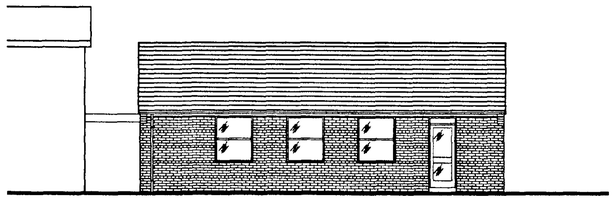
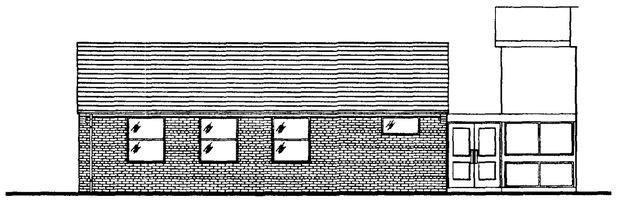


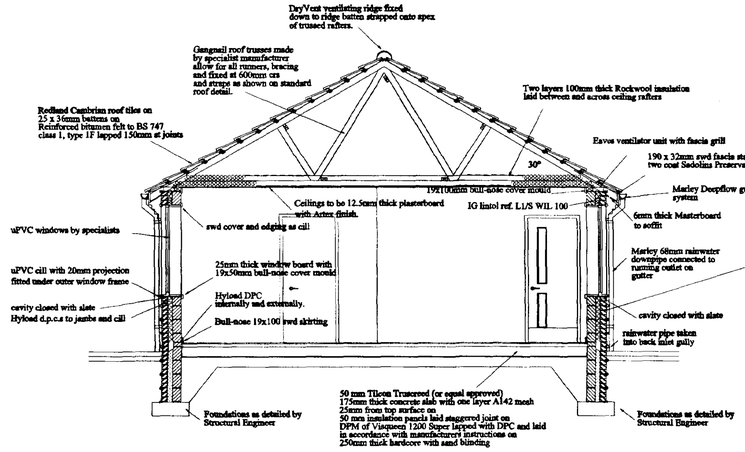
ELEVATION A



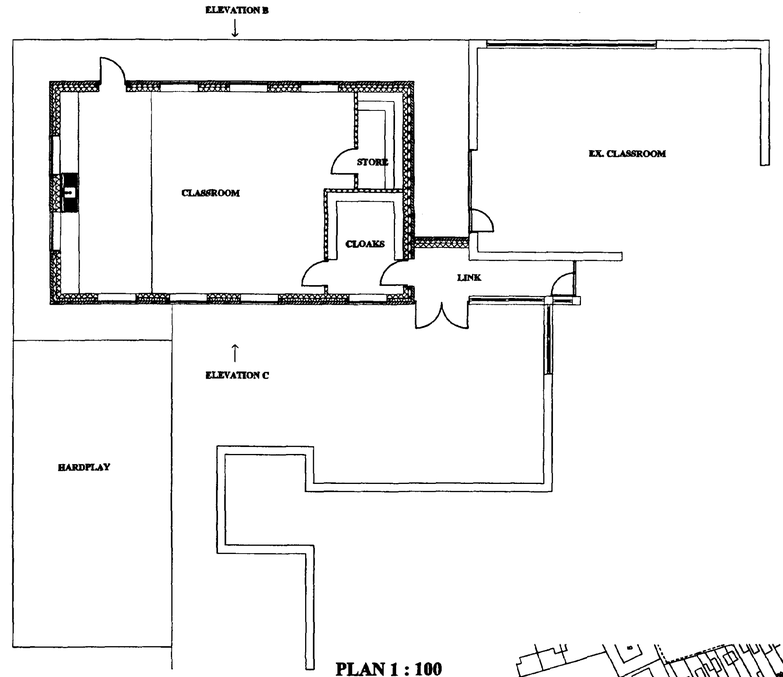
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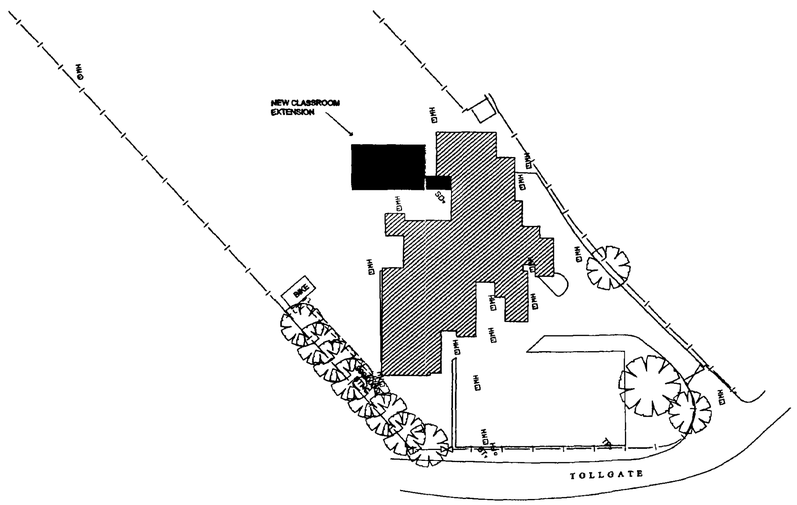
ELEVATION C



