

Volume 1

**PROJECT INFORMATION MEMORANDUM
FOR
SELECTION OF MANAGEMENT AND OPERATION AGENCY
FOR
TRADE FACILITATION CENTRE COMPLEX (EXCLUDING
CRAFTS MUSEUM OPERATIONS)**

MINISTRY OF TEXTILES

UDYOG BHAWAN, NEW DELHI – 110 011

Trade Facilitation Centre Complex, Varanasi

Project Information Memorandum for Selection of Management and
Operation Agency (excluding Crafts Museum operations)



Destination of Real Traditions

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A. The Region: Varanasi

i. Background:

Varanasi, or Banaras/Benaras, (also known as Kashi) situated on the banks of the river Ganges in the Indian state of Uttar Pradesh is one of the oldest living cities in the world. The city is called Kashi, "the luminous" in the Rigveda. It is often referred to as "city of temples and learning." Only through this city, the River Ganga flows South to North having the world famous Ghats on the left crescent-shaped bank of the river Ganga.

The city is heterogeneous with multiple layers of religion, culture, art forms, believes nature, profiles and individualities. It is a sacred and holy place to Hindu, Buddhist, Jain and Muslim religion. For every visitor Varanasi has a different experience to offer.

The present area under Municipal Corporation of Varanasi (MCV) jurisdiction is 79.79 sq. km with a population of 14,32,300 (as per census year 2011). Owing to its rich tourism potential, the estimated daily flow of tourists and pilgrims to the city is 15,000ⁱ

ii. Location:

Varanasi region is located in the eastern part of the State of Uttar Pradesh, comprising the districts of Varanasi, Bhadohi (Sant Ravidasnagar), Jaunpur, Ghazipur, Chandauli and Mairzapur.

iii. Connectivity:

Varanasi can be reached through air, rail and road based modes.

By Air: Lal Bahadur Shastri International Airport is located at Babatpur in Varanasi, about 22 km from core city. Various prominent airlines such as Air India, Indigo, Jet Airways, Spice Jet, Thai Smile and Vistara operate regular air services from Varanasi to major cities such as Delhi, Mumbai, Kolkata, Bengaluru, Bhubaneswar, Goa, Trivandrum, Ahmedabad, Srinagar, Bangkok, Sharjah, Colombo etc.

By Rail: Being located in the heartland of the North Indian plains, Varanasi is well connected by rail network both nationally and regionally. City is served by three major railway stations, with two at city center viz. Varanasi Cantonment station and Varanasi City Railway Station and one at Mughal Sarai just 10 kms south of Varanasi.

By Road: With three national highways i.e. NH-2, NH-56 and NH-29 and four state highways i.e. SH-73, SH-74, SH-87 and SH-98 Varanasi is well connected both nationally and regionally. The city has two bus terminals viz. one at Cantt. area and another named Kashi depot at Golgadda. The distance from the major cities are Delhi-750 km, Kolkata - 683, Lucknow-286 km and 125 km from Allahabad.



Figure 1: Regional context of Varanasi

ⁱ Statistics received from UP state tourism department for 2015.

The upcoming bypass (expected to be completed in 2017) between NH-29 (Varanasi-Gorakhpur Road) and NH-56 (Varanasi-Sultanpur Road) shall reduce travel time from the airport.

Intra-city: The movement within the city is a mix of Taxis Autos, cycle rickshaws, private vehicles, and walk (by foot is the only way to see the waterfront and the Ghats).

iv. *Heritage and Culture:*

Varanasi is an eclectic mix of the Tangible and Intangible heritage, manifested in its rich Cultural Landscapes. The tangible heritage includes the 84 Ghats, more than 3500 temples and mosques, Sarnath and Banaras Hindu University. Sarnath, located just 12 km from Varanasi, is the site where Gautama Buddha first taught the Dharma after his enlightenment. Sarnath is one of four holy Buddhist sites sanctioned by the Buddha himself for pilgrimage.

The intangible heritage includes the natural landscapes, and the cultural heritage as a center of arts, crafts, music, education and learning.

v. *Economic Overview of Varanasi*

Varanasi is counted among most popular cities of India as it remains in lime-light and attraction among visitors. Varanasi's economy is primarily dominated by tourism, handloom, handicraft, educational, hospitality, MICE and Government sector. Tourism controls approx. 50% of city economy.

Presence of Cantonment area, Railway Factory (Diesel Locomotive Works), Bharat Heavy Electrical Limited manufacturing plant etc. generates number of vacancy and creates a base of salaried people in local economy. Small scale industries, Cottage industries form an important base for the economy of the city. Around 11% of the total population is engaged across different manufacturing activities whereas the tertiary sector accounts for 6.80% of the total employment.

With current development and growth of Varanasi, it has attracted more commercial and cultural activities as well. These activities are meetings of corporates, incentive programs, expos, exhibitions, seminars, business promotions and much more. Varanasi is also focal point of various cultural activities like weddings. Below is a brief review of the various factors contributing the city's economy

vi. *Tourism:*

Varanasi is one of the most visited tourist destinations of India. Total Inflow of Tourists (as per the data received from UP tourism) in the year 2015 was 57,16,297; in which domestic tourist's inflow is 95% of the total.

Month-wise statistics of tourist shows that the peak season for tourist inflow is between September to April, as all the important fairs and festivals occur within these months. **'Education and research'** is the first priority by International Tourists, and **'pilgrimage/spiritual tour'** is the main reason that attracts maximum percentage of domestic tourists. The tourist inflow has had an annual growth of 4% per year and their average stay is analyzed as two days and one night.

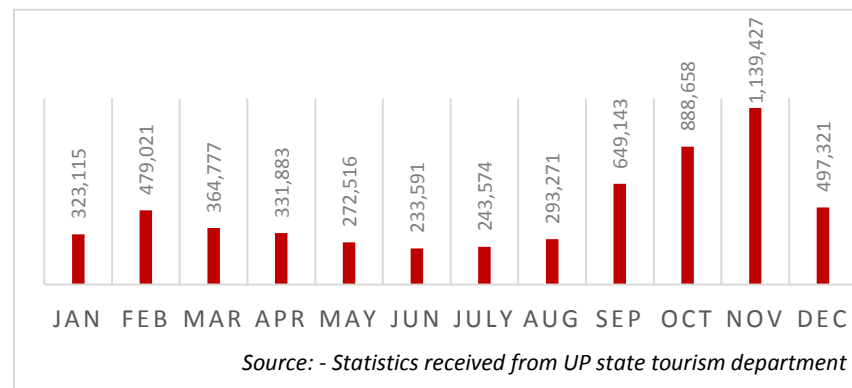
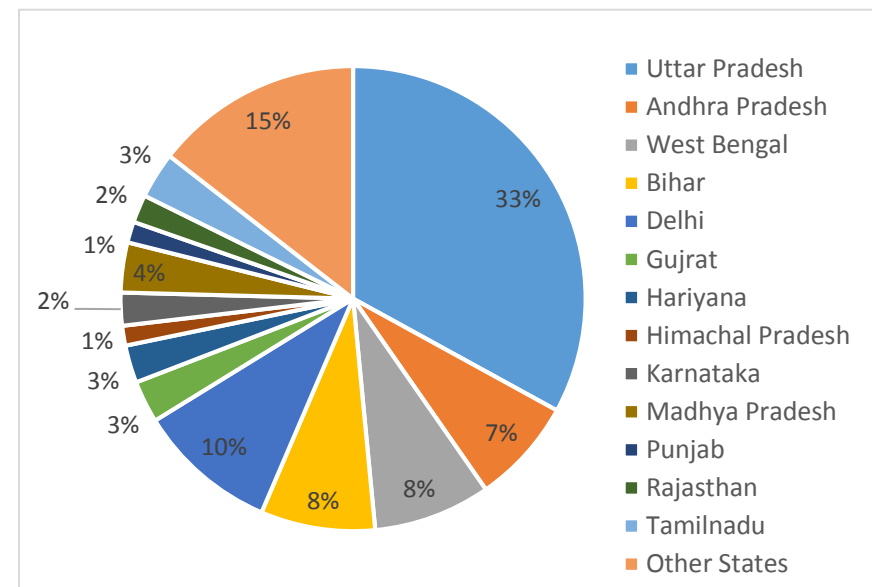
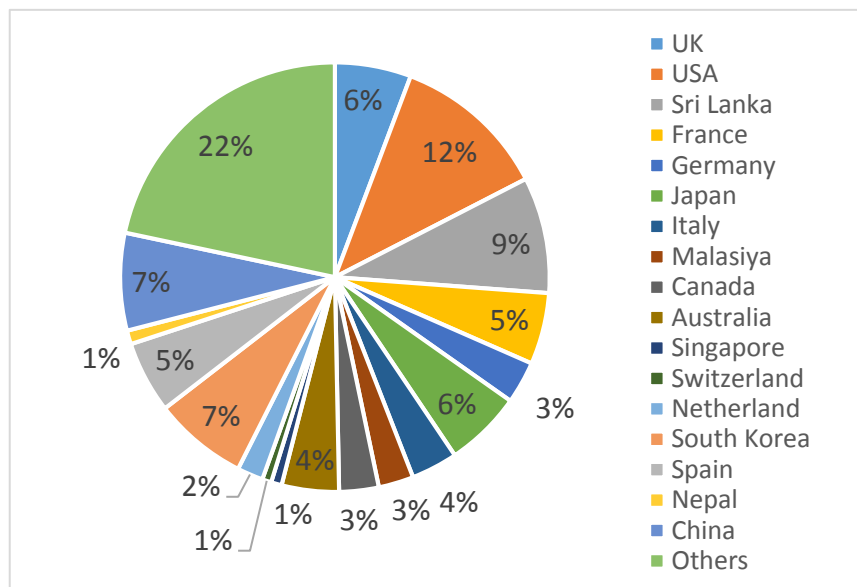
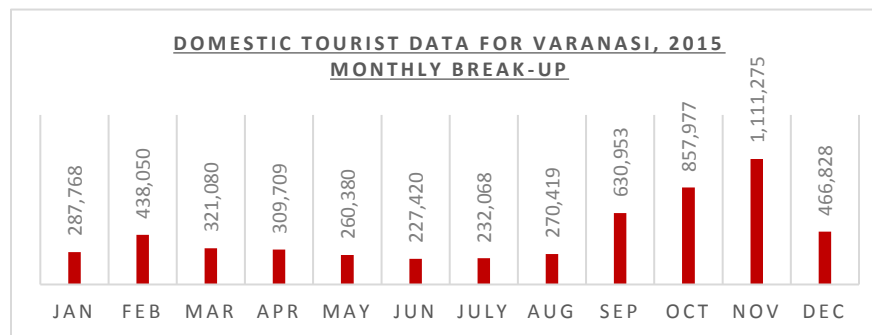
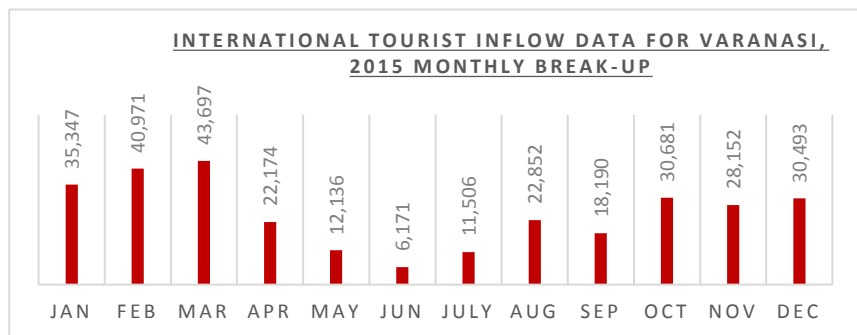


Figure 2: Total Tourist Data (international + domestic) for Varanasi, 2015



Source: - Statistics received from Regional Tourist Office, Varanasi

Figure 3: International & Domestic Tourist Data for Varanasi, 2015

Many other sectors are dependent on tourism industry like hotels, lodges, restaurants, handicrafts, handloom, transport, aviation etc. Tourism has good support to these sectors. Being a pilgrimage destination, tourism is an evergreen source of income. It is the tourism that has spread Varanasi sarees, carpets, handicrafts and other products to different corners of the world.

vii. *Manufacturing Industry:*

Varanasi is home to manufacturing of world famous indigenous products. **Handloom and handicraft industry** in Varanasi region has played a major role in its trade and commerce. Some of the Varanasi region products that play key role in its economy are described below:

- ❖ **Handloom and Handwoven Products:** The export of handloom products from India stood at US\$ 360.02 million in FY2015-16 ⁱⁱ. US has been the major importer of Indian handloom products, followed by UK, UAE, Italy, Germany, France, Spain, Japan, Netherlands, and Australia. Varanasi dominates the handloom production. Of the total units, the share of Varanasi households engaged in handloom related activities is about 32 percent ⁱⁱⁱ.

As per the recently secured GI ^{iv} certificate, Banarasi products fall under four classes (23–26), namely silk brocades, textile goods, silk saree, dress material and silk embroidery. This means that no saree or brocade made outside the six identified districts of Uttar Pradesh, that is Varanasi, Mirzapur, Chandauli, Bhadohi, Jaunpur and Azamgarh districts, can be legally sold under the name of Banaras saree and brocade.

- ❖ **Handicraft Products:** According to the provisional data of EPCH for FY2016-17 ^v, India's Handicrafts export have shown an annual increase of 13.79% in Rupees term and has reached to Rs. 24530 crores. For centuries, Varanasi has played major role in handicraft production and is known for its high quality handicraft items like copperware, brassware, wood and lac turnery, repousse, wood carving, Meenakari, Zardozi, glass bangles, clay toys etc. Varanasi's hallmark is the Sindora, vermilion boxes and it's Zardozi badges are commissioned by the Army, Navy and institutes including the European Catholic clergy among others.
- ❖ **Carpets and Durries:** Varanasi region is home to the largest hand-knotted carpet weaving industry hub in South Asia. It has a major cause for India being consistently a world leader in export of hand-made carpets with its durries and carpets being exported to more than 70 countries including USA, Germany, Canada, U.K., Australia, South Africa, France, Italy, Brazil and of late China ⁱⁱ.

The Indian Institute of Carpet Technology, the only institute of its kind in Asia, was established there in 2001 by the Ministry of Textiles and offers B-Tech courses in carpet and textiles technology.

viii. *Retail Sector:*

The city retail particularly high-streets is driven by Handloom and Handicraft products which are witnessing increasing demand in Indian and International markets as clear from aforesaid analysis. These products are manufactured locally in Varanasi and adjoining districts like Mirzapur, Badohi, Jaunpur, Chandauli etc. However, these products are being mostly sold in high-street markets located in a scattered manner across various locations in the city and **there are no integrated facility housing Handloom and Handicraft sectors under one single roof.**

ⁱⁱ Source: IBEF: www.ibef.org

ⁱⁱⁱ Source: Planning Commission – UP State Development Report Volume II

^{iv} GI (Geographical Indication) is an intellectual property right, which identifies a good as originating in a certain region where a given quality, reputation or other characteristic of the product is essentially attributable to its geographical origin.

^v Source: www.epch.in/policies/eportdata.pdf

Varanasi houses a number of retail malls like PDR mall, IP Vijaya, JHV mall, Vishal Mega Mart etc. that also acts as a good source for augmenting Varanasi economy. The major retail high-streets of Varanasi city are Chowk, Gyan Vapi, Vishwanath Gali, Thatheri Bazar, Lahurabir, Godoulia or Dashswamedh Gali and Golghar. Below table is only for providing an indicative idea of the prevalent market rates as observed for retail sector.

Component	Avg. market rate in Varanasi Malls (INR/ Sq. Ft/ Month)	Avg. market rate in Varanasi High Street (INR/ Sq. Ft/ Month)
Shops/ Marts	60 to 110	40 to 80
Food Kiosk / Fine Dine Restaurants	40 to 80	40 to 80

Source: Discussion with various retail market players

Table 1: Retail Market Rates, Varanasi

Source: - Market survey and secondary data

ix. *Hospitality and MICE^{vi} Sector:*

MICE Tourism, the future of business tourism, is the next big growth engine of the global tourism industry. As per ICCA, Indian convention industry is currently at a nascent but growing stage, with a total of 116 Global conferences organized in the year 2014 -15^{vii}. India already has a host of locations which are well acclaimed MICE destinations which include Delhi NCR, Agra, Jaipur, Mumbai, Goa, Bangalore, Hyderabad, Chennai, Cochin, Bhubaneshwar etc.

Banaras (Varanasi) is also attracting corporates now who are heading here for business meets. annual meetings, conferences and awards ceremonies. According to the market sources in hospitality sector, such events have seen a fourfold increase in number in about one and a half years' time. New players in various sectors covering automobile, pharmaceuticals & healthcare, insurance, real estate, and other corporates across the spectrum have started coming to Banaras for business conferences from other cities in the last couple of years. From previously four-five events per year, it has now increased to at least 16-18 major events happening per year. This trend also helps ensuring maintaining hotels occupancy in range of 70 to 80 per cent even during the tourist off season in the city. As per market sources, some of the prominent facilities in this sector has seen business growth in MICE segment growing by 60 to 70 per cent, supported by business-cum-rejuvenation trips. Various attractions for business-cum-rejuvenation trips including beautiful Ghats, Ganga aarti, the Banarsi cuisine & culture and Banarsi saris, handloom and handicraft which add to the pleasure part of the trip. Corporate houses have begun to see a lot of potential in the city, as several development projects have been announced for Banaras. Several corporate houses have started opening their offices in the city as well, which was earlier confined to Lucknow, the state capital as per market sources.

Below table indicates that the MICE infrastructure available in the city are to the maximum capacity of 475 PAX, however for large international as well as national events, the average capacity required is in the rage of 1000 PAX and above. This clearly indicates a gap for such large infrastructure capable of holding prominent international as well as national conference and events.

^{vi} MICE (Meetings, Incentives, Conferencing, Exhibitions)

^{vii} India Inbound MICE Tourism Report by FICCI, May 2016

Name of Hotel/Convention	Location	Category	Banquet / exhibition (theatre style seating capacity)	Conference Rates
The Gateway Hotel Ganges Varanasi	Nadesar	5 Star Deluxe	Nadesar Hall: 90 seats theatre Gulabbagh: 170 seats theatre Lawns total 40000 sq.ft	Rs 1200-1300 + taxes per person (2+2) AV as per actuals
Hotel Clarks Varanasi	Cantt.	5 Star	Amrapali: 300 seats theatre Siddhartha: 150 seats theatre Shakuntala: 180 seats theatre Mini Shakuntala : 40 seats theatre Vaishali: 40 seats theatre	Rs. 850 + taxes per person (2 + 2) AV as per actuals
Radisson Hotel Varanasi	Cantt.	5 Star	Jasmin combined: 125 seats theatre Rose room1: 75 seats theatre Rose room2: 175 seats theatre Jasmin lawns: 3396 sq.ft (200 seats theatre)	Rs. 900-950 + taxes per person (2 + 2) min. guarantee 25 PAX AV as per actuals (LCD Rs3000, Mic Rs800) Alcohol license Rs600 per bottle
Ramada Plaza JHV	Cantt.	5 Star	Shehani Hall: 475 theatre Sarangi Hall: 230 theatre Sarod Hall: 160 theatre Santoor: 250 theatre Garden: 15000 sq.ft Boardroom: 12 pax Live cooking option available	Rs. 1050-1200 + taxes (LCD projector w/screen Rs2500, Cordless mike800, P.A System (with speaker) Rs5000, Stage Rs40 per sq.ft + taxes)
Hotel Hindustan International (HHI)	Maldahiya	4 Star	Reagal: 250 theatre Pool Banquet: 300 theatre Kaveri: 35 theatre Imperial Lounge: 16 theatre	Rs. 900-1000 + taxes per person (2+2)
Hotel Meraden Grand		4 Star	Largest : 300 Smallest : 50 Mandala: 300 theatre Vatika: 50 theatre Board Room: 15 seats Live cooking option available	Rs1700-2000 + taxes
Hotel Ideal Tower (The Amayaa)	Cantt.	3 Star	3 Halls, 325, 100 and 80 theater style,	Rs. 800 - 1000 + taxes per person
Hotel Surya	Cantt.	Heritage	3 Halls: 500, 250 and 80 theater style	Rs. 1.6 lakh + taxes for 500 pax hall per day without food

				Rs. 0.9 lakh + taxes for 250 pax hall per day without food
Diamond hotel	Bhelupur	1 Star	5 Halls Max capacity in theater style Largest : 100 Smallest : 20	800-900 per person +taxes
Pallavi International Hotel	Chetganj	Budget Hotel	5 Halls, Max capacity in theater style Largest : 300 Smallest : 200	800-900 per person +taxes
J.S. Residency	Bhelupur	Unclassified	2 Halls Max capacity in theater style Largest : 150 Smallest : 35	800-900 per person +taxes

Table 2: Brief of market research on MICE infrastructure available along with names, locations, capacities, typologies, rates etc.:

Source: - Market survey and secondary data

Hospitality/Hotel segment of Varanasi has been one of the most flourishing sectors in the region which is supported by the strong domestic and international tourist inflows all throughout the year as indicated in the aforementioned section on tourism sector. The city offers all segments of accommodation including Luxury, Heritage, budget, dormitory accommodation etc. Average occupancy levels for hotels in the city ranges between 70%-80% with an average length of stay around 2 days and 1 night in the city.

Spiritual tourism also strongly supports this sector which has become a must visit destination for followers and disciples from all around the country and abroad due to spiritual importance of Varanasi and Sarnath. It also forms key part of in the Heritage Arc being promoted in Uttar Pradesh comprising Agra, Lucknow and Varanasi.

The major festivals and fairs organized in Varanasi are:

Festival / Fair	Month
Bharat Milap	Oct / Nov
Buddha Purnima	May
Dev Deepavali	Nov
Hanuman Jayanti	March / April
Mahashivaratri	Feb/ March
Nag Nathaiya	Nov / Dec
Nakkatayya	Oct
Ram Leela of Varanasi (spread over 30 evenings)	Sep / Oct

Table 3: List of key Festivals and Fairs in Varanasi

Source: <http://varanasi.nic.in/>

Various star category hotels available in Varanasi are mentioned below:

Name of Hotel/Convention	Location	Category	Rooms	Rack Rate INR/ Night
The Gateway Hotel Ganges Varanasi	Nadesar	5 Star Deluxe	130	15500-23500
Hotel Clarks Varanasi	Cantt.	5 Star	104	9000-15000
Radisson Hotel Varanasi	Cantt.	5 Star	116	9000-15800
Hotel Rivatas by Ideal	Cantt.	5 Star	68	11500-15000
Ramada Plaza JHV	Cantt.	5 Star	120	7000 – 18000
Hotel Hindustan International (HHI)	Maldahiya	4 Star	98	7000-14000
Hotel Meraden Grand	Cantt.	4 Star	41	7500-15000
Hotel Pradeep	Jagatganj	3 Star	45	2500-2900
Hotel Ideal Tower (The Amayaa)	Cantt.	3 Star	58	10000-16000
Hotel Surya	Cantt.	Heritage	65	2500 - 3500
Diamond Hotel	Bhelupur	1 Star	40	4000-4500
Pallavi International Hotel	Chetganj	Budget Hotel	30	2800-6000
J.S. Residency	Bhelupur	Unclassified	24	3000-5600
Palace on Ganges	Assi Ghat	Unclassified	24	8500-10000
Suryaunday Haveli - An Amritara Resort	Shivala Ghat	Unclassified	14	13500-17000

Table 4: Description of select hotel facilities in Varanasi

Source: - Market survey and secondary data

B. The Project: Trade Facilitation Centre and Crafts Museum (TFC&CM), Varanasi

i. Background and Information:

The TFC & CM project located at Bada Lalpur, Varanasi, being developed by Ministry of Textile on 7.93 acres and having constructed area of around 43,450 sqm. The project is expected to be completed by August 2017 and will offer facilities such as Convention hall, Exhibition area, Shops, Marts, Food Court, Restaurants, Guest Houses, Dormitories, Offices, Crafts Museum and Amphitheater along with support infrastructure and amenities focused at providing integrated platform for promotion of Handloom, Handicrafts and Carpet Sector of Varanasi region.



