

LAMPIRAN 1.**PERHITUNGAN BESARAN RUANG.**

Standart besaran ruang diambil dari Neufert Architec data dan Housing for the Eldery

a. Standar unit pengelola

Ruang Pimpinan 25 m²/org

Ruang Kantor 8 m²/org

Ruang Rapat 1,5-2 m²/org

Ruang Perpustakaan 0,5 m²/org

b. Standart unit hunian lanjut usia

Ruang duduk 2,5 m²/org

Ruang makan 3,15 m²/org

Ruang tidur 7,2 m²/org

Ruang lavatory 6,8 m²/ 10 org

Ruang pantry 3,7 m²/ 10 org

c. Standart unit hunian kepala wisma

Ruang tamu 1,8 m²/org

Ruang tidur m²/org

Ruang makan 1,8 m²/org

Ruang pantry 3,7 m²/org

Ruang lavatory 4,6 m²/15 org

d. Standar hunian tamu

Ruang tidur 10-15 m²/20 org

Ruang lavatory 6-8 m²/8 org

e. Standar unit pelayanan perawatan

Ruang pantry 0,6 m²/org

Ruang pimpinan wisma 0,5 m²/org

Ruang dapur pusat 1,6 m²/org

Ruang cuci 0,6 m²/org

Ruang seterika 0,5 m²/org

Ruang isolasi 20 m²/50 org

Ruang gudang 6-8 m²/ 15 org

Ruang serba guna 1,5-2 m²/org

Perhitungan

1). Unit hunian lanjut usia

- Ruang tamu, 125 klien

$$125 \times 2,5 \text{ m}^2/\text{org} = 312,5 \text{ m}^2$$

- Ruang makan, 125 klien

$$125 \times 3,15 \text{ m}^2/\text{org} = 393,75 \text{ m}^2$$

- Ruang tidur, 125 klien

$$125 \times 7,2 \text{ m}^2/\text{org} = 900 \text{ m}^2$$

- Ruang lavatory, 125 klien

$$12,5 \times 8 \text{ m}^2/\text{org} = 100 \text{ m}^2$$

- Ruang pantry 125 klien

$$125 \times 3,7 \text{ m}^2/\text{org} = 46,25 \text{ m}^2$$

$$\text{Luas} = 1752,5 \text{ m}^2 +$$

$$\text{Sirkulasi } 15 \% \times 1752,5 = 262,9 \text{ m}^2$$

$$\text{Total luas} = 2.015,5 \text{ m}^2 +$$

2). Unit Pelayanan perawatan hunian

- Ruang piket (asumsi) = 30 m²

- Ruang kepala wisma, 125 org

$$125 \times 0,5 \text{ m}^2/\text{org} = 62,5 \text{ m}^2$$

- Ruang pantry, 125 org

$$125 \times 0,6 \text{ m}^2/\text{org} = 75 \text{ m}^2$$

$$\text{Luas} = 167,5 \text{ m}^2 +$$

$$\text{Sirkulasi } 15 \% \times 217,3 \text{ m}^2 = 32,6 \text{ m}^2$$

$$\text{Total luas} = 200,1 \text{ m}^2 +$$

3). Unit kegiatan hunian karyawan

- Ruang tamu, 8 orang

$$8 \times 1,8 \text{ m}^2/\text{org} = 14,4 \text{ m}^2$$

- Ruang makan, 8 orang

$$8 \times \text{m}^2/\text{org} = 14,4 \text{ m}^2$$

- Ruang keluarga, 8 orang

$$8 \times 1,8 \text{ m}^2/\text{org} = 14,4 \text{ m}^2$$

- Ruang tidur, 8 orang

$$8 \times 4,5 \text{ m}^2/\text{org} = 36 \text{ m}^2$$

- Ruang dapur, asumsi

$$8 \times \text{m}^2/\text{org} = 9 \text{ m}^2$$

$$8 \times \text{m}^2/\text{org} = 14,4 \text{ m}^2$$

- Ruang lavatory, 8 orang		
8 x 4,6 m ² /org	=	7,36 m ²
- Ruang gudang, asumsi	=	7 m ²
Luas	=	102,56 m ²

