SIMFEROPOL INTERNATIONAL AIRPORT INTERIOR PROPOSAL L&K DESIGN



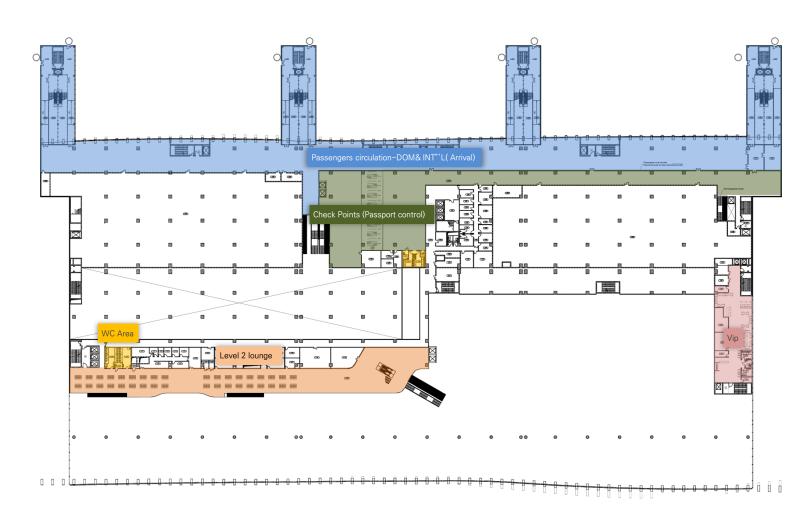


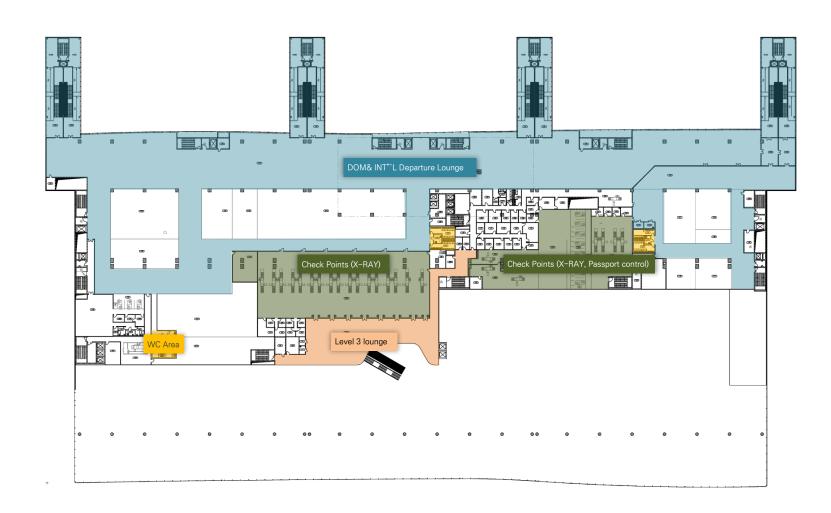


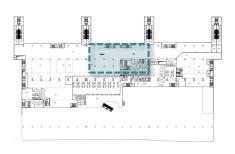


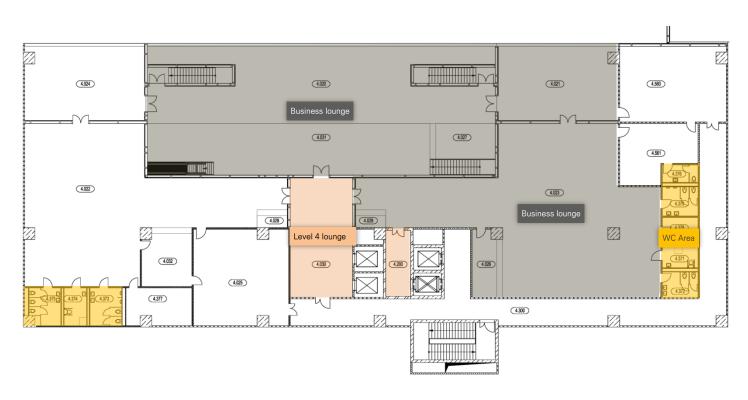












SIMFEROPOL INTERNATIONAL AIRPORT INTERIOR WORK SCOPE

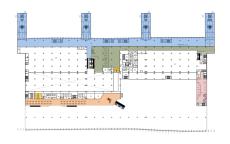
LEVEL 1

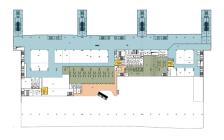
LEVEL 2

LEVEL 3

LEVEL 4









Arrival/Check-in Lounge Check Points(X-RAY) WC Area Passengers circulation-DOM& INT"'L(Arrival)

Check-in/Baggage Claim-DOM & INT"'L Vip

Passengers circulation-DOM& INT"'L(Arrival) Check Points (Passport control) WC Area Level 2 lounge Vip

DOM& INT"'L Departure Lounge Check Points (X-RAY, Passport control) WC Area Level 3 lounge Retail / Commercial

Business lounge

WC Area Level 4 lounge

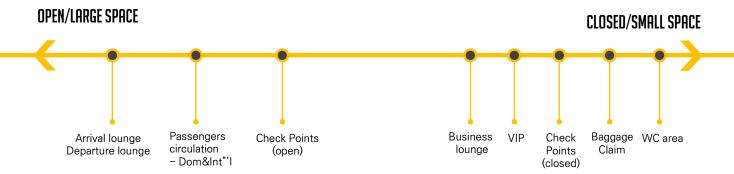




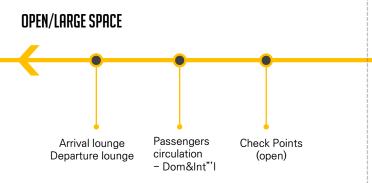
Each airport has their unique design features that show their own identity.

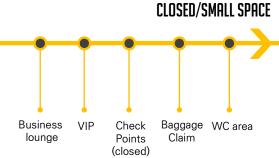
A large open space is to show the integration of common design elements.

Functionally independent space has a separate design concept rather than unity of design.



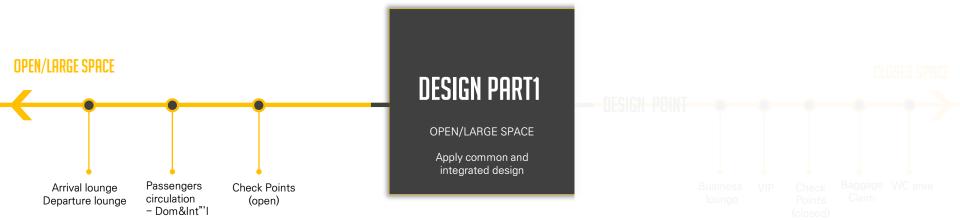
The space can be divided into two spaces, open/large space & closed/small space.



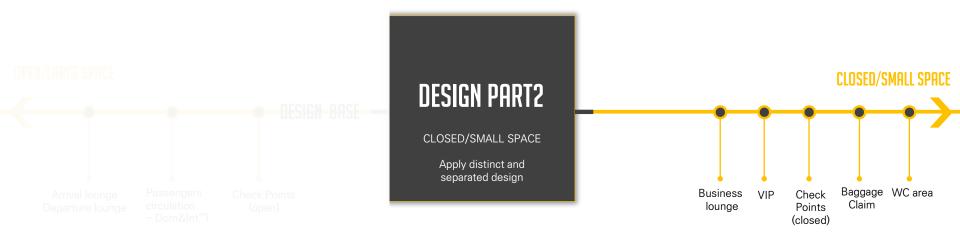


DESIGN PART1

DESIGN PART2



SIMFEROPOL INTERNATIONAL AIRPORT DESIGN PART2



SIMFEROPOL INTERNATIONAL AIRPORT INTERIOR PROPOSAL

DESIGN PART 1 LEVEL 1: ARRIVAL/CHECK-IN LOUNGE

LEVEL 2: PASSENGERS CIRCULATION-DOM6 INT"L[ARRIVAL]

LEVEL 3 : DEPARTURE LOUNGE CHECK POINTS (X-RAY)

DESIGN PART 2 LEVEL 4: BUSINESS LOUNGE

LEVEL 2: VIP

CHECK POINTS (PASSPORT CONTROL)

LEVEL 1: BAGGAGE CLAIM

WC AREA

DESIGN PART3 FLOOR PATTERN / COMMERCIAL / INDOOR GARDENING DESIGN





CONCEPT 1

Airport shows their culture /spirit / life directly and indirectly

FIRST IMPRESSION?

Airport shows their culture /spirit / life directly and indirectly

FIRST IMPRESSION?



The Crimea was the jewel of Russia as the climate is mild and the scenery is beautiful and there are many trees. Also, it was the holiday destination for Romanov dynasty and the senior officials of Soviet Politburo's favorite place.









BLACK SEA, SOFT WEATHER AND GREEN LANDSCAPE IS TRIPLE TREASURE FOR RUSSIA.



