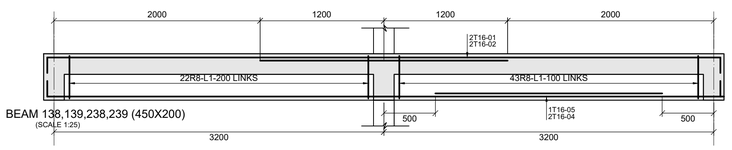
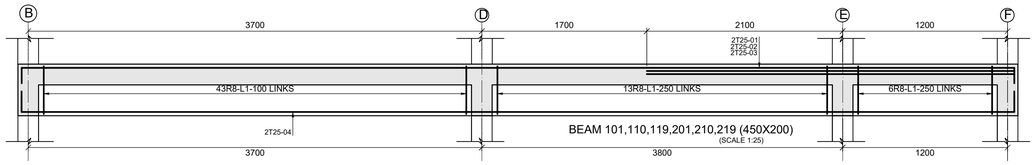
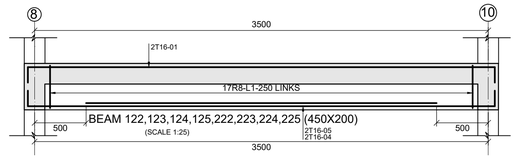


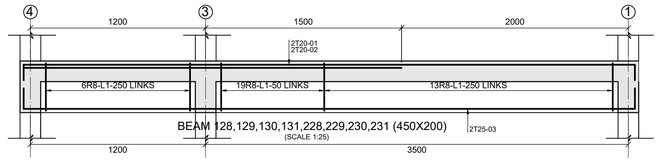
BEAM 138,139,238,239 (450X200)
(SCALE 1:25)



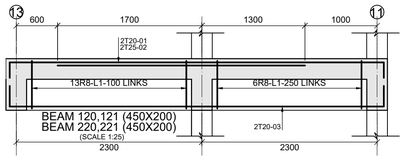
BEAM 101,110,119,201,210,219 (450X200)
(SCALE 1:25)



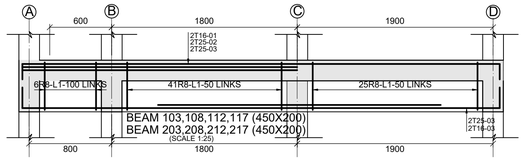
BEAM 122,123,124,125,222,223,224,225 (450X200)
(SCALE 1:25)



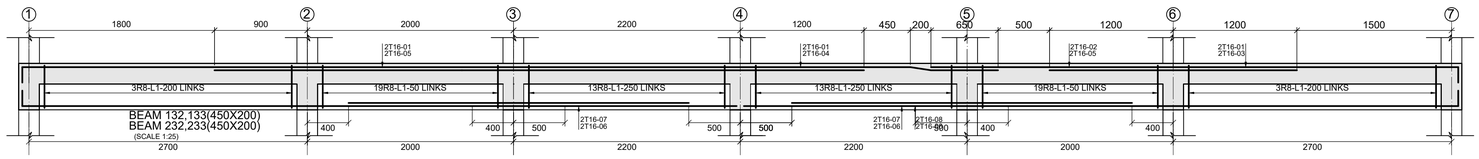
BEAM 128,129,130,131,228,229,230,231 (450X200)
(SCALE 1:25)



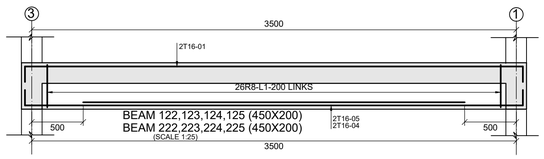
BEAM 120,121 (450X200)
BEAM 220,221 (450X200)
(SCALE 1:25)



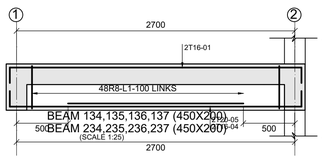
BEAM 103,108,112,117 (450X200)
BEAM 203,208,212,217 (450X200)
(SCALE 1:25)



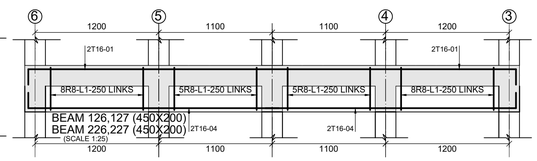
BEAM 132,133(450X200)
BEAM 232,233(450X200)
(SCALE 1:25)



