|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **INFILTRATION LOAD** | | | | | | | | |
| **FIRST FLOOR** | | | | | | | | |
| **SPACE** | **Volume** | **L/s** | **To** | **Ti** | **Wo** | **Wi** | **Qs (W)** | **Ql (W)** |
| 1.1 Power House | 149.7544 | 10.9819893 | 34.5 | 22.5 | 0.0181368 | 0.009293 | 162.3577303 | 291.3582281 |
| 1.2 Work Area | 38.6048 | 2.83101867 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 41.85377997 | 82.01015475 |
| 1.3 Storage Room | 31.27 | 2.20192917 | 34.5 | 24 | 0.0181368 | 0.009293 | 28.4841557 | 58.41839405 |
| 1.4 Maintenance Office | 65.238 | 4.78412 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 70.72843008 | 138.5884262 |
| 1.4 Maintenance Office CR | 11.35 | 0.79922917 | 34.5 | 24 | 0.0181368 | 0.009293 | 10.3388285 | 21.20399017 |
| 1.5 Female toilet | 73.1964 | 5.1542465 | 34.5 | 24 | 0.0181368 | 0.009293 | 66.67533272 | 136.7449996 |
| 1.6 Male Toilet | 73.3856 | 5.16756933 | 34.5 | 24 | 0.0181368 | 0.009293 | 66.8476769 | 137.0984617 |
| 1.7 Minor Operating Room | 93.5544 | 6.95161167 | 34.5 | 22 | 0.0181368 | 0.00822 | 107.0548197 | 206.8172319 |
| 1.8 Equipment and supply storage area | 22.44 | 1.58015 | 34.5 | 24 | 0.0181368 | 0.009293 | 20.4408204 | 41.92225016 |
| 1.9 Emergency Room | 525.2 | 38.5146667 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 569.400832 | 1115.709271 |
| 1.9 Examination/Treatment Area CR | 14.8348 | 1.04461717 | 34.5 | 24 | 0.0181368 | 0.009293 | 13.51316767 | 27.71426902 |
| 1.10 Cadaver Holding Room | 78.5512 | 5.76042133 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 85.16206899 | 166.8703391 |
| 1.11 Supply Room | 125.1572 | 9.17819467 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 135.69043 | 265.877853 |
| 1.12 Bulk Storage | 15.9088 | 1.12024467 | 34.5 | 24 | 0.0181368 | 0.009293 | 14.49148501 | 29.72070826 |
| 1.13 Pharmacy | 82.9948 | 6.08628533 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 89.97964237 | 176.3101063 |
| 1.14 Medical Records Office | 71.8048 | 5.26568533 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 77.84789197 | 152.5386159 |
| 1.15 Medical Records | 74.5232 | 5.46503467 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 80.79507251 | 158.3134523 |
| 1.16 PHILHEALTH | 68.5512 | 5.027088 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 74.32046899 | 145.6268267 |
| 1.17 Doctor's Duty | 46.4248 | 3.40448533 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 50.33191117 | 98.62258145 |
| 1.18 Nurse Station (ER) CR | 11.9092 | 0.83860617 | 34.5 | 24 | 0.0181368 | 0.009293 | 10.84820937 | 22.24868367 |
| HALLWAY | 2624.716 | 164.409294 | 34.5 | 28 | 0.0181368 | 0.011816 | 1316.589625 | 3117.460883 |
| 1.21 Work Area (laboratory) | 131.44 | 9.76672222 | 34.5 | 22 | 0.0181368 | 0.00822 | 150.4075222 | 290.5695184 |
| 1.23 Waiting area | 50.71 | 3.71873333 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 54.9777536 | 107.7258514 |
| 1.23 Waiting area CR | 12.9452 | 0.91155783 | 34.5 | 24 | 0.0181368 | 0.009293 | 11.79191213 | 24.18413159 |
| 1.24 OPD clinic dental 1 | 57.5244 | 4.218456 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 62.3656535 | 122.2020305 |
| 1.25 OPD clinic dental 2 | 57.5244 | 4.218456 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 62.3656535 | 122.2020305 |
| 1.26 Elevator | 35.8604 | 2.62976267 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 38.87841126 | 76.18008521 |
| 1.27 OPD clinic surgery 1 | 57.7424 | 4.23444267 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 62.60200038 | 122.665139 |
| 1.28 OPD clinic surgery 2 | 57.7424 | 4.23444267 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 62.60200038 | 122.665139 |
| 1.29 Cashier | 21.95 | 1.60966667 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 23.797312 | 46.62950972 |
