

#### THESIS REPORT ON

#### NRITYASHALA AND CULTURAL COMPLEX, SECTOR 53, GURGAON

# A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF:

#### **BACHELOR OF ARCHITECTURE**

BY

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#### 1180101025

#### THESIS GUIDE (AR. ANSHU RASTOGI)

#### SESSION

2022-2023

#### TO THE

SCHOOL OF ARCHITECTURE AND PLANNING BABU BANARASI DAS UNIVERSITY

LUCKNOW.

# SCHOOL OF ARCHITECTURE AND PLANNING BABU BANARASI DAS UNIVERSITY, LUCKNOW (U.P.).

#### CERTIFICATE

I hereby recommend that the thesis entitled "NRITYASHALA AND CULTURAL COMPLEX, SECTOR 53, GURGAON" under the supervision, is the bonafide work of the students and can be accepted as partial fulfillment of the requirement for the degree of Bachelor's degree in architecture, school of Architecture and Planning, BBDU, Lucknow.

Prof. Mohit Kumar Agarwal Dean of Department

Prof. Sangeeta Sharma

Head of Department

Recommendation

Accepted

Not Accepted

External Examiner

External Examiner

#### Acknowledgment

I acknowledge my sincere thanks to my faculties **Ar. ANSHU RASTOGI**, who guided me through active participation in discussions and gave their kind cooperation throughout the process.

My sincere thanks to our Thesis coordinators **Ar. ANSHUL SINGH** and **Ar. SATYAM SRIVASTAVA** for his cooperation and understanding at every stage of the study, which gave my study a new direction and made it more meaningful.

I am thankful to our Dean, **Dr. MOHIT AGRAWAL**, and HOD, **Prof. SANGEETA SHARMA** for their cooperation and invaluable support.

I am also thankful to **DIVYENDRU**, **VAIBHAV**, **UDBAHW** and people concerned with my studies for their cooperation and devoting themselves for me.

Above all, thanks to my friends, UJJWAL, HARSH, PRATEEK, SHIVAM, SHASHANK, NAYAN for their sincere help throughout, without which this report would not have been in its present shape.

Last but not the least, I thank my Parents for their forever support and blessings.

#### **IN THE LOVING MEMORY OF MY GRANDFATHER**

#### BABU BANARASI DAS UNIVERSITY, LUCKNOW (U.P.). Certificate of thesis submission for evaluation

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- 4. Degree for which the thesis is submitted:
- 5. Faculty of University to which the thesis is submitted: Yes / No
- 6. Thesis preparation guide was referred to for preparing the thesis. Yes / No
- 7. Specification regarding thesis format have been closely followed. Yes / No
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# INTRODUCTION

#### **ABOUT TOPIC**

AT NRITYASHALA, dance would be a way of life, a matter of faith and belief which will be nurtured by the soul of its own people. Nrityashala would provide dance training and degree in different dance form. Along with the intensive dance training, they would learn aesthetic, history of dance, philosophy, spiritual through and dance theory. Regular workshop will be conduct in yoga, meditation theatre, etc. These workshops of interdisciplinary approach inculcate an awareness and an understanding of the Interrelatedness of all art and physical tradition of India. The institution's programme will also be designed to support the artists and help them prepare for that day when they step off the stage and into the unknown. It will not only value their artists for what they can bring to the stage but also for what they can eventually contribute when their training days are over.

#### **INTRODUCTION**

#### What is the Dance?

Dance is a performing art form consisting of purposefully selected sequence of human movement. This movement has aesthetic and symbolic value and is acknowledged as dance by performers and observer within a particular culture. Dance can be categorised and described by its choreography by its repertoire of movements, or by its historical period or place of origin.

The dance can be performed to serve various function (social, competitive, ceremonial) but it also has two distinct form:

- Theatrical Dance
- Social Dance

#### **Indian Classical Dance**

Indian classical dance or 'Shastriya Devash' is an umbrella term for various performance art rooted in religious Hindu musical theatre styles, whose theory and practice can be traced to the Sanskrit text Natya Shastra. The number of recognised classical dance categorised into eight forms naming Bharatanatyam, Kathak, Kuchipudi, Odissi, Sattriya, Mohiniyattam, Kathakali and Manipuri. These dance are traditionally regional, all of them include music and recitation in local language or Sanskrit, and they represent a unity of core ideas in a diversity of style, costumes and expression.



#### **Origin?**

Archaeologically evidence for early dance include 9000 year old painting in India at the Rock shelters of Bhimbetka and Egyptian tomb paintings depicting dancing figures dated 3300 BC. It has been proposed that before the invention of writing language, dance was an important part of the oral and performance methods of passing stories down from one generation to the next.

### NEED OF TOPIC

- The project purpose is Nrityashala and cultural complex, Gurugram, Haryana. The Municipal Corporation of gurugram proposes Nrityashala and cultural complex on a 10 acres land in sector 53, Gurugram, Haryana.
- This project is combination of two parts namely Nrityashala academy and cultural complex. Firstly, Nrityashala reference to the traditional dance, art of India originating in the temple and still devoted to the enactment of divine epics and embracing an elaborate system of body posture, hand gesture and foot movement.
- Therefore Nrityashala is an academy of performing ancient Indian arts. Cultural can be defined as the ideas, customs or social behaviour of a particular people or society. Cultural is the characteristics and knowledge of a particular group of people language, religion, cuisine, social habits, music and arts. The word "cultural" derives from a French term which in derives from the Latin "Colere" which means to tend to the earth and grow or cultivation and nurture.
- Therefore, a cultural complex may be defined as a platform of different cultural activities, social gathering and different exhibitions. With the cities growing into urban culture, the need for the growth of a cultural complex and public spaces in the corporate city is often ignored. Therefore, the emphasis is to establish the link between the city and the cultural complex. Also, to generate the new landmark for Gurugram. To create a holistic environment for learning, teaching and performing arts and spaces.
- Due to these reasons, the Nrityashala and Cultural Complex is being proposed by Municipal Corporation of Gurugram to make people aware of their culture and traditional Dance of India.

### <u>AIM</u>

- To design a dance academy and cultural complex at sector 53, Gurugram.
- Design the complex nurturing the cultural needs of the city.

#### **OBJECTIVES**

- To provide a place where different kind cultural arts can be performed and displayed.
- To fulfil the cultural needs of Gurugram city.
- To create a holistic environment for learning, teaching and displaying performing arts.
- To develop design criteria of building a cultural complex and drama Academy and its space's respectively.
- To study and design auditorium and other performing art spaces.
- To design a learning pace for the dance academy.

#### **LIMITATION**

- Limitation of this project is that the main focus will be highlighting on the conceptual design and circulation space, detailing will not be focused in general
- Second, structure drawing will not be focused.

#### **SCOPE**

- The main scope of this project is to design the landscapes, gathering space where people will interact with each other.
- This project will work as center of excellence in creative arts and or impart training to young talent. They will serve as major resource center for the region.
- The scope of this project is also to make the people aware of their culture as they are being stuck in the fast tech life and also, introduce them to the ancient Indian Dance which were performed in temples.
- The project is to be started by studying the present cultural complexes and dance academies and then creating one only by understanding them

#### **TOPIC JUSTIFICATION**

- This project will give me an opportunity to design exhibition spaces for displaying different cultural arts. It will help me to learn about the procedure of designing an auditorium keeping in mind the acoustics and various other design criteria.
- The proposed project will also give me an opportunity to design a social gathering space amongst the city culture. Absence of a cultural space in the present scenario allows me to design a space where people can hang out socially. It will also allow to design space for young talent to learn different forms of dance in the academy.

#### **PROJECT AUTHENTICITY**



e-Tender is invited for purchase of below mentioned items in single stage two cover system i.e. Request for Pre-Qualification/Technical Bid (online Bid under PQQ/ Technical Envelope) and Request for Financial Bid (comprising of price bid Proposal under online available Commercial Envelope):-

Sr. No	T.No	Description of work / Items	DNIT Amount	EMD to be deposited by Bidder	Tender Documen t Fee & eService Fee (Rs.)	Tender Document Download and Bid Preparation/Submission		
						Start Date	Expiry Date	
1.		Construction of Art and cultural complex building at sector 53 Gurgram, Haryana. (SH:-C/o RCC framed structure Building including water supply, sanitary, Electrical installation and E&M Services.)	183.91 Cr	36782025	100000/-	19.12.2018 20:00Hrs	16.01.2019 13:00 Hrs	

Gurugram, C-1, Info. City, Sector-34, Haryana. Tender will be opened (to be intimated 2.

Congram, C-1, into. City, Sector S4, Haryana render Mit de Openeo (or be initiated later). The detail tender notice and Tender Document can be seen on website: <u>https://haryanaeprocurement.gov.in</u> and download online from the Portal: <u>https://haryanaeprocurement.gov.in</u> by thefirms/individual registration of the Portal. Possession of Digital Signature Certificate (DSC) and registration of the contractors on the portal i.e. <u>http://haryanaeprocurement.gov.in</u> is a prerequisite for e-tendering. For any other queries please contact Executive Engineer(V), Municipal Correction Gamman No.

4.

Corporation Gurugram. No.

Corporation Gurugram. No. As the Bids are to be submitted online and are required to be encrypted and digitally signed, the Bidders are advised to obtain Digital Signature Certificate (DSC) at the earliest. For Further details, the Bidders should follow "Instruction to the Bidder", given in DNIT on the above said portal.

Executive Engineer V For Commissioner Municipal Corporation Gurugram

#### **SITE DETAILS**

### Rs 170 crore Gurugram cultural hub project gets MCG push

Rao Jaswant Singh | TNN | Feb 2, 2019, 07:58 IST

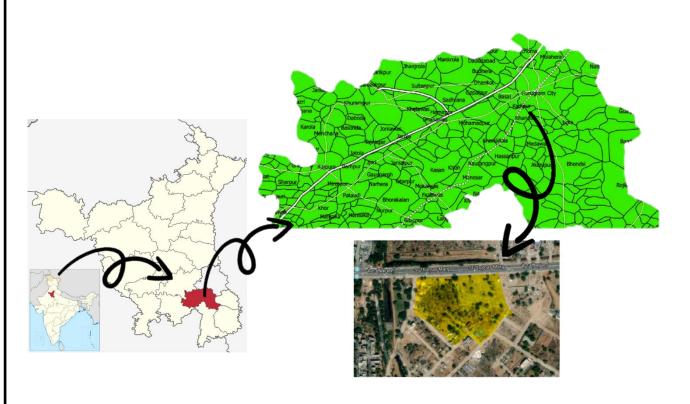
A+

in Sector 53 but it has been

TENDER	TO BE FLOA	TED SOON	GURUGRAM: The arts and			
PROJECT   MCG CULT ARCHITECT   Design International, New D COST ₹170	Forum elhi	Deadline December 2021 Location   Sector 53 Area   22260 SQ.M. (5.5 ACRES)	cultural complex, which was proposed in Gurugram more than three years ago, is finally back on track and the Municipa			
Amenities	nenities vibition and > Auditorium		Corporation of Gurugram (MCG)			
➤ Exhibition and	➤ Auditorium	$\alpha(0)$	is set to issue the tenders for			
other galleries > Library	<ul> <li>Academies (music, art and</li> </ul>	626	the project on February 12.			
➤ Restaurant	dance)	0'95	In 2015, the corporation			
> Canteen	<ul> <li>Pottery worksh</li> <li>Guest rooms</li> </ul>	op ////	proposed the state-of-the-art			
> Open-air theater	# Gueschooms		centre at a cost of Rs 170 crore			

Representative image

pending since then. At the time, Haryana Urban Development Authority (Huda), now known as Haryana Shahari Vikas Pradhikaran (HSVP), had earmarked a plot measuring around 5.5 acres in Sector 53 for the project.

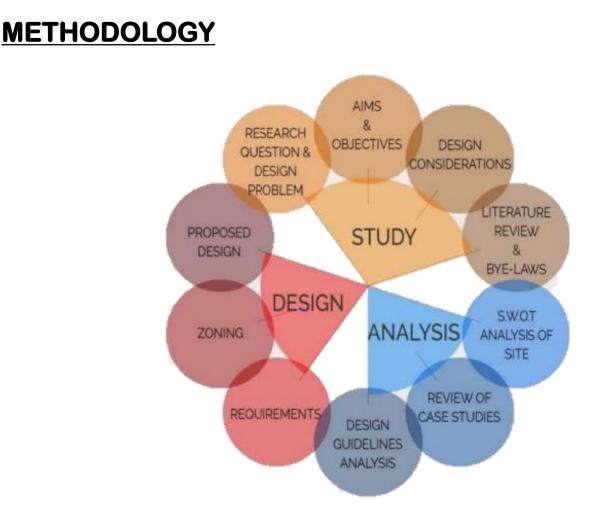


### SITE DETAILS

- Site Location:- St Thomas Marg, DLF Phase 5, Sector 53, Gurugram Haryana.
- Total site area:- 10 Acre (40,469 sq.m.)
- Latitude and longitude of Gurugram:- 28.4595° N, 77.0266° E
- Metro:- 3km from Nrityashala
- Airport:- 23kms which will takes around 27min. to reach Nrityashala
- Topography:- The site shape is irregular like a heptagon with unequal angles. It is accessible to only one side only which is through the main road only which is 8 m wide.

#### **TENTATIVE PROJECT REQUIREMENTS**

- Dance studio
- Music studio
- Drama Studio
- Auditorium for 750 people
- Open air theatre (OAT)
- Art gallery
- Conference room
- Space for display exhibitions
- A library for members
- Teaching and Demonstration halls
- Cafe
- Storage spaces
- Office space
- Studios for painters and craft persons



# SWOT ANALYSIS

STRENGTH:-

- The location of the site is very positive in terms of context
- Mixed use land use.
- The campus has the perfect environment amdist nature.

#### WEAKNESS

Traffic during peak hours, which is very noisy & such a pian in head.

OPPORTUNITY

 Area in which the site is developing rapidly , so it has great chances of opportunity.

THREAT

 Here can create disturbance during working hours may be this can hinder the academy in future

# CLIMATE AND SITE ANALYSIS

### NRITYASHALA & CULTURAL COMPLEX

The idea of the project is to bring all cultural activities in the capital to a single venue and make it into a big cultural and tourist hub- the concept revolves around lifting up the public areas which would create layered public spaces from where people can look on to each other and have mutual participation. The Nrityashala interactive is incredibly wide in scope. It covers stage- design, music, dance. Makeup, virtually, every aspect of stagecraft, it is very important to the musician because it is the only text which gives such detail about the music and instruments of the period. Culture provides important social and economic benefits.





#### **NRITYASHALA**

At Nrityashala, dance would be a way of life, a matter of faith and belief which will be nurtured by the soul of its own people. Nrityashala would provide dance training and degree in different dance form. Along with the intensive dance training, they would learn aesthetic, history of dance. Philosophy. Spiritual through and dance theory. Regular workshop will be conduct in yoga, theatre, etc., these meditation workshops of interdisciplinary inculcate awareness an understanding of approach and an the interrelatedness of all art and physical tradition of India. The institution's programme will also be designed to support the artists and help them prepare for that day when they step off the stage and into the unknown. It will not only value their artists for what they can bring to the stage but also for what they can eventually contribute when their training days are over.





### **CULTURAL COMPLEX**

A cultural complex is an organisation, building or complex that promotes culture and arts. Cultural centres can be neighbourhood community arts organisation, private facilities, government sponsored or activist run. Cultural complex may be defined as a platform of different cultural activities, social gatherings and different exhibitions.

#### **IMPORTANCE OF CULTURAL COMPLEX**

With the cities growing into urban culture, the need for the growth of a cultural complex and public spaces in the corporate city is often ignored. The cultural complex re-establishes the link between the city and culture. It provides the people a platform to showcase and witness different cultural forms. It also acts as an social gathering space contributing to the social aspects of the city, people get to come in touch with all different forms of art forms like dance, music. Theatre, etc.



THEARTRES



DEVELOPING CULTURAL BACKGROUND



SOCIAL

# HISTORY & BACKGROUND OF CULTURE

Archaeologically evidence for early dance include 9000 year old painting in India at the rock shelters of Bhimbetka and Egyptian tomb paintings depicting dancing figures dated 3300 B.C. It has proposed that before the been invention of writing language, dance was an important part of the oral and methods of performance passing stories down from one generation to the next.



#### **IMPORTANCE OF THEATRE ART IN MODERN ERA**

Theatre in ancient India was an important medium of communication. There were several dramatists in ancient India like Kalidasa and Bhasa who wrote many dramas. They wrote several dramas which made them immortal in the mind of Indian audience. They had played an important role in popularizing dramas in ancient India. In my project I want to implement such theatre art which depicts elitist art form with the wonderful opportunity to explore the human condition and gather them altogether. Theatre art is the intricate part of the human history because it is having the capability to show the best and worst sides of human nature. In a modern world most of the people are having a question about why is theatre important and it is useful to improve creativity level.



#### **NEED OF PROJECT**

- In the year 2016, the only cultural complex of Gurugram was shut down due to legal issues. The people of the city were not having a place for Cultural activities and thus this project was Proposed in 2017.
- The project purpose is Nrityashala cultural complex. Gurugram, Haryana. The municipal corporation of Gurugram proposes Nrityashala cultural complex on a 10 acres land in sector 53, Gurugram, Haryana.

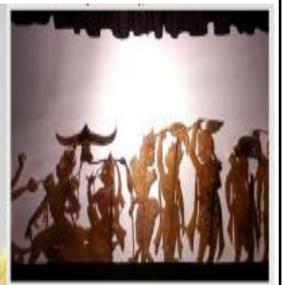


### **REASON BEHIND THIS PROJECT**

I have been in dancing passion since my childhood and my inclination towards dance art form and other arts brings out an artist in me and I am happy this thesis project gives me a chance to understand the cultural heritage of India something that I really value and cherish to be a part of it. This way I will not only promote my interest in particular but I am sure I will be able to contribute to a greater cause in general. Believe that tradition and modernity are not pole apart.



"INDIA'S PRECIOUS HERITAGE OF MUSIC, DRAMA, DANCE IS ONE WHICH WE MUST CHERISH AND DEVELOP." -MAULANA ABUL KALAM AZAD



### **TOPIC JUSTIFICATION**

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## **PROJECT AUTHENTICITY**

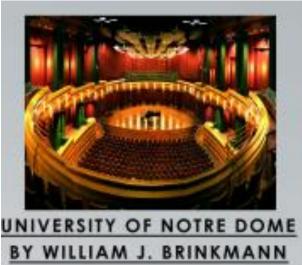
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#### **OBJECTIVE**

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#### AIM

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Sumple (RCD)

sisteral design and all the TVD control but § hardware sharing Blackd, some matricket.

# <u>SCOPE</u>

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### LIMITATION

BY

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<u>CULTURE CENTER,</u> BY ZAHA HADID



AND EXHIBITION HALL BY MASSIMILIANO & DORIANA FUKSAS



HOLZMAN MOSS

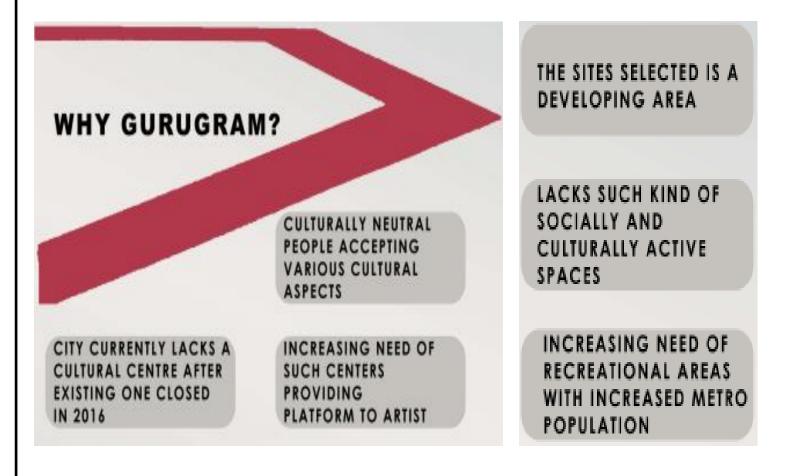


### ABOUT THE CITY

Gurugram is located 30km south of national capital New Delhi and about 10 km from Dwarka sub-city. Over the past 25 years the city has undergone rapid development and construction. Gurugram is one of Delhi's major satellite cities and is part of the national capital region. It is within commuting distance of Delhi via an expressway and Delhi metro. Gurugram is the second largest city in the Indian state of Haryana and is the industrial and financial center of Haryana.