Figure 4: Birds eye view of TFC&CM, Varanasi

ii. Facility Chart

Floors	BLOCK 1 Marts cum Office	BLOCK 2 Convention Centre cum Exhibition	BLOCK 3 Food Court cum Guest House	BLOCK 4 Shopping Arcade	Entrance Plaza	BLOCK 5 Museum
Basement (2 levels)	Parking capacity (369 no's of cars 434 no's of 2 wheelers approx.)			-	-	Not applicable in the present scope of work
Ground Floor	<ul style="list-style-type: none"> • Marts (11 no's) • Exhibition Space (open courtyard) • Public Amenities 	<ul style="list-style-type: none"> • Convention Centre with VIP Lounge and green rooms. • Atrium (Triple height) • Exhibition Gallery • Atrium and convention center can be converted to exhibition space. • Public Amenities 	<ul style="list-style-type: none"> • Food Kiosks (9 no's) • Kitchen Area/ Store • Indoor Seating Area • Courtyard Seating Area • Public Amenities • Courtyard can be converted to multi-purpose exhibition space. 	<ul style="list-style-type: none"> • Enquiry Counter • Shops (14 no's), • Space for Kiosks. 	Entrance Plaza with courtyard surrounded with 18 M high petals	
1st Floor	<ul style="list-style-type: none"> • Marts (13 no's) • ATMs (2nos) • Gallery (1no) • Public Amenities 	<ul style="list-style-type: none"> • Marts (8 Nos) • Exhibition Gallery all around atrium • Public Amenities 	<ul style="list-style-type: none"> • Restaurants (2nos) with Kitchen Areas • Public Amenities 	<ul style="list-style-type: none"> • Shops (14 no's) • Lounge 		
2nd Floor	<ul style="list-style-type: none"> • Marts (15 Nos) • Business Centre • Public Amenities 	<ul style="list-style-type: none"> • Marts (4 Nos) • Exhibition Gallery all around atrium. 	<ul style="list-style-type: none"> • 15 Nos Dormitory Rooms (Total 81 Beds) • Office Space • Lounge Seating • Public Amenities 	NA		
3rd Floor	<ul style="list-style-type: none"> • Marts (10nos) • Govt. Office (3nos) • National Centre for Trade Information 	NA	<ul style="list-style-type: none"> • Double Occupancy Guest Rooms with attached toilets (18 no's), • Common Hall and Pantry Office Space • Public Amenities 	NA		

Note: Refer Annexure for details

Other Supporting Facilities provided are briefed below

- Surface Parking with Parking capacity (82 no's of cars approx.)
- Stand-by generator Supply and Uninterruptible Power Supply
- Central Air-conditioning and Ventilation System
- Kitchen and Food Kiosks provided with Exhaust System
- Lifts and Escalators
- Fire Detection, Firefighting and Public Address System
- EPBX, Server Room and BMS^{viii} System
- Rain Water Harvesting System
- Sewage Treatment Plant (STP)
- Fresh Water and Treated Water Supply
- Internal Electric Substation
- HVAC^{ix} Plant Room
- Pump Room and Under Ground / Over Head Tanks
- Emergency exits for easy evacuation
- Interestingly landscaped and shaded courtyards with water bodies of international standard

^{viii} BMS (Building Management System)

^{ix} HVAC (Heating, Ventilation and Air Conditioning)

iii. *Site Location and Connectivity:*

The project is strategically located near the upcoming bypass (expected to be completed in 2017) between NH-29 (Varanasi-Gorakhpur Road) and NH-56 (Varanasi-Sultanpur Road) which shall reduce travel time to TFC from Varanasi Airport to 30 mins and from Sarnath to 20 mins. The location of the site also allows its connectivity to all prominent locations within Varanasi and Sarnath with a travel time of less than 1 (one) hour. The location is away from the congestions of the old Varanasi and also is expected to be the new growth corridor of development.



Figure 5: TFC&CM Location Map

iv. *SWOT (Strength, Weakness, Opportunity and Threats) Analysis for TFC&CM*

Analysis of Strengths

a. Integrated marketing platform:

- TFC&CM is an iconic structure designed as integrated marketing platform for handloom, handicraft and carpet sector players in the region,
- It has one of the largest capacity convention centers in the region, and will play a major role in facilitating Varanasi region for its MICE activities,

b. Centre of Tourism and Culture:

- Region is a major attraction for national and international tourists with 84 Ghats, 3000 shrines, temples, among Sarnath, Kashi Vishwanath temples, Aarti at Ganga, 720 festivities celebrated annually, prominent center for Hindustani Classical Gharana etc.
- It is a center for Ancient and Vedic learning – Sanskrit and Ayurveda, Jyotish and Astronomy Studies, Vedic Studies, Literature Education etc.

c. Market leader in Handloom and Handicraft products:

- It has dominating position in manufacturing of India's potential export products such as handloom, Handwoven, Handicraft including carpets.
- High quality manpower availability with presence of renowned Banaras Hindu University, Indian Institute of Carpet Technology and Sampooran and Sanskrit Vishwavidalaya (University) oldest Sanskrit University in the country among may other educational institutes.

d. Connectivity:

- Varanasi is well connected at regional, national and international level with Lal Bahadur Shastri International Airport, three national highways i.e. NH-2, NH-56 and NH-29 and four state highways i.e. SH-87, SH-73, SH-74 and SH-98 and three major railway stations, viz. Varanasi Cantonment station, Varanasi City Railway Station and Mughalsarai Railway Station.

Analysis of Weakness

- a. The project is currently under completion stage and is on schedule with Tata Projects Ltd. ensuring the timely delivery.
- b. The convention activities in Varanasi is at a nascent stage, however, due to lack of such facilities, the sector is not fully captured yet.

Analysis of Opportunities

a. Business Development Opportunities

- Facility is being developed as an integrated marketing platform with one of the largest capacity Convention centers in the region.
- Immense potential for tapping of nascent markets of conventions, exhibitions, business meets and conferences etc.
- Varanasi region is market leader in Handloom and Handicraft products

b. Tourism, Heritage and Pilgrimage

- Immense potential for both International and Domestic tourism. Integrated tourism may be developed for religious tourism sector.
- Better networking of tourist locations such as Ghats, temples and hotels/dharmasalas and other facilities.

Analysis of Threats

- This is a new project, hence, will initially require intense marketing and promotional activities to attract footfalls.

Annexure 1: Detailed Project Description ^x:

The Trade facilitation and Crafts Museum is mainly comprised of five blocks as detailed below:

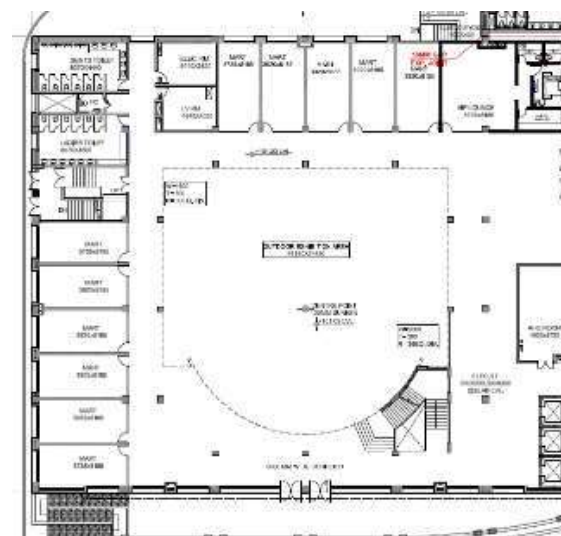
i. **BLOCK 1: MARTS CUM OFFICE BLOCK:**

G+3 structure, having total built-up area of 6,050 sq. mt (excluding basements).

Ground Floor

The ground floor of the block consists of Marts (11 Nos) and a large central courtyard capable of hosting events and exhibitions.

Description	Total Units	Unit Size (mm)
Mart	3	3735 x 8185
	1	3935 x 8185
	1	3905 x 8185
	6	3920 x 8185

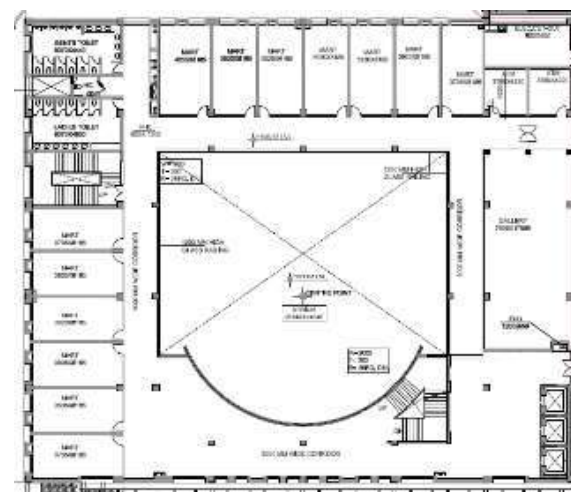


Ground Floor Plan

First Floor

The first floor of the block consists of Marts (13 Nos), 2 ATM blocks and exhibition gallery capable of hosting events and exhibitions.

Description	Total Units	Unit Size (mm)
Mart	3	3735 x 8185
	1	3935 x 8185
	1	3905 x 8185
	7	3920 x 8185
	1	4655 x 8185
ATM	2	3780 x 4220
Gallery	1	7535 x 17955



First Floor Plan

^x **Source:** Data provided by project Architect SIKKA Associates Architects and Project Management Service Provider NBCC Ltd.

Second Floor

The second floor of the block consists of Marts (15 Nos) and business center capable of organizing meetings and conferences.

Description	Total Units	Unit Size (mm)
Mart	3	3735 x 8185
	1	3935 x 8185
	1	3905 x 8185
	7	3920 x 8185
	1	4655 x 8185
	2	3780 x 4220
Business center	1	7905 x 17955

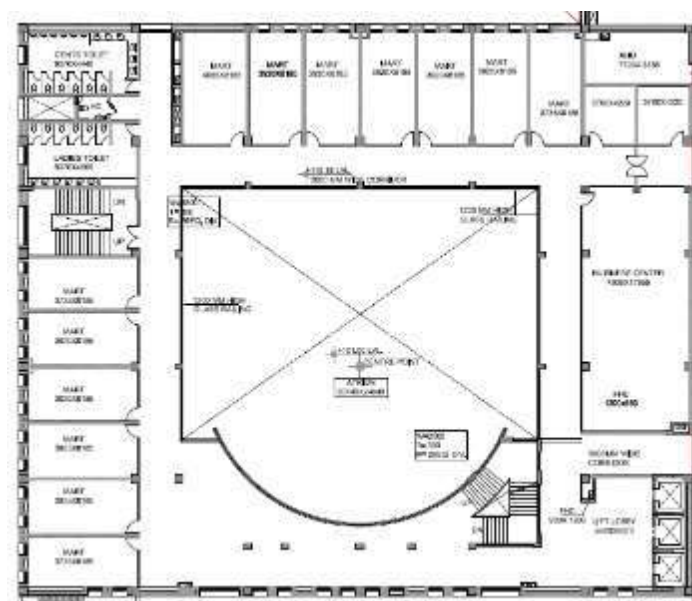
Third Floor

The third floor of the block consists of Marts (10 Nos), Govt. Office (03 Nos) and National Centre for Trade Information.

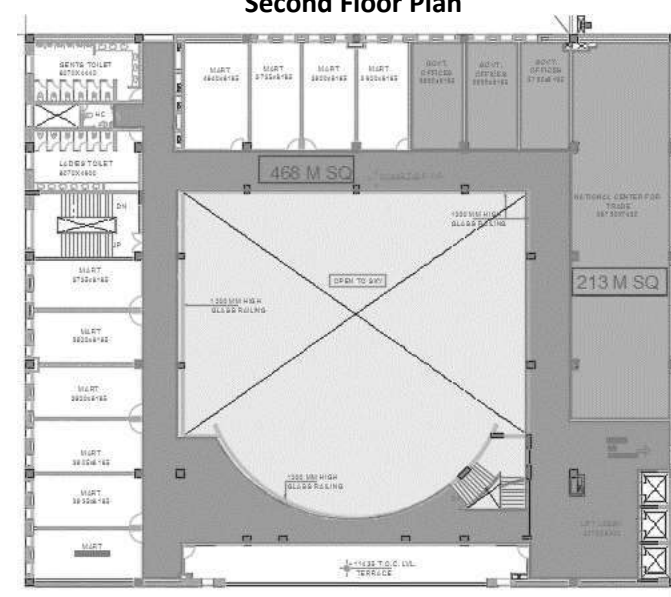
Description	Total Units	Unit Size (mm)
Mart	2	3735 x 8185
	1	3935 x 8185
	1	3905 x 8185
	5	3920 x 8185
	1	4840 x 8185
	2	3920 x 8185
Govt. Offices	1	3735 x 8185
National Centre for Trade Information	1	28720 x 7420

Facilities Available

- Marts shall be provided as warm shell facility with all basic amenities installed such as flooring, false ceiling, partitions, ambient lighting, central air-conditioning etc. as per the design guidelines for the facility.
- All core services such as electrical, fire alarm, fire-fighting, air-conditioning, plumbing, power backup etc.



Second Floor Plan



Third Floor Plan

- Business center and National Centre for Trade Information Office shall be provided as warm shell facility with all basic amenities installed along with office furniture.
- Lift lobby with 3 passenger elevators.
- Public amenities for gents, ladies and physically handicapped.
- Common areas are non-air conditioned and finished with flooring, false ceiling, ambient lighting, firefighting, systems, PA system etc.

LOCATION	DETAILS OF FINISHES AND INSTALLATIONS			
	FLOOR	CEILING	WALLS	FURNITURE
Marts	Vitrified Tiles	Metal Clip in ceiling	Emulsion Painting	-
Business center	Vitrified Tiles	Acoustical Tile Flooring	Emulsion Painting	Including furniture
National Centre for Trade Information	Vitrified Tiles	Acoustical Tile Flooring	Emulsion Painting	Including furniture
ATM	Vitrified Tiles	Clip in Tile	Emulsion Painting	-
Common Area	Sand Stone Flooring	Gypsum Board False ceiling	Emulsion Painting	-
Open Courtyard	Stone Flooring	-	-	Planters and inbuilt seating's

ii. **BLOCK 2: CONVENTION CUM EXHIBITION HALL:**

G+2 structure, having total built-up area of 7560sq. mt (excluding basements).

Ground Floor

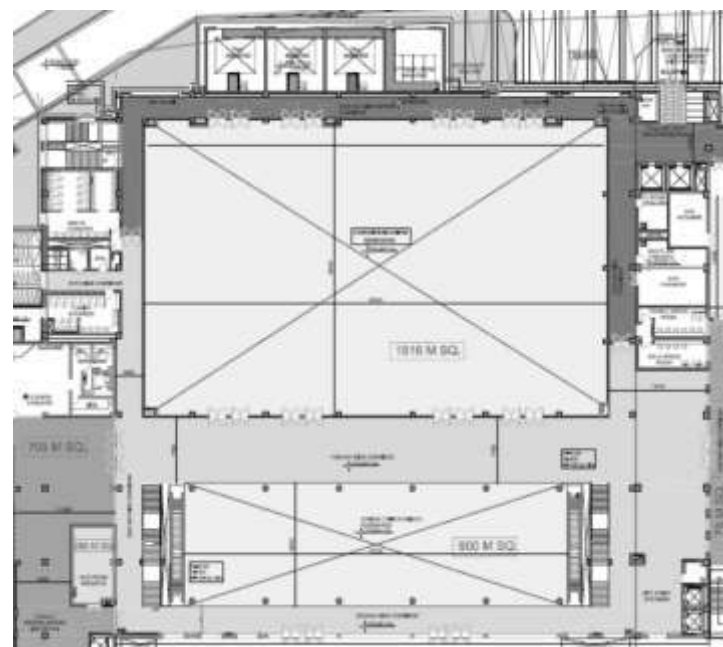
The ground floor of the block consists of triple height state of the art **convention center sizing 52 M x 33 M** and is one of the largest capacity convention center presently available in the region. The convention hall is accompanied with VIP lounge, green room for both male and female participants along with adequate public amenities. The triple height atrium provides a grand entrance to the block and capable of hosting events and exhibitions.

First Floor consists of Marts (8 Nos) along with Exhibition Gallery.

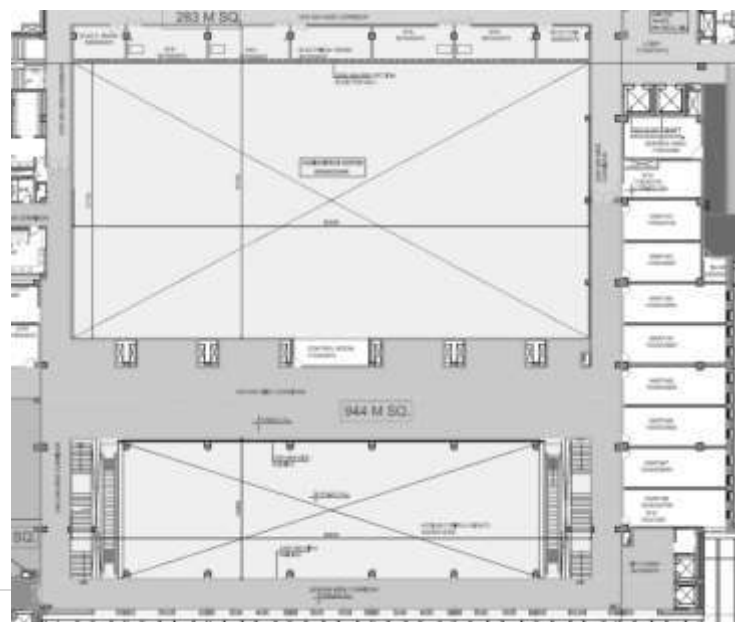
Description	Total Units	Unit Size (mm)
Mart	1	10420 x 3735
	5	10420 x 3920
	1	7790 x 3920
	1	7790 x 4105

Second Floor consists of Marts (4 Nos) along with Exhibition Gallery.

Description	Total Units	Unit Size (mm)
Mart	1	10420 x 3735
	2	10420 x 3920
	1	10420 x 4105



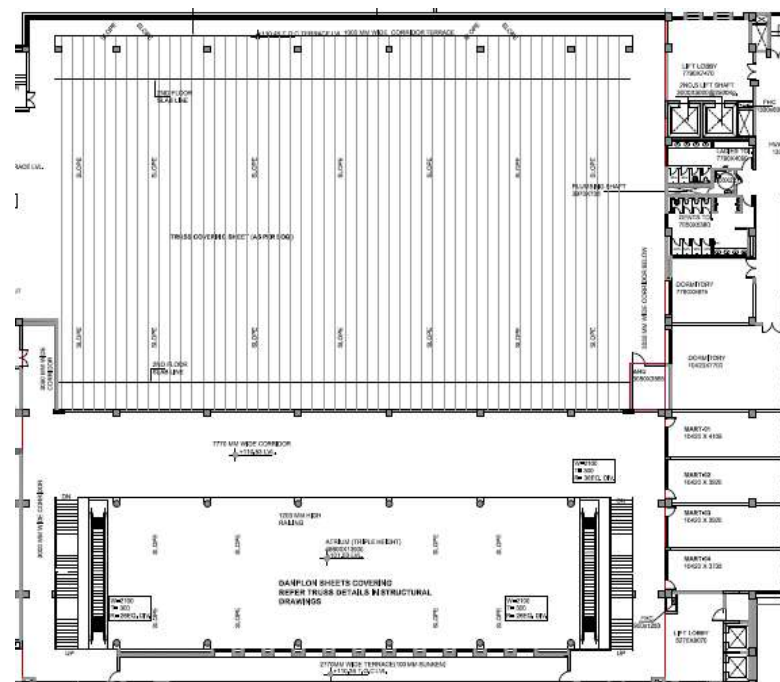
Ground Floor Plan



First Floor Plan

Facilities Available

- Convention Hall shall be provided as warm shell facility with flooring, false ceiling, acoustical door, electrical fixtures, central air-conditioning, speakers etc. as per the design guidelines for the facility. (Details of installed sound and light system are attached as Annexure).
- Details of Audio Visual are attached as Annexure
- Convention hall shall be provided with approx. 600 collapsible/retractable theater style seating (details are attached as Annexure).
- VIP lounge shall be provided with toilet, pantry and restroom with flooring, false ceiling, partitions, ambient lighting, central air-conditioning, sanitary fittings etc.
- Marts shall be provided as warm shell facility with flooring, false ceiling, aluminum glazed door, electrical fixtures, central air-conditioning, power points, telephone and data points etc. as per the design guidelines for the facility.
- Common areas are air conditioned and finished with flooring, false ceiling, ambient lighting, firefighting, systems, PA system etc.
- Public amenities are provided for gents, ladies and physically handicapped.
- Lift lobby with 2 passenger elevators.
- All core services such as electrical, fire detection and fire-fighting, PA system, air-conditioning, plumbing, power backup etc.
- 2 sets of escalators between ground and first floor.



Second Floor Plan

LOCATION	DETAILS OF FINISHES AND INSTALLATIONS			
	FLOOR	CEILING	WALLS	FURNITURE
Convention Hall	Granite Flooring	Gypsum False Ceiling	Acoustic Wall Paneling	Retractable Seating
VIP Lounge/ Pantry/ Toilet	Vitrified Tile	Gypsum Board	Wall paper / Tiles	Including furniture, TV etc.
Green Rooms	Vitrified tile	Not Available	Emulsion Painting	-
Atrium Space	Sand Stone Flooring	No False ceiling	Stone Cladding	-
Exhibition Areas	Vitrified Tiles	Gypsum	Painting	-
Marts	Vitrified Tiles	Clip in metal	Painting	-

iii. BLOCK 3: FOOD COURT CUM GUEST HOUSE:

G+3 structure, having total built-up area of 7470sq. mt (excluding basements).

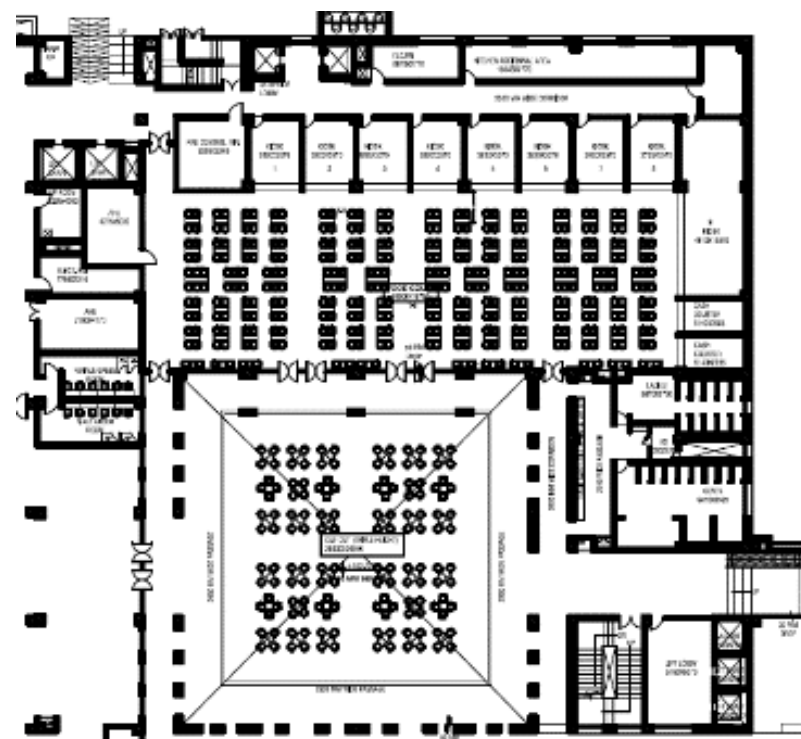
Ground Floor

The ground floor of the block consists of food court with both indoor and outdoor seating spaces. The courtyard space has been envisaged to be converted to form exhibition space or area for other activities as per requirement. The floor comprises of the following components

Description	Total Units	Unit Size (mm)
Kiosk1	7	3920 x 5570
Kiosk2	1	3735 x 5570
Kiosk3	1	4910 x 13640
Cash Counter	2	5140 x 2585
Kitchen Addition Area	1	18045 x 2770
Indoor AC seating area	1	40900 x 13700
Outdoor Seating area	1	26600 x 26970

Facilities Available

- Food Kiosks shall be provided as warm shell facility only with flooring, false ceiling, partitions, ambient lighting, central air-conditioning, exhaust system etc.
- Indoor seating space is air conditioned and complete with all basic amenities installed. Courtyard seating is non air-conditioned.
- Seating furniture for indoor and outdoor courtyard seating space.
- Interesting lighting fixtures to adequately illuminate the courtyard.
- All core services such as electrical, fire alarm, fire-fighting, air-conditioning, plumbing, power backup etc.
- Two service lifts are provided at the service core along with staircase.
- Public amenities for gents, ladies and physically handicapped.
- Lift lobby with 2 passenger elevators and staircase.



Ground Floor Plan

LOCATION	DETAILS OF FINISHES AND INSTALLATIONS			
	FLOOR	CEILING	WALLS	FURNITURE
Food Kiosks	Tile Flooring	Clip in Metal Tile	Emulsion Painting	Counter with Corian Finish
Cash Counter	Tile Flooring	Clip in Metal Tiles	Emulsion Painting	Counter with Corian Finish
Kitchen Addition Area	Tile Flooring	Clip in Metal Tile	Emulsion Painting	Services points only

Indoor AC seating area	Tile Flooring	Baffle Ceiling	Emulsion Painting	Including chairs and tables
Out Door/ Courtyard seating area	Stone Flooring	-	-	Including chairs and tables
Common Area	Tile / Stone Flooring	Gypsum Ceiling	Emulsion Painting	-

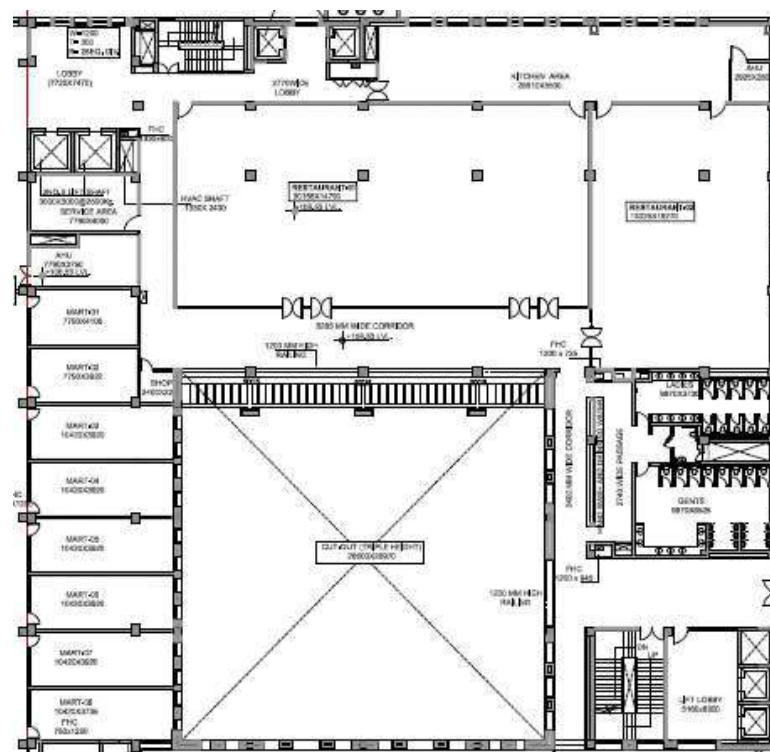
First Floor

First floor consists of restaurants as detailed below

Description	Total Units	Unit Size (mm)
Restaurant 1	1	30155 x 14790
Restaurant 2	1	13025 x 19270
Kitchen Space	1	28610 X 5500
Shop	1	2400 x 2255

Facilities Available

- Restaurants and kitchen space shall be provided as bare shell facility only.
- No furniture, false ceiling or floor finishing are provided for the restaurants.
- Common areas are non-air conditioned and finished with flooring, false ceiling, ambient lighting, firefighting, systems, PA system etc.
- Only main tap off points for all core services such as electrical, fire alarm, fire-fighting, air-conditioning, water supply and drainage, power backup etc. provided.
- Two service lifts are provided at the service core along with staircase.
- Public amenities for gents, ladies and physically handicapped.
- Lift lobby with 2 passenger elevators and fire staircase.
- All core services such as electrical, fire alarm, fire-fighting, air-conditioning, plumbing, power backup etc.

