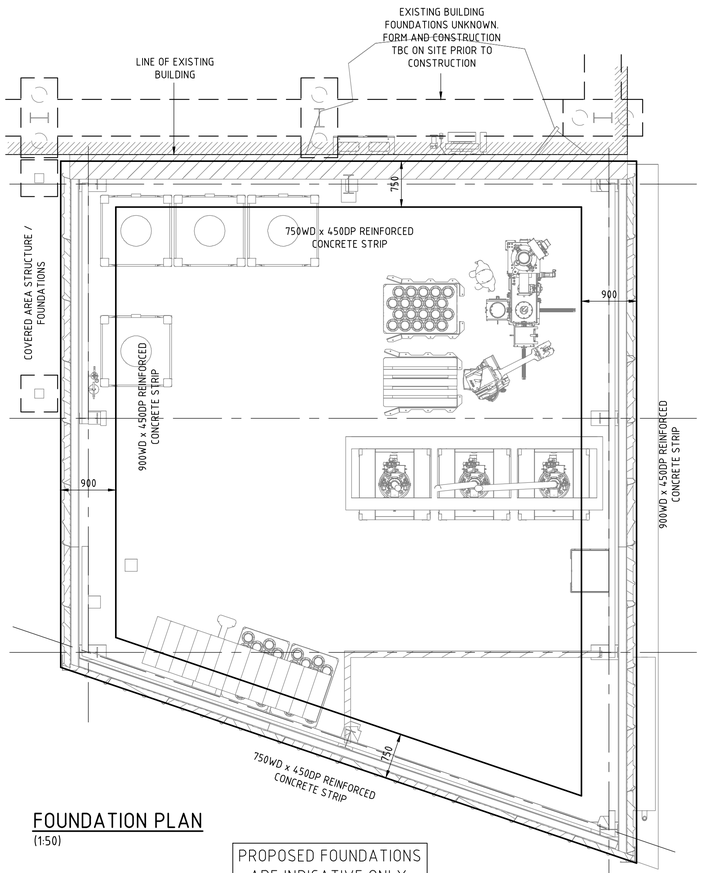
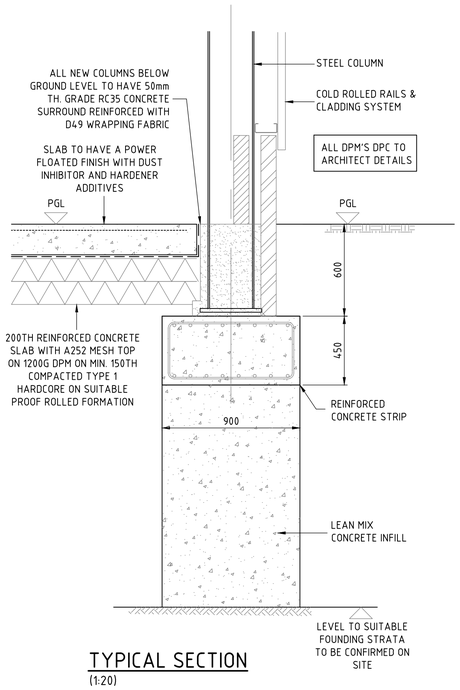


FOUNDATION PLAN
(1:50)

PROPOSED FOUNDATIONS ARE INDICATIVE ONLY. SIZE AND FORM TO BE CONFIRMED DURING DESIGN STAGE.



TYPICAL SECTION
(1:20)

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES. ALL LEVELS ARE IN METRES.
2. DO NOTE SCALE FROM THIS DRAWING, USE FIGURED DIMENSIONS ONLY.
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE LATEST ENGINEERS, ARCHITECT'S DRAWINGS & SPECIFICATIONS.

