

# JAVITH KHAN

DESIGN ARCHITECT

## CONTACT

Phone: +91 9791396869

LinkedIn: <https://www.linkedin.com/in/javith-khan/>

Email: javithkhan2020@gmail.com

Portfolio: [https://issuu.com/jvkhan/docs/javith\\_khan\\_portfolio](https://issuu.com/jvkhan/docs/javith_khan_portfolio)

## PROFESSIONAL SUMMARY

Design Architect with over 6 years of multidisciplinary experience in residential, commercial, hospitality, and industrial design. Adept in leading BIM-based workflows, coordinating across disciplines, and delivering scalable precise solutions. Strong background in value engineering, stakeholder management, and full lifecycle project delivery from schematic design to site execution.

## TECHNICAL SKILLS

- **BIM & CAD:** Revit Architecture, AutoCAD, BIM 360, Navisworks
- **3D & Visualization:** SketchUp, Lumion, V-Ray
- **Design Documentation & Graphics:** Adobe Illustrator, Adobe Photoshop, WPS Office, MS Office, Google Sheets
- **Workflows:** Schematic Design, Detailed Design Development, IFC Deliverables, BOQ, QA/QC, Consultant Coordination, Site Supervision, Vendor management

## KEY PROJECTS

### Scootsy Projects Portfolio (Swiggy) – PAN India | 2024–Present

**Role:** Lead Designer @ Scootsy Logistics | **Tools:** AutoCAD, Spreadsheets

- Led architecture design for 1000+ InstaMart PODs along with warehouses, SNACC kitchens & pharma dark stores under Swiggy's rapid expansion strategy FY2024-2025
- Boosted team productivity by 60% through design process optimization and team mentoring
- Developed BOQs, layouts, and construction detailing; managed end-to-end design documentation
- Collaborated with vendors and site engineers for strict-schedule launches and live project handovers

### ADANI ACC Mixed-Use Residential – Thane, Maharashtra | 2023–2024

**Role:** Technical Designer @ Gensler Design | **Tools:** Revit, AutoCAD,

- Delivered schematic design 50% milestone submissions for a large-scale, high-density residential township
- Ensured compliance with client protocols, deadlines, NBC India & Maharashtra RERA design standards

### Red Sea Global Shura Island Resorts (Hotel Central 01 & 02) – Saudi Arabia (2021–2022)

**Role:** Architect @ Khatib & Alami | **Tools:** Revit, BIM360, Navisworks, Adobe Photoshop, Adobe InDesign

- Managed detailing and coordination of BOH, HOH, and Rooms Support PODs
- Supported the completion of 100% Design Development and IFC packages by coordinating with FF&E, MEP, kitchen, F&S and acoustics consultants

### Freelance Residential & Interior Projects – Tamil Nadu | 2022–2023

**Role:** Architectural Consultant | **Tools:** Revit, Lumion, V-Ray, Adobe Photoshop

- Designed and delivered custom villas and apartments with full-scope interiors
- Directed client interaction, concept development, design detailing, procurement, and contractor coordination through to turnkey handover

### Warehouse Expansion Project – Chennai | 2021

**Role:** Design Coordinator

- Revised warehouse layout in collaboration with Operator requirements, structural and MEP consultants
- Provided technical support on-site to align built conditions with IFC documentation

### Private Villas & Apartments – Chennai | 2019–2021

**Role:** Junior Architect @ Sri Bala Foundations | **Tools:** Revit, Lumion, V-Ray, Adobe Photoshop

- Created architectural drawings in Revit and AutoCAD for villas and residential complexes
- Managed site coordination and vendor engagement; led interior execution from concept to completion
- Brought in new clients consistently through referrals and successful project outcomes

## PROFESSIONAL EXPERIENCE

### Scootsy Logistics Pvt. Ltd. (Swiggy) – Lead Designer | Bengaluru | Sept. 2024 – Present

- Spearheaded multiple verticals including InstaMart, SNACC kitchens, warehouses, and pharma dark stores
- Supervised daily progress tracking and execution; reported to central expansion team
- Streamlined project estimation & costs through precise quantification & vendor coordination

### Gensler Design India – Technical Designer | Mumbai | Sept. 2023 – Mar. 2024

- Delivered schematic design packages for a flagship project by Adani Realty

### Freelance Consultant – Architectural Consultant | Tamil Nadu | Oct. 2022 – Aug 2023

- Independently managed residential and interior projects end-to-end

### Khatib & Alami – Architect | Bengaluru | Sept. 2021 – Sept. 2022

- Worked on luxury hospitality projects, focusing on coordination and technical design documentation

### Sri Bala Foundations – Junior Architect | Chennai | Oct 2019 – Sep 2021

- Contributed to residential and interior design projects, managing both design and site execution phases

### VJSAYDO Architects – Intern Architect | Chennai | Jul 2018 – Oct 2018

- Drafted architectural drawings, produced 3D models using Lumion, and created presentation graphics with Adobe Photoshop

## ACADEMIC HISTORY

### SRMIST (UNIVERSITY), CHENNAI | 2014-2019

Bachelor of Architecture (B.Arch)



SWIGGY LIMITED

Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

- Proposed Wall
- Existing Wall
- Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA 140000  
SQ FT

:APPROVED BY: GENERAL  
MANAGER:

ROBIN TOM

:APPROVED BY: DESIGN  
MANAGER:

PRAJITH KK

:DRAWING TITLES:

BLOCK LAYOUT GROUND  
LEVEL

:DESIGNER:

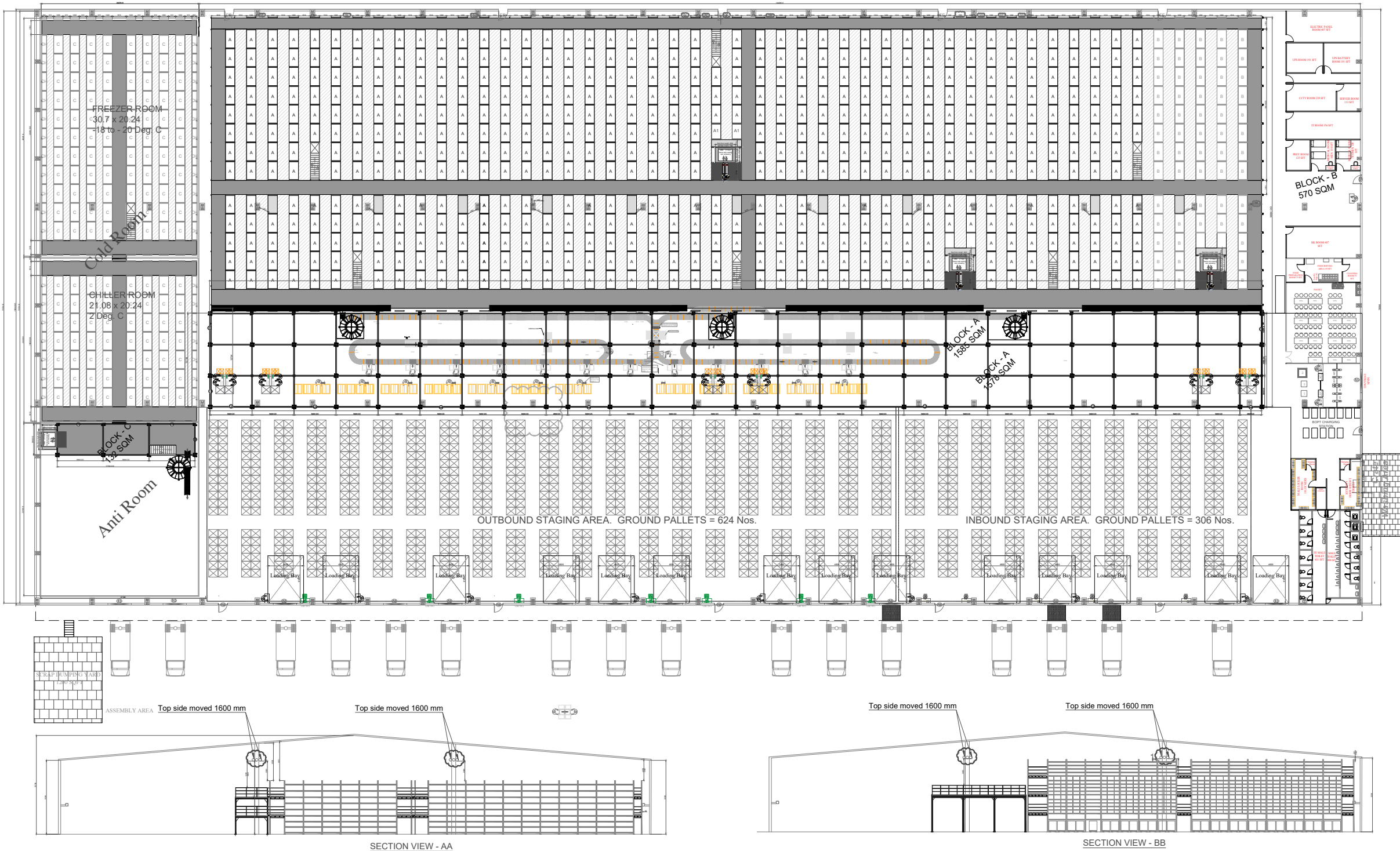
JAVITH KHAN A

:DATE:

28-04-2025

:SHEET NUMBER:

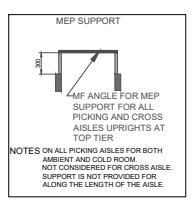
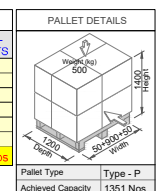
S-01



COLD ROOM - SHELVING CAPACITY DETAILS						
UNIT NAME	UNIT QTY	LEVELS/UNIT	CFT/UNIT	TOTAL LEVELS	TOTAL CFT	TOTAL DECKING SQM
C	142	9	568.82826	1278	80773.61292	24.948
CH	36	9	264.60123	324	10065.64428	12.474
<b>TOTAL CAPACITY</b>				<b>1602 levels</b>	<b>91380 CFT</b>	<b>3992 SQM</b>

AMBIENT ROOM SHELVING CAPACITY DETAILS						
UNIT NAME	UNIT QTY	LEVELS/UNIT	CFT/UNIT	TOTAL LEVELS	TOTAL CFT	TOTAL DECKING SQM
A	585	10	666.81846	5850	390088.7091	30.492
A1	44	10	560.17626	440	24617.75544	25.212
A2	2	10	420.04746	20	840.09492	18.612
B	65	13	643.53366	845	41829.6879	38.808
B1	3	13	543.33006	39	1629.99018	32.088
B2	2	13	409.38786	26	818.77572	23.688
<b>TOTAL CAPACITY</b>				<b>7220 levels</b>	<b>459856 CFT</b>	<b>21651 SQM</b>

CAPACITY DETAILS						
UNIT NAME	UNIT QTY	LEVELS/UNIT	PALLETS/UNIT	TOTAL PALLETS	DECKING SQM	TOTAL PALLETS
A	585	G	2	1170		
A1	44	G	1	44		
A2	2	G	1	2		
B	65	G	2	130		
B1	3	G	1	3		
B2	2	G	1	2		
<b>TOTAL CAPACITY</b>				<b>1351 Nos</b>		



MEP SUPPORT  
45° ANGLE FOR MEP SUPPORT FOR ALL PICKING AND CROSS AISLES UPRIGHTS AT TOP TIER  
NOTES ON ALL PICKING AISLES FOR BOTH AMBIENT AND COLD ROOM. NOT CONSIDERED FOR CROSS AISLE SUPPORT IS NOT PROVIDED FOR ALONG THE LENGTH OF THE AISLE.

CUSTOMER APPROVAL  
DRAWING & PICTURE MAY NOT REPRESENT ACTUAL CONSTRUCTIONS

VALUE ADDED POINTS  
1. Metal upright guard for uprights near aisles.  
2. Plastic upright guards on all floors except ground for all aisles to prevent structure from HPT collision.  
3. L-type Mezzanine columns guard on ground to avoid HPT collision.  
4. Mezzanine modules are designed to avoid column hindrance in aisle for ease of operation.  
5. No cross bracings at HDS integration for ease of movement.  
6. MEP support is provided from upright.  
7. For C units, perforated decking and walkway panels are considered for cold air circulation.  
8. Frame gap at catwalk levels are closed with plain sheets to prevent SKUs fall.

NOTES  
1. Civil Dimensions should be checked.  
2. Min required clear height to be checked.  
3. Floor Load bearing capacity should ensure by the customer.  
4. For a min grid size of 1m x 1m, the difference in floor level between any two survey points should be less than 4mm.  
5. Pillar hindrance Need to be checked.  
6. HVAC load is not considered for Cold storage area.

COLOUR DETAILS - MEZZANINE		COLOUR DETAILS - HDS	
COMPONENT	COLOUR	COMPONENT	COLOUR
COLUMN	Sky Blue, RAL 5015	UPRIGHT / BASEPLATE	Sky Blue, RAL 5015
MAIN BEAM	Galvanized	BRACING	Galvanized
ENTER BEAM	Galvanized	BEAM	Deep orange, RAL 2004
WALKWAY PANEL	Galvanized	DECKING PANEL	Galvanized
STAIRCASE	Yellow, RAL 1006	CLADDING	Galvanized
SAFETY ACCESSORIES	Yellow, RAL 1006	ENCLOSURE	Sky Blue, RAL 5015
		MESH CLADDING	Galvanized
		WALKWAY PANEL	Galvanized
		STAIRCASE	Yellow, RAL 1006
		SAFETY ACCESSORIES	Yellow, RAL 1006

MEZZANINE DETAILS		HDS DETAILS	
DESCRIPTION	PROCESSING AREA	DESCRIPTION	PROCESSING AREA
LOAD CAPACITY	400 kg udl/sq.m	LOAD CAPACITY	400 kg udl/sq.m
HPT LOAD	700kg for 400kg for 500kg for	TROLLEY LOAD	250kg in
NO.OF TIER	BLOCK A - G+1 - 1978 SQM BLOCK B - G+1 - 450 SQM BLOCK C - G+2 - 132 SQM MEZ, A & B, Embossed, C	HPT LOAD	500kg only for
FLOOR SURFACE		NO.OF TIER	UNIT A - G+3 UNIT B - G+3 UNIT C - G+2
		FLOOR SURFACE	

TROLLEY - 4 WHEEL		HPT - 3 WHEEL	
DESCRIPTION	LOAD CAPACITY	DESCRIPTION	LOAD CAPACITY
	250KG including Self Weight		500KG - HDS & 700KG/500/400KG - MEZ including Self Weight

DESIGN CONSIDERATIONS	
SEISMIC DESIGN & ZONE	Maximum Loads on the Base Plate
LOAD 8650KG Base Plate size 250x250	LOAD 7600KG Base Plate size 220x110

DESIGN CONSIDERATIONS	
SEISMIC DESIGN & ZONE	Maximum Loads on the Base Plate
LOAD 8650KG Base Plate size 250x250	LOAD 7600KG Base Plate size 220x110

The floor Load capacity needs to be checked by customer.

The floor Load capacity needs to be checked by customer.





SWIGGY LIMITED

Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

- Proposed Wall
- Existing Wall
- Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA 140000  
SQ FT

:APPROVED BY: GENERAL  
MANAGER:

ROBIN TOM

:APPROVED BY: DESIGN  
MANAGER:

PRAJITH KK

:DRAWING TITLES:

BLOCK LAYOUT LEVEL 1

:DESIGNER:

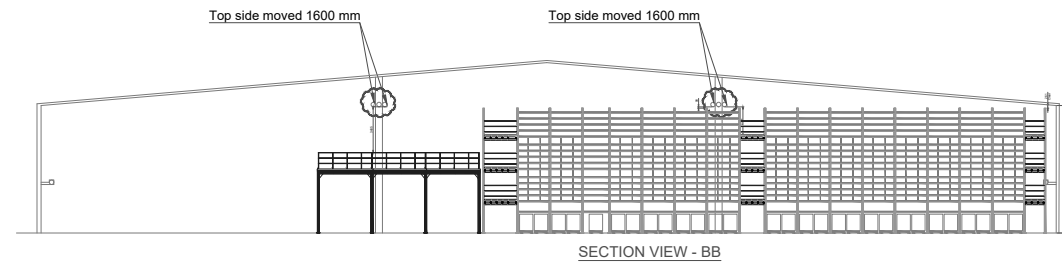
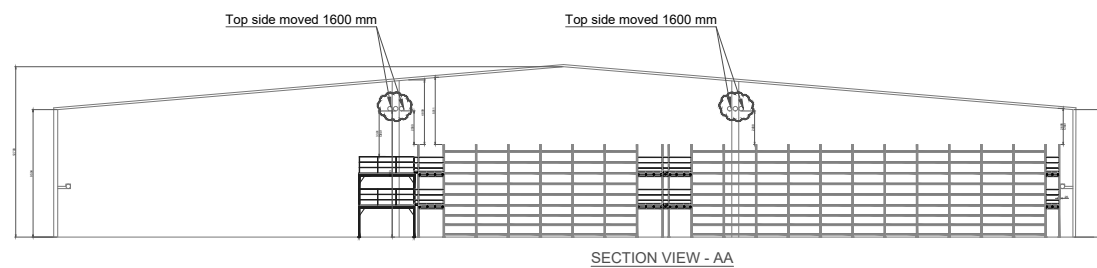
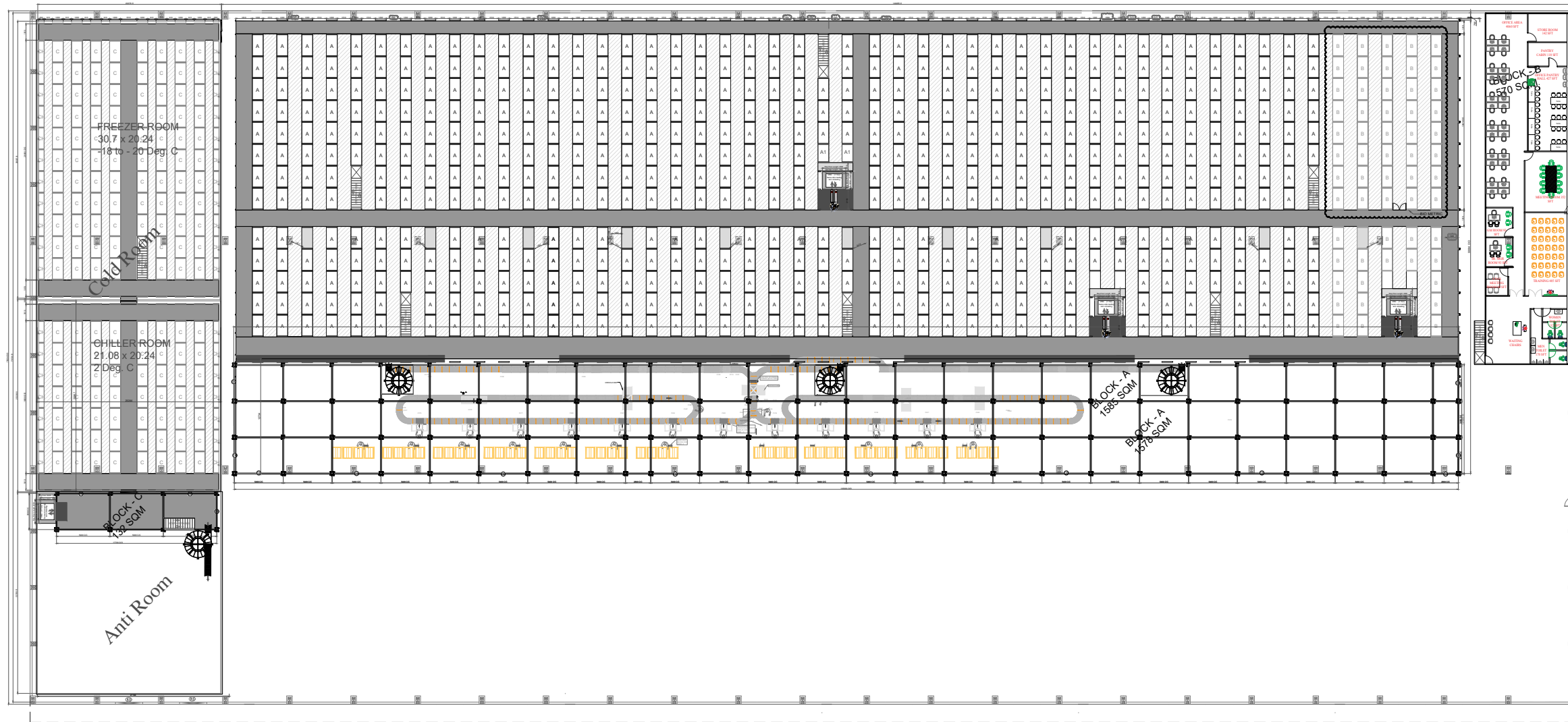
JAVITH KHAN A

:DATE:

28-04-2025

:SHEET NUMBER:

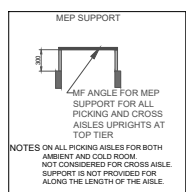
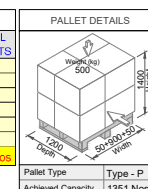
S-01



COLD ROOM - SHELVING CAPACITY DETAILS					
UNIT NAME	UNIT QTY	LEVELS/UNIT	CFT/UNIT	TOTAL LEVELS	TOTAL CFT
C	142	9	568.82826	1278	80773.61292
CH	36	9	264.60123	324	10605.64428
<b>TOTAL CAPACITY</b>				<b>1602 levels</b>	<b>91380 CFT</b>

AMBIENT ROOM SHELVING CAPACITY DETAILS					
UNIT NAME	UNIT QTY	LEVELS/UNIT	CFT/UNIT	TOTAL LEVELS	TOTAL CFT
A	585	10	666.81846	5850	390088.7091
A1	44	10	560.17626	440	24617.75544
A2	2	10	420.04746	20	840.09492
B	65	13	643.53366	845	41829.6879
B1	3	13	543.33006	39	1629.99018
B2	2	13	409.38786	26	818.77572
<b>TOTAL CAPACITY</b>				<b>7220 levels</b>	<b>459856 CFT</b>

CAPACITY DETAILS					
UNIT NAME	UNIT QTY	LEVELS/UNIT	PALETS/UNIT	PALETS/UNIT	TOTAL PALETS
A	585	G	2	2	1170
A1	44	G	1	1	44
A2	2	G	1	1	2
B	65	G	2	2	130
B1	3	G	1	1	3
B2	2	G	1	1	2
<b>TOTAL CAPACITY</b>					<b>1351 Nos</b>



CUSTOMER APPROVAL

VALUE ADDED POINTS

- Metal upright guard for uprights near aisles.
- Plastic upright guards on all floors except ground for all aisles to prevent structure from HPT collision.
- L type Mezzanine columns guard on ground to avoid HPT collision.
- Mezzanine modules are designed to avoid column hindrance in aisles for ease of operation.
- No cross bracings at HDS integration for ease of movement.
- MEP support is provided from upright.
- For C units, perforated decking and walkway panels are considered for cold air circulation.
- Frame gap at catwalk levels are closed with plain sheets to prevent SKUs fall.

NOTES

- Civil Dimensions should be checked.
- Min required clear height to be checked.
- Floor Load bearing capacity should ensure by the customer.
- For a min grid size of 1m x 1m, the difference in floor level between any two survey points should be less than 4mm.
- Pillar hindrance Need to be checked.
- HVAC load is not considered for Cold storage area.

COLOUR DETAILS - MEZZANINE		COLOUR DETAILS - HDS	
COMPONENT	COLOUR	COMPONENT	COLOUR
COLUMN	Sky Blue, RAL 5015	UPRIGHT / BASEPLATE	Sky Blue, RAL 5015
MAIN BEAM	Galvanneal	BRACING	Galvanneal
ENTER BEAM	Galvanneal	BEAM	Deep orange, RAL 2004
WALKWAY PANEL	Galvanneal	DECKING PANEL	Galvanneal
STAIRCASE	Yellow, RAL 1006	CLADDING	Galvanneal
SAFETY ACCESSORIES	Yellow, RAL 1006	ENCLOSURE	Sky Blue, RAL 5015
		MESH CLADDING	Galvanneal
		WALKWAY PANEL	Galvanneal
		STAIRCASE	Yellow, RAL 1006
		SAFETY ACCESSORIES	Yellow, RAL 1006

MEZZANINE DETAILS		HDS DETAILS	
DESCRIPTION	PROCESSING AREA	DESCRIPTION	PROCESSING AREA
LOAD CAPACITY	400 kg udl/m	LOAD CAPACITY	400 kg udl/m
HPT LOAD	700kg for 400kg for 500kg for	TROLLEY LOAD	250kg in
NO.OF TIER	BLOCK A - G+1 - 1078 SQM BLOCK B - G+1 - 450 SQM BLOCK C - G+2 - 132 SQM	HPT LOAD	500kg only for
FLOOR SURFACE	MEP, A & B, Embossed - C	NO.OF TIER	UNIT A - G+3 UNIT B - G+3 UNIT C - G+2

TROLLEY - 4 WHEEL		HPT - 3 WHEEL	
DESCRIPTION	LOAD CAPACITY	DESCRIPTION	LOAD CAPACITY
	250KG including Self Weight		500KG - HDS & 700KG/500/400KG - MEZ including Self Weight

DESIGN CONSIDERATIONS	
SEISMIC DESIGN & ZONE	Maximum Loads on the Base Plate
LOAD 8650KG Base Plate size 250x250	LOAD 7600KG Base Plate size 220x110

DESIGN CONSIDERATIONS	
SEISMIC DESIGN & ZONE	Maximum Loads on the Base Plate
LOAD 8650KG Base Plate size 250x250	LOAD 7600KG Base Plate size 220x110





SWIGGY LIMITED

Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

- Proposed Wall
- Existing Wall
- Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA 140000  
SQ FT

:APPROVED BY: GENERAL  
MANAGER:

ROBIN TOM

:APPROVED BY: DESIGN  
MANAGER:

PRAJITH KK

:DRAWING TITLES:

BLOCK LAYOUT LEVEL 2

:DESIGNER:

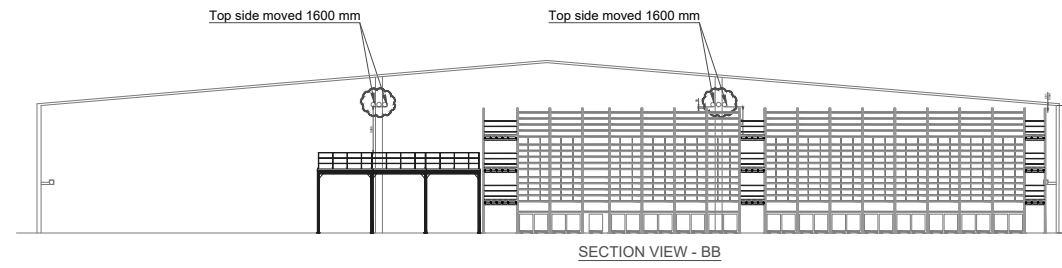
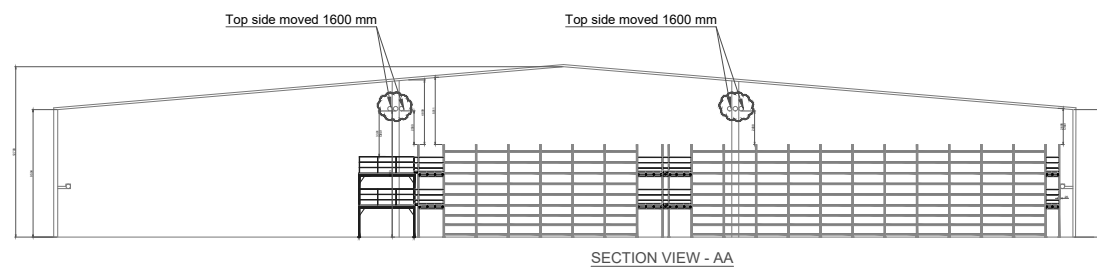
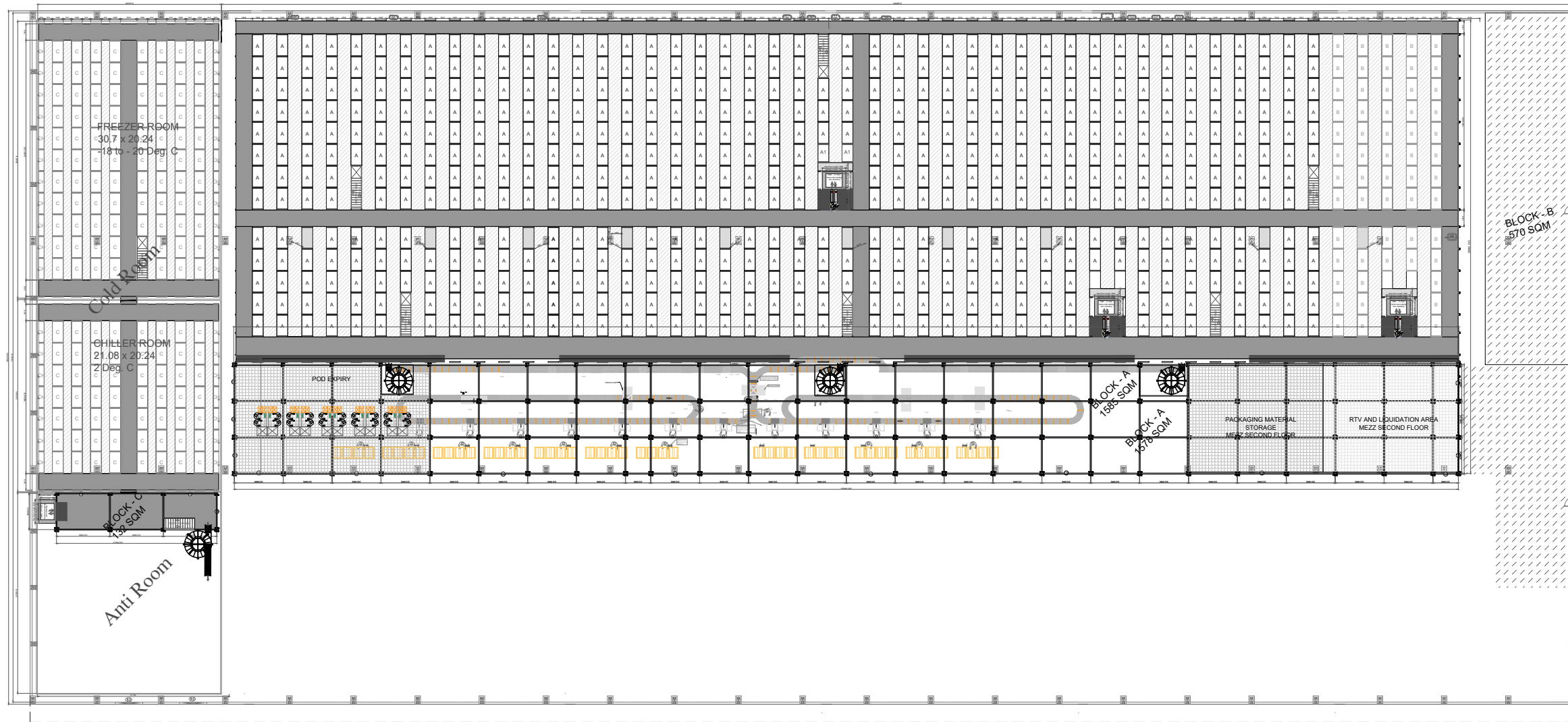
JAVITH KHAN A

:DATE:

28-04-2025

:SHEET NUMBER:

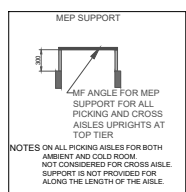
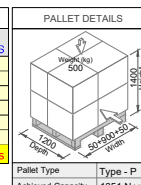
S-03



COLD ROOM - SHELVING CAPACITY DETAILS					
UNIT NAME	UNIT QTY	LEVELS/UNIT	CFT/UNIT	TOTAL LEVELS	TOTAL CFT
C	142	9	568.82826	1278	80773.61292
CH	36	9	264.60123	324	10605.64428
<b>TOTAL CAPACITY</b>				<b>1602 levels</b>	<b>91380 CFT</b>

AMBIENT ROOM SHELVING CAPACITY DETAILS					
UNIT NAME	UNIT QTY	LEVELS/UNIT	CFT/UNIT	TOTAL LEVELS	TOTAL CFT
A	585	10	666.81846	5850	390088.7091
A1	44	10	560.17626	440	24617.75544
A2	2	10	420.04746	20	840.09492
B	65	13	643.53366	845	41829.6879
B1	3	13	543.33006	39	1629.99018
B2	2	13	409.38786	26	818.77572
<b>TOTAL CAPACITY</b>				<b>7220 levels</b>	<b>459856 CFT</b>

CAPACITY DETAILS					
UNIT NAME	UNIT QTY	LEVELS/UNIT	PALLETS/UNIT	PALLET/UNIT	TOTAL PALLETS
A	585	G	2	2	1170
A1	44	G	1	1	44
A2	2	G	1	1	2
B	65	G	2	2	130
B1	3	G	1	1	3
B2	2	G	1	1	2
<b>TOTAL CAPACITY</b>					<b>1351 Nos</b>



CUSTOMER APPROVAL

DRAWING & PICTURE MAY NOT REPRESENT ACTUAL CONSTRUCTIONS

VALUE ADDED POINTS

- Metal upright guard for uprights near aisles.
- Plastic upright guards on all floors except ground for all aisles to prevent structure from HPT collision.
- L type Mezzanine columns guard on ground to avoid HPT collision.
- Mezzanine modules are designed to avoid column hindrance in aisle for ease of operation.
- No cross bracings at HDS integration for ease of movement.
- MEP support is provided from upright.
- For C units, perforated decking and walkway panels are considered for cold air circulation.
- Frame gap at catwalk levels are closed with plain sheets to prevent SKUs fall.

NOTES

- Civil Dimensions should be checked.
- Min required clear height to be checked.
- Floor Load bearing capacity should ensure by the customer.
- For a min grid size of 1m x 1m, the difference in floor level between any two survey points should be less than 4mm.
- Pillar hindrance Need to be checked.
- HVAC load is not considered for Cold storage area.

COLOUR DETAILS - MEZZANINE		COLOUR DETAILS - HDS	
COMPONENT	COLOUR	COMPONENT	COLOUR
COLUMN	Sky Blue, RAL 5015	UPRIGHT / BASEPLATE	Sky Blue, RAL 5015
MAIN BEAM	Galvanneal	BRACING	Galvanneal
ENTER BEAM	Galvanneal	BEAM	Deep orange, RAL 2004
WALKWAY PANEL	Galvanneal	DECKING PANEL	Galvanneal
STAIRCASE	Yellow, RAL 1006	CLADDING	Galvanneal
SAFETY ACCESSORIES	Yellow, RAL 1006	ENCLOSURE	Sky Blue, RAL 5015
		MESH CLADDING	Galvanneal
		WALKWAY PANEL	Galvanneal
		STAIRCASE	Yellow, RAL 1006
		SAFETY ACCESSORIES	Yellow, RAL 1006

MEZZANINE DETAILS		HDS DETAILS	
DESCRIPTION	PROCESSING AREA	DESCRIPTION	PROCESSING AREA
LOAD CAPACITY	400 kg udl/m	LOAD CAPACITY	400 kg udl/m
HPT LOAD	700kg for 400kg for 500kg for	TROLLEY LOAD	250kg in
NO.OF TIER	BLOCK A - G+1 - 1578 SQM BLOCK B - G+1 - 450 SQM BLOCK C - G+2 - 132 SQM	HPT LOAD	500kg only for
FLOOR SURFACE	MEZ, A & B, Embossed, C	NO.OF TIER	UNIT A - G+3 UNIT B - G+3 UNIT C - G+2

TROLLEY - 4 WHEEL		HPT - 3 WHEEL	
DESCRIPTION	LOAD CAPACITY	DESCRIPTION	LOAD CAPACITY
	250KG including Self Weight		500KG - HDS & 700KG/500/400KG - MEZ including Self Weight

DESIGN CONSIDERATIONS	
SEISMIC DESIGN & ZONE	Maximum Loads on the Base Plate
	LOAD 8650KG Base Plate size 250x250

DESIGN CONSIDERATIONS	
SEISMIC DESIGN & ZONE	Maximum Loads on the Base Plate
	LOAD 7600KG Base Plate size 220x110



SWIGGY LIMITED



Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

- Proposed Wall
- Existing Wall
- Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA 140000  
SQ FT

:APPROVED BY: GENERAL  
MANAGER:

ROBIN TOM

:APPROVED BY: DESIGN  
MANAGER:

PRAJITH KK

:DRAWING TITLES:

BLOCK LAYOUT LEVEL 3

:DESIGNER:

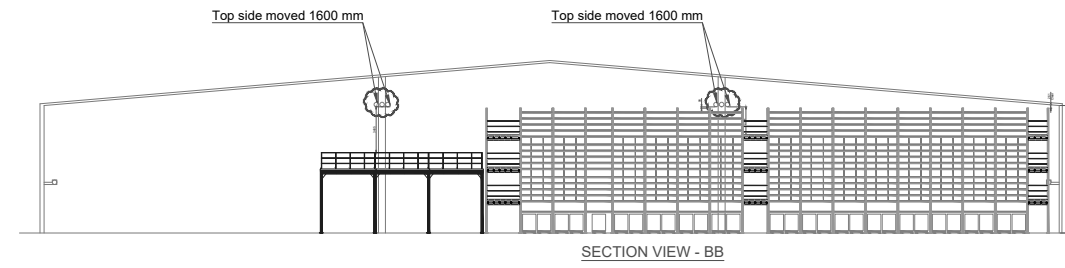
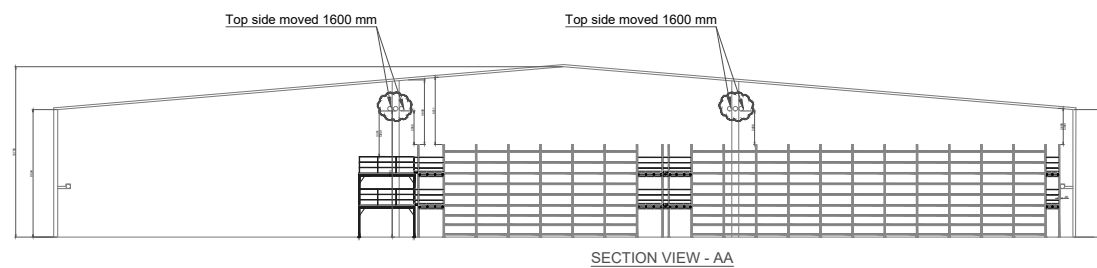
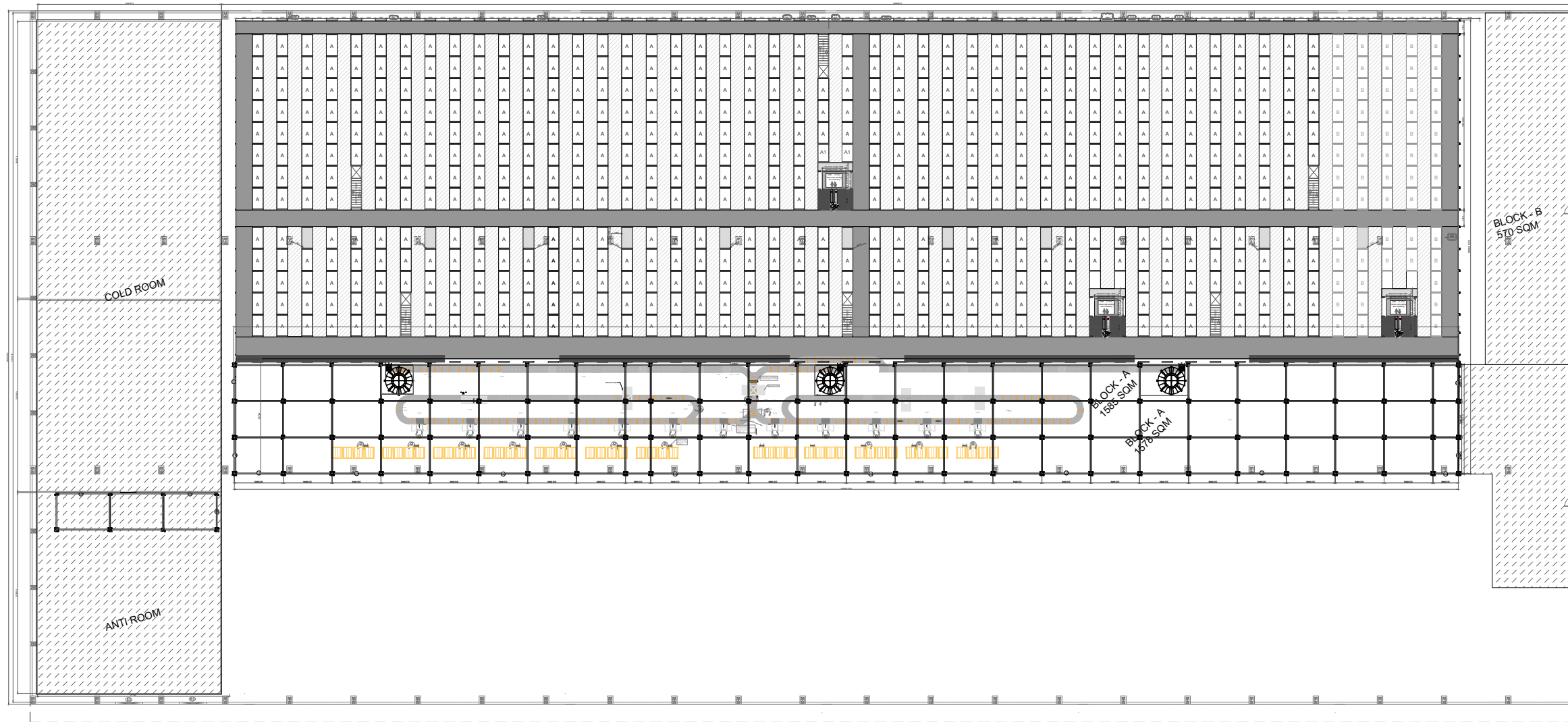
JAVITH KHAN A

:DATE:

28-04-2025

:SHEET NUMBER:

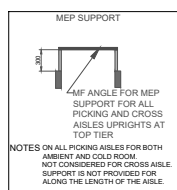
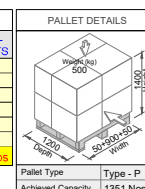
S-04



COLD ROOM - SHELVING CAPACITY DETAILS					
UNIT NAME	UNIT QTY	LEVELS/ UNIT	CFT/ UNIT	TOTAL LEVELS	TOTAL CFT
C	142	9	568.82826	1278	80773.61292
CH	36	9	264.60123	324	10605.64428
<b>TOTAL CAPACITY</b>				<b>1602 levels</b>	<b>91380 CFT</b>
					<b>3992 SQM</b>

AMBIENT ROOM SHELVING CAPACITY DETAILS					
UNIT NAME	UNIT QTY	LEVELS/ UNIT	CFT/ UNIT	TOTAL LEVELS	TOTAL CFT
A	585	10	666.81846	5850	390088.7091
A1	44	10	560.17626	440	24617.75544
A2	2	10	420.04746	20	840.09492
B	65	13	643.53366	845	41829.6879
B1	3	13	543.33006	39	1629.99018
B2	2	13	409.38786	26	818.77572
<b>TOTAL CAPACITY</b>				<b>7220 levels</b>	<b>459856 CFT</b>
					<b>21651 SQM</b>

CAPACITY DETAILS					
UNIT NAME	UNIT QTY	LEVELS/ UNIT	PALLETS/ UNIT	PALLET/ UNIT	TOTAL PALLETS
A	585	G	2	2	1170
A1	44	G	1	1	44
A2	2	G	1	1	2
B	65	G	2	2	130
B1	3	G	1	1	3
B2	2	G	1	1	2
<b>TOTAL CAPACITY</b>					<b>1351 Nos</b>



CUSTOMER APPROVAL

DRAWING & PICTURE MAY NOT REPRESENT ACTUAL CONSTRUCTIONS

VALUE ADDED POINTS

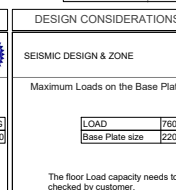
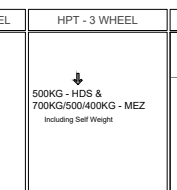
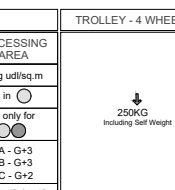
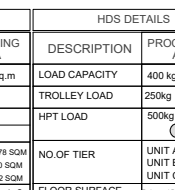
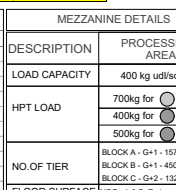
- Metal upright guard for uprights near aisles.
- Plastic upright guards on all floors except ground for all aisles to prevent structure from HPT collision.
- L type Mezzanine column guard on ground to avoid HPT collision.
- Mezzanine modules are designed to avoid column hindrance in aisle for ease of operation.
- No cross bracings at HDS integration for ease of movement.
- MEP support is provided from upright.
- For C units, perforated decking and walkway panels are considered for cold air circulation.
- Frame gap at catwalk levels are closed with plain sheets to prevent SKUs fall.

NOTES

- Civil Dimensions should be checked.
- Min required clear height to be checked.
- Floor Load bearing capacity should ensure by the customer.
- For a min grid size of 1m\*1m, the difference in floor level between any two survey points should be less than 4mm.
- Pillar hindrance Need to be checked.
- HVAC load is not considered for Cold storage area.

COLOUR DETAILS - MEZZANINE		COLOUR DETAILS - HDS	
COMPONENT	COLOUR	COMPONENT	COLOUR
COLUMN	Sky Blue, RAL 5015	UPRIGHT / BASEPLATE	Sky Blue, RAL 5015
MAIN BEAM	Galvanized	BRACING	Galvanized
INTER BEAM	Galvanized	BEAM	Deep orange, RAL 2004
WALKWAY PANEL	Galvanized	DECKING PANEL	Galvanized
STAIRCASE	Yellow, RAL 1008	CLADDING	Galvanized
SAFETY ACCESSORIES	Yellow, RAL 1008	ENCLOSURE	Sky Blue, RAL 5015
		MESH CLADDING	Galvanized
		WALKWAY PANEL	Galvanized
		STAIRCASE	Yellow, RAL 1008
		SAFETY ACCESSORIES	Yellow, RAL 1008

MEZZANINE DETAILS		HDS DETAILS	
DESCRIPTION	PROCESSING AREA	DESCRIPTION	PROCESSING AREA
LOAD CAPACITY	400 kg udl/sqm	LOAD CAPACITY	400 kg udl/sqm
HPT LOAD	700kg for 400kg for 500kg for	TROLLEY LOAD	250kg in
NO.OF TIER	BLOCK A - G+1 - 1078 SQM BLOCK B - G+1 - 450 SQM BLOCK C - G+2 - 132 SQM	HPT LOAD	500kg only for
FLOOR SURFACE	MEP, A & B, Embossed - C	NO.OF TIER	UNIT A - G+3 UNIT B - G+3 UNIT C - G+2
		FLOOR SURFACE	Embossed Perforated Panel





SWIGGY LIMITED



Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

-  Proposed Wall
-  Existing Wall
-  Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA	14000 SQ FT
-------------	----------------

:APPROVED BY: GENERAL  
MANAGER:

**ROBIN TOM**

:APPROVED BY: DESIGN  
MANAGER:

**PRAJITH KK**

:DRAWING TITLES:

**RACKS SECTION**

:DESINGER:

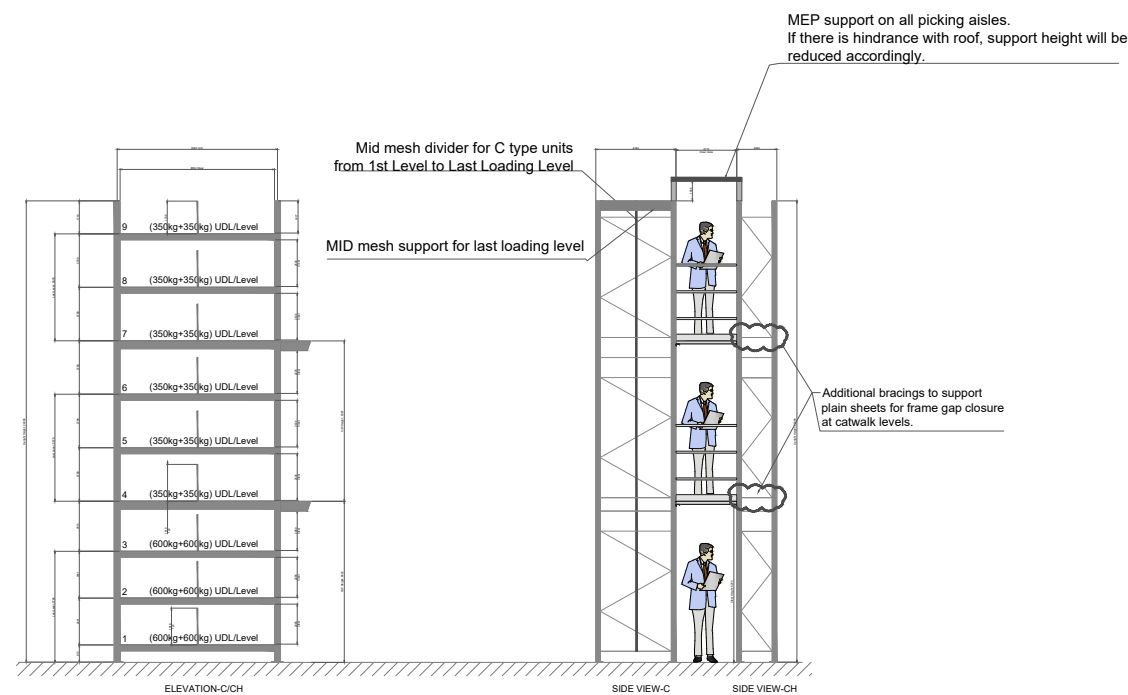
**JAVITH KHAN A**

:DATE:

**28-04-2025**

:SHEET NUMBER:

**S-05**








SWIGGY LIMITED

Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

-  Proposed Wall
-  Existing Wall
-  Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA

140000  
SQ FT

:APPROVED BY: GENERAL  
MANAGER:

ROBIN TOM

:APPROVED BY: DESIGN  
MANAGER:

PRAJITH KK

:DRAWING TITLES:

MEZZANINE SECTION

:DESINGER:

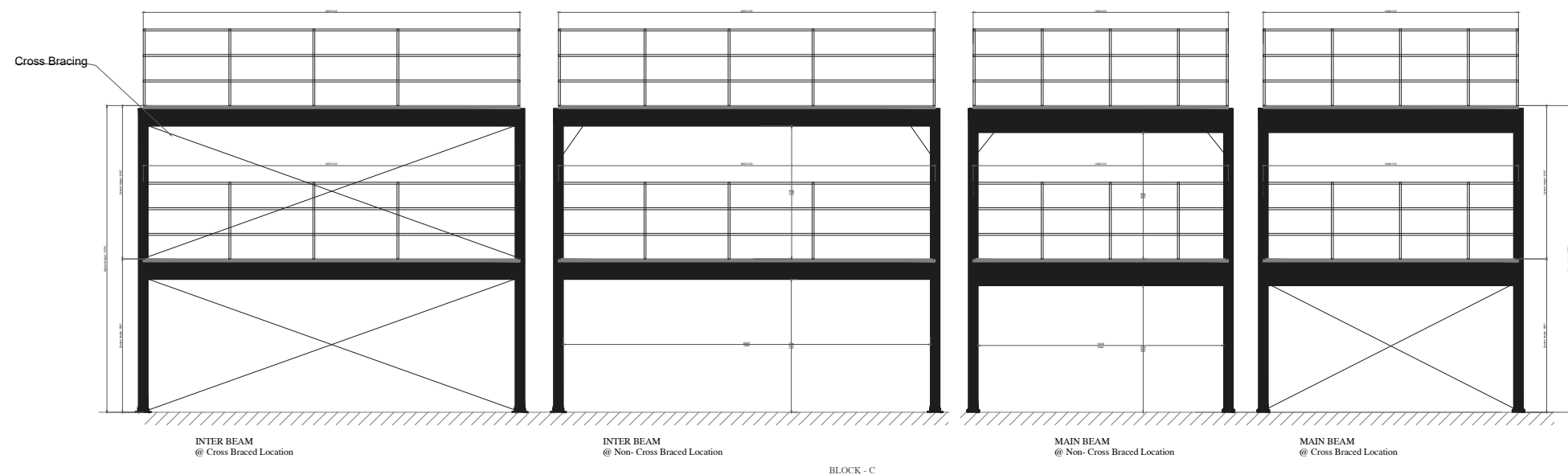
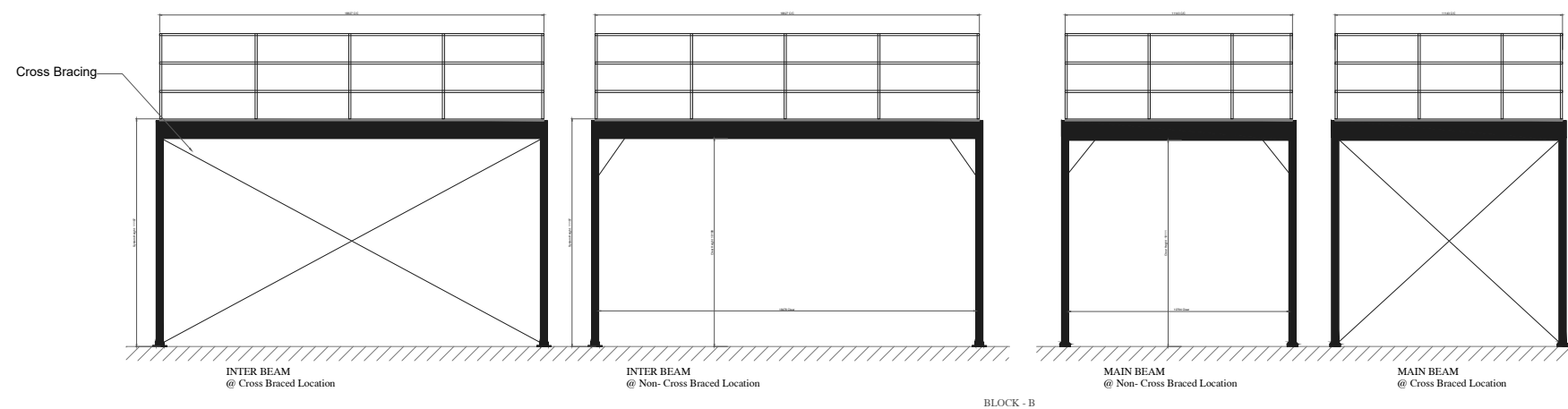
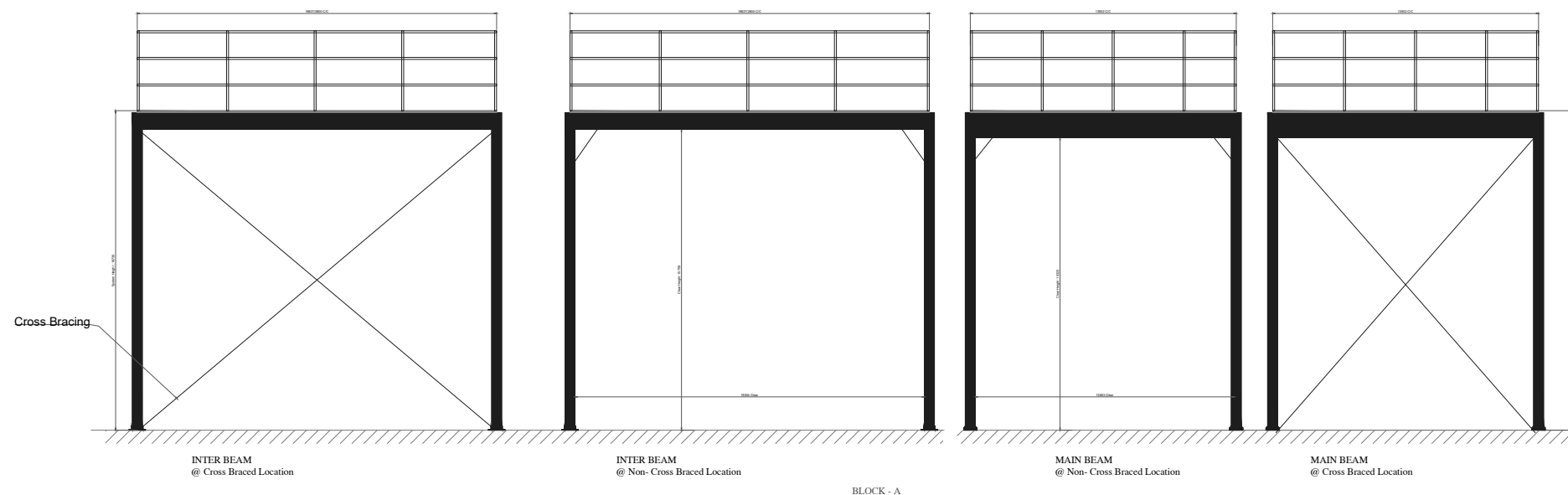
JAVITH KHAN A

