

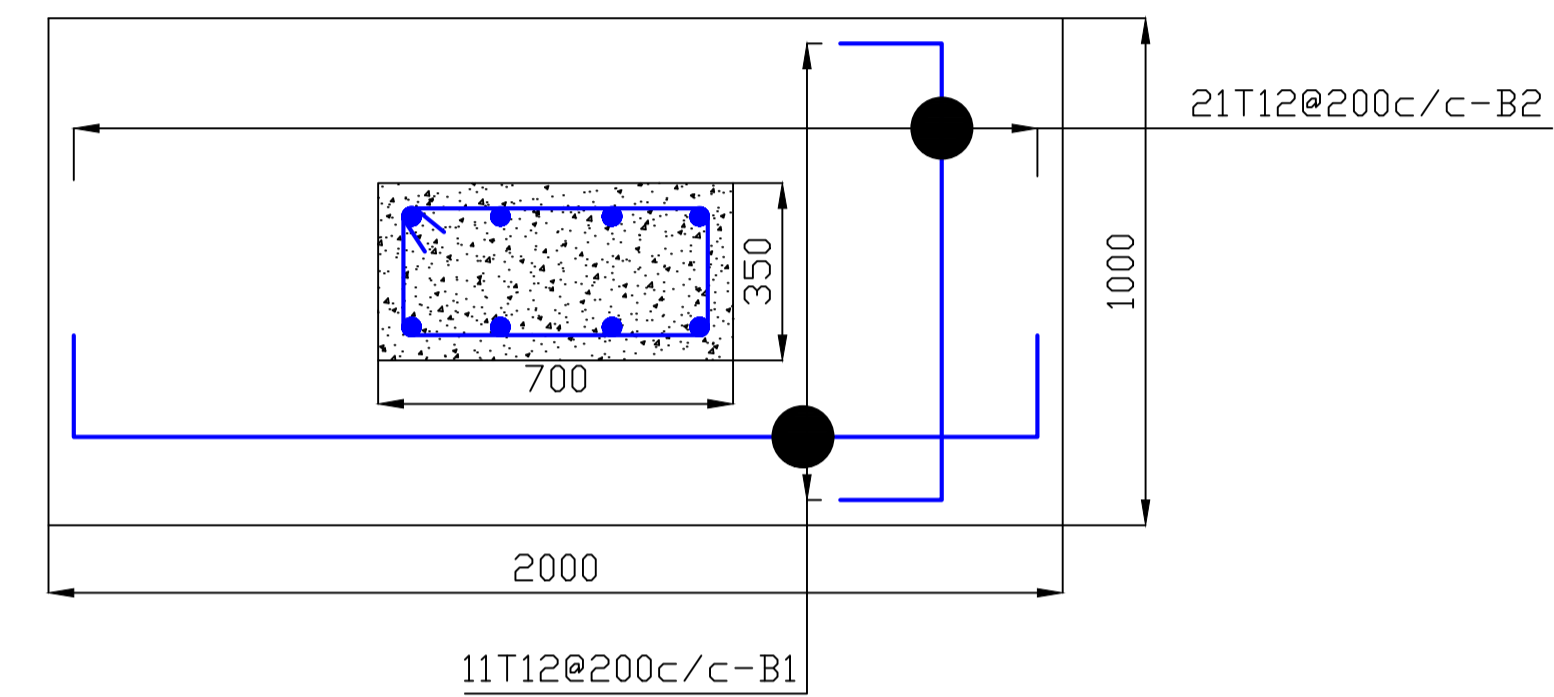
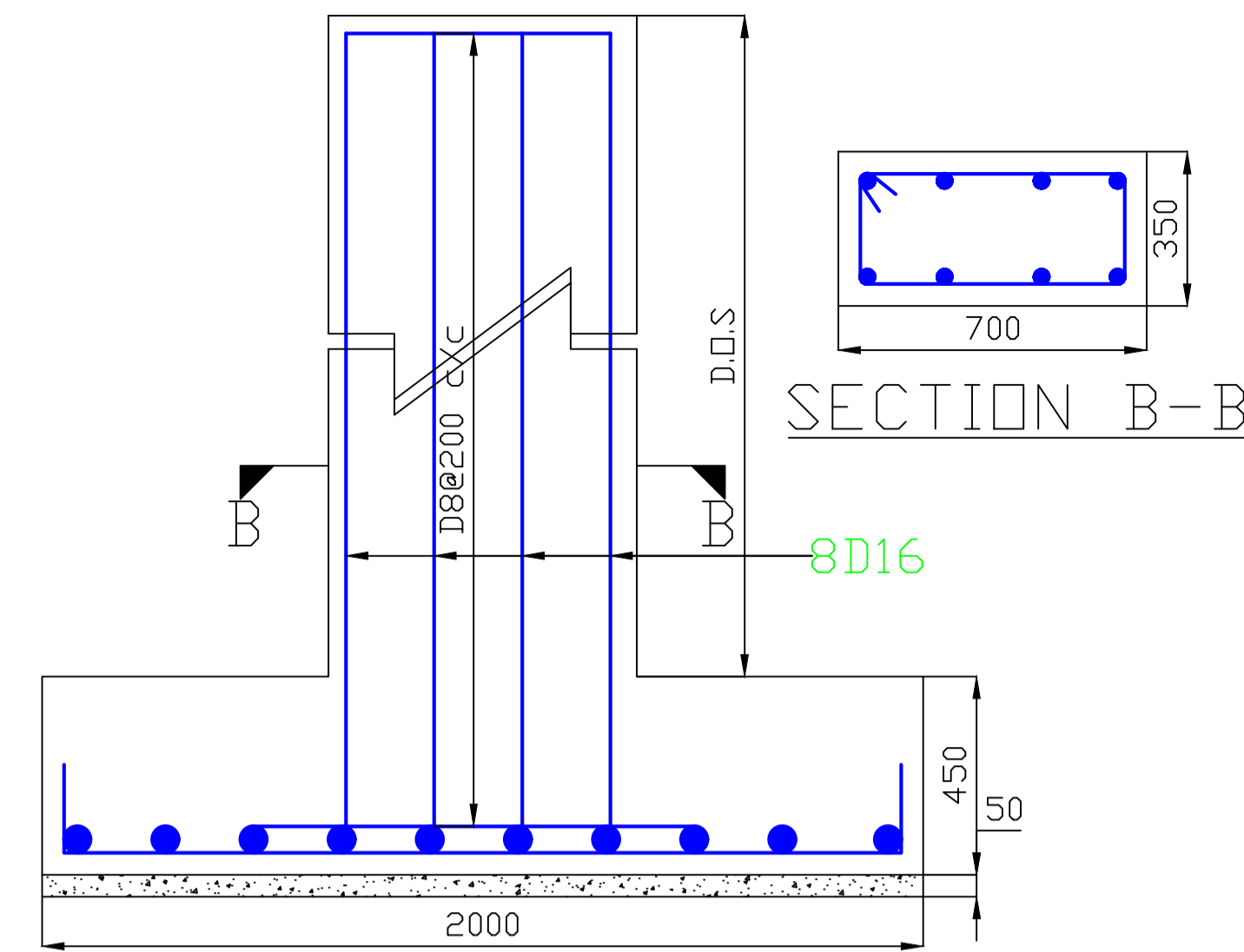
**ROOF TRUSS DETAILS NOTES**

