|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GLASS LOAD** | | | | | | | | | | |
| **FIRST FLOOR** | | | | | | | | | | |
| **Space** | **Orientation** | **U** | **To** | **Ti** | **A(m^2)** | **SHGF** | **SCL** | **SC** | **Qsg (W)** | **Qth (W)** |
| Power House | E | 2.8722 | 34.5 | 22.5 | 4 | 685 | 0.8 | 0.55 | 1205.6 | 137.8656 |
| Maintenance Office | N | 2.8722 | 34.5 | 22.5 | 1.2 | 120 | 0.91 | 0.55 | 72.072 | 41.35968 |
| Maintenance Office CR | N | 2.8722 | 34.5 | 24 | 0.36 | 120 | 0.91 | 0.55 | 21.6216 | 10.85692 |
| Famale Toilet | N | 2.8722 | 34.5 | 24 | 0.72 | 120 | 0.91 | 0.55 | 43.2432 | 21.71383 |
| Male Toilet | N | 2.8722 | 34.5 | 24 | 0.72 | 120 | 0.91 | 0.55 | 43.2432 | 21.71383 |
| Minor Operating Room | N | 2.8211 | 34.5 | 22 | 1.6 | 120 | 0.91 | 0.55 | 96.096 | 56.422 |
| Exaination/Treatment and Obs Area | N | 2.8722 | 34.5 | 22.5 | 4.4 | 120 | 0.91 | 0.55 | 264.264 | 151.6522 |
| Exaination/Treatment and Obs Area CR | N | 2.8722 | 34.5 | 22.5 | 0.72 | 120 | 0.91 | 0.55 | 43.2432 | 24.81581 |
| Emergency Room | W | 2.8722 | 34.5 | 22.5 | 2 | 685 | 0.82 | 0.55 | 617.87 | 68.9328 |
| Hallway | W | 2.8722 | 34.5 | 28 | 2.75 | 685 | 0.82 | 0.55 | 849.5713 | 51.34058 |
| Hallway | W | 2.8211 | 34.5 | 28 | 9 | 685 | 0.82 | 0.55 | 2780.415 | 165.0344 |
| Ultrasound N | N | 2.8722 | 34.5 | 22.5 | 0.6 | 120 | 0.91 | 0.55 | 36.036 | 20.67984 |
| Ultrasound W | W | 2.8722 | 34.5 | 22.5 | 4.2 | 685 | 0.82 | 0.55 | 1297.527 | 144.7589 |
| Ultrasound CR | W | 2.8722 | 34.5 | 24 | 0.36 | 685 | 0.82 | 0.55 | 111.2166 | 10.85692 |
| OPB Clinic OB-Gyne W | W | 2.8722 | 34.5 | 22.5 | 0.6 | 685 | 0.82 | 0.55 | 185.361 | 20.67984 |
| OPB Clinic OB-Gyne S | S | 2.8722 | 34.5 | 22.5 | 1.6 | 230 | 0.83 | 0.55 | 167.992 | 55.14624 |
| OPB Clinic OB-Gyne CR | S | 2.8722 | 34.5 | 24 | 0.36 | 230 | 0.83 | 0.55 | 37.7982 | 10.85692 |
| Canteen W | W | 2.8722 | 34.5 | 24 | 4.2 | 685 | 0.82 | 0.55 | 1297.527 | 126.664 |
| Canteen S | S | 2.8722 | 34.5 | 24 | 8.4 | 230 | 0.83 | 0.55 | 881.958 | 253.328 |
| Canteen E | E | 2.8722 | 34.5 | 24 | 1.4 | 685 | 0.8 | 0.55 | 421.96 | 42.22134 |
| Dietary | S | 2.8722 | 34.5 | 22.5 | 2.4 | 230 | 0.83 | 0.55 | 251.988 | 82.71936 |
| Dietitian Office | S | 2.8722 | 34.5 | 22.5 | 2.8 | 230 | 0.83 | 0.55 | 293.986 | 96.50592 |
| Cooking Area S | S | 2.8722 | 34.5 | 24 | 1.8 | 230 | 0.83 | 0.55 | 188.991 | 54.28458 |
| Cooking Area E | E | 2.8722 | 34.5 | 24 | 2.4 | 685 | 80% | 0.55 | 723.36 | 72.37944 |
| Washing Area | E | 2.8722 | 34.5 | 24 | 1.73 | 685 | 0.8 | 0.55 | 521.422 | 52.17351 |
| Pressing Area | E | 2.8722 | 34.5 | 22.5 | 2 | 685 | 0.8 | 0.55 | 602.8 | 68.9328 |
| Film File Storage | E | 2.8722 | 34.5 | 24 | 0.36 | 685 | 0.8 | 0.55 | 108.504 | 10.85692 |
| Waiting Area CR | E | 2.8722 | 34.5 | 24 | 0.36 | 685 | 0.8 | 0.55 | 108.504 | 10.85692 |
| Work Area Laboratory | E | 2.8722 | 34.5 | 22 | 2.4 | 685 | 0.8 | 0.55 | 723.36 | 86.166 |
| Cadaver Holding Room | E | 2.8722 | 34.5 | 22.5 | 1.6 | 685 | 0.8 | 0.55 | 482.24 | 55.14624 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | **Total:** | | **14479.77** | **2026.921** |
