

LAMPIRAN

PUSAT INFORMASI OBAT TRADISIONAL DI SEMARANG

PROYEK AKHIR ARSITEKTUR 51

KEBUTUHAN LUAS PARKIR

PENGELOLA DAN KARYAWAN

Jumlah pengelola dan karyawan = 106 orang
 Pemakaian MOBIL = 25 % = 25% x 106 = 26,25 ~ 27 mobil
KEBUTUHAN LAHAN = 27 x 15 m² = 405 m²

Pemakaian MOTOR = 50% = 50% x 106 = 53 motor

KEBUTUHAN LAHAN = 53 X 2 m² = 106 m²

Asumsi 25 % lainnya tidak membawa kendaraan (naik angkutan / diantar, dll)

PENGUNJUNG

Jumlah pengunjung = 279 orang ~ 280 orang

Pemakaian MOBIL = 25 % = 25% x 280 = 70 mobil

KEBUTUHAN LAHAN = 70 X 15 m² = 1050 m²

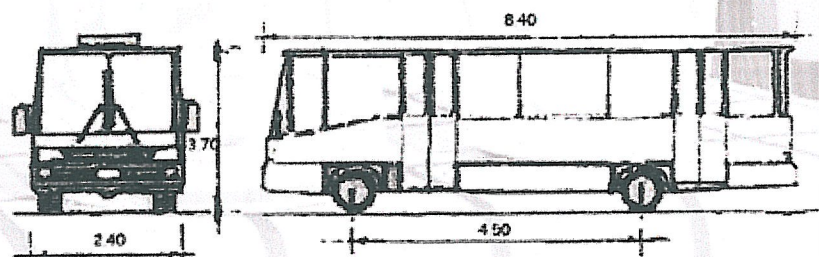
Pemakaian MOTOR = 50 % = 50% x 280 = 140 motor

KEBUTUHAN LAHAN = 140 x 2 m² = 280 m²

Asumsi 25 % pengunjung lainnya tidak membawa kendaraan (naik angkutan / diantar, dll)

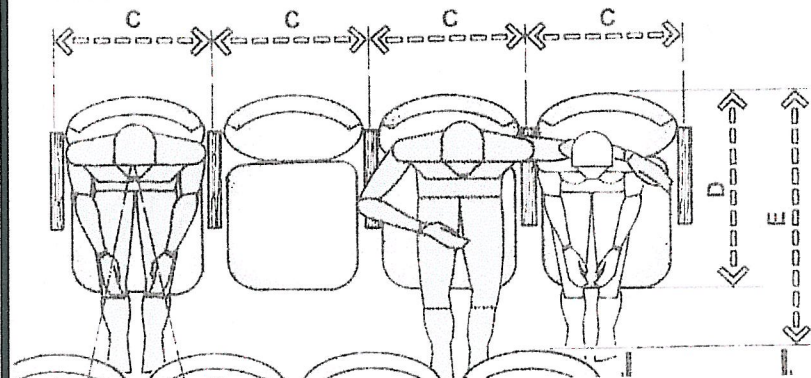
PARKIR BUS

Asumsi menampung 4 buah microbus



38,5 m² x 4 = 154 m²
 Flow area 100% = 154 m²
308 m²

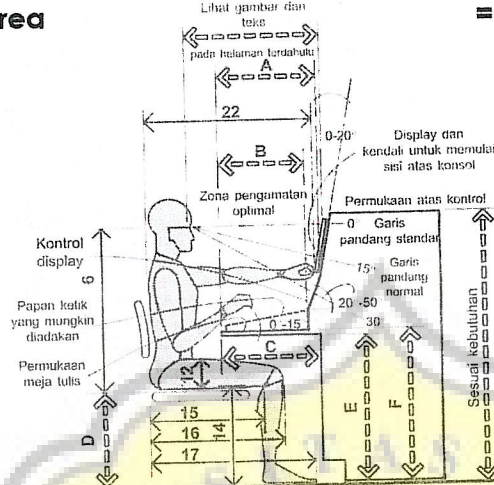
KEBUTUHAN RUANG AUDIOVISUAL



Kebutuhan ruang untuk 1 orang duduk = 1 m x 0.6 m = **0,6 m²**
 Kapasitas ruang audiovisual = **150 orang**

KEBUTUHAN RUANG (150 ORANG) = 150 x 0,6 m² = 90 m²
 Flow Area = 100 % = **90 m²**
180 m²

