URBAN95 Phase II

Conceptual Designs
Child Priority Zone - Ashok Nagar
Site - Ashok Nagar, Land Use & Area Mapping

Inferences
- Inclusive Environment
- Enriched Green Spaces
- Connected With Major Nodes Of The City
Anchor Institute - Hanuman Park

**Characteristics**
- Surrounded by other ITCN destinations e.g., Playschool, community centre, temple etc.
- Anchor Institute has ITCN friendly equipment (Open gym, Play equipment, rest area, designated pathways etc.) to engage them.
- Anchor Institute is easily accessible from the rest area of the zone.

**Potential Support**
- Potential to attract more ITCN footfall and encourage their activities.
- **Ample space** to develop a playful and learning environment for the young kids.
- **Support facilities** like toilets, adjoining community centre, enclosed with the boundary wall and gate and peripheral lighting provisions for safety and security.
People Moving Observations

- Cars and two-wheeler used for commute
- Children seen cycling on internal streets
- Presence of cows and strays in the garden area
- Parked cycles outside Hanuman park
Stationary Activities

- Vegetable vendor stationed on an internal lane
- Garbage collection outside Hanuman park
- Gas cylinders and tempos parked at Road no. 16 turning
- Ice cream vendor setting up his stall in the afternoon
Early Childhood Development Targets

ECD will be promoted through:

The Special features are as:

1. **Safe** and interactive pathways – ROADS AND STREETS
2. Socially interactive, **joyful and playful** – DESIGNS ON ROADS AND WALLS
3. Dedicates area helps to **spend more time** – EXCLUSIVE PLAY AREA IN THE PARK
4. Gross motor skills (**Play in Sandpits, walk, run, jump, tot lots etc**) – SEATING AREAS IN ROAD CORRIDORS IN THE PARK
5. Cognitive Development – **GREEN AND VARIOUS MATERIAL FINISHES**
6. Socio-emotional Developments (seating and **interacting with other kids** and their caregivers) – SEATING AREAS IN ROAD CORRIDORS IN THE PARK
7. Creative development – **INNOVATIVE DESIGN THEMES**
8. **Language Development**: Interact with other kids and their caregivers, listening to different nature voices, queries – **WALL ARTS**
Composite Route Mapping for ITC Movement

Commercial shops on the periphery being preferred ITC destinations

Meeting point for children wherein they play cricket on the street

Temple and park is an essential ITC destination, but the main gate of park is regulated by temple staff who keep it locked periodically during cultural events

Regulated ITC moment in the CPZ area

Composite route map: Depicting the routes and stopping points taken by ITC in and around the anchor institute to understand the behavioural pattern
Overview of CPZ Interventions

Isometric view of Ashok Nagar Neighborhood – Depicting potential areas and highlighting key proposed solutions
Anchor Institute- Hanuman Park

**CHARACTERISTICS**
- Surrounded by other ITCN destinations e.g., Playschool, community centre, temple etc.
- Anchor Institute has **ITCN friendly equipment** (Open gym, Play equipment, rest area, designated pathways etc.) to engage them.
- Anchor Institute is easily **accessible from the rest area of the zone**.

**POTENTIAL SUPPORT**
- Potential to attract more ITCN footfall and encourage their activities.
- **Ample space** to develop a playful and learning environment for the young kids.
- **Support facilities** like toilets, adjoining community centre, enclosed with the boundary wall and gate and peripheral lighting provisions for safety and security.
Ashok Nagar Street Network - Conceptual Proposal

Proposed Special Features of the Project –

- Sidewalks
- Way finding signages
- Zebra crossing
- ITC safe crossings
- Traffic signages
- Rumble strips

Total Estimated Cost –
- Final Project – **Rs 70 Lacs**
- Semi Permanent Intervention – **Rs 2.21 Lacs**

After approval
- Planned Date of semi-permanent works – **15th Sept 22**
- Planned Date of Permanent Project works – **15th Dec 22**
Proposed plan
Existing & Proposed Street Section for 9.2m ROW

Junction to Harit Haeli Tiana Restaurant
Anchor Institute Concept & Zoning

Key Features

- Glancing into the design approach of anchor institute - Hanuman park
- Dedicated play area for ITC inside the park
- Engaging floor games, geometric patterns and active facades as sidewalks to make the park more accessible and increase footfall
- Cycle stands and dedicated parking spaces to resolve the issue of unorganized parking
- Introducing shared streets to increase engagement between caregivers and children of the neighbourhood
Conceptual Plan for Dedicated Children Zone

- Natural play elements, toddler swings, sandpits and rolling ground
ECD will be promoted through
1. Engaging/interactive games are park

2. Cognitive Development (understanding of shapes, colours, numbers, alphabets, different figures/puzzles etc.)

3. Cognitive Development (Imagination, creativity, engaging environment)

4. Socio-emotional Developments (Join attention and social interactions)
Outside Hanuman Park – Conceptualize Visual
Intersections – Conceptualize Visual
## Estimated Block Cost – for Final Project

### Block Cost for CPZ, Ashoknagar

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<thead>
<tr>
<th>S.No.</th>
<th>Items</th>
<th>Unit /Nos</th>
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For Testing of Design – Proposed Semi Permanent Interventions

- Accessibility of ITC movement is getting challenged while entering the park
- Existing Street Conditions of Ashok Nagar Road at Hanuman Park Road
**Proposed Semi-Permanent Ideas**

**ECD will be promoted through**
1. Engaging and playful sidewalks
2. Cognitive Development (Different shapes, Colors and creative floor games options)
3. Socio-Emotional: Asking about different Facades and arts; Uses of sidewalks/ Cycle stands etc)

Elements like demarcated sidewalks, an active façade and cycle stands to increase accessibility to the site and anchor the institute.
Proposed Semi-Permanent Ideas at Road Junction

- Porous Wall for visibility into the park
- Geometric pattern with vibrant colours at the junction to act as a traffic calming element and safe for pedestrians to walk by
- Speed limit signs
- Way finding signage

ECD will be promoted through
1. Social development – how to read and use signages
2. Safe, creative and engaging Pathways for Kids
3. Cognitive skills (navigation skills and visual perception)

Safety elements like colourful crossings to act as speed breaking component and increase pedestrian safety
Proposed Semi-Permanent Ideas at Road Junction

- Way finding signage
- Cycle stands outside park for easy accessibility
- Active facade
- Speed limit signs
- Sidewalk
- Zebra crossing

Before

- 5.6 m Carriageway
- 1.8 m Sidewalk
- 9.2 m
Interventions on approach road to Anchor Institute (park)

- **Way finding road markings and signages** will ease access for the park (Anchor Institute)
- **Improved road pavements and ramp** of the park will also help in increasing footfall

**ECD will be promoted through**

1. Safe crossing
2. Engaging and playful sidewalks with floor and active facades
3. Cognitive Development (Different shapes, Colors and creative floor games options)
4. Socio-Emotional: Asking about different Facades and arts; Uses of sidewalks/Cycle stands, Uses of signages with Caregivers etc)
Semi-Permanent Intervention at Neighbourhood Intersections

**ECD will be promoted through**

4. Socio-emotional Developments (seating and interacting with other kids and their caregivers)
5. Creative development (with puzzles, Floor art)
6. Language Development: Interact with other kids and their caregivers, listening to different nature voices, queries)

[Diagram of the intervention plan with labels for traffic signage, traffic calming elements, and pedestrian facilities.]

Junction north to the Harit Haveli Thikana Restaurant

Towards Hanuman Park (ITC Anchor Institute)
Proposed Street Sections for Semi-Permanent

ECD will be promoted through
1. Safe and interactive sidewalks
2. Gross motor skills (walk, run, jump, tot lots etc)
3. Cognitive Development (Green and engaging pathway, tot lots, Sing, drama)
Estimation for Testing the Designs

- Total estimated value for the proposed intervention is **Rs 2.21 Lacs**
- This will include painted surfaces of Wall, Flooring and Anchor Institute peripheral wall

### Cost Estimates for Tactical Interventions at Hanuman Park, Ashoknagar

<table>
<thead>
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<th>Items Description</th>
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<th>Rate</th>
<th>Amount</th>
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<td>Boundary Wall fencing - Iron fencing around Hanuman Park</td>
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<td>320</td>
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**TOTAL AMOUNT**

Rs 2,21,504
1. Way Finding Road Markings

Painted, engaging road markings directing toward the anchor institute (Hanuman park) and indicating the distance left

**ECD will be promoted through**

1. Social development – how to read and use signages
2. Safe, creative and engaging Pathways for Kids
3. Cognitive skills (navigation skills and visual perception)
2. Way Finding Signages

Signages in the surroundings of the park to indicate the direction and distance visually.