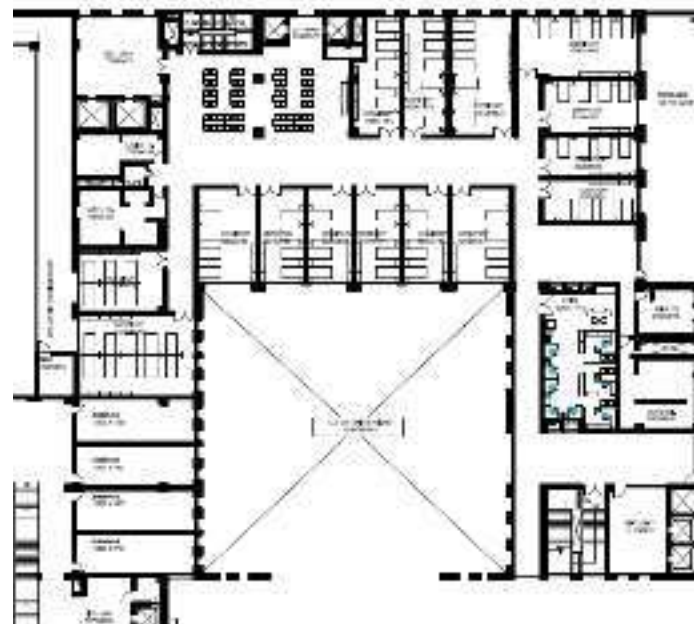


LOCATION	DETAILS OF FINISHES AND INSTALLATIONS			
	FLOOR	CEILING	WALLS	FURNITURE
Restaurants	CC Flooring	No False Ceiling	Emulsion Painting	-
Kitchen	Tile Flooring	Gypsum Board Ceiling	Emulsion Painting	Services points only
Shop	Tile Flooring	Gypsum Board False Ceiling	Emulsion Painting	-
Common Area	Stone / Tile Flooring	Gypsum Board False ceiling	Emulsion Painting	-

Second Floor

Second Floor consists of dormitories and an office space as detailed below:

Description	Total Units	Unit Size (mm)	Beds
Dormitory (Type 1)	1	10420 x 7700	10 Nos
Dormitory (Type 2)	1	7790 x 5875	6 Nos
Dormitory (Type 3)	2	5255 x 8785	5 Nos Each
Dormitory (Type 4)	4	3920 x 8785	5 Nos Each
Dormitory (Type 5)	2	8220 x 3920	4 Nos Each
Dormitory (Type 6)	1	8220 x 4970	4 Nos
Dormitory (Type 7)	1	10485 x 5685	6 Nos
Dormitory (Type 8)	1	5560 x 11070	6 Nos
Dormitory (Type 9)	1	3905 x 11070	6 Nos
Dormitory (Type 10)	1	4105 x 11070	5 Nos
Office	1	6340 x 11770	-



Second Floor Plan

Facilities Available

Dormitories shall be provided as warm shell facility with all basic amenities installed such as flooring, false ceiling, partitions, ambient lighting, central air-conditioning, power points etc. as per the design guidelines for the facility.

- 81 single occupancy beds and lockers shall be provided for dormitories.
- All other requirements such as beddings, drapes, television unit etc. in rooms shall not be provided by the Authority.
- Waiting lounge shall be provided with furniture and television unit.
- Offices shall be provided as warm shell only.
- Common areas are non-air conditioned and finished with flooring, false ceiling, ambient lighting, firefighting, systems, PA system etc.
- Two service lifts and staircase are provided at the service core.
- 2 sets of public utility facility for gents, ladies and physically handicapped for convenient approach from dormitories.
- 2 Lift lobbies with 2 passenger elevators each and one staircase.
- All core services such as electrical, fire alarm, fire-fighting, air-conditioning, plumbing, power backup etc.

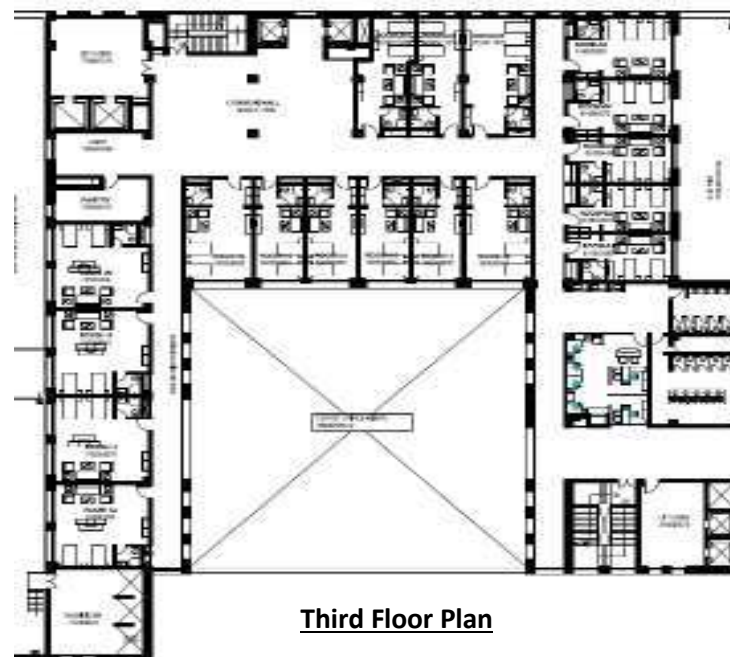
LOCATION	DETAILS OF FINISHES AND INSTALLATIONS			
	FLOOR	CEILING	WALLS	FURNITURE
Dormitories	Vitrified Tile Flooring	Gypsum False Ceiling	Emulsion Painting	Beds, Storage
Office	Vitrified Tile Flooring	Gypsum False Ceiling	Emulsion Painting	-
Common Area	Stone Flooring	Gypsum False Ceiling	Emulsion Painting	Furniture, TV etc.

Third Floor

Third Floor consists of total 18 double occupancy guest rooms with attached toilets and an office space.

Facilities Available

- Guest Rooms shall be provided as warm shell facility with all basic amenities installed such as flooring, false ceiling, partitions, ambient lighting, central air-conditioning, sanitary fittings, power points, telephone and data points etc. as per the design guidelines for the facility.
- Double occupancy beds and lockers shall be provided for each guest rooms.
- All other requirements such as beddings, drapes, television unit etc. shall not be provided by the Authority.
- Common Hall shall be finished with furniture and point for television unit.
- Offices shall be provided as warm shell facility.
- Common areas are non-air conditioned and finished with flooring, false ceiling, ambient lighting, firefighting, systems, PA system etc.
- Two service lifts are provided at the service corridor along with fire staircase.
- 2 sets of public utility facility for gents, ladies and physically handicapped.
- 2 Lift lobbies with 2 passenger elevators each and one fire staircase.
- All core services such as electrical, fire alarm, fire-fighting, air-conditioning, plumbing, power backup etc.



LOCATION	DETAILS OF FINISHES AND INSTALLATIONS			
	FLOOR	CEILING	WALLS	FURNITURE
Guest Rooms	Vitrified Tile Flooring	Gypsum False Ceiling	Emulsion Painting	Beds, Storage
Office	Vitrified Tile Flooring	Gypsum False Ceiling	Emulsion Painting	-
Common Area	Sand Stone Flooring	Gypsum False Ceiling / Acoustic Tile	Emulsion Painting	-

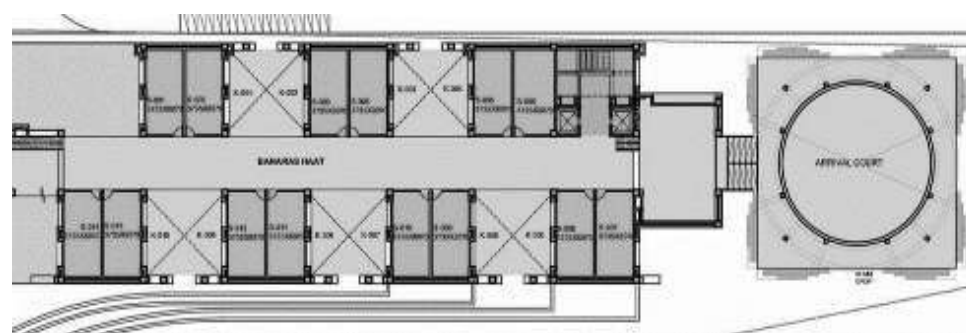
iv. BLOCK 4: SHOPPING ARCADE

G+1 structure having total built-up area of 2,300 sq. mt.

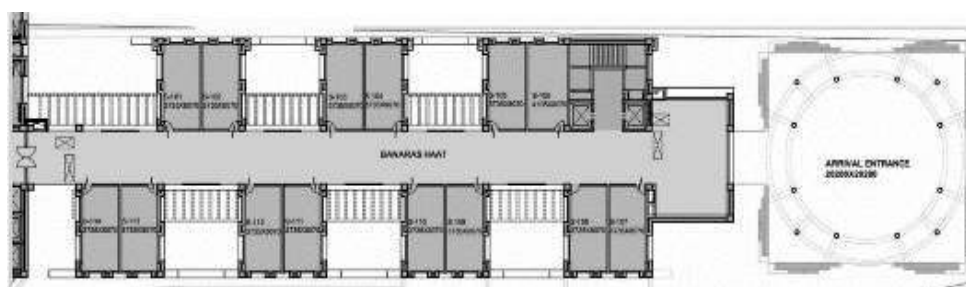
Shopping Arcade has a total of **28 Shops**, located on Ground and First floor levels, having an area of about 320 Sq. ft.

Facilities Available

- Shops shall be provided as warm shell facility with flooring, false ceiling, aluminum glazed door and windows, electrical fixtures, central air-conditioning, power points, telephone and data points, power backup etc.
 - Common areas are non-air conditioned and finished with flooring, false ceiling, ambient lighting, firefighting, systems, PA system etc.
 - 2 passenger lifts are installed along with fire staircase.
 - Arrival court is completed with required installations.
 - Space for installation of tensile structures for Kiosks, lighting, paved area along with landscape is provided on the ground floor between shop units.
- The leasing/allotment of Kiosks shall be done directly by the Authority.



Ground Floor Plan



First Floor Plan

Figure 6: Floor Plan for Shopping Arcade

LOCATION	DETAILS OF FINISHES AND INSTALLATIONS			
	FLOOR	CEILING	WALLS	FURNITURE
Shops (G.F and F.F)	Vitrified Tiles	Clip in metal Ceiling	Emulsion painting	-
Enquiry Counter (GF)	Stone Flooring	Loop Ceiling	Emulsion painting	Enquiry counter
Waiting Lounge (FF)	Stone Flooring	Loop Ceiling	Emulsion painting	Furniture, TV etc.
Common Area	Stone Flooring	Gypsum False Ceiling	Emulsion painting	-

v. **BLOCK 5: CRAFTS MUSEUM**

The Museum block, a G+2 structure having total built-up area of 3950 sq. mt. Presently a separate agency is being selected for design, build, maintain and operate the Crafts Museum.

It is envisaged to create a story-driven and engaging experience for visitors, the museum and the exhibition gallery includes provision for display of textiles, carpets and handicrafts in an engaging environment.

Amphitheater: The open air theatre surrounded by the arms of the Museum Block has been designed to accommodate 250 to 300 guests and shall host multiple cultural events and light and sound shows.



vi. BUILDING INFRASTRUCTURE AVAILABLE^{xi}

1. DETAILS OF WATER TANKS

OVERHEAD TANKS					
Fire	Office	Convention	Food	Shop	Museum
	10,000 L	10,000 L	10,000 L	10,000 L	10,000 L
Domestic	9,000 L	14,000 L	32,000 L	-	9,500 L
Flushing	6,000 L	9,000 L	3,000 L	-	6,500 L
HVAC (Water tank)	35,000 L	-	-	-	-
UNDER GROUND TANKS					
Number of tanks (Raw / Domestic / Fire)	1,10,000 L (Raw Water Tank)				
Capacity	1,10,000 L (Treated Water Tank)				
	1,00,000 L X 2 (Fire Tank) = 2,00,000 L				

2. DETAILS OF LIFTS AND STAIRCASES

DESCRIPTION	QUANTITY	FINISHING / SPECIFICATIONS
Staircases in the building	11	Chunar sand stone
Lifts	11 LIFTS (16 PAX EACH)	Supplier: Mitsubishi
Good lift	02 Lift (1600 Kg Each)	Supplier: Mitsubishi
Escalators	2 Nos	Supplier: Mitsubishi

3. AIRCONDITIONING SYSTEM

DESCRIPTION	QUANTITY	FINISHING / SPECIFICATIONS
Air Conditioning	3 X 400 TR	Supplier: To be provided

4. ELECTRICAL INSTALLATION

DESCRIPTION	DETAILS
Number of DG sets:	3 + 1
KVA Rating:	3 x 1500 KVA + 1 x 500 KVA
Installed Load:	5000 KVA
Number of Transformers:	3 Nos.

^{xi} Source: Data provided by project Architect SIKKA Associates Architects and Project Management Service Provider NBCC Ltd.

Capacity and Rating:	1600 KVA, 33KV / 433 volt Dry type
Number of HT Panels:	2
Capacity and Rating:	33 KV, 1500 MVA, 1 No. i/c + O/G, 1 No. i/c + 3 O/G
Number of LT Panels:	70
Capacity and Rating:	As per schematic
Number of UPS	1 x 160 KVA

5. EPBAX SYSTEM

DESCRIPTION	DETAILS
Suppliers Name:	UNIFY
Give brief description	IP Based

6. FIRE PROTECTION SYSTEM

DESCRIPTION	DETAILS
Wet Risers (Yes / No)	Yes
Sprinklers (Yes / No)	Yes
Gas Suppression System (Yes/No)	No
Portable Extinguishers Yes / No.	Yes

7. FIRE ALARM SYSTEM

DESCRIPTION	DETAILS
Suppliers Name:	Edward (Addressable System)
No of Smoke detectors	2076 Nos.

8. BUILDING AUTOMATION SYSTEM

DESCRIPTION	DETAILS
Suppliers Name:	Schneider
Give brief description:	Covers HVAC, DG Set, Monitoring & Power Supply

9. ACCESS CONTROL SYSTEM: NA

10. CCTV SYSTEM

DESCRIPTION	DETAILS
Suppliers Name:	Pelco
No of Dome camera	120
No. of IR Bullet Camera	54
Nos. of PTZ Camera	40
No of Monitors / Multiplexers	12
Recording Mechanism	DVR

11. LANDSCAPING AND GARDENING

DESCRIPTION	DETAILS
Area of the Lawn/Garden:	16000 Sq. m
Any Fountains /Water Bodies present? If so mention the number	2 Nos – (35 Sq. m and 60 Sq. m)
Potted Plants Required for interiors and outside?	Yes

vii. DESCRIPTION OF AVAILABLE FURNITURE ^{xii}

S No	Description	Size	Qty
Food Court & Dinning			
1	Café Table-1	750mm x 750mm x 750mm	11
2	Café Table-2	1200mm x 750mm x 750mm	68
3	Café Table-3	1800mm x 750mm x 750mm	15
4	Café Chair Indoor	-	328
Office Furniture			
1	Workstation-1	1200mm x 1650mm x 1200mm	17
2	Workstation-2	1200mm x 1500mm x 1200mm	27
3	Workstation-3	3200mm x 2700mm x 1200mm	5
4	Workstation-4	3200mm x 2700mm x 1200mm	3
5	Workstation Chair	-	39
6	Manager Chair	-	8
7	Office Visitor Chair	-	16
8	Executive Table with Side Unit	MD-2200mm x 1190mm x 750mm ERU-1380mm x 480mm x 700mm Pedestal- 406mm x 550mm x 640mm	2
9	Executive Back Unit	2410mm x 425mm x 1215mm	2
10	Executive Main Chair	-	2
11	Executive Visitor Chair	-	6
12	Discussion Table -1	1500mm X 600mm X 750mm	3
13	Discussion Table -2	1350mm X 600mm X 750mm	2
14	Discussion Chair	-	24
15	Sofa 3 Seater	-	2
16	Sofa 2 Seater (For VIP Lounge)	-	6
17	Sofa 1 Seater	-	13
18	Side Table	500mm x 500mm x 428mm	14

^{xii} Source: Data provided by project Architect SIKKA Associates Architects and Project Management Service Provider NBCC Ltd.

19	Center Table	1000mm x 600mm x 428mm	7
20	Reception Table-1	2100mm x 900mm x 1050mm	2
21	Reception Table-2	4500mm x 900mm x 1050mm	3
22	Green Room Counter	6000mm X 600mm X 750mm	2
23	Green Room Drawer	Metal Pedestal: 450mm X 435mm X 646mm	8
24	Green Room Chair	Bar Stool	12
25	Office Storages	2100mm x 450mm x 1219mm	7
Dormitory & Guest Houses			
1	Double Bed (Ante Room)	2180mm x 1880mm x 940mm	1
2	Single Bed	2080mm x 960mm x 870mm	117
3	Bed Side Table -1	420mm x 450mm x 450mm	236
4	Sofa 3 Seater	-	12
5	Sofa 2 Seater	-	6
6	Sofa 1 Seater	-	30
7	Side Table	500mm x 500mm x 428mm	36
8	Center Table	1000mm x 600mm x 428mm	18
9	Console Storages	800mm x 500mm x 1295mm	12
10	Wardrobe	900mm x 500mm x 2013mm	135
11	Luggage Rack	946mm x 598mm x 1941mm	18
12	Console for TV	1800mm x 400mm x 400mm	4
13	Easy Chair for Ante Room	-	1

Annexure 2: Comprehensive detail of infrastructure available at TFC&CM: ^{xiii}

Below table provides only an indicative understanding of the infrastructure available at TFC&CM, Varanasi and is non-exhaustive:

TRADE FACILITATION CENTER & CRAFTS MUSEUM ,VARANASI UTTAR PRADESH					
S.No.	Description	QTY	Unit	Warranty/DLP	AMC Required.
	Major Equipment/ Services				
	Electrical SYSTEM				
	Light fittings	1	Lot		
	Façade Lighting	1	Lot		
	MV Panel	86	Nos.		
	Bus Trunking 2500 Amp	400	Mtr.		
	33 kV single panel HT VCB	1	set		
	33 kV three Panel HT VCB	1	set		
	Transformer 1600 kVA	3	Set		
	DG Set 1500 kVA Silent type DG set	3.0	Set		
	500 KVA Silent type DG set	1	set		
	160 KVA UPS	1.0	Set		
	SOLAR SYSTEM of 10 KWp each	10.0	Nos.		
	Solar Water heater 125 ltr/day	2	Set		
	Subtotal electrical system			1 year from the date of commissioning	Yes
	Lift and Escalators				
	i) Speed- 1.5 m/sec				
	ii) Floors- 6 No				
	vii) Control - Duplex	2.0	Set		

^{xiii} Source: Data provided by project Architect SIKKA Associates Architects and Project Management Service Provider NBCC Ltd.

	Location:- Food Court Block (Grid HI/17-18)				
	i) Speed- 1.5 m/sec				
	ii) Floors- 6 No				
	vii) Control - Duplex	4.0	Set		
	Location:- Craft Court Block				
	i) Speed- 1.0m/sec				
	ii) Floors- 2 No				
	vii) Control - Duplex	2.0	Set		
	Location:- Museum Block				
	i) Speed- 1.0m/sec				
	ii) Floors- 3 No				
	vii) Control - Duplex	2.0	Set		
	GOODS ELEVATOR				
	1600 KG Goods Lift				
	i) Speed- 1.0 m/sec				
	ii) Floors- 6 No				
	vii) Control - Simplex	2.0	Set		
	ESCALATORS				
	Escalators - Up & Down Rise 5.0 m	2.0	Set		
	Subtotal lift and escalators			1 year from the date of commissioning	Yes
	CCTV SYSTEM				
	indoor dome cameras 2 megapixel CMOS 2 Megapixel Camera	145.0	Set		
	2 Megapixel WDR HD Network IR-Bullet Network Camera,	59.0	Set		
	PTZ Camera Camera,	40	Set		
	Network Attached storage system for cctv system	12	Set		
	Computer	8	Set		
	40" LCD panel	12	Set		

	UTP-Racks, Rack accessories & Local Components and active device	1	Lot		
	Fibre optic				
	6 core PVC jacket multimode fiber cable loose tube (armoured) OM3 - 50/125 micron	1	Lot		
	Fiber Optic Drawer - LIU Unloaded	30	Nos.		
	LC Adapter Unit for 6 Multimode Fibers	40	Nos.		
	LC Pigtails MM 50/125mn	384	Nos.		
	LC/LC Duplex Patch Cords OM3 - 3 mtr	70	Nos.		
	Total for CCTV System			1 year from the date of commissioning	Yes
	EPABX				
	f) 1 PRI Trunk lines (60 Ch) Circuit with CLIP Facility				
	g) 16 CO Trunk Lines				
	h) 350 Analog users with CLIP Facility				
	i) 40 IP Users with Licenses	1	Set	1 year from the date of commissioning	Yes
	Telephone Instruments and other accessories of EPABX	1.0	LOT	1 year from the date of commissioning	Yes
	Fire alarm system				
	addressable multisensor detector with a combination of Optical and Thermal	2050.0	Nos.		
	beam Detectors	4.0	Nos.		
	Addressable Manual Pull Station	61.0	Nos.		
	Addressable type fault isolator	91.0	Nos.		
	Addressable control modules for Fire Fighters Telephone circuit.	46.0	Nos.		

	Addressable control relay modules for AHU, Axial fans control & lift well Pressurization Fan etc .	150.0	Nos.		
	Addressable monitor modules for Sprinkler Flow Switch and Door Holders.	36.0	Nos.		
	Response indicator	1200.0	Nos.		
	Directional Sounders	61.0	Nos.		
	Addressable Strobe Lights Cum Hooter with 110 cd	61.0	Nos.		
	1 digital voice evacuation 2 way Communication Fire Fighter Controller/System	1.0	Nos.		
	Digital Audio Amplifier	1.0	Nos.		
	Ceiling Mounted speakers	632.0	Nos.		
	Wall Mounted speakers	85.0	Nos.		
	2 way communication Fire Fighter's Telephone Jack	47.0	Nos.		
	2 way communication Fire Fighter's Telephone Handset	5.0	Nos.		
	Fire panel	1.0	Nos.		
	GUI based main network software,	1.0	Nos.		
	N/W repeater panel	1.0	Nos.		
	Annunciator (Zone Selector)	1.0	Nos.		
	Networked Fire Fighters 19 inch Touch screen Graphical Display Mimic	1.0	Nos.		
	Subtotal Fire alarm system			1 year from the date of commissioning	Yes
	BMS				
	Central control workstation consisting of the CPU	1.0	Nos.		
	Building Management System software	1.0	Nos.		
	Integrators	1.0	Nos.		
	Stand alone Intelligent UL listed 32bit DDC Controllers	1.0	Nos.		
	32 bit UL listed System Integration Units/ Supervisory Control Units	1.0	Nos.		
	hand held portable operator terminals.(POT) a	1.0	Nos.		

