PARK FOR THE DISABLED AT NALGONDA ‘X’ ROADS

Greater Hyderabad Municipal Corporation
INTRODUCTION

A disability may be physical, cognitive, mental, sensory, emotional, and developmental or some combination of these.

Disabilities is an umbrella term, covering impairments, activity limitations and participation restrictions. An impairment is a problem in body function or structure; an activity limitation is a difficulty encountered by an individual in executing a task or action; while a participation restriction is a problem experienced by an individual in involvement in life situations. Thus disability is a complex phenomenon, reflecting an interaction between features of a person’s body and features of the society in which he or she lives.

- World Health Organization

A disability may occur during a person’s lifetime or maybe present from birth.
PARK FOR THE DISABLED

Types of disability:

• PHYSICAL DISABILITY

• SENSORY DISABILITY
  i. Visual impairment
  ii. Hearing impairment
  iii. Balance disorder

• INTELLECTUAL DISABILITY

• MENTAL HEALTH AND EMOTIONAL DISABILITIES

• DEVELOPMENT DISABILITY
Disability Access Sign Symbol Meanings:

1. Universal Information Symbol
2. International Symbol of Accessibility
3. Symbol indicating Audio Description for Theatre & Live Performances
4. Audio Description for TV, Films & Video
5. Large Print / Accessible Print Symbol
6. Symbol indicating Access for Individuals Who Are Blind or Have Low Vision
7. Braille Symbol
8. Telephone Typewriter Symbol
9. Sign Language Interpretation Symbol
10. Assistive Listening Systems Symbol (Ear)
11. Assistive Listening System Symbol (Telephone)
12. Closed Captioning Symbol
Desktop Study: Morgan’s Wonderland

Mission Statement
To provide a safe, clean beautiful environment free of economic barriers for special needs individuals of all ages.

Vision
The vision at Morgan’s Wonderland is to establish a special place where smiles and laughter make wonderful memories with family members, caregivers, and friends. Where the common element of play creates an atmosphere of inclusion for those with and without disabilities so everyone can gain a greater understanding of one another.
Morgan's Wonderland in San Antonio, the brainchild of the father of a daughter with special needs and billed as the world's first ultra-accessible family fun park, features rides and attractions easily enjoyed by those in wheelchairs or with cognitive disorders.

The park includes rides, interactive exhibits, playgrounds, gardens, a fishing lake and amphitheater. It has Braille signage. "It is the only one in the world ... (demand) is beyond anything we ever expected."

Admission to the 25-acre park is free for those with cognitive or physical disabilities; family members and friends pay $5 a person. Kids 3 and under are free. Cost for those without a disabled patron in their party is $15.
Desktop Study: Morgan’s Wonderland

The activities and amenities include three Play scapes, Train Rides with wheelchair accessible cars, ADA accessible restrooms, an Ultra Accessible Carousel, Catch and Release Fishing, Water Canons and Remote-Controlled Boats, a Gymnasium for basketball, volleyball and tennis, and much more.

There is a Special Event Center for up to six-hundred and fifty guests, you can walk and roll around the lake, there is an, ‘Around the World, themed picnic and rest area, a Water Play area, and a Race Track.

Morgan’s Wonderland has a Music Garden, Swings of several types, to include wheelchair swings, a Sand Circle, Sensory Village, a Garden Sanctuary and Memorial Wall. There are several rest stops, picnic areas and pavilions. Morgan’s Wonderland has two first aid stations and a feeding room as well.

The site has Braille signage, and Service Animal rest area. There is a Gift Shop and Counseling Center, as well as a VIA Transit Center.
TARGET GROUP

The target group is composed of five major categories:

(a) Wheelchair users
(b) People with limited walking abilities
(c) The sightless
(d) The partially sighted
(e) The hearing impaired

Other categories that may benefit to some extent from the proposed measures include the mentally disabled, people susceptible to physical fits, people with extreme physical proportions, and people with functional disabilities of the arm or hand.
Proposed park at Nalgonda ‘X’ Roads

Area of the proposed site is 1.03 acres (4205 sqm)

Three options are proposed as per the requirements.

