

THESIS REPORT ON
**“INTERNATIONAL CRICKET STADIUM
GHAZIABAD**

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

BACHELOR OF ARCHITECTURE
BY

AKASH SINGH

1150101008

THESIS GUIDE

AR. ARVIND SINGH

SESSION

2018-19

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“INTERNATIONAL CRICKET STADIUM, GHAZIABAD“ under the supervision of Ar. ARVIND SINGH, is the bonafide work of the student 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.

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Recommendation Accepted
Not Accepted

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Certificate of thesis submission for evaluation

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7. **Specifications regarding thesis format have been closely followed.** **Yes/No**
8. **The content of the thesis have been organized based on the guidelines.** **Yes/No**
9. **The thesis has been prepared without resorting to plagiarism.** **Yes/No**
10. **All the sources used have been cited appropriately.** **Yes/No**
11. **The thesis has not been submitted elsewhere for a degree.** **Yes/No**

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(Signature of the supervisor)

.....
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ACKNOWLEDGEMENT

I would like to take this opportunity to thank my beloved thesis guide **Ar. Urvashi Tiwari**, who have always helped me and have give me brilliant ideas. I highly appreciate all the help they have given to me. Their concerns about the many problems involved in acquiring land for **INTERNATIONAL CRICKET STADIUM** or for the expansion of existing ones have encouraged me to conduct this study as a means of presenting more explicitly the difficulties of **INTERNATIONAL CRICKET STADIUM** in metropolitan areas.

I would like to thank the Dean **Prof. Mohit Kumar Aggarwal** and thesis coordinator **Ar. Urvashi Tiwari** without whose help and co-ordination this thesis may not have been possible. I also want to thank all my faculty members for the guidance that helped successfully integrating the research aspects of the project throughout this thesis.

AKASH SINGH

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SITE STUDY

INTRODUCTION

A CRICKET FIELD IS A LARGE GRASSY FIELD ON WHICH THE GAME OF CRICKET IS PLAYED. ALTHOUGH GENERALLY OVAL IN SHAPE, THERE IS A WIDE VARIETY WITHIN THIS: SOME ARE ALMOST PERFECT CIRCLES, SOME ELONGATED OVALS AND SOME ENTIRELY IRREGULAR SHAPES WITH LITTLE OR NO SYMMETRY - BUT THEY WILL HAVE ENTIRELY CURVED BOUNDARIES, ALMOST WITHOUT EXCEPTION. THERE ARE NO FIXED DIMENSIONS FOR THE FIELD BUT ITS DIAMETER USUALLY VARIES BETWEEN 450 FEET (137 M) AND 500 FEET (150 M).



AIMS & OBJECTIVE

THE GHAZIABAD CITY WILL BE PROUD TO HAVE A NEW WORLD-CLASS INTERNATIONAL CRICKET STADIUM, WITH A SEATING CAPACITY FOR NEARLY 45,000, BY 2019. THE GHAZIABAD DEVELOPMENT AUTHORITY (GDA) OFFICIALS SAID THAT THE OFFICIALS OF UP CRICKET ASSOCIATION (UPCA) HAVE FORWARDED THE PROPOSAL FOR GETTING THE FLOOR AREA RATIO (FAR) TO COMMENCE THE PROJECT.

THE STADIUM IS PROPOSED AT MORTI NEAR RAJ NAGAR EXTENSION OVER AN AREA OF NEARLY 35 ACRES. THE LAND WAS PURCHASED BY THE AUTHORITY FOR BOARD OF CONTROL FOR CRICKET IN INDIA (BCCI).

SITE LOCATION



ABOUT GHAZIABAD

GHAZIABAD IS A LARGE AND PLANNED CITY IN THE STATE OF UTTAR PRADESH. IT IS ALSO KNOWN AS GATEWAY OF UP AS IT IS CLOSE TO DELHI. IT IS PRIMARY COMMERCIAL, INDUSTRIAL, AND EDUCATIONAL CENTRE OF WESTERN UTTAR PRADESH.

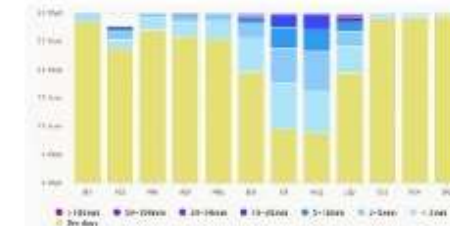
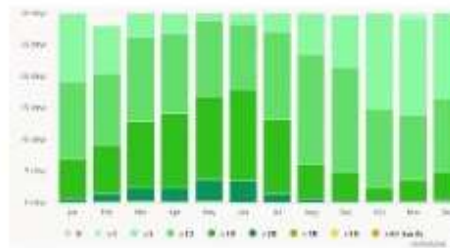
ABOUT THE SITE

LOCATION : - MORTI, GHAZIABAD, UTTAR PRADESH 201003
AREA :- 141640 SQ.M (35 ACRES)
F.A.R :- 3.0
GROUND COVERAGE : - 40%
HEIGHT RESTRICTION : - NO

CLIMATE STUDY

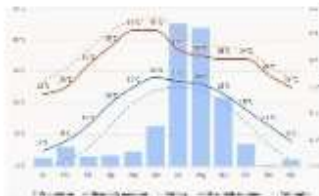
GHAZIABAD HAS A MILD, WARM AND TEMPERATE CLIMATE. - THE WINTER MONTHS ARE MUCH RAINIER THAN THE SUMMER-MONTHS IN GHAZIABAD.

WIND SPEED WIND DIRECTION



AVERAGE TEMPERATURE PRECIPITATION AMOUNT AND PRECIPITATION

THE AVERAGE ANNUAL TEMPERATURE IS AR- THE AVERAGE ANNUAL RAINFALL IS AROUND 25.1 DEGREE C IN GHAZIABAD. 80MM. PRECIPITATION IS LOWEST IN APRIL AROUND 4MM. MOST OF THE PRECIPITATION FALLS IN AUGUST, AVERAGING 268MM.



VEGETATION

VEGETATION IS NOT PREVALENT AT SITE. * GREEN BELT IS RUNNING AT THREE SIDES OF SITE EXCEPT NORTH WEST. * THE SITE HAS BEEN CLOSED FOR MANY YEARS HENCE THERE IS UNCONTROLLED VEGETATION, WHILE THE MAJOR VEGETATION ON THE SITE IS :- ASOKA TREES - NEEM - PEEPAL - OAK - HIBISCUS



LAND USE

PRESENTLY THERE IS ONLY VACANT LAND WITH A SPORTS ACADEMY NEXT TO IT. THERE IS A SMALL CRICKET FIELD NEXT TO THE PROPOSED CRICKET STADIUM.



BYE LAWS

Building Bye Laws

Setbacks:

as per clause 20.2.3 on page 31 (Part II of Book)

Educational, Institutional and Assembly Building

Building height upto 15 meters whether located in commercial and non commercial areas shall have the following minimum setbacks:

Front set back is 9 meters

Rear Set back is 5meters

Side Set backs are 5 meters each respectively

And if the height of the building exceeds from 15 meters, shall be required to have a minimum additional front and rear set back as per the provision of Note 1 in table 2 A on page 25.

The minimum Side setbacks for these buildings will be 5 meters on other sides.

Building between 21-24 meters

- 1 meter in front and rear
- 0.3 meters on each side.

Building between 24-30 meters

- 2 meters in front
- 1.5 meters on rear
- 0.6 meters on each side

Building above 30 meters

- 3 meters in front
- 2 meters on rear
- 1 meter on each side

Area and Height Limitation:

Floor Area Ratio (FAR)

For Assembly building : 1.5

In case of our site

Site Area is 72 acres = 291456 Sqm

FAR Proposed is 1.5 = 437184 Sqm

CASE STUDY

CASE STUDY -1

INTRODUCTION

THE FEROS SHAH KOTLA GROUND IS A CRICKET GROUND LOCATED AT BAHADUR SHAH ZAFAR MARG, NEW DELHI. IT WAS ESTABLISHED IN 1883 AND IS THE SECOND OLDEST INTERNATIONAL CRICKET STADIUM STILL FUNCTIONAL IN INDIA, AFTER THE EDEN GARDENS IN KOLKATA.



DELHI AND DISTRICT CRICKET ASSOCIATION (DDCA) HAS DECIDED TO NAME THE GATE NO. 3 AND 4 OF THE FEROS SHAH KOTLA STADIUM AFTER THE CRICKETER TURNED-COMMENTATOR, ANJUM CHOPRA. THE DDCA LED BY RETIRED JUSTICE VIKRAMAJIT SEN, HAS ALSO PLANNED TO HOST ITS FIRST ANNUAL CONCLAVE ON 29 NOVEMBER 2017.



PLAN



HISTORY OF ARCHITECTURE

THE NAME OF THE STADIUM IS DERIVED FROM ITS FOUNDER, FIRUZ SHAH TUGHLAQ. BUILT IN 1354 AT BAHADUR SHAH ZAFAR MARG, IT WAS EARLIER USED AS A FORTRESS. IN 1883, THIS AREA WAS ESTABLISHED AS A CRICKET STADIUM. NAVAL KHANNA AND MR DANISH SIDDIQUI BUILT THIS STADIUM. THE FIRST INTERNATIONAL TEST CRICKET MATCH WAS PLAYED IN THIS STADIUM IN 1948 ON NOVEMBER 10. THE TEST MATCH WAS BETWEEN WEST INDIES AND INDIA.

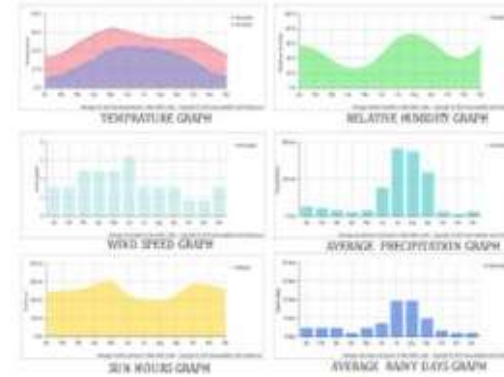


APPROACH TO SITE



CLIMATE

THE CLIMATE OF NEW DELHI IS AN OVERLAP BETWEEN MONSOON- INFLUENCED HUMID SUBTROPICAL AND SEMI-ARID WITH HIGH VARIATION BETWEEN SUMMER AND WINTER TEMPERATURES AND PRECIPITATION.



SERVICES



DRAINAGE LINE



DRAINAGE



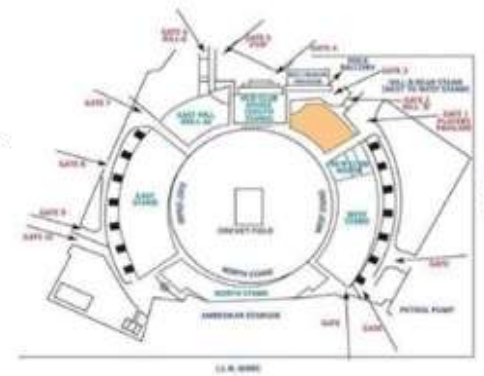
BACKYARD



GENERATOR



PLUMBING



COMPONENT OF STADIUMS

- PLAY GROUND
- PRACTISE PITCH
- DRESSING ROOM
- VIP STAND
- VVIP STAND
- MEDIA STAND
- FAMILY STAND
- COMMENTATOR ROOM
- UMPIRE ROOM
- STAFF ROOM
- SERVICES
- GRAND STAIRCASE
- RAMP
- GYM



DRESSING ROOM



CONFERENCE



LIGHT POLE



COMMENTATOR ROOM

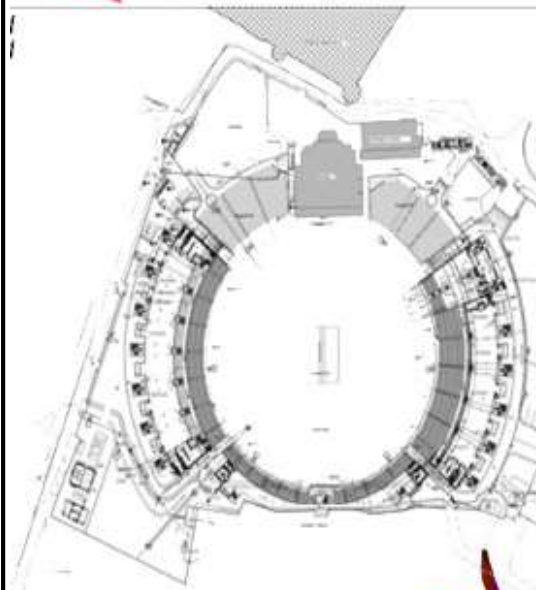


STANDS



CASE STUDY -1

PLAN

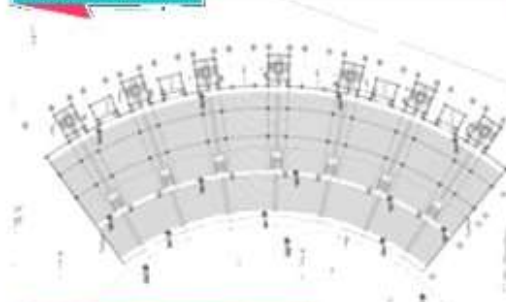


- DINING AREA - 103.23 SQM
- MEDICAL ROOM - 25.15 SQM
- UMPIRE'S RESTROOM - 18.65 SQM
- HEIGHT OF RAILING - 1.2 M
- FOOD COURT - 27 SQM
- GENTS TOILET - 27.06 SQM
- LADIES TOILET - 27.06 SQM

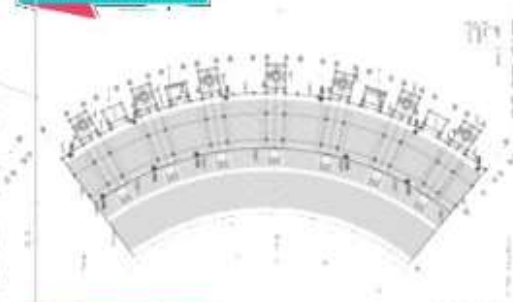
ELECTRICITY

ELECTRICITY IS SUPPLIED TO ENTIRE CRICKET SPORTS GROUND. FIRE HYDRANTS ARE RUNNING ALL ALONG THE GROUND FOR EXTINGUISHING FIRE. IT CONTAINS THE WATER WHICH IS RECYCLED THUS LOWERING THE CONSUMPTION OF WATER. SOLAR LIGHTS ARE RUNNING ALL OVER THE SITE. SOLAR TUBES ARE USED FOR INSIDE ILLUMINATION OF GALLERIES.

WIND 'A' - 1ST TIER



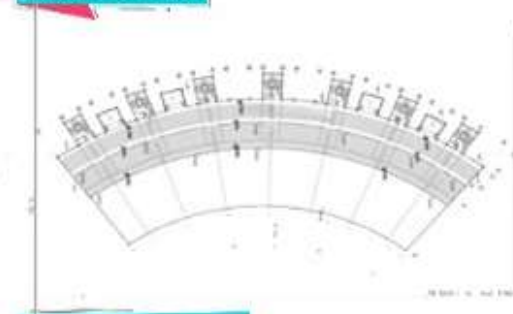
WIND 'A' - 2ND TIER



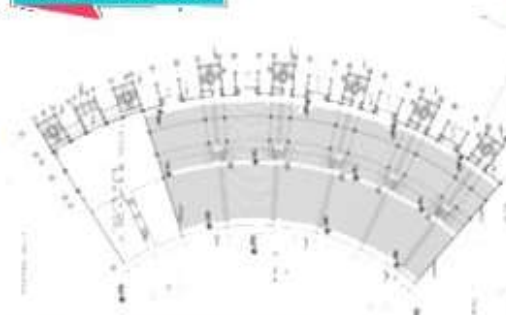
WIND 'A' - MID LEVEL 3RD TIER



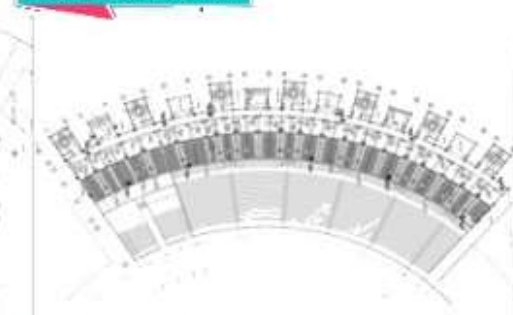
WIND 'A' - 3RD TIER



WIND 'B' - FIRST TIER



WIND 'B' - SECOND TIER



WIND 'B' - MID LEVEL 3RD TIER



WIND 'B' - 3RD TIER



SECTIONS



FIRE



PROPER FIRE SERVICE IS PROVIDED ACCORDING TO STANDARD THE MANUAL FIRE SAFETY SAFETY & EXTINGUISHER ARE PROVIDED SMOKE DETECTOR ALARM IS ALSO ESTABLISHED IN EACH BUILDING BLOCK IN CASE OF EMERGENCY FIRE EXIT IS ALSO PROVIDED.



CASE STUDY -2

EKANA SPORTZ CITY IS 137 ACRES INDIA'S FIRST UNIQUE SPORTS-INSPIRED COMMUNITY UNDER PUBLIC-PRIVATE PARTNERSHIP EQUIPPED WITH INTERNATIONAL CRICKET STADIUM, INDOOR MULTISPORT STADIUM AND MULTISPORT OUTDOOR GROUND WITH RUNNING TRACK ALONG WITH RESIDENTIAL, COMMERCIAL HOTEL AND HOSPITAL IN THE CITY OF NAWAHS "LUCKNOW"

LUCKNOW HAS RICH NATURAL RESERVES OF SPORTS TALENTS AND LUCKNOW IS ALL SET TO GET A STATE-OF-THE-ART INTERNATIONAL LEVEL SPORTS INFRASTRUCTURE. THE SPORT INFRASTRUCTURE WILL BE BUILT IN 71 ACRES PARCEL OF LAND AND REAL ESTATE INFRASTRUCTURE DEVELOPMENT ZONE IS 66 ACRES.

"EKANA SPORTZ CITY", NESTLED IN THE LAP OF NATURE IS TO CREATE A SPLENDOR OF LUXURY SPACES TO INCLUDE IN ITS BOUQUET, SPORTING FACILITIES OF INTERNATIONAL STANDARD ALONG WITH THE OTHER ESSENTIAL NEEDS TO INCLUDE HOTELS, SHOPPING MALLS, EDUCATION AND MEDICAL FACILITIES. IN THE AREA OF ARCHITECTURAL OPULENCE AND SPIRIT OF SPORTS WILL BLOSSOM EKANA SPORTZ CITY ALONG THE SOUTHERN BANKS OF GOMTI RIVER AN ADDRESS OF PRIDE & ELEGANCE FOR NOT ONLY THE FUTURE RESIDENTS BUT ALSO FOR THE CITIZEN OF LUCKNOW AND UTTAR PRADESH. "EKANA SPORTZ CITY PVT LTD" IS A CONSORTIUM OF TWO COMPANIES WHO ARE PRIVILEGED TO CREATE THIS HAVEN OF JOY AND COMFORT PROMOTING SPORTS AND HEALTH FOR ALL. THE TWO COMPANIES WHO ARE JOINTLY CONSTRUCTING THIS DREAM PROJECT ARE NCC LTD. AND GOC PVT LTD.

