

Brief Background

Aishwarya Talluri

Hello !

My fervor interest for public spaces and their pivotal role in fostering community bonds is a cornerstone of my professional ethos. As an urban designer, I have been privileged to contribute to national and state government initiatives that not only prioritize public spaces but also cultivate them through a holistic lens of sustainability.

My journey has allowed me to spearhead certain projects and provide support for others, granting me a comprehensive view from the project's genesis, through meticulous design development, to the orchestration of stakeholder and consultant collaborations, ensuring successful project fruition.

Each phase of the project has been a source of passionate engagement for me, culminating in the delivery of high-caliber outcomes. Additionally, I have had the honor of participating in business development endeavors, crafting compelling business proposals and pitch presentations for the Design, Planning & Economics team at AECOM, further enriching my professional experience.

Work experience in :

- Urban Design and Planning**
- Project Coordination**
- Project proposals for business development**
- Report writing**
- Publication design**
- Stake Holder Consultations**

No. of Years of Experience : 5.5 Years

Education : Masters in Urban Design
Bachelor's in Architecture

Previous Employers:

- 2021 to 2024 - AECOM
- 2018 to 2020 - Design Innovation Center,
Ministry of Human Resource Development

Achievements:

- Circle of Excellence at AECOM
- ISOCARP International Student award for Masters' thesis

Thank-you for sparing time to review the work, I have attached sample work with brief descriptions.

References and recommendations available upon request.



Sample Work Summary

01

02

03

04

Details Upon request



Decentralized waste management, Urban innovation, India

Size: Caters to population of 10,000 people.

Client: Ministry of Human Resource and Development, India

Function: Integration of decentralized waste management system with public spaces in a safe and profitable way for the community.

Role: Project Associate
Preparation of project vision, timeline, coordination, stakeholder engagement, research and development, prototype development and on ground implementation.



**Redevelopment of
All India Institute of Medical
Sciences (AIIMS), New Delhi**

Role :
Urban Design and Planning Manager

About

The All India Institute of Medical Sciences (AIIMS), founded in 1956, has been pivotal in advancing healthcare and medical education in India, it embarked on a transformative journey to re-establish itself as a comprehensive medical university with AECOM as the project management consultant to guide this ambitious redevelopment. **The Master Plan envisages to integrate all 5 campuses into One AIIMS Campus with wise land usage and optimized infrastructure for the next 50 years.**

Project Area: 194 Acre

Scope of Project

(i) Master Planning: Pre-preparation and preparation of the Master Plan for the redevelopment of campus.

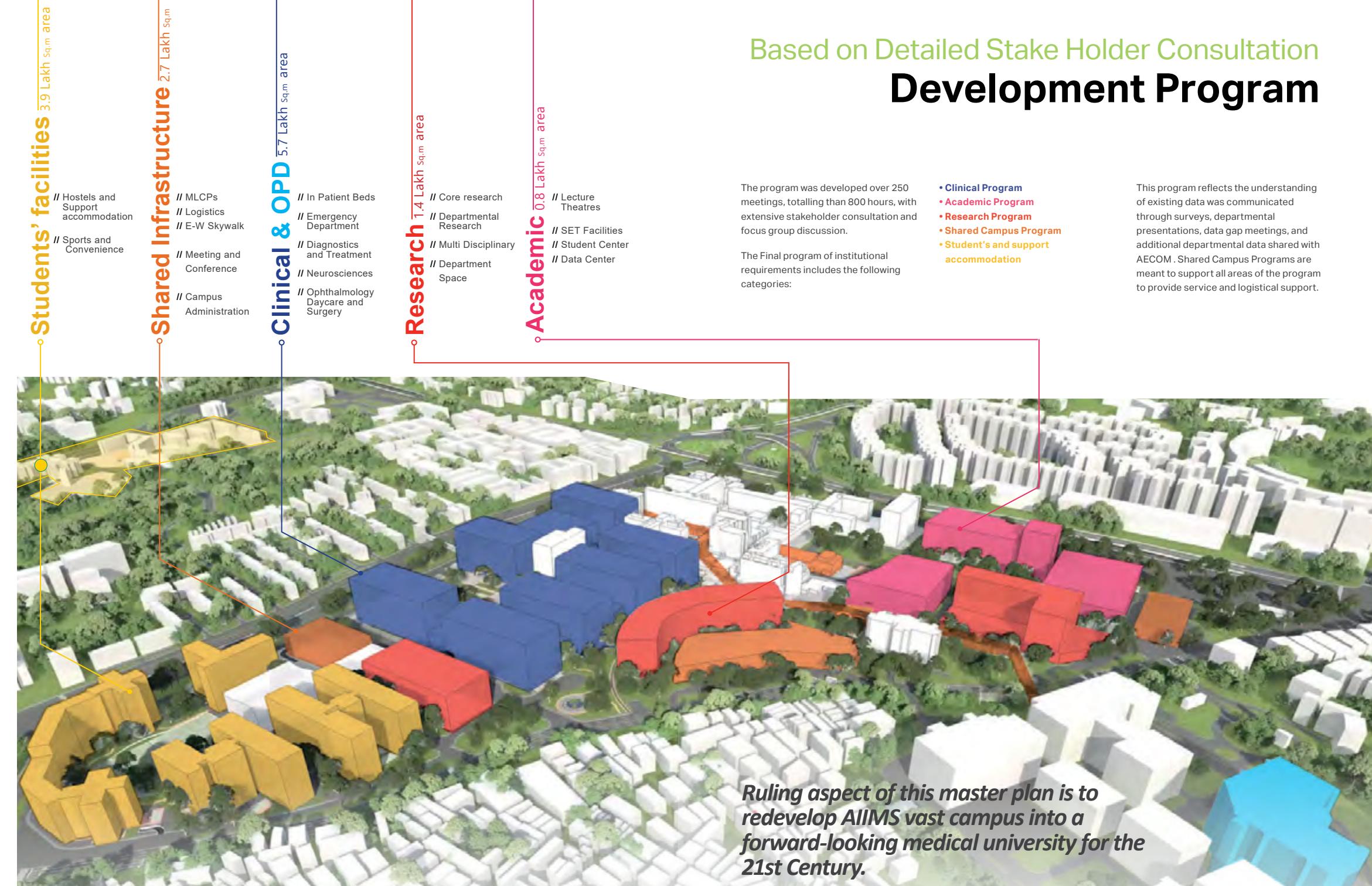
(ii) Programme Wide Services: Management, planning, administration and execution of the Programme/Project in general.