| 1.30 Billing | 22.04 | 1.61626667 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 23.8948864 | 46.82070133 |
| 1.31 Admitting | 22.5452 | 1.65331467 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 24.44260403 | 47.89392358 |
| 1.32 Film File Storage | 22.0812 | 1.5548845 | 34.5 | 24 | 0.0181368 | 0.009293 | 20.11398589 | 41.25194253 |
| 1.33 Radiologist Office | 36.5968 | 2.68376533 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 39.67678669 | 77.74445746 |
| 1.34 Dark Room | 19.8088 | 1.45264533 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 21.47590861 | 42.08084884 |
| 1.35 Control Booth | 101.0152 | 7.40778133 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 109.5166392 | 214.5917654 |
| 1.37 OPD Clinic Pedia 1 | 57.5244 | 4.218456 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 62.3656535 | 122.2020305 |
| 1.38 OPD Clinic Pedia 2 | 57.5244 | 4.218456 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 62.3656535 | 122.2020305 |
| 1.39 OPD Records | 41.672 | 3.05594667 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 45.17911552 | 88.52596487 |
| 1.40 OPD info. And admitting | 39.922 | 2.92761333 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 43.28183552 | 84.8083502 |
| 1.41 OPD Clinic Medical 1 | 57.7424 | 4.23444267 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 62.60200038 | 122.665139 |
| 1.42 OPD Clinic Medical 2 | 57.7424 | 4.23444267 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 62.60200038 | 122.665139 |
| 1.46 Pressing Area | 33.724 | 2.47309333 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 36.56221184 | 71.64162122 |
| 1.47 Linen Storage | 33.2548 | 2.34169217 | 34.5 | 24 | 0.0181368 | 0.009293 | 30.29212987 | 62.12638345 |
| 1.49 Linen Office | 33.75 | 2.3765625 | 34.5 | 24 | 0.0181368 | 0.008481 | 30.7432125 | 68.84527492 |
| 1.50 Admin Office | 54.428 | 3.99138667 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 59.00866048 | 115.6241893 |
| 1.51 Male Toilet | 69.0396 | 4.8615385 | 34.5 | 24 | 0.0181368 | 0.009293 | 62.88886204 | 128.9792951 |
| 1.53 Washing Area | 68.5068 | 5.023832 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 74.27233229 | 145.5325055 |
| 1.54 Receiving Sorting Area | 34.2844 | 2.51418933 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 37.1697751 | 72.83210765 |
| 1.55 Administrative office | 141.2708 | 10.3598587 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 153.1601505 | 300.1087992 |
| 1.56 Social Welfare | 54.3936 | 3.988864 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 58.97136538 | 115.5511116 |
| 1.57 Female Toilet | 68.1712 | 4.80038867 | 34.5 | 24 | 0.0181368 | 0.009293 | 62.09782779 | 127.3569563 |
| 1.58 OPD Info. And admitting | 41.7668 | 3.06289867 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 45.28189389 | 88.72735337 |
| 1.59 OPD records | 46.3676 | 3.40029067 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 50.26989722 | 98.50106856 |
| 1.60 Ultrasound | 76.3076 | 5.59589067 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 82.72964762 | 162.1041447 |
| 1.60 Ultrasound CR | 10.1376 | 0.713856 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.234441216 | 18.93899301 |
| 1.61 Cooking Area | 136.8608 | 9.63728133 | 34.5 | 24 | 0.0181368 | 0.009293 | 124.6678713 | 255.6823839 |
| 1.62 Dry storage | 10.3764 | 0.7306715 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.451966524 | 19.38511749 |
| 1.63 Cold Storage | 7.85 | 0.55277083 | 34.5 | 24 | 0.0181368 | 0.009293 | 7.1506435 | 14.66531479 |
| 1.64 Supply Receiving Area | 22.8736 | 1.67739733 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 24.79864218 | 48.59156052 |
