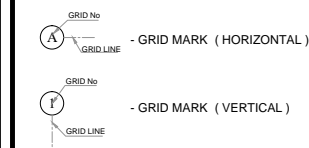


1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ALL LEVELS SHOWN ARE FROM MEAN SEA LEVEL
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
4. CONTRACTOR SHALL CONDUCT INDEPENDENT GEOTECHNICAL INVESTIGATION TO CONFORM THE BEARING CAPACITY OF SOIL 65 KN / M<sup>2</sup> AT 1M DEPTH AS DESIGNED IS APPROPRIATE SHOULD THERE BE A VARIANCE CONTRACTOR SHALL REVISE THE DESIGN TO CONSTRUCT THE WORK
5. YIELD STRENGTH OF STEEL REINFORCEMENT SHALL BE 460 N / MM<sup>2</sup>
6. THE CONCRETE COVER TO ALL REINFORCEMENT SHALL BE AS FOLLOW :-  
COLUMN / BEAM = 40 mm  
SLAB = 30 mm  
FOUNDATION = 50 mm
7. WATER CEMENT RATIO SHALL BE 0.50
8. FOR ALL GENERAL NOTES REFER BY DWG UT-GN-01

#### LEGEND:-

1. NGL - NATURAL GROUND LEVEL
2. FFL - FINISHED FLOOR LEVEL
3. PCC - PLAIN CEMENT CONCRETE

#### ABBREVIATIONS:-



#### REFERENCE DRAWINGS

SL No.	DRAWING No.	DESCRIPTION

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

#### REVISION

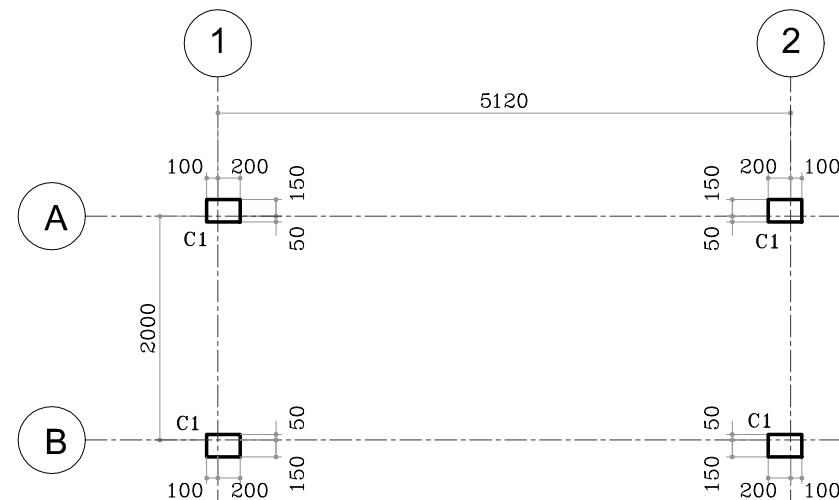
CLIENT  
 **MINISTRY OF ENVIRONMENT & ENERGY**  
REPUBLIC OF MALDIVES

CONSULTANT:  
 **مكتب الحبشي للاستشارات الهندسية**  
**Al-Habshi Consultants Office**  
Tel.: 2430103 / 2433131 - Fax : 2431136  
P.O.Box 27154 Safat 13132 - Kuwait

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

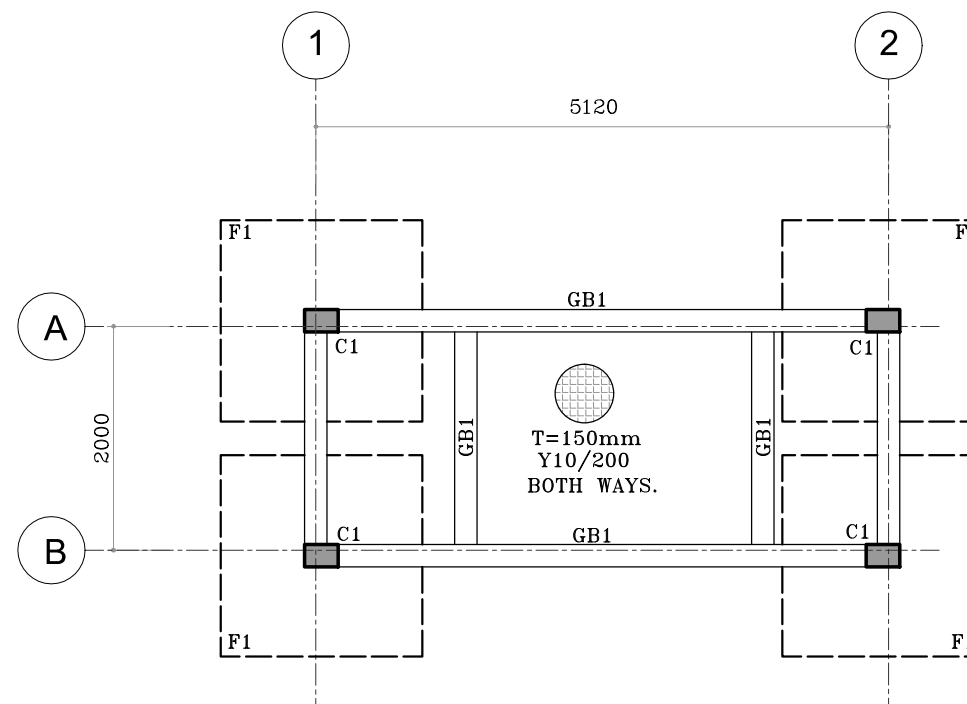
DRAWING TITLE:  
**SEWERAGE TREATMENT PLANT CONTROL ROOM  
STRUCTURAL DETAILS -GDH.GADHDHOO ISLAND**

