



COLUMNS REINFORCEMENT DETAILS							
TYPE	FOUND		GROUND FLOOR		STIRRUPS		
	SIZE	REINT.	SIZE	REINT.			
C1	200	300	ØY16	200	200	4Y16	Y8/200
C2	200	300	ØY16	200	300	ØY16	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	TOP	STIRRUPS	SIDE BARS	REMARKS
	b	h	BARS	BARS			
GB1	300	300	3Y16	3Y16	Y8/200		

BEAM REINFORCEMENT DETAILS							
MARK	SIZE		BOTTOM	TOP	STIRRUPS	SIDE BARS	REMARKS
	b	h	BARS	BARS			
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.GURAIIDHOO 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
HOARAFUSHI

DATE	DRG.NO:	HOARAFUSHI/RO/08
	SCALE:	NOT TO SCALE