



COLUMNS REINFORCEMENT DETAILS							
TYPE	FOUND			GROUND FLOOR			STIRRUPS
	SIZE	300	REINT.	SIZE	300	REINT.	
C1	200	300	8Y16	200	200	4Y16	Y8/200
C2	200	300	8Y16	200	300	8Y16	Y8/200

FOOTING REINFORCEMENT DETAILS							
MARK	DIMENSION			REINFORCEMENT		BOXED	REMARKS
	L	W	H	WIDTH	LENGTH		
F1	1800	1800	300	ØY16/m	ØY16/m		
F2	2500	2500	400	ØY16/m	ØY16/m		

GRADE BEAM REINFORCEMENT DETAILS							
MARK	SIZE		BOTTOM BARS	TOP BARS	STIRRUPS	SIDE BARS	REMARKS
	b	h					
GB1	300	300	3Y16	3Y16	Y8/200		

BEAM REINFORCEMENT DETAILS							
MARK	SIZE		BOTTOM BARS	TOP BARS	STIRRUPS	SIDE BARS	REMARKS
	b	h					
B1	200	500	3Y16 + 2Y16	2Y16	Y8/150		
B2	200	400	3Y16	3Y16	Y8/150		
B3	200	400	ØY16	3Y16	Y8/150		

SLABS REINFORCEMENT DETAILS				
MARK	THICK	REINFORCEMENT		REMARKS
		WIDTH	LENGTH	
S1	150	Y10/150	Y10/150	
S2	150	Y10/150	Y10/150	

	CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY	CONSULTANCY SERVICES FOR DESIGN OF WATER SUPPLY FACILITIES IN Ha.HORAFUSHI, Hdh.HANIMAADHOO,Sh.MILANDHOO,R.UNGOOFAARU,Lh.NAIFARU,Dh,KUDAHUVADHOO ,Th.GURAI DHOO AND Ga.VILLINGILI , MALDIVES	DESIGN	DRAWN	CHECKED	APPROVED	SL.NO	DRWING NO	DESCRIPTION
			ENGINEER		DESIGN CHIEF				
	GREENTECH CONSULTANTS (Pvt.) Ltd IN ASSOCIATION WITH DEVELOPMENT COLLABORATION PARTNERSHIP (Pvt.) Ltd MALDIVES AND OPTIMUM SOLOUTIONS (Pvt) Ltd, MALDIVES	REVERSE OSMOSIS UNIT STRUCTURAL PLANS MILANDHOO	DATE	DRG.NO: MILANDHOO/RO/08 SCALE: 1 : 500					