APPROACH



CLIMATE DATA

	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature (°C)	16	18.8	24.4	28.9	31.9	33.9	36	36.1	34.9	30.2	25.9	19.9
Min. Temperature (°C)	8.8	13.4	18.1	21.7	25.9	28	29.9	29.9	25	19.9	13.7	8.9
Max. Temperature (°C)	23.2	26.9	30.9	36.2	37.9	39.2	42.9	42.9	40.9	30.9	26.9	21.2
Avg. Temperature (°F)	60.8	65.8	75.9	84.0	91.4	93.0	96.8	97.0	94.8	87.4	78.6	67.8
Min. Temperature (°F)	47.8	56.1	64.6	71.1	78.6	82.4	85.8	85.8	79.0	67.8	56.7	48.0
Max. Temperature (°F)	73.8	80.4	87.6	96.0	100.0	103.2	109.2	109.2	105.8	87.6	80.4	70.0
Precipitation / Rainfall (mm)	26	43	8	4	14	36	206	206	174	57	3	7



MATCH OFFICIAL BOX



MEDIA LOUNGE



MEDIA ROOM



NORTH & SOUTH PAVILION JFO



PLAYER DINING AREA



PLAYER DRESSING ROOM

EKANA CRICKET STADIUM

(ICC AND BCCI APPROVED)
THE EKANA CRICKET STADIUM WITH WORLD CLASS FACILITIES IS AIMED TO GIVE BOOST TO SPORTS IN UTTAR PRADESH. ALSO THE OBJECTIVE IS TO PROVIDE STATE OF ART FACILITIES TO THE SPORTS MEN/WOMEN TOWARDS

ENHANCING THEIR PERFORMANCE AT NATIONAL AND INTERNATIONAL LEVEL. THE EKANA CRICKET STADIUM OF 50,000 SEATING CAPACITY, WITH FACILITIES FOR DAY/ NIGHT MATCHES, WILL BE AMONG THE MOST ADVANCED STADIUMS. IT WOULD BE EQUIPPED WITH NEXT GENERATION FACILITIES FOR PLAYERS, OFFICIALS, VIP'S, SPECTATORS AND THE MEDIA. THE DESIGN OF THIS ONE OF ITS KIND STADIUM FOLLOWS THE GUIDELINES AND SPECIFICATIONS LAID OUT BY ICC AND BCCI FOR HOSTING INTERNATIONAL CRICKET MATCHES.

THE HIGHLIGHTS OF THE STADIUM WILL BE :

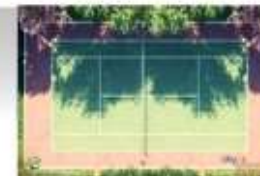
- 32 CORPORATE BOXES
- 4 PLATINUM BOXES & 4 DIRECTOR LAWNS
- VVIP AND VIP LOUNGE WITH DINING HALL
- CONFERENCE HALL AND REST ROOM
- REHABILITATION CENTER
- MEDIA GALLERY
- COMMENTARY BOX
- UMPIRE LOUNGE
- AUDIO VISUAL ROOM
- PLAYERS PAVILION WITH ALL FACILITIES
- DISPENSARY
- DOPE TEST LAB
- PHYSIOTHERAPY AREA
- GYMNASIUM
- GUEST HOUSE
- SPORTS ACADEMY



PRIVATE GYM FOR PLAYER



TV STUDIO & BROADCASTING ROOM



LAWN TENNIS COURTS



FOOTBALL GROUND

LAWN TENNIS COURTS

WORLD CLASS TENNIS COURT AND ACADEMY IS BEING DEVELOPED AT EKANA SPORTZ CITY. THE OBJECTIVE OF THIS TENNIS STADIUM AND INFRASTRUCTURE TO THE GAME OF FOOTBALL, TOWARDS PROMOTING IT IN A ACADEMY IS TO HAVE THE WORLD CLASS FACILITIES IN THE STATE FOR THE STATE AND AT NATIONAL LEVEL. THE SEATING CAPACITY OF THIS ORGANIZING TENNIS EVENTS AT NATIONAL AND INTERNATIONAL LEVELS. STADIUM WOULD BE ABOVE 20,000 SPECTATORS. THE FOOTBALL GROUND AND ALSO FACILITATE TRAINING TO THE UPCOMING TENNIS PLAYERS AND IS BEING DESIGNED IN SUCH A WAY THAT IT WOULD HAVE A SYNTHETIC STUDENTS.

THERE WILL BE EIGHT PRACTICE COURTS AND TWO COURTS EXCLUSIVELY TRACK EVENTS. APART FROM FOOTBALL MATCHES WOULD ALSO BE FOR NATIONAL AND INTERNATIONAL LEVEL MATCHES. THE PLAYING SURFACE WILL BE OF SYNTHETIC MATERIAL MEETING THE SPECIFICATION OF INTERNATIONAL TENNIS FEDERATION (ITF).

FOOTBALL GROUND

OBJECTIVE OF THIS STADIUM IS TO PROVIDE THE WORLD CLASS INFRASTRUCTURE TO THE GAME OF FOOTBALL, TOWARDS PROMOTING IT IN A ACADEMY IS TO HAVE THE WORLD CLASS FACILITIES IN THE STATE FOR THE STATE AND AT NATIONAL LEVEL. THE SEATING CAPACITY OF THIS ORGANIZING TENNIS EVENTS AT NATIONAL AND INTERNATIONAL LEVELS. STADIUM WOULD BE ABOVE 20,000 SPECTATORS. THE FOOTBALL GROUND AND ALSO FACILITATE TRAINING TO THE UPCOMING TENNIS PLAYERS AND IS BEING DESIGNED IN SUCH A WAY THAT IT WOULD HAVE A SYNTHETIC STUDENTS.



5000 SEATING CAPACITY FOR SPECTATOR

INTERNATIONAL INDOOR MULTI SPORTS STADIUM

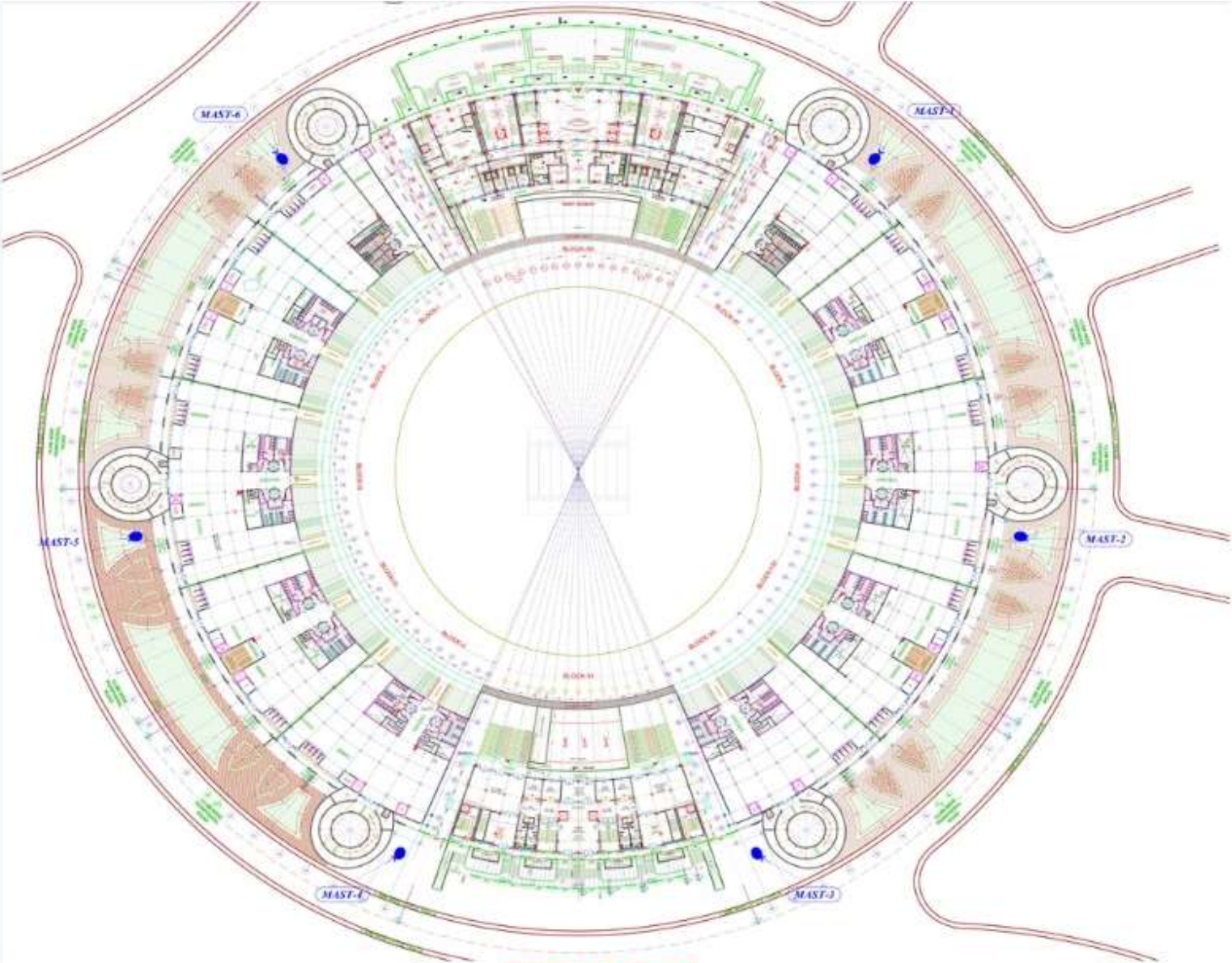
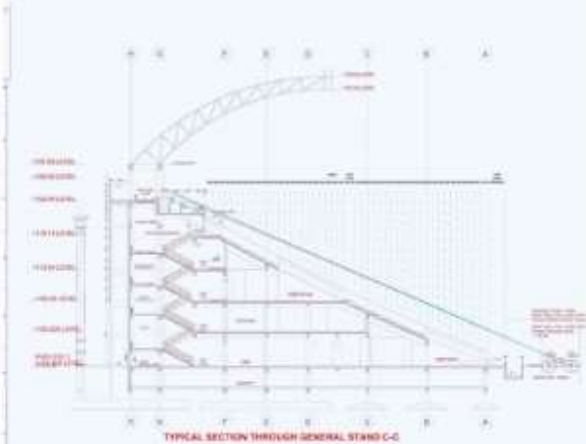
THE INTERNATIONAL INDOOR MULTI-SPORT STADIUM AT EKANA SPORTZ CITY IS BEING DESIGNED WITH STATE OF ART FACILITIES. THIS STADIUM WOULD BE EQUIPPED WITH ALL THE WORLD CLASS FACILITIES FOR THE FOLLOWING SPORTS:

- SQUASH
- BADMINTON
- TABLE TENNIS
- VOLLEYBALL
- BASKETBALL
- KABADDI
- WRESTLING
- BOXING

CASE STUDY -2



SITE PLAN



LITERATURE STUDY

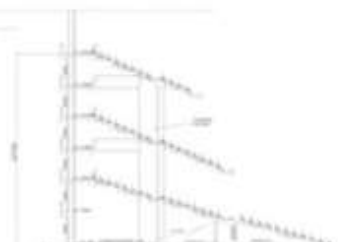
LITERATURE STUDY

JHARKHAND STATES CRICKET ASSOCIATION INTERNATIONAL CRICKET STADIUM, ALSO KNOWN AS **JSCA INTERNATIONAL STADIUM COMPLEX** IS SITUATED IN RANCHI, INDIA, AN EASTERN CITY OF INDIA. IT SERVES JHARKHAND STATE CRICKET ASSOCIATION TO ORGANISE INTERNATIONAL MATCHES IN JHARKHAND AND IS THE HOME GROUND OF THE JHARKHAND CRICKET TEAM AND INDIAN PREMIER LEAGUE TEAM CHENNAI SUPER KINGS. TWO HOME GAMES OF IPL TEAM CHENNAI SUPER KINGS WILL BE HELD AT JSCA STADIUM. IT WAS INAUGURATED IN JANUARY 2013. AS OF 19 AUG, 2017 IT HAS HOSTED 1 TEST, 4 ODIs AND 1 T20.

HISTORY

THE JSCA'S DECISION TO BUILD A NEW CRICKET STADIUM IN RANCHI STEMMED FROM A DISPUTE WITH TATA STEEL, REGARDING ALLOCATIONS OF INTERNATIONAL MATCHES AND CONDUCTING MATCHES IN KEENAN STADIUM. THIS CONFLICT CAME ABOUT WHEN AN INTERNATIONAL MATCH BETWEEN INDIA AND ENGLAND WAS MOVED TO BANGALORE, WITH THE JSCA STATING THEY DID NOT RECEIVE ANY RESPONSE FROM TATA STEEL. FOLLOWING THIS, THE JSCA DECIDED A NEW STADIUM WAS NEEDED. JSCA STADIUM CONSTRUCTED BY M/S RAM KRIPALSINGH CONSTRUCTION PRIVATE LIMITED, RANCHI, JHARKHAND, AS JHARKHAND STATE CRICKET ASSOCIATION IS A FULL MEMBER OF THE BOARD OF CONTROL FOR CRICKET IN INDIA (BCCI). IT ORGANISES INTERNATIONAL MATCHES IN THE STATE, BUT JSCA DID NOT OWN ANY INTERNATIONAL CRICKET STADIUMS, THE ONLY ONE BEING KEENAN STADIUM, JAMSHEDPUR WHICH WAS OWNED BY TATA STEEL. THEREFORE, IT WAS DECIDED TO CONSTRUCT ITS OWN INTERNATIONAL CRICKET STADIUM IN RANCHI, THE CAPITAL OF JHARKHAND.

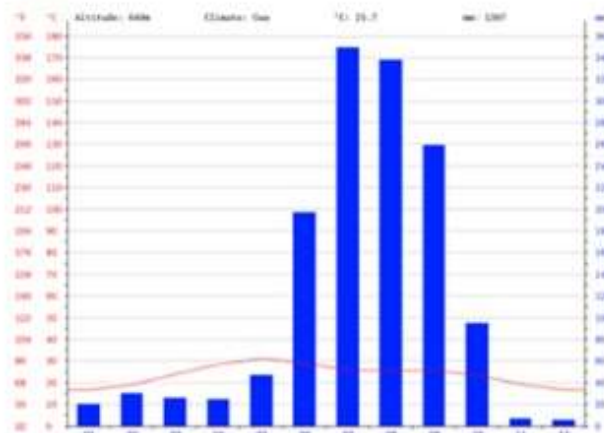
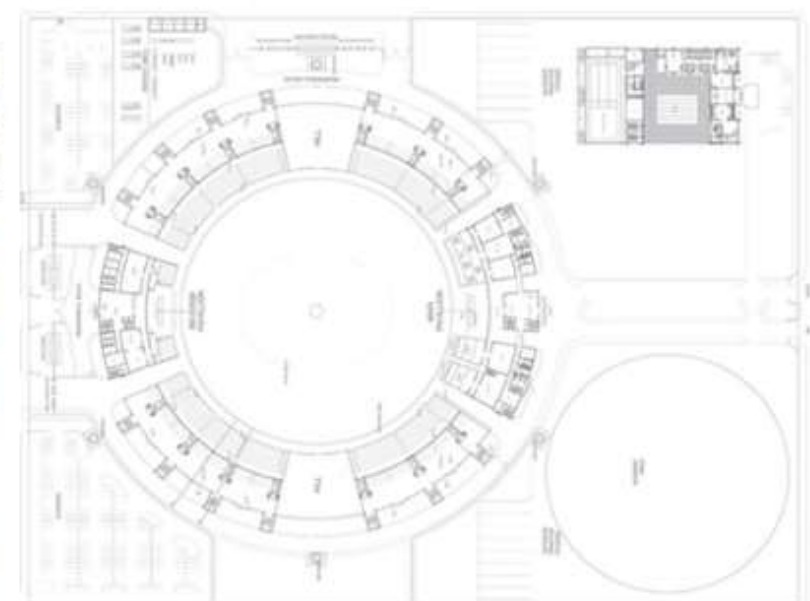
THE DESIGN COMMISSION WAS GIVEN TO ARCHITECTURAL CONSULTANTS KOTHAR ASSOCIATES PVT. LTD. OF DELHI. THIS STADIUM IS BUILT WITHIN THE PREMISES OF HEC (HEAVY ENGINEERING CORPORATION), A PUBLIC SECTOR COMPANY. THE STADIUM IS THE HOME GROUND OF INDIAN CRICKET TEAM FORMER CAPTAIN MAHENDRASINGH DHONI. THE STADIUM HAS BEEN CONSTRUCTED IN SUCH A WAY THAT NO SHADOW FALLS ON ANY OF THE NINE PITCHES BEFORE 4.45 PM, EVEN ON THE SHORTEST DAY OF THE YEAR. THERE IS ANOTHER GROUND IN THE COMPLEX WHICH HAS FIVE PITCHES. THERE IS A PRACTICE ARENA WITH EIGHT PITCHES. THE STADIUM HAS A SEATING CAPACITY OF AROUND 40,000 AND 76 CORPORATE BOXES. SPECTATORS CAN ALSO ENJOY VIEWS FROM TWO NEARBY HILLS ON THE EAST AND WEST SIDES CALLED THE EAST AND WEST HILLS. THIS IS THE ONLY STADIUM IN THE COUNTRY HAVING HILLS ON BOTH SIDES. THE TWO PAVILIONS, NORTH AND SOUTH, ARE FULLY AIR-CONDITIONED HAVE FIVE LEVELS EACH WHICH INCLUDE VP AREAS, MEMBERS' ENCLOSURE, DONORS' ENCLOSURE, PRESIDENT'S BOX, THE BCCI BOX AND TWO LARGE DRESSING ROOMS WITH SEPARATE DINING SPACES FOR PLAYERS. MEMBER ROOFS PROVIDE SHADE FROM THE SUN. THE STADIUM ALSO FEATURES AN INDOOR CRICKET CENTRE CONSISTING OF THREE INDOOR PITCHES, WITH A RESIDENTIAL COMPLEX WHERE PLAYERS CAN STAY FOR TRAINING. IN NOVEMBER 2015, THE STADIUM WAS SELECTED ONE OF THE SIX NEW TEST VENUE ALONG WITH MAHARASHTRA CRICKET ASSOCIATION STADIUM, HOLKAR STADIUM, SAURASHTRA CRICKET ASSOCIATION STADIUM, HIMACHAL PRADESH CRICKET ASSOCIATION STADIUM AND DR. Y.S. RAJASEKHARA REDDY ACA-VCA CRICKET STADIUM IN INDIA.



SECTION A



SECTION B



CONCEPT

CONCEPT-INTRODUCTION

A CRICKET FIELD IS A LARGE GRASSY FIELD ON WHICH THE GAME OF CRICKET IS PLAYED. ALTHOUGH GENERALLY OVAL IN SHAPE, THERE IS A WIDE VARIETY WITHIN THIS: SOME ARE ALMOST PERFECT CIRCLES, SOME ELONGATED OVALS AND SOME ENTIRELY IRREGULAR SHAPES WITH LITTLE OR NO SYMMETRY – BUT THEY WILL HAVE ENTIRELY CURVED BOUNDARIES, ALMOST WITHOUT EXCEPTION. THERE ARE NO FIXED DIMENSIONS FOR THE FIELD BUT ITS DIAMETER USUALLY VARIES BETWEEN 450 FEET (137 M) AND 500 FEET (150 M).



AIMS & OBJECTIVE

THE GHAZIABAD CITY WILL BE PROUD TO HAVE A NEW WORLD-CLASS INTERNATIONAL CRICKET STADIUM, WITH A SEATING CAPACITY FOR NEARLY 45,000, BY 2019. THE GHAZIABAD DEVELOPMENT AUTHORITY (GDA) OFFICIALS SAID THAT THE OFFICIALS OF UP CRICKET ASSOCIATION (UPCA) HAVE FORWARDED THE PROPOSAL FOR GETTING THE FLOOR AREA RATIO (FAR) TO COMMENCE THE PROJECT.

THE STADIUM IS PROPOSED AT MORTI NEAR RAJ NAGAR EXTENSION OVER AN AREA OF NEARLY 35 ACRES. THE LAND WAS PURCHASED BY THE AUTHORITY FOR BOARD OF CONTROL FOR CRICKET IN INDIA (BCCI).

SITE LOCATION



ABOUT GHAZIABAD

GHAZIABAD IS A LARGE AND PLANNED CITY IN THE STATE OF UTTAR PRADESH. IT IS ALSO KNOWN AS GATEWAY OF UP AS IT IS CLOSE TO DELHI. IT IS PRIMARY COMMERCIAL, INDUSTRIAL, AND EDUCATIONAL CENTRE OF WESTERN UTTAR PRADESH.

