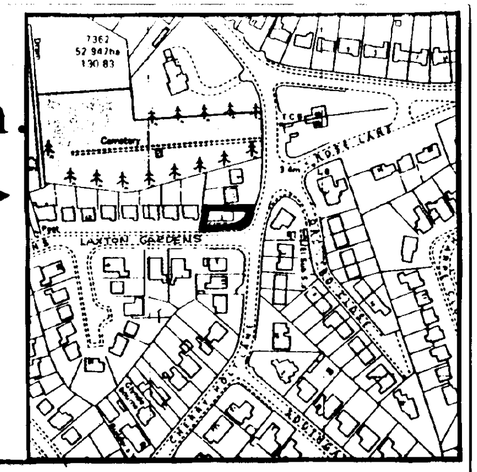
DO ALL MAKING GOOD TO DISTURBED AREAS AND LEAVE IN A SATISFACTORY CONDITION

ELECTRICS TO BE IN ACCORDANCE WITH THE CURRENT IEE REGULATIONS AND PROVISIONS ARE TO BE CARRIED OUT BY AN NICEIC APPROVED CONTRACTOR

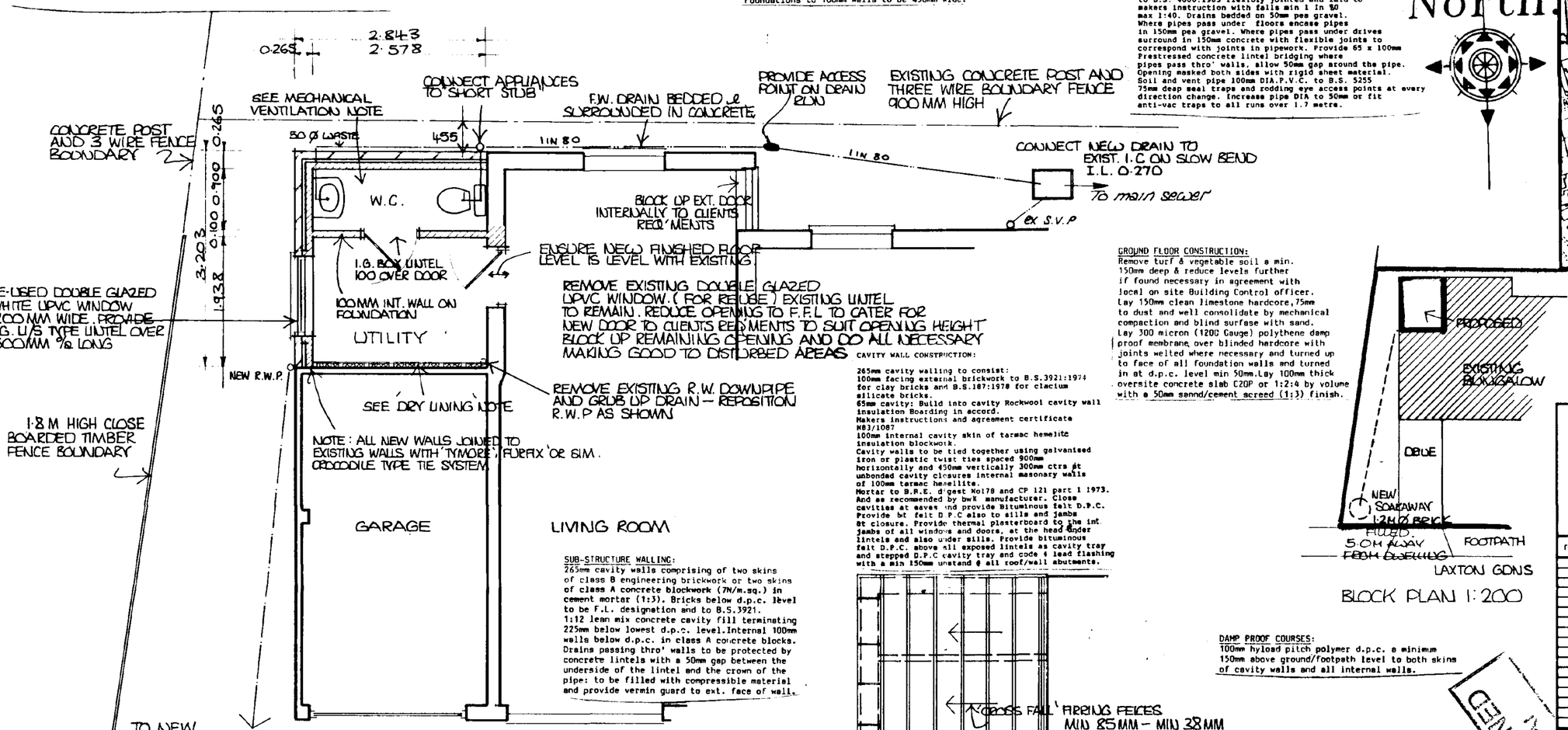
FOUNDATIONS:
Excavate for foundations 700mm wide &750mm deep (1.0m in clay) or to an approved firm base agreed with L.A. Building control officer on site.Lay C20P concrete 1:2;4 by volume a min. of 225mm thick. Foundations to 100mm walls to be 450mm wide.

