

Climate change

Devastating effects could be felt within 15 years

New York - The risks of unchecked carbon emissions are even greater than previously realized, according to a new study published in a leading science journal. Researchers who analyzed the results of 120 climate models found that the world is likely to experience a 1.5 degree Celsius increase in global temperatures by the end of the century.

Please note that queues are longer due to crowd and staff shortages
Thank you for understanding
Schiphol

PANDEMIC

WARNING SIGNS

Flight mode helps educate plane enthusiasts who want to learn more about aviation, by utilising knowledge workers that have been forced out of the industry due to climate change and creating an immersive aviation experience for the community.

DEPARTURE	ARRIVAL	DEPARTURE
12:00 KLM KL1	12:00 KLM KL1	12:00 KLM KL1
12:05 KLM KL2	12:05 KLM KL2	12:05 KLM KL2
12:10 KLM KL3	12:10 KLM KL3	12:10 KLM KL3
12:15 KLM KL4	12:15 KLM KL4	12:15 KLM KL4
12:20 KLM KL5	12:20 KLM KL5	12:20 KLM KL5
12:25 KLM KL6	12:25 KLM KL6	12:25 KLM KL6
12:30 KLM KL7	12:30 KLM KL7	12:30 KLM KL7
12:35 KLM KL8	12:35 KLM KL8	12:35 KLM KL8
12:40 KLM KL9	12:40 KLM KL9	12:40 KLM KL9
12:45 KLM KL10	12:45 KLM KL10	12:45 KLM KL10
12:50 KLM KL11	12:50 KLM KL11	12:50 KLM KL11
12:55 KLM KL12	12:55 KLM KL12	12:55 KLM KL12
13:00 KLM KL13	13:00 KLM KL13	13:00 KLM KL13
13:05 KLM KL14	13:05 KLM KL14	13:05 KLM KL14
13:10 KLM KL15	13:10 KLM KL15	13:10 KLM KL15
13:15 KLM KL16	13:15 KLM KL16	13:15 KLM KL16
13:20 KLM KL17	13:20 KLM KL17	13:20 KLM KL17
13:25 KLM KL18	13:25 KLM KL18	13:25 KLM KL18
13:30 KLM KL19	13:30 KLM KL19	13:30 KLM KL19
13:35 KLM KL20	13:35 KLM KL20	13:35 KLM KL20
13:40 KLM KL21	13:40 KLM KL21	13:40 KLM KL21
13:45 KLM KL22	13:45 KLM KL22	13:45 KLM KL22
13:50 KLM KL23	13:50 KLM KL23	13:50 KLM KL23
13:55 KLM KL24	13:55 KLM KL24	13:55 KLM KL24
14:00 KLM KL25	14:00 KLM KL25	14:00 KLM KL25