| 1.65 Dietician's Office | 36.9 | 2.706 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 40.005504 | 78.38856076 |
| 1.65 Dietician's Office CR | 7.78 | 0.54784167 | 34.5 | 24 | 0.0181368 | 0.009293 | 7.0868798 | 14.53454128 |
| 1.66 Dietary | 152.13 | 10.7124875 | 34.5 | 24 | 0.0181368 | 0.008481 | 138.5767383 | 310.3239014 |
| 1.67 Staff Dining | 203.5524 | 14.3334815 | 34.5 | 24 | 0.0181368 | 0.008481 | 185.4179167 | 415.2183982 |
| 1.68 OPD clinic Ob-gyne | 108.0224 | 7.92164267 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 117.1135652 | 229.4775194 |
| 1.68 OPD clinic Ob-gyne CR | 10.1376 | 0.713856 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.234441216 | 18.93899301 |
| 1.70 Canteen | 726.7968 | 51.178608 | 34.5 | 24 | 0.0181368 | 0.009293 | 662.0464731 | 1357.79667 |
| X Ray CR | 7.8824 | 0.55505233 | 34.5 | 24 | 0.0181368 | 0.009293 | 7.180156984 | 14.72584424 |
| Washing Area CR | 9.6 | 0.676 | 34.5 | 24 | 0.18137 | 0.009293 | 8.744736 | 348.9716794 |
|  |  |  |  |  | **Total** | | **6335.215611** | 13463.22174 |
|  |  |  |  |  | **Total Load** | | **19798.43735** | |
|  |  |  |  |  |  |  |  |  |
| **SECOND FLOOR** | | | | | | | | |
| **SPACE** | **Volume** | **L/s** | **To** | **Ti** | **Wo** | **Wi** | **Qs (W)** | **Ql (W)** |
| 5-Bed Ward 1 | 137.1076 | 10.0545573 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 148.4052662 | 291.2646397 |
| 5-Bed Ward 1 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.521745188 | 19.55998699 |
| 5-Bed Ward 2 | 137.04 | 10.0496 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 148.332096 | 291.1210336 |
| 5-Bed Ward 2 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.521745188 | 19.55998699 |
| Hallway 1 | 881.3296 | 55.2055069 | 34.5 | 28 | 0.0181368 | 0.011816 | 441.3680276 | 1046.783608 |
| Hallway 2 | 573.16452 | 35.9023887 | 34.5 | 28 | 0.0181368 | 0.011816 | 287.0395975 | 680.7659973 |
| Hallway 3 | 315.0296 | 19.7331041 | 34.5 | 28 | 0.0181368 | 0.011816 | 157.7661674 | 374.1708224 |
| Hallway 4 | 398.6188 | 24.9690387 | 34.5 | 28 | 0.0181368 | 0.011816 | 199.6274646 | 473.4524128 |
| Hallway 5 | 571.5204 | 35.7994028 | 34.5 | 28 | 0.0181368 | 0.011816 | 286.2162257 | 678.8132229 |
| 5-Bed Ward 3 | 137.16 | 10.0584 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 148.461984 | 291.3759557 |
| 5-Bed Ward 3 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.521745188 | 19.55998699 |
| 5-Bed Ward 4 | 136.47 | 10.0078 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 147.715128 | 289.9101537 |
| 5-Bed Ward 4 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.521745188 | 19.55998699 |
| Isolation Room 1 | 54.6952 | 4.01098133 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 59.20208448 | 116.1917919 |
| Isolation Room 1 CR | 10.4924 | 0.73883983 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.542116448 | 19.60183453 |
| Private Room 1 | 55.6824 | 4.083376 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 60.27062976 | 118.288951 |
| Private Room 1 CR | 10.462 | 0.73669917 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.514469738 | 19.54504144 |
| Private Room 2 | 55.5016 | 4.07011733 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 60.07493184 | 117.9048684 |
| Private Room 2 CR | 10.4788 | 0.73788217 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.529748183 | 19.5764271 |
| Chief Nurse | 122.848 | 9.00885333 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 132.9706752 | 260.9722471 |
| Chief Nurse CR | 10.5496 | 0.74286767 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.594135915 | 19.7086952 |
| Treatment Room | 71.7652 | 5.26278133 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 77.67865248 | 152.45446 |
| Hallway | 91.316 | 5.71993278 | 34.5 | 28 | 0.0181368 | 0.011816 | 45.73086256 | 108.4589601 |
