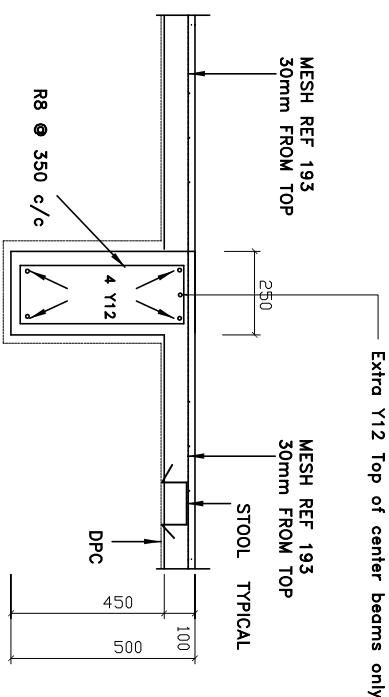
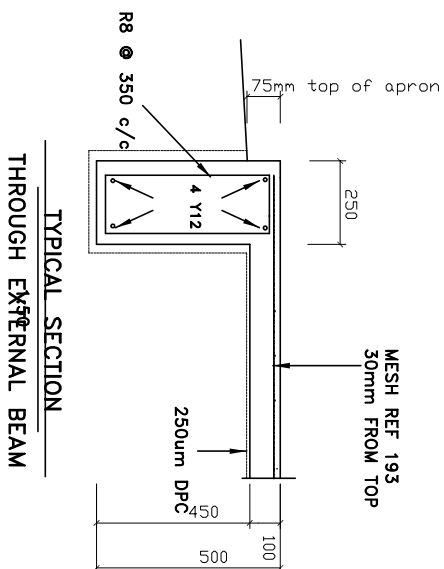
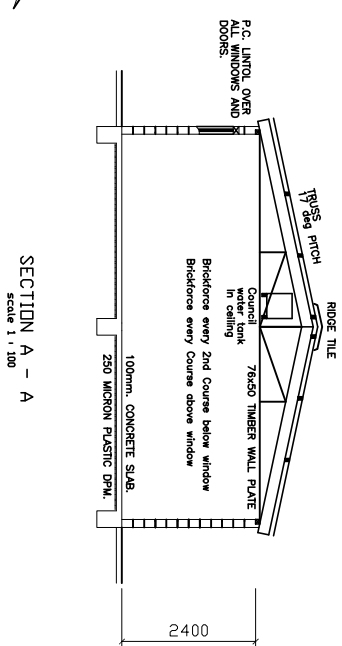
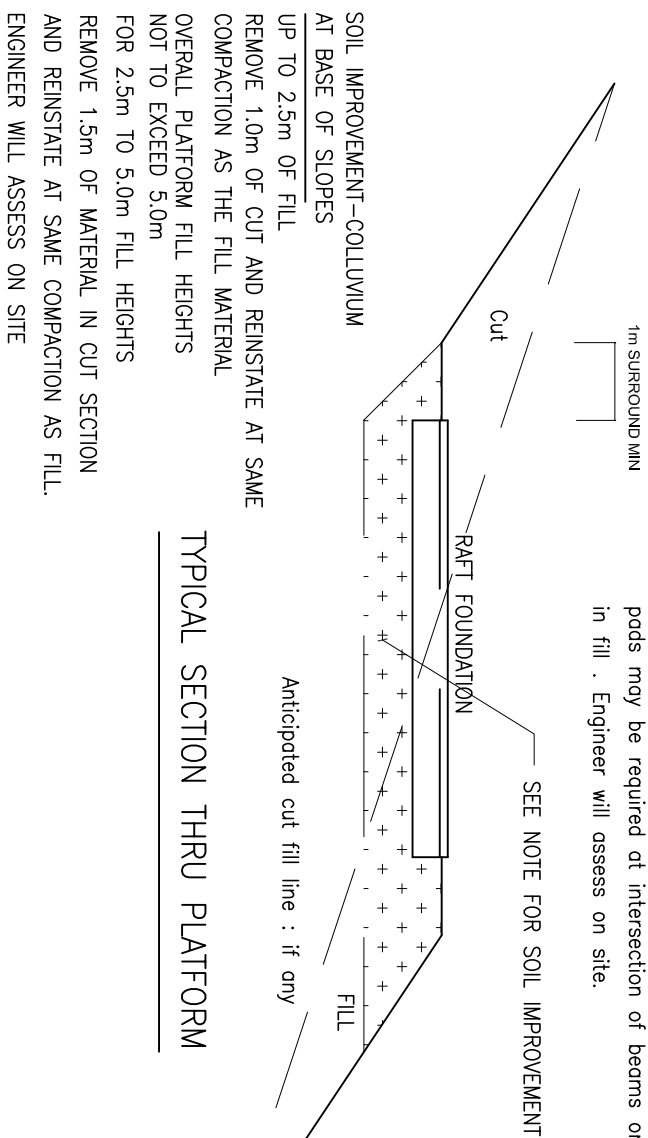
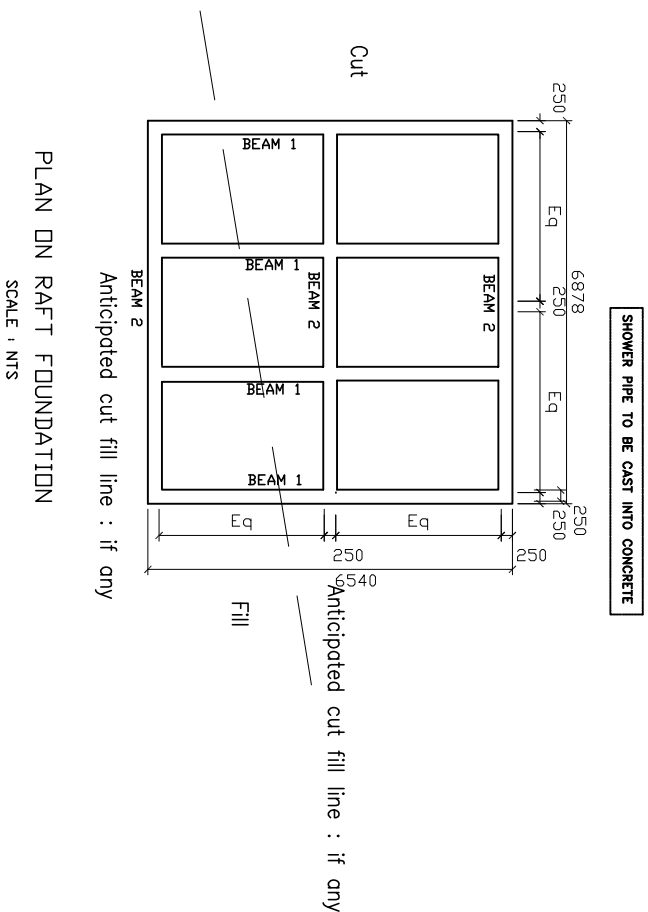
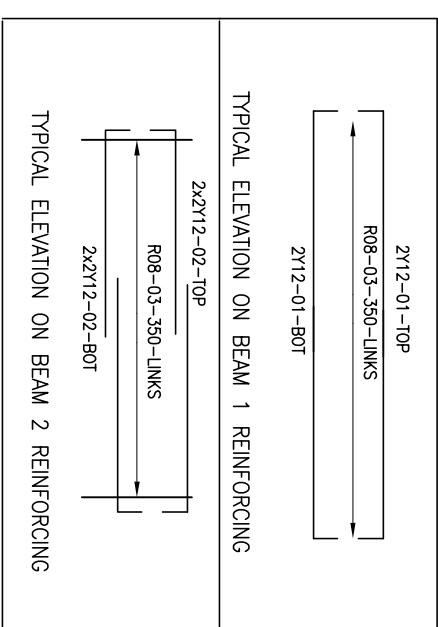
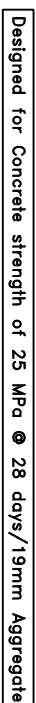




