board and skim. 100mm glassfibre infill between studs.

SOUTH HO
HOUSING
28 MAR 1996
Ref: 0285/96

CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE BEFORE WORK COMMENCES

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revision	date	init	revision details

COOPER ARCHITECTURAL DESIGN

LEESONS GARAGE LTD

Project
EXTENSION TO FORECOURT OFFICE
RAILWAY LANE,
SUTTON BRIDGE,
LINC'S.

Drawing

Scale 1:25 1:100

Drawing No. 95029

Date NOV. '95

Drawn