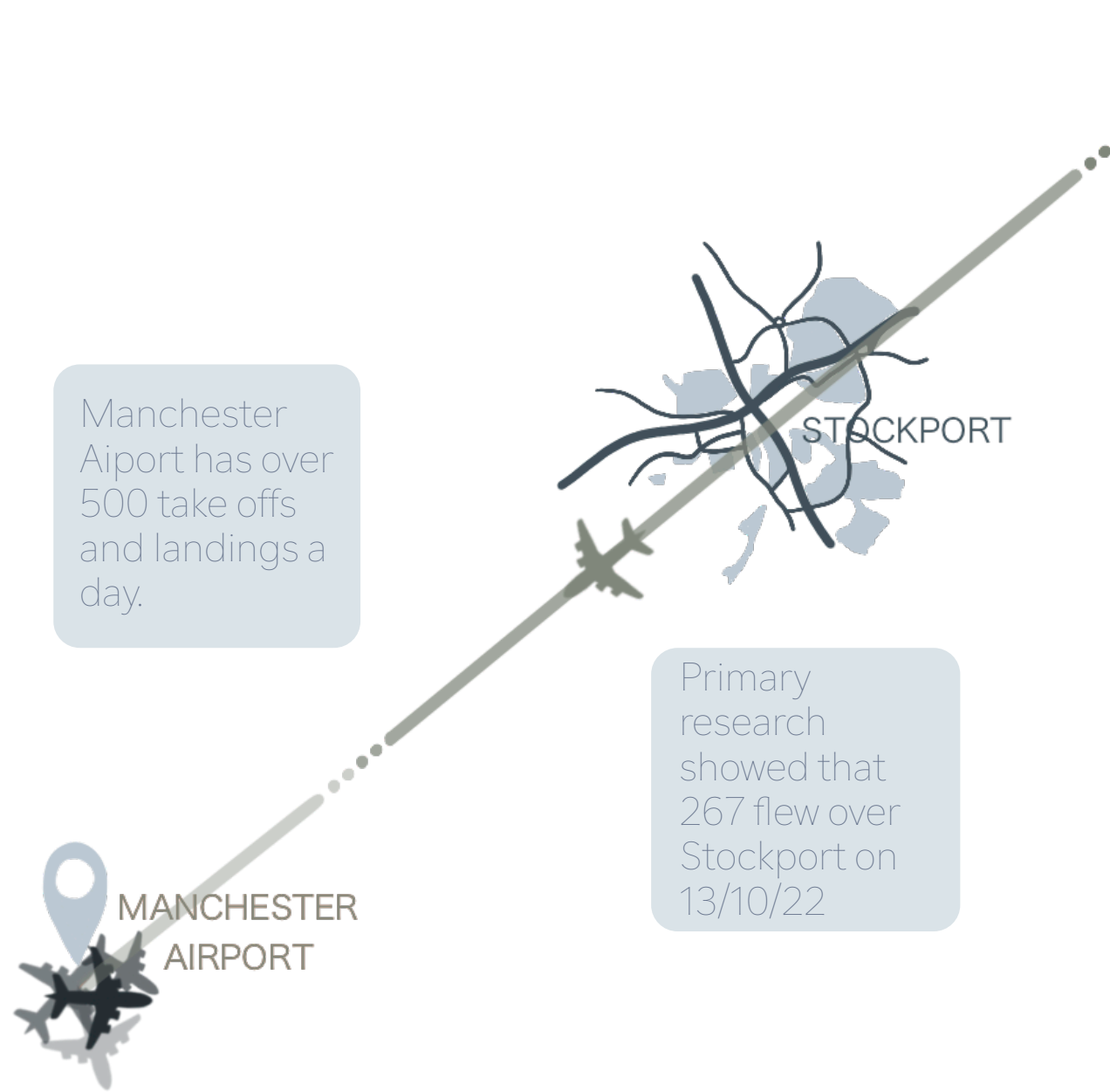
HIGH DEMAND HIGH CO2 EMISSIONS

2022

FLIGHT MODE



CURRENT SCENARIO



PROBLEM

Stockport is under the flight path of over 200 planes, travelling to and from Manchester Airport each day. Flying is one of the most carbon-intensive ways to travel, and contributes to a large part of climate change. As this problem worsens, the future of travel becomes more and more unpredictable.

PROCESS

Research included multiple site visits to Stockport where planes were photographed flying overhead, an examination of how the pandemic affected air travel, and an investigation into climate change. Although air traffic decreased by 80% during the early pandemic, CO₂ in the atmosphere continued to increase. Based on this information, it can be concluded that without a permanent solution to fix high emissions in the industry, it may not be possible to reverse the damage already done.

PROPOSAL

The proposed idea is an immersive museum space, that aims to educate Stockport's community about the history of aviation. It will employ knowledge workers from the aviation industry, who lost their job due to the effects of climate change. These future workers will utilise their skills and expertise to provide an exclusive experience.

PROTAGONISTS

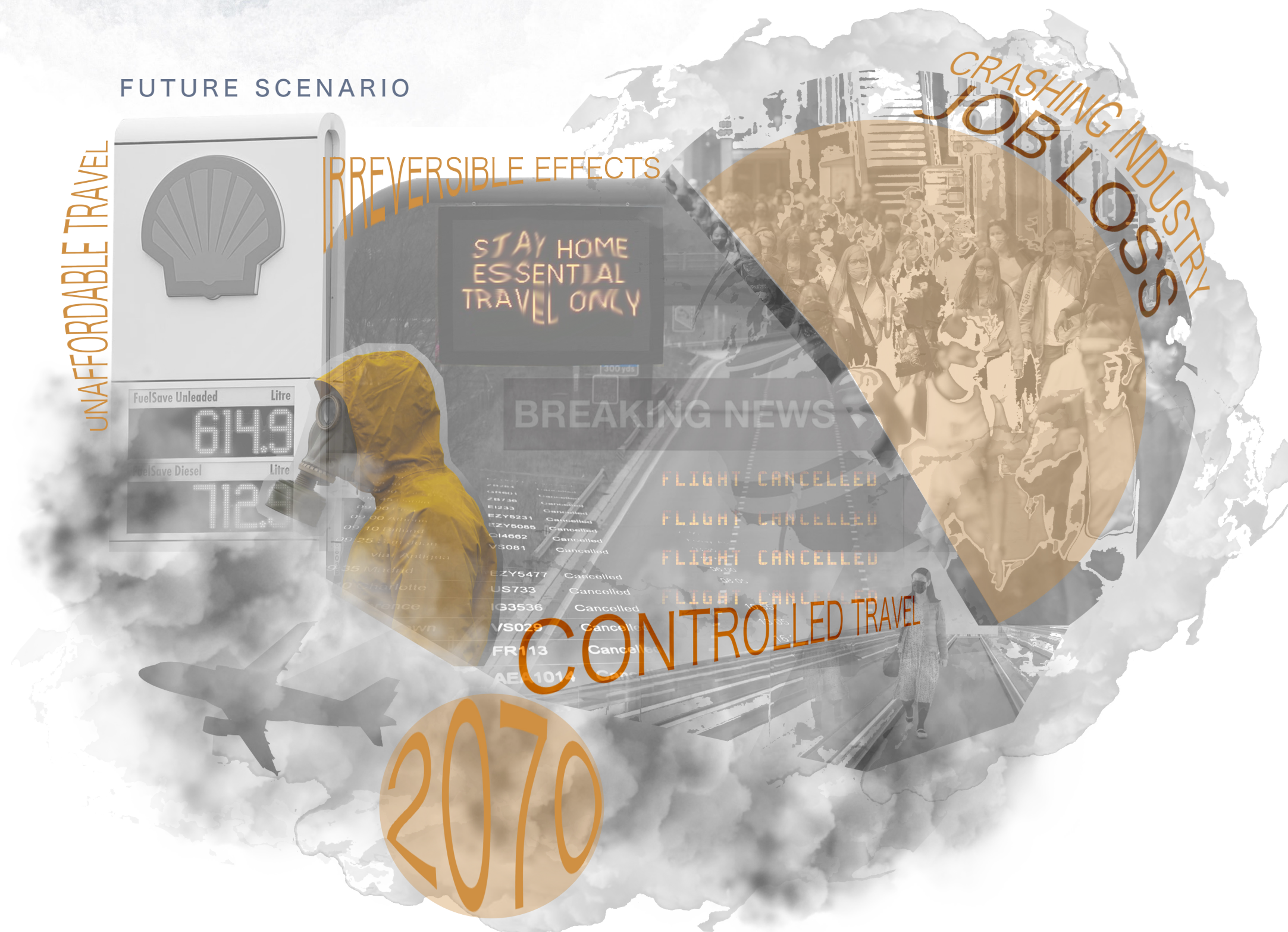


Katie is 21 years old, living in Stockport and studying to become a pilot. It's 2052, and she's in her third year of study, but she will most likely not continue on to be a pilot. As a result of climate change's impact on the aviation industry, mass job losses are predicted in the coming years. Katie is upset that she cannot pursue her passion and worries that her skills will be wasted.