(iii) Project Specific Services: Management, planning, administration and implementation of a specific project or set of projects within the Programme/ Project.

Master planning; Healthcare planning; Mechanical, electrical and plumbing (MEP); Quantity surveying (QS); Transportation planning; Landscaping; Architecture; Urban design; Program management; EIA and Sustainability.

Role :

- // Managed **194-acre brown-field site** documentation and building transition
- // Aided in **university campus design** for 194 acres, focusing on **sustainability and pedestrian spaces**. Developed **900m sky-walk design and public space integration**.
- // Executed **project dossier design** for the Prime Minister's Office.
- // Prepared **PowerPoint for stakeholder consultations**, including for the Prime Minister's Office in India.
- // Coordinated **master plan graphics** and reports for **eight deliverables**; led two.

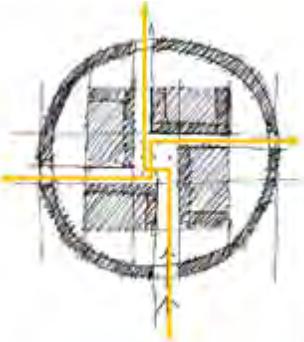


Master Plan FOCUS

- 1 Built form and Design
- 2 Sustainability
- 3 Green Spaces
- 4 Mobility
- 5 Safety and Security
- 6 Infrastructure

Inclusive and Green Public Spaces Urban Courtyards

Zoning Intent and Strategy



Holistic health and wellness is sustained by seven pillars:

Physical, Emotional, Social, Spiritual, Intellectual, Vocational, and Environmental.

These pillars give you a sense of how to work towards your optimal wellness. Our aim in design is to adopt and absorb these pillars and make the hospital a holistically healthy space.

Courtyard of AIIMS Campus

These courtyards have been given meaning based on the activities associated with the adjoining building. Irrespective of its type, courtyards form foundation of holistic healing in healthcare institutes. It allows minds to break away from concerns, reconnecting with nature.

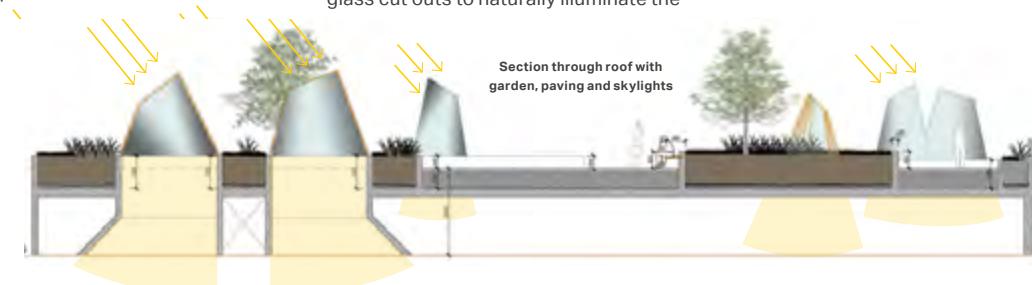


The terrace plans of different buildings are influenced by each one's unique structural features.

The Meeting centre terrace has green edges with gets gradually paved at the centre. Clinical towers on the other hand have terraces in curvy and flowing pattern.

The at Student Centre terrace is rather a mixture of many color contrast elements. It has seating, wooden maintenance strip accompanied with stone paving, and tress along the terrace edges for safety. Basic Research Science building tops terraces with cement planters and low height shrubber. It also has conical glass cut outs to naturally illuminate the

labs below. In contrast are terraces in student housing, which features seating and tall shrubbery. Logistics terrace hare planned in manner that it demands low service and maintenance.



Green Infrastructure

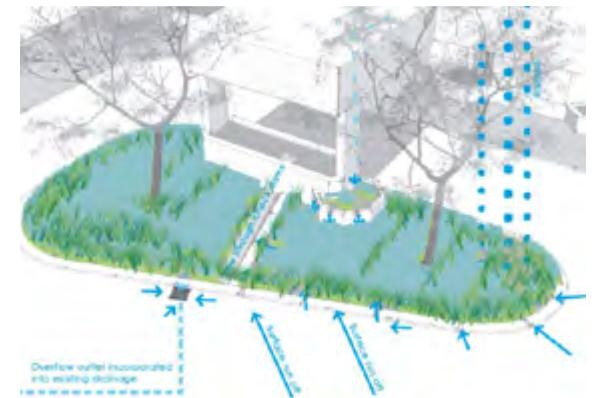
Miyawaki Method of plantation

The Miyawaki method is community-based and people-centered and can be used to reclaim and re-imagine public space for the benefit of people and the planet



Rain Garden

Rain garden is not to be confused with any pond or wetland. As, rain gardens are intentionally planned infrastructural setup, comprised of shrubs, perennials and flowers, which help to retain 30% of more water, creating more scope for rainwater harvesting.



Healing Garden

Humans always feel close to nature, and gardens become the fittest retreat to patients, their family members, hospital staff and visitors, sharing warmth, light and natural charm.



Pedestrian Experience All-Weather Skywalk



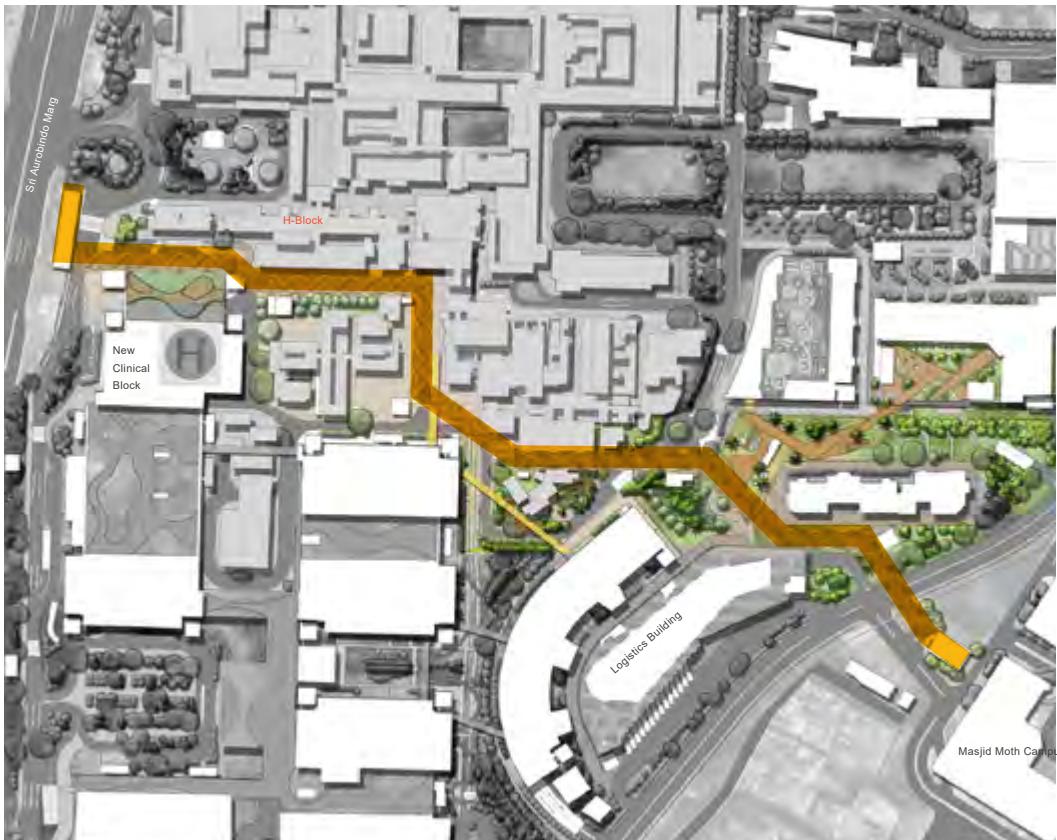
No. of floors: 1
Total BUA : 11,000 Sqm.

The Skywalk, running 900+ meters from east to west, stitches together the entire campus, **providing a patient-friendly 100% accessible route**, with climate control, elevators, escalators and travelators, in a climate-controlled all-weather envelope. As visitors are whisked along, from the concourse of AIIMS Metro Station to the Masjid

Mod campus, they will have views of the campus, while avoiding all worry about finding their own way. Expected to serve over 40,000 footfalls per day, the Skywalk will be one of the most-visited buildings on the campus. With its simple but elegant design, made of renewable resources, it is sure to leave a lasting impression.

Faculty and students are also sure to use this convenient route across campus, which will also allow them access to the Town Centre Plaza.

Fire towers designed to house **public amenities**, including public toilets, lifts, ATMs, benches for resting.



+40 K/day

Expected footfall on the skywalk is 40,000 people/ day making it the most visited building on the campus.

It houses public amenities like toilets, lifts, ATMs and benches.

+900 m

More than 900 meters of all weather pedestrian bridge for AIIMS patient, staff and students, providing easy access to OPD at Masjid Moth. Direct access from unpaid concourse of AIIMS metro station is provided. It also connects to various proposed buildings.

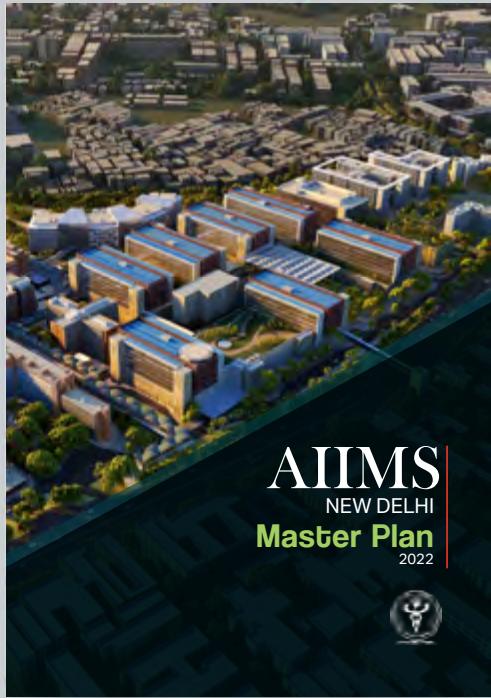
13 m

Vertical connections to the buildings and access controlled connection to the basement, thereby creating a unified pedestrian oriented campus.

1

Large Floating plaza that acts as a spill out for student centre and Basic Sciences building onto the 3 levels of public realm at the town center, working as a space for interaction.

Project Dossier 80 Pages



Vision for Redevelopment

The Trinity Mission

- Education** Dissemination of learning
- Patient Care** All round Healing
- Research** Exploration of ideas

The creation of a state-of-the-art HEALTHCARE UNIVERSITY that invigorates the environment for ALL ROUND HEALING (by enhancement of Patient-Care) & EXPLORATION OF IDEAS (by advancement of research) resulting in DISSEMINATION OF LEARNING (through enriched Teaching).

ONE AIIMS APPROACH

- Integrating Medical Campus with Academic, Research, IPD and OPO
- Clinical, Academic, Research and Residential components are each optimized, and arranged on the campus, in an efficient and functional way

UPGRADED INFRASTRUCTURE

- Sustainable and green Campus
- Smart Infrastructure
- Digitally Sustainable Design
- IGBC Certified Green Campus
- Pedestrian Oriented
- Resilient IT Spine

RESEARCH & ACADEMIC FOCUS

- Increased Student Capacity to approx. 7500
- Increased research capability by approx. 3 times
- Plan for integrated collaborative, translational research facility
- New Scientific Workplaces Flexibility and Adaptability
- High technology

PATIENT CENTRIC APPROACH

- De-congesting the existing main Campus by moving OPO to Maudgil Mid Campus
- 2000 new beds in the main hospital
- High capacity of Emergency Department
- Increased focus on Day Care
- Higher number of Critical care beds
- Reduced waiting time

ENHANCED SOCIAL INFRASTRUCTURE

- Holistic campus environment
- Enhanced Amenities for students and staff
- Sports facilities and common areas for use specifically for students and staff
- More than 5,000 new hostels rooms & residences
- Walking & Cycling friendly campus



Future Proof and Robust Infrastructure Shared Facilities

Centralized utilities and logistics for efficiencies of scale and ease of maintenance.

And a patient-centered solution for connecting the opposite ends of the campus, in the easiest, most convenient way.

Approx. 2.7 Lakh sqm of Built-Up Area

Shared Program

- North MLCP**
 - MTP air voice (ground & level 1)
 - 5 levels of parking (above ground)
 - 2 levels parking (below ground)
- South MLCP**
 - Mortuary
 - MTP air voice
 - 5 levels of parking (above ground)
 - 2 levels of parking (below ground)
- East-West Pedestrian Bridge**
 - Pedestrian all weather connection
 - Extending to metro station to Majlis Metro Station
 - 900m metred long
 - Public amenities clustered with 2000 sqm of plazas, 476 ATMs and 1000 spaces, landscaped plazas
- Guest house**
 - Guest rooms - Approx. 200 no.s.
 - Meeting rooms/collaboration
 - Gymnasium
- Logistics centre**
 - General Material management - Approx. 6000 Sqm
 - Dietetics department
 - Kitchen - Approx. 8000 Sqm
 - Laundry - Approx. 3000 Sqm
 - Central storage - Approx. 7000 Sqm
 - Waste management - Approx. 9000 Sqm
 - Pharmacy - Approx. 1000 Sqm
 - Data centre - Approx. 2000 Sqm
 - Facility offices, support & maintenance

Accommodation for Student and Support Hostel Accommodation

Over 6000 residential units have been envisaged in the master plan. The residential expansion is focused on Trauma Centre Block and East Ansari Nagar Campus. Staff and post-graduate residential units are planned to be integrated into the main campus through underground existing tunnel. Rest of the accommodation planning for post-graduates and ordinary faculty residential is located at East Ansari. Whether single or shared occupancy, the five designs offer basic amenities of food, dining, study, recreation and laundry with daily football and cricket matches.

Multi-Purpose Sports Arena

The ground floor of the sports arena has common amenities for AIIMS staff and students. It includes shops, food outlets, food court, daily needs shop with large seating area in the basement.

Sports facilities

First, second and third floor has basketball courts, tennis courts, Olympic size swimming pool, squash court and gym for staff and students.