ECD will be promoted through:
1. Social development – how to understand and use signages
2. Safe, creative and engaging Pathways for Kids
3. Cognitive skills (navigation skills and visual perception)
3. Safe Crossings

Painted crossings allow pedestrians to walk by safely with children

**ECD will be promoted through**
1. Safe, creative and engaging crossing
2. Cognitive skills (navigation skills and visual perception)
5. Floor Games/ Patterns

Painted games/ puzzles/ shapes/ alphabets on the pathways to make it engaging and add to the learning of children

ECD will be promoted through
1. Safe and interactive pathways
2. Gross motor skills
3. Cognitive Development (Imagination, creativity, engaging environment)
4. Socio-emotional Developments (Join attention and social interactions)
5. Creative development (Practice and improve social skills)
6. Language Development: Semantic, phonological
6. Active Façade

Painted games/ puzzles/ shapes/ alphabets on the walls to make it engaging and add to the learning of children

ECD will be promoted through
1. Engaging/interactive pathways
2. Cognitive Development (understanding of shapes, colours, numbers, alphabets, different figures/puzzles etc.)
7. Cycle Stands

Existing cycle stand located at Town hall, Udaipur

ECD will be promoted through
1. Understanding of placing and aligning

Innovative cycle stands
8. Soft Surfaces Materials And Textures

Soft pavement for children, even pathways

Sand acting as a safe and natural surface material

**ECD will be promoted through**
1. Sensory Element (Touch, feel, smell etc.)
2. Motor Skills
3. Cognitive development
9. Dedicated Play Area For ITC

Play area with soft surfaces like sand/ rubber pavement and safe play equipment

ECD will be promoted through
1. Cognitive, social and motor skills development
## Solutions for Converting Barriers to Motivators

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<tr>
<th>Barriers</th>
<th>Temporary Design Solutions/Proposed Interventions</th>
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<td><strong>Accessibility</strong></td>
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<td>Lack of awareness of the presence of park</td>
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<td>Demotivated to use mobility options like cycles to reach ITC destinations due to the absence / dedicated cycle laned</td>
<td>Way- finding road markings</td>
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<td>People with strollers/ wheelchairs/ elderly unable to access park/ path-ways due to the absence of ramps and raised pathways</td>
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<td>Ramps, maintained level difference of ground with path way inside the park</td>
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<td><strong>Safety</strong></td>
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<td>Lack of road safety elements for pedestrians, heavy vehicular traffic</td>
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<td>Unsafe pavements for ITC in and around the park</td>
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<td>Lack of awareness of basic hygiene</td>
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<td>Parking on-street</td>
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### Solutions for Converting Barriers to Motivators

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<tr>
<td><strong>Playful</strong></td>
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| Absence of engaging and playful elements for ITC to interact with in public spaces | Active Facades  
                        | Playful Floor Games  
                        | Dedicated Play Area For ITC  
                        | Puzzles, Abacus On Side Walls  
                        | 3D Murals Of Animals & Other Elements In The Park  
                        | Pathway Signages  
                        | Key Messages On ECCD |
| Awareness regarding ECCD practices | Informed caregivers  
                        | Motivated/Converted Caregivers  
                        | Transformed, Engaged Caregivers |
Estimation for Testing the Designs

- Total estimated value for the proposed intervention is **Rs 2.21 Lacs**
- This will include painted surfaces of Wall, Flooring and Anchor Institute peripheral wall

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<thead>
<tr>
<th>S.No.</th>
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<td>1</td>
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<td>Coloured paint Litre</td>
<td>36</td>
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<td>12,248</td>
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**TOTAL AMOUNT** 2,21,504
Thank you