4). Unit kegiatan pengelola

- Ruang entrance asumsi,	=	20 orang
- Ruang tamu. asumsi	=	20 orang
- Ruang pimpinan wisma 1 orang		
1.25	=	25 m ²
- Ruang perpustakaan, 125 orang		
125 x 0,5 m ² /org	=	62,5 m ²
- Ruang rapat, 10 orang		
10 x 4,5 m ² /org	=	20 m ²
- Ruang gudang, asumsi	=	6 m ²
- Ruang lavatory 10 orang		
2 x 4,5 m ² /org	=	9 m m ²
Luas	=	210,5 m ²
Sirkulasi 15 % x 210,5	=	31,6 m ²
Total luas	=	242,1 m ²

5). Unit pelayanan pendukung pembinaan

- Ruang serba guna, 125 orang		
125 x 2 m ² /or g	=	14,4 m ²
- Ruang mushola, asumsi	=	36 m ²
Luas	=	286 m ²

6). Unit pelayanan service

- Parkir pengunjung, asumsi	=	15 m ²
- Parkir staf, asumsi	=	15 m ²
- Ruang garasi , asumsi	=	15 m ²
- Ruang gardu jaga, asumsi	=	9 m ²
- Ruang generator, asumsi	=	15 m ²
- Ruang mekanikal, asumsi	=	15 m ²
Luas	=	84 m ²
- Sirkulasi 15% x 84 m ²	=	12,6 m ²
Total luas	=	96 m ²

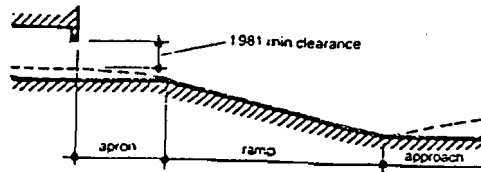
7). Unit kegiatan pelayanan pusat

- Ruang dapur, 125 orang		
125 x 0,6 m ² /org	=	200 m ²
- Ruang cuci, 125 orang		
125 x 0,6 m ² /org	=	75 m ²
- Ruang seterika, 125 orang		
125 x 0,5 m ² /org	=	62,5 m ²
- Ruang klinik kesehatan,	=	30 m ²
standart		
- Ruang isolasi, standart	=	49 m ²
- Ruang gudang, 125 orang		
8,3 x 8 m ² /org	=	66,4 m ²
		+
Luas	=	532,9
Sirkulasi 15% x 532,9	=	79,9
		+
Total luas	=	612,6 m ²
Jadi luas total wisma pelayanan dan perawatan lanjut usia,		
1. Unit hunian lanjut usia	=	2.015,4 m ²
2. Unit pelayanan dan	=	200,1 m ²
3. Unit kegiatan hunian	=	102,56 m ²
karyawan		
4. Unit kegiatan pengelola	=	242,1 m ²
5. Unit pelayanan pendukung	=	286 m ²
pembinaan		
6. Unit pelayanan umum	=	96 m ²
7. Unit kegiatan pelayanan	=	612,96 m ²
pusat.		
		+
Total	=	3.555,96 m ²

