

Brief
Re-use
existing
transport
infrastructure
with a city-wide
solution that
will adapt and
grow with the
city.

disused
neglected
promising.

Response

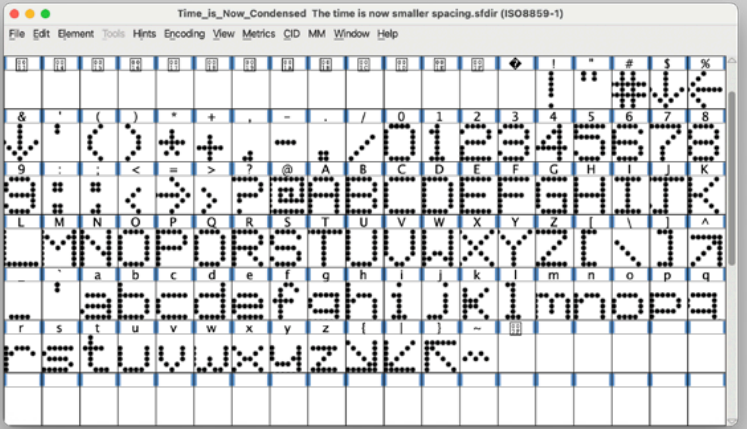
Linking Sheffield Station
to the Megatron* tunnel
system via the disused
cycle hub, thus creating
the first city centre
metro terminus station
for the proposed
commuter route on the
new underground railway
network: The exodus line.

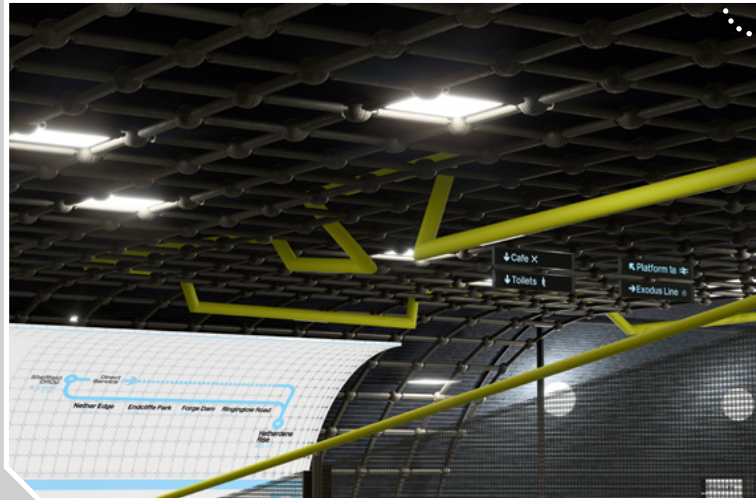
*
THE MEGATRON IS A
VICTORIAN-ERA
SYSTEM OF UNDERGROUND
RIVERS THAT RUN
CULVERTED THROUGHOUT
SHEFFIELD.



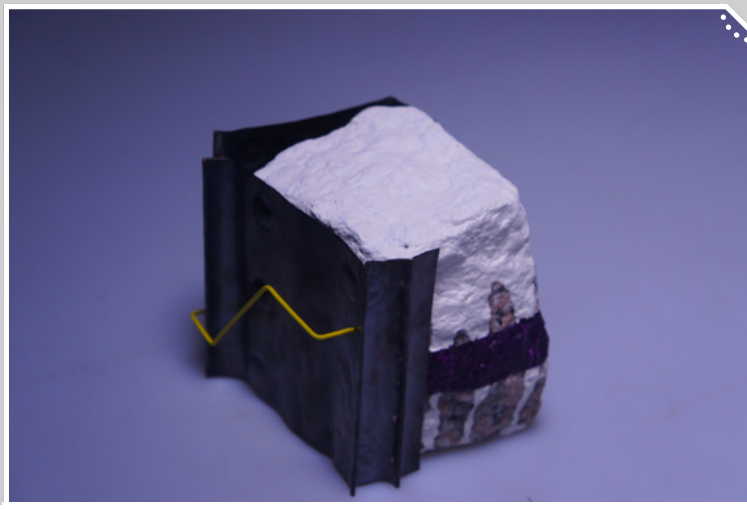
THE TIME IS NOW IS A
FONT DEVELOPED DURING
THE RESEARCH PHASE, IT
IS INSPIRED BY THE FONT
OF DOT MATRIX DEPARTURE
BOARDS CURRENTLY IN
USE AT THE STATION.

