



**Republic of the Philippines**  
City of Puerto Princesa



# **OFFICE OF THE CITY BUILDING OFFICIAL**

# **ARCHITECTURAL**

# **SECTION REQUIREMENTS**



SAMPLE ONLY

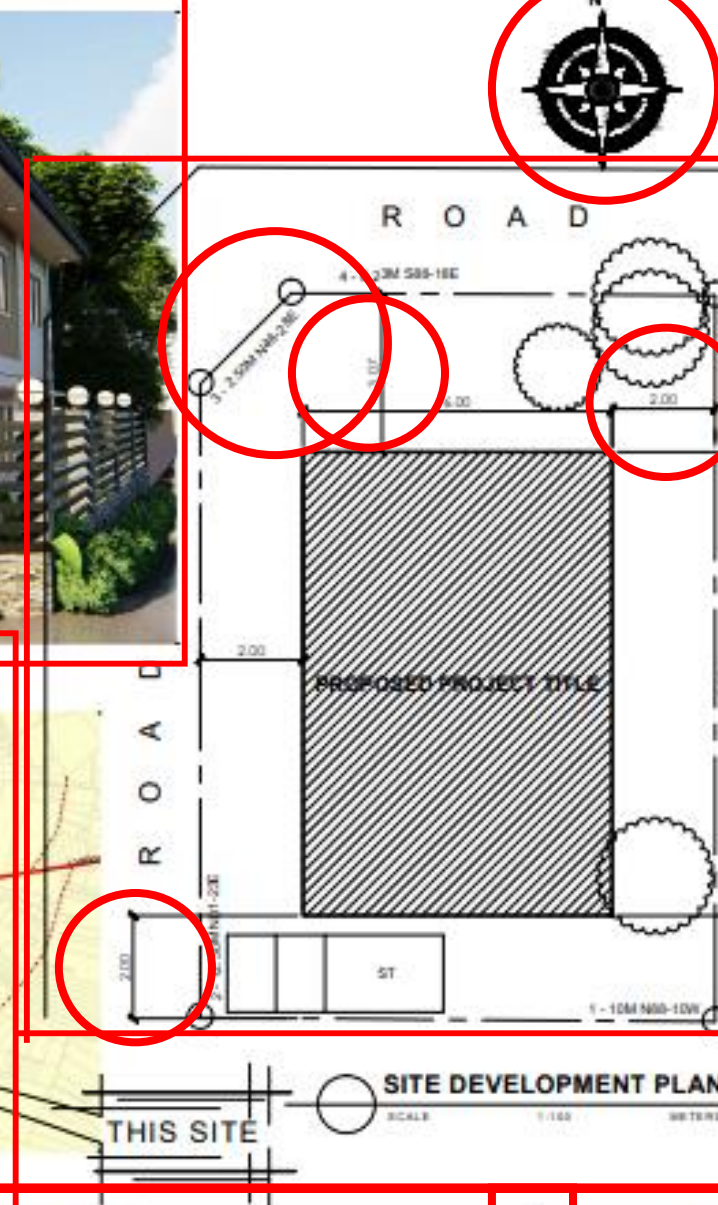


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Republic of the Philippines OFFICE OF THE BUILDING OFFICIAL

CITY OF PUERTO PRINCESA
LAND USE & ZONING
EDWIN A. ROÑALCE Zoning Officer IV Land Use and Zoning Division
LINE & GRADE / GEODETIC ENGINEER
PATRICK JAY L. NANGKIL Engineer II
ARCHITECTURAL
FRANCES T. ESPINOSA Architect II
STRUCTURAL
PACIFICO F. SERIAS II Engineer I
SANITARY / PLUMBING
JAMES ANTHONY F. ROMAGUERA Engineer II
ELECTRICAL
APRIL LADY J. BALAJADIA Engineer II
MECHANICAL
JOEL T. DIRECTO Engineer II
ELECTRONICS
MA. THERESA A. PADUA Engineer II

PROJECT TITLE AND LOCATION:		PROJECT OWNER:		SHEET NO.	
PROPOSED PROJECT TITLE		OWNER		AR	
PROJECT ADDRESS: PUERTO PRINCESA CITY		OWNER ADDRESS: PUERTO PRINCESA CITY		01 01	

# SAMPLE ONLY

Note:

Rooms for Human Habitations – 6.00 square meters with a least dimension of 2.00 meters

Room Label

8

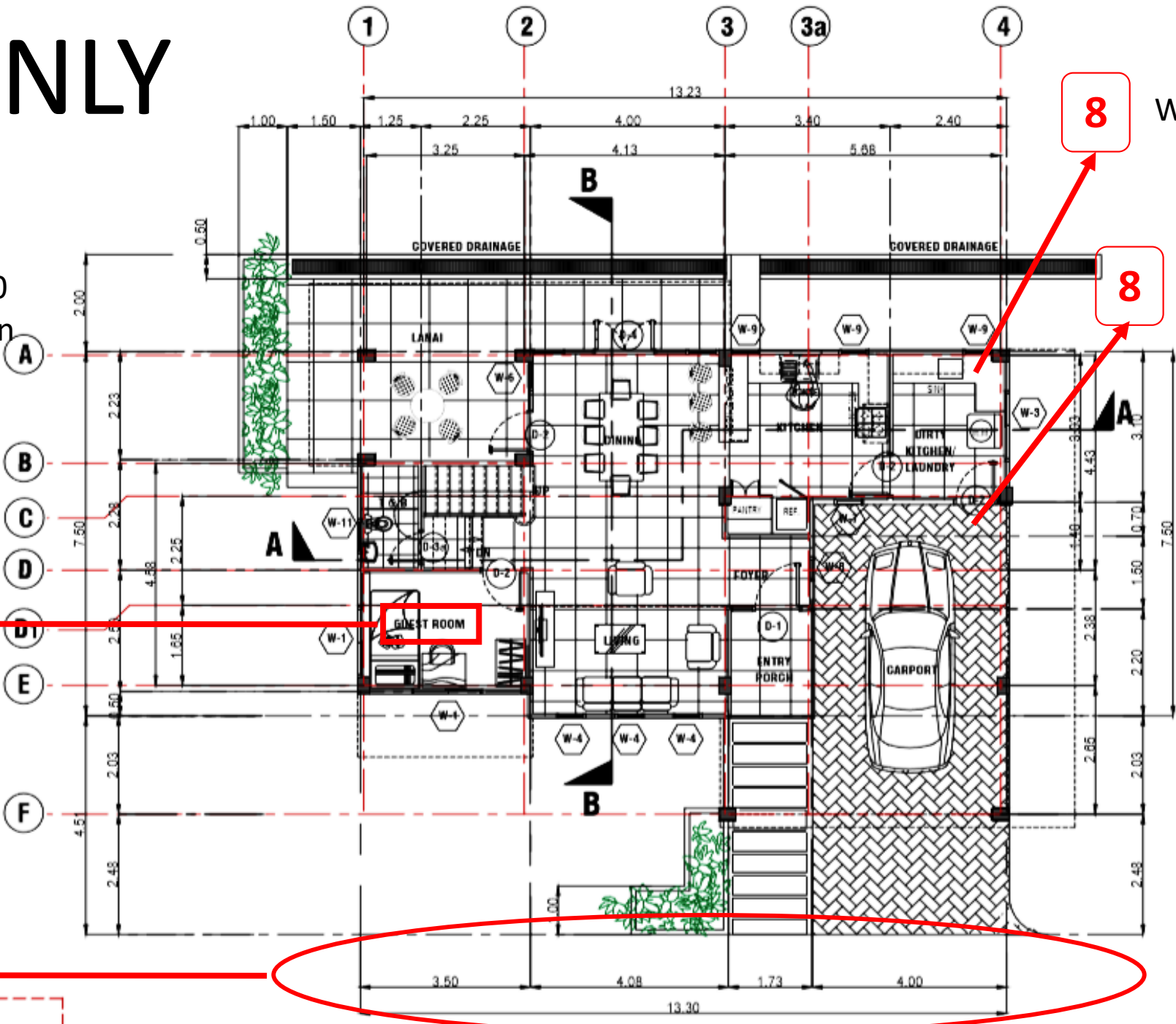
8

8

Window

8

Door

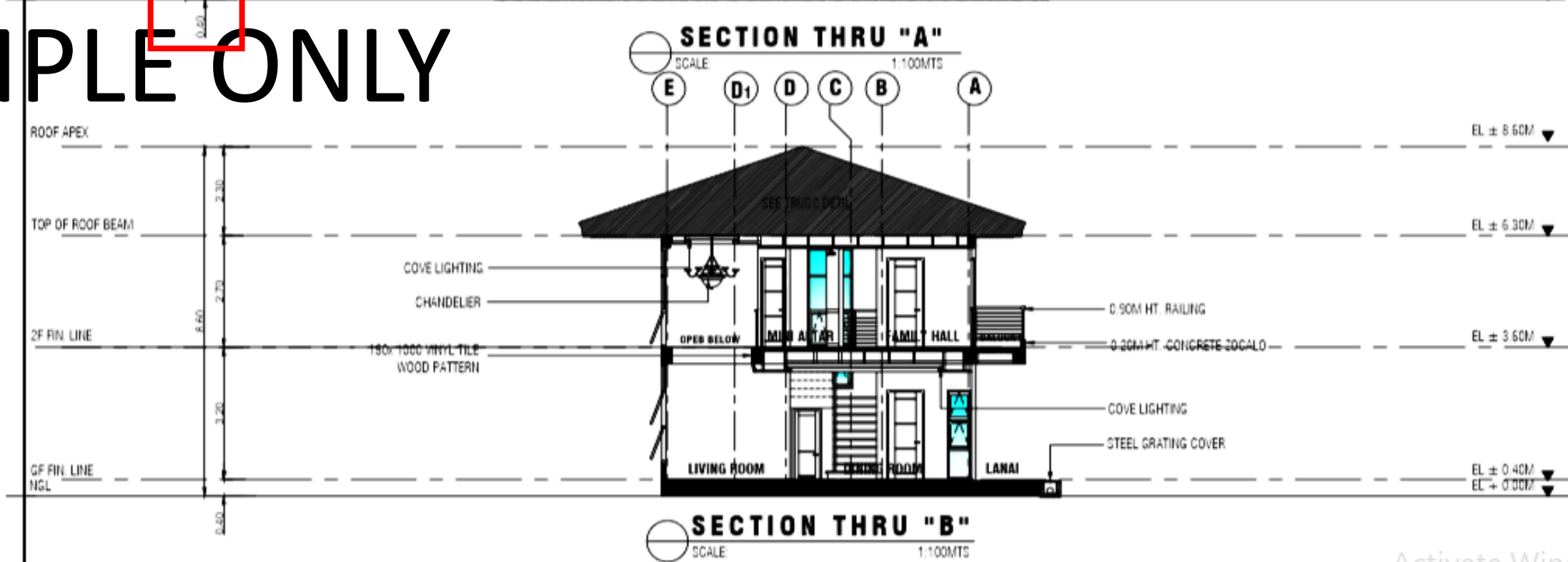
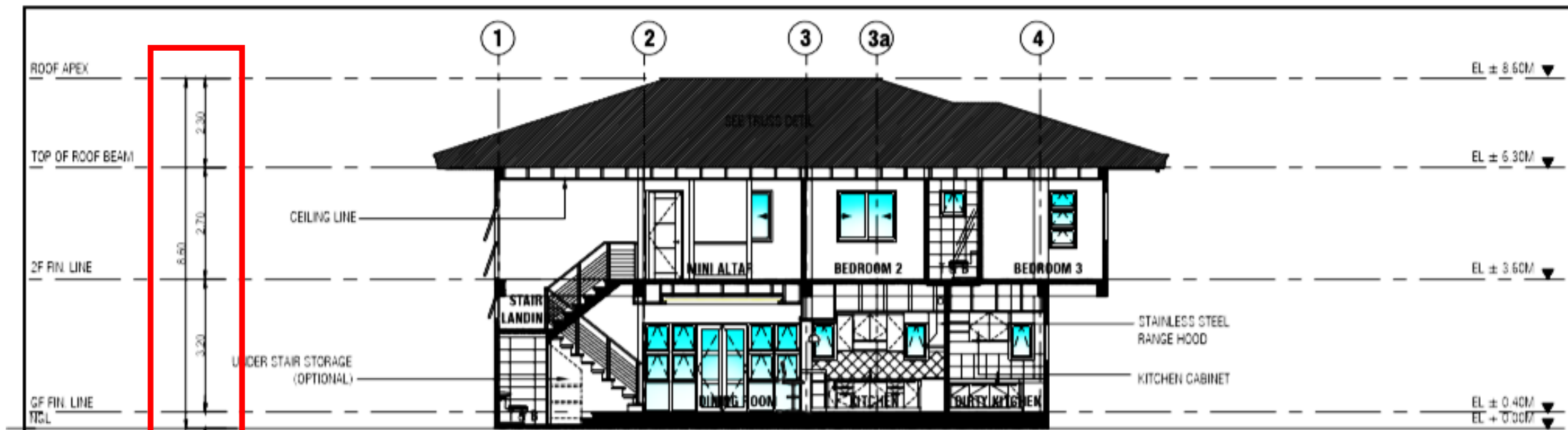