BLACK SEA

SOFT WEATHER

GREEN LANDSCAPE

Imagery of the waves of the Black Sea and breaking waves.

SHAPE & PATTERN

Image of the mild weather of the Crimea

INDIRECT LIGHT

Reminiscent of tropical plants with various colors

POINT COLOR & OBJECT

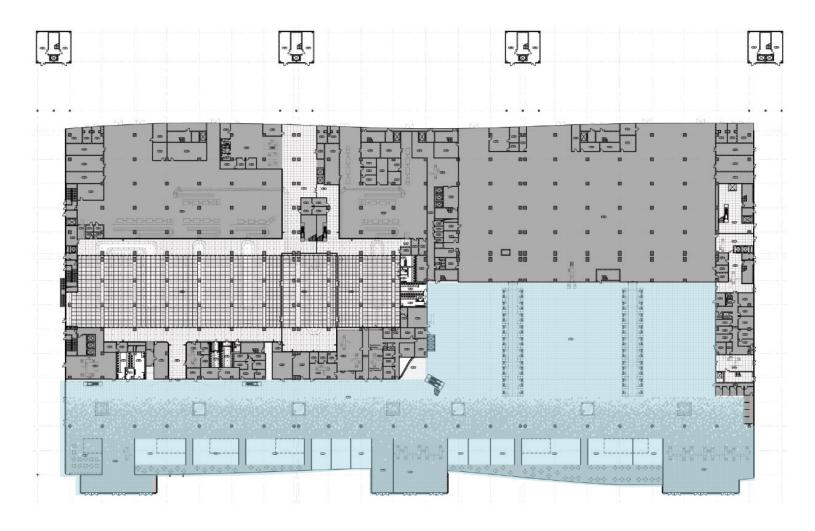
OPEN/LARGE SPACE

Arrival lounge
Departure lounge

LEVEL 1: Arrival/Check-in Lounge

CLOSED/SMALL SPAC

LEVEL 1: ARRIVAL/CHECK-IN LOUNGE







FLOOR



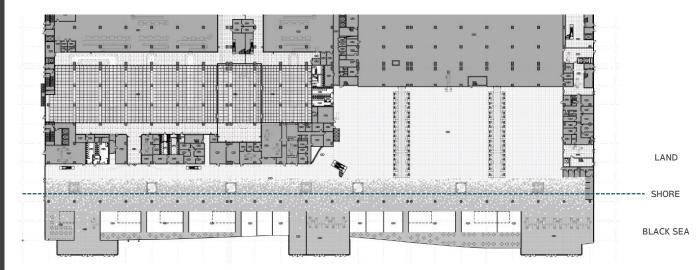
MATERIAL



FIRST TREASURE: BLACK SEA



- The floor pattern represents the Black sea waves (The gradation symbolizes braking waves over the coast)



CEILING



MATERIAL



SECOND TREASURE: SOFT WEATHER



- Warm and tender images of space given over the natural curve of ceiling Wire mesh used in the ceiling(It allows the natural lighting and the architectural construction can be seen through the half see-through finishing)



SIMFEROPOL INTERNATIONAL AIRPORT

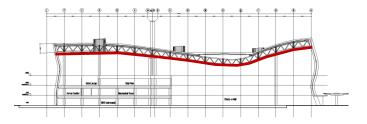
LEVEL 1: ARRIVAL/CHECK-IN LOUNGE

CEILING



MATERIAL





-The interior ceiling is the same shape with the architectural curve ceiling to keep the height and to see the beauty of construction from inside



WALL



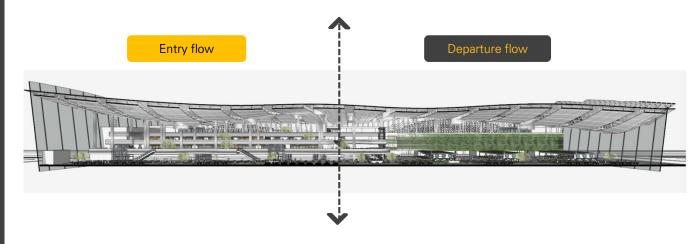
MATERIAL



THIRD TREASURE: GREEN LANDSCAPE



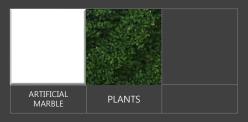
- Apply the look of coastal cliffs and plants to elevation
- It can divided into arrival and departure section applying different patterns of left and right side



WALL

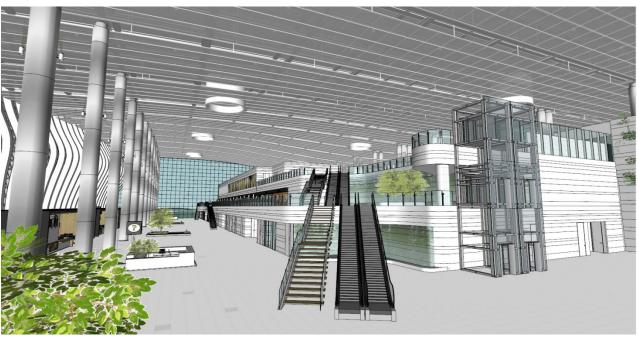


MATERIAL





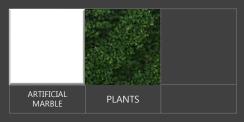
- The artificial marble symbolizes the soft curves of shoreline



WALL



MATERIAL





- The eco-friendly image applying a vertical landscaping on the wall



WALL





-Indoor water space below the stairs and on the wall (The design concept has refined to the water space which stimulates people's sight, touch and hearing)



COUNTER





- Counter design: Universal design (various height) + natural planting + recognition of the signage

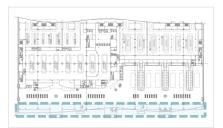


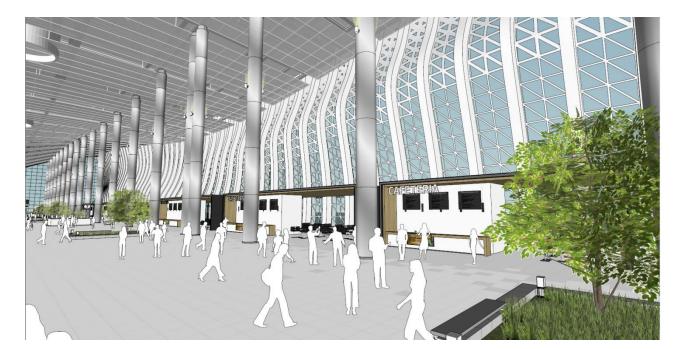


COMMERCIAL



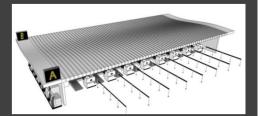
- There is a distance between the curtain wall and commercial space(The box-type of commercial space does not touch the curtain wall)
- The ceiling part has adjusted to grid form to hang direct lightings using its frames





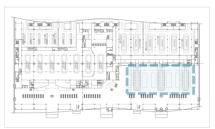
SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 1: ARRIVAL/CHECK-IN LOUNGE

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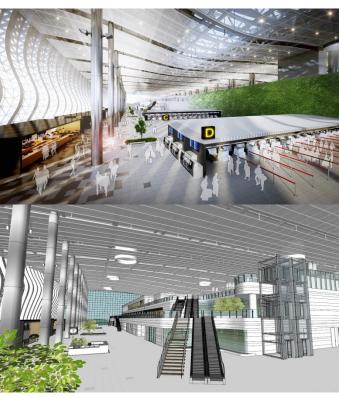
- Ceiling wave: simplified and minimized
- Monotone color: Black and white(signage and monitors are in black color)





LEVEL 1: ARRIVAL/CHECK-IN LOUNGE





OPEN/LARGE SPACE

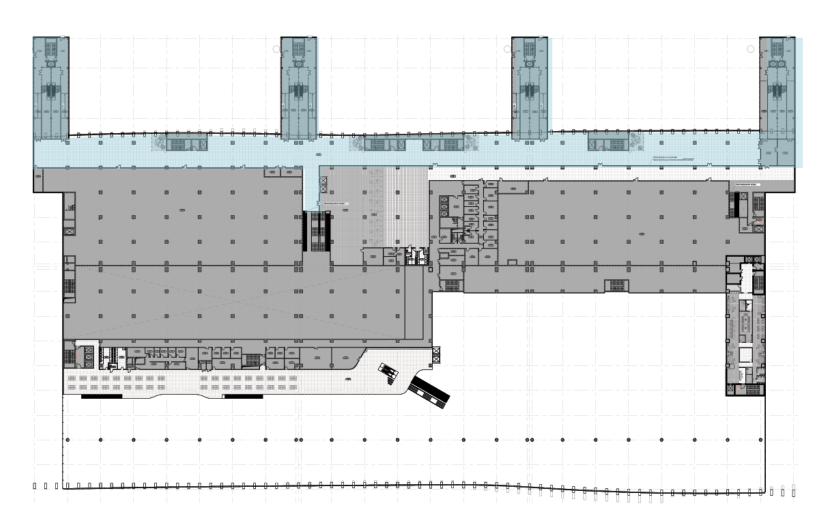
Passengers circulation

LEVEL 2:

PASSENGERS CIRCULATION DOM & INT"L (ARRIVAL)

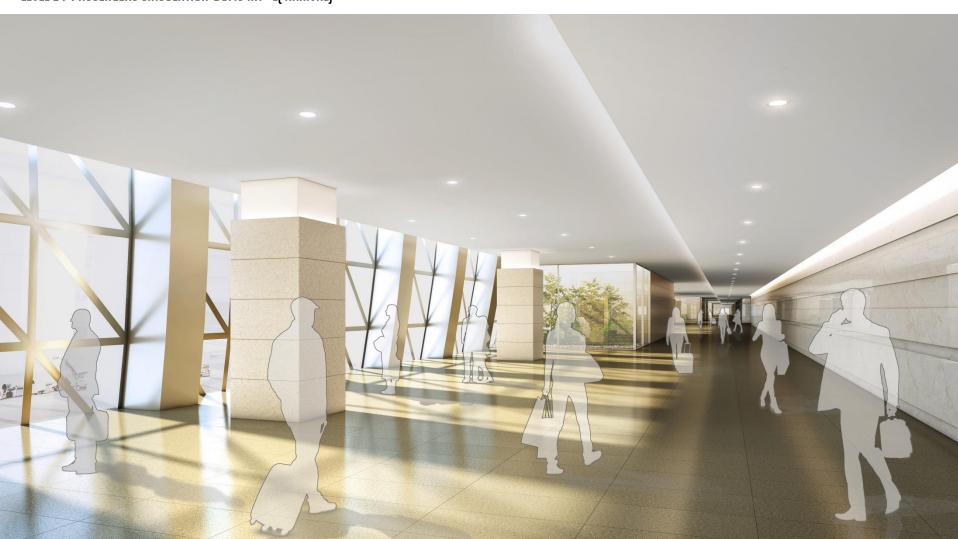
CLOSED/SMALL SPAC

LEVEL 2 : PASSENGERS CIRCULATION-DOM6 INT"L[ARRIVAL]



SIMFEROPOL INTERNATIONAL AIRPORT

LEVEL 2: PASSENGERS CIRCULATION-DOM& INT"L(ARRIVAL)



SIMFEROPOL INTERNATIONAL AIRPORT

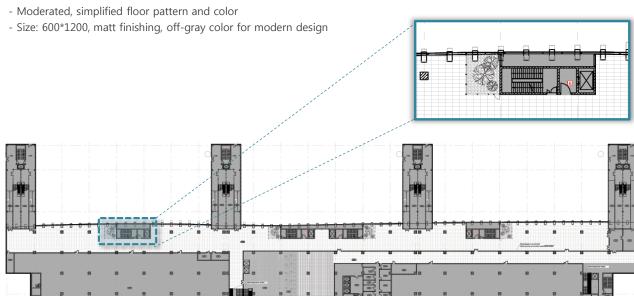
LEVEL 2: PASSENGERS CIRCULATION

FLOOR







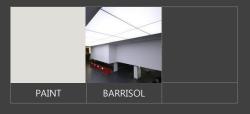


SIMFEROPOL INTERNATIONAL AIRPORT

LEVEL 2: PASSENGERS CIRCULATION

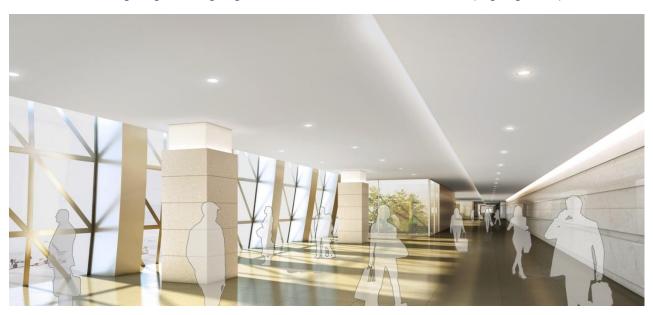
CEILING







- The first space when passenger enter the country. The moderated design with soft and comfortable atmosphere.
- Warm and soft ceiling using indirect lighting with the same direction of human traffic and up-lighting of the pillars



SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 2: PASSENGERS CIRCULATION

WALL



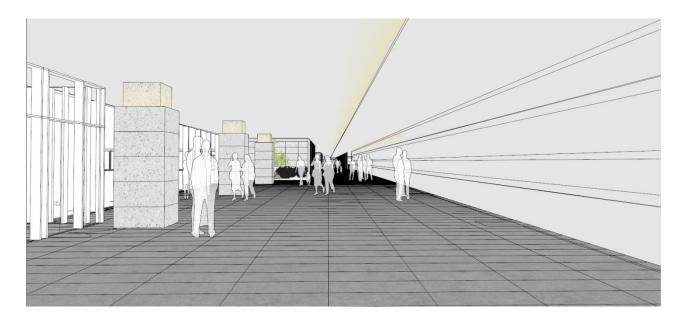
MATERIAL







- Arrival/Check-in Lounge: For unity of design, the same slab pattern applied to the wall.



SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 2: PASSENGERS CIRCULATION

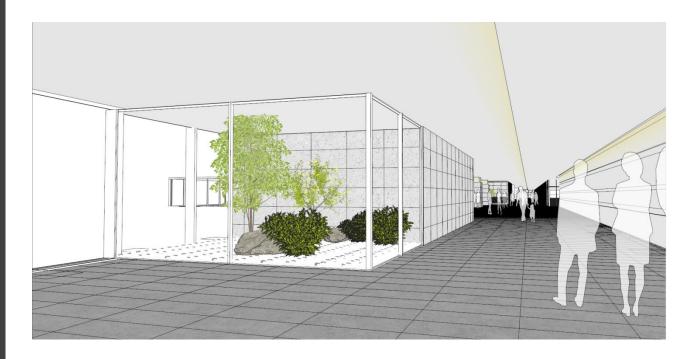
WALL





- Plating with natural lighting in the dead space of the core





LEVEL 2: PASSENGERS CIRCULATION-DOM6 INT"L(ARRIVAL)

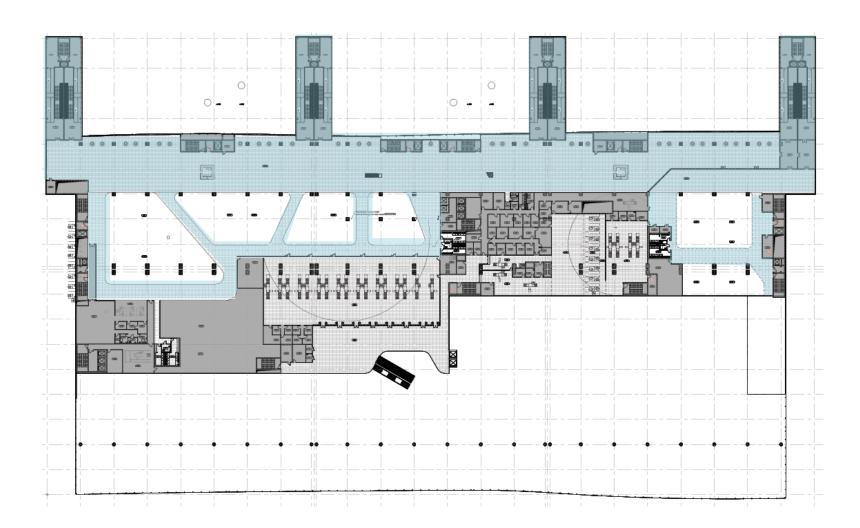


Departure Lounge

LEVEL 3: Departure Lounge

CLOSED/SMALL SPAC

LEVEL 3: DEPARTURE LOUNGE

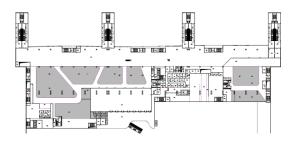




FLOOR



- Island-type of shops in duty free and commercial space(a path naturally connects to the departure lounge)
- Each corners are in curved shape for smooth human traffic







FLOOR MATERIAL & REMOVAL PLANT









- Wooden tiles for an eco-friendly image
- Relaxing and calm waiting area with movable planting and furniture resembling nature

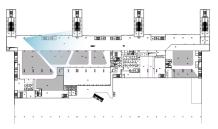


RETAIL/COMMERCIAL





- Island-type of commercial space induces smooth human flow

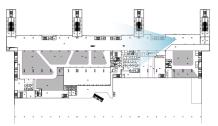


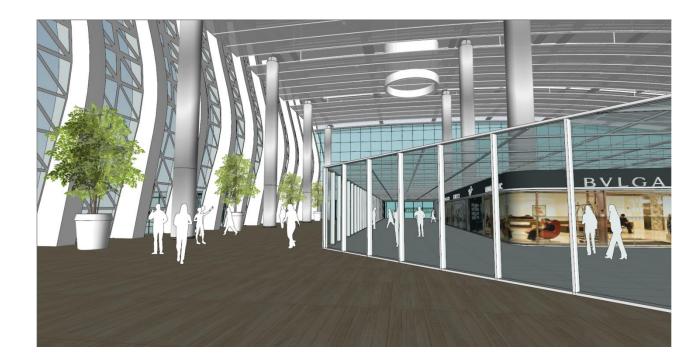


DUTY FREE ZONE



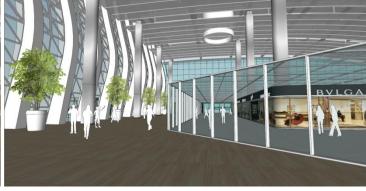
- International departure lounge has secondary ceiling finish to divide the space. The mesh-type ceiling finish also allows to see the contractual interior part of ceiling.









