



- GENERAL NOTES**
- All excavation to be approved by Engineer before concreting.
 - Concrete to be class 25 / 20 with minimum crushing strength of 17.5 N/mm² and 25 N/mm² at 7 days and 28 days respectively.
 - Minimum cover to reinforcement to be 40mm in substructure and 20mm in other members.
 - All dimensions to be verified and discrepancy reported to the Engineer.
 - Blinding concrete to be class 15 / 20 with minimum crushing strength of 15N/mm² at 28 days.
 - All reinforcement works to be approved by the Engineer before concreting.
 - All dimensions are in millimeters, unless otherwise stated.
 - This drawing must not be scaled, only figured dimensions should be used.
 - This drawing must be read in conjunction with relevant Architectural drawings.
 - Reinforced concrete to be grade 25/20 to BS 8110
 - Cover to main reinforcement to be as follows:
 (a) Foundation = 50mm
 (b) Columns = 40mm
 (c) Beams = 30mm
 (d) Slabs = 20mm
 - "Y" Denotes square twisted high yield bars to BS 4461. "R" Denotes round mild steel bars to BS 4449.
 - Reinforcement in walls and columns must be inspected by the Engineer before being enclosed in the formwork.
 - All masonry walls must be reinforced with 25mm hoop iron after every two alternate courses. The hoop iron must be extended through the column sections.
 - To ensure enhanced bonding between the masonry and the R.C. columns, the masonry walling must be raised first before the columns are casted.
 - All mortar to be used to be cement sand mix 1:3, with all the stone walling being laid in 200mm courses with 12mm mortar joints.
 - A minimum of 7.0N/mm² average compressive strength of masonry in accordance with BS5390 should be used for all wall sections.
 - Mass concrete to be grade 15

Client:

KENGEN
P.O BOX

Project:

PROPOSED OFFICES & CONTROL ROOM DEVELOPMENT ON PLOT NO.

Consultants:

.....

Drawing title:

R.C FLOOR, FDN PLAN, COLUMNS, BEAMS STAIR & DETAILS

Scale: 1:20 & 1:50, 1:100

Client Sign:	Date:
Design: Simon	Sheet: 1 of 1
Drawn: J.K	Date drawn: ... OCT 20...
Checked by:	Job no: STR/021/16