

FOUNDATIONS NOTES:

ALL FOUNDATIONS TO BE TAKEN DOWN TO FORMATION LEVEL STATED OR GOOD NATURAL GROUND WHICHEVER IS DEEPER.

DEPTHS STATED ON DRAWINGS SHOULD BE MEASURED FROM EXISTING NATURAL GROUND LEVEL.

ASSUMED FOUNDING STRATA IS "FIRM CLAY" (IN ACCORDANCE WITH DESCRIPTION AS BUILDING REGULATIONS PART A TABLE-10) REPORT TO ENGINEER IF OTHERWISE.

DO NOT EXPOSE FORMATIONS IN CLAY TO RAIN, BLIND WITH 50mm MASS CONCRETE IF LEFT EXPOSED OVERNIGHT.

FOOTINGS TO BE CENTRED ON WALL LINES OVER UNO.

MASS CONCRETE FOOTINGS TO BE FND3 CONCRETE.

CONCRETE NOTES:

CONCRETE TO BE DESIGNATED GRADE RC25/30.

COVER BOTTOM 50mm.

COVER TOP & SIDES 50mm.

MINIMUM LAPS:

- H12 500mm
- H16 650mm
- H20 800mm
- H25 1000mm

MASONRY NOTES:

LOADBEARING WALLS (LEAFs) IN MIN 7.3N/mm² BLOCK IN M4 MORTAR.

MORTAR BELOW DPC TO BE M6.

WALL SETTING OUT AS ARCHITECTURAL GAS.

WHERE BEAM BEARINGS DO NOT REQUIRE PADSTONES ENSURE BEAM BEARS ON FULL BLOCK; NOT MORTAR JOINT.

INSTALL NEEDLES AND TEMPORARY PROPPING PRIOR TO DEMOLITION OF MASONRY WALLS WHERE STRUCTURE IS TO BE RETAINED ABOVE. INSTALL NEW BEAMS AND DRY PACK BETWEEN NEW BEAM AND EXISTING MASONRY WALL PRIOR TO REMOVING TEMPORARY PROPPING AND NEEDLES.

TEMPORARY WORKS AND PROPPING AS SPECIFIED BY CONTRACTOR.

STEELWORK NOTES:

CONTRACTOR / INSTALLER TO RE-MEASURE ON SITE TO DETERMINE EXACT STEEL BEAM LENGTHS PRIOR TO ORDERING / FABRICATING.

ALL STEELWORK HOT FINISH S275JR UNO.

ALL BOLTS TO BE GRADE 8.8 UNO.

ALL INTERNAL STEELWORK FACTORY PRIMED WITH TWO PACK ZINC PHOSPHATE EPOXY PRIMER WITH DFT OF 80 MICRONS.

ALL STEELWORK TO HAVE MIN 100mm BEARING ON WALLS & PADSTONES UNO.

ALL STEELWORK TO BE FIRMLY BUILT INTO EXISTING WALLS.

ALL BASE PLATES TO BE BEDED ON 20mm HIGH STRENGTH GROUT.

BITUMEN COAT BASE OF ALL STEEL COLUMNS AND CONCRETE ENCASE WITH 100mm SURROUND UP TO FGL.

STEELWORK LEVELS AND SETTING OUT AS ARCHITECTURAL DRAWINGS AND DETAILS.

TIMBER NOTES:

PROVIDE 1x ROWS OF 3/4 DEPTH NOGGINS AT MID SPAN OF RAFTERS OVER 2.5m LONG.

ALL TRIMMERS COMPOSED OF MORE THAN ONE SECTION TO BE BOLTED THROUGH @ 500CRS.

ALL BOLTS THROUGH TIMBER TO BE G4.6 UNO.

ALL BOLTS THROUGH TIMBER TO HAVE 48x48x4 SQUARE WASHER PLATES BENEATH NUTS.

ALL TIMBER TO TIMBER CONNECTIONS (WHERE NOT SPECIFIED ON DRAWINGS) ARE TO BE MADE IN ACCORDANCE WITH CURRENT GOOD PRACTICE TO ENSURE THEY ARE FIRMLY FIXED TOGETHER.

ALL PROPRIETARY JOIST HANGERS, TRUSS CLIPS ETC TO BE FIXED IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS.

RESIN ANCHOR NOTES:

ALL RESIN ANCHORS TO BE INSTALLED CENTRALLY THROUGH WALL PLATES.

ALL RESIN ANCHORS TO BE INSTALLED INTO BRICK NOT MORTAR JOINTS. REPOINT MORTAR ALONG WALL PLATE LINES AS NECESSARY TO GIVE SOUND WALL LINE TO 2x COURSES ABOVE AND BELOW WALL PLATE.

ALL RESIN ANCHORS TO HAVE 48x48x4 SQUARE WASHER PLATES BENEATH NUTS.

GENERAL NOTES:

TO BE READ IN CONJUNCTION WITH ARCHITECTS DRAWINGS.

WORK TO GIVEN DIMENSIONS ONLY, DO NOT SCALE.

DPCs NOT SHOWN ON STRUCTURAL DRAWINGS, REFER TO ARCHITECTS DETAILS.

EXPERIENCE LEVEL OF CONTRACTOR ASSUMED IN THE PRODUCTION OF THE ABOVE NOTES AND CRUCIS DESIGNS LTD DRAWINGS IS THAT SUITABLE FOR THE ALTERATION OF TRADITIONAL MASONRY DOMESTIC BUILDINGS INCLUDING DEMOLITION OF WALLS AND INSTALLATION OF STEEL BEAMS.

FOR CONSTRUCTION

THIS ISSUE	A	CONSTRUCTION	31.07.19	CONSTRUCTION ISSUE	OJF/CCW
-	COMMENT	28.06.19	FIRST ISSUE		OJF/CCW
Revision	Reason for Issue	Issue Date	Revision Notes		DRW/CHK

Title: FOUNDATION STRUCTURE	Project N.o: 18234 Drawing N.o: 001 Drawn: OJF Scale @ A3: AS SHOWN <small>DIMENSIONS IN mm DO NOT SCALE</small>
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Project: LEIGH-ON-SEA COMMUNITY CENTRE 71-73 ELM ROAD SS9 1SP	Client: LEIGH-ON-SEA TOWN COUNCIL
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