| Nurse Station CR | 9.6484 | 0.67940817 | 34.5 | 24 | 0.0181368 | 0.009293 | 8.774556473 | 18.02507913 |
| Dirty Utility | 19.1476 | 1.34831017 | 34.5 | 24 | 0.0181368 | 0.009293 | 17.4134258 | 35.77142378 |
| Clean Linen | 9.8324 | 0.69236483 | 34.5 | 24 | 0.0181368 | 0.009293 | 8.941891823 | 18.36882675 |
| Private Room 3 | 55.494 | 4.06956 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 60.0667056 | 117.8887233 |
| Private Room 3 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.521745188 | 19.55998699 |
| Private Room 4 | 55.5712 | 4.07522133 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 60.15026688 | 118.0527232 |
| Private Room 4 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.521745188 | 19.55998699 |
| Isolation Room 2 | 54.8264 | 4.02060267 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 59.34409536 | 116.4705067 |
| Isolation Room 2 CR | 10.4852 | 0.73833283 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.535568543 | 19.58838353 |
| Reception | 44.2088 | 3.24197867 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 47.85160512 | 93.91499965 |
| Private Room 5 | 54.7252 | 4.01318133 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 59.23455648 | 116.2555224 |
| Private Room 5 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.603594 | 19.72812442 |
| Chief of Hospital | 74.9276 | 5.49469067 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 81.10163424 | 159.172507 |
| Chief of Hospital CR | 27.7184 | 1.95183733 | 34.5 | 24 | 0.0181368 | 0.009293 | 25.20797916 | 51.78333748 |
| 3-Bed Ward 1 | 101.488 | 7.44245333 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 109.8506112 | 215.596114 |
| 3-Bed Ward 1 CR | 10.4348 | 0.73478383 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.489733208 | 19.49422658 |
| Elevator | 26.4604 | 1.94042933 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 28.64073696 | 56.21117191 |
| 3-Bed Ward 2 | 101.92 | 7.47413333 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 110.318208 | 216.5138335 |
| 3-Bed Ward 2 CR | 10.4348 | 0.73478383 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.489733208 | 19.49422658 |
| Private Room 6 | 55.0048 | 4.03368533 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 59.53719552 | 116.8494909 |
| Private Room 6 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.603594 | 19.72812442 |
| Conference Room | 153.8148 | 11.279752 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 166.4891395 | 326.7565934 |
| 3-Bed Ward 3 | 101.488 | 7.44245333 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 109.8506112 | 215.596114 |
| 3-Bed Ward 3 CR | 10.4348 | 0.73478383 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.489733208 | 19.49422658 |
| 3-Bed Ward 4 | 101.92 | 7.47413333 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 110.318208 | 216.5138335 |
| 3-Bed Ward 4 CR | 10.4348 | 0.73478383 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.489733208 | 19.49422658 |
| Private Room 7 | 55.0048 | 4.03368533 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 59.53719552 | 116.8494909 |
| Private Room 7 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.603594 | 19.72812442 |
| Private Room 8 | 55.0048 | 4.03368533 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 59.53719552 | 116.8494909 |
| Private Room 8 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.603594 | 19.72812442 |
| Chief of Clinics | 85.4464 | 6.26606933 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 92.48718336 | 181.5181282 |
| Chief of Clinics CR | 6.6584 | 0.46886233 | 34.5 | 24 | 0.0181368 | 0.009293 | 6.055357035 | 12.43918027 |
| CSSR | 125.7552 | 9.222048 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 136.1174285 | 267.1481597 |