The
Time
is
Now





Location:
Sheffield
Train
Station
Cycle Hub



A collaborative (3) model that aimed to help us each become objective by isolating architectural elements of the current station:

- + STEEL COLUMNS
- + PAINTED YORKSTONE
- + SULFUR YELLOW HANDRAILS



Concept:
Inspired by pigeons living in the station. I derived themes of migration, commuting, and explored relationship between the city and nature - The Peak District.



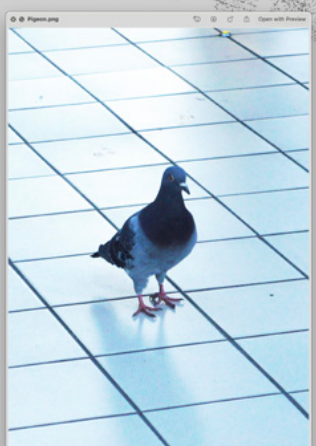
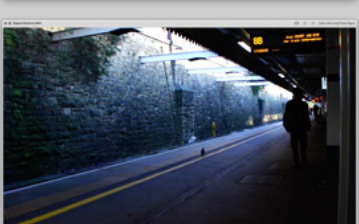
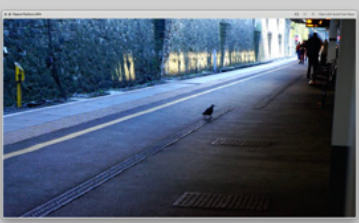
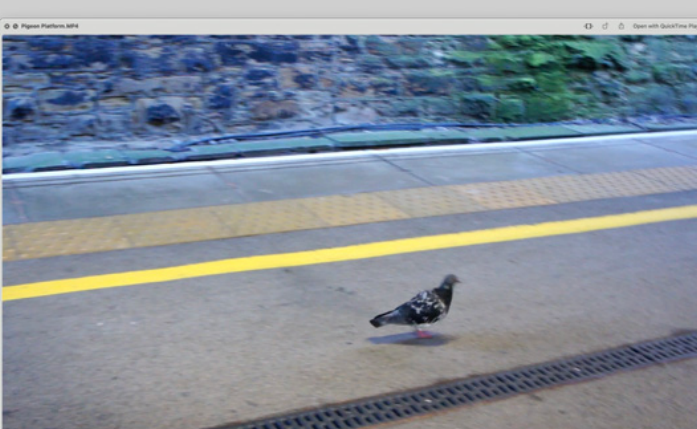
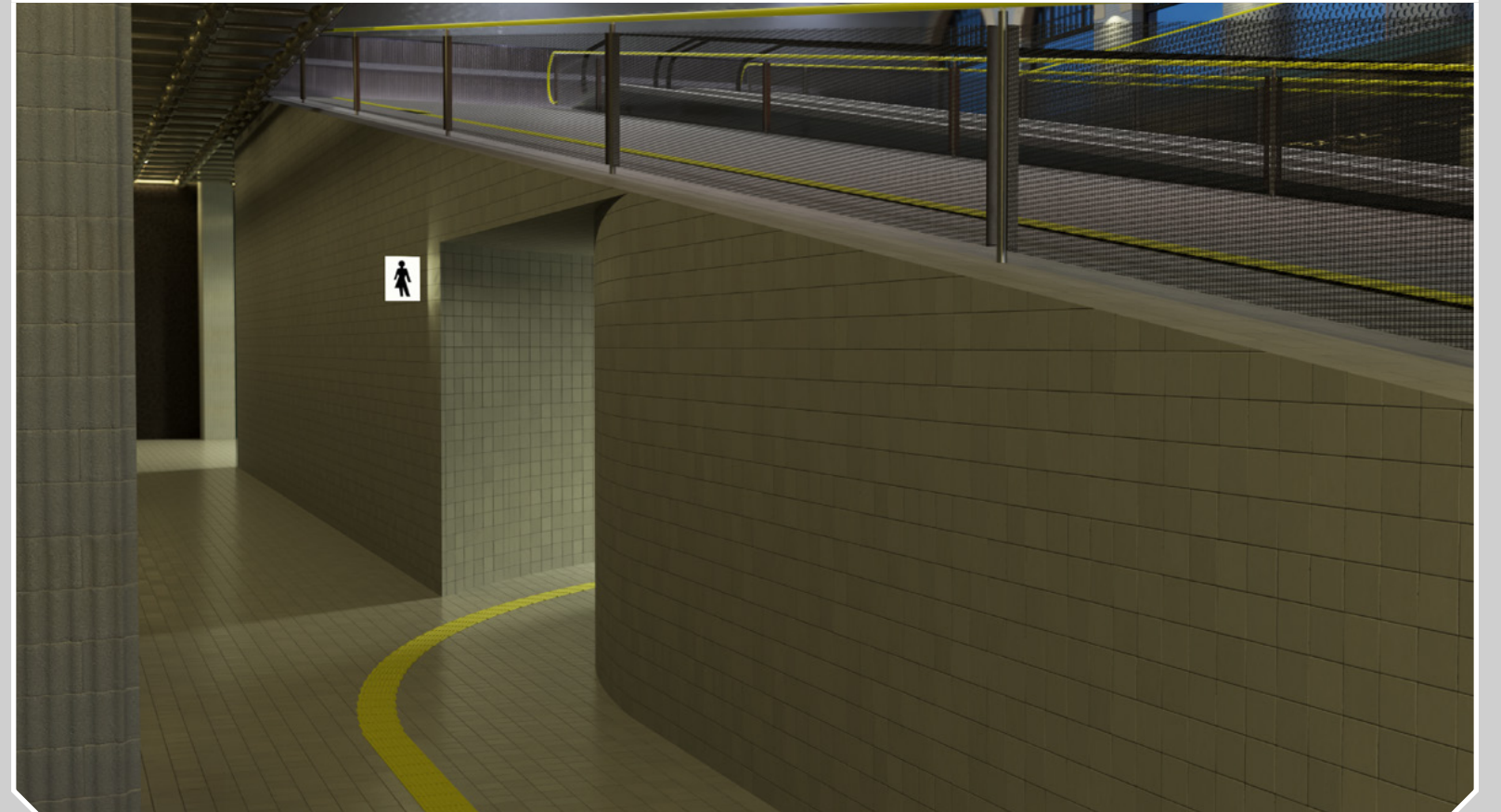
Various lost items were found in the tunnels on our expedition

