

Sustainable hotel

D U B A I

A3 TECHNICAL PACK

Project Title:

Sustainable Hotel

Location:












Al meydan road,Alquoz,
Dubai,United Arab Emirates

Drawn by: Bahareh Ghazi
BA Interior Architecture & Design
Coventry University, UK
Date: 30 April 2021

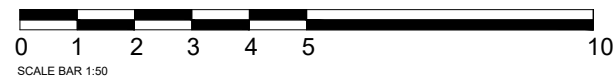
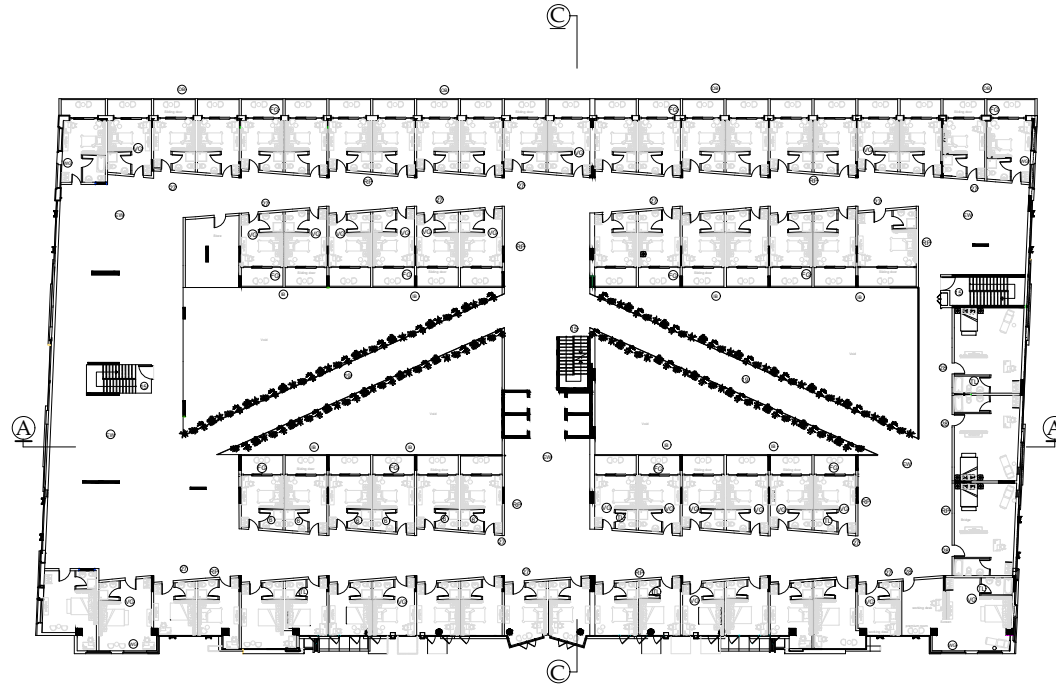
DRAWING LIST			
SHEET NO.	DRAWING NO.	DRAWING TITLE	SCALE
01	LP-01	Location plan	1:1250
02	SP-01	Site plan	1:500
03	FLP-01	Ground floor plan	1:50
04	FLP-02	First floor plan	1:50
05	FLP-03	second floor plan	1:50
06	FLP-04	Basement floor plan	1:50
07	FLP-05	Roof floor plan	1:50
08	EE-01	External elevation	1:50
09	SE-01	Section A-A	1:50
10	SE-02	Section B-B	1:50
11	SE-03	Section C-C	1:50
12	IE-01	Internal ELV - Lounge	1:50
13	IE-02	Internal ELV-Indoor garden	1:50
14	IE-03	Internal ELV-Conference room	1:50
15	IE-04	Internal ELV-Outdoor	1:50
16	RCP-01	Ground floor ceiling lighting plan	1:50
17	RCP-02	1st floor ceiling lighting plan	1:50
18	RCP-03	2nd floor ceiling lighting plan	1:50
19	RCP-04	Basement floor ceiling lighting plan	1:50
20	RCP-05	Roof floor ceiling lighting plan	1:50
21	DE-A01	Helical staircase	As shown
22	DE-A02	Helical staircase	As shown
23	DE-A03	Helical staircase	As shown
24	DE-A04	Helical staircase	As shown
25	DE-B01	Bedroom vertical garden	As shown
26	DE-B02	Bedroom vertical garden	As shown
27	DE-C01	Glass roof	As shown
28	DE-D01	Lounge wave screen	As shown
29	DE-D02	Lounge wave screen	As shown

Materials specification

SYMBOL	DESCRIPTION	SPECIFICATION	LOCATION
PT	Tree	Palm tree	Level: G,1
VG	living wall	Vertical garden	Level: G,1,2
SH	Herb	Scent herbs	Level: G
TT	Tree	Traditional trees&plants	Level: G,1
FG	Glass	Frosted glass	Level: G,1,2
WT	water	Pool water	Level: G,1
EW	Wood	Walnut engineered wood -hardwood	Level: G,1,2
RP	Plaster	Off white rough plaster	Level: G,1,2
AW	Wood	American walnut	Level: G
SS	Metal	Black stainless steel	Level: G,1,R
WG	Glass	Window glass	Level: G,1,2,R
ST	Stone	Stone flooring	Level: G
AL	Metal	Brushed Aluminum	Level: G,R
TL	Tile	Ceramic tile	Level: G,1,2
MW	Wood	Maple wood	Level: 1
PF	Fiber	Beige Polyester fiber	Level: 1
LG	Glass	Laminate glass	Level: G,1,R
RM	Wood	Roman marble wood	Level: 1
CR	Carpet	Carpet	Level: G,1
AS	Asphalt	Gray asphalt	Level: B
CN	Concrete	Gray concrete	Level: R

Lighting specification			
SYMBOL	DESCRIPTION	SPECIFICATION	LOCATION
	Lighting	Day light	Level: G,1,2,R
	Lighting	High frequency light	Level: B
	Lighting	Recessed spot light	Level: B, G, 1, 2, R
	Lighting	Feature light	Level: G, 1
	Lighting	Plant growing light	Level: G, 1, 2
	Lighting	Suspended light pendent	Level: G, 1, 2
	Lighting	Chandelier	Level: G
	Lighting	Wall mounted light	Level: G, 1, 2
	Lighting	Spot light	Level: G, 1
	Lighting	LED strip light	Level: G, 1
	Lighting	Floor spot light	Level: G, 1, 2, R

LEGEND	
	Column
	Staircase
	Lift shaft
	Staircase opening
	Elevator room
	Utility room
	Kitchen kitchen
	Kitchen counter
	Kitchen glass
	Kitchen engineered wood hardware
	Glass window
	Window glass



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Second floor plan

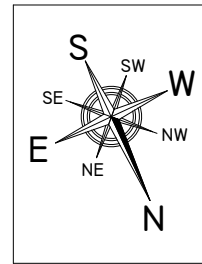
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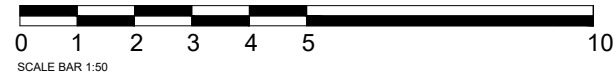
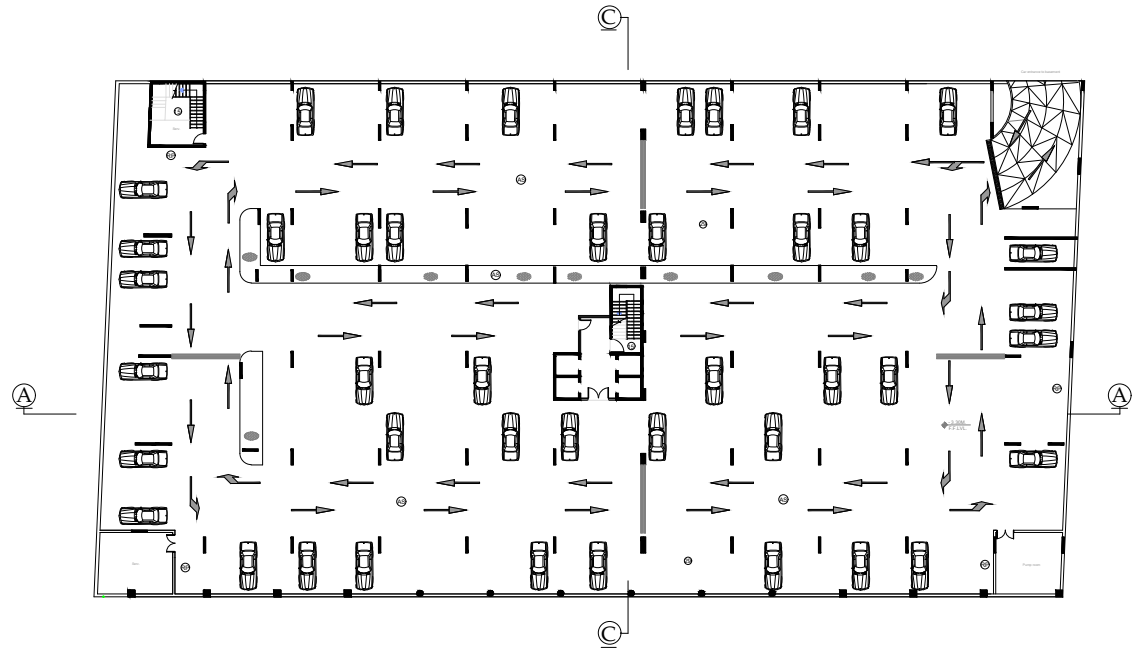
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Date :
30/04/2021



Notes :

LEGEND	
	Electricity
	Parking
	Access
	Fire/printer



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Basement floor plan

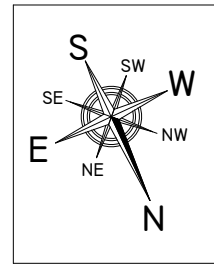
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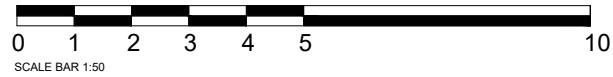
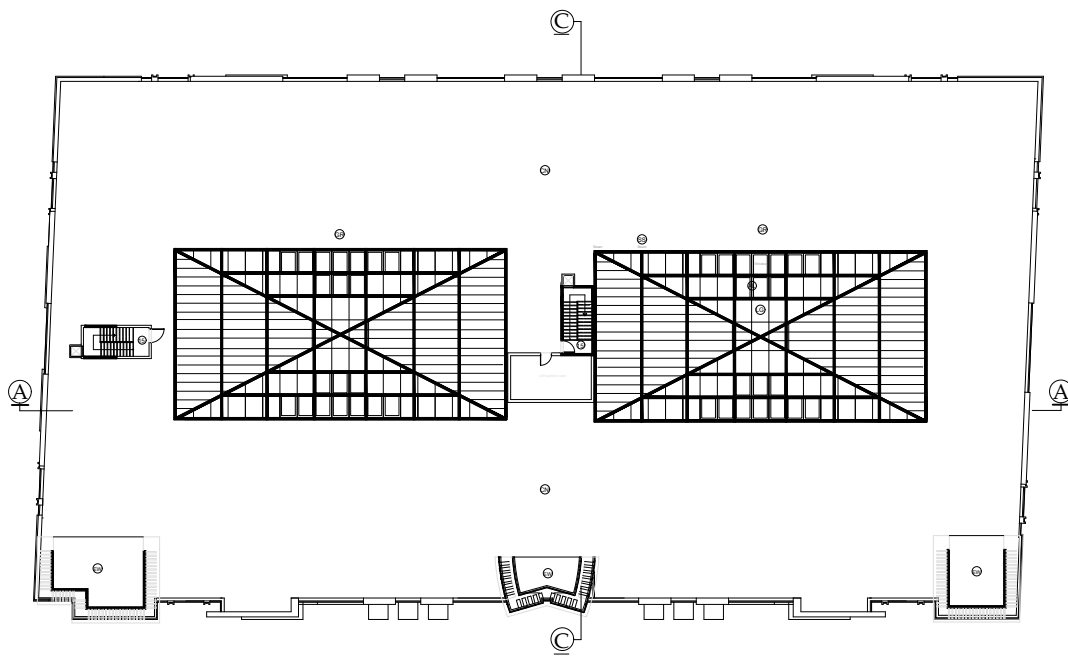
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Date :
30/04/2021