Option 1:
Develop only the park (recreation purpose) for the disabled in general

Option 2:
Develop the park in isolated zones each according to the type of disability

Option 3:
Develop the park in recreation and therapy zones for all disabilities together.
Proposed park at Nalgonda ‘X’ Roads

Area of the proposed site is 1.03 acres (4205 sqm) The park could be divided into two zones:

1. Recreation Zone
2. Therapy Zone

Recreation zone could include:
- Rides
- Gardens
- Playfields/Gymnasiums

Therapy zone could include:
- Physiotherapy
- Art and Music therapies
- Hydrotherapy and others
Other facilities include;

• Restrooms with Universal design
• Special events center
• Amphitheater
• First aid stations
• Nursery
• Television stations offering sensory stimulation through lights, colours, sounds and textures.
• Counseling Center
Design Considerations

Obstructions:
The design will be a barrier-free path for the safety and independence of disabled people, especially the sightless.

Signage:
To facilitate orientation mainly for the disabled

Street Furniture:
To design accessible amenities convenient to all people, without obstructing the free passage of pedestrians along travel routes.

Pathways:
To provide accessible parking facilities as close as possible to the point of destination

Curb Ramps:
To overcome changes in level between the pavement and the road surface and also on the pavement itself

Pedestrian Crossing
To facilitate the safe and independent crossing of disabled people.

Parking
To provide accessible parking facilities as close as possible to the point of
destination
Proposed park at Nalgonda ‘X’ Roads

SALIENT FEATURES

- Amphitheatre
- Therapy block
- 2m wide wheelchair/pedestrian pathways
- Water body
- Sensory Theater(Event Center)
- Nursery
- Public toilets
- Grand Entrance
- Lawns and Fountains
- Counseling Center
Proposed park at Nalgonda ‘X’ Roads

ADMINISTRATION BLOCK

- Administration building for registration and supervision of events
- Sensory Theater for interactive learning for people with special needs of all ages
Proposed park at Nalgonda 'X' Roads

PLAYGROUND
- Equipped with specially designed playing equipment.
- Kiosks for snacks and relaxation
Proposed park at Nalgonda ‘X’ Roads

AMPHITHEATER

• Amphitheater can accommodate up to 200 persons (able/disabled) with green rooms and stage for performing artists.
• Can be booked for cultural activities of special schools.
• Exclusive park for the disabled Children.
Proposed park at Nalgonda ‘X’ Roads

**THERAPY ZONE**

Therapy zone could include:
- Physiotherapy
- Art and Music therapies
- Hydrotherapy and others
SUGGESTIONS FOR REVENUE GENERATION

• Amphitheater could be rented out for performing artists on designated days in a week.

• Special Playing equipment which could be expensive can be obtained in the form of donations.

• Sensory Theatre (Event Center) can be open to general public with an entry fee on a few days of the week.

• Admission fee could be collected from persons accompanying the disabled person.

• Fees from hoardings and advertisements, as this is located in a prime area.
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

SITE LOCATION – SURVEY LAYOUT
DESIGN CRITERIA
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

SITE AREA – 1.03 ACRES
4168.26 sqm

SITE CONNECTIVITY

PROPOSED SITE

TO CHADERGHAT

TO SANTOSHNAGAR

DEAF & DUMB CAMPUS

TO DLISHUKNAGAR

TO SANTOSHNAGAR

SITE LOCATION - CONNECTIVITY
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

- PERIPHERY PLANTATION
- THERAPY BLOCK
- CHILDREN’S PARK
- AMPHITHEATER
- 3 M WIDE PATHWAYS
- LAWNS WITH PLAY EQUIPMENT
- TOILET BLOCK
- SENSORY ROOMS
- ADMINISTRATION BLOCK
- ENTRANCE

SITE PLAN - SALIENT FEATURES
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

PLAN

THERAPY BLOCK

FRONT ELEVATION
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

AMPHITHEATER – VIEW 1
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

PLAN

FRONT ELEVATION

SENSORY ROOMS
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

SENSORY ROOMS – VIEW 1
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

PLAN

ADMINISTRATION BLOCK
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

PLAN

Ticket Counter 1

Ticket Counter 2

FRONT ELEVATION

ENTRANCE PLAZA
PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

PLAN

FRONT ELEVATION

TOILET BLOCK
# PROPOSED PARK FOR THE DISABLED AT NALGONDA CROSS ROADS

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<th>S.NO</th>
<th>DESCRIPTION</th>
<th>AREA IN SQMT</th>
<th>Cost (in Lakhs)</th>
<th>Cumulative Cost (in Lakhs)</th>
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- Electrification @ 10%
- Water supply @10%

**AREA STATEMENTS**