|  |  |  |  |  |  |  | **Overall Total Load:** | | **16506.69152** | |
|  |  |  |  |  |  |  |  |  |  |  |
| **SECOND FLOOR** | | | | | | | | | | |
| **Space** | **Orientation** | **U** | **To** | **Ti** | **A(m^2)** | **SHGF** | **SCL** | **SC** | **Qsg (W)** | **Qth (W)** |
| 5 Bed Ward | N | 2.8722 | 34.5 | 22.5 | 4.62 | 120 | 0.91 | 0.55 | 277.4772 | 159.2348 |
| 5 Bed Ward | N | 2.8722 | 34.5 | 22.5 | 4.62 | 120 | 0.91 | 0.55 | 277.4772 | 159.2348 |
| 5 Bed Ward | N | 2.8722 | 34.5 | 22.5 | 4.62 | 120 | 0.91 | 0.55 | 277.4772 | 159.2348 |
| 5 Bed Ward | N | 2.8722 | 34.5 | 22.5 | 4.62 | 120 | 0.91 | 0.55 | 277.4772 | 159.2348 |
| Hallway | W | 2.8211 | 34.5 | 28 | 2.7 | 685 | 0.82 | 0.55 | 834.1245 | 49.51031 |
| Isolation Room | W | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.82 | 0.55 | 432.509 | 48.25296 |
| Isolation Room CR | W | 2.8722 | 34.5 | 24 | 0.36 | 685 | 0.82 | 0.55 | 111.2166 | 10.85692 |
| Private Room | W | 2.8722 | 34.5 | 22.5 | 3 | 685 | 0.82 | 0.55 | 926.805 | 103.3992 |
| Private Room | W | 2.8722 | 34.5 | 22.5 | 3 | 685 | 0.82 | 0.55 | 926.805 | 103.3992 |
| Private Room | W | 2.8722 | 34.5 | 22.5 | 3 | 685 | 0.82 | 0.55 | 926.805 | 103.3992 |
| Private Room | W | 2.8722 | 34.5 | 22.5 | 3 | 685 | 0.82 | 0.55 | 926.805 | 103.3992 |
| CSSR | W | 2.8722 | 34.5 | 22.5 | 1.95 | 685 | 0.82 | 0.55 | 602.4233 | 67.20948 |
| Sterile Supply Room | W | 2.8722 | 34.5 | 24 | 5.02 | 685 | 0.82 | 0.55 | 1550.854 | 151.3937 |
| Recovery Room | S | 2.8722 | 34.5 | 22.5 | 2.4 | 230 | 0.83 | 0.55 | 251.988 | 82.71936 |
| Recovery Room CR | S | 2.8722 | 34.5 | 24 | 0.36 | 230 | 0.83 | 0.55 | 37.7982 | 10.85692 |
| Lounge Area | S | 2.8722 | 34.5 | 22.5 | 2.8 | 230 | 0.83 | 0.55 | 293.986 | 96.50592 |
| DR 1 | S | 2.8722 | 34.5 | 24 | 0.36 | 230 | 0.83 | 0.55 | 37.7982 | 10.85692 |
| DR 2 | S | 2.8722 | 34.5 | 24 | 0.36 | 230 | 0.83 | 0.55 | 37.7982 | 10.85692 |
| DR 3 | S | 2.8722 | 34.5 | 24 | 0.36 | 230 | 0.83 | 0.55 | 37.7982 | 10.85692 |
| Anesthesia Off. and Storage | S | 2.8722 | 34.5 | 24 | 1.6 | 230 | 0.83 | 0.55 | 167.992 | 48.25296 |
| Sterile Storage | S | 2.8722 | 34.5 | 24 | 1.6 | 230 | 0.83 | 0.55 | 167.992 | 48.25296 |
| Clean-up Room | S | 2.8722 | 34.5 | 24 | 1.6 | 230 | 0.83 | 0.55 | 167.992 | 48.25296 |
| Sub-Ster Room | S | 2.8722 | 34.5 | 22.5 | 1.6 | 230 | 0.83 | 0.55 | 167.992 | 55.14624 |
| Chief of Clinics | E | 2.8722 | 34.5 | 22.5 | 2.1 | 685 | 0.8 | 0.55 | 632.94 | 72.37944 |
| Conference Room | E | 2.8722 | 34.5 | 22.5 | 3.6 | 685 | 0.8 | 0.55 | 1085.04 | 124.079 |
| Chief of Hospital | E | 2.8722 | 34.5 | 22.5 | 2.72 | 685 | 0.8 | 0.55 | 819.808 | 93.74861 |
| Reception (CR) | S | 2.8722 | 34.5 | 24 | 1.2 | 230 | 0.83 | 0.55 | 125.994 | 36.18972 |
| Isolation Room | E | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.8 | 0.55 | 421.96 | 48.25296 |
| Isolation Room CR | E | 2.8722 | 34.5 | 24 | 0.36 | 685 | 0.8 | 0.55 | 108.504 | 10.85692 |
|  |  |  |  |  |  |  | **Total:** | | **12911.64** | **2185.824** |
|  |  |  |  |  |  |  | **Overall Total Load** | | **15097.46059** | |
|  |  |  |  |  |  |  |  |  |  |  |
