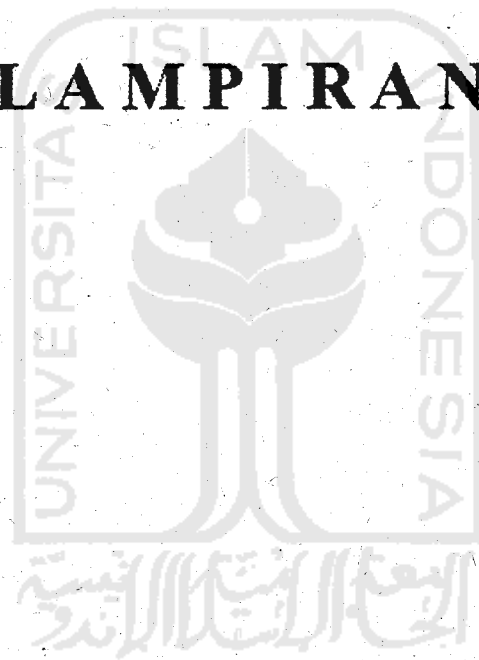


# LAMPIRAN



**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 m<sup>2</sup>/org

Ruang Kantor 8 m<sup>2</sup>/org

Ruang Rapat 1,5-2 m<sup>2</sup>/org

Ruang Perpustakaan 0,5 m<sup>2</sup>/org

**b. Standart unit hunian lanjut usia**

Ruang duduk 2,5 m<sup>2</sup>/org

Ruang makan 3,15 m<sup>2</sup>/org

Ruang tidur 7,2 m<sup>2</sup>/org

Ruang lavatory 6,8 m<sup>2</sup>/ 10 org

Ruang pantry 3,7 m<sup>2</sup>/ 10 org

**c. Standart unit hunian kepala wisma**

Ruang tamu 1,8 m<sup>2</sup>/org

Ruang tidur m<sup>2</sup>/org

Ruang makan 1,8 m<sup>2</sup>/org

Ruang pantry 3,7 m<sup>2</sup>/org

Ruang lavatory 4,6 m<sup>2</sup>/15 org

**d. Standar hunian tamu**

Ruang tidur 10-15 m<sup>2</sup>/20 org

Ruang lavatory 6-8 m<sup>2</sup>/8 org

**e. Standar unit pelayanan perawatan**

Ruang pantry 0,6 m<sup>2</sup>/org

Ruang pimpinan wisma 0,5 m<sup>2</sup>/org

Ruang dapur pusat 1,6 m<sup>2</sup>/org

Ruang cuci 0,6 m<sup>2</sup>/org

Ruang seterika 0,5 m<sup>2</sup>/org

Ruang isolasi 20 m<sup>2</sup>/50 org

Ruang gudang 6-8 m<sup>2</sup>/15 org

Ruang serba guna 1,5-2 m<sup>2</sup>/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  
 $125 \times 3,7 \text{ m}^2/\text{org} = 46,25 \text{ m}^2$
- 
- Luas = 1752,5 m<sup>2</sup> +  
 Sirkulasi 15 % x 1752,5 = 262,9 m<sup>2</sup>
- 
- Total luas = 2.015,5 m<sup>2</sup>
- 2). Unit Pelayanan perawatan hunian
- Ruang piket (asumsi) = 30 m<sup>2</sup>
  - Ruang kepala wisma, 125 org  
 $125 \times 0,5 \text{ m}^2/\text{org} = 62,5 \text{ m}^2$
  - Ruang pantry , 125 org  
 $125 \times 0,6 \text{ m}^2/\text{org} = 75 \text{ m}^2$
- 
- Luas = 167,5 m<sup>2</sup> +  
 Sirkulasi 15 % x 217,3 m<sup>2</sup> = 32,6 m<sup>2</sup>
- 
- Total luas = 200,1 m<sup>2</sup>
- 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 = 9 m<sup>2</sup>  
 $8 \times \text{m}^2/\text{org} = 14,4 \text{ m}^2$

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

## 4). Unit kegiatan pengelola

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

## 5). Unit pelayanan pendukung pembinaan

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

## 6). Unit pelayanan service

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

## 7). Unit kegiatan pelayanan pusat

- Ruang dapur, 125 orang		
125 x 0,6 m <sup>2</sup> /org	=	200 m <sup>2</sup>
- Ruang cuci, 125 orang		
125 x 0,6 m <sup>2</sup> /org	=	75 m <sup>2</sup>
- Ruang seterika, 125 orang		
125 x 0,5 m <sup>2</sup> /org	=	62,5 m <sup>2</sup>
- Ruang klinik kesehatan,	=	30 m <sup>2</sup>
standart		
- Ruang isolasi, standart	=	49 m <sup>2</sup>
- Ruang gudang, 125 orang		
8,3 x 8 m <sup>2</sup> /org	=	66,4 m <sup>2</sup>
		+
Luas	=	532,9
Sirkulasi 15% x 532,9	=	79,9
		+
Total luas	=	612,6 m <sup>2</sup>