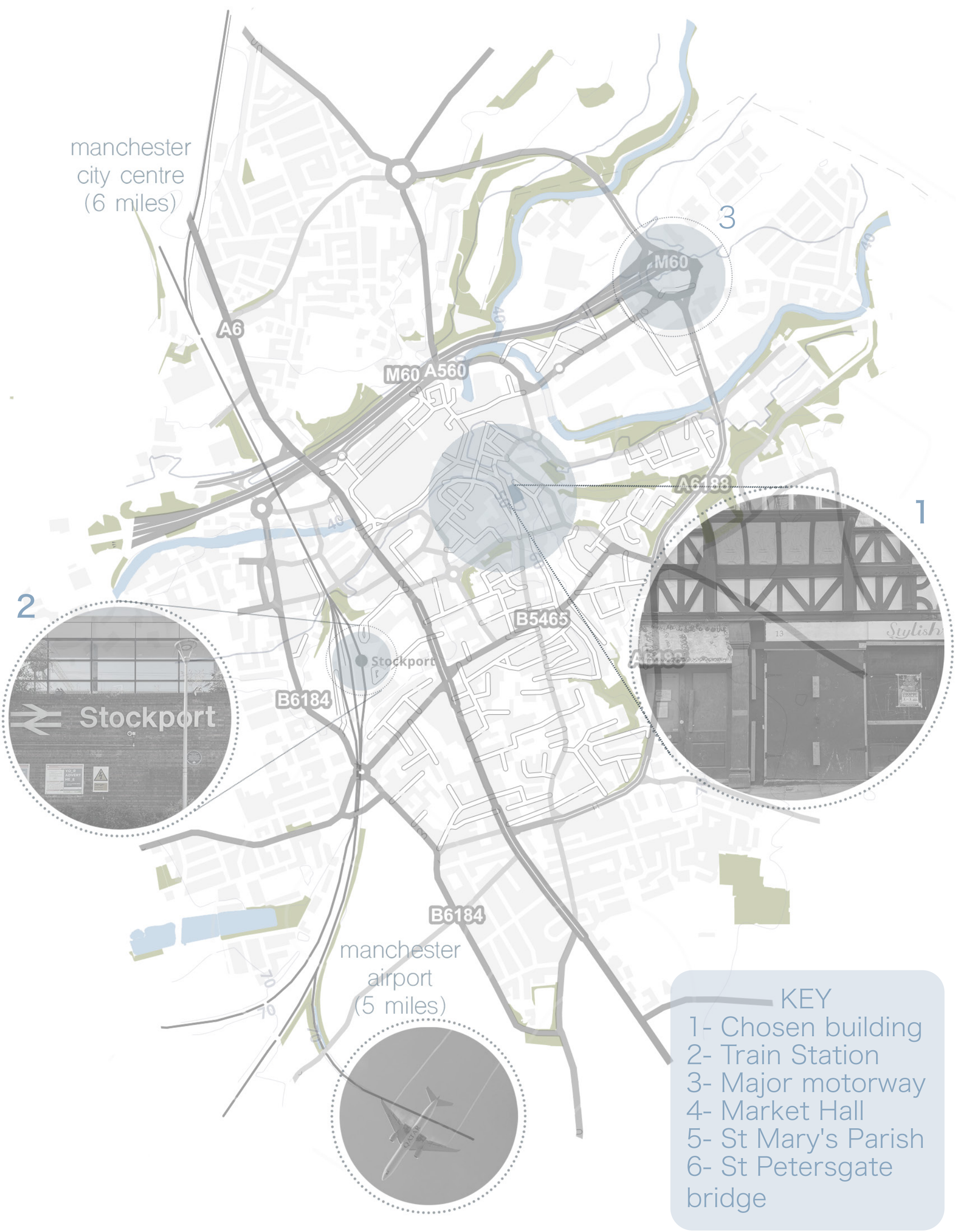


Also living in Stockport, Joe, 38, works at Manchester Airport as an aeronautical engineer. As Joe works in the aviation industry, he may also lose his job. Furthermore, the predicted widespread impact on travel may prevent him from finding another job in engineering. If he loses his job, he is concerned about not being able to afford a number of financial obligations.