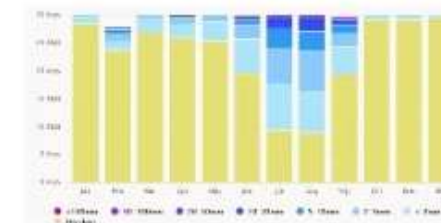
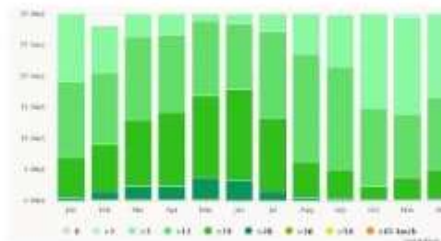
ABOUT THE SITE

LOCATION : - MORTI, GHAZIABAD, UTTAR PRADESH 201003
AREA :- 141640 SQ.M (35 ACRES)
F-A-R :- 3.0
GROUND COVERAGE : - 40%
HEIGHT RESTRICTION : - NO

CLIMATE STUDY

GHAZIABAD HAS A MILD, WARM AND TEMPERATE CLIMATE. - THE WINTER MONTHS ARE MUCH RAINIER THAN THE SUMMER-MONTHS IN GHAZIABAD.

WIND SPEED WIND DIRECTION



AVERAGE TEMPERATURE PRECIPITATION AMOUNT AND PRECIPITATION

THE AVERAGE ANNUAL TEMPERATURE IS AR- THE AVERAGE ANNUAL RAINFALL IS -OUND 25.7 DEGREE C IN GHAZIABAD.810MM. PRECIPITATION IS LOWEST IN APRIL AROUND 4MM. MOST OF THE PRECIPITATION FALLS IN AUGUST, AVERAGING 268MM.



VEGETATION

VEGETATION IS NOT PREVALENT AT SITE. * GREEN BELT IS RUNNING AT THREE SIDES OF SITE EXCEPT NORTH WEST. * THE SITE HAS BEEN CLOSED FOR MANY YEARS HENCE THERE IS UNCONTROLLED VEGETATION, WHILE THE MAJOR VEGETATION ON THE SITE IS :- - ASOKA TREES - NEEM - PEEPAL -OAK -HIBISCUS



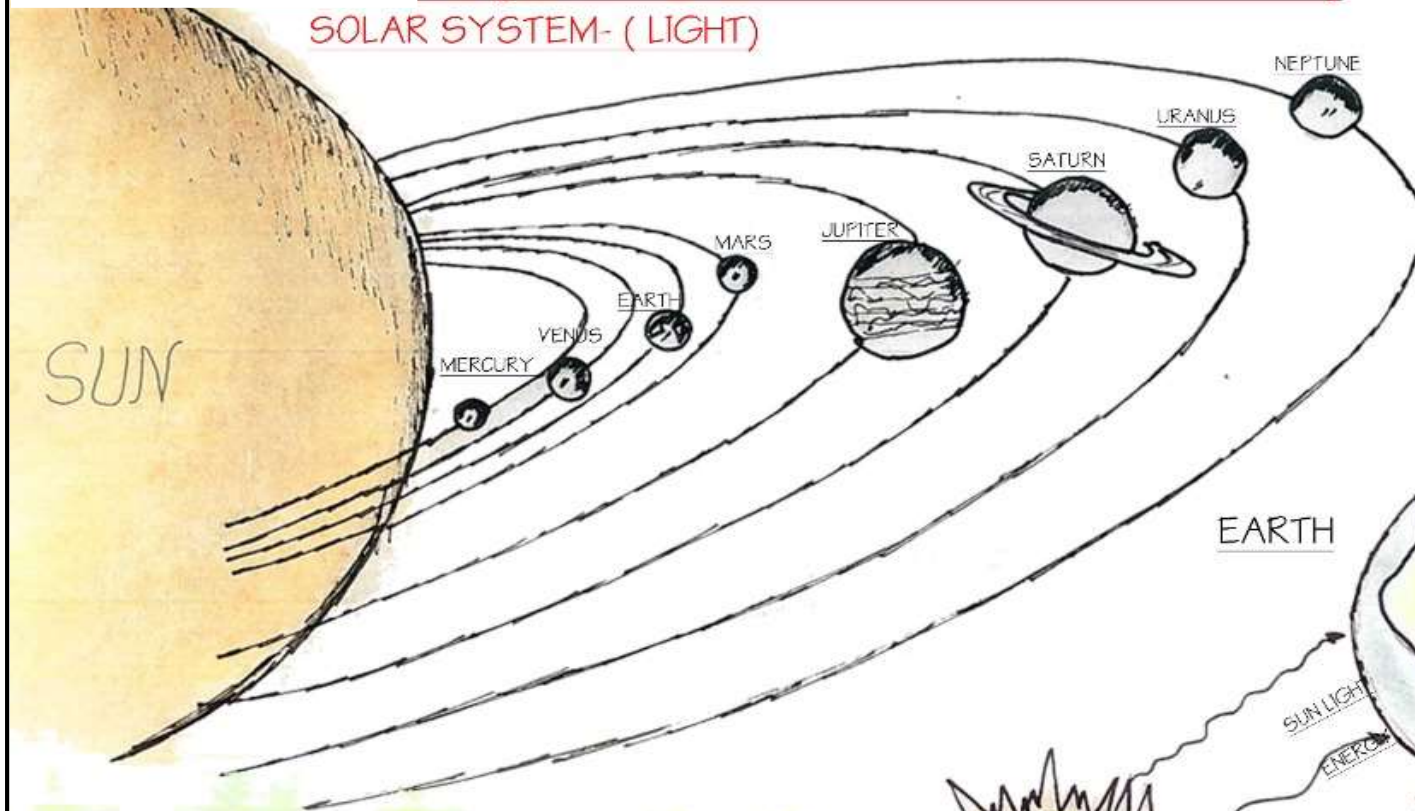
LAND USE

PRESENTLY THERE IS ONLY VACANT LAND WITH A SPORTS ACADEMY NEXT TO IT. THERE IS A SMALL CRICKET FIELD NEXT TO THE PROPOSED CRICKET STADIUM.



CONCEPT

T - (INTERNATIONAL CRICKET STADIUM) SOLAR SYSTEM- (LIGHT)



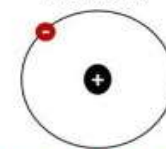
SUN

- SUN RADIUS-
13,90,000 KM
- SIZE OF SUN-
109 TIME LARG FROM
EARTH
- BORN- 4.5 BILLION YEAR
AGO
- TEMPERATURE-
5.5 THOUSAND °C

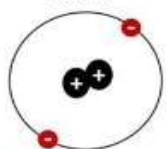
EARTH

DISTANCE FROM SUN
- 149600000 KM
RADIUS- 12742 KM

HYDROGEN



HELIUM



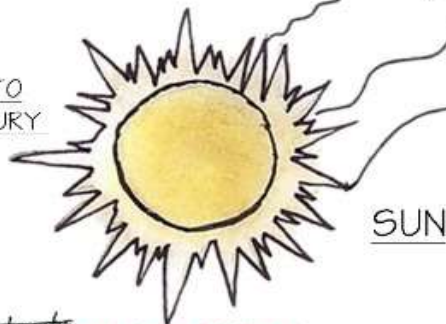
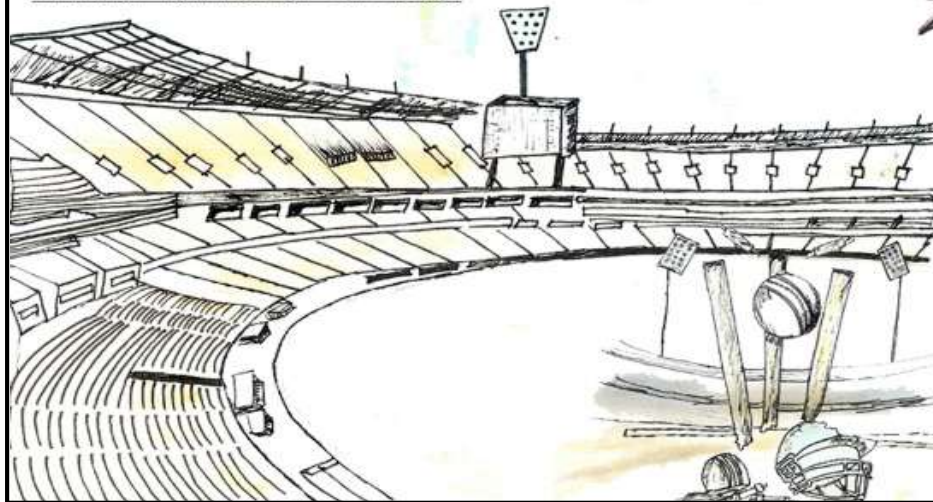
LIGHT AND ENERGY-

LIGHT THAT TRAVELS TO EARTH FROM
SUN FORMED DUE TO THE REACTION
OF HYDROGEN AND HELIUM IT TENDS
TO HAVE NUCLEAR FISSION WHICH
GENERATES HEAT AT VERY HIGH TEM-
PERATURE AND THIS HEAT AND LIGHT
TRAVELS TO DIFFERENT ORBITING
PLANETS-

SUN LIGHT -

TIME TO TRAVEL LIGHT FROM SUN TO
EARTH-
1 LAKH 7 THOUSANDS YEAR

DEPENDING UPON THE DISTANCE THIS VISIBILITY DEFERS ACCORDING TO
SOLAR SYSTEM DIFFERENCE COULD BE EXAMINED FOR THAT IS MERCURY
AND NEPTUNE. RELATING THIS TO BI STADIUM. FIRST ROW VISIBILITY
AND LAST ROW VISIBILITY DIFFERES.



EARTH

SUN

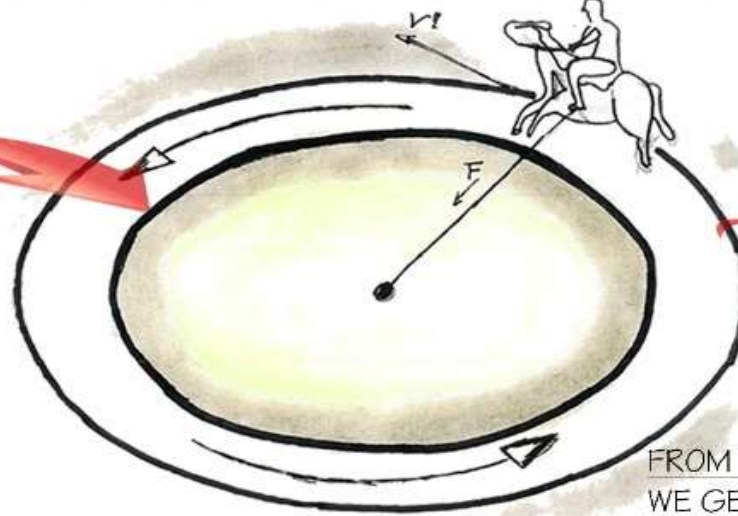
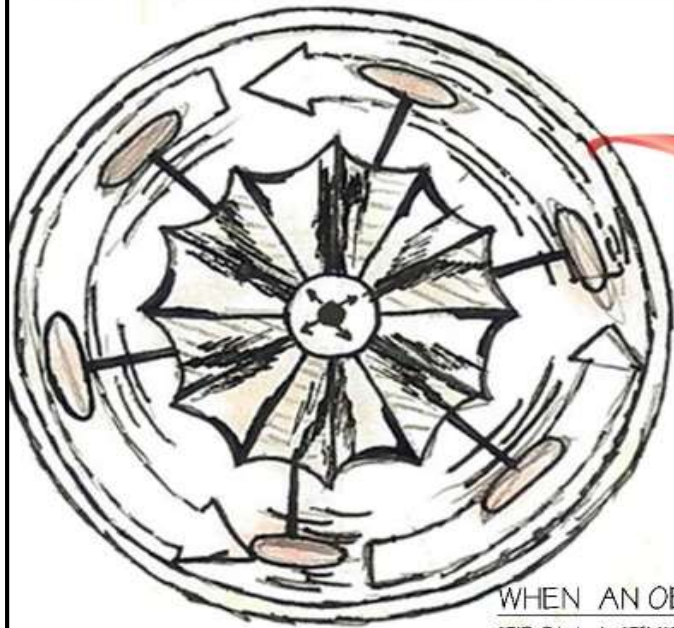
WHITE LIGHT

THE LIGHT TRAVELS TOWARDS EARTH TERMS TO BE WHITE LIGHT.
THIS WHITE LIGHT WHEN PASSED THROUGH PRISM SPLITS
IN TO SEVEN WAVE LENGTH OF DIFFERENT COLOURS
WHEN THIS LIGHT STRUCK ON ANY AREA TENDS
TO CREAT A VISIBILITY.

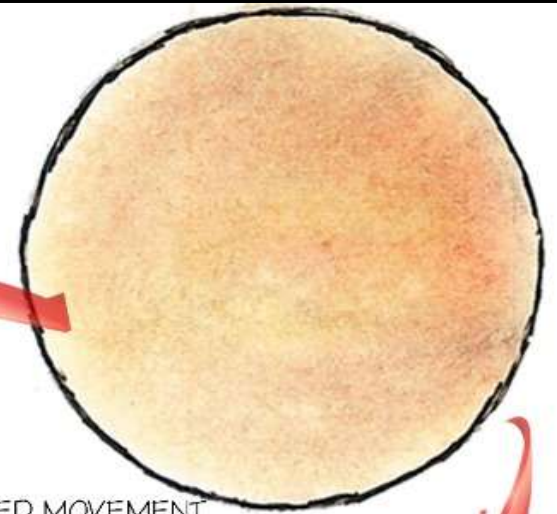
V I B G Y O R



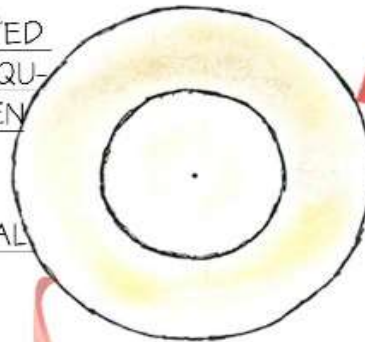
FORM EVOLUTION



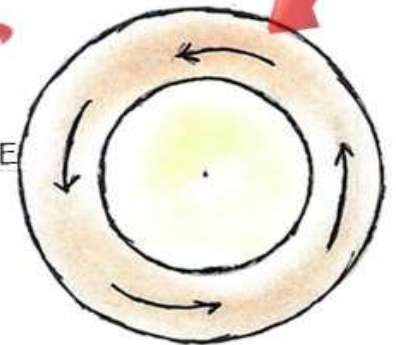
FROM THIS FIXED MOVEMENT
WE GET A CIRCULAR PATH



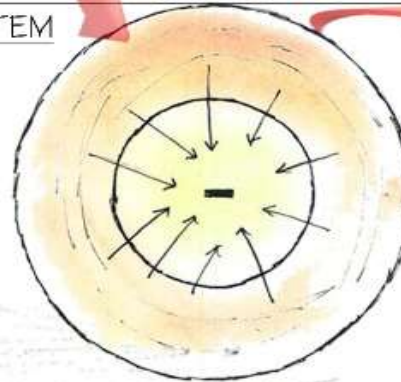
WHEN AN OBJECT IS ROTATED
FROM A FIXED POINT IT ACQU-
IRES A CIRCULAR PATH WHEN
AN OBJECT IS ROTATED IT
SUFFERS FROM INWORD
FORCE TERMED CENTRIPETAL
FORCE



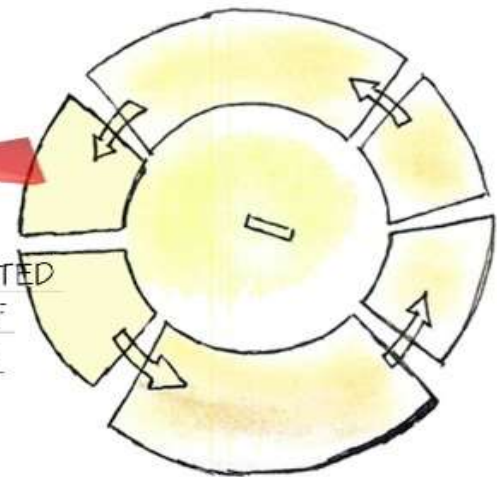
AND THE PATH ON WHICH AN
OBJECT IS ROTATING COULD BE
RELATED TO THE CIRCULAR
ROTATION OF PUBLIC IN THE
STADIUM



AND THE CENTER OF ATTRACTION OF THE
PUBLIC IS PITCH THIS COULD BE RELATED
TO THE GRAVITATIONAL FORCE IN SOLOR
SYSTEM



THE FUNCTIONALITY OF
STADIUM COULD BE RELATED
TO THE FUNCTIONALITY OF
CENTRIPETAL FORCE AND
GRAVITATIONAL FORCE

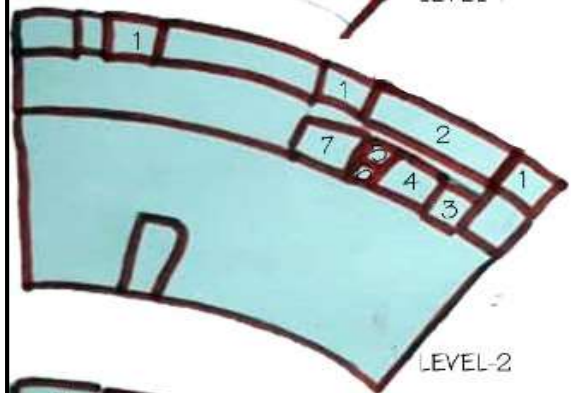


MERRY GO ROUND

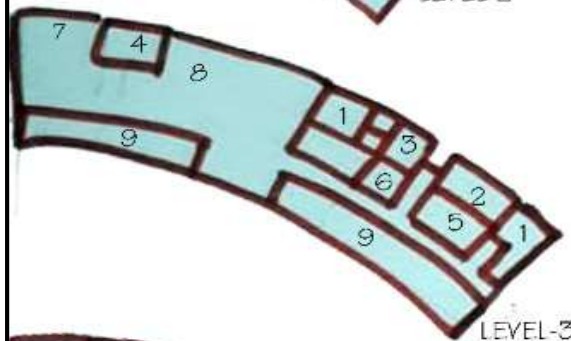
HORIZONTAL STACKING--



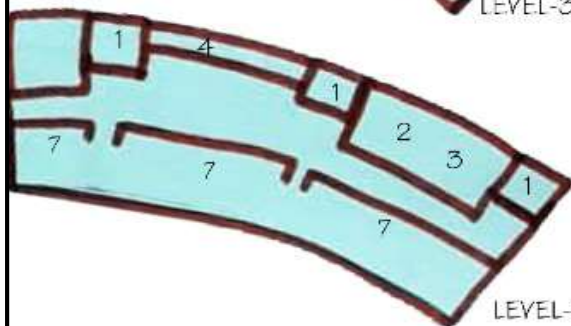
LEVEL-1



LEVEL-2



LEVEL-3



LEVEL-4

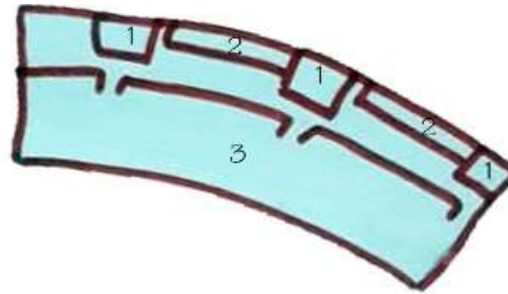
- 1-FOOD OUTLET
- 2-TOILET
- 3-STAIR
- 4-DISPLAY AREA
- 5-RETAIL OUT LET
- 6-ENTRY
- 7-MUSEUM
- 8-RESTURANT
- 9-CLUB ADMIN
- 10-SITTING AREA

- 1-STAIR
- 2-DORMITORY
- 3-MULTIPURPOSE HALL
- 4-TOILET
- 5-LAUNDRY ROOM
- 6-STORAGE
- 7-KITCHEN WITH DINIG

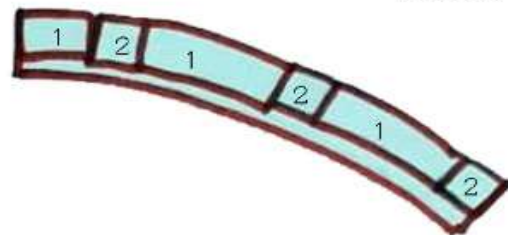
- 1- STAIR
- 2- TOILET (HE)
- 3-TOILET(SHE)
- 4-STORAGE
- 5-LOUNGE
- 6-PANTRY
- 7-OPEN BENQUET DINNING
- 8-CAFETERIA WITH DINING
- 9- SETTING

- 1- STAIR
- 2-TOILET (HE)
- 3- TOILET (SHE)
- 4- FOOD OUT LET
- 5-SETTING

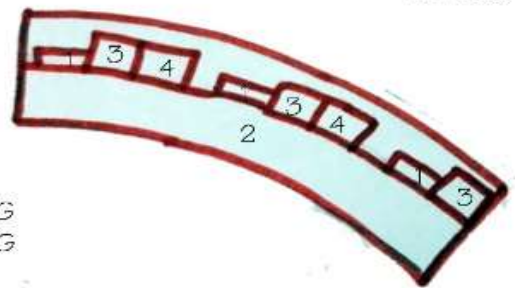
STACKING



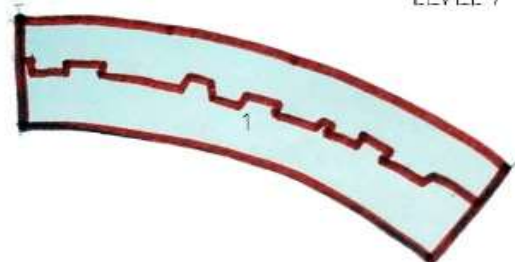
LEVEL-5



LEVEL-6



LEVEL-7



LEVEL-8

VIRTICAL STACKING--

- 1- STAIR
- 2-FOOD OUTLET
- 3-SETTING

- 1- TOILET (HE)
- 2- STAIR

- 1-FOOD COURT
- 2-SETTING AREA
- 3- STAIR
- 4- TOILET

- 1- SETTING

LEVEL-7 PUBLIC SITTING

LEVEL-6 TOILETS

LEVEL-5 FOOD COURTS
PUBLIC FACILITIES

LEVEL-4 TOILETS,FOOD COURTS
PUBLIC FACILITIES

LEVEL-3 VIP,CORPORATE,
CAFETERIA, FOOD JOINTS, TOILETS

LEVEL-2 CONFERENCE,
MEETING ROOMS

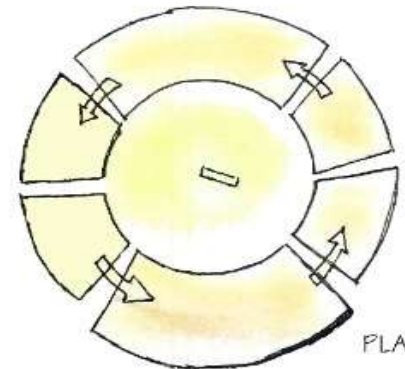
LEVEL-1 PUBLIC ENTRY
& SITTING, RETAIL OUTLETS
& BUSINESS CENTER MUSEUM

PUBLIC
SITTING

PUBLIC
SITTING

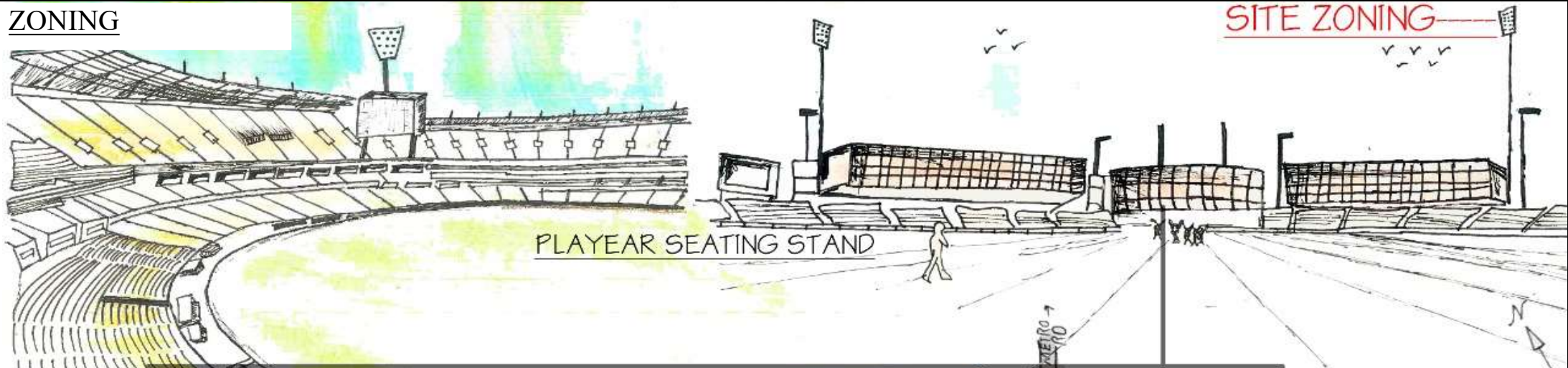
VIP
SITTING

PUBLIC
SITTING



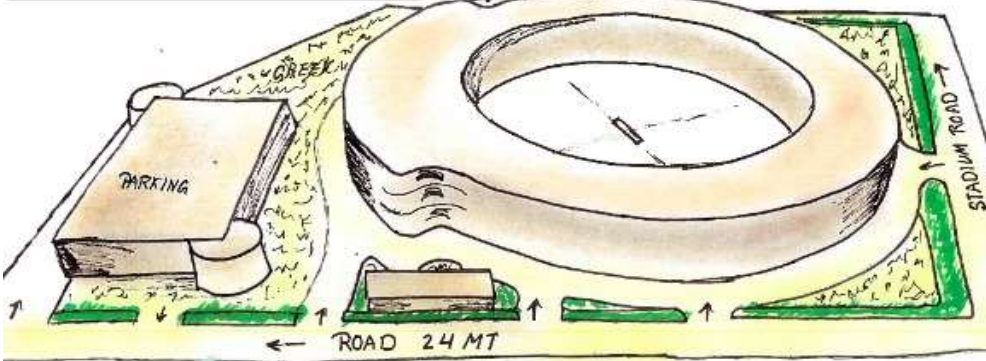
PLAN

ZONING



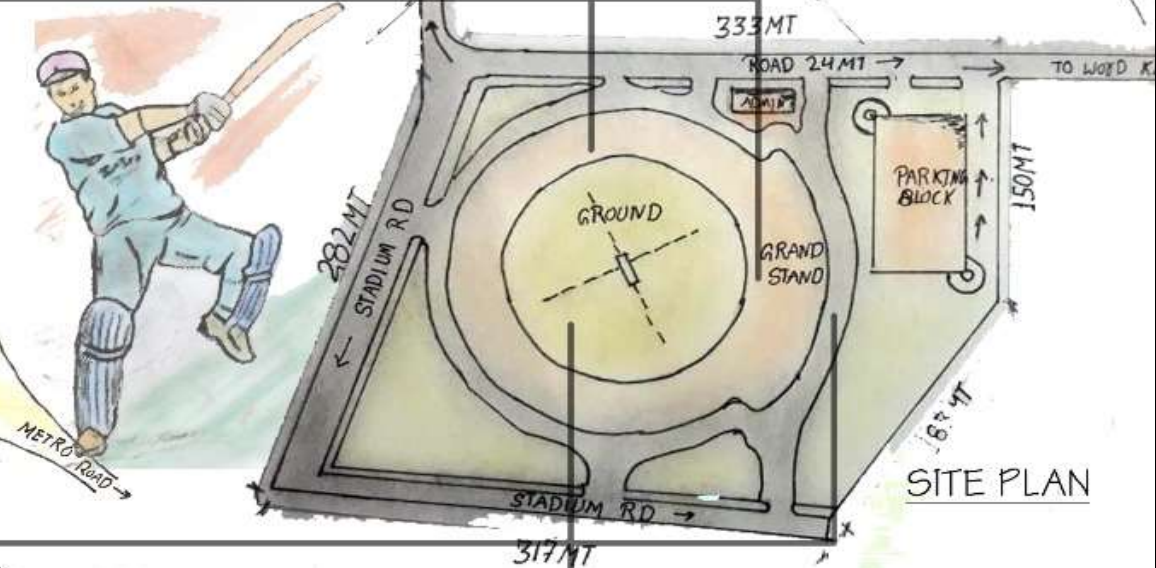
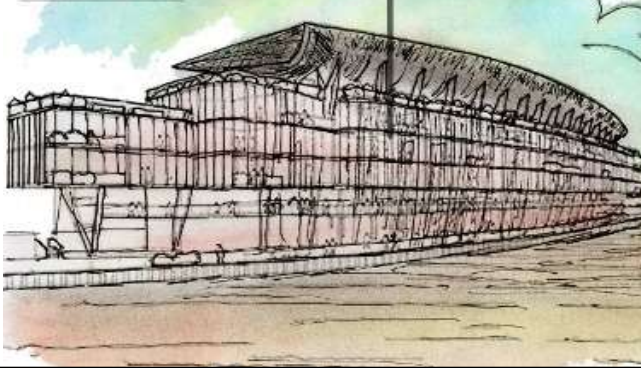
SITE ZONING

GRAND STAND SITTING



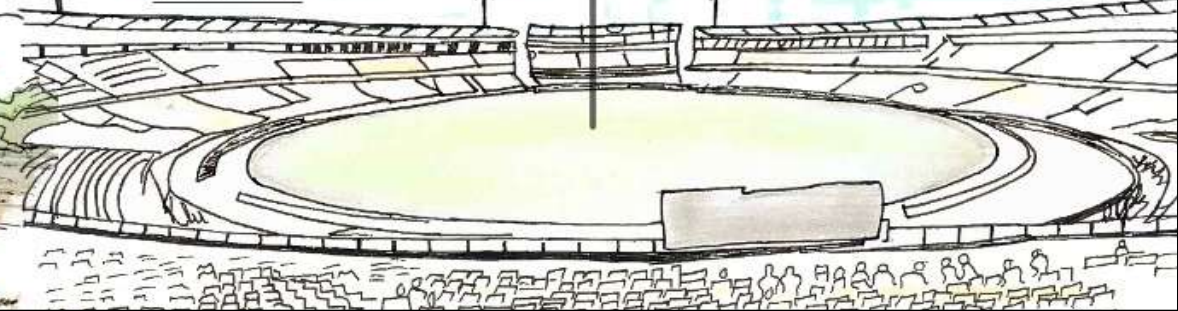
SITE VIEW

OUT SIDE OF THE STADIUM

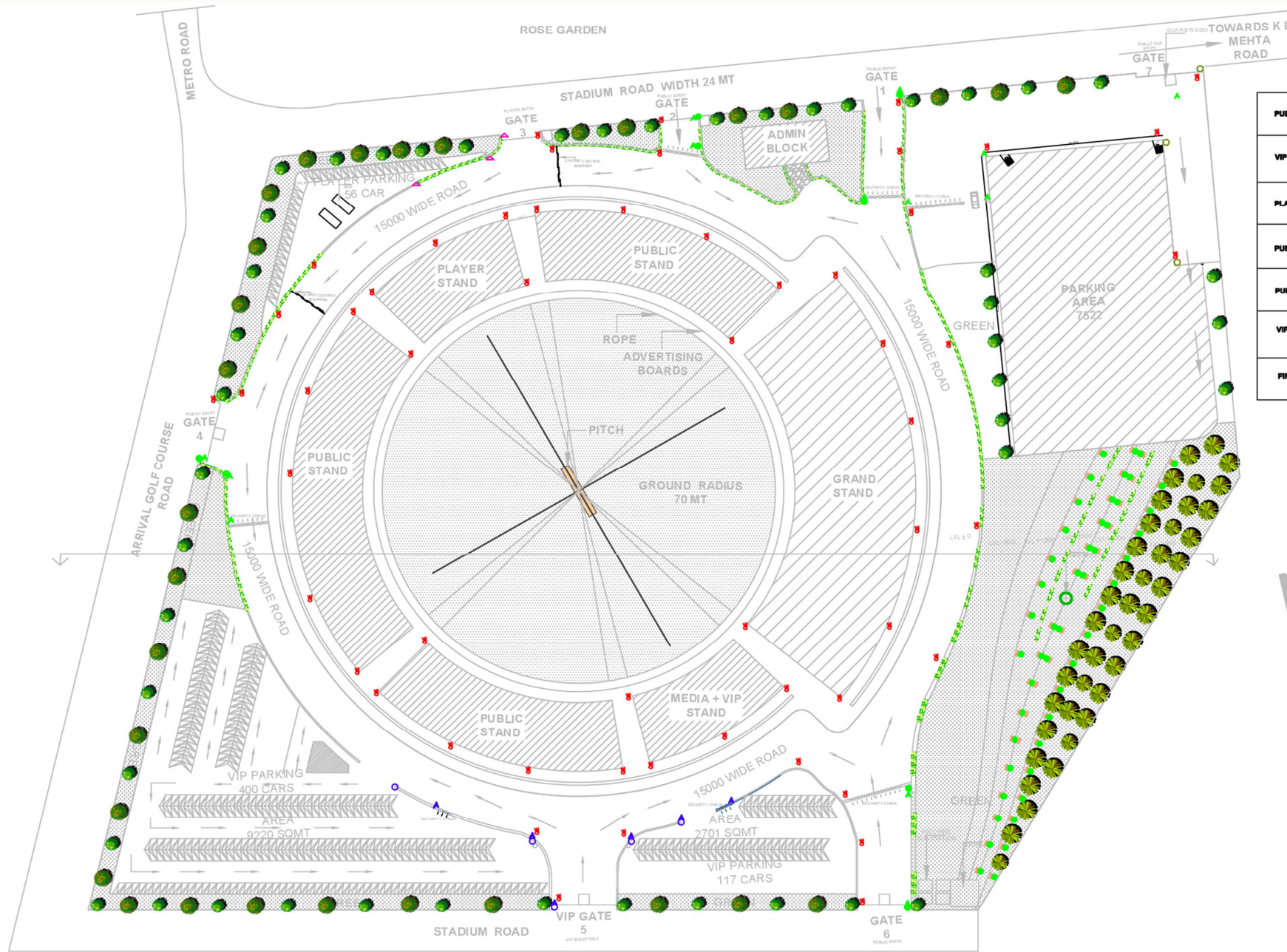


SITE PLAN

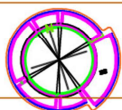
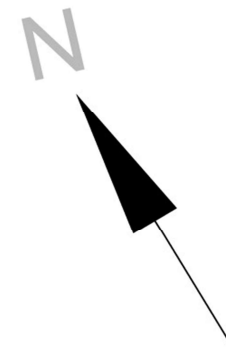
GROUND



FINAL PROPOSALS

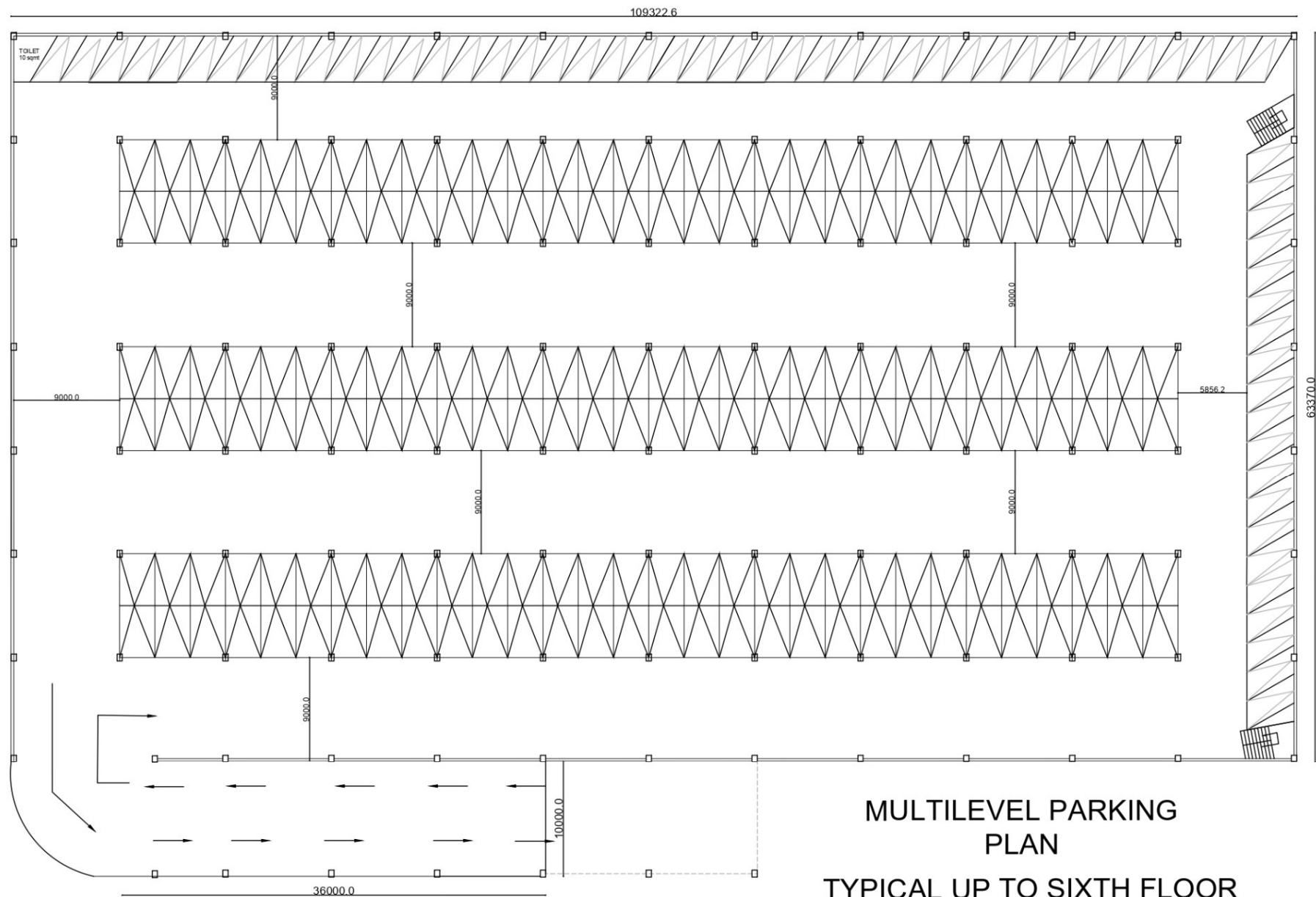


PUBLIC CAR ENTRY/EXIT	
VIP CAR ENTRY/EXIT	
PLAYER CAR ENTRY/EXIT	
PUBLIC ENTRY/EXIT	
PUBLIC SECURITY CHECK	
VIP SECURITY CHECK	
FIRE EXIT	