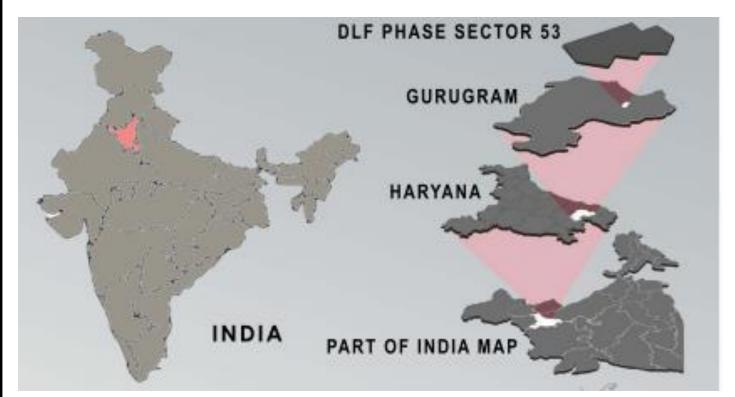
#### **PHYSIOGRAPHY**

Gurugram is located in Gurugram district in the Indian state of Haryana and is situated in the southeastern part of the state. And northern part of the country. The city is located on the border with Delhi with new Delhi to its Northeast. The city has a total area of 738.8 sq km (285.3 sq mi). The average land elevation is 217 meters (712 ft) above sea level.



### **ECOLOGY**

Gurugram lies on the Sahibi river. A tributary of Yamuna which originates from the Aravalli range in Rajasthan and flows through west and south Haryana into Delhi where it is also known as the Najafgarh drain.





### **TRANSPORTATION IN THE CITY**

#### ROADWAYS

Delhi Gurugram expressway the major highway that links Gurugram is national highway 48, the road that runs from Delhi to Mumbai. While the 27.7 km (17.2ml) Delhi-Gurugram border Kherki Dhaula stretch has been developed as an expressway, the rest is expanded to six lanes.

#### RAILWAYS

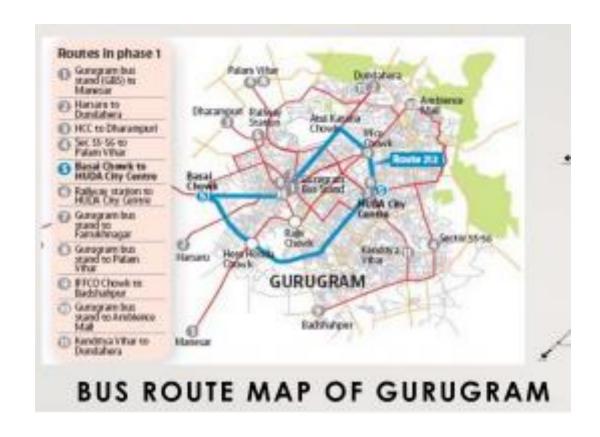
Gurugram railways station is operated by northern railways of Indian Railways, along with that, Gurugram has Tajnagar railway station, dhankot railway station. Ghari Harsaru railway junction and Farrukhnagar railway station, Patli railway station.



#### TRANSIT SYSTEMS

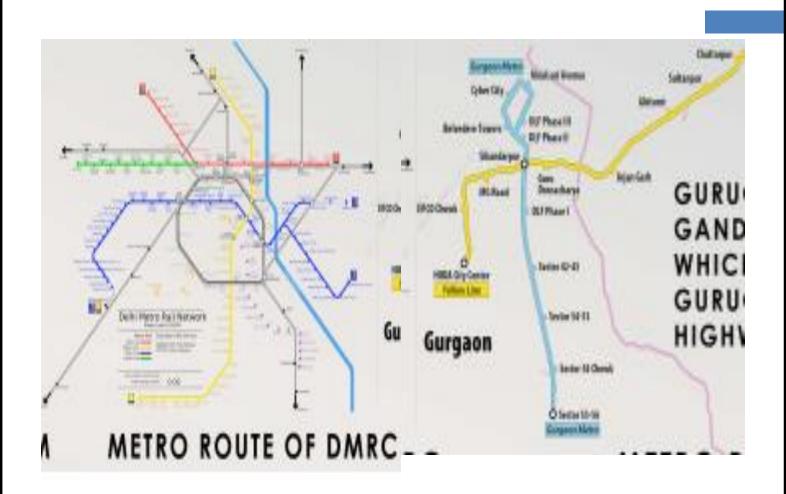
#### **PUBLIC TRANSIT**

In November 2013, Gururgram launched an ciclovia- inspired initiative known as Raahgiri day—in which a corridor of Streets are closed to motor vehicle Traffic on sunday mornings to encourage the use of non-motorized transport and participation in outdoor leisure.



#### **RAPID METRO**

Rapid metro has eleven stations in Gurugram, with an interchange with yellow line of delhi metro at Sikandarpur metro station and currently covers a distance of 11.7km (7.3m1). One more phase of the project are in the pipeline and would take the total number of subway station in the city to 16. An estimated 33,000 people ride rapid metro everyday.



#### **DELHI METRO**

Huda city centre metro station on the Yellow line of Delhi metro extension of Delhi metro yellow line is approved by Haryana government, in which the line started from Huda city centre go up to Gurugram railway station, from Gurgram railway station is goes to Old Delhi road sector 23. This Yellow line extension having an interchange with delhi-gurugram-rewari-alwar rrts corridor and extension of dlf Gurugram rapid metro to old delhi road.

#### AIRPORT

Gurugram is served by delhi's Indira Gandhi international airport which is located just outside of Gurugram city limits near national highway.

### **CULTURE AND TRADITION**

#### CULTURE

Entertainment and performance arts Notable performing art venues in the city include epicenter in sector 44 and Nautanki Mehal at the kingdom of dreams near iffco Chowk.

#### RELIGION

Gurugram has adherents of Hinduism, Sikhism, Islam, Buddhism, Jainism, Christianity and the Bahai, amongst others.

2005	0	10000 H Gam	icen Ista	010MED		
KOR -						
605						HINDU-93.03%
2005						MUSLIM-4.68%
605						CHRISTIAN-0.64%
50-005						SIKH-1%
405						BUDDHIST-0.06%
104074						JAIN-0.49%
2005						OTHER-0.02%
101076						
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#### **SPORTS**

The city has two major sports stadiums, Tau Devi Lal stadium in sector 38, which has facilities for cricket, football, basketball and athletics as well as a sports hostel and Nehru stadium which is designed for football and athletics. Amity United fc is a tenant of Tau Devi Lal Stadium. Gurugram district has nine golf courses and is described as the "Heart of India's Golfing Country"

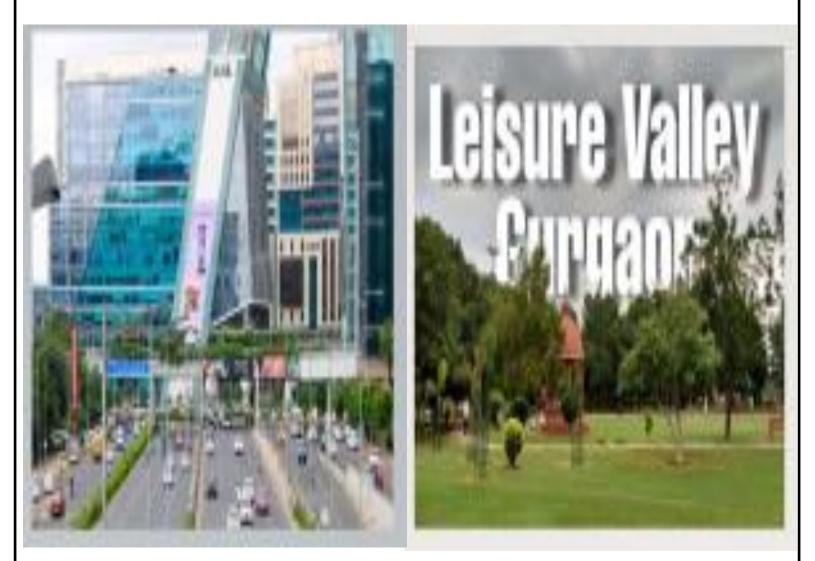
### **CITYSCAPE**

#### ARCHITECTURE

Gurugram has architecturally noteworthy buildings in wide range of styles and from distinct time periods. Gurugram skyline with its many skyscrapers is nationally recognized. Gurugram has an estimated 1,100 residential high rises.

#### NEIGHBOURHOODS

Gurugram is divided in 36 wards. With each ward is further divided in blocks. The housing type in the city consists largely of attached housing. Gurugram has complex park system, operated by Gurugram Developement authority.



### **TOPOGRAPHY**

Mostly flat surface with gentle slopes towards east and north. Elevation: 217 meters (712ft) above sea level.

# **CLIMATE**

Data: 1991 - 2021 min. Temperature <sup>o</sup>C (<sup>o</sup>F), Max. Temperature <sup>o</sup>C (<sup>o</sup>F), Precipitation / Rainfall mm (IN), Humidity, Rainy days. Data: 1999 - 2019: Avg. Sun hours

The precipitation varies 192 mm | 8 inch between the driest month and the wettest month. The variation in temperatures throughout the year is 19.8 °C | 35.7 °F. The month that sees the most relative humidity is august (27.49%). The month with the lowest amount of relative humidity is April (27.49%). The wettest month is August (19.37 days). Whilst the driest is November (0.93).

	Janay	February	-Mirch	Apri	stey	Jun	:Mj	lapst	September	October	November	December
Avg. Temperature (C. (19)	13510	17%	210	19410	mr	3840	111	3%	28210	340	2110	155°C
	网有牛	成前午	(T)(F	備牛	谢谢华	國有华	<b>18</b> 47	(M2)*F	服功学	(TRAYF	個非生	樹脂作
Mn Temperature (C (19)	7810	11510	218	21210	25610	28	295	28	2111	11370	2'14	92°C
	16.6)4	做到平	创新年	1114	12119	牌相手	1049	(188,4	图相望	(86.8) 4	原用乎	(48.8) *
Max Temperature "C ("F)	218	246	1110	11.0	0.0	27.0	315	NEC.	3110	MAL	718	242
	(\$2)4	(TAB) T	#1.7	(MALY	(BB)T	(1012)*	10.67	傳育	10917	(847	間生	(23)7
Procipitation / Randal	23	Ħ	X	13	19	71	197	18	.9	14	5	1
mm (in)	10	(1)	(1)	(1)	前	(7)	1	(1)	(0)	11	(1)	(II)
Humidly(%)	65	50%	85	775	375	4%	05	155	.05:	52%	525	85
Rainy days (d)	2	}	2	1	4	T.	14	15	1	2	I.	1
avg. Sun bours (hours)	83	34	10.6	115	121	118	9.6	\$1	84	101	11	13

#### **DEMOGRAPHICS**

According to the 2011 census, Gurugram district has a population of 1,514,432. The district has a population density of 1,241 inhabitants per sq km (3,210/sq mi). Gurugram has a sex ration of 853 females for every 1000 males, and a literacy rate of 84.4%. At the time of the 2011 census of India, 91.91% of the population in the district spoke Hindi, 2.35% Punjabi, 2.20% Bengali, 0.49% Maithili and 0.04% Odia as their first language.

### SOIL TYPE

- •Alluvial soil humus, lime and organic matters are present.
- •Highly fertile.
- •Color: light grey to ash grey.
- •Texture: sandy to silty loam or clay.
- •Bearing capacity is 80kn/sqm to 160kn/sqm.
- •Raft foundation is preferred for Alluvial soil.

### VEGETATION

Gurugram's natural vegetation called a thorn forest, which forms a transition zone where dry deciduous forest shades in to desert scrub a semi arid environment. Most common trees of thorn forest are, acacias and their relatives a group of Fleguwnous(pod bearing) plants called "mimosas" like Babool, Jhand. Phulai, Khoj and Khair.

### **HYDROLOGY**

Ground water at approx 100-15ft below the ground level, depending upon the different seasons. Thus, basement construction is easy and desirable. Rainwater harvesting is to be essential incorporated in design by collecting water through pavement areas.

#### **SIESMIC DETAILS**

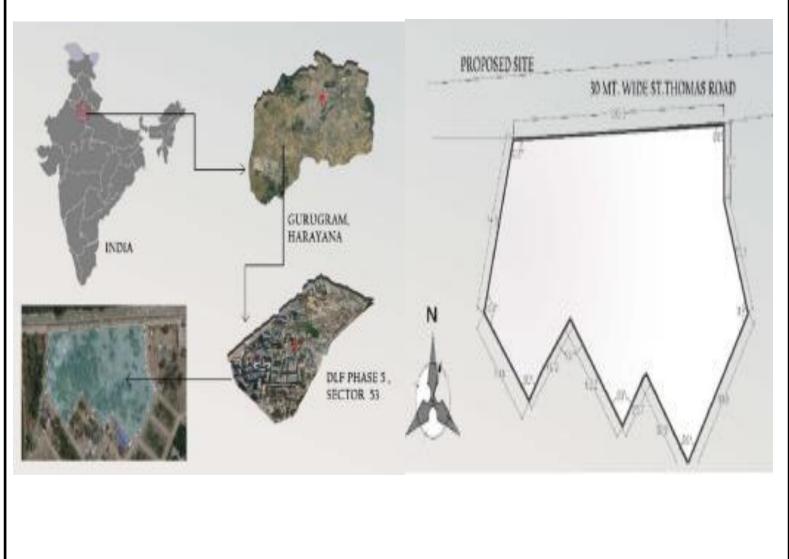
The entire region of Gurugram falls in high risk of seismic zone iv making it vulnerable to earthquake. Although no major earthquake has occurred in Gurugram in recent years, yet tremors have been felt whenever there is an earthquake nearby.

# PROJECT BRIEF

- Project- Nrityashala cultural complex
- •Client- municipal corporation of Gurugram
- •Location- DLF phases sector 53, Gurugram
- •Coordinates- 22'44'91.17N and 77'08'97'.66E
- Elevation- 217 mts from sea level
- Shape- Irregular plot shape.
- Area- 40468.564 sq mt.(10 acres)

# SITE DETAILS

The site is spread over 5.5 acres land at St. Thomas Marg DLF Phase 5, Sector 53, Gurugram, Haryana. The shape of site is irregular spread over 5.5 acres of land and is accessible through road on one side only which is 8mt wide respectively.



#### **ORIENTATION**

THE FOLLOWING DIAGRAM SHOWS THE ORIENTATION OF THE SITE.

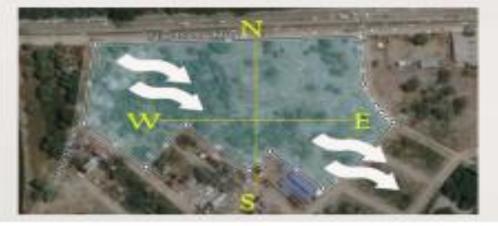


#### SUN PATH



#### **WIND DIRECTION**

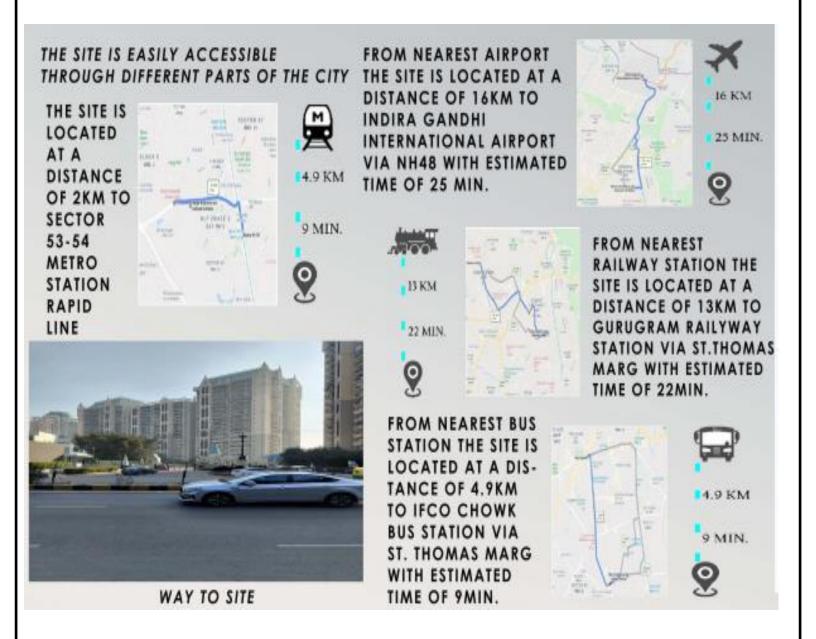
# THE FOLLOWING DIAGRAM SHOWS THE WIND DIRECTION AT THE SITE



#### **CONTEXT MAPPING**



#### **APPROACH TO SITE**



### **ON SITE FEATURES**

#### VEGETATION

Wild grass and shrubs the site is sparsely vegetated thus it becomes essential to plan a well designed landscape scheme to reduce the energy consumption of the building.



#### GAS PIPELINE

The site is serviced directly with SKN.HCG (SKN. Haryana city gas) pipeline.

### MAN-HOLE CHAMBER

MCG (Muncipal Coorporation of Gurugram) services. The man-hole chamber present at the site on the side of St. Thomas Marg.

### **ELECTRICITY SUPPLY**

The site is serviced with under ground electricity provided by the Dakshin Haryana Bijli Vitran Nigam (DHBVN).

### **BYE – LAWS**

- Total plot area- 40468.564 sq mt.(10 acres)
- •Permissible ground coverage- 25%
- •Permissible F.A.R- 1.5
- •Set back—

Front set back:- 15m Rear set back:- 9m



# S.W.O.T ANALYSIS

#### STRENGTH

- •Location of site is situated within a km from the major transit station
- Promote pedestrian and walkable design
- •All major services are available nearby
- •The site is connected to Delhi and NCR region easily.

#### WEAKNESS

- •No interesting view side from site and its surrounding.
- •The soil type is alluvial soil which will result in the construction pile foundation for the structure to be constructed at the site.

#### OPPORTUNITY

- •To create landmark for the city of Gurugram city.
- •The project will promote the cause of cultural activities for the city

•The Nrityashala will promote the practicing of art and culture for the youth.

#### THREAT

•The plantation of on and off site are to be dislocated for the construction of building.

# LIVE STUDY I: INDIA HABITAT CENTRE, NEW DELHI

#### INDIA HABITAT CENTRE, NEW DELHI, INDIA(1988-93)

LOCATION: 4, SAFDAR HASHMI MARG MANDI HOUSE, NEW DELHI, INDIA. SITE DETAIL: SITE AREA 9 ACRES GROUND COVERAGE 25% (9609 SQM) F.A.R 1.4 TOPOGRAPHY - PLOT IS LSHAPED WITH

PRIMARILY FLAT TERRAIN.

#### INTRODUCTION

INDIAN HABITAT CENTRE WAS CONSTRUCTED TO DEVELOP AN INTEGRATED ENVIRONMENT IN WHICH VARIOUS PROFESSION AND INSTITUTE DEALING WITH HABITAT AND HABITAT RELATED ENVIRONMENTAL ISSUE VOTE FUNCTION.

IT IS A PLACE THAT HANDLES AN ENORMOUS VARIETY OF PEOPLE AND PRIVATE ACTIVITIES FROM HOUSING TO BANKING TO ENTERTAINMENT TO FOOD.

INHABITAT CENTRE IS HOME TO 37 INSTITUTES LIKE TERI, HUDCO, COA, NID ETC. THROUGH OF AN IMPOSING NATURE THE BUILDING COM-PLEX MANAGES TO BLEND IN WITH ITS SUR-ROUNDINGS THROUGH ITS NATURAL EMBAR-RASSMENT.

IN KEEPING WITH ITS HABITAT THEME, THE WHOLE COMPLEX HAS BEEN GENEROUSLY PROVIDED WITH NATURAL GREENERY TO PROVIDE AN UNDILUTED EXPERIENCE OF OPEN NATURE.

THE PRINCIPAL RESOLVES OF THE CENTRE "TO RESTORE AT EVERY LEVEL ENVIRONMENT AND ECOLOGICAL BALANCE AND IMPROVE WAY OF LIFE" TO BE REFLECTED IN CONCEPT AND DESIGN

#### ZONING

THE COMPLEX IS DIVIDED INTO TWO BLOCKS. NORTH BLOCK -THE BLOCK ADJOINING THE LODHI ROAD IS FURTHER DIVIDED INTO FOUR ZONES - 4, 5, 6 AND 7

THIS BLOCK COMPRISES OF PUBLIC FACILITIES LIKE ART GALLERY, RESTAURANT ON GROUND FLOOR, TOP FLOOR HAVE OFFICE AREAS.

SOUTH BLOCK- THIS BLOCK IS FURTHER DIVIDED INTO TWO ZONES - 182

ADVORUME.CO HOUSES MOST OF THE ANCILLARY FACILITIES OF THE NORTH BLOCK LIKE AUDITORIUM GUEST ROOMS, CONFERENCE, LIBRARY, HEALTH CLUB, SWIMMING POOL AND RESTAURANT ETC.

#### SPATIAL ORGANISATION

THE HABITAT CENTRE IS ORGANIZED AS A SERIES OF FOUR TO SEVEN STOREY BLOCKS AROUND LINKED SHADED COURTYARDS. THE BUILT FORMS ARE GROUPED AROUND CLIMATE TEMPERED COURTS, SHADED BY OVERHEAD SUNSCREENS AND ARE ENLIVENED BY VERTICAL GARDENS.

THE COMPLEX HAS A VERY WELL PLANNED SEGREGATION OF SPACES.THE PUBLIC AND THE SEMI-PUBLIC AREAS HAVE BEEN PIKED IN SEPARAT BUILT BLOCKS, THE COURTS AND THE LANDSCAPE AREAS FORM A VERY GOOD CONNECTION BETWEEN THE TWO.

### 5 ath block. TORENAL DRAFT

ARCHITECT: JOSEPH ALLEN STEIN

#### FACILITIES

FACILITIES FOR THE USE OF MEMBERS:

1. 40,000 SQUARE METRES OF OFFICE ACCOMMODATION

2.CONFERENCE ROOMS WITH THE TOTAL CAPACITY OF 1000 IN 10 LOCATION

- 3. 60 GETS ROOM 5 SUITES.
- 4. 700 SQUARE METRE EXHIBITION AREA.
- 5. 250 AMPHITHEATRE
- 6. AN AUDITORIUM WITH 500 CAPACITY.

ACCESSIBILTY Febre Airport. Domestic Airport w Delh way Static Old Delhi Railway itation connaught Place India Gate:

LEVEL THE L-SHAPE COMPLEX HAS AN EXCESS FROM

CIRCULATION SITE

3 SIDE, WITH THE LODHI ROAD (GATE1) ON THE NORTH, MAX MULLER GATE (GATE 2 2A) TOWARDS THE WEST AND VARDHMAN MARKS THE IHC PROVIDES THE FOLLOWING (GATE 3 3A) ON THE SOUTHERN SIDE.

> ALL THE GATES LEAD TO THE DOUBLE BASEMENT PARKING.

GATE 1 ON LODHI ROAD HAS SURFACE PARKING FOR CHAUFFER DRIVEN CARS. LODHI ROAD HAS DEDICATED PEDESTRIAN ENTRY.

GATE 2A SERVES AS ENTRANCE FOR FIRE TENDERS.

GATE 3A IS USED AS SERVICE ENTRY FOR **RESTAURANTS AND GUEST HOUSE.** VEHICULAR MOVEMENT IS RESTRICTED TO THE PERIPHERY OF THE SITE.

#### CIRCULATION BUILDING LEVEL

10 minu INDIAN HABITAT CENTRE IS 20 mins.

DESIGNED AS A VEHICLE FREE ENVIRONMENT. ALL THE CARS AND 2 VEHICULAR ARE DIRECTED TO 2 LEVEL OF BASEMENT AFTER DROP OFF. ON SITE CIRCULATION BECOME PART OF THE ACTIVITY.

COURTYARD ACT AS A IMPORTANT LINK IN THE CIRCULATION PATTERN.

#### APPROACH

THIS SITE HAS ACCESS FROM 3 SIDES HAVING THE LODHI ROAD ON THE NORTH MAX MULLER MARG TOWARDS THE WEST AND VARDHAMAN MARG ON THE SOUTHERN SIDE.



COURTYARDS ARE PROVIDED WITH SITTING AREAS AND ACT AS ACTIVE GATHERING SPACES WITH MULTIFUNCTIONAL USE FROM DISPLAY OF ARTIFACTS TO INFORMAL CONFERENCES.



INCOMENTACTS AS A PELL OF AREA FOR OPENHABIL NATURE M.

	COURTYARD
(ALCORE	REFLECTORS ARE INSTALLED
LEANED 7	ABOVE COURTYARDS TO
DRUCTION OF	PROVIDE SHADE AND PREVENT
	SUN FROM ENTERING INTO THE
EA.	BUILDING.
AD1108	REFLECTORS ARE ALIGNED AT

SHADING

DEVICE OVER

AN ANGLE WHICH REFLECTS BACK OF THE SUNLIGHT AND CHANGE THEIR ANGLE IN WINTERS TO LET IN SUN.

PLANNING HABITAT CENTRE IS ORGANIZED AS A SERIES OF 5-6 STOREY BLOCKS. **•THE COMPLEX HAS A THOUGHTFUL ZONING OF SPACES-**

•THE AREAS WHICH EXPECT LARGE INFLOW OF PUBLIC ARE PLACED NEAR THE ENTRANCE. •THE TWO BLOCKS ON THE LODHI ROAD HAVE PUBLIC FACILITTIS ON GROUND FLOOR AND OFFICE AREAS ON THE UPPER FLOORS.

URPASIO

THE BLOCKS HOUSING THE OFFICES ARE ARTICULATED TO FORM COURTYARDS. THE COURTS ALSO BEING PUBLIC SPACES FOR EXHIBITION OFFICES HAVE ENTRANCES FROM INNER SIDE OF THE COURTYARD.

THE BLOCKS FACING THE HOUSING AREAS ON VARDHMAN MARG HAVE BEEN KEPT LOW HEIGHT.

•THE COURTYARDS BECOME ACTIVE AREAS AFTER OFFICE HOURS.

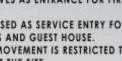
**•UPPER FLOORS ARE CANTILEVERED TO PROVIDE SHADING TO THE FLOORS BELOW.** 



nh block

INC ADDRESS 081964





BUILDING HAS TYPICAL CHARACTER, SO IT IMPRESSESTHE PASSERBY. ON BOTH SIDES ARE ROADS HAVING FAST MOVING TRAFFIC LEADING TO NOISE DISTURBANCE, SO MAXIMUM LANDSCAPED ARE PROVIDED NEAR PERIPHERY TO OVERCOME THIS.

OBSERVATION







Distance

15 Kres

12 Kess

07 Kres

16 Kres

05 Kms. 05 Krm Tinis

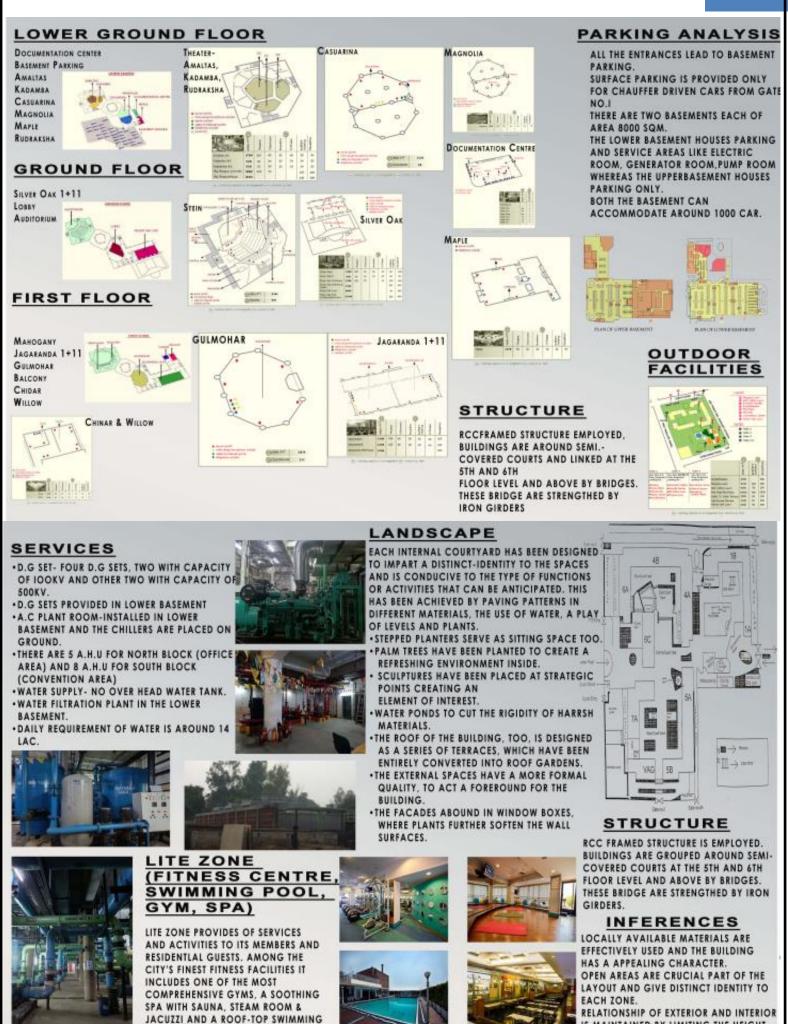
15 min.

30 mins.

07 mim.

05 mars.

SPACES, THE COURTYARDS.



POOL.

IS MAINTAINED BY LIMITING THE HEIGHT OF THE BUILDINGS.

# LIVE STUDY II: SRI RAM CENTRE FOR PERFORMING ARTS, NEW DELHI

### SRI RAM CENTRE FOR PERFORMING ARTS

LOCATION: ARCH 4, SAFDAR HASHMI MARG, SHIVN ,MANDI HOUSE, NEW DELHI, INDIA. <u>SITE AREA-</u> 0.25HA SITE 2500 SQUARE METER <u>GROUND COVERAGE:</u> 33% (825 SQUARE METER) <u>BUILDING HEIGHT:</u> 18M 21 M IN DIAMETER CYLINDER. 30X30M SIZE RECTANGULAR BOX

## HISTORY

THE SHRI RAM CENTRE PERFORMING ARTS STARTED AS A CULTURAL SOCÉTY IN THE 1950. IT WAS ESTABLISHED THE BHARAT RAM FAMILY. SRCPA IS BUILT BY THE UK-TRAINED ARCHITECT SHIV NATH PRASAD IN 1969. THE COMPLEX IS DEDICATED TO SHOWCASING HINDI THEATRE.

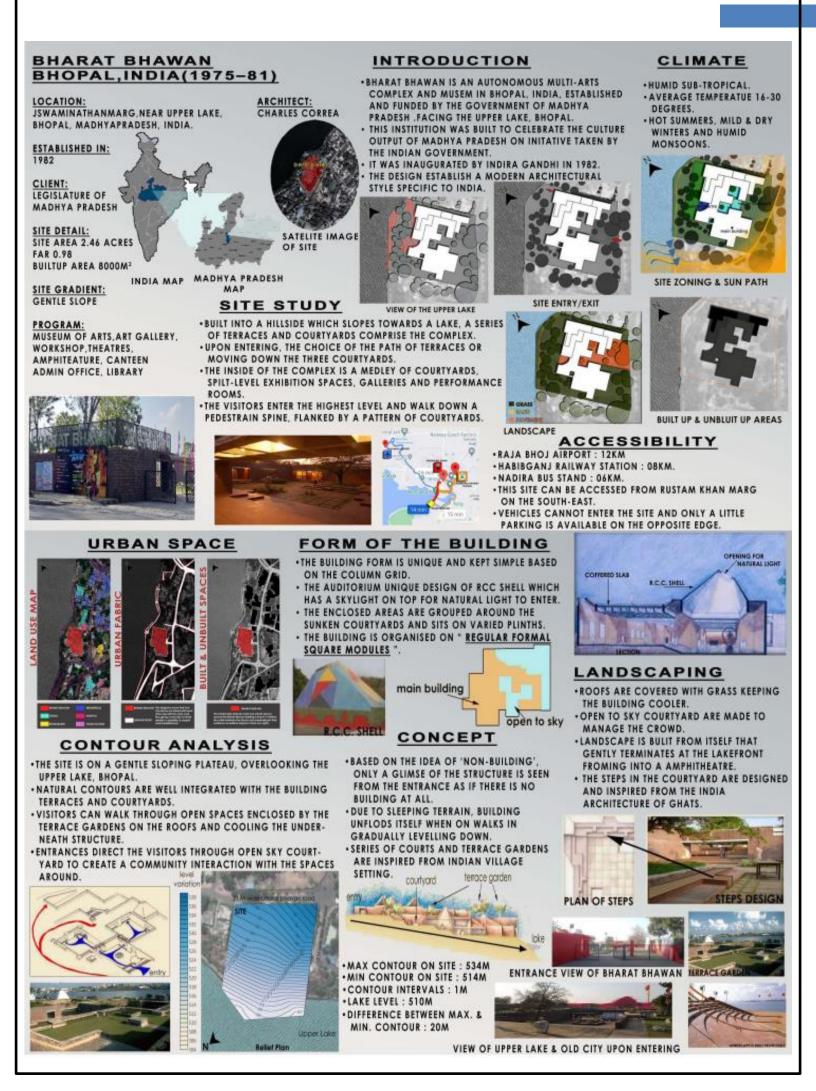
# CONCEPT

THE TO BUILDING USING PURE GEOMETRICAL FORMS SUCH AS CUBOID AND CYLINDER BY USE OF MATERIALS SUCH AS CONCRETE. EXICK WORK STONE TO GIVE IT A RAW SIMILAR TO A SCULPTUE.





# DEAD STUDY I: BHARAT BHAWAN, BHOPAL





#### BUILDING MATERIALS

RED SANDSTONE. FLEMISH BOND BRICK. RCC FRAMEWORK. EXPOSED CONCRETE.



ASHLAR STONE ON OUTER FACADE.
 THERE ARE TWO SETS OF SH
 MARBLE AND GRANITE IN INTERNAL SPACES.
 BETWEEN THE OPENING OF

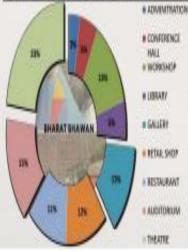


## INFERENCES

GREAT EXAMPLE OF RESPONDING TO THE SITE.

- THE TERRACES AND OPEN TO SKY SPACES BIND THE BUILT MASSES INTO AN EXPERIENTAL WALK FOR THE VISITORS.
- COURTYARDS ACT AS IMPORTANT TOOLS FOR PLACE MAKING.
- SITE IS ENTIRELY PEDESTRIAN WHICH LACK TO ACHIEVE UNIVERSAL ACCESS.
- THE NATURE OF PUBLIC SPACE CREATE IS INWARD LOOKING WITH VOLUMES CONTAINING THE INSIDE FROM THE OUTSIDE.

AREA DISTRIBUTION



## LIGHTING AND VENTILATION

 LIGHTING AND VENTILATION ARE PROVIDED FROM THE CONCRETE SHELLS AND FROM SLOTS ALONG THE TERRACE PARAPET.
 THERE ARE TWO SETS OF SHUTTERS BETWEEN THE OPENING OF COURTYARDS AND TERRACES.

•THE INNER ONE CONSIST OF COMBINATION OF FIXED GLASS AND THE OUTER ONES CONSIST OF LARGE WODDEN DOORS, FOR SECURITY PURPOSES.









COMPONENTS	SPACES	NO.OF USERS	AREA (SQ.M)	REMARKS
ARTS CENTER	FOYER & LOUNCE	15-20	80	· LAKE VIEW
(ADMINISTRATION	RECIPTION	10.00	20	MAIN OFFICE
BLOCK)	DIRECTOR'S OFFIC	1	80 18	FOR
	F.A. ROOM ACCOUNTS	20	66	ORGANIZING FUNCTIONS
	OFFICE TOILETS STORE		20 10	
CONFRENCE	LOUNGEL INFO D		100	· USED BY THE
PACILITES	CONFRENCE ROO STORE	W2 (5) 55	78	DURING
	PANTRY		10	FESTIVAL TIME
	SEMNAR ROOMS	80	150	
STUDIO/WORKSHOPS	DANCE STUDIO (2) MUSIC STUDIO (2)		120	<ul> <li>ATTACHED SPILL OUT</li> </ul>
	PAINING STUDIO		60	SPACES.
	TEXTLES STUDIO		60	
	DRAMA STUDIO	0.0277	120	
	ENCLOGRAPHY STU PHOTOGRAPHY ST		40 40	
	FHOTOGRAPHY LA	2011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AD	
	SCULPTURE WORK	SHOP	120	
	POTTERY WORKSHI		78	
	CERAMIC WORKS MODELLINGWORK		76 76	
OMPONENTS	MACES	NO.OF USER	AREA (3G.M)	REQUIREMENTS/ REMARKS
				REMOVAND
LIBRARY	CIECULATION DESK		100	· ACADEMIC
	12 CARKELS PERIODI		1.1	<ul> <li>ZONE</li> <li>DESIRABLE</li> </ul>
	20 COMP. TERMINAL STACK	3	40	NORTH LIGHT.
	ROOM (2000 BOOK	(6)	1.00	2010/02/2012
	PHOTOCOPY		10	
	INCRE		20	
1002030000203	GALLERIES		0.550	
EXHIBITION GALLERIES ART GALLERIES	SECURITY & OFFICE		50	1 INCLUDE
ALL MARKENER	CUBATOR'S ROOM		60	DISPLAY GALLERIES FOR
	WORKSHOF & STOR	AGE	100	WORK DONE IN THE CENTER
RETAIL SHOP	40020 5Q.M		800	- TO NE DEVELOPED AS A
RESTURANTS : 2	LEATING: @ 2/FFL	78	150	MIX OF RETAIL
	KITCHEN: (IG.8/ FFL SERVICE YARD: (IG.		60 22	· LARE VIEW
	SEATING: @ 2/PFL	60	100	
	KITCHEN: 00.8/ PPL	1972	40	
	DIRVICE VARD. 90.3 CIRCULATION	2/1991	15 590	
OMPONENTS	SPACES	NO. OF USERS	AREA (SQ.M)	REQUIREMENTS/ REMARKS
			and the second	
AUDITORIUM	FOYER		240	<ul> <li>OPEN OUT TO SPILL OUT AREA</li> </ul>
	ADMIN. OFFICE	30.28	40	· SPECIAL
	GREEN ROOM	20.24	40	ACCOUNTIC
	TOILETS	1999	50	SYSTEM
	HALL	300	560	
THEATRE	TICKET OFFICE	20-25	10	<ul> <li>NO SECURE</li> </ul>
	TOILETS		70	AREA, RETAIL OUTLETS
	OFFICE	40	80	· WITH ACCESS TO
	REHERSAL ROOM	20	40	CANTEEN
	DRESSING ROOM	40	60	<ul> <li>CONTROLLED</li> </ul>
	STAGE WORKSHOP LOADING/UNLOADI	A NO	40 20	ENVOIRMENT
	PROJECTION ROOM	2	40	
	AUDITORIUM	800	800	
	TOTAL BUILT-UP AREA	C 11 1 C 000 2 ***	ULATION	
	ACHIEVED FAR + 0.9	746 5GM	16 AREA - 7948 St	-

# DEAD STUDY II: KALA ACADEMY, PANJIM

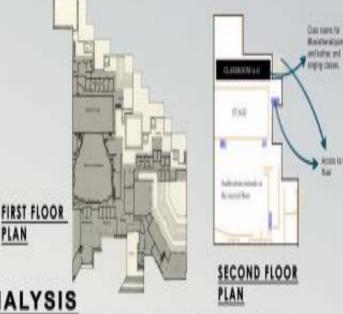


### SERVICES

THE SERVICES BUILDINGS AC PLANT AND GENERATOR ROOM ARE PROVIDED ON THE WESTERN CORNER OF THE SITE NO WAY DISRUPTING THE NORMAL FUNCTIONING OF THE BUILDING. TWO SEPARATE SERVICE ENTRIES HAVE BEEN PROVIDED ONE TO THE GENERATOR ROOM AND THE OTHER ON THE EASTERN CORNER OF THE SITE.

THE EASTERN ENTRY CATERS TO THE NEED OF THE AMPHITHEATER AND THE CANTEEN.

A LOADING DECK HAS ALSO BEEN PROVIDED HERE. THE SEPTIC TANK IS PROVIDED UNDERNEATH THE GARDEN.



### ANALYSIS

THE LAYOUT AND THE BUILDING ZONING PROVIDED ARE EXCELLENT HAS BROUGHT IN A DIFFERENT OVERALL TREATMENT. GOOD ACOUSTICAL TREATMENT

THE FLOW OF SPACES HAS RESULTED IN A GOOD BUILT-OPEN RELATIONSHIP.

GOOD USE OF SITE FEATURES HAS SUCCESSFULLY MADE THE PUBLIC SPACES INTERESTING BY USE OF SCULPTURES, PAINTINGS, SEATING'S ETC. THE CAFETERIA IS THE MOST ACTIVE SPACE WITH GOOD VIEW TO THE RIVER.

VEHICULAR AND PEDESTRIAN WAYS PROPERLY DEFINED.