:DATE:

28-04-2025

:SHEET NUMBER:

S-05





SWIGGY LIMITED

Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

-  Proposed Wall
-  Existing Wall
-  Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA	140000 SQ FT
-------------	-----------------

:APPROVED BY: GENERAL  
MANAGER:

**ROBIN TOM**

:APPROVED BY: DESIGN  
MANAGER:

**PRAJITH KK**

:DRAWING TITLES:

**WASHROOM DETAILS**

:DESINGER:

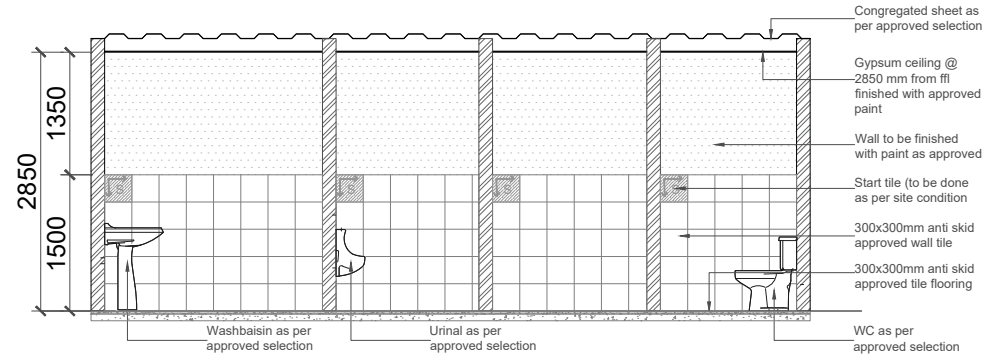
**JAVITH KHAN A**

:DATE:

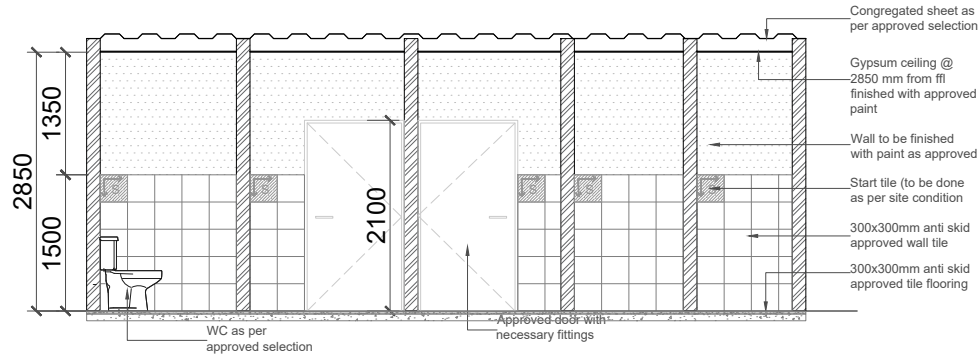
06-05-2025

:SHEET NUMBER:

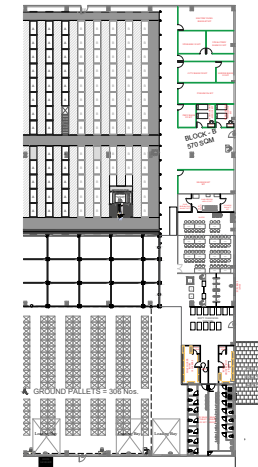
S-14



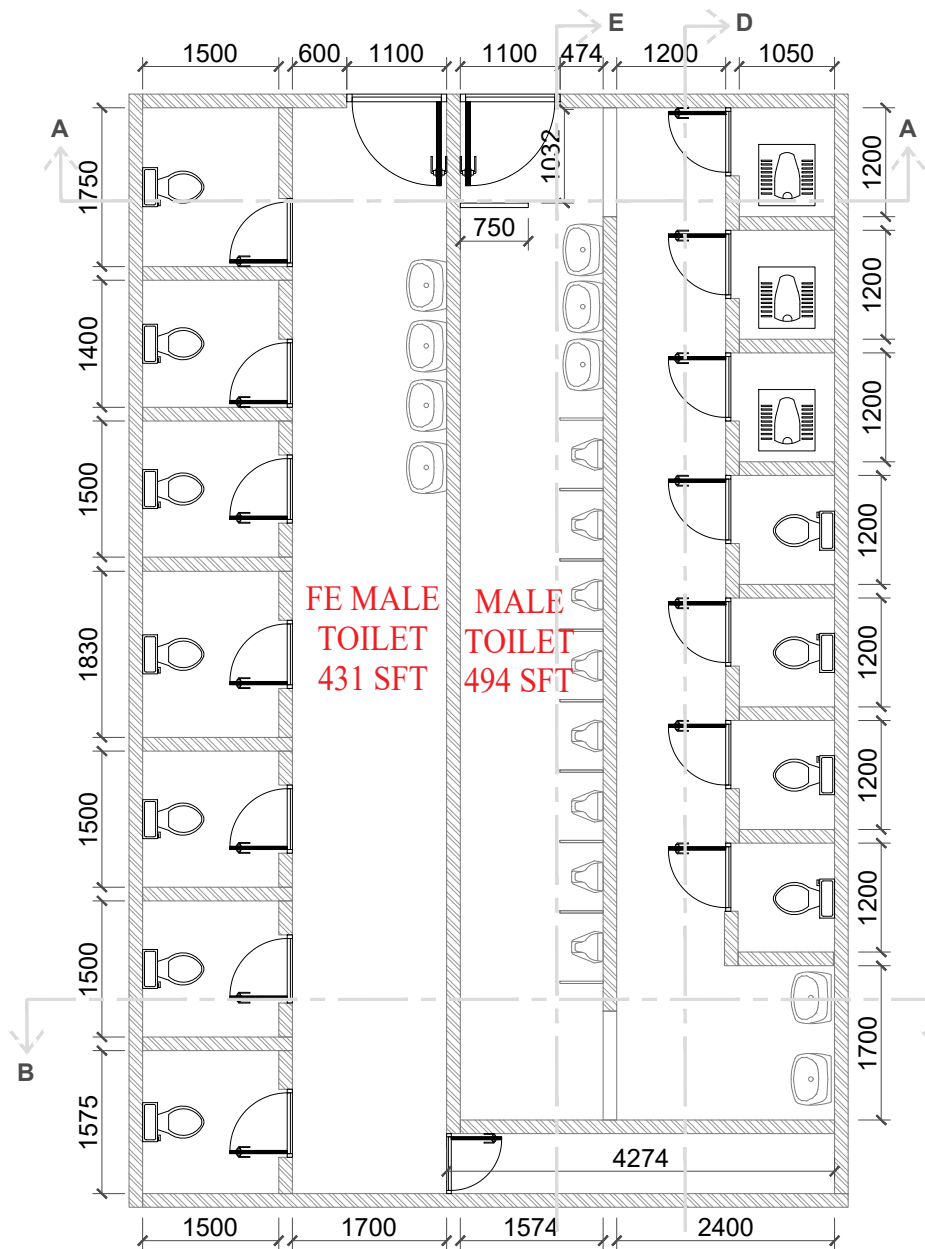
**SECTION A**



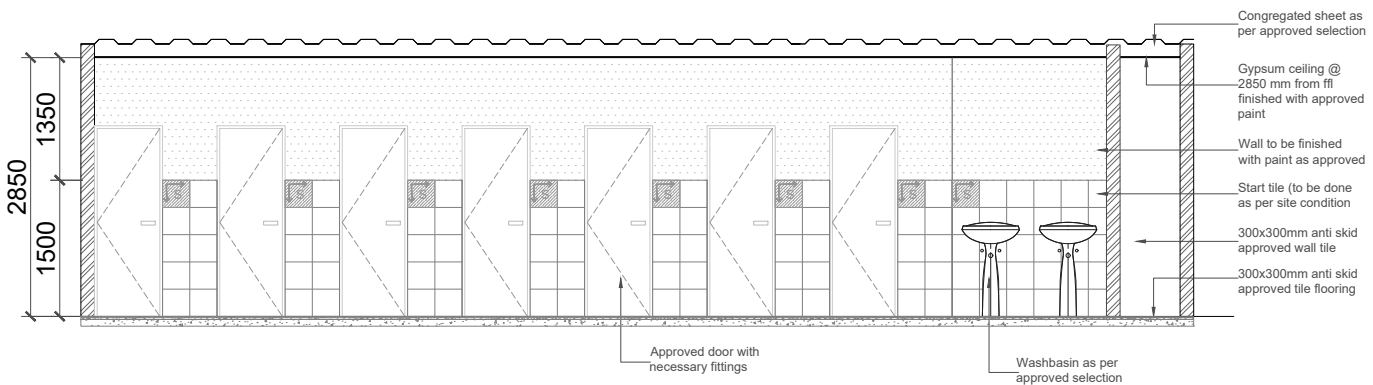
**SECTION B**



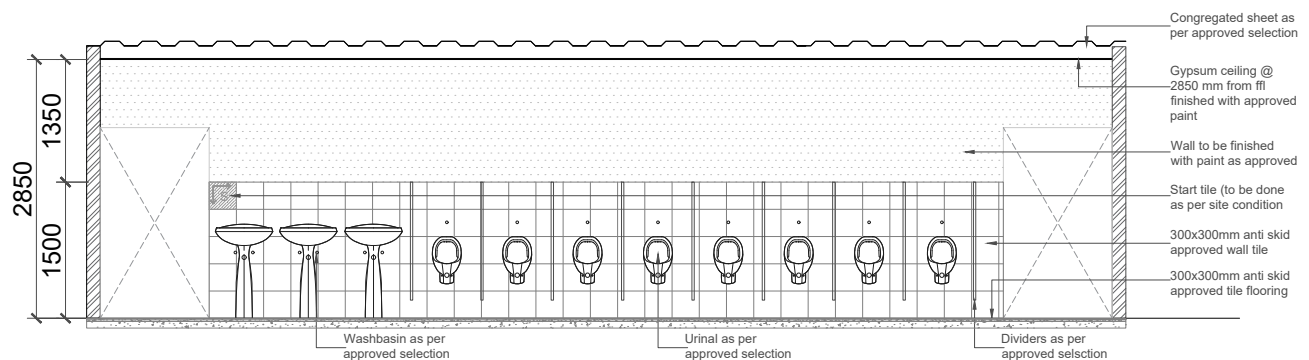
**KEY PLAN**



**DETAIL: WASHROOM: PLAN**



**SECTION -D**



**SECTION -E**





SWIGGY LIMITED

Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

-  Proposed Wall
-  Existing Wall
-  Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA

140000  
SQ FT

:APPROVED BY: GENERAL  
MANAGER:

ROBIN TOM

:APPROVED BY: DESIGN  
MANAGER:

PRAJITH KK

:DRAWING TITLES:

CREATE WASH DETAIL

:DESINGER:

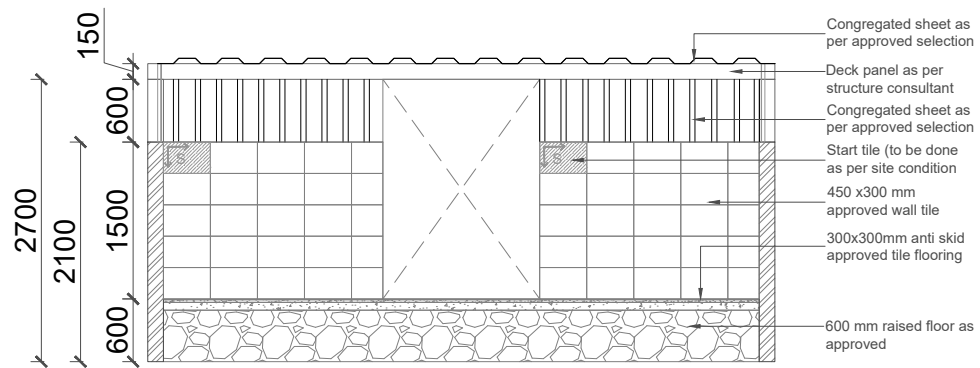
JAVITH KHAN A

:DATE:

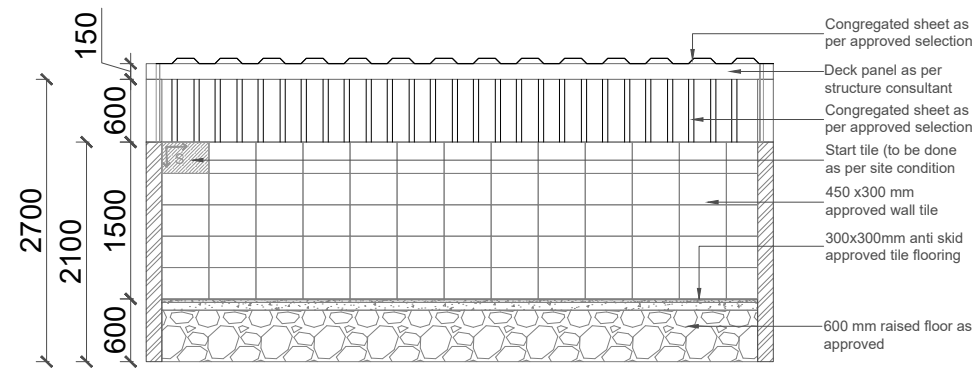
16-05-2025

:SHEET NUMBER:

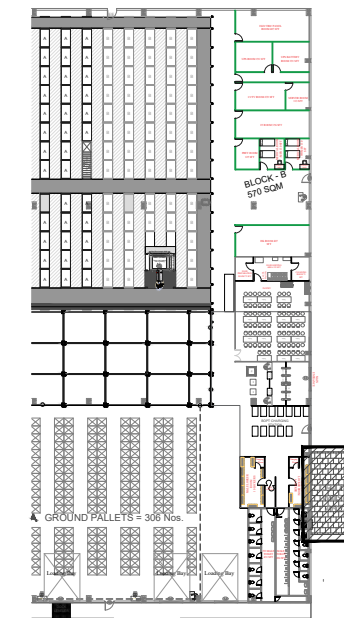
S-17;DET-01



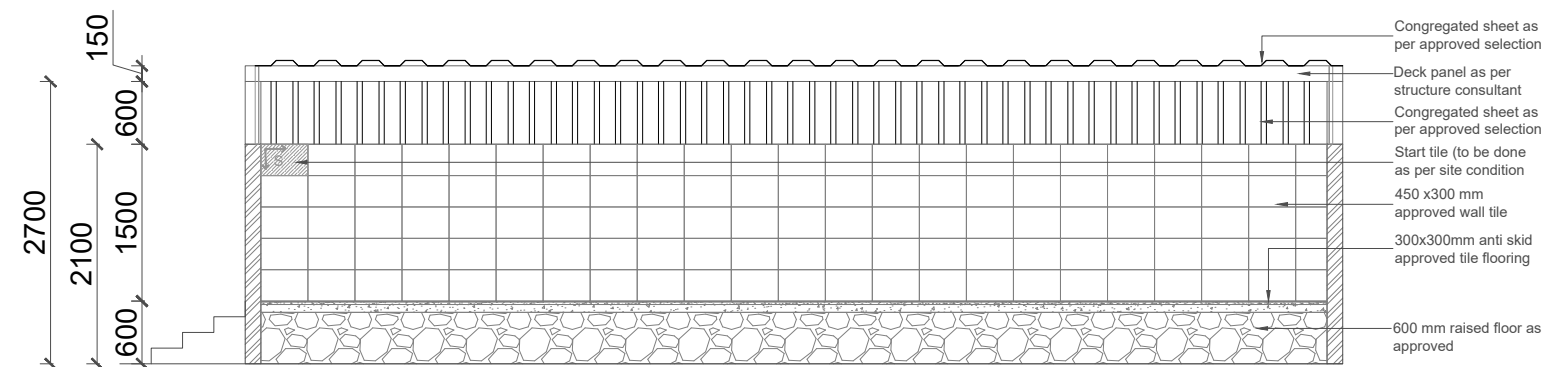
SECTION A



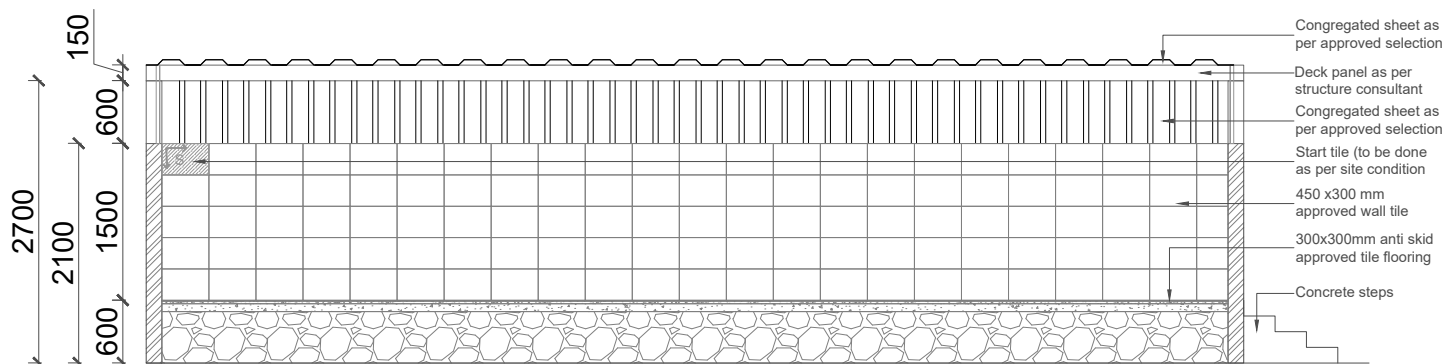
SECTION B



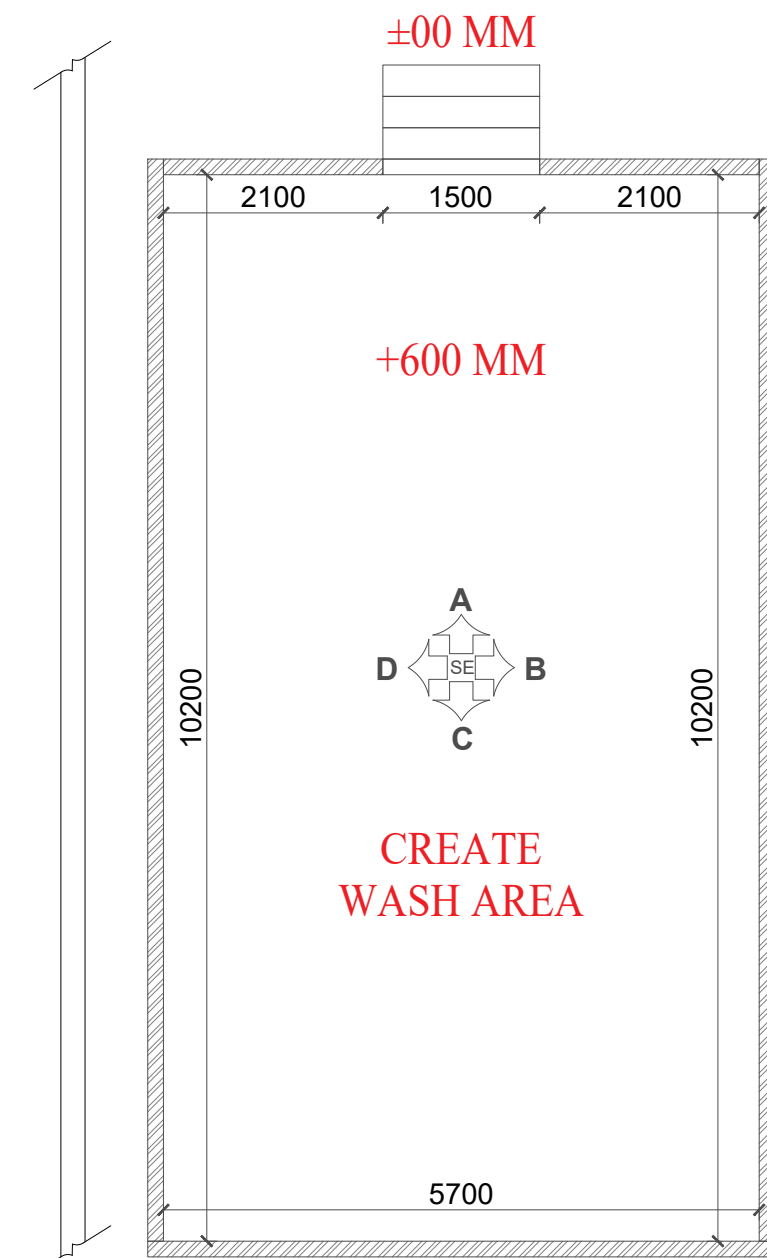
KEY PLAN



SECTION C



SECTION D



PLAN

CREATE  
WASH AREA





SWIGGY LIMITED

Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

-  Proposed Wall
-  Existing Wall
-  Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA	140000 SQ FT
-------------	-----------------

:APPROVED BY: GENERAL  
MANAGER:

ROBIN TOM

:APPROVED BY: DESIGN  
MANAGER:

PRAJITH KK

:DRAWING TITLES:

SCRAP YARD DETAIL

:DESINGER:

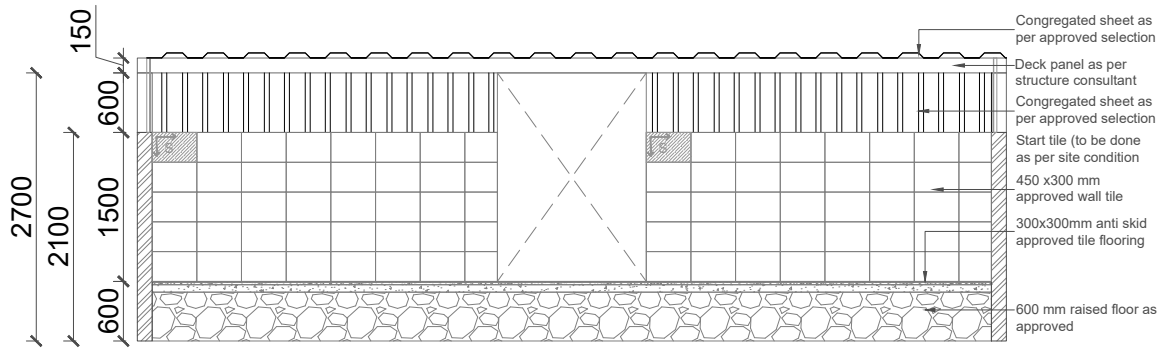
JAVITH KHAN A

:DATE:

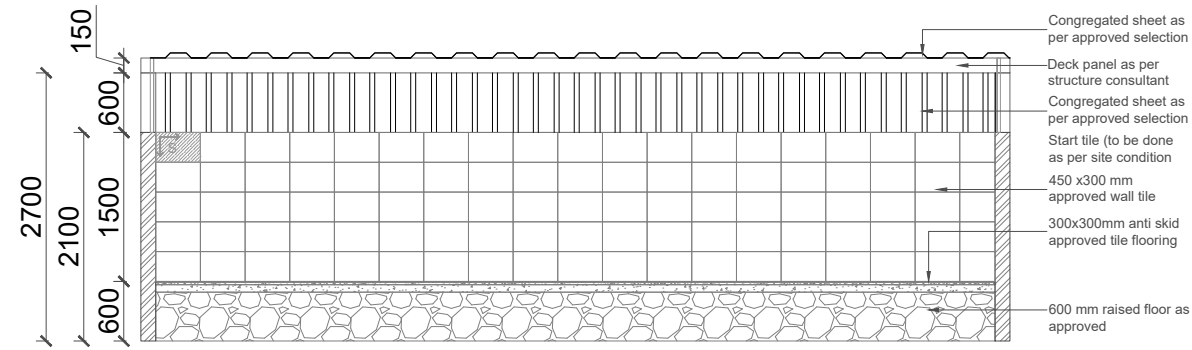
16-05-2025

:SHEET NUMBER:

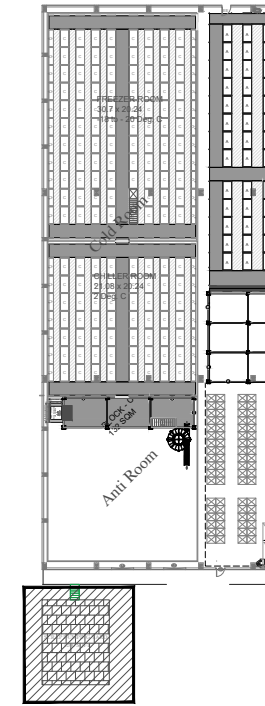
S-18;DET-02



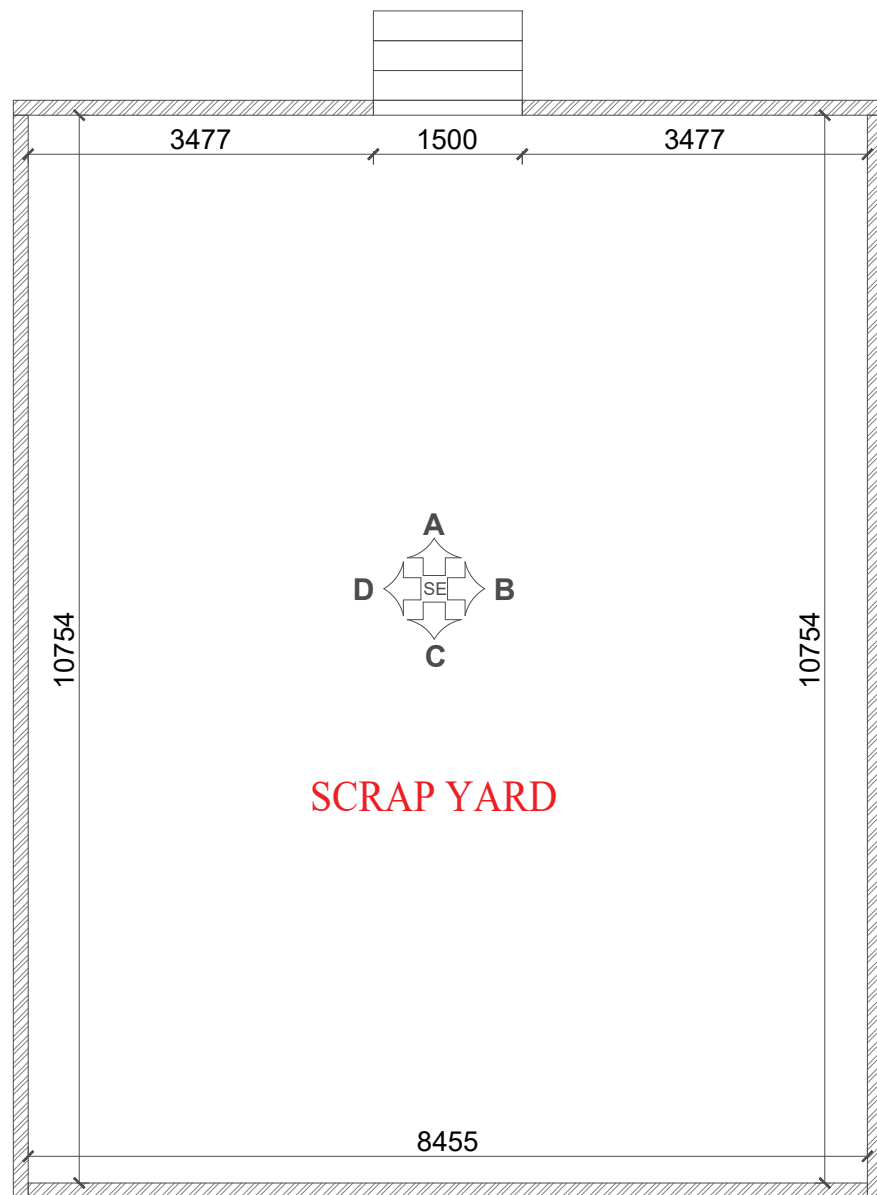
SECTION A



SECTION B

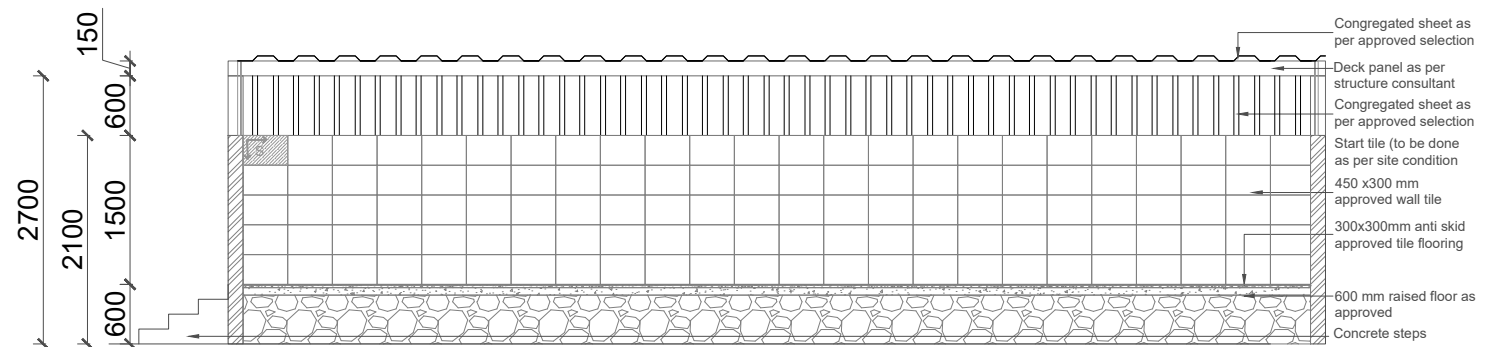


KEY PLAN

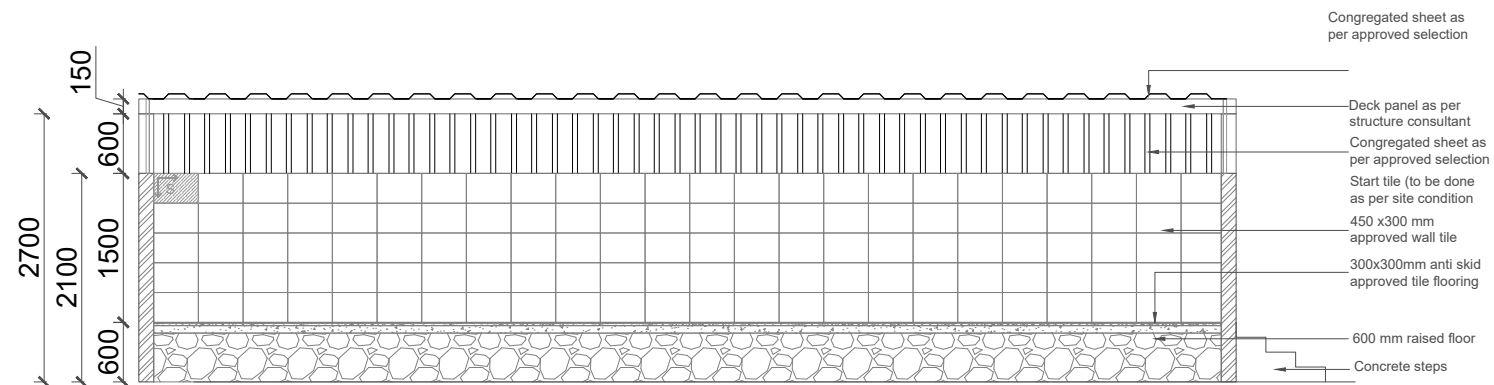


PLAN

SCRAP YARD



SECTION C



SECTION D





SWIGGY LIMITED

Tower 5I&5J,  
Embassy Tech Village,  
Bangalore - 560103

NOTES:

-  Proposed Wall
-  Existing Wall
-  Column

:PROJECT:

DODDADUNNASANDRA IM  
AMBIENT WAREHOUSE

CARPET AREA	140000 SQ FT
-------------	-----------------

:APPROVED BY: GENERAL  
MANAGER:

ROBIN TOM

:APPROVED BY: DESIGN  
MANAGER:

PRAJITH KK

:DRAWING TITLES:

MAIN ENTRANCE DETAIL

:DESINGER:

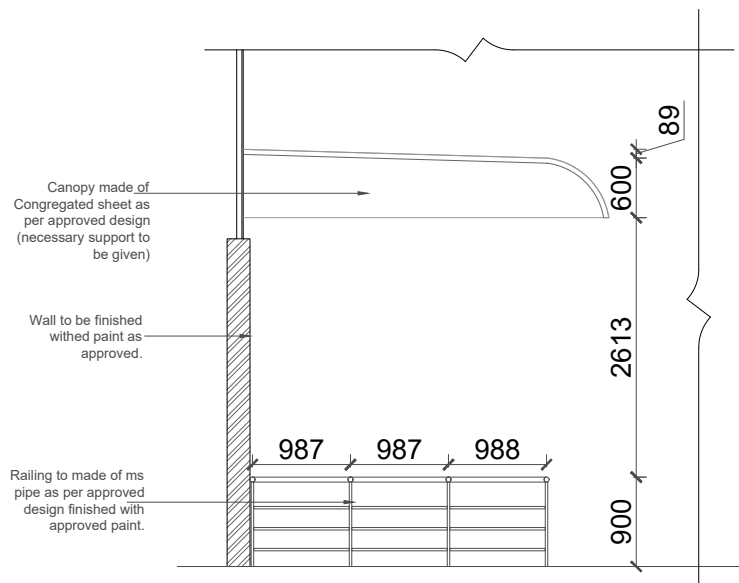
JAVITH KHAN A

:DATE:

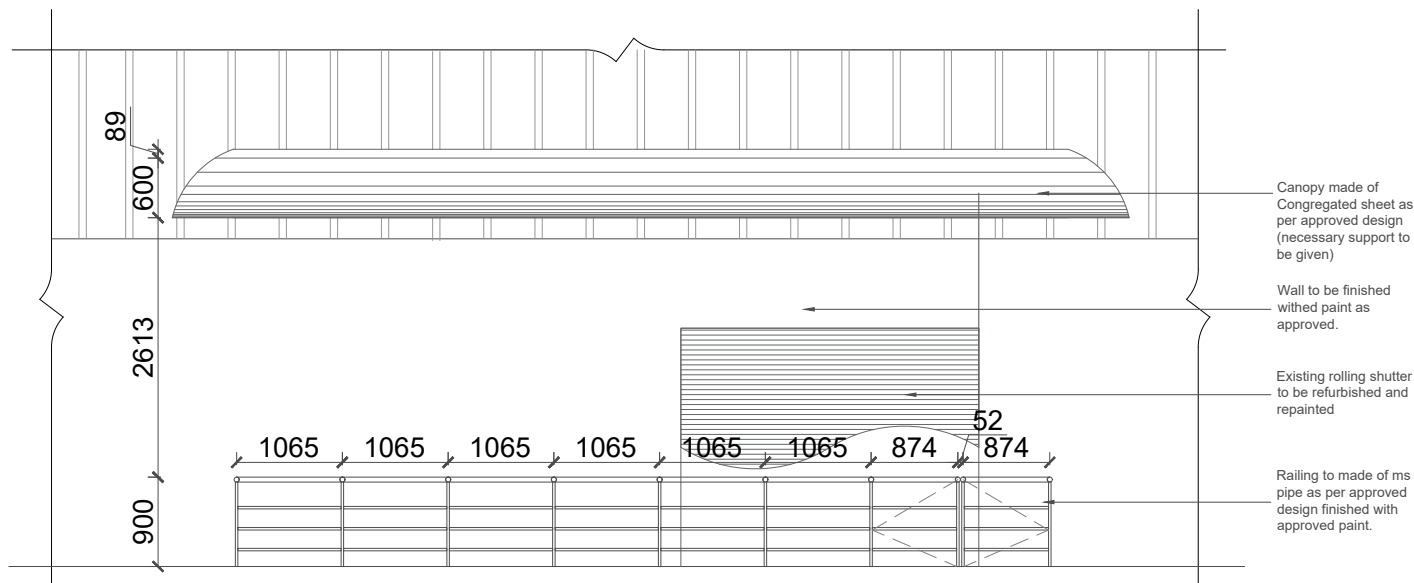
16-05-2025

:SHEET NUMBER:

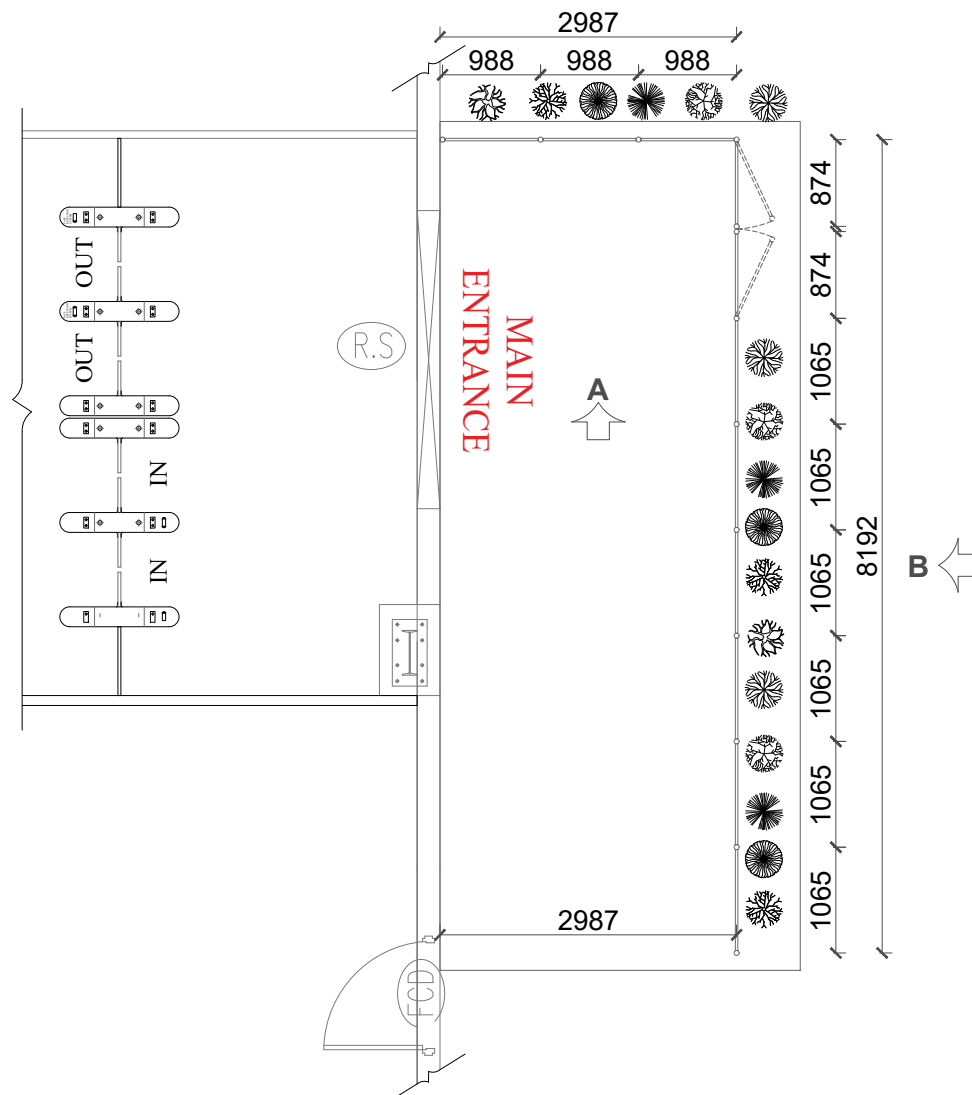
S-19;DET-03



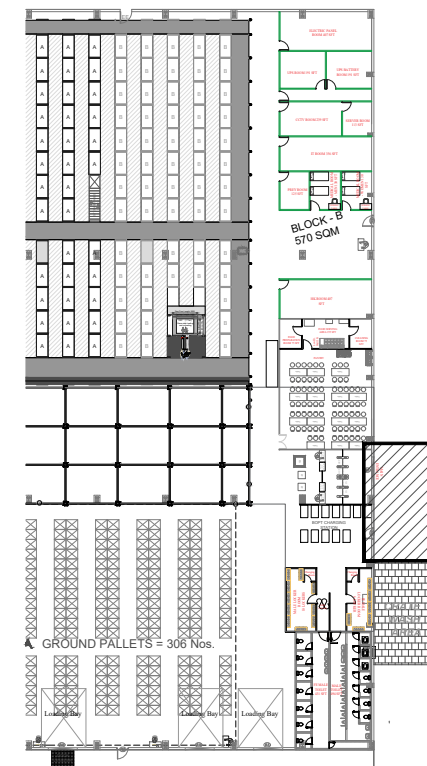
**ELEVATION A**



**ELEVATION B**



**PLAN**



**KEY PLAN**



# redsea

## SHURA ISLANDS

CLIENT: **THE RED SEA GLOBAL (FORMERLY KNOWN AS THE RED SEA DEVELOPMENT COMPANY)**

LOCATION: **SHURA ISLANDS, KINGDOM OF SAUDI ARABIA**

EXECUTIVE ARCHITECT AND BACK OF HOUSE: **KHATIB & ALAMI**

HOTEL OPERATOR: **IHG - INTERCONTINENTAL HOTELS GROUP**

CONCEPT ARCHITECT AND SCHEMATICS: **FOSTER + PARTNERS**

### PROJECT GEOGRAPHY:

THE HOTEL CENTRAL - 2 (HC2) IS SET IN BREATH-TAKING SURROUNDINGS AND IS SITUATED IN THE **NORTHERN PART OF THE CENTRAL ISLAND** AT THE **HEART OF THE LAGOON ON SHURA ISLAND**.

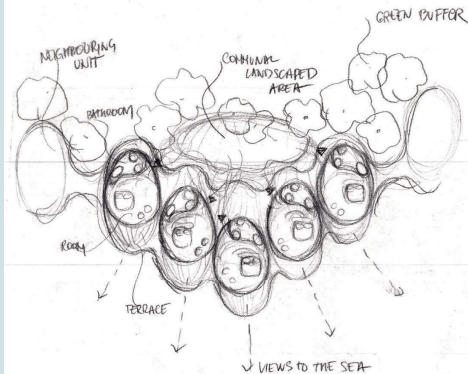
### ARCHITECTURAL BRIEF:

WITH **210 UNIQUE HOTEL ROOMS** AND A UNIQUE MIX OF PUBLIC AMENITIES THIS PREMIUM HOTEL RESORT IS DESIGNED AROUND A CENTRAL SPINE WITH **PUBLIC AMENITIES AT THE HEART** WITH SECONDARY ROUTES MEANDERING THROUGH THE **LANDSCAPE TO THE GUESTROOMS**.

### CONCEPTUAL BRIEF:

THIS HOTEL INCLUDES A **SERIES OF UNIQUE ROOMS** CLUSTERED IN FORMS THAT ARE **INSPIRED BY THE LOCAL CORAL REEF** AND **NATURAL ORGANIC FORMS AND VIBRANT COLOURS** ALLOWING GUESTS TO ENJOY LANDSCAPE AND BECOME AT **ONE WITH NATURE**.

THE ARCHITECTURE **BLENDS SEAMLESSLY INTO THE LANDSCAPE** OFFERING A DISCREET LUXURY EXPERIENCE. IN BETWEEN GUESTROOMS THERE IS A **SEQUENCE OF LANDSCAPED COURTYARDS** THAT ACT LIKE **STEPPINGSTONES** TOWARDS THE **BEACH** AND AIMS TO ACHIEVE THE HIGHEST ENVIRONMENTAL STANDARDS OF **SUSTAINABILITY** TO PRESERVE AND PROTECT THE REGION'S STUNNING NATURAL BIODIVERSITY.



CONCEPT SKETCHES COPYWRITEN BY F+P





0 100 300 600 1000 2000



THE CAPE

THE RESERVE

THE RETREAT

THE DUNE CAMP

THE TRAILS

THE COVES

THE LUXURY VILLAGE

THE REEF

Golf Villas

HW1

HW2

HW3

HW4

HC2

HC3

HC1

HE4

HE1

HE2

HE3

# masterplan - public amenities



VOLLEY BALL COURT

KIDS & TEENS RECREATION CENTRE

WATER SPORTS CENTRE

POOL BAR & GRILL

ALL-DAY DINING

MEETING & BANQUET

ROOM SUPPORT 1

SPECIALITY BAR

SPECIALITY RESTAURANT

ROOM SUPPORT 3

ROOM SUPPORT 2

SPA

FITNESS CENTRE

TENNIS COURT

ARRIVAL HUB - BOH

CLUB ROOM

HOH



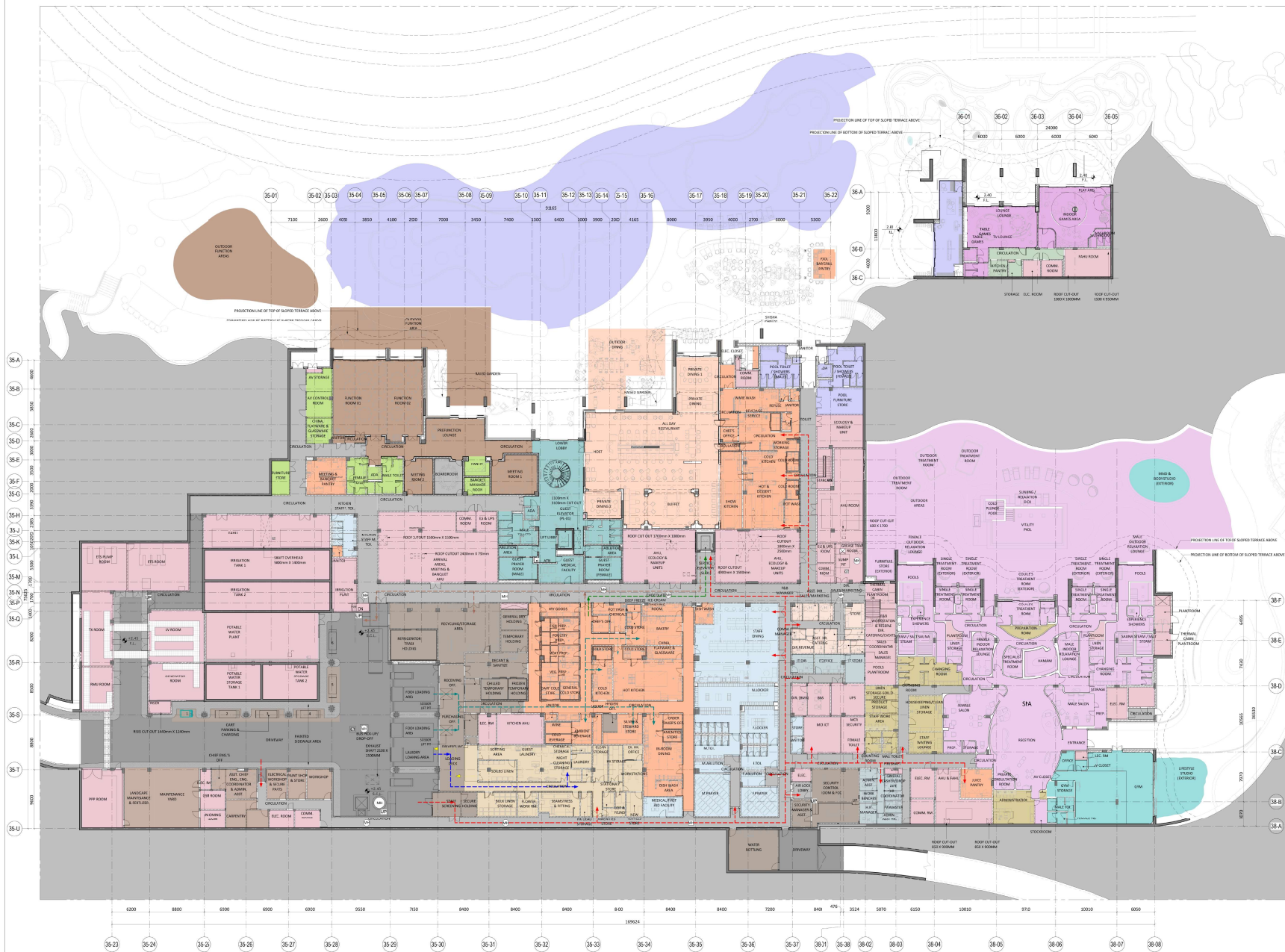
# arrival hub - lower ground floor



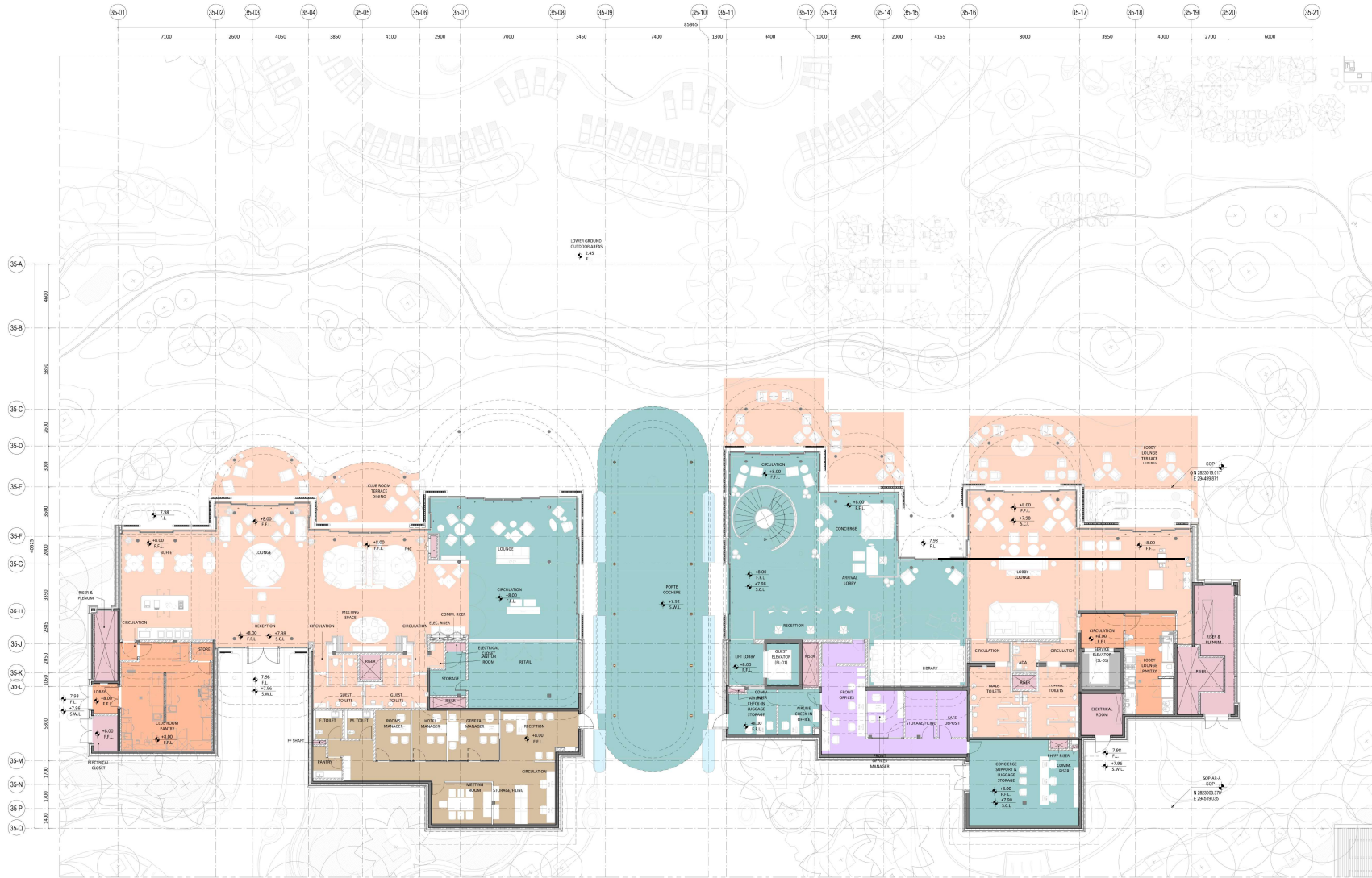
## LEGEND:

- STAFF
- LAUNDRY
- CLEAN PATH
- GOODS
- WASTE
- SOLID LINEN

- PUBLIC AREAS
- FOOD & BEVERAGE
- MEETING & BANQUET
- M&B SUPPORT
- FITNESS
- SPA-RESORT
- SPA-BOH
- RECREATION
- KIDS & TEEN
- KIDS & TEEN BOH
- BOH FACILITIES
- FRONT OFFICE
- EXECUTIVE OFFICE
- ADMIN OFFICE
- FINANCE / HR
- STAFF FACILITIES
- FOOD SERVICE(HOH)
- LAUNDRY
- SECURITY, RECIVING & PURCHASING
- ENGG. & MAINTENANCE
- MEP & SPECIAL SYSTEM



