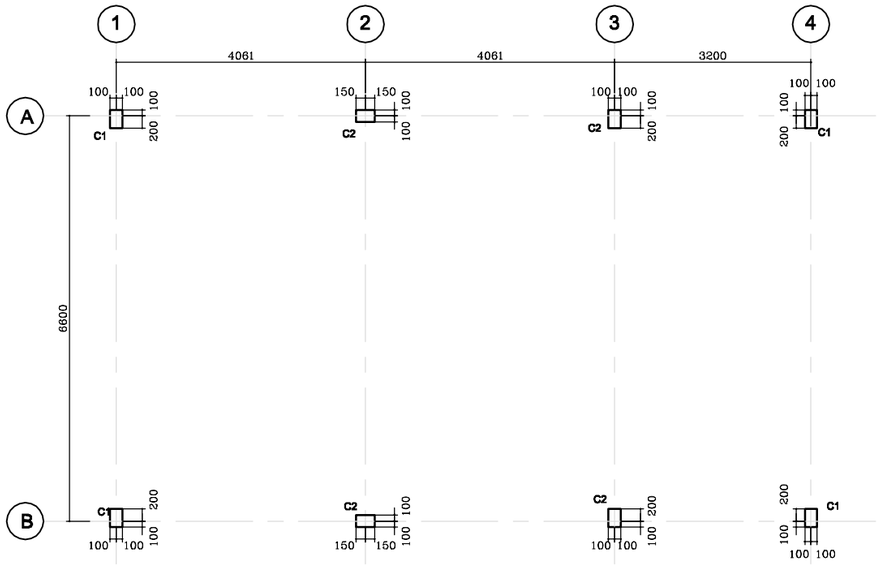
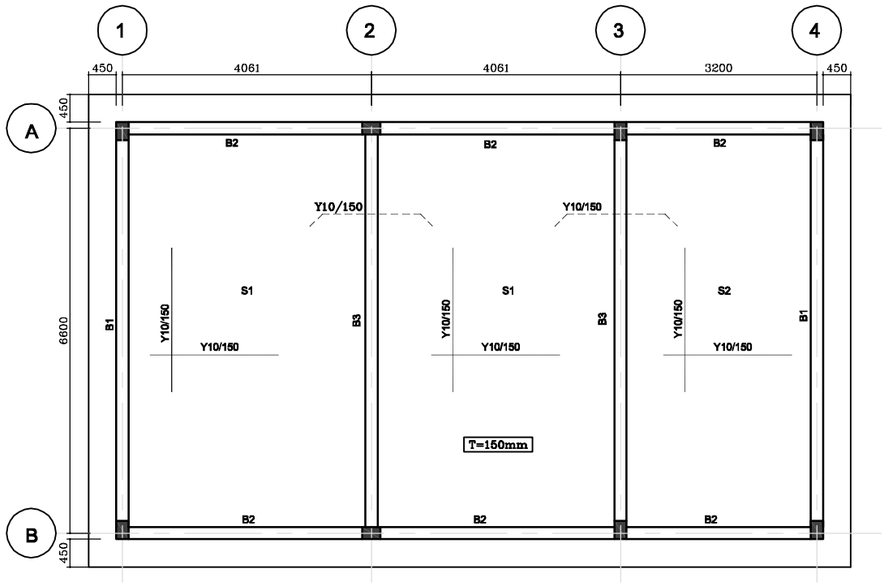