Notes :

LEGEND	
	Staircase
	Staircase well
	Structural plate
	Structural slab
	Structural beam
	Glass roof



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Drawing title:
Roof floor plan

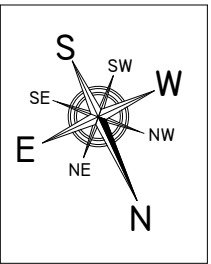
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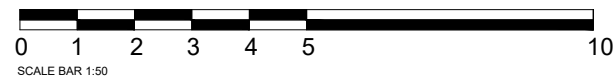
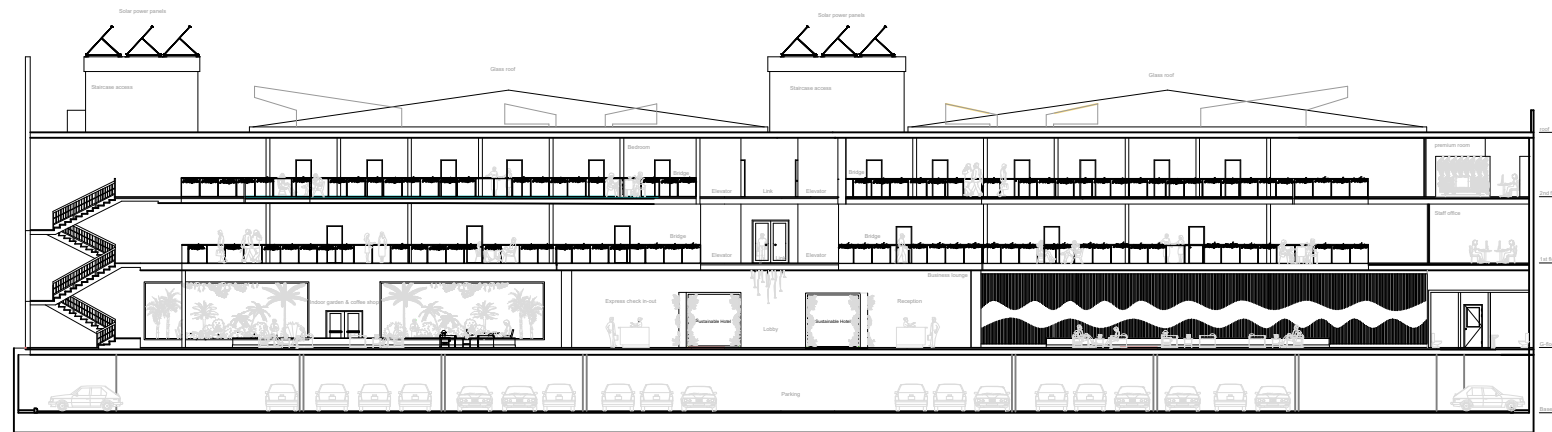
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Date :
30/04/2021



Notes :



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Section A-A

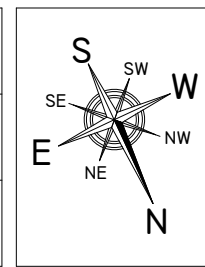
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Model code:
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Sheet size:
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Date :
30/04/2021



Notes :



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Section B-B

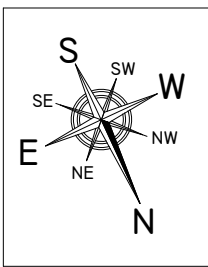
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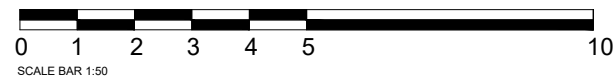
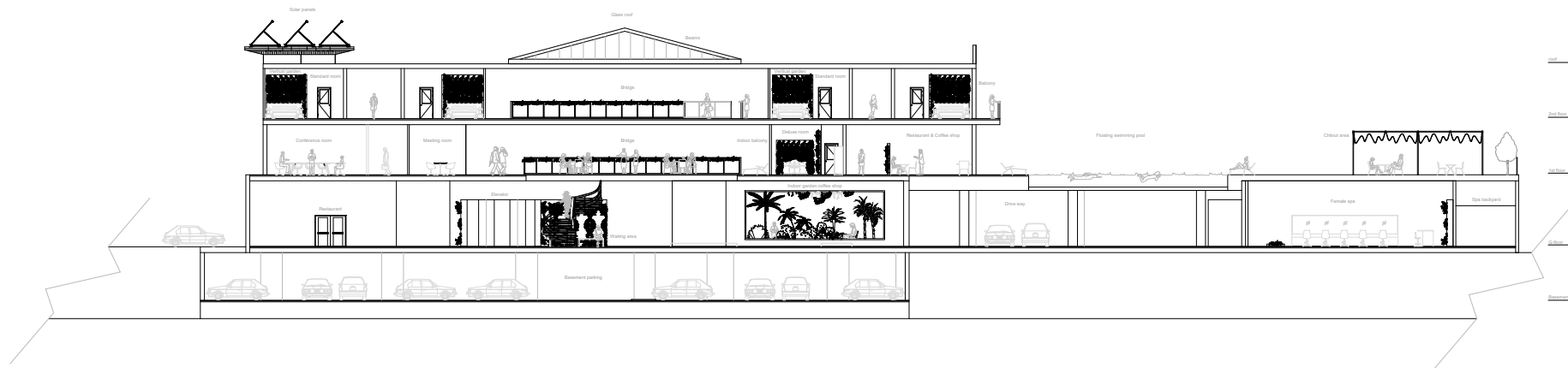
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Sheet size:
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Date :
30/04/2021



Notes :



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Section C-C

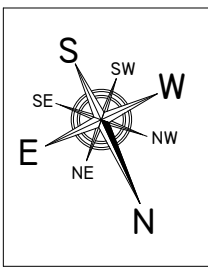
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Model code:
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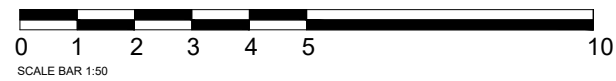
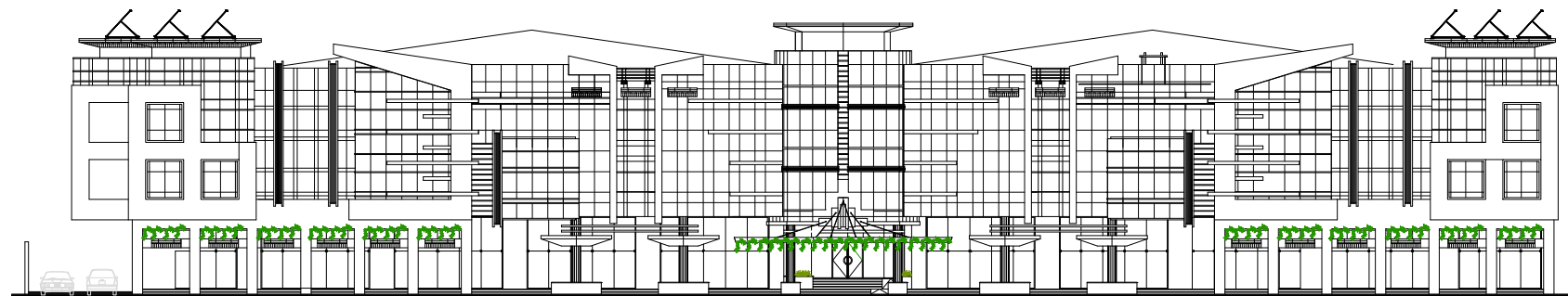
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Date :
30/04/2021



Notes :



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
External front elevation

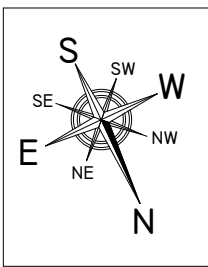
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Model code:
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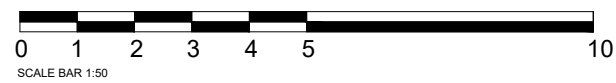
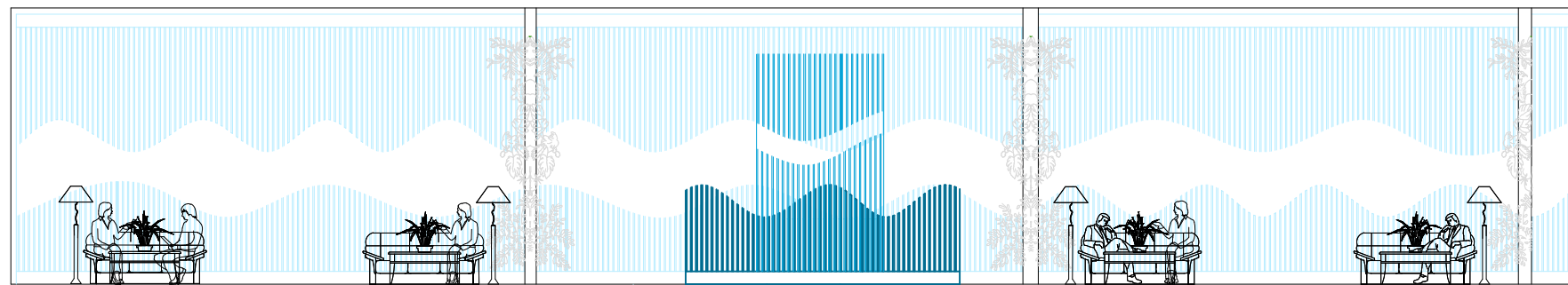
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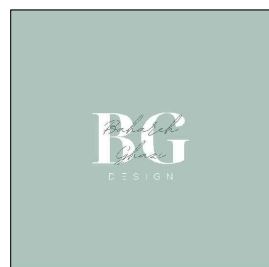


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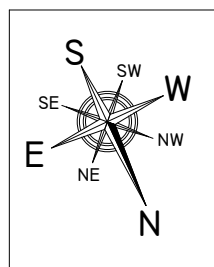
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Sustainable Hotel
Dubai, UAE

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Bahareh Ghazi

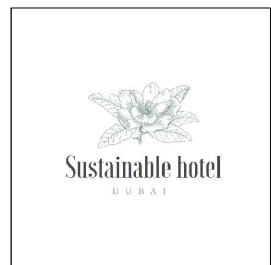
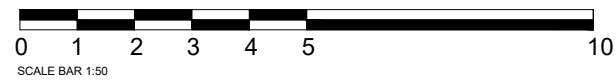


Drawing title:
Business lounge internal
elevation
Drawing NO:
IE - 01
Model code:
3001AAD

Scale :
As shown
Sheet size:
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Date :
30/04/2021



Notes :