# arrival hub - upper ground floor

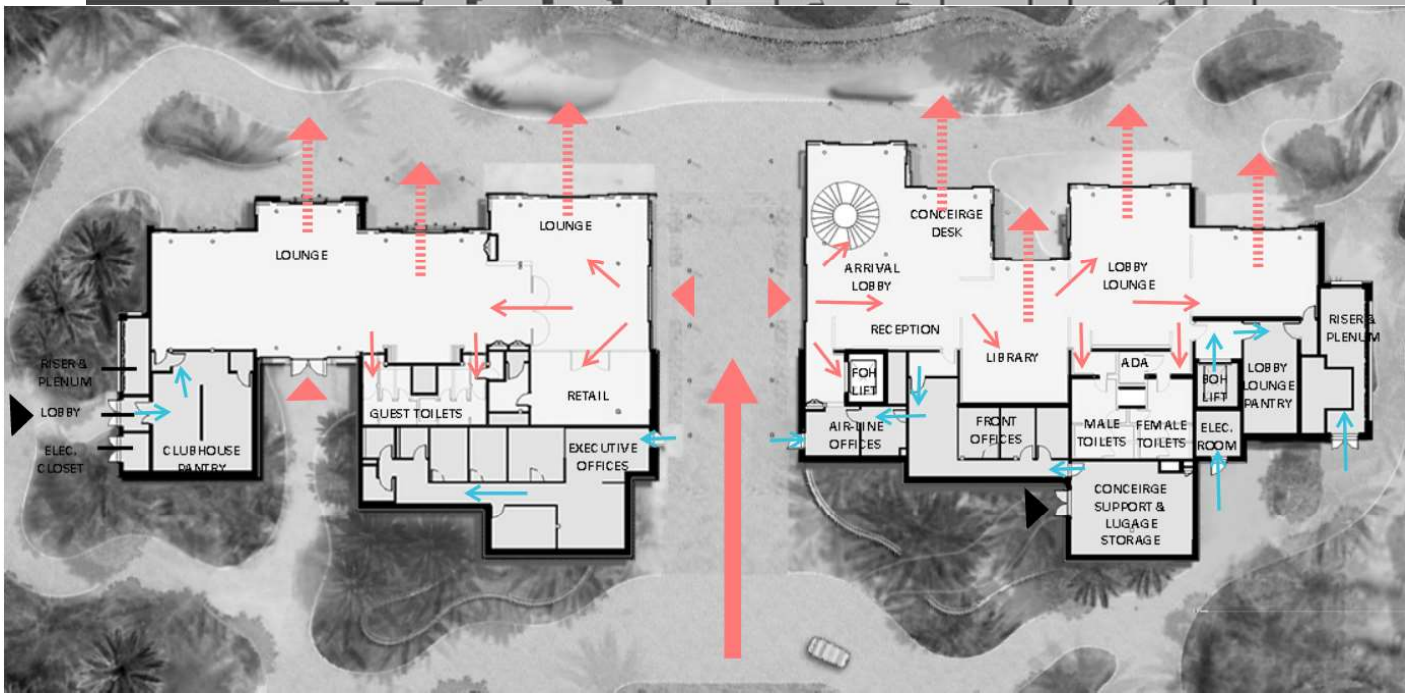
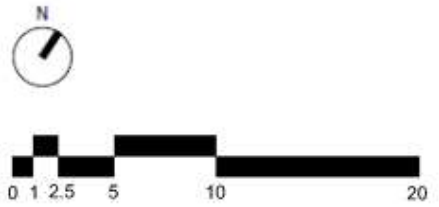
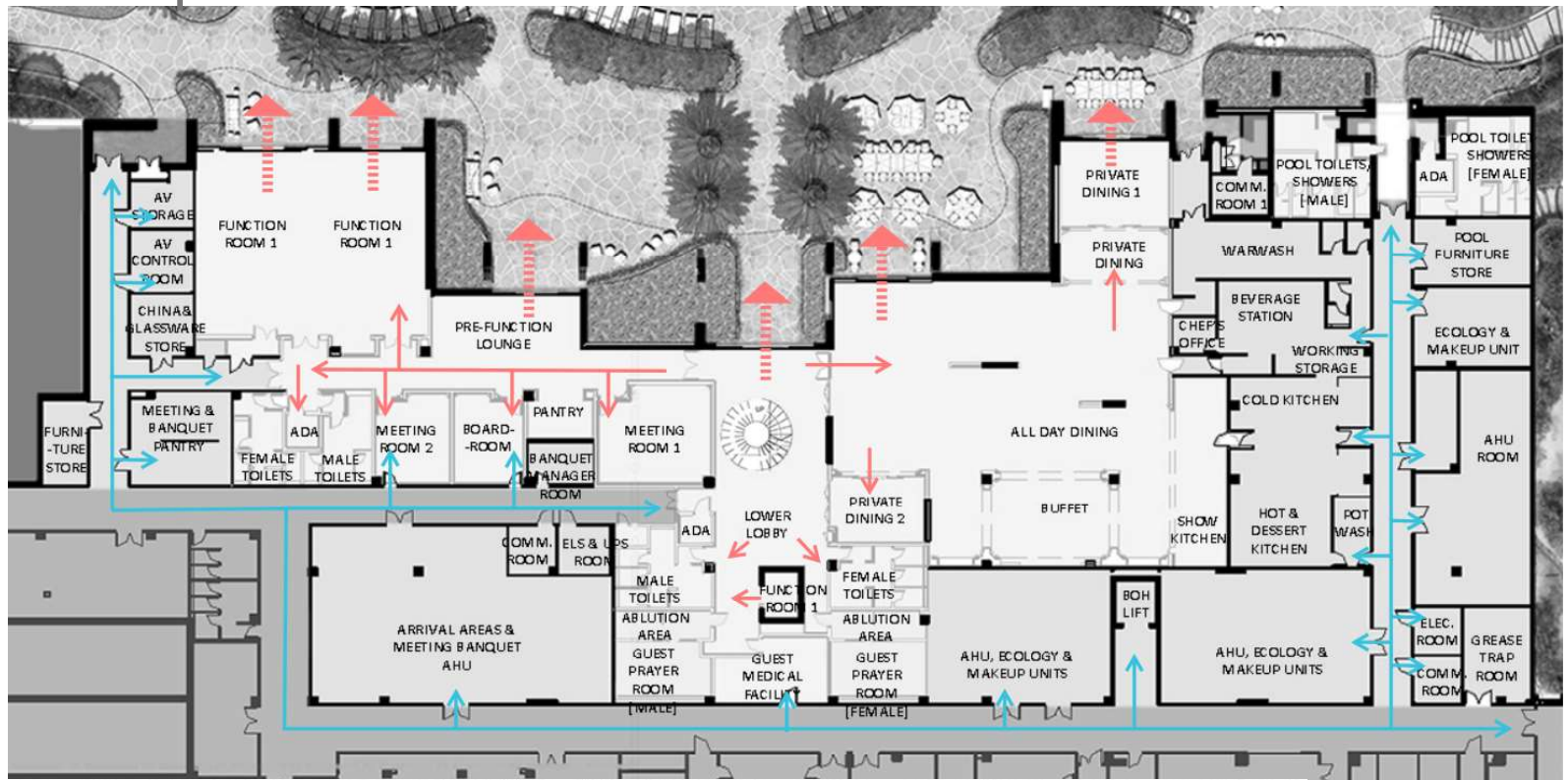






## LEGEND:

- PUBLIC AREAS
- FOOD & BEVERAGE
- MEETING & BANQUET
- M&B SUPPORT
- FITNESS
- SPA-RESORT
- SPA-BOH
- RECREATION
- KIDS & TEEN
- KIDS & TEEN BOH
- BOH FACILITIES
- FRONT OFFICE
- EXECUTIVE OFFICE
- ADMIN OFFICE
- FINANCE / HR
- STAFF FACILITIES
- FOOD SERVICE(HOH)
- LAUNDRY
- SECURITY, RECIVING & PURCHASING
- ENGG. & MAINTENANCE
- MEP & SPECIAL SYSTEM

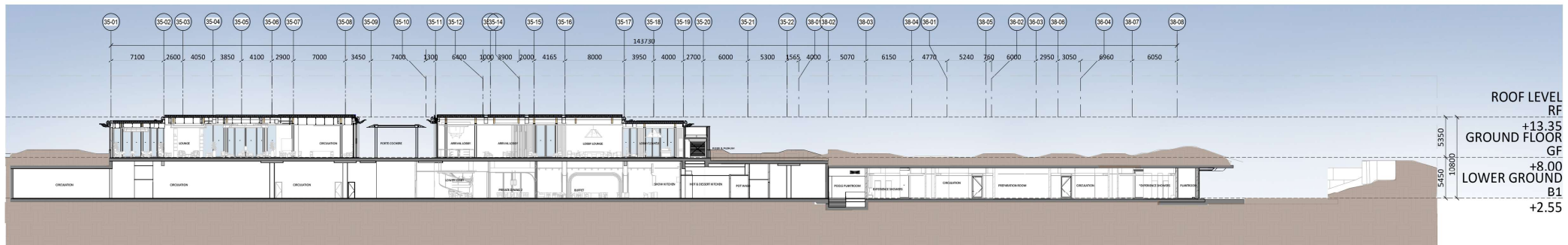
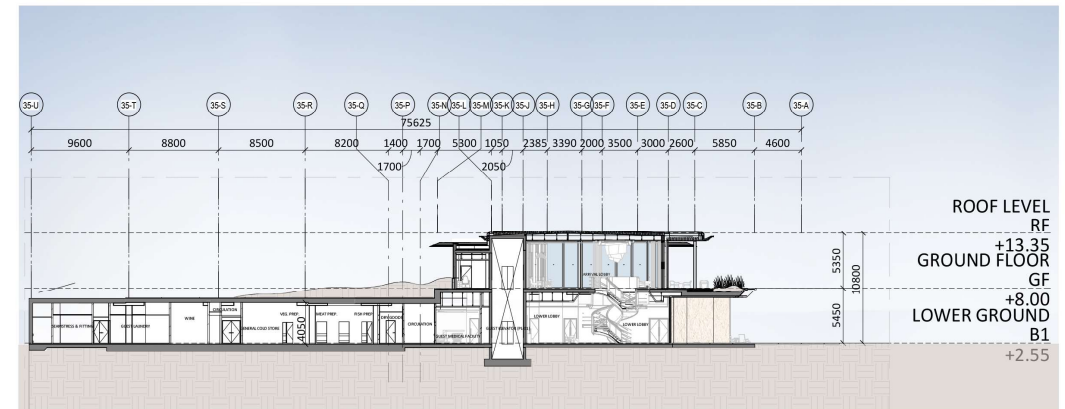
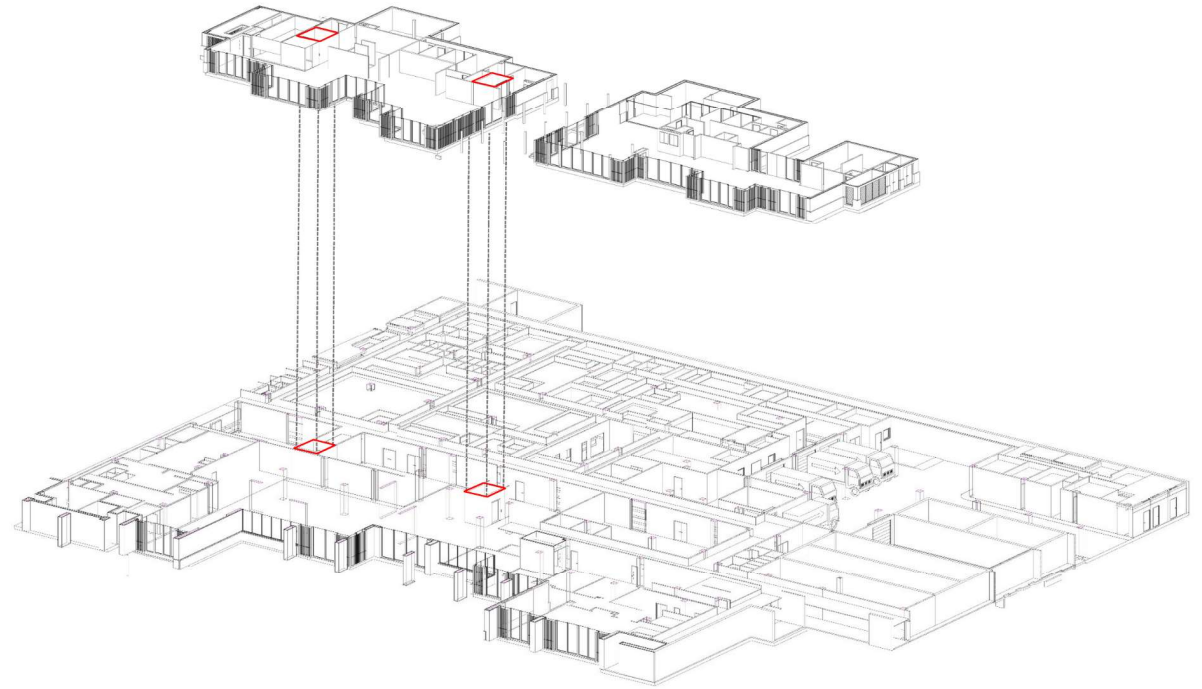


# arrival hub - functions & operations

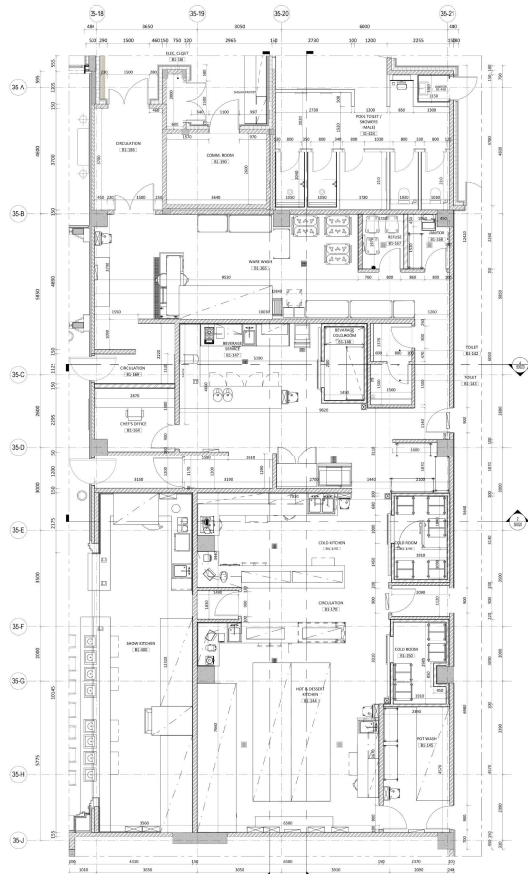


-  MAIN PUBLIC ENTRANCE
-  PUBLIC CONNECTING ROUTES
-  GUEST CIRCULATION
-  BOH CIRCULATION

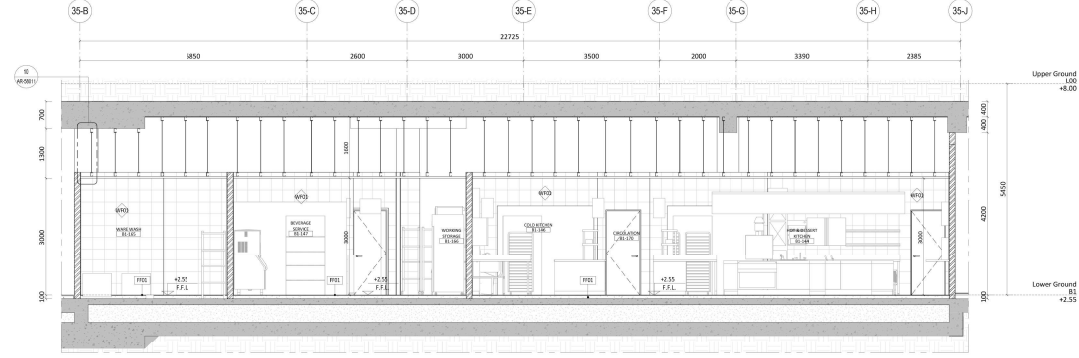
# arrival hub - sections



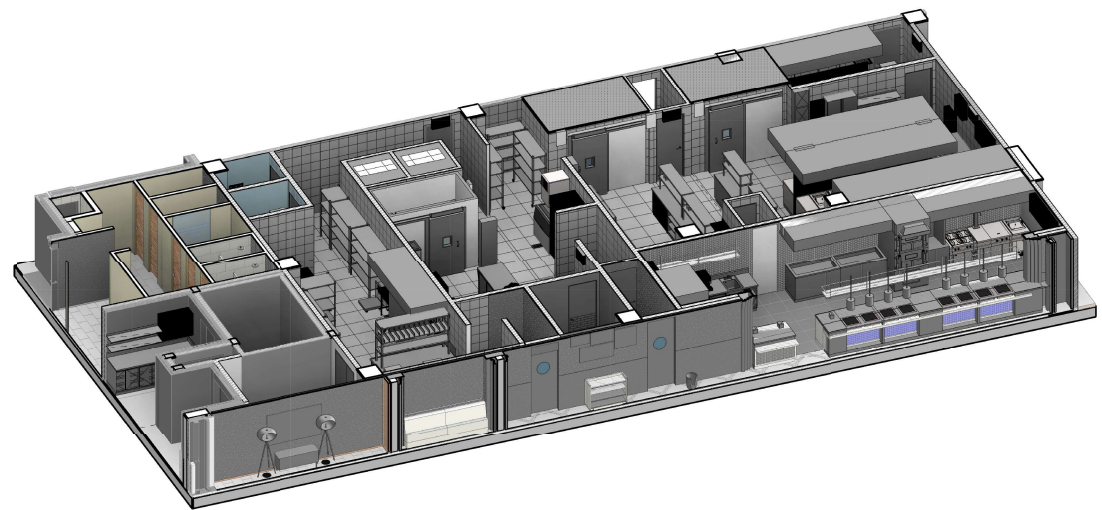
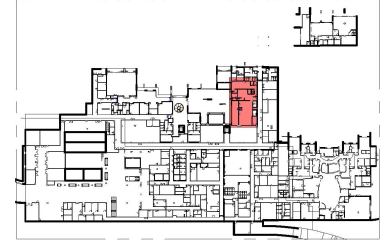
# arrival hub - BOH - allday dining kitchen



1 ALL DAY DINING KITCHEN PLAN  
1:50



1 SECTION - 1  
1:50

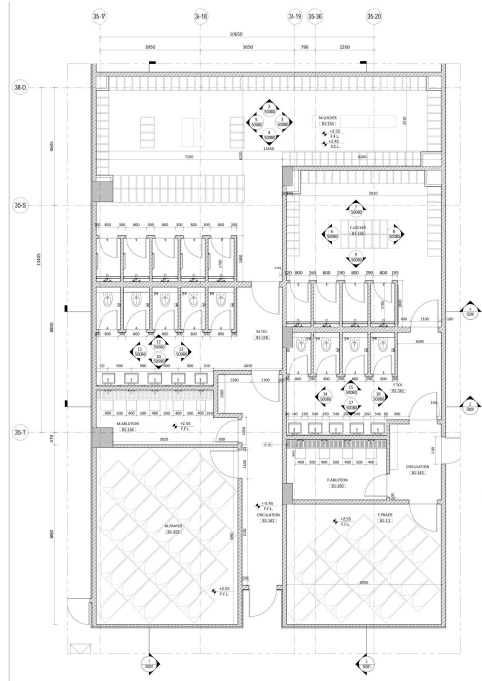


## REFLECTED CEILING LEGEND

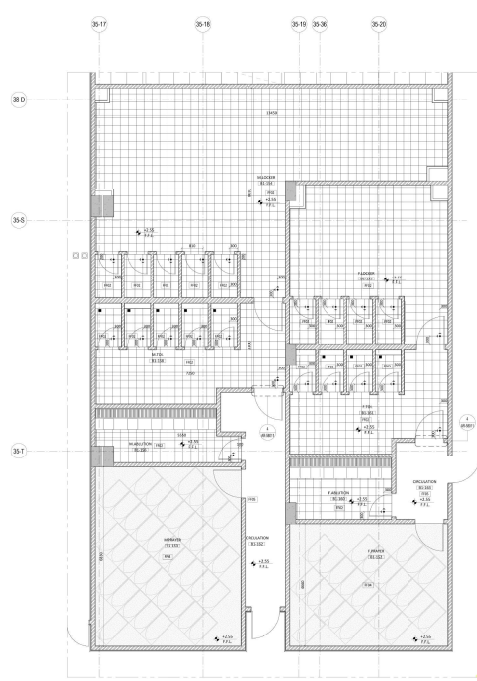
- CF01:** 600X600X0.7MM THICK POWDER COATED "CLIP-IN" PLAIN ALUMINIUM CEILING TILES WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC FIXED TO AN ADJUSTABLE GALVANIZED SUSPENSION SYSTEM, EDGE COVER PROFILE IS L-TYPE.  
 SPACE OVER REFLECTED CEILING TO HAVE PURE ACRYLIC ANTI-FUNGUS PAINT OVER 15MM THICK CEMENT PLASTER FOR WALLS AND 10MM FOR CEILING.
- CF02:** 600X600X0.7MM THICK POWDER COATED "CLIP-IN" PERFORATED ALUMINIUM CEILING TILES WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC FIXED TO AN ADJUSTABLE GALVANIZED SUSPENSION SYSTEM, EDGE COVER PROFILE IS L-TYPE.
- CF03:** 600X600X0.7MM THICK POWDER COATED "CLIP-IN" PLAIN ALUMINIUM CEILING TILES FIXED TO AN ADJUSTABLE GALVANIZED SUSPENSION SYSTEM, EDGE COVER PROFILE IS L-TYPE.
- CF04:** MAX. 2.500 (VARIES TO FULL CORRIDOR WIDTH)X600X0.7MM THICK POWDER COATED "CLIP-IN" PLAIN ALUMINIUM CEILING WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC FIXED TO AN ADJUSTABLE GALVANIZED SUSPENSION SYSTEM, EDGE COVER PROFILE IS L-TYPE.
- CF05:** 600X600X12.5MM THICK MOISTURE RESISTANT FACTORY PAINTED "LAY-IN" PLAIN GYPSUM TILES CEILING FIXED TO AN ADJUSTABLE POWDER COATED GALVANIZED SUSPENSION SYSTEM 15MM WIDE, EDGE COVER PROFILE IS L-TYPE.
- CF06:** SMOOTH FINISH 6MM THICK SELF-COLOURED SPRAY PLASTER OVER RCC SLAB.
- CF07:** 600X600X12.5MM THICK MOISTURE RESISTANCE FACTORY PAINTED "LAY-IN" PLAIN ACOUSTICAL GYPSUM TILES CEILING WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC FIXED TO AN ADJUSTABLE POWDER COATED GALVANIZED SUSPENSION SYSTEM 15MM WIDE, 12.5MM THICK REGULAR (MOISTURE RESISTANCE FOR WET AREA) GYPSUM BOARD CEILING WITH CONCEALED GALVANIZED SUSPENSION SYSTEM TO FORM SEAMLESS SUSPENDED CEILING. BOARDS TO RECEIVE FENOMASTIC PAINT MATT FINISH.
- CF08:** PURE ACRYLIC ANTI-FUNGUS PAINT OVER 10MM THICK CEMENT/SAND PLASTER.
- CF09:** ANTI-CARBONATION PAINT OVER SMOOTH FINISH TREATED CONCRETE SURFACE.
- CF10:** 4MM THICK GRP LINING.
- CF11:** SOLVENT FREE EPOXY PAINT OVER SMOOTH FINISH TREATED SURFACE.
- CF12:** 600X600X12.5MM THICK MOISTURE RESISTANCE FACTORY PAINTED "LAY-IN" PLAIN GYPSUM TILES CEILING WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC FIXED TO AN ADJUSTABLE POWDER COATED GALVANIZED SUSPENSION SYSTEM 15MM WIDE, 12.5MM THICK REGULAR (MOISTURE RESISTANCE FOR WET AREA) GYPSUM BOARD CEILING WITH CONCEALED GALVANIZED SUSPENSION SYSTEM TO FORM SEAMLESS SUSPENDED CEILING. BOARDS TO RECEIVE FENOMASTIC PAINT MATT FINISH.
- CF13:** 12.5MM THICK REGULAR (MOISTURE RESISTANCE FOR WET AREA) GYPSUM BOARD CEILING WITH CONCEALED GALVANIZED SUSPENSION SYSTEM TO FORM A SEAMLESS SUSPENDED CEILING. BOARDS TO RECEIVE FENOMASTIC PAINT MATT FINISH.
- ESS-405:** BESPOKE GRC SOFFIT SYSTEM.