SAMPLE ONLY



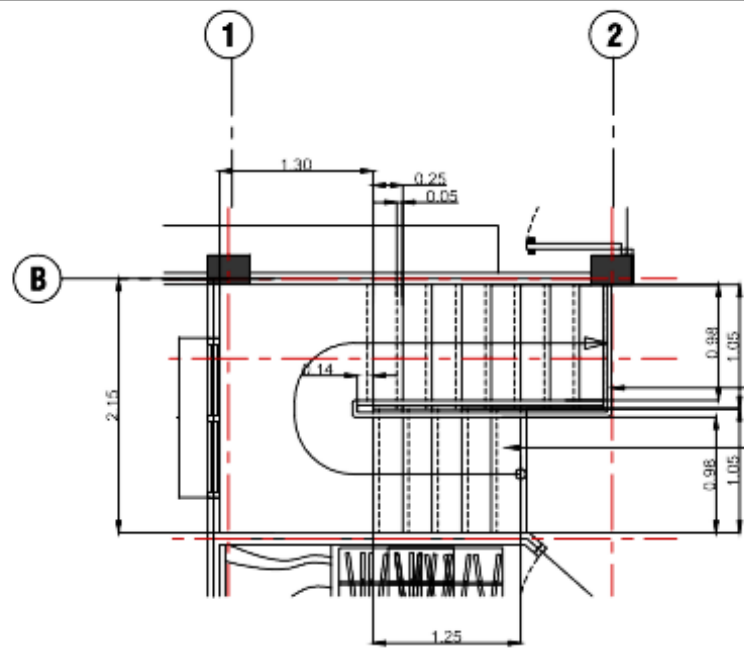
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Go to Settings to activate Windows



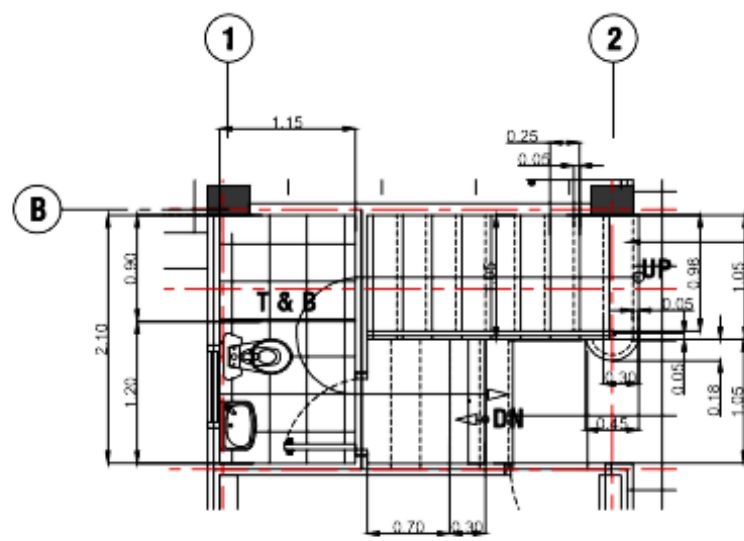
**Par. 8, Sec.  
708 of PD  
1096:**

Stairs shall  
be at least  
750  
millimetres  
in clear  
width, with  
a rise of  
200  
millimetres  
and a  
minimum  
run of 200  
millimetres

# SAMPLE

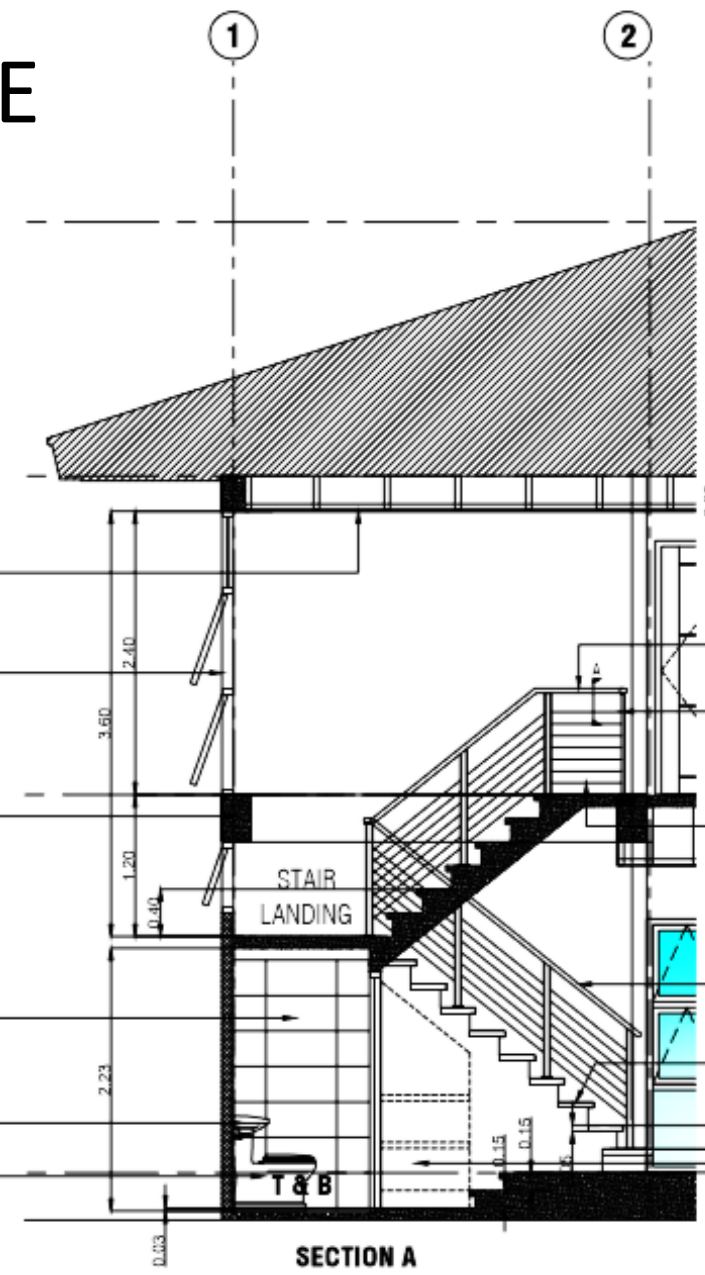


**SECOND FLOOR STAIR PLAN**



**GROUND FLOOR STAIR PLAN**

- WOOD HANDRAIL
- 12" x 48" VINYL FLOOR TILE WOOD FINISH ON CONCRETE STAIR TREAD
- 1/2" THK. GYPSUM BOARD ON METAL FURRING SPACED AT 0.60M
- AWNING WINDOW
- CONCRETE BEAM
- 12" x 48" VINYL FLOOR TILE WOOD FINISH ON CONCRETE STAIR TREAD
- 300M X 600M GLAZED WALL TILES
- WALL HUNG TYPE LAVATORY
- DUAL FLUSH TYPE WATER CLOSET

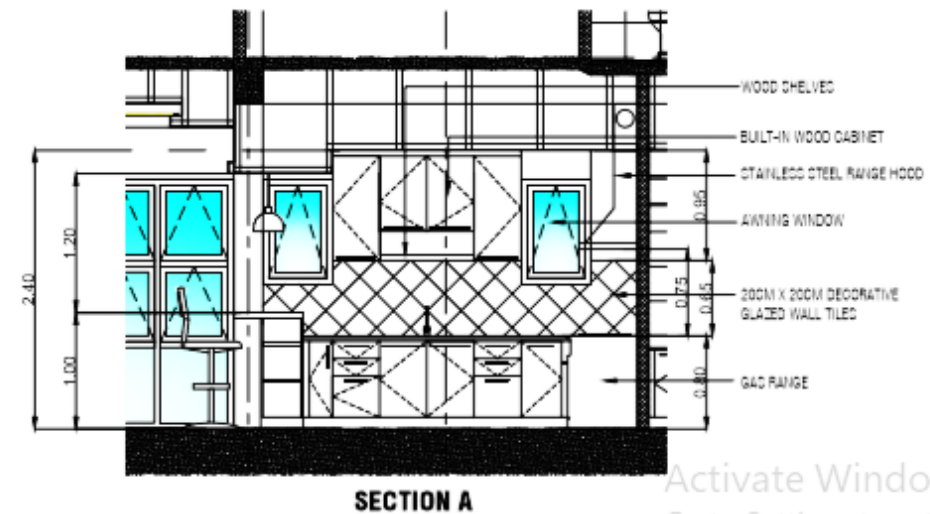
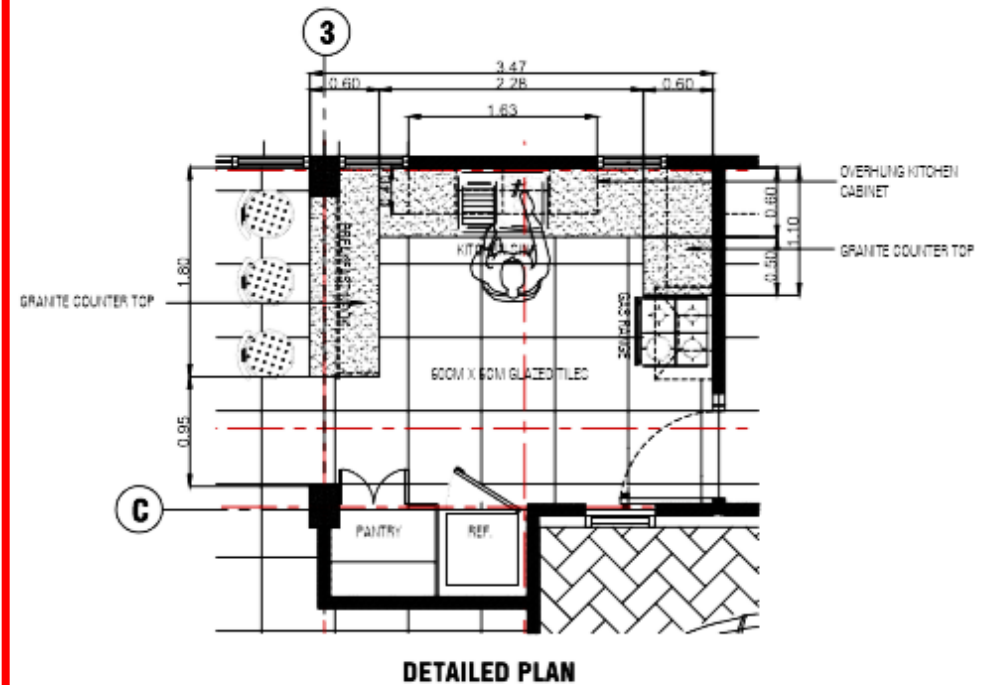
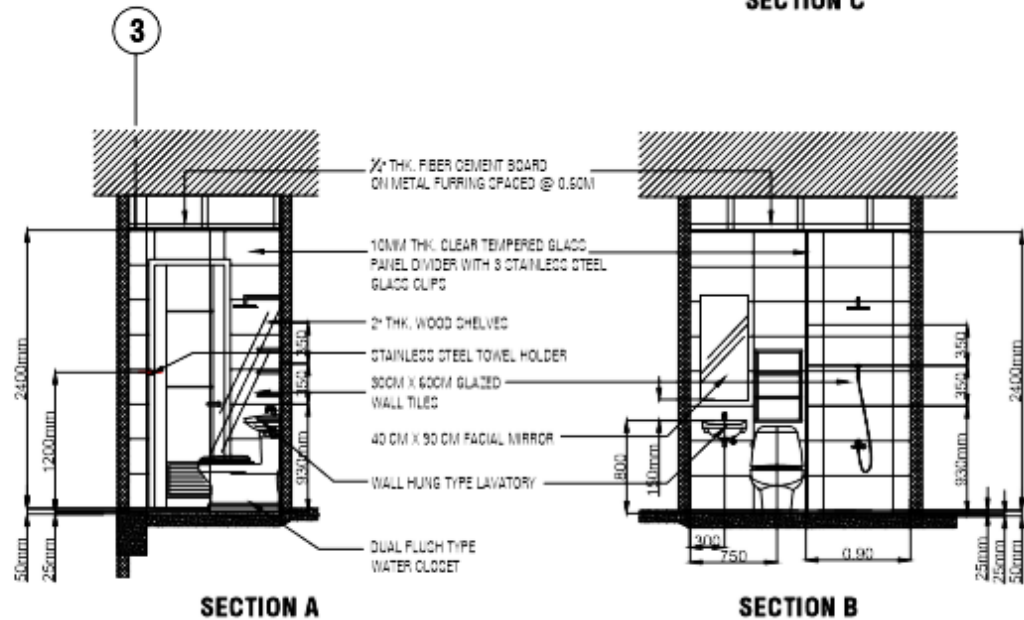
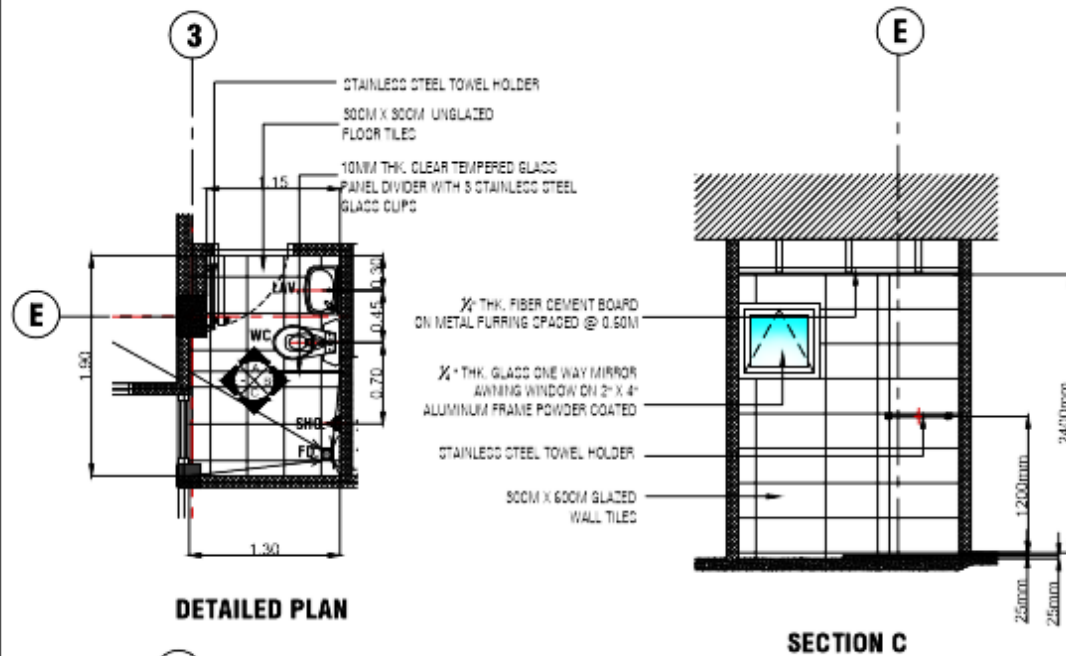


