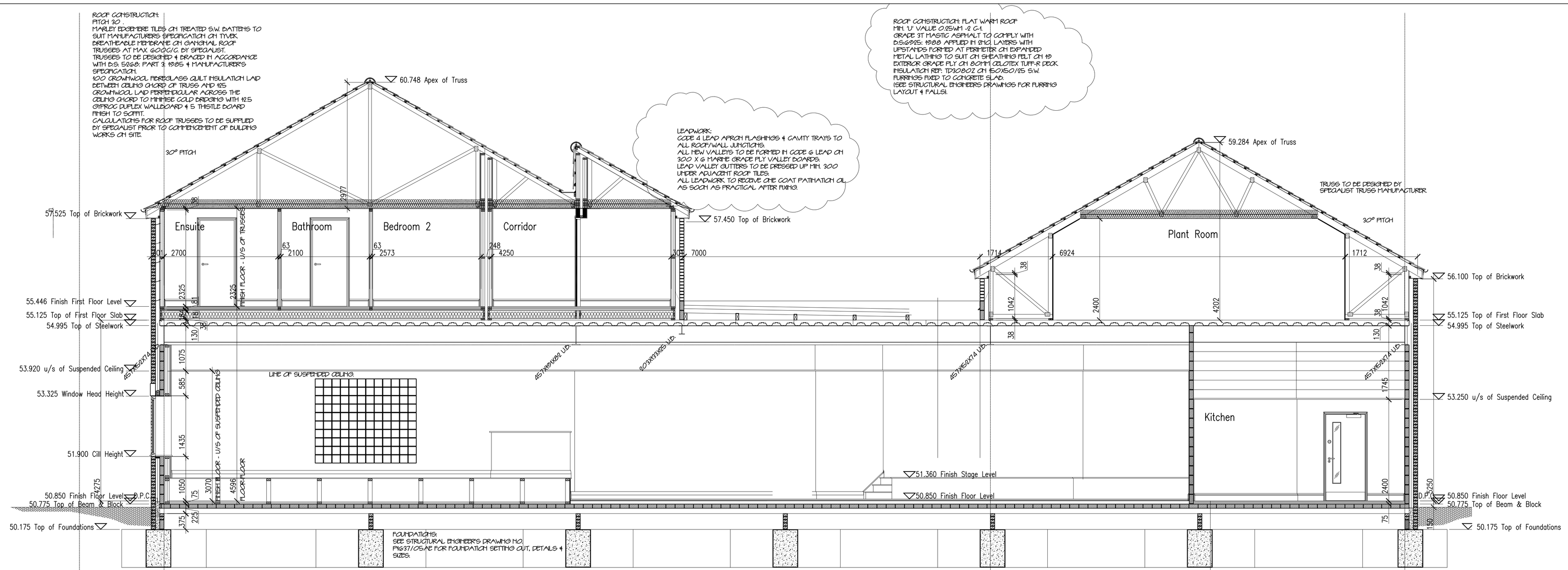

Section A–A

VALLEY GUTTERS
PROPRIETARY SINGLE PLY BITUMEN BASED MEMBRANE ON SEPARATING MEMBRANE ON EXTERNAL QUALITY PLYWOOD TO BS 5618 PART 2. SINGLE PLY MEMBRANE TO EXTEND 300 UNDER SLATES

PRESERVATION OF TIMBER
ALL NEW TIMBERS DELIVERED TO SITE TO BE PRE-TREATED BY DOUBLE VACUUM IMPREGNATION METHOD.

ROOF LOFT SPACES AND VOIDS
ALL REQUIRE ACCESS VIA INSULATED HATCHES. MIN OPENING 900 X 600.

EXTERNAL FASCIAS/BARGEBOARDS
19 EXTERNAL QUALITY PLYWOOD TO BS 5618 PART 2 2001.

WALLPLATES
ALL WALLPLATES TO BE 100 X 75 TREATED SOFTWOOD AND TO BE FIXED TO DOWN TO INTERNAL LEAF WITH 30 X 5 X 900 LONG HOT DIP GALVANISED MILD STEEL STRAPS AT 200 MAX CENTRES.

LATERAL RESTRAINT
35 X 6 X 900 LONG HOT DIP GALVANISED MILD STEEL STRAPS AT MAX 2000 CENTRES FIXED ACROSS JOISTS AND INTO INTERNAL WALL

CAVITY FILL
LEAN MIX CONCRETE AGGREGATE : CEMENT RATIO 18 : 1 SPLAYED TO WEEPHOLES IN EXTERNAL CAVITY WALLS. MINIMUM 150 BELOW LOWEST DPC AND AT MAX 900 CENTRES.

LINTELS
TO BE KEYSTONE HD/K90 OR SIMILAR COMBINED STEEL LINTEL OR SIMILAR COMBINED STEEL TO INCORPORATE FLEXIBLE DPC TO BS 6398 AND SHOULD EXTEND TO EDGE OF FROST TOE AND MIN 150 BEYOND EACH END. INTERNAL LINTELS TO BE PRE-CAST CONCRETE

DAMP PROOFING
ALL DPCS TO BE HIGH PERFORMANCE PVC INSERTED IN BOTH LEAVES OF CAVITY AND LOADBEARING WALLS MIN 150 ABOVE FINISHED GROUND LEVEL. HORIZONTAL AND VERTICAL DPCS TO ALL EXTERNAL OPENINGS.