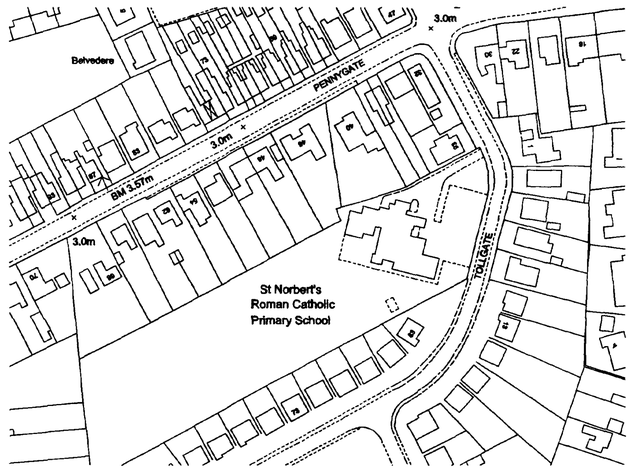
SECTION 1:50



PLAN 1 : 100



BLOCK PLAN 1 : 500



LOCATION PLAN 1 : 1250

DRAINAGE NOTES

NEW DRAINAGE TO BE SUPERSLEVE VITRIFIED CLAY DRAINAGE SYSTEM MANUFACTURED BY HEPWORTH BUILDING PRODUCTS, HAZLEHEAD, STOCKSBRIDGE, SHEFFIELD, S30 5HG LAID IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. PIPES ARE 100mm dia. UNLESS NOTED.

ALL DRAINS UNDER THE BUILDING ARE TO HAVE 100mm GRANULAR FILLING AROUND PIPE. WHERE THE CROWN OF THE PIPE IS WITHIN 300mm OF THE UNDERSIDE OF THE SLAB, SURROUND IN 150mm CONCRETE INTEGRAL WITH THE SLAB. (1) WHERE DRAIN RUNS ARE WITHIN 1m OF LOADBEARING WALLS THE TRENCHES ARE TO BE FILLED WITH CONCRETE UP TO THE LEVEL OF THE U/SIDE OF THE FOUNDATION. (2) WHERE (IF ANY) MORE THAN 1m FROM THE BUILDING , FILL WITH CONCRETE TO A LEVEL BELOW THE U/SIDE OF THE FOUNDATION EQUAL TO THE DISTANCE FROM WALL TO NEARSIDE OF TRENCH, LESS 150mm. (3) WHERE DRAINS HAVE LESS THAN 300mm COVER, SURROUND IN 150mm CONCRETE AT ALL CONDITIONS (1), (2) & (3) PROVIDE 400 x 400 x 20mm FLEXIBLE JOINT (FIBREBOARD OR POLYSTYRENE) INSTALLED AROUND PIPE AT COUPLING POSITION IN CONCRETE AT 5m Max. ctrs. OTHER NEW DRAINS ARE TO BE LAID ON A 50mm BED OF GRANULAR MATERIAL WELL COMPACTED AND COVERING THE FULL TRENCH WIDTH (TO BS 8301 : 1985). BACKFILL IN LAYERS USING SELECTED FILL.
WHERE DRAIN PIPES PASS THROUGH SUBSTRUCTURE WALLS PROVIDE SPANLITE 65mm OR SIMILAR APPROVED CONCRETE LINTELS TO EACH LEAF FOR EACH PIPE, FLEXIBLE JOINT EACH SIDE OF WALL AND SOFT PACKING BETWEEN TO FILL VOID TIGHTLY.
BRICK INSPECTION CHAMBER COVERS ARE TO BE BLACK COATED.
BRICK MANHOLE AND INSPECTION CHAMBER GENERAL CONSTRUCTION :-
BASE - 150mm C20P CONCRETE
WALLS - 215mm BS 3921 CLASS B ENGINEERING BRICKS IN CEMENT MORTAR 1:3 ENGLISH BOND.
TOP - 100mm C20P CONCRETE WITH LAYER FABRIC IN BOTTOM (25mm COVER) WITH OPENING(S) TO SUIT COVER SIZE ONE COURSE OF 215mm ENGINEERING BRICKS TO BE LAID OVER TOP AROUND OPENING TO SUPPORT COVER.
CHANNEL CONNECTIONS - FOR ENTRY ANGLES UP TO 45 Deg. TO THE MAIN HALF SECTION CHANNEL USE HALF SECTION, OVER 45 AND UP TO 90 Deg. USE THREE QUARTER SECTION AND OVER 90 USE A THREE QUARTER 90 Deg. BRANCH BEND PLUS A BEND UP TO 45Deg. EXTERNALLY SO THAT THE ANGLE OF ENTRY IS NOT GREATER THAN 90 Deg. AT THE CHAMBER. FINISH IN SAND/CEMENT BENCHING.

ALL DRAINS ARE TO BE PROVIDED WITH A COUPLING WITHIN 150mm OF M.H. OR I.C. WALLS.
ALL GULLIES TO BE SURROUNDED IN MIN. 100mm CONCRETE.

DETERMINED PLAN

project
SPALDING ST. NORBERTS RC (AIDED) PRIMARY SCHOOL ADDITIONAL CLASSROOMS

drawing
PROPOSED SCHEME

drawing no. **D503L/1** | revision

scale **Shown** | date **29/06/99**

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COUNTY OFFICES, NEWLAND, LINCOLN LN1 1ZA
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LINCOLNSHIRE COUNTY COUNCIL
Finance & Resources Directorate

RECEIVED PLANNING HOUSING & PLANNING
29 OCT 1999
Ref: 0764/99