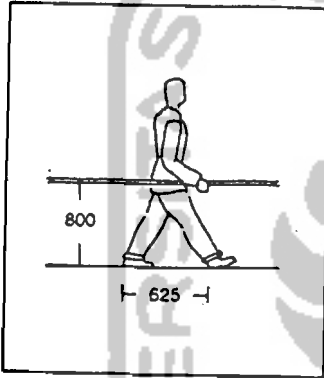
LAMPIRAN 2. GAMBAR

ramp	approach	apron
4%	0-4%	0-2%
5%	0-3%	0-2%
6%	0-2%	0-2%
7%	0-1%	0-1%
8%	0%	0%

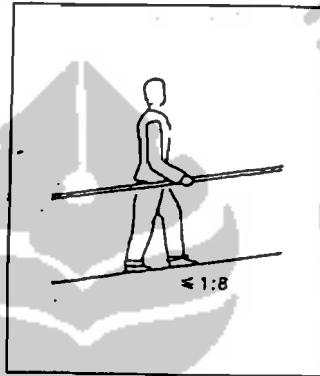
Road to gar ramps



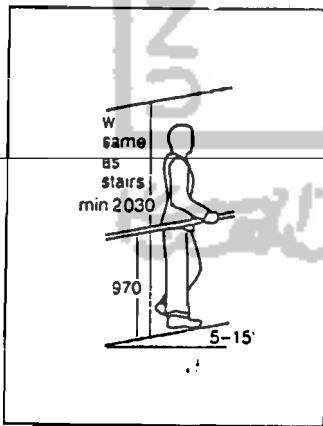
WALKING SPEEDS & FLOW CAPACITY



1 Normal pace of male adult on horizontal plane



2 On ramp pace reduced: desirable slope 10%-8%



3 Ramp: USA dimensions

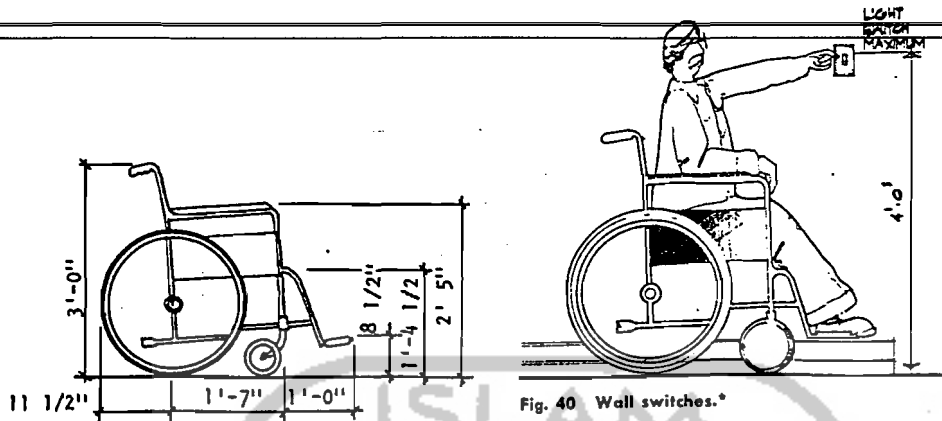


Fig. 40 Wall switches.*

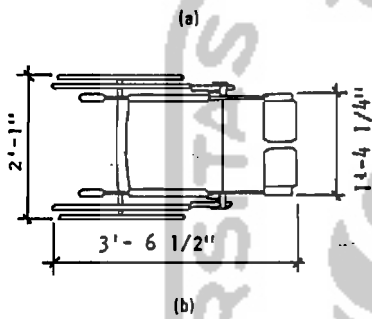


Fig. 38 (a) Side view of standard adult wheelchair. (b) Plan view of standard adult wheelchair. Source: "An Illustrated Handbook of the Handicapped Section of the North Carolina Building Code," Raleigh, 1977.

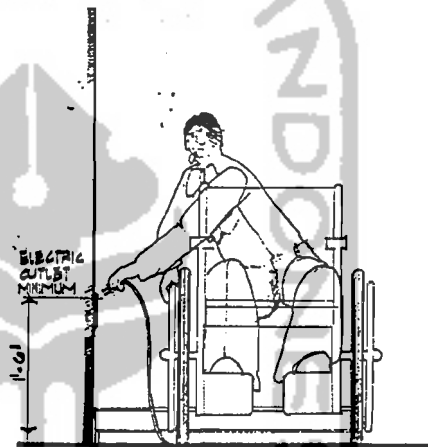


Fig. 41 Electrical outlets.

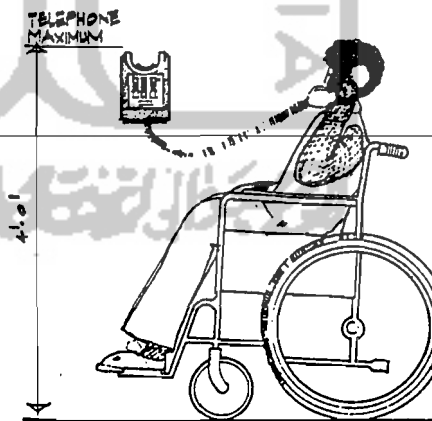


Fig. 42 Telephones.

Figures 40-42 from "Handbook for Design: Specially Adapted Housing," VA Pamphlet 26-13, Veterans Administration, Washington, D.C., 1978.

