



NIPMAN
FOUNDATION

HEALTH, DIGNITY & HAPPINESS

MANDOLI JAIL ACCESS AUDIT

Mangal Pandey Marg, Harsh Vihar, Village Mandoli,

New Delhi, 110093

(ANNEXURE NO. 1)



On
22.05.2018
NIPMAN
FOUNDATION

For

W.P.(C) 3146/2012

W.P.(C) 4425/2012

W.P.(C) 1449/2014

W.P.(C) 4588/2014

W.P.(C) 1138/2014

As per the

Order dated 26.04.2018 by the Hon'ble Delhi High Court

NIPMAN FOUNDATION

Access Audit Team

Priyanka Malhotra – Managing Trustee

Nipun Malhotra – CEO

Richa Mehta – Project Manager

Sakshi Ahlawat – Project Coordinator

Vithika Aggarwal – Project Coordinator

Vinay Kumar – Team Member



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Color Indicators:

COLOUR	INPUTS
Orange	OBSERVATIONS
Green	APPROVED AND ACCEPTABLE
Blue	RECOMMENDATIONS
Black	TARGET AUDIENCE

PREFACE

I would like to start off by profusely thanking the Hon'ble Acting Chief Justice, Delhi High Court, Ms. Gita Mittal for giving us the opportunity to audit Mandoli Jail and check it's accessibility for inmates and visitors with Persons with Disabilities. Prison rights is an issue still in a nascent stage in India and we are grateful that the High Court has decided to throw it's weight behind them.

This audit would not have been possible without the support and guidance of my mother, Priyanka Malhotra and our team that includes Richa Mehta, Vithika Aggarwal, Sakshi Ahlawat, Shankar Bhandari and Vinay Kumar.

As per the Hon'ble High Court order dated 26.04.2018, Nipman Foundation team carried out an access audit of Mandoli Jail on 22.05.2018. We were accompanied by Mr. Vijay Goswami, Deputy Superintendent, Mr. Sanjiv Sharma, Superintendent, and Mr. Ashok Sharma and his team. Citing security reasons, we were not allowed to take our cameras in to the premises for the audit and relied on a cameraperson allocated by the jail authorities.

The report that follows includes our recommendations to facilitate accessibility, as defined under the Harmonized Guidelines and Space Standards for Barrier Free Environment for Persons with Disability and Elderly Persons, 2016. However, since the jail has been constructed last year, it was fairly accessible for PwD and elderly. Nonetheless, suggestions for improvement have been given below. These observations and recommendations here are on maintenance issues, those affecting daily lives of disabled stakeholders and those causing safety hazards.

Though beyond the scope of the audit, we observed that although provisions are in place to cater to the health needs of the inmates, no **counselor** is available to the patients suffering from suicidal ideation. Thus, we'd like to recommend the availability of a counselor within the Jails. Further, the hospital visits by the psychiatrist needs to be increased from twice a week so that inmates can easily access the services provided by the psychiatrist. Further, during an interaction with the inmates, we noticed that **the ventilation system in the wards do not function properly**. To counter this, we recommend fans to be installed in the wards.

During the audit, we **tested the jail's fire safety awareness by testing** how much time is taken to find the keys and open the door to the fire hose reel. In total, it took 8 minutes for the key to arrive, which may as well serve as a safety hazard for the inmates and prison staff.

We would also recommend that inmates with disabilities be put to meaningful activities during their stay in the prison. Further, PwD can be recruited as Prison Staff within the administrative block as their basic right to generate a livelihood.

Thank you

Nipun Malhotra
CEO
Nipman Foundation



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(ANNEXURE NO. 1)

1. Mandoli Jail Headquarters

1.1 Iron Gate leading to the headquarters.

OBSERVATIONS:

- Gate at a height of 10”.
- Small iron-gate with a width of 33”.

RECOMMENDATIONS: Lowering of the iron-gate.

WHO WILL BENEFIT: All visitors and prisoners. People with visual and locomotor disabilities.



1.2 Entrance to the Headquarter

OBSERVATIONS: Obstruction of ramp by a plant pot.

RECOMMENDATIONS: Relocation of the plant in a non-obstructive way.

WHO WILL BENEFIT: All visitors and prisoners. People with visual and locomotor disabilities.



1.3 OBSERVATIONS: Upon entry, Biometric device placed at a height of 47"

RECOMMENDATIONS: Lowering of the biometric device at a height accessible to a wheelchair user.

WHO WILL BENEFIT: People with locomotor disabilities and the elderly.



1.4 Administrative Block (within the Headquarter)

OBSERVATIONS: Entry doorway with a closer, posing as a safety hazard for wheelchair users.

RECOMMENDATIONS: Removal of door closer.

WHO WILL BENEFIT: Persons with visual and locomotor disabilities.



1.5 Administrative Block (within the headquarters)

OBSERVATIONS: Obstruction by 'Welcome Mat' at the entrance.

RECOMMENDATION: Permanent removal of the mat/ Flatter mat.

WHO WILL BENEFIT: People with locomotor and visual disabilities.

Lack of image for supporting evidence

2. Jail No. 16

2.1 Entry Gates

OBSERVATIONS:

- Inaccessible entry via the small iron gates.
- Small Iron gates at a height of 17" from the floor surface.
- Small Iron gates with a width of 30".

RECOMMENDATIONS: Lowering of the small iron gate.

WHO WILL BENEFIT: People with visual and locomotor disabilities.





2.2 Registration Table

OBSERVATIONS: Registration table at a height of 46.2"

RECOMMENDATIONS: Lowering of the table to a height of 31.2" approximately.

WHO WILL BENEFIT: People with locomotor disabilities and the elderly.



2.3 OBSERVATIONS:

- Table for administrative use at an appropriate height of about 35", with a width of 29".
- Clear knee space for wheelchair users.

WHO WILL BENEFITS: People with locomotor disabilities.



2.4 Mulakat Room

OBSERVATIONS:

- All 34 counters inside the Mulakat Room were at an appropriate height of 36".
- Accessible entrance leading inside the Mulakat Room, with a width of 35".

WHO WILL BENEFIT: People with locomotor disabilities and the elderly.





2.5 Staff Toilets

OBSERVATIONS:

- Absence of appropriate grab bars in the women's toilets.
- Presence of grab bars in Male toilets.
- Presence of a door closer in both the toilets.
- Absence of an audio/ flash alarm.
- Signage indicating to an accessible toilet only on the men's toilet entrance
- Washbasin in the men's toilet at a height of 35".

RECOMMENDATIONS:

- Presence of L shaped and D shaped grab bars in the women's toilets.
- Removal of door closer in both the toilets.
- A unisex accessible toilet should be constructed or made available in the premises.

- An alarm switch or pull cord which activates an emergency audio/ flash alarm should be provided at 35.4”

WHO WILL BENEFIT: People with locomotor and visual disabilities.



2.6 Ward No. 1

OBSERVATIONS:

- Presence of a ramp of an appropriate slope with hand rail on one side at two levels.
- Abrupt ending of the handrails at the edges.

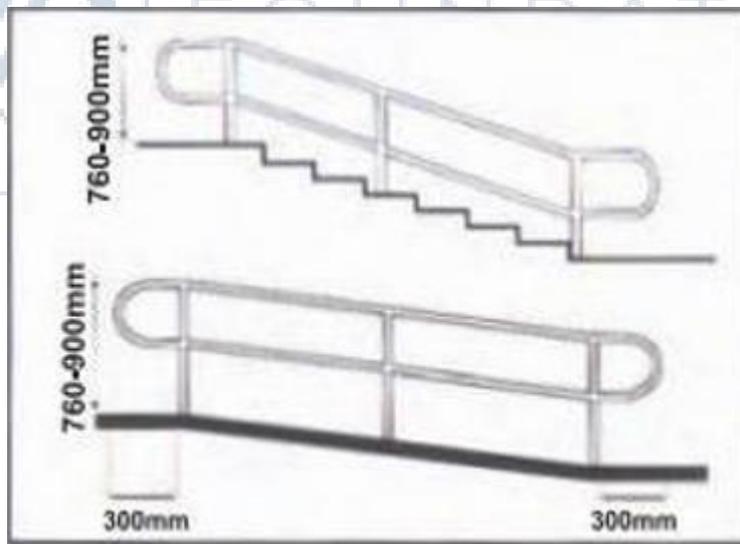
- Absence of handrails on one side of the ramp.

RECOMMENDATIONS:

- Handrail at the two levels should be connected at the edges like so resulting in a curved ending, clearly indicating towards an approaching ramp ending.
- Provision of appropriate handrails at two levels on both sides of the ramp.

WHO WILL BENEFIT: People with locomotor and visual disabilities.





Typical Railing – Ht 900mm & 760mm

2.7 Ward 1 Toilet Area

OBSERVATIONS: Presence of wash basin at appropriate height and handrail.

WHO WILL BENEFIT: Persons with locomotor disabilities and elderly.



2.8 Ward 1 Toilets

OBSERVATIONS:

- Presence of Grab bars at a distance of 11" from the commode.
- The toilet flush is at an appropriate height.
- Inaccessible toilet for a wheelchair user owing to the lack of movement space (W= 24.5") and incorrectly placed tap behind the toilet door.

RECOMMENDATIONS:

- Relocation of the tap to an appropriate place.
- Widening of toilet premises such that it is accessible for a wheelchair user.

WHO WILL BENEFIT: Wheelchair users.



2.9 Embroidery Room

OBSERVATIONS: Presence of a step with a height of 1.5"

RECOMMENDATIONS: Levelling of the step.

WHO WILL BENEFIT: Persons with visual and locomotor disabilities and elderly.



2.10 M.I. Room inside Jail No. 16

OBSERVATIONS: Presence of a ramp with appropriate slope and width.

RECOMMENDATIONS: Provisions of a handrail at two levels with curved edges.

WHO WILL BENEFIT: Persons with visual impairment and elderly.



2.11 OBSERVATIONS: Accessible washrooms with grab bars at both sides at a distance of 24"; accessible wash basin and doorway.

WHO WILL BENEFIT: People with locomotor and visual disabilities and elderly.



3. Jail No 14

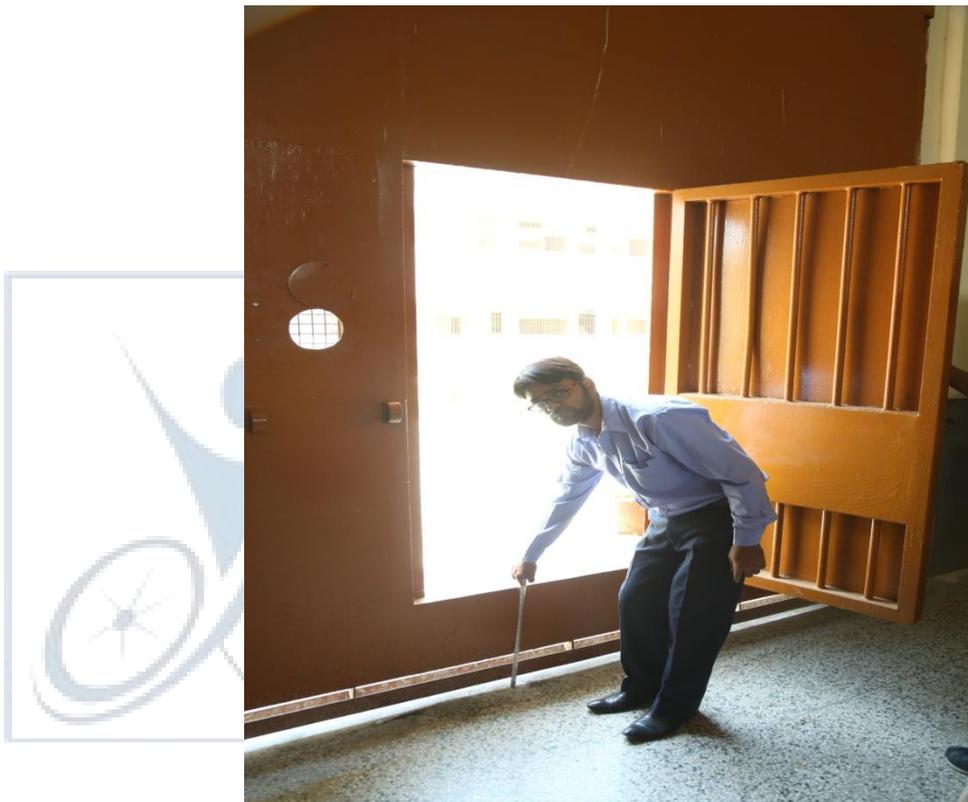
3.1 Entry Gates

OBSERVATIONS:

- Inaccessible entry via the small iron gates.
- Small Iron gates at a height of 17" from the floor surface.
- Small Iron gates with a width of 30".

RECOMMENDATIONS: Lowering of the small iron gate.

WHO WILL BENEFIT: People with visual and locomotor disabilities.



3.2 OBSERVATIONS: Registration table at a height of 46.2"

RECOMMENDATIONS: Lowering of the table to a height of 31.2" approximately.

WHO WILL BENEFIT: People with locomotor disabilities and the elderly.



3.3 OBSERVATIONS: Availability of wheelchair.

RECOMMENDATIONS: Signage indicating the availability of wheelchair required.

WHO WILL BENEFIT: People with disabilities and elderly.



3.4 Mulakat Room

OBSERVATIONS:

- All 34 counters inside the Mulakat Room were at an appropriate height of 36"
- Accessible entrance leading inside the Mulakat Room, with a width of 35".

WHO WILL BENEFIT: People with locomotor disabilities and the elderly.

3.5 M.I. Room inside Jail No. 16

OBSERVATIONS: Presence of a ramp with appropriate slope and width.

RECOMMENDATIONS: Provisions of a handrail at two levels with curved edges.

WHO WILL BENEFIT: Persons with visual impairment and elderly.

3.6 OBSERVATIONS: Accessible washrooms with grab bars at both sides at a distance of 24"; accessible wash basin and doorway.

WHO WILL BENEFIT: People with locomotor and visual disabilities



3.7 Washroom in Male Ward No. 1

OBSERVATIONS: Presence of a step at the entrance with a height of 4"

RECOMMENDATIONS: Levelling of step

WHO WILL BENEFIT: Persons with locomotor disabilities.



3.8 NGO Building

OBSERVATIONS: Presence of a flight of three steps with a total height of 14"

RECOMMENDATIONS: Construction of a ramp with a 1:12 slope and appropriate width.

WHO WILL BENEFIT: Persons with locomotor disabilities.



3.9 Canteen and Press Room

OBSERVATIONS: Presence of a ramp at a height of 13"

RECOMMENDATIONS: Handrails need to be constructed at both sides with curved edges.

WHO WILL BENEFIT: Persons with visual impairment and elderly.



3.10 Langaar Room (Kitchen) Ward No. 3

OBSERVATIONS: Absence of a ramp; flight of two steps with a total height of 9.5"

RECOMMENDATIONS: Construction of a ramp with a 1:12 slope.

WHO WILL BENEFIT: Persons with locomotor disabilities, visual impairment and elderly.



4. Jail No 14 Factory

4.1 **OBSERVATIONS:**

- Presence of a ramp in front of all eight halls.
- Ramp leading to Hall no. 8 (Baking Unit) is broken.

RECOMMENDATIONS:

- Levelling and maintenance of ramp leading to Hall No. 8 (Baking Unit).

WHO WILL BENEFIT: People with visual and locomotor disabilities and elderly.



5. Jail No 14 Multipurpose Building

OBSERVATIONS

- Presence of a step at the entrance of the building with a height of 7"
- Availability of a ramp leading to both the floors within the building
- All rooms accessible within the building

RECOMMENDATIONS: Construction of a ramp with a 1:12 slope with handrails on either sides.

WHO WILL BENEFIT: Persons with locomotor and visual disabilities and elderly.



Annexure A

Standard Signage

1. Signage includes direction signs and information signs, signs naming area and locality, street names and maps etc.
2. All signs should be visible, clear (easy to see and understand), concise (simple, short and to the point) and consistent (signs meaning the same thing should always appear in the same manner), non-shiny and properly lit at night. Information should be supplemented with pictogram which benefits everyone, including those with hearing impairments.
3. Signs should be in a large, easy to read font with good colour contrast – for example, a sans serif black font on a white background. Clear signs at drop-off zones and parking areas will help direct people to specific areas across the event site. Signs should indicate the accessibility features located along the path of travel and event areas. Signs at different heights can also help assist people moving through crowds, and help them see when they are at specific locations.
4. **EXTERNAL:** Should be mounted 2000mm (78.7") above the floor level, to be easily distinguishable from 2-3 meters (6.6'-9.8') distance. The smallest letter type should not be less than 15mm (0.6").
5. **INTERNAL:** Should be mounted on the wall, between 1400mm (55.1") and 1700mm (66.9") from the floor level.
6. The individual characters between 15mm- 50mm (0.6"- 2") tall, raised by 1-1.5mm (0.04"-0.06"), bold & colour contrasted with their background and also in Braille.
7. Accessible Plates and facilities should be clearly identified by the International Symbol of Accessibility.



Annexure B

Footpath Recommendations

1. Must be easy to follow, obstruction free for the convenience of all users
2. Surface should be smooth and levelled, continuous, firm, non-slippery and even.
3. Height of the footpath should not be more than 150mm (5.9") from the road level.
4. Consistency in heights and continuity of footpaths should be maintained.
5. Every change in level on the footpath (a step, curbs or road works) should be more clearly visible through the use of bright contrasting colours.
6. Width of the footpath should not be less than 1800mm (70.9") and minimum clear unobstructed path should be 1200mm (47.2").
7. Street furniture/stalls/benches should be placed outside the path of travel, preferably along a continuous line and should be easy to detect.
8. Resting places should be provided along routes.
9. Protruding elements should be avoided.
10. Bollards should be 1000mm (39.4") high, painted in contrasting colour strips with clear minimum gap of 1200mm (47.2").
11. The entire walking footpath should preferably have tactile tiles.