Kebutuhan ruang proyektor (per orang) = **0,3 m²**
KEBUTUHAN RUANG (2 orang) = 2 x 0,3 = 0,6 m²
 Flow Area = 50 % = **0,3 m²**
0,9 m²



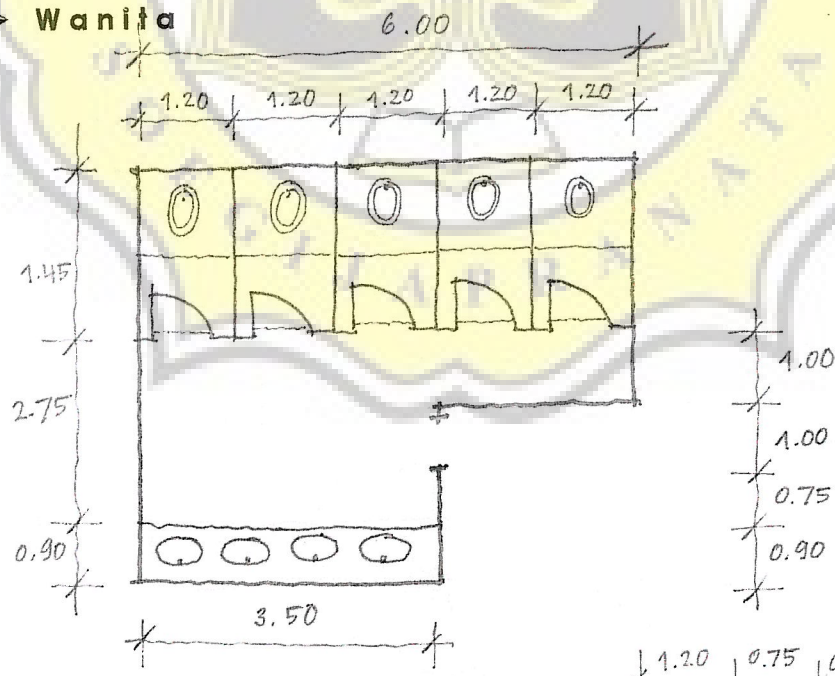
PEDOMAN PERANCANGAN/KONSOL DISPLAY POS KERJA
 Adapted from Human Engineering Guide to Equipment Design, p. 393.

Kebutuhan ruang untuk podium (per orang) = **0,3 m²**
KEBUTUHAN RUANG UNTUK 10 ORANG = 10 X 0,3 m² = 3 m²
 Flow Area = 50 % = **1,5 m²**
4,5 m²

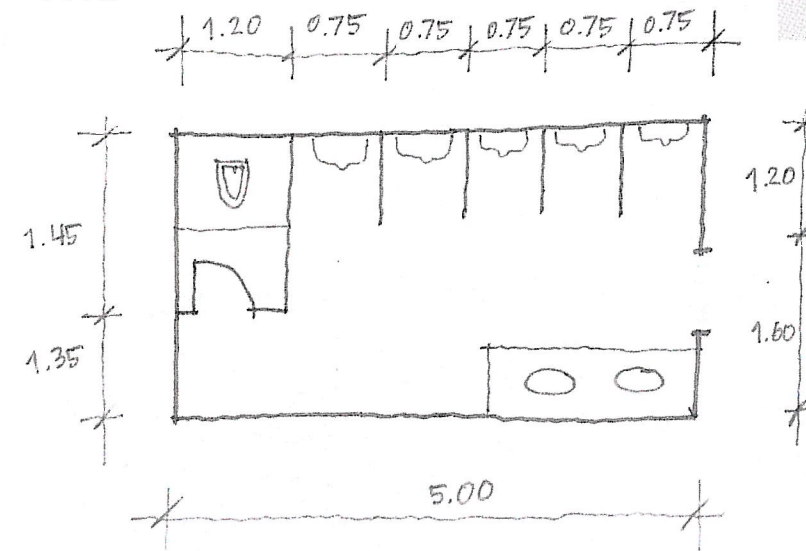
TOTAL KEBUTUHAN LUAS RUANG AUDIOVISUAL = 180 m² + 0,9 m² + 4,5 m² = 185,4 m² ~ 186 m²