**SECTION A**

**STAIR DETAIL**  
SCALE: 1:100MMS

- 65MM X 42MM WOOD HANDRAIL
- 1 1/2" X 3MM THK. FLAT BAR
- 10MM X 10MM SQUARE BAR PAINTED FINISH
- HORIZONTAL RAILING
- 1 1/2" X 3MM THK. FLAT BAR PAINTED FINISH
- RAILING POST
- 10MM X 10MM SQUARE BAR PAINTED FINISH
- HORIZONTAL RAILING
- SECTION
- PLAN SECTION SPOT DETAIL A
- 1 1/2" X 3MM THK. FLAT BAR PAINTED FINISH
- RAILING POST
- 60MM X 100MM X 6MM BASE PLATE WITH 5- 1/2" X 1 1/2" CONCRETE SCREW
- 65MM X 42MM WOOD HANDRAIL CORED ON 1 1/2" X 3MM THK. FLAT BAR
- 1 1/2" X 3MM THK. FLAT BAR PAINTED FINISH
- RAILING POST
- 10MM X 10MM SQUARE BAR PAINTED FINISH
- HORIZONTAL RAILING
- 65MM X 42MM WOOD HANDRAIL CORED ON 1 1/2" X 3MM THK. FLAT BAR
- 12" x 48" VINYL FLOOR TILE WOOD FINISH ON CONCRETE STAIR TREAD
- UNDER STAIR CABINET (OPTIONAL)

Activate Windows  
Go to Settings to activate Windows

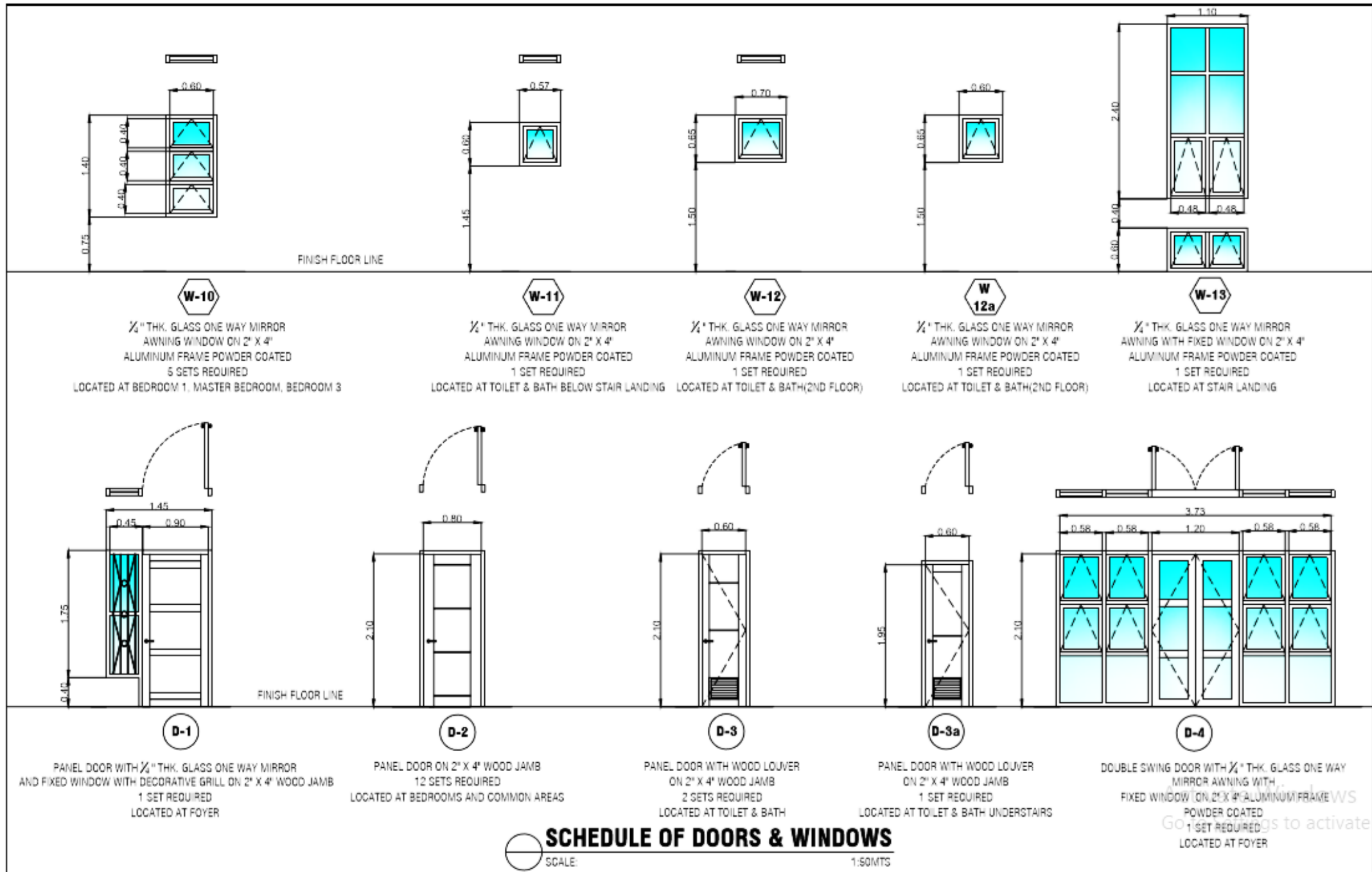


Activate Windows  
Go to Settings to activate

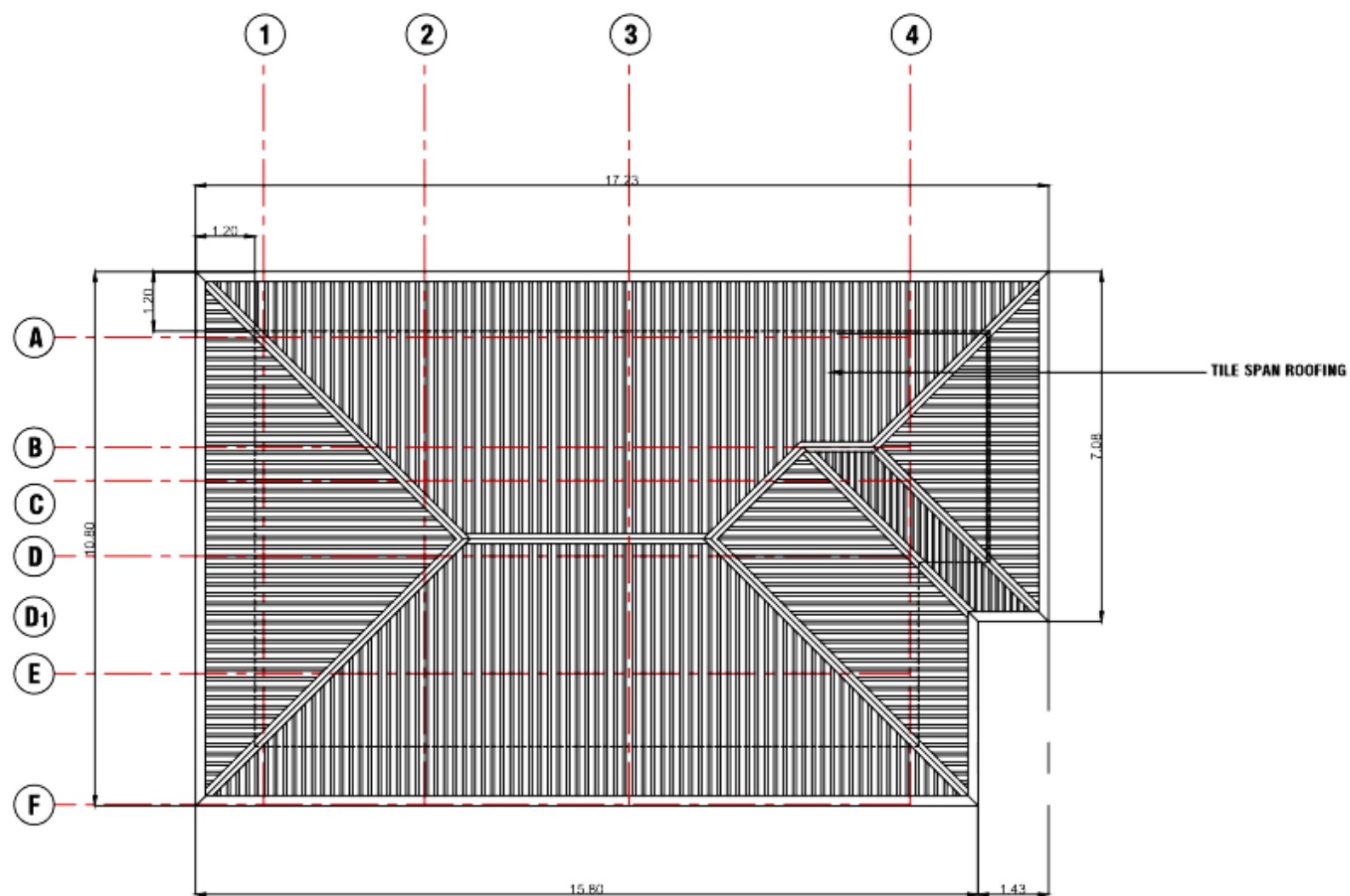


Note:

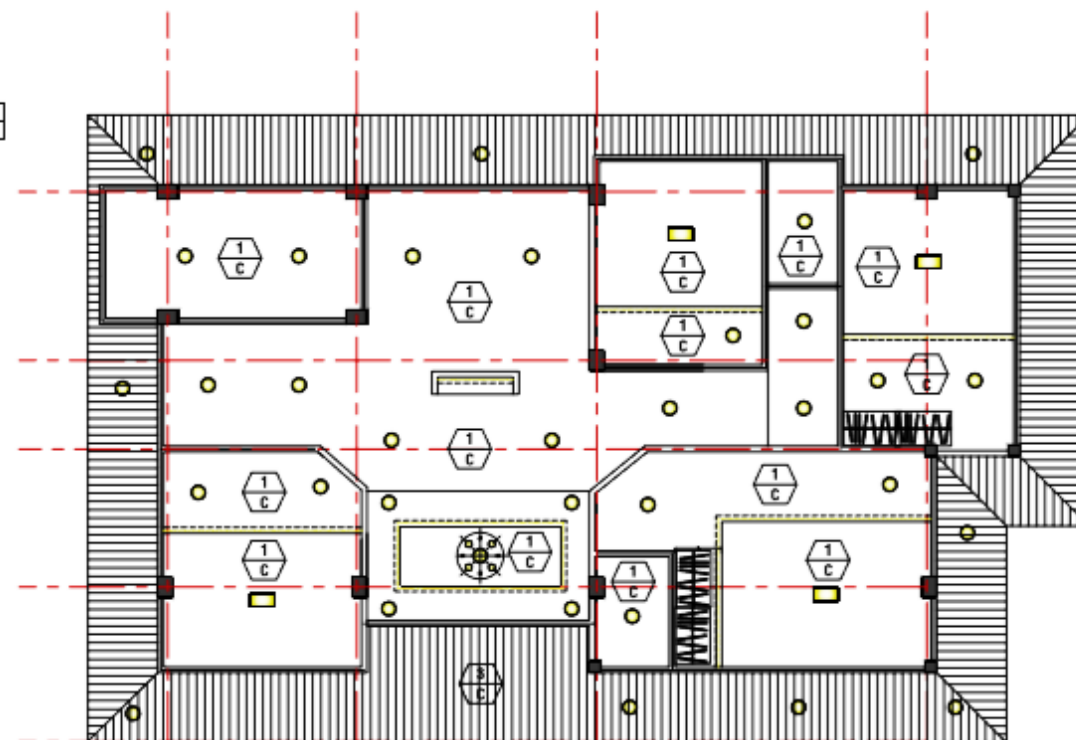
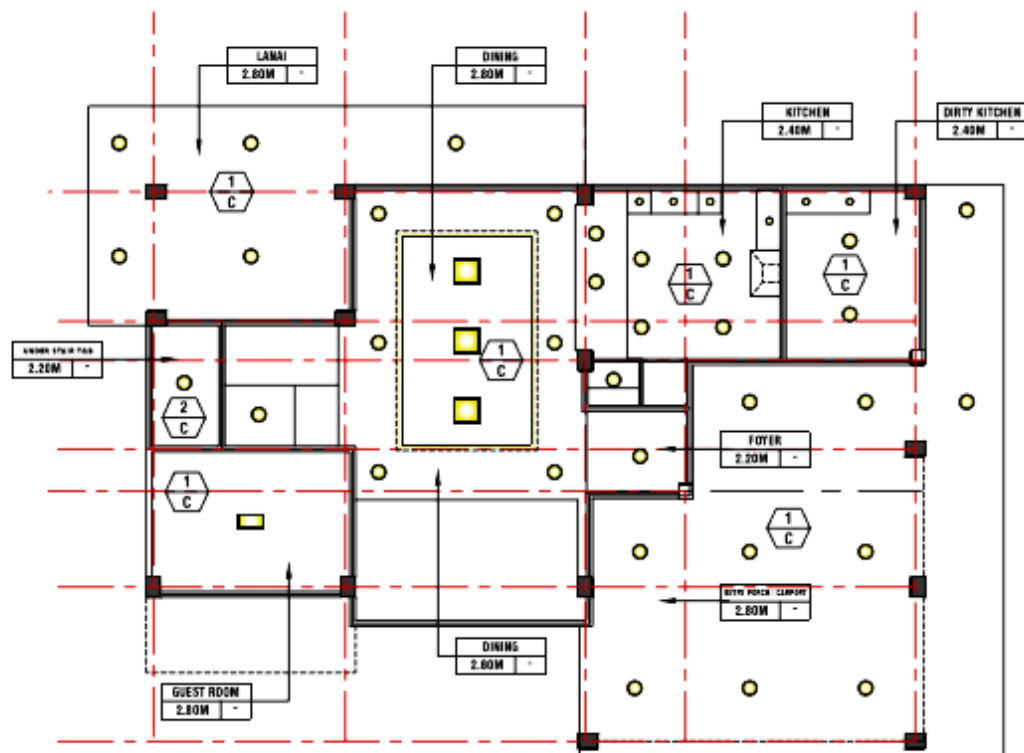
Windows with a total floor area of openings equal to at least 10% of the total floor area of the room