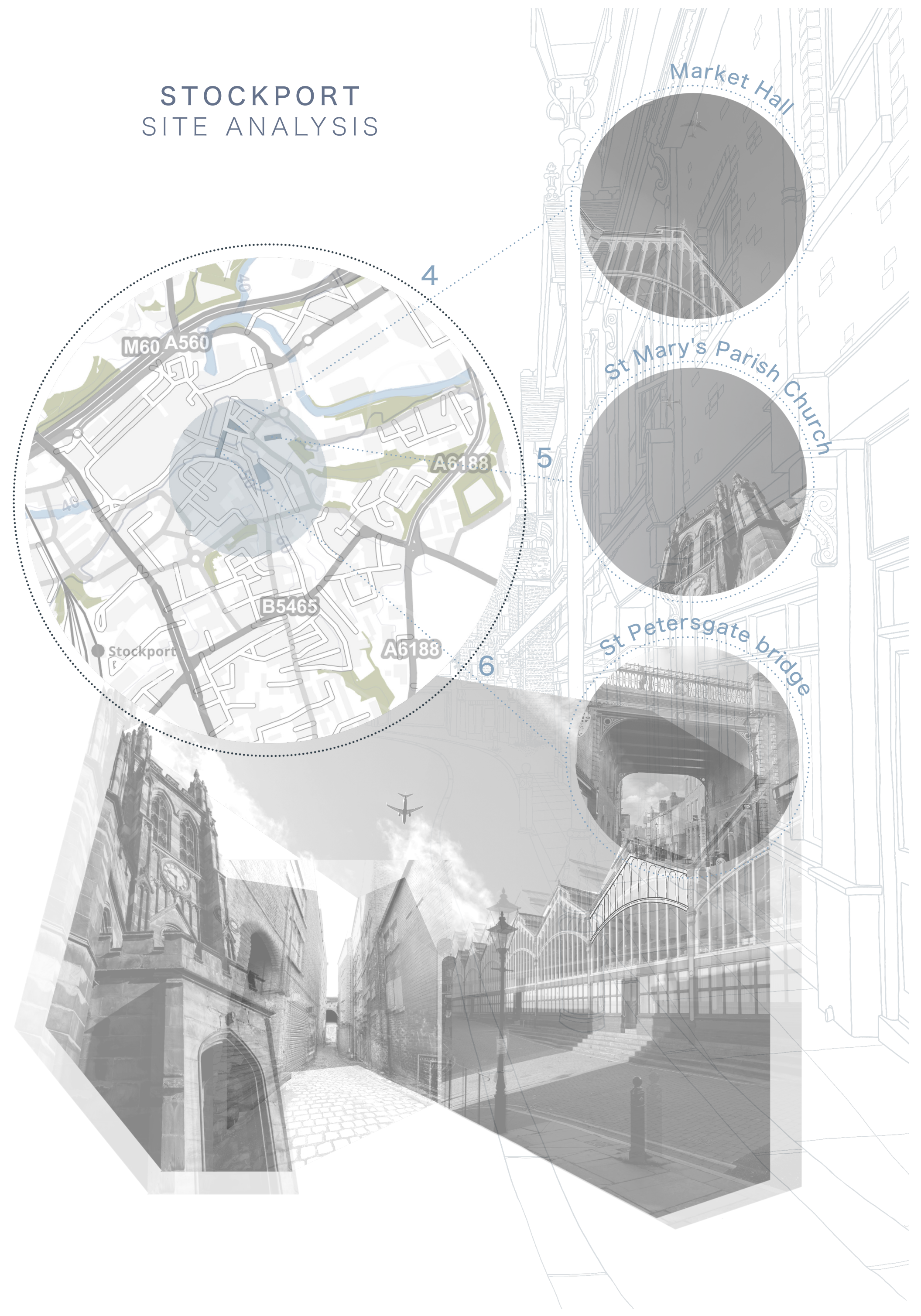
FUTURE SCENARIO



STOCKPORT SITE ANALYSIS



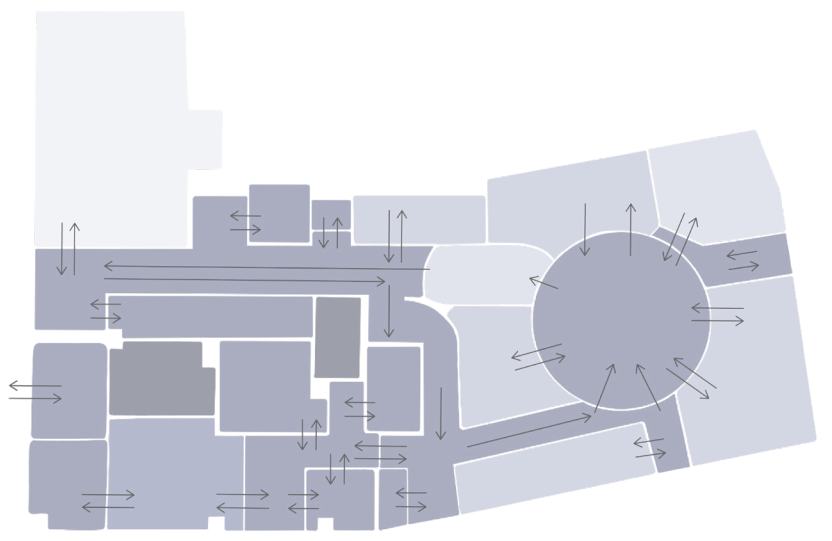
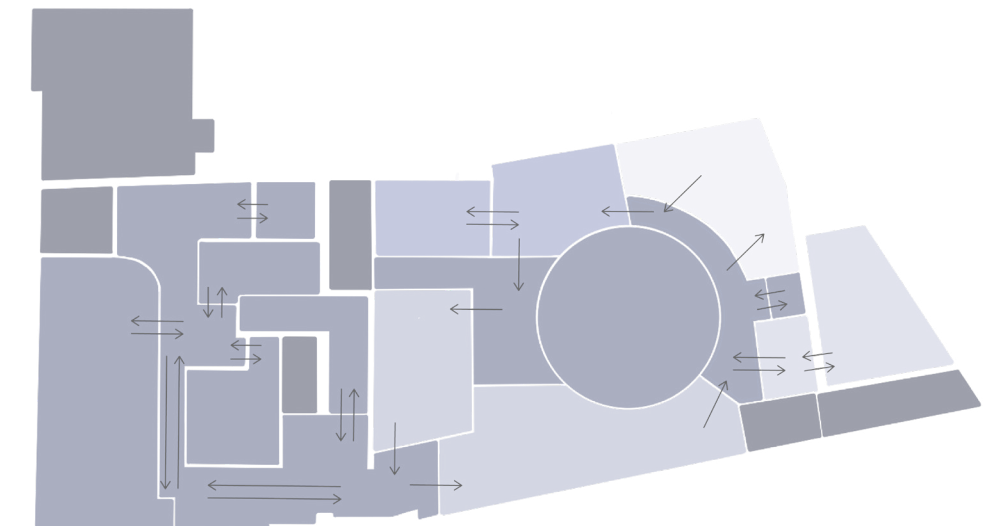
- KEY**
- 1- Chosen building
 - 2- Train Station
 - 3- Major motorway
 - 4- Market Hall
 - 5- St Mary's Parish
 - 6- St Petersgate bridge