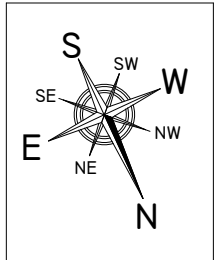
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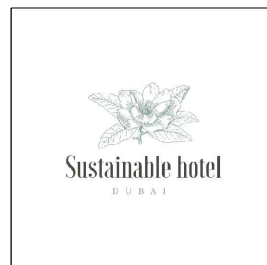
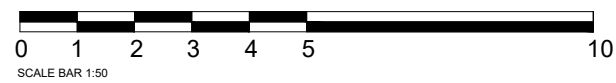
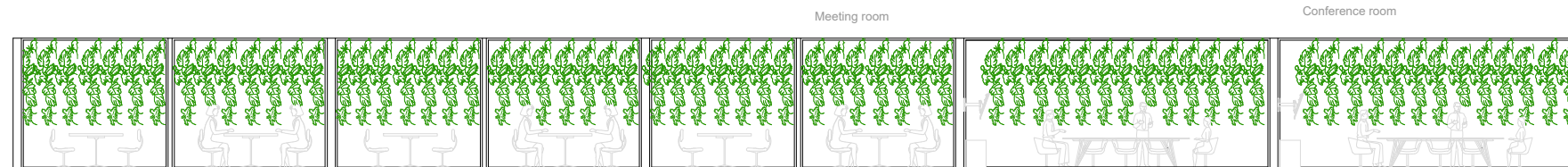


Drawing title:
Indoor garden internal
elevation
Drawing NO:
IE - 02
Model code:
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Scale :
As shown
Sheet size:
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Date :
30/04/2021



Notes :



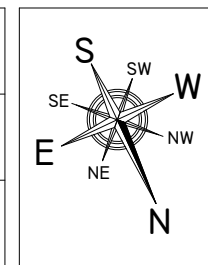
Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi

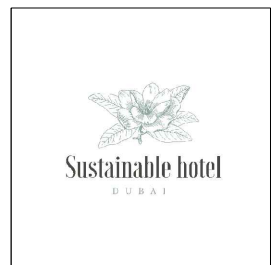
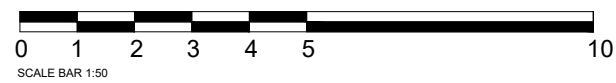


Drawing title:
Business rooms internal
elevation
Drawing NO:
IE - 03
Model code:
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Date :
30/04/2021



Notes :



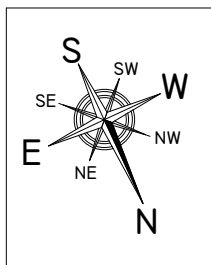
Project title :
Sustainable Hotel
Dubai, UAE

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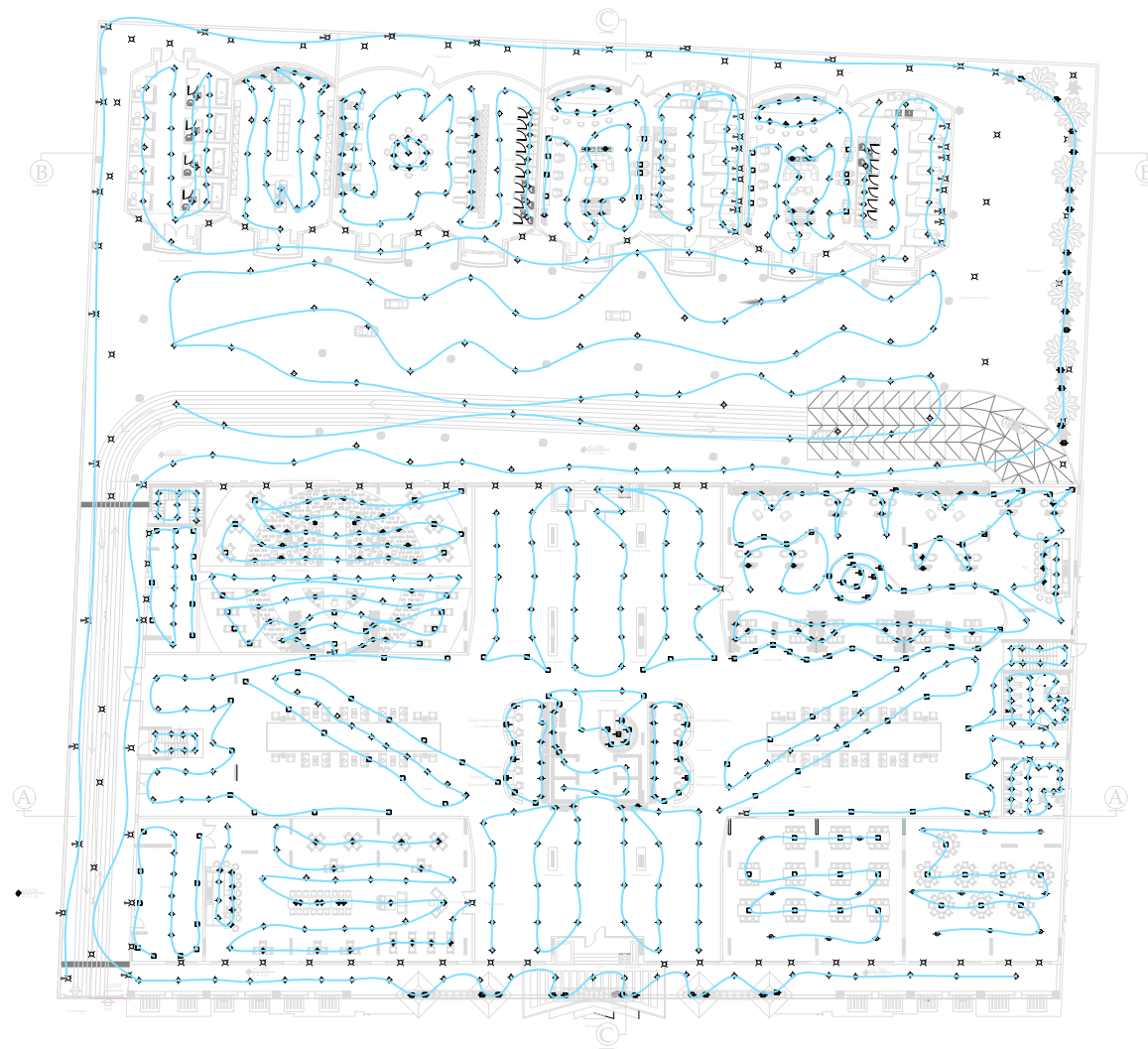
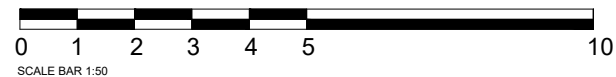
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Outdoor area internal
elevation
Drawing NO:
IE - 04
Model code:
3001AAD

Scale :
As shown
Sheet size:
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Date :
30/04/2021



Notes :

LEGEND	
SYMBOL	DESCRIPTION
	DAY LIGHT
	HIGH FREQUENCY LIGHT
	RECESSED SPOT LIGHT
	FEATURE LIGHT
	PLANT GROWING LIGHT
	SUSPENDED LIGHT PENDANT
	CHANDELIER
	WALL MOUNTED LIGHT
	SPOT LIGHT
	LED STRIP LIGHT
	FLOOR SPOT LIGHT



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Ground floor lighting plan

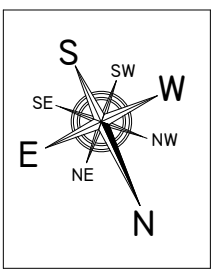
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Model code:
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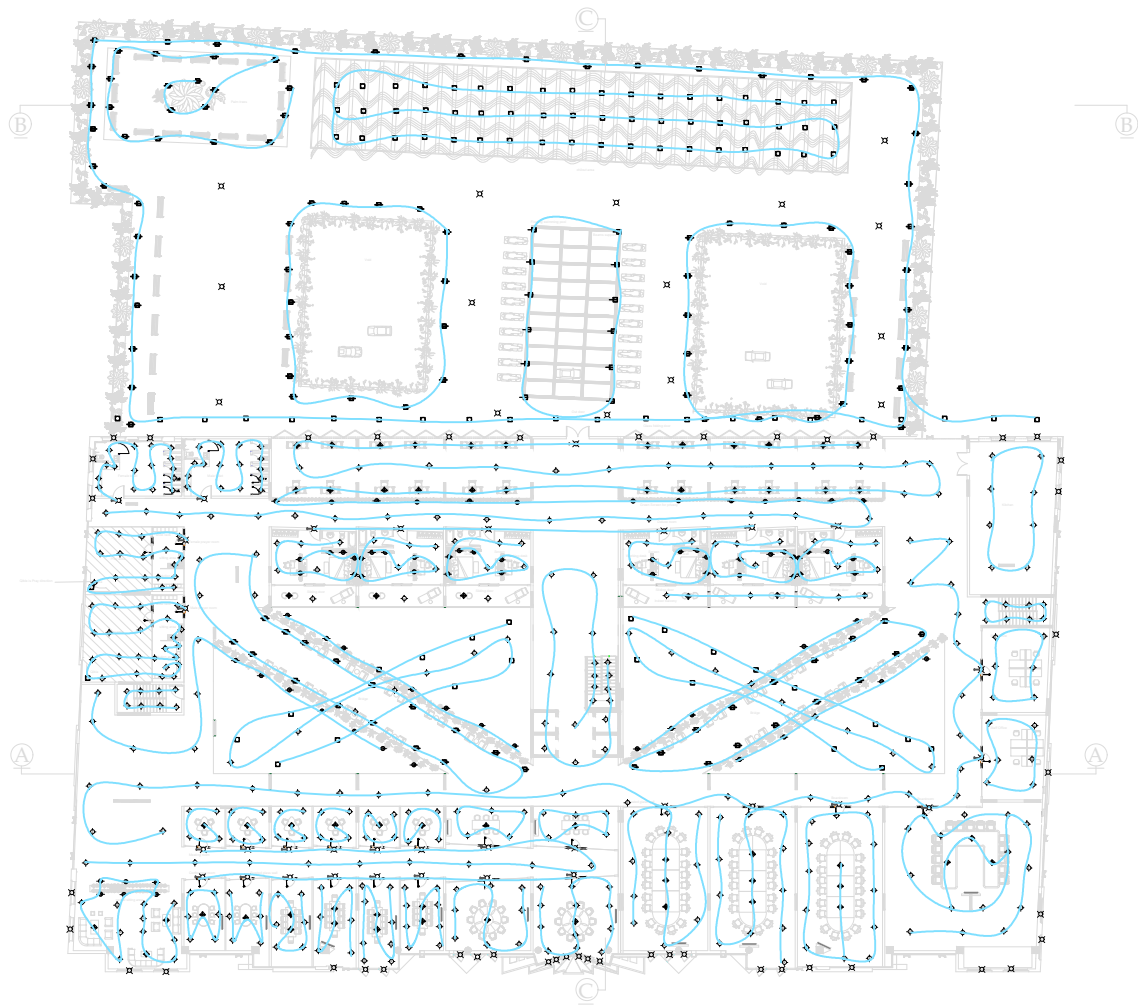
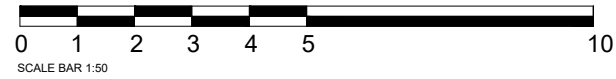
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30/04/2021



Notes :

LEGEND	
SYMBOL	DESCRIPTION
	DAY LIGHT
	HIGH FREQUENCY LIGHT
	RECESSED SPOT LIGHT
	FEATURE LIGHT
	PLANT GROWING LIGHT
	SUSPENDED LIGHT PENDANT
	CHANDELIER
	WALL MOUNTED LIGHT
	SPOT LIGHT
	LED STRIP LIGHT
	FLOOR SPOT LIGHT