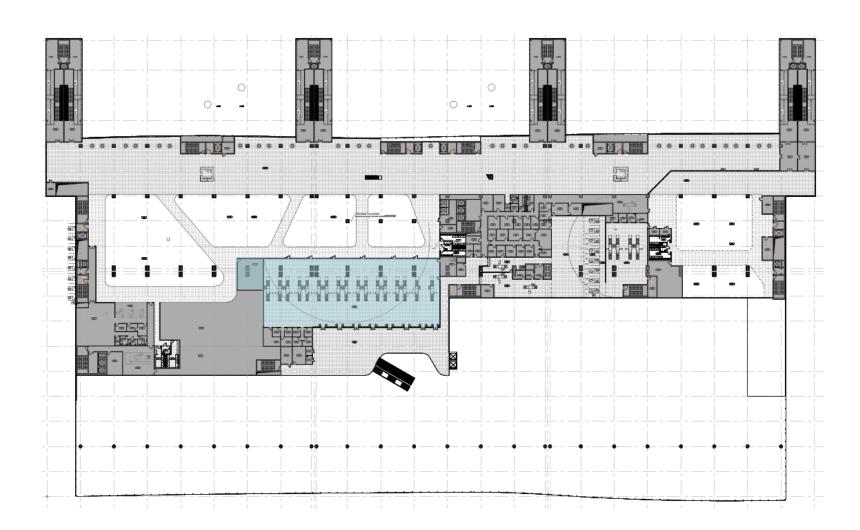


OPEN/LARGE SPACE

Departure Lounge

LEVEL 3: CHECK POINTS (X-RAY)

CLOSED/SMALL SPAC





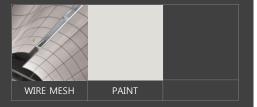
SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 3: CHECK POINTS (X-RAY)

FLOOR & CEILING



MATERIAL





- Unify the wooden floor tile of level 3 and x-ray security to connect each space
- Open the ceiling with a large hole for a clear and unhampered impression(harmony with round-shape of commercial space)



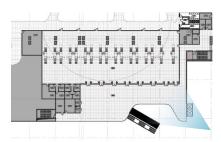
SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 3: CHECK POINTS (X-RAY)

ENTRY & WATER SPACE





- Same wood pattern tile that used in departure lounge applied for the corridor(extension of floor finishing)
- Installing waterfall on the 2^{nd} floor wall stimulates people's sight, touch and hearing



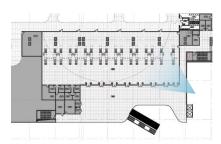


SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 3 : CHECK POINTS (X-RAY)

WALL & PILLAR



- The round pattern used on the first floor applies to the ceiling of 3rd floor
- The vertical pillars are exposed to maximize the height and the scale of the space(up-lightings are installed in the pillars)











PART1: SPACE DESIGN

DESIGN PART1 • •





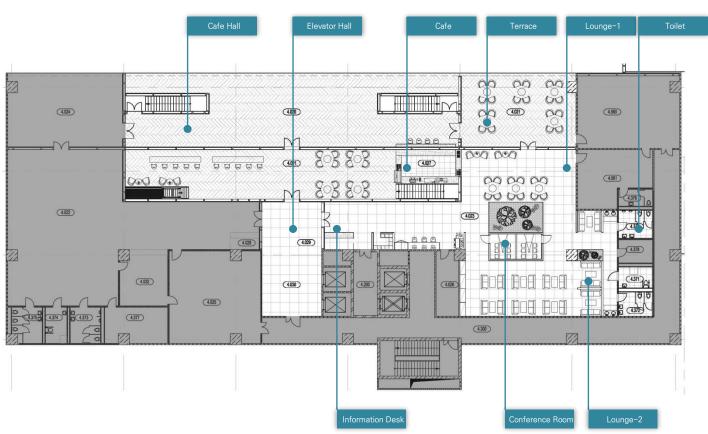




CLOSED/SMALL SPACE
BUSINESS LOUNGE
BUSINESS LOUNGE
BUSINESS LOUNGE

LEVEL 4: BUSINESS LOUNGE







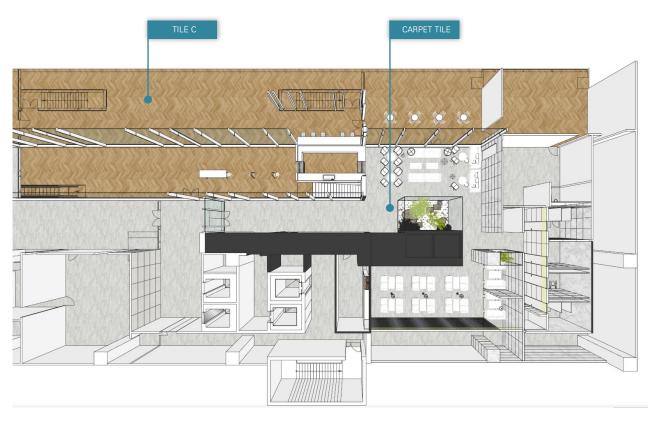
SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 4: BUSINESS LOUNGE

FLOOR





- Create the green area in the center(produce natural atmosphere and efficient spare space)
- By setting the corridor in front of the toilet, it increases the space efficiency and privacy



SIMFEROPOL INTERNATIONAL AIRPORT

LEVEL 4: BUSINESS LOUNGE

CEILING



MATERIAL



- The spider glass of the ceiling gives open and expanded look





SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 4: BUSINESS LOUNGE

IMAGE





- The cafeteria has two counters so both inside and outside customers can use (increase the convenience of users)
- Carpet tiles with natural patterns(reduce the noise)





SIMFEROPOL INTERNATIONAL AIRPORT

LEVEL 4: BUSINESS LOUNGE

IMAGE



- Transparent spider glass has used in the ceiling so the ceiling construction can be see through
- It helps the space look high and massive





SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 4: BUSINESS LOUNGE

IMAGE



- The green zone is located in the center This natural space gives calm and relaxing atmosphere





SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 4: BUSINESS LOUNGE

IMAGE



- A green art wall on the way to the toilet



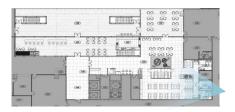


SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 4: BUSINESS LOUNGE

IMAGE



- The space looks expanded with the black mirror on one side
- Reduced the direct lighting
- The space looks warm and exclusive putting indirect lighting and floor stands









DPEN/LRRGE SPACE

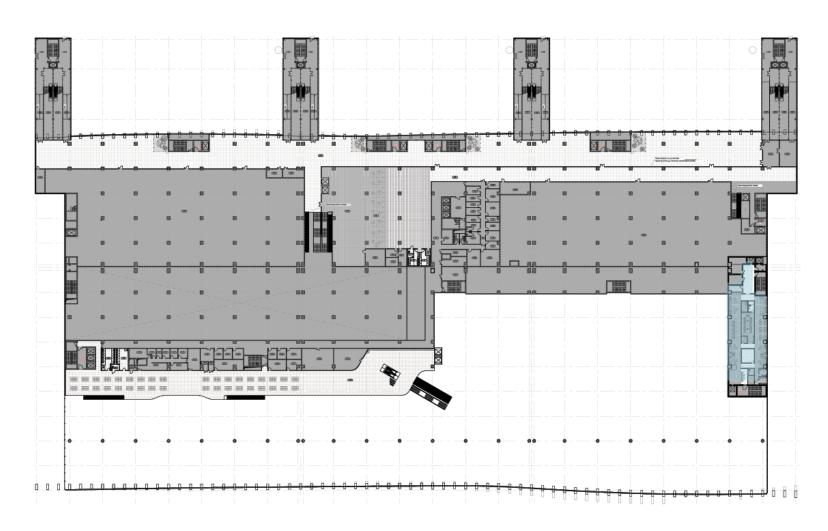
LEVEL 4:

