

ALL BEAM LENGTHS ARE TO BE CONFIRMED BY THE CONTRACTOR

FOR THE STRUCTURAL SPECIFICATION, CONSTRUCTION NOTES, & THE CDM REGULATIONS 2015, PLEASE REFER TO THE DRAWING J-22318-001.

FOR RISK RELATED INFORMATION PLEASE REFER TO THE DESIGNERS RISK ASSESSMENT ON DRAWING J-22318-002.

THE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION OF ADEQUATE TEMPORARY WORKS TO MAINTAIN THE STABILITY OF THE STRUCTURE AT ALL TIMES.

THE NEW MASS CONCRETE STRIP FOOTINGS ARE TO BE 600 WIDE X 300 DEEP, GRADE 'GEN3' CONCRETE.

THE FOOTING DESIGN IS BASED ON A MINIMUM SAFE BEARING PRESSURE OF 50KPA. THE BUILDER AND THE BUILDING INSPECTOR ARE REQUIRED TO CONFIRM THE ADEQUACY OF THE PREVAILING GROUND CONDITIONS.

THE NEW GROUND BEARING CONCRETE SLAB IS TO BE 100 THICK WITH 1 LAYER OF A142 MESH PLACED IN THE TOP FACE WITH 30 MINIMUM COVER. THE CONCRETE GRADE IS TO BE 'C28/35'.

THE SLAB IS TO BE CAST ON 150 OF COMPACTED HARDCORE WITH INSULATION AND DPM BEING PROVIDED IN ACCORDANCE WITH THE ARCHITECTS DETAILS AND SPECIFICATION.

ALL NEW STEEL BEAMS INSTALLED TO SUPPORT EXISTING MASONRY ABOVE ARE TO BE PRE-LOADED PRIOR TO REMOVING THE NEEDLES AND TEMPORARY PROPPING.

PRE-LOADING CAN BE CARRIED OUT BY DRIVING SLIDING WEDGES BETWEEN THE TOP FLANGE OF THE BEAM AND THE SUPPORTED MASONRY. THE SLIDING WEDGES ARE TO BE LEFT IN PLACE ON THE TOP FLANGE OF THE BEAM WHILE THE PACKING UP OF THE MASONRY IS COMPLETED.

THESE DRAWINGS ARE ONLY STRUCTURAL IN NATURE. NO TANKING DETAILS ARE PROVIDED OR INTENDED. FOR WATERPROOFING AND/OR TANKING OF BASEMENTS PLEASE REFER TO THE ARCHITECTS DRAWINGS OR SPECIALISTS CONTRACTORS DRAWINGS.

FLOOR JOISTS MUST NOT BE NOTCHED WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER