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
First floor lighting plan

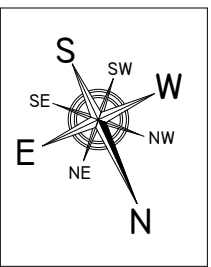
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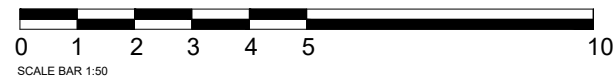
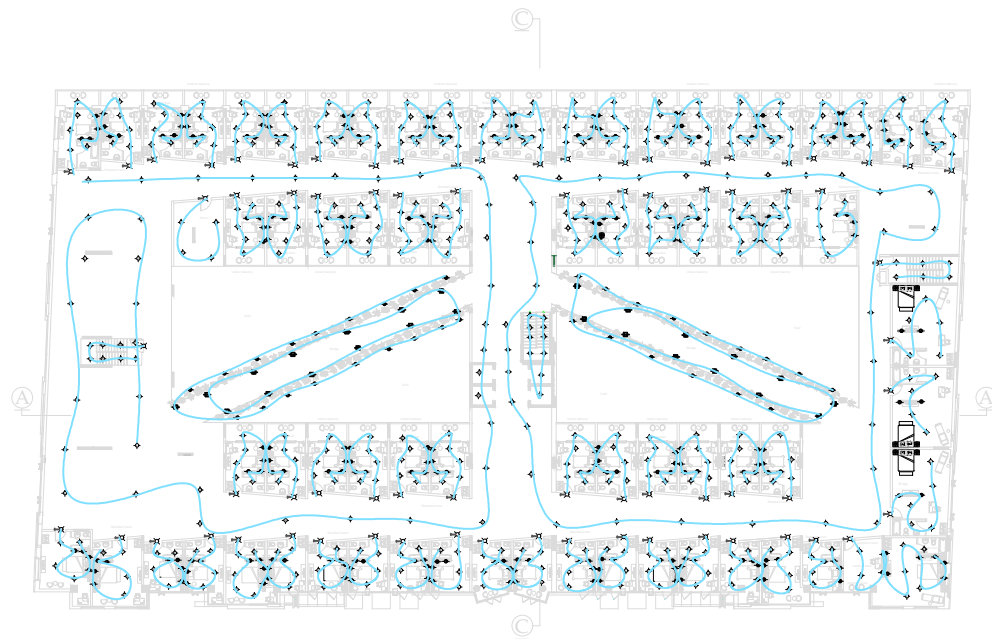
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Notes :

LEGEND	
SYMBOL	DESCRIPTION
	DAY LIGHT
	HIGH FREQUENCY LIGHT
	RECESSED SPOT LIGHT
	FEATURE LIGHT
	PLANT GROWING LIGHT
	SUSPENDED LIGHT PENDANT
	CHANDELIER
	WALL MOUNTED LIGHT
	SPOT LIGHT
	LED STRIP LIGHT
	FLOOR SPOT LIGHT



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
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Drawing title:
Second floor lighting plan

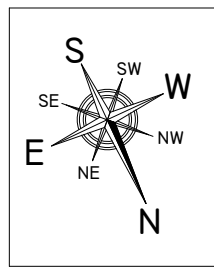
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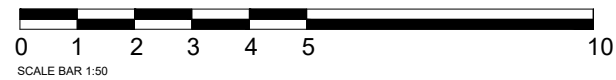
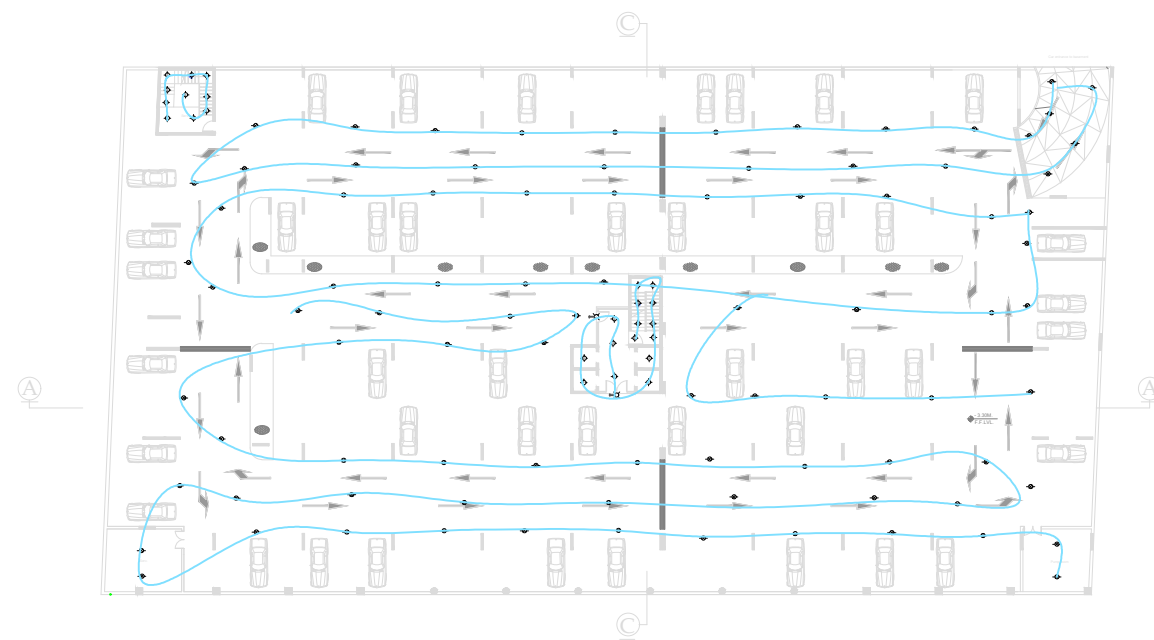
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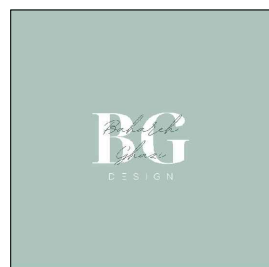
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LEGEND	
SYMBOL	DESCRIPTION
	DAY LIGHT
	HIGH FREQUENCY LIGHT
	RECESSED SPOT LIGHT
	FEATURE LIGHT
	PLANT GROWING LIGHT
	SUSPENDED LIGHT PENDANT
	CHANDELIER
	WALL MOUNTED LIGHT
	SPOT LIGHT
	LED STRIP LIGHT
	FLOOR SPOT LIGHT



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Sustainable Hotel
Dubai, UAE

Drawn by :
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Drawing title:
Basement lighting plan

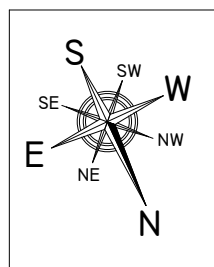
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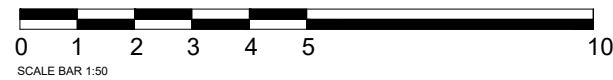
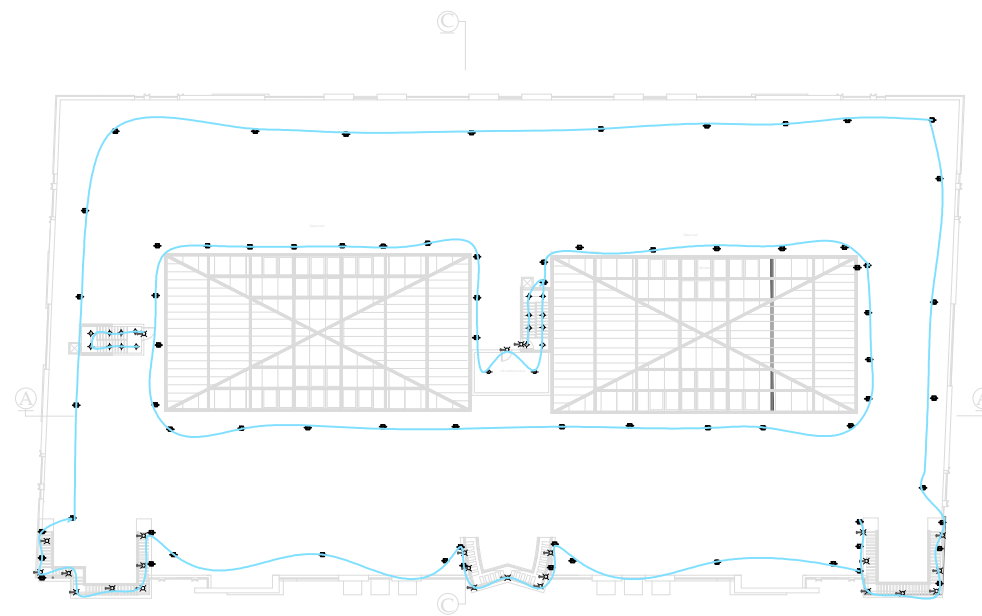
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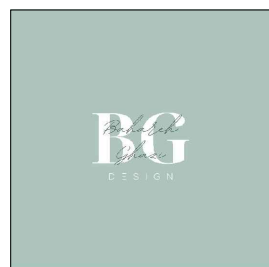
Notes :

LEGEND	
SYMBOL	DESCRIPTION
	DAY LIGHT
	HIGH FREQUENCY LIGHT
	RECESSED SPOT LIGHT
	FEATURE LIGHT
	PLANT GROWING LIGHT
	SUSPENDED LIGHT PENDANT
	CHANDELIER
	WALL MOUNTED LIGHT
	SPOT LIGHT
	LED STRIP LIGHT
	FLOOR SPOT LIGHT



Project title :
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Dubai, UAE

Drawn by :
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Drawing title:
Roof lighting plan

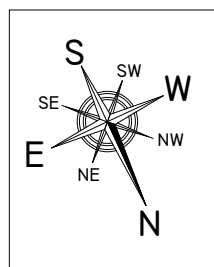
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RCP-05