NAVIGATION OF AN AIRPORT



- 1 **ARRIVE AT AIRPORT**
3 HOURS BEFORE DEPARTURE
- 2 **CHECK IN**
GATHER FLIGHT INFORMATION, BOARDING PASS
- 3 **BAGGAGE DROP**
WEIGH AND DROP OFF CHECKED BAGS
- 4 **SECURITY**
MANDATORY SAFETY CHECKS ARE DONE
- 5 **WAITING TIME**
COULD FILL TIME WITH DUTY FREE, FOOD OR RELAXING
- 6 **BOARDING**
GO TO GATE AND BEGIN BOARDING



THREE WORD STRATEGY

 <small>[sol.ace]</small> <small>a source of relief or consolation, alleviation of grief or anxiety</small> SOLACE <small>simulation</small>	 <small>[dy.nam.ic]</small> <small>full of energy, continuously changing or developing.</small> DYNAMIC <small>educational</small>	 <small>[con.nec.tion]</small> <small>a relationship between two things, people or groups.</small> CONNECTION <small>innovation</small>
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SCHEDULE OF ACCOMMODATION

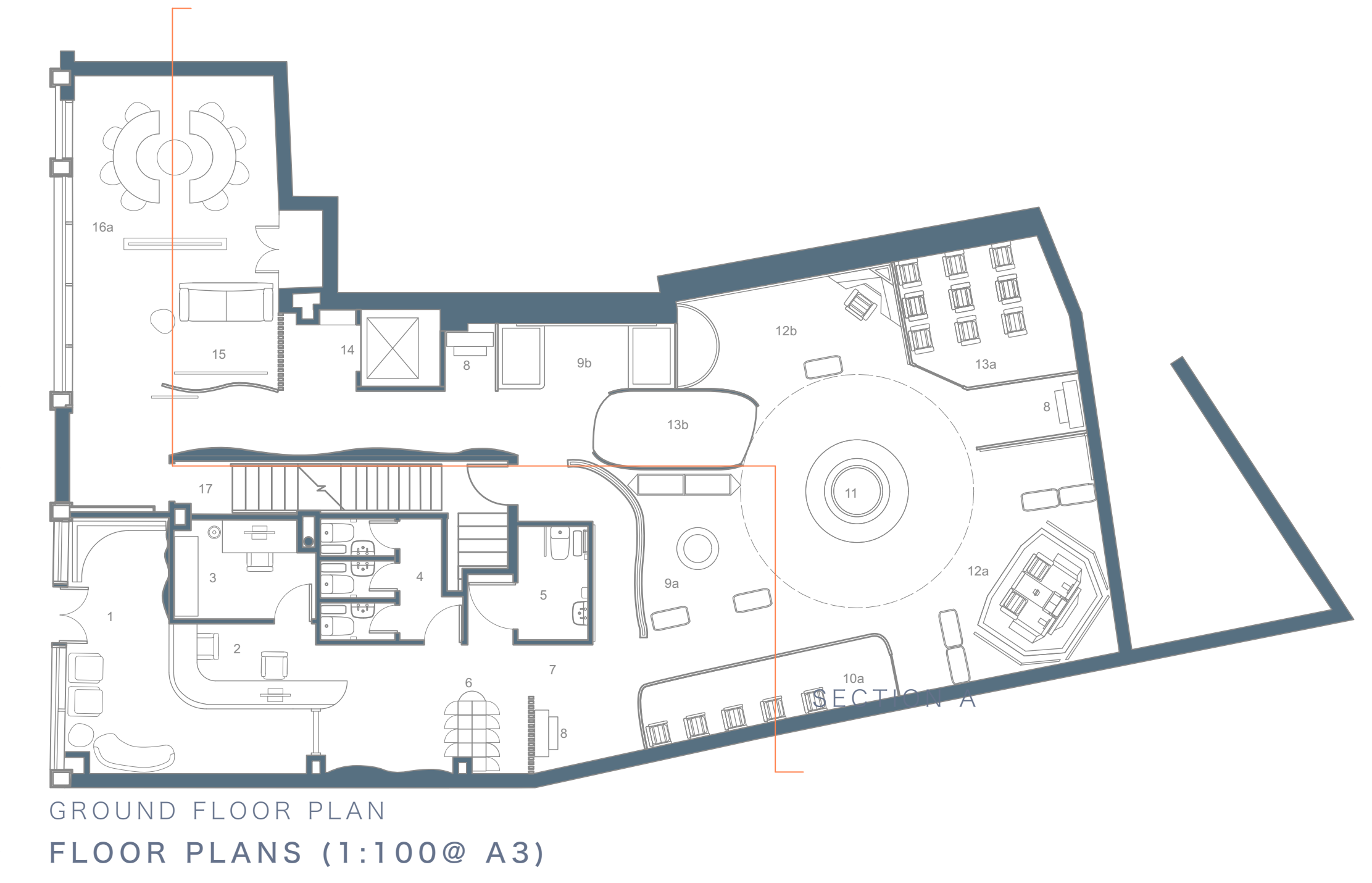
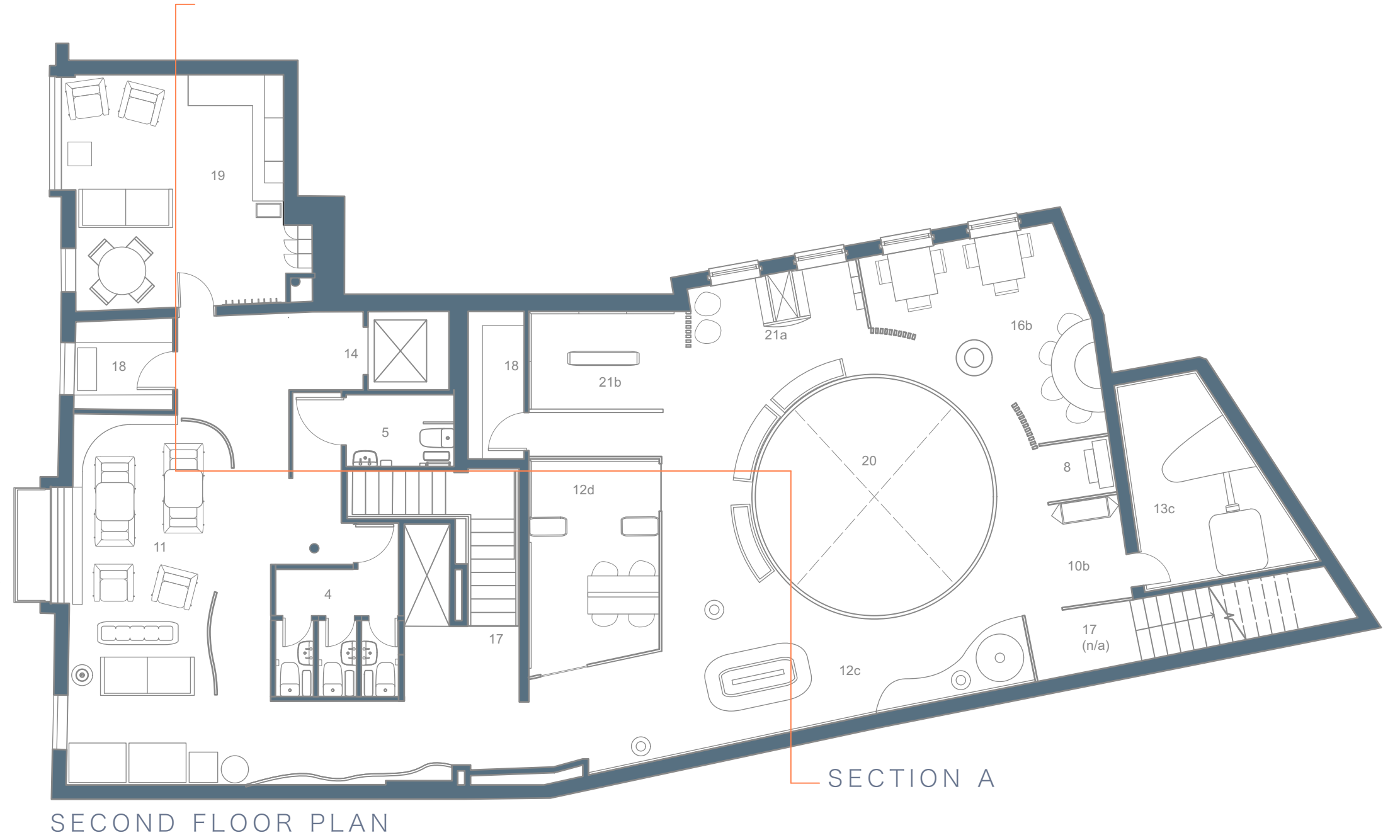
1	CHECK IN	11	LOUNGE
2	SECURITY	12	DYNAMIC AREA
3	MAIN OFFICE	13	SOLACE AREA
4	UNISEX TOILETS	14	LIFT
5	DISABLED TOILETS	15	CONNECTION HUB
6	BAGGAGE DROP/CLAIM	16	CONNECTION AREA
7	TERMINAL	17	STAIRS
8	KIOSK	18	CARGO
9	DYNAMIC HUB	19	STAFF ROOM
10	SOLACE HUB	20	VOID
		21	MEMORIAL AREA

