



FOOTING DETAIL
SCALE 1:25

COLUMNS REINFORCEMENT DETAILS							
TYPE	FOUND			GROUND FLOOR			STIRRUPS
	SIZE	REINT.	SIZE	REINT.	SIZE	REINT.	
C1	200	300	6Y16	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	5Y16/m	5Y16/m		
F2	2500	2500	400	8Y16/m	8Y16/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	5Y16	3Y16	Y8/150		

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

- ALL DIMENSIONS ARE IN MILLIMETERS (MM).
- ALL LEVELS SHOWN ARE IN METERS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, GENERAL NOTES AND SPECIFICATIONS.
- CONTRACTOR SHALL CONDUCT INDEPENDENT GEOTECHNICAL INVESTIGATION TO CONFORM THE BEARING CAPACITY OF SOIL 65 KN / M² AT 1M DEPTH AS DESIGNED IS APPROPRIATE SHOULD THERE BE A VARIANCE CONTRACTOR SHALL REVISE THE DESIGN TO CONSTRUCT THE WORK
- THE CONCRETE COVER TO ALL REINFORCEMENT SHALL BE AS FOLLOW :-
 COLUMN / BEAM = 40 mm
 SLAB = 30 mm
 FOUNDATION = 50 mm
- WATER CEMENT RATIO SHALL BE 0.50
- FOR ALL GENERAL NOTES REFER BY DWG UT-GN-01

LEGEND:-

- NGL - NATURAL GROUND LEVEL
- FFL - FINISHED FLOOR LEVEL
- PCC - PLAIN CEMENT CONCRETE

ABBREVIATIONS:-



REFERENCE DRAWINGS

SL.No	DRAWING No.	DESCRIPTION

REV.	DATE	DESCRIPTION	DRAWN	CHKD	APPRE
0	08.02.'10	ISSUED FOR TENDER	JP	AT	MA

REVISION

CLIENT
MINISTRY OF ENVIRONMENT & ENERGY
REPUBLIC OF MALDIVES

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PROJECT:
 Provision of Water Supply Facilities in 04 islands and Sewerage Facilities in 05 islands - R.Hulhudhuffaar Island - Republic of Maldives

DRAWING TITLE:
REVERSE OSMOSIS UNIT STRUCTURAL DETAIL & SCHEDULES

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
SK	JP	SS	MA	1:50	15.09.'15
PROJECT No. SHEET No.		DRAWING No.			
K-619 1 OF 1		RH-WS-120			
REV. No.	0				