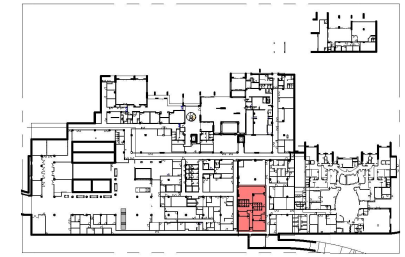
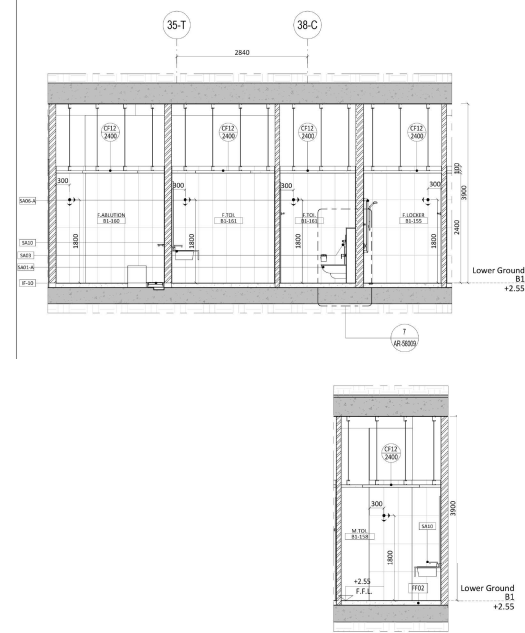
# arrival hub - BOH - staff facilities - wet areas



1 LOWER GROUND - STAFF FACILITIES  
1:50



1 SPA - STAFF FACILITIES - FLOORING LAYOUT  
1:50



## FLOORING LEGEND

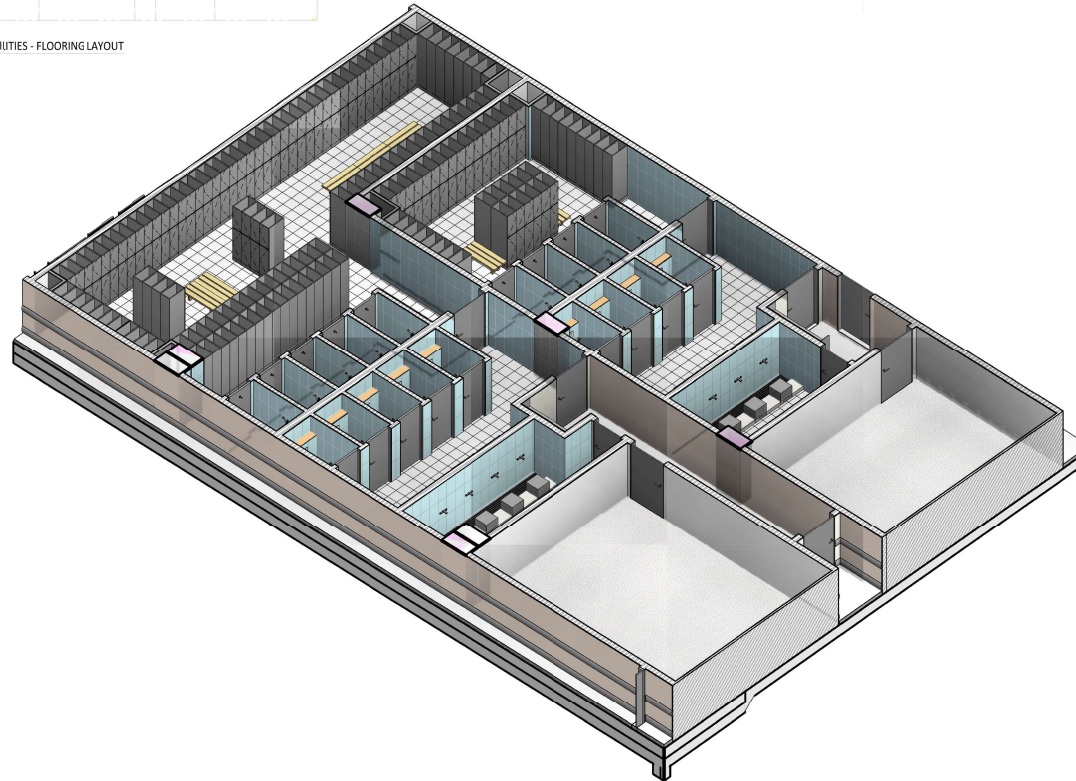
- FF01: 600x600x10mm HEAVY DUTY ANTI-SLIP PORCELAIN TILES GLEUED TO CEMENT/SAND SCREED WITH ANTI-FUNGUS GROUT, LIGHT COLOR (PC SUPPLY RATE SAR 100/m<sup>2</sup>), R11 NON-SLIP RATING
- FF02: 300x900x10mm ANTI-SLIP PORCELAIN TILES GLEUED TO CEMENT/SAND SCREED WITH ANTI-FUNGUS GROUT, LIGHT COLOR (PC SUPPLY RATE SAR 40/m<sup>2</sup>), R10 NON-SLIP RATING
- FF03: 600x600x10mm ANTI-SLIP PORCELAIN TILES GLEUED TO CEMENT/SAND SCREED WITH ANTI-FUNGUS GROUT, LIGHT COLOR (PC SUPPLY RATE SAR 60/m<sup>2</sup>), R10 NON-SLIP RATING
- FF04: HEAVY DUTY BROADLOOM CARPET WITH PVC BACKING AND ADHESIVE LAYER CONTAINING SANITIZED ANTI-MICROBIAL AGENT, TO BE FIXED ON TREATED SURFACE CEMENT/SAND SCREED (PC SUPPLY RATE SAR 120/m<sup>2</sup>)
- FF05: HEAVY DUTY 2MM DFT EPOXY RESIN BASED COATING APPLIED OVER SMOOTH FINISH TREATED CEMENT/SAND SCREED OR CONCRETE SURFACE, R10 NON-SLIP RATING
- FF06: STANDARD DUTY 400 MICRONS DFT EPOXY RESIN BASED COATING APPLIED OVER SMOOTH FINISH TREATED CEMENT/SAND SCREED OR CONCRETE SURFACE WITH FINE SILICA AGGREGATES
- FF07: STANDARD DUTY 250 MICRONS DFT EPOXY RESIN BASED COATING APPLIED OVER SMOOTH FINISH TREATED CEMENT/SAND SCREED OR CONCRETE SURFACE WITH FINE SILICA AGGREGATES AND ANTI-SLIP NOSE
- FF08: LIGHT DUTY 0.5MM DFT EPOXY RESIN BASED COATING APPLIED OVER SMOOTH FINISH TREATED CEMENT/SAND SCREED OR CONCRETE SURFACE, R10 NON-SLIP RATING
- FF09: 600x600x2mm THICK ANTI-STATIC PVC TILES (PC SUPPLY RATE SAR 60/m<sup>2</sup>) OVER BASED FLOORING SYSTEM OF 600x600x3mm STEEL SHEET FACED CHIPBOARD CORE TILES OF 25mm THICKNESS
- FF10: ANTI-SLIP AGGREGATES HEAVY DUTY 900 MICRONS DFT (EXCLUDING AGGREGATES) POLYURETHANE BASED TRAFFIC COATING APPLIED OVER POWER FLOATED CONCRETE SLAB, UV RESISTANCE TOP COAT AT EXPOSED TO SUN AREAS
- FF11: ANTI-SLIP AGGREGATES HEAVY DUTY 2000 MICRONS DFT EPOXY COATING APPLIED OVER SMOOTH FINISH TREATED CEMENT/SAND SCREED OR POWER FLOATED CONCRETE SLAB, R11 NON-SLIP RATING
- FF12: 600x600mm HEAVY DUTY CARPET TILES WITH PVC BACKING AND ADHESIVE LAYER CONTAINING SANITIZED ANTI-BACTERIAL AGENT GLEUED TO SMOOTH FINISH TREATED CEMENT/SAND SCREED OR CONCRETE SURFACE (PC SUPPLY RATE SAR 100/m<sup>2</sup>)
- FF13: 4MM THICK GRP LINING

## REFLECTED CEILING LEGEND

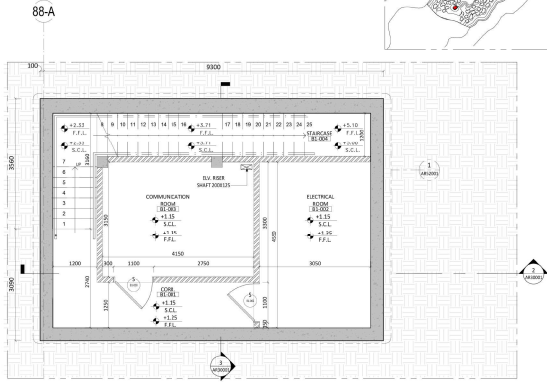
- CR01: 600x600x12.5MM THICK PLASTER CEILING "CLIP-IN" PLAIN ALUMINIUM CEILING TILES WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC FIXED TO AN ADJUSTABLE GALVANIZED SUSPENSION SYSTEM, EDGE COVER PROFILE IS L-TYPE. SPACE OVER REFLECTED CEILING TO HAVE PURE ACRYLIC ANTI-FUNGUS PAINT OVER 15MM THICK CEMENT PLASTER FOR WALLS AND 10MM FOR CEILING.
- CR02: 600x600x12.5MM THICK POWDER COATED "CLIP-IN" PERFORATED ALUMINIUM CEILING TILES WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC FIXED TO AN ADJUSTABLE GALVANIZED SUSPENSION SYSTEM, EDGE COVER PROFILE IS L-TYPE
- CR03: 600x600x12.5MM THICK POWDER COATED "CLIP-IN" PLAIN ALUMINIUM CEILING TILES FIXED TO AN ADJUSTABLE GALVANIZED SUSPENSION SYSTEM, EDGE COVER PROFILE IS L-TYPE
- CR04: MAX. 2,500 (VARIES TO FULL CORRIDOR WIDTH) 600x600x12.5MM THICK POWDER COATED "CLIP-IN" PLAIN ALUMINIUM CEILING WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC FIXED TO AN ADJUSTABLE GALVANIZED SUSPENSION SYSTEM, EDGE COVER PROFILE IS L-TYPE
- CR05: 800x800x12.5MM THICK MOISTURE RESISTANT FACTORY PAINTED "LAY-IN" PLAIN GYPSUM TILES CEILING FIXED TO AN ADJUSTABLE POWDER COATED GALVANIZED SUSPENSION SYSTEM 15MM WIDE, EDGE COVER PROFILE IS L-TYPE
- CR06: SMOOTH FINISH 6MM THICK SELF-COLOURED SPRAY PLASTER OVER RCC SLAB
- CR07: 600x600x12.5MM THICK MOISTURE RESISTANCE FACTORY PAINTED "LAY-IN" PLAIN ACOUSTICAL GYPSUM TILES CEILING WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC FIXED TO AN ADJUSTABLE POWDER COATED GALVANIZED SUSPENSION SYSTEM 15MM WIDE. 12.5MM THICK REGULAR (MOISTURE RESISTANCE FOR WET AREA) GYPSUM BOARD CEILING WITH NON-WOVEN ACOUSTICAL ABSORBING FABRIC WITH CONCEALED GALVANIZED SUSPENSION SYSTEM TO FORM A SEAMLESS SUSPENDED CEILING. BOARDS TO RECEIVE FENOMASTIC PAINT MATT FINISH.
- CR08: PURE ACRYLIC ANTI-FUNGUS PAINT OVER 10MM THICK CEMENT/SAND PLASTER
- CR09: ANTI-CARBONATION PAINT OVER SMOOTH FINISH TREATED CONCRETE SURFACE
- CR10: 4MM THICK GRP LINING
- CR11: SOLVENT FREE EPOXY PAINT OVER SMOOTH FINISH TREATED SURFACE
- CR12: 600x600x12.5MM THICK MOISTURE RESISTANCE FACTORY PAINTED "LAY-IN" PLAIN GYPSUM TILES CEILING FIXED TO AN ADJUSTABLE POWDER COATED GALVANIZED SUSPENSION SYSTEM 15MM WIDE. 12.5MM THICK REGULAR (MOISTURE RESISTANCE FOR WET AREA) GYPSUM BOARD CEILING WITH CONCEALED GALVANIZED SUSPENSION SYSTEM TO FORM A SEAMLESS SUSPENDED CEILING. BOARDS TO RECEIVE FENOMASTIC PAINT MATT FINISH.
- CR13: 12.5MM THICK REGULAR (MOISTURE RESISTANCE FOR WET AREA) GYPSUM BOARD CEILING WITH CONCEALED GALVANIZED SUSPENSION SYSTEM TO FORM A SEAMLESS SUSPENDED CEILING. BOARDS TO RECEIVE FENOMASTIC PAINT MATT FINISH.
- ESS-405: BESPOKE GRP SOFFIT SYSTEM



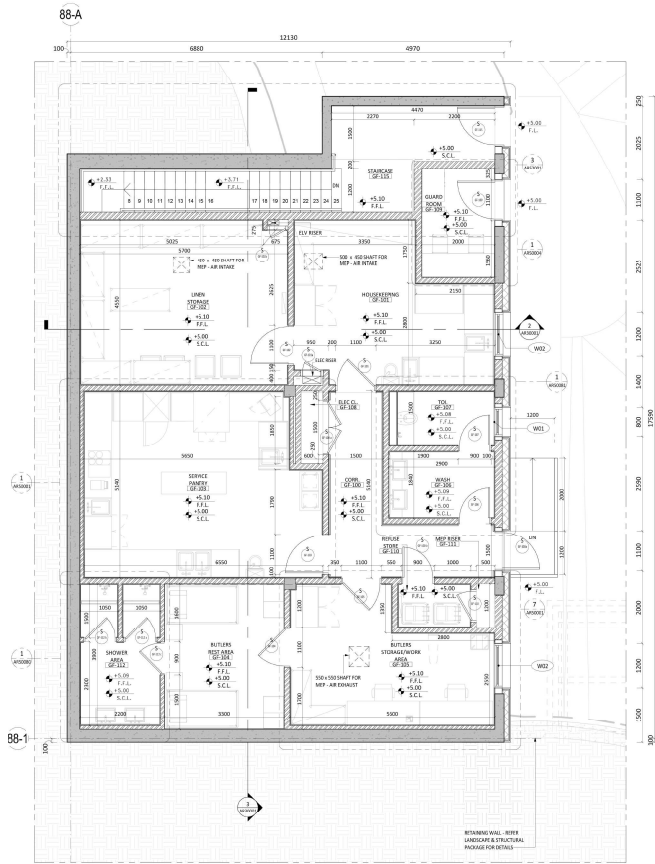
2 SPA STAFF FACILITIES - CEILING PLAN  
1:50



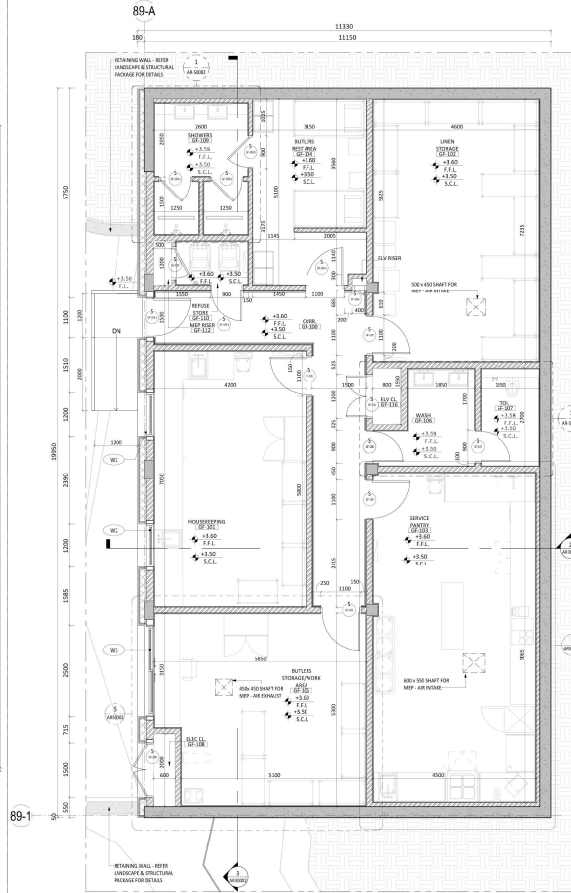
# rooms support - BOH - plan



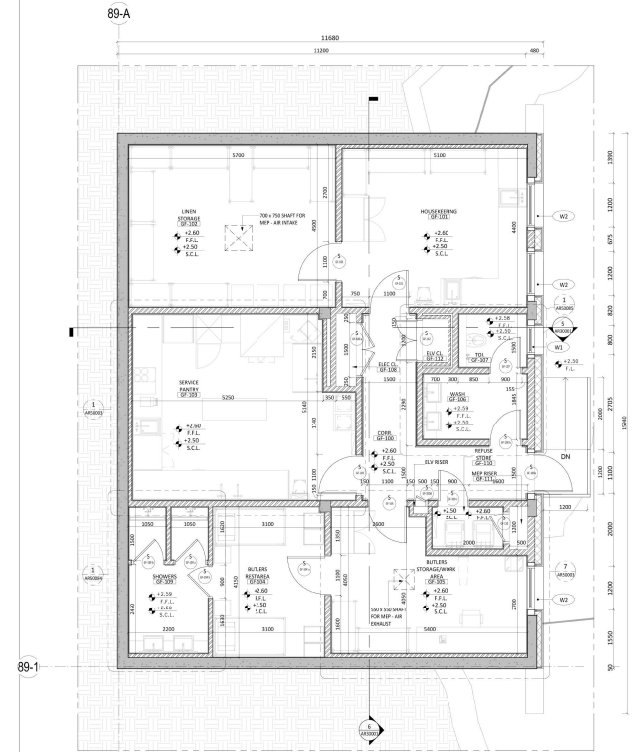
1 ROOM SUPPORT 1 - BASEMENT FLOOR PLAN  
1:50



2 ROOM SUPPORT 1 - GROUND FLOOR PLAN  
1:50

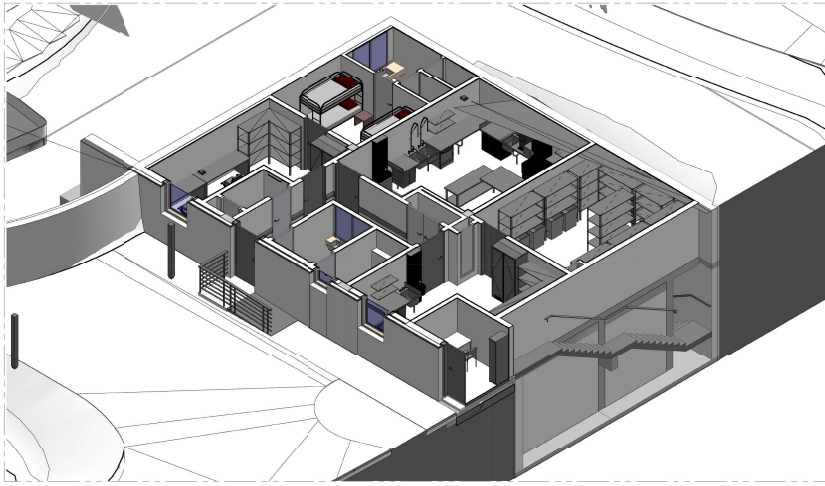


3 ROOM SUPPORT 2 - GROUND FLOOR PLAN  
1:50

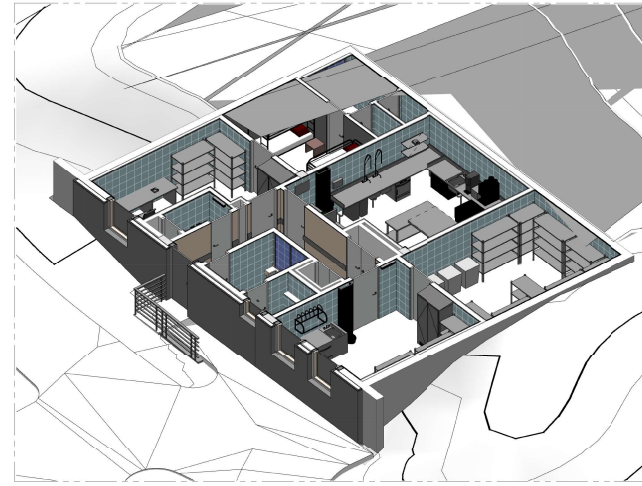


4 ROOM SUPPORT 3 - GROUND FLOOR PLAN  
1:50

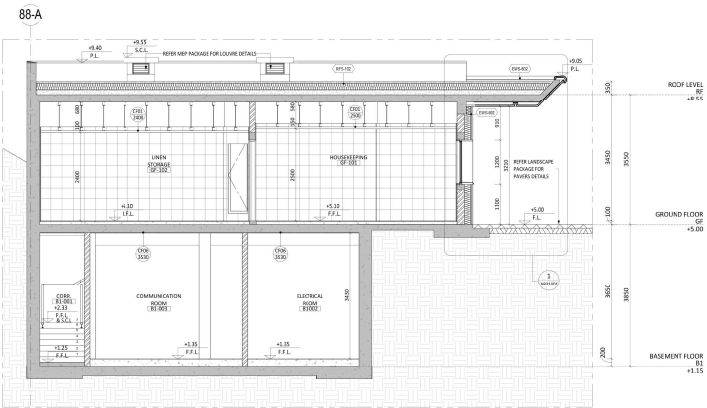
# rooms support - BOH - sections



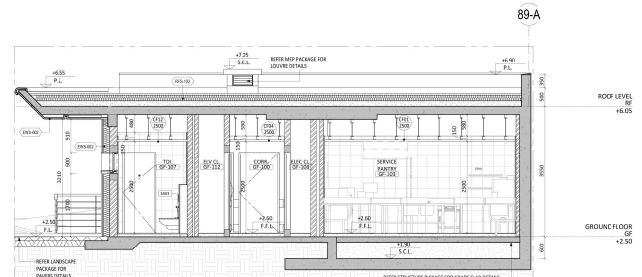
1 ROOM SUPCRT 1 - ISOMETRIC VIEW



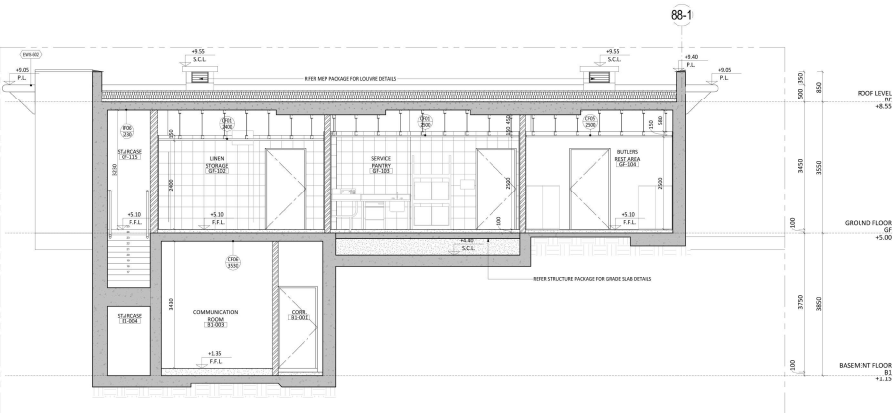
4 ROOM SUPPORT 3 - ISOMETRIC VIEW



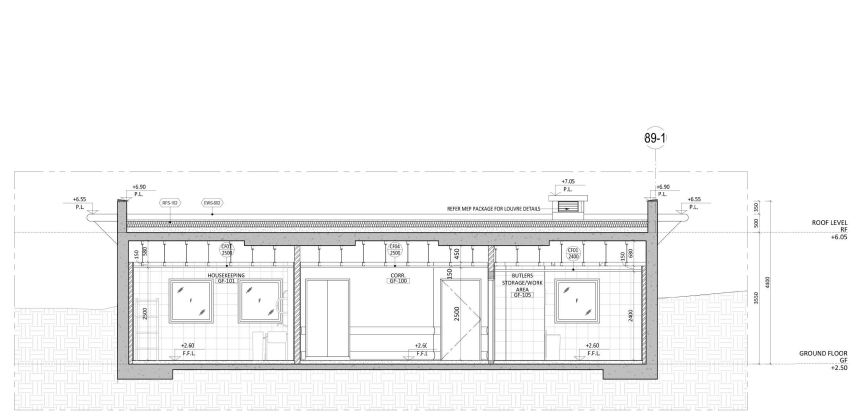
2 ROOM SUPCRT ZONE 1 - SECTION 1  
1:50



5 ROOM SUPPORT 3 - SECTION 1  
1:50

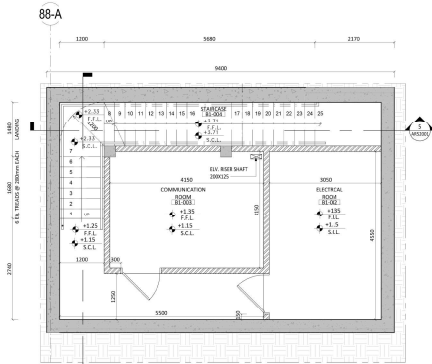


3 ROOM SUPCRT ZONE 1 - SECTION 2  
1:50

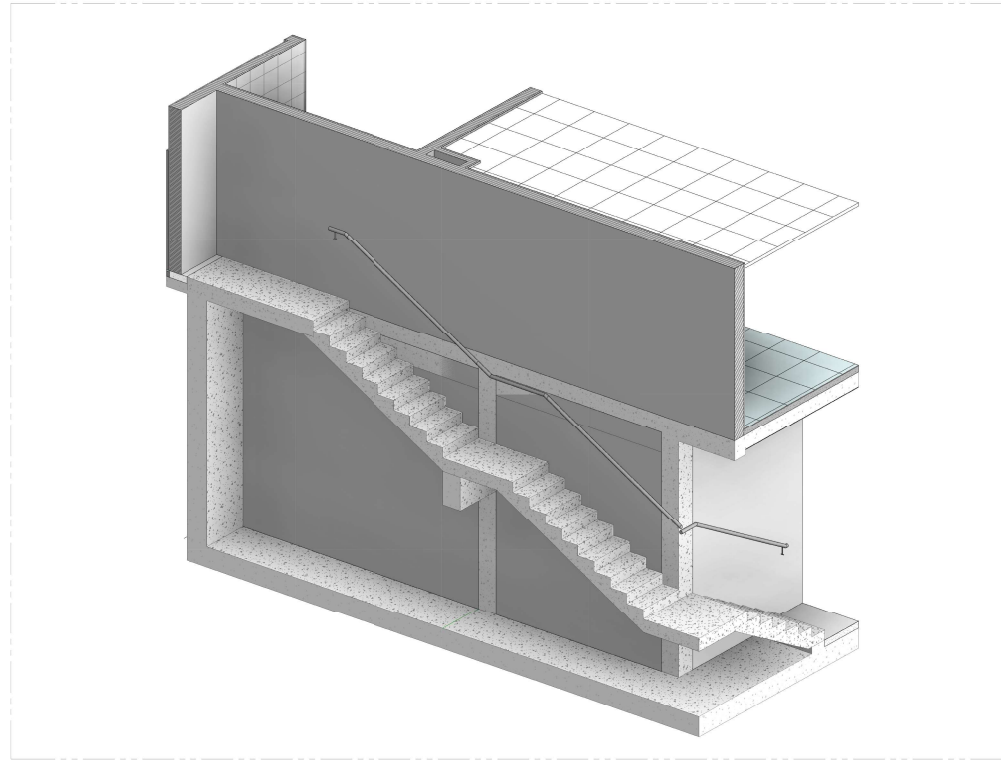


6 ROOM SUPPORT 3 - SECTION 2  
1:50

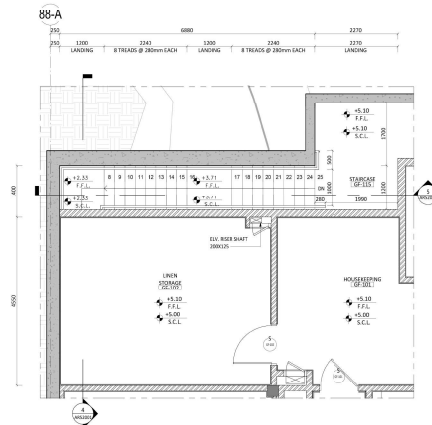
# rooms support - BOH - staircase detail



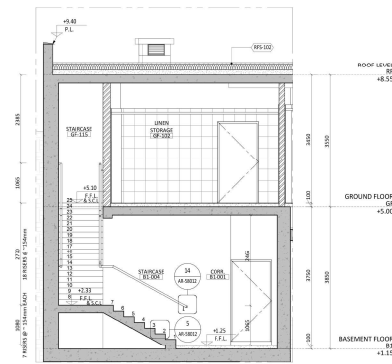
1 ROOM SUPPORT ZONE - 1 STAIRCASE B1 PLAN  
1 : 50