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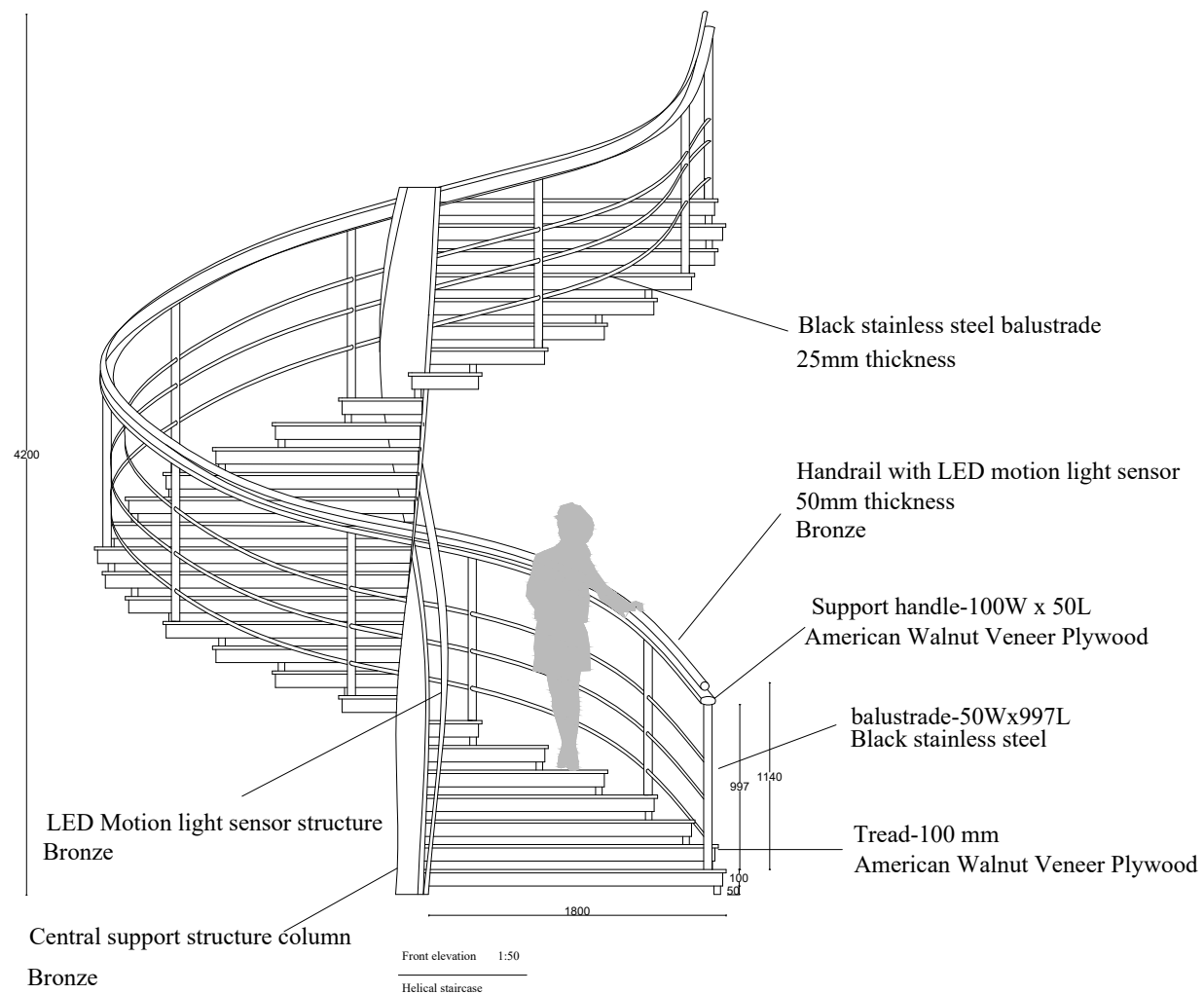
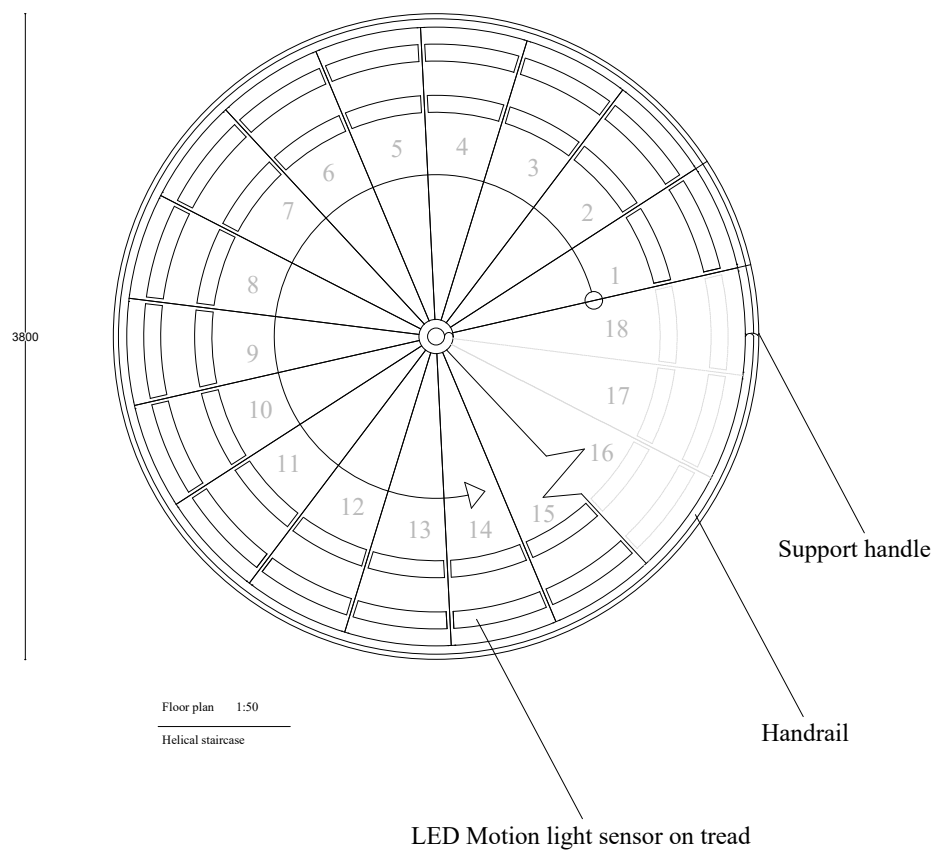
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As shown

Sheet size:
A3

Date :
30/04/2021



Notes :



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Helical staircase

Scale :
As shown

Drawing NO:
DE-A01

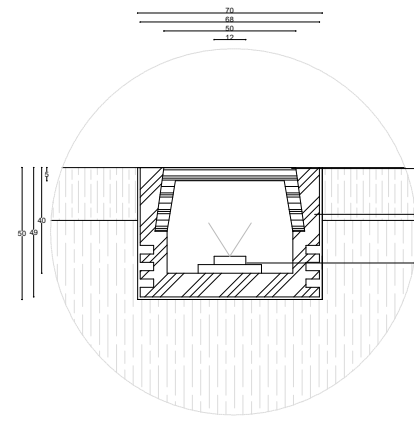
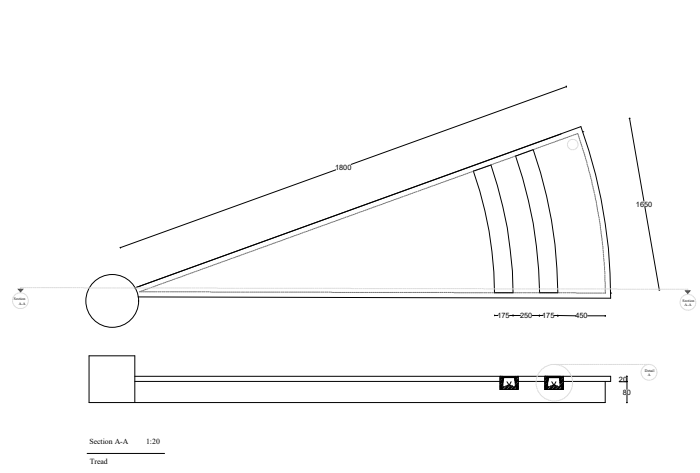
Sheet size:
A3

Model code:
3001AAD

Date :
10/03/2021

Notes :

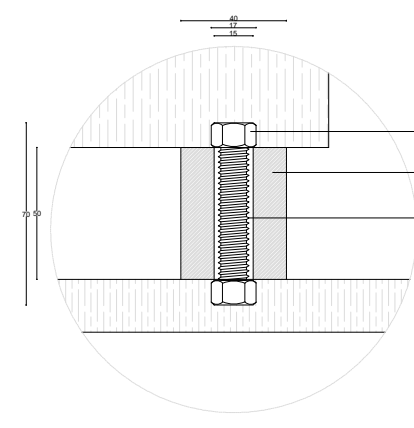
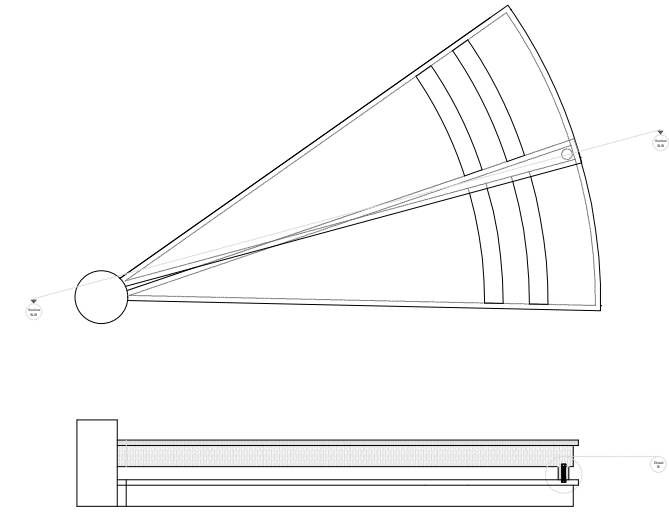
1. All dimensions are in millimeter
2. This staircase has LED motion light sensor that turn on and off by people movements on the stair.
3. The lighting system operate by Power source and lighting controller which placed hidden under the treads for safety and easy handling for maintenance.



Plastic cover- allows light to pass through
Lighting profile - Standard Aluminum
Light strip - warm white



Operate by Intelligent Motion Sensor



Hex bolt
Aluminum tube
Steel bolt



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Helical staircase

Drawing NO:
DE-A02

Model code:
3001AAD

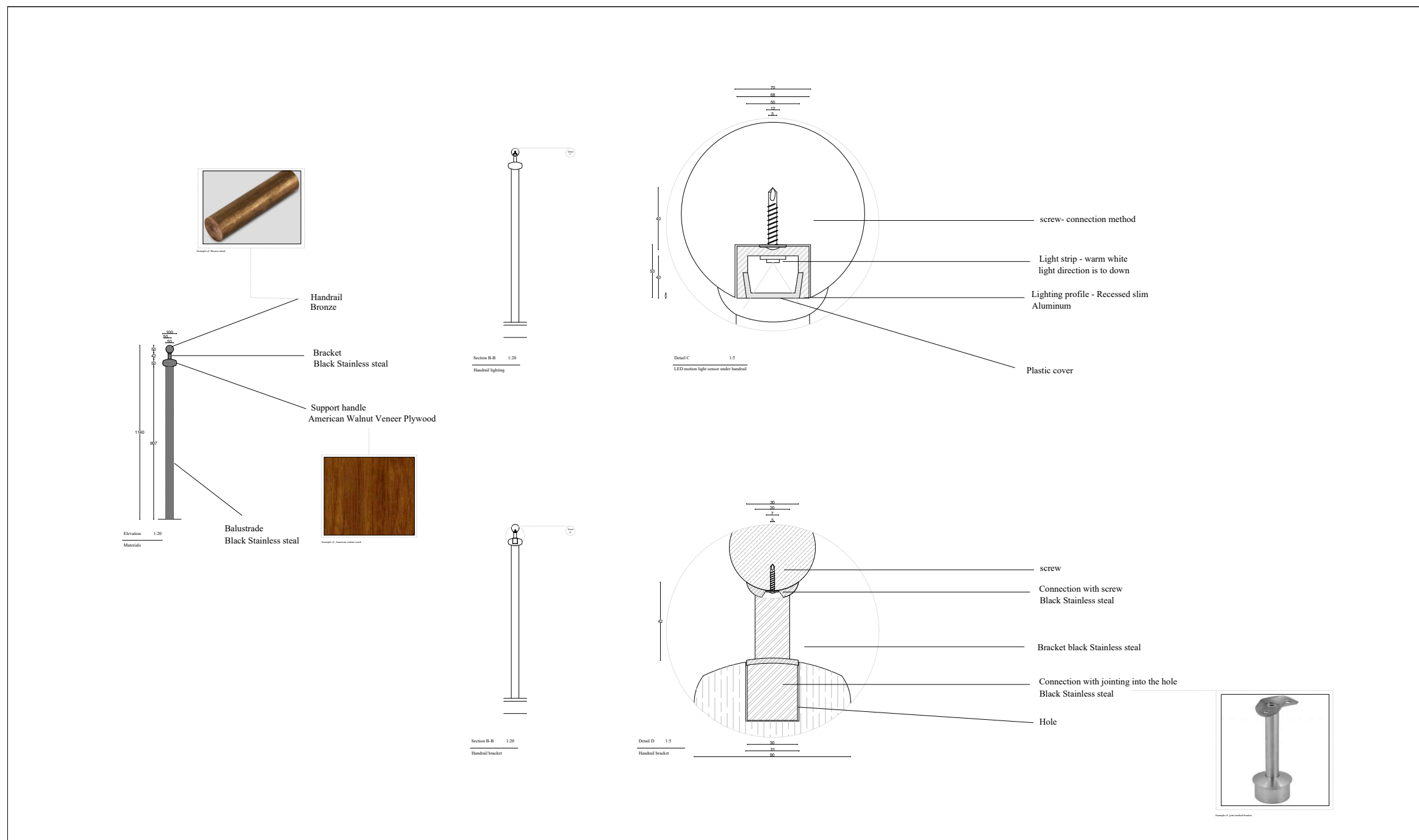
Scale :
As shown

Sheet size:
A3

Date :
10/03/2021

Notes :

- In general there are four types of lighting profile available in the market and for this staircase the chosen types are : Standard and Recessed slim
- Intelligent motion sensors switch on the light when someone pass them directly.
Special attention should be paid while positioning the sensors so it would not triggered while walking so the best place is to hide them under the tread beside the power source.



