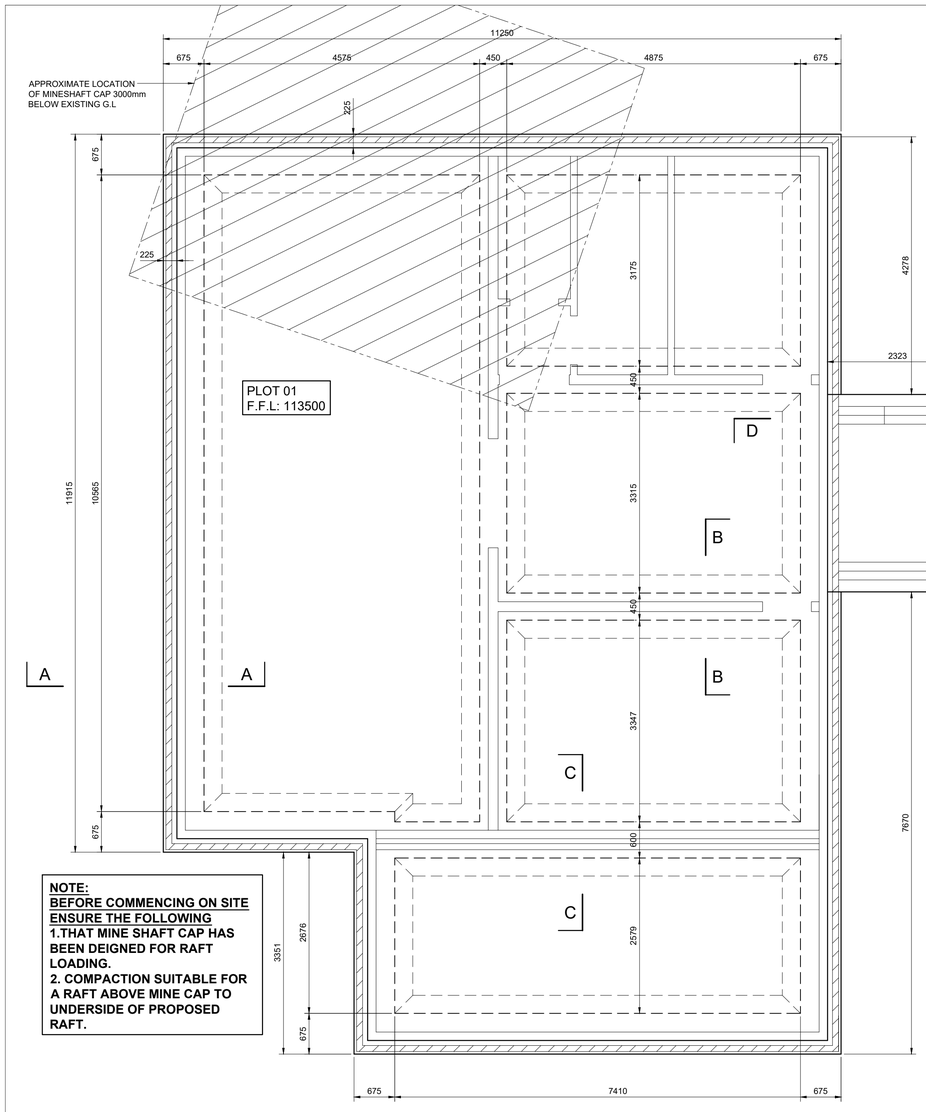
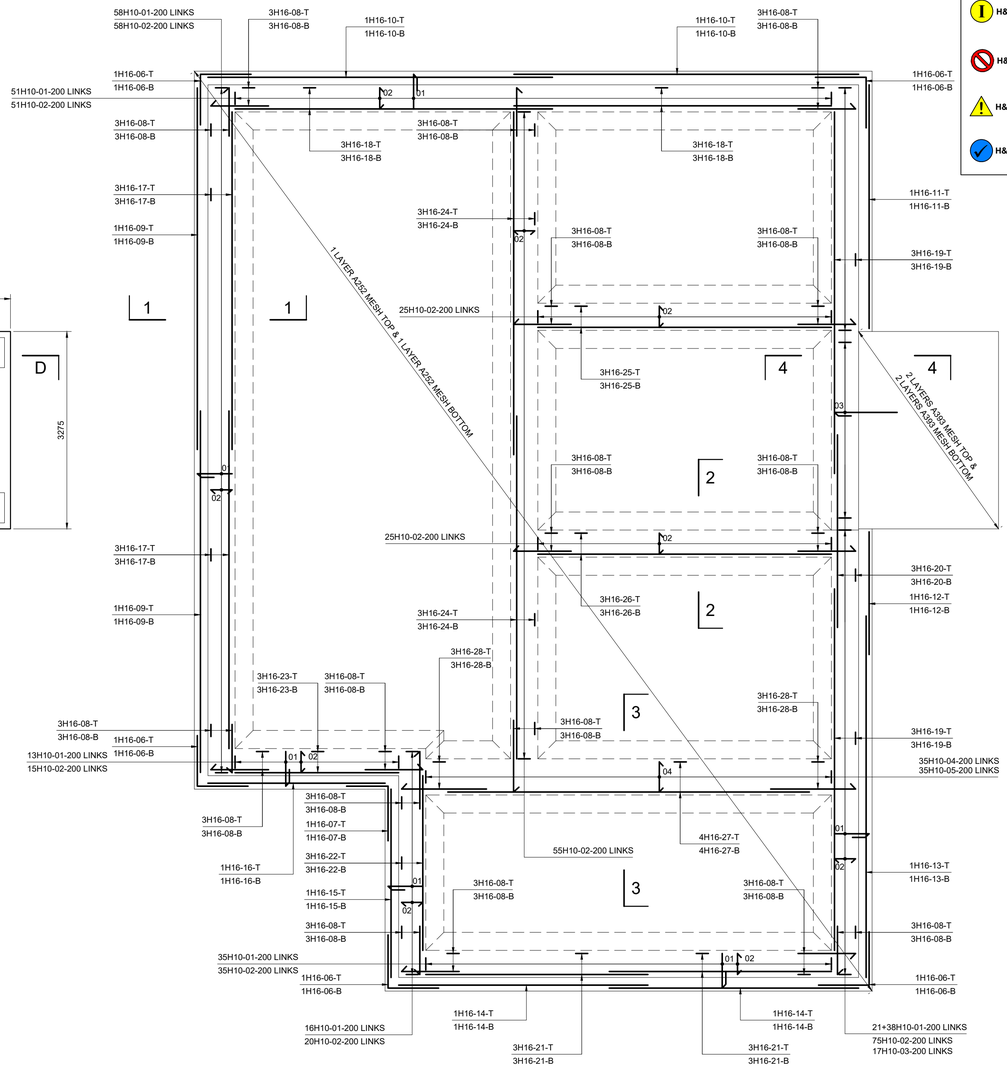