Roof pitch is 32 degrees curved

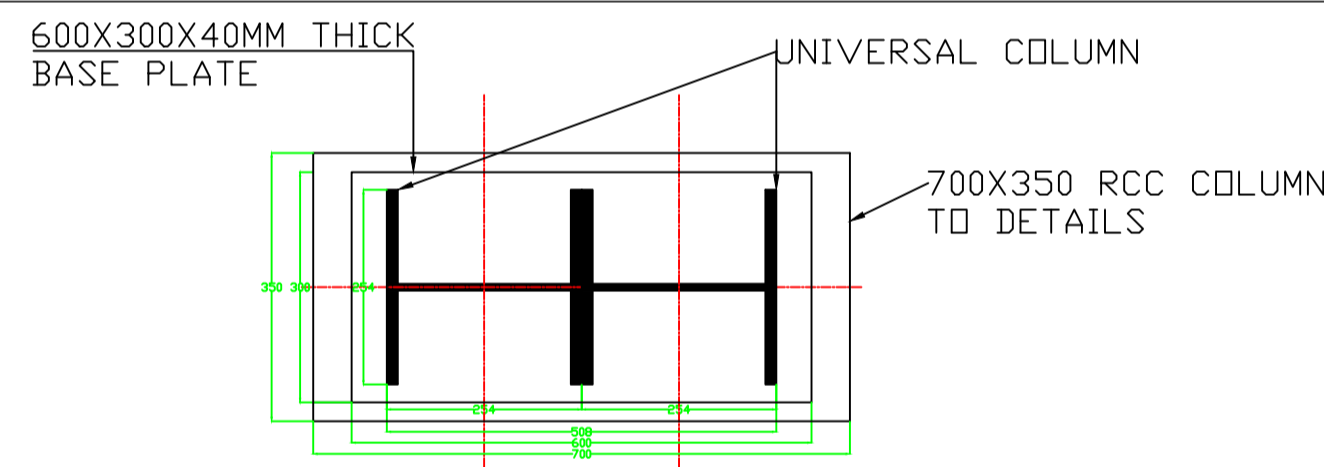
1. Double 10mm thick 150x250mm MS bolted together with 12mm dia. bolts in 14mm dia. holes and each plate welded to extreme ends of top & bottom chord Columns.
2. 100x3mm circular hollow section (CHS) top chord rafters
3. 75x50x3mm thick square hollow section (SHS) purlins at 900mm c/c fillet welded on no. 2 above
4. As No. 22 below
5. 203X133X30 UB
6. 178x103x19 UB for tie beam
7. 8mm fillet weld all round
8. 12mm dia. grade 4.6 bolts with nuts & washers in 14mm holes @ 75mm c/c
9. As no. 1 but 150x310mm