KEBUTUHAN RUANG LAVATORY

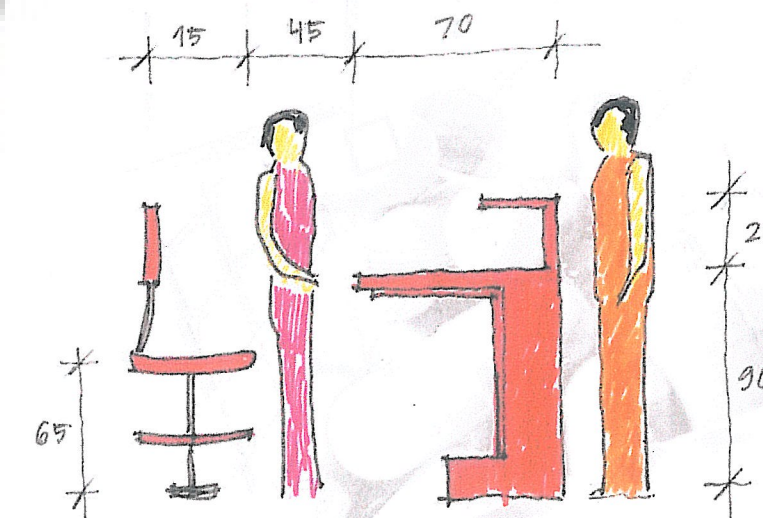
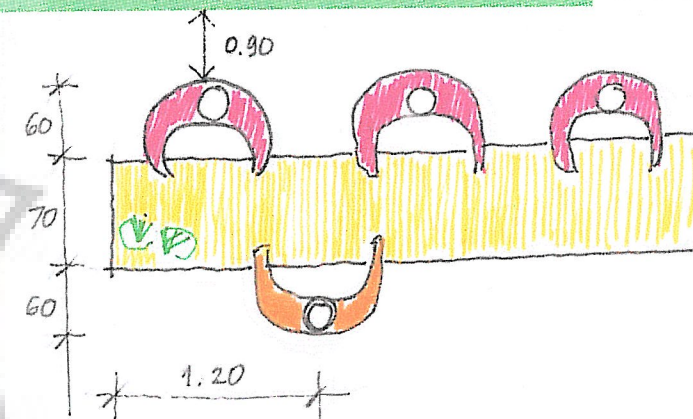
Wanita