NOTE:
BEFORE COMMENCING ON SITE ENSURE THE FOLLOWING
1.THAT MINE SHAFT CAP HAS BEEN DEIGNED FOR RAFT LOADING.
2. COMPACTION SUITABLE FOR A RAFT ABOVE MINE CAP TO UNDERSIDE OF PROPOSED RAFT.

PLOT 01 FOUNDATION SETTING OUT PLAN

SCALE 1:50



PLOT 01 FOUNDATION REBAR PLAN

SCALE 1:50

Health & Safety Information Key:

- H&S-INFO
- H&S-PREVENT
- H&S-WARN
- H&S-ACTION

GENERAL NOTES

1. NO DIMENSIONS TO BE SCALED OFF THIS DRAWING.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
5. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

CONCRETE NOTES

1. ALL CONCRETE SHALL BE DESIGNED IN ACCORDANCE WITH BS:8110 AND BS:8500 AND THE SPECIFICATION (UNLESS NOTED OTHERWISE)
 GENERALLY:-
 FOUNDATIONS RC 28/35
2. ALL REINFORCING BARS AND MESH SHALL BE IN ACCORDANCE WITH THE SPECIFICATION. ALL BARS SHALL BE HIGH YIELD BARS AND SHALL BE DEFORMED TYPE 2
3. ALL REINFORCEMENT SHALL HAVE NOMINAL COVER AS STATED ON THE REINFORCEMENT DRAWINGS AND SPECIFICATION
4. CONCRETE SOFFITS CAST AGAINST THE GROUND SHALL BE PROTECTED BY MINIMUM 2000 GAUGE DPM SHEETING OR SHUTTERING
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CAST IN FIXINGS BY SUB-CONTRACTORS AND THESE ARE TO BE CO-ORDINATED TO ENSURE THAT THESE ARE SUBMITTED FOR REVIEW PRIOR TO INCLUSION WITH IN THE WORKS

COVER NOTES :- FOUNDATIONS

TOP COVER	40mm NOMINAL
SIDE COVER	40mm NOMINAL
BOTTOM COVER	40mm NOMINAL

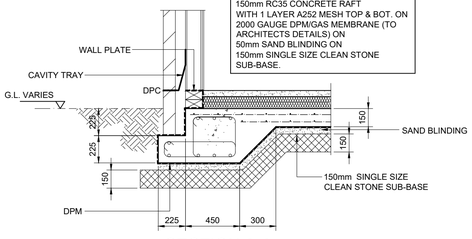
FOUNDATION NOTES.

