

ROOF SLAB LAYOUT
SCALE 1 : 100

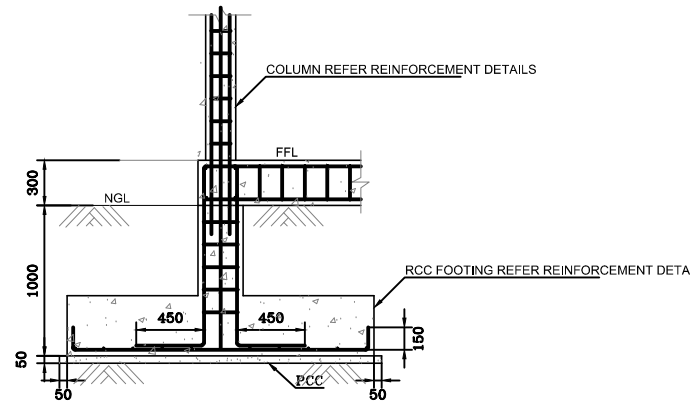
COLUMNS REINFORCEMENT DETAILS							
TYPE	FOUND			GROUND FLOOR			STIRRUPS
	SIZE	REINT.		SIZE	REINT.		
C1	300	300	12T16	200	300	10T16	T8/125 c/c
C2	200	300	8T20	200	200	6T16	T8/125 c/c

FOOTING REINFORCEMENT DETAILS						
MARK	DIMENSION			REINFORCEMENT	BOXED	REMARKS
	L	W	H			
F1	1800	1800	400	T12@100 c/c B/W, T&B		

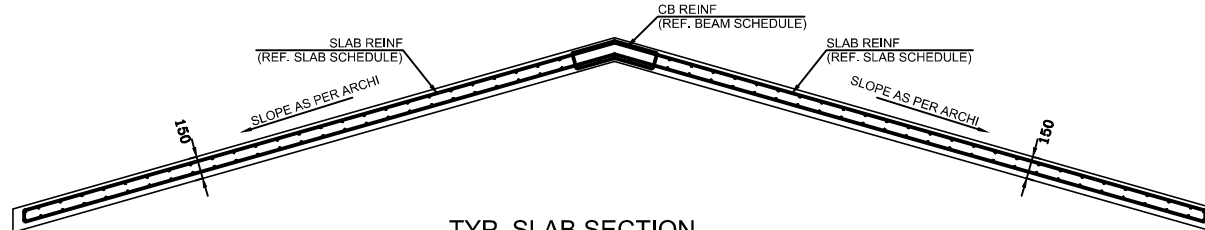
GRADE BEAM REINFORCEMENT DETAILS							
MARK	SIZE		BOTTOM BARS	TOP BARS	STIRRUPS	SIDE BARS	REMARKS
	b	h					
GB1	300	300	4T16	3T16	T6/125 c/c		

BEAM REINFORCEMENT DETAILS							
MARK	SIZE		BOTTOM BARS	TOP BARS	STIRRUPS	SIDE BARS	REMARKS
	b	h					
B1	200	500	5T16	3T16	T6/125 c/c		
B2	200	500	4T16	3T16	T6/125 c/c		
B3	200	500	5T16	3T16	T6/100 c/c		
CB	300	150	6T16	6T16	T6/100 c/c		CONCEALED

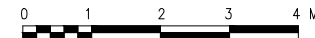
SLABS REINFORCEMENT DETAILS				
MARK	THICK	REINFORCEMENT		REMARKS
		WIDTH	LENGTH	
S1	150	T10/150,T&B	T10/150,T&B	



FOOTING DETAIL
SCALE 1 : 25



TYP. SLAB SECTION
SCALE 1 : 25



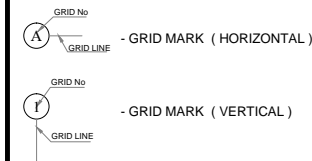
NOTES:-

- ALL DIMENSIONS SHOWN ARE IN MILLIMETERS (MM), UNLESS OTHERWISE SHOWN
- ALL LEVELS SHOWN ARE IN METERS.
ALL LEVELS SHOWN ARE FROM MEAN SEA LEVEL
- 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 150 KN / M²
- 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
- GRADE OF CONCRETE IS M30 AND GRADE OF STEEL IS Fy 460

LEGEND:-

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

ABBREVIATIONS:-



REFERENCE DRAWINGS

SL.No	DRAWING No.	DESCRIPTION

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0	15.09.15	DETAILED DESIGN SUBMISSION	JP	SS	MA
REV.	DATE	DESCRIPTION	DRAWN	CHKD	APPRD.

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 - B.Thulaadhoo Island - Republic of Maldives
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DRAWING TITLE:	RO PLANT ADMIN BUILDING STRUCTURAL DRAWINGS
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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	BT-WS-121			
REV. No.	0				