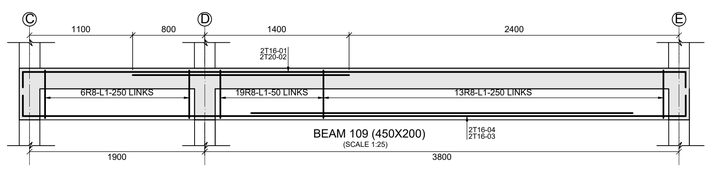
BEAM 122,123,124,125 (450X200)
BEAM 222,223,224,225 (450X200)
(SCALE 1:25)



BEAM 134,135,136,137 (450X200)
BEAM 234,235,236,237 (450X200)
(SCALE 1:25)



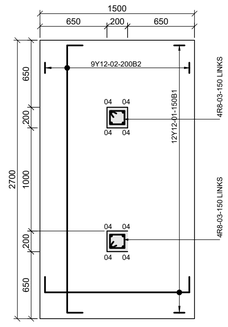
BEAM 126,127 (450X200)
BEAM 226,227 (450X200)
(SCALE 1:25)



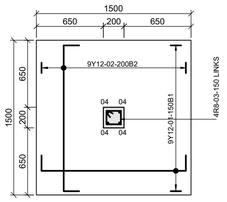
BEAM 109 (450X200)
(SCALE 1:25)

GENERAL CONCRETE NOTES.

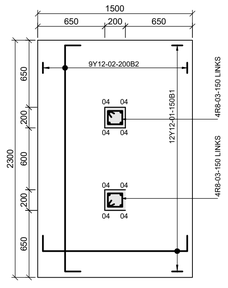
1. FOUNDATIONS SHALL GENERALLY BE TAKEN DOWN 1500mm BELOW EXISTING GROUND LEVEL AND ALL EXCAVATIONS MUST BE CONFIRMED BY THE ENGINEER BEFORE CONCRETE BLINDING IS LAID.
2. BACK FILL MATERIAL TO BE APPROVED MARRAM AND COMPACTED IN 200mm MAX LAYERS 95%MDD.
3. CONCRETE MIXES:
   a) MASS CONCRETE TO HAVE A MINIMUM WORKS CUBE STRENGTH OF 15N/sqmm AT 28 DAYS WITH 25mm MAXIMUM AGGRIGATE SIZE.
   b) REINFORCED CONCRETE TO HAVE A MINIMUM WORKS CUBE STRENGHT OF 25 N/sqmm AT 28 DAYS WTH 20mm MAXIMUM AGGRIGATE SIZE.
4. REINFORCEMENTS.
   a) HIGH YIELD BARS, DESIGNATED ON THESE DRWS. TO BE RIBBED COLD FORMED BARS TO BS 4461.
   b) MILD STEEL TO BE ROUND BARS TO BS 4449.
   c) MESH REINFORCEMENTS TO COMPLY WITH THE REQUIREMENTS OF BS 4483.
5. MINMUM COVER TO ALL STEEL IN:
   FOUNDATIONS, STUB COLUMNS & GROUND BEAMS=40mm
   SLABS =25mm
   BEAMS =25mm
   COLUMNS =30mm
6. ALL DIMENSIONS ARE IN METRIC MILLIMETERS.



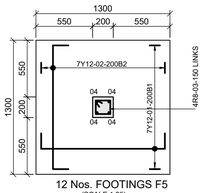
7 Nos. FOOTINGS F1
(SCALE 1:25)



6 Nos. FOOTINGS F2
(SCALE 1:25)



4 Nos. FOOTINGS F5
(SCALE 1:25)



12 Nos. FOOTINGS F5
(SCALE 1:25)

General Notes:

This drawing must be read in conjuction with the Achitect's drawing,Reinforcement Steel and concrete Specifications.
For bar bending schedule see sheet nos.

MEMBER	CONCRETE GRADE	CONCRETE COVER MM	Works Cube Strength N/mm2	
			7 days	28 days
	25N/mm2	25	16.5	25
	25N/mm2	25	16.5	25
	25N/mm2	25	16.5	25
	25N/mm2	25	16.5	25
	25N/mm2	25	16.5	25

CLIENT:	MR. JOHN BAPTIST KAYOBOSI, P.O BOX ..., KAMPALA	ARCHITECT:	ARCH. SINABULYA EMMANUEL P.C. NO 223, KAMPALA	PROJECT:	PROPOSED RESIDENTIAL APARTMENTS ON PLOT 10658, BLOCK 203, NANSANA, WAKISO DISTRICT		
				TITLE:	BEAMS AND FOOTINGS DETAILS	SCALES: AS SHOWN DATE: OCT 2019 DESIGNED BY: MN DRAWN BY: MN	CHCKD/APPR BY: JOB NO. DWG No. 02