SERVICE BLOCKS ARE SEPARATED

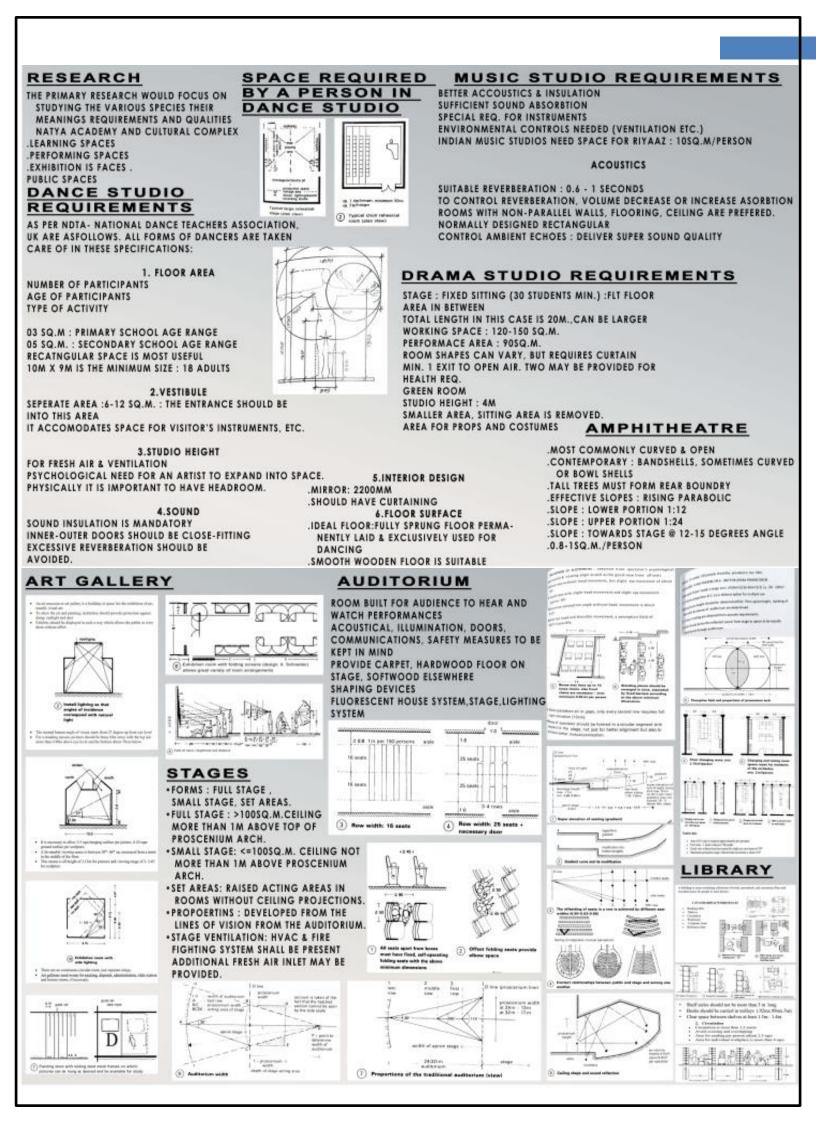
SECURITY MEASURES PROVIDED ARE MINIMUM.

SIGNAGE PROVIDED IS MINIMUM.

THE TREES HAVE TO SOME EXTENT BLOCKED THE VIEW TO THE RIVER PUBLIC SPACES TOOLARGE

LNO	AREA DETAILS	AREA (SQ.M)	
1.	DM KALAMANDIR	1300	
Δ.	TOTAL SEATING	1000 PERSON	
8-	PROSCENIUM STAGE OPENING	9.6	
C-	EXPANDABLE	11.4	
D: 8-	PROSCENIUM HEIGHT PROM CURTAIN LINE	4.8 12.4	
r-	APPEARANCE STAGE DEPTH	2.7	
G-	ORCHESTRA PIT	7.282.1	
H+	STAGE HEIGHT FROM FIRST ROW	0.8	
)- )-	ANGLE OF WALL AISLI	120	
2-	OPEN AIR AUDITORIUM	1780	
Δ.	SEATING (CHAIR)	1034 NOS	
8-	SEATING (NO CHAIR)	2000	
C-	PROLCENIUM OPENING	16	
D	APPERANCE STAGE DEPTH	2.7	
3-	MINI THREATRE	900	
٨	SEATING(CHAIR)	125 NO5	
6- C-	SEATING (NO CHAIR) TREAD	300 NOS 0.85	
0	RISER	0.45	
8-	AISLE WIDTH	1.2	
r. G-	STEPS (TREAD)	0.28	
H.	STEPS (RISER) STACE	0.18 7.5 X 7.5	
	1022	77,0000	
I.NO	AREA DETAILS	AREA (SQ.M)	
6	BLACK BOX	175	
A- 8-	SEATING (CHAIR) SEATING (NO CHAIR)	159 NOS 200 NOS	
5.	PREVIEW THREATRE	45	
۸-	CAPACITY	24 NOS	
4	ADMINISTRATIVE	800	
7-	REHERSAL HALL	150	
A	SEATING (CHAIR)	100 NO5	
Б.	SEATING (NO CHAIR)	200 NO5	
8-	MEETING BOOM	7.3 X 6.16	
<b>9</b> .	UBRARY	135	
A	AIBLE	0.8-1.0	
8.	READING SACE	20 NOS	
10-	CAPETERIA	450	
A.	ROOM AREA	7.3 X 6.18	
11-	GUEST ROOM	83	
12.	CLASS ROOM	8.6	
13-	CARPARKING	2000	
S.NO	AREA DETAILS	AREA (SQ.M)	
14	ART GALLERY	160	
1		30 X 1.60	
A	WALLEFACE		

# LITERATURE STUDY





#### INTRODUCTION

INDIA HAS A VARIOUS INTANGIBLE CULTURAL HERITAGE ONE OF WHICH IS INDIAN CLASSICAL DANCE FORMS. DANCE IN SPACE IS A PLATFORM TO CONSERVE THE INDIAN CLASSICAL

DANCE FORMS AND ALL THE AUTHENTIC ACTIVITIES RELATED TO THE DANCE FORMS BY CREATING A SPACE THROUGH THE IDEAS OF ANOTHER DISCIPLINE, ARCHITECTURE.

ALTHOUGH ARCHITECTURE IS DIFFERENT FROM PAINTING, MUSIC AND DANCE, ETC.

I BELIVE DANCE AND ARCHITECTURE HAVE MUCH IS COMMON. DANCE, BY DEFINITION IS "A CONSCIOUS EFFORT TO CREATE VISUAL DESIGNS IN SPACE BY CONTINUOUSLY MOVING THE BODY THROUGH A

SERIES OF POSES AND PATTERN TRACINGS". THEREFORE, ARCHITECTURE CAN BE A MEANS TO CONSERVE OUR DIFFERENT INDIAN DANCE FORMS.

DANCE IN INDIA COMPRISES NUMEROUS STYLES OF DANCE FORMS WHICH ARE CLASSIFIED UNDER INDIAN CLASSICAL DANCE FORMS AND INDIAN FOLK DANCERS, IN WHICH SOUTH INDIA ALONE HAS MANY DIFFERENT DANCE FORMS LIKE.

OVER THE YEARS, THE VISIBILITY OF INDIAN CLASSICAL DANCE HAS BEEN OMINISHING. ONE OF THE REASONS FOR THIS IS THAT PEOPLE HAVE STOPPED RELATING

TO THEM AND ARE NOT PROVIDED WITH ENOUGH PLATFORMS TO

TO THEM AND ARE NOT PROVIDED WITH ENOUGH PLATFORMS TO EXPLORE AND TO EDUCATE ABOUT IT. ON THE CONTARY A LOT OF NEW/WESTERN DANCE FORMS ARE EMERGING AND ARE BEING SEEN IN BOLLYWOOD AS WELL. THEY ARE ESPECIALLY GAINING ATTRACTION AMONG THE YOUNGER

DEMOGRAPHIC HENCE, THERE IS EXTERME NEED OF PROVIDING AWARENESS REGARDING THE CLASSICAL DANCE FORMS AND ALSO TO PROVIDE STAGE AND PLATFORMS TO RECOGNIZE AND ENCOURAGE INDIAN CLASSICAL DANCE

FORMS. DANCE IN SPACE STRIVES TO PROVIDE A PLATFORM FOR CLASSICAL DANCE FORMS AND ALSO ENCOURAGE OUR CULTURAL DANCE FORMS.

#### **HISTORY OF INDIAN** CLASSICAL DANCE FORMS:

INDIA'S CLASSICAL PERFOMING ART GERMINATED FORM THEORY. ANCIENT TEXTS OF NATYA SHASTRA CONSIST OF 6,000 POEMS IN 36 CHAPTERS DESCRIBING THE FOUNDATION OF MUSIC, DANCE, AND LITERATURE.

THE ART ENCYCLOPEDIA, WRITTEN BY BHARATA MUNI, GIVES DETAILS OF SPECIFIC LIMB MOVEMENT AND FACIAL EXPRESSIONS THAT DANCE MUST INCORPORATE.

ARCHAEOLOGICALLY EVIDENCE FOR EARLY DANCE INCLUDE 9000 YEAR OLD PAINTING IN INDIA AT THE ROCK SHELTERS OF BHIMBETKA.

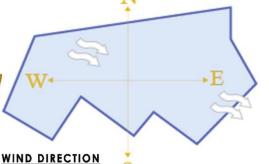
IT HAS BEEN PROPOSED THAT BEFORE THE INVENTION OF WRITING LANGUAGE, DANCE WAS AN IMPORTANT PART OF THE ORAL AND PERFORMANCE METHODS OF PASSING STORIES DOWN FROM ONE GENERATION TO THE NEXT.

DANCE AND PERFORMANCE ARTS, STATES THIS ANCIENT TEXTS, ARE A FORM OF EXPRESSION OF SPIRITUAL IDEAS, VIRTUES AND THE ESSENCE OF SCRIPTURES. THESE DANCE FORMS HAS TO BE PRESERVED AND HAVE TO BE GIVEN IMPORTANCE.

INDIA HAS MANY DANCES, COMING FROM EVERY STATE IN THE COUNTRY, ALTHOUGH THERE ARE ONLY EIGHT FORMS OF THE CLASSICAL DANCES FORMS OF THE CLASSICAL DANCES RECOGNISED BY INDIA ON A NATIONAL LEVEL. THEY ARE BHARATNATYAM, KATHAK, KATHAKALI, MANIPURI, KUCHIPUDI, SATTRIYA, MOHINIYATTAM AND ODISSI. THE FOLK DANCES OF INDIA ARE MUCH MORE THAN MERE BODY ARE MUCH MORE THAN MERE BODT MOVEMENTS, FROM THE VERY ANCIENT TIMES THE CLASSICAL DANCE FORMS OF INDIA IS CONSIDERED AS A DISCIPLINE AND A WAY TO DEVOTE YOURSELF TO GOD THROUGH ART







CLIMATE- COMPOSITE .CLIENT- MUNICIPAL COORPORATION OF GURUGRAM •LOCATION- DLF PHASES SECTOR 53, GURUGRAM •COORDINATES- 22'44'91 .17N 77'08'97'.66E **•SHAPE- IRREGULAR PLOT SHAPE.** 

SUN PATH

DANCE STUDIO (MUKULA)

2.8.9.2.9

MAIN BLOCK (TRISHULA) CANTEEN (SOOCHI PAAKA) GUEST COTTAGE (BRAMARA)

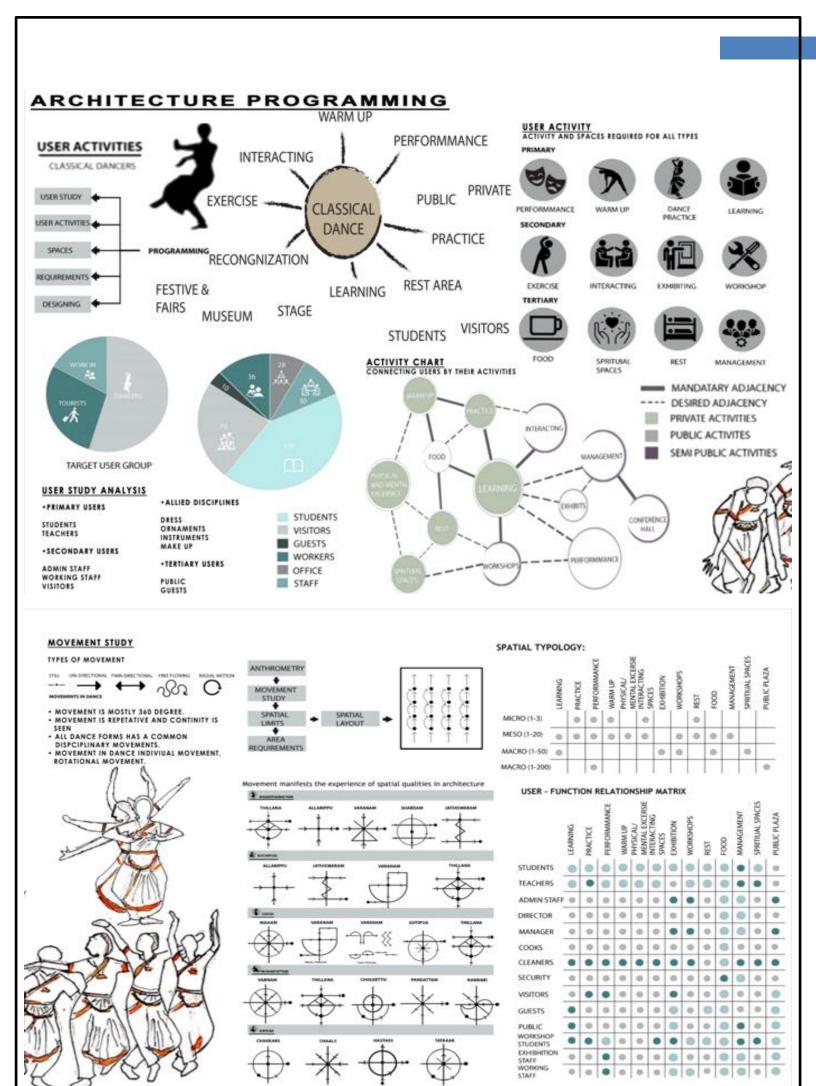
GAZEBO

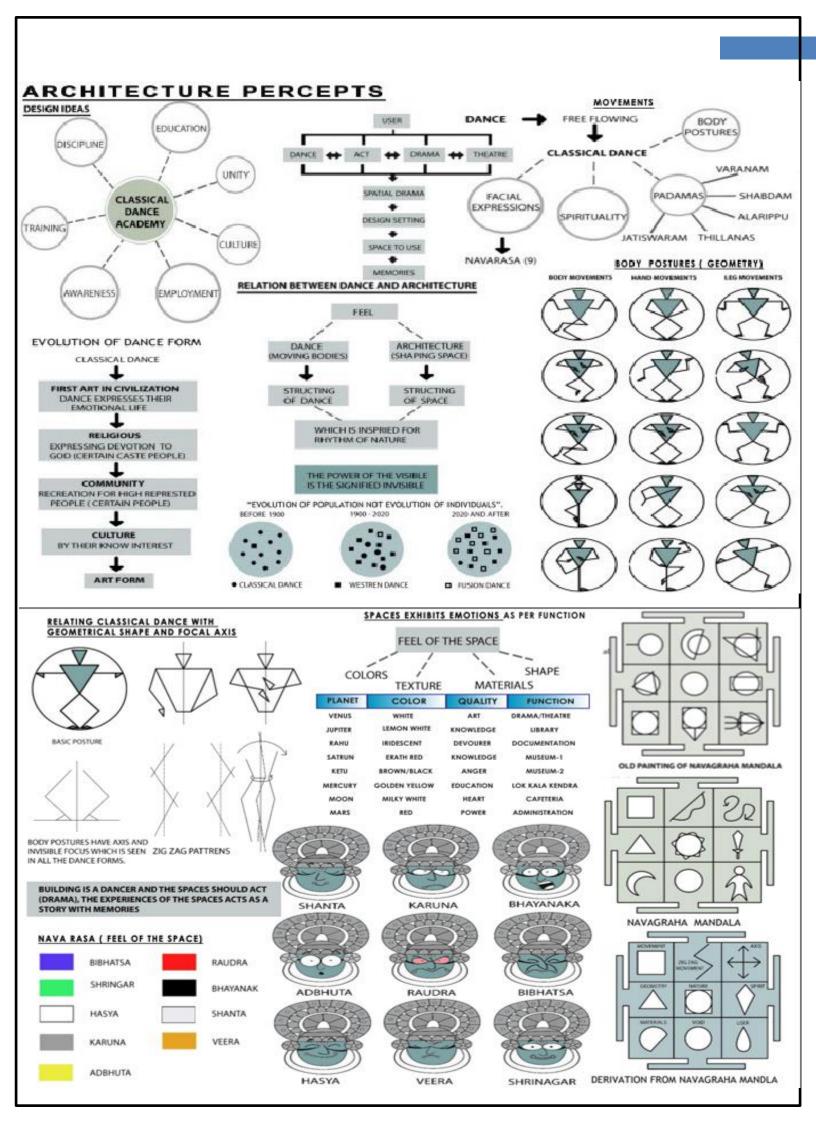
MUSIC STUDIO (ALAPADMA)

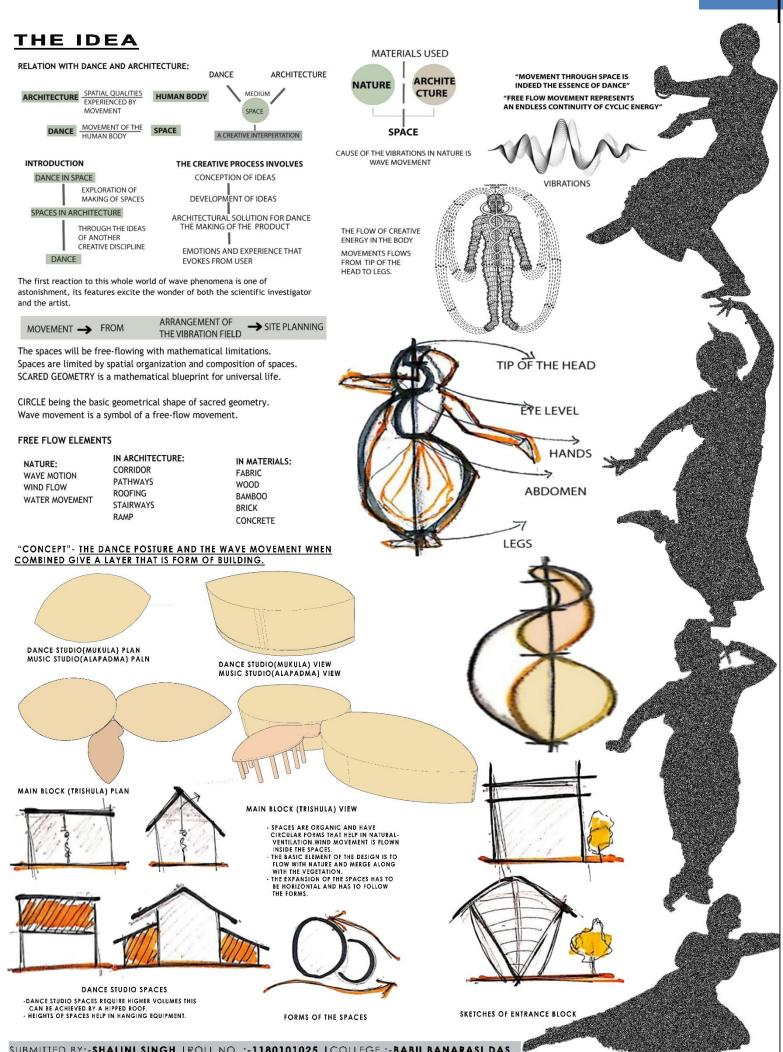
CONCEPTUAL VIEW

HOSTEL UNIT (LAANGOOLA)