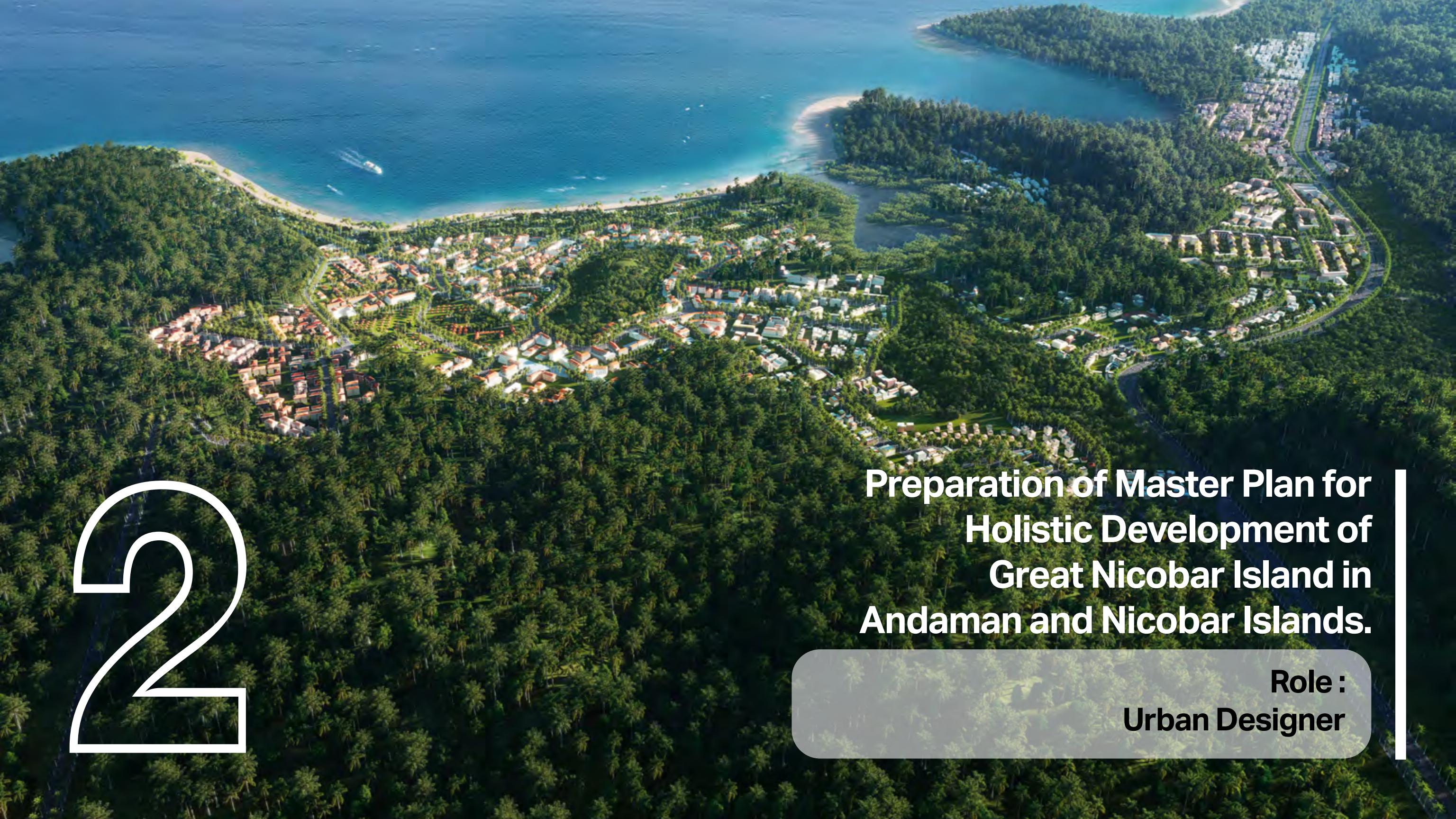
+50 Teaching departments and Centres

+100 Planners, Architects and Engineers

+250 Stakeholder Meetings

+800 Hours of discussion with AIIMS's staff and faculty in nine months





2

Preparation of Master Plan for Holistic Development of Great Nicobar Island in Andaman and Nicobar Islands.

Role :
Urban Designer

About

The National Institute for Transforming India (NITI) Aayog appointed AECOM India Pvt. Ltd. ('AECOM') for the project.

The holistic development project of Great Nicobar Island has four major components- **International Container Transhipment Terminal (ICTT)** (7.39 sq.km + 2.27 sq.km reclamation area), **International Airport** (8.45 sq.km + 0.71 sq.km reclamation area), **Power Plant** (0.39 sq.km) and **Mixed Use Township** (149.87 sq.km) in its Phase 1 development of 166.1 sq.km area along the eastern and southern coastline of the island.

The goal is to enable the development of a diverse and robust economy based on maritime services and tourism.

Project Scope

The scope of AECOM's services under this commission is to analyse the potential and requirements of the new city, develop the master plan, prepare the project reports for key infrastructure works, and identify the implementation and financing modalities of the new city.

Draft master plan submitted, Preliminary engineering design of infrastructure submitted, Env and CRZ clearance has been obtained by AECOM.

Role

Preparation of draft master plan and zonal development plans in line with national codes.

Coordination with sub-con for developing project renders

Preparation of project magazine for National Institute of Urban Affairs, India.

