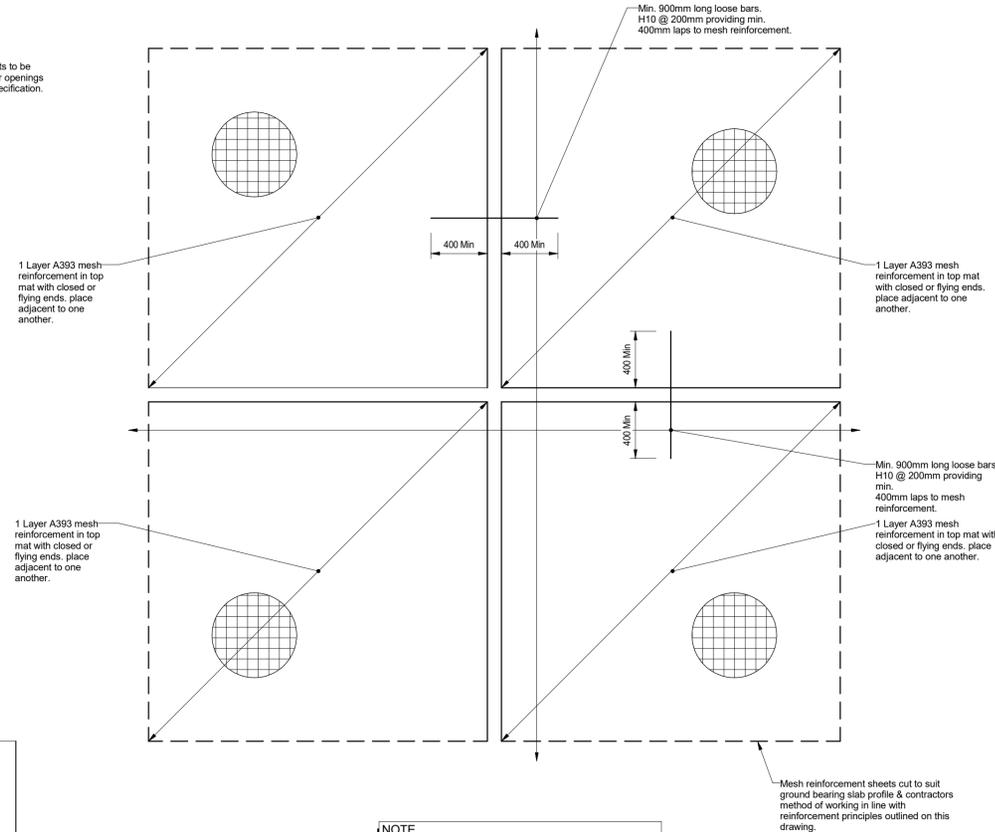
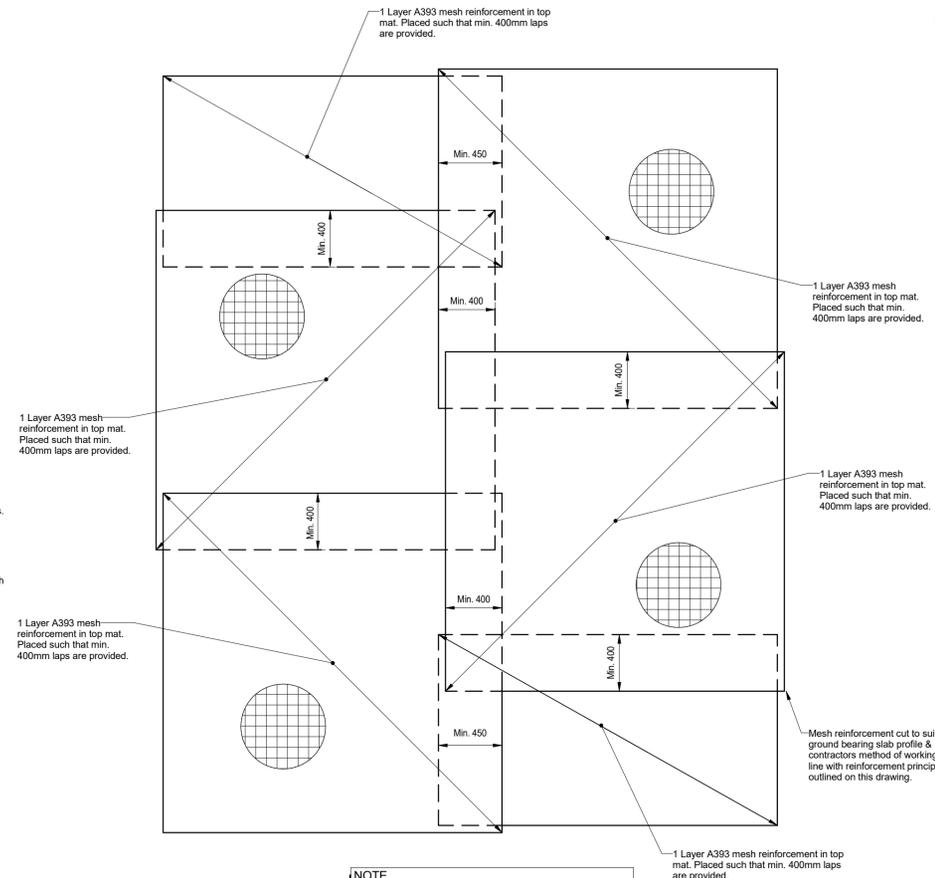