CAVITY TIES
TO BE STAINLESS STEEL FISH TAIL AND STAINLESS STEEL VERTICAL TWIST TO EXTERNAL WALLS. BOTH TIES TO BS 1243 1981 AT MAX 750 CENTRES HORIZONTALLY AND 450 CENTRES VERTICALLY. WHERE CAVITIES INCORPORATE INSULATION SHEETS TIES ARE TO HAVE POLYPROPYLENE RESTRAINING CLIPS.

GROUND FLOOR CONSTRUCTION:
MIN. 'U' VALUE 0.25 W/M2 OC1
22MM CHIPBOARD ON 150 CELOTEX TRUFF-R GA3000 POLYISOVANURATE FOAM INSULATION ON 1200 GAUGE VISQUEEN DPM. ON 75MM SAND CEMENT SCREED ON PROPRIETARY BEAM & BLOCK FLOOR LAID IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. DEPTH OF BEAMS TO BE IN ACCORDANCE WITH STRUCTURAL ENGINEER'S CALCULATIONS.
(SEE STRUCTURAL ENGINEERS DRAWING NO. 1637/06/AC FOR DETAILS).

DRAINAGE
ALL DRAINS PASSING BELOW THE BUILDING ARE TO BE TREATED IN ACCORDANCE WITH BUILDING REGULATIONS SECTION H. ALL NEW UNDERGROUND DRAINAGE TO BE TO BS 5481 1987 AND ALL FITTINGS TO BS 5494 1976. ALL GULLIES TO BE TRAPPED. TO PREVENT BUILDING LOADS BEING TRANSMITTED TO PIPES WHERE DRAINS PASS THROUGH WALLS THEY ARE TO HAVE REINFORCED CONCRETE LINTELS FITTED TO BOTH LEAVES. PIPES TO HAVE FLEXIBLE COUPLINGS EITHER SIDE OF WALL. WHERE PIPES PASS WITHIN 1000 OF FOUNDATIONS THE DRAINS ARE TO BE BACKFILLED TO LEVEL U/S OF FOUNDATIONS WITH LEAN MIX CONCRETE WITH A CEMENT RATIO OF 18:1. ENSURE MOVEMENT JOINTS ARE CONGRUENT WITH PIPE CONNECTIONS TO MAINTAIN FLEXIBILITY.
(SEE STRUCTURAL ENGINEERS DRAWING NO. P1637/07)

MECHANICAL VENTILATION
BATHROOMS/EN-SUITES TO HAVE OPENING BACKGROUND VENTILATION NOT LESS THAN 4000MM SQUARE. MECHANICAL EXTRACT FANS TO GIVE A MINIMUM EXTRACT NOT LESS THAN 15 LITRES PER SECOND FOR WC/ENSUITE/BATHROOM, FANS TO HAVE 15 MINUTES OVERRUN AND GIVE 3 AIR CHANGES PER HOUR WITH EXTRACTED AIR TI EXTERNAL AIR. KITCHENS TO HAVE MINIMUM EXTRACT NOT LESS THAN 60 LITRES PER SECOND AND 3 AIR CHANGES PER HOUR.

SUB-FLOOR VENTILATION
PERMANENT VENTILATION TO SUB-FLOOR SPACE TO BE PROVIDED BY 225 X 140 AIRBRICKS TO SUIT AT MAX 2000C/C. IN PERIMETER WALL TO GIVE EQUIVALENT OF CONTINUOUS 3 AIR GAP.
INTERNAL WALLS TO INCORPORATE 225 X 140 AIRBRICKS TO SUIT AT MAX3. 2000C/C. TO ALLOW AIR TO CIRCULATE THROUGHOUT SUB-FLOOR VOID.

CONSTRUCTION BELOW D.P.C. LEVEL:
ALL CONSTRUCTION BELOW D.P.C. LEVEL TO BE IN CONCRETE BRICKWORK AND DENSE CONCRETE BLOCKWORK 1400 KG M/c AND ALL EXPOSED BRICKWORK TO BE IN FACINGS & ALL OTHER BRICKWORK TO BE IN CONCRETE COMMONS.

Notes

Copyright in all documents and drawings prepared by the Architect and any work executed from these documents and drawings shall, unless otherwise agreed, remain the property of the Architect.

Do not Scale off this drawing.

All dimensions to be checked on site and any discrepancies to be referred to the Architect before proceeding.

All levels to be checked on site.

All discrepancies between information shown on the drawing and information in the specification to be referred to the Architect prior to proceeding.

All omissions to be referred to the Architect prior to proceeding.

All component sizes and references to be checked prior to ordering of materials.

Positions of existing drainage runs to be confirmed prior to proceeding and drains checked as necessary.

All relevant boundary positions to be checked prior to proceeding.

Amendments

A. JEB 16/09/2005. ARCHIVE & ROOF TRUSSES AMENDED.
B. JEB 10/10/2005. FLAT ROOF AMENDED.
C. JEB 20/10/2005. ARCHIVE STORE AMENDED.
D. JEB 05/04/2006 NOTES ADDED & AMENDED.

Job Title
Proposed New Club House at
Newton Hall
Staining Road
Staining Blackpool

Drawing Title
Section A–A
As Proposed

Client
Partington Holiday Centres Ltd.

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Scale 1:50/1:10
Date 24/6/2005
Drawn JEB

Drg. No. 1586/17
Rev. D