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Annexure C

Standard PwD bathroom recommendations

1. The washbasin should be of dimensions 520mm (20.5") and 410mm (16.1"), so mounted that the top edge is between 700mm- 800mm (27.6" - 31.5") from the floor. It should have a knee space of at least 760mm (29.9") wide by 200mm (7.9") deep, by 650mm- 680mm (25.6"-26.8") high.
2. Lever type handles for taps are recommended.
3. Mirror's bottom edge to be 100mm (39.4") from the floor and the mirror maybe inclined at an angle.
 - a. An alarm switch or pull cord which activates an emergency audio alarm (at the reception/attendants desk) should be provided at 900mm (35.4") and 300mm (11.8") above floor finish, close to the side wall near the WC and 750mm (29.5") away from the rear wall.
4. **All toilets must have pictograms (male in triangle and female in circle), marked on plates along with Braille & raised alphabets, put on wall next to door at 1400mm-1700mm (55.1"-66.9").**
5. A distinct audio sound (beeper/clapper) may be installed above the entrance door for identification of toilets.
6. At least one of the urinals should have grab bars, installed on each side and in the front to support ambulant persons with disabilities (for example bi-lateral crutch users).
7. The front bar is to provide chest support, the side bars are for the user to hold while standing. Urinals shall be stall- type or wall hung, with an elongated rim at a height maximum of 430mm (16.9") above the finish floor.
8. A clear floor space 900mm (35.4") by 1200mm (47.2") should be provided in front of urinals to allow forward approach.
9. Urinal shield (that do not extend beyond the front edge of the urinal rim) may be provided with 735mm (28.9") clearance between them.
10. A minimum of one toilet compartment should have enough floor space for wheelchair users to enter and exit.
11. Minimum clear floor space of 200mm x 1750mm (78.7" x 68.9") is required and ideally it should be 2200mm x 2000mm (86.6" x 78.7").
12. Provide a door of clear opening of at least 900mm (35.4") with door swing outwards or to be a folding or sliding door.
13. Should have slip resistant flooring.
14. Door should have a horizontal pullbar at least 600mm (23.6") long inside and 140mm (5.5") long on the outside, at height of 700mm (27.6").
15. An unobstructed space 900mm (35.4") wide should be provided from the edge of the Water Closet to the washbasin/ wall, to facilitate side transfer together with a clear space of 1200mm (47.2") in front of the Water Closet.
16. Water Closet centreline to be located between 460mm (18.1") to 480mm (18.9") from the adjacent wall.
17. The top of the Water Closet to be 450mm (17.7") to 480mm (18.9") from the floor.
18. Should have a back support.
19. Grab bars should be provided. On the transfer side U- shape movable type and on the wall side L shaped grab bar is preferred.
20. Toilet partitions can be re arranged to increase manoeuvring space for PwD's.

21. The toilet seat must also be raised to enhance accessibility of the toilet.
22. A full length mirror can be installed in the bathroom.
23. The paper towel and soap dispenser along and the hand dryer should be re positioned according to the needs of PwD's.



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Annexure D

Standard Parking Recommendations

1. Parking should be within 30 meters (98.4') of the main entrance of the building.
2. Two accessible parking lots with overall minimum dimension 3600mm x 5000mm (141.7" x 196.9") should be provided.
3. It should have the international symbol of accessibility painted on the ground and also on the signpost/ board.
4. There need to be directional signs guiding people to the accessible parking space.
5. Wheel stoppers to be provided, to avoid vehicles to occupy space on the pedestrian pathway.



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Annexure E

Standard Evacuation- Emergency Plan

1. Note that individuals with unobservable disabilities may or may not self-identify before an emergency. These individuals may need additional help during emergency situations. These may include: a learning disability, a psychological disability, chronic back problems, asthma, arthritis, cardiac conditions.
2. Identify and train guards and staff so at least a trained person is always present for assistance.
3. The area safety coordinator should prearrange appropriate evacuation procedures and routes with individuals having disabilities.
Identify a spot for assembling all PwD's to carry out evacuation. However, it is important to verify that individuals using any kind of assistive device are capable of successfully leaving the area, unassisted, via emergency routes.
4. Another method of evacuation is the 'Evacuation Chair' which can be purchased to help evacuate disabled individuals in case of an emergency.
A stretcher or wheelchairs can also be used in such a situation.
5. Audible fire alarms to be supplemented by flashing lights to alert persons with hearing impairment.
Clear, well illuminated signage indicating escape routes is essential.



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