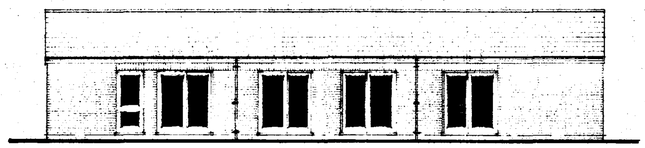
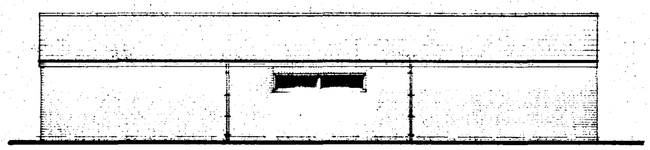
Notes & Schedules



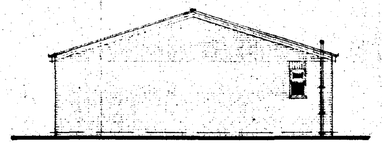
South Elevation



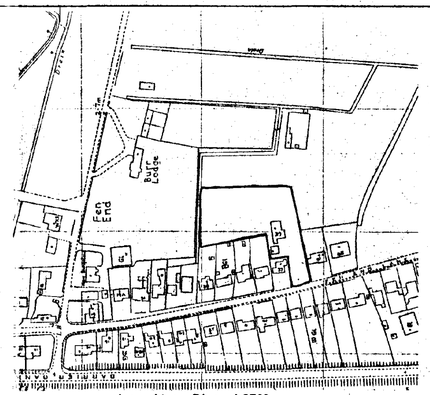
East Elevation



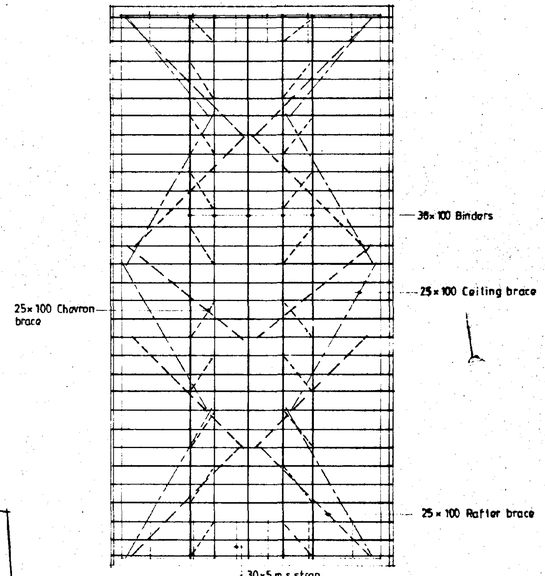
North Elevation.



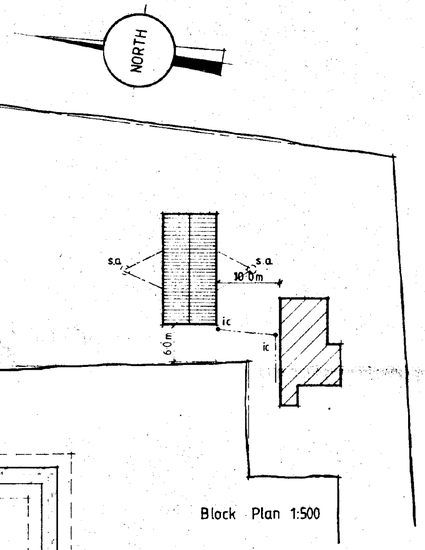
West Elevation



Location Plan 1:2500



Roof Plan.



Block Plan 1:500

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 then 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 minimum sand and cement screed with 1:150 fall to pool. on 100mm concrete oversite on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm: Concrete mix ST3 to B.S. 5328 1990: 150 blinded and consolidated hardcore.

FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follow: Under 265 cavity walls provide 225 x 700 all 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.