- KEY:**
- staff only
 - public
 - staffed facility
 - memorial
 - dynamic
 - solace
 - connection

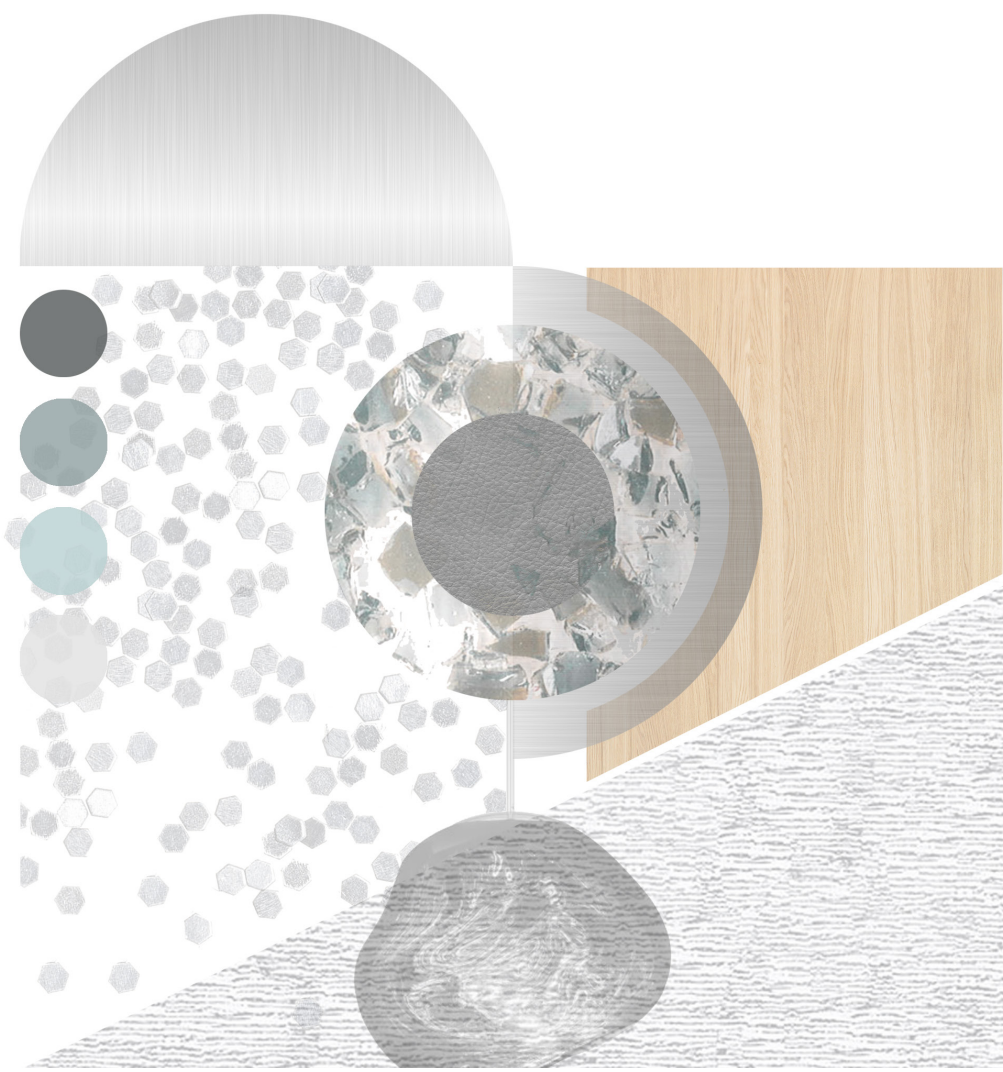
CIRCULATION DIAGRAMS

Flight mode's circulation was informed by the 'Navigation of an airport', allowing users of the space to fully immerse into the experience.

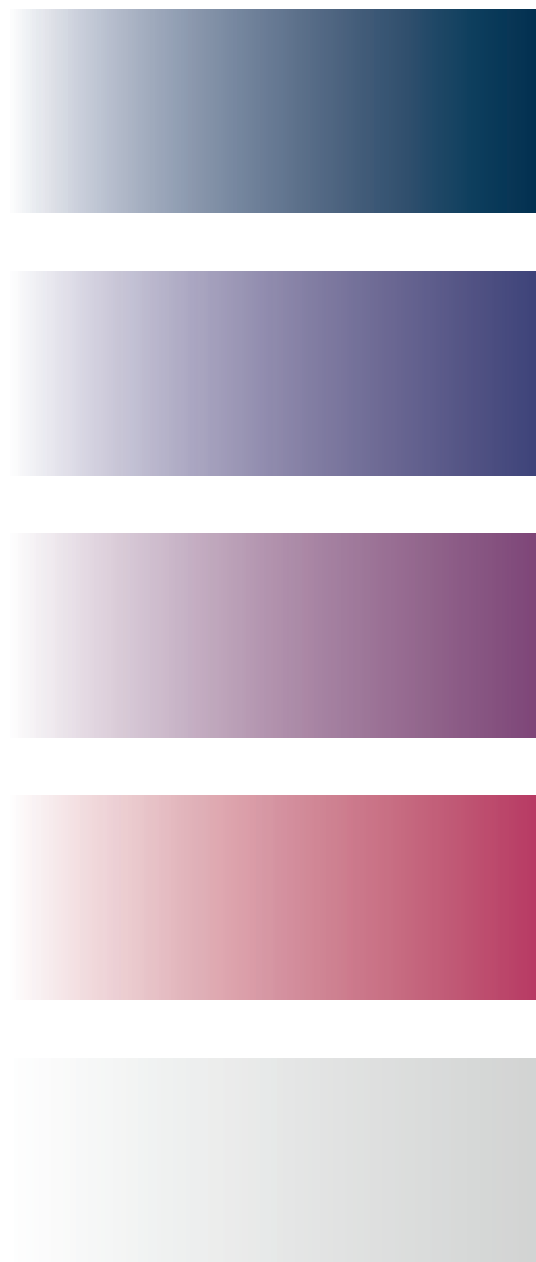
Language used in the aviation industry has been reflected in the schedule of accommodation