FOUL DRAINAGE:
Inspection chamber construction to be 'Osma' or similar approved manufacturer and installed in strict accordance with manufacturers instructions with internal DIA related to depth in accordance with B.S. 8301:1985. Foul drains to be 100mm Dia P.V.C. to B.S. 4660:1983 flexibly jointed and laid to makers instruction with falls min 1 in 80 max 1:40. Drains bedded on 50mm pea gravel. Where pipes pass under floors encase pipes in 150mm pea gravel. Where pipes pass under drives surround in 150mm concrete with flexible joints to correspond with joints in pipework. Provide 65 x 100mm Prestressed concrete lintel bridging where pipes pass thro' walls, allow 50mm gap around the pipe. Opening masked both sides with rigid sheet material. Soil and vent pipe 100mm DIA.P.V.C. to B.S. 5255 75mm deep seal traps and rodding eye access points at every direction change. Increase pipe DIA to 50mm or fit anti-vac traps to all runs over 1.7 metre.

North.



LOCATION PLAN 1:2500



PLAN LAYOUT

SUB-STRUCTURE WALLING:
265mm cavity walls comprising of two skins of class B engineering brickwork or two skins of class A concrete blockwork (7N/m.sq.) in cement mortar (1:3). Bricks below d.p.c. level to be F.L. designation and to B.S.3921. 1:12 lean mix concrete cavity fill terminating 225mm below lowest d.p.c. level.Internal 100mm walls below d.p.c. in class A concrete blocks. Drains passing thro' walls to be protected by concrete lintels with a 50mm gap between the underside of the lintel and the crown of the pipe: to be filled with compressible material and provide vermin guard to ext. face of wall.

CAVITY WALL CONSTRUCTION:
265mm cavity walling to consist:
100mm facing external brickwork to B.S.3921:1974 for clay bricks and B.S.187:1978 for clacium silicate bricks.
65mm cavity: Build into cavity Rockwool cavity wall insulation Boarding in accord.
Makers instructions and agreement certificate NO3/1087
100mm internal cavity skin of tarmac hemelite insulation blockwork.
Cavity walls to be tied together using galvanised iron or plastic twist ties spaced 900mm horizontally and 450mm vertically 300mm ctrs at unbonded cavity closures internal masonary walls of 100mm tarmac hemelite.
Mortar to B.R.E. digest No178 and CP 121 part 1 1973. And as recommended by bwk manufacturer. Close cavities at eaves and provide Bituminous felt D.P.C. Provide bit felt D.P.C also to sills and jambs at closure. Provide thermal plasterboard to the int. jambs of all windows and doors, at the head under lintels and also under sills. Provide bituminous felt D.P.C. above all exposed lintels as cavity tray and stepped D.P.C cavity tray and code 4 lead flashing with a min 150mm unstand @ all roof/wall abutments.

GROUND FLOOR CONSTRUCTION:
Remove turf & vegetable soil a min. 150mm deep & reduce levels further if found necessary in agreement with local on site Building Control officer. Lay 150mm clean limestone hardcore,75mm to dust and well consolidate by mechanical compaction and blind surfase with sand. Lay 300 micron (1200 Gauge) polythene damp proof membrane over blinded hardcore with joints welted where necessary and turned up to face of all foundation walls and turned in at d.p.c. level min 50mm.Lay 100mm thick oversite concrete slab C20P or 1:2:4 by volume with a 50mm sannd/cement screed (1:3) finish.

