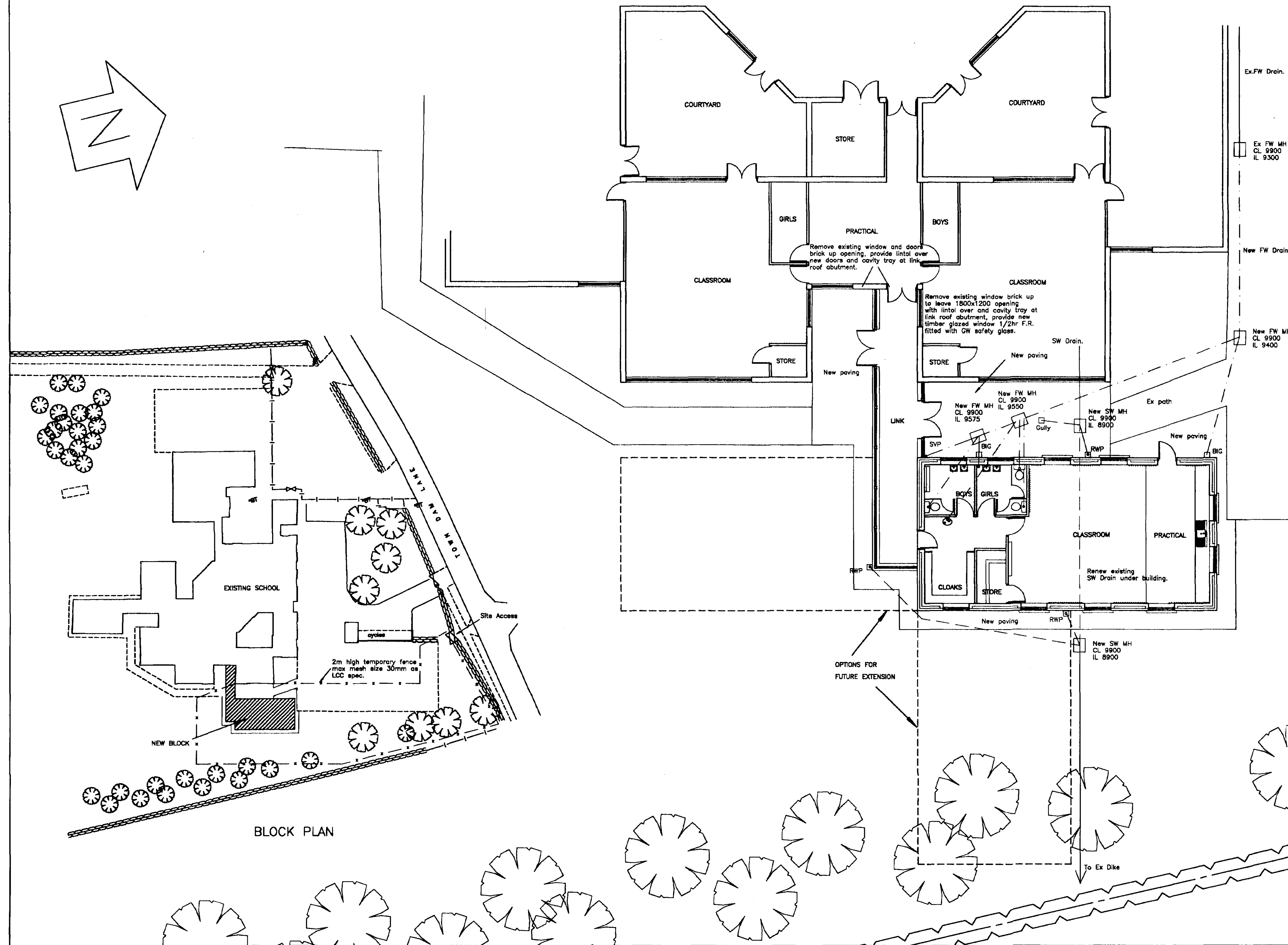




SOUTH ELEVATION

EAST ELEVATION

NORTH ELEVATION



DRAINAGE NOTES

NEW DRAINAGE TO BE SUPERSLAVE VITRIFIED CLAY DRAINAGE SYSTEM MANUFACTURED BY HENNORTH BUILDING PRODUCTS, HAZLEHEAD, STOCKBRIDGE, SHEFFIELD S30 5HQ LAID IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. PIPES ARE 100mm diam. UNLESS NOTED.

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 LOAD-BEARING WALLS THE TRENCHES ARE TO BE FILLED WITH CONCRETE UP TO THE LEVEL OF THE UNDERSIDE OF THE FOUNDATION. (2) WHERE (IF ANY) MORE THAN 1M FROM BUILDING, FILL WITH CONCRETE TO A LEVEL BELOW THE UNDERSIDE 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) PROMIC 400x400x20mm FLEXIBLE JOINT (FIBREBOARD OR POLYSTYRENE) INSTALLED AROUND PIPE AT COUPLING POSITION IN CONCRETE AT 5M MAX. C/A. OTHER NEW DRAINS ARE TO BE LAID ON A 50mm BED OF GRANULAR MATERIAL, WELL COMPACTED AND COVERING THE FULL TRENCH WIDTH (TO BS 8301:11985) BACKFILL IN LAYERS USING SELECTED FILL.

WHERE DRAIN PIPES PASS THROUGH SUBSTRUCTURE WALLS PROVIDE SPANULITE 80mm 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 MANUFACTURED BY GYNWED BROOKHOUSE, PONTMINSTER INDUSTRIAL ESTATE, RISCAL, OXFORD HP1 6PL. ALL COVERS TO BE BLACK COATED.

BRICK MANHOLE AND INSPECTION CHAMBER GENERAL CONSTRUCTION :-

BASE - 150mm C20P CONCRETE

WALLS - 215mm BS 3621 CLASS B ENGINEERING BRICKS IN CEMENT MORTAR 1:3 ENGLISH BOND

TOP - 100mm C20P CONCRETE WITH LAYER D48 BRC 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 Degrees TO THE MAIN HALF SECTION CHANNEL USE HALF SECTION OVER 45 AND UP TO 90 Degrees USE THREE QUARTER SECTION, AND OVER 90 Degrees USE A THREE QUARTER SECTION 90 Deg. BRANCH BEND PLUS A BEND UP TO 45 Deg. EXTERNALLY SO THAT THE ANGLE OF ENTRY IS NOT GREATER THAN 90 Deg. AT THE INTERNAL FACE OF THE CHAMBER. FINISH IN SAND/CEMENT BEDDING.

ALL DRAINS ARE TO BE PROVIDED WITH A COUPLING WITHIN 150mm OF MH OR IC WALLS. ALL GULLIES TO BE SURROUNDED IN MIN. 100mm CONCRETE.

project
**DONINGTON COWLEY ENDOWED
PRIMARY SCHOOL
CLASSROOM EXTENSION**

SKETCH SCHEME

drawing no.
D239B/1

scale 1:100 date 28/04/99

PROPERTY DIVISION

County Offices, Newland, Lincoln LN1 1ZA
Telephone (01522) 552701 fax (01522) 552611



LINCOLNSHIRE COUNTY COUNCIL
Finance & Resources Directorate

**DETERMINED
PLAN**

L.C.C.
01 APR 1999
HIGHWAYS & PLANNING
DIRECTORATE

SOUTH LINCOLNSHIRE
HOUSING DEPARTMENT
13 APR 1999
Ref: 0376/99