**Plan: Generic Ground Bearing Slab Plan**  
N.T.S.



**Option 1 - Reinforcement Mesh Detailing in Ground Bearing Slabs**  
scale 1 : 25



**Option 2 - Reinforcement Mesh Detailing in Ground Bearing Slabs**  
scale 1 : 25

**NOTE:**  
**Sequence of Construction for Ground Bearing Slabs:**

1. Remove existing floor and excavate to formation level.
2. Install proposed services below floor where required.
3. Engineer to inspect formation level and instruct any specific/additional reinforcement for the ground bearing slabs. If Engineer has no adverse comments, then progress ground bearing slab works as points 4 to 8.
4. Existing sub-grade at formation to be proof rolled to achieve CBR = 2%. Any soft spots and/or deleterious material are to be removed and backfilled and compacted in layers with Type 1 or 6F2 graded fill.
5. Min. 150mm Type 1 or 6F2 sub-base rolled and compacted over prepared sub-grade.
6. 50mm blinding laid over sub-base in accordance with General Notes drawing no. '9100-DRG-99YY-GN002'.
7. DPM laid over blinding to Architects details.
8. Contractor to cut and lay reinforcement mesh in accordance with principles outlined on this drawing and any specific requirements as a result of Engineers inspection in point 3. Contractor to consider ground bearing slab profiles and constraints of working within existing buildings when developing their method for fixing slab reinforcement.

N.B. In no instance should excavations be undertaken which will undermine existing footings. If it is found that excavations for the proposed works will undermine the existing footings, then excavation works should stop immediately and the Engineer informed.

**NOTE**  
ENGINEER TO INSPECT FORMATION LEVEL (AS OUTLINED IN CONSTRUCTION SEQUENCE NOTE POINT 3) TO ADVISE ON ANY REQUIREMENT FOR BOTTOM MESH AND/OR ADDITIONAL REINFORCEMENT TO THE GROUND BEARING SLABS.

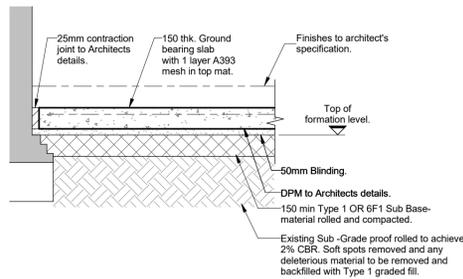
**NOTE**  
ENGINEER TO INSPECT FORMATION LEVEL (AS OUTLINED IN CONSTRUCTION SEQUENCE NOTE POINT 3) TO ADVISE ON ANY REQUIREMENT FOR BOTTOM MESH AND/OR ADDITIONAL REINFORCEMENT TO THE GROUND BEARING SLABS.

- General Notes**
1. Drawings shall be referred to for structural work only unless otherwise stated and read in conjunction with Architects, Service Engineer's and Sub-Contractor's drawings.
  2. The Contractor shall check all levels and dimensions, any errors or omissions are to be reported at once to the Engineer.
  3. For General Notes refer to no. 9100-DRG-99YY-GN002.