Pria

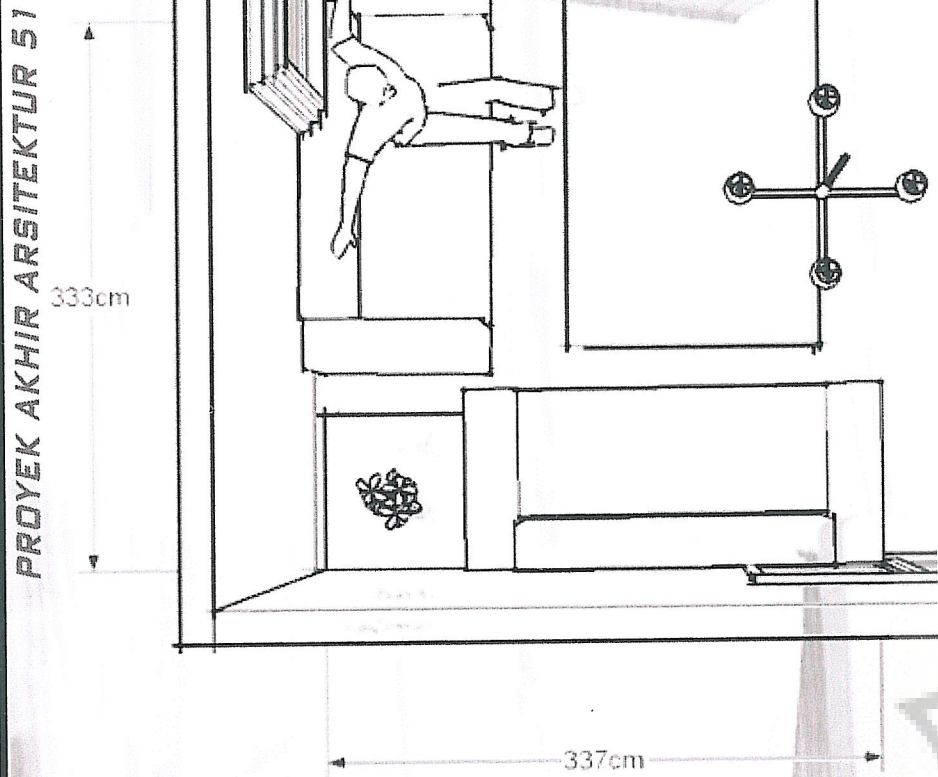


KEBUTUHAN RUANG PENERIMA



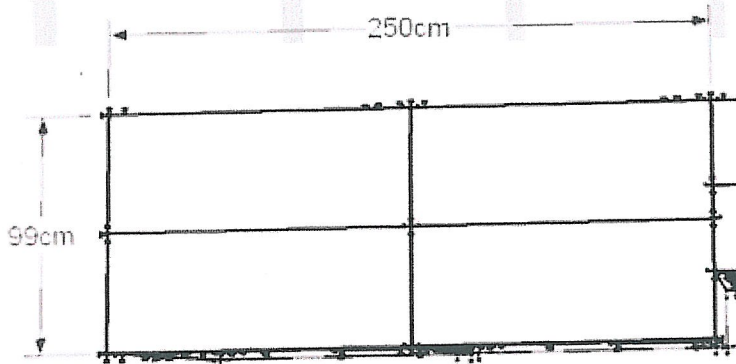
PUSAT INFORMASI OBAT TRADISIONAL DI SEMARANG

KEBUTUHAN RUANG TUNGGU

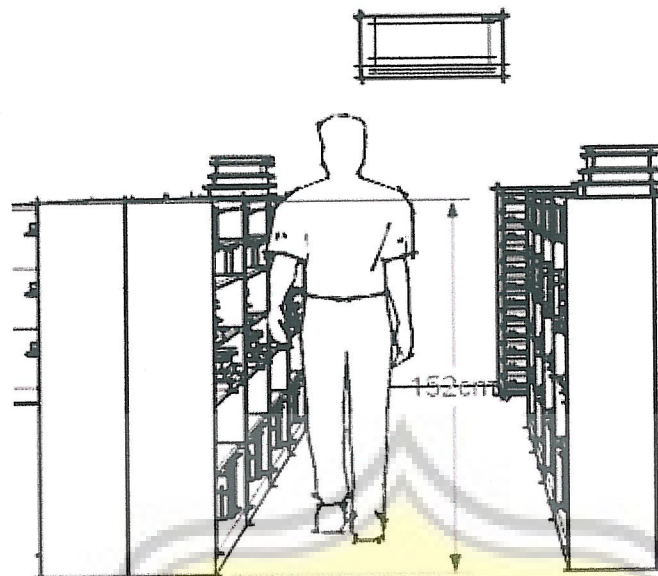


KEBUTUHAN RUANG KOLEKSI BUKU

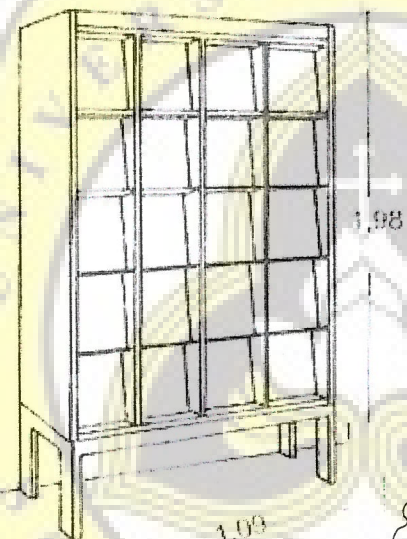
Lemari Buku



1 rak buku → 2,50 m x 1,00 m = 2,5 m
 8 rak buku → 2,50 m x 8 = 20 m

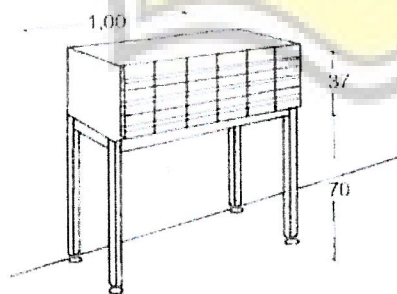


Lemari Majalah



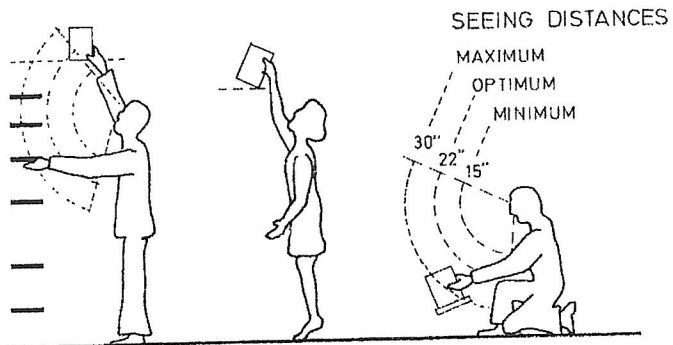
Rak/lemari majalah
 1,09 m x 0,6 m = 0,65 m