MEMBER	No. Off	REINFORCEMENT						BENDING DIMENSIONS				
		Type & Dic	Mark	No in Each	Total No.	Length mm	Shape A Code	A mm	B mm	C mm	D mm	E/R mm
BEAM 1	4	y12	01	04	16	6750	35	6450				
		R08	03	17	68	1240	60	420	150			
BEAM 2	3	y12	01	08	24	3900	34	3750				
		R08	03	18	54	1240	60	420	150			
		R08	08	8	8	1140	83	500	70	250	STOOLS	

- NOTES:
1. Platform to be stripped of all vegetation and topsoil prior to of placing fill material.
2. Fill material to be compacted in 300 mm layers to 95% Mod AASHTO.
3. All cut and fill banks are not to exceed a maximum slope of 1:1.75 or 34 deg
4. No service trenches to be left open for more than 20 days.
5. All service trenches to be compacted 93% MOD AASHTO.
6. The building platform must be well graded as indicated to prevent any water from ponding around the raft.
7. Provide P.C. lintols over all doors and windows or use ring beams if concrete blocks are used.
8. Concrete works strength at 28 days to be 25 Mpa.
9. Cover to reinforcement: Beams 50mm ; slab 40mm from the platform level.
10. All concrete must be well vibrated during placing using mechanical vibration.
11. All reinforcement must be inspected by the engineer prior to pouring of concrete.
12. If concrete blocks are used brickforce to be placed every 2nd course external walls and every second course internal walls.
13. Maxi block and concrete blocks external/ internal wall butt joint to SABS recommendations.
14. Provide benches to fills of platforms when n.g.l. slope exceeds 1:6.
15. Reinforcement in external beams to be moved to maintain minimum cover requirements and accommodate the required recess of the threshold of each external door and the 50mm weather step at stoep where applicable.
16. 600 x 600 10MPa mass concrete pods to be the intersection of the raft beams as instructed by the Engineer.



NTUZUMA H -BLOCK 2

UNIT FOR DISABLED PERSONS

HOUSE TYPE 6.878m x 6.540m

TYPE H1-H2 SOILS

FOUNDATION DESIGNED FOR CATEGORY 1
EXPECTED DAMAGED AS SET OUT IN N.H.B.R.C.
STANDARDS AND GUIDELINES.

V. Govender

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