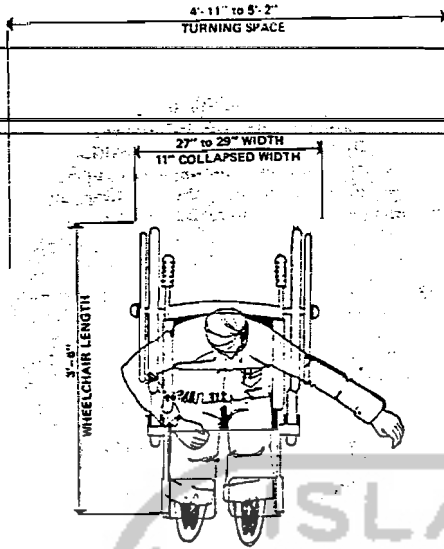


Fig. 9 Wheelchair dimensions.*

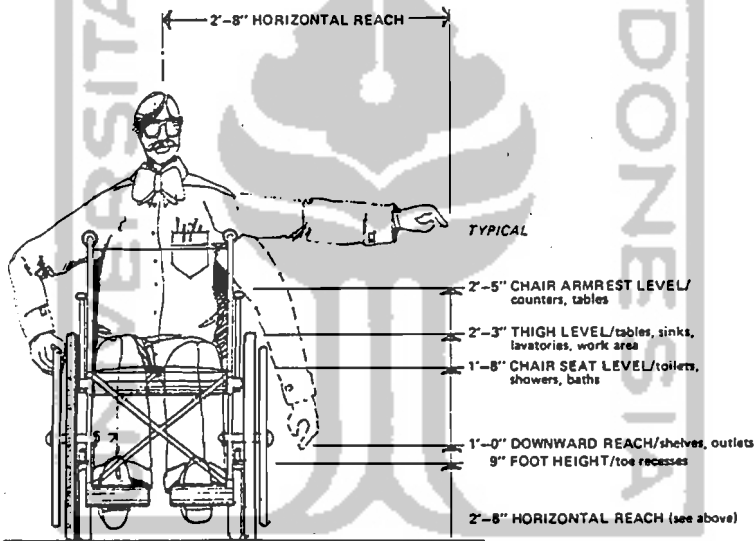


Fig. 8 Typical dimensions.*

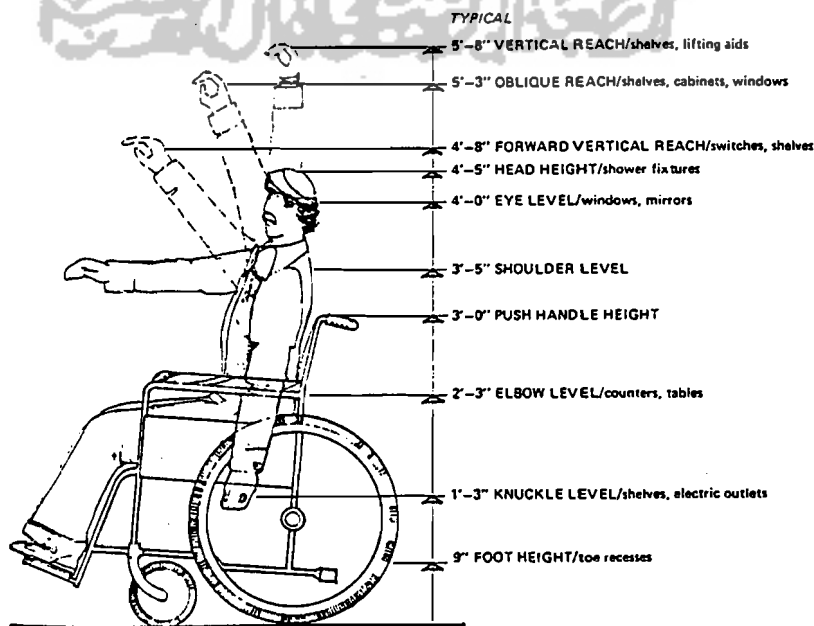
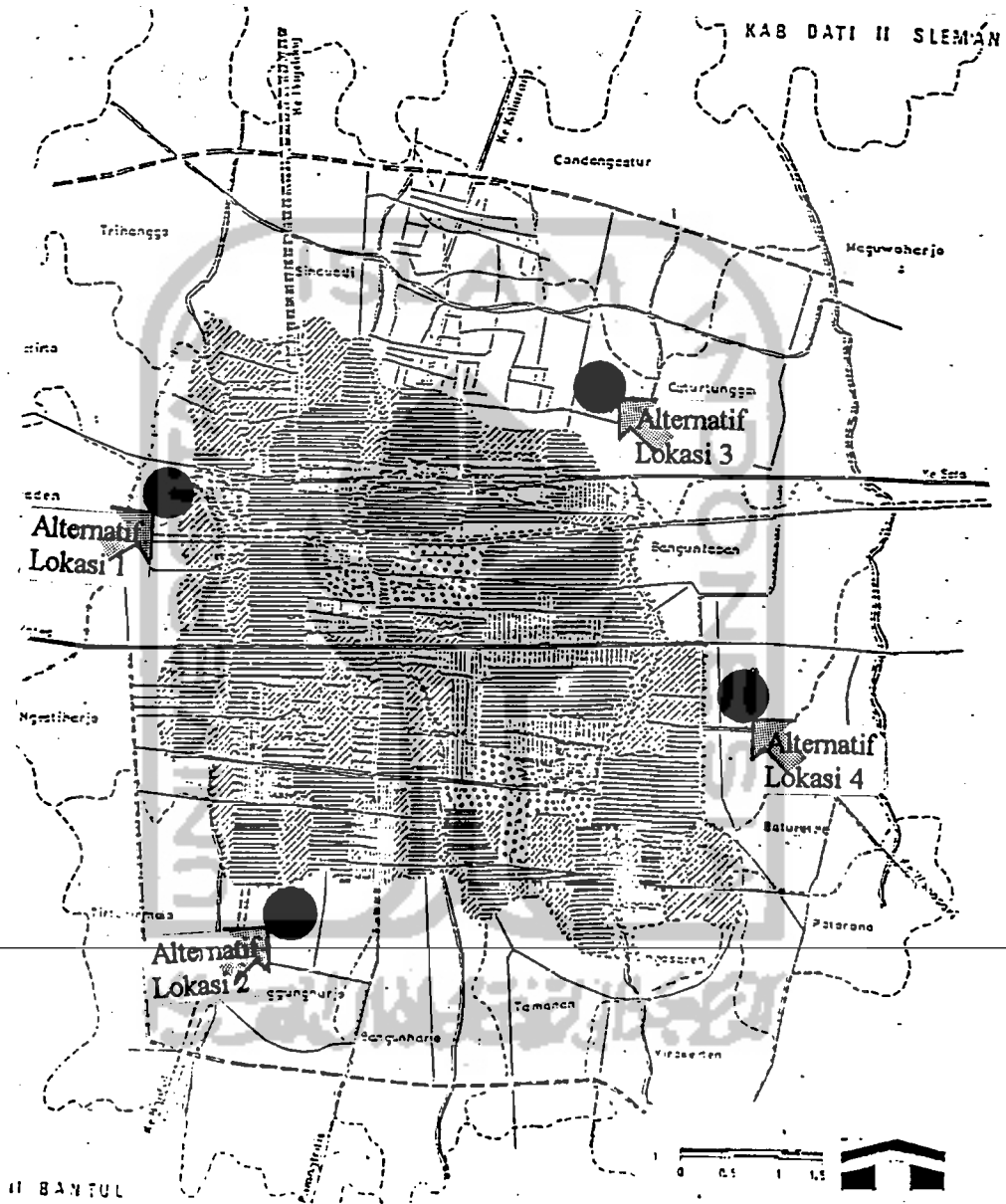


Fig. 10 Typical dimensions.*

Gambar Peta Pemilihan Lokasi

- Alt. 1. Lokasi Wil. Bagian Barat
- Alt. 2. Lokasi Wil. Bagian Selatan
- Alt. 3. Lokasi Wil. Bagian Timur
- Alt. 4. Lokasi Wil. Bagian Utara



DI BANTUL

Gambar Peta

**Lokasi Terpilih Wil. Bagian Barat
dengan Alternatif Lokasi Site**

