

**GENERAL CONSTRUCTION NOTES**

REFER TO STRUCTURAL ENGINEERS DRAWING FOR FOUNDATION INFORMATION PROVIDE UNDERGROUND DUCTS AS REQUIRED FOR WATER, ELECTRIC & GAS SERVICES

ALL PILED FOUNDATIONS TO BE FULLY DESIGNED BY CONSULTING STRUCTURAL ENGINEER - REFER TO SEPARATEDRAWINGS AND GROUND INVESTIGATION REPORT

REFER TO P.C FLOOR MANUFACTURERS CALC'S AND DETAILS OF BEAM & BLOCK FLOOR

VENTILATE AIR SPACE BELOW BEAM & BLOCK FLOOR WITH PERISCOPE AIR BRICK VENTS, THE OPENINGS SHOULD BE NOT LESS THAN EITHER 1500mm<sup>2</sup>/M RUN OF EXTERNAL WALL OR 500mm<sup>2</sup>/m<sup>2</sup> OF THE FLOOR AREA WHICH EVER IS THE GREATER OPENING AREA TWO OPPOSITE WALLS TO HAVE EQUAL VENTILATION AREA. AIR BRICKS TO BE PROVIDED TO INNER LOAD-BEARING WALL AT 1.8m

REFER TO CONSULTING ENGINEERS SITE DRAINAGE LAYOUT FOR EXACT POSITIONS. ANY DRAINS PASSING UNDER BUILDING TO BE EXCAVED IN 150mm GRANULAR FILL WHERE DRAINS PASS THROUGH WALLS, THEY ARE TO BE BRIDGED WITH P.C LINTELS. ENSURE THAT THE LINTELS CLEAR THE PIPEWORK BY 50mm RIGID BOARD CUT AROUND PIPEWORK TO PREVENT INGRESS OF CAVITY FILL.

DESIGN OF FOUNDATIONS TO BE SUBJECT TO CONFIRMATION BY STRUCTURAL ENGINEER PROVIDE UNDERGROUND DUCTS AS REQUIRED FOR WATER, ELECTRIC & GAS SERVICES. WITH STRUCTURAL ENGINEERS DETAILS

ALL CONCRETE BELOW DPC TO BE SULPHATE RESISTING TO MIN CLASS 1 OR IN ACCORDANCE WITH STRUCTURAL ENGINEERS DETAILS

ALL SUBSTRUCTURE LINTELS TO BE 100x75mm PRESTRESSED CONCRETE LINTELS WITH 150mm BEARING. LOCATION TO BE CO-ORDINATED WITH INDIVIDUAL PLOT DRAINAGE. WHERE 2 DRAINS PASS UNDER SINGLE PC LINTELS A 215mm BRICK PIER TO BE BUILT IN BETWEEN.