910 sq.km

Land Area



81%

Of island area will remain Biosphere Reserve



88%

of island area will remain Green



82%

of island area will continue to be as Tribal Reserve



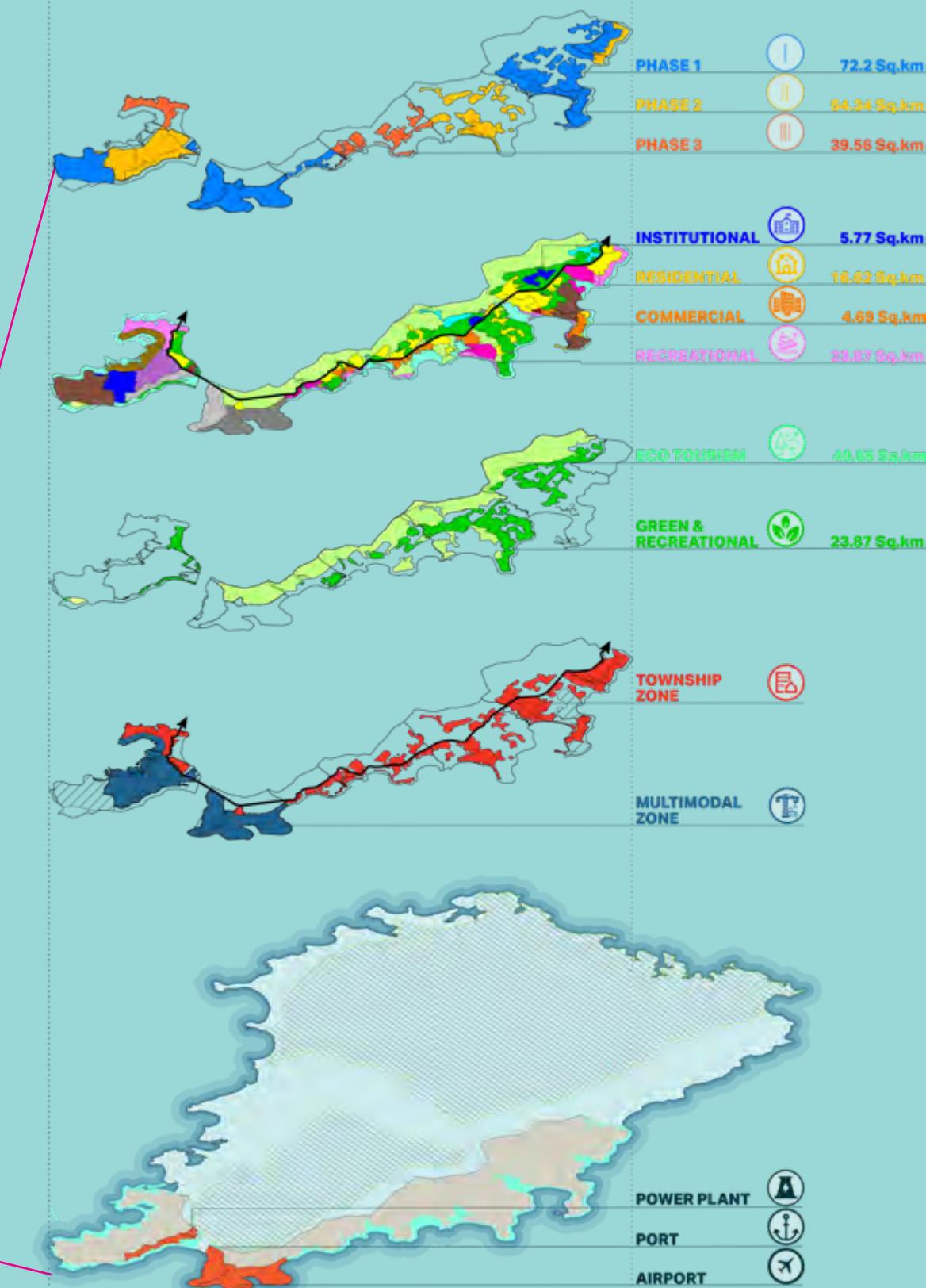
100%

area under National Parks remains preserved



100%

area under Eco sensitive zone remains preserved



Zonal Plan Development Area

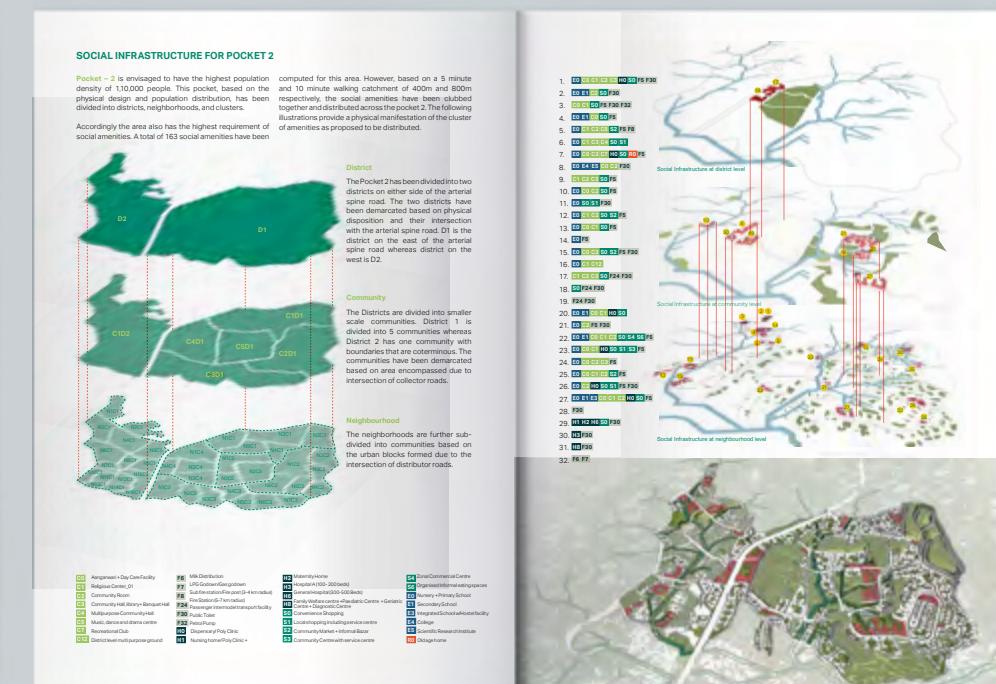
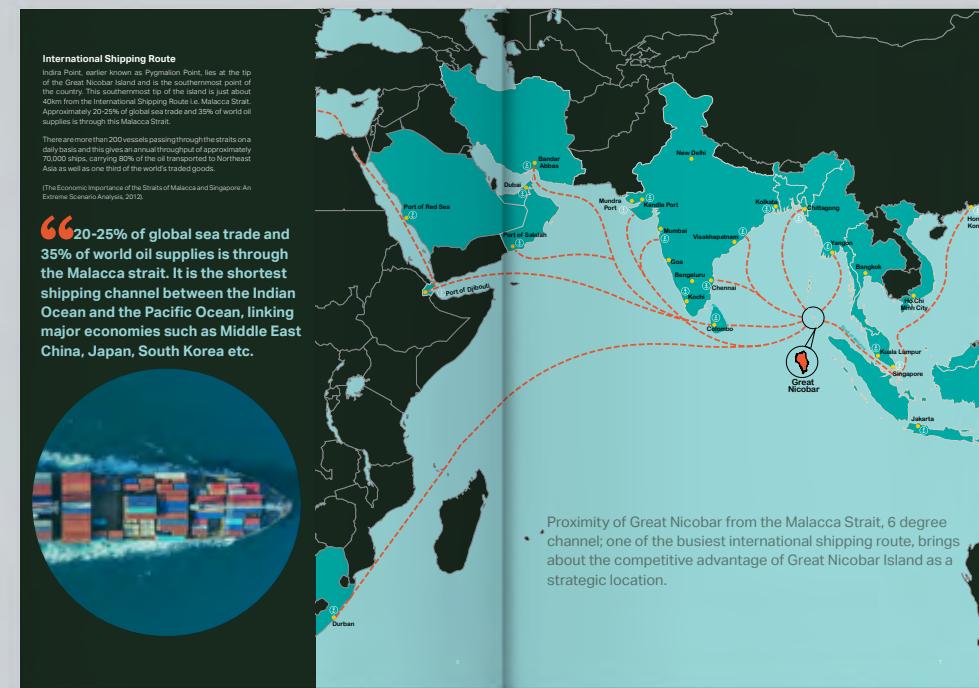
Zone has a mix of land-uses but is pre-dominantly residential in character. The zonal plan for this pocket hinges around a network ring and radial roads which are planned taking into consideration the lay of the land.

The built-form is organized taking into consideration the natural drainage network which has been preserved by providing a 10m buffer around the drainage channels.

This buffer is envisaged as a linear park and a public walkway with tree lined avenue which connects the different areas within the zone



Project Dossier 78 Pages





3

Jeddah North Master Plan Project,
Saudi Arabia

Role :
Urban Designer

About

ROSHN is leading the development of the Community Development Program that aims to close the current housing gap through the delivery of housing units across 6 or more townships, located within Riyadh, Jeddah, Dammam, Makkah, Assir and Al Kharj. Within Jeddah governorate, the ALAROUS site is situated within the Telal Jeddah district.