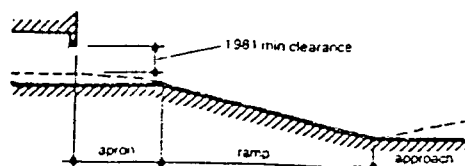
Jadi luas total wisma pelayanan dan perawatan lanjut usia,

1. Unit hunian lanjut usia	=	2.015,4 m <sup>2</sup>
2. Unit pelayanan dan	=	200,1m <sup>2</sup>
3. Unit kegiatan hunian	=	102,56 m <sup>2</sup>
karyawan		
4. Unit kegiatan pengelola	=	242,1 m <sup>2</sup>
5. Unit pelayanan pendukung	=	286 m <sup>2</sup>
pembinaan		
6. Unit pelayanan umum	=	96 m <sup>2</sup>
7. Unit kegiatan pelayanan	=	612,96 m <sup>2</sup>
pusat.		
		+
Total	=	3.555,96 m <sup>2</sup>

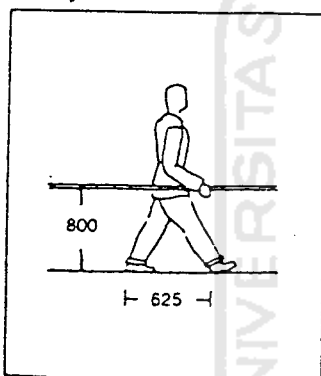
LAMPIRAN 2. GAMBAR

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%

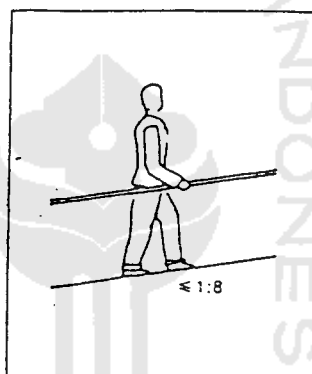
load to gar ramps



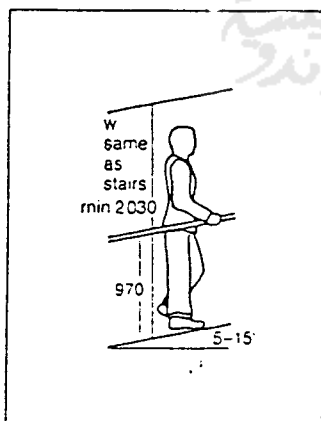
WALKING SPEEDS & FLOW CAPACITY



1 Normal pace of male adult on horizontal plane



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



3 Ramp: USA dimensions

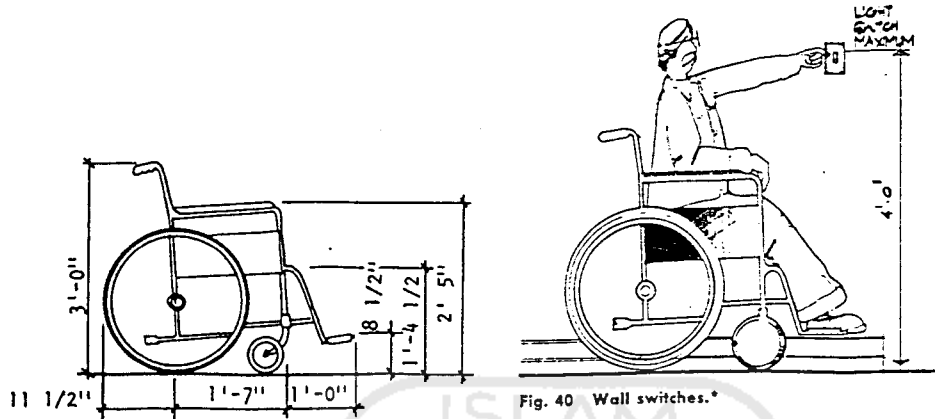


Fig. 40 Wall switches.\*

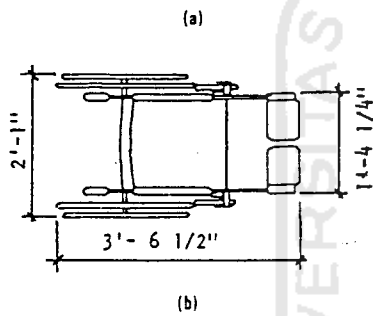


Fig. 38 (a) Side view of standard adult wheelchair. (b) Plan view of standard adult wheelchair. Source: "An Illustrated Handbook of the Handicapped Section of the North Carolina Building Code," Raleigh, 1977.

