A1

This drawing is copyright and may not be copied or reproduced without the written consent of ML Consulting.
The contractor is responsible for setting out and must check all levels and dimensions prior to work being out in hand.
This drawing should not be scaled.
Only written dimensions are to be taken in respect of this project.
The designer is to be immediately notified of any suspect omissions or discrepancies.

NOTES

1) All dimensions in mm unless stated otherwise
2) All works to conform to the local authority requirements and standards. If any specifications for works that vary from notes on drawing then contractor to follow local authority requirements in preference to those stated on drawing and as agreed with the project manager
3) The proposed adoptable highway extent is shown with red boundary
4) Vehicle used for turning head tracking is standard UK Refuge Vehicle. Set at 10kph on entry to site & 10 kph at turning head forward speed (with 2.5 kph reverse speed). Tracking software used is industry standard as included with latest 2020 AutoCAD software.



Retaining walls

675mm MAX

1125mm MAX

1575mm MAX.

Ref.	Description	Date	By
P2	Entry Radii and turning circle updated	Aug 20	RB

ML CONSULTING
STRUCTURAL ENGINEERS
23 Musters Road
West Bridgford
Nottingham
NG2 7PP
0115 9827992
info@ml-consulting.co.uk
ml-consulting.co.uk

Project
PROPOSED DEVELOPMENT
OFF GREGG AVENUE
NEWLANDS, HEANOR

Drawing
PROPOSED HIGHWAY
TURNING HEAD TRACKING

Issue: PRELIMINARY

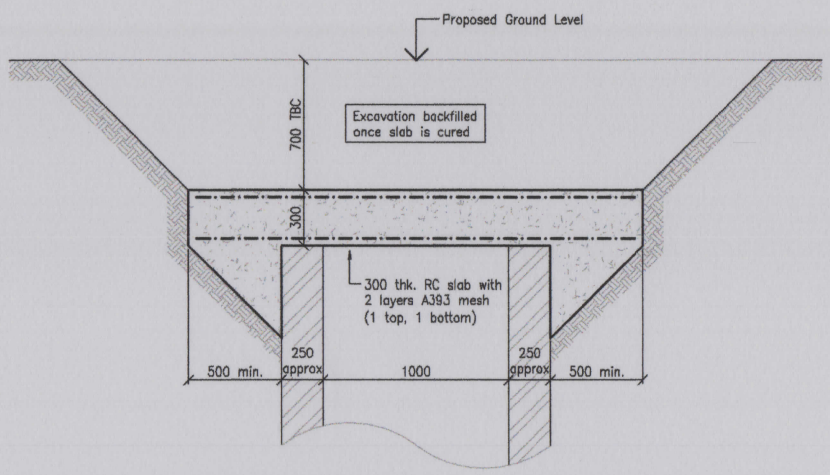
Drawn	Engineer	Checked
SLS	RB	DB

Scale	Date
1:200 at A1	Jan 2020

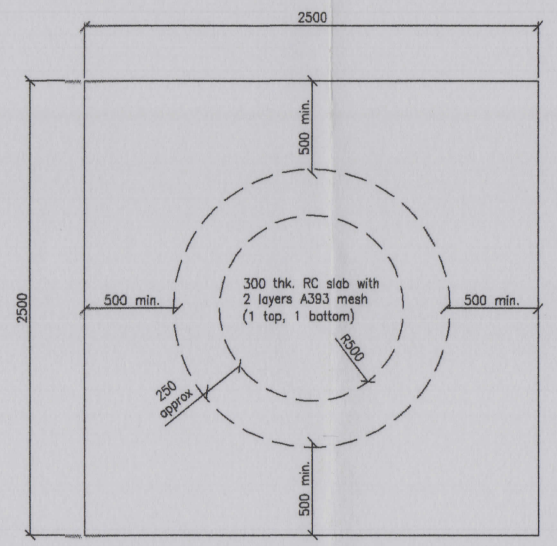
Project No.	Drawing No.	Revision
18-314	312	P3

A1

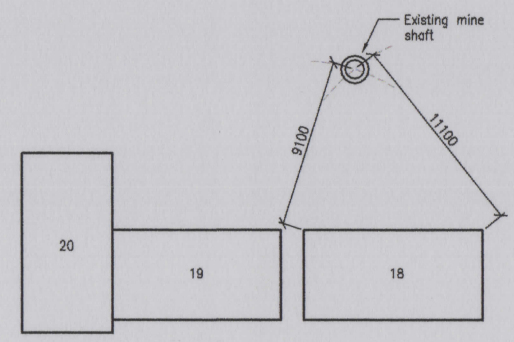
This drawing is copyright and may not be copied or reproduced without the written consent of ML Consulting.
The contractor is responsible for setting out and must check all levels and dimensions prior to work being put in hand.
This drawing should not be scaled.
Only written dimensions are to be taken in respect of this project.
The designer is to be immediately notified of any suspect omissions or discrepancies.