Sensors :			Nos.		
Duct type Temperature Sensor	25.0		Nos.		
Outside air temperature & humidity sensors for measuring Ambient conditions	1.0		Nos.		
Differential pressure switches across the Fans for indicating the air flow status.	58.0		Nos.		
Bi- Level Switches for measuring water level in UG & OH Tanks	8.0		Nos.		
Flame proof Bi- level switch for measuring fuel level in day oil tanks	5.0		Nos.		
Water Pressure transmitters for measuring hydrant pressure.	1.0		Nos.		
Voltage Transducer for measuring DG Battery Voltage status.	9.0		Nos.		
Sub total BMS				1 year from the date of commissioning	Yes
Fire fighting pumps and equipment's					
Valves , Sprinklers etc.	1.0		Lot		
Fire Extinguishers	1		Lot		
Fire fighting pumps					
Electric driven Hydrant Pump & Sprinkler pump					
Discharge - 2850 lpm					
Head - 70 m					
Type of pump - End suction	2.0		Set		
Electric driven water curtain pump					
Discharge - 2850 lpm					
Head - 40 m					
Type of pump - End suction	1.0		set		
Jockey Pump					
Discharge - 300 lpm					
Head - 70 m					
Type of pump - End suction	2.0		set		
Hydrant Pump s					
The pump shall be of the following specifications:					

Discharge	- 2850 lpm				
Head	- 70 m				
Type of pump	- End Suction	1.0	set		
diesel engine water curtain Pump					
The pump shall be of the following specifications:					
Discharge	- 2850 lpm				
Head	- 40 m				
Type of pump	- End Suction	1.0	set		
Electrical Panel		1.0	Set		
Sub total fire fighting pumps and accessories				1 year from the date of commissioning	Yes
Water Pumps					
Vertical in line type pump					
Filter Feed pumps					
Pump capacity - 250 lpm					
Head	- 30 m	3.0	Nos.		
Domestic water transfer pumps					
Pump capacity - 500 lpm					
Head - 40 m					
RPM	- 2900	3.0	Nos.		
Flushing water transfer pumps					
Pump capacity - 400 lpm					
Head - 40 m					
RPM	- 2900	2.0	Nos.		
Softner Feed pumps					
Pump capacity - 350 lpm					
Head - 30 m					

	RPM - 2900	2.0	Nos.		
	HVAC makeup water transfer pumps				
	Pump capacity - 650 lpm				
	Head - 40 m				
	RPM - 2900	2.0	Nos.		
	mono block submersible drainage pumps				
	Capacity 300 lpm & Head 10 m (in basement)	14.0	Nos.		
	Capacity 500 lpm & Head 10 m (in pump room)	2.0	Nos.		
	Sub head water pumps			1 year from the date of commissioning	Yes
	STP- 200 KLD				
	Manual Bar screen in SS-304 for 200m ³ /day at the inlet of receiving sump common for both modules.				
	Size 1000 x 1000	1	Nos.		
	Sewage pumps: Centrifugal type, non clog self priming pumps				
	Capacity 5m ³ /hr at 12m head	3	Nos.		
	Sludge pumps:				
	Capacity 5m ³ /hr at 12m head	2	Nos.		
	Air Blowers:				
	Capacity- 130m ³ /hr @ 6000 MMWG	3	Nos.		
	Air Grids (2 sets):				
	Filter Feed pumps:				
	Capacity 12m ³ /hr at 30m head.-1 No.	3	Nos.		
	Filter press feed screw pumps	2	Nos.		
	Treated water pumps:				
	Capacity 12m ³ /hr at 50m head - 1 working	2	Nos.		
	Filter Press	1	Nos.		
	Providing and fixing UV reactor	2	Nos.		
	Vertical, MSRL, filter:				

	Capacity 12m3/hr at 3.0kg/cm2	2	Nos.		
	Vertical, MSRL, activated carbon filter:				
	Capacity 12m3/hr at 3.0kg/cm2	2	Nos.		
	Flow meter				
	65 mm dia.	2	Nos.		
	Ozonator	2	Nos.		
	Electrical Panel	1	Nos.		
	Sub total : STP			1 year from the date of commissioning	Yes
	HVAC EQUIPMENT:				
1.0	CHILLERS :				
1.1	WATER COOLED CENTRIFUGAL / SCREW CHILLERS WITH VFD :				
	400TR	3	Nos	1 year from the date of commissioning	Yes
2	PRIMARY PUMPS:				
2.1	Chilled Water Primary Pumps ,(25HP)				
	Water Flow Rate – 960 USGPM				
	Head – 15 M	3	Nos		
2.2	Hot Water Primary Pumps (5HP)				
	Water Flow Rate – 190 USGPM				
	RPM – 1450				
		3	Nos		
3	SECONDARY CHILLED WATER PUMPS WITH VFDS :				
3.1	For Office Block				
	Water Flow Rate – 590 USGPM				
	Head – 36 M				

	Rating - 30HP	2	Nos		
3.2	<u>For Convention Block</u>				
	Water Flow Rate – 1017 USGPM				
	Head – 32 M				
	RPM – 1450	2	Nos		
3.3	<u>For Food Court & Craft Bazar Block</u>				
	RPM – 1450				
	Suggested Motor HP – 30 HP	2	Nos		
3.4	<u>For Museum Block</u>				
	RPM – 1450				
	Suggested Motor HP – 30 HP	2	Nos		
4	CONDENSER WATER PUMPS:				
	Water Flow Rate – 1600 USGPM				
	Head – 28 M	2	Nos		
	Sub Total HVAC Pumps			1 year from the date of commissioning	Yes
5	COOLING TOWER :				
	Water Flow rate – 1600 USGPM				
	Condenser Water In – 97.5oF				
	Condenser Water Out – 90oF				
	Recommended Motor HP – 2 No.10 HP	3	Nos	1 year from the date of commissioning	Yes
6	ELECTRIC HOT WATER GENERATOR :				
	Capacity – 250 KW				
	Water 'IN' temperature – 50 deg C				
	Capacity - 250 KW				
	Water 'OUT' temperature – 55 deg C	2	Nos	1 year from the date of commissioning	Yes

7	AIR HANDLING UNITS :	9		1 year from the date of commissioning	Yes
	<u>Ceiling Suspended AHU:</u>	87		1 year from the date of commissioning	Yes
10.0	FAN COIL UNITS :				
	Supply, Installation, testing & commissioning of horizontal FAN COIL UNITS,	6		1 year from the date of commissioning	Yes
11.0	AIR COOLED SPLIT AIR CONDITIONING UNITS :				
ii	1.5 TR	14	Nos	1 year from the date of commissioning	Yes
iii	2.0 TR	35	Nos	1 year from the date of commissioning	Yes
12.0	AIR COOLED DUCTABLE TYPE SPLIT AIR CONDITIONING UNITS :				
i	3.0 TR	13	Nos	1 year from the date of commissioning	Yes
ii	5.5 TR	4	Nos	1 year from the date of commissioning	Yes
13.0	EVAPORATIVE COOLING SYSTEM (FILL TYPE) :				
	Air Qty (CFM) S.P. (mmwg)				
iv	12500 50	2	Nos	1 year from the date of commissioning	Yes
14.0	DRY SCRUBBER :				
	Air Qty (CFM) S.P. (mmwg)				
iii	15000 65	2	Nos	1 year from the date of commissioning	Yes

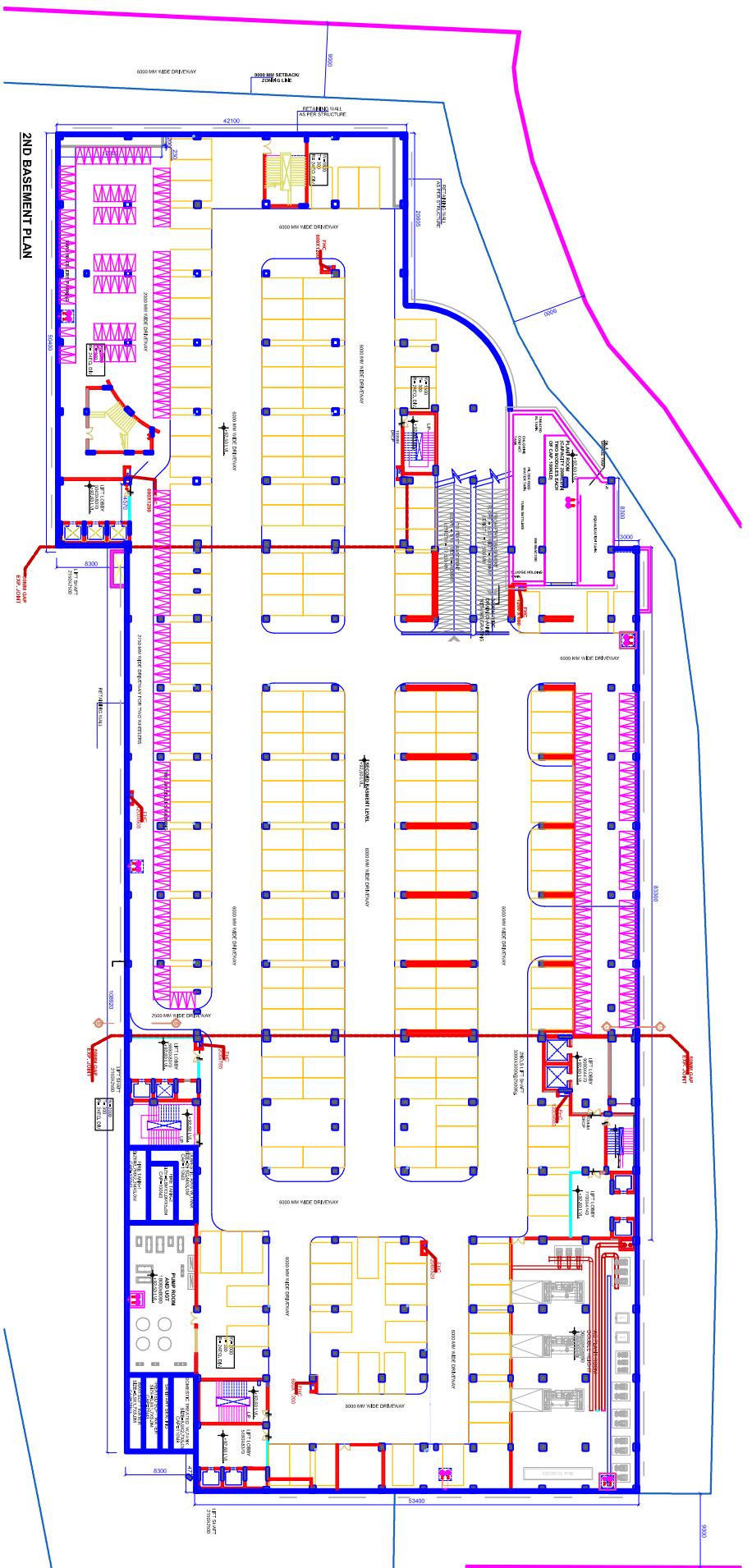
16.0	AXIAL FLOW FANS :				
16.1	EXHAUST AIR AXIAL FLOW FANS :				
	Air Qty (CFM)	S.P. (mmwg)			
ii	27500	30	4	Nos	1 year from the date of commissioning Yes
vi	22500	30	1	Nos	1 year from the date of commissioning Yes
vii	20000	30	1	Nos	1 year from the date of commissioning Yes
ix	18000	30	16	Nos	1 year from the date of commissioning Yes
x	15000	30	8	Nos	1 year from the date of commissioning Yes
xxi	6000	25	3	Nos	1 year from the date of commissioning Yes
16.2	SUPPLY AIR AXIAL FLOW FANS :				
	Air Qty (CFM)	S.P. (mmwg)			
vi	22500	30	1	Nos	1 year from the date of commissioning Yes
vii	20000	30	1	Nos	1 year from the date of commissioning Yes
ix	18000	30	10	Nos	1 year from the date of commissioning Yes
x	15000	30	8	Nos	1 year from the date of commissioning Yes
xii	12000	25	1	Nos	1 year from the date of commissioning Yes
xv	6000	25	9	Nos	1 year from the date of commissioning Yes
17.0	INLINE FANS :				

i	Air Qty (CFM)	S.P.(mmwg)			
ii	1900	25	1	Nos	1 year from the date of commissioning Yes
iii	1800	25	1	Nos	1 year from the date of commissioning Yes
iv	1700	25	2	Nos	1 year from the date of commissioning Yes
v	1500	25	2	Nos	1 year from the date of commissioning Yes
vi	1100	25	13	Nos	1 year from the date of commissioning Yes
vii	900	20	3	Nos	1 year from the date of commissioning Yes
viii	750	20	6	Nos	1 year from the date of commissioning Yes
18.0	PROPELLER FANS :				
iv)	200 mm dia 900 RPM		8	Nos	1 year from the date of commissioning Yes
1.1	HVAC MAIN PANEL :				
	Location:- AC Plant Room				
	Power & Control Centre for HVAC Plant Room as described above		1	Nos	1 year from the date of commissioning Yes
2.0	STARTER PANELS FOR FLOOR MOUNTED / CEILING SUSPENDED AHUs / AHU CUM TFA UNITS / AHU FAN SECTIONS / PRESSURISATION & SMOKE EXTRACTION FANS				
a)	Starters for CSUS		110	Nos	1 year from the date of commissioning Yes
	Audio system complete with stage lighting , trusses etc.				
	Passive Line Array Loudspeaker.		16	Nos	
	18" Passive Subwoofer.		2	Nos	
	Fly Bar for above speaker and subwoofer		2	Nos	

	Pull Back Bar For Array Frame Speaker	2	Nos		
	4 Ch. Power Amplifier .	8	Nos		
	32-channel Digital Mixer .	1	Nos		
	Digital Signal processor with 24 I/O configurable	1	Nos		
	Wireless Hand held Microphone	1	Nos		
	Wireless lapel Microphone	1	Nos		
	300 mm Condenser gooseneck microphohe .	1	Nos		
	Dynamic microphone (cardioid) for instruments .	1	Nos		
	Instrument Microphone with Transducer type: Condenser .	1	Nos		
	Professional acoustically open headphone for monitoring and studio.	1	Nos		
	UHF Antennae Distribution system, Supports Upto 4 Wireless Receivers	2	Nos		
	UHF wideband groundplane antenna	4	Nos		
	Mic Boom Table stand	4	Nos		
	Mic Boom Floor stand	4	Nos		
	Mic/ Line 2 XLR Input Plate.	6	Nos		
	Digital podium .	1	Nos		
	LED PAR Light.	18	Nos		
	Moving Head.	12	Nos		
	Static Luminaire Light.	6	Nos		
	Laser Light.	2	Nos		
	Lighting Console.	1	Nos		
	Professional live operation laser control software	1	Nos		
	Haze Generator.	2	Nos		
	Follow Spot Light.	2	Nos		
	DMX Splitter.	1	Nos		
	Truss .with motor etc.	1	LOT		
	Subtotal Audio System			1 year from the date of commissioning	Yes
	Retractable furniture	606	Seats		Yes

Annexure 3: Drawings for TFC&CM: ^{xiv}

^{xiv} **Source:** Data provided by project Architect SIKKA Associates Architects and Project Management Service Provider NBCC Ltd.



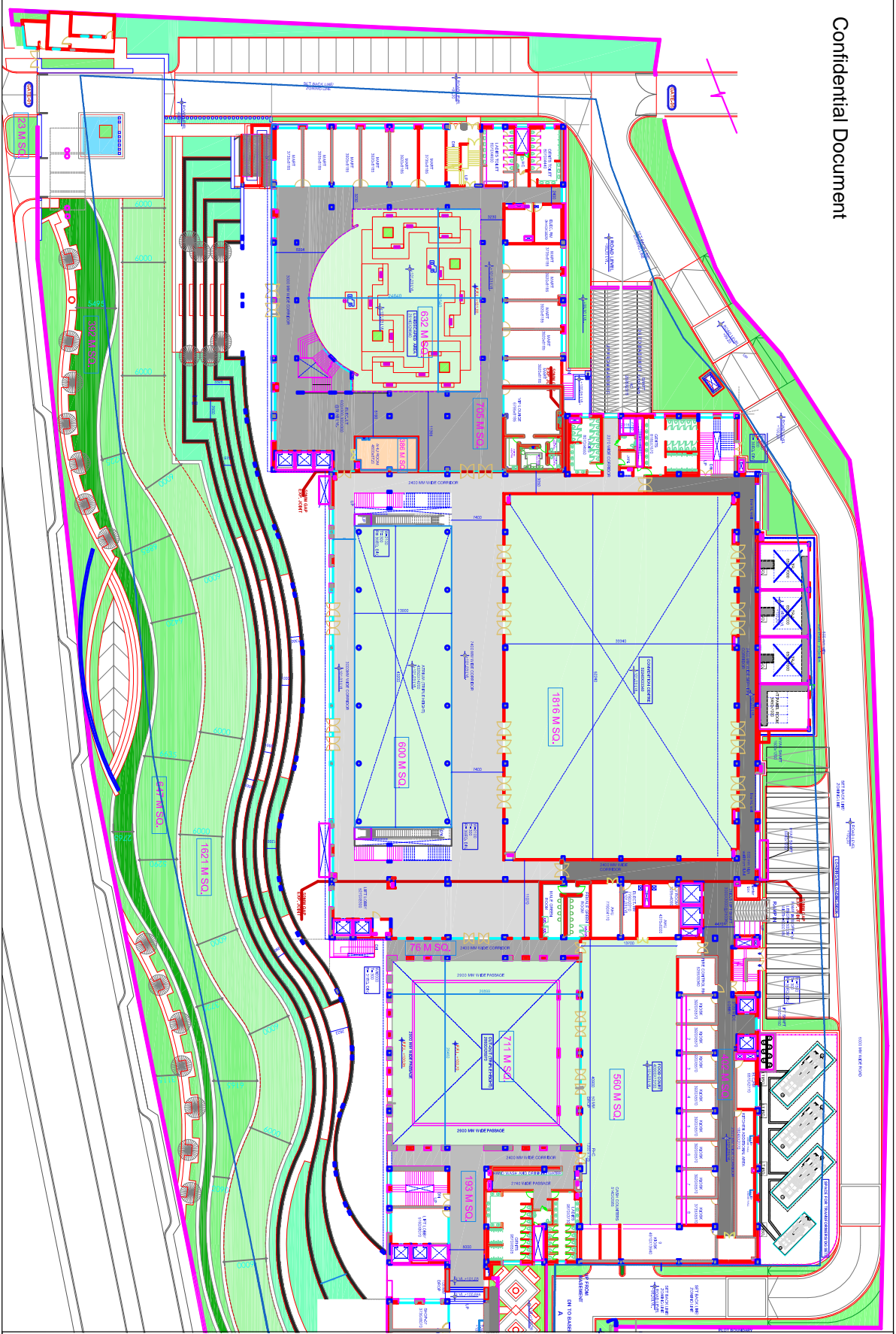
<p>GENERAL NOTES</p> <p>1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING REGULATIONS AND THE NATIONAL ELECTRICAL REGULATIONS.</p> <p>2. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE RELEVANT AUTHORITIES.</p> <p>3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.</p> <p>4. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.</p> <p>5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING SERVICES AND STRUCTURES.</p> <p>6. ALL UTILITIES SHALL BE IDENTIFIED AND PROTECTED PRIOR TO COMMENCEMENT OF WORK.</p> <p>7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SERVICES AND STRUCTURES.</p> <p>8. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.</p> <p>9. THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES.</p> <p>10. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE RELEVANT AUTHORITIES.</p>	
<p>PART-1</p>	
<p>Integral Designs</p> <p>LANDSCAPE: Hardscape, Softscape, Irrigation, Lighting, Fencing, Security, etc.</p> <p>MECHANICAL: HVAC, Ventilation, Exhaust, etc.</p> <p>ELECTRICAL: Power, Lighting, Data, etc.</p> <p>PLUMBING: Water, Sewer, Gas, etc.</p> <p>STRUCTURAL: Foundations, Columns, Beams, etc.</p> <p>INTERIOR: Partitions, Ceilings, Floors, etc.</p> <p>EXTERIOR: Facades, Roofs, etc.</p> <p>ENVIRONMENTAL: Acoustic, Thermal, etc.</p> <p>SAFETY: Fire, Security, etc.</p> <p>ACCESSIBILITY: Ramps, Lifts, etc.</p> <p>UTILITIES: Power, Water, Gas, etc.</p> <p>TELECOMMUNICATIONS: Data, Voice, etc.</p> <p>TRANSPORTATION: Parking, Driveways, etc.</p> <p>ENVIRONMENTAL: Acoustic, Thermal, etc.</p> <p>SAFETY: Fire, Security, etc.</p> <p>ACCESSIBILITY: Ramps, Lifts, etc.</p> <p>UTILITIES: Power, Water, Gas, etc.</p> <p>TELECOMMUNICATIONS: Data, Voice, etc.</p> <p>TRANSPORTATION: Parking, Driveways, etc.</p>	
<p>ARCHITECT: HEC CONSULTANTS</p> <p>SKKA ASSOCIATES ARCHITECTS</p> <p>10, Al-Fayez Street, Al-Dhaima, Baghdad, Iraq</p> <p>TEL: +964-770-1000000</p> <p>WWW.SKKA.AE</p>	
<p>CLIENT: AMERICAN WORKMAN</p> <p>TRADING FACILITATION CENTER & CHAMBERS</p> <p>AL-DHAIMA, BAGHDAD, IRAQ</p>	
<p>DESIGN: OFFICE OF TEXTILE</p> <p>MINISTRY OF COMMERCE (DAND/COMB)</p> <p>NEW DELHI</p> <p>TEL: +91-11-41073000</p>	
<p>ENGINEER: HEC CONSULTANTS</p> <p>10, Al-Fayez Street, Al-Dhaima, Baghdad, Iraq</p> <p>TEL: +964-770-1000000</p> <p>WWW.HECCONSULTANTS.COM</p>	
<p>DATE ISSUED: 2023/01/10</p> <p>DRAWN BY: HEC CONSULTANTS</p> <p>CHECKED BY: HEC CONSULTANTS</p>	
<p>SCALE: 1:500</p> <p>PROJECT NO: 2023/01/10</p> <p>CLIENT: AMERICAN WORKMAN</p> <p>PROJECT: TRADING FACILITATION CENTER & CHAMBERS</p> <p>LOCATION: AL-DHAIMA, BAGHDAD, IRAQ</p> <p>PHASE: SECOND BASEMENT PLAN</p>	
<p>ENG. NO.: TFC/A-2023/R3</p>	



