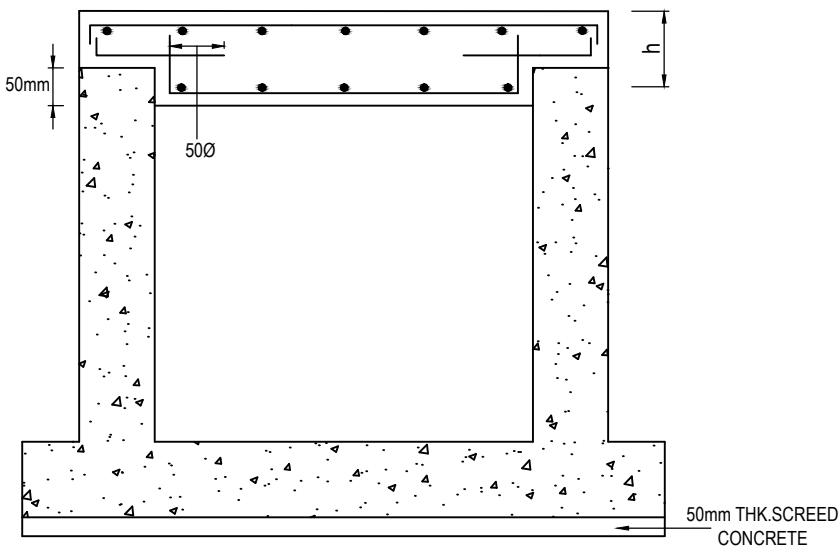


PLAN VIEW OF COVER SLABS

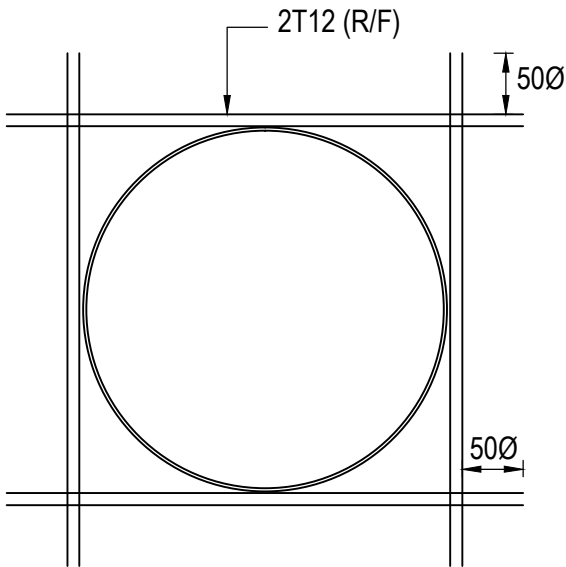


| TYPE | HEIGHT(H)   | WALL THK.(b) | BASE SLAB THK.(d) | VERTICAL R/F(WALL)        | HORIZONTAL R/F (WALL)     | BOTTOM R/F (BASE)         | TOP R/F (BASE)           |
|------|-------------|--------------|-------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| A    |             | 150mm        | 200mm             | T10-150 C/C (OUTER FACE)  |                           |                           | T10-200 C/C (BOTH WAYS)  |
| B    |             | 200mm        | 250mm             |                           |                           |                           |                          |
| C    |             | 200mm        | 250mm             | T12 - 200 c/c (BOTH FACE) |                           | T12 - 200 c/c (BOTH WAYS) |                          |
| D    | 2.5m ~ 3.0m | 200mm        | 250mm             | T12 - 150 c/c (BOTH FACE) | T12 - 150 c/c (BOTH FACE) | T12 - 150 c/c (BOTH WAYS) | T12 - 150 c/c (BOTHWAYS) |

TYPICAL / STRUCTURAL DETAILS OF BASE SLAB & WALLS

| TYPE | LENGTH / WIDTH (L) (W) | COVER SLAB THICK (h) | BOTTOM R/F              | TOP R/F                   |
|------|------------------------|----------------------|-------------------------|---------------------------|
| 1    |                        | 200mm                | T10-150 C/C (BOTH WAYS) | T10-250 C/C (BOTH WAYS)   |
| 2    |                        | 200mm                | T12-200 C/C (BOTH WAYS) |                           |
| 3    |                        | 250mm                | T12-200 C/C (BOTH WAYS) | T10 - 250 c/c (BOTH WAYS) |
| 4    | 2.5m ~ 3.0m            | 250mm                | T12-150 C/C (BOTH WAYS) | T10 - 250 c/c (BOTH WAYS) |



TYPICAL / STRUCTURAL DETAILS OF COVER SLABS



ADDITIONAL R/F DETAIL FOR WALL / SLAB OPENINGS.

NOTES :

IF L,W >1.5m,SLAB SHALL BE CASTED AS TWO PARTITIONS (AS TWO SLABS)

|   |  |   |          |                           |              |          |       |           |             |
|---|--|---|----------|---------------------------|--------------|----------|-------|-----------|-------------|
|  | <b>CLIENT:</b><br>MINISTRY OF ENVIRONMENT AND ENERGY   | <b>CONSULTANCY SERVICES FOR DESIGN OF WATER SUPPLY FACILITIES IN</b> Ha.HORAFUSHI, Hdh.HANIMAADHOO,Sh.MILANDHOO,R.UNGOOFAARU,Lh.NAIFARU,Dh,KUDAHUVADHOO ,Th.GUR Aidhoo AND Ga.VILLINGILI , MALDIVES | DESIGN   | DRAWN                     | CHECKED      | APPROVED | SL.NO | DRWING NO | DESCRIPTION |
|   |  |   | ENGINEER |                           | DESIGN CHIEF |          |       |           |             |
|  | <b>GREENTECH CONSULTANTS (Pvt.) Ltd</b> IN ASSOCIATION WITH DEVELOPMENT COLLABORATION PARTNERSHIP (Pvt.) Ltd MALDIVES AND OPTIMUM SOLOUTIONS (Pvt) Ltd, MALDIVES | <b>TITLE:</b><br>FIRE HYDRANT CHAMBER STRUCTURAL DRAWING R.UNGOOFAARU   | DATE     | DRG.NO: UNGOOFAARU/STD/10 |              |          |       |           |             |
|   |  |   |          | SCALE: NOT TO SCALE       |              |          |       |           |             |