**FOUNDATION DETAILS**

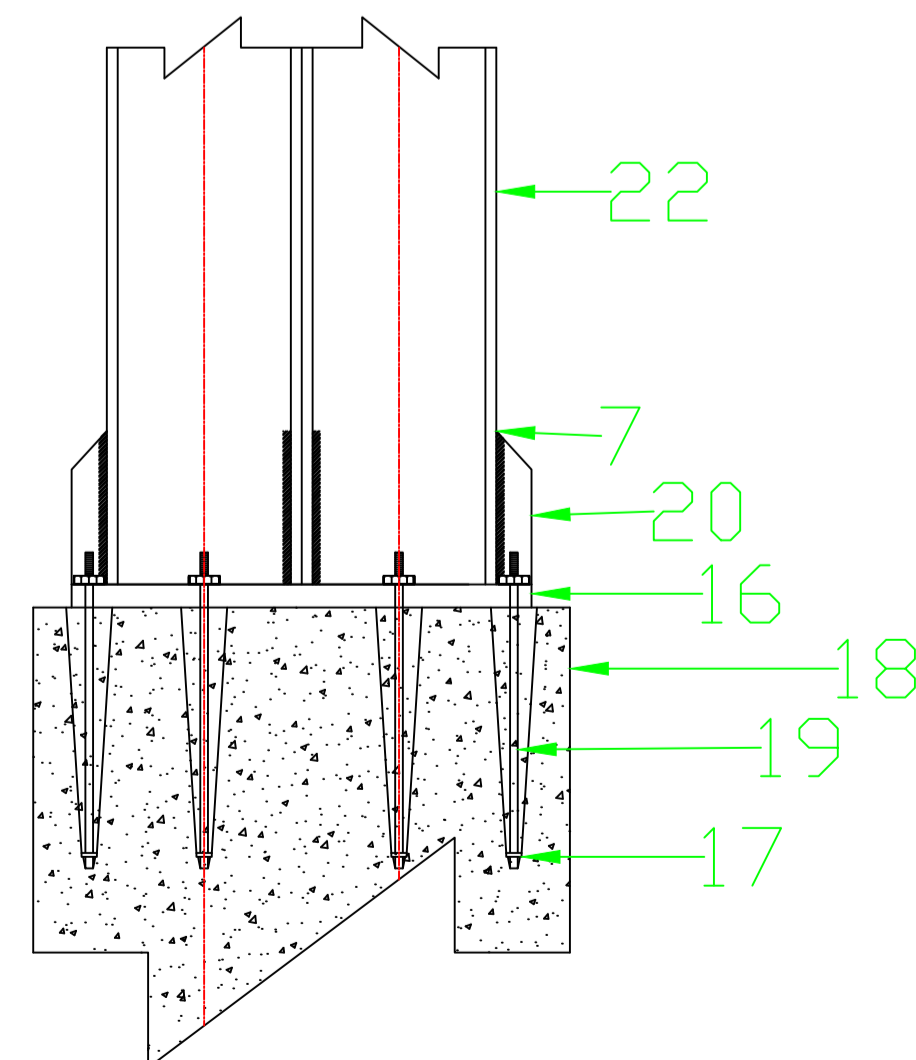
15. Steel wedges for plumbing stanchion
16. 600x300x40mm thick plates
17. 75x75x12mm plates
18. 1:2:4 concrete base class 30/20
19. 20mm dia. holding down bolts in 22mm dia. holes
20. 4No. 15mm thick web anchor plate fillet welded onto column stanchion and base plate
21. 40mm thick mortar (1:20 bed)
22. 254x254x79 UC