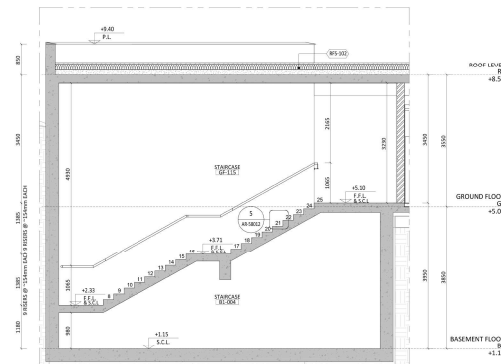
2 ROOM SUPPORT ZONE 1 STAIRCASE VIEW



3 ROOM SUPPORT ZONE - 1 STAIRCASE GF PLAN  
1 : 50

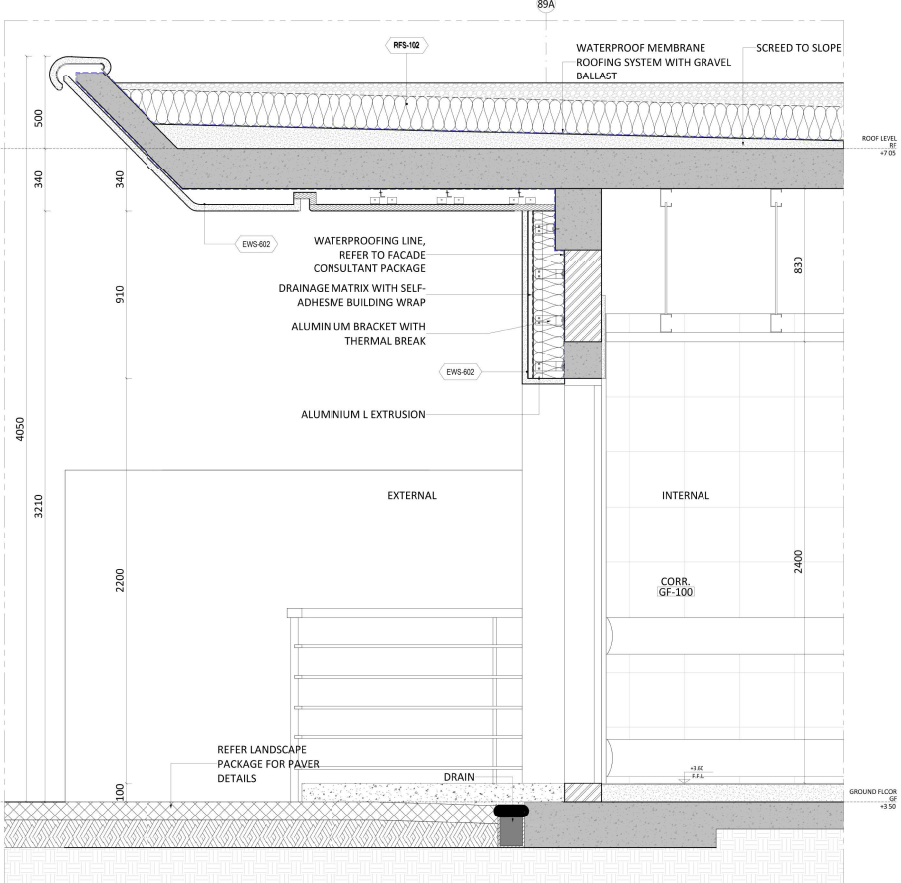


4 ROOM SUPPORT ZONE 1 STAIRCASE SECTION-1  
1 : 50

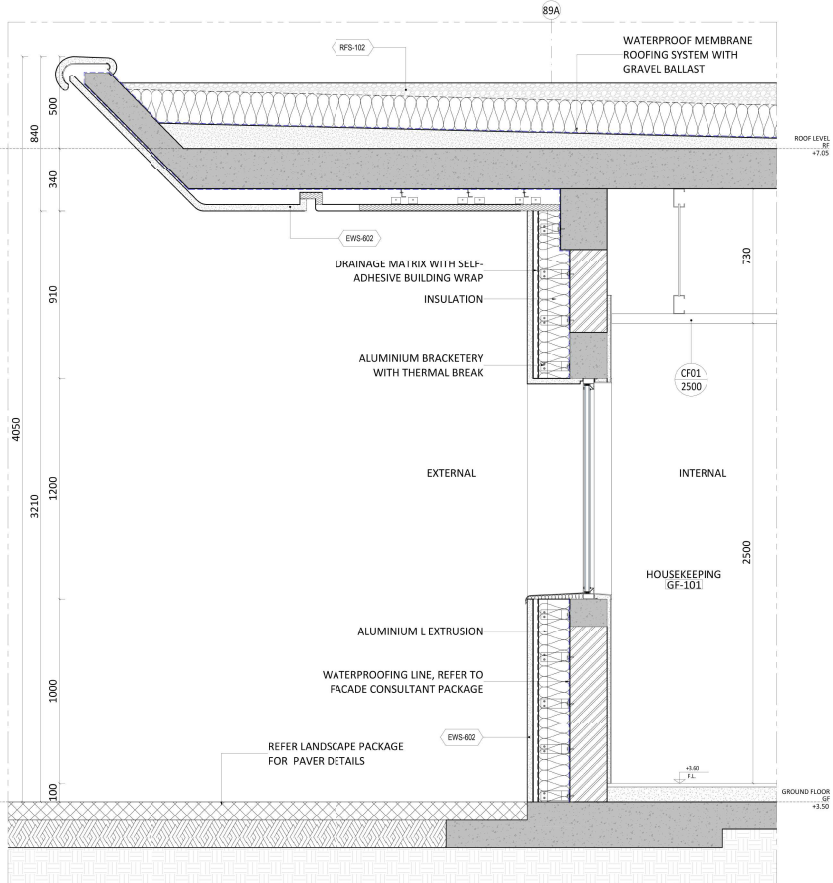


5 ROOM SUPPORT ZONE 1 STAIRCASE SECTION-3  
1 : 50

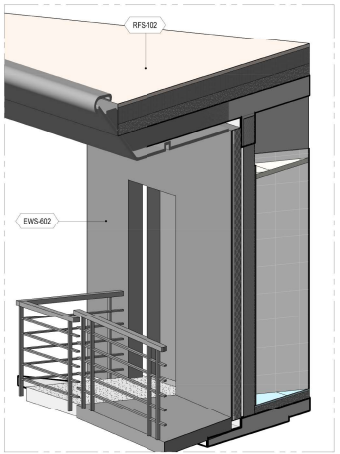
# rooms support - BOH - facade details



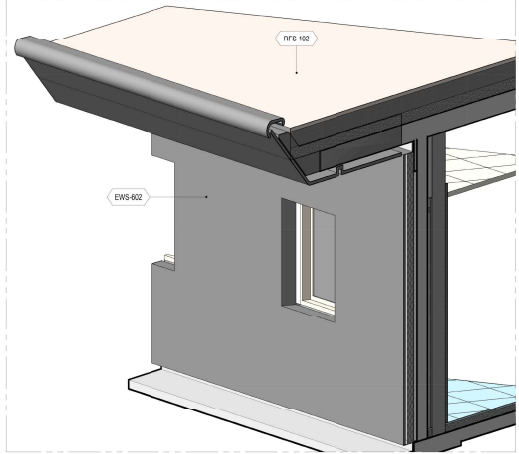
1 WALL SECTION - 03  
1 : 10



2 WALL SECTION - 04  
1 : 10



3 WALL SECTION 03 - VIEW

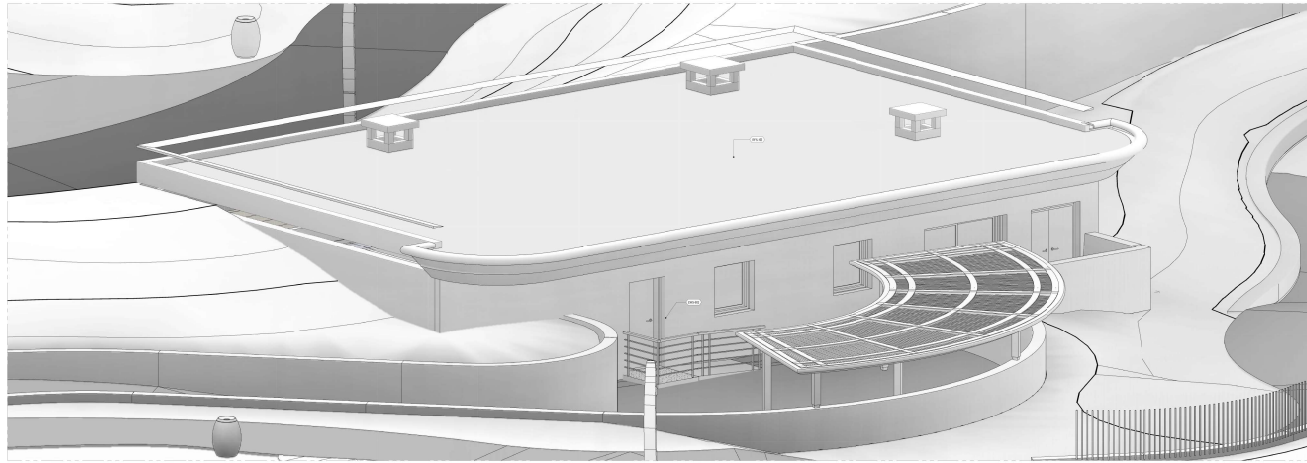


4 WALL SECTION 04 - VIEW

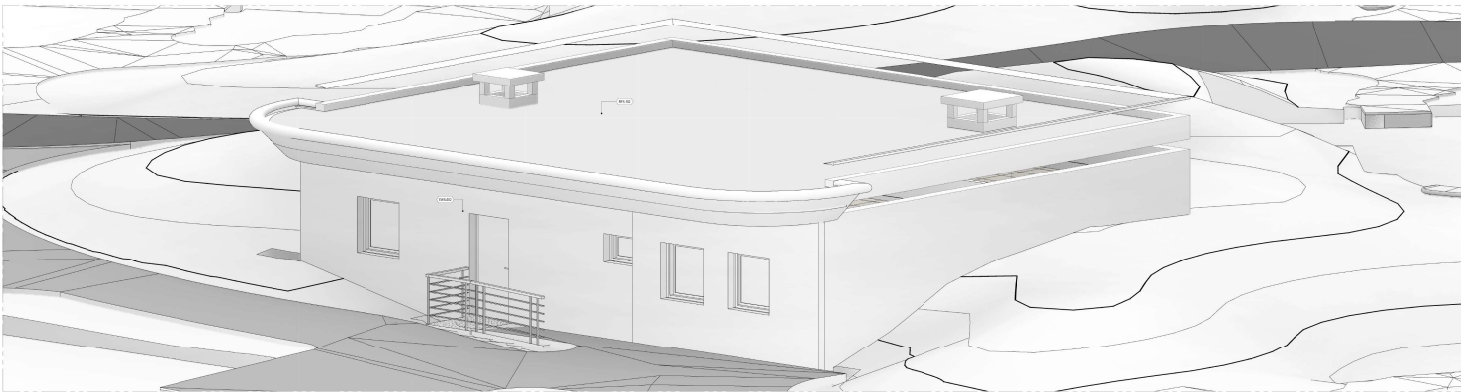
# rooms support - BOH - isometric views



1 ROOM SUPPORT - ZONE 1 - ISOMETRIC VIEW 1



2 ROOM SUPPORT - ZONE 2 - ISOMETRIC VIEW - 2



1 ROOM SUPPORT - ZONE 3 - ISOMETRIC - 1

# race CONCEPT

## OBJECTIVE :

**FIA GRADE FORMLULA 3 (F3)** RACE TRACK OF LENGTH **3.12kms** IS BEING LAID NEAR **KOTHAPALLI VILLAGE** OF **ANDHRA PRADESH** DISTRICT.

THIS PROJECT IS BEING PROMOTED BY **DEPARTMENT OF TOURISM** OF ANDHRA PRADESH GOVERMENT AND PRIVATE PROMOTER.

PROMOTING THE **AUTOMOBILE RACING CULTURE** AND TOURISM WITH EXCLUSIVE **CLUB FACILITIES** IS THE MAIN OBJECTIVE OF THE PROJECT

## INFERENCES :

INDIA CONSISTS OF 2 FIA 3 RACE TRACK FACILITIES IN TAMILNADU. ONE FIA F1 RACE TRACK FACILITY IN GREATER NOIDA AREA.

AMONG THOSE, **FIA F3 TRACKS IN TAMILNADU** DOES NOT CONTAIN SPECTAOR FACILITIES

**BUDDH INTERNATIONAL CIRCUIT** IN GREATER NOIDA HAS BEEN SHUT DOWN DUE TO FINANCIAL CRISIS EVEN THOUGH IT FACILITATES SPECATOR FACILITES.

## AIM :

RE-IMAGINING **MOTOR RACING FACILITIES** AS **LUXURIOUS** AND **GLAMOROUS** AS **SPORTS COMPLEXES**.

THUS, **PROMOTING RACING CULTURE** AND **TOURISM** THROUGH **ARCHITECTURAL DESIGN**.

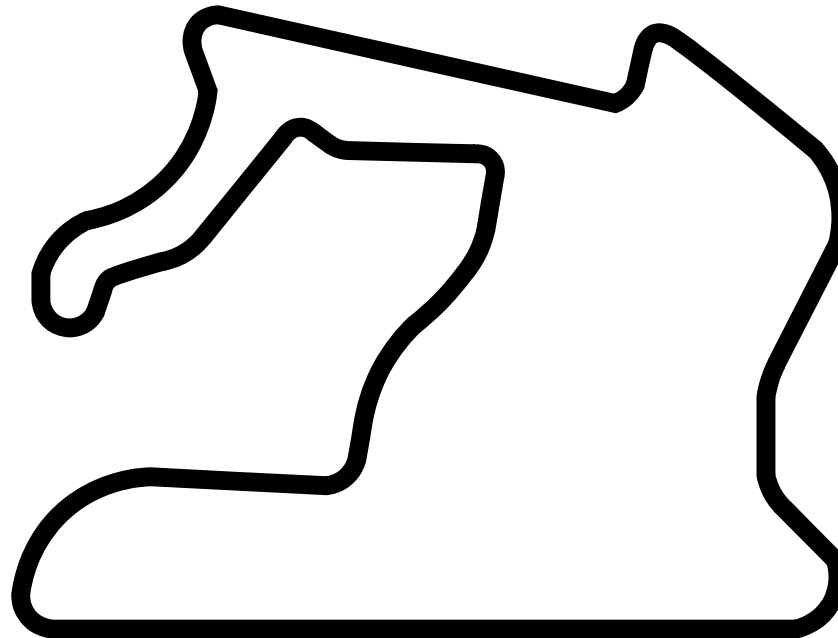
## THRUST AREA:

ADVANCED STRUCTURES

ROOF STRUCTURES WITH MINIMAL SUPPORT AND MAXIMUM SPAN

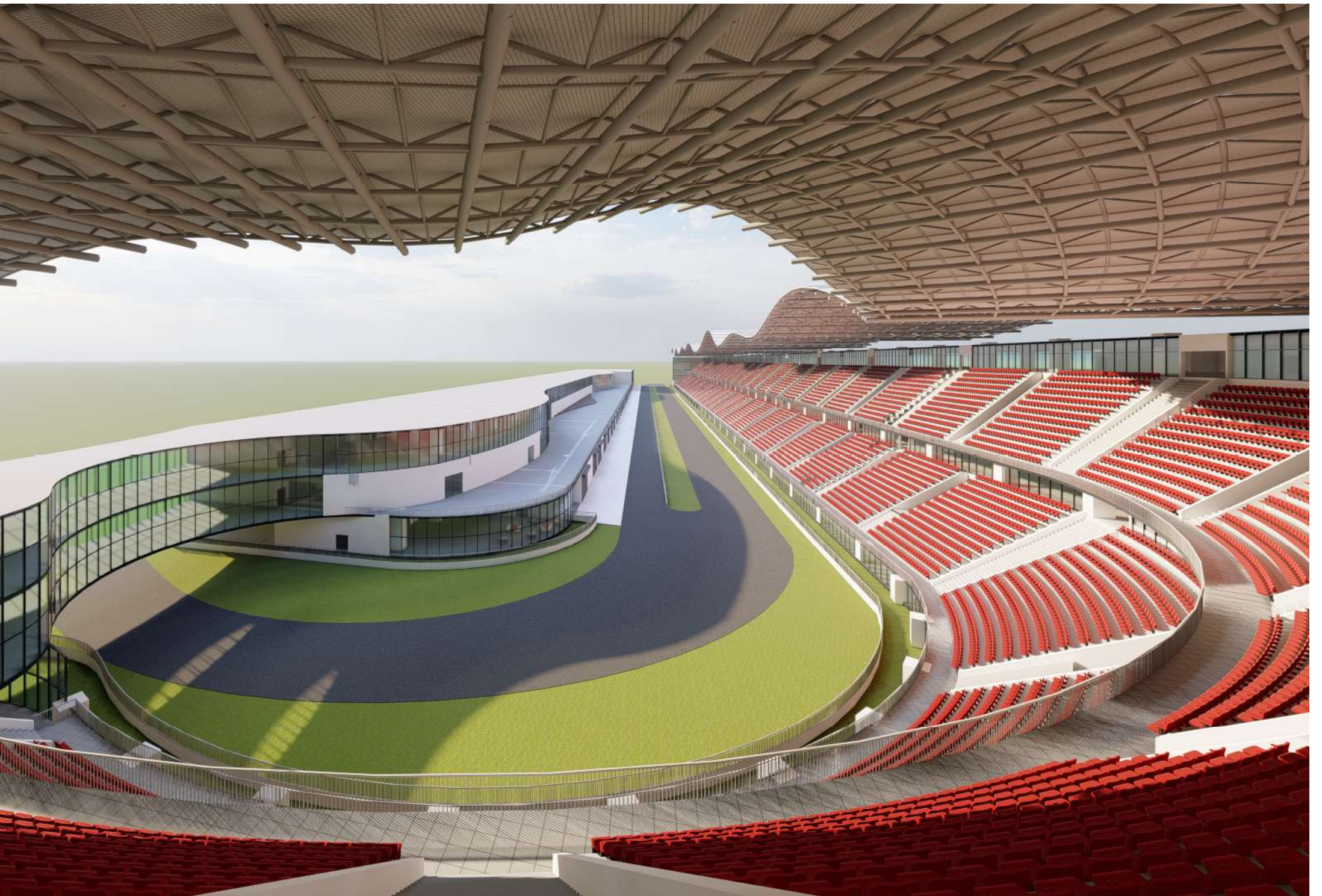
## REQUIREMENTS:

- GRANSTAND WITH **40,000 SEATING**
- MUSEUM / AUTOMOBILE DISPLAY SPACE
- RACING SIMULATION ZONE
- SHOPPING ZONE
- RESTAURANT ZONE
- PIT GARAGE FOR **25 RACING TEAMS**
- VEHICLE STORAGE AREA FOR **12 RACING TEAMS**
- ACCOMODATION FACILITY FOR RACING TEAMS
- MEDIA ZONE
- VVIP ZONE
- RACE ADMIN / FIA OFFICE SPACE
- MOTORSPORTS CLUB FACILITY (**MEMBERS ONLY**)
- RESPECTIVE PARKING AREAS

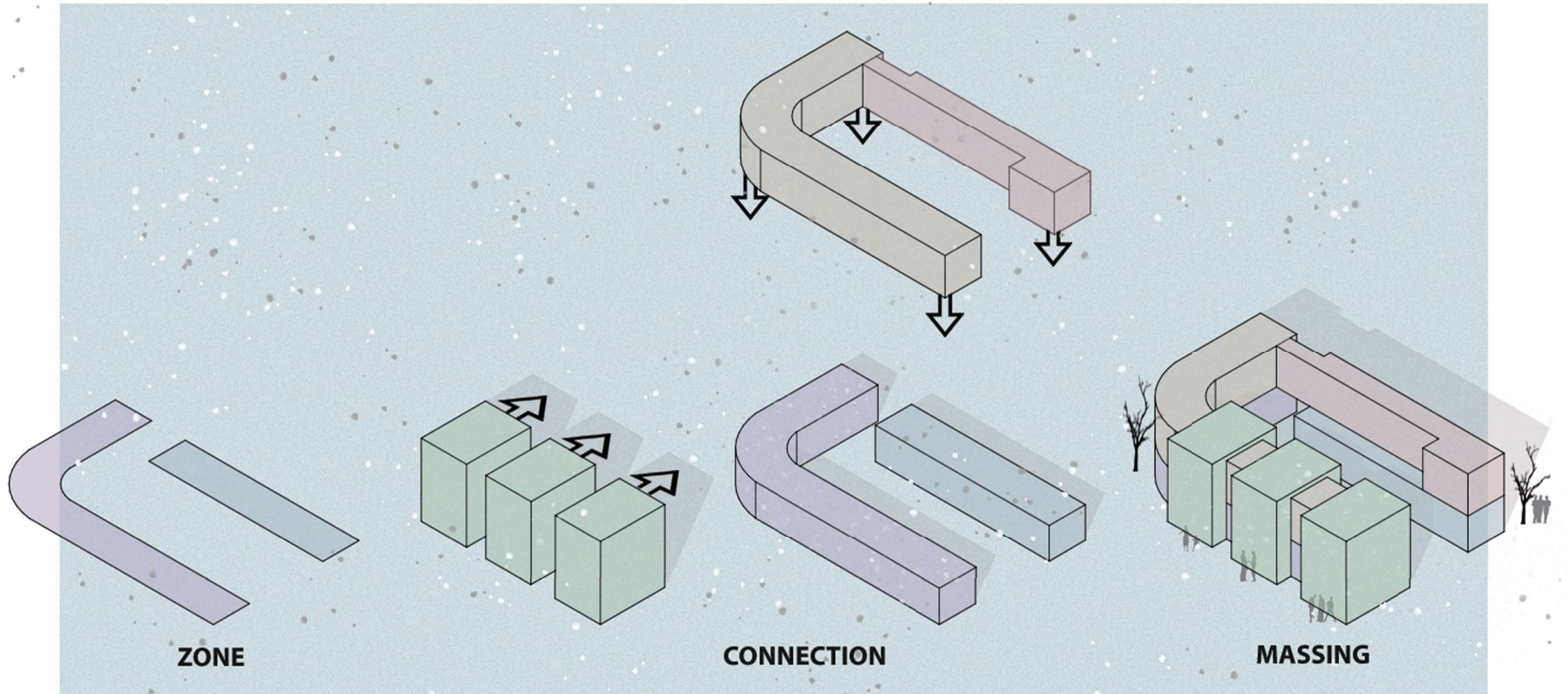


**\*\* RACE TRACK DESIGN IS OUT OF SCOPE. HENCE, TRACK DESIGN IS ACQUIRED FROM THE PROMOTER WHICH IS SUBJECT TO CHANGES IN THE LIVE PROJECT.**





# concept and massing evolution



GRANSTAND

PIT BUILDING

SERVICES

SEATING

PIT CHALETs

# site plan

TOTAL SITE AREA : 220 acres

PLOT COVERAGE : 60,560 sq.m , 14.96 acres , 6.818%

TOTAL BUILT - UP AREA : 2,06,48 sq.m , 51.01 acres



CLUB OFFICE & PARKING    TICKET OFFICE    GRANDSTAND    PADDOCK AREA    GRANDSTAND PARKING    CLUB RESORTS

GRANDSTAND PARKING : 1184 CARS  
 CLUB HOUSE PARKING : 300 CARS

PADDOCK CONTAINER PARKING : 12 CONTAINERS

ROOF

LEVEL 5

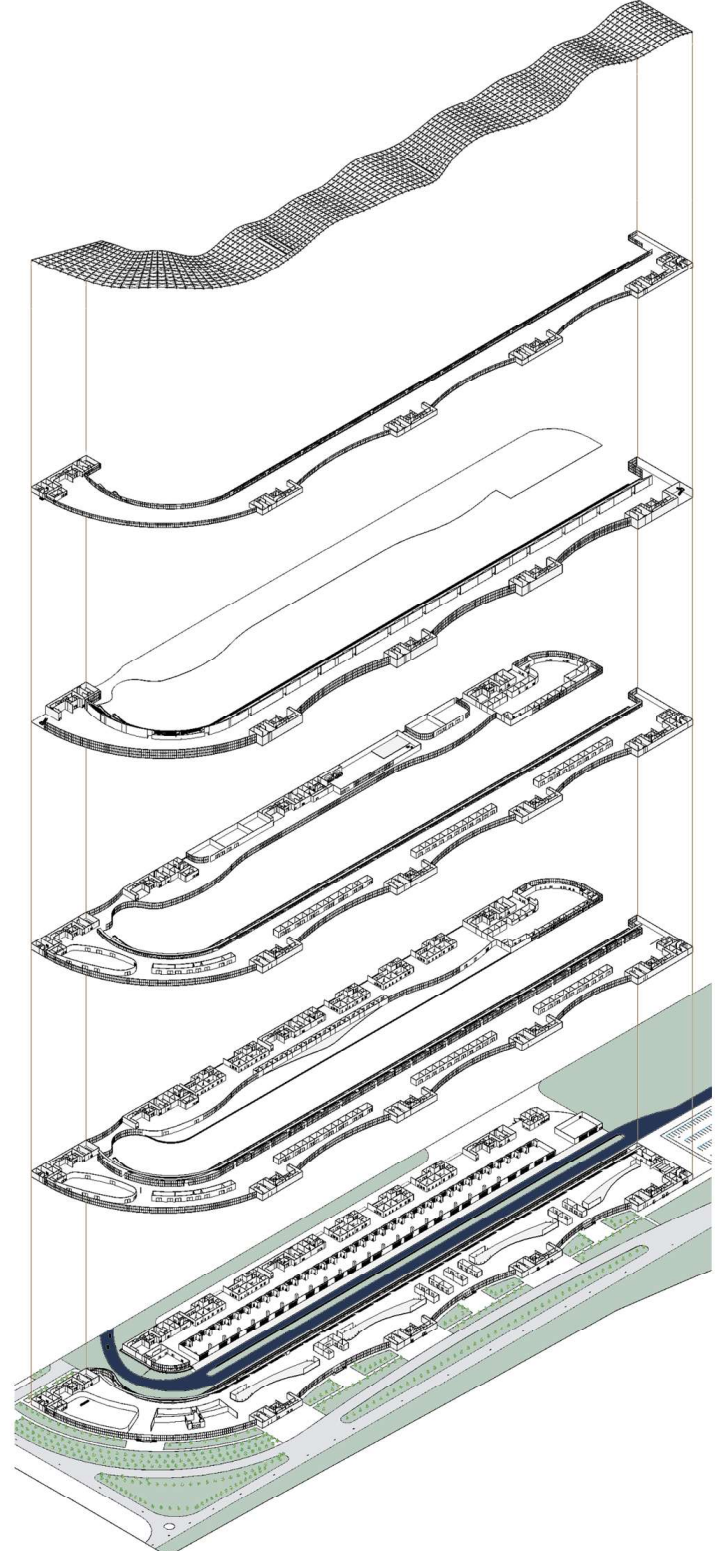
LEVEL 4

LEVEL 3

LEVEL 2

LEVEL 1

SITE





LEGEND	ZONE
SERCIVE CORE	
MUSEUM DISPLAY	
SOUVENIR SHOPS	
RACING SIMULATORS	
RESTAURANT	
RACER CANTEEN	
PIT CHALTER	
PIT GARAGE + STORAGE GARAGE	
EMERGENCY ZONE	
MUSEUM OFFICE	

**VIEW THROUGH  
RACER CANTEEN**

THIS SPACE IS DESIGNED AS SUCH THE RACING TEAM CAN SPECTATE AND STATEGIZE THEIR RACE IN A COMFORTABLE ZONE.



**VIEW THROUGH THE MUSEUM/  
DISPLAY AREA**

THIS IS AREA IS SPECIFICALLY ASSIGNED FOR THE AUTOMOTIVE BRANDS TO DISPLAY THEIR MERCHANDISE AND VINTAGE COLLECTION.



SPECTATOR ENTRY	
PIT CREW & VVIP ENTRY	
EMERGENCY EXITS	
SERVICE ENTRY	



LEGEND	ZONE
SERVIVE CORE	
SHOPPING KIOSKS	
RESTAURANTS	
OPEN AIR THEATRE / PODIUM	
PIT CHALETS	
MEDIA ZONE	

**VIEW THROUGH  
1st TIER  
GRANDSTAND**

THE 1st TIER HAVE ACCESS TO THE VIEW BRIDGE AND INCORPORATES AROUND 20,000 SEATS AND THE SPECTATORS ARE IN THE DIRECT VIEW TO THE PODIUM/ OPEN AIR THEATRE.