Rak Katalog



1,00 m x 0,60 m = 0,60 m

MAXIMUM REACH	(81")	2060
MAX SHELF HEIGHT	(72")	1830
	(66")	1680
BROWSING SHELVES	(54")	1370
	(42")	1070
MINIMUM HEIGHT TO AVOID SQUATTING	(24")	610
SQUATTING POSITION	(12")	300



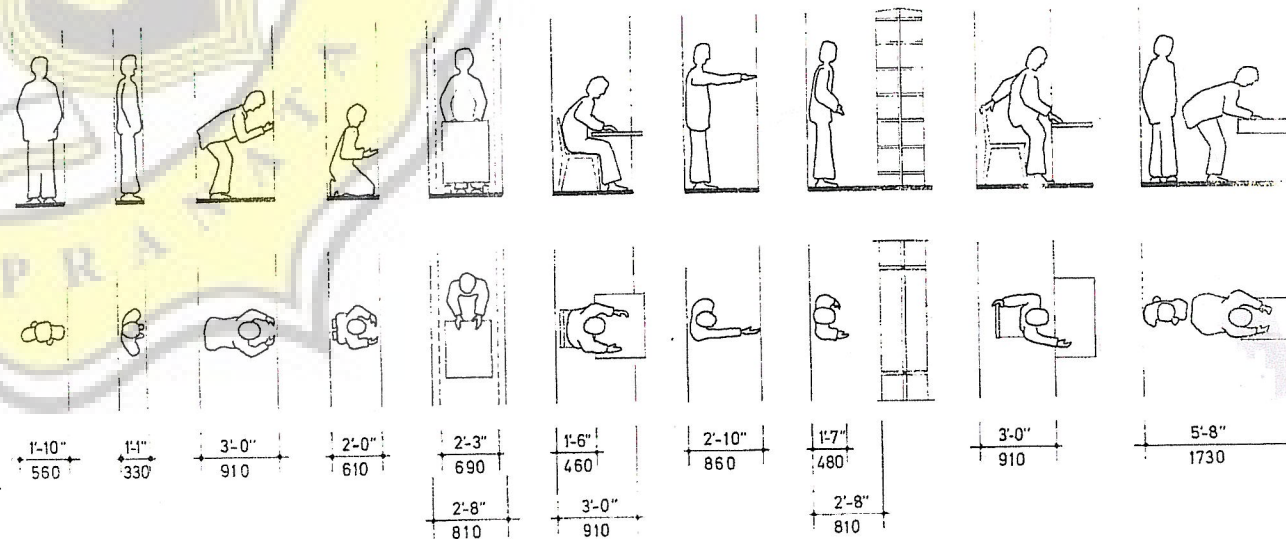
highest shelf	(66")	1680
browsing shelves optimum	(51")	1300
	(39")	990
min shelf height for no squatting	(24")	610
squatting shelves	(9")	230

(24") 610 table height
(15") 380 seat height

highest shelf	(45")	1140
browsing shelves	(36")	910
	(26")	660
min for no squatting	(18")	460
squatting shelves	(4")	100