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
AH	JP	SS	MA	1:25	15.09.'15
PROJECT No.	SHEET No.	DRAWING No.			
K-619	1 OF 1	GG-SW-130			
REV. No.	0				



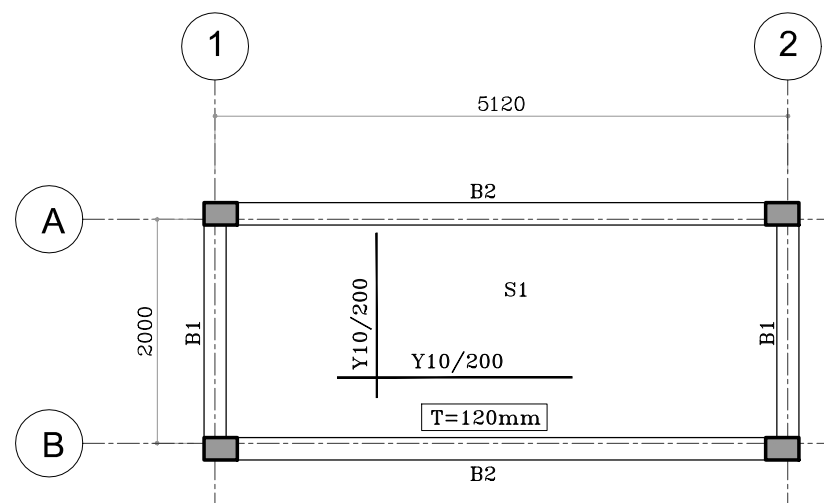
### COLUMN & AXIS LAYOUT

SCALE 1 : 25



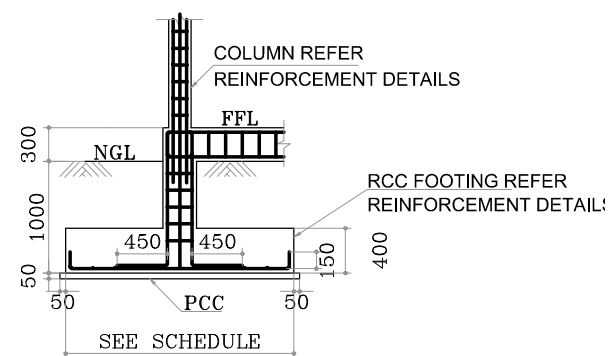
### FOOTING & GRADE BEAM LAYOUT

SCALE 1 : 25



### ROOF SLAB LAYOUT

SCALE 1 : 25



### FOOTING DETAIL

SCALE 1 : 25

COLUMNS REINFORCEMENT DETAILS							
TYPE	FOUND			GROUND FLOOR			STIRRUPS
	SIZE	REINT.	SIZE	REINT.	SIZE	REINT.	
C1	200	300	6Y16	200	300	6Y16	Y8/200

FOOTING REINFORCEMENT DETAILS							
MARK	DIMENTION			REINFORCEMENT		BOXED	REMARK
	L	W	H	WIDTH	LENGTH		
F1	1800	1800	400	5Y16/m	5Y16/m		

GRADE BEAM REINFORCEMENT DETAILS							
MARK	SIZE		BOTTOM BARS	TOP BARS	STIRRUPS	SIDE BARS	REMARKS
	b	h					
GB1	200	300	5Y16	3Y16	Y8/200		

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

SLABS REINFORCEMENT DETAILS				
MARK	THICK	REINFORCEMENT		REMARKS
		WIDTH	LENGTH	
S1	120	Y10/200	Y10/200	