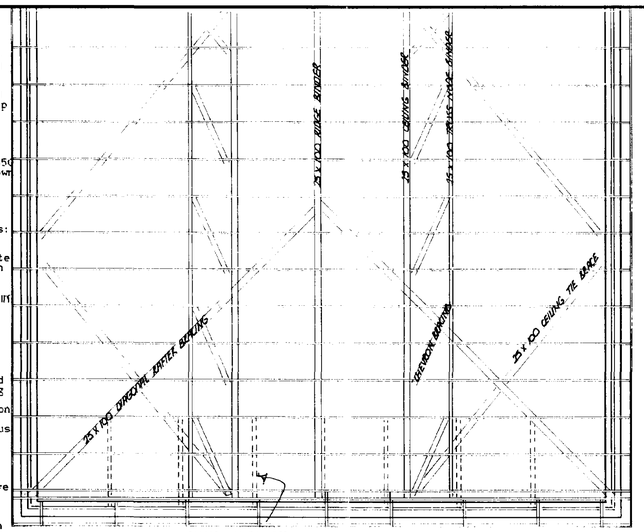
FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follows. Under 265 cavity walls provide 225 x 700 and under 100 walls provide 225 x 450 all ST3 mix to B.S. 5328 1990. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations: should shrinkable 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 uc off floor then thicken out slab to 225 x 450 or if considered necessary be taken down to 225 x 450 foundation.

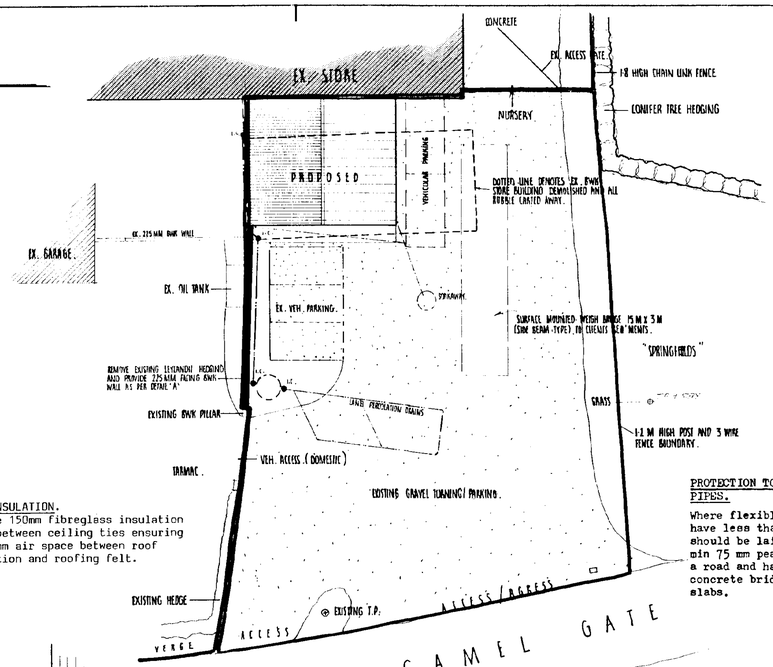
SUB STRUCTURE WALLING.
100/ mm class A dense concrete blocks: DPC to external wall positioned in accordance with CP 102 min. 150 above finished ground level: Weak mix concrete infill to base of cavity no closer than 225 to DPC. All brickwork below D.P.C. to be F.L. quality.
BITUMINOUS FELT D.P.C. INNER CAVITY SKIN ONLY. EXTERNAL CAVITY SKIN : 2 COURSE ENG BWK (BLUE) AT LEVEL TO MATCH EX. STORAGE BLDG D.P.C.

GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed with chicken wire reinforcement on 500g polythene D.P.M. on 20mm Celotex RF1 insulation board, insert 25mm insulation board to perimeter of all oversite on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm on 100 concrete oversite: Concrete mix ST3 to B.S. 5328 1990: 150 blinded and consolidated hardcore:

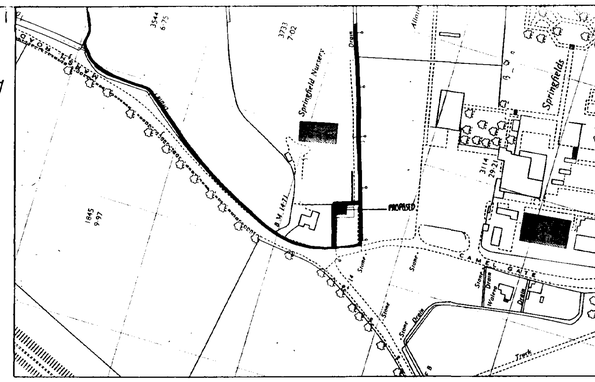
Alternative: Floor construction as above but 19mm T&G. flooring grade chipboard on 25mm Celotex RF1 insulation board laid on oversite in lieu of screed and insulation board. Ensure 12mm expansion gap to perimeter of boarding. Use treated chipboard to kitchen and bathroom.



ROOF INSULATION.
Provide 150mm fibreglass insulation quilt between ceiling ties ensuring min 50mm air space between roof insulation and roofing felt.