BLOCK PLAN 1:200

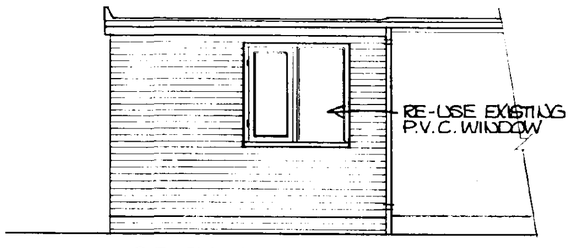
DAMP PROOF COURSES:
100mm hyload pitch polymer d.p.c. a minimum 150mm above ground/footpath level to both skins of cavity walls and all internal walls.

FLAT ROOF CONSTRUCTION:
12·7 MM WHITE SPAR CHIPPINGS BEDDED ON BITUMEN ON 3 NO° LAYERS BUILT UP ROOFING FELT (1ST LAYER ASB. BASED) 12 MM EXTERIOR GRADE PLYWOOD DECKING ON 85 MM — MIN 38 MM CROSS FIRRING PEICES @ 400 % ON 38 X 125 MM SCS GRADE TIMBER FLOOR JOISTS @ 400 MM CTRS. BEAM INFILL INBETWEEN JOISTS ENSURING 25 MM VENTILATION GAP. 30 X 5 MM M.S. GALVANISED ANCHOR AND LATERAL RESTRAINT STRAPS AT MAX 1·8 M % C. FORM ALL NECESSARY FELT DRIPS TILTING FILLETS AND KEEP FELT DRIPS CLEAR OF FASCIA.

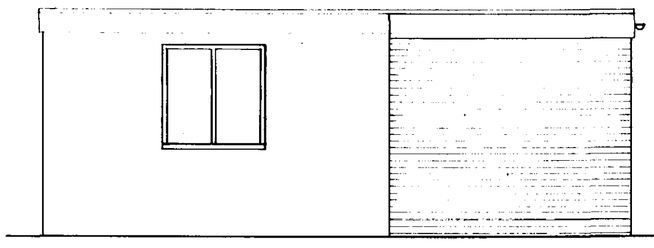
DRY LINING 50 X 50 MM BATTENS SECURELY PLUGGED TO WALL @ 600 MM % C AND 12·7 MM GYPROC PLASTERBOARD & SKIM FIBREGLASS INSULATION INBETWEEN STUDS.

ROOF JOIST PLAN

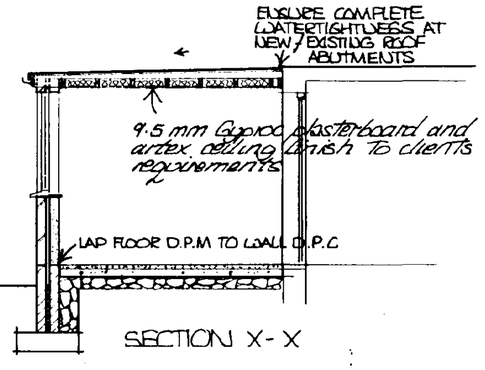
SURFACE WATER DRAINS:
100 MM Ø FLEXIBLY JOINTED PVC PIPES TO FALL 1 IN 70 PIPES BEDDED AND SURROUNDED IN 100 MM PEA GRADEL: SEE BLOCK PLAN FOR DISCHARGE



SIDE ELEVATION



REAR ELEVATION



SECTION X-X

ROOF VENTILATION
SET FASCIAS 10 MM CLEAR OF WALLING AS VENTILATION GAP AND INSTALL VERMIN/FLYPROOF GAUZE.
ROOF INSULATION : 100 MM FIBREGLASS INSULATION BUILT INBETWEEN ROOF JOISTS.

MECHANICAL VENTILATION:
PROVIDE LIGHT SWITCHED OPERATED MECHANICAL EXTRACTOR FAN GIVING VENTILATION EQUIVELENT TO 15 l / SECOND WITH 20 MIN. OVERUN.

R.W. GOODS :
65 MM Ø DOWNPIPES & 110 MM H.R. GUTTERING

0310/97.

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS. DO NOT SCALE.

CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE BEFORE WORK COMMENCES.

revision	date	init.	revision details

PODDINGTONS
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project
PROPOSED EXTENSION TO BUNGALOW
1 LAXTON GARDENS PINCHBECK
NR. SPALDING LINCOLNSHIRE
CLIENT : MR & MRS M. BERRIDGE

drawing
PLAN PROPOSED

scale
1:50, 1:2500
1:200.

drawing no.
2768 - 1

date
FEB 1997

drawn

checked

SUMMIT 5216 0037