| **THIRD FLOOR** | | | | | | | | | | |
| **Space** | **Orientation** | **U** | **To** | **Ti** | **A(m^2)** | **SHGF** | **SCL** | **SC** | **Qsg (W)** | **Qth (W)** |
| 5 Bed Ward | N | 2.8722 | 34.5 | 22.5 | 2.31 | 120 | 0.91 | 0.55 | 138.7386 | 79.61738 |
| 5 Bed Ward | N | 2.8722 | 34.5 | 22.5 | 2.31 | 120 | 0.91 | 0.55 | 138.7386 | 79.61738 |
| 5 Bed Ward | N | 2.8722 | 34.5 | 22.5 | 2.31 | 120 | 0.91 | 0.55 | 138.7386 | 79.61738 |
| 5 Bed Ward | N | 2.8722 | 34.5 | 22.5 | 2.31 | 120 | 0.91 | 0.55 | 138.7386 | 79.61738 |
| Hallway | W | 2.8722 | 34.5 | 28 | 2.7 | 685 | 0.82 | 0.55 | 834.1245 | 50.40711 |
| Isolation Room | W | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.82 | 0.55 | 432.509 | 48.25296 |
| Private Room | W | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.82 | 0.55 | 432.509 | 48.25296 |
| Private Room | W | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.82 | 0.55 | 432.509 | 48.25296 |
| Private Room | W | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.82 | 0.55 | 432.509 | 48.25296 |
| Private Room | W | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.82 | 0.55 | 432.509 | 48.25296 |
| Solarium | W | 2.8211 | 34.5 | 22.5 | 3.35 | 685 | 0.82 | 0.55 | 1034.932 | 113.4082 |
| Admitting | W | 2.8722 | 34.5 | 22.5 | 2.4 | 685 | 0.82 | 0.55 | 741.444 | 82.71936 |
| Billing | W | 2.8722 | 34.5 | 22.5 | 2.4 | 685 | 0.82 | 0.55 | 741.444 | 82.71936 |
| Cashier | W | 2.8722 | 34.5 | 22.5 | 2.4 | 685 | 0.82 | 0.55 | 741.444 | 82.71936 |
| Personel's Dining W | W | 2.8722 | 34.5 | 22.5 | 2.23 | 685 | 0.82 | 0.55 | 688.9251 | 76.86007 |
| Personel's Dining CR | W | 2.8722 | 34.5 | 24 | 0.36 | 685 | 0.82 | 0.55 | 111.2166 | 10.85692 |
| Personel's Dining S | S | 2.8722 | 34.5 | 22.5 | 2.4 | 230 | 0.83 | 0.55 | 251.988 | 82.71936 |
| Female Toilet | S | 2.8722 | 34.5 | 24 | 0.72 | 230 | 0.83 | 0.55 | 75.5964 | 21.71383 |
| Male Toilet | S | 2.8722 | 34.5 | 24 | 0.72 | 230 | 0.83 | 0.55 | 75.5964 | 21.71383 |
| Solarium | E | 2.8211 | 34.5 | 22.5 | 3.35 | 685 | 0.8 | 0.55 | 1009.69 | 113.4082 |
| Private Room | E | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.8 | 0.55 | 421.96 | 48.25296 |
| Private Room | E | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.8 | 0.55 | 421.96 | 48.25296 |
| Private Room | E | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.8 | 0.55 | 421.96 | 48.25296 |
| Private Room | E | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.8 | 0.55 | 421.96 | 48.25296 |
| Isolation Room | E | 2.8722 | 34.5 | 22.5 | 1.4 | 685 | 0.8 | 0.55 | 421.96 | 48.25296 |
| Isolation Room CR | E | 2.8722 | 34.5 | 24 | 0.36 | 685 | 0.8 | 0.55 | 108.504 | 10.85692 |
|  |  |  |  |  |  |  | **Total:** | | **11242.2** | **1551.102** |
|  |  |  |  |  |  |  | **Overall Total Load** | | **12793.30629** | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Summary of Data** | | | |
|  | **QS** | **QL** | **Q** |
| FIRST FLOOR | 14479.77 | 2026.921 | 16506.69 |
| SECOND FLOOR | 12911.64 | 2185.824 | 15097.46 |
| THIRD FLOOR | 11242.2 | 1551.102 | 12793.31 |
| TOTAL | **38633.61** | **5763.847** | **44397.46** |
|