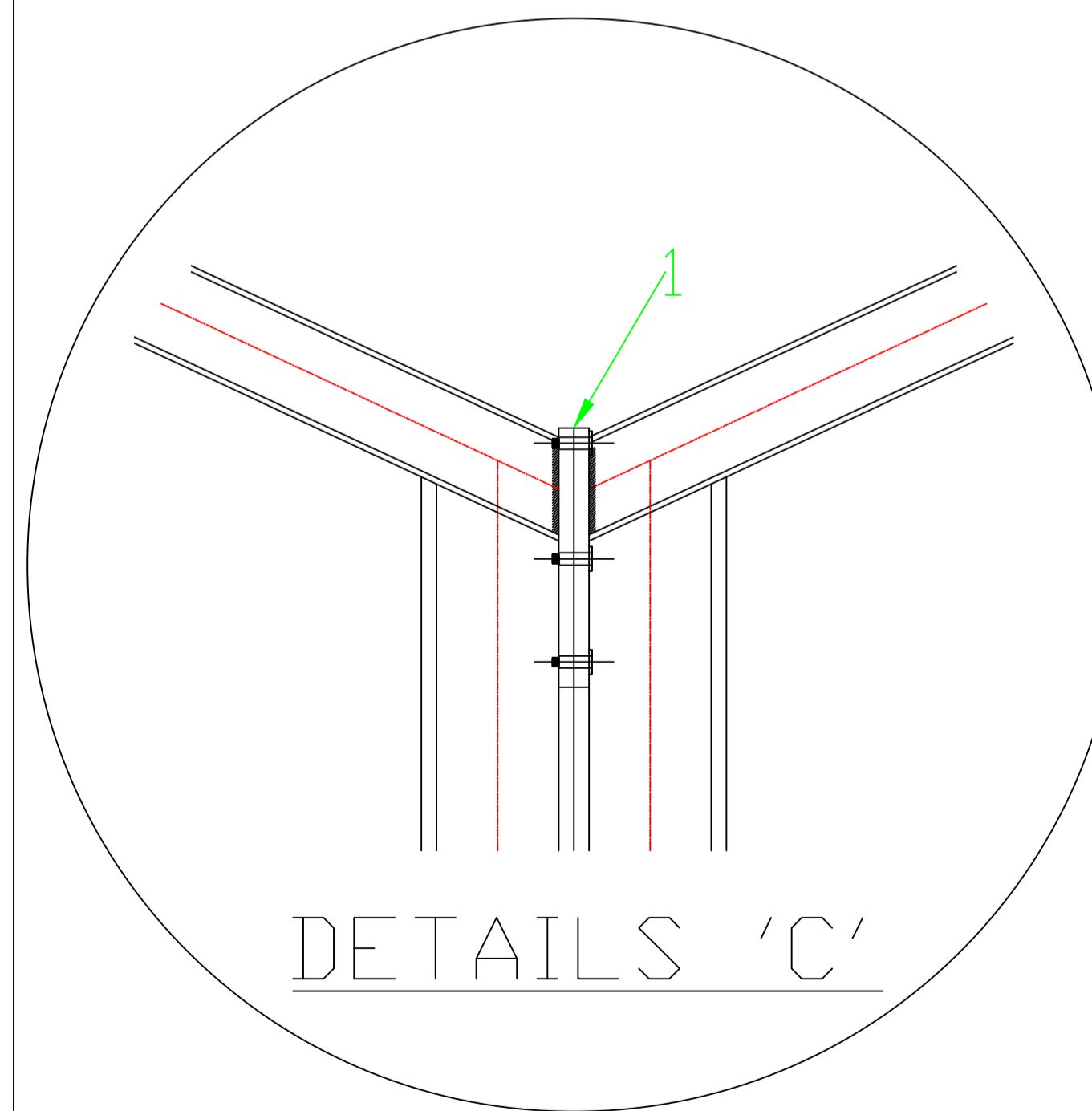
**COLUMN & COLUMN BASES REINFORCEMENT DETAILS**