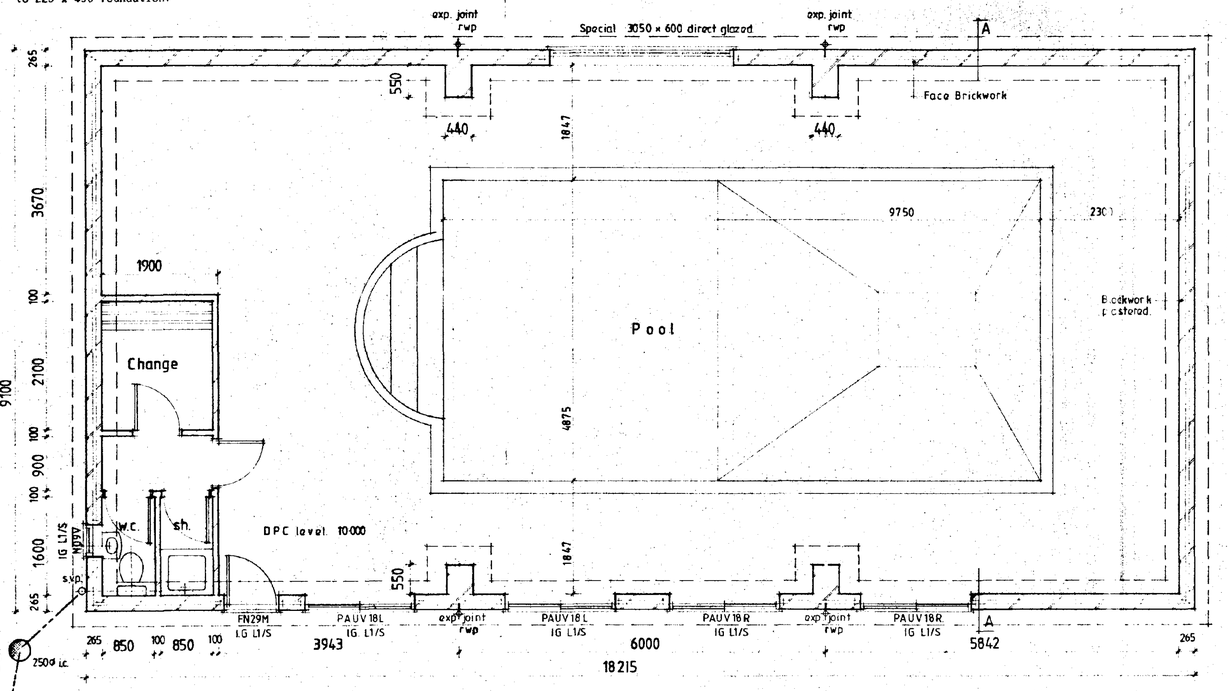
FOUL DRAINAGE.
Inspection chamber construction to be 'Osma'' and installed in accordance with makers instructions with the internal diameter related to the depth in accordance with B.S.8301:1985 Foul drainage pipes to be 100mm dia. UPVC. to B.S.4660:1983 Flexibly jointed and laid to makers instruction to a fall of 1:70 bed and surround with 100mm pea gravel: Provide 65 x 100 prestressed concrete lintol bridging where pipes pass through walls, allow 50mm gap around pipe, opening masked both sides of wall with ridged sheet material: Soil and vent pipes to be 100mm int. dia. PVC to B.S.4514: 1983 and to extend 900mm above window head terminating with PVC balloon. Waste pipes to be 40mm. dia. PVC to B.S.3943:1979 complete with rodding eyes at every change in direction: Basins to have 75 deep seal trap: Shower to be raised on 150mm plinth with access plate to anti-syphon trap and 50mm waste.