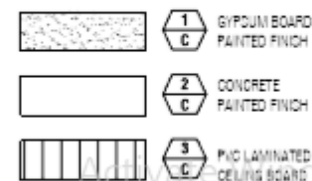




**ROOF PLAN**  
SCALE: 1:100M/TS

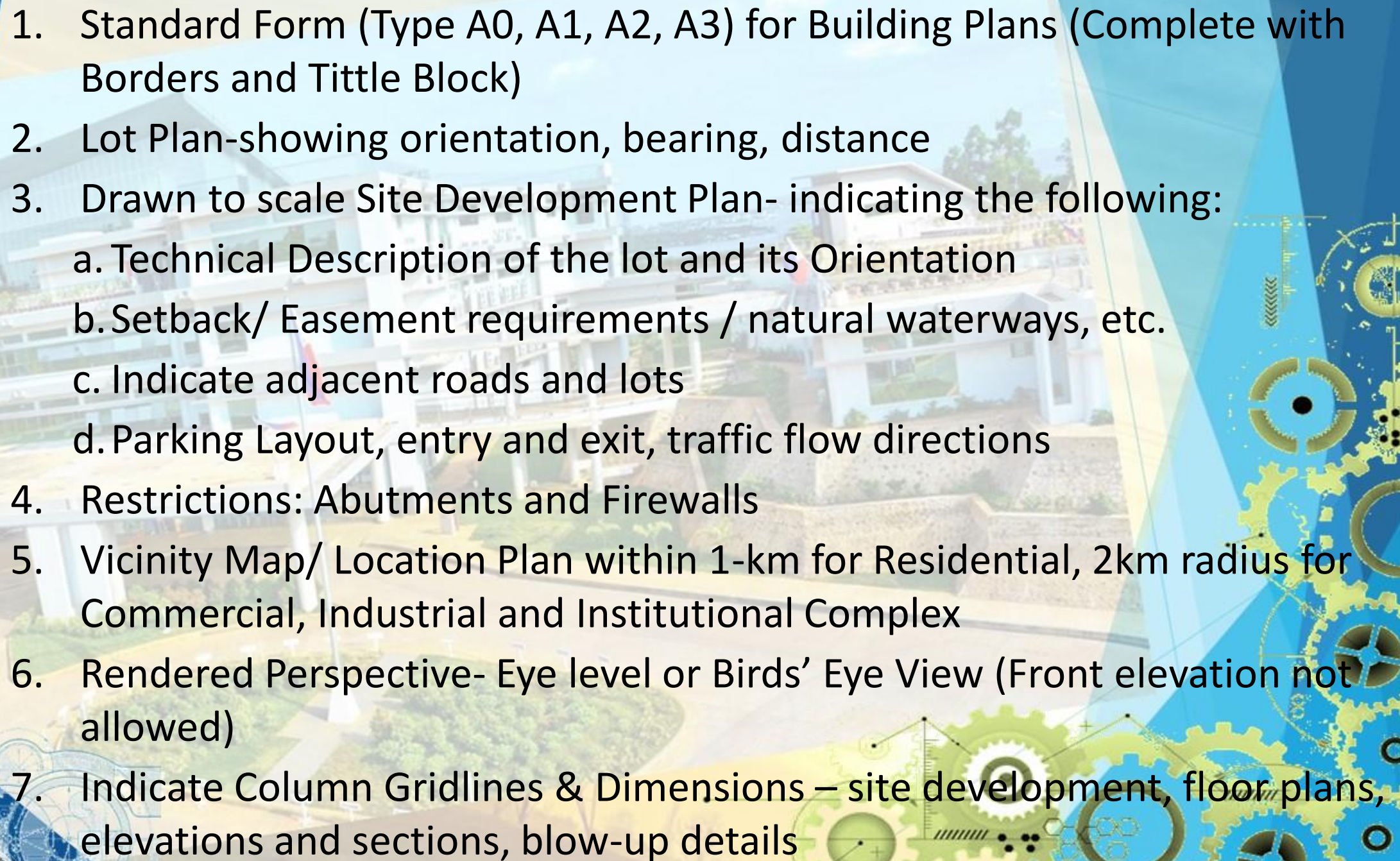


**REFLECTED CEILING PLAN LEGEND:**

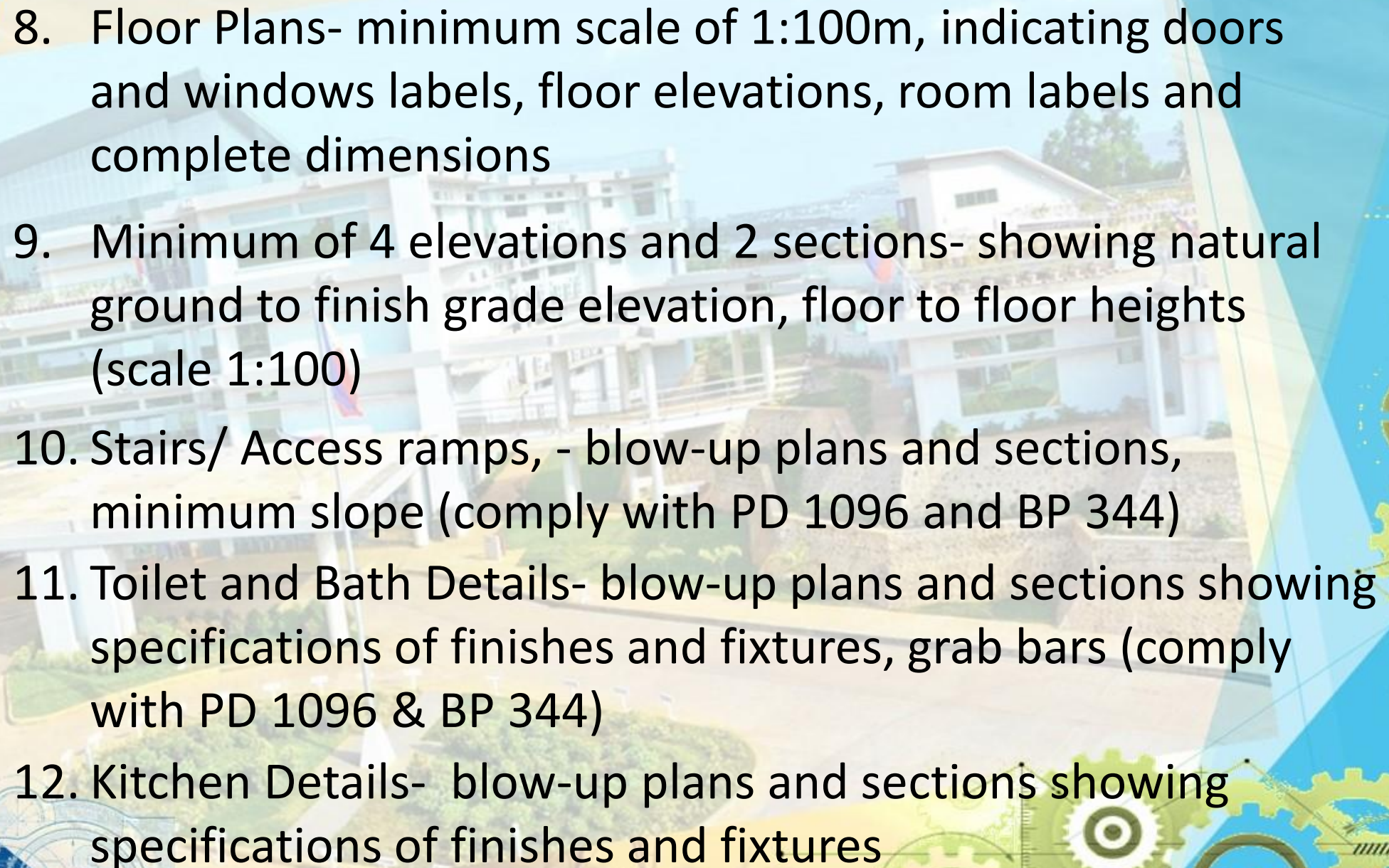


Go to Settings to activate Windows

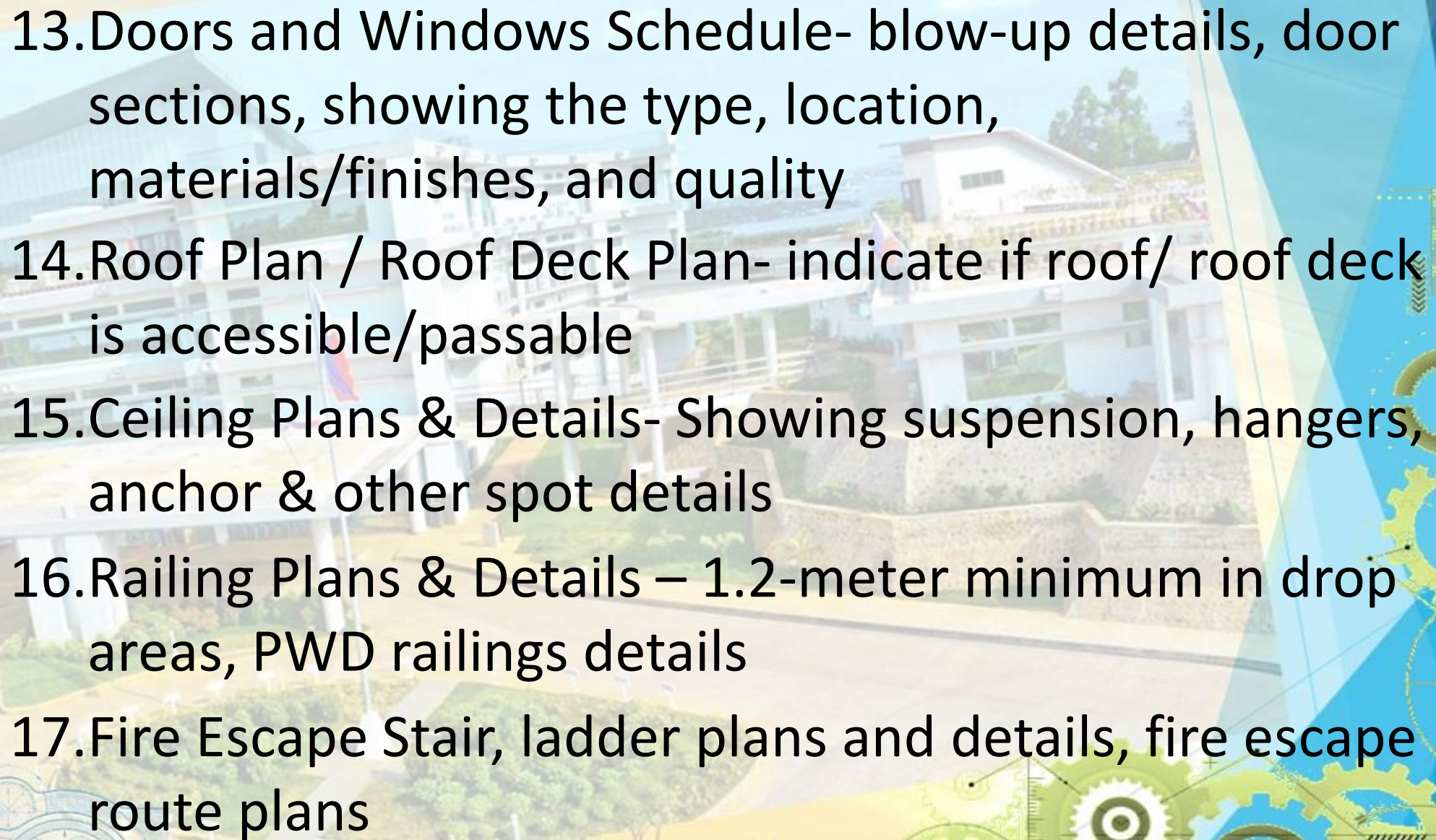


- 
1. Standard Form (Type A0, A1, A2, A3) for Building Plans (Complete with Borders and Tittle Block)
  2. Lot Plan-showing orientation, bearing, distance
  3. Drawn to scale Site Development Plan- indicating the following:
    - a. Technical Description of the lot and its Orientation
    - b. Setback/ Easement requirements / natural waterways, etc.
    - c. Indicate adjacent roads and lots
    - d. Parking Layout, entry and exit, traffic flow directions
  4. Restrictions: Abutments and Firewalls
  5. Vicinity Map/ Location Plan within 1-km for Residential, 2km radius for Commercial, Industrial and Institutional Complex
  6. Rendered Perspective- Eye level or Birds' Eye View (Front elevation not allowed)
  7. Indicate Column Gridlines & Dimensions – site development, floor plans, elevations and sections, blow-up details