VIP ZONE

CLOSED/SMALL SPACE

VIP ZONE

LEVEL 2: VIP







SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 2 : VIP

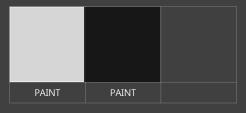
FLOOR & CEILING



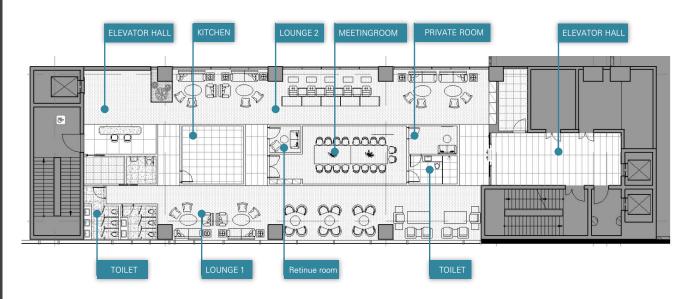
FLOOR MATERIAL



CEILING MATERIAL



- The kitchen and meeting room are located in the center.
- The upper and lower space with open view can be used as a lounge
- Highly efficient structure for utilization of space



SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 2 : VIP

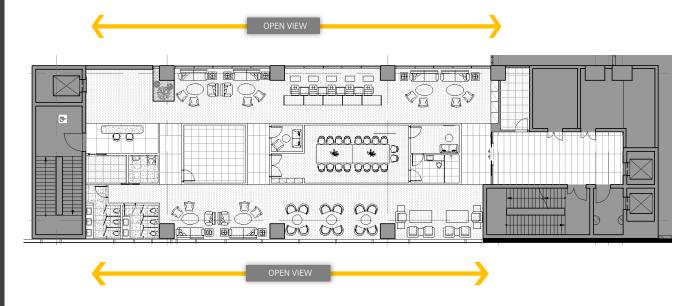
FLOOR



MATERIAL



- Upper lounge: Individual work or reading zone with PC, highly private
- Lower lounge: F/B and banquet hall, comfortable and casual space



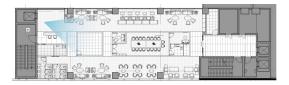


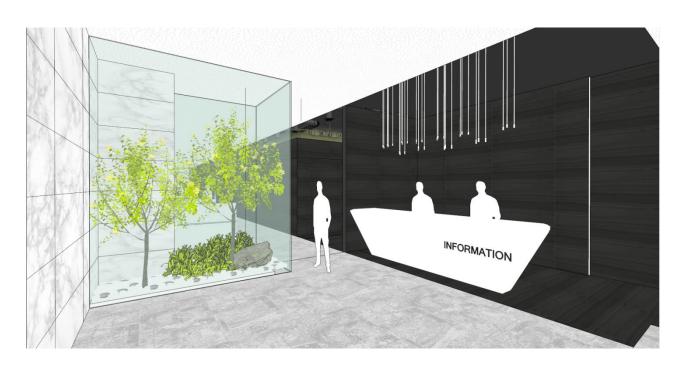
SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 2: VIP

ENTRY



- Natural planting in the entrance is both an art wall and a partition White colored pendants and counter give strong impression





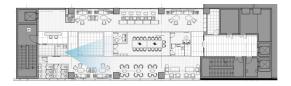
SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 2 : VIP

VIP LOUNGE





- Impressive ceiling design with black painted exposed ceiling and uplightings
- The side wall is like a gallery which improves the dignity of space (The paintings are not stick on the wall but hang from the ceiling rail to display them like an art gallery)





SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 2: VIP

VIP MEETING ROOM





- Modern look of meeting room Fancy pendants and luxurious furniture upgrades the dignity of space





LEVEL 2: VIP



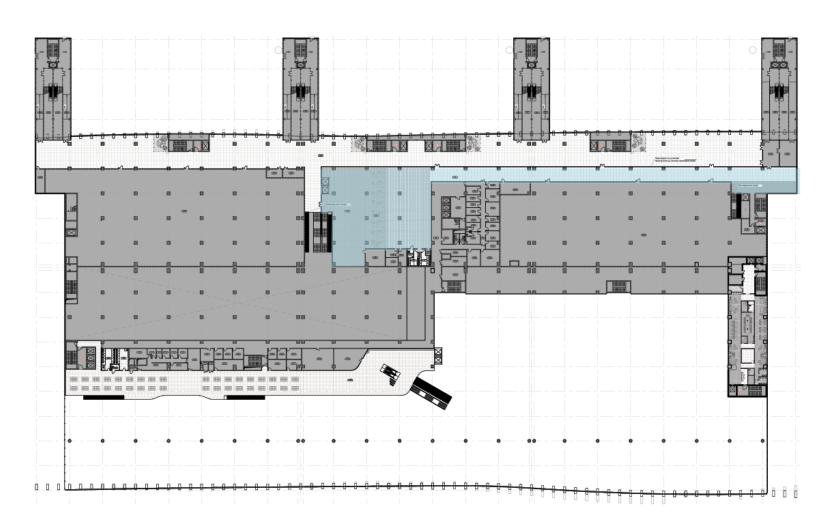


DPEN/LARGE SPACE

LEVEL 2:
CHECK POINTS
(PASSPORT CONTROL)

CHECK points
(passport control)

LEVEL 2: CHECK POINTS







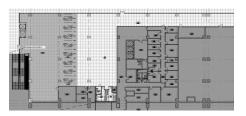
FLOOR

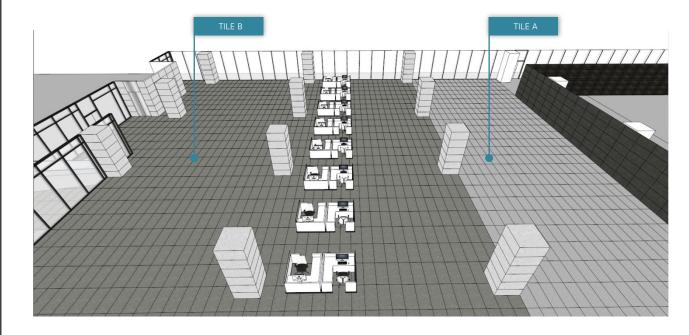


MATERIAL



- Two different floor tiles divide the space(waiting zone and moving line)



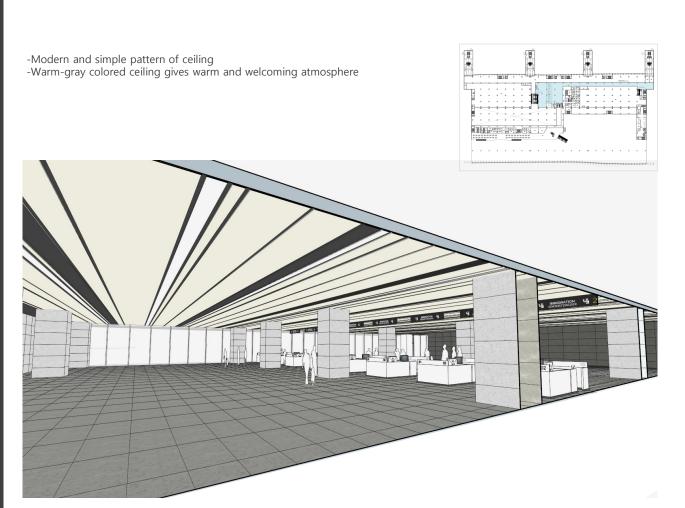


FLOOR



MATERIAL



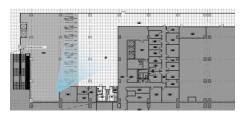


IMAGE





- The linear pattern of ceiling presents various spatial image depends on the view point

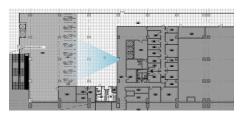




IMAGE



- Modern and contemporary signage design(Black and yellow color attract people's attention)





LEVEL 2 : CHECK POINTS

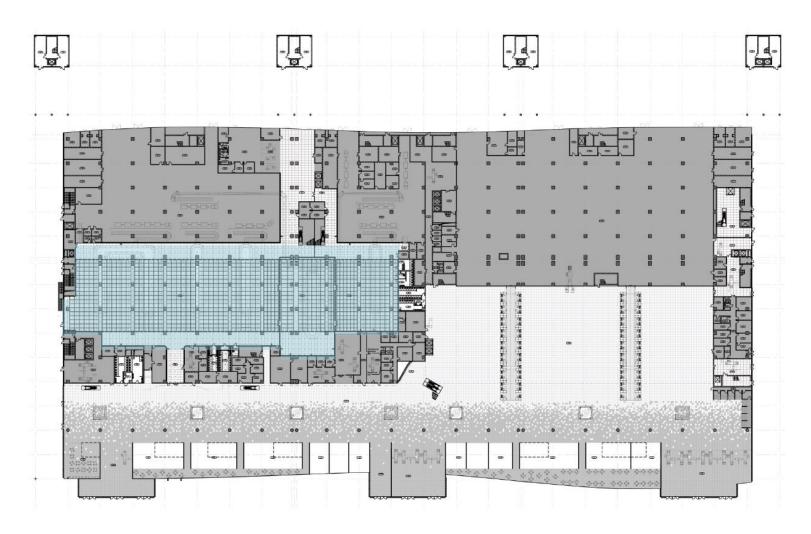


OPEN/LRRGE SPACE

LEVEL 1:
BAGGAGE CLAIM

Baggage claim

LEVEL 1: BAGGAGE CLAIM

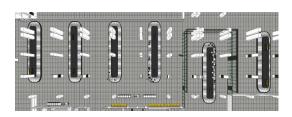




FLOOR

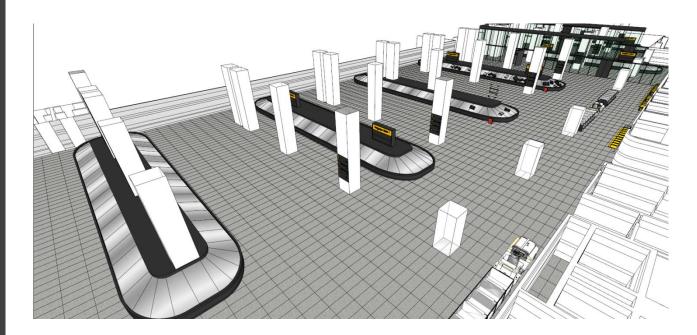


- The floor tile of Arrival/Check-in lounge continues to the inside to connect their space naturally



MATERIAL





CEILING



MATERIAL



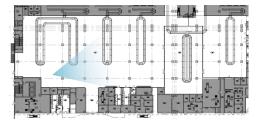
- Ceiling patterns show calm the surging waves of the Black Sea

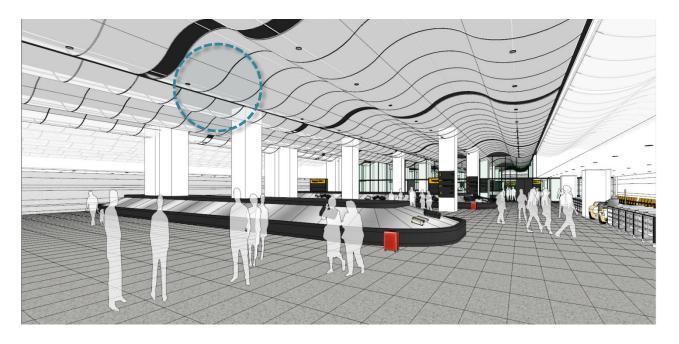


IMAGE



- Strong design on the ceiling (Simplifying the floor pattern on the contrary / impact on the ceiling) $\,$
- Reduce the noise using panels with holes on the curve ceiling





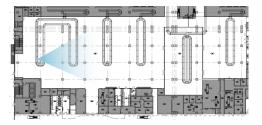
WALL



IMAGE



- The space looks bigger and extended installing reflective silver mirror on the side wall(extension of ceiling pattern)





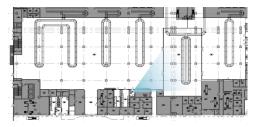
CEILING

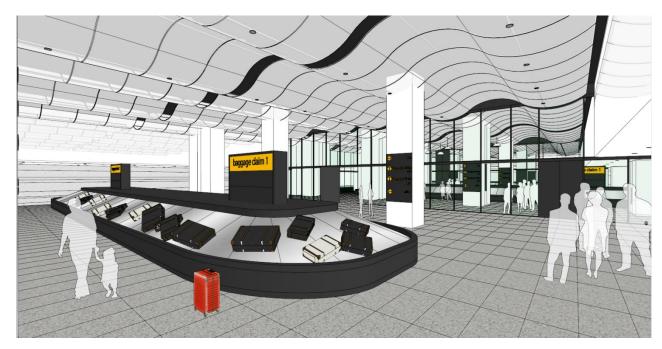


IMAGE



- Black colored frame gives classy and sophisticated look





LEVEL 1: BAGGAGE CLAIM



OPEN/LARGE SPACE

LEVEL:

WC AREA

WC area

WC AREA _ LEVEL1



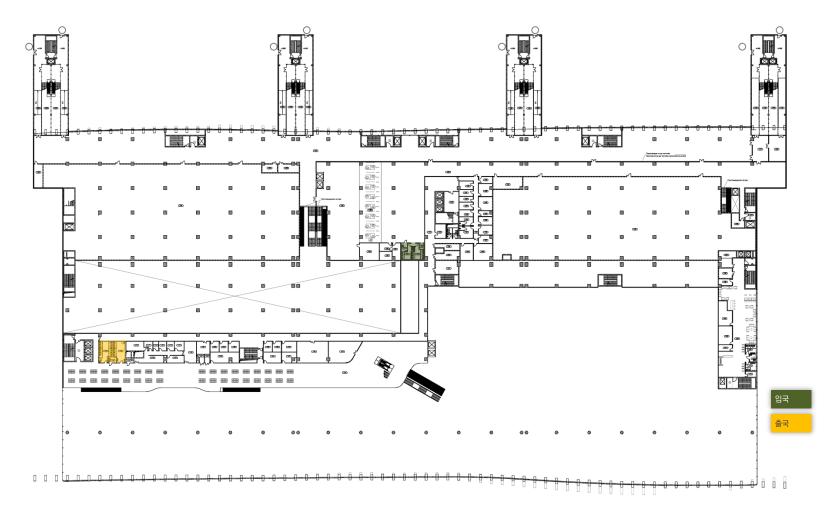




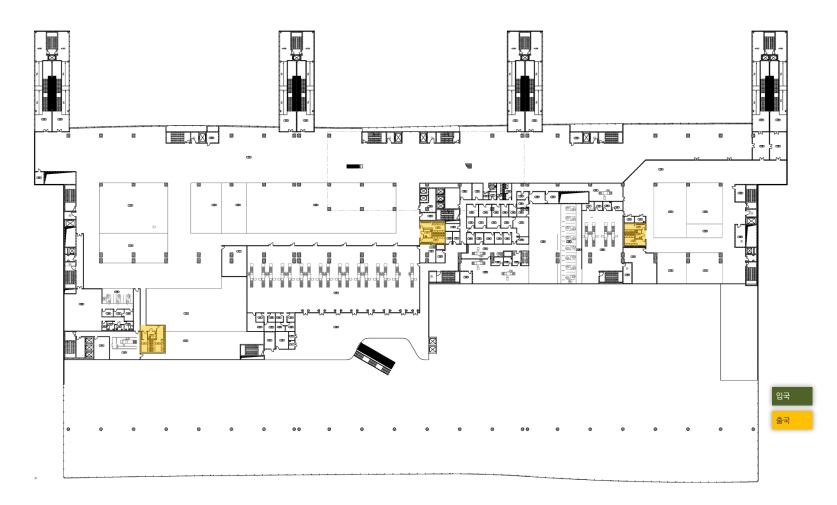




WC AREA _ LEVEL1



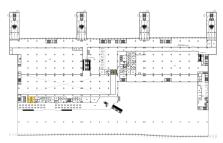
WC AREA _ LEVEL1

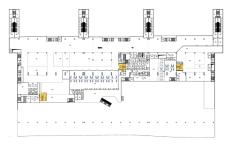


SIMFEROPOL INTERNATIONAL AIRPORT

WC AREA _ ANALYSIS









Applicable to 3 toilets: relatively small number of toilets

- Tired users due to a long distance travel
- Tone down the colors rather than using primary colors to reduce eye fatigue
- Soft and calm interior with indirect lighting
- Witty space with interesting visuals



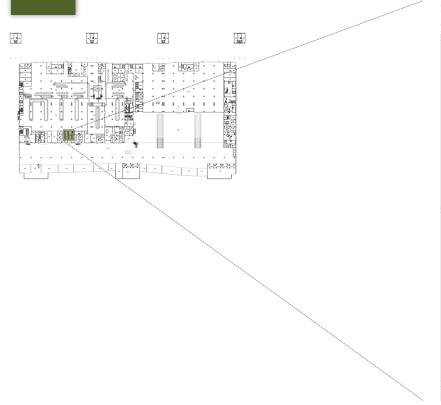
Relatively large number of toilets: each floor has different purpose and frequency

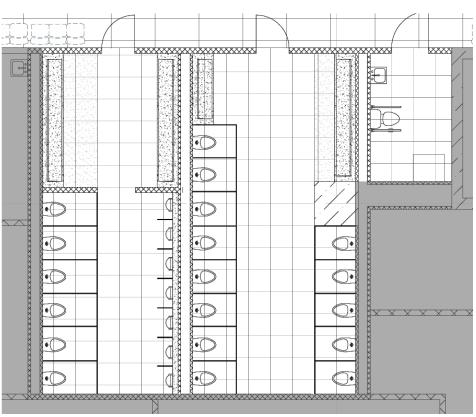
- Level 1: Mainly ticketing, high frequency of use by waiting people, people change their clothes and pack their luggage
- Level 2: Users from the commercial area, high frequency of staff, mainly washing their hands
- Level 3: People come before they get on the board

SIMFEROPOL INTERNATIONAL AIRPORT

WC AREA







SIMFEROPOL INTERNATIONAL AIRPORT

WC AREA

Entry

- The airport toilet where people coming after a flight: comfort, easy, fun, wit



- Silver mirror, extension of space - One solid washstand

- Silver mirror and indirect lightings

- Fun graphic image



IMAGE







- Create the spatial contrary with white and black on the left and right
 The washstand is one-piece of solid sink so the majority of people can use it simultaneously





IMAGE



- Users can check and adjust their dress through the silver mirror (It also expands the scale of space)





IMAGE



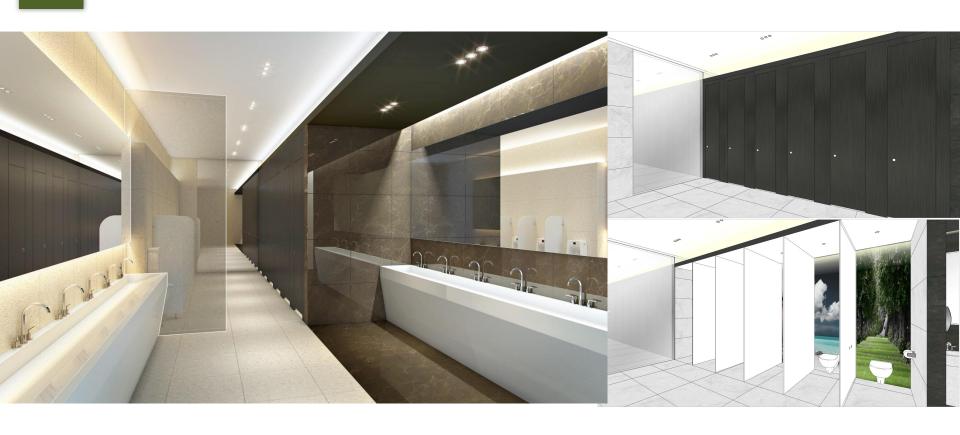
- The doors are black from outside but the inside of cubicles are in white on the contrary Install visual graphics to the back wall to increase user's interest





WC AREA

Entry

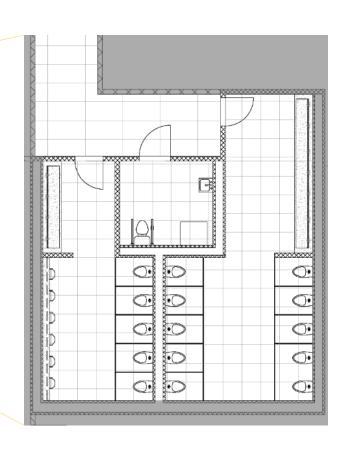


SIMFEROPOL INTERNATIONAL AIRPORT

WC AREA







SIMFEROPOL INTERNATIONAL AIRPORT

WC AREA

Departure

- The number of passengers crowded to use the toilet: same module with strong visual point in the ceiling, each toilet has a different theme





IMAGE





- Wood grill in the ceiling as a strong visual impact(moderated the design of the walls and floors to emphasize the ceiling)
 Install silver mirror so the space look expanded



IMAGE



- The doors are white from outside but the inside of cubicles are in black on the contrary
 - Linear illumination effect using indirect lighting inside of cubicle

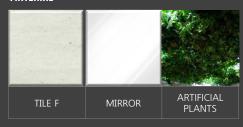




IMAGE



MATERIAL



- Create a toilet in the forest with artificial landscape in the ceiling to bring peacefulness



IMAGE



MATERIAL



- More modern and stylish toilet with black wave pattern in the ceiling



IMAGE



MATERIAL



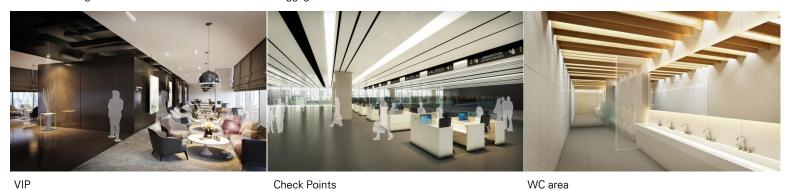
- Aluminium panel with holes under the ceiling light(modern and futuristic design)





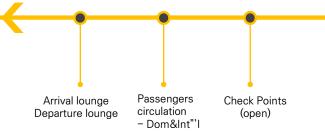
DESIGN PART2

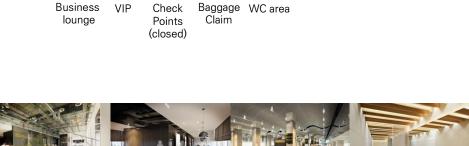




Check Points WC area

SIMFEROPOL INTERNATIONAL AIRPORT DESIGN STRATEGY







Open/large space Integration design

DESIGN PART2

Closed/small space
Distinct and separated design

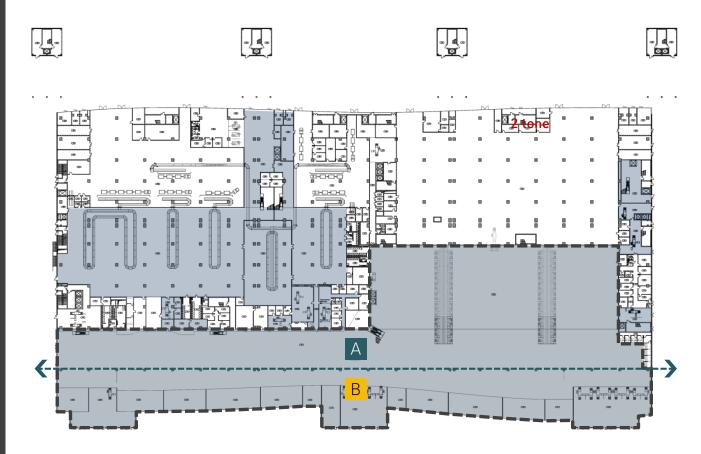




SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 1 _ FLOOR PATTERN



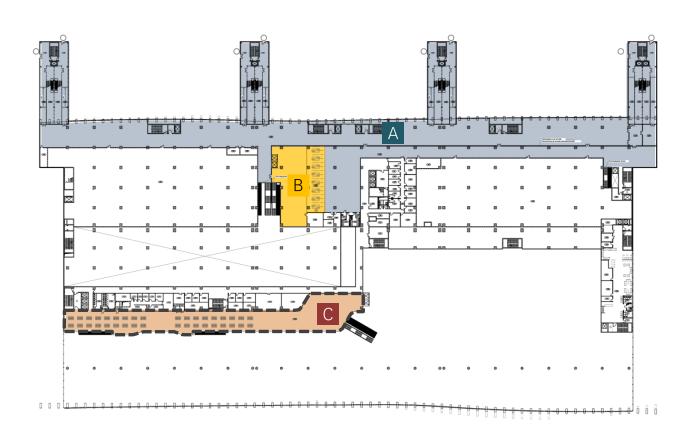




SIMFEROPOL INTERNATIONAL AIRPORT LEVEL2_FLOOR PATTERN





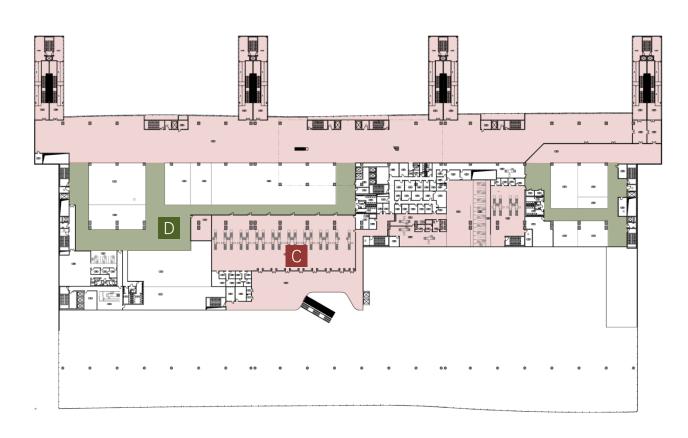


SIMFEROPOL INTERNATIONAL AIRPORT LEVEL3_FLOOR PATTERN









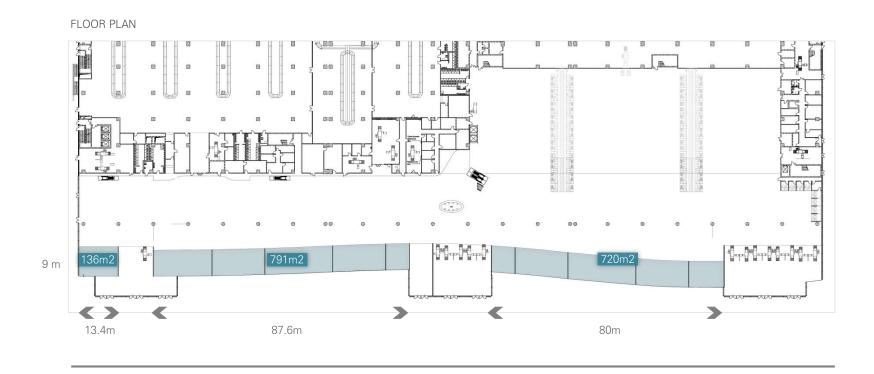
SIMFEROPOL INTERNATIONAL AIRPORT FLOOR MATERIAL

LEVEL1 LEVEL2 LEVEL3

- A good durable floor tiles should be selected for Level 1,2,3 $\,$



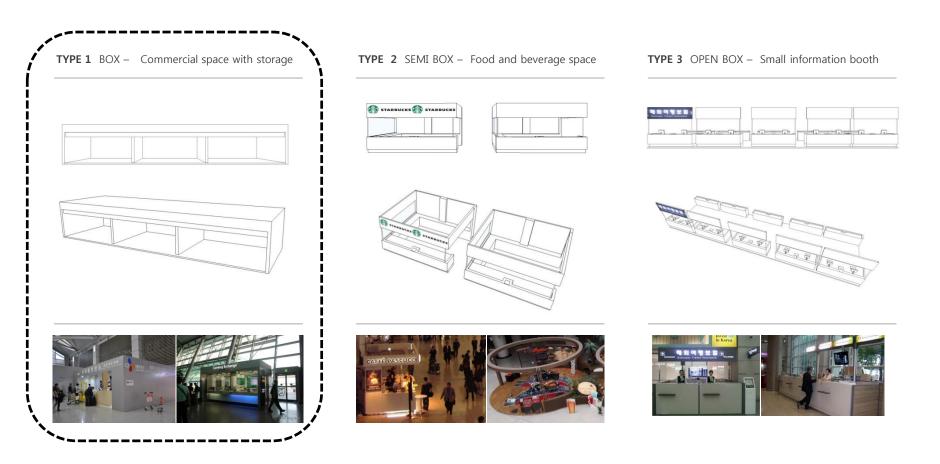
LEVEL 1: RETAIL / COMMERCIAL DESIGN



RETAIL / COMMERCIAL REQUIREMENTS:

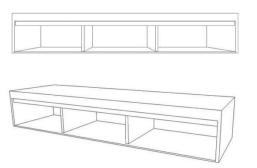
- Commercial space in front of the curtain wall/ The size is fixed(non-changeable)
- Not just a small take-out shop but active commercial space with counter and kitchen where food and beverage sales make high profit

LEVEL 1: RETAIL / COMMERCIAL TYPE



LEVEL 1: RETAIL / COMMERCIAL TYPE

TYPE 1 BOX - Commercial space with storage





Pros

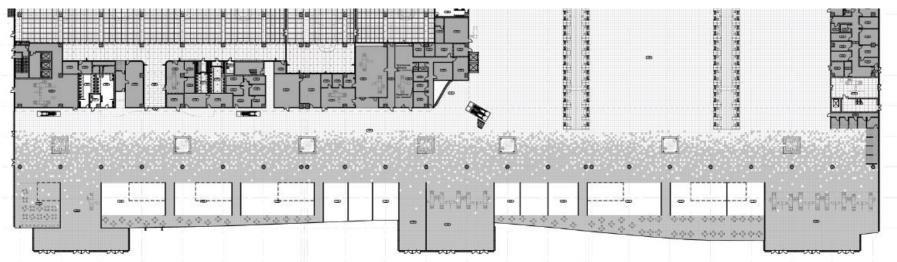
- Spatial stability
- Unity of signs in front of booth
- Easy to install direct lighting

Cons

- The box form overlaps with the architectural form

LEVEL 1: RETAIL / COMMERCIAL DESIGN

FLOOR PLAN



- 1 / There is a distance between the curtain wall and commercial space: spatial margin
- 2/ Putting the booth in a row brings high recognition of the commercial space
- 3/ Small distance: General commercial stores such as bookstore, pharmacy, currency exchange, roaming and information center
- Big distance: Food and beverage space with kitchen where requires large storage space and air-conditioning

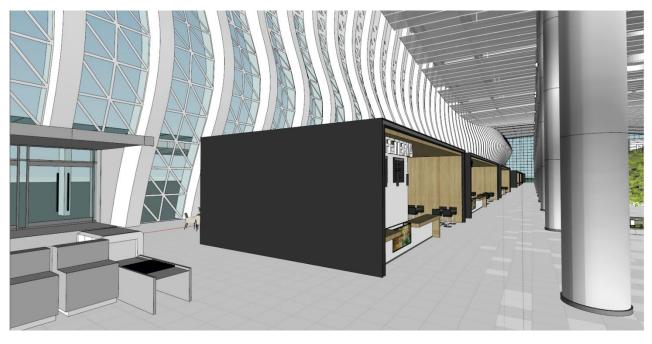
SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 1 : RETAIL / COMMERCIAL DESIGN

IMAGE



- Putting the booth in a row brings high recognition



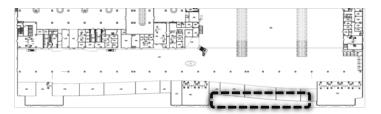


SIMFEROPOL INTERNATIONAL AIRPORT LEVEL 1 : RETAIL / COMMERCIAL DESIGN

IMAGE



- Spatial margin: The box-type of commercial space does not touch the curtain wall







DEPARTURE AND ARRIVAL LOUNGES LEVEL 1



A INFORMATION COUNTER



B GREEN AREA



VERTICAL GARDEN



| WATER SPACE



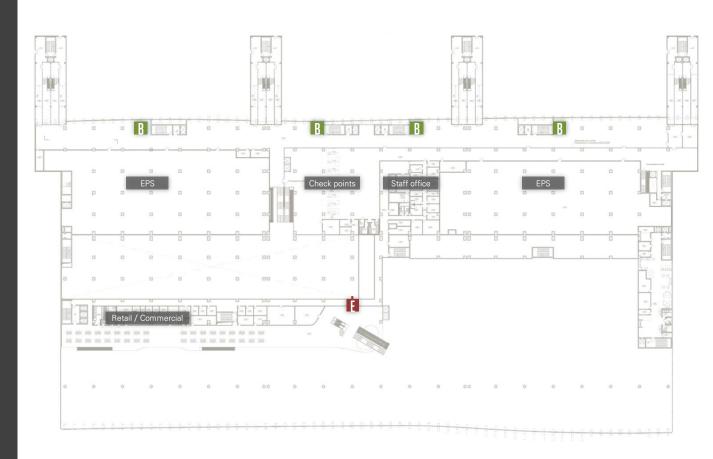
DEPARTURE AND ARRIVAL LOUNGES LEVEL 2



B GREEN AREA



WATER SPACE



DEPARTURE AND ARRIVAL LOUNGES LEVEL 3



A INFORMATION COUNTER

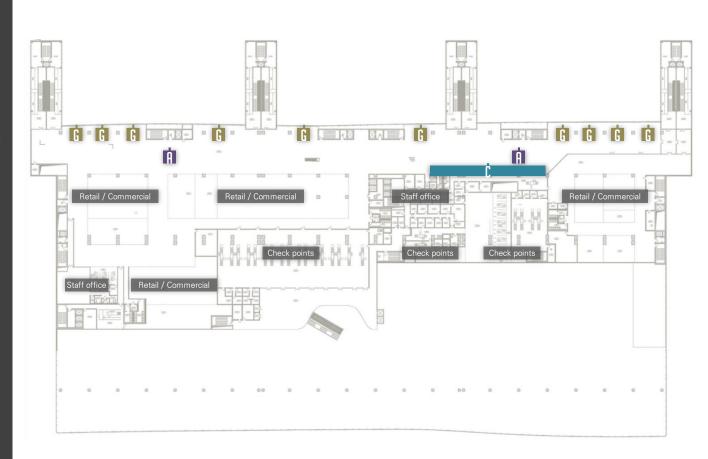


VERTICAL GARDEN



REMOVABLE LANDSCAPE





INDOOR GARDENING DESIGN





Reference: http://www.forestcity.co.kr/new/main/main.php

ENERGY - SAVING EFFECT

GOING TO WORK ON BUILDING PROTECTION

EFFECT ON INDOOR AIR PURIFICATION

NOISE REDUCTION

Effect of energy saving

Effect of lowering the temperature Protect the building reducing the temperature difference between the inside and outside of the building

Create comfortable space with clean oxygen as the plants absorbed carbon dioxide

Effect of noise reduction

INDOOR GARDENING DESIGN



Reference: http://www.forestcity.co.kr/new/main/main.php

STEEL PIPE D 50X50M/M - P.V.C PANNEL 8T

DRIP WATERING 16mm

MAIN WATERING 25mm

ECO PLANTER

PLANT

Mock marble

Mock marble + artificial planting

Natural planting

Natural planting installation