D







SUBMITTED BY:-SHALINI SINGH | ROLL NO. :-1180101025 | COLLEGE :-BABU BANARASI DAS

# AREA FRAME ANALYSIS

	FRAMED AREA ANA	LY	SIS			
NO	SPACE DESIGNATION	QUA	ANTITY	AREA/PERSON (sq.m)	TOTAL ARE (sq.m)	A OCCUPAN
		1.				_
	DIRECTORS ROOM DEAN OFFICE	1		4.5 4.5	32 32	7
	CHAIRPERSON ROOM	1		4.5	32	7
	ASST.CHAIRPERSON ROOM	1		4.5	30	7
	BOARD ROOM	1		3	35	12
	ACCOUNTS DEPARTMENT	1		4.5	32	7
	CONFRENCE ROOM	1		4.5	52	12
	STAFF TOILETS	2		2.5	46	18
	TOTAL CIRCULATION AND WALL(35%) TOTAL				289 101 389	
VISITOR'S ADMIN & RECEPTION	RECEPTION DESK		1	2.5	15	3
	WAITING AREA		1	3	40	10
	MANAGER OFFICE		1	4.5	36	8
	CLOAK ROOM		1	4.5	28	6
	BOX OFFICE		2	13	30	3
	SERVICES				40	
	TOILETS		2	2.5	50	20
	TOTAL CIRCULATION AND WALL(35%)				240 84	
	TOTAL	-		1	324	
SCHOOL OF ART	EMERITUS FACULITY	1		4.5	32	7
	OFFICE WORKSTATION	1		4.5	30	6
	TECHNICAL STAFF CUBICLE	4		2.5	240	24
		2		4.5	54	6
	EXHIBITION GALLERY	2		2.5	84	16
		1		1.8 o	31	17
	ART STUDIO	2		9	168 242	9 26
	DESIGN STUDIO VIDEO THREATRE	1		9 4.5	120	26
	TOILETS	2		2.5	120	20
	CLOAK ROOM	2		2.5	56	11
	LOCKER ROOM	2		2	9	5
	EXHIBITION WORK MODEL	1		2.5	84	33
	ART LIBRARY	1		10	256	25
	TOTAL				1500	
	CIRCULATION AND WALL(35%)				527	
	TOTAL				2027	
SCHOOL OF DANCE	TECHNICAL DANCE DIRECTOR'S ROOM	1		4.5	36	8
	DANCE DIRECTOR'S ROOM	1		4.5	32	7
	CHAIRPERSON ROOM ASST.CHAIRPERSON ROOM	1		4.5 4.5	30 30	7
	EMRITUS FACULITY ROOM	1		4.5	32	7
	ACCOUNT DEPARTMENT	1		4.5	32	7
	OFFICE WORKSTATION	1		4.5	30	7
	STORAGE	1		1.8	28	15
	STAGE MANAGER ROOM	1		2	9	4
	TOILETS	2		2.5	100	24
	CLASSICAL DANCE STUDIO	2		9	168	28
	NRITARUTYA LIBRARY	1		10	256	25
	LARGE DANCE STUDIO	2		12	450	38
	COMPUTER LAB	1		4	84	20
	SEMINAR ROOM NATYASHASTRA CLASSROOMS	1		4.5 6.6	60 128	12
	COSTUME DESIGN CLASSROOMS	1		6.6	94	14
	COSTUME/MAKE-UP DEPARTMENT	1		4.5	35	8
	TECHNICAL STAFF CUBICLE	2		4.5	52	23
	REHERSAL DIRECTORS ROOM	1		4.5	32	7
	LIGHTING/PRODUCTION DEPARTMENT	1		4.5	26	6
	TECHNICAL MANAGEMENT DEPARTMENT	1		4.5	27	6
	COSTUME MANAGER	1		2	9	4
	STUDENT'S LOUNGE	1		3	31	10
	TOTAL CIRCULATION AND WALL(35%)				1954 683	
	TOTAL				2637	
SCHOOL OF MUSIC	TECHNICAL ARITISTIC DIRECTOR'S ROOM	1		4.5	36	8
	ASST DIRECTOR ROOM	1		4.5	32	7
	CHAIRPERSON ROOM	1		4.5	30	7
	ASST CHAIRPERSON ROOM	1		4.5	30	7
	EMERITUS FACULTY	1		4.5	32	7
	ACCOUNTS DEPARTMENT	1		4.5	32	7
	OFFICE WORKSTATION	1		4.5	30	7
	STORAGE OFFICE	1		2	9	4
	TOILETS	2		2.5	100 31	24
	STUDENT'S LOUNGE MUSIC/AUDIO/VISUAL LIBRARY	1		3	256	25
	CLASSICAL INSTRUMENTAL LAB	1		3	35	12
	TECHNICAL STAFF CUBICAL	2		4.5	60	13
	MUSIC ARCHIVE ROOM	1		2	26	13
	CHORAL OFFICE STAFF	1		4.5	27	6
	OFFICE	1		4.5	9	2
	MUSIC STUDIO	2		7.2	168	12
	TRAINNING STUDIO	2		8	480	30
		1		10	84	8
	RECORDING STUDIO			4	84	21
	RECORDING STUDIO COMPUTER LAB	1				
	RECORDING STUDIO COMPUTER LAB VOICE STUDIO	1		10	128	12
	RECORDING STUDIO COMPUTER LAB VOICE STUDIO MUSIC STUDIO CLASS	1		10 6.6	128 94	14
	RECORDING STUDIO COMPUTER LAB VOICE STUDIO MUSIC STUDIO CLASS STORAGE	1 1 1		10 6.6 2	128 94 28	14 14
	RECORDING STUDIO COMPUTER LAB VOICE STUDIO MUSIC STUDIO CLASS STORAGE SEMINAR ROOM	1 1 1 1		10 6.6 2 4.5	128 94 28 60	14 14 12
	RECORDING STUDIO COMPUTER LAB VOICE STUDIO MUSIC STUDIO CLASS STORAGE SEMINAR ROOM INSTRUMENTAL ROOM	1 1 1		10 6.6 2	128 94 28 60 24	14 14
	RECORDING STUDIO COMPUTER LAB VOICE STUDIO MUSIC STUDIO CLASS STORAGE SEMINAR ROOM	1 1 1 1		10 6.6 2 4.5	128 94 28 60	14 14 12

	SPACE DESIGNATION	QUANTITY	AREA/PERSON (sq.m)	TOTAL AREA (sq.m)	OCCUPAN
			(Sqiiii)	(sqan)	
ARTIST REHERSAL SPACES	STUDIO THEATRE REHERSAL ROOM	1	10	270	27
	REFERSAL ROOM	1	10	256	25
	RECITAL REHERSAL ROOM	1	8	117	14
	SMALL REFERSAL ROOM	1	10	256	25
	KINESIOLOGY CLASSROOM		6.6	18	12
	PROJECTION /LIGHT LAB		5	104	21
	SCRIPT ARCHIVE ROOM	1	4.5	30	1
	CLOAK ROOM	1	25	24	10
	TOILETS	2	25	50	20
	NOVEMENT STUDIO	1	12	84	12
	REHERSAL STORAGE ROOM	2	25	26	10
	PHOTOGRAPHY LAB	1	3	27	y
	DRESSING ROOM	2	3	36	12
	LOCKERS ROOM	2	3	84	28
	ARCHIVE STUDIO	1	5	84	17
	TOTAL			1526	
	CIRCULATION AND WALL(35%)			534	
	TOTAL			2060	
ART GALLERY CENTRE	THENATIC SPACE	1	13.5	169	12
1	WORKSHOP	1	4.6	209	43
	ART GALLERY	5	4.5	1000	44
	TICKETÆNQUIRY	1	13	25	2
	DIRECTOR ROOM	1	4.5	15	3
	CLERICAL ADMIN	- i	4.5	40	8
	SAFE VALL	1	4.5	50	11
	CURATOR ROOM	2	4.5	13	3
	TOLET	4	25	15	6
	WORKING MODEL GALLERY	1	25	200	44
	TOTAL	-		1727	1
	CIRCULATION AND WALL(35%) TOTAL			604 2331	
GUEST COTTAGE	MANAGER'S OFFICE		4.5	30	7
oulsi commu	RECEPTION OFFICE/STORE		4.5	37	8
	CONFERENCE ROOM		4.5	12	16
	SINGLE BEDROOM+TOILET	6	4.5	144	32
	SERVICE ROOM	1	4.5	11	2
	STATIONARY	i	4.5	20	4
	COMMON TOLETS	-2	25	24	9
	STORE ROOM	1	25	15	6
	PANIRY +KICHEN		3	40	13
	DINING AREA +KITCHEN +STORE	1	3	105	35
	JANTOR ROOM	<b>i</b>	4.5	33	7
		2	25	90	36
	TRIPPLE SEATED BEDROOM+TOLLET	+7	4.5	304	05
		E	<b>4</b> .0	-112-1	05
	TOTAL CIRCULATION AND WALL(35%) TOTAL			1005 351 1400	
	ENTRANCE FOYER+LOBBY	1	4.5	126	15
CULTURAL CENTRE PERFORMING	SEATING (FOYER LEVEL)	i	0.9	720	800
SPACES (AUDITORIUM)	SEATING (BALCONY LEVEL)	1	0.9	202	225
1	BACK STAGE (REHERSAL SPACE)	1	3.6	105	30
	MANAGER ROOM	1	4.5	15	3
	WORKSHOP AREA	1	25	18	7
	CONTROL ROOM	1	10	16	2
		2	4.5	30	7
		2	225	12	32
	GREEN ROOM TOILETS	L Z		32	7
		2	10		1-
	TOILETS		10 3	18	6
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE				6 4
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM		3 4.5	18	4
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM		3 4.5 4.5	18 18 12	1-
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM		3 4.5 4.5 4.5	18 18 12 12	4 3 3
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM STAGE	2 1 1 1 1 1 1	3 4.5 4.5 4.5 3.6	18 18 12 12 12 105	4 3 3 30
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET	2 1 1 1 1 1	3 4.5 4.5 4.5 3.6 1.5	18 18 12 12 105 2	4 3 3
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM	2 1 1 1 1 1 1	3 4.5 4.5 4.5 3.6	18 18 12 12 12 105 2 40	4 3 3 30
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL	2 1 1 1 1 1 1	3 4.5 4.5 4.5 3.6 1.5	18       18       12       12       105       2       40       1563	4 3 3 30
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL CIRCULATION AND WALL(35%)	2 1 1 1 1 1 1	3 4.5 4.5 4.5 3.6 1.5	18           18           12           105           2           40           1563           547	4 3 3 30
	TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL	2 1 1 1 1 1 1	3 4.5 4.5 4.5 3.6 1.5	18       18       12       12       105       2       40       1563	4 3 3 30

BUILT-UP AREA ACHIEVED BUILT-UP AREA GROUND COVERAGE ACHIEVED GROUND COVERAGE F.A.R

60702.84sq.m -

- 22,185.52sq.m 30%(12140.57sq.m) 25%(10207sq.m) 1.5

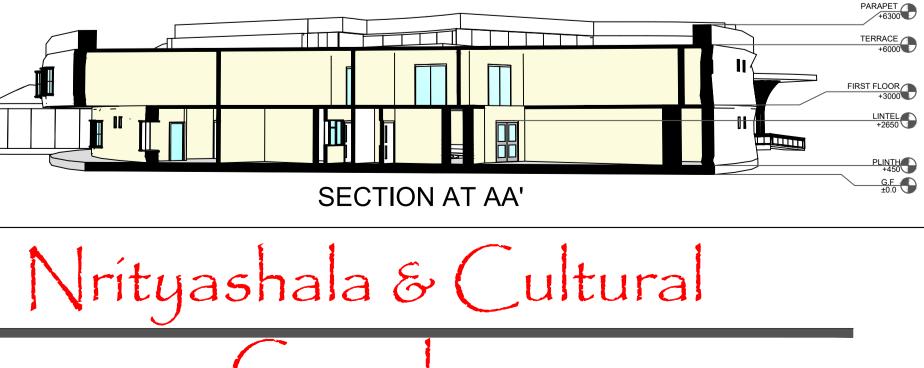


## TOTAL SITE AREA - 40468.6 SQ. MTR (10 ACRES) PERMISSIBLE GROUND COVERAGE - 30% (12140.64 SQ. MTR.) ACHIEVED GROUND COVERAGE - 11289 SQ. MTR. (27%) TOTAL BUILT UP AREA - 26460 SQ. MTR. PERMISSIBLE FAR - 1:5 ACHIEVED FAR - 0.65

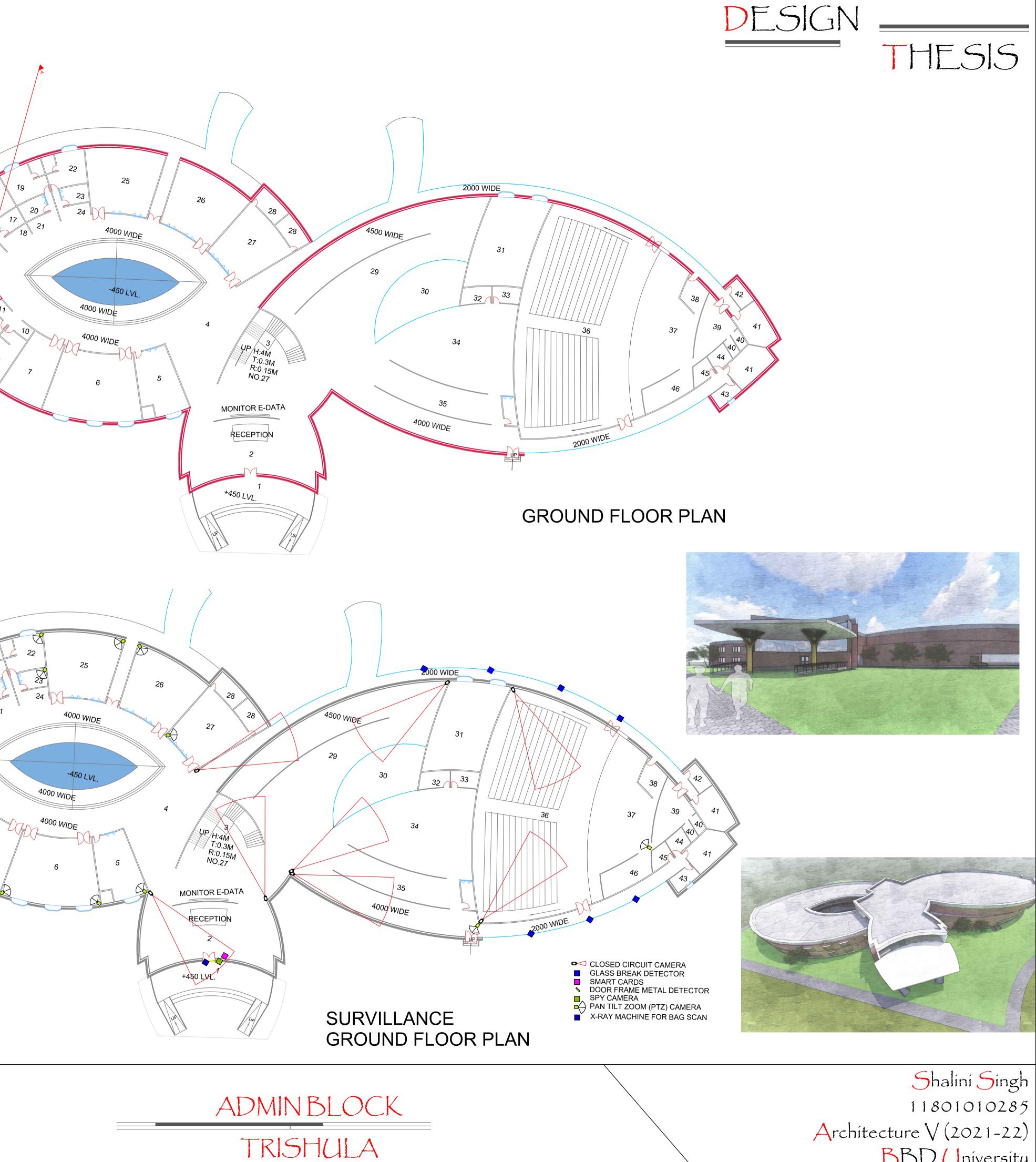




NO.	AREA NAME	<b>DIMENSION IN MM</b>	
1	ENTRANCE	18500 X 4025	
2	LOBBY	2100 X 1200	
3	TICKET COUNTER	2000 X 2000	
4	LOBBY	10050 X 13670	
5	MANAGER	7500 X 10000	
6	WAITING	15400 X 10000	/
7	CLOAK	7500 X 10000	
8	SHE TOILET	5000 X 8500	
9	HE TOILET	5000 X 8500	13
10	WATER	2500 X 2000	
11	JANITOR	2500 X 2000	
12	LOBBY	16000 X 10000	
13	DIRECTOR	5300 X 6780	12
14	PERSSONAL ASSISTANT	3000 X 4600	
15	WAITING	4000 X 2000	
16	DEAN	5300 X 6780	
17	PERSONAL ASSISTANT	3000 X 4600	
18	WAITING	4000 X 2000	
19	ASSISTANT CHAIRPERSON	5300 X 6780	
20	PERSONAL ASSISTANT	3000 X 4600	<u>_</u>
21	WAITING	4000 X 2000	
22	CHAIRPERSON	5300 X 6780	
23	PERSONAL ASSISTANT	3000 X 4600	
24	WAITING	4000 X 2000	
25	BOARD	13500 X 10000	
26	CONFERENCE	13500 X 10000	
27	STAFF	10000 X 10000	
28	HE SHE TOILET	5500 X 3000	
29	WORKSHOP	2400 X 1300	
30	SOUVENIR	14000 X 7000	
31	REHEARSAL	9600 X 14000	
32	MANAGER	4500 X 2500	50
33	CONTROL	4500 X 2500	
34	LOBBY	17000 X 12000	16
35	GALLERY	20800 X 4500	13
36	SEATING	24000 X 19000	
37	STAGE	17000 X 9000	14 15
38	SOUND CONTROL	4000 X 4000	12
39	GREEN	11000 X 6600	
40	HE SHE TOILET(GREEN)	3000 X 1600	
41	HE SHE PUBLIC TOILET	6800 X 4500	9
42	STORE	4200 X 2500	8
43	VIP	4200 X 2500	
44	LIGHT	3000 X 3000	
45	ELECTRIC	4500 X 3000	
		9000 X 4000	

