

## **VAL FOUNDATIONS**

- EXISTING FOUNDATIONS, WHICH WERE CAST VIOUS CONSTRUCTION PHASE, BUT MEANT TO IS EXTENSION. THE IDEA IS TO UTILISE THOSE NATIONS AS MUCH AS POSSIBLE FOR THE

IN CASE OF ANY DISCREPANCIES IN DRAWINGS OR DETAILS, IMMEDIATELY REFER TO ENGINEER FOR CLARIFICATION.

COPYRIGHT RESERVED. THIS DRAWING MAY ONLY BE USED FOR THE CLIENT AND LOCATION SPECIFIED IN THE TITLE BLOCK. IT MAY NOT BE COPIED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF CISTEC.

ALL CLADDINGS AND SURFACE FINISHES TO ARCHITECT'S SPECIFICATIONS AND DETAILS.

DO NOT SCALE FROM THIS DRAWING. FOR SETTING OUT OF ALL WALLS, REFER TO RELEVANT ARCHITECT'S DRAWINGS.

ALL WORKING DIMENSIONS TO BE CHECKED ON SITE.

ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.

- TO A MINIMUM 500mm BELOW ANY TREE ROOTS EXPOSED DURING EXCAVATIONS, WHERE FOUNDED IN SHRINKABLE

- L EXCAVATIONS SHALL BE KEPT FREE FROM WATER, LOOSE TERIAL AND RUBBISH ETC. THE FORMATION LEVEL SHALL T BE EXPOSED UNTIL THE DAY OF THE CONCRETE POUR. NCRETE IS SPECIFIED IN ACCORDANCE WITH BS8500-1 AND E SPECIAL DIGEST No1 ALL CONCRETE IS TO CONFORM TO EN 206-1 AND BS 8500-2

  EN 206-1 AND BS 8500-2

  NCRETE STRENGTH/DURABLITIY REQUIREMENTS ARE AS
- TE TO BE GRADE C30 (COMPRESSIVE TH 30 N/mm2 ), DESIGNED FOR APPROPRIATE TE CLASS AND ACEC CLASS TO B.R.E SPECIAL
- NCRETE SAMPLING AND TESTING SHALL BE RRIED OUT IN ACCORDANCE WITH BS 1881.

  IT OF ANY EXISTING DRAINPIPES OR SERVICES IS TO MED UPON EXCAVATION, AND SPLIT SLEEVE STO BE USED WHERE THOSE TO REMAIN, AND ANY PIPES OR SERVICES, PASS THROUGH NEW ON CONCRETE. THE DUCTING SHOULD BE SUITABLY PROVIDE A MINIMUM 50mm CLEAR VOID AROUND RESERVICE. THE VOID MAY BE USING EXPANDED SINE OR SIMILAR MATERIAL.

  UNDATIONS REQUIRE COMPRESSIBLE MATERIAL EXCESS OF 1500mm DEEP IN SHRINKABLE THE FOUNDATIONS TO WITHIN 500mm OF THE PRESSIBLE MATERIAL IS NOT REQUIRED TO WALL FOUNDATIONS. THE COMPRESSIBLE MATERIAL LAYMASTER BY CORDEK LTD. THICKNESS OF IBLE AND SLIP MATERIALS SHALL BE AS SHOWN ON ANT SECTIONS ON THE ENGINEERS DRAWINGS. ALL SHALL BE INSTALLED WITH ADEQUATE TEMPORARY JURING POURING OF CONCRETE TO ENSURE AGAINST MOVEMENT.