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Helical staircase

Drawing NO:
DE-A03

Model code:
3001AAD

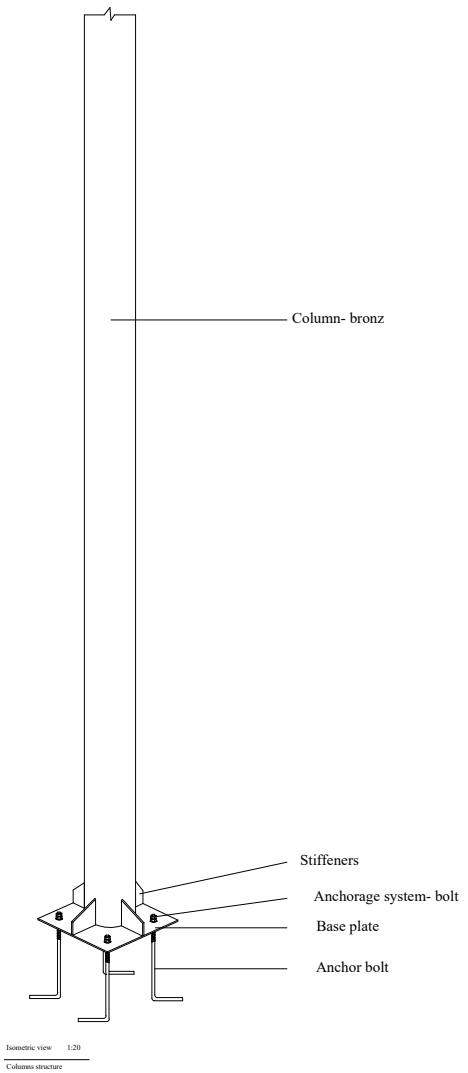
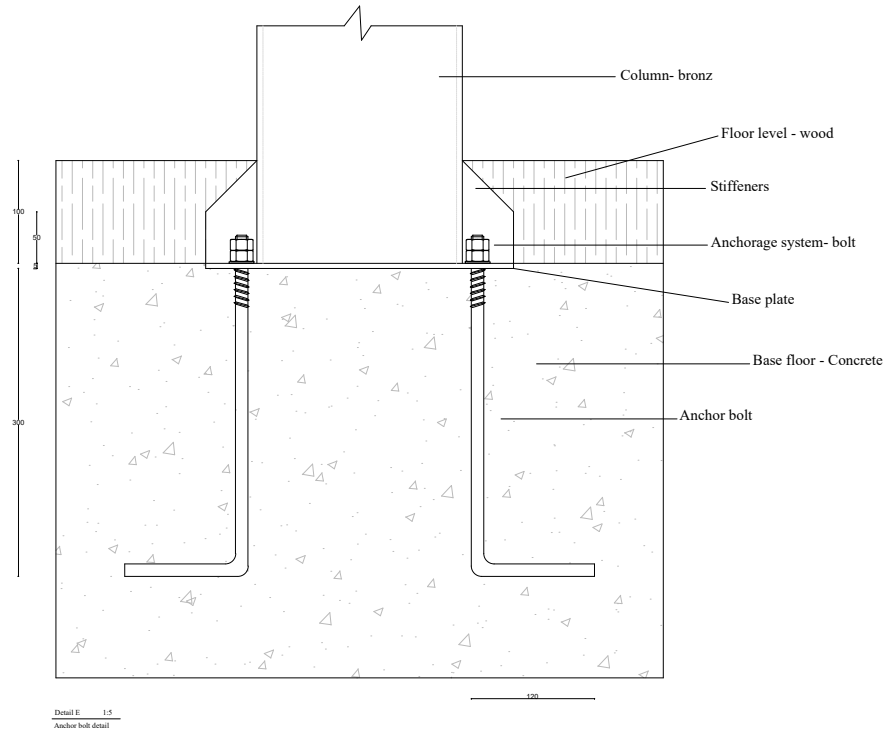
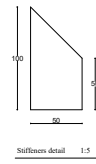
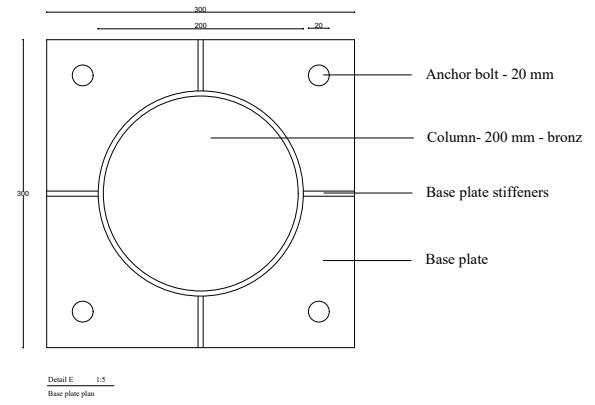
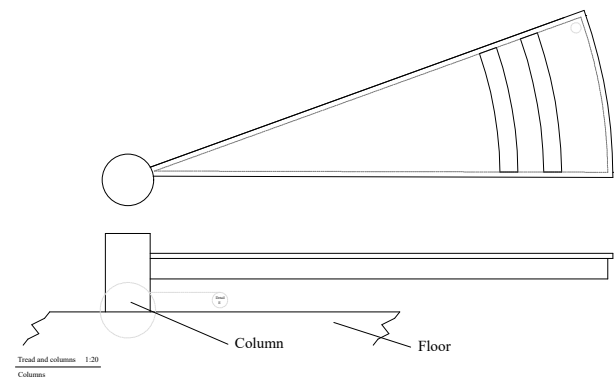
Scale :
As shown

Sheet size:
A3

Date :
10/03/2021

Notes :

- The LED motion sensor lights are positioned in three different places in staircase : Under the handrail and reflect light downward, On the treat and reflect light upward, Central LED structure and moves within the curve twist.



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Helical staircase

Drawing NO:
DE-A04

Model code:
3001AAD

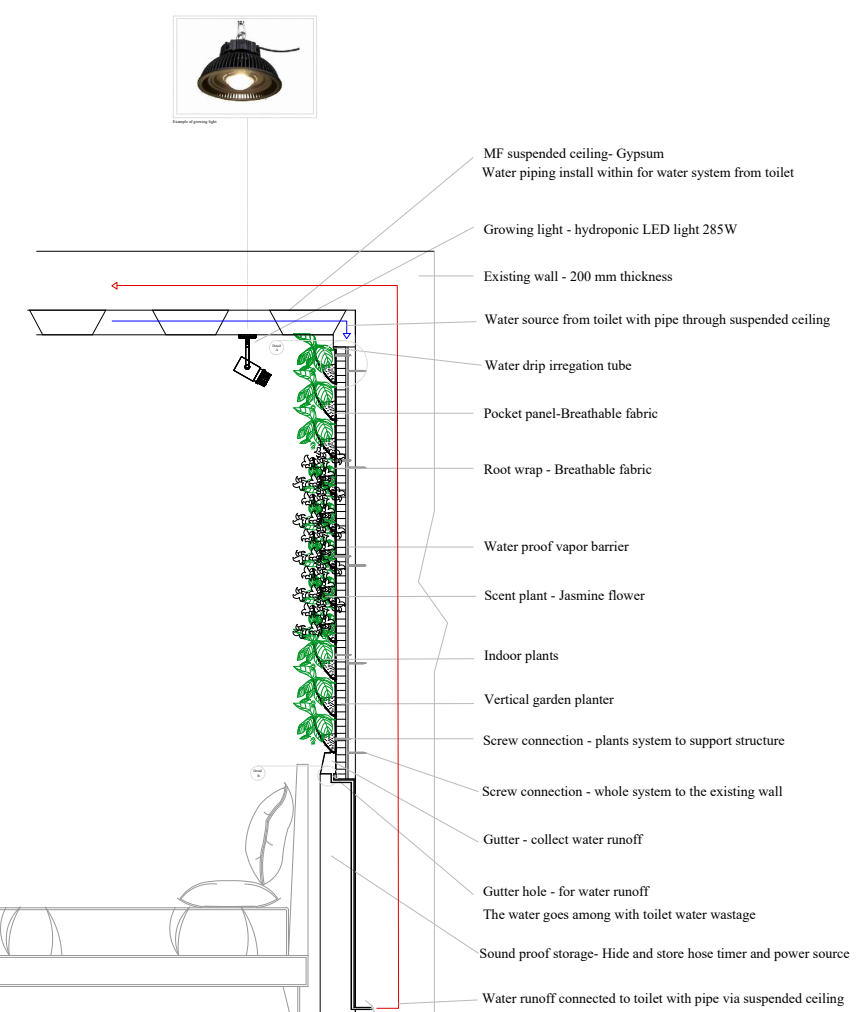
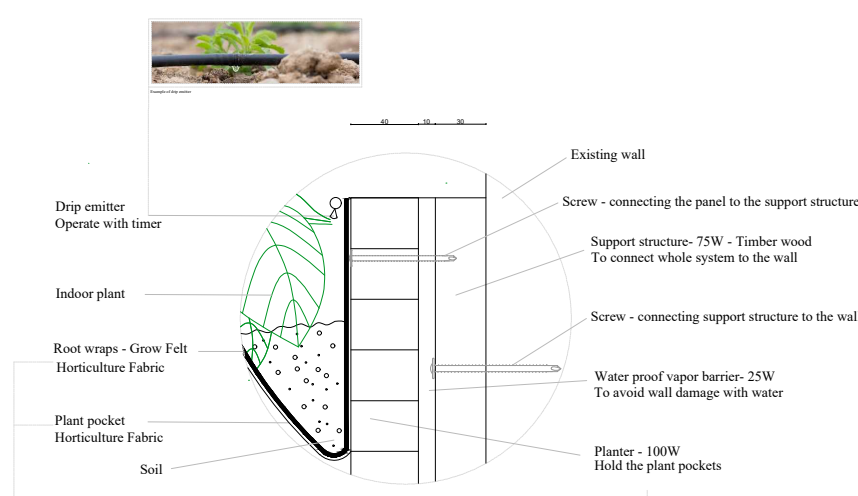
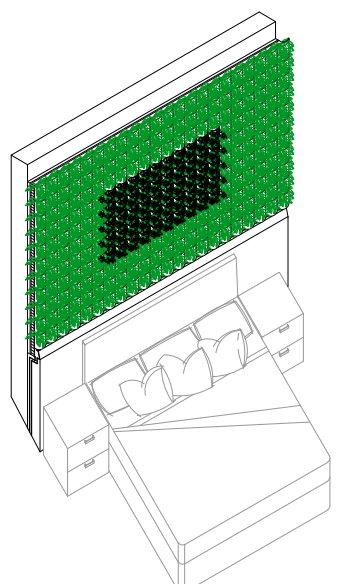
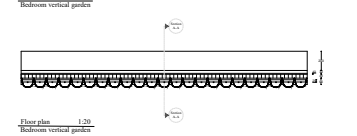
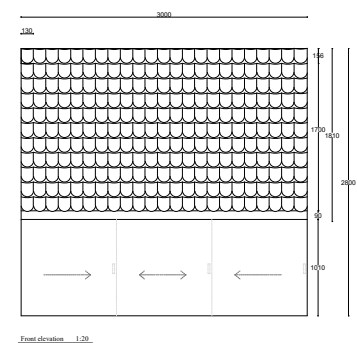
Scale :
As shown

Sheet size:
A3

Date :
10/03/2021

Notes :

1. Stiffeners and base plate require to be welded around contact (column).
2. The weld require to be with full penetration.