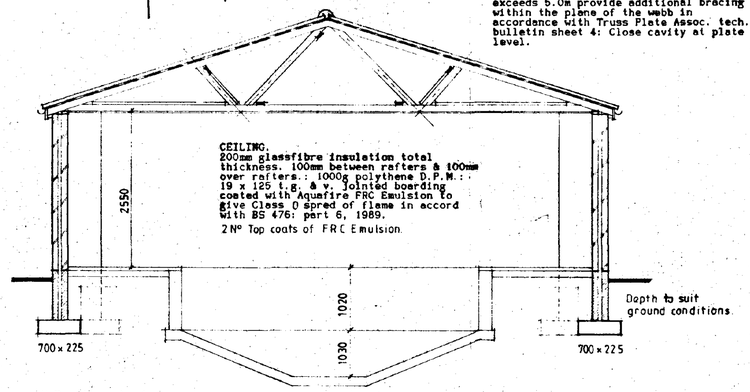
SURFACE WATER DRAINAGE.
112 dia. half round rainwater gutters to 63 dia. rainwater pipes 82.4 dia. underground pipes flexibly jointed to a fall of 1:70 pipes bedded and surrounded in 100 pea gravel and discharge to 1.2m dia. soakaway min. 5.0m from building.

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 end at external positions to have cavity tray d.p.c to CP.121: Internal lintels to be I.G. 100 Box type. Lintels in face brick cavity walls to be underlined with 12.7 fireline board and timber cover strip.

GLAZING.
Double glaze throughout. All Glazing between f.f.l and 800mm high and between f.f.l. and 1800mm high in doors and side lights to be safety 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 via 10 000mm² night vents to patio doors. All following rooms to have in addition to above Wall/Window mounted mechanical extractor fan
Changeing Room- to extract min.60 litres per second.
W.C.- to extract min. 15 litres per second which may be operated intermittently & have 15 minute overrun.





Section A-A

PITCHED ROOF CONSTRUCTION.
Interlocking concrete roof tiles (Marley Modern Smooth) or similar to B.S.473:550 part 2 1971. 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. Tiles to be laid with min. headlap of 100mm and to be fixed in accordance with regard to wind speed, roof pitch and exposure category as detailed in CP3 Chapter V part 2 1972. Twinplate specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1988. Trusses to be fink type at 600c/c to a pitch of 17½deg. TRUSS CALCS TO BE DEPOSITED WITH L/A MIN. 28 DAYS PRIOR TO ERECTION. 38 x 100 ridge node binder 2No 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 bridging beneath straps: 50 x 100 wall plate bedded on sand and cement: 25 x 175 fascia boards: 6mm ext. grade plywood soffit complete with 10mm wide continuous air gap and fly proof screen: All structural timber to be min. SC3 grade: Where span of trussed rafter exceeds 5.0m provide additional bracing within the plane of the webb in accordance with Truss Plate Assoc. tech. bulletin sheet 4: Close cavity at plate level.

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. 103mm brickwork or 100mm Tarmac Hemelite solid insulation blocks or simtlar: 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 closerand provide bitumen felt DPC to C.P.121: External walls to have max 'U' value of 0.45 W/m2 deg. C.: Internal walls of 100mm Tarmac Hemelite solid insulation blocks and to receive 10mm S/C render and 3mm skim. Provide 8mm Flexell expansion joint with mestic seal externally at positions shown on plan. Insinll wall ties at max 225mm vertical centres to both side of joint.

HOT WATER AND SPACE HEATING
Provide 'Economy 7' electric night storage heaters, and instant electric water heaters to bath and shower. All hot water pipework to be insulated to B.R. LI part 3.

SOUTH HOLLAND DC
HOUSING
21 NOV 1995
Ref: 1118/95

CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE BEFORE WORK COMMENCES
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revision	date	init.	revision details
A	06.95	JC	Front Elevation Amended
B	08.95	JC	Block Plan Amendments

COOPER ARCHITECTURAL DESIGN
BRYANSTON HOUSE, SUTTON
FLEET, SPALDING, LINCS PE12 6AY
TEL: 0406 422562

client: MR R. QUINTON.

project: PROPOSED POOL COVER, 39 FEN END LANE, SPALDING, LINC'S.

drawing:

scale: 1:50 1:100

drawing no. 95011 B

date: AUGUST '95.

drawn:

SUMMIT D.O.S. 941078