FIRST BASEMENT PLAN

Confidential Document

<p>GENERAL NOTES</p> <p>1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CANADIAN NATIONAL BUILDING CODE (CNBC) AND ALL APPLICABLE BY-LAWS.</p> <p>2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AUTHORITIES.</p> <p>3. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE APPLICABLE AUTHORITIES.</p> <p>4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.</p> <p>5. ALL UTILITIES SHALL BE PROTECTED AND MARKED PRIOR TO ANY EXCAVATION WORK.</p> <p>6. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.</p> <p>7. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE ARCHITECT AND THE APPLICABLE AUTHORITIES.</p>	
<p>PART-1</p>	
<p>LEGEND</p> <ul style="list-style-type: none"> 400mm WALL 150mm WALL (CORE) (CORE) 	
<p>Integrat Design</p> <p>1. PROJECT NAME: MINISTRY OF TEXTILE AND FUR INDUSTRIES (MTCI) - NEW DELHI</p> <p>2. PROJECT ADDRESS: MINISTRY OF TEXTILE AND FUR INDUSTRIES (MTCI) - NEW DELHI</p> <p>3. PROJECT NO: 11-11-111111</p> <p>4. PROJECT DATE: 11-11-1111</p> <p>5. PROJECT SCALE: 1:100</p> <p>6. PROJECT STATUS: CONCEPT DESIGN</p> <p>7. PROJECT TYPE: OFFICE BUILDING</p> <p>8. PROJECT AREA: 10000 SQ. M.</p> <p>9. PROJECT BOUNDARY: 10000 SQ. M.</p> <p>10. PROJECT PERMIT: 10000 SQ. M.</p> <p>11. PROJECT APPROVAL: 10000 SQ. M.</p> <p>12. PROJECT REGISTRATION: 10000 SQ. M.</p> <p>13. PROJECT LICENSE: 10000 SQ. M.</p> <p>14. PROJECT CERTIFICATE: 10000 SQ. M.</p> <p>15. PROJECT PLAN: 10000 SQ. M.</p> <p>16. PROJECT SECTION: 10000 SQ. M.</p> <p>17. PROJECT ELEVATION: 10000 SQ. M.</p> <p>18. PROJECT DETAIL: 10000 SQ. M.</p> <p>19. PROJECT FINISH: 10000 SQ. M.</p> <p>20. PROJECT MATERIAL: 10000 SQ. M.</p> <p>21. PROJECT COLOR: 10000 SQ. M.</p> <p>22. PROJECT TEXTURE: 10000 SQ. M.</p> <p>23. PROJECT SOUND: 10000 SQ. M.</p> <p>24. PROJECT LIGHT: 10000 SQ. M.</p> <p>25. PROJECT AIR: 10000 SQ. M.</p> <p>26. PROJECT WATER: 10000 SQ. M.</p> <p>27. PROJECT ELECTRIC: 10000 SQ. M.</p> <p>28. PROJECT TELEPHONE: 10000 SQ. M.</p> <p>29. PROJECT DATA: 10000 SQ. M.</p> <p>30. PROJECT VIDEO: 10000 SQ. M.</p> <p>31. PROJECT AUDIO: 10000 SQ. M.</p> <p>32. PROJECT VISUAL: 10000 SQ. M.</p> <p>33. PROJECT TACTILE: 10000 SQ. M.</p> <p>34. PROJECT OLFAC: 10000 SQ. M.</p> <p>35. PROJECT GUSTO: 10000 SQ. M.</p> <p>36. PROJECT PALATO: 10000 SQ. M.</p> <p>37. PROJECT NASO: 10000 SQ. M.</p> <p>38. PROJECT OCULO: 10000 SQ. M.</p> <p>39. PROJECT OTICO: 10000 SQ. M.</p> <p>40. PROJECT TACTO: 10000 SQ. M.</p> <p>41. PROJECT GUSTO: 10000 SQ. M.</p> <p>42. PROJECT PALATO: 10000 SQ. M.</p> <p>43. PROJECT NASO: 10000 SQ. M.</p> <p>44. PROJECT OCULO: 10000 SQ. M.</p> <p>45. PROJECT OTICO: 10000 SQ. M.</p> <p>46. PROJECT TACTO: 10000 SQ. M.</p> <p>47. PROJECT GUSTO: 10000 SQ. M.</p> <p>48. PROJECT PALATO: 10000 SQ. M.</p> <p>49. PROJECT NASO: 10000 SQ. M.</p> <p>50. PROJECT OCULO: 10000 SQ. M.</p> <p>51. PROJECT OTICO: 10000 SQ. M.</p> <p>52. PROJECT TACTO: 10000 SQ. M.</p> <p>53. PROJECT GUSTO: 10000 SQ. M.</p> <p>54. PROJECT PALATO: 10000 SQ. M.</p> <p>55. PROJECT NASO: 10000 SQ. M.</p> <p>56. PROJECT OCULO: 10000 SQ. M.</p> <p>57. PROJECT OTICO: 10000 SQ. M.</p> <p>58. PROJECT TACTO: 10000 SQ. M.</p> <p>59. PROJECT GUSTO: 10000 SQ. M.</p> <p>60. PROJECT PALATO: 10000 SQ. M.</p> <p>61. PROJECT NASO: 10000 SQ. M.</p> <p>62. PROJECT OCULO: 10000 SQ. M.</p> <p>63. PROJECT OTICO: 10000 SQ. M.</p> <p>64. PROJECT TACTO: 10000 SQ. M.</p> <p>65. PROJECT GUSTO: 10000 SQ. M.</p> <p>66. PROJECT PALATO: 10000 SQ. M.</p> <p>67. PROJECT NASO: 10000 SQ. M.</p> <p>68. PROJECT OCULO: 10000 SQ. M.</p> <p>69. PROJECT OTICO: 10000 SQ. M.</p> <p>70. PROJECT TACTO: 10000 SQ. M.</p> <p>71. PROJECT GUSTO: 10000 SQ. M.</p> <p>72. PROJECT PALATO: 10000 SQ. M.</p> <p>73. PROJECT NASO: 10000 SQ. M.</p> <p>74. PROJECT OCULO: 10000 SQ. M.</p> <p>75. PROJECT OTICO: 10000 SQ. M.</p> <p>76. PROJECT TACTO: 10000 SQ. M.</p> <p>77. PROJECT GUSTO: 10000 SQ. M.</p> <p>78. PROJECT PALATO: 10000 SQ. M.</p> <p>79. PROJECT NASO: 10000 SQ. M.</p> <p>80. PROJECT OCULO: 10000 SQ. M.</p> <p>81. PROJECT OTICO: 10000 SQ. M.</p> <p>82. PROJECT TACTO: 10000 SQ. M.</p> <p>83. PROJECT GUSTO: 10000 SQ. M.</p> <p>84. PROJECT PALATO: 10000 SQ. M.</p> <p>85. PROJECT NASO: 10000 SQ. M.</p> <p>86. PROJECT OCULO: 10000 SQ. M.</p> <p>87. PROJECT OTICO: 10000 SQ. M.</p> <p>88. PROJECT TACTO: 10000 SQ. M.</p> <p>89. PROJECT GUSTO: 10000 SQ. M.</p> <p>90. PROJECT PALATO: 10000 SQ. M.</p> <p>91. PROJECT NASO: 10000 SQ. M.</p> <p>92. PROJECT OCULO: 10000 SQ. M.</p> <p>93. PROJECT OTICO: 10000 SQ. M.</p> <p>94. PROJECT TACTO: 10000 SQ. M.</p> <p>95. PROJECT GUSTO: 10000 SQ. M.</p> <p>96. PROJECT PALATO: 10000 SQ. M.</p> <p>97. PROJECT NASO: 10000 SQ. M.</p> <p>98. PROJECT OCULO: 10000 SQ. M.</p> <p>99. PROJECT OTICO: 10000 SQ. M.</p> <p>100. PROJECT TACTO: 10000 SQ. M.</p>	
<p>ARCHITECT: SIKKA ASSOCIATES ARCHITECTS</p> <p>1. PROJECT NAME: MINISTRY OF TEXTILE AND FUR INDUSTRIES (MTCI) - NEW DELHI</p> <p>2. PROJECT ADDRESS: MINISTRY OF TEXTILE AND FUR INDUSTRIES (MTCI) - NEW DELHI</p> <p>3. PROJECT NO: 11-11-111111</p> <p>4. PROJECT DATE: 11-11-1111</p> <p>5. PROJECT SCALE: 1:100</p> <p>6. PROJECT STATUS: CONCEPT DESIGN</p> <p>7. PROJECT TYPE: OFFICE BUILDING</p> <p>8. PROJECT AREA: 10000 SQ. M.</p> <p>9. PROJECT BOUNDARY: 10000 SQ. M.</p> <p>10. PROJECT PERMIT: 10000 SQ. M.</p> <p>11. PROJECT APPROVAL: 10000 SQ. M.</p> <p>12. PROJECT REGISTRATION: 10000 SQ. M.</p> <p>13. PROJECT LICENSE: 10000 SQ. M.</p> <p>14. PROJECT CERTIFICATE: 10000 SQ. M.</p> <p>15. PROJECT PLAN: 10000 SQ. M.</p> <p>16. PROJECT SECTION: 10000 SQ. M.</p> <p>17. PROJECT ELEVATION: 10000 SQ. M.</p> <p>18. PROJECT DETAIL: 10000 SQ. M.</p> <p>19. PROJECT FINISH: 10000 SQ. M.</p> <p>20. PROJECT MATERIAL: 10000 SQ. M.</p> <p>21. PROJECT COLOR: 10000 SQ. M.</p> <p>22. PROJECT TEXTURE: 10000 SQ. M.</p> <p>23. PROJECT SOUND: 10000 SQ. M.</p> <p>24. PROJECT LIGHT: 10000 SQ. M.</p> <p>25. PROJECT AIR: 10000 SQ. M.</p> <p>26. PROJECT WATER: 10000 SQ. M.</p> <p>27. PROJECT ELECTRIC: 10000 SQ. M.</p> <p>28. PROJECT TELEPHONE: 10000 SQ. M.</p> <p>29. PROJECT DATA: 10000 SQ. M.</p> <p>30. PROJECT VIDEO: 10000 SQ. M.</p> <p>31. PROJECT AUDIO: 10000 SQ. M.</p> <p>32. PROJECT VISUAL: 10000 SQ. M.</p> <p>33. PROJECT TACTILE: 10000 SQ. M.</p> <p>34. PROJECT OLFAC: 10000 SQ. M.</p> <p>35. PROJECT GUSTO: 10000 SQ. M.</p> <p>36. PROJECT PALATO: 10000 SQ. M.</p> <p>37. PROJECT NASO: 10000 SQ. M.</p> <p>38. PROJECT OCULO: 10000 SQ. M.</p> <p>39. PROJECT OTICO: 10000 SQ. M.</p> <p>40. PROJECT TACTO: 10000 SQ. M.</p> <p>41. PROJECT GUSTO: 10000 SQ. M.</p> <p>42. PROJECT PALATO: 10000 SQ. M.</p> <p>43. PROJECT NASO: 10000 SQ. M.</p> <p>44. PROJECT OCULO: 10000 SQ. M.</p> <p>45. PROJECT OTICO: 10000 SQ. M.</p> <p>46. PROJECT TACTO: 10000 SQ. M.</p> <p>47. PROJECT GUSTO: 10000 SQ. M.</p> <p>48. PROJECT PALATO: 10000 SQ. M.</p> <p>49. PROJECT NASO: 10000 SQ. M.</p> <p>50. PROJECT OCULO: 10000 SQ. M.</p> <p>51. PROJECT OTICO: 10000 SQ. M.</p> <p>52. PROJECT TACTO: 10000 SQ. M.</p> <p>53. PROJECT GUSTO: 10000 SQ. M.</p> <p>54. PROJECT PALATO: 10000 SQ. M.</p> <p>55. PROJECT NASO: 10000 SQ. M.</p> <p>56. PROJECT OCULO: 10000 SQ. M.</p> <p>57. PROJECT OTICO: 10000 SQ. M.</p> <p>58. PROJECT TACTO: 10000 SQ. M.</p> <p>59. PROJECT GUSTO: 10000 SQ. M.</p> <p>60. PROJECT PALATO: 10000 SQ. M.</p> <p>61. PROJECT NASO: 10000 SQ. M.</p> <p>62. PROJECT OCULO: 10000 SQ. M.</p> <p>63. PROJECT OTICO: 10000 SQ. M.</p> <p>64. PROJECT TACTO: 10000 SQ. M.</p> <p>65. PROJECT GUSTO: 10000 SQ. M.</p> <p>66. PROJECT PALATO: 10000 SQ. M.</p> <p>67. PROJECT NASO: 10000 SQ. M.</p> <p>68. PROJECT OCULO: 10000 SQ. M.</p> <p>69. PROJECT OTICO: 10000 SQ. M.</p> <p>70. PROJECT TACTO: 10000 SQ. M.</p> <p>71. PROJECT GUSTO: 10000 SQ. M.</p> <p>72. PROJECT PALATO: 10000 SQ. M.</p> <p>73. PROJECT NASO: 10000 SQ. M.</p> <p>74. PROJECT OCULO: 10000 SQ. M.</p> <p>75. PROJECT OTICO: 10000 SQ. M.</p> <p>76. PROJECT TACTO: 10000 SQ. M.</p> <p>77. PROJECT GUSTO: 10000 SQ. M.</p> <p>78. PROJECT PALATO: 10000 SQ. M.</p> <p>79. PROJECT NASO: 10000 SQ. M.</p> <p>80. PROJECT OCULO: 10000 SQ. M.</p> <p>81. PROJECT OTICO: 10000 SQ. M.</p> <p>82. PROJECT TACTO: 10000 SQ. M.</p> <p>83. PROJECT GUSTO: 10000 SQ. M.</p> <p>84. PROJECT PALATO: 10000 SQ. M.</p> <p>85. PROJECT NASO: 10000 SQ. M.</p> <p>86. PROJECT OCULO: 10000 SQ. M.</p> <p>87. PROJECT OTICO: 10000 SQ. M.</p> <p>88. PROJECT TACTO: 10000 SQ. M.</p> <p>89. PROJECT GUSTO: 10000 SQ. M.</p> <p>90. PROJECT PALATO: 10000 SQ. M.</p> <p>91. PROJECT NASO: 10000 SQ. M.</p> <p>92. PROJECT OCULO: 10000 SQ. M.</p> <p>93. PROJECT OTICO: 10000 SQ. M.</p> <p>94. PROJECT TACTO: 10000 SQ. M.</p> <p>95. PROJECT GUSTO: 10000 SQ. M.</p> <p>96. PROJECT PALATO: 10000 SQ. M.</p> <p>97. PROJECT NASO: 10000 SQ. M.</p> <p>98. PROJECT OCULO: 10000 SQ. M.</p> <p>99. PROJECT OTICO: 10000 SQ. M.</p> <p>100. PROJECT TACTO: 10000 SQ. M.</p>	
<p>SCALE: 1:100</p> <p>DATE: 11-11-1111</p> <p>DRAWN BY: SIKKA ASSOCIATES ARCHITECTS</p> <p>CHECKED BY: SIKKA ASSOCIATES ARCHITECTS</p> <p>PROJECT: FIRST BASEMENT PLAN</p> <p>TFC/A-201/R/3</p>	



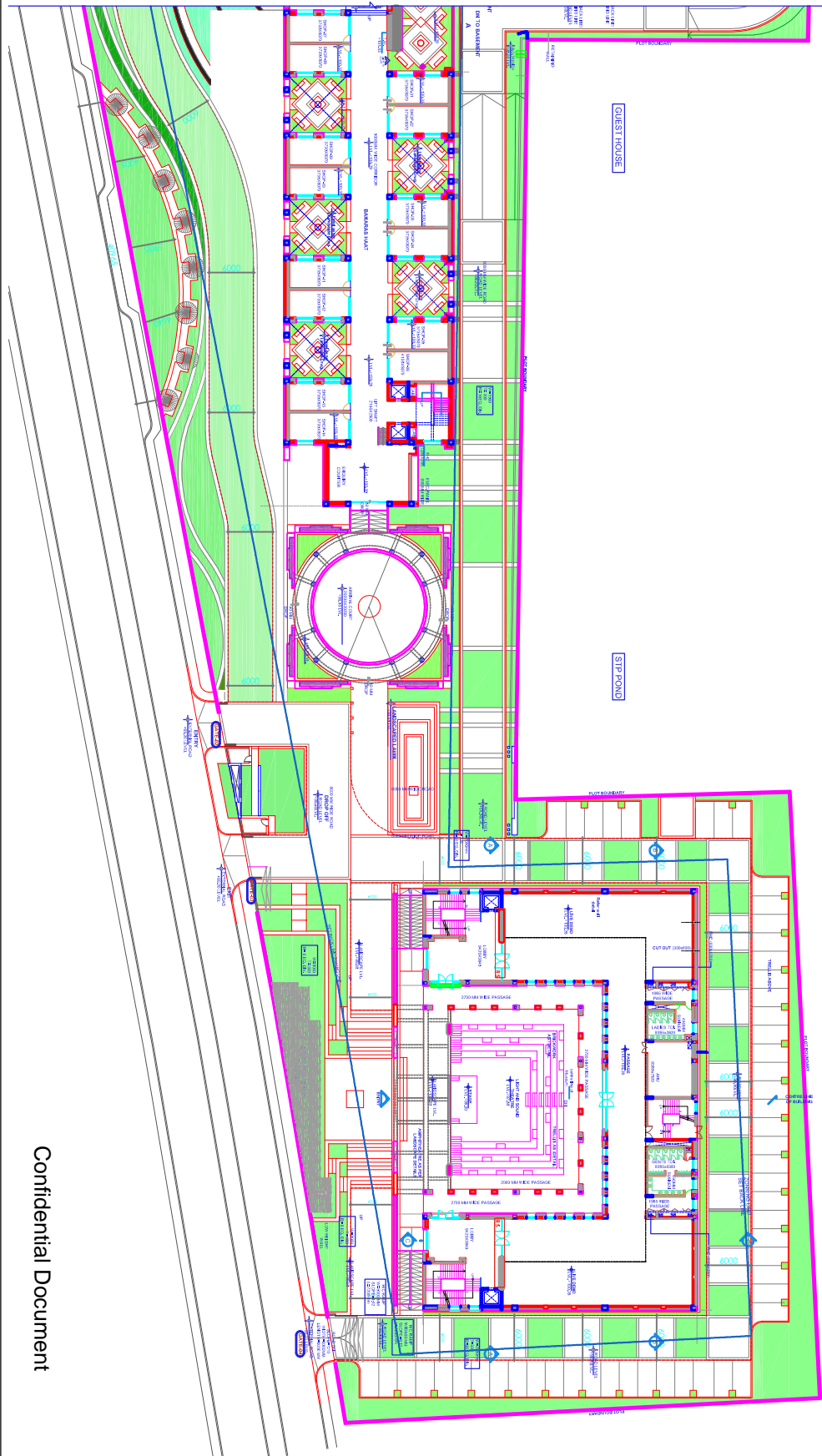
PART-1	
THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF PT. SIKKA ASSOCIATES ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR DISTRIBUTION OF THIS INFORMATION WITHOUT THE WRITTEN PERMISSION OF PT. SIKKA ASSOCIATES ARCHITECTS IS STRICTLY PROHIBITED.	

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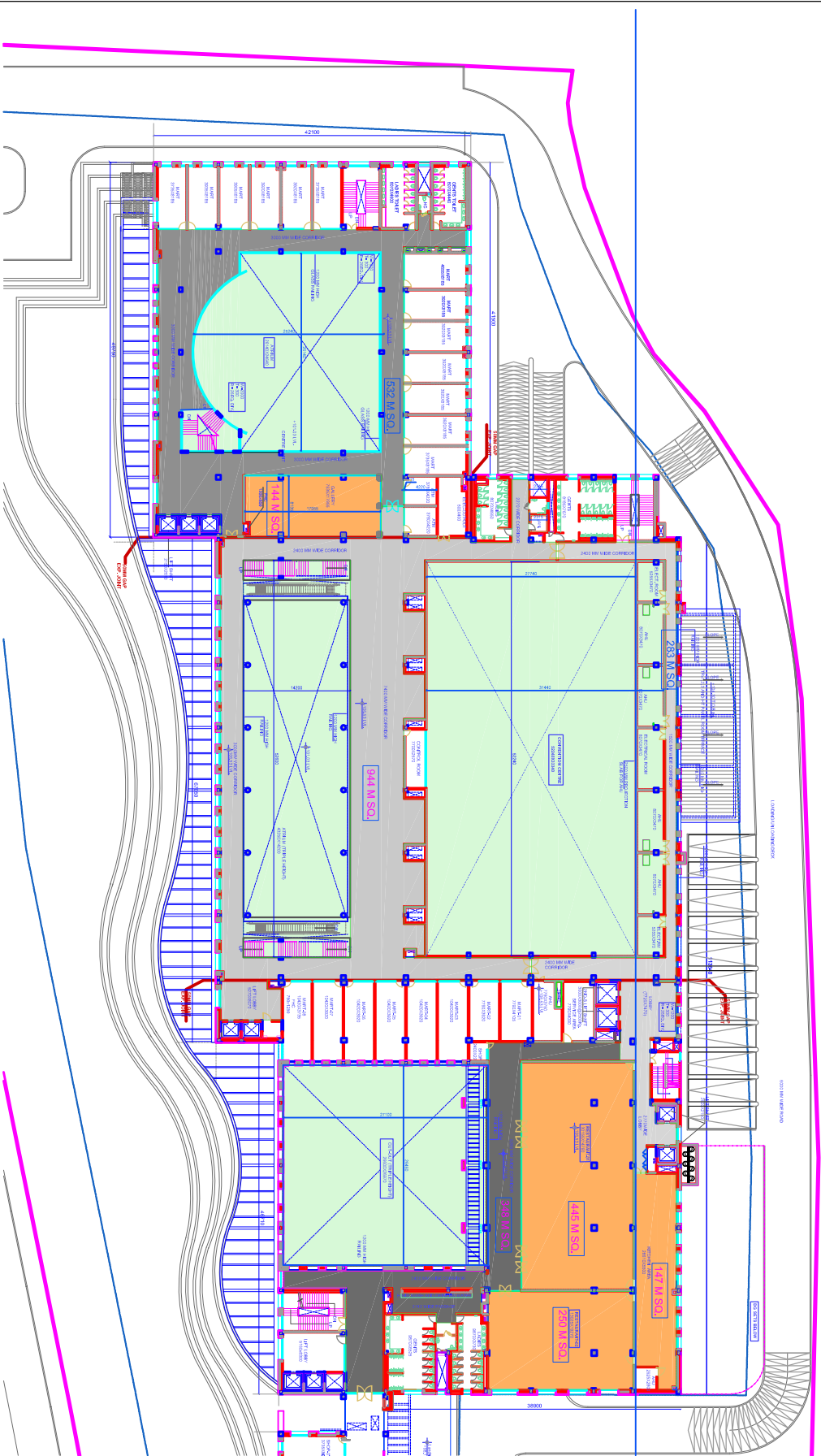
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TFC/A-301 GROUND FLOOR PLAN PART-1	SKALA 1:500 1:1000 1:2000	DOKUMENTASI 2023/01 2023/02 2023/03
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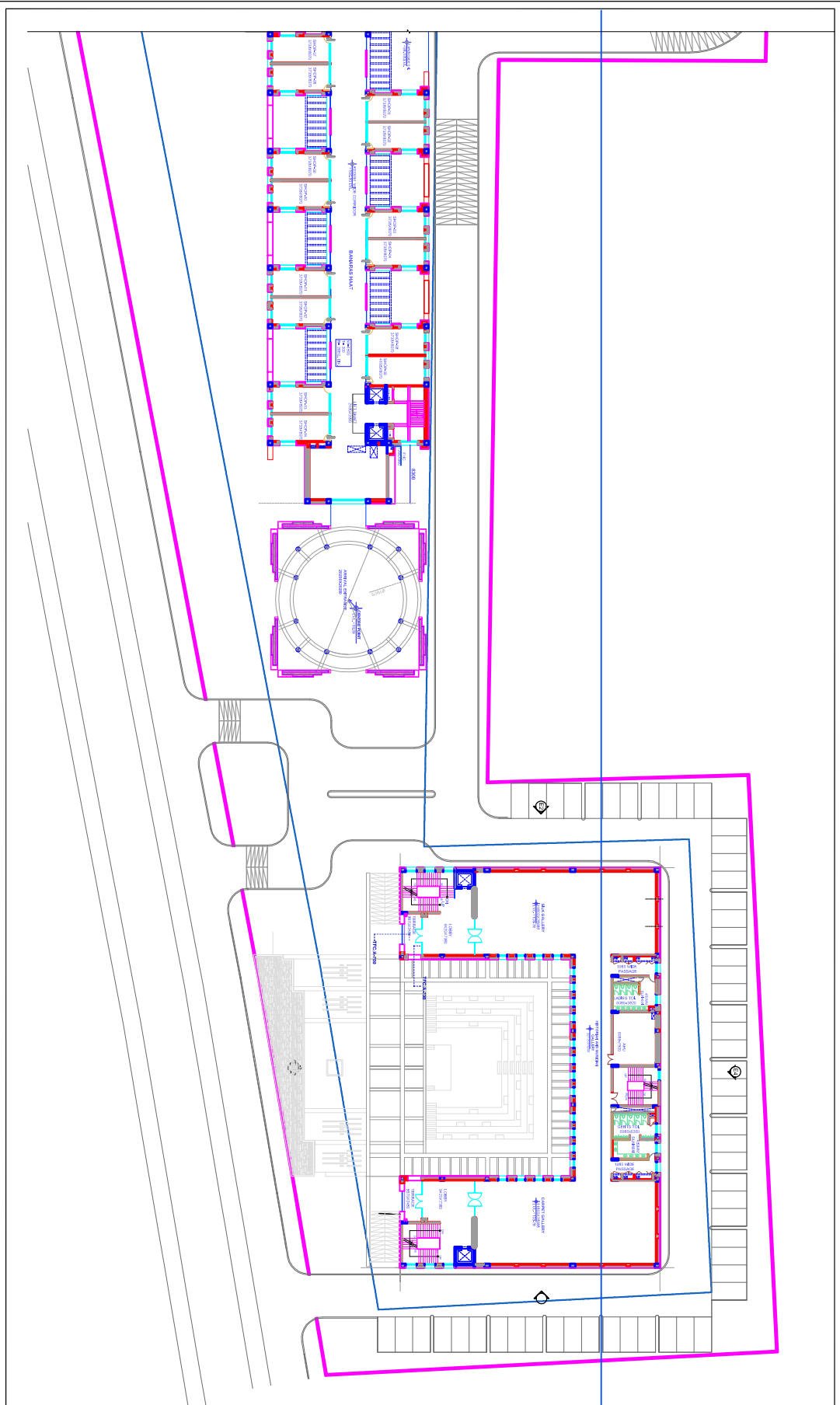


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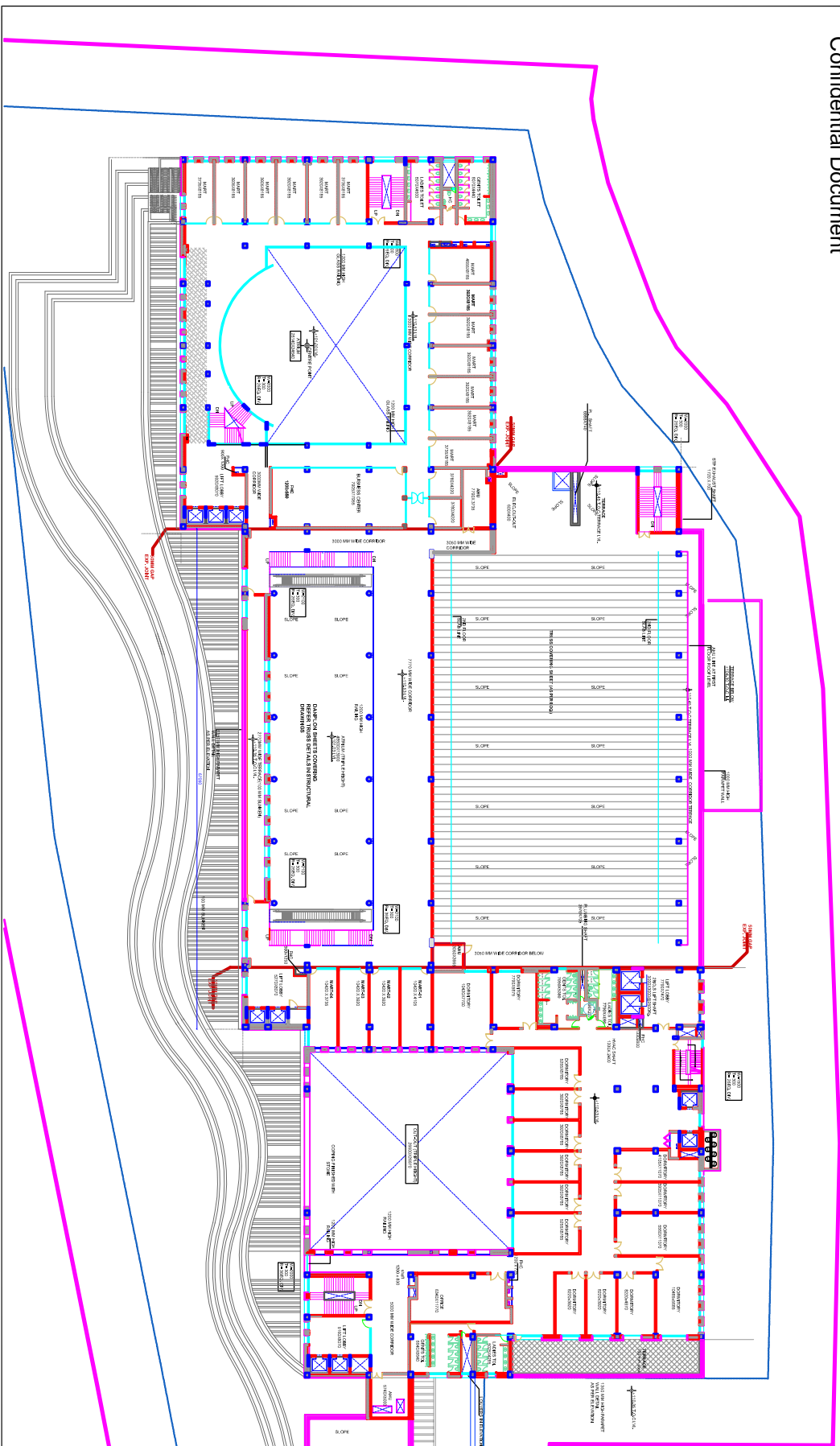
<p>GENERAL NOTES</p> <p>1. THIS DRAWING IS PART OF A SET OF DRAWINGS FOR THE PROJECT. ALL WORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND CONDITIONS OF CONTRACT.</p> <p>2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RELEVANT AUTHORITIES.</p> <p>3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC UTILITIES AT ALL TIMES.</p> <p>4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT AND RELEVANT AUTHORITIES.</p> <p>5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES TO REMAIN.</p> <p>6. THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES.</p> <p>7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE COVERAGE.</p> <p>8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LABORER PROTECTION TRAINING.</p> <p>9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY SAFETY TRAINING.</p> <p>10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY FIRST AID TRAINING.</p>	
<p>PROJECT INFORMATION</p> <p>PROJECT NAME: THARU PALM LEARN CENTER & CAMPUS</p> <p>CLIENT: MINISTRY OF TEXTILE INDUSTRIES, GOVERNMENT OF UTAH</p> <p>ARCHITECT: SIRAJ ASSOCIATES ARCHITECTS</p> <p>DATE: 2024.08.15</p> <p>SCALE: 1:100</p> <p>DATE: 2024.08.15</p> <p>DESIGNER: SIRAJ ASSOCIATES ARCHITECTS</p> <p>DATE: 2024.08.15</p> <p>REVISIONS: 1.0</p> <p>DATE: 2024.08.15</p> <p>PROJECT NO: TFCA-302</p> <p>DATE: 2024.08.15</p>	
<p>LEGEND</p> <p>EXISTING WALL</p> <p>NEW WALL</p> <p>GLASS WALL</p> <p>GLASS DOOR</p> <p>GLASS WINDOW</p> <p>GLASS PARTITION</p> <p>GLASS CURTAIN WALL</p> <p>GLASS SKYBRIDGE</p> <p>GLASS STAIRCASE</p> <p>GLASS ELEVATOR</p> <p>GLASS RAMP</p> <p>GLASS BALCONY</p> <p>GLASS TERRACE</p> <p>GLASS PORCH</p> <p>GLASS PATIO</p> <p>GLASS VERANDA</p> <p>GLASS PERGOLA</p> <p>GLASS CANOPY</p> <p>GLASS AWNING</p> <p>GLASS BALCONY RAILING</p> <p>GLASS STAIRCASE RAILING</p> <p>GLASS ELEVATOR RAILING</p> <p>GLASS RAMP RAILING</p> <p>GLASS BALCONY RAILING</p> <p>GLASS TERRACE RAILING</p> <p>GLASS PORCH RAILING</p> <p>GLASS PATIO RAILING</p> <p>GLASS VERANDA RAILING</p> <p>GLASS PERGOLA RAILING</p> <p>GLASS CANOPY RAILING</p> <p>GLASS AWNING RAILING</p>	
<p>CLIENT</p> <p>MINISTRY OF TEXTILE INDUSTRIES, GOVERNMENT OF UTAH</p> <p>ARCHITECT</p> <p>SIRAJ ASSOCIATES ARCHITECTS</p> <p>1000 S. 1000 E. SUITE 1000</p> <p>PROVO, UT 84601</p> <p>TEL: 801.771.1111</p> <p>WWW.SIRAJARCHITECTS.COM</p> <p>DESIGNER</p> <p>SIRAJ ASSOCIATES ARCHITECTS</p> <p>1000 S. 1000 E. SUITE 1000</p> <p>PROVO, UT 84601</p> <p>TEL: 801.771.1111</p> <p>WWW.SIRAJARCHITECTS.COM</p>	