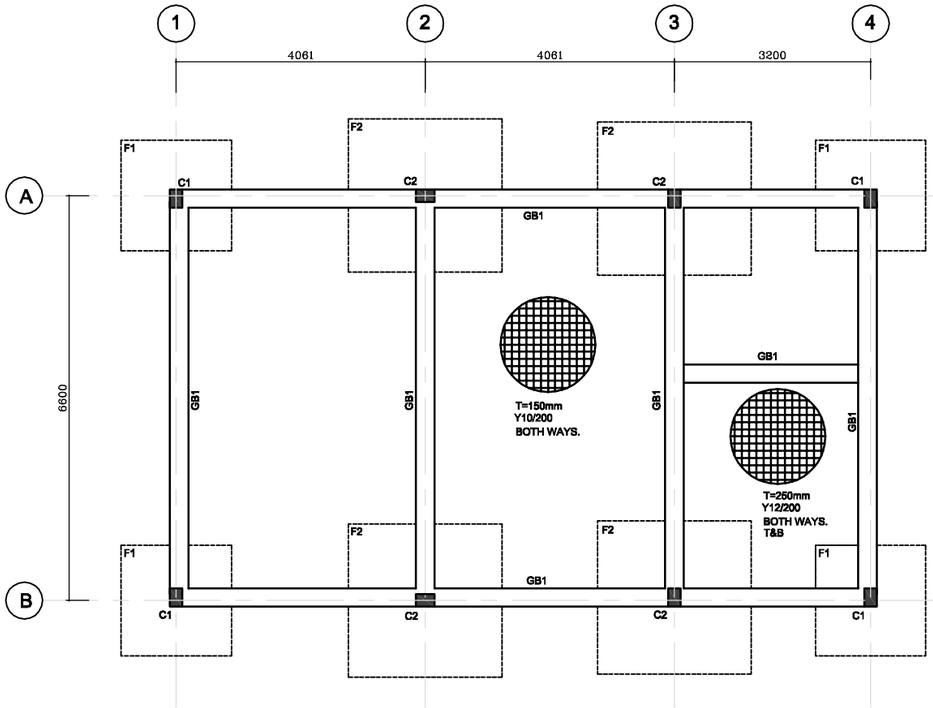

## COLUMN & AXIS LAYOUT

SCALE 1 : 100




## ROOF SLAB LAYOUT

SCALE 1 : 100




## FOOTING & GRADE BEAM LAYOUT

SCALE 1 : 100

.5 0 .5 1 2 3 M

1. ALL DIMENSIONS ARE IN MILLIMETERS (MM).
2. ALL LEVELS SHOWN ARE IN METERS.
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS,GENERAL NOTES AND SPECIFICATIONS.
4. CONTRACTOR SHALL CONDUCT INDEPENDENT GEOTECHNICAL INVESTIGATION TO CONFORM THE BEARING CAPACITY OF SOIL 65 KN / M AT 1M DEPTH AS DESIGNED IS APPROPRIATE SHOULD THERE BE A VARIANCE CONTRACTOR SHALL REVISE THE DESIGN TO CONSTRUCT THE WORK
5. THE CONCRETE COVER TO ALL REINFORCEMENT SHALL BE AS FOLLOW :-

| | | |
|---|---|---|
| COLUMN / BEAM | = | 40 mm |
| SLAB | = | 30 mm |
| FOUNDATION | = | 50 mm |

6. WATER CEMENT RATIO SHALL BE 0.50
7. 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:-

A (GRID No / GRID LINE) - GRID MARK ( HORIZONTAL )

1 (GRID No / GRID LINE) - GRID MARK ( VERTICAL )

REFERENCE DRAWINGS

| SL.No | DRAWING No. | DESCRIPTION |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

| REV. | DATE | DESCRIPTION | DRAWN | CHKD. | APPRD |
|---|---|---|---|---|---|
| .. | .. | .. | .. | .. | .. |
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| : | : | : | : | : | : |
| 0 | 08.02.'10 | ISSUED FOR TENDER | JP | AT | MA |

REVISION

CLIENT

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

CONSULTANT:

Al-Habshi Consultant

Al-Habshi Consultants Office
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P.O.Box 27154 Safat 13132 - Kuwait

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

DRAWING TITTLE:
REVERSE OSMOSIS UNIT STRUCTURAL PLANS

| 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-119 |
| REV. No. | 0 | |