FOUNDATION NOTES

1. THE BASE SPECIFICATION FOR FOUNDATION WORKS SHALL BE BS 8004 'BRITISH STANDARD CODE OF PRACTICE FOR FOUNDATIONS'.
2. FOR DETAILS OF GROUND CONDITIONS REFER TO THE RELEVANT GROUND INVESTIGATION REPORT.
3. THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY VARIATIONS TO THE REPORTED GROUND CONDITIONS.
4. THE ENGINEER IS TO BE INFORMED IMMEDIATELY IF FOUNDATION DEPTHS SUBSTANTIALLY EXCEED THE MINIMUM DEPTHS INDICATED UPON THE DRAWINGS.
5. ALL OBSTRUCTIONS, OLD FOUNDATIONS, DISUSED SEWERS ETC SHALL BE REMOVED FOR THE EXTENT OF THE FOUNDATION WORKS AND BACKFILLED TO THE APPROVAL OF THE ENGINEER.
6. PRIOR TO CONCRETING, FORMATION LEVEL TO BE INSPECTED AND APPROVED BY THE ENGINEER.
7. TOP OF FOUNDATION LEVEL TO BE AS NOTED ON THE DRAWING.
8. ALL BLOCKS BELOW DPC TO HAVE A MINIMUM STRENGTH OF 7N/mm^2 AND A DENSITY OF 1800 Kg/m^3.
9. UNLESS FOUNDATION FORMATIONS ARE CONCRETED IMMEDIATELY THEN 50mm MINIMUM OF BLINDING CONCRETE SHALL BE PROVIDED.
10. THE BLINDING DEPTH SHALL NOT BE REGARDED AS PART OF THE DESIGNED FOUNDATION DEPTH AS NOTED ON THE DRAWINGS.
11. EXCAVATION SIDE SUPPORT AND DISPOSAL OF GROUND WATER SHALL BE CONSIDERED UPON THE BASIS OF THE GROUND INVESTIGATION REPORT AND AN ON-SITE VISUAL INSPECTION.
12. DPM TO BE USED AND LAID STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND LAPPED TO DPC WHERE APPLICABLE.
13. ALL COMPACTION TO BE CARRIED OUT IN ACCORDANCE WITH THE DoT SPECIFICATION.
14. FOUNDATION DESIGNED FOR AN ALLOWABLE GROUND BEARING PRESSURE OF 100kN/m^2

REINFORCED CONCRETE NOTES

1. THE BASE SPECIFICATION FOR REINFORCED CONCRETE WORKS SHALL BE BS 8110 "STRUCTURAL USE OF CONCRETE".
2. ALL REINFORCEMENT IS SCHEDULED IN ACCORDANCE WITH BS 8666 UNLESS NOTED OTHERWISE.
3. ALL SETTING OUT ARRANGEMENTS ARE DETAILED ON DRAWING No. 01 UNLESS NOTED OTHERWISE.
4. ALL REINFORCEMENT IS INDICATED ON THIS DRAWING.
5. MINIMUM COVER TO REINFORCEMENT TO BE AS FOLLOWS UNLESS NOTED OTHERWISE- 40mm.
6. MINIMUM LAPS TO REINFORCEMENT TO BE NOT LESS THAN 40 Ø UNLESS NOTED OTHERWISE.
7. ABBREVIATIONS: T - TOP
 B - BOTTOM
8. LOCATION OF DAYWORK JOINTS TO BE AGREED WITH THE ENGINEER PRIOR TO COMMENCEMENT OF THE WORKS ON SITE.
9. ALL CONCRETE MIX CERTIFICATES AND THE CUBE TESTING PROGRAMME SHALL BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF THE WORKS ON SITE.
10. ALL CONCRETE TO BE MINIMUM DESIGN SULPHATE CLASS DS3.

Rev.	Description	Date
A	Existing building line amended	28/11/2019

LB STRUCTURALDESIGN
tel: 07702048544
e-mail: LEWIS@LBSTRUCTURAL.CO.UK

Project Name & Address
ALU SIEVING BUILDING
SANDVIK-OSPREY LTD
MILLAND ROAD
NEATH

Drawing Title
ALU SIEVING BUILDING EXTENSION
FOUNDATION PLAN & DETAILS

Project / Drawing Number	Revision
LS386 / 001	A
Scale: as shown @ A1	Date: 25-11-2019

FOR PLANNING ONLY