<p>DATE: 2023.09.14</p> <p>SCALE: 1/8" = 1'-0"</p> <p>DESIGNED BY: [Name]</p> <p>CHECKED BY: [Name]</p> <p>PROJECT: FIRST FLOOR PLAN</p> <p>PART-1</p> <p>TFC/A-303</p>		<p>PROJECT: TRADE FACILITY CENTER'S GARAGE</p> <p>CLIENT: MAMUKI YAKHANI</p> <p>LOCATION: OFFICE OF COMMISSIONER (HANDLOOMS) MINOR DASHI</p> <p>DESIGNER: SIKKA ASSOCIATES ARCHITECTS</p> <p>NO. 10, BANGOR ROAD, DUBLIN 15, IRELAND</p> <p>TEL: +353 1 453 6000</p> <p>WWW.SIKKAASSOCIATES.COM</p>		<p>DATE: 2023.09.14</p> <p>SCALE: 1/8" = 1'-0"</p> <p>DESIGNED BY: [Name]</p> <p>CHECKED BY: [Name]</p> <p>PROJECT: FIRST FLOOR PLAN</p> <p>PART-1</p> <p>TFC/A-303</p>	
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<p>PROJECT INFORMATION</p> <p>PROJECT NO. 1001-011</p> <p>DATE: 10/15/11</p> <p>SCALE: 1/8" = 1'-0"</p> <p>DRAWING NO. 1001-011-01</p> <p>CHECKED BY: [Signature]</p> <p>DESIGNED BY: [Signature]</p> <p>DATE: 10/15/11</p> <p>PROJECT NO. 1001-011</p>																																																																																																																													
<p>CLIENT INFORMATION</p> <p>CLIENT: [Name]</p> <p>ADDRESS: [Address]</p> <p>CITY: [City]</p> <p>STATE: [State]</p> <p>ZIP: [ZIP]</p>																																																																																																																													
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REVISIONS

NO.	DATE	DESCRIPTION

PART-1

LEGEND

	COLUMN
	BEAM
	SLAB
	WALL
	DOOR
	WINDOW
	STAIRCASE
	ELEVATION

Integrat Design

PROJECT NO. 123456789
 PROJECT NAME: ...
 CLIENT: ...

GENERAL NOTES

1. All dimensions are in millimeters unless otherwise specified.
2. Refer to the structural drawings for column and beam locations.
3. All doors and windows are to be installed in accordance with the manufacturer's instructions.
4. The contractor is responsible for obtaining all necessary permits and approvals.
5. The contractor shall maintain access to all existing services and structures.

CLIENT INFORMATION

SIKA ASSOCIATES ARCHITECTS
 1234567890
 1234567890
 1234567890

OWNER INFORMATION

MINISTRY OF ESTABLISHMENT
 OFFICE OF COMMISSIONER (HANDICAPPED)
 NANO DEHA
 1234567890
 1234567890

DATE: 2023/01/01

SCALE: 1:50

PROJECT INFORMATION

PROJECT NAME: SECOND FLOOR PLAN

PART-1

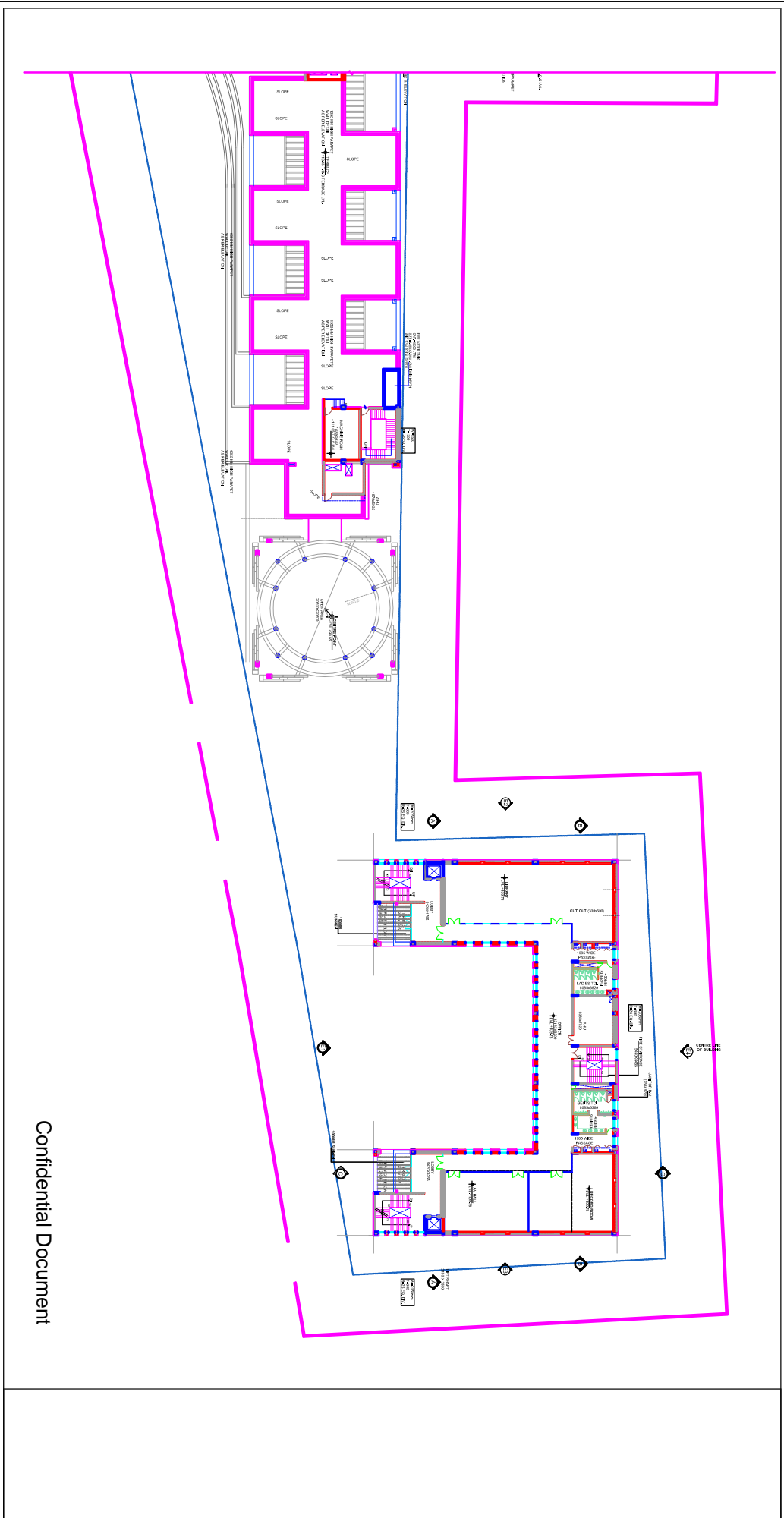
CLIENT REFERENCE: TFC/A-305

DATE: 2023/01/01

SCALE: 1:50

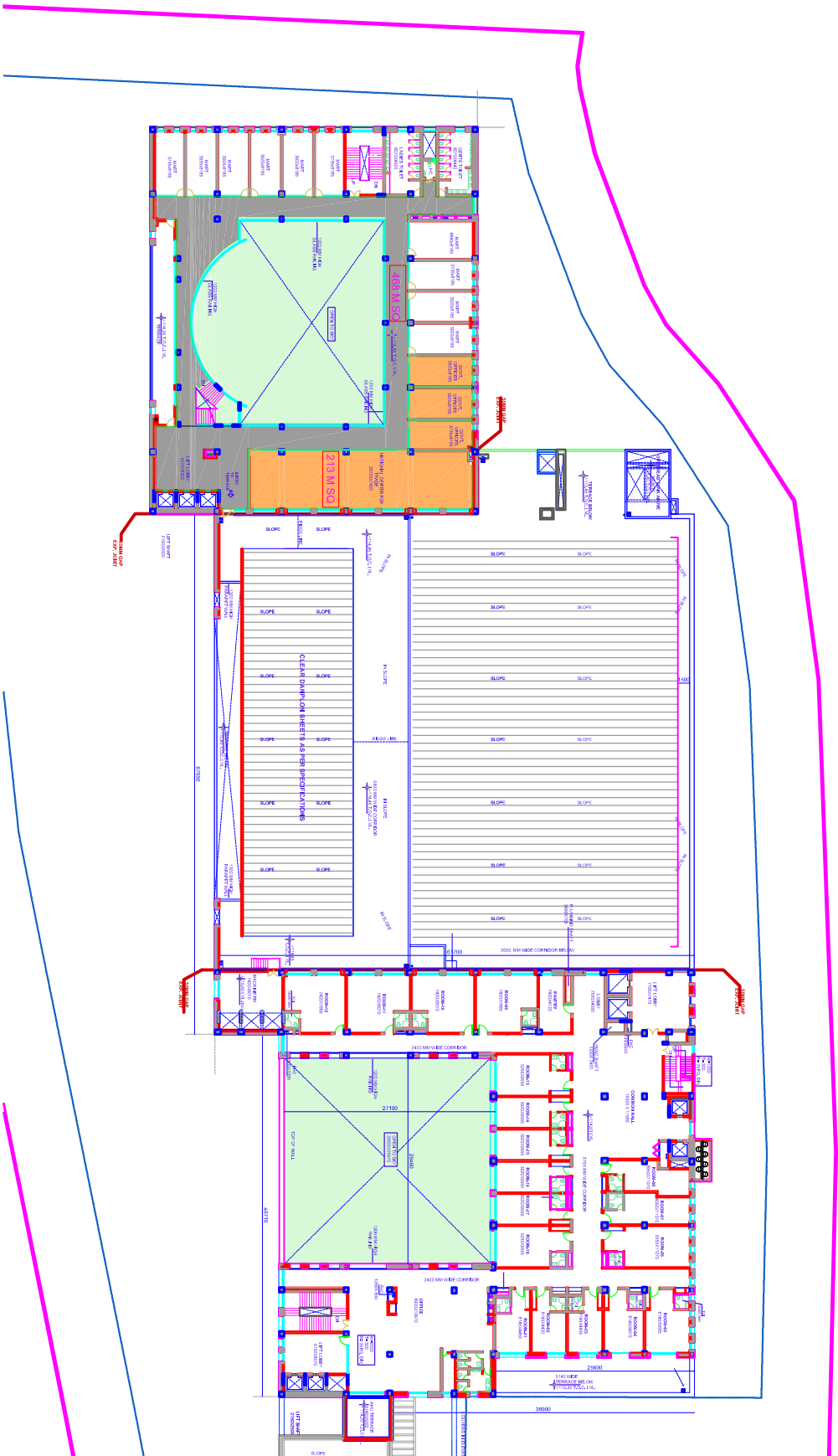
DESIGNER: SIKA ASSOCIATES ARCHITECTS

CHECKER: RESPECTIVE

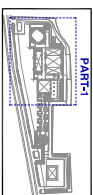


Confidential Document

<p>PROJECT INFORMATION</p> <p>PROJECT: SECOND FLOOR PLAN PART 2</p> <p>DATE: 2023.10.10</p> <p>SCALE: 1/8" = 1'-0"</p> <p>DRAWN BY: [Name]</p> <p>CHECKED BY: [Name]</p> <p>DATE: 2023.10.10</p>		<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>2023.10.10</td> <td>ISSUED FOR PERMIT</td> </tr> </table>		NO.	DATE	DESCRIPTION	1	2023.10.10	ISSUED FOR PERMIT	<p>CLIENT</p> <p>SIKA ASSOCIATES ARCHITECTS</p> <p>1000 BROADWAY, SUITE 2000</p> <p>NEW YORK, NY 10018</p> <p>PHONE: (212) 512-1000</p> <p>WWW.SIKAASSOCIATES.COM</p>		<p>DESIGN TEAM</p> <p>ARCHITECT: SIKA ASSOCIATES ARCHITECTS</p> <p>INTERIOR DESIGNER: SIKA ASSOCIATES ARCHITECTS</p> <p>MECHANICAL ENGINEER: SIKA ASSOCIATES ARCHITECTS</p> <p>ELECTRICAL ENGINEER: SIKA ASSOCIATES ARCHITECTS</p> <p>PLUMBING ENGINEER: SIKA ASSOCIATES ARCHITECTS</p> <p>STRUCTURAL ENGINEER: SIKA ASSOCIATES ARCHITECTS</p>	
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DATE: 2023/08/01
PROJECT: SIKA ASSOCIATES ARCHITECTS
LOCATION: TRADING CENTER BLDG - 3RD FLOOR
SHEET NO: TFC/A-307
PROJECT NO: TFC/A-300
SCALE: 1/8" = 1'-0"
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: 2023/08/01



PART-1

OWNER: SIKA ASSOCIATES ARCHITECTS
DESIGNER: SIKA ASSOCIATES ARCHITECTS
DATE: 2023/08/01
PROJECT: TRADING CENTER BLDG - 3RD FLOOR
SHEET NO: TFC/A-307

ARCHITECT: SIKA ASSOCIATES ARCHITECTS
DATE: 2023/08/01
PROJECT: TRADING CENTER BLDG - 3RD FLOOR
SHEET NO: TFC/A-307

SIKA ASSOCIATES ARCHITECTS
247-257 W. WASHINGTON AVE., SUITE 1000
CHICAGO, IL 60601
PH: (773) 331-8800
WWW.SIKAARCHITECTS.COM

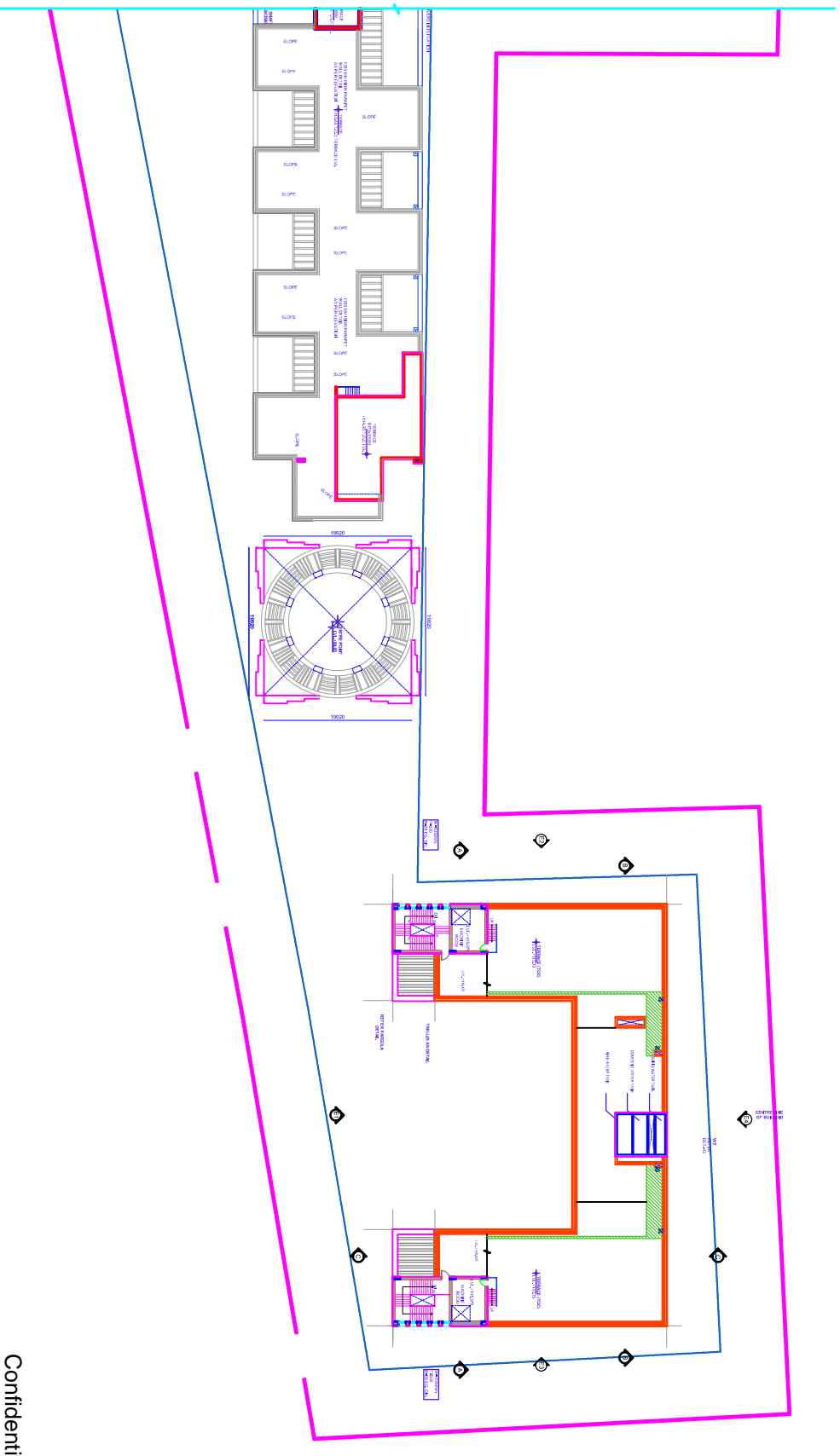
MINISTRY OF ESTATE
OFFICE OF COMMISSIONER (HAND/ROOMS)
UNION DES ARCADES
201-151-5000

TRADING CENTER BLDG - 3RD FLOOR
SIKA ASSOCIATES ARCHITECTS
247-257 W. WASHINGTON AVE., SUITE 1000
CHICAGO, IL 60601
PH: (773) 331-8800
WWW.SIKAARCHITECTS.COM

SCALE: 1/8" = 1'-0"
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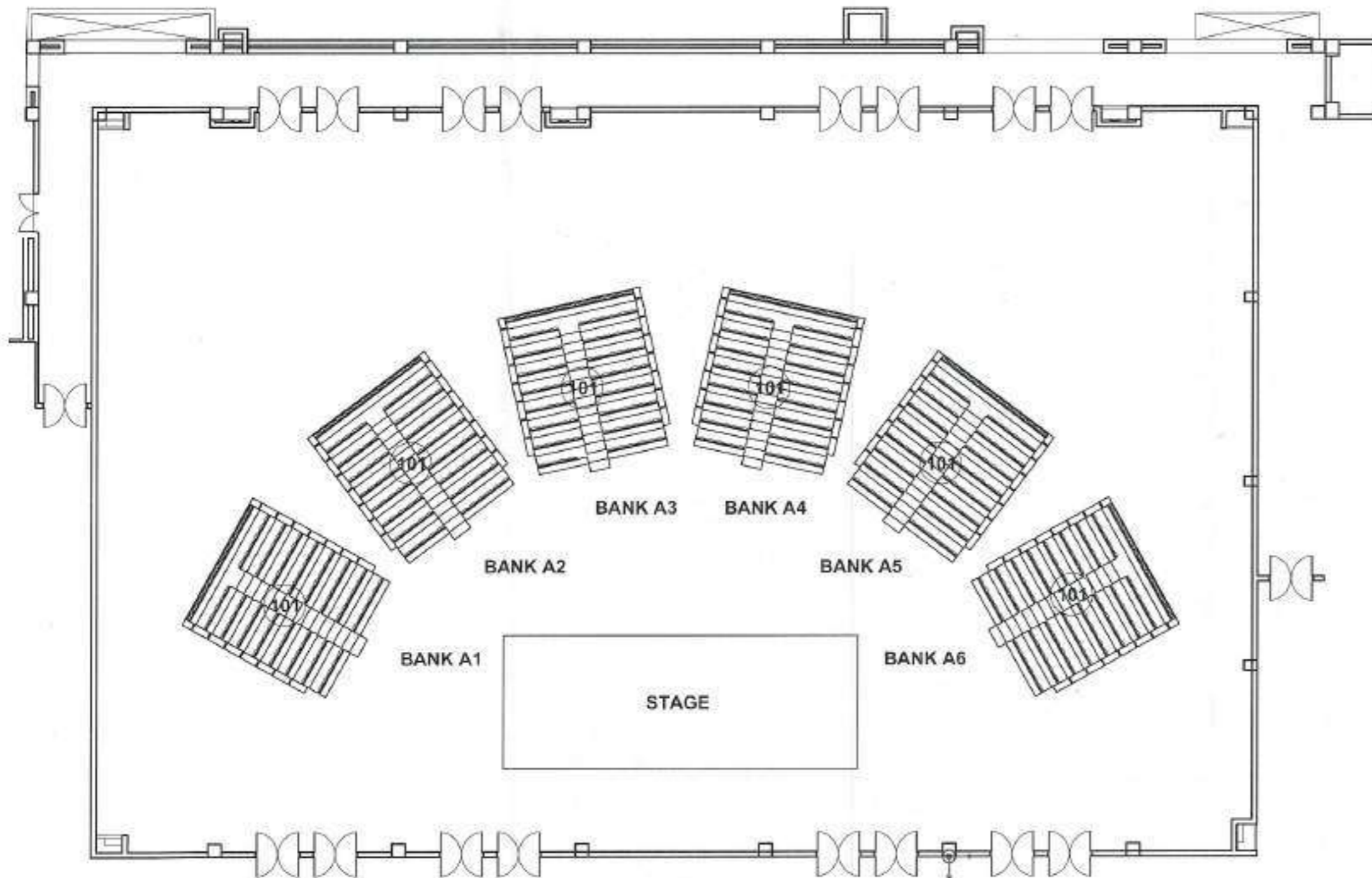
THIRD FLOOR PLAN
PART-1
TFC/A-307

SIKA ASSOCIATES ARCHITECTS
247-257 W. WASHINGTON AVE., SUITE 1000
CHICAGO, IL 60601
PH: (773) 331-8800
WWW.SIKAARCHITECTS.COM



Confidential Document

GENERAL NOTES 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE SANS 10400 SERIES. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. 3. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT. 4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SERVICES AND UTILITIES AT ALL TIMES. 5. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME. 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SERVICES AND UTILITIES. 7. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE SANS 10400 SERIES.	
SECTION PART 2	
DATE 2023/11/14	
DESIGNER SAKA ASSOCIATES ARCHITECTS	
CLIENT UNIVERSITY OF TERTIARY EDUCATION SOUTHERN CAMPUS 1100 UNIVERSITY DRIVE DURBAN KZN 4013	
PROJECT THIRD FLOOR PLAN PART-2 TFC/A-308	



CONFIGURATION 1

RETRACTABLE SEATING SPECIFICATION		
Ref.	Description	
1	PLATFORM IDENTIFICATION:	MAXAM PLUS, PORTABLE UNIT.
2	PLATFORM OPERATION:	MANUAL WITH OPERATING HANDLES.
3	ROW RISE:	244MM.
4	ROW DEPTH:	638MM.
5	NUMBER OF ROWS:	4 Nos. SEATING ROWS ON 2 Nos. PLATFORMS.
6	REAR PLATFORM:	REAR PELLER 10.
7	NOSE & REAR RISERS:	SILVER ZINC ALLOY MATTE.
8	PLATFORM STRUCTURE:	COLOR SATIN BLACK.
9	PLATFORM DECKING:	19MM THICKNESS.
10	DECKING FINISH:	SOUTHERN YELLOW PINE WITH CLEAR POLY FINISH.
11	PLATFORM DECK SIDE TRIM:	INCLUDED INTEGRAL WITH RAIL SYSTEM.
12	PLATFORM DECK INFILLING:	NOT REQUIRED.
13	ABLE STEPS & WIDTH:	43 Nos. & 610MM.
14	ABLE LIGHTS:	NOT REQUIRED.
15	ABLE RAILS:	NOT REQUIRED.
16	FRONT RAILS:	NOT REQUIRED.
17	SIDE RAILS:	16 Nos. SELF-STORING & 80 Nos. TRANSPORTABLE. CW CLEAR ACRYLIC PANEL. E.P.C. COLOUR 983 BLACK.
18	REAR RAILS:	INCLUDED. CW CLEAR ACRYLIC PANEL. E.P.C. COLOUR 983 BLACK.
19	TRENCHING:	NOT REQUIRED.
20	FASCIA PANELS:	NOT REQUIRED.
21	ABLE FASCIA PANELS:	NOT REQUIRED.
22	PLATFORM FRONT CURTAIN:	NOT REQUIRED.
23	PLATFORM SIDE CURTAIN:	12 Nos. OPTIONAL VINYL. NO LOGO. COLOUR TBC.
24	PLATFORM REAR CURTAIN:	NOT REQUIRED.
25	PLATFORM FRONT PANELS:	NOT REQUIRED.
26	PLATFORM SIDE PANELS:	NOT REQUIRED.
27	PLATFORM REAR PANELS:	INCLUDED. SOUTHERN YELLOW PINE WITH CLEAR POLY FINISH.
28	FLOOR PROTECTION BOARDS:	NOT REQUIRED.
29	TRANSPORTATION TRUCKS:	12 Nos. INTEGRAL DOLLIES.
30	SEAT TYPE:	COURT SIDE XC512 BENCH WITH BACKREST. COLOUR TBC.
31	SEAT OPERATION:	MANUAL FOLD DOWN BACKREST. FOLDED BACKREST ON TOP ROW ONLY.
32	SEAT CENTRES:	450MM.
33	SEAT FABRIC:	NOT REQUIRED.
34	SEAT FRAMES:	E.P.C. COLOUR 983 BLACK.
35	ARMREST TYPE:	NOT REQUIRED.
36	SEAT NUMBERS:	NOT REQUIRED.
37	ROW LETTERS:	NOT REQUIRED.
TOTAL SEAT QUANTITY: 406 Nos.		