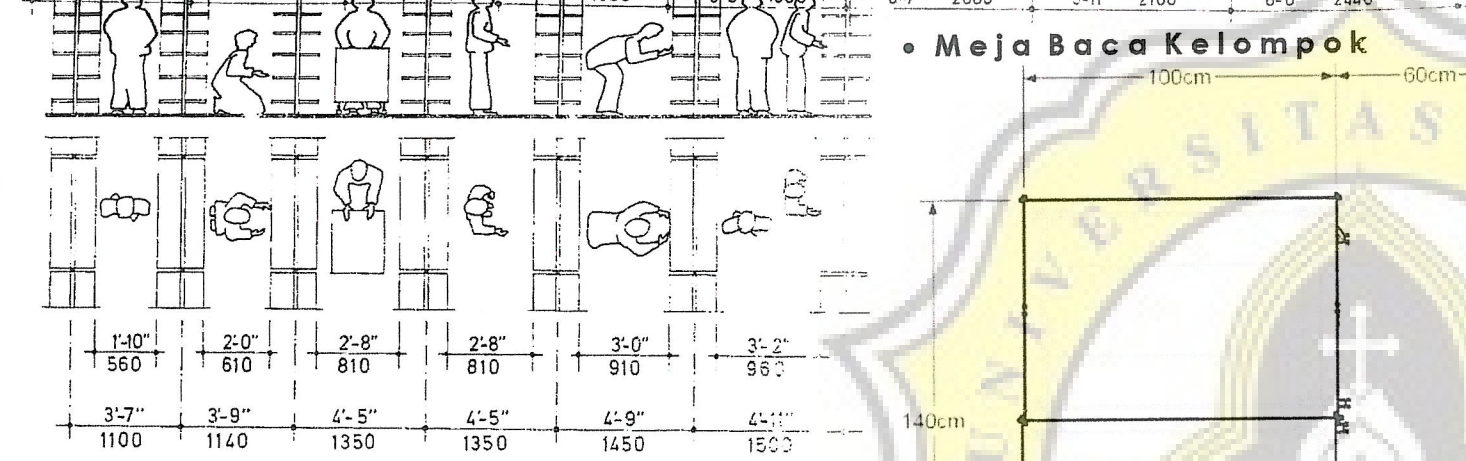
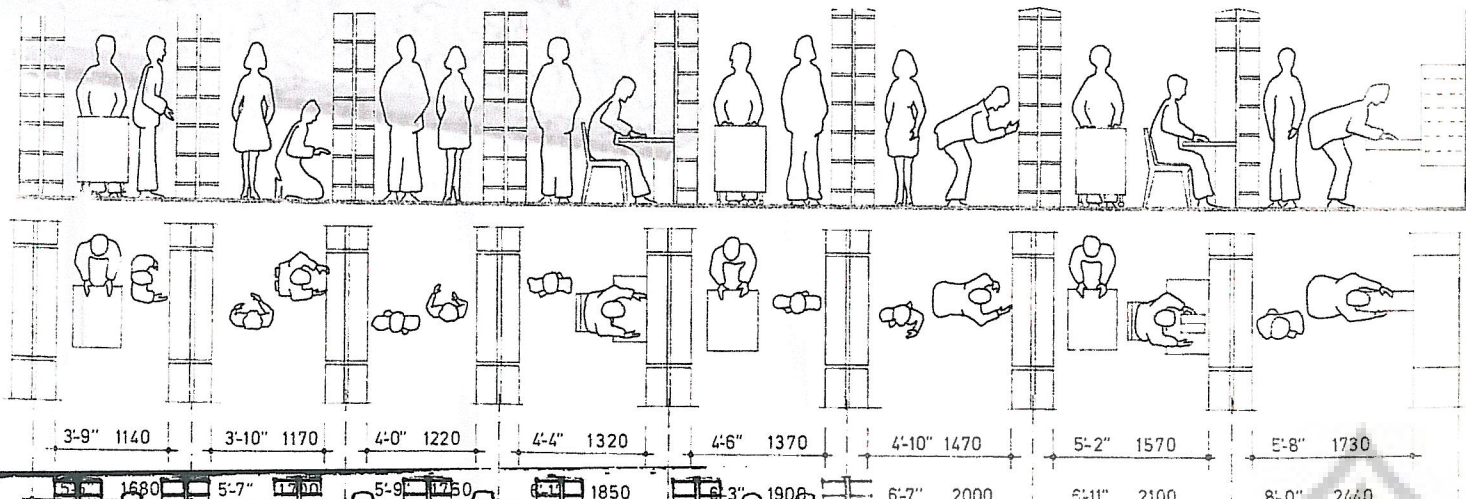
(20") 510 table height
(11") 280 seat

Optimum shelving conditions for adults (top) teenagers (centre) and children (bottom)

