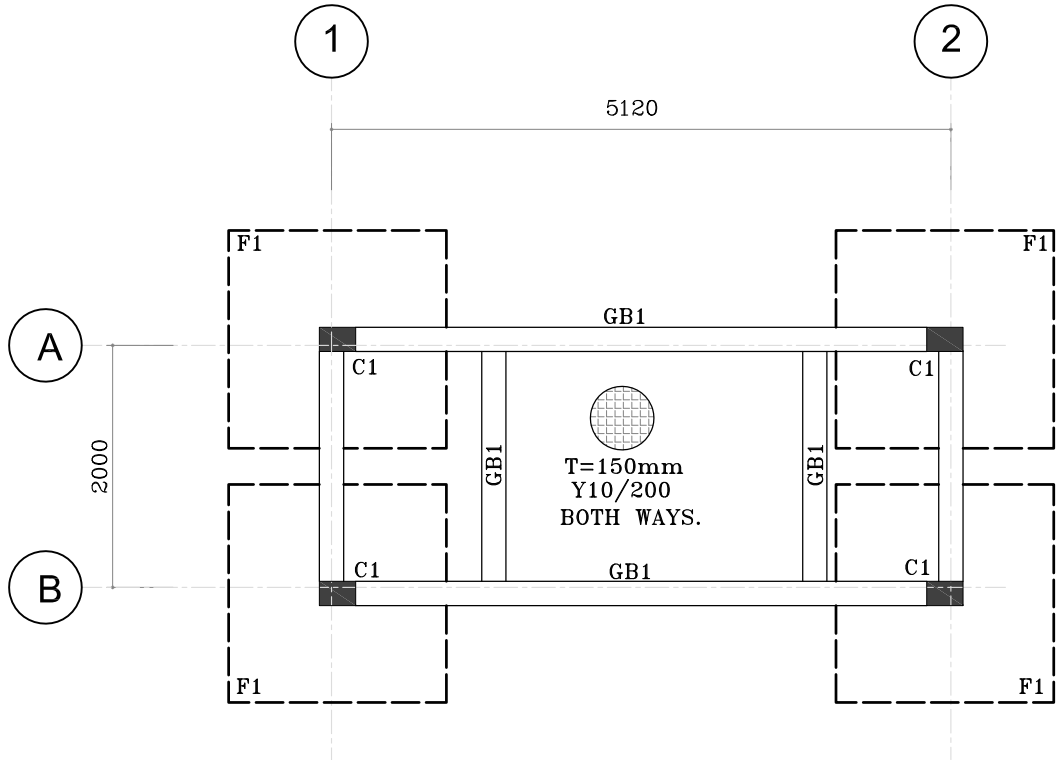
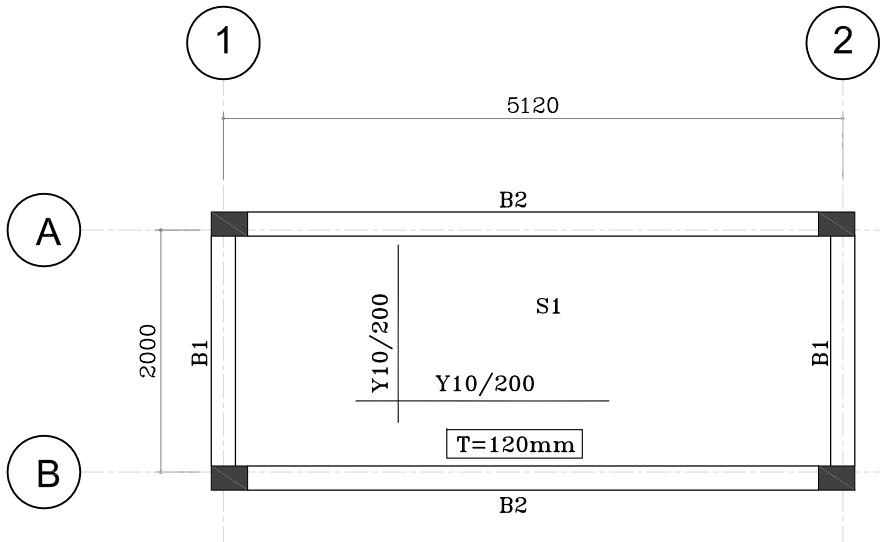


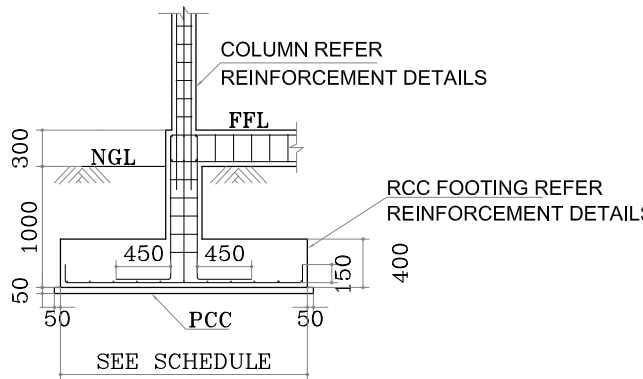
COLUMN & AXIS LAYOUT
SCALE 1 : 25



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.		
C1	200	300	6Y16	200	300	6Y16
						Y8/200

FOOTING REINFORCEMENT DETAILS						
MARK	DIMENTION			REINFORCEMENT		BOXED
	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
	b	h				
GB1	200	300	5Y16	3Y16	Y8/200	

BEAM REINFORCEMENT DETAILS						
MARK	SIZE		BOTTOM BARS	TOP BARS	STIRRUPS	SIDE BARS
	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	

NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETERS.
- ALL LEVELS SHOWN ARE FROM MEAN SEA LEVEL
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS 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
- YIELD STRENGTH OF STEEL REINFORCEMENT SHALL BE 460 N / MM²
- 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:-

- GRID No
A - GRID MARK (HORIZONTAL)
- GRID No
1 - GRID MARK (VERTICAL)

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

CONSULTANT:

استشاري

مكتب الجبشي للإستشارات الهندسية

Al-Habshi Consultants Office

Tel : 2430103 / 2433131 - Fax : 2431136

P.O.Box 27154 Safat 13152 - Kuwait

PROJECT:

Provision of Water Supply Facilities in 04 islands and

Sewerage Facilities in 05 islands -

R.Hulhudhuffaar Island - Republic of Maldives

DRAWING TITLE:

SEWERAGE TREATMENT PLANT CONTROL ROOM

STRUCTURAL DETAILS HULHUDHUFFAARU 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	RH-SW-121

REV. No.	
0	