All information is for seating layout purposes only and is subject to confirmation by site survey and final customer approval.

CUSTOMER APPROVAL
(Only for completion when an order is placed with Hussey Seating Company)

Once you, the customer, are confident that the information contained within this drawing satisfactorily meets your requirements, then complete and sign this approval stamp. Note, commencement of this project cannot be undertaken without this approval.

Print Name: _____ Signature: _____

Company Name: _____ Date: _____

Please return to Hussey Seating Company when completed.

REVISION	DESCRIPTION	DATE
B	CHANGED ARCHITECTURE & PLATFORM IDENTIFICATION	06/02/2017
A	CHANGED ARCHITECTURE & REAR PLATFORM	30/06/2016


husseyseating
 PUBLIC SEATING SYSTEMS | ASIA - PACIFIC
 www.husseyseating.com asia-pacific@husseyseating.com

PROJECT VARANASI CONVENTION CENTRE			
TITLE SEATING APPLICATION DRAWING			
DRAWN	CHECKED	SCALE	
PBP	TMP	A3	
DRAWING NUMBER		REVISION	DATE
AP810194-001		B	30/10/2015

Seat Colours
 Backrest: Code 172: Orange.
 seat: Code 411: Slate
Curtain Colour
 Black

APPROVED

 11/04/17
 sikha associates

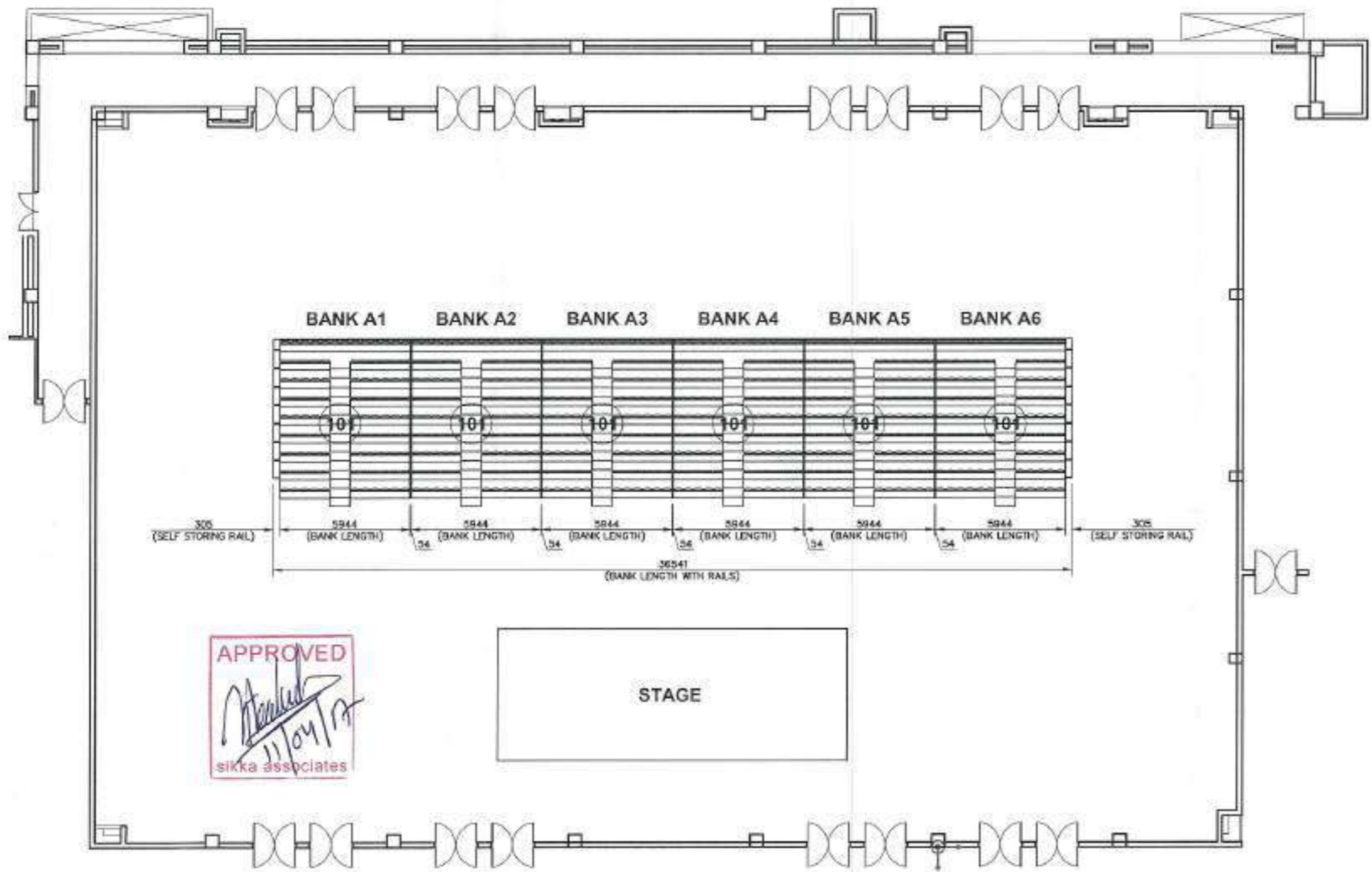
NOTE: GENERAL CONTRACTOR AND OWNER MUST PROVIDE FLOORING THAT IS LEVEL WITHIN +/-2MM OVER 1 METER AND CONTIGUOUS.

SEATING COUNT

Retractable Seating

Seat Type: COURT SIDE XC512 BENCH WITH BACKREST
 Seat Centre: 457mm
 Quantity: 101 Seats x 4 Banks = 406 Seats

TOTAL SEAT CAPACITY: 406 Seats



APPROVED
Sikka Associates
 11/04/17
 sikka associates

STAGE

CONFIGURATION 2

CUSTOMER APPROVAL
(Only for completion when an order is placed with Hussey Seating Company)

Once you, the customer, are content that the information contained within this drawing satisfactorily meets your requirements, this complete and sign this approval stamp. Note: commencement of this project cannot be undertaken without this approval.

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REVISION	DESCRIPTION	DATE
B	CHANGED ARCHITECTURE & PLATFORM IDENTIFICATION	06/02/2017
A	CHANGED ARCHITECTURE & REAR PLATFORM	30/06/2016

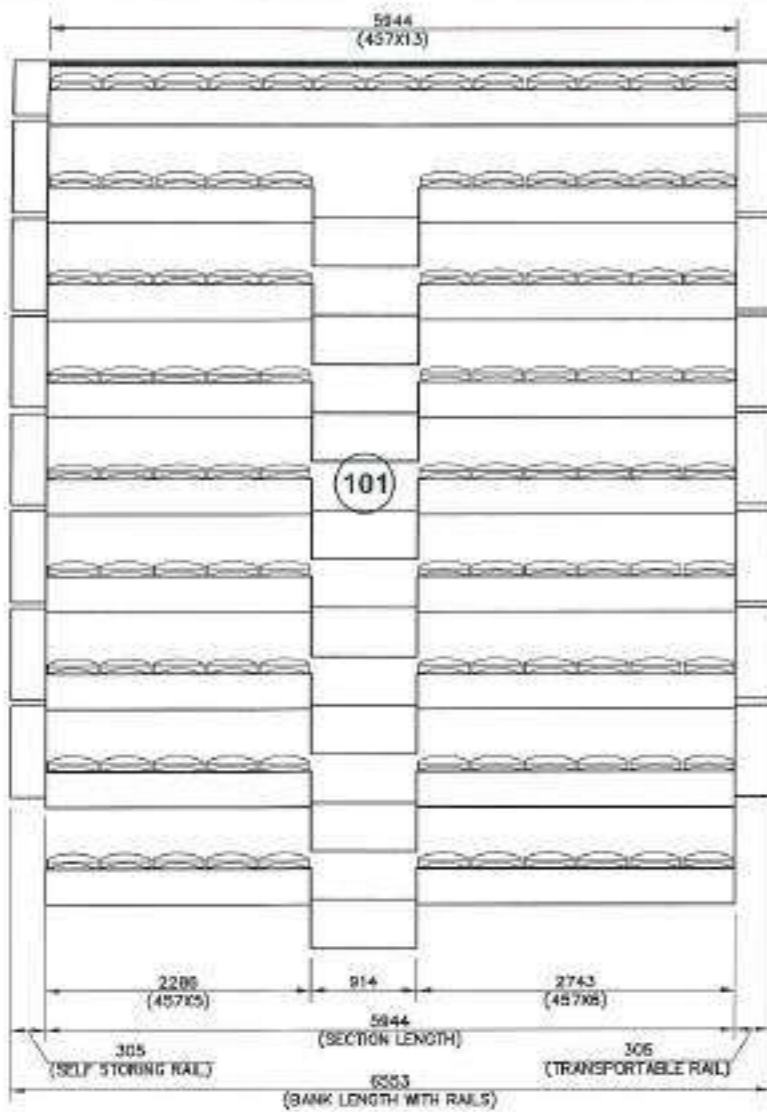
husseyseatingTM
 PUBLIC SEATING SYSTEMS | ASIA - PACIFIC
 www.husseyseating.com asia-pacific@husseyseating.com

PROJECT: **VARANASI CONVENTION CENTRE**

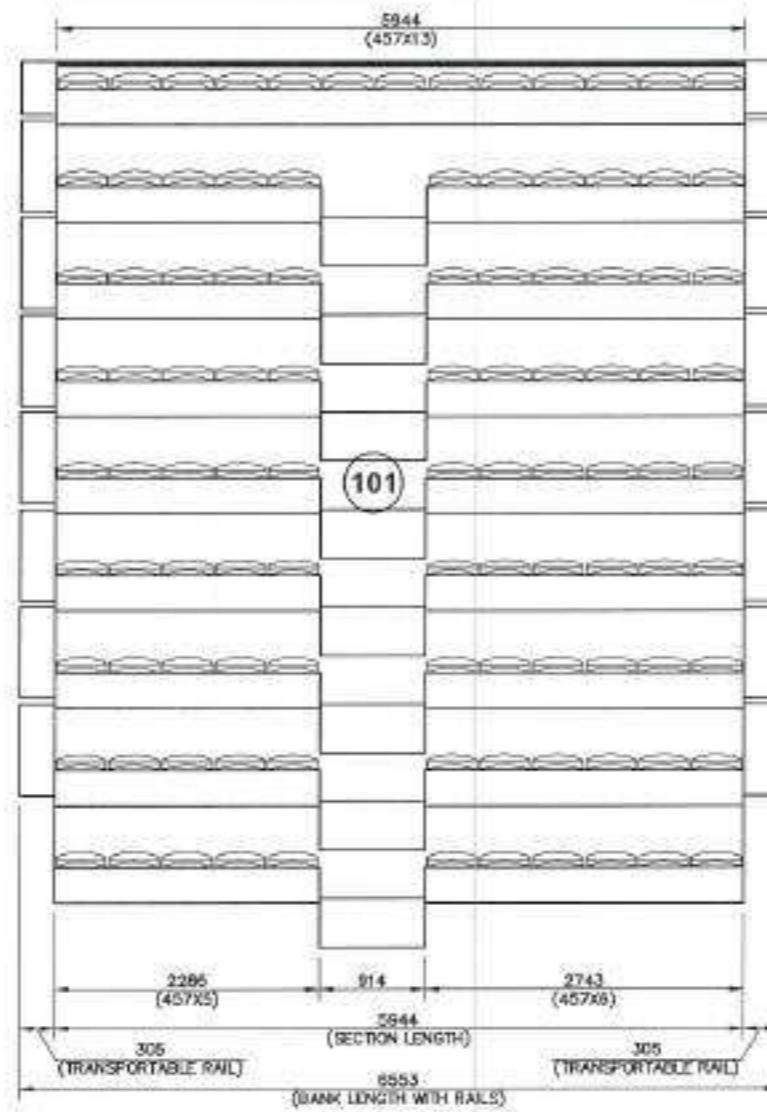
TITLE: **SEATING APPLICATION DRAWING**

DRAWN	PBP	CHECKED	TMP	A3
DRAWING NUMBER	REVISION		SCALE	DATE
AP810194-002	B		1/200	30/10/2015

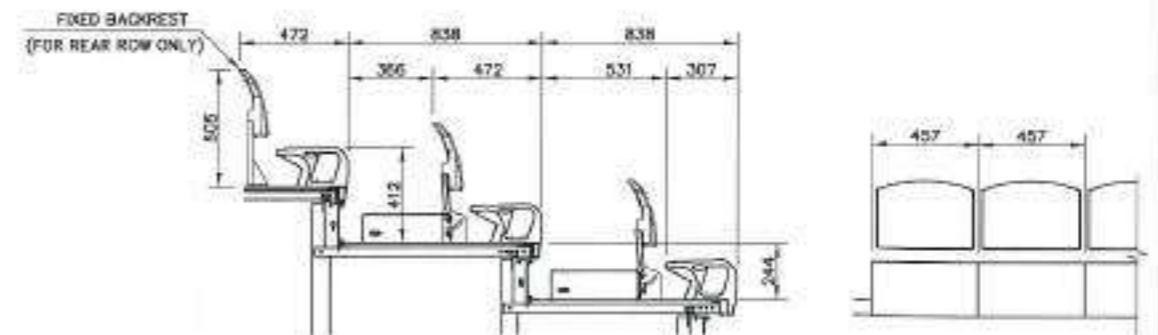
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BANK A1 AS SHOWN, BANK A6 MIRROR IMAGE



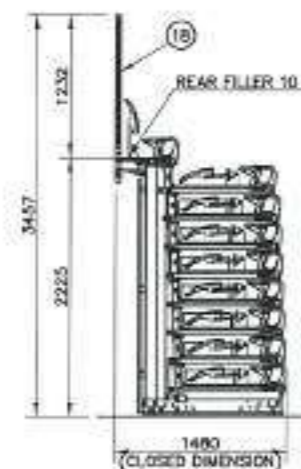
BANKS A2 - A4 TYPICAL



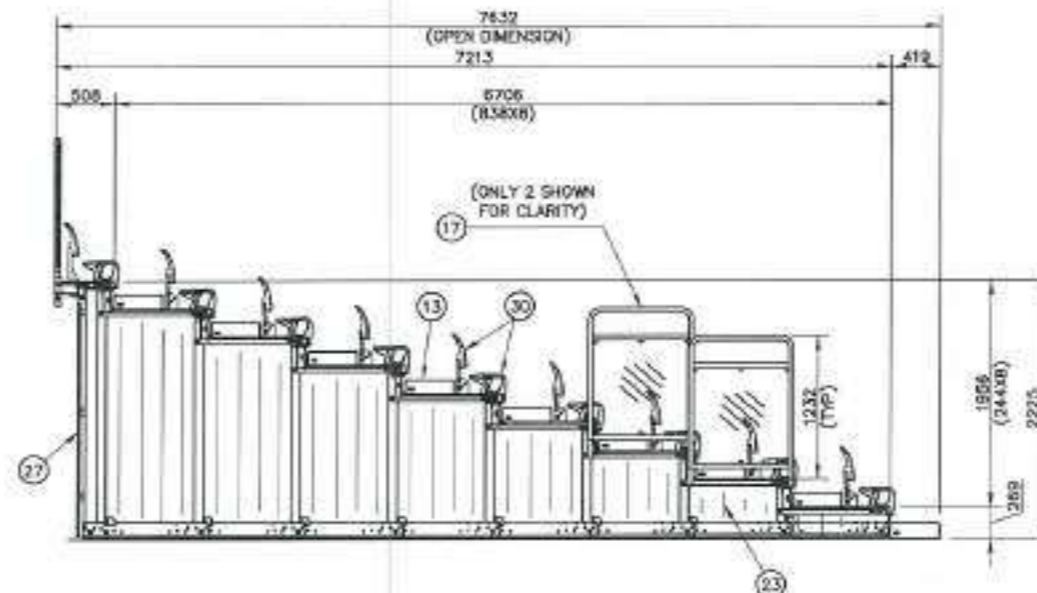
COURTSIDE XCS12 BENCH WITH BACKREST DETAIL

SCALE: 1/30

APPROVED
[Signature]
 11/04/17
 sikkaassociates



ELEVATION ON CLOSED SEATING UNIT
 (SIDE RAILS NOT SHOWN FOR CLARITY)

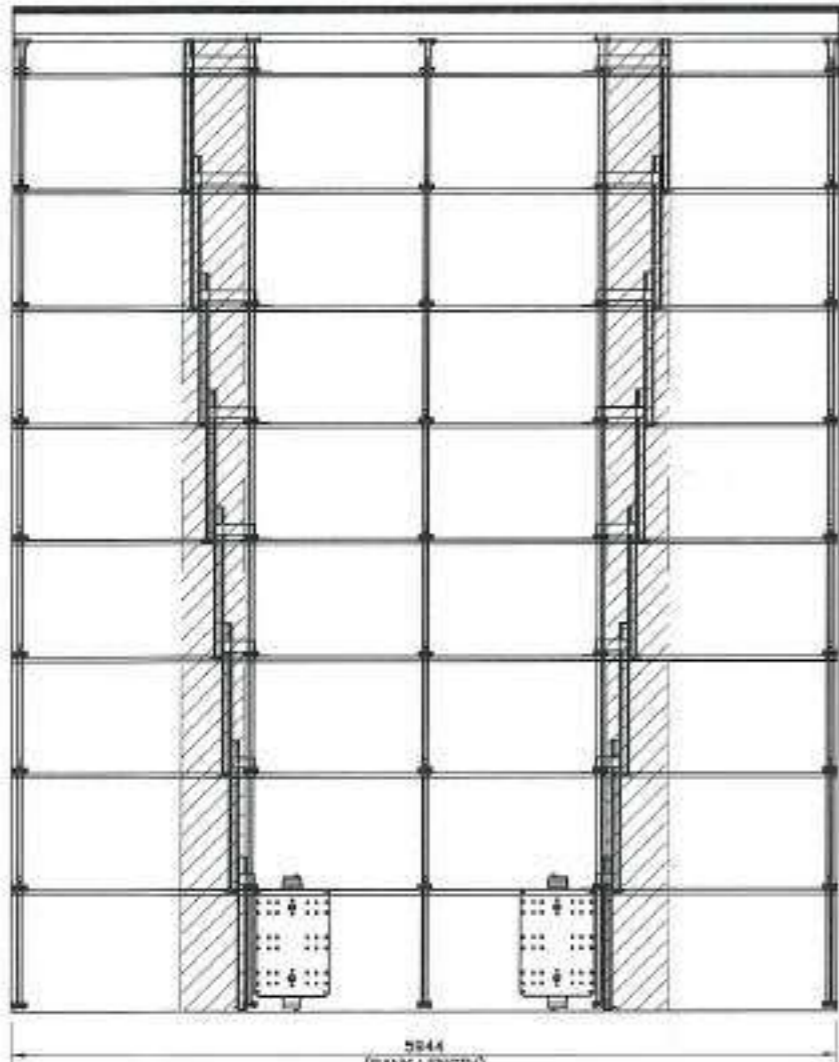
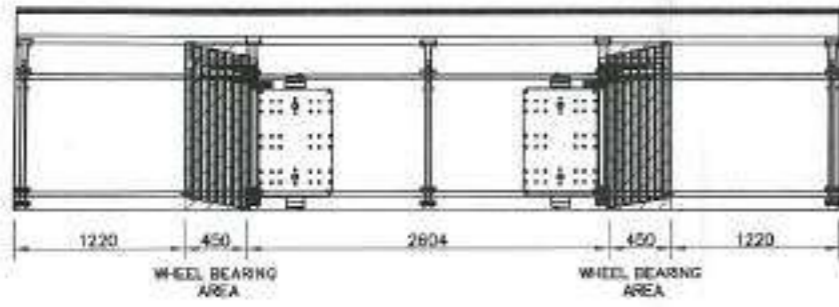


ELEVATION ON EXTENDED SEATING UNIT

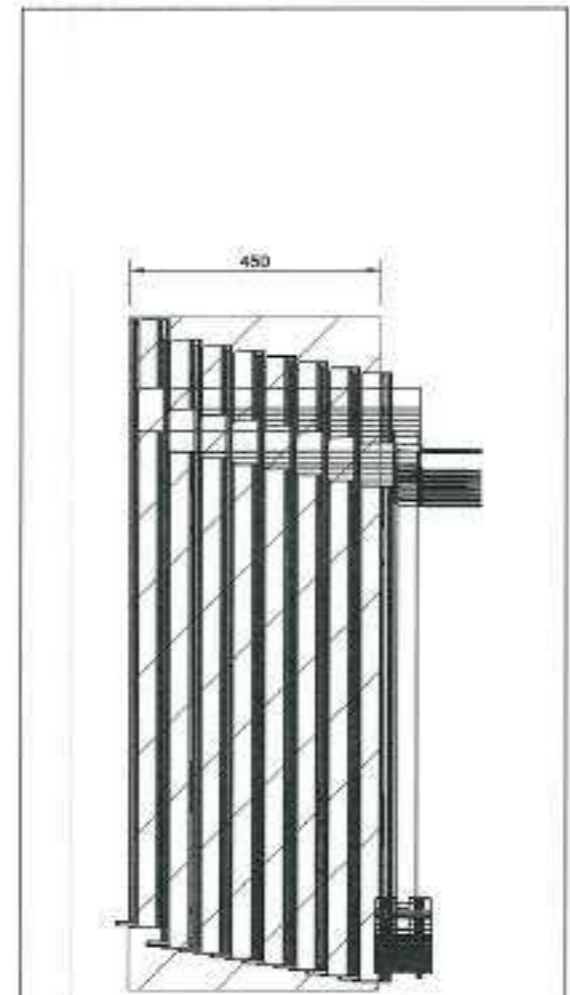
REVISION	DESCRIPTION	DATE
B	CHANGED TO PORTABLE UNIT	06/02/2017
A	CHANGED ARCHITECTURE & REAR PLATFORM	30/06/2016

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PROJECT VARANASI CONVENTION CENTRE		
TITLE SEATING APPLICATION DRAWING		
DRAWN PBP	CHECKED TMP	A3
DRAWING NUMBER AP810194-003	REVISION B	SCALE 1/60 DATE 30/11/2015

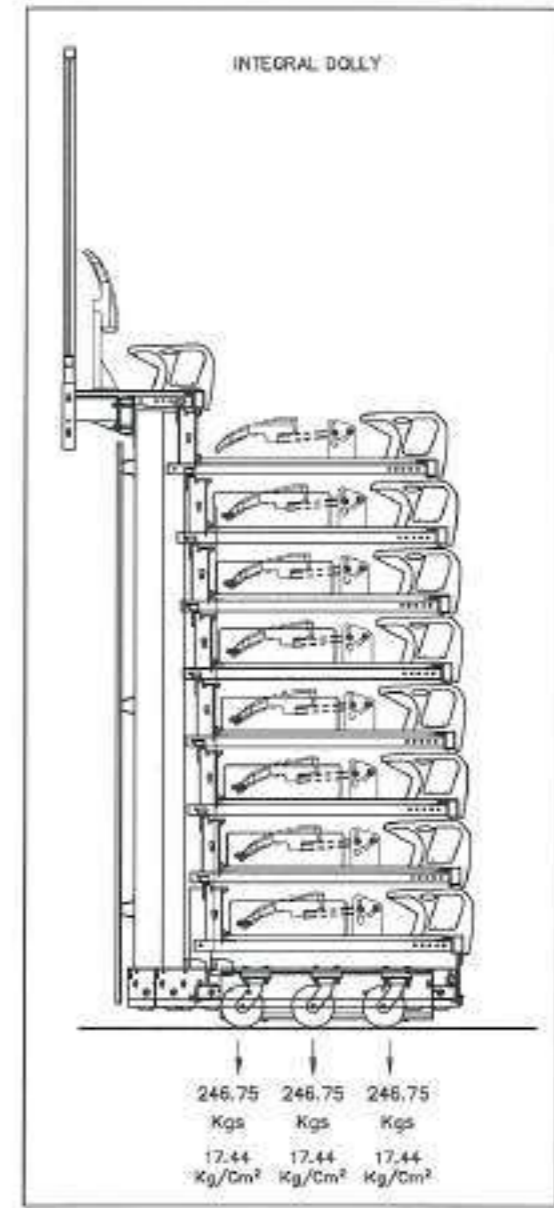


PORTABLE UNIT FLOOR LOADING
BANKS A1 - A6 TYPICAL

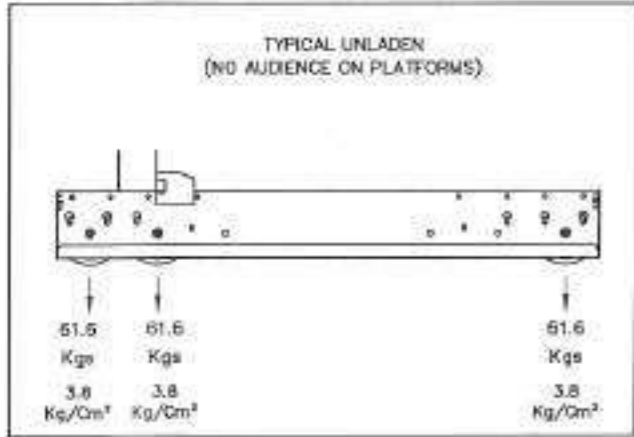


COLUMN CLUSTER FLOOR LOADING = 1479.5 KG.
THIS IS COMBINED POINT LOADINGS OF THE WHEELS IN A PARTICULAR COLUMN GROUP, AS REPRESENTED BY THE DRAWING ABOVE SHOWING THE AFFECTED AREA WHILE THE PLATFORM SYSTEM IS IN THE RETRACTED POSITION.