  TRENCH-FILL FOUNDATIONS SHOULD BE DEAD TO THE LINE UNDATION. LAPS IN MESH TO BE 500mm MINIMUM. TO FOUNDATION TO HAVE A COMPRESSIVE AT LEAST EQUAL TO THAT USED ABOVE DPC, OR AS THE FOUNDATION DETAILS, WHICHEVER IS THE IN ALL CASES BLOCKWORK BELOW DPC SHOULD IN CLASS IORTAR.
- BUILDING REGULATION REQUIREMENTS, AND AS
  THE ARCHITECT UNLESS NOTED OTHERWISE.
  G INSPECTOR AND ENGINEER ARE TO BE
  HE OPPORTUNITY OF INSPECTING THE FORMATION
  FOUNDATIONS PRIOR TO THE PLACING OF THE
  LLOW A MINIMUM 24 HOURS NOTICE FOR VENTILATION (BOTH INTERNAL AND EXTERNAL E IN ACCORDANCE WITH NHBC ( BELOW DPC LEVEL SHALL COMPLY WITH NHBC CKWORK STRENGTHS ARE TO BE IN TTH THE ENGINEER AND ARCHITECT SKETCHES

Project

GENERAL NOTES

ALL FOUNDATIONS ARE TO BE AT LEAST 600mm WIDE, UNLESS NOTED OTHERWISE.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS & DOCUMENTS BY CISTEC AND ARCHITECT'S, SPECIFICATIONS & SOIL INVESTIGATION REPORT.

GENERAL NOTES

- D FOR THIS EXTENSION. THE IDEA IS TO UTILISE THOSE UG FOUNDATIONS AS MUCH AS POSSIBLE FOR THE SED NEW EXTENSION.

  SED NEW EXTENSION.

  BY THICKNESS OF CONCRETE BETWEEN 150 AND IVE THICKNESS OF CONCRETE BETWEEN 150 AND ITVE THICKNESS OF CONCRETE BETWEEN 150 AND ITVE THOSE HAVING A THICKNESS OF CONCRETE IN OF 500mm THE MINIMUM THICKNESS OF CONCRETE IN OF 500mm THE MINIMUM THICKNESS OF CONCRETE IN THE WALL THICKNESS, DIVIDED BY TWO; OR 300mm EVER IS THE GREATER.

  SOF ANY EXISTING OR NEW TREES TO BE PLANTED AS MAY GENERATE VARIATIONS IN FOUNDATION DEPTH (EMENTS. IT IS THE RESPONSIBILITY OF THE LANDSCAPE IN THE CORD OF THE LANDSCAPE OF THE LANDSCAPE
- ALL FOUNDATIONS SHALL BE CENTRAL ABOUT THE WALL OVER UNLESS NOTED OTHERWISE. THE SETTING OUT OF THE FOUNDATIONS IN RELATION TO THE MASONRY IS AS SHOWN ON THE RELEVANT PLANS AND SECTIONS. THE ENGINEER SHALL BE INFORMED OF ANY VARIATIONS REQUIRED ON SITE TO ALLOW FOR POSSIBLE REVISION OF THE FOUNDATION SETTING OUT DETAILS.

PRIOR TO ANY WORK BEING COMMENCED ON SITE, THE ENGINEER SHOULD BE CONTACTED REGARDING THE CURRENT STATUS OR REGULATORY TECHNICAL APPROVAL OF THIS DRAWING.

- THE FOUNDATIONS SHALL CONFORM TO THE FOLLOWING CRITERIA GENERATES THE
- TO THE MINIMUM DEPTHS AS SHOWN ON THE ENGINEER'S DRAWINGS, BELOW EXISTING OR PROPOSED GROUND LEVELS, WHICHEVER IS THE LOWER.

  TO A MINIMUM 1000m BELOW THE EXISTING GROUND LEVELS.

  TO A MINIMUM 1000mm BELOW THE PROPOSED GROUND LEVELS. SUSPENDED GROUND FLOOR SLABS:

  1. SUSPENDED GROUND FLOOR SLABS TO BE 225 DEEP BEAM AND BLOCK CONSTRUCTION, OR WIDESPAN HOLLOWCORE PC UNITS, DESIGNED AND SUPPLIED BY AN APPROVED SPECIALIST. THUS SPAN DIRECTION NOTED AS:

  5. FOR SPAN LENGTHS, PLUS POSITIONS AND TYPES OF PARTITION WALLS SUPPORTED BY THE FLOOR, REFER TO ARCHITECTS DRAWINGS. FOR SUB FLOOR VOID VENTILATION DETAILS REFER TO ARCHITECTS DRAWINGS.