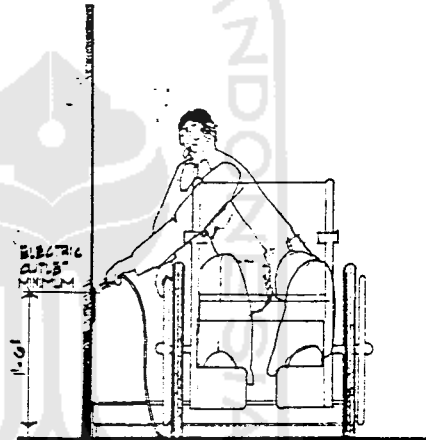


Fig. 41 Electrical outlets.

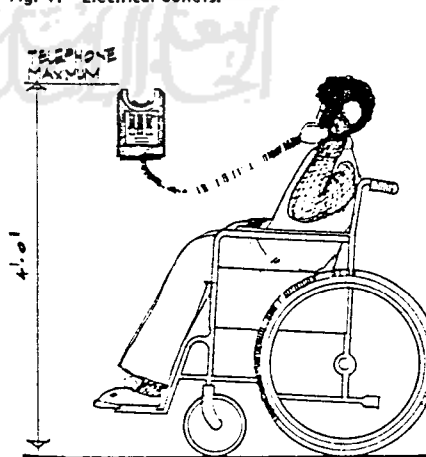


Fig. 42 Telephones.