APPROVED
10/04/17
Sikka Associates

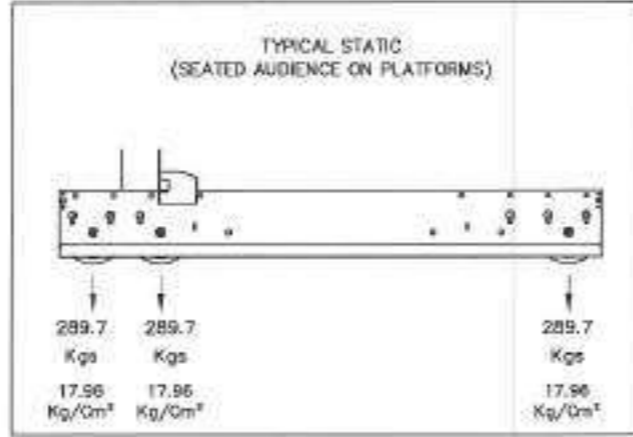


246.75 Kgs
17.44 Kg/Cm²



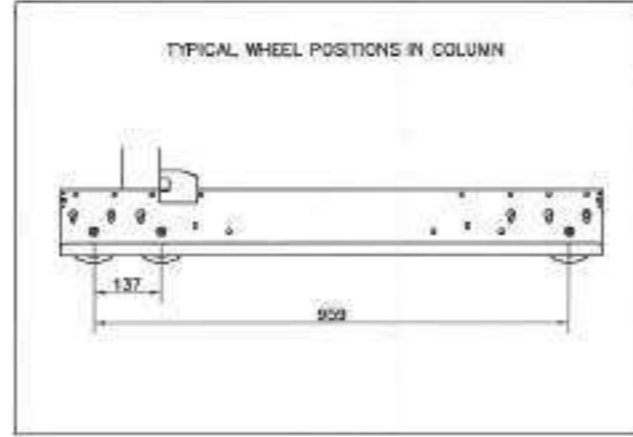
TYPICAL UNLADEN
(NO AUDIENCE ON PLATFORMS)

51.5 Kgs
3.8 Kg/Cm²



TYPICAL STATIC
(SEATED AUDIENCE ON PLATFORMS)

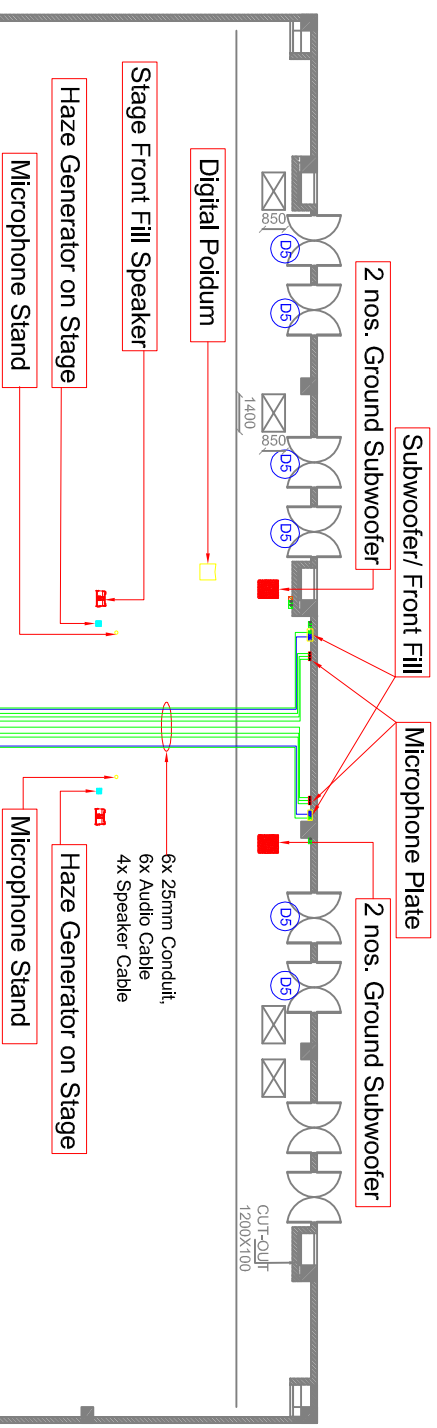
289.7 Kgs
17.96 Kg/Cm²



TYPICAL WHEEL POSITIONS IN COLUMN

B	CHANGED TO PORTABLE UNIT	06/02/2017
A	CHANGED ARCHITECTURE & REAR PLATFORM	30/06/2016
REVISION	DESCRIPTION	DATE
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VARANASI CONVENTION CENTRE		
TITLE SEATING APPLICATION DRAWING		
DRAWN	PBP	CHECKED TMP
DRAWING NUMBER	AP810194-004	REVISION B
SCALE	1/50	DATE 03/12/2015

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All Cables going up to AV Room

Floor Plan

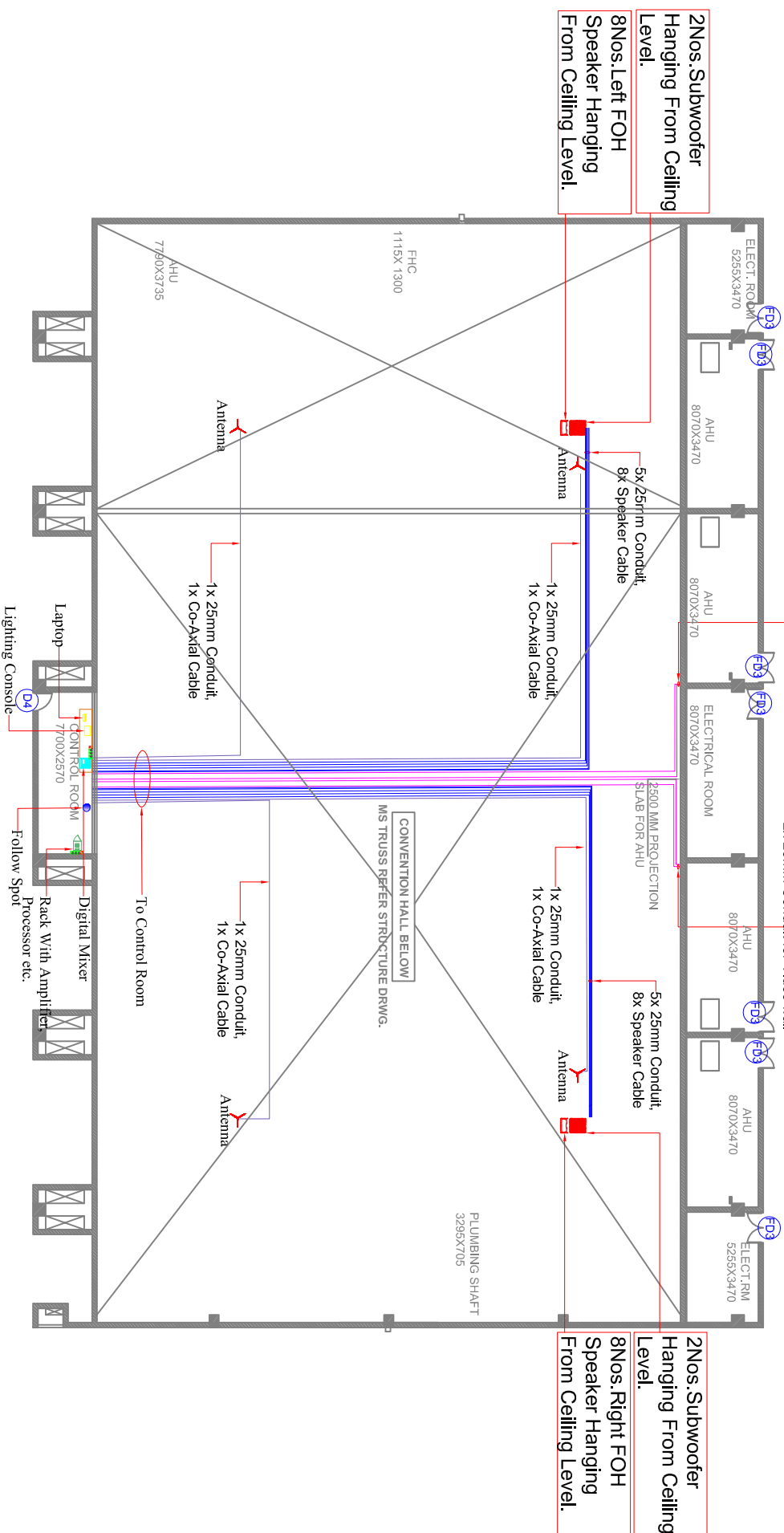
Legends

Symbol	Description	Qty.
	Microphone Plate	6Nos.
	Data Point	
	UPS Power Point	
	Ground Subwoofer	4Nos.
	Stage Front Fill	2Nos.
	Digital Podium	1Nos.
	Audio Cable	
	Cable	
	Speaker Cable	
	Speaker Cable	

Project Title:
Trade Facilitation Center
& Crafts Museum,
Varanasi, Uttar Pradesh

Dwg Title:
Floor- Convention
Center AV Conduit and
Cable Layout.

Dwg No.	Checked By	Date	Scale
		
Drawing No.			



2Nos. Subwoofer Hanging From Ceiling Level.
8Nos. Left FOH Speaker Hanging From Ceiling Level.

2Nos. Subwoofer Hanging From Ceiling Level.
8Nos. Right FOH Speaker Hanging From Ceiling Level.

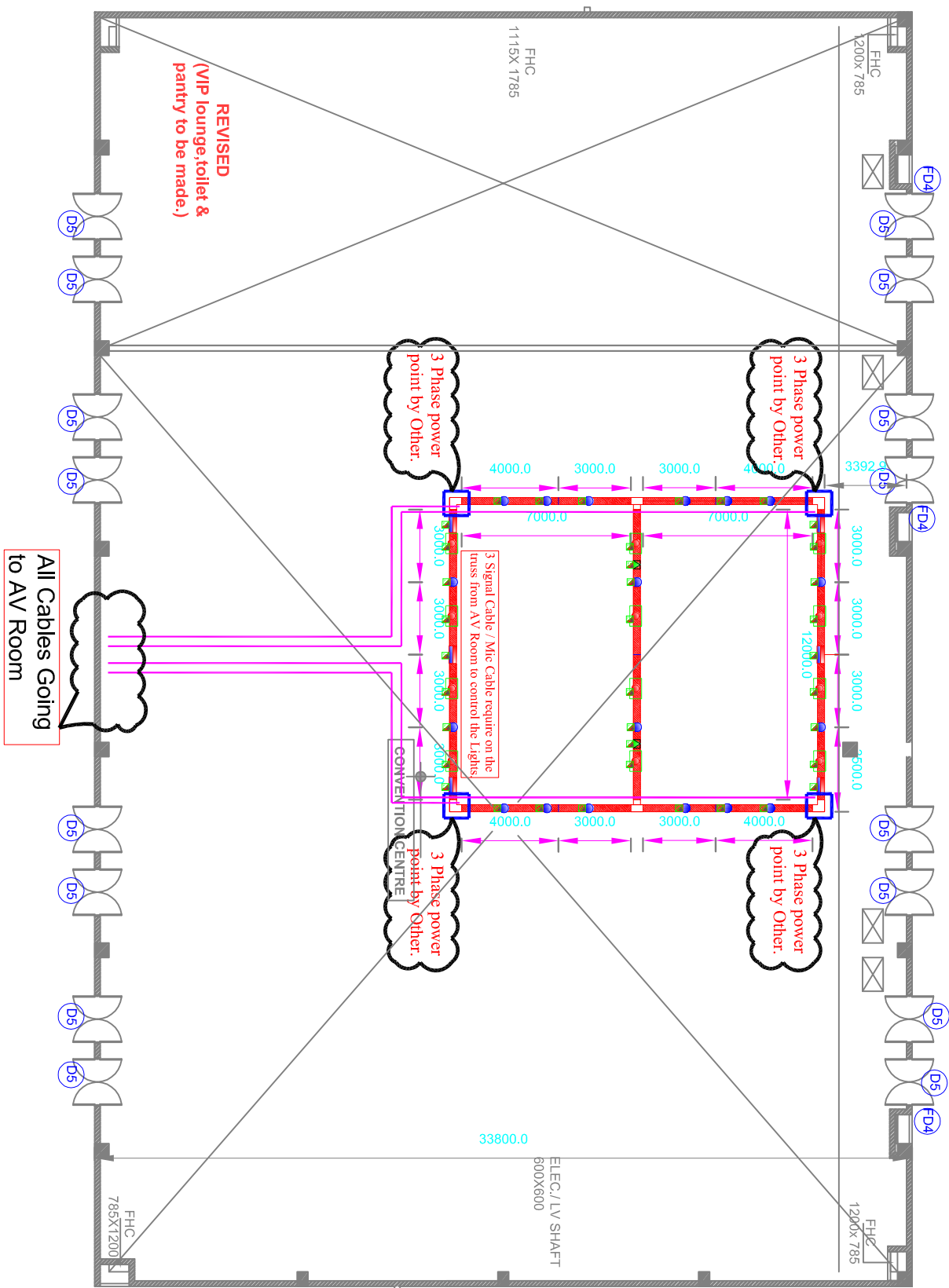
Legends		
Symbol	Description	Qty.
	FOH Speaker	16Nos.
	Subwoofer	4Nos.
	Antenna	4Nos.
	Speaker Cable	
	Cable Cable	
	Co-Axial Cable	

Project Title:
Trade Facilitation Center
& Crafts Museum,
Varanasi, Uttar Pradesh

Dwg Title:
Ceiling- Convention
Center AV Conduit and
Cable Layout.

Dwg No.	Checked By	Date	Scale
		
Drawing No.			

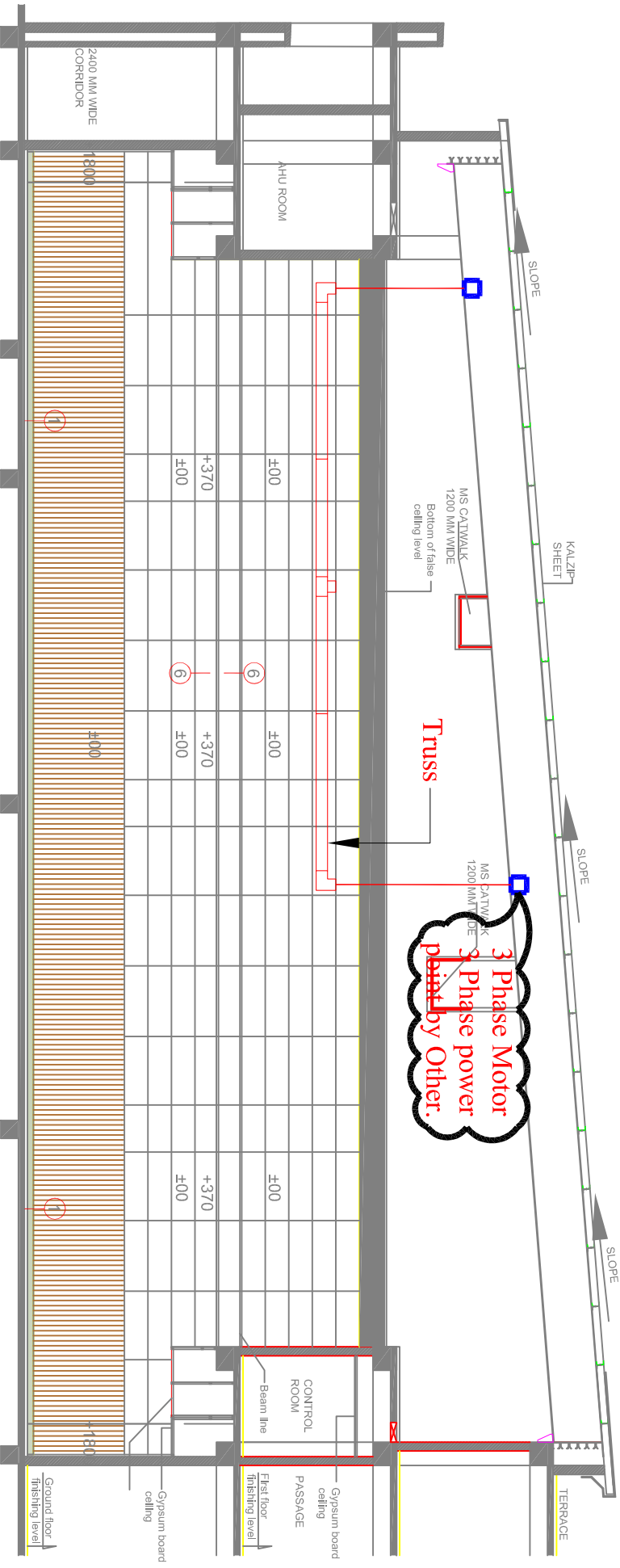
Legends	
Symbol	Description Qty.
	LED Par Lights 18Nos.
	Moving Head Lights 12Nos.
	Luminair Lights 6Nos.
	Laser Lights 2Nos.
	3 Phase Motor 4Nos.
	16 Amp Power Point



Ceiling Plan

Confidential Document

Project Title:		Trade Facilitation Center & Crafts Museum, Varanasi, Uttar Pradesh	
Dwg Title:		Ceiling- Convention Center Truss Layout.	
Dwg No.	Checked By	Date	Scale
		
Drawing No.			



Side Section ceiling Suspended

Project : Trade Facilitation Center & Crafts Museum at Varanasi

Audio Visual for Convention Center

Sl. no.	Item description	Unit	Total qty	Model	Brand / Make
A	Sound Re-Inforcement System				
1	SITC of Passive Line Array Loudspeaker.	Nos.	16	WL2082-i	QSC
2	SITC of 18" Passive Subwoofer.	Nos.	4	WL118-SW	QSC
3	SITC of Fly Bar for above speaker and subwoofer	Nos.	4	FB2082-i-BK	QSC
4	SITC of Pull Back Bar For Array Frame Speaker	Nos.	2	PB2082-i-BK	QSC
5	SITC of 4 Ch. Power Amplifier .	Nos.	10	PLD4.3	QSC
6	SITC of 32-channel Digital Mixer .	Nos.	1	Touch Mix 30	QSC
7	SITC of Digital Signal processor with 24 I/O configurable	Nos.	1	Core 110f	QSC
8	SITC of Wireless Hand held Microphone	Nos.	1	Opus 660 Set	Beyerdynamic
9	SITC of Wireless lapel Microphone	Nos.	1	Opus 654 Set	Beyerdynamic
10	SITC of 300 mm Condenser gooseneck microphohe .	Nos.	1	Clasic GM 303	Beyerdynamic
11	SITC of Dynamic microphone (cardioid) for instruments .	Nos.	1	TG I50d	Beyerdynamic
12	SITC of Instrument Microphone with Transducer type: Condenser .	Nos.	1	TG I50C	Beyerdynamic
13	SITC of Professional acoustically open headphone for monitoring and studio.	Nos.	1	DT 990 PRO	Beyerdynamic
14	SITC of UHF Antennae Distribution system, Supports Upto 4 Wireless Receivers	Nos.	2	ZAS 900	Beyerdynamic
15	SITC of UHF wideband groundplane antenna	Nos.	4	AT71	Beyerdynamic
16	SITC of Mic Boom Table stand	Nos.	4		Athletic
17	SITC of Mic Boom Floor stand	Nos.	4		Athletic
18	SITC of Mic/ Line 2 XLR Input Plate.	Nos.	6	CUSTOM	CUSTOM
19	SITC of Digital podium .	Nos.	1	Aha eIf-72LS	AHA
20	Ground Stacked Subwoofer, Dual 18" Passive Subwoofer.	Nos.	4	QSC - GP 218SW	QSC
21	Stage Front Fill, 8" Active Loudspeakers	Nos.	2	Qsc K8	QSC
B	Cable and Connectors				
1	SITC of 18 AWG -24/0.20mm x 2 core Microphone Cable.	Mtr.	200		Klearcom
2	SITC of loudspeaker cable, 2.5 Sq. mm, 2 core (80/0.20mm) ATC copper conductor	Mtr.	1200		Klearcom
3	SITC of Co- Axial cable	Mtr.	100		Klearcom
4	SITC of Complete Connectors as required.	Lot.	1		CUSTOM
5	SITC of Equipment Rack (22"w x 22"d) :-Equipment rack 32U	Nos.	1		CUSTOM

Project : Trade Facilitation Center & Crafts Museum at Varanasi

Audio Visual for Convention Center

Sl. no.	Item description	Unit	Total qty	Model	Brand / Make
C	Stage Lighting				
1	SITC of LED PAR Light.	Nos.	18	OVAL 54D	SLA
2	SITC of Moving Head.	Nos.	12	PT 189B	SLA
3	SITC of Static Luminaire Light.	Nos.	6	ICE COLOR 250	AYRTON
4	SITC of Laser Light.	Nos.	2	Tarm 4	Laserworld
5	SITC of Lighting Console.	Nos.	1	PEARL 2048	SLA
6	SITC of G Clamp a machnical hardware to fix lighting on a 50mm Dia truss bar. Can handle up to 50 KG.	Nos.	48		RD Plast
7	SITC of ILDA Cable ILDA EXT-10B	set	2	ILDA CABLE	CUSTOM
8	SITC of Professional live operation laser control software	lot	1	QUICK SHOW	PANGOLIN
9	SITC of Haze Generator.	Nos.	2	HAZE GENERATOR	SLA
10	SITC of Follow Spot Light.	Nos.	2	FOLLOW SPOT LIGHT	SLA
11	SITC of DMX Splitter.	Nos.	1	DMX SPLITTER	SLA
12	SITC of Solid 3 pole Male/female cable XLR Connectors with locking ring and coaxial shell.	Set	1	XLR	CUSTOM
13	SITC of DMX Cable .	Set	1	CABLE	Krystal
14	SITC of Power Cable Set : Light point wiring various light fixtures with 2.5 sqmm 3 core PVC insulated .	Set	1		Krystal
D	Trussing system with Hoist system as required				
1	SITC of Direct 2 Way control handheld	Nos.	2	PLE-30-020	Prolyte Group
2	SITC of 1000 kg Capacity low voltage single phase chain hoist for lighting truss.	Nos.	4		CUSTOM
3	SITC of Power Cable with 2 sqmm 3 core PVC insulated .	Set	200		Krystal
4	SITC of System is made of main tube 50x3mm and braces 25x2mm with SZ02.02 connection. Should be capable of arranging in different ways and used as elements of stage roofs, exposition structures, big screen structures, LED display screen and projection screen support frames, lighting "gates" and sound "gates". Should conform to ISO DIN 4113 and TÜV certification issued to the company. (300cm.)	Nos.	16	ALU STAGE	Athletic
5	SITC of System is made of main tube 50x3mm and braces 25x2mm with SZ02.02 connection. Should be capable of arranging in different ways and used as elements of stage roofs, exposition structures, big screen structures, LED display screen and projection screen support frames, lighting "gates" and sound "gates". Should conform to ISO DIN 4113 and TÜV certification issued to the company.(200cm.)	Nos.	20	ALU STAGE	Athletic

Project : Trade Facilitation Center & Crafts Museum at Varanasi

Audio Visual for Convention Center

Sl. no.	Item description	Unit	Total qty	Model	Brand / Make
6	SITC of System is made of main tube 50x3mm and braces 25x2mm with SZ02.02 connection. Should be capable of arranging in different ways and used as elements of stage roofs, exposition structures, big screen structures, LED display screen and projection screen support frames, lighting "gates" and sound "gates". Should conform to ISO DIN 4113 and TÜV certification issued to the company. (100cm.)	Nos.	12	ALU STAGE	Athletic
7	SITC of System is made of main tube 50x3mm and braces 25x2mm with SZ02.02 connection. Should be capable of arranging in different ways and used as elements of stage roofs, exposition structures, big screen structures, LED display screen and projection screen support frames, lighting "gates" and sound "gates". Should conform to ISO DIN 4113 and TÜV certification issued to the company. (50cm.)	Nos.	6	ALU STAGE	Athletic
8	SITC of Truss Corners with Truss Corners	Nos.	4	ALU STAGE	Athletic
9	SITC of Truss Corners Truss Corners	Nos.	2	ALU STAGE	Athletic
10	SITC of Conical connector Conical connector	Nos.	240	ALU STAGE	Athletic
11	SITC of Safety pin Safety pin	Nos.	500	ALU STAGE	Athletic
12	SITC of Safety clips as required	Nos.	500	ALU STAGE	Athletic
13	SITC of Groundplate Groundplate	Nos.	6	ALU STAGE	Athletic