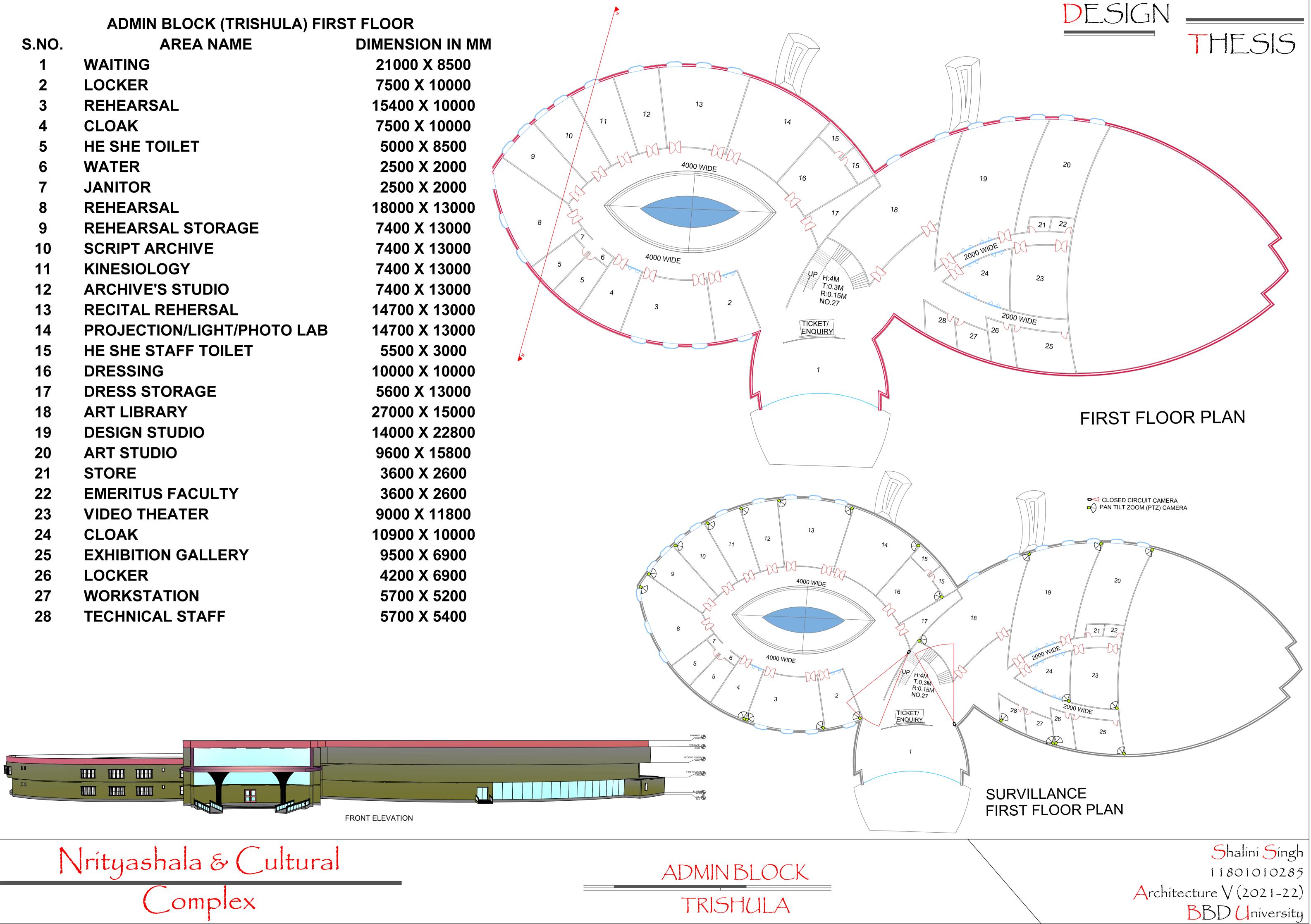


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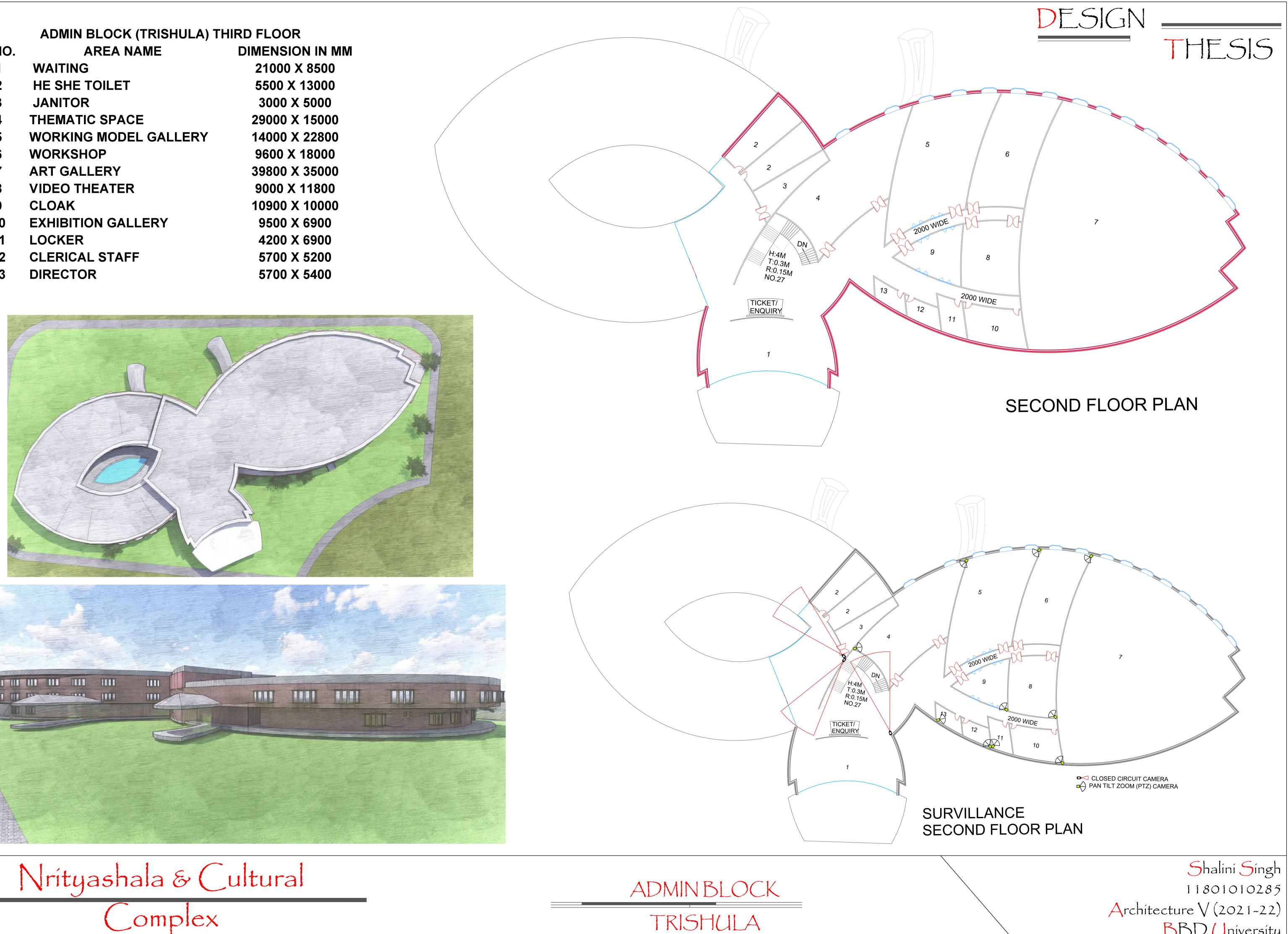


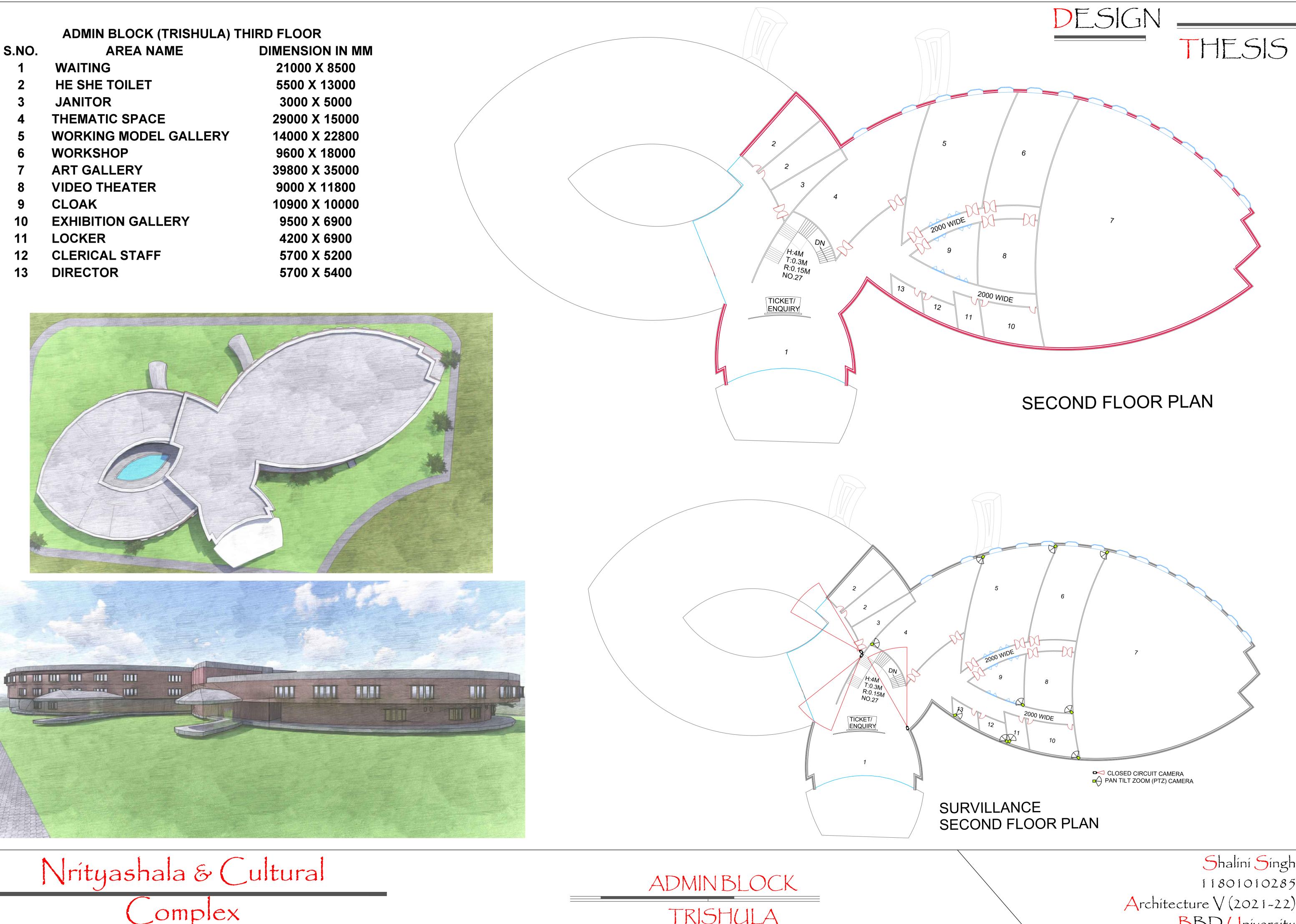
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	ADMIN BLOCK (TRISHULA) FIRS	ST FLOOR
S.NO.	AREA NAME	<b>DIMENSION IN MM</b>
1	WAITING	21000 X 8500
2	LOCKER	7500 X 10000
3	REHEARSAL	15400 X 10000
4	CLOAK	7500 X 10000
5	HE SHE TOILET	5000 X 8500
6	WATER	2500 X 2000 🥖
7	JANITOR	2500 X 2000
8	REHEARSAL	18000 X 13000
9	REHEARSAL STORAGE	7400 X 13000
10	SCRIPT ARCHIVE	7400 X 13000
11	KINESIOLOGY	7400 X 13000
12	ARCHIVE'S STUDIO	7400 X 13000
13	RECITAL REHERSAL	14700 X 13000
14	<b>PROJECTION/LIGHT/PHOTO LAB</b>	14700 X 13000
15	HE SHE STAFF TOILET	5500 X 3000
16	DRESSING	10000 X 10000
17	DRESS STORAGE	5600 X 13000
18	ART LIBRARY	27000 X 15000
19	DESIGN STUDIO	14000 X 22800
20	ART STUDIO	9600 X 15800
21	STORE	3600 X 2600
22	EMERITUS FACULTY	3600 X 2600
23	VIDEO THEATER	9000 X 11800
24	CLOAK	10900 X 10000
25	EXHIBITION GALLERY	9500 X 6900
26	LOCKER	4200 X 6900
27	WORKSTATION	5700 X 5200
28	TECHNICAL STAFF	5700 X 5400

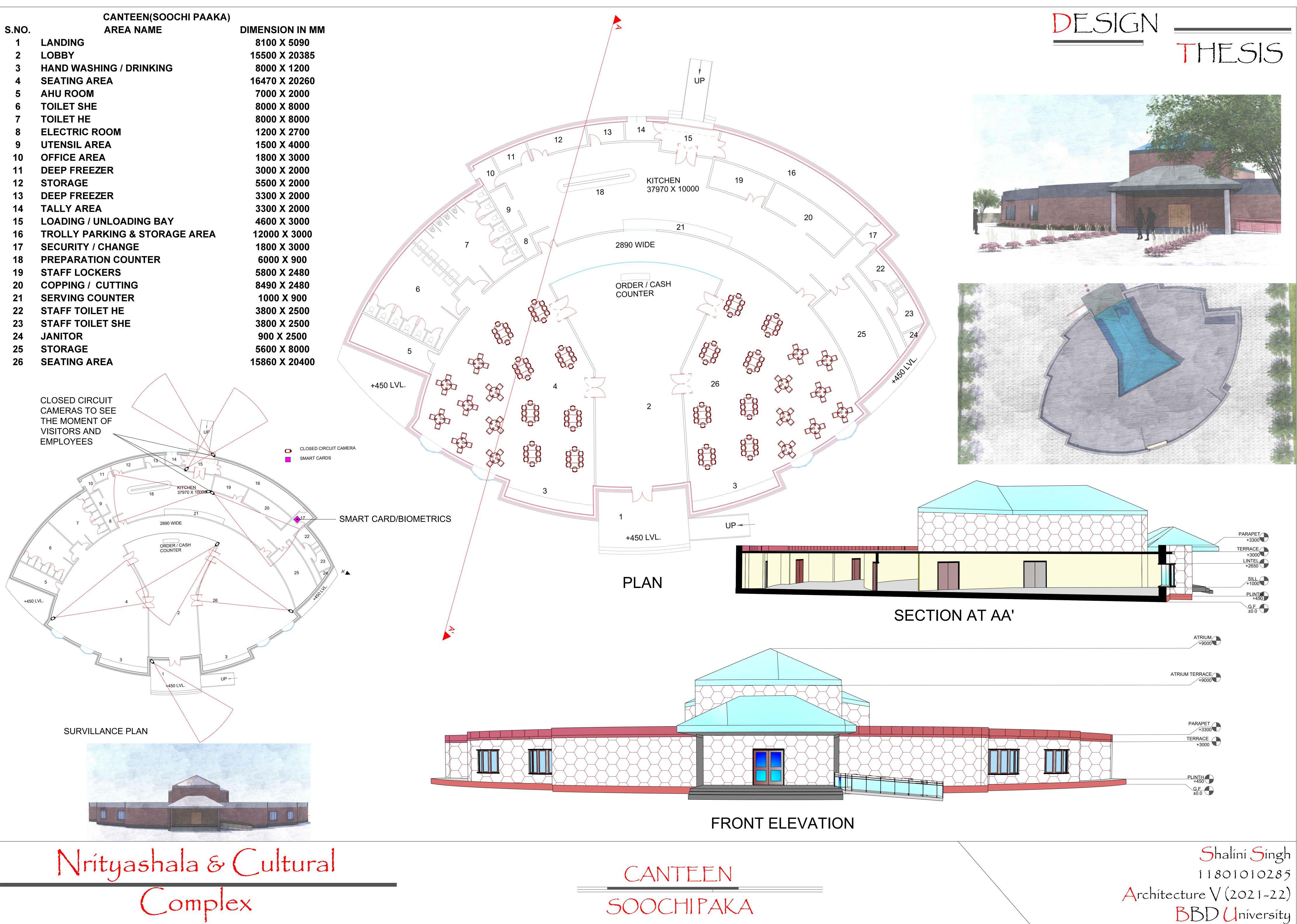


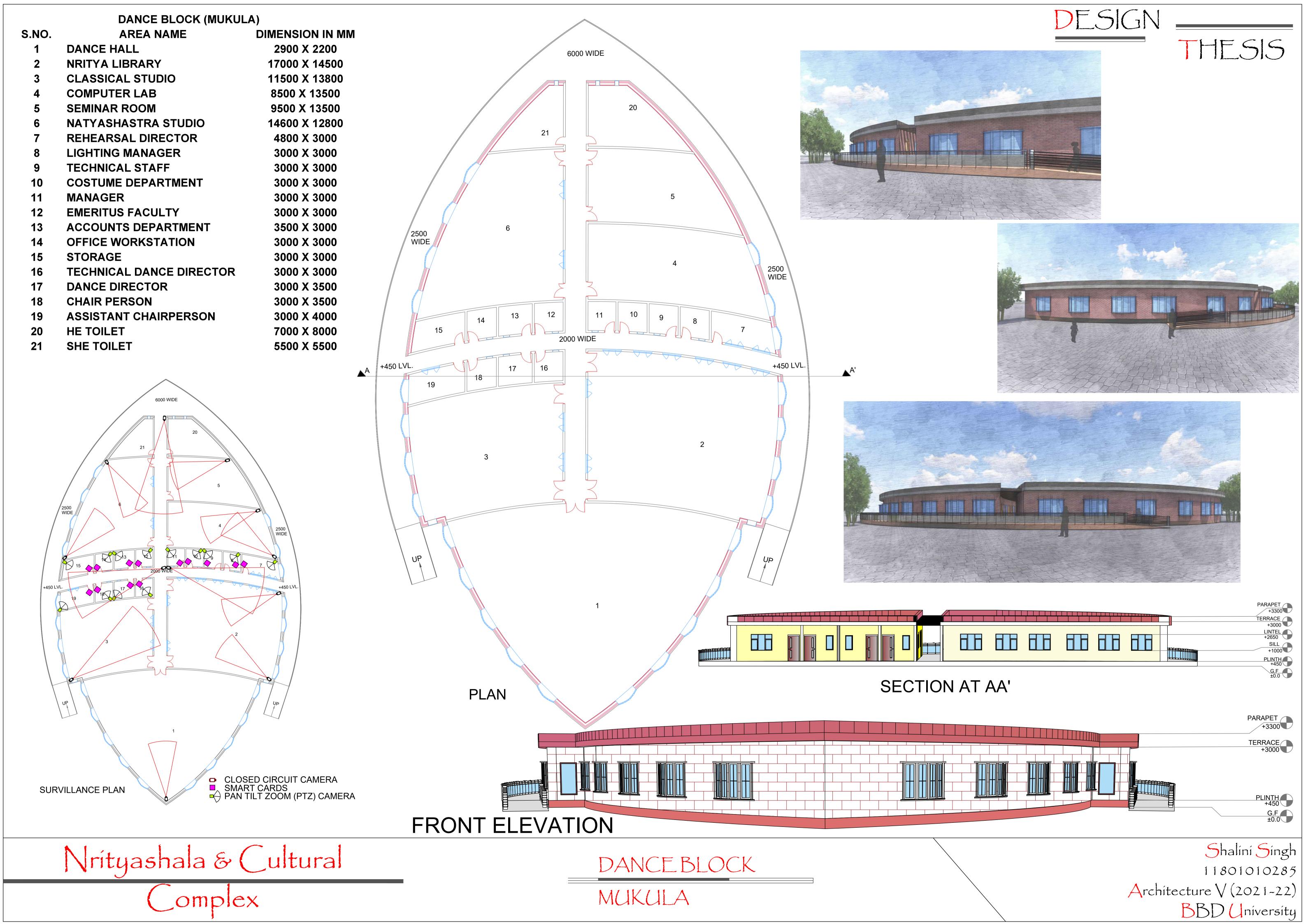
	ADMIN DECCR (INISITOLA) I	
S.NO.	AREA NAME	DIMENSION IN MM
1	WAITING	21000 X 8500
2	HE SHE TOILET	5500 X 13000
3	JANITOR	3000 X 5000
4	THEMATIC SPACE	29000 X 15000
5	WORKING MODEL GALLERY	14000 X 22800
6	WORKSHOP	9600 X 18000
7	ART GALLERY	39800 X 35000
8	VIDEO THEATER	9000 X 11800
9	CLOAK	10900 X 10000
10	EXHIBITION GALLERY	9500 X 6900
11	LOCKER	4200 X 6900
12	CLERICAL STAFF	5700 X 5200
13	DIRECTOR	5700 X 5400

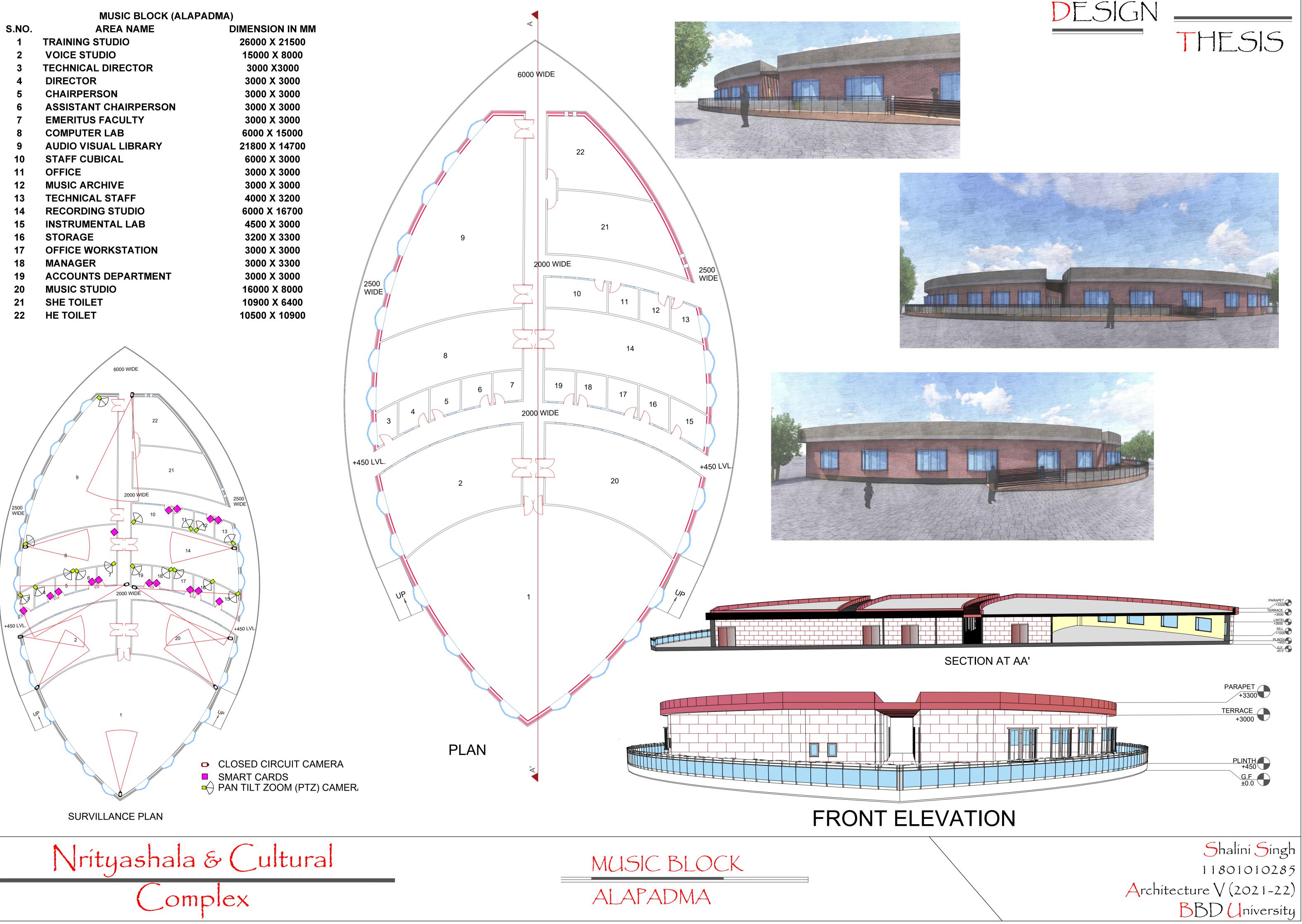




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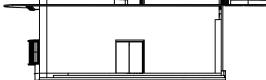