Project Area: 399 Hectare

Role :

- // Worked on innovating the work flow system to produce DCR for more than 3000 plots in the town ship by connecting Adobe InDesign, MS Excel and AutoCAD.
- // Assisted in preparation of the chapter "Public Realm Guidelines"
- // Worked on CAD plans, Graphic illustrations doe the urban design guidelines



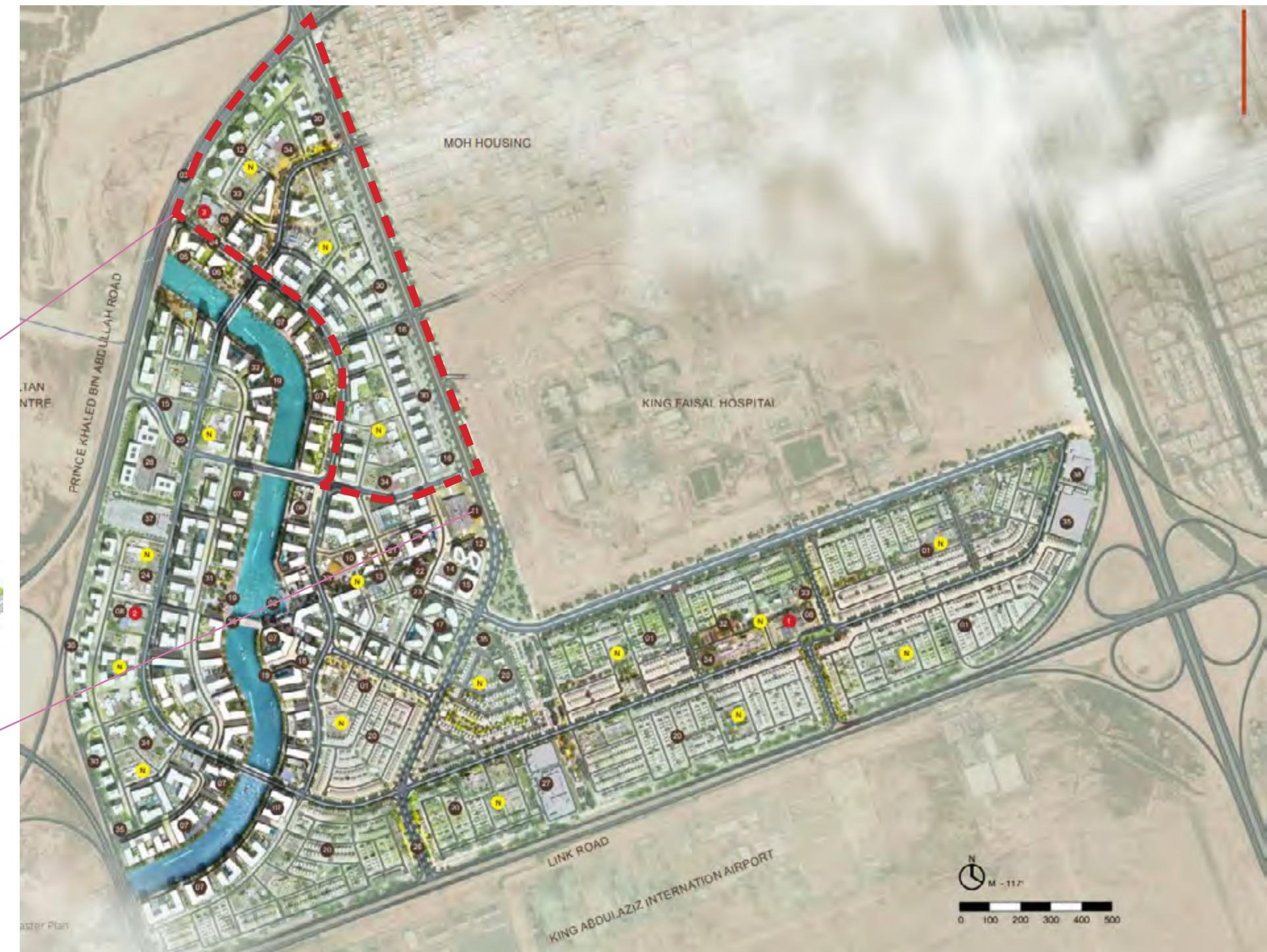
International Quarters (above) is volumetric representation of one of the 6 distinctive precinct of the township. **It is a vibrant mixed neighborhood. It hold major waterway entrances, hospitalities, retail, recreation and outdoor sports area.**

Scope of work :

To develop '**Urban Design Guidelines**' document for ALAROUS is meant for ROSHN, and the individual entities (developers) and individuals **in order to control the outcome of proposed developments**. Urban design guideline is concerned with the physical characteristics of the city and the implications of design and planning decisions for the city-wide **urban development and public realm**

Achievement:

Awardee of "**Circle of Excellence**" by AECOM for "**Major time saving and higher quality product**"



Alarous Master Plan



RCSI Medical University of Bahrain (RCSI-MUB)

Role :
Project coordinator and editor

About

AECOM India has been appointed by RCSI Medical University of Bahrain (RCSI-MUB) for expansion of RCSI till 2034.

Project Area: Approx. 16,000 S.qm

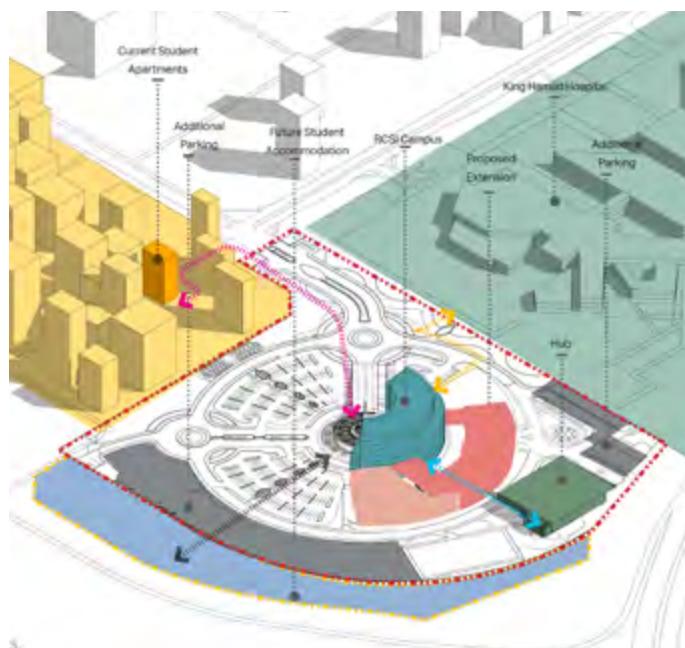
Project Scope :

Master Plan; including healthcare planning and LEAN process improvement lead, concept to tender document stage for the project.