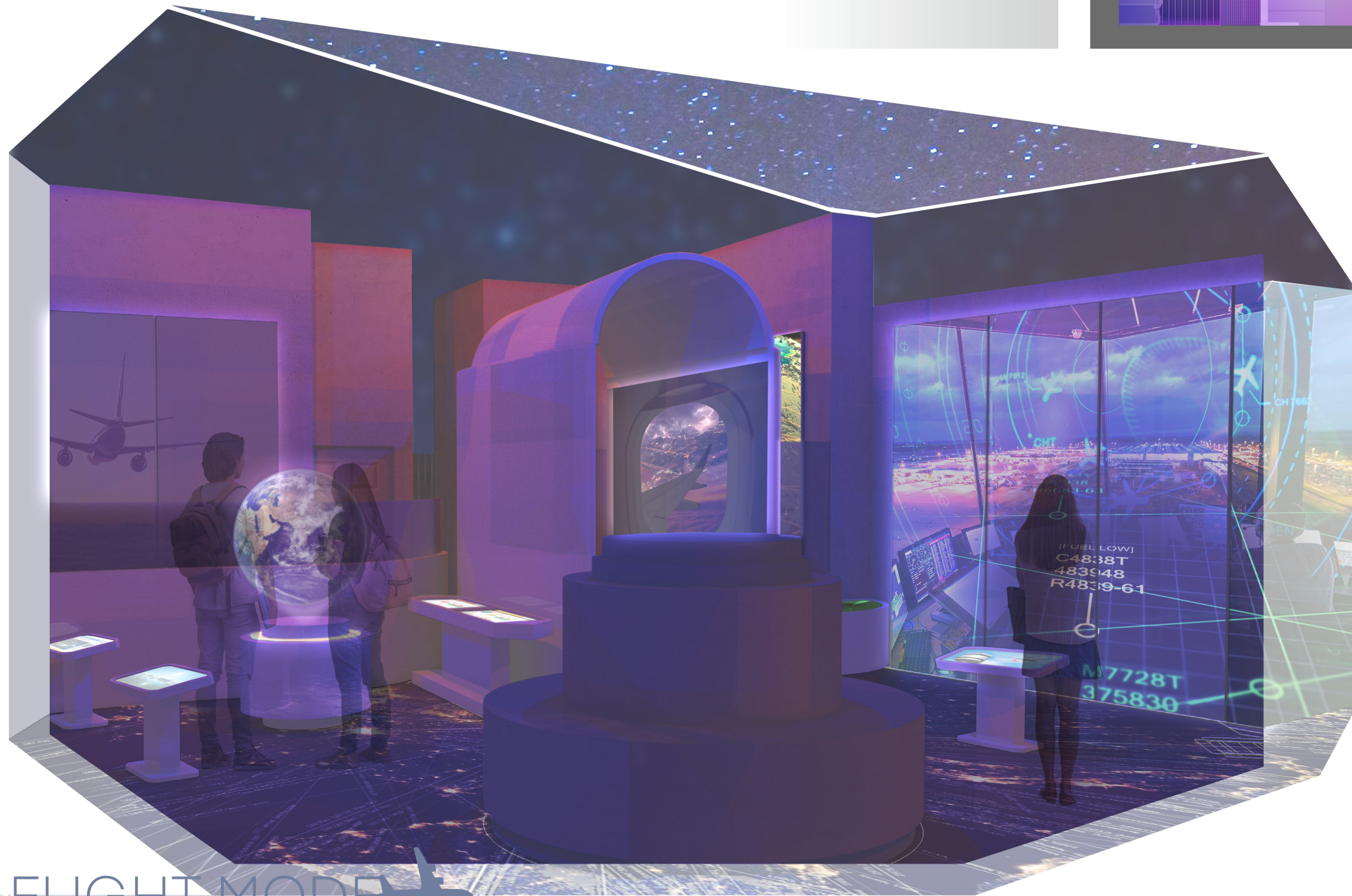
MATERIALITY



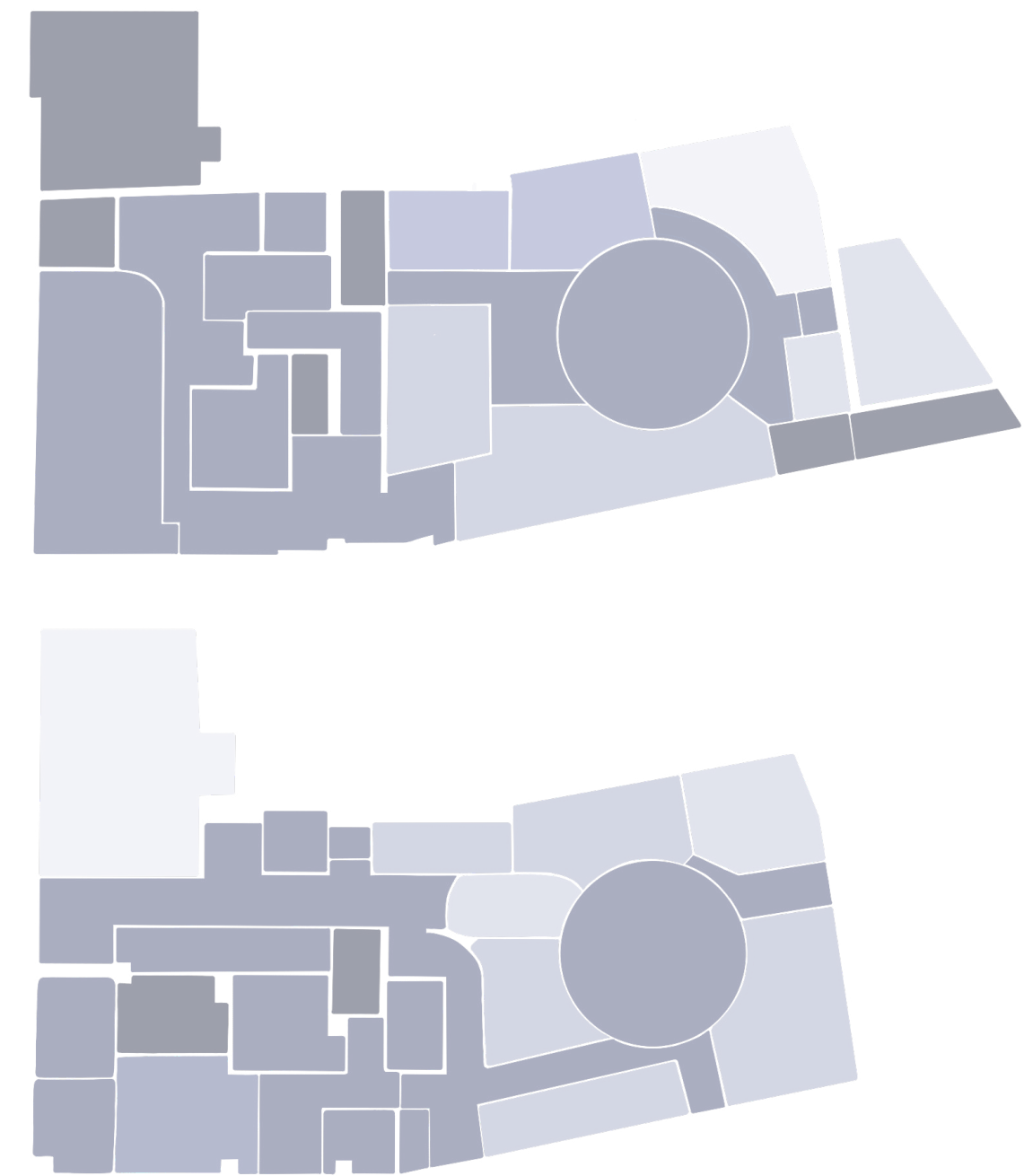
COLOUR PALETTE



SECTION A (1;100@ A3)



CENTRAL HUB VISUAL



HUBS AND AREAS DIAGRAM

KEY:

- staff only
- public
- staffed facility
- memorial
- dynamic
- solace
- connection

The central hub visual has captured a conceptual view of the lounge area (11), looking off into dynamic hub a (9a), dynamic area b (12b), and solace area b (13b). It gives a brief overview of the stimulating atmosphere.