A mix of natural and man-made objects had been buried and eroded by the flow of the river.

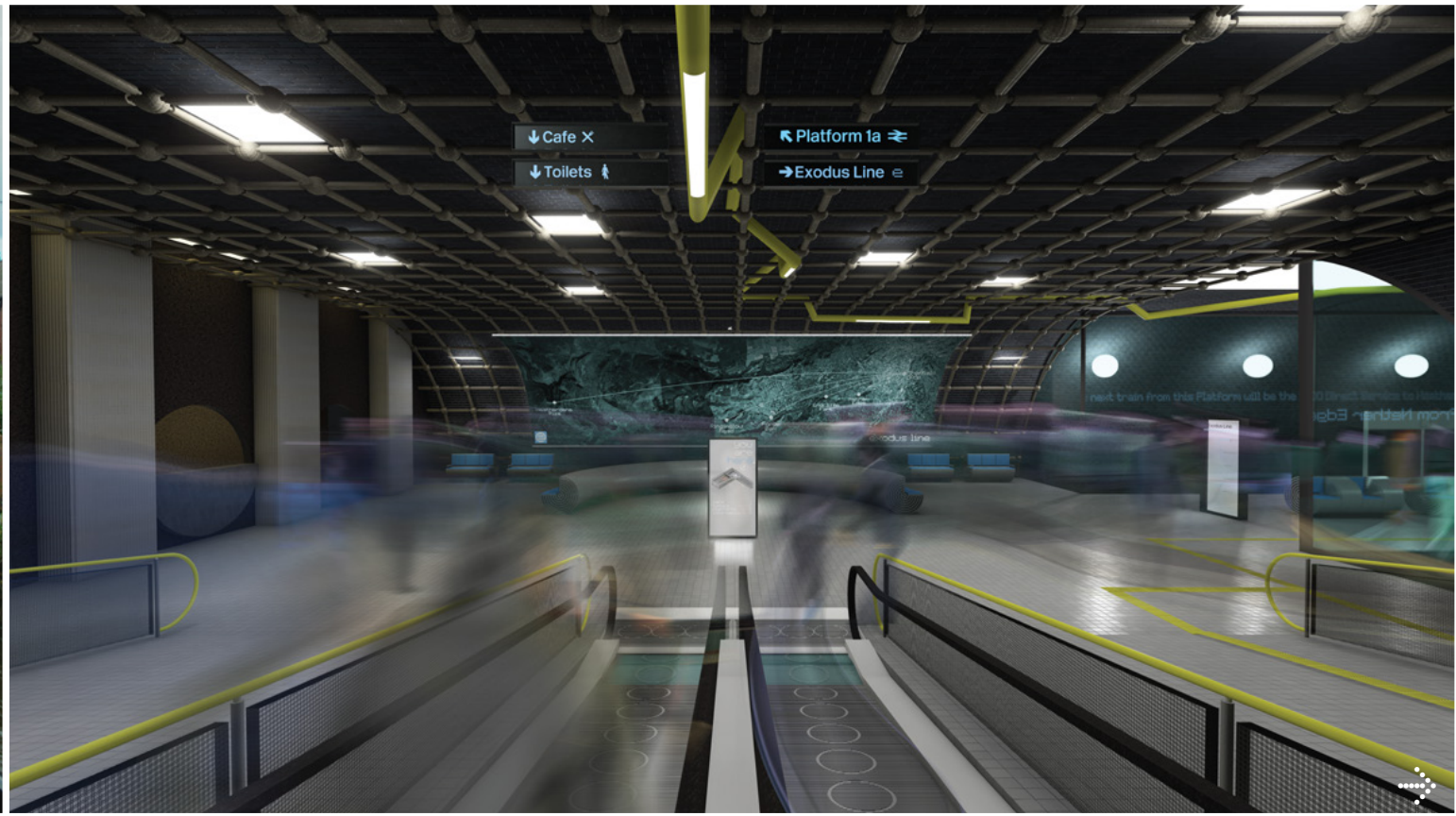
They were collected, (and cleaned) in order to inform the material choices in my own underground station.

Digitising Megatron

USING LIDAR, I SCANNED ROUGHLY 1 MILE OF THE INTERNAL STRUCTURE OF THE MEGATRON WHILE WALKING IN UNDERGROUND CULVERTS. THIS WAS USED TO MEASURE AND MODEL TUNNELS ACCURATELY IN CAD.

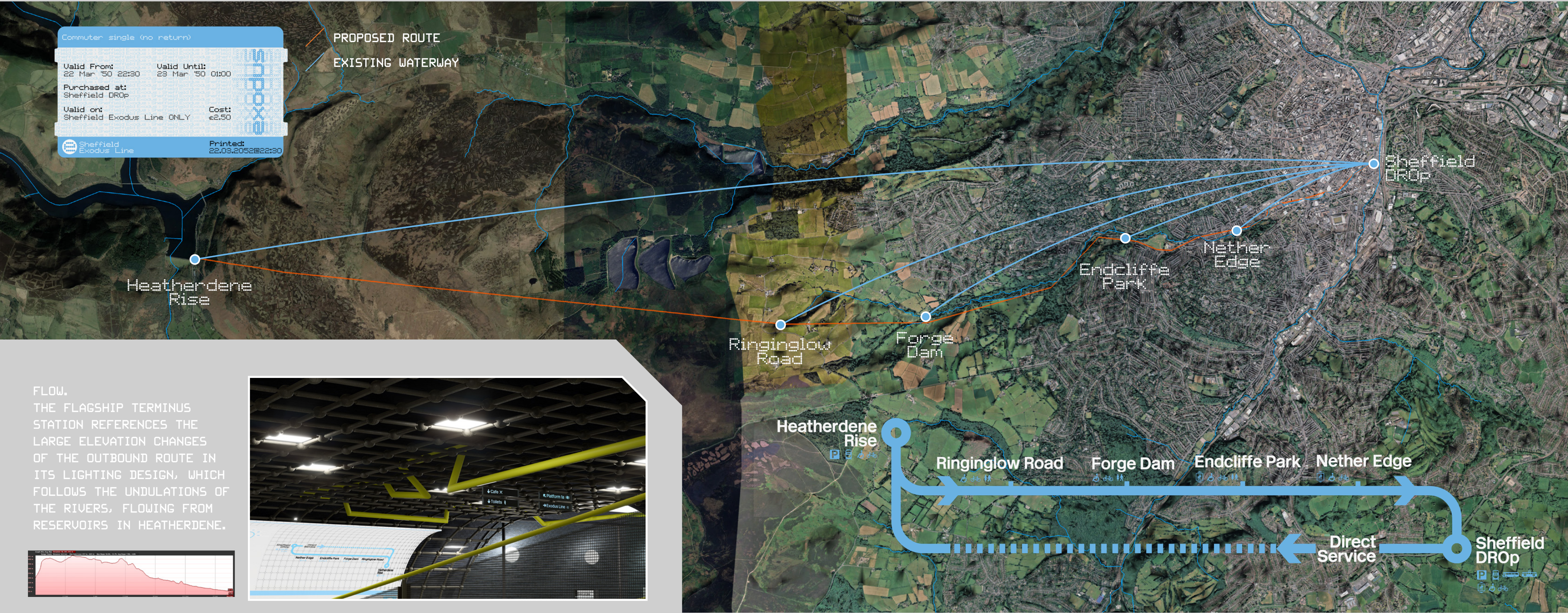


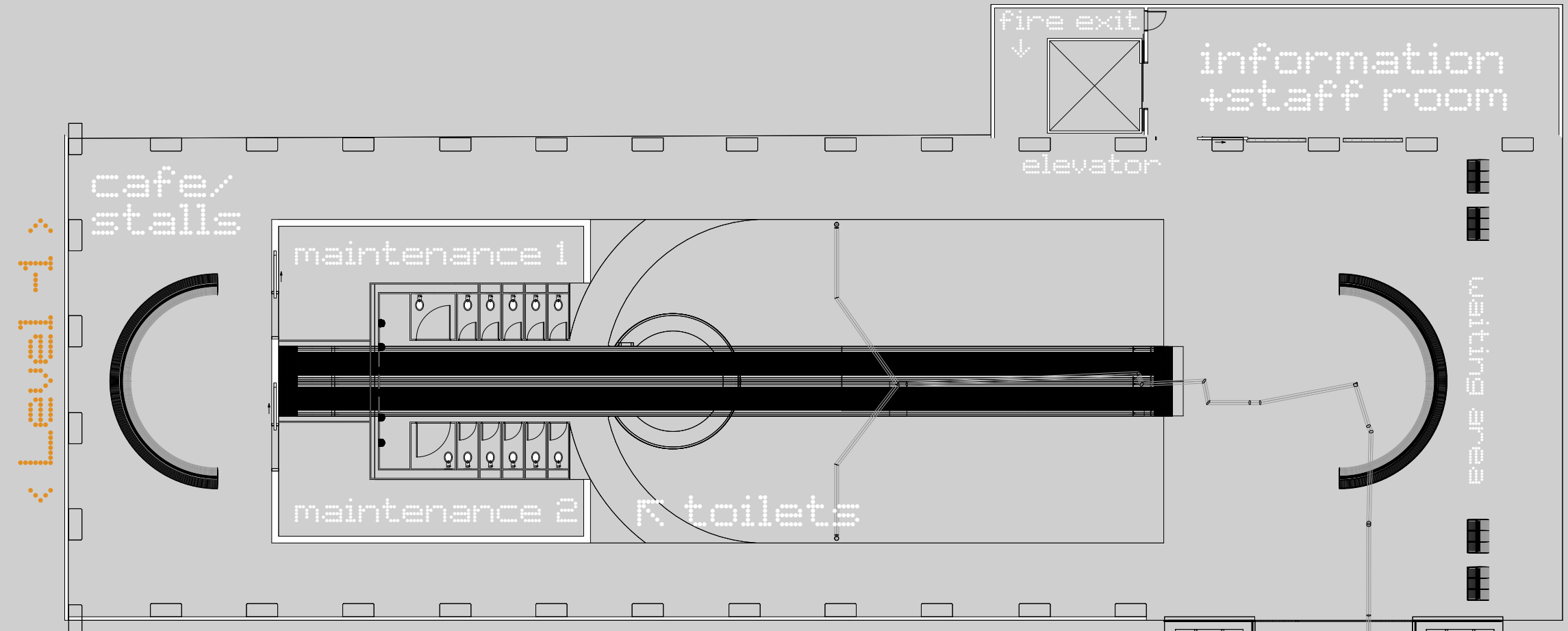