**SERVICES ENTRIES - TOP HAT UNITS**

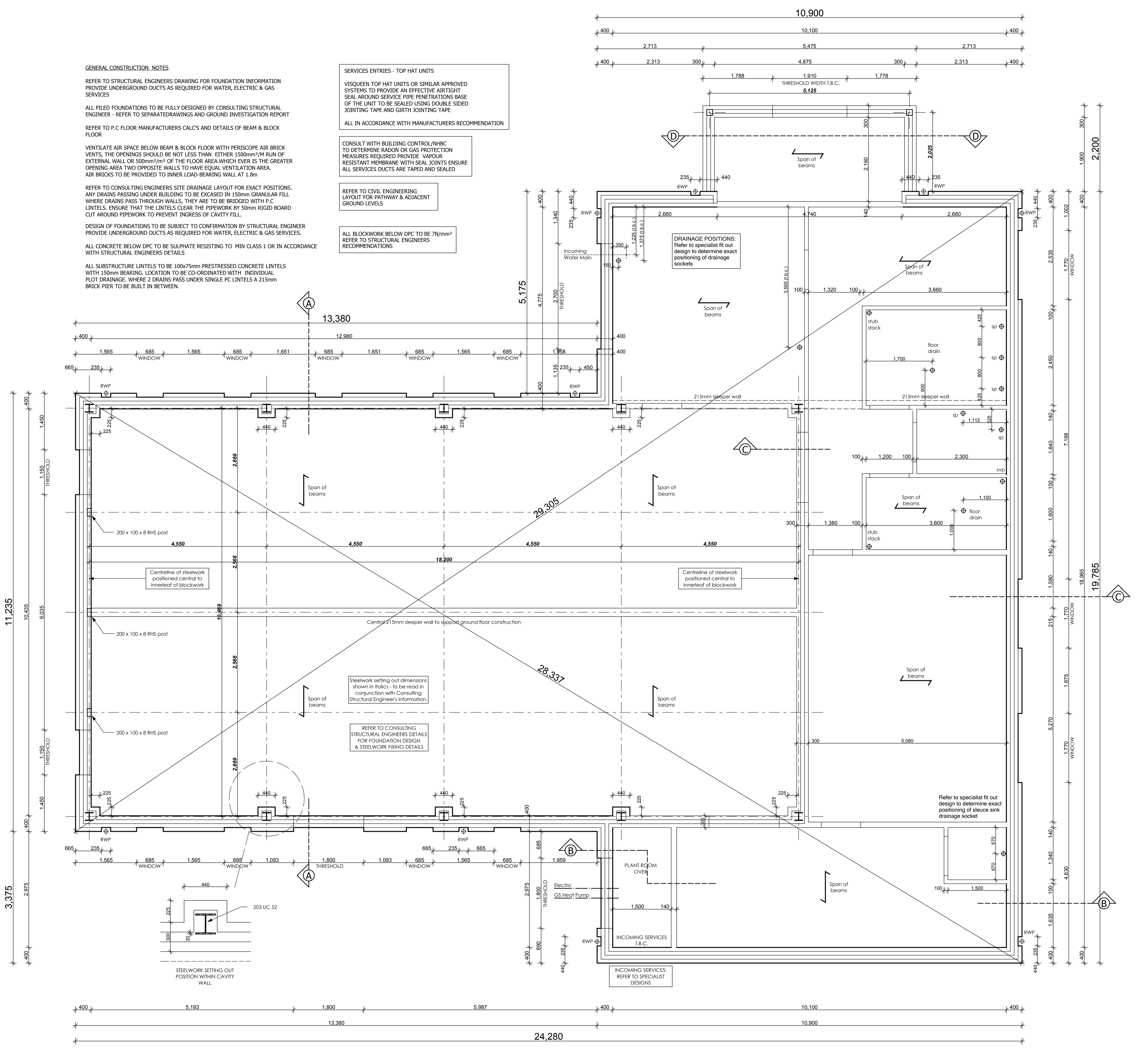
VISQUEEN TOP HAT UNITS OR SIMILAR APPROVED SYSTEMS TO PROVIDE AN EFFECTIVE AIRTIGHT SEAL AROUND SERVICE PIPE PENETRATIONS BASE OF THE UNIT TO BE SEALED USING DOUBLE SIDED JOINTING TAPE AND GIRTH JOINTING TAPE

ALL IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATION

CONSULT WITH BUILDING CONTROL/NHBC TO DETERMINE RADON OR GAS PROTECTION MEASURES REQUIRED PROVIDE VAPOUR RESISTANT MEMBRANE WITH SEAL JOINTS ENSURE ALL SERVICES DUCTS ARE TAPED AND SEALED

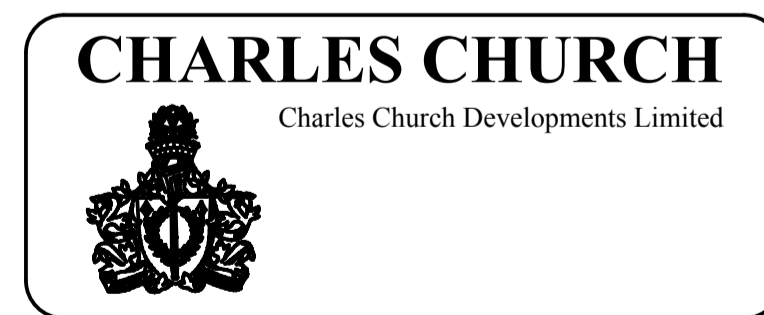
REFER TO CIVIL ENGINEERING LAYOUT FOR PATHWAY & ADJACENT GROUND LEVELS

ALL BLOCKWORK BELOW DPC TO BE 7N/mm<sup>2</sup> REFER TO STRUCTURAL ENGINEERS RECOMMENDATIONS



**Substructure Plan (Village Hall)**

ISSUED FOR TENDER



THE PADDOCKS, COX'S LANE, ENSTONE

VILLAGE HALL SUBSTRUCTURE PLAN

Date: April 2012  
PAPER SIZE: A1 Scale: 1:50

Drawing No: 065 - VH - WKG\_01  
Rev: T3