- 
8. Floor Plans- minimum scale of 1:100m, indicating doors and windows labels, floor elevations, room labels and complete dimensions
9. Minimum of 4 elevations and 2 sections- showing natural ground to finish grade elevation, floor to floor heights (scale 1:100)
10. Stairs/ Access ramps, - blow-up plans and sections, minimum slope (comply with PD 1096 and BP 344)
11. Toilet and Bath Details- blow-up plans and sections showing specifications of finishes and fixtures, grab bars (comply with PD 1096 & BP 344)
12. Kitchen Details- blow-up plans and sections showing specifications of finishes and fixtures



- 
13. Doors and Windows Schedule- blow-up details, door sections, showing the type, location, materials/finishes, and quality
14. Roof Plan / Roof Deck Plan- indicate if roof/ roof deck is accessible/passable
15. Ceiling Plans & Details- Showing suspension, hangers, anchor & other spot details
16. Railing Plans & Details – 1.2-meter minimum in drop areas, PWD railings details
17. Fire Escape Stair, ladder plans and details, fire escape route plans



- 
18. Ventilation openings computation against floor area  
19. Fire Safety Documents  
20. Other Architectural Details: (as needed)



# *Requirements for Residential/Abode*

1. Standard Form (Type A3) for Building Plans (Complete with Borders and Tittle Block)
2. Lot Plan-showing orientation, bearing, distance
3. Drawn to scale Site Development Plan- indicating the following:
  - a. Technical Description of the lot and its Orientation
  - b. Setback/ Easement requirements / natural waterways, etc.
  - c. Indicate adjacent roads and lots
4. Vicinity Map/ Location Plan within 1-km
5. Actual Perspective
6. Floor Plans
7. Elevations



***How can occupant load be determined in a given area under the Revised IRR of PD 1096?***

**Table XII.1** of **Rule XII, Section 1207** of the 2005 Revised IRR serves as reference in determining the **occupant load** (unit area per occupant) of a building/ structure and its minimum exit requirements in relation to its use/occupancy.



# Table XII.1 General Requirements for Occupant Loads & Exits

USE OR OCCUPANCY	UNIT AREA PER OCCUPANT (SQ.METERS)	MIN. OF 2 EXITS OTHER THAN ELEVATORS ARE REQUIRED WHERE NO. OF OCCUPANTS IS OVER
Dwellings	28.00	10
Hotels / Apartments / Dormitories	18.60	10
Classrooms	1.80	50
Conference Rooms / Exhibit Rooms / Gymnasias	1.40	50
School Shops / Vocational Institutions / Laboratories	4.60	50
Hospitals** / Sanitaria**	8.40	5
Nursing Homes** / Children's Homes** / Homes for the Aged**	7.40	5

\*\* Institutional Sleeping Departments shall be based on one (1) occupant per 11.00 sq. meters of the gross floor area; In-patient Institutional Treatment Departments shall be based on one (1) occupancy per 22.00 sq. meters of gross floor area.



# PROVISIONS OF ACCESSIBILITY LAW (B.P. 344)





14 MAR 2016

**NBCDO MEMORANDUM**

**CIRCULAR NO.**

**03**

Series of 2016

03.15.16

Philippines  
WORKS AND HIGHWAYS  
SECRETARY

097.13 DPWH  
03-15-2016



NBCDO Memorandum Circular No. 03 s.2016  
Page 2 of 2

shall show the breakdown of the total collection indicating the share of the local government concerned amounting to 80%, the 15% share of the OBO and the 5% share of the DPWH pursuant to the Joint Memorandum Circular No. 001, dated July 04, 2013 (Annex "B") by and between DPWH and DILG.

6. Submittal of a quarterly situational report to the Secretary, thru the NBCDO on the status of all existing, on-going and proposed public as well as private building/structure activities is enjoined pursuant to Section 207, Subsection 6 of Rule II of Revised IRR adopting the attached updated matrix (Annex "C").

This Order shall take effect immediately and shall supersede NBCDO Memorandum Circular No. 01, Series of 2005.

For the guidance and compliance of all concerned in the proper implementation of the

4. Permits and Certificates of buildings and related structures for public use to include multiple dwelling units whether government or privately owned shall only be issued when provided in the design plans and installed after construction with a) accessible ramps, b) accessible stairs, c) accessible lift/elevator, d) accessible entrances, corridors and walkways, e) accessible functional areas/comfort rooms, f) accessible switches and controls, g) access symbols and directional signs with Braille version, h) reserved parking for disabled persons, in pursuant to B.P. Blg. 344 (Accessibility Law) and Section 302, Subsection 4.a.viii, Rule III of the Revised IRR of P.D. 1096.

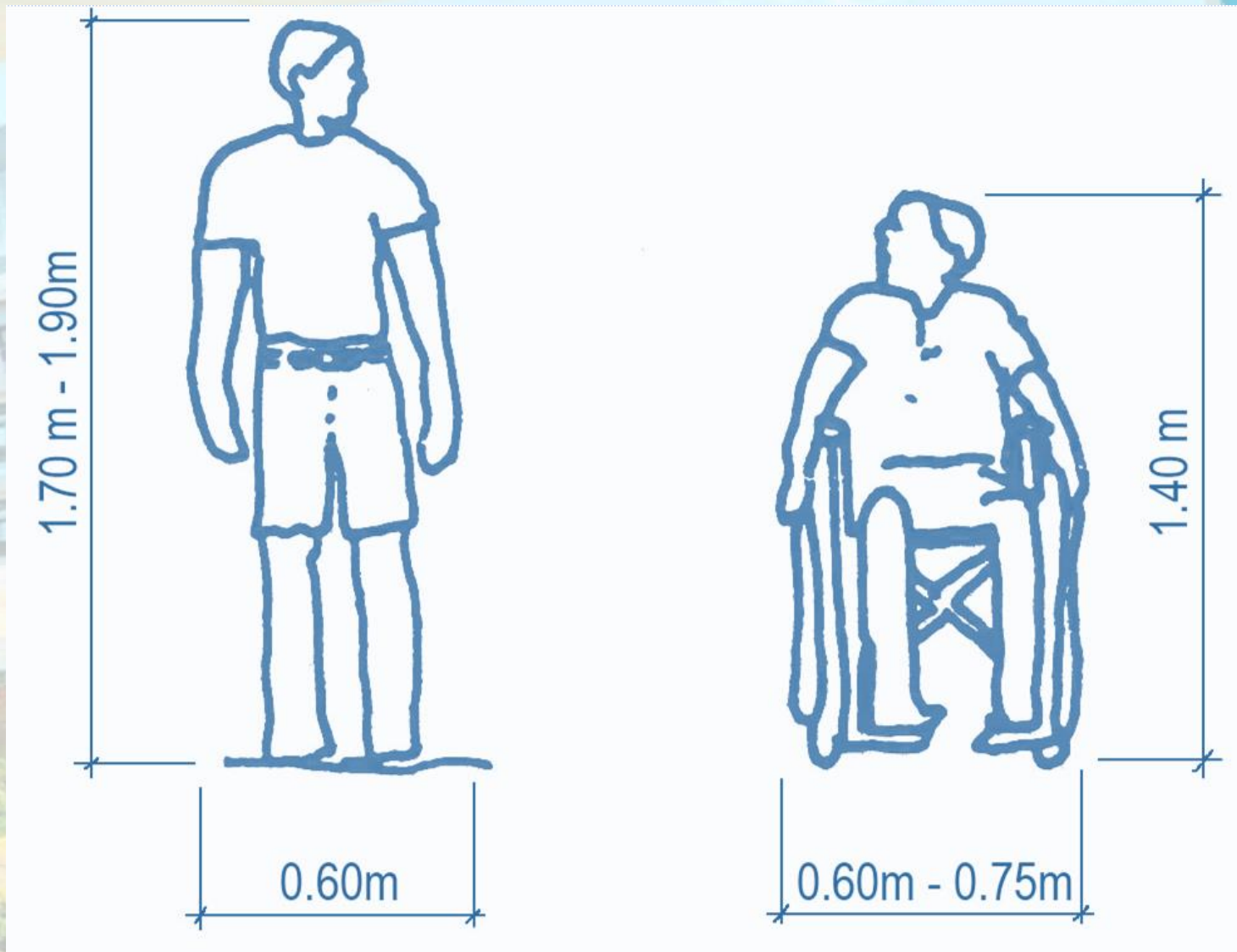


**Rule III, Section 2** (Amended IRR of BP 344)

**15 Architectural Features and Facilities (Accessible):**

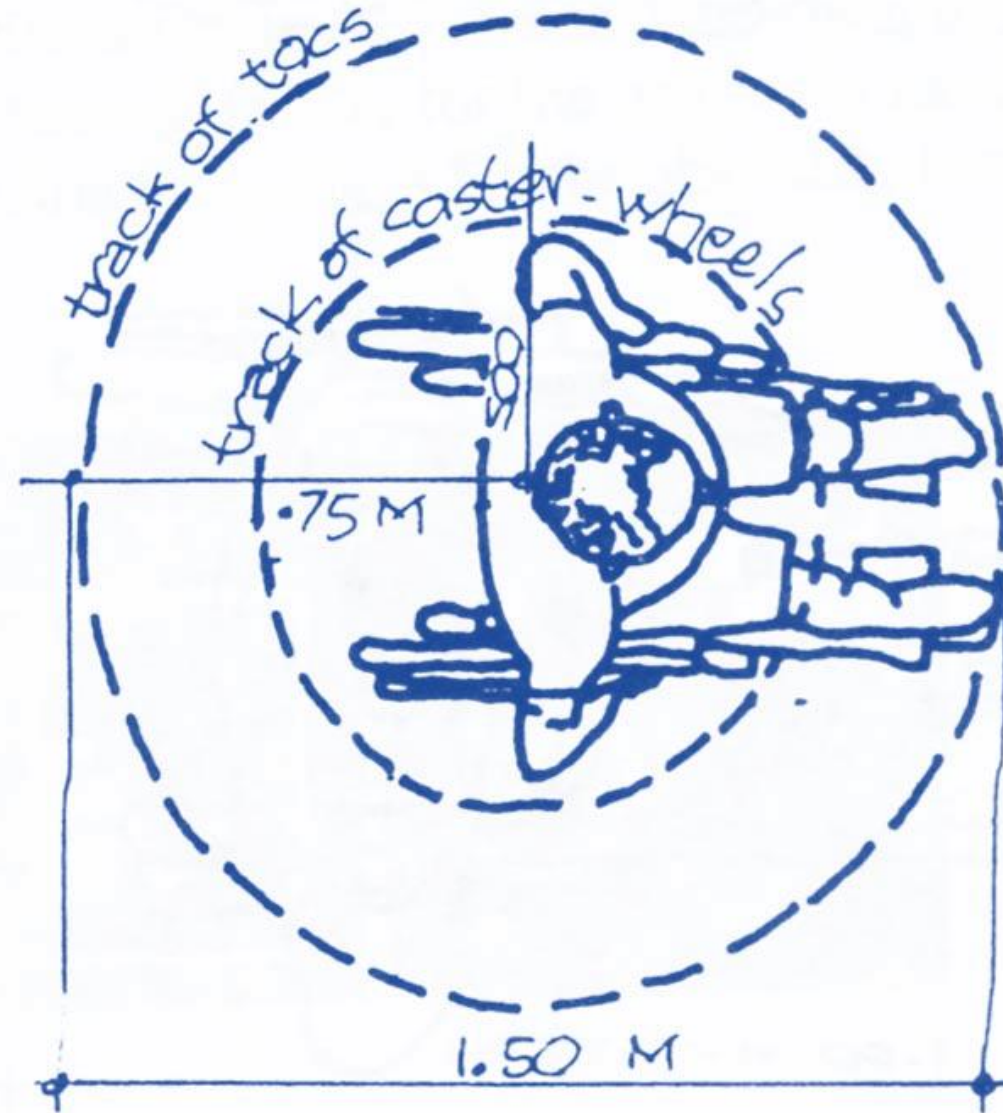
- A - Stairs**
- B - Walkways**
- C - Corridors**
- D - Doors and Entrances**
- E - Washrooms and Toilets**
- F - Lifts / Elevators**
- G - Ramps**
- H - Parking Areas**
- I - Switches, Controls, Buzzers**
- J - Handrails**
- K - Thresholds**
- L - Floor Finishes**
- M - Drinking Fountains**
- N - Public Telephones**
- O - Seating Accommodations**