The area program has a conference/exam center, clinical simulation lab, **library, student center, offices, pedestrian bridge to the student sport & recreation center, outdoor courtyard space** and planning for backfill spaces in the existing building.

Role:

- // Project coordination and communication
- // Ensuring implementation of QAQC mechanisms
- // Report structuring,writing and editing
- // Coordination for Good-for-construction drawings.



Project coordination and editor Feedback

Aishwarya, Talluri

From: Robinson, Jonathan
Sent: 23 December 2022 00:31
To: Aishwarya, Talluri
Cc: Laitinen, Curtis
Subject: Re: RCSI-STAGE 1- Concept report DRAFT - For QAQC/content review

Hi Aishwarya,

Fantastic job pulling this all together. Will get my full comments through tomorrow but the majority are on formatting of images, placement etc. just need to make sure the images / photos align, text is the same, they have borders or don't.

Again, great job so far and will touch base in the morning.

Cheers
Jonathan

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From: Aishwarya, Talluri <talluri.aishwarya@ecom.com>
Sent: Thursday, December 22, 2022 3:31:10 PM
To: Altawash, Zaid <Zaid.Altawash@ecom.com>; Metheringham, Michael <Mike.Metheringham@ecom.com>; Koigi, Stephen <Stephen.Koigi@ecom.com>; Laitinen, Curtis <Curtis.Laitinen@ecom.com>; Knox, Joanne <Joanne.Knox@ecom.com>; Le Moal, Nicolas <Nicolas.LeMoal@ecom.com>; Nelson, Henry <Henry.Nelson@ecom.com>; Canning, Jonathan <jonathan.canning@ecom.com>; Kurup, Siju <siju.kurup@ecom.com>; Datla, Ravindra <Ravindra.Datla@ecom.com>; Resuello, Adonis <adonis.resuello@ecom.com>; Sharma, Hirdesh <Hirdesh.Sharma@ecom.com>; Singh, Rohitendra <rohitendra.singh@ecom.com>; Gopalakrishnan, Rajesh <Rajesh.Gopalakrishnan1@ecom.com>; Thomas, Vinay <Vinay.Thomas@ecom.com>; Shaikh Abdulla, Maher <maher.alshaikh@ecom.com>; Rajan, Anoop <Anoop.Rajan@ecom.com>; Andrews, Roslyn <roslyn.andrews@ecom.com>; Ashar, Dhwanvi <Dhwanvi.Ashar@ecom.com>; Bansal, Manik <Manik.Bansal@ecom.com>; Sharma, Ashwani <Ashwani.Sharma@ecom.com>; Kumar, Naresh <Naresh.Kumar8@ecom.com>; Abdul Kader, Mohamed A. <Mohamed.AbdulKader@ecom.com>
Cc: Robinson, Jonathan <Jonathan.Robinson@ecom.com>; Singh, Anshu <Anshu.Singh2@ecom.com>
Subject: RE: RCSI-STAGE 1- Concept report DRAFT - For QAQC/content review

Dear all,

For the process of reviewing please follow the below steps :

1. Download a copy of the draft report from the link [20221219_Current status _CONCEPT REPORT.pdf](#) (or from MS Team->RCSI->Stage 1-> Report->Draft report)
2. Add your comments in the offline file
3. Add your signature in the " QAQC Table" on page 2
4. Rename the file as 20221222_DRAFT_CONCEPT REPORT_DISCIPLINE NAME.pdf"
5. Upload the document in the link here : [00_QAQC_STAGE 1](#)

In the QAQC Folder – you can look at comments giving by other disciplines, on your section. Therefore, after everyone has uploaded their commented copies of Draft report, please open each document, in the QAQC folder to gather comments for your section, from other disciplines.

Regards

Feed back by Jonathan Robinson, RCSI Project Manager, AECOM Bahrain



Knox, Joanne 27-12-2022 10:16

Good morning Aishwarya! That is fantastic news - well done! That was a lot of hard work on your part (I saw how long the report was already before it was completed...) Thanks so much for your support and for keeping us all organised and in line 😊

Feedback by Joanne Knox, Associate, Fire Life Safety .

Received

Given



Curtis Laitinen [in](#) · 1st

Technical Director, Healthcare at AECOM India

January 24, 2024, Curtis managed Aishwarya directly

I have worked with Aiswarya on two medical university projects, including the Royal College of Surgeons, Ireland (RCSI), Bahrain campus expansion; and the All-India Institute for Medical Sciences (AIIMS), Delhi. The latter was a 1.51m square meter BUA mega-project, covering over 80% of a 194 acre brown-field site. It was a complete university, with healthcare, education, research, faculty, staff and student housing, and shared support functions.

She has good architecture, graphic design and communication skills, and asks questions when something is not clear.

Aishwarya was a great team member and an important part of our team's internal communications, tracking coordination issues and following up with other team members. She works well with others and brings enthusiasm and positive energy to a project. She's organized, detail-oriented, reliable and gets things done.

If a firm is looking for a motivated, growth-oriented architect/ urban designer, Aishwarya is highly recommended.

Feedback by Curtis Laitinen, Technical Director, AECOM India, Project lead RCSI and AIIMS New Delhi.

Thankyou

Contact:
+1 604 339 2566
t.aishwarya149@gmail.com