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Bedroom vertical garden

Drawing NO:
DE-B01

Model code:
3001AAD

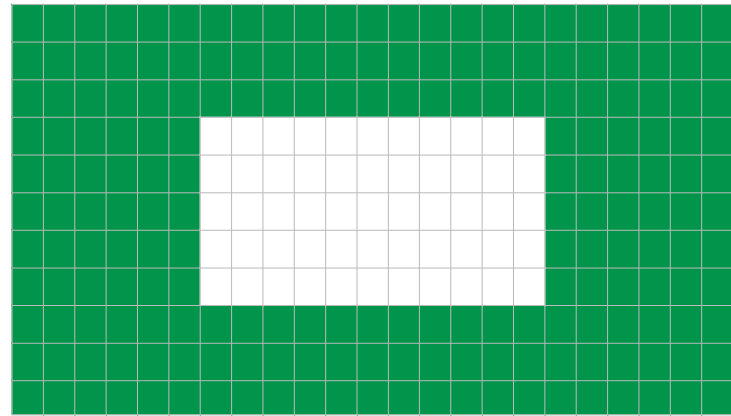
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Sheet size:
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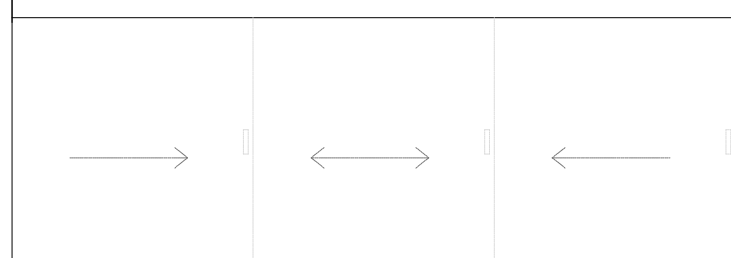
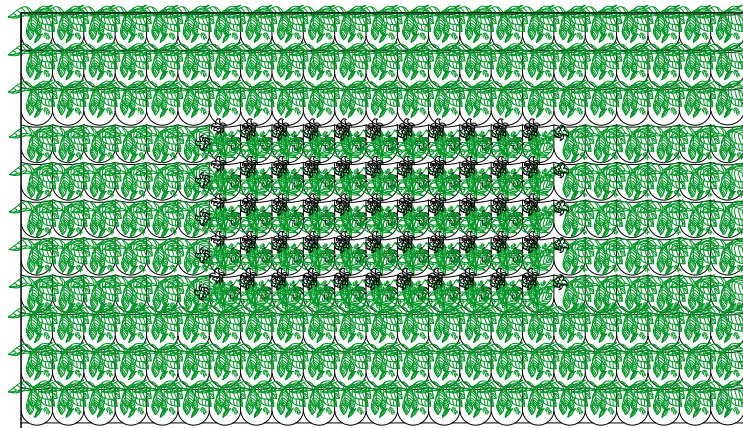
Date :
10/03/2021

Notes :

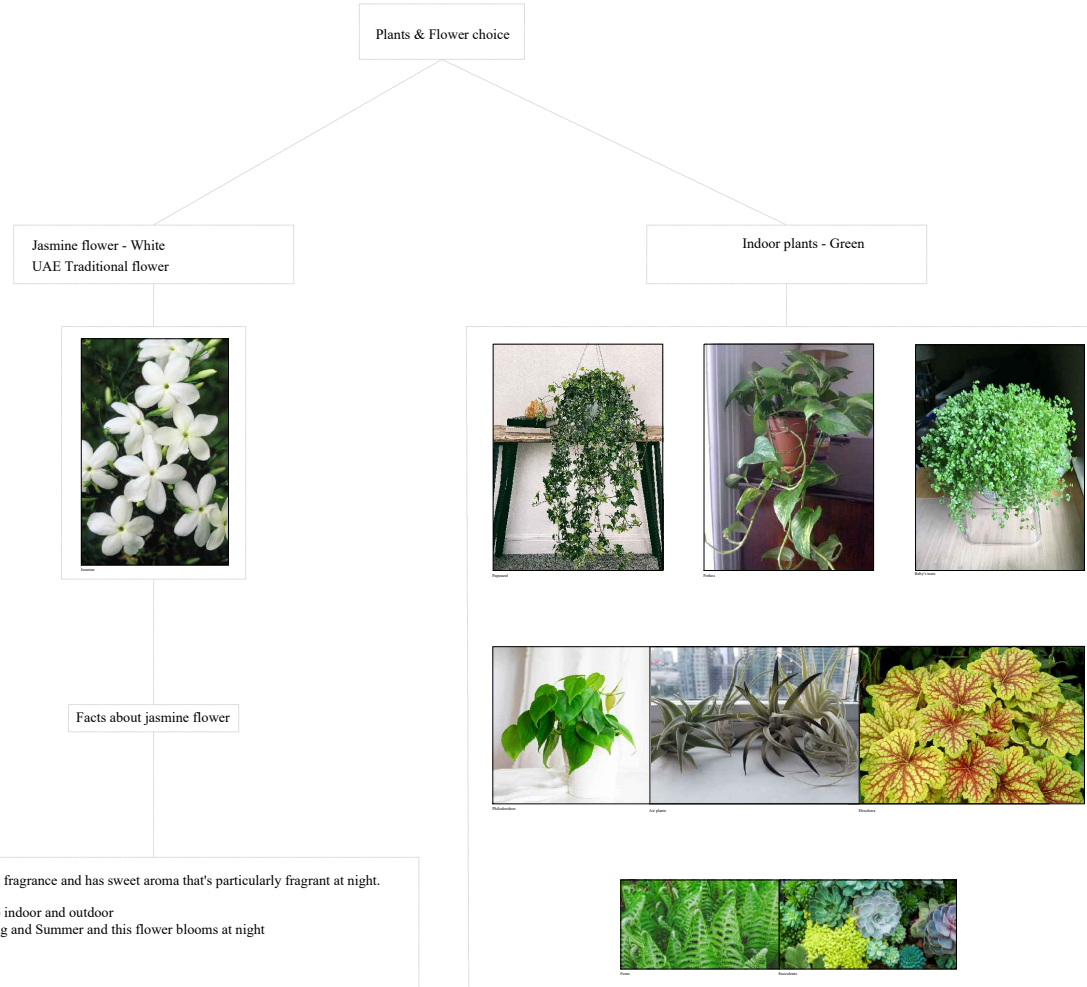
- All dimensions are in millimeter
- Grow Felt Horticulture Fabric is breathable, recycled and non-toxic plastics that last lifetime. It designed to hold and release moisture and perfect for soil.
- All pipes cover with soundproofing material barrier (ISOLFON 3.5R 1.8 mm thick barrier) for sound reduction.



Flower planting
 ■ Indoor green plants
 □ Jasmine flower / Jasmine flower



Furniture
 ■ Bed
 ■ Wardrobe



Project title :
 Sustainable Hotel
 Dubai, UAE

Drawn by :
 Bahareh Ghazi



Drawing title:
 Bedroom vertical garden

Drawing NO:
 DE-B02

Model code:
 3001AAD

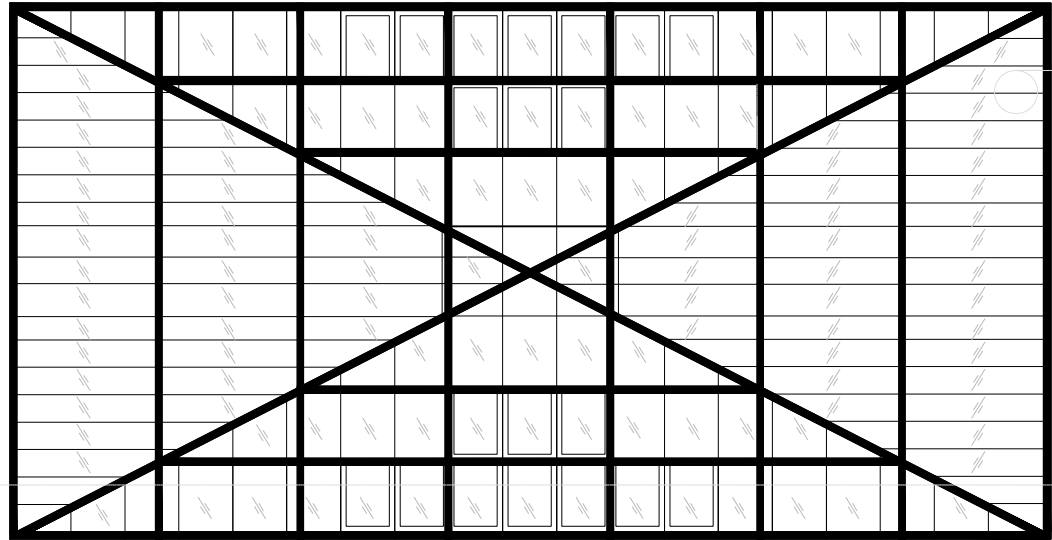
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Sheet size:
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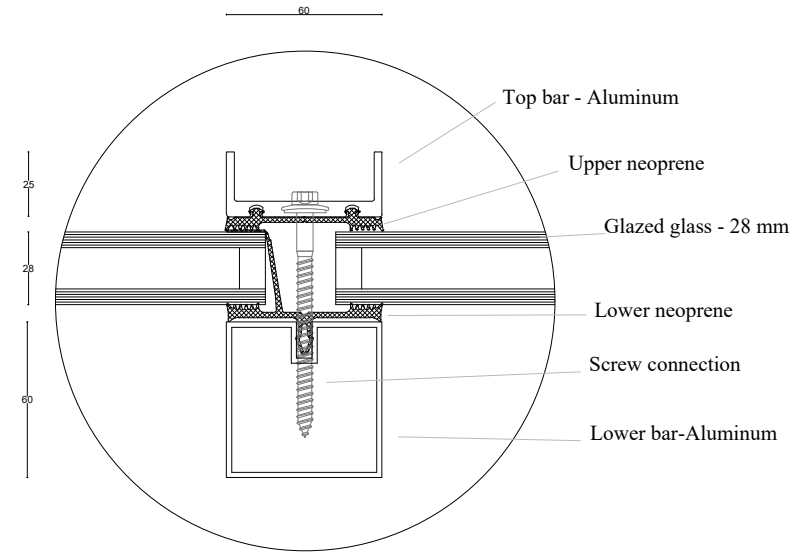
Date :
 10/03/2021

Notes :

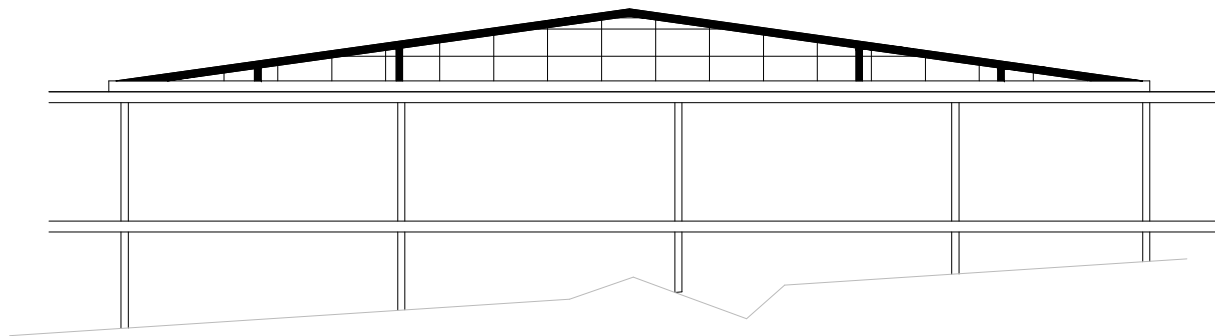
- All plants require minimum 6 hours of light therefore, there is growing light install on the ceiling.
- some plants produce oxygen and some carbon dioxide. In order to maintain the balance it require the mix different type of plants as shown above.