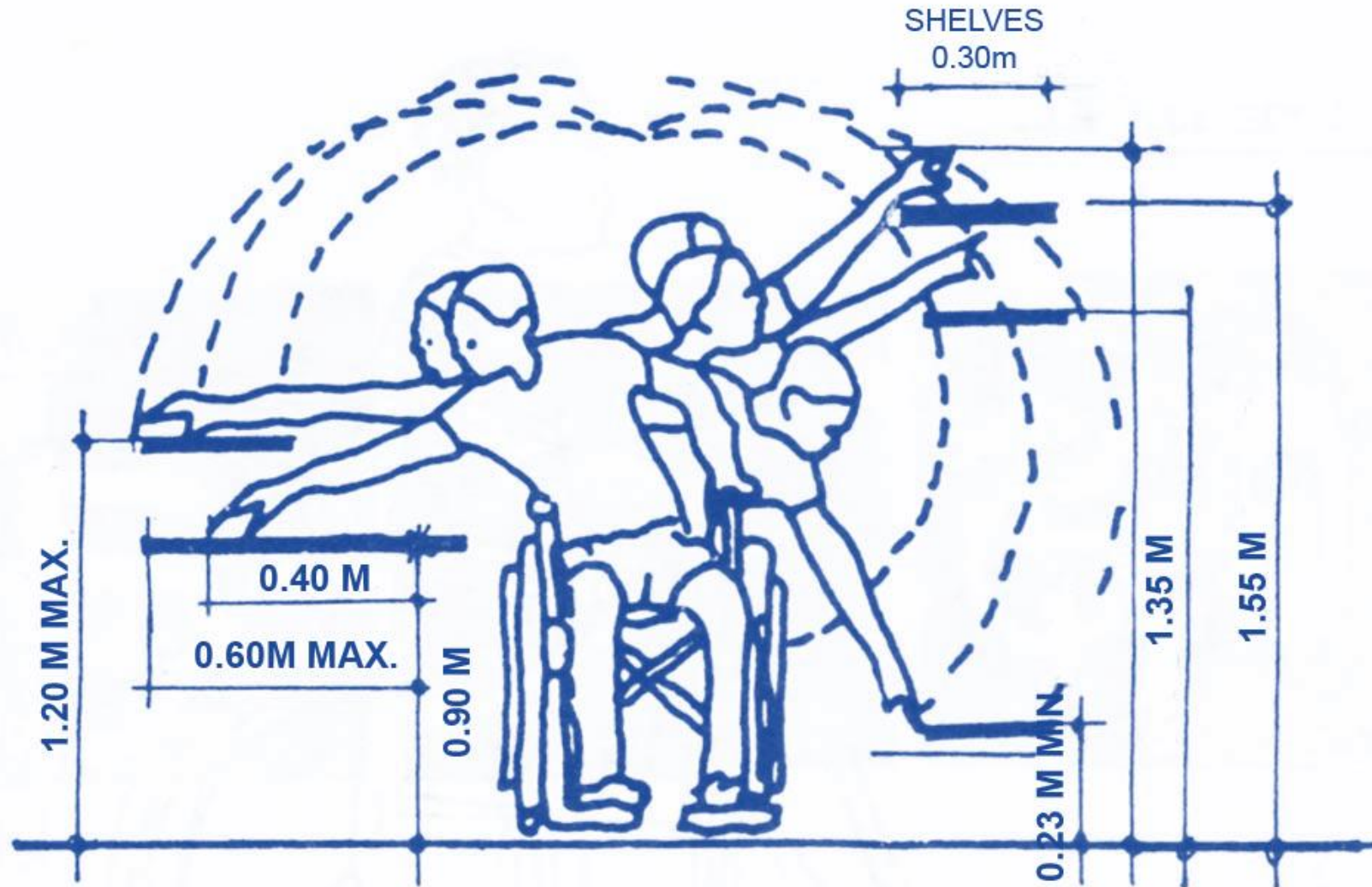
**COMPARATIVE DIMENSIONS OF WHEELCHAIR  
USER AND PERSON WITH DISABILITY**





**360° TURNING RADIUS OF WHEELCHAIRS**





REACHES OF WHEELCHAIR USERS



CURB CUT  
CURB CUT-OUT  
OR DROPPED CURB

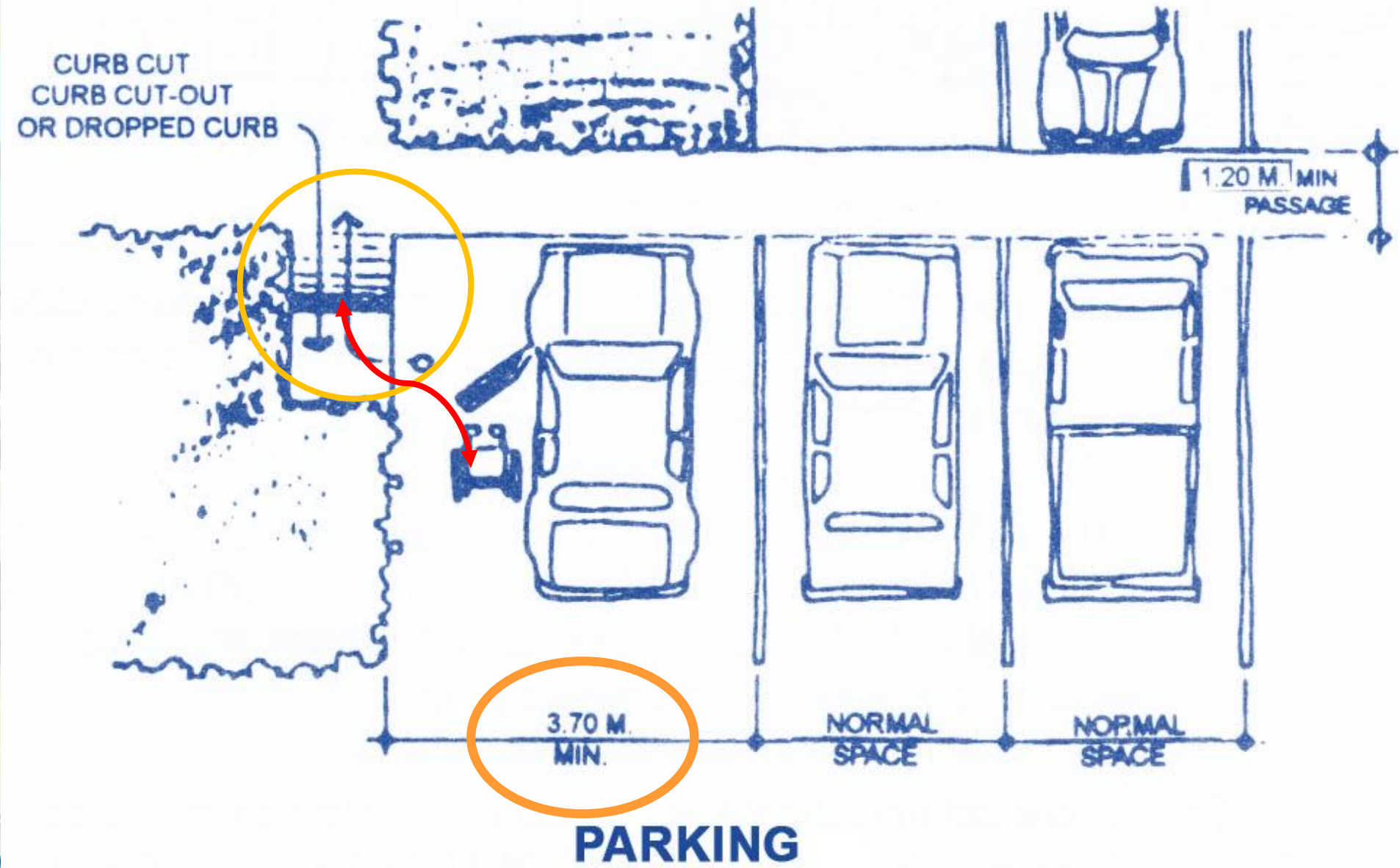
1.20 M. MIN  
PASSAGE

3.70 M.  
MIN.

NORMAL  
SPACE

NORMAL  
SPACE

**PARKING**





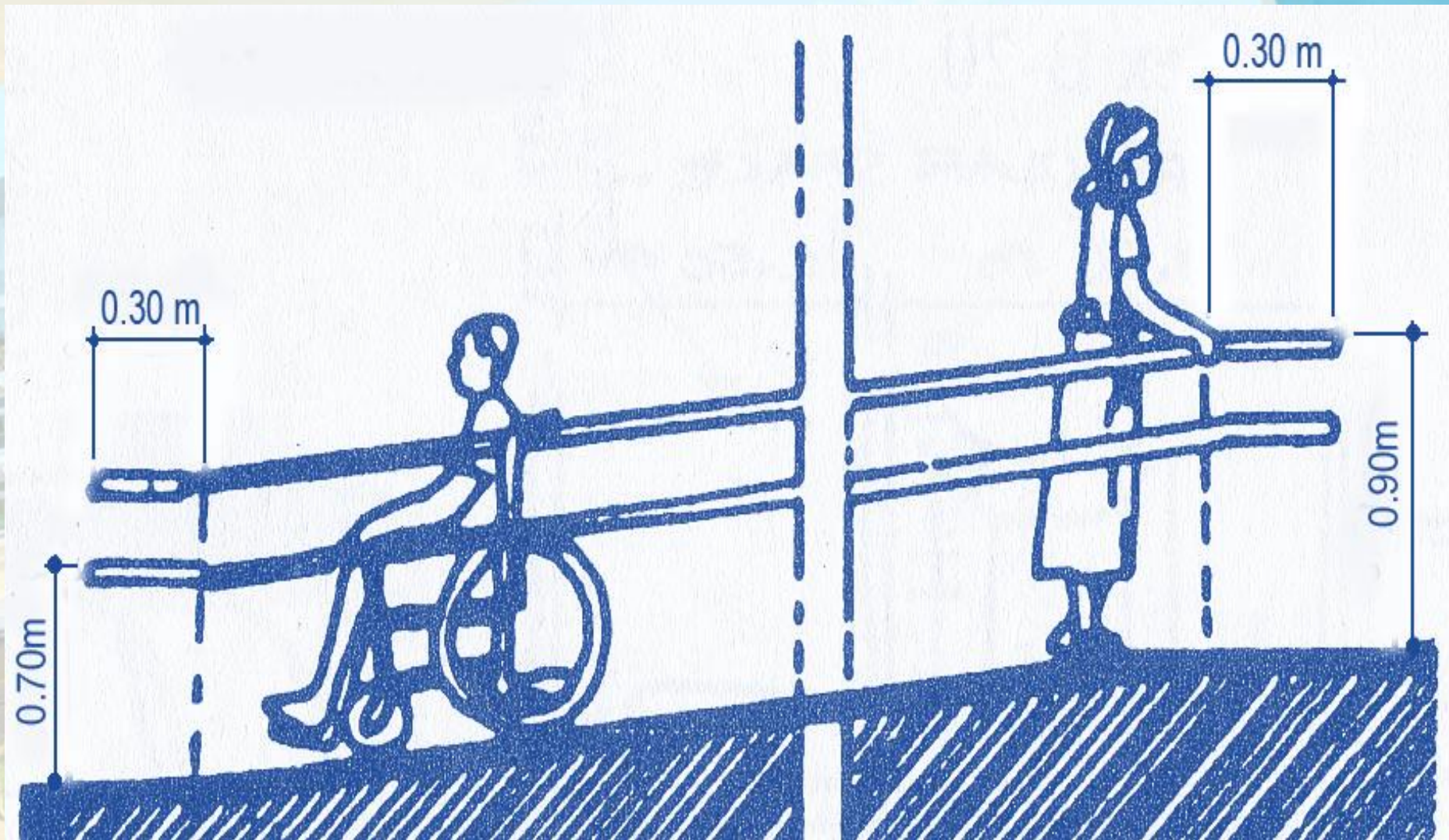


***ACCESSIBLE PARKING SLOT***









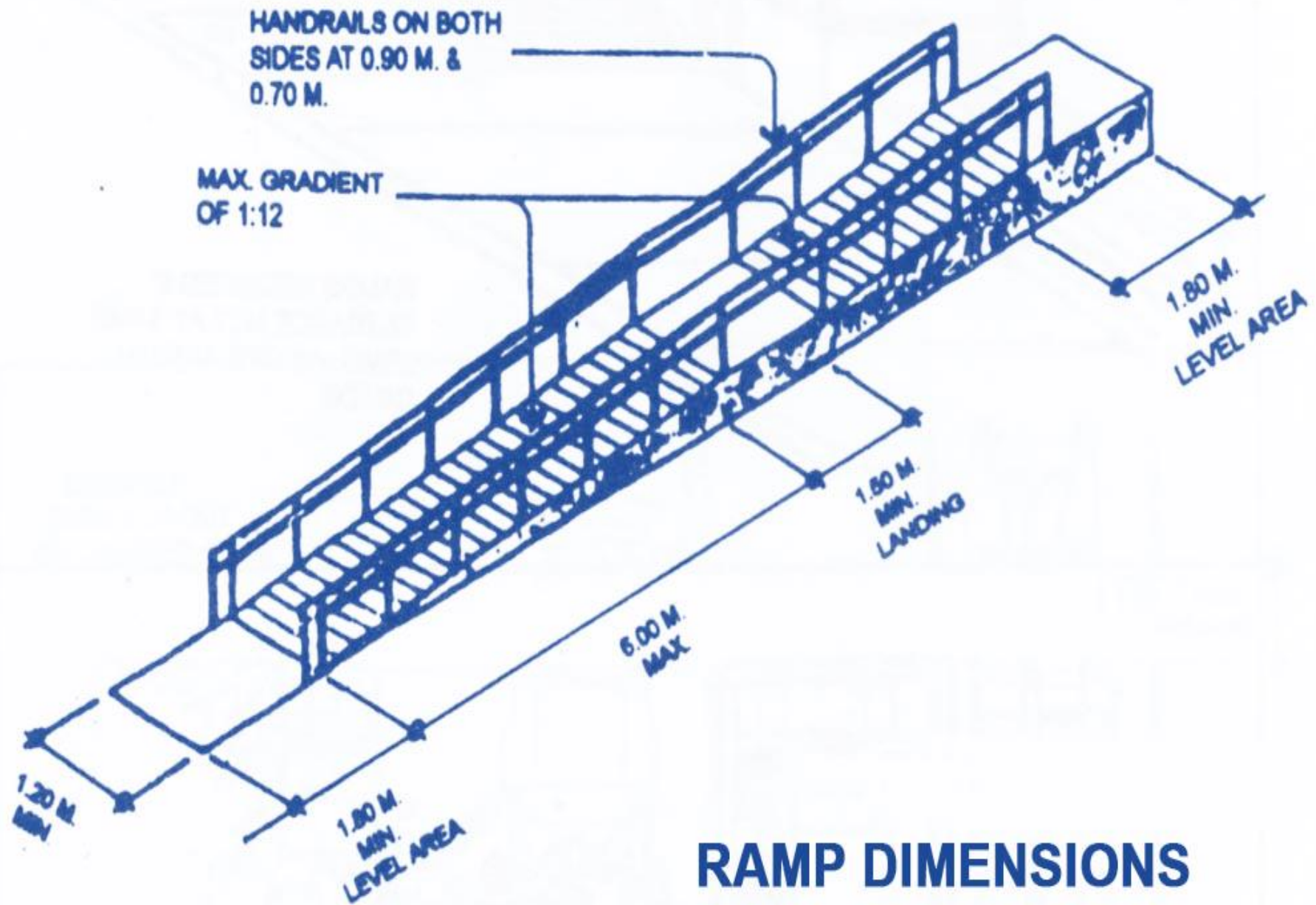
- ✓ A 0.30 m long extension of the handrail should be provided at the start and end of ramps and stairs