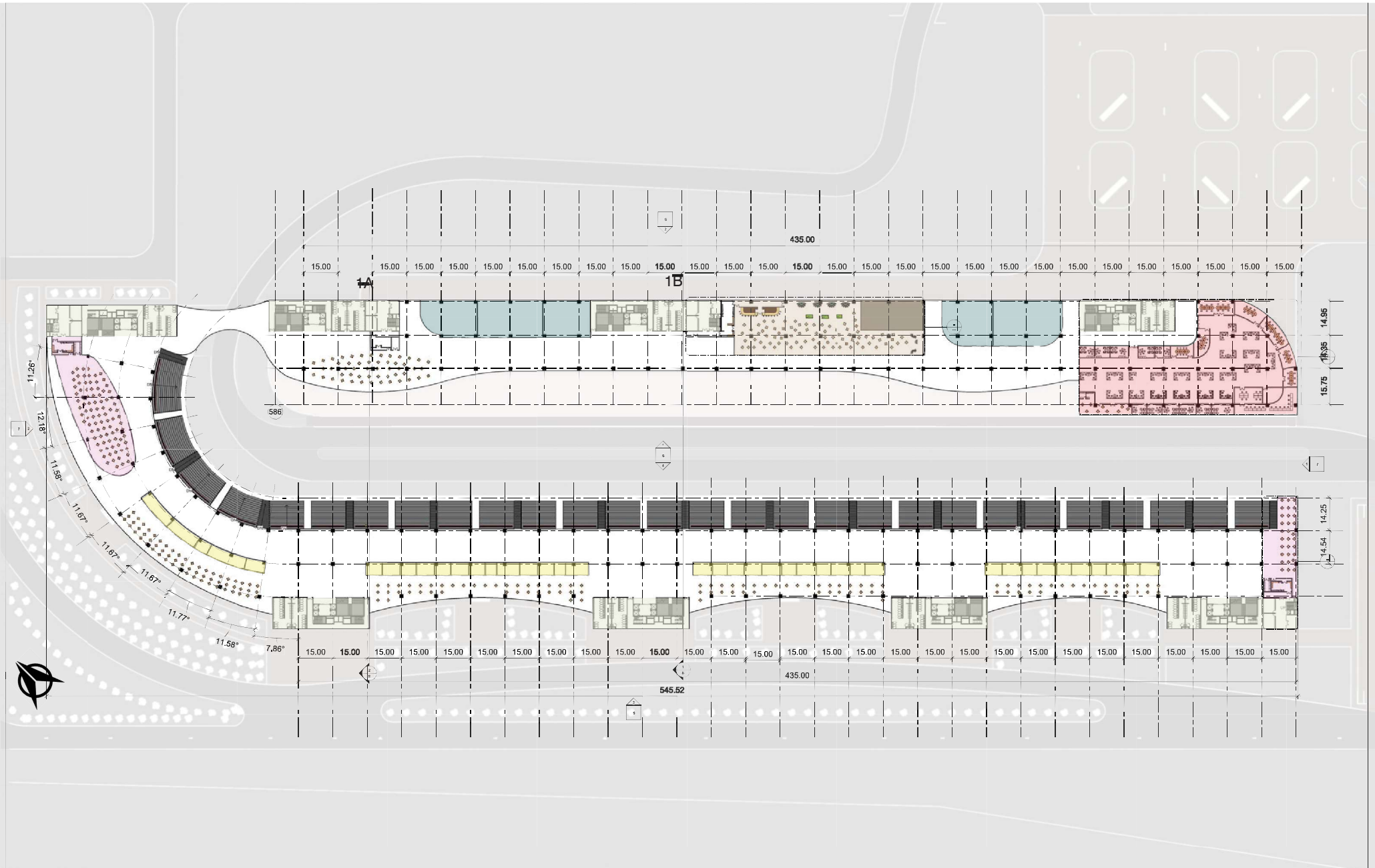


**VIEW THROUGH DINING AREA  
ON THE 1st TIER**

THE VIEWING DECK ABETTING THE DINING AREA ON 1st TIER. IT PROVIDES DIRECT VIEW ON TO THE CHECKERED START/STOP ZONE.



# level 3



LEGEND	ZONE
SERCIVE CORE	
SHOPPING KIOSKS	
RESTAURANTS	
RACE BAR	
BRIEFING AREA	
FIA CORPORATE / RACE ADMIN	

**VIEW THROUGH  
2nd TIER  
GRANDSTAND**

THE 2nd TIER PROVIDES  
WIDE  
VIEWS TO THE  
TRACK CORNER  
AND  
THE PODIUM SPACE

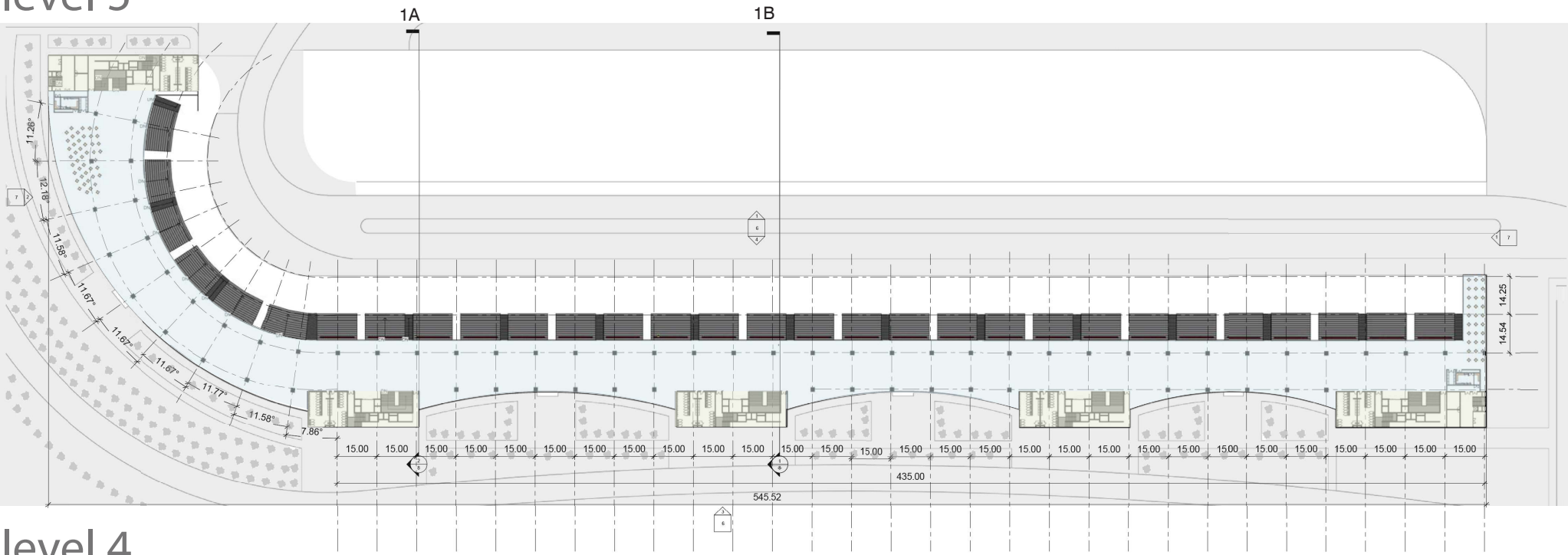


**RACE BAR  
VVIP**

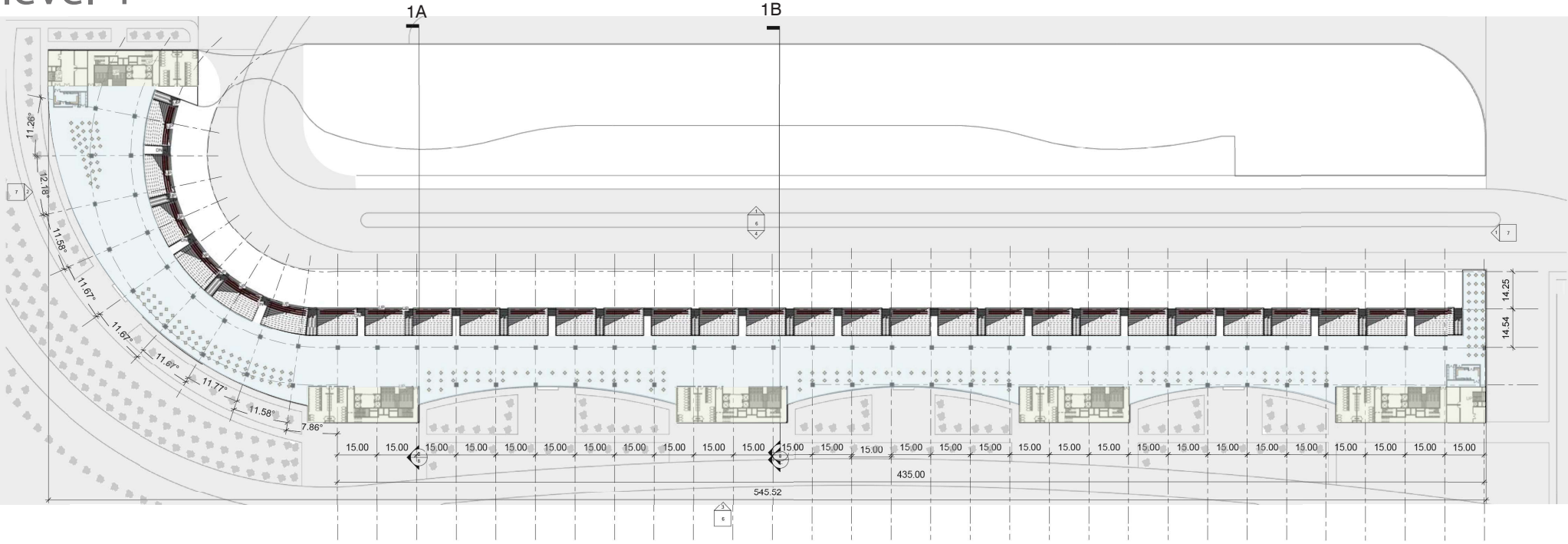
THE RACE BAR ON THE 2nd  
FLOOR OF PIT BUILDING  
IS EXCLUSIVE TO  
VVIPs  
AND  
RACING TEAMS.



# level 5



# level 4



\*\*ALL DIMENSIONS ARE IN METRES

LEGEND	ZONE
SERCIVE CORE	
2nd TIER VCONCOURSE	

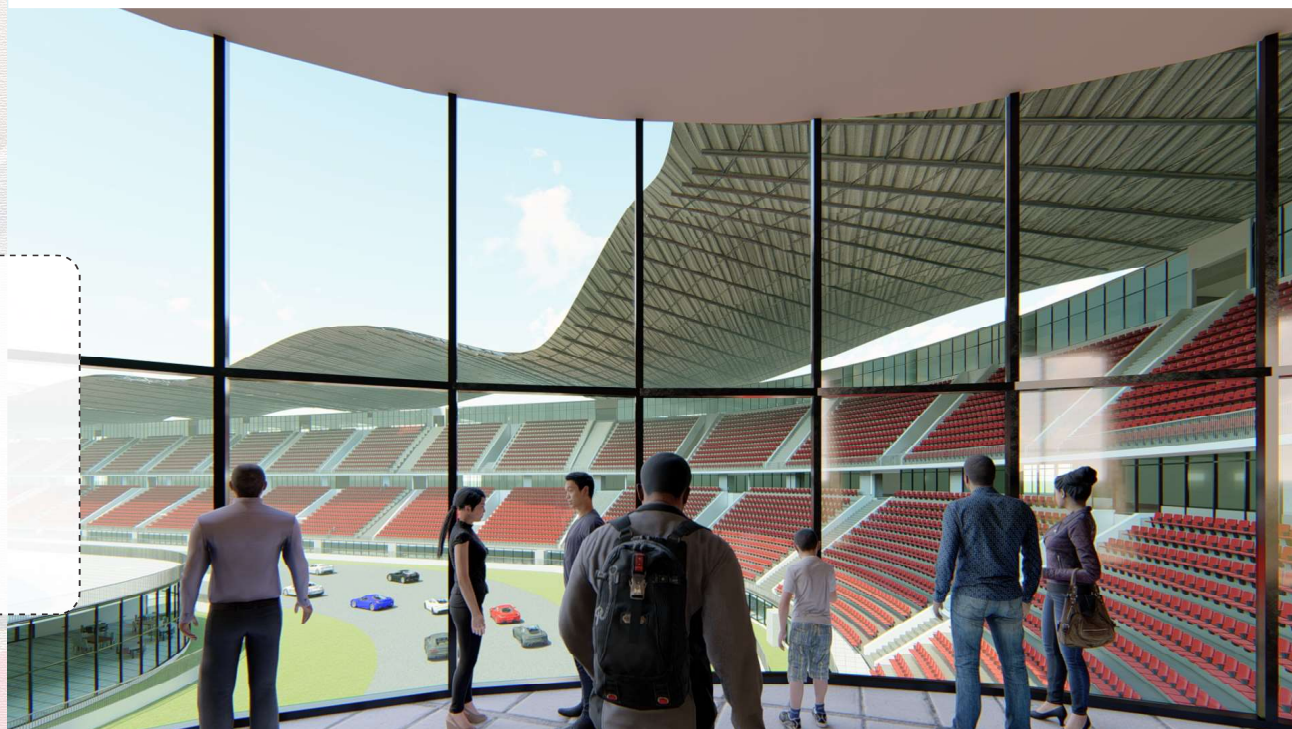
**VIEW THROUGH  
2nd TIER  
DINING AREA**

THE 2nd TIER HAS  
THE DIRECT  
VIEWS  
TO THE  
START / START  
CHECKERED ZONE  
OF THE TRACK.

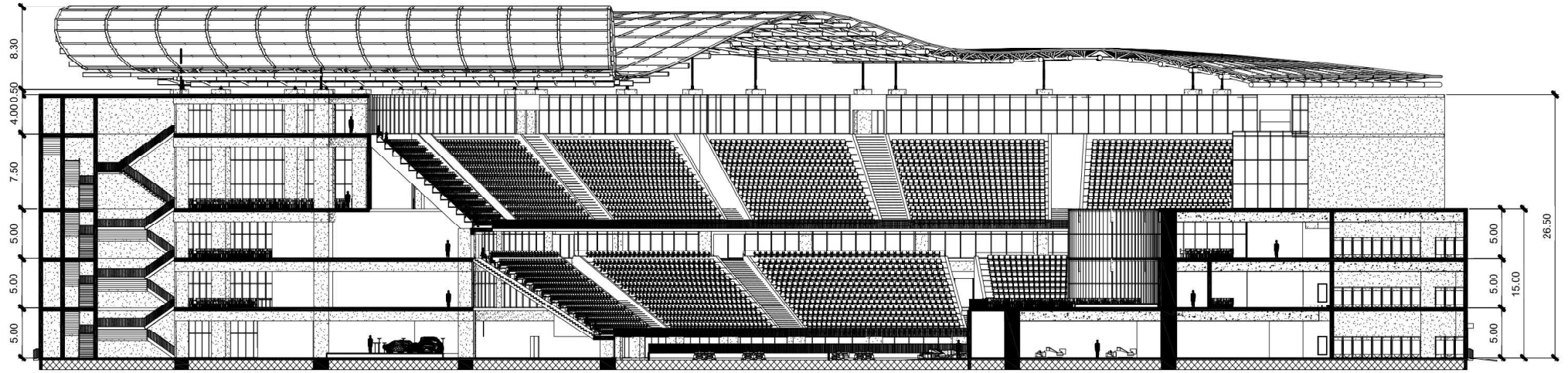


**VIEW BRIDGE**

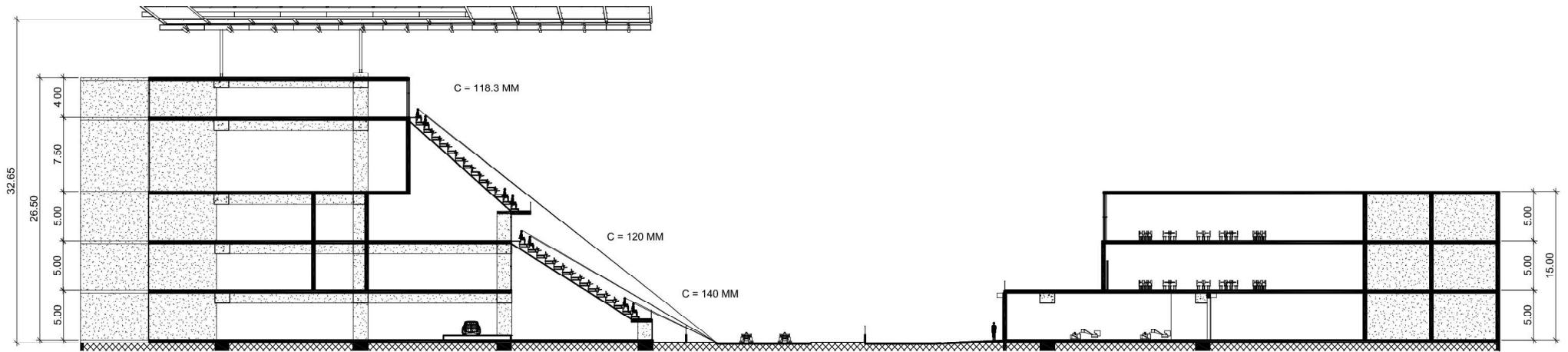
THE BRIDGE CONNECTS  
GRANSTAND  
AND  
PIT BUILDING.



# section

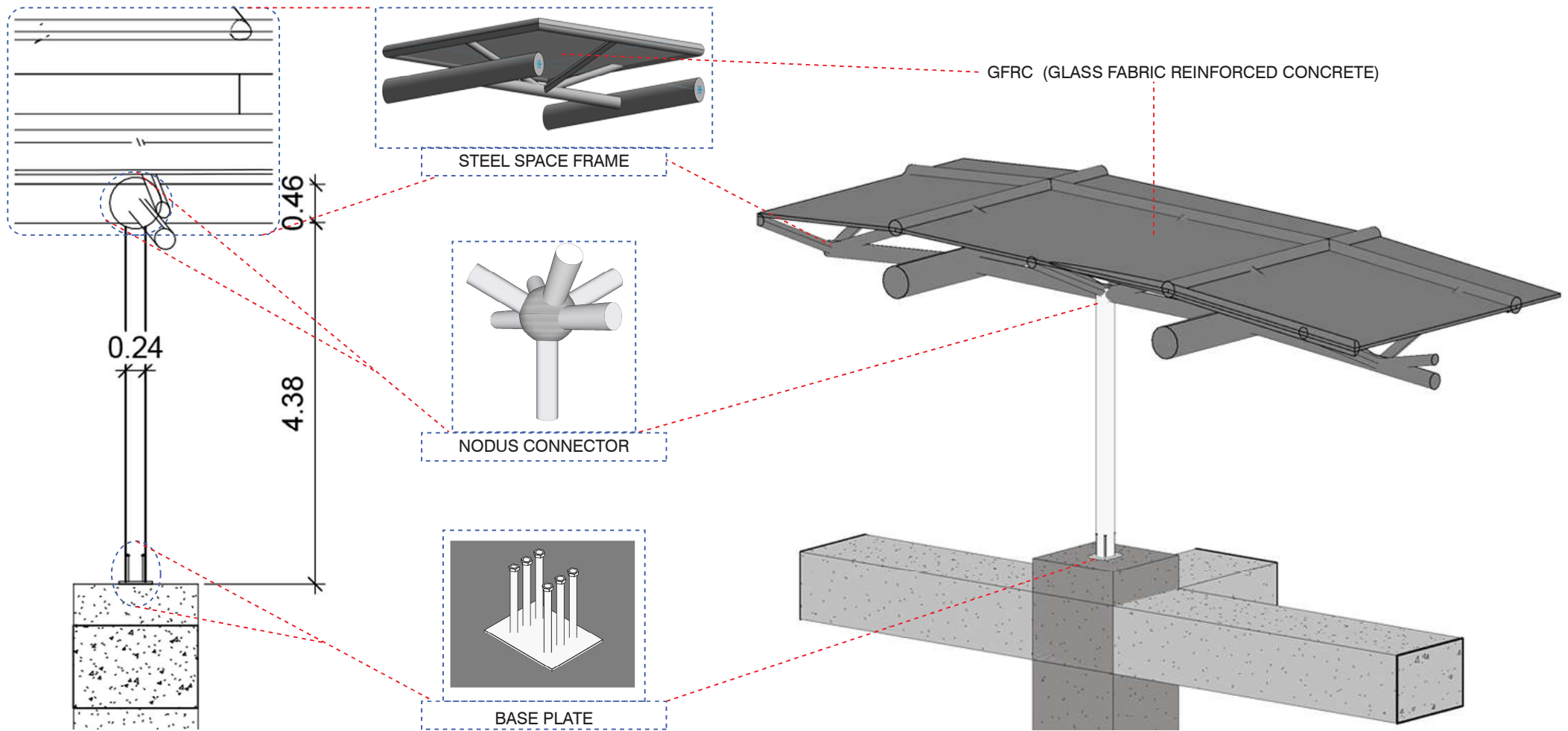


SECTION - 1A



SECTION - 2B

# structural details



## STEEL SPAME FRAME

- STEEL SPAME FRAME IS A STRUCTURAL ELEMENT WHICH IS LIGHT WEIGHED.
- IT SUPPORTS A SPAN OVER 120m OF CANTILEVEERED ROOFING STRUCTURE WITH COLUMN-LESS SUPPORT.

## GLASS FABRIC REINFORCED CONCRETE

- IT IS LIGHT WEIGHED AND STRONGER THAN TENSILE MEMBRANES HENCE, IDEAL OF THE PARAMETRIC ROOF FORM.
- IT HAS FIRE FLAME INDEX VALUE OF ZERO (0) TO OVERCOME HOT CLIMATIC CONDITIONS OF THE SITE.

## NODUS CONNECTOR

- 6 NODED NODUS CONNECTORE CONNECTS SPACE FRAME TO THE STEEL COLUMN.

## BASE PLATE

- 600mm 6 BOLTED BASE PLATE CONNECTES STEEL COLUMN TO THE RCC COLUMN

**\*\*COMBINATION OF GFRC AND SPACE FRAME PROVIDES THE NECESSARY SPAN AND COLUMN-LESS ROOF SYSTEM.\*\***

# section view through SECTION - 1A

LEVEL 2 & 3  
SHOPPING ZONE

LEVEL 4 & 5  
GRANDSTAND 2nd TIER  
CONCOURSE

LEVEL 2 & 3  
GRANDSTAND 1st TIER  
CONCOURSE

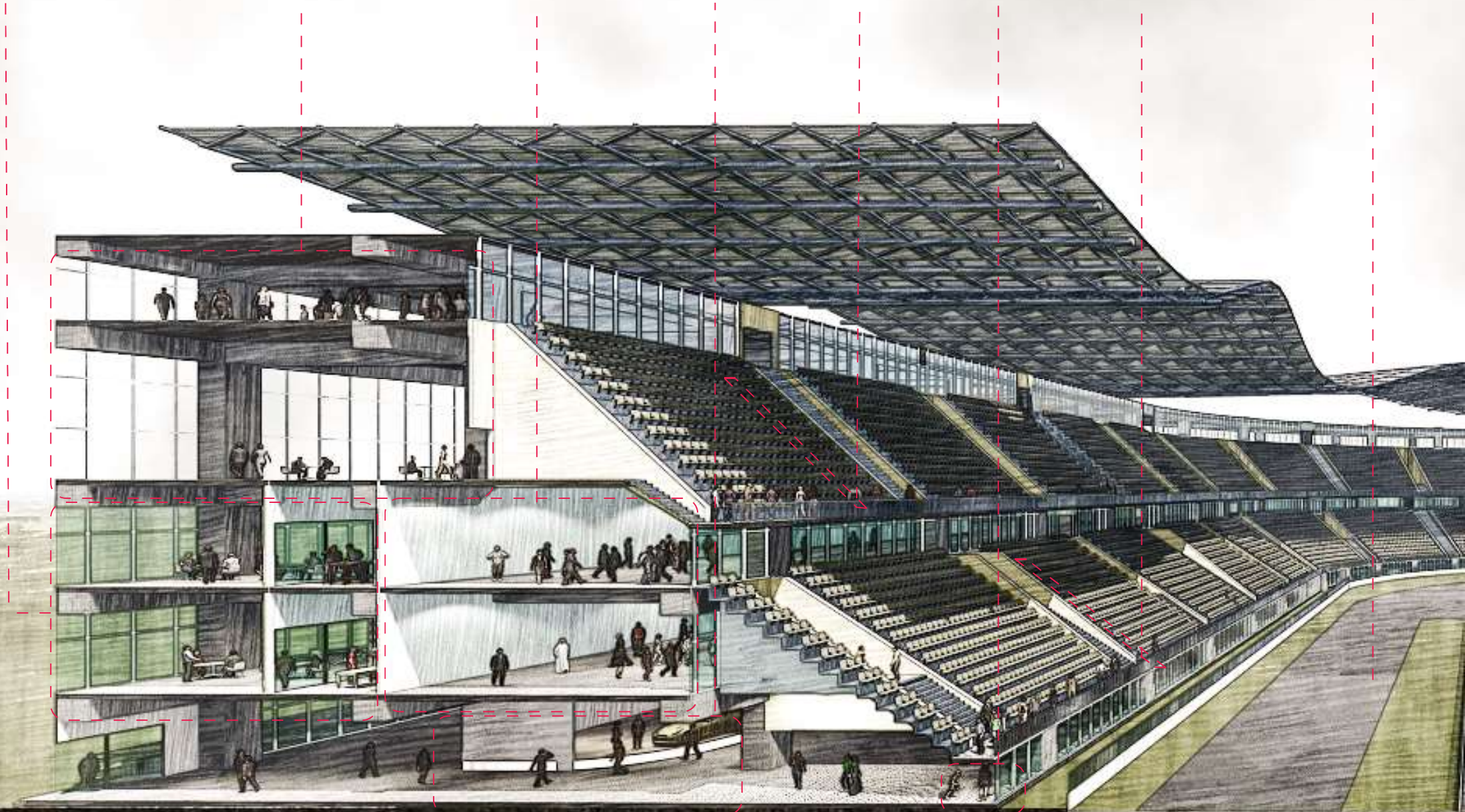
LEVEL 1  
DISPLAY + MUSEUM  
ZONE

TIER 2  
GRANDSTAND  
SEATING

LEVEL 1  
VIEWING DECK

TIER 1  
GRANDSTAND  
SEATING

RACE TRACK



PIT LANE

PIT GARAGE

PODIUM/  
OPEN AIR THEATRE

VVIP ZONE/  
RACE BAR

PIT CHALATE



# club resorts and ticket office



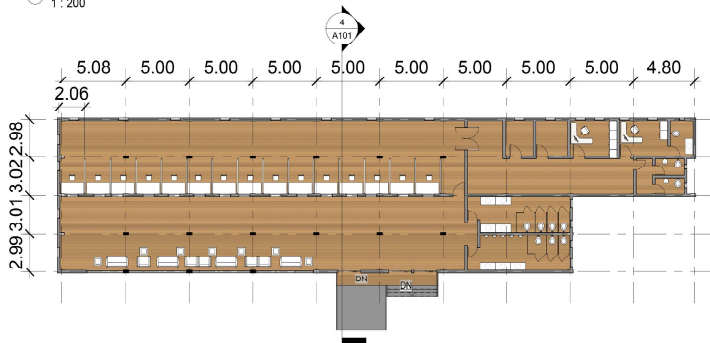
④ VILLA Elevation 2 - a  
1 : 200



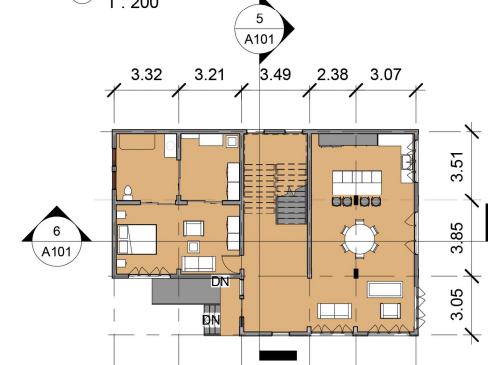
③ VILLA Elevation 1 - a  
1 : 200



② TICKET OFFICE Elevation 1 - a  
1 : 200



② VILLA 2ND FLOOR  
1 : 200



front elevation



ariel view