SITE PLAN 1:200



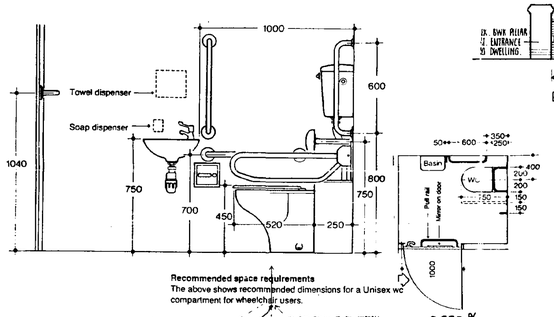
LOCATION PLAN 1:2500

PROTECTION TO FOUL AND SURFACE WATER FLEXIBLE PIPES.

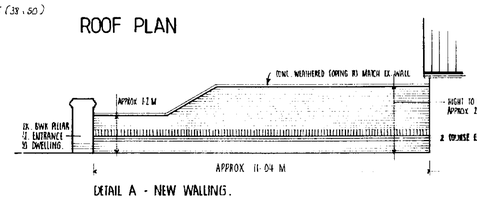
Where flexible pipes are not under a road and have less than 0.6m cover, conc. paving slabs should be laid as bridging above the pipes on min 75 mm pea gravel. If flexible pipes are under a road and have less than 0.9 m cover reinforced concrete bridging should be used instead of paving slabs.

SEPTIC TANK:
Connect foul drains to 600 gallon capacity Klargester septic tank installed in strict accordance with local Authority approval. The sub-irrigational drainage system from the septic tank is to be determined by percolation tests in accordance with the provisions of Clause 15:3:2 of BS.6297:1983 The applicant is responsible for carrying out the tests and the minimum requirement is 30metres of sub-irrigational drainage or such length as may be determined by the test: whichever is the greater. The council recommend that tanks be sited 12metres from dwellings. It is essential that drainage falls be kept to a minimum, say 1:70, & the tank modified by reducing it's neck length by cutting to ensure both inlet & outlet are maintained above ground water level. N.R.A. consent must be sought under the provisions of schedule 12 of the Water Act 1989 for consent to discharge effluent into the land. N.R.A. do not allow septic tank soakaway systems to be situated within 10 metres of any watercourse or discharge effluent into, directly or indirectly into an aquifer. Before septic tank installation percolation test results are to be refered to determining the length & depth of sub-irrigational drainage-porous or perforated pipes laid in trenches with a uniform gradient not steeper 1:200. Pipes laid a min. depth of 500mm below the surface and no deeper than 740mm in a closed circuit arrangement.

RAINWATER GOODS
110 mm H.R. uPVC guttering. 65 diam. downpipes. 25 x 175 p.s.e. fascia and barge boards. Colour "White"



Recommended space requirements
The above shows recommended dimensions for a Unisex wc compartment for wheelchair users.



DETAIL A - NEW WALLING.

VENTILATION
All windows to have opening lights to give the equivalent of 1/20th the floor area. Window heads to be fitted with hit and miss ventilators to give min 4000mm² permanent free air ventilation per room. All kitchens to have in addition to above Wall/Window mounted mechanical extractor fan to extract not less than 60 litres per second. Bathrooms to be as kitchens but to extract not less than 15 litres per second

W.C. EXTERNAL VENTILATOR LIGHT SWITCH OPERATED AND CEILING MOUNTED DUCTED TO EXTERNAL AIR VIA FLEXIBLE DUCTING CONNECTED TO MARLEY TILE VENTILATOR TERMINAL.

EX. STORE
EX. STORE
4.400
EX. S.W. DRAIN TO EX. OUTFALL
NEW S.W. DRAIN CONNECTED TO EXISTING ON 300¢ BEND. 150 GRAVEL SURROUND AND TAPED JOINTS
POSSIBLE GAS BOILER INSTALLATION (SEE NOTE)
EX. S.W. DRAIN SEALED UP DURING ALL MINOR WORKS
ALL NEW WALLING TIED TO EX. WALLS WITH TYMORE OR SIMILAR CROCODILE TIES.
CONNECT W.C. APPLIANCES TO NUMBER NOLVENU OR SIMILAR AIR RELIEF VALVE STACK. SOIL PIPE TO TERMINATE ABOVE FLOOD LEVEL OR HIGHEST APPLIANCE. BOX AROUND EXCAVATED ACCESS TO AIR MAINTENANCE VALVE FOR REMOVAL AND BEDDING.
NEW CAVITY WALLING TIED TO EXISTING USING "TYMORE" OR SIMILAR "CROCADILE" TIES ALLOWING FLEXIBLE MOVEMENT.
RE-POSITIONED R.W.P. FROM STORE TO NEW GULLY WITH SWAN NECK AS EXISTING.
EX. BWK WALL DEMOLISHED.
EXISTING LINES REMOVED EXISTING S.W. R.W. DOWNPIPE AND GULLY INCL. INTERCEPTOR DRAIN SEALED OFF UNDER GROUND DRAINS OF GUTTERS AND PARKING. ENCASED IN 150 MM PEA GRAVEL. GOOD TO DISTURBED PARTS MAKE GOOD ALL DISTURBED WORK. REROUTE R.W.P. AS SHOWN AND RE-USE EXISTING STORE BUILDING OUTFALL.
BACK INLET GULLY FOR APPLIANCE CONNECTION (REMOVABLE TYPE)
INSPECTION CHAMBER
VENT PIPE
1200 MM WIDE X 1050 MM DEEP WINDOW (OBSCURE GLASS) I.G. LITS LINTEL OVER 1500 MM ½ LENGTH.
KITCHEN
STORE
SEE W.C. DETAIL FOR LAYOUT AND DOOR.
SEE MECHANICAL VENTILATION NOTE FOR W.C.
I.G. BOX 100
I.G. BOX 100
I.G. BOX 100