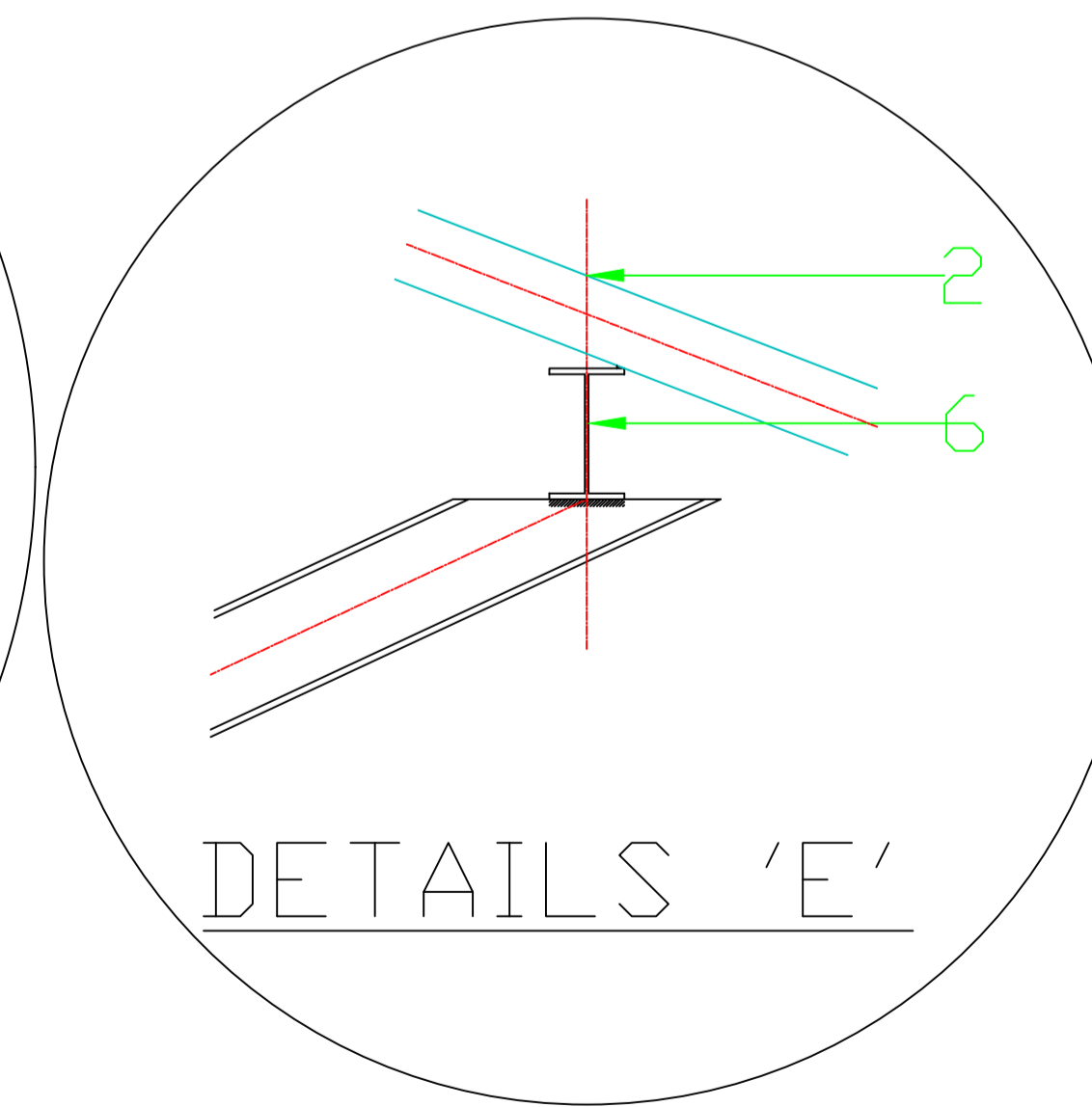
**SECTION A-A**



**DETAILS 'B'**



**DETAILS 'C'**



**DETAILS 'E'**

**NOTES**

1. This drawing is copyright ©
2. All the dimensions are in millimeter
3. All levels and dimensions to be checked on site before any building work commences
4. Any discrepancies to be reported to the office of the consultant
5. All work to be strictly in accordance with the standard specifications and notes
6. This drawing is to be read in conjunction with specifications and all other relevant drawings
7. Structural concrete to be grade 25/20. Suitable cement to sand to aggregate ratio of 1:1.5:3 by volume.
8. Depth of foundations to be decided on site
9. S.E to inspect the excavated trench and reinforcement before concrete is cast
10. Reinforcement covers to be as follows;
  - A. Beams - 25mm
  - B. Column - 40mm
  - C. Slab - 20mm
  - D. Bases - 50mm
11. All reinforced concrete work to Structural Engineer

rev. date description

Project title:  
**PROPOSED BUS PARK AT MOWLEM**

Plot No:

Client: CITY OF KISUMU  
P.O Box 105 - 40100  
KISUMU

Engineer : CITY ENGINEER

Area:

Drawing title **SCHEME DRAWING**

drawn checked:  
Ajuul K

date  
MAY 2020

SCALE: 1:50 drawing no.  
01