



階段

幅	80.0 cm
踏面	25.0 cm
蹴上	80.0 cm
手摺	80.0 cm



採光補正係数
3.829/1.900 x 6-1.4 = 10.691 > 3.0

ALVS表

室名	床面積計算式	合計	採光面積計算式	合計	換気面積計算式	合計	排煙面積計算式	合計
事務室	6.500 x 1.700 = 11.050 4.500 x 2.000 = 9.000	20.050	1.650 x 1.300 x 3.0 = 6.435 1.650 x 1.300 x 0.637 = 1.366 1.650 x 1.300 x 0.704 = 1.510	9.311	1.650 x 1.300 x 2 x 1/2 = 2.145 判定 2.145 > 28.825/20 = 1.441 → OK	2.145	1.650 x 0.200 x 2 x 1/2 = 0.330 判定 0.330 > 28.825/50 = 0.576 → OK	0.330
経理コーナー	5.000 x 1.755 = 8.775	8.775	1.650 x 1.300 x 1/2 = 1.072	1.072	1.650 x 0.200 x 1/2 = 0.165 判定 1.072 > 8.775/20 = 0.438 → OK	0.165	1.650 x 0.200 x 1/2 = 0.165 判定 1.165 > 8.775/50 = 0.175 → OK	0.165
リビング1・キッチン	3.905 x 2.700 = 10.543 3.525 x 1.195 = 4.212 4.290 x 7.300 = 31.317 0.900 x 4.605 = 4.144	50.216	2.300 x 2.000 x 3.0 = 13.800 1.650 x 0.500 x 0.804 = 0.663 2.000 x 2.000 x 3.0 = 12.000	26.493	2.300 x 2.000 x 1/2 = 2.300 2.300 x 0.400 x 1/2 = 0.460 1.650 x 0.500 x 1/2 = 0.412 判定 3.708 > 50.216/20 = 2.510 → OK	3.708	2.300 x 0.200 x 1/2 = 0.230 2.300 x 0.400 x 1/2 = 0.460 1.650 x 0.500 x 1/2 = 0.412 判定 1.270 > 50.216/50 = 1.004 → OK	1.270
タタミの間	5.160 x 3.775 = 19.479 4.160 x 2.000 = 8.320	27.799	2.000 x 2.000 x 1/2 = 2.000 1.650 x 1.300 x 1/2 = 1.072 判定 26.493 > 78.015/7 = 11.145 → OK	3.072	2.000 x 0.400 x 1/2 = 0.400 1.650 x 0.400 x 1/2 = 0.330 判定 3.072 > 27.799/20 = 1.389 → OK	0.730	2.000 x 0.400 x 1/2 = 0.400 1.650 x 0.400 x 1/2 = 0.330 判定 0.730 > 27.799/50 = 0.555 → OK	0.730
リビング2	5.815 x 7.345 = 42.711 2.190 x 1.645 = 3.602 1.975 x 2.655 = 5.243 3.400 x 2.150 = 7.310	58.866	1.650 x 2.000 x 3.0 x 2 = 19.800 判定 19.800 > 58.866/7 = 8.409 → OK	19.800	1.650 x 2.000 x 2 x 1/2 = 3.300 判定 3.300 > 58.866/20 = 2.943 → OK	3.300	0.700 x 0.700 x 3 = 1.470 判定 1.470 > 58.866/50 = 1.177 → OK	1.470

室名	床面積計算式	合計	採光面積計算式	合計	換気面積計算式	合計	排煙面積計算式	合計
寝室1	3.400 x 5.040 = 17.136 1.700 x 1.035 = 1.759	18.895	1.650 x 2.000 x 3.0 x 2 = 19.800 判定 19.800 > 18.895/7 = 2.699 → OK	19.800	1.650 x 2.000 x 2 x 1/2 = 3.300 判定 3.300 > 18.895/20 = 0.944 → OK	3.300	1.650 x 0.400 x 2 x 1/2 = 0.660 判定 0.660 > 18.895/50 = 0.377 → OK	0.660
寝室2	3.400 x 2.925 = 9.945	9.945	1.650 x 2.000 x 3.0 = 9.900 判定 9.900 > 9.945/7 = 1.420 → OK	9.900	1.650 x 2.000 x 1/2 = 1.650 判定 1.650 > 9.945/20 = 0.497 → OK	1.650	1.650 x 0.400 x 1/2 = 0.330 判定 0.330 > 9.945/50 = 0.198 → OK	0.330
寝室3	3.400 x 2.550 = 8.670	8.670	1.650 x 2.000 x 3.000 = 9.900 判定 9.900 > 8.670/7 = 1.238 → OK	9.900	1.650 x 2.000 x 1/2 = 1.650 判定 1.650 > 8.670/20 = 0.433 → OK	1.650	1.650 x 0.400 x 1/2 = 0.330 判定 0.330 > 8.670/50 = 0.173 → OK	0.330
宿直室	1.685 x 3.050 = 5.139 1.050 x 1.350 = 1.417 0.900 x 1.000 = 0.900	7.456	1.650 x 1.100 x 3.000 = 5.445 判定 5.445 > 7.456/7 = 1.065 → OK	5.445	1.650 x 1.100 x 1/2 = 0.907 判定 0.907 > 7.456/20 = 0.372 → OK	0.907	1.650 x 0.400 x 1/2 = 0.330 判定 0.330 > 7.456/50 = 0.149 → OK	0.330
休憩室	1.835 x 2.405 = 4.413 0.900 x 1.405 = 1.264	5.677	1.650 x 1.100 x 3.0 = 5.445 判定 5.445 > 5.677/7 = 0.811 → OK	5.445	1.650 x 1.100 x 1/2 = 0.907 判定 0.907 > 5.677/20 = 0.283 → OK	0.907	1.650 x 0.400 x 1/2 = 0.330 判定 0.330 > 5.677/50 = 0.113 → OK	0.330

消防活動上有効な開口面積算定式
 1階 1.65 x 1.3 = 2.145
 2.3 x 2.0 = 4.6
 2.145 + 4.6 = 6.745 > 172.70/30 = 5.756 ∴ 有窓階
 2階 1.6 x 2.0 x 4 = 12.80
 12.80 > 153.5/30 = 5.11 ∴ 有窓階