  5. FLOOR CONSTRUCTION TO BE DESIGNED FOR THE FOLLOWING LOADS:
  DEAD (EXCLUDING SELF WEIGHT OF FLOOR UNITS):
  CHIPBOARD AND INSULATION = 0.15KN/M2
  100MM LIGHTWEIGHT BLOCK PARTITIONS = 3.00KN/M RUN 75MM LIGHTWEIGHT STUD PARTITIONS = 1.00KN/M RUN IMPOSED LOAD (TO BS6399): 5.00 KN/M2
- MATERIAL.

  A MINIMUM OF 300mm INTO UNDISTURBED NATURAL
  A MINIMUM OF 300mm INTO A
  NDATIONS ARE TO BEAR A MINIMUM OF 300mm INTO A
  ABLE FORMATION TO ACHIEVE A MINIMUM BEARING

WALLS - GENERALLY

1. ALL BRICKWORK

- 75 KN/m2.
  S ADJACENT TO PIPE RUNS OR MANHOLES ARE TO CORMATION LEVEL SET ABOVE THE INVERT LEVEL HAN THE EQUIVALENT OF THE HORIZONTAL TWEEN THE PIPE/EXCAVATION TRENCH AND THE , MINUS 500mm.
  S FOUNDATIONS ENCOUNTERED ARE TO BE T LOCALLY AT NEW FOUNDATION POSITIONS, TO N THE DEPTH OF THE EXISTING FORMATION HE NEW FOUNDATION LEVEL IS TO EPTH, WITH STEPPING TO ADJOINING ACCORDINGLY (REFER TO NOTE 6).
  ON JOINTS AND STEPS IN FOUNDATIONS ARE TO DANCE WITH NHBC STANDARDS CHAPTER 4.4 ALLS - GENERALLY

  ALL BRICKWORK AND BLOCKWORK IS TO COMPLY WITH
  THE PROVISIONS OF BS 5628: PART 3 USE OF MASONRY.
  MORTAR TO BS5628-3 - SUPERSTRUCTURE DESIGNATION
  (II) AS 1:1:6 (CEMENT: LIME: SAND) OR 1:6 CEMENT:SAND)
  PLUS PLASTICIZER;- BELOW GROUND DESIGNATION (I) OR
  (II) AS 1:4 (CEMENT:SAND) PLUS PLASTICIZER.
  INTERNAL MASONRY BLOCKWORK LOAD BEARING
  BLOCKWORK INDICATED THUS:
  NON-LOAD BEARING BLOCKWORK INDICATED THUS:
  ALL LOAD BEARING BLOCKWORK WALLS FROM TOP OF
  FOUNDATION TO U/S OF FIRST FLOOR TO BE
  CONSTRUCTED WITH 7.3N/mm² BLOCKS. LOAD BEARING
  WALLS ABOVE FIRST FLOOR CAN BE 3.6 N/mm².
- 1. ALL LINTELS TO BE SELECTED TO SUIT THE PARTICULAR LOAD CONDITIONS.

  2. MINIMUM 200 MM BEARING FOR LINTELS WITH SPAN IN EXCESS OF 1500MM, 150MM IF UNDER.
- TIMBER STRUCTURES
   ALL TIMBER IS TO BE GRADE SC4 UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
   ALL TIMBER MEMBERS (TIMBER STUDS ETC) TO BE TREATED IN ACCORDANCE WITH BS 5268 5 AND RECOMMENDATIONS BY TRADA.
- Rev Amendment
  P1 First Issue, preliminary F2 Preliminary for commer
  P3 For Tender & comment First issue, preliminary for comme Preliminary for comments only. For Tender & comments only.
- Drawing
  STRUCTURAL ENGINEERING Client
- TYPICAL SECTIONS & DETAILS Hounslow Jamia Mosque 1280-300 P3 STATUS: TENDER