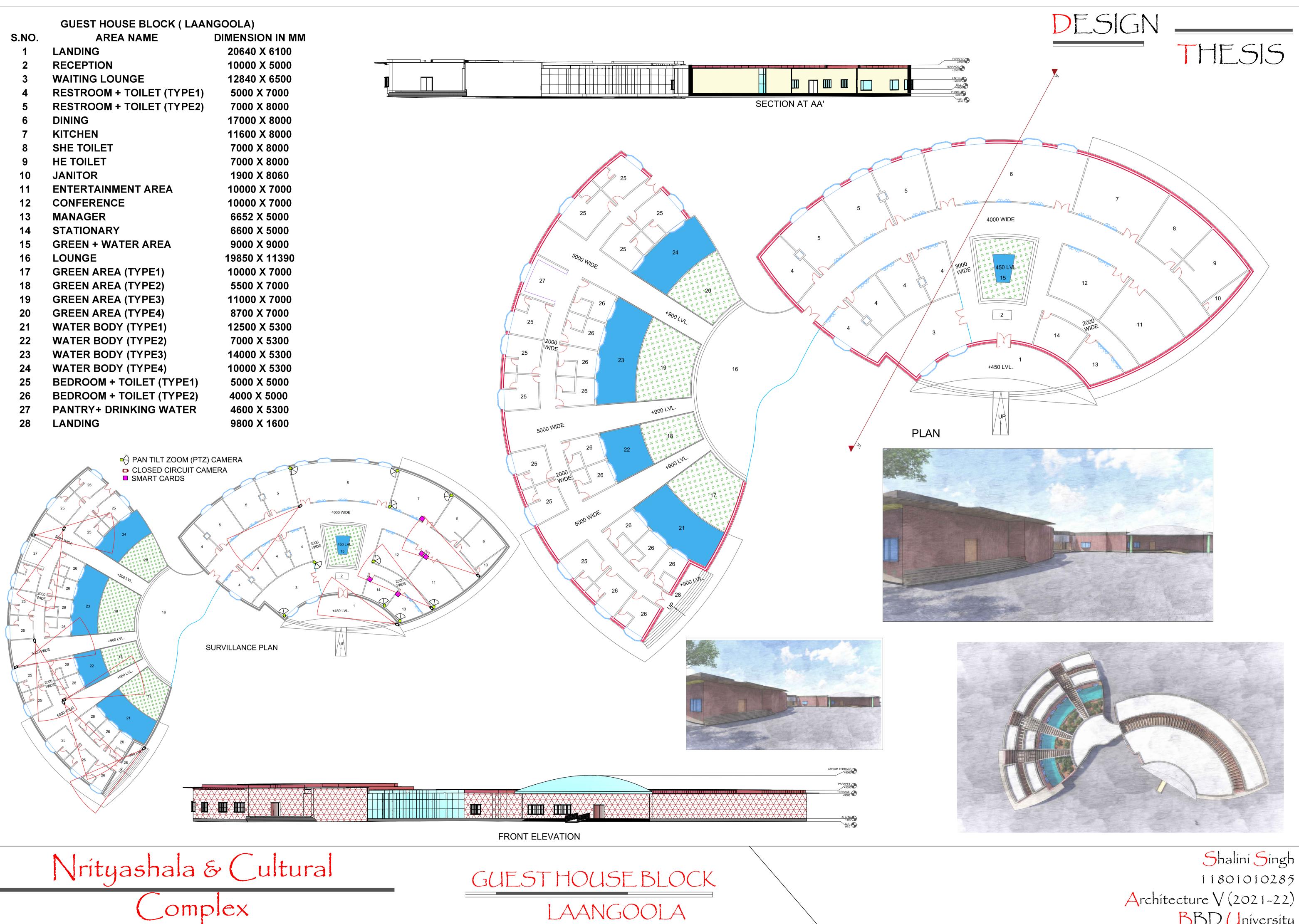






	GUEST HOUSE BLOCK ( LAAN	NGOOLA)
S.NO.	AREA NAME	<b>DIMENSION IN MM</b>
1	LANDING	20640 X 6100
2	RECEPTION	10000 X 5000
3	WAITING LOUNGE	12840 X 6500
4	<b>RESTROOM + TOILET (TYPE1)</b>	5000 X 7000
5	<b>RESTROOM + TOILET (TYPE2)</b>	7000 X 8000
6	DINING	17000 X 8000
7	KITCHEN	11600 X 8000
8	SHE TOILET	7000 X 8000
9	HE TOILET	7000 X 8000
10	JANITOR	1900 X 8060
11	ENTERTAINMENT AREA	10000 X 7000
12	CONFERENCE	10000 X 7000
13	MANAGER	6652 X 5000
14	STATIONARY	6600 X 5000
15	GREEN + WATER AREA	9000 X 9000
16	LOUNGE	19850 X 11390
17	GREEN AREA (TYPE1)	10000 X 7000
18	GREEN AREA (TYPE2)	5500 X 7000
19	GREEN AREA (TYPE3)	11000 X 7000
20	GREEN AREA (TYPE4)	8700 X 7000
21	WATER BODY (TYPE1)	12500 X 5300
22	WATER BODY (TYPE2)	7000 X 5300
23	WATER BODY (TYPE3)	14000 X 5300
24	WATER BODY (TYPE4)	10000 X 5300
25	BEDROOM + TOILET (TYPE1)	5000 X 5000
26	BEDROOM + TOILET (TYPE2)	4000 X 5000
27	PANTRY+ DRINKING WATER	4600 X 5300
28	LANDING	9800 X 1600





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# 30 M WIDE ROAD

LANDSCAPING



DELONIX REGIA - DR

BOUGAINVILLEA GLABRA - BG

THESIS

ROSA - RS

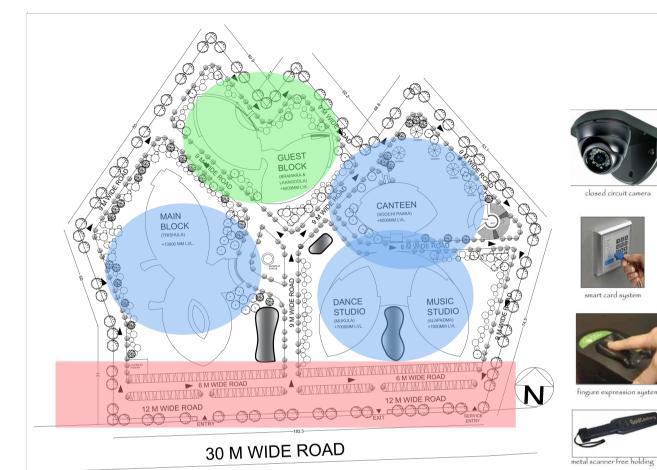
AZADIRACHTA INDICA - AI

MAGNIFERA INDICA - MI

HIBISCUS ROSA SINENSIS - HS

Shalini Singh 11801010285 Architecture V (2021-22) BBD University

SERVICE ENTRY



#### RED = HIGH SECURITY BLUE = MODERATE SECURITY GREEN = SAFE ZONE

THE PRIMARY OBJECTIVE OF "SECURITY" IS TO SHEILD AN ORGANIZATION FROM UNWANTED EXTERNAL OR INTERNAL INTERFERENCE. BEFORE WE SET OUT TO INSTALL VARIOUS HI-TECH OFFICE SURVILLIANCE WE NEED TO UNDERSTAND WHAT WE NEED TO SECURE. INSTALLING SEVERAL GADGETTS DOES NOT NECCESSARIALY ENSURES THE SECURTITY OF THE OFFICE.

AN INTEGRATED SYSTEM OF SECURITY WHEREBY ALL THE DEVICES ARE CONTROLLED CENTRALLY, IS THE MOST EFFECTIVE AND INTELLIGENT WAY TO A SAFE OFFICE. THIS ALSO ESSENTIALLY MEANS THAT EVERY OFFICE MAY UNDERSTAND ITS UNIQUE SECURITY NEEDS AND PLAN ACCORDINGLY.

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SECURITY &



#### INTHE OFFICE BUILDING

CLOSED CIRCUIT CAMERA- closed circuit camaras popularly know as cctv's come in a wide range: these are essentially cameras placed at strategic areas to monitor the office building from a centerally controlled security room. these cameras have two wining, one with the power supply and other with the live connectivity with the security room. these comes in wireless mode also.

PASSIVE INFRARED DETECTORS- this is the technology which uses unique human physical characteristics like fingerprint, egu retina and insea for authentication and access control and is majorly used in banks and server rooms, these are knows as biometric security system which can even detect the face of the employee and leage the records of his incoming and outgoing in the organization.

GLASS BREAK DETECTORS glass break detectors are sensors which are fitted to the indirect entry points like glass, windows, it works by being able to detect vibrations, any attempt at unauthorised entry inediately sets of the alran signal. brands like visionic and satel are popular.

SMART CARDS - smart card technology though is a decade old security technique but still it is hugely popular smart cards ensure complete data security and enables controlled data access in the organization.

#### SPECIFICATION

GARRETT MAGNASCANNER-It is used to scan the visitors before entering the building has a sensitivity of 200 level. HAND HELD METAL DETECTOR- (Lise mannually to check the visitors. Comes in 300ms 110mm/34mm, weighing 300gms.

 $\label{eq:resonance} \begin{array}{l} \mbox{IR BULLET CAMERAS-Rich with the heritage of the world's finest night vision,} \\ \mbox{the WZ series includes a family of infrared day/night bullet cameras-WZ20,WZ16 an } \\ \mbox{WZ1+ are some integrated day/night IR dome cameras.} \end{array}$ 

#### TYPES OF SECURTLY IN THE OFFICE COMPLEX

AUTOMATIC RISING ROAD BLOCKER- a rising road blocker provide a formidable obstacle to on coming traffic widely used at unmannered site and premises.

BARRIER SYSTEM-there are two types of barrier system used in the site entrance, first is the electronic barrier, which scans the car for any explosives, and second is the ground embeded, this type is fully automatic system which scans the vehicles from beneath.

OCCUPIED CAR SCANNERS-This type od scanners scans the whole car from roof height. It detects the presence of any unwanted materials.



THESIS

DESIGN \_\_\_\_\_







tomatic rising raod blocke

## NRITYASHALA & CULTURAL COMPLEX

	FRAMED AREA ANA	LYSIS			
S.NO COMPONENT	SPACE DESIGNATION	QUANTITY	AREA/PERSON (sq.m)	TOTAL AREA (sq.m)	OCCUPANCY
					-
	DIRECTORS ROOM DEAN OFFICE	1	4.5 4.5	32 32	7
	CHAIRPERSON ROOM	1	4.5	30	7
	ASST.CHAIRPERSON ROOM	1	4.5	30	7
	BOARD ROOM	1	3	35	12
	ACCOUNTS DEPARTMENT	1	4.5	32	7
	CONFRENCE ROOM	1	4.5	52	12
	STAFF TOILETS	2	2.5	46	18
	TOTAL			289	
	CIRCULATION AND WALL(35%) TOTAL			101 389	
VISITOR'S ADMIN & RECEPTION				000	
VISITOR'S ADMIN & RECEPTION	RECEPTION DESK	1	2.5	15	3
	WAITING AREA	1	3	40	10
	MANAGER OFFICE	1	4.5	36	8
	CLOAK ROOM	1	4.5	28	6
	BOX OFFICE SERVICES	2	13	30 40	3
	TOILETS	2	2.5	50	20
	TOTAL	2	2.0		20
				240 84	
	CIRCULATION AND WALL(35%) TOTAL			84 324	
SCHOOL OF ART	EMERITUS FACULITY	1	4.5	32	7
	OFFICE WORKSTATION	1	4.5	30	6
	TECHNICAL STAFF CUBICLE	4	2.5	240	24
	STAFF CUBICLE	2	4.5	54	6
	EXHIBITION GALLERY	2	2.5	84	16
	CANTEEN ART STUDIO	1	1.8	31	17
		2	9	168	9
	DESIGN STUDIO VIDEO THREATRE	1	4.5	242 120	26 26
	TOILETS	2	2.5	120	20
	CLOAK ROOM	2	2.5	56	11
	LOCKER ROOM	2	2	9	5
	EXHIBITION WORK MODEL	1	2.5	84	33
	ART LIBRARY	1	10	256	25
	TOTAL			1500	
	CIRCULATION AND WALL(35%)			527	
	TOTAL			2027	
SCHOOL OF DANCE	TECHNICAL DANCE DIRECTOR'S ROOM	1	4.5	36	8
	DANCE DIRECTOR'S ROOM	1	4.5	32	7
	CHAIRPERSON ROOM	1	4.5	30	7
	ASST.CHAIRPERSON ROOM	1	4.5	30	7
	EMRITUS FACULITY ROOM	1	4.5	32	7
	ACCOUNT DEPARTMENT	1	4.5	32	7
	OFFICE WORKSTATION	1	4.5	30	7
	STORAGE	1	1.8	28	15
	STAGE MANAGER ROOM	1	2	9 100	4 24
	TOILETS CLASSICAL DANCE STUDIO	2	2.5	100	
	NRITARUTYA LIBRARY	2	10	168 256	28 25
	LARGE DANCE STUDIO	2	12	450	38
	COMPUTER LAB	1	4	84	20
	SEMINAR ROOM	1	4.5	60	12
	NATYASHASTRA CLASSROOMS	1	6.6	128	18
	COSTUME DESIGN CLASSROOMS	1	6.6	94	14
	COSTUME/MAKE-UP DEPARTMENT	1	4.5	35	8
	TECHNICAL STAFF CUBICLE	2	4.5	52	23
	REHERSAL DIRECTORS ROOM	1	4.5	32	7
	LIGHTING/PRODUCTION DEPARTMENT	1	4.5	26	6
	TECHNICAL MANAGEMENT DEPARTMENT	1	4.5	27	6
	COSTUME MANAGER	1	2	9	4
	STUDENT'S LOUNGE	1	3		10
				1954 683	
	CIRCULATION AND WALL(35%)				
	TOTAL			2637	
SCHOOL OF MUSIC	TECHNICAL ARITISTIC DIRECTOR'S ROOM	1	4.5	36	8
	ASST DIRECTOR ROOM	1	4.5	32	7
	CHAIRPERSON ROOM	1	4.5	30	7
	ASST CHAIRPERSON ROOM	1	4.5	30	7
	EMERITUS FACULTY ACCOUNTS DEPARTMENT	1	4.5	32	7
	OFFICE WORKSTATION	1	4.5	32 30	7
	STORAGE OFFICE	1	4.5 2	30	4
	TOILETS	2	2.5	100	24
	STUDENT'S LOUNGE	1	3	31	10
	MUSIC/AUDIO/VISUAL LIBRARY	1	10	256	25
		1.1			12
	CLASSICAL INSTRUMENTAL LAB	1	3	35	
	CLASSICAL INSTRUMENTAL LAB TECHNICAL STAFF CUBICAL	1	3 4.5	60	13