| Delivery Room | 139.9448 | 10.3986761 | 34.5 | 22 | 0.0181368 | 0.00822 | 159.8796452 | 309.370701 |
| Sub-Ster Room 1 | 21.6444 | 1.5241265 | 34.5 | 24 | 0.0181368 | 0.009293 | 19.68409375 | 40.43592956 |
| Labor Room | 102.9944 | 7.55292267 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 111.4811386 | 218.796236 |
| Labor Room CR | 15.452 | 1.08807833 | 34.5 | 24 | 0.0181368 | 0.009293 | 14.05253168 | 28.86732751 |
| Pathologic Nursery | 67.1976 | 4.927824 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 72.73468224 | 142.7512753 |
| Pre-mature nursery | 67.1996 | 4.92797067 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 72.73684704 | 142.755524 |
| Breastfeeding room | 40.9032 | 2.999568 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 44.27362368 | 86.89274564 |
| Pre-operation area | 76.0028 | 5.64743028 | 34.5 | 22 | 0.0181368 | 0.00822 | 86.82924052 | 168.0165288 |
| Autoclave area | 59.95 | 4.39633333 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 64.88988 | 127.3548305 |
| Autoclave area CR | 6.72 | 0.4732 | 34.5 | 24 | 0.0181368 | 0.009293 | 6.111378 | 12.55426099 |
| Sterile supply room | 86.4024 | 6.084169 | 34.5 | 24 | 0.0181368 | 0.009293 | 78.57704264 | 161.4164107 |
| Work Area 1 | 94.4012 | 6.92275467 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 102.1798589 | 200.5412647 |
| Major Operating Room | 140.17 | 10.4154097 | 34.5 | 22 | 0.0181368 | 0.00822 | 160.1369245 | 309.8685422 |
| Sub-Ster Room 2 | 22.7648 | 1.60302133 | 34.5 | 24 | 0.0181368 | 0.009293 | 20.70302052 | 42.52905367 |
| Jan.Clo. | 16.5352 | 1.16435367 | 34.5 | 24 | 0.0181368 | 0.009293 | 15.03762761 | 30.89095481 |
| Clean up room | 51.64 | 3.63631667 | 34.5 | 24 | 0.0181368 | 0.009293 | 46.96302975 | 96.4735175 |
| Sterile Instrument Supply Storage Area | 29.9136 | 2.106416 | 34.5 | 24 | 0.0181368 | 0.009293 | 27.20436264 | 55.88439607 |
| Anesthesia Office & Storage | 70.0828 | 4.93499717 | 34.5 | 24 | 0.0181368 | 0.009293 | 63.73548841 | 130.9282384 |
| DR-1 | 11.2 | 0.78866667 | 34.5 | 24 | 0.0181368 | 0.009293 | 10.18563 | 20.92376832 |
| DR-2 | 11.2 | 0.78866667 | 34.5 | 24 | 0.0181368 | 0.009293 | 10.18563 | 20.92376832 |
| DR-3 | 11.2 | 0.78866667 | 34.5 | 24 | 0.0181368 | 0.009293 | 10.18563 | 20.92376832 |
| Lounge Area | 165.2084 | 12.1152827 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 178.8215722 | 350.9605967 |
| Recovery Room | 187.8968 | 13.7790987 | 34.5 | 22.5 | 0.0181368 | 0.008481 | 203.3794963 | 399.1587174 |
| Recovery Room CR | 8.3604 | 0.5887115 | 34.5 | 24 | 0.0181368 | 0.009293 | 7.603209023 | 15.61884577 |
|  |  |  |  |  | **Total:** | | **5646.476982** | **11703.58128** |
|  |  |  |  |  | **Overall Total Load** | | **17350.05827** | |
|  |  |  |  |  |  |  |  |  |
| **THIRD FLOOR** | | | | | | | | |
| **Space** | **Volume** | **L/s** | **To** | **Ti** | **Wo** | **Wi** | **Qs** | **Ql** |
| 5-Bed Ward 1 | 137.1076 | 10.0545573 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 148.6465756 | 291.2737492 |
| 5-Bed Ward 1 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.5372277 | 19.55998036 |
| 5-Bed Ward 2 | 137.04 | 10.0496 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 148.5732864 | 291.1301386 |
| 5-Bed Ward 2 CR | 10.47 | 0.7678 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 11.3511552 | 22.2426485 |
| Waiting Area 1 | 149.6348 | 9.37295761 | 34.5 | 28 | 0.0181368 | 0.011816 | 75.05864455 | 177.7261371 |
| Waiting Area 2 | 149.6348 | 9.37295761 | 34.5 | 28 | 0.0181368 | 0.011816 | 75.05864455 | 177.7261371 |
| 5-Bed Ward 3 | 137.04 | 10.0496 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 148.5732864 | 291.1301386 |
| 5-Bed Ward 3 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.5372277 | 19.55998036 |