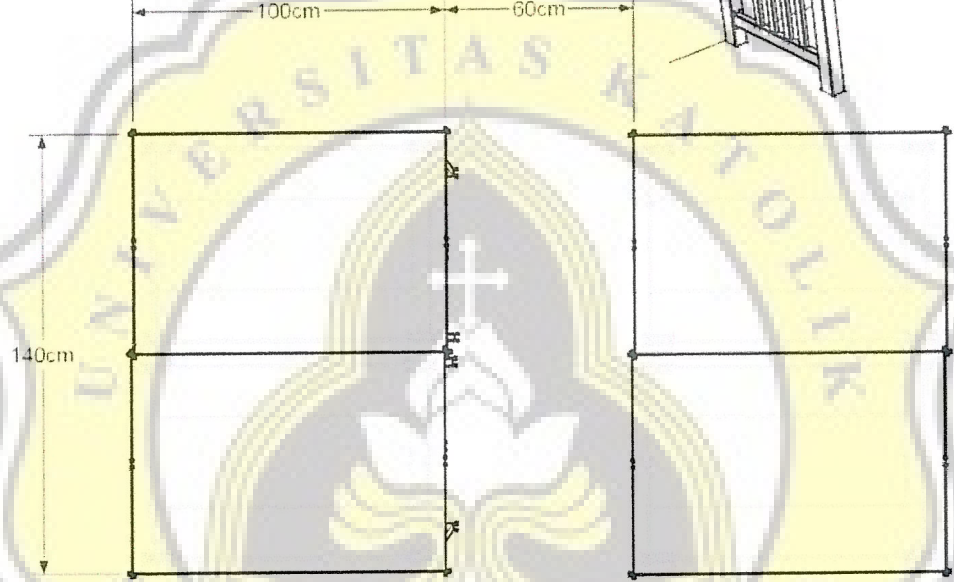


This page and facing page: Minimum clearances for various attitudes in shelving areas