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

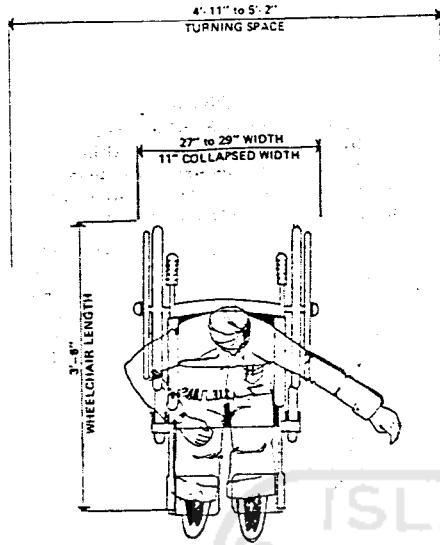


Fig. 9 Wheelchair dimensions.\*

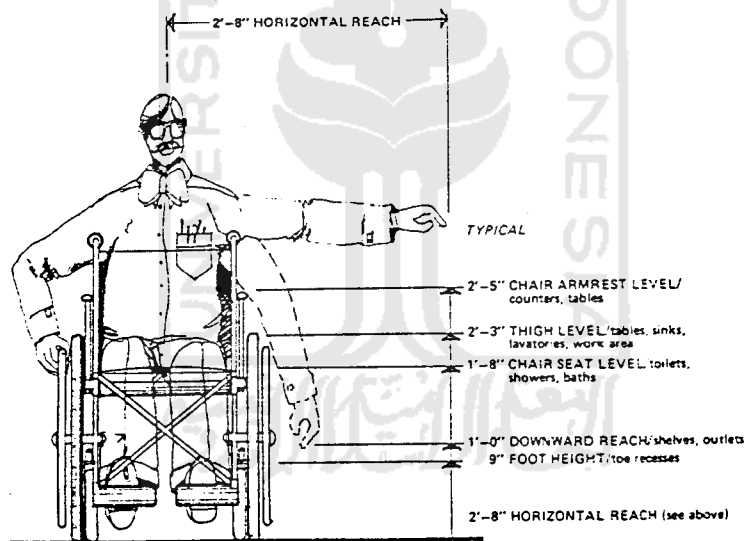


Fig. 8 Typical dimensions.\*

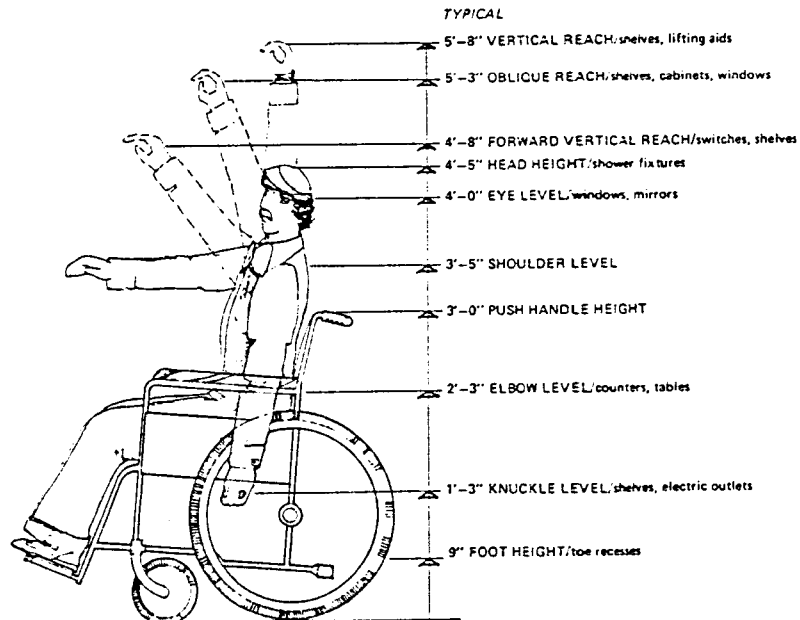
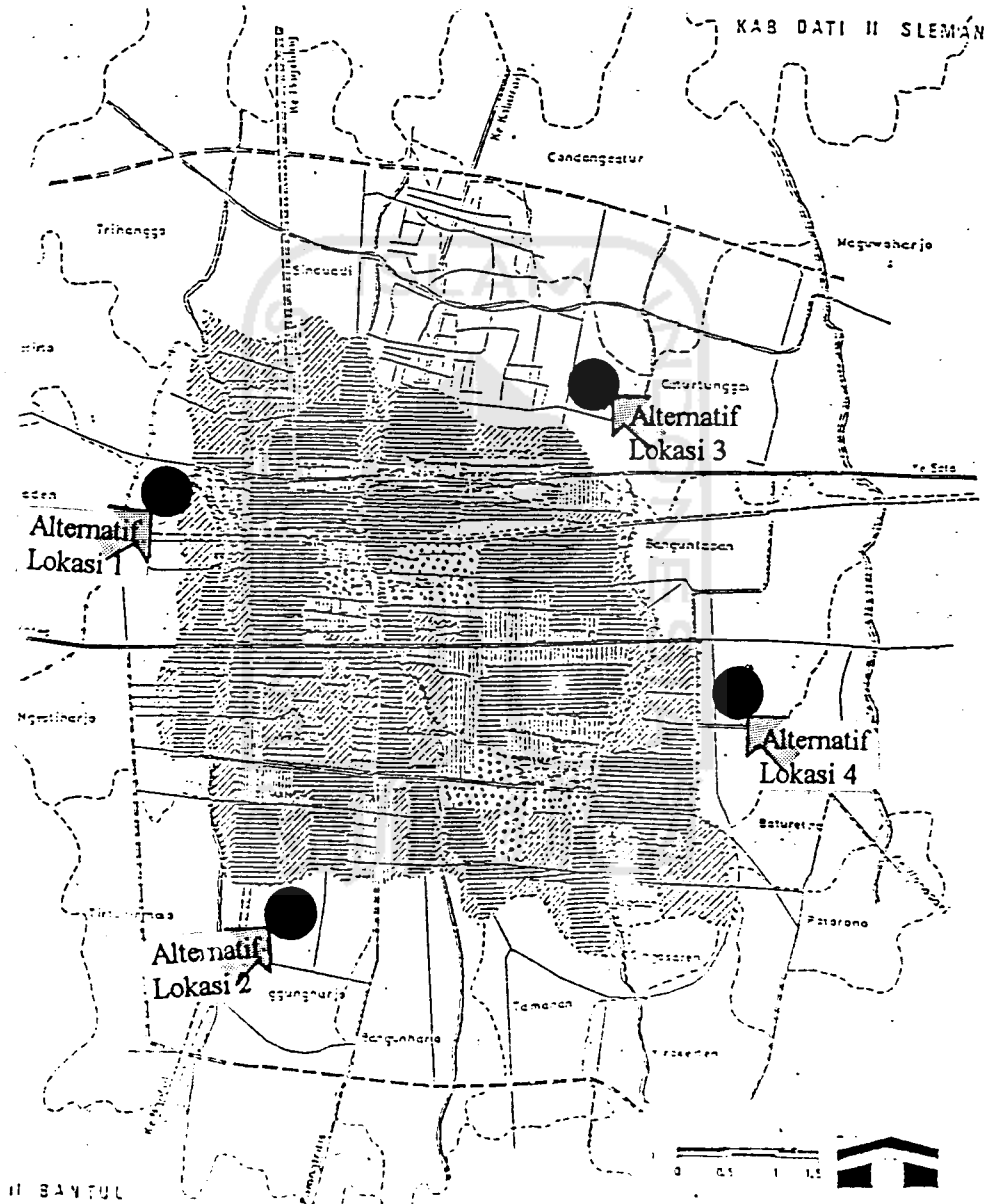


Fig. 10 Typical dimensions.\*



**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



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