| 5-Bed Ward 4 | 137.04 | 10.0496 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 148.5732864 | 291.1301386 |
| 5-Bed Ward 4 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.5372277 | 19.55998036 |
| Isolation Room 1 | 40.5572 | 2.97419467 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 43.97049395 | 86.16041489 |
| Isolation Room 1 CR | 10.4888 | 0.73858633 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.554352808 | 19.59510238 |
| Private Room 1 | 55.6888 | 4.08384533 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 60.37556941 | 118.3062468 |
| Private Room 1 CR | 10.462 | 0.73669917 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.52994042 | 19.54503481 |
| Private Room 2 | 55.4952 | 4.069648 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 60.16567603 | 117.8949596 |
| Private Room 2 CR | 10.4744 | 0.73757233 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.541235704 | 19.56820041 |
| Chief Nurse | 122.848 | 9.00885333 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 133.1868877 | 260.9804091 |
| Chief Nurse CR | 10.5496 | 0.74286767 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.609736136 | 19.70868852 |
| Treatment Room | 71.7652 | 5.26278133 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 77.80495923 | 152.4592281 |
| Hallway | 91.316 | 5.71993278 | 34.5 | 28 | 0.0181368 | 0.011816 | 45.80522168 | 108.4589944 |
| Nurse Station CR | 9.66 | 0.680225 | 34.5 | 24 | 0.0181368 | 0.009293 | 8.7993906 | 18.04674405 |
| Dirty Utility | 19.1476 | 1.34831017 | 34.5 | 24 | 0.0181368 | 0.009293 | 17.44174032 | 35.77141164 |
| Clean Linen | 9.8324 | 0.69236483 | 34.5 | 24 | 0.0181368 | 0.009293 | 8.956431484 | 18.36882052 |
| Private Room 3 | 55.494 | 4.06956 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 60.16437504 | 117.8924103 |
| Private Room 3 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.5372277 | 19.55998036 |
| Private Room 4 | 55.5712 | 4.07522133 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 60.24807219 | 118.0564153 |
| Private Room 4 CR | 10.47 | 0.7372625 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.5372277 | 19.55998036 |
| Isolation Room 2 | 40.6864 | 2.98366933 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 44.11056742 | 86.43488959 |
| Isolation Room 2 CR | 10.4852 | 0.73833283 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.551073532 | 19.58837689 |
| Private Room 5 | 63.4476 | 4.652824 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 68.78735002 | 134.7891753 |
| Private Room 5 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Private Room 6 | 63.4476 | 4.652824 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 68.78735002 | 134.7891753 |
| Private Room 6 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| 3-Bed Ward 1 | 99.132 | 7.26968 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 107.4749491 | 210.5977298 |
| 3-Bed Ward 1 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| 3-Bed Ward 2 | 99.5636 | 7.30133067 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 107.9428726 | 211.5146283 |
| 3-Bed Ward 2 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Private Room 7 | 54.7252 | 4.01318133 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 59.33087283 | 116.2591583 |
| Private Room 7 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Private Room 8 | 55.0048 | 4.03368533 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 59.63400397 | 116.8531454 |
| Private Room 8 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Private Room 9 | 64.0448 | 4.69661867 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 69.43481037 | 136.0578773 |