Section. Capping Slab
Scale 1:20



Plan. Capping Slab
Scale 1:20



Site Plan
Scale 1:200

Traditional Foundation Notes:

1. The base Specification for foundation works shall be BS EN 1997-1 Eurocode 7 'Geotechnical Design, General Rules'.

2. For details of ground conditions refer to Ground Investigation Report prepared by ..... dated ..... The Engineer shall be immediately notified of any variations to the reported ground conditions.

3. Foundations have been designed assuming a net allowable bearing pressure of ... kN/m² and shall bear onto ..... Formation to be agreed with the Engineer & Building Control before construction commences.

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 sewer etc shall be removed for the extent of the foundation works and backfilled to the approval of the Engineer.

6. For setting out of masonry see Architects drawings.

7. The following concrete mixes are to be used (in accordance with BS8500):

Location	Mix Reference
Foundations	RC 32/40
Capping Slab	RC 32/40

The above concrete mixes have been selected for BRE Special Digest 1.

8. Unless foundation formations are concreted immediately 50mm of blinding concrete shall be provided. All formations for insitu reinforced concrete foundations are to be concrete blinded. The blinding depth shall not be regarded as part of the designed foundation depth noted on the drawings.

9. Excavation side support & disposal of ground water shall be considered upon the basis of the ground investigation report & on-site visual inspection.

10. Where trees are located in close prosimity to buildings etc, design precautions are to be taken in accordance with the N.H.B.C standards (refer to Engineer for further advice).

Reinforcement Notes:

1. Concrete cover to reinforcement to be 35mm UNO.

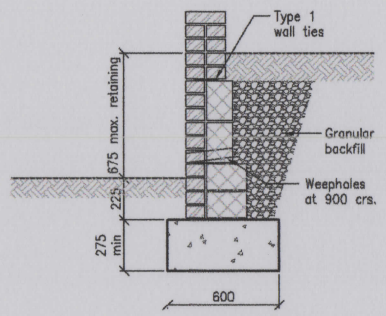
2. Reinforcement bars are to be lapped a minimum of 40Ø UNO.

3. Reinforcement scheduled on this drawing is listed on Bar Bending Schedule no. 18314/-.

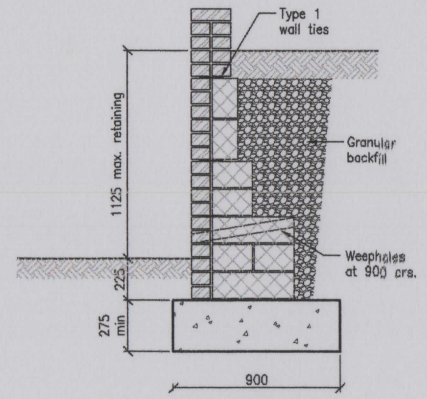
4. All reinforcement to BS8666 UNO.

5. Location of daywork joints & details is to be agreed with the Engineer prior to commencement of the works on site.

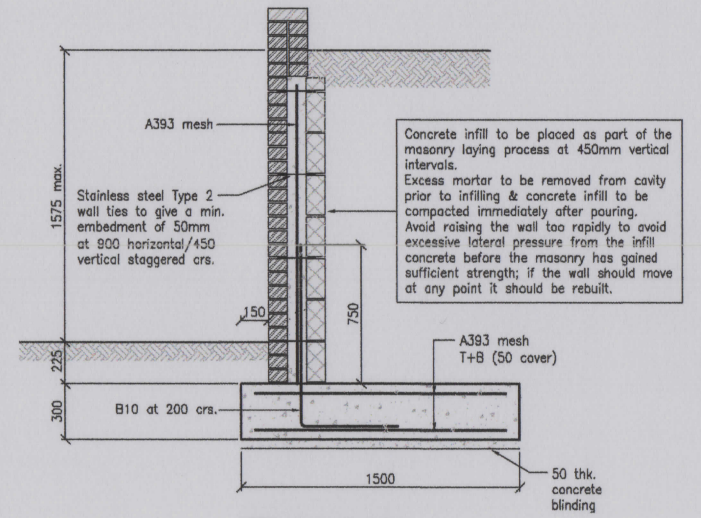
6. All temporary works to be the responsibility of the Contractor.



675 retained height
Scale 1:20



1125 retained height
Scale 1:20



1575 retained height
Low Lift Construction Method
Scale 1:20

Ref.	Description	Date	By
C1	Construction Issue	11.08.20	JT

ML CONSULTING
STRUCTURAL ENGINEERS
23 Musters Road
West Bridgford
Nottingham
NG2 7PP
0115 9827492
info@ml-consulting.co.uk
ml-consulting.co.uk

Project: Gregg Avenue, Heanor

Drawing: Details

Issue: Construction

Drawn	Engineer	Checked
RB	JL	JL

Scale: 1:50, 1:10 at A1

Date: Oct 18

Project No.: 18-314

Drawing No.: 110

Revision: C1