Grid plan - 1:100





Detail A 1:5
Glass connection and support

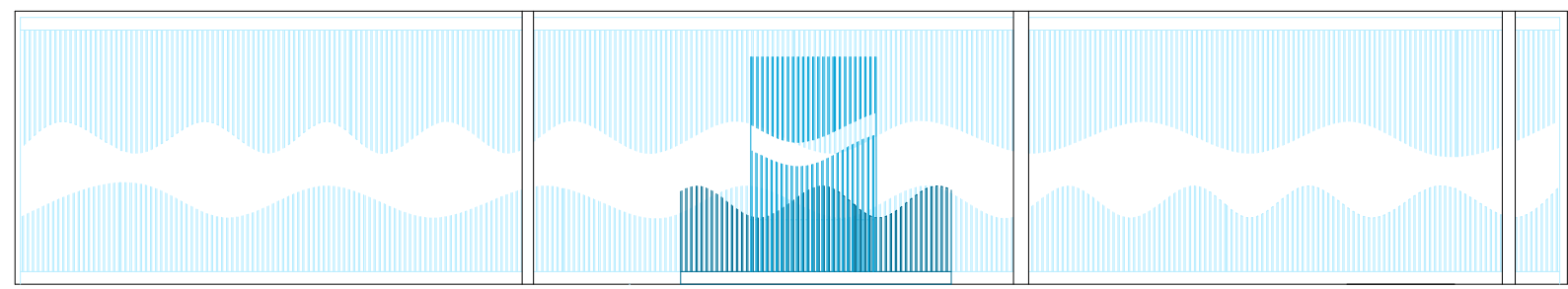
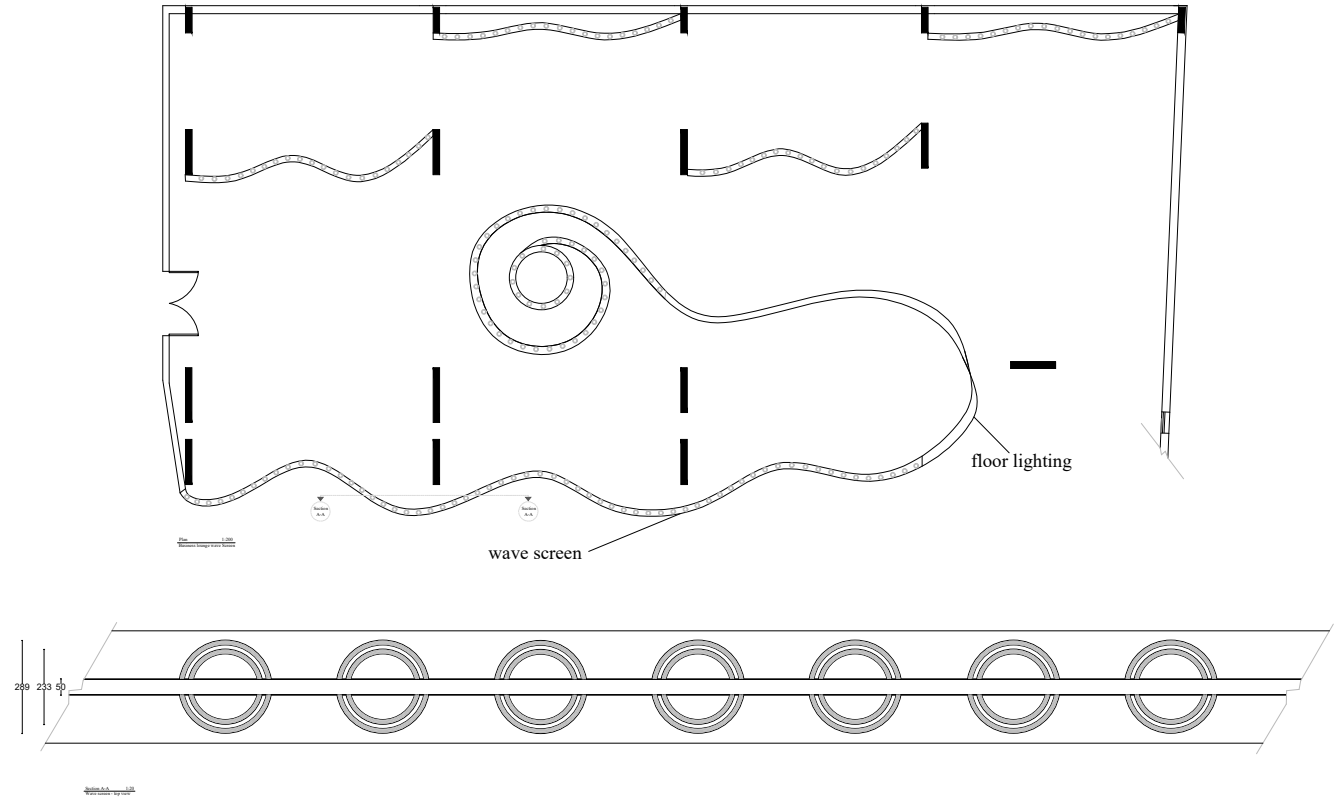


Elevation - 1:100





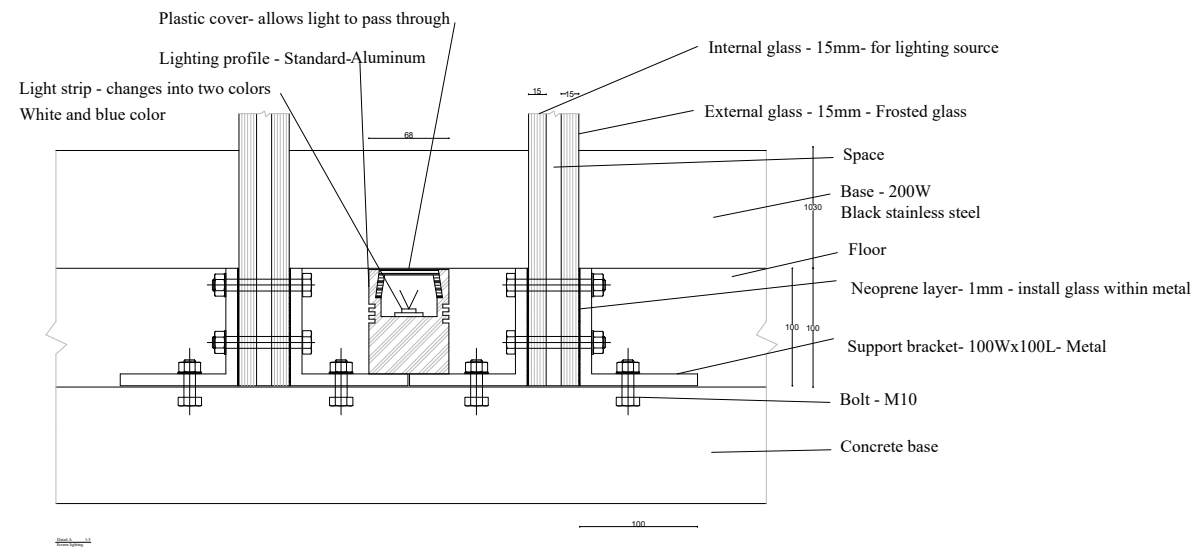
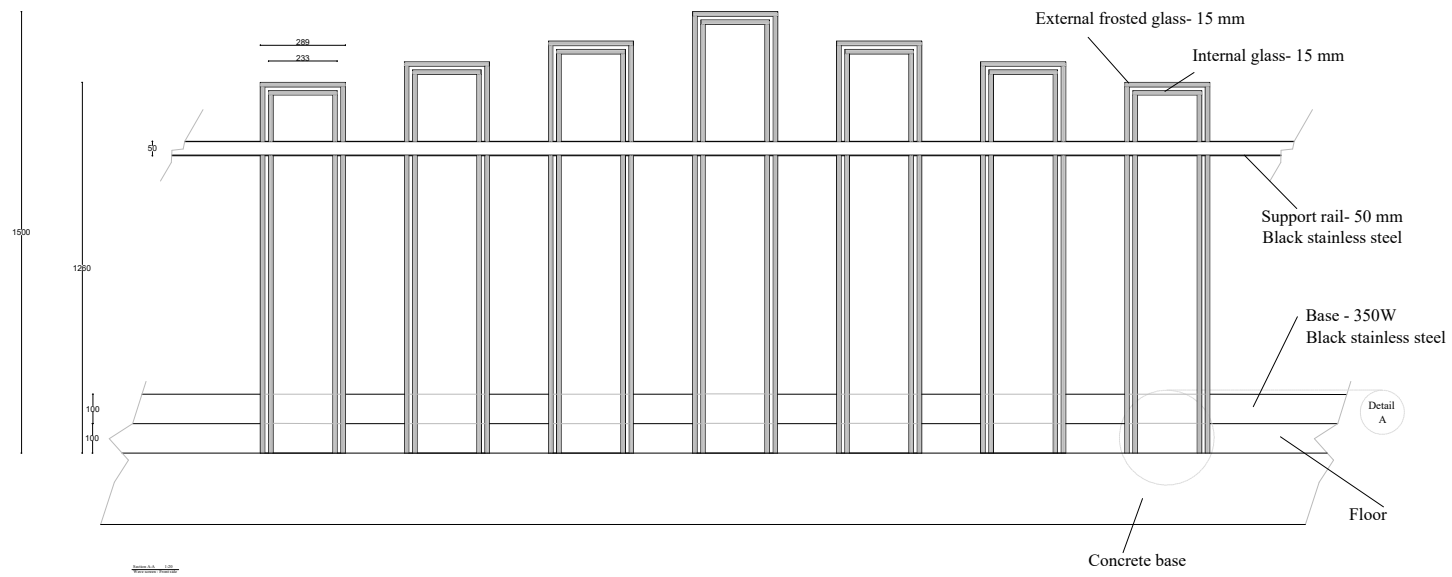
Example of glass roof

	<p>Project title : Sustainable Hotel Dubai, UAE</p>	<p>Drawn by : Bahareh Ghazi</p>		<p>Drawing title: Glass roof</p>	<p>Scale : As shown</p>	<p>Notes :</p> <ol style="list-style-type: none"> All dimensions are in millimeter. The glass structure supported by beams that connected to columns all the way to ground floor.
<p>Drawing NO: DE-C01</p>	<p>Sheet size: A3</p>	<p>Model code: 3001AAD</p>	<p>Date : 10/03/2021</p>			



Internal elevation 1:200
Business lounge wave screen

	Project title :	Drawn by :		Drawing title:	Scale :	Notes : 1. All dimensions are in millimeter. 2. Lighting is connected to timer to change the colours each 60 seconds. 3. colours concept : Blue : Inspired by sea. white : Inspired by UAE men custom. Black : Inspired by UAE women custom.
	Sustainable Hotel Dubai, UAE	Bahareh Ghazi		Drawing NO:	Sheet size:	
				DE-D01	A3	
			Model code:	Date :		
			3001AAD	10/03/2021		



Project title :
Sustainable Hotel
Dubai, UAE

Drawn by :
Bahareh Ghazi



Drawing title:
Business lounge wave
screen

Drawing NO:
DE-D02

Model code:
3001AAD

Scale :
As shown

Sheet size:
A3

Date :
10/03/2021

Notes :