| Private Room 9 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Private Room 10 | 64.0448 | 4.69661867 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 69.43481037 | 136.0578773 |
| Private Room 10 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Elevator | 35.8604 | 2.62976267 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 38.87841126 | 76.18245199 |
| Private Room 11 | 55.0048 | 4.03368533 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 59.63400397 | 116.8531454 |
| Private Room 11 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Private Room 12 | 55.0048 | 4.03368533 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 59.63400397 | 116.8531454 |
| Private Room 12 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Waiting Area | 93.9316 | 5.88377106 | 34.5 | 28 | 0.0181368 | 0.011816 | 47.11723861 | 111.5656279 |
| Private Room 13 | 43.0288 | 3.15544533 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 46.65010381 | 91.41112454 |
| Private Room 13 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Private Room 14 | 45.26 | 3.31906667 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 49.0690816 | 96.15112428 |
| Private Room 14 CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| Solarium 1 | 53.2332 | 3.903768 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 57.71330611 | 113.0895278 |
| Stretcher's Wheelchair Nook 1 | 44.3488 | 2.77795956 | 34.5 | 28 | 0.0181368 | 0.011816 | 22.24590012 | 52.67451763 |
| Stretcher's Wheelchair Nook 2 | 33.1 | 2.07334722 | 34.5 | 28 | 0.0181368 | 0.011816 | 16.60336456 | 39.31395063 |
| Solarium 2 | 53.87 | 3.95046667 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 58.4036992 | 114.4423567 |
| Water Tank 1 and 2 | 735.7752 | 51.810837 | 34.5 | 24 | 0.0181368 | 0.009293 | 670.2249874 | 1374.570053 |
| Chapel | 235.4404 | 14.7477251 | 34.5 | 28 | 0.0181368 | 0.011816 | 118.0997822 | 279.6402496 |
| Male Toilet | 69.7808 | 4.91373133 | 34.5 | 24 | 0.0181368 | 0.009293 | 63.56402853 | 130.3639997 |
| Female Toilet | 69.9224 | 4.92370233 | 34.5 | 24 | 0.0181368 | 0.009293 | 63.69301338 | 130.6285359 |
| Waiting Area | 174.3656 | 12.7868107 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 189.0402089 | 370.4252867 |
| Admitting | 43.6024 | 3.19750933 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 47.27197798 | 92.62969027 |
| Billing | 43.1324 | 3.16304267 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 46.76242278 | 91.63121416 |
| Cashier | 37.6652 | 2.76211467 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 40.83510323 | 80.01660023 |
| Personel's dining | 107.9832 | 7.603817 | 34.5 | 24 | 0.0181368 | 0.009293 | 98.36297671 | 201.7334547 |
| Personel's dining CR | 10.56 | 0.7436 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.6192096 | 19.72811772 |
| HALLWAY | 2512.0732 | 157.353474 | 34.5 | 28 | 0.0181368 | 0.011816 | 1260.08662 | 2983.671352 |
| Private Room 16 | 42.8 | 3.13866667 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 46.402048 | 90.92505787 |
| Private Room 16 CR | 10.4 | 0.73233333 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.473464 | 19.42920685 |
| Private Room 15 | 44.8 | 3.28533333 | 34.5 | 22.5 | 0.0181368 | 0.00848 | 48.570368 | 95.17389235 |
| Private Room 15 CR | 10.8 | 0.7605 | 34.5 | 24 | 0.0181368 | 0.009293 | 9.837828 | 20.17648404 |
|  |  |  |  |  | **Total** | | **5262.10372** | 11319.93168 |
|  |  |  |  |  | **Total Load** | | **16582.0354** | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Summary of Data** | | | |
|  | **QS** | **QL** | **Q** |
| FIRST FLOOR | 6335.215611 | 13463.22174 | 19798.4374 |
| SECOND FLOOR | 5646.476982 | 11703.58128 | 17350.0583 |
| THIRD FLOOR | 5262.10372 | 11319.93168 | 16582.0354 |
| TOTAL | **17243.79631** | **36486.73471** | **53730.531** |
|