• Meja Kerja Perorangan

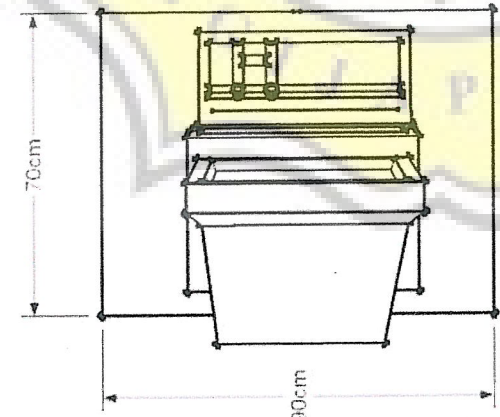


• Meja Baca Kelompok



1 meja baca = 1,4 m x 1,6 m = 2,24 m²
 10 meja baca = 10 x 2,24 m² = 22,4 m²

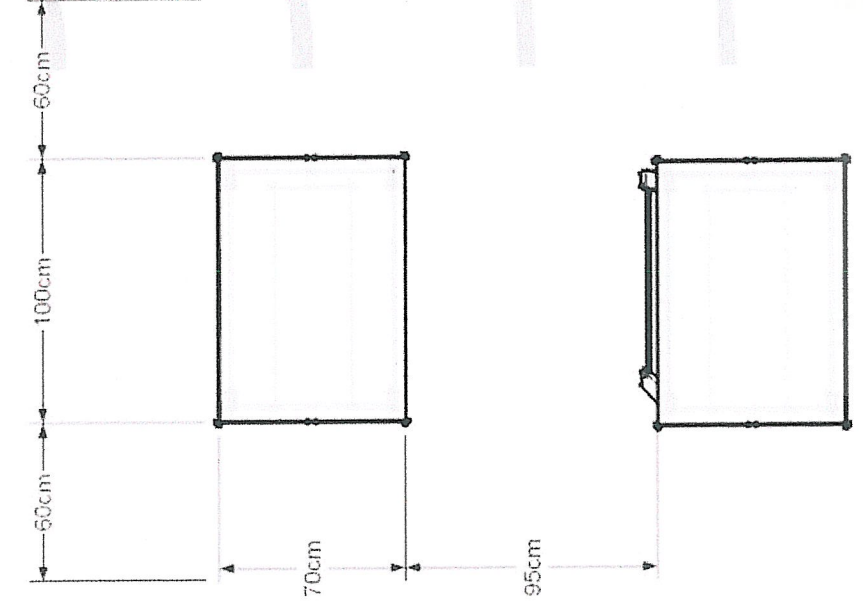
• Ruang Komputer



1 meja = 0,9 m x 0,7 m = 0,63 m²
 4 meja = 4 x 0,63 m² = 2,52 m²

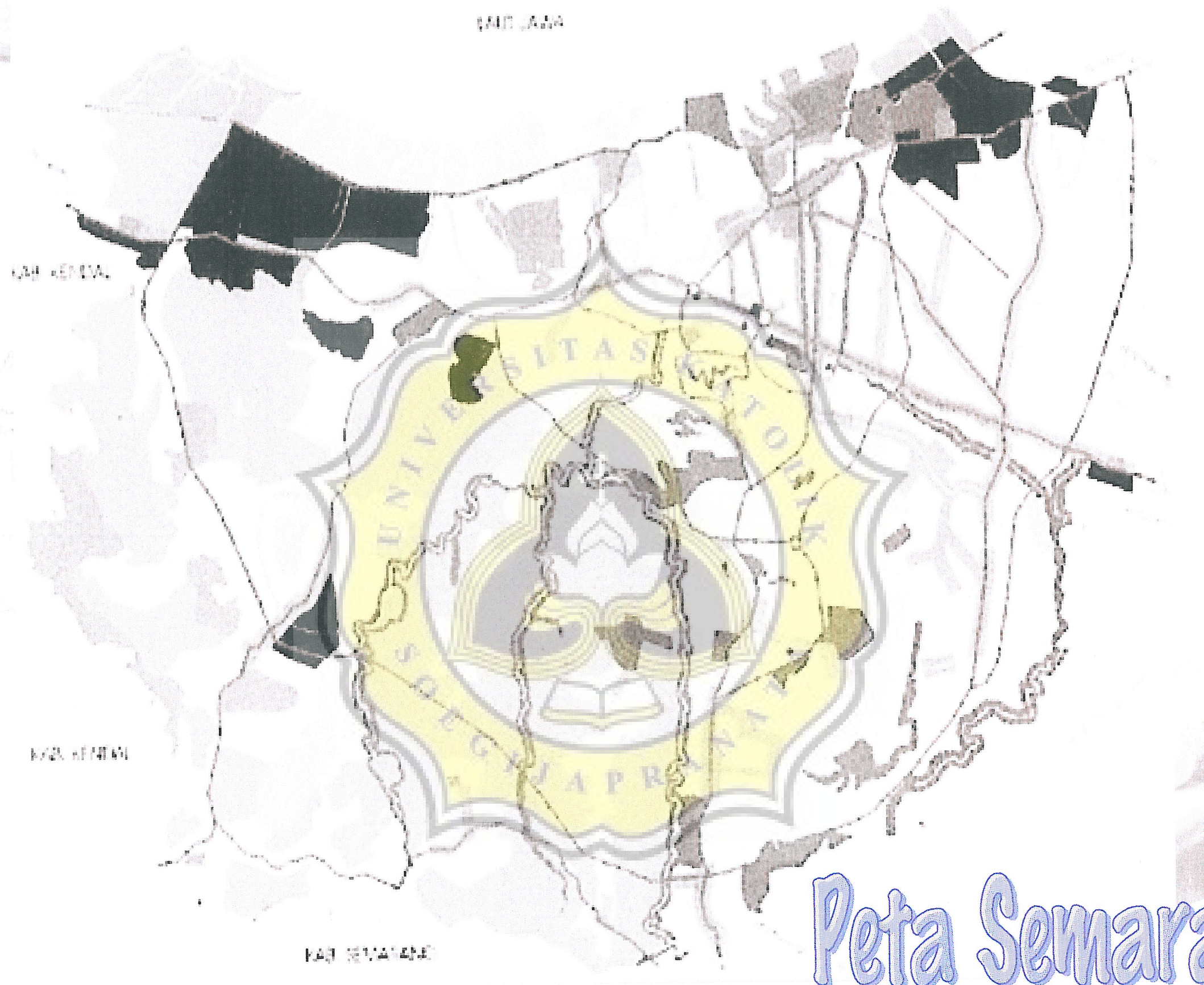
KEBUTUHAN RUANG BACA

• Meja Baca Perorangan



1 meja baca = 2,2 m x 1,65 m = 3,63 m²
 20 meja baca = 20 x 3,63 m² = 72,6 m²

PROYEK AKHIR ARSITEKTUR 51



PUSAT INFORMASI OBAT TRADISIONAL DI SEMARANG



Peta Semarang

PROYEK AKHIR ARSITEKTUR 51

PUSAT INFORMASI OBAT TRADISIONAL DI SEMARANG

Peta BWK Semarang