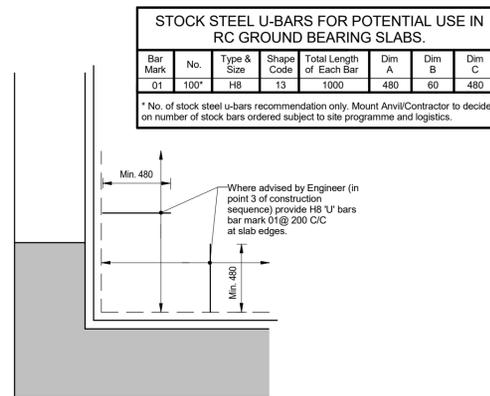
**NOTE**  
UNLESS NOTED OTHERWISE CONCRETE COVER TO ALL REINFORCEMENT IS TO BE:  
TOP = 25mm  
SIDES = 35mm  
BOTTOM = 35mm.

**NOTE**  
REFER TO DRAWING NO'S:  
+9100-DRG-03KH-LG001  
+9100-DRG-03BH-LG001  
+9100-DRG-03SK-LG001  
+9100-DRG-03DB-BO001  
+9100-DRG-03MW-LG001  
+9100-DRG-03MW-LG002  
FOR LOCATION OF GROUND BEARING SLABS.

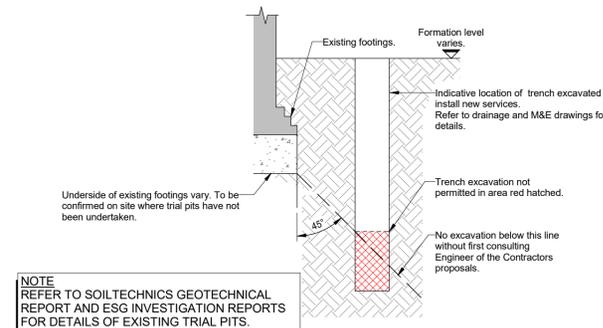
**NOTE**  
FOR LOCATIONS & SETTING OUT OF SERVICE PENETRATIONS REFER TO M&E & ARCHITECT DRAWINGS.



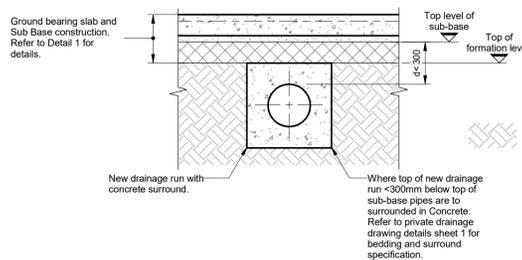
**Detail 1: Generic Ground Bearing Slab Detail**  
scale 1 : 25



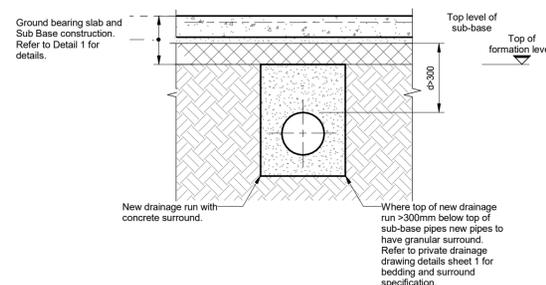
**Detail 2: Generic Slab Edge Detail**  
scale 1 : 25



**Detail 3: Proximity of New Services Excavations Adjacent to Existing Footings**  
scale 1 : 25



**Detail 4: Generic Detail of New Below Ground Drainage Protection**  
scale 1 : 25



**Detail 5: Generic Detail of New Below Ground Drainage Protection**  
scale 1 : 25

14.07.16 First Issue DA TP  
REV DATE DESCRIPTION BY CHKD

**FOR TENDER**



TITLE:  
**Site Wide Generic Ground Bearing Slab Reinforcement Principles**

PROJECT:  
Project No:11581  
Kidderpore Avenue

SCALE: A1@ As Shown DATE: July 16 DRAWN: DA CHKD: TP

DRG NO. 9100-DRG-00YY-DE007

**Tully De'Ath** consultants  
Engineering at its Best

T: 01342 828 000  
E: info@tullydeath.com  
W: www.tullydeath.com