		CHORAL OFFICE STAFF	1	4.5	27	6
		OFFICE	1	4.5	9	2 12
		MUSIC STUDIO	2	7.2	168	12
		TRAINNING STUDIO	2	8	480	30
		RECORDING STUDIO	1	10	84	8
		COMPUTER LAB	1	10	84 128	21 12
		VOICE STUDIO MUSIC STUDIO CLASS	1	6.6	94	14
		STORAGE	1	2	28	14
		SEMINAR ROOM	1	4.5	60	12
		INSTRUMENTAL ROOM	1	2.5	24	10
		TOTAL		2.0	1954	10
		CIRCULATION AND WALL(35%)			683	
		TOTAL			2637	
S.NO	COMPONENT	SPACE DESIGNATION	QUANTIT			REA OCCUPANC
				(sq.m)	(sq.m)	
6	ARTIST REHERSAL SPACES	STUDIO THEATRE REHERSAL ROOM	1	10	270	27
5	ARTIST REHERSAL SPACES	REHERSAL ROOM	1	10	256	27
		RECITAL REHERSAL ROOM	1	8	117	25 14
		SMALL REHERSAL ROOM	1	10	256	25
		KINESIOLOGY CLASSROOM	1	6.6	78	12
		PROJECTION /LIGHT LAB	1	5	104	21
		SCRIPT ARCHIVE ROOM	1	4.5	30	7
		CLOAK ROOM	1	2.5	24	10
		TOILETS	2	2.5	50	20
		MOVEMENT STUDIO	1	7.2	84	12
		REHERSAL STORAGE ROOM	2	2.5	26	10
		PHOTOGRAPHY LAB	1	3	27	9
		DRESSING ROOM	2	3	36	12
		LOCKERS ROOM	2	3	84	28
		ARCHIVE STUDIO	1	5	84	17
		TOTAL			1526	
		CIRCULATION AND WALL(35%)			534	
		TOTAL			2060	
,	ART GALLERY CENTRE	THEMATIC SPACE	1	13.5	169	12
	ANI GALLERI GENIRE	WORKSHOP	1	4.6	200	43
		ART GALLERY	5	4.6	1000	43
		TICKET/ENQUIRY	1	13	25	2
		DIRECTOR ROOM	1	4.5	15	3
		CLERICAL ADMIN	1	4.5	40	8
		SAFE VAULT	1	4.5	50	11
		CURATOR ROOM	2	4.5	13	3
		TOILET	4	2.5	15	6
		WORKING MODEL GALLERY	1	2.5	200	44
		TOTAL		2.0	1727	
		CIRCULATION AND WALL(35%)			604	
		TOTAL			2331	
8	GUEST COTTAGE	MANAGER'S OFFICE	1	4.5	30	7
		RECEPTION OFFICE/STORE	1	4.5	37	8
		CONFERENCE ROOM	1	4.5	72	16
		SINGLE BEDROOM+TOILET	6	4.5 4.5	144	32 2
		SERVICE ROOM STATIONARY	1	4.5	11 20	4
		COMMON TOILETS	1	2.5	20	9
		STORE ROOM	2	2.5	15	
		STORE ROOM	2	3	40	6 13
					105	
		PANTRY +KITCHEN	1			25
		DINING AREA +KITCHEN +STORE	1	3	105	35
		DINING AREA +KITCHEN +STORE	1	4.5	33	7
		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM	1 1 2	4.5 2.5	33 90	7 36
		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET	1 1 2 12	4.5	33 90 384	7
		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL	1 1 2	4.5 2.5	33 90	7 36
		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET	1 1 2	4.5 2.5	33 90 384 <b>1005</b>	7 36
		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEOROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL	1 1 2	4.5 2.5 4.5	33 90 384 1005 351 1400	7 36 85
	CULTURAL CENTRE PERFORMING	DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY	1 1 2	4.5 2.5 4.5	33 90 384 1005 351 1400	7 36 85
	CULTURAL CENTRE PERFORMING SPACES (AUDITORIUM)	DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL)	1 1 2	4.5 2.5 4.5 4.5	33 90 384 <b>1005</b> 351 1400 126 720	7 36 85 15 800
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL)	1 1 2	4.5 2.5 4.5 4.5	33 90 384 <b>1005</b> 351 1400 126 720 202	7 36 85 15 800 225
		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FALCONY LEVEL) BACK STAGE (REHERSAL SPACE)	1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6	33 90 384 <b>1005</b> 351 1400 126 720 202 105	7 36 85 15 800 225 30
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM	1 1 2	4.5 2.5 4.5 0.9 0.9 0.9 3.6 4.5	33 90 384 <b>1005</b> 351 1400 126 720 202 105 15	7 36 85 15 800 225 30
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA	1 1 2	4.5 2.5 4.5 0.9 0.9 3.6 4.5 2.5	33 90 384 <b>1005</b> 351 1400 126 720 202 105 15 18	7 36 85 15 800 225 30 3 3 7
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM	1 2 12 1 1 1 1 1 1 1 1 1 1	4.5 2.5 4.5 0.9 0.9 3.6 4.5 2.5 10	33 90 384 <b>1005</b> 351 1400 720 202 202 105 15 15 18 16	7 36 85 15 800 225 30 3 3 7
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM	1 2 12 12 1 1 1 1 1 1 1 2	4.5 2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5	33 90 384 1005 351 1400 126 720 202 202 105 15 18 18 16 30	7 36 85 15 800 225 30 3 7 2 7
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEOROM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS	1 2 12 1 1 1 1 1 1 1 1 1 1	4.5 2.5 4.5 0.9 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25	33 90 384 1005 351 1400 720 202 105 15 15 16 16 30 72	7 36 85 15 800 225 30 3 7 2 7
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET	1 2 12 12 1 1 1 1 1 1 1 2	4.5 2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3.3	33 90 384 1005 351 1400 720 202 105 15 18 16 30 72 32	7 36 85 15 800 225 30 3 7 2 7 32 7
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE	1 2 12 12 1 1 1 1 1 1 1 2	4.5 2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3.3	33 90 384 1005 351 1400 720 202 202 202 202 105 15 16 16 16 16 30 72 32 32 18	7 36 85 15 800 225 30 3 7 2 7
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM	1 2 12 12 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 3 4.5	33 90 384 1005 351 1400 720 202 105 15 18 16 30 72 32	7 36 85 15 800 225 30 3 7 7 2 7 7 6 4
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM	1 2 12 12 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5	33 90 384 1005 361 1400 126 720 202 105 15 18 16 30 72 32 32 18 18 18 12 12	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEOROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM TOILETS BACK STORE WROM STORE ELECTRIC CONTROL ROOM SOUND CONTROL ROOM SOUND CONTROL ROOM	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 0.9 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6	33 90 384 1005 351 720 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18	7 36 85 15 800 225 30 3 3 7 7 2 7 7 6 4 4 3
9		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM STAGE JAN CLOSET	1 2 12 12 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 126 720 202 105 15 15 18 16 30 72 72 32 32 32 18 18 12 12 12 12 12	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
9		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEOROOH+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILEIS MANAGER ROOM TOILEIS PROM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM SOUND CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET JAN CLOSET ATRIUM	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 0.9 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
9		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEOROM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 126 720 202 105 15 15 18 16 30 72 72 32 32 18 18 18 18 12 12 12 12 12 105 52 15 32 15 16 15 12 10 53	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
)		DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEOROM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM HOILET BACK STAGE STORE VIP ROOM ELECTRC CONTROL ROOM SOUND CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL CIRCULATION AND WALL(35%)	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 34 72 32 32 34 32 32 32 32 32 32 32 32 32 32 33 32 32	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
	SPACES (AUDITORIUM)	DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEOROM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 126 720 202 105 15 15 18 16 30 72 72 32 32 18 18 18 18 12 12 12 12 12 105 52 15 32 15 16 15 12 10 53	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
SI	SPACES (AUDITORIUM) TE AREA = 40,468.56sq.m(10 ACRES)	DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (BALCONY LEVEL) SEATING (CONTROL ROOM STAGE SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 34 72 32 32 34 32 32 32 32 32 32 32 32 32 32 33 32 32	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
SI	SPACES (AUDITORIUM)	DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (BALCONY LEVEL) SEATING (CONTROL ROOM STAGE SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 34 72 32 32 34 32 32 32 32 32 32 32 32 32 32 33 32 32	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
SI	SPACES (AUDITORIUM) TE AREA = 40,468.56sq.m(10 ACRES) OTAL AREA CALCULATIONS (ACHEIVED	DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MAKE UP KOM +TOILET BACK STAGE ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL CIRCULATION AND WALL(35%) TOTAL	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 34 72 32 32 34 32 32 32 32 32 32 32 32 32 32 33 32 32	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
SI TC T	ITE AREA = 40,468.56sq.m(10 ACRES) DTAL AREA CALCULATIONS (ACHEIVED TOTAL BUILT-UP AREA –	DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM CONTROL ROOM STAGE SOUND CONTROL ROOM STAGE SOUND CONTROL ROOM STAGE ATRIUM TOTAL CIRCULATION AND WALL(35%) TOTAL	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 34 72 32 32 34 32 32 32 32 32 32 32 32 32 32 33 32 32	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
SI TC	ITE AREA = 40,468.56sq.m(10 ACRES) DTAL AREA CALCULATIONS (ACHEIVED TOTAL BUILT-UP AREA SOUND COVERAGE (PERMISSIBLE)	DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (SATING SATI	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 34 72 32 32 34 32 32 32 32 32 32 32 32 32 32 33 32 32	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3
SI TC G A	TE AREA = 40,468.56sq.m(10 ACRES) DTAL AREA CALCULATIONS (ACHEIVED TOTAL BUILT-UP AREA SOUND COVERAGE (PERMISSIBLE)	DINING AREA +KITCHEN +STORE JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM CONTROL ROOM STAGE SOUND CONTROL ROOM STAGE SOUND CONTROL ROOM STAGE ATRIUM TOTAL CIRCULATION AND WALL(35%) TOTAL	1 1 2 12 12 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	4.5 2.5 4.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.5 10 3 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 34 72 32 32 32 32 32 32 32 32 32 32 32 32 32	7 36 85 15 800 226 30 3 7 7 2 7 7 6 4 3 3 3

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SHALINI SINGH

1180101025

B.ARCH 5TH YEAR

## NRITYASHALA & CULTURAL COMPLEX

	FRAMED AREA ANA	LYSIS			
S.NO COMPONENT	SPACE DESIGNATION	QUANTITY	AREA/PERSON (sq.m)	TOTAL AREA (sq.m)	OCCUPANCY
					-
	DIRECTORS ROOM DEAN OFFICE	1	4.5 4.5	32 32	7
	CHAIRPERSON ROOM	1	4.5	30	7
	ASST.CHAIRPERSON ROOM	1	4.5	30	7
	BOARD ROOM	1	3	35	12
	ACCOUNTS DEPARTMENT	1	4.5	32	7
	CONFRENCE ROOM	1	4.5	52	12
	STAFF TOILETS	2	2.5	46	18
	TOTAL			289	
	CIRCULATION AND WALL(35%) TOTAL			101 389	
VISITOR'S ADMIN & RECEPTION				000	
VISITOR'S ADMIN & RECEPTION	RECEPTION DESK	1	2.5	15	3
	WAITING AREA	1	3	40	10
	MANAGER OFFICE	1	4.5	36	8
	CLOAK ROOM	1	4.5	28	6
	BOX OFFICE SERVICES	2	13	30 40	3
	TOILETS	2	2.5	50	20
	TOTAL	2	2.0		20
				240 84	
	CIRCULATION AND WALL(35%) TOTAL			84 324	
SCHOOL OF ART	EMERITUS FACULITY	1	4.5	32	7
	OFFICE WORKSTATION	1	4.5	30	6
	TECHNICAL STAFF CUBICLE	4	2.5	240	24
	STAFF CUBICLE	2	4.5	54	6
	EXHIBITION GALLERY	2	2.5	84	16
	CANTEEN ART STUDIO	1	1.8	31	17
		2	9	168	9
	DESIGN STUDIO VIDEO THREATRE	1	4.5	242 120	26 26
	TOILETS	2	2.5	120	20
	CLOAK ROOM	2	2.5	56	11
	LOCKER ROOM	2	2	9	5
	EXHIBITION WORK MODEL	1	2.5	84	33
	ART LIBRARY	1	10	256	25
	TOTAL			1500	
	CIRCULATION AND WALL(35%)			527	
	TOTAL			2027	
SCHOOL OF DANCE	TECHNICAL DANCE DIRECTOR'S ROOM	1	4.5	36	8
	DANCE DIRECTOR'S ROOM	1	4.5	32	7
	CHAIRPERSON ROOM	1	4.5	30	7
	ASST.CHAIRPERSON ROOM	1	4.5	30	7
	EMRITUS FACULITY ROOM	1	4.5	32	7
	ACCOUNT DEPARTMENT	1	4.5	32	7
	OFFICE WORKSTATION	1	4.5	30	7
	STORAGE	1	1.8	28	15
	STAGE MANAGER ROOM	1	2	9 100	4 24
	TOILETS CLASSICAL DANCE STUDIO	2	2.5	100	
	NRITARUTYA LIBRARY	2	10	168 256	28 25
	LARGE DANCE STUDIO	2	12	450	38
	COMPUTER LAB	1	4	84	20
	SEMINAR ROOM	1	4.5	60	12
	NATYASHASTRA CLASSROOMS	1	6.6	128	18
	COSTUME DESIGN CLASSROOMS	1	6.6	94	14
	COSTUME/MAKE-UP DEPARTMENT	1	4.5	35	8
	TECHNICAL STAFF CUBICLE	2	4.5	52	23
	REHERSAL DIRECTORS ROOM	1	4.5	32	7
	LIGHTING/PRODUCTION DEPARTMENT	1	4.5	26	6
	TECHNICAL MANAGEMENT DEPARTMENT	1	4.5	27	6
	COSTUME MANAGER	1	2	9	4
	STUDENT'S LOUNGE	1	3		10
				1954 683	
	CIRCULATION AND WALL(35%)				
	TOTAL			2637	
SCHOOL OF MUSIC	TECHNICAL ARITISTIC DIRECTOR'S ROOM	1	4.5	36	8
	ASST DIRECTOR ROOM	1	4.5	32	7
	CHAIRPERSON ROOM	1	4.5	30	7
	ASST CHAIRPERSON ROOM	1	4.5	30	7
	EMERITUS FACULTY ACCOUNTS DEPARTMENT	1	4.5	32	7
	OFFICE WORKSTATION	1	4.5	32 30	7
	STORAGE OFFICE	1	4.5 2	30	4
	TOILETS	2	2.5	100	24
	STUDENT'S LOUNGE	1	3	31	10
	MUSIC/AUDIO/VISUAL LIBRARY	1	10	256	25
		1.1			12
	CLASSICAL INSTRUMENTAL LAB	1	3	35	
	CLASSICAL INSTRUMENTAL LAB TECHNICAL STAFF CUBICAL	1	3 4.5	35 60	13

		CHORAL OFFICE STAFF	1	4.5	27	6
		OFFICE	1	4.5	9	2 12
		MUSIC STUDIO	2	7.2	168	12
		TRAINNING STUDIO	2	8	480	30
		RECORDING STUDIO	1	10	84	8
		COMPUTER LAB VOICE STUDIO	1	4	84 128	21 12
		MUSIC STUDIO CLASS	1	6.6	94	14
		STORAGE	1	2	28	14
		SEMINAR ROOM	1	4.5	60	12
		INSTRUMENTAL ROOM	1	2.5	24	10
		TOTAL			1954	
		CIRCULATION AND WALL(35%)			683	
S N	OCOMPONENT	TOTAL SPACE DESIGNATION	QUANTIT	Y AREA/PER	2637 SON TOTAL AF	
5.144		SPACE DESIGNATION	QUANTI	(sq.m)	(sq.m)	CEA OCCOPANC
5	ARTIST REHERSAL SPACES	STUDIO THEATRE REHERSAL ROOM	1	10	270	27
		REHERSAL ROOM	1	10	256	25 14
		RECITAL REHERSAL ROOM	1	8	117	14
		SMALL REHERSAL ROOM KINESIOLOGY CLASSROOM		10 6.6	256 78	25 12
		PROJECTION /LIGHT LAB	1	5	104	21
		SCRIPT ARCHIVE ROOM	1	4.5	30	21
		CLOAK ROOM	1	2.5	24	10
		TOILETS	2	2.5	50	20
		MOVEMENT STUDIO	1	7.2	84	12
		REHERSAL STORAGE ROOM	2	2.5	26	10
		PHOTOGRAPHY LAB	1	3	27	9
		DRESSING ROOM	2	3	36	12
		LOCKERS ROOM	2	3	84	28
		ARCHIVE STUDIO	1	15	84	17
					1526	
		CIRCULATION AND WALL(35%) TOTAL			534 2060	
					2000	
_	ART GALLERY CENTRE	THEMATIC SPACE	1	13.5	169	12
		WORKSHOP	1	4.6	200	43
		ART GALLERY	5	4.5	1000	44
		TICKET/ENQUIRY	1	13	25	2
		DIRECTOR ROOM	1	4.5	15	3
		CLERICAL ADMIN	1	4.5	40 50	8
		SAFE VAULT CURATOR ROOM	2	4.5 4.5	13	3
		TOILET	4	2.5	15	6
		WORKING MODEL GALLERY	1	2.5	200	44
		TOTAL		2.0	1727	
		CIRCULATION AND WALL(35%)			604	
		TOTAL			2331	
_				1.5		-
3	GUEST COTTAGE	MANAGER'S OFFICE RECEPTION OFFICE/STORE	1	4.5 4.5	30 37	8
		CONFERENCE ROOM	1	4.5	72	16
		SINGLE BEDROOM+TOILET	6	4.5	144	32
		SERVICE ROOM	1	4.5	11	2
		STATIONARY	1	4.5	20	4
		COMMON TOILETS	2	2.5	24	9
		STORE ROOM	1	2.5	15	6
		PANTRY +KITCHEN	2	3	40	13
				3	105	35
		DINING AREA +KITCHEN +STORE	1			
		JANITOR ROOM	1	4.5	33	7
		JANITOR ROOM ENTERTAINMENT ROOM	1 1 2	2.5	33 90	7 36
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET	1 1 2 12	4.5 2.5 4.5	33 90 384	7
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL	1 1 2 12	2.5	33 90 384 1005	7 36
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET	1 1 2 12	2.5	33 90 384	7 36
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL	1 1 2 12	2.5 4.5	33 90 384 1005 351 1400	7 36 85
	CULTURAL CENTRE PERFORMING	JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY	1 2 12 12	2.5 4.5	33 90 384 1005 351 1400	7 36 85
	CULTURAL CENTRE PERFORMING SPACES (AUDITORIUM)	JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL)	1 2 12 12	2.5 4.5 4.5 0.9	33 90 384 1005 351 1400 126 720	7 36 85 15 800
	CULTURAL CENTRE PERFORMING SPACES (AUDITORIUM)	JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (BALCONY LEVEL)	1 2 12 12	2.5 4.5 0.9 0.9	33 90 384 <b>1005</b> 351 1400 126 720 202	7 36 85 15 800 225
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (BALCONY LEVEL) BACK STAGE (REHERSAL SPACE)	1 2 12 12 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6	33 90 384 <b>1005</b> 351 1400 126 720 202 105	7 36 85 15 800 225 30
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM	1 2 12 12 1 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5	33 90 384 <b>1005</b> 351 1400 126 720 202 105 15	7 36 85 15 800 225 30
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FALCONY LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA	1 1 2 12 1 1 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5	33 90 384 <b>1005</b> 351 1400 126 720 202 105 15 18	7 36 85 15 800 225 30 3 3 7
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM	1 2 12 1 1 1 1 1 1 1 1 1 2	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10	33 90 384 1005 351 1400 720 202 202 105 15 15 18 16	7 36 85 15 800 225 30 3 7 2 7
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER+LOBBY SEATING (FOYER+LOBBY SEATING (BALCONY) LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS	1 1 1 1 1 1 1 2	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25	33 90 384 1005 351 1400 720 202 105 15 15 18 16 30 72	7 36 85 15 800 225 30 3 7 2 7
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (BALCONY LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET	1 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10	33 90 384 1005 351 1400 720 202 105 15 18 16 30 72 32	7 36 85 15 800 225 30 3 7 2 7 32 7
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER+LOBBY SEATING (FOYER+LOBBY SEATING (BALCONY LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE	1 1 1 1 1 1 1 2	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3	33 90 384 1005 351 1400 126 720 202 202 105 15 15 18 16 30 72 32 32 18	7 36 85 15 800 225 30 3 7 2 2 7 7 32 7 6
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM	1 1 1 1 1 1 1 2	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 3 4.5	33 90 384 1005 351 1400 126 720 202 105 15 18 16 30 72 32 32 18 18	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER+LOBBY SEATING (FOYER+LOBBY SEATING (BALCONY) LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM	1 1 1 1 1 1 1 2	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 3 4.5	33 90 384 1005 351 126 720 202 105 15 15 18 16 30 72 32 18 18 18 18 18	7 36 85 15 800 225 30 3 7 2 7 7 52 7 6 4 4 3
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM	1 1 1 1 1 1 1 2	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 3 4.5 4.5 4.5	33 90 384 1005 351 1400 126 720 202 105 15 18 16 30 72 32 32 18 18 18 18 12	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
1		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) WANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM STAGE	1 1 1 1 1 1 1 2	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6	33 90 384 1005 351 126 720 202 105 15 15 18 16 30 72 32 18 18 18 18 18	7 36 85 15 800 225 30 3 7 2 7 7 52 7 6 4 4 3
I		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM GREEN ROOM GREEN ROOM TMLE PROM +TOILET MALE STORE VIP ROOM ELECTRIC CONTROL ROOM SJANC CONTROL ROOM STAGE JAN CLOSET	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 126 720 202 105 15 18 16 30 72 32 32 18 18 18 18 12	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM GREEN ROOM GREEN ROOM GREEN ROOM HACK STAGE STORE V/P ROOM ELECTRIC CONTROL ROOM STAGE SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6	33 90 384 1005 351 1400 126 720 202 105 15 16 18 16 30 72 32 32 18 18 18 18 18 12 12 12 12 12 105 52 15 15	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
1		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER+LOBBY SEATING (FOYER+LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL CIRCULATION AND WALL(35%)	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 347	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
		JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM GREEN ROOM GREEN ROOM GREEN ROOM HACK STAGE STORE V/P ROOM ELECTRIC CONTROL ROOM STAGE SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 126 720 202 105 15 15 18 16 30 72 32 32 18 18 18 18 18 12 12 12 12 12 105 52 15 15	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
	SPACES (AUDITORIUM)	JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER+LOBBY SEATING (FOYER+LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM CONTROL ROOM GREEN ROOM TOILETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL CIRCULATION AND WALL(35%)	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 347	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
	SITE AREA = 40,468.56sq.m(10 ACRES)	JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM GREEN ROOM GREEN ROOM GREEN ROOM GREEN ROOM GREEN ROOM CONTROL ROOM GREEN ROOM STAGE STORE V/P ROOM ELECTRIC CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL CIRCULATION AND WALL(35%) TOTAL	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 347	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
1	SITE AREA = 40,468.56sq.m(10 ACRES)	JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROGM+TOILET TOTAL CIRCULATION AND WALL(35%) ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SSTADE CONTROL ROOM SSTADE CONTROL ROOM SSTADE CONTROL ROOM STADE CONTROL ROOM CONTROL ROOM STADE CONTROL ROOM STADE STADE STAD	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 347	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
T	SITE AREA = 40,468,56sq.m(10 ACRES) TOTAL AREA CALCULATIONS (ACHEIVED TOTAL BUILT-UP AREA –	JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS TOLETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL CIRCULATION AND WALL(35%) TOTAL	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 347	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
T	SITE AREA = 40,468,56sq,m(10 ACRES) TOTAL AREA CALCULATIONS (ACHEIVED TOTAL BUILT-UP AREA GROUND COVERAGE (PERMISSIBLE) GROUND COVERAGE (PERMISSIBLE)	JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROGM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS BACK STAGE STORE WPROM SOUTP CONTROL ROOM SOUTP C	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 347	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3
Т	SITE AREA = 40,468,56sq.m(10 ACRES) TOTAL AREA CALCULATIONS (ACHEIVED TOTAL BUILT-UP AREA –	JANITOR ROOM ENTERTAINMENT ROOM TRIPPLE SEATED BEDROOM+TOILET TOTAL CIRCULATION AND WALL(35%) TOTAL ENTRANCE FOYER+LOBBY SEATING (FOYER LEVEL) BACK STAGE (REHERSAL SPACE) MANAGER ROOM WORKSHOP AREA CONTROL ROOM GREEN ROOM TOILETS TOLETS MAKE UP ROOM +TOILET BACK STAGE STORE VIP ROOM ELECTRIC CONTROL ROOM SOUND CONTROL ROOM SOUND CONTROL ROOM STAGE JAN CLOSET ATRIUM TOTAL CIRCULATION AND WALL(35%) TOTAL	1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	2.5 4.5 0.9 0.9 3.6 4.5 2.5 10 4.5 2.25 10 3 4.5 4.5 4.5 4.5 3.6 1.5	33 90 384 1005 351 1400 202 202 105 15 16 16 30 72 32 18 16 30 72 32 18 18 12 12 105 2 40 155 347	7 36 85 15 800 225 30 3 7 7 2 7 32 7 6 4 3 3

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