1. THE BASE SPECIFICATION FOR FOUNDATION WORKS SHALL BE BS8004 'BRITISH STANDARD CODE OF PRACTICE FOR FOUNDATIONS.
2. THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY VARIATIONS TO THE REPORTED GROUND CONDITIONS OR WHERE VARIABLE GROUND IS ENCOUNTERED AT FOUNDING DEPTH.
3. FOR DETAILS OF GROUND CONDITIONS REFER TO GROUND INVESTIGATION REPORT PREPARED BY RODGERS LEASK LTD. THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY VARIATIONS TO THE REPORTED GROUND CONDITIONS.
4. ALL OBSTRUCTIONS, OLD FOUNDATIONS, DISUSED SEWERS ETC. SHALL BE REMOVED FOR THE EXTENT OF THE FOUNDATIONS WORKS AND BACKFILLED TO THE APPROVAL OF THE ENGINEER.
5. FOUNDATIONS HAVE BEEN DESIGNED FOR A GROUND BEARING PRESSURE OF:
 75kN/m²
 WHERE ITS NECESSARY TO EXCAVATE TO REACH AN APPROVED BEARING STRATUM, THE RESULTANT VOID IS TO BE BACKFILLED WITH MASS CONCRETE.
6. THE FOLLOWING CONCRETE MIXES ARE TO BE USED (IN ACCORDANCE WITH BS53280 :-

LOCATION	MIX REFERENCE	DETAILS
FOOTINGS	RC35	

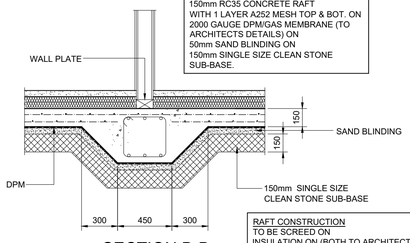
7. UNLESS THE FOUNDATION FORMATIONS ARE CONCRETED IMMEDIATELY THEN 50mm OF BLINDING CONCRETE SHALL BE PROVIDED. ALL FORMATIONS FOR INSITU REINFORCED CONCRETE ARE TO BE CONCRETE BLINDED. THE BLINDING DEPTH SHALL NOT BE REGARDED AS PART OF THE DESIGNED FOUNDATION DEPTH NOTED ON THE DRAWINGS.
8. EXCAVATION SIDE SUPPORT AND DISPOSAL OF GROUND WATER SHALL BE CONSIDERED UPON THE BASIS OF THE GROUND REPORT AND ON-SITE VISUAL INSPECTION.

RAFT CONSTRUCTION
TO BE SCREED ON
INSULATION ON (BOTH TO ARCHITECTS DETAILS)
150mm RC35 CONCRETE RAFT
WITH 1 LAYER A252 MESH TOP & BOT. ON
2000 GAUGE DPM/GAS MEMBRANE (TO ARCHITECTS DETAILS) ON
50mm SAND BLINDING ON
150mm SINGLE SIZE CLEAN STONE SUB-BASE.



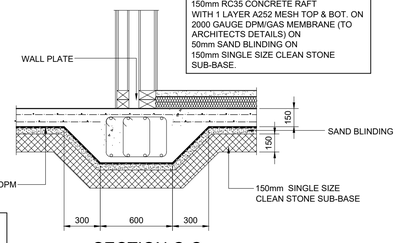
SECTION A-A.

SCALE 1:25



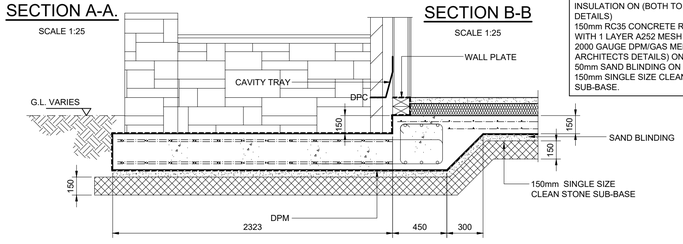
SECTION B-B

SCALE 1:25



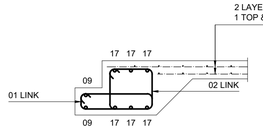
SECTION C-C

SCALE 1:25



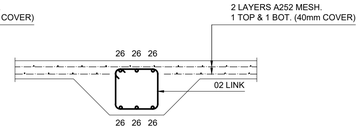
SECTION D-D.

SCALE 1:25



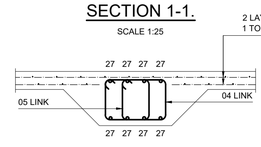
SECTION 1-1.

SCALE 1:25



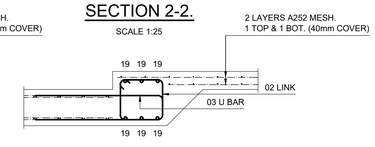
SECTION 2-2.

SCALE 1:25



SECTION 3-3.

SCALE 1:25



SECTION 4-4.

SCALE 1:25

Rev.	Date	Amendments	By	Chk'd
P02.	01.06.20	Drawings updated to show concrete spec and ground bearing pressure.	J.E.B.	K.T.

Client

Mr & Mrs J Gilluley

Project

PLOT 1 - WERN DDU, NEATH

Drawing Title

RAFT FOUNDATION DETAILS

Status

PRELIMINARY

Scale	Drawn	Checked	Date
1:50	J.E.B.	K.T.	-

Project/Drawing No. Rev.

20167-RLL-20-FN-DR-S-1000 P02

File Path:

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