08/29/2006



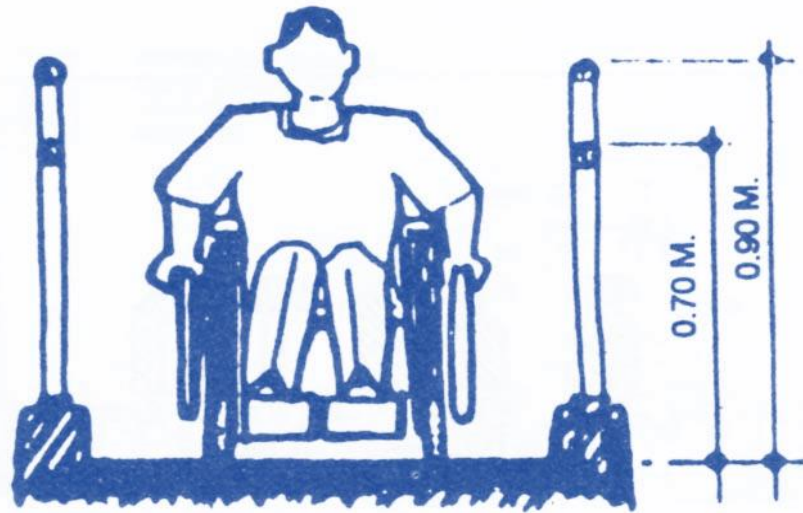


## RAMP DIMENSIONS

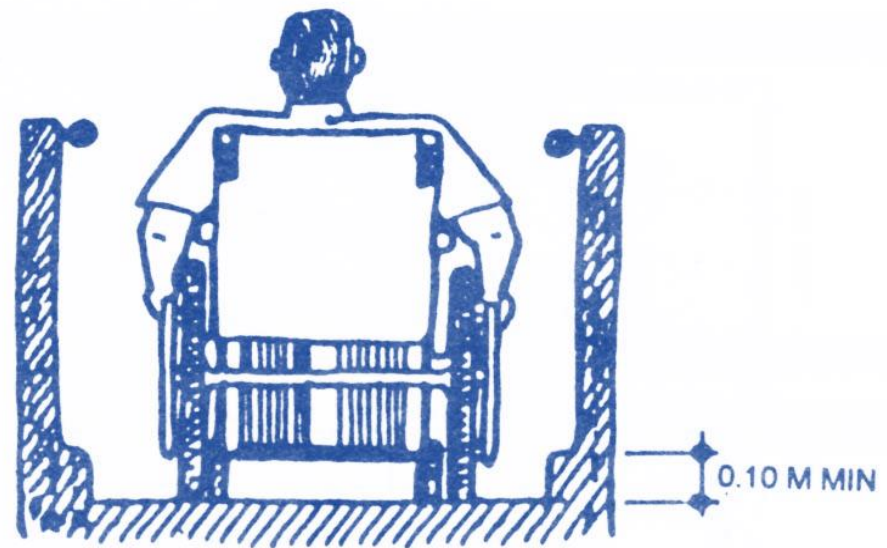






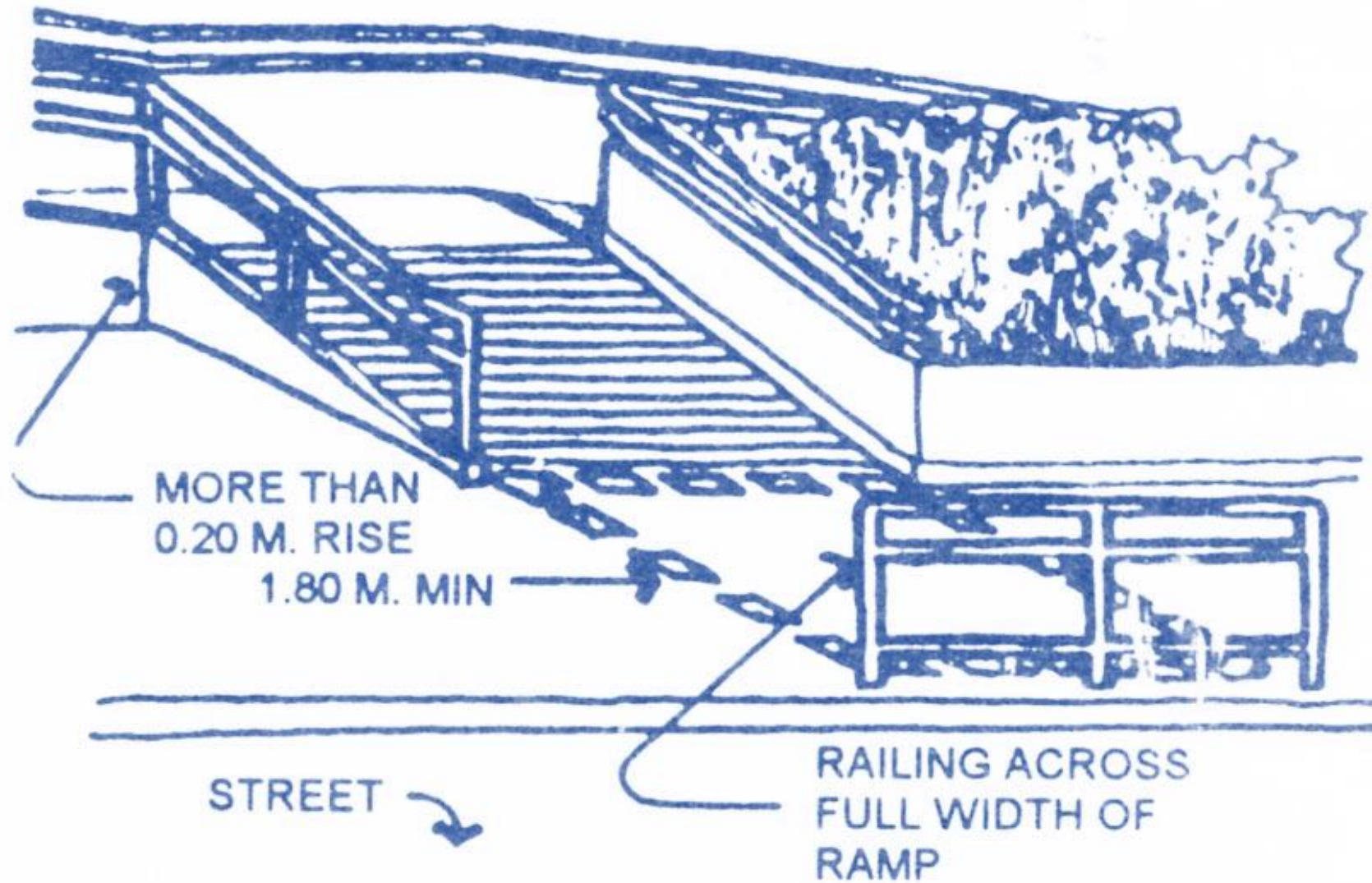


**HANDRAIL HEIGHT**



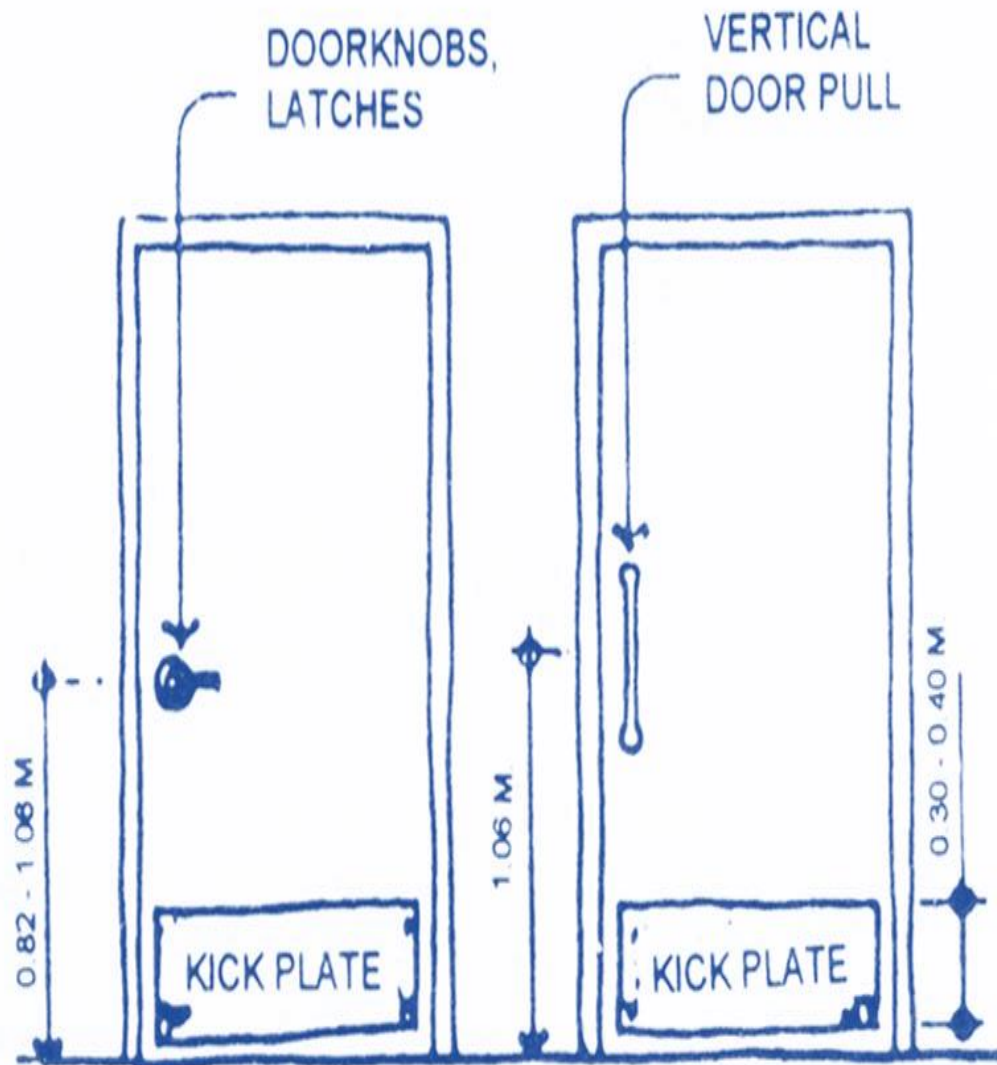
**CURB HEIGHT AT RAMP**





## **RAMPS & VEHICULAR TRAFFIC**

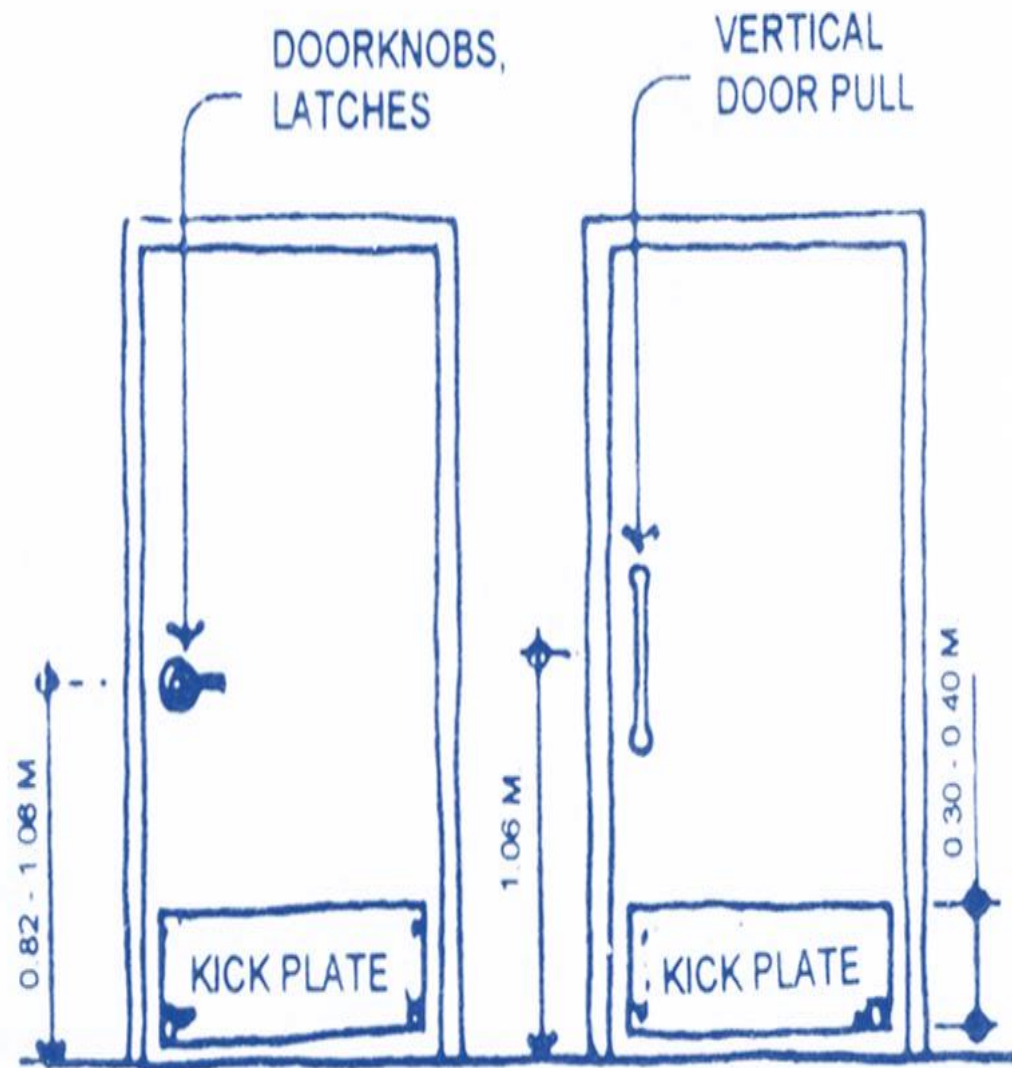




**DOOR HARDWARE**







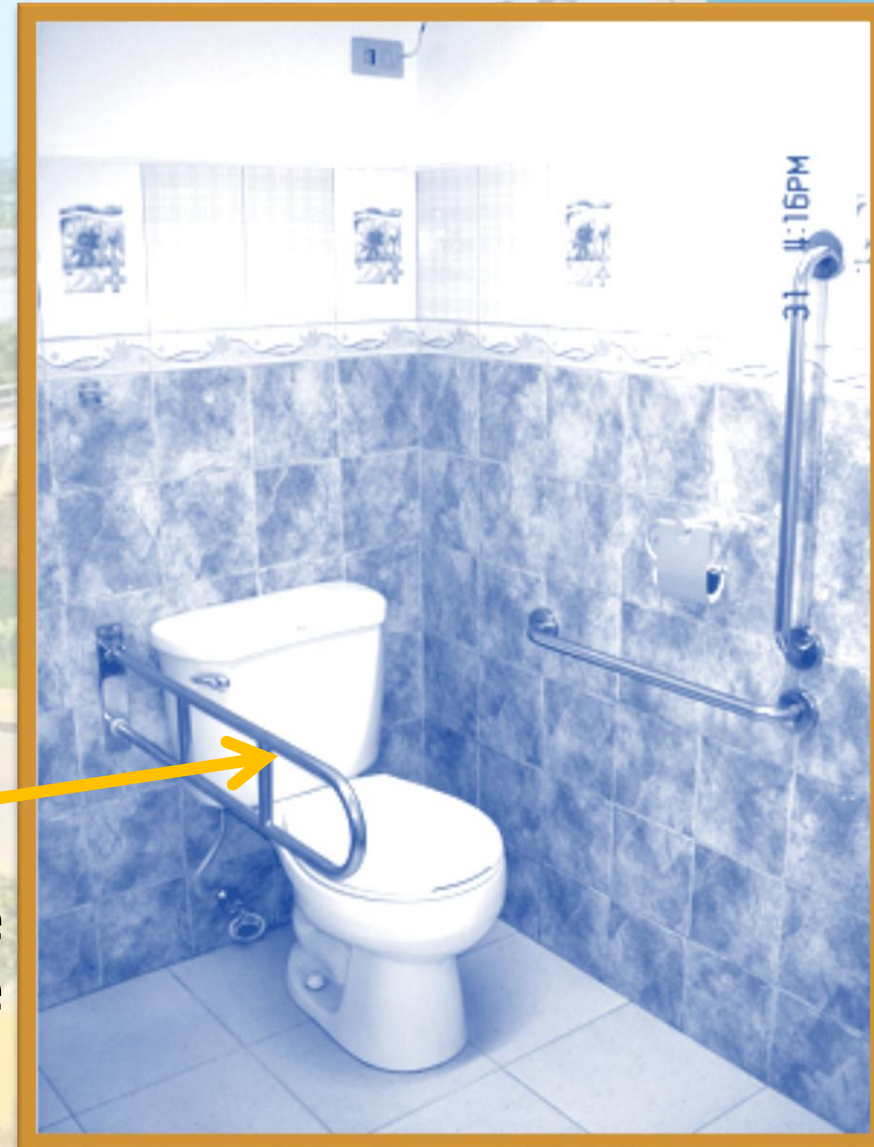
**DOOR HARDWARE**







Accessible toilet cubicles/stalls shall have a minimum area of 1.70 x 1.80 m. One **movable grab bar** and one fixed to the adjacent wall shall be installed for lateral mounting; fixed grab bars for frontal mounting.



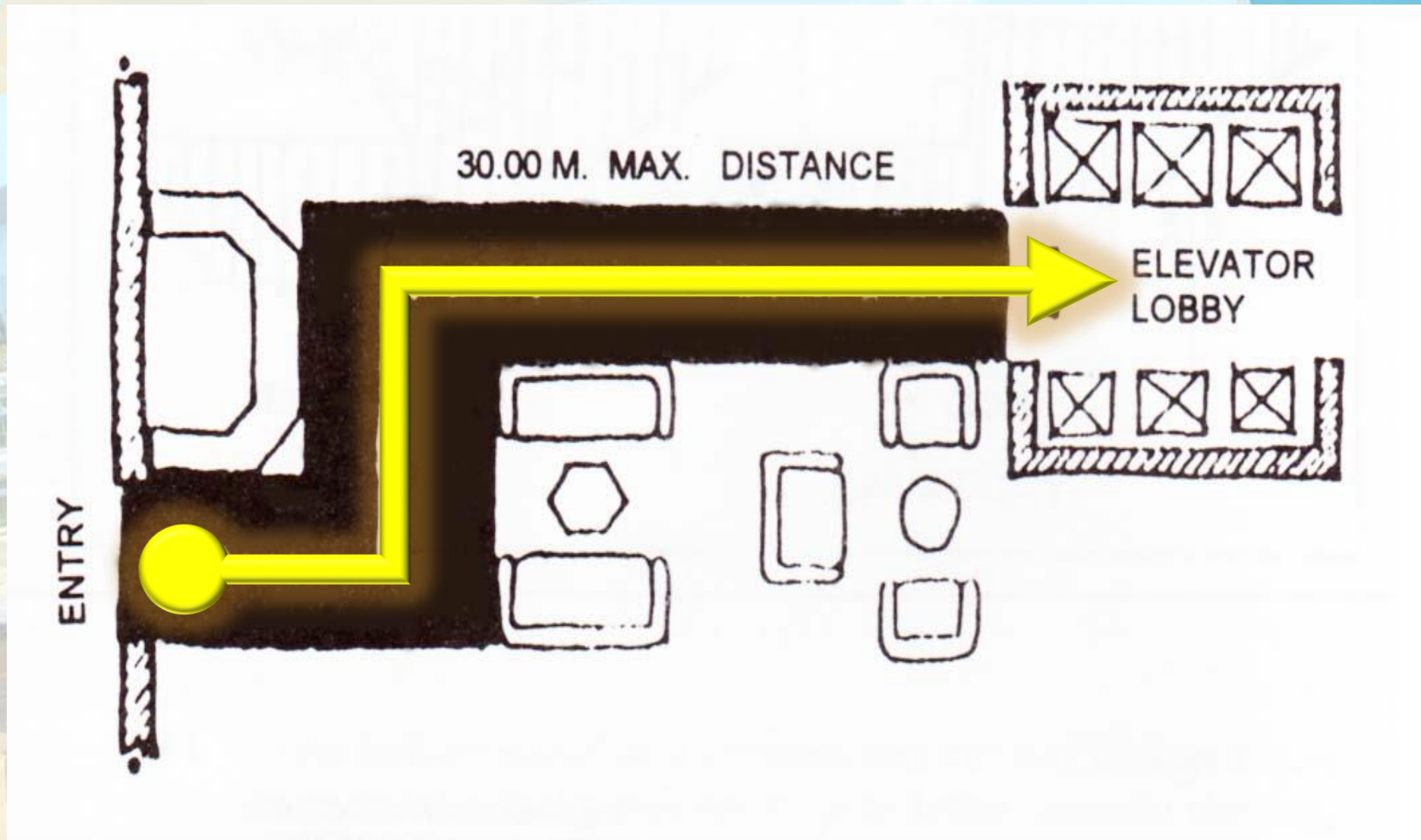




## **UNIVERSALLY-DESIGNED ACCESSIBLE LAVATORIES**

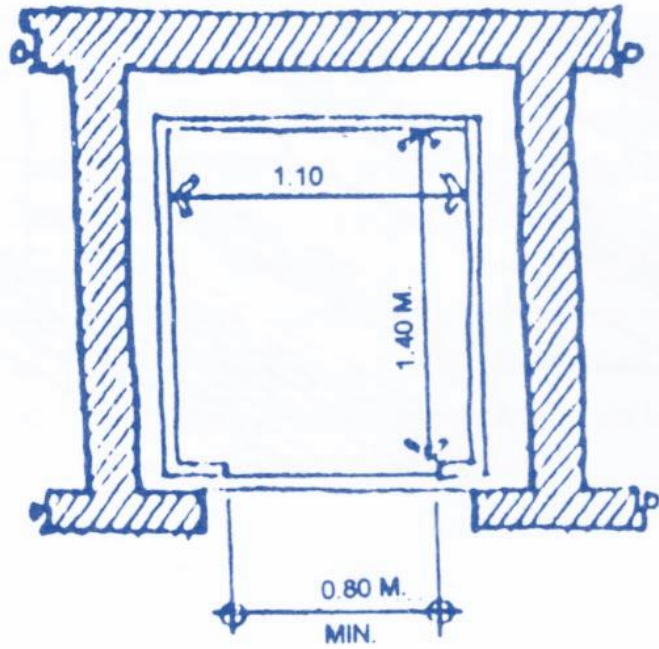
- ✓ Preferably split-level for standing and seated users
- ✓ Higher lavatory top at 800 mm from floor.
- ✓ Lower lavatory (for kids and wheelchair-users) at 700-750 mm. (*A priority for PWD toilets*)
- ✓ Must have open space underneath for wheelchair footrest.



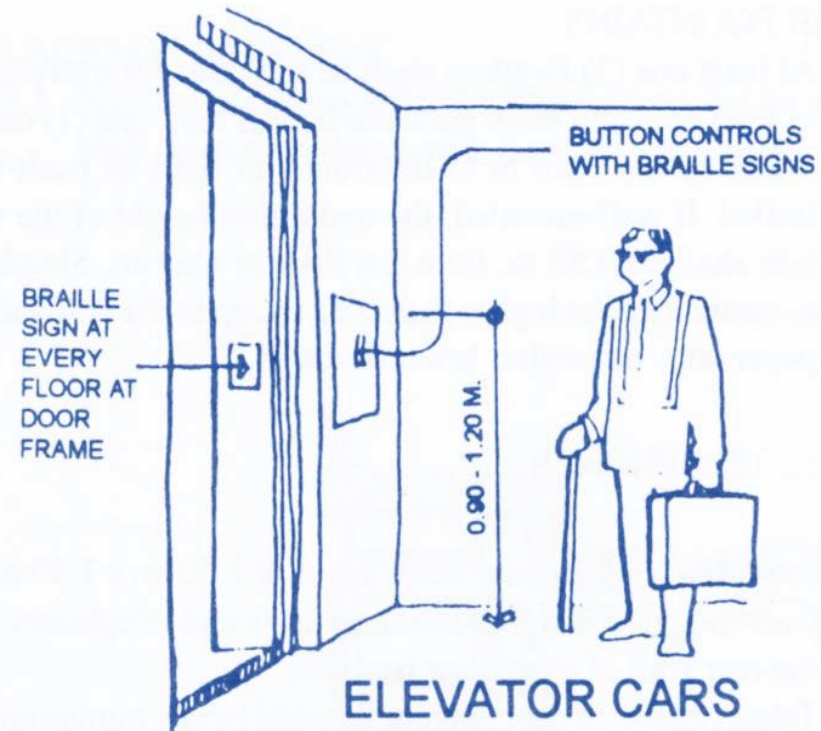


- ✓ Accessible elevators should be located not more than 30.00m from the entrance and should be easily located with the aid of signs.





MIN. DIMENSIONS OF ELEVATOR





*Revised IRR prescribes the mandatory design, construction and safety requirements :*

**Low Rise Building/Structure**

- one-storey up to 5-storeys in height; while not requiring an elevator if it is for purely residential use, fire escapes and other safety systems are mandatory.

**Medium - Rise Building/Structure**

- from 6 storeys up to 15-storeys; elevators, fire escapes, sprinkler systems and other safety systems are mandatory.

**High-Rise Building/Structure**

- 16-storeys or taller; elevators, fire escapes, arresters, beacons and other safety systems, particularly if near airports, are mandatory.



The background features a photograph of a large, modern, multi-story building with a glass facade and balconies, set against a clear blue sky. The building is partially obscured by a semi-transparent blue overlay. In the foreground, there are decorative elements: a large blue diagonal stripe on the left, and a cluster of interlocking gears in blue, green, and yellow on the right and bottom. The text is centered over the image in a large, bold, black, italicized serif font.

*Thank you  
and  
a pleasant day to all!*