



NOTES:

- Design is to BS 8110
- Concrete grades are to be as follows with figures in bracket denoting maximum size aggregate:
 - Foundation 30(25)
 - Columns 30(20)
 - Beams & Slabs 30(20)
- Unless otherwise indicated, reinforcement shall be high yield steel (type 2), denoted by 'Y' having characteristic strength not less than 410N/mm²
- Cover to reinforcement shall be the following:
 - Foundation: 50mm(bottom) 75mm(sides)
 - Columns: 25mm
 - Beams: 25mm
 - Slabs: 20mm
- Drawings must be read in conjunction with the relevant architectural drawings and in case of any discrepancy refer to the design engineer for clarification.
- Dimensions are in millimetres (mm) and must not be scaled at any time.
- Foundation was designed for an assumed allowable soil bearing pressure of 150kN/m²
- This design engineer will not take responsibility for any job not supervised by him.

Project:
PROPOSED RESIDENTIAL DEVELOPMENT,
AT
NGARANNAM,MAFA LGA, BORNO STATE.

Client:
UNITED NATIONS DEVELOPMENT PROGRAMME, UNDP.

Drawing Title:

COLUMN & BASE DETAILS

Scale	1:50
Date	MARCH, 2021
Project Name.	SCHOOL FENCE
Drawing No.	SWD/04

COLUMN TYPES AND DETAILS FOR THE FENCING