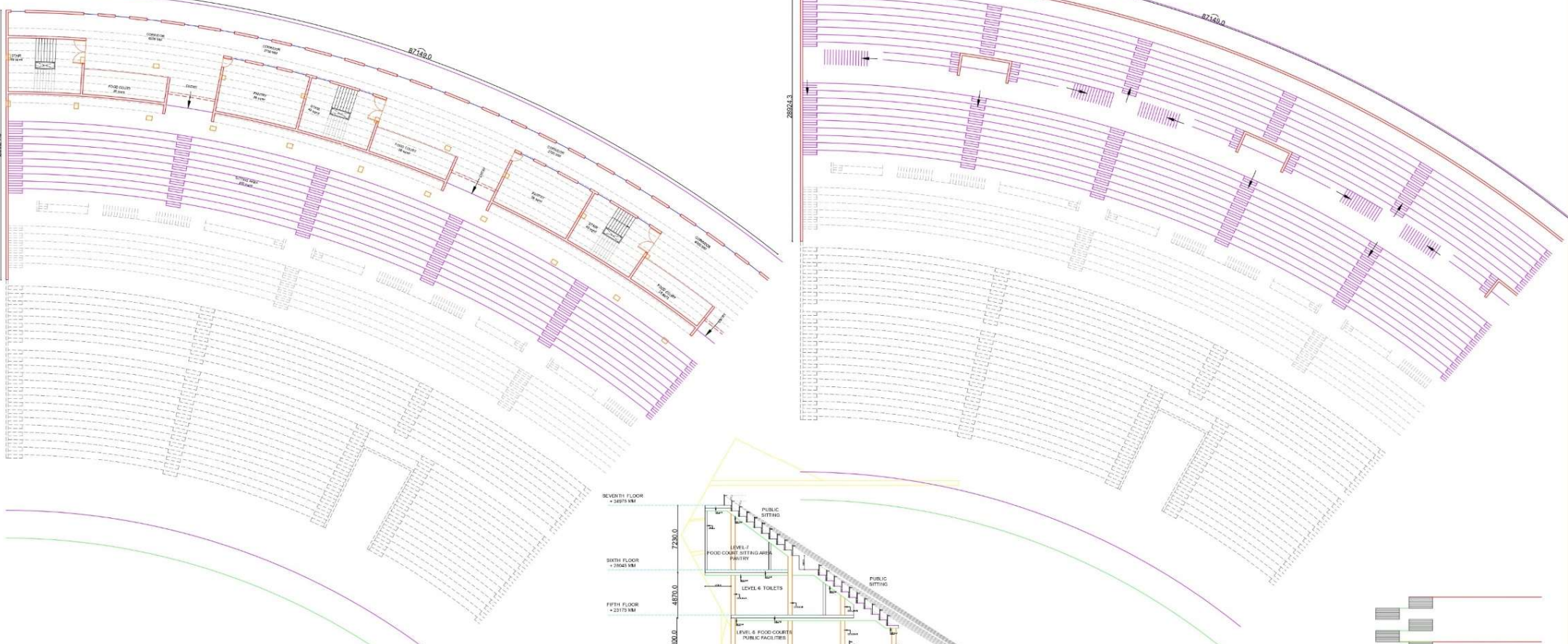


INTERNATIONAL CRICKET STADIUM

AKASH SINGH	DATE	REMARK
AR-THESIS 2019-20		
B-ARCH 5TH YEAR		
BBDU		



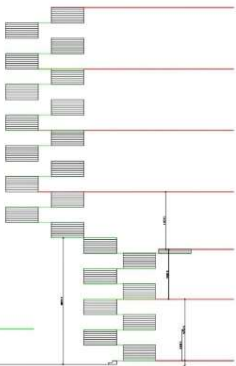
GRAND STAND



LEVEL - 7 (TOP TIER)

FLOOR AREA = 1626 sqmt		
1-FOOD COURT	= 3 @ 26 sqmt	= 78 sqmt
2-SETTING AREA	= 800 sqmt	
3- STAIR	= 3 @ 49 sqmt	= 147 sqmt
4-PANTRY	= 2 @ 58 sqmt	= 116 sqmt
TOTAL AREA	= 1141 sqmt	
CIRCULATION AREA	29% = 485 sqmt	

(TOP PLAN)
1-SETTING AREA = 828 sqmt



GRAND STAND SECTION

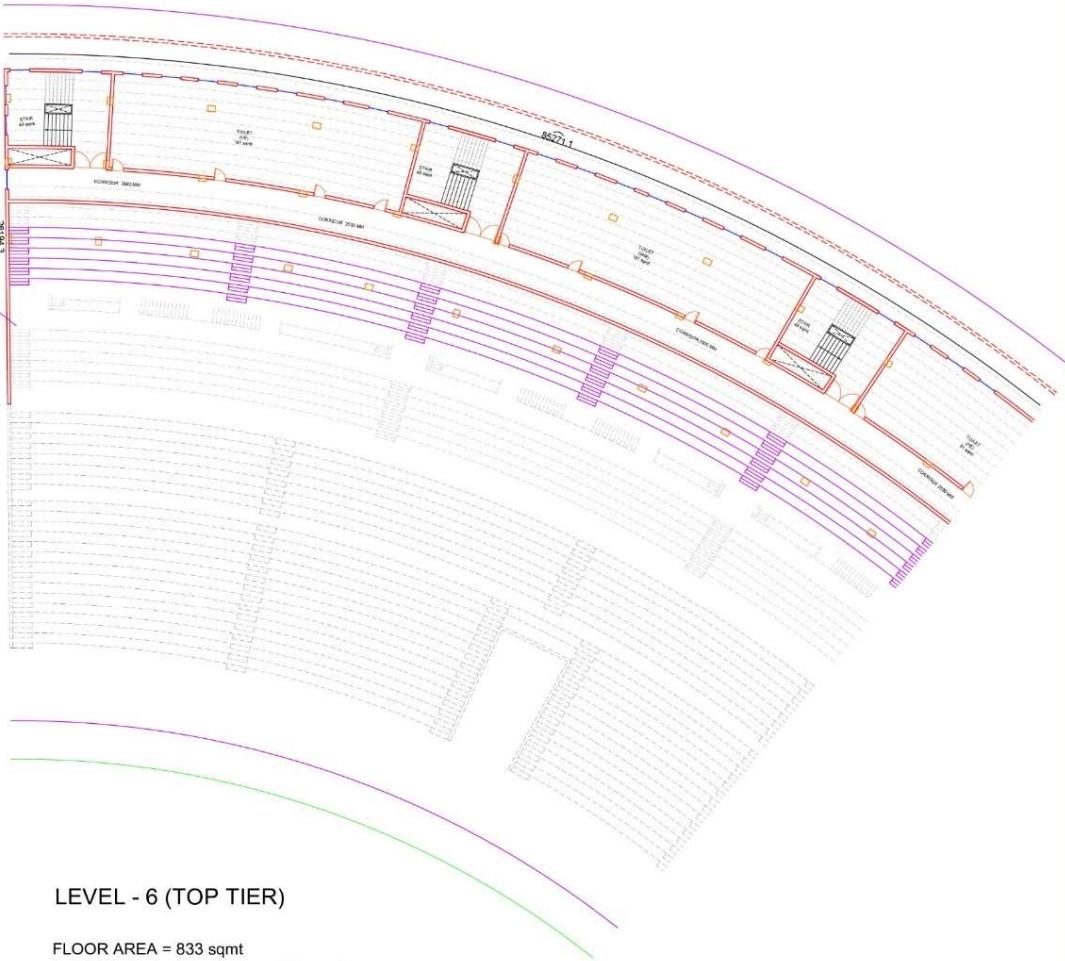
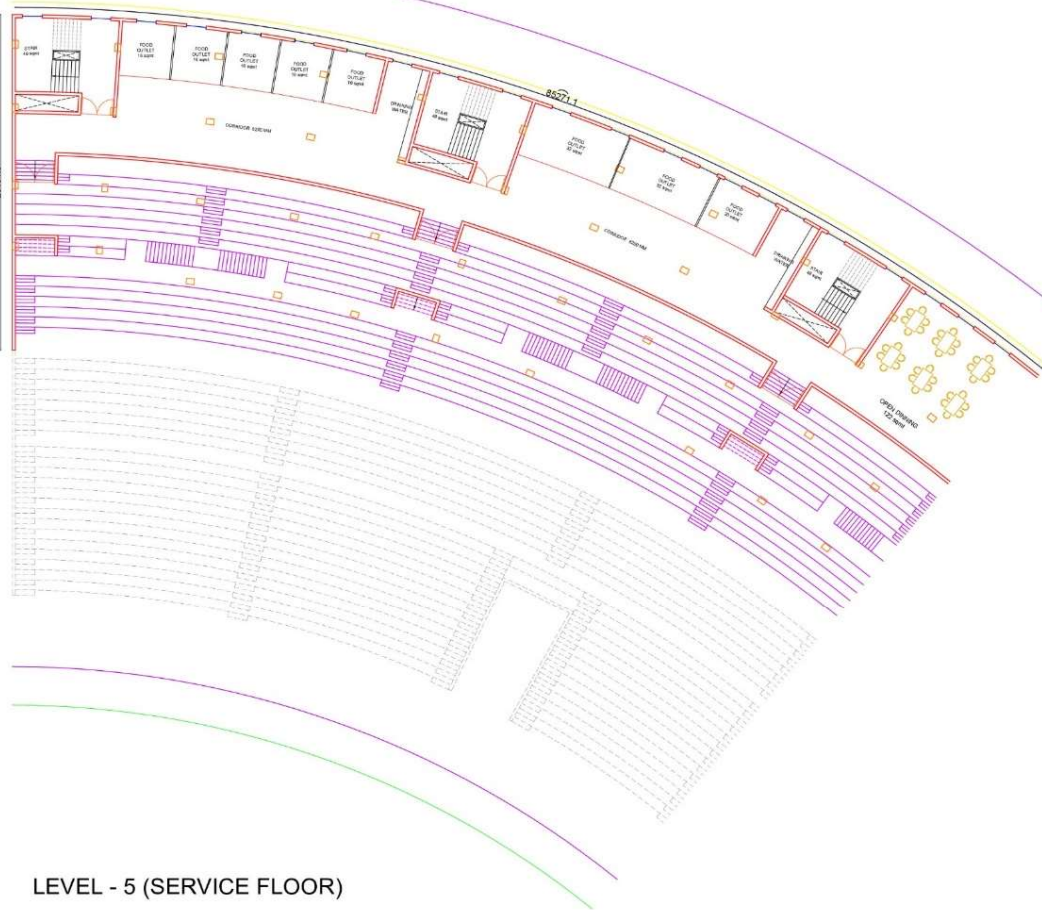
STAIR



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GRAND STAND



LEVEL - 5 (SERVICE FLOOR)

FLOOR AREA = 1990 sqmt

1- STAIR = 3 @ 49 sqmt = 147 sqmt

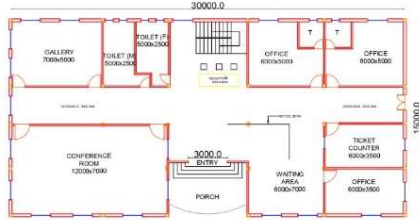
2-FOOD OUTLET = 136 sqmt

3-SETTING = 1116 sqmt

4-OPEN DINNING = 122 sqmt

TOTAL AREA = 1521 sqmt

CIRCULATION AREA 23 % = 469 sqmt



ADMIN BLOCK

LEVEL - 6 (TOP TIER)

FLOOR AREA = 833 sqmt

1- TOILET = 453 sqmt

2- STAIR = 3 @ 49 sqmt = 147 sqmt

TOTAL AREA = 600

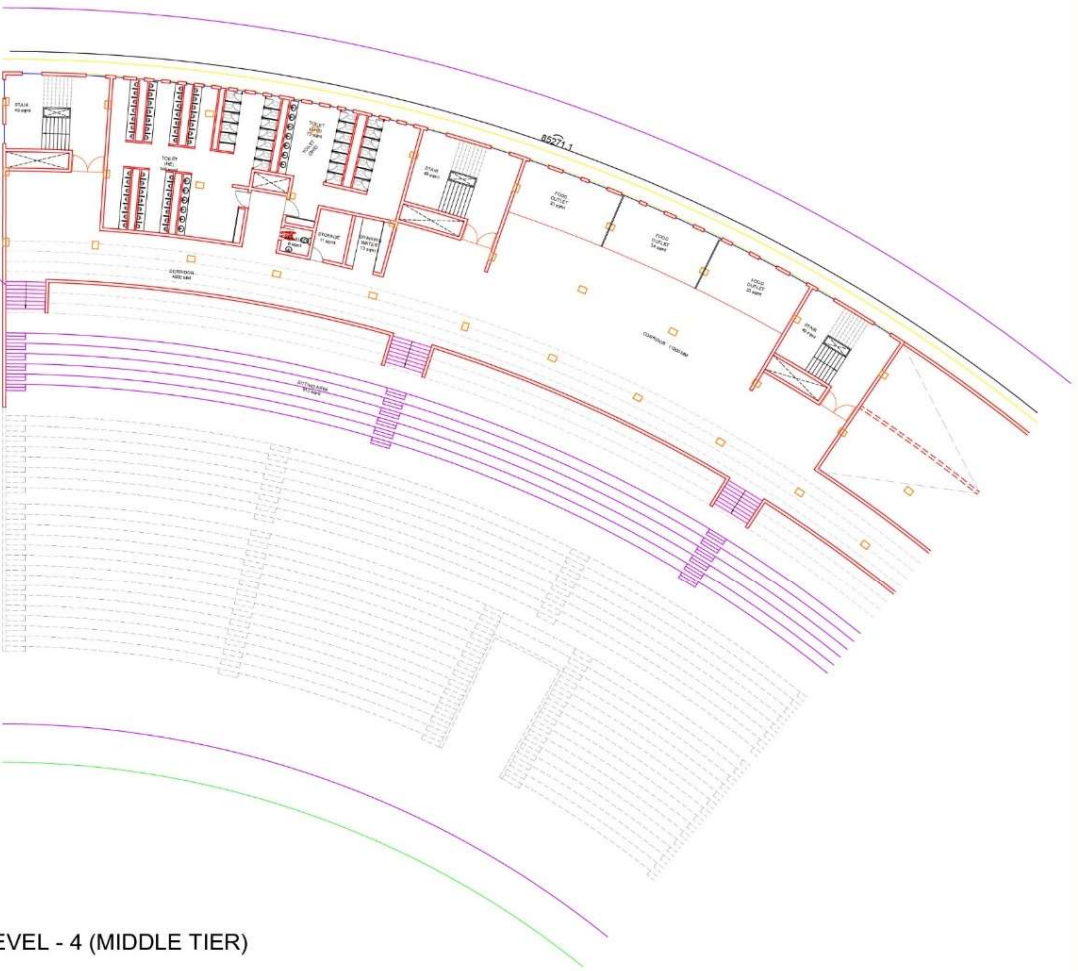
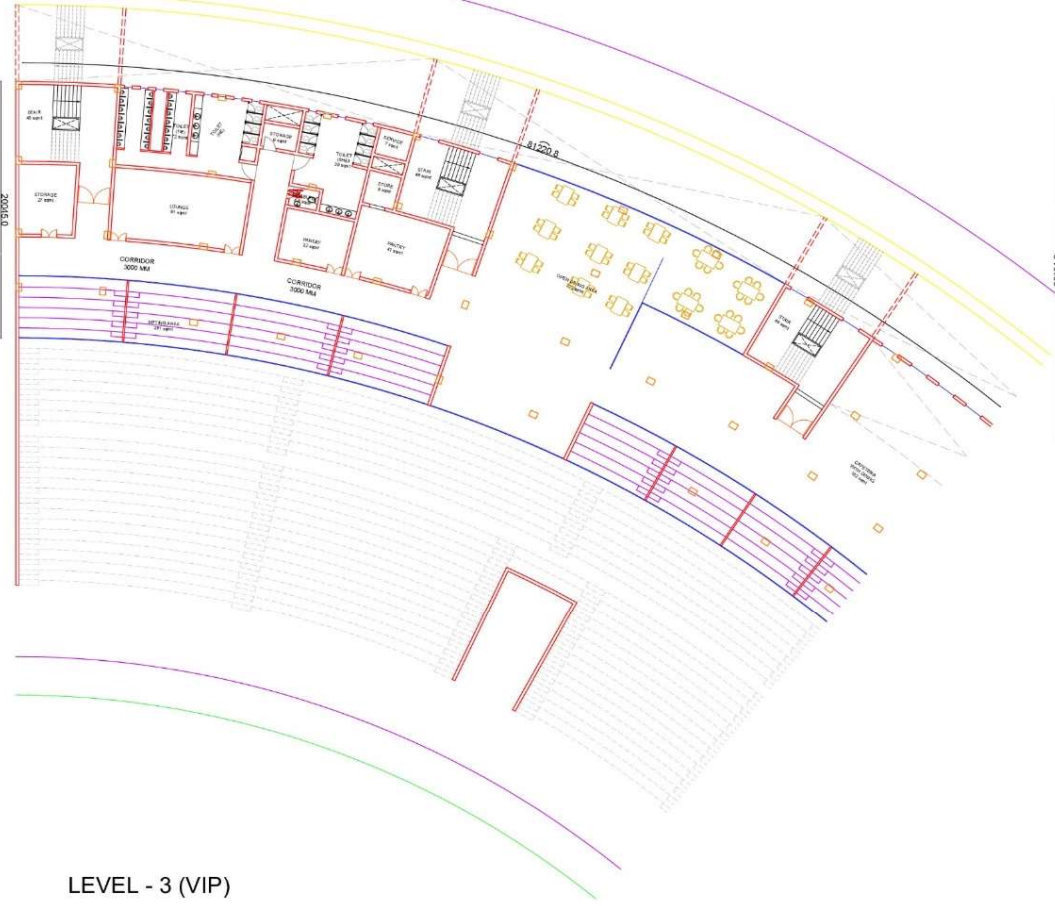
CIRCULATION AREA 27% = 233



INTERNATIONAL CRICKET STADIUM

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GRAND STAND



LEVEL - 3 (VIP)

FLOOR AREA = 1487 sqmt

1- STAIR	= 3 @ 49 sqmt	= 147 sqmt
2- TOILET (HE)	= 72 sqmt	
3-TOILET(SHE)	= 44 sqmt	
4-STORAGE	= 6 sqmt	
5-LOUNGE	= 60 sqmt	
6-PANTRY	= 41sqmt	
7-OPEN DINNING AREA	= 323 sqmt	
8-CAFETERIA WITH DINING	= 162 sqmt	
9- SETTING	= 281 sqmt	
TOTAL AREA	= 1136 sqmt	
CIRCULATION AREA 23%	= 351 sqmt	

LEVEL - 4 (MIDDLE TIER)

FLOOR AREA = 1990 sqmt

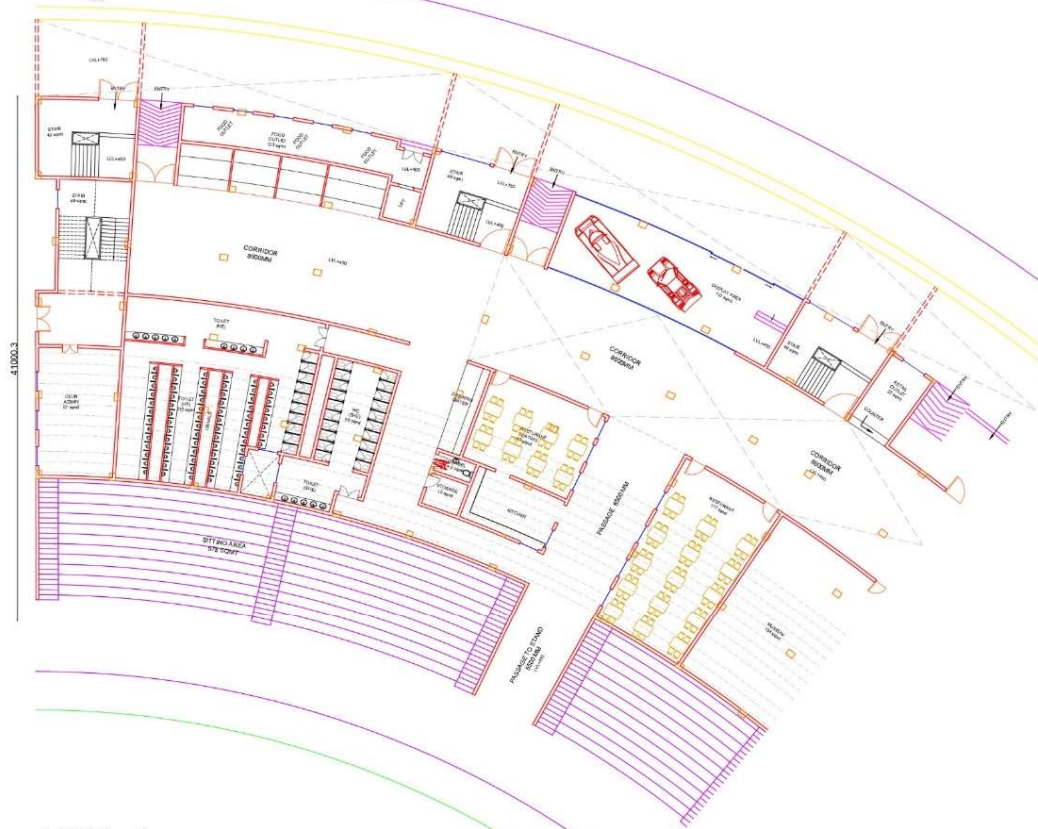
1- STAIR	= 3 @ 49 sqmt	= 147 sqmt
2-FOOD OUTLET	= 136 sqmt	
3-SETTING	= 1116 sqmt	
4-OPEN DINNING	= 122 sqmt	
TOTAL AREA	= 1521 sqmt	
CIRCULATION AREA 23 %	= 469 sqmt	



