



RANDOM RUBBLE MASONRY WALL FOR 'H' HEIGHT

| RRM WALL UPTO HEIGHT | H (MM) | B (MM) | SIDE SLOPE 1:n |
|----------------------|--------|--------|----------------|
| 1.0 mt. | 1000 | 1723 | 1:2 |
| 1.5 mt. | 1500 | 1967 | 1:2 |
| 2.0 mt. | 2000 | 2212 | 1:2 |
| 2.5 mt. | 2500 | 2456 | 1:2 |
| 3.0 mt. | 3000 | 2700 | 1:2 |
| 3.5 mt. | 3500 | 2900 | 1:2 |
| 4.0 mt. | 4000 | 3100 | 1:2 |
| 4.5 mt. | 4500 | 3400 | 1:2 |
| 5.0 mt. | 5000 | 3600 | 1:2 |

NOTES:-

1. ALL DIMENSION ARE IN MM U.N.O.
2. THE REVETMENT WALLS SHALL BE FINALLY POINTED WITH 1:3 CEMENT MORTAR.
3. WEEP HOLES SHALL BE OF 2.0 MT. C/C APART HORIZONTAL.
4. CENTER OF TOP MOST WEEP HOLES TO BE NOT LESS THAN 300MM BELOW TOP.
5. THE MINI. DEPTH OF REVETMENT WALL BELOW G.L. WILL BE 600MM.
6. SIZE OF STONE FOR MASONRY WORK SHALL BE 300X150X150 & BELOW.
7. THE MASONRY WORK SHOULD BE CARRIED OUT IN 1:5 CEMENT MORTAR.

| REV | DATE | DESCRIPTION | BY | CHKD. | APPRD. |
|--|------|-------------|------------------------------|-------|---------|
|  BHUTAN POWER CORPORATION LTD. TRANSMISSION CONSTRUCTION DEPARTMENT | | | | | |
| PROJECT : CONSTRUCTION OF 66/33 kV SUBSTATION AT JAMTSHOLING, SIFSOO | | | | | |
| TITLE: RRM RETAINING WALL | | | | | |
| DESIGNED / DRAWN: <i>(Signature)</i> | | | APPROVED: <i>(Signature)</i> | | |
| (DORJI KINLEY) SE / MPE-CIVIL | | | DATE : FEBRUARY 2021 | | |
| DWG. NO: BPC/TCD/TP0/12-01/DWG-C/RRM WALLS | | | SCALE : AS STATED | | |
| | | | | | REV. RO |