INTERNATIONAL CRICKET STADIUM

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GRAND STAND



LEVEL - 1

FLOOR AREA = 2743 sqmt	
1-FOOD OUTLET	= 123sqmt
2-TOILET	= 290sqmt
3-STAIR	= 4 @ 49 sqmt =196 sqmt
4-DISPLAY AREA	= 113 sqmt
5-RETAIL OUT LET	= 25 sqmt
6-ENTRY	= 3 @ 87 sqmt
7-MUSEUM	= 264 sqmt
8-RESTURANT	= 219 sqmt
9-CLUB ADMIN	= 67 sqmt
10-SITTING AREA	= 578 sqmt
TOTAL AREA	= 1962 sqmt
CIRCULATION AREA 28% = 781sqmt	

LEVEL - 2 (DORMITORY)

FLOOR AREA =1945 sqmt	
1-STAIR	= 4 @ 49 sqmt = 196 sqmt
2-DORMITORY	= 2 @ 73 sqmt = 146 sqmt
3-MULTIPURPOSE HALL	= 39 sqmt
4-TOILET	= 46 sqmt
5-LAUNDRY ROOM	= 13 sqmt
6-STORAGE	= 10 sqmt
7-KITCHEN WITH DINIG	= 59 sqmt
8-SITTING AREA	= 546 sqmt
TOTAL AREA	= 1055 sqmt
CIRCULATION AREA 45%= 890 sqmt	

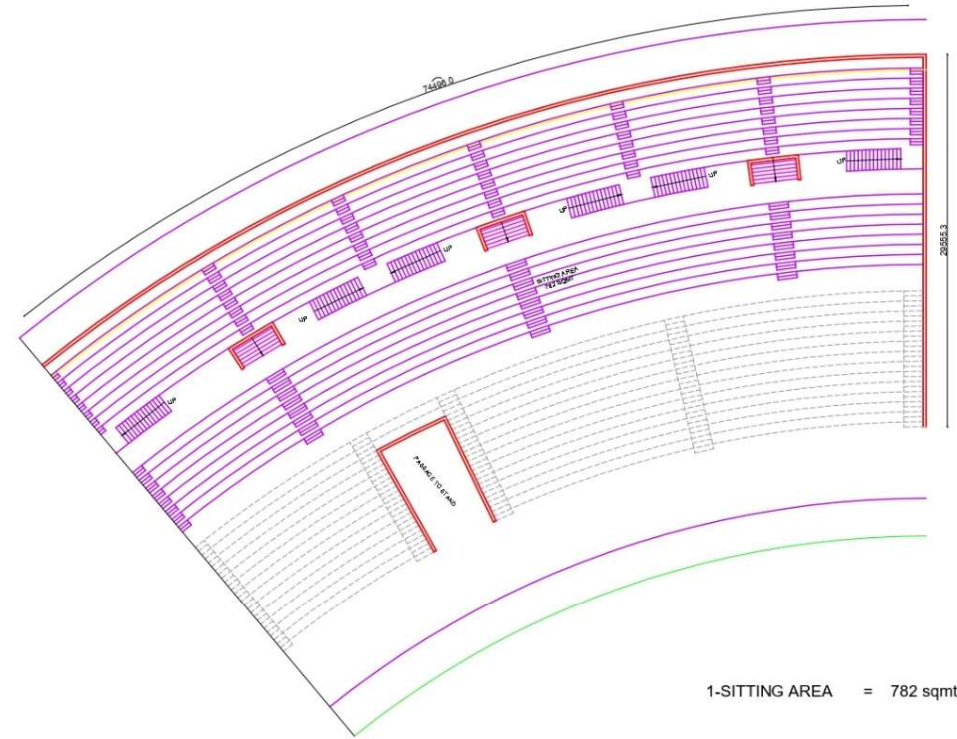
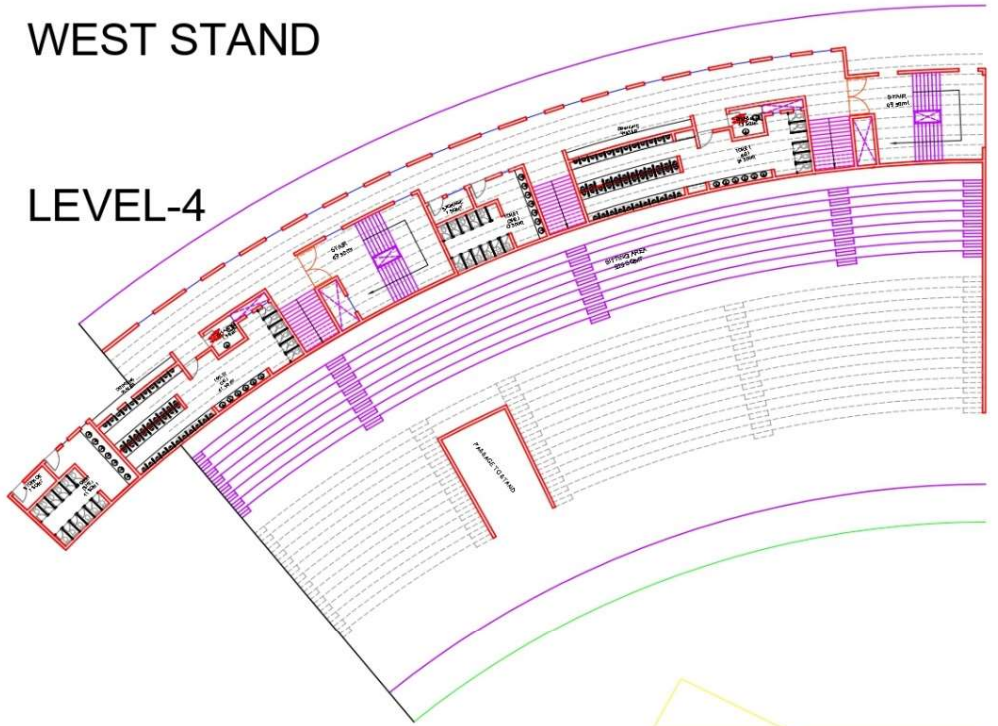


INTERNATIONAL CRICKET STADIUM

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WEST STAND

LEVEL-4



1-SITTING AREA = 782 sqmt

LEVEL-4

FLOOR AREA = 738 sqmt

1-TOILET = 282 sqmt

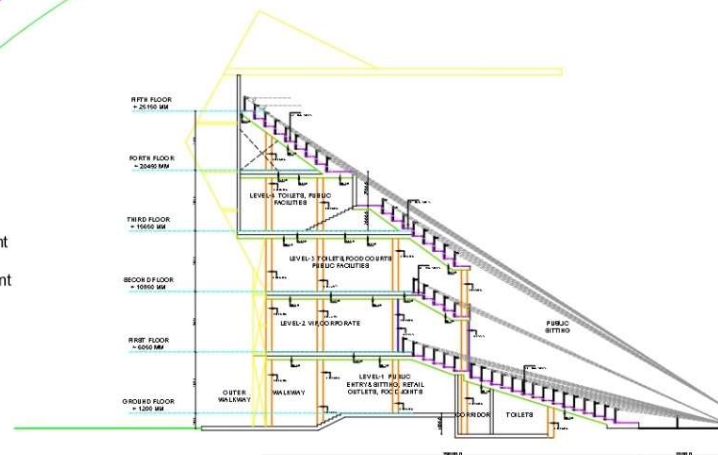
2-STAIR = 2 @ 49 sqmt = 98 sqmt

3-STORE = 7 sqmt

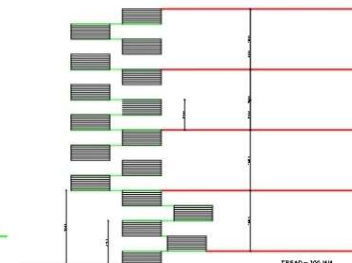
4-ENTRY = 3 @ 15 sqmt = 45 sqmt

TOTAL AREA = 432 sqmt

CIRCULATION AREA 40% = 306 sqmt



WEST STAND SECTION



STAIR

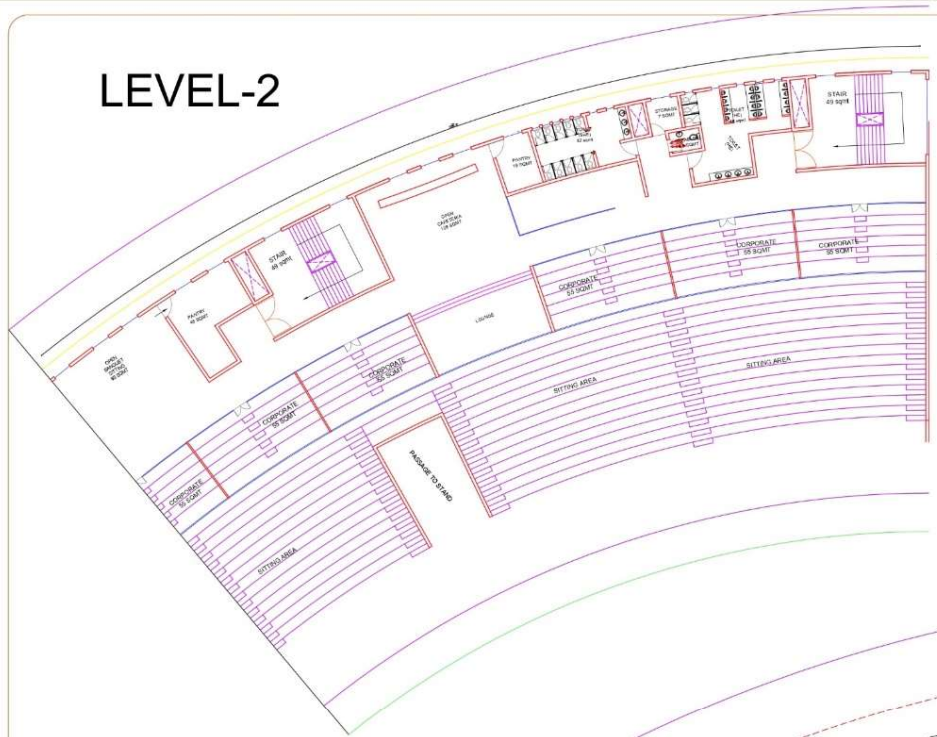
INTERNATIONAL CRICKET STADIUM

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DATE

REMARK

LEVEL-2

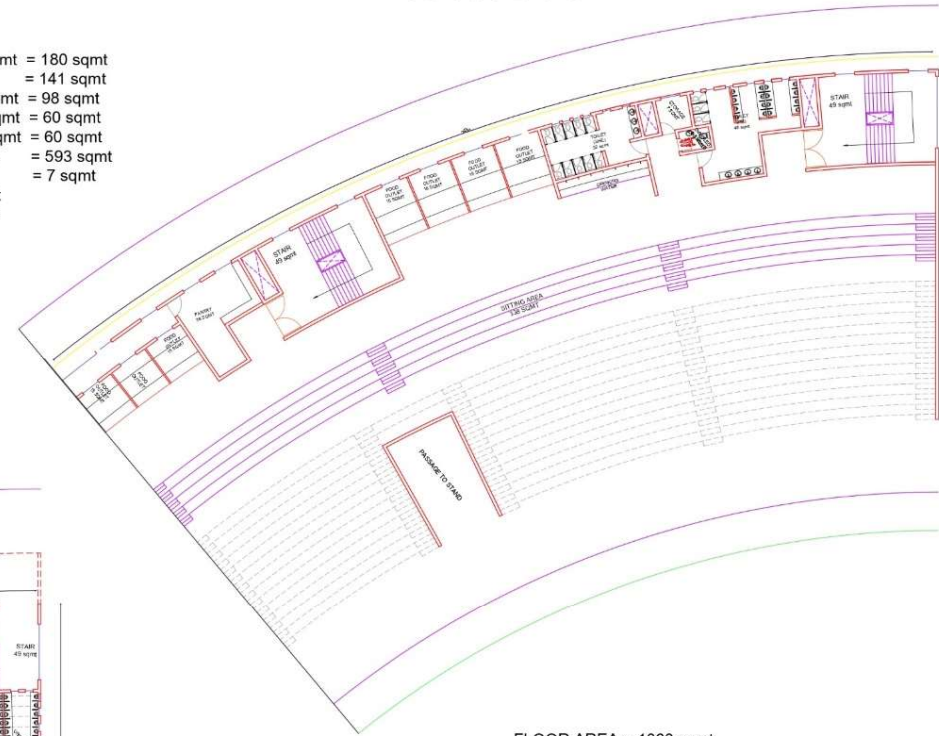


LEVEL-2

FLOOR AREA = 1536 sqmt

1-FOOD OUTLET	= 6 @ 30 sqmt	= 180 sqmt
2-TOILET	= 141 sqmt	= 141 sqmt
3-STAIR	= 2 @ 49 sqmt	= 98 sqmt
4-RETAIL OUT LET	= 3 @ 20 sqmt	= 60 sqmt
5-ENTRY	= 3 @ 20 sqmt	= 60 sqmt
6-SITTING AREA	= 593 sqmt	= 593 sqmt
7-STORE	= 7 sqmt	= 7 sqmt
TOTAL AREA	= 1139 sqmt	
CIRCULATION 25%	= 397 sqmt	

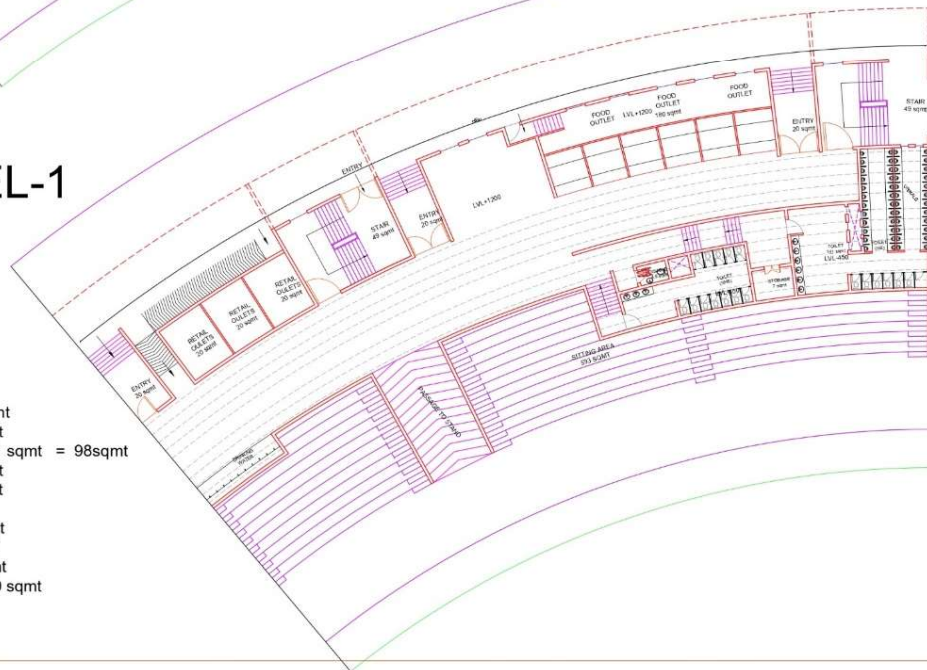
LEVEL-3



FLOOR AREA = 1060 sqmt

1-FOOD OUTLET	= 7 @ 15 sqmt	= 105 sqmt
2-TOILET	= 80 sqmt	
3-STAIR	= 2 @ 49 sqmt	= 98 sqmt
4-PANTRY	= 36 sqmt	
5-SITTING AREA	= 338 sqmt	
6-STORE	= 7 sqmt	
TOTAL AREA	= 664 sqmt	
CIRCULATION AREA 37%	= 396 sqmt	

LEVEL-1



LEVEL-1

FLOOR AREA = 1060 sqmt

1-OPEN CAFETERIA	= 108 sqmt
2-TOILET	= 80 sqmt
3-STAIR	= 2 @ 49 sqmt = 98sqmt
4-PANTRY	= 58 sqmt
5-OPEN BANQUET SITTING	= 60 sqmt
6-SITTING AREA	= 345 sqmt
7-STORE	= 7 SQMT
TOTAL AREA	= 756 sqmt
CIRCULATION AREA 24%	= 260 sqmt

INTERNATIONAL CRICKET STADIUM

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DATE

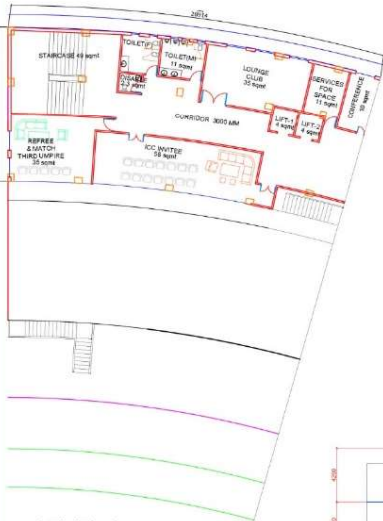
REMARK

NORTH STAND

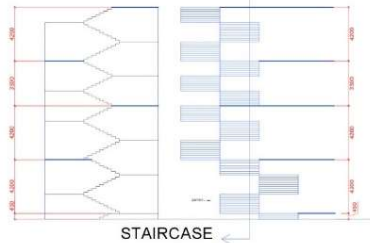
GROUND FLOOR PLAN

FLOOR AREA = 479 sqmt	
1- DINNING AREA	= 34 sqmt
2- CONFERENCE ROOM	= 54 sqmt
3- TOILET	= 33 sqmt
4- LOUNGE	= 72 sqmt
5- CHECK IN SECURITY	= 18 sqmt
6- LIFT	= 2 @ 4 sqmt = 8 sqmt
7- SERVICES FOR SPACE	= 25 sqmt
8- OFFICE CORRUPTION	= 36 sqmt
9- KITCHEN	= 25 sqmt
10- STAIR	= 49 sqmt
TOTAL	= 354 sqmt
CIRCULATION AREA 26%	= 125 sqmt

LEVEL-1



LEVEL-4

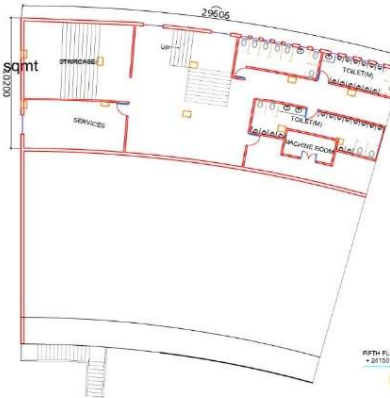


STAIRCASE

THIRD FLOOR PLAN

FLOOR AREA = 328 sqmt	
1- LOUNGE CLUB	= 35 sqmt
2- LIFT	= 2 @ 4 sqmt = 8 sqmt
3- TOILET	= 19 sqmt
4- SERVICES FOR SPACE	= 11 sqmt
5- REFREE	= 35 sqmt
6- CONFERENCE ROOM	= 10 sqmt
7- ICC INVITEEE	= 58 sqmt
8- STAIR	= 49 sqmt
TOTAL AREA	= 225 sqmt
CIRCULATION AREA 31%	= 103 sqmt

LEVEL-2

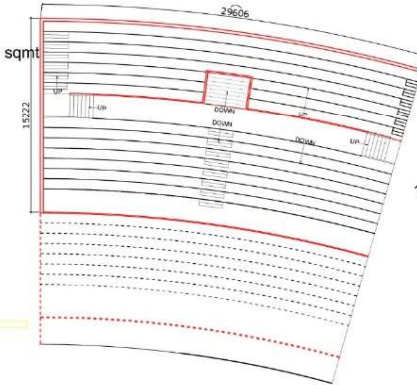


LEVEL-5

FIRST FLOOR PLAN

FLOOR AREA = 592 sqmt	
1- GYM	= 27 sqmt
2- MASSAGE ROOM	= 19 sqmt
3- TOILET	= 45 sqmt
4- MEDICAL ROOM	= 13 sqmt
5- PANTRY	= 15 sqmt
6- LIFT	= 2 @ 4 sqmt = 8 sqmt
7- DINNING AREA	= 34 sqmt
8- DRESSING ROOM	= 31 sqmt
9- STEAM SAUNA SPA	= 51 sqmt
10- VISITORS TEAM	= 39 sqmt
11- STAIR	= 49 sqmt
12- SITTING AREA	= 56 sqmt
TOTAL	= 387 sqmt
CIRCULATION AREA 34%	= 205 sqmt

LEVEL-3



SECOND FLOOR PLAN

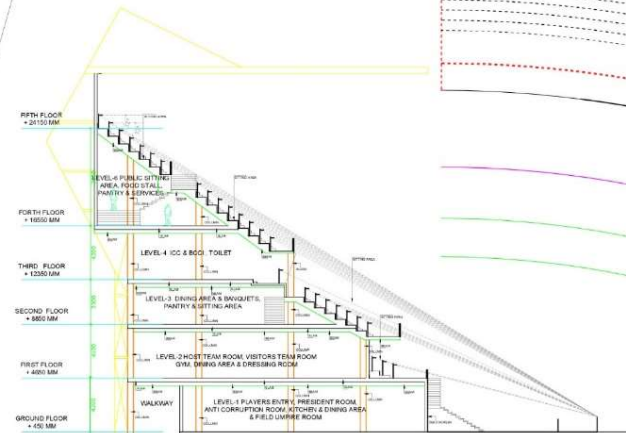
FLOOR AREA = 592 sqmt	
1- LOUNGE	= 87 sqmt
2- LIFT	= 2 @ 4 sqmt = 8 sqmt
3- TOILET	= 53 sqmt
4- SITTING AREA	= 193 sqmt
5- PANTRY	= 16 sqmt
6- STAIR	= 49 sqmt
TOTAL AREA	= 406 sqmt
CIRCULATION AREA 31%	= 186 sqmt

FOURTH FLOOR PLAN

FLOOR AREA = 288 sqmt	
1- LIFT	= 2 @ 4 sqmt = 8 sqmt
2- TOILET	= 55 sqmt
3- SERVICES	= 30 sqmt
4- STAIR	= 49 sqmt
TOTAL AREA	= 142 sqmt
CIRCULATION AREA 50%	= 146 sqmt

1-SITTING AREA = 419 sqmt

TOP SITTING LEVEL PLAN



SOUTH STAND SECTION



INTERNATIONAL CRICKET STADIUM

AKASH SINGH
AR-THESIS 2019-20
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BBDU

DATE

REMARK

LEVEL-2

LEVEL-2

FLOOR AREA = 1536 sqmt

- 1-FOOD OUTLET = 6 @ 30 sqmt = 180 sqmt
- 2-TOILET = 141 sqmt = 141 sqmt
- 3-STAIR = 2 @ 49 sqmt = 98 sqmt
- 4-RETAIL OUT LET = 3 @ 20 sqmt = 60 sqmt
- 5-ENTRY = 3 @ 20 sqmt = 60 sqmt
- 6-SITTING AREA = 593 sqmt = 593 sqmt
- 7-STORE = 7 sqmt = 7 sqmt

TOTAL AREA = 1139 sqmt
CIRCULATION 25% = 397 sqmt

LEVEL-3

FLOOR AREA = 1060 sqmt

- 1-FOOD OUTLET = 7 @ 15 sqmt = 105 sqmt
- 2-TOILET = 80 sqmt
- 3-STAIR = 2 @ 49 sqmt = 98 sqmt
- 4-PANTRY = 36 sqmt
- 5-SITTING AREA = 338 sqmt
- 6- STORE = 7 sqmt

TOTAL AREA = 664 sqmt
CIRCULATION AREA 37% = 396 sqmt

LEVEL-1

LEVEL-1

FLOOR AREA = 1060 sqmt

- 1-OPEN CAFETERIA = 108 sqmt
- 2-TOILET = 80 sqmt
- 3-STAIR = 2 @ 49 sqmt = 98sqmt
- 4-PANTRY = 58 sqmt
- 5-OPEN BANQUET = 60 sqmt
- SITTING
- 6-SITTING AREA = 345 sqmt
- 7-STORE = 7 SQMT

TOTAL AREA = 756 sqmt
CIRCULATION AREA 24% = 260 sqmt

INTERNATIONAL CRICKET STADIUM

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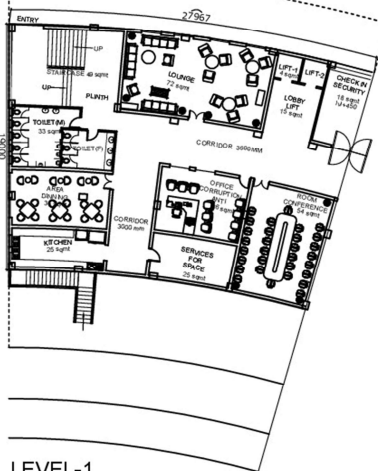
DATE

REMARK

NORTH STAND

GROUND FLOOR PLAN

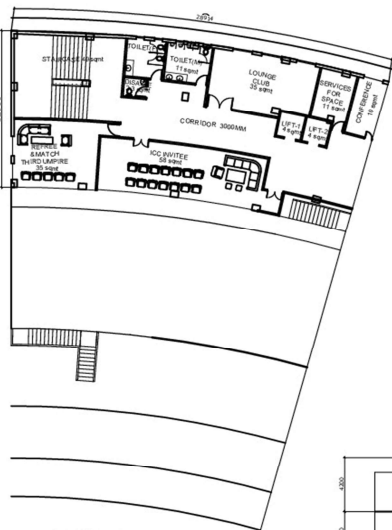
FLOOR AREA = 479 sqmt	
1- DINNING AREA	= 34 sqmt
2- CONFERENCE ROOM	= 54 sqmt
3- TOILET	= 33 sqmt
4- LOUNGE	= 72 sqmt
5- CHECK IN SECURITY	= 18 sqmt
6- LIFT	= 2 @ 4 sqmt = 8 sqmt
7- SERVICES FOR SPACE	= 25 sqmt
8- OFFICE CORRUPTION	= 36 sqmt
9- KITCHEN	= 25 sqmt
10- STAIR	= 49 sqmt
TOTAL	= 354 sqmt
CIRCULATION AREA 26%	= 125 sqmt



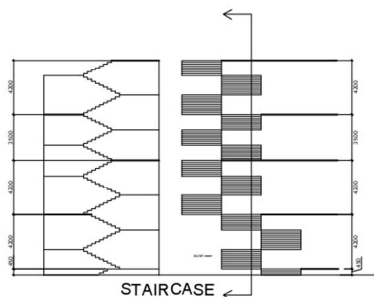
LEVEL-1

THIRD FLOOR PLAN

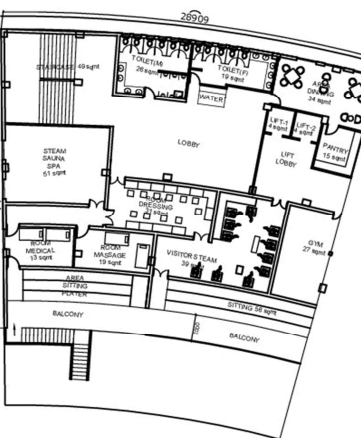
FLOOR AREA = 328 sqmt	
1- LOUNGE CLUB	= 35 sqmt
2- LIFT	= 2 @ 4 sqmt = 8 sqmt
3- TOILET	= 19 sqmt
4- SERVICES FOR SPACE	= 11 sqmt
5- REFREE	= 35 sqmt
6- CONFERENCE ROOM	= 10 sqmt
7- ICC INVITEE	= 58 sqmt
8- STAIR	= 49 sqmt
TOTAL AREA	= 225 sqmt
CIRCULATION AREA 31%	= 103 sqmt



LEVEL-4



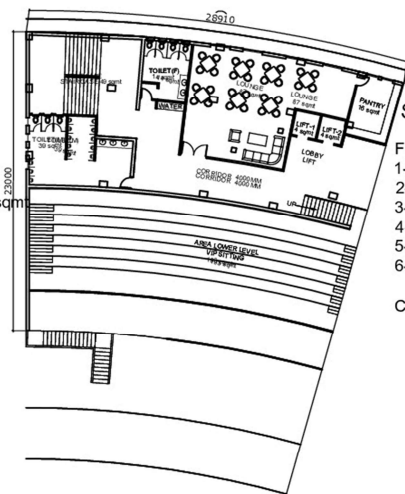
STAIRCASE



LEVEL-2

FIRST FLOOR PLAN

FLOOR AREA = 592 sqmt	
1- GYM	= 27 sqmt
2- MASSAGE ROOM	= 19 sqmt
3- TOILET	= 45 sqmt
4- MEDICAL ROOM	= 13 sqmt
5- PANTRY	= 15 sqmt
6- LIFT	= 2 @ 4 sqmt = 8 sqmt
7- DINNING AREA	= 34 sqmt
8- DRESSING ROOM	= 31 sqmt
9- STEAM SAUNA SPA	= 51 sqmt
10- VISITORS TEAM	= 39 sqmt
11- STAIR	= 49 sqmt
12- SITTING AREA	= 56 sqmt
TOTAL	= 387 sqmt
CIRCULATION AREA 34%	= 205 sqmt



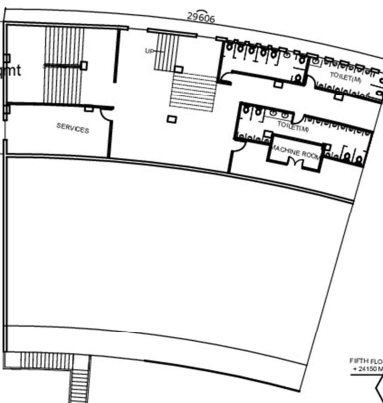
LEVEL-3

SECOND FLOOR PLAN

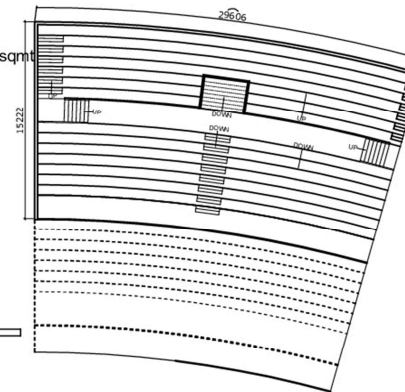
FLOOR AREA = 592 sqmt	
1- LOUNGE	= 87 sqmt
2- LIFT	= 2 @ 4 sqmt = 8 sqmt
3- TOILET	= 53 sqmt
4- SITTING AREA	= 193 sqmt
5- PANTRY	= 16 sqmt
6- STAIR	= 49 sqmt
TOTAL AREA	= 406 sqmt
CIRCULATION AREA 31%	= 186 sqmt

FOURTH FLOOR PLAN

FLOOR AREA = 288 sqmt	
1- LIFT	= 2 @ 4 sqmt = 8 sqmt
2- TOILET	= 55 sqmt
3- SERVICES	= 30 sqmt
4- STAIR	= 49 sqmt
TOTAL AREA	= 142 sqmt
CIRCULATION AREA 50%	= 146 sqmt

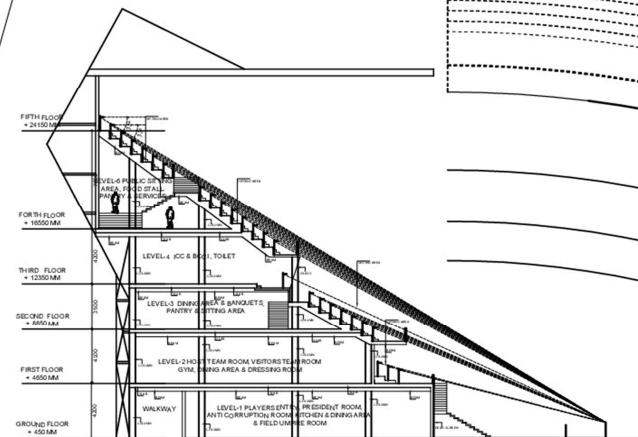


LEVEL-5



1-SITTING AREA = 419 sqmt

TOP SITTING LEVEL PLAN



SOUTH STAND SECTION

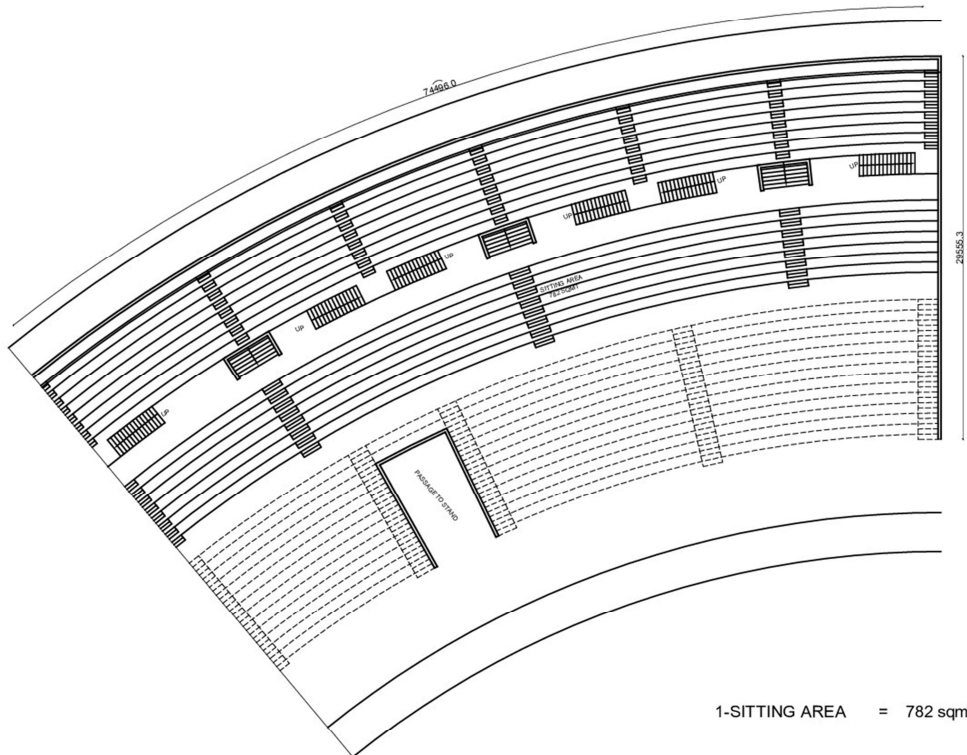
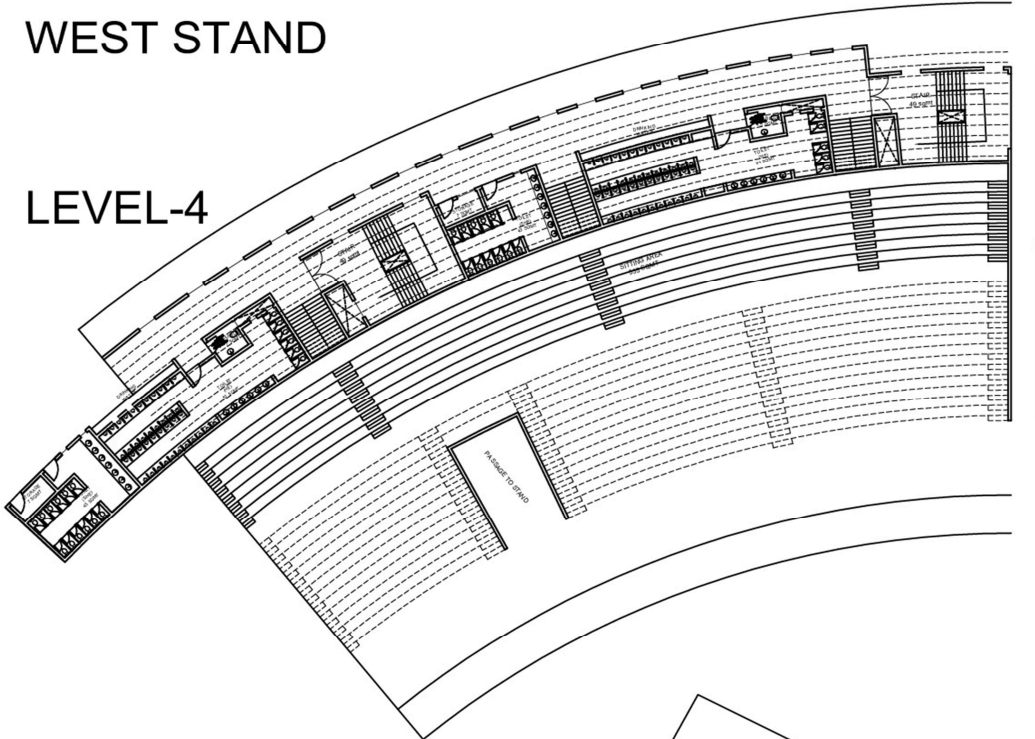


INTERNATIONAL CRICKET STADIUM

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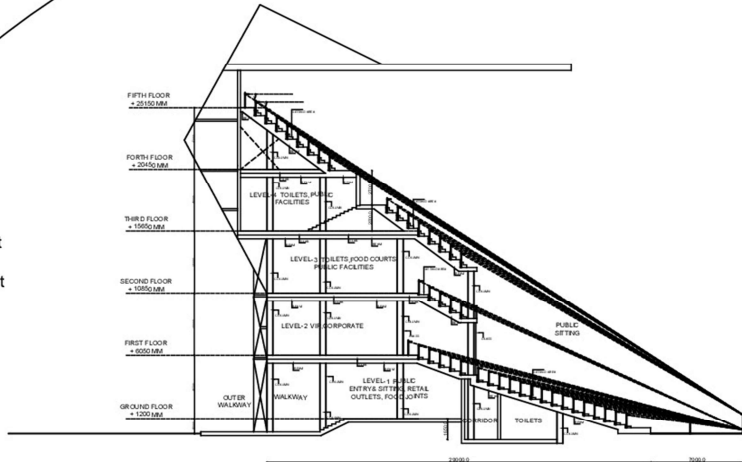
WEST STAND

LEVEL-4

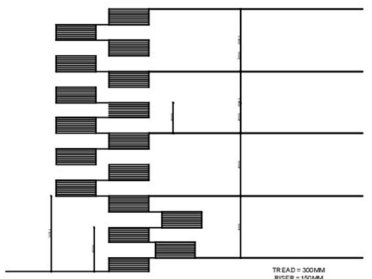


1-SITTING AREA = 782 sqmt

- LEVEL-4
FLOOR AREA = 738 sqmt
1-TOILET = 282 sqmt
2-STAIR = 2 @ 49 sqmt = 98 sqmt
3- STORE = 7 sqmt
4-ENTRY = 3 @ 15 sqmt = 45 sqmt
TOTAL AREA = 432 sqmt
CIRCULATION AREA 40% = 306 sqmt



WEST STAND SECTION

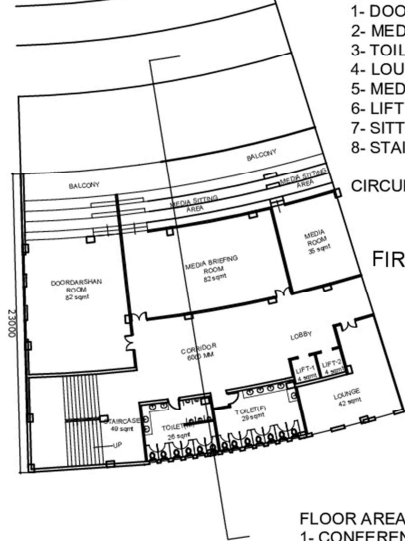


STAIR

INTERNATIONAL CRICKET STADIUM

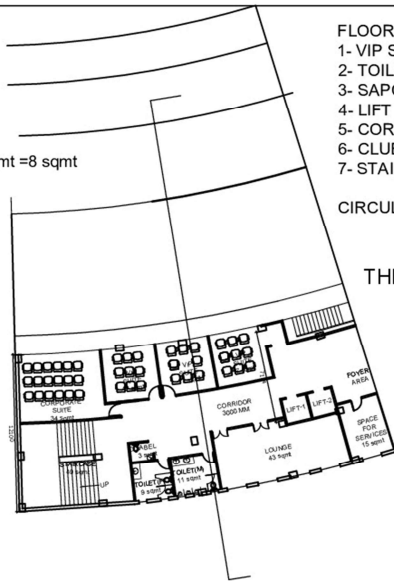
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SOUTH STAND



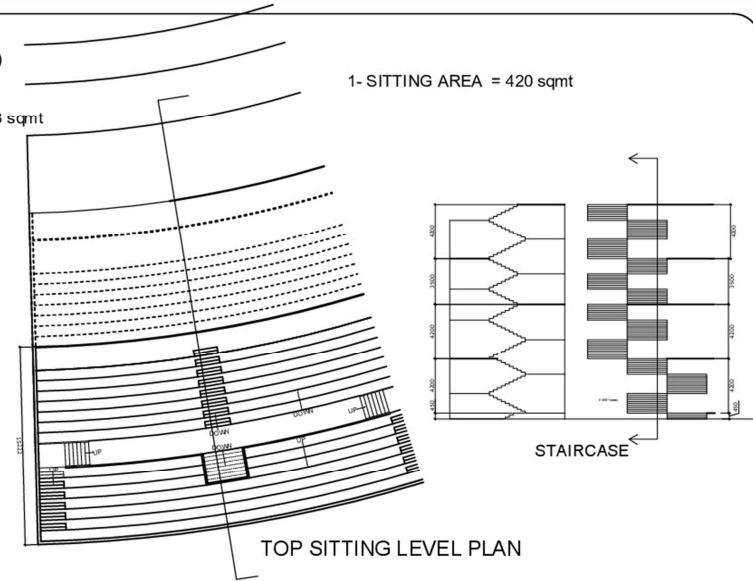
- FLOOR AREA = 592 sqm
- 1- DOORDARSHAN ROOM
 - 2- MEDIA BRIEFING ROOM
 - 3- TOILET
 - 4- LOUNGE
 - 5- MEDIA ROOM
 - 6- LIFT
 - 7- SITTING AREA
 - 8- STAIR
- TOTAL AREA = 425 sqm
- CIRCULATION AREA 28%
- = 82 sqm
= 82 sqm
= 57 sqm
= 42 sqm
= 35 sqm
= 2 @ 4 sqm = 8 sqm
= 70 sqm
= 49 sqm
= 425 sqm
= 167 sqm

LEVEL-2
FIRST FLOOR PLAN

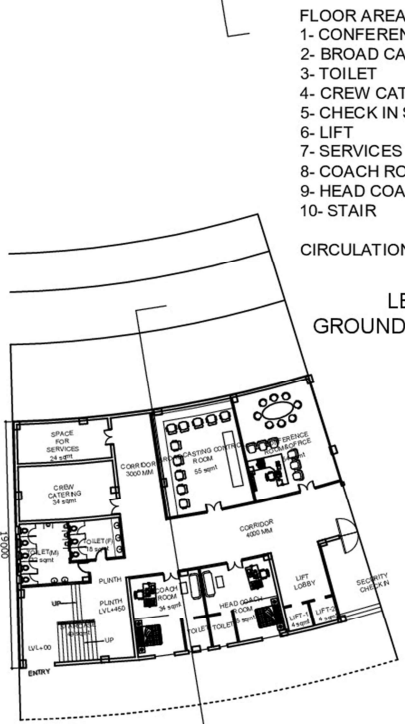


- FLOOR AREA = 330 sqm
- 1- VIP SUITE
 - 2- TOILET
 - 3- SPACE FOR SERVICES
 - 4- LIFT
 - 5- CORPORATE SUITE
 - 6- CLUB LOUNGE
 - 7- STAIR
- TOTAL AREA = 220
- CIRCULATION AREA 33% = 110 sqm
- = 3 @ 17 sqm (50)
= 21 sqm
= 15 sqm
= 2 @ 4 sqm = 8 sqm
= 34 sqm
= 43 sqm
= 49 sqm

LEVEL-4
THIRD FLOOR PLAN

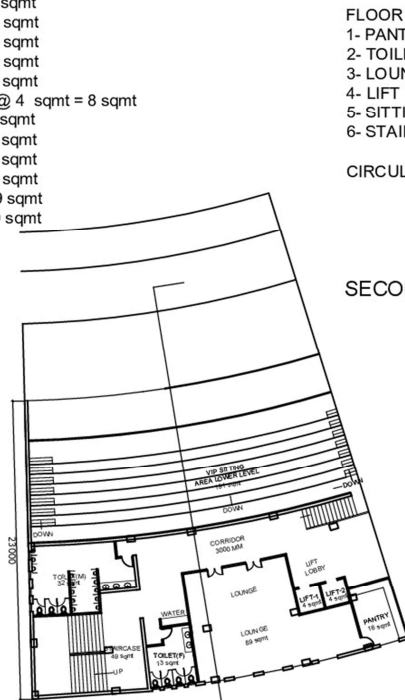


TOP SITTING LEVEL PLAN



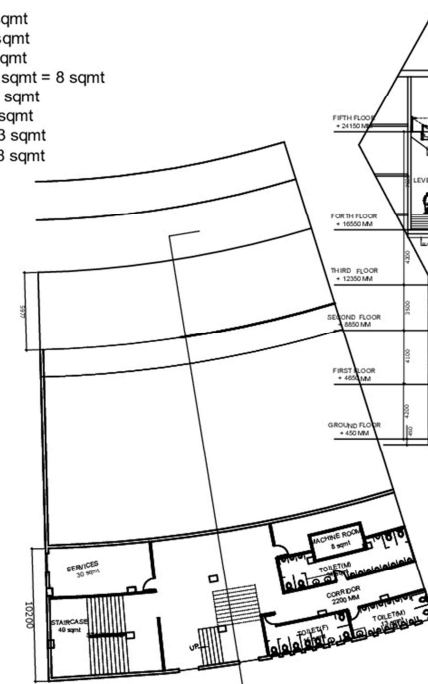
- FLOOR AREA = 479 sqm
- 1- CONFERENCE ROOM
 - 2- BROADCASTING CONTROL ROOM
 - 3- TOILET
 - 4- CREW CATERING
 - 5- CHECK IN SECURITY
 - 6- LIFT
 - 7- SERVICES FOR SPACE
 - 8- COACH ROOM
 - 9- HEAD COACH ROOM
 - 10- STAIR
- TOTAL AREA = 349 sqm
- CIRCULATION AREA 27% = 130 sqm
- = 54 sqm
= 55 sqm
= 36 sqm
= 34 sqm
= 19 sqm
= 2 @ 4 sqm = 8 sqm
= 25 sqm
= 34 sqm
= 35 sqm
= 49 sqm
= 349 sqm
= 130 sqm

LEVEL-1
GROUND FLOOR PLAN



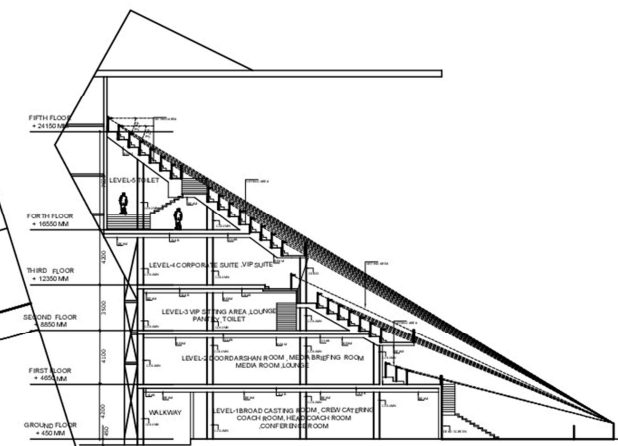
- FLOOR AREA = 521 sqm
- 1- PANTRY
 - 2- TOILET
 - 3- LOUNGE
 - 4- LIFT
 - 5- SITTING AREA
 - 6- STAIR
- TOTAL AREA = 403 sqm
- CIRCULATION AREA 22% = 118 sqm
- = 16 sqm
= 50 sqm
= 89 sqm
= 2 @ 4 sqm = 8 sqm
= 191 sqm
= 49 sqm

LEVEL-3
SECOND FLOOR PLAN



- FLOOR AREA = 289 sqm
- 1- SERVICES
 - 2- TOILET
 - 4- LIFT
 - 5- STAIR
- TOTAL AREA = 137 sqm
- CIRCULATION AREA 25% = 152 sqm
- = 30 sqm
= 50 sqm
= 2 @ 4 sqm = 8 sqm
= 49 sqm

LEVEL-5
FOURTH FLOOR PLAN

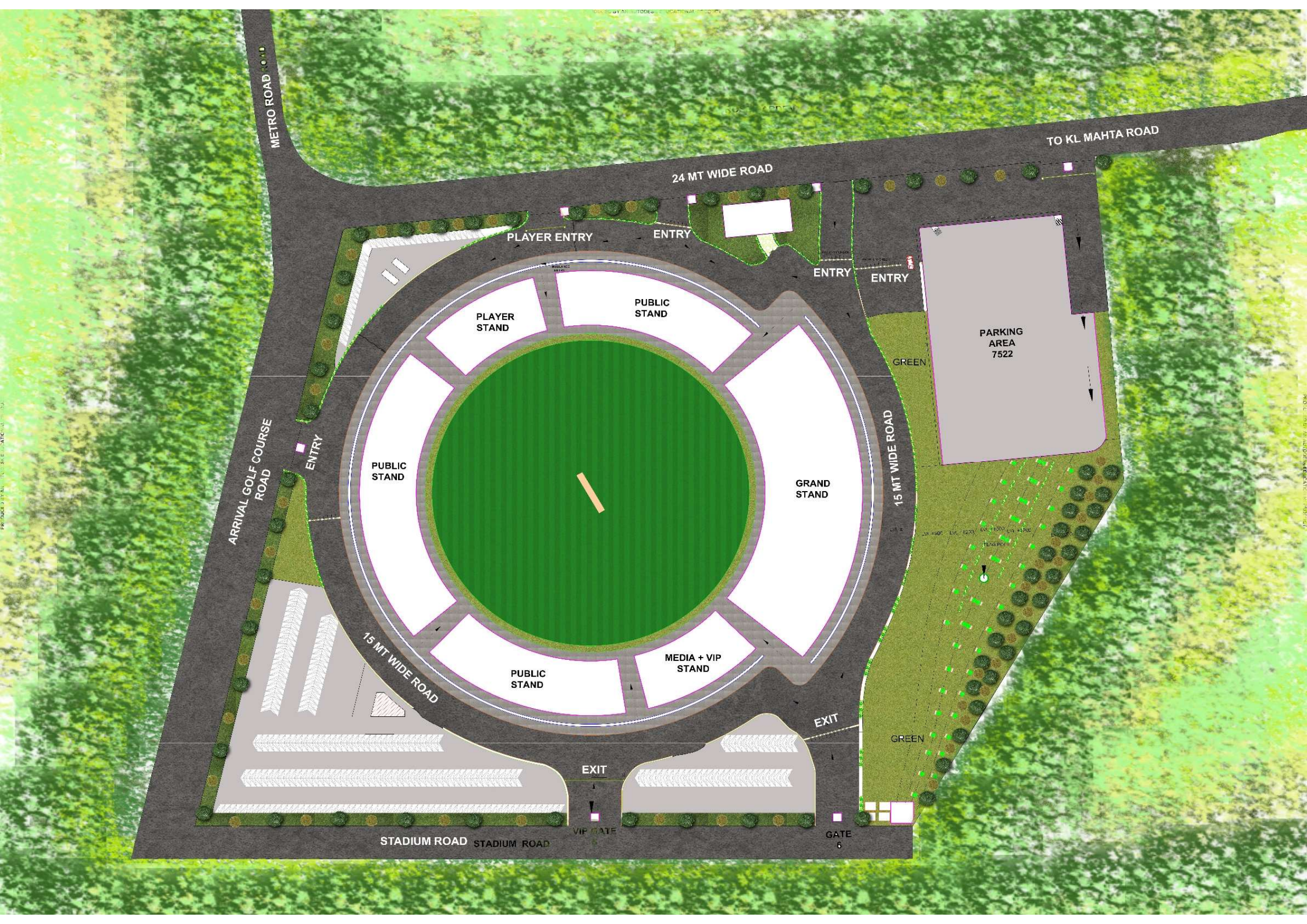


NORTH STAND SECTION



INTERNATIONAL CRICKET STADIUM

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METRO ROAD

TO KL MAHTA ROAD

24 MT WIDE ROAD

PLAYER ENTRY

ENTRY

ENTRY

ENTRY

PLAYER STAND

PUBLIC STAND

PUBLIC STAND

GRAND STAND

PUBLIC STAND

MEDIA + VIP STAND

ARRIVAL GOLF COURSE ROAD

ENTRY

15 MT WIDE ROAD

15 MT WIDE ROAD

PARKING AREA 7522

GREEN

GREEN

EXIT

EXIT

VIP GATE

GATE 6

STADIUM ROAD

ELECTIVE DRAWINGS

NORTH-EAST STAND

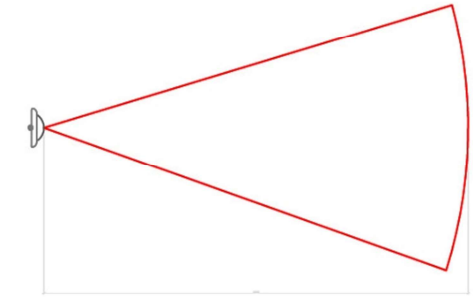
LEVEL-2

LEVEL-4

LEVEL-1

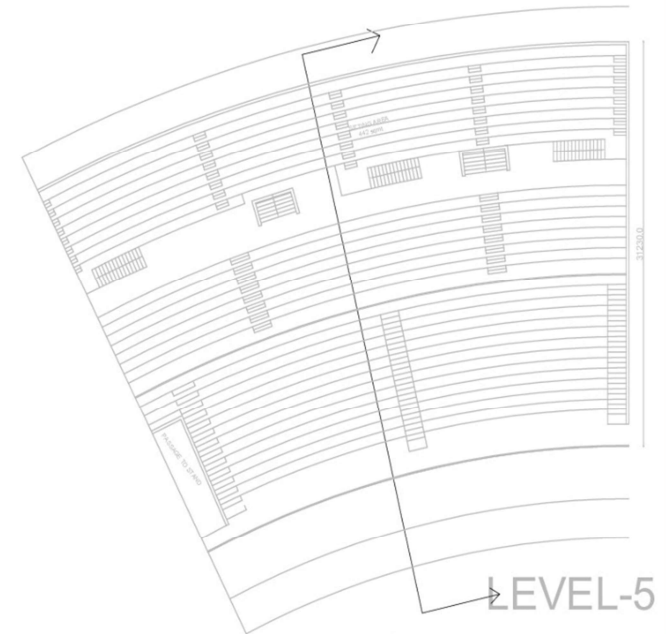
LEVEL-3

LEVEL-5



Sony SNCCH180 IP Camera
Night Vision

Resolution-14 megapixels
3.6mm lens
Vision angle: 85.4-31.2
Distance: 10 meters

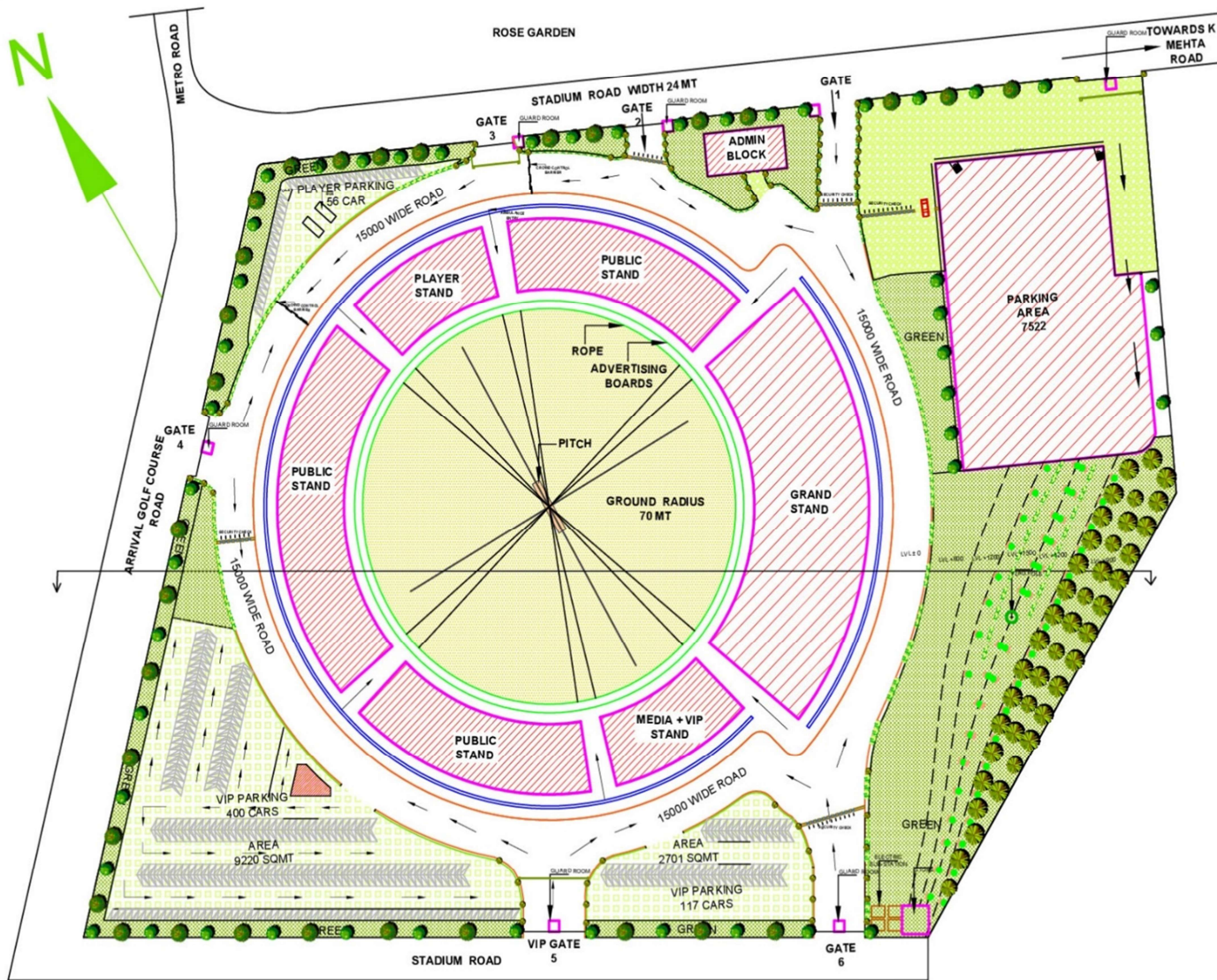







INTERNATIONAL CRICKET STADIUM

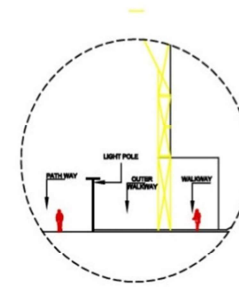
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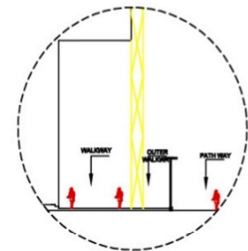
REMARK



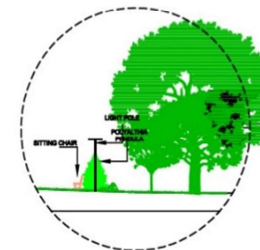
	ASHOKA
	POLYALTHIA PENDULA
	CASSIA FISTULA (GIRMALA)
	BOXWOOD
	KIKUYU GRASS



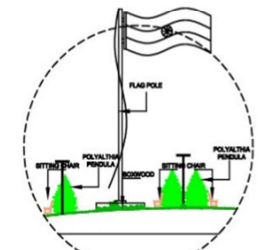
SECTION -A



SECTION -B



SECTION -C



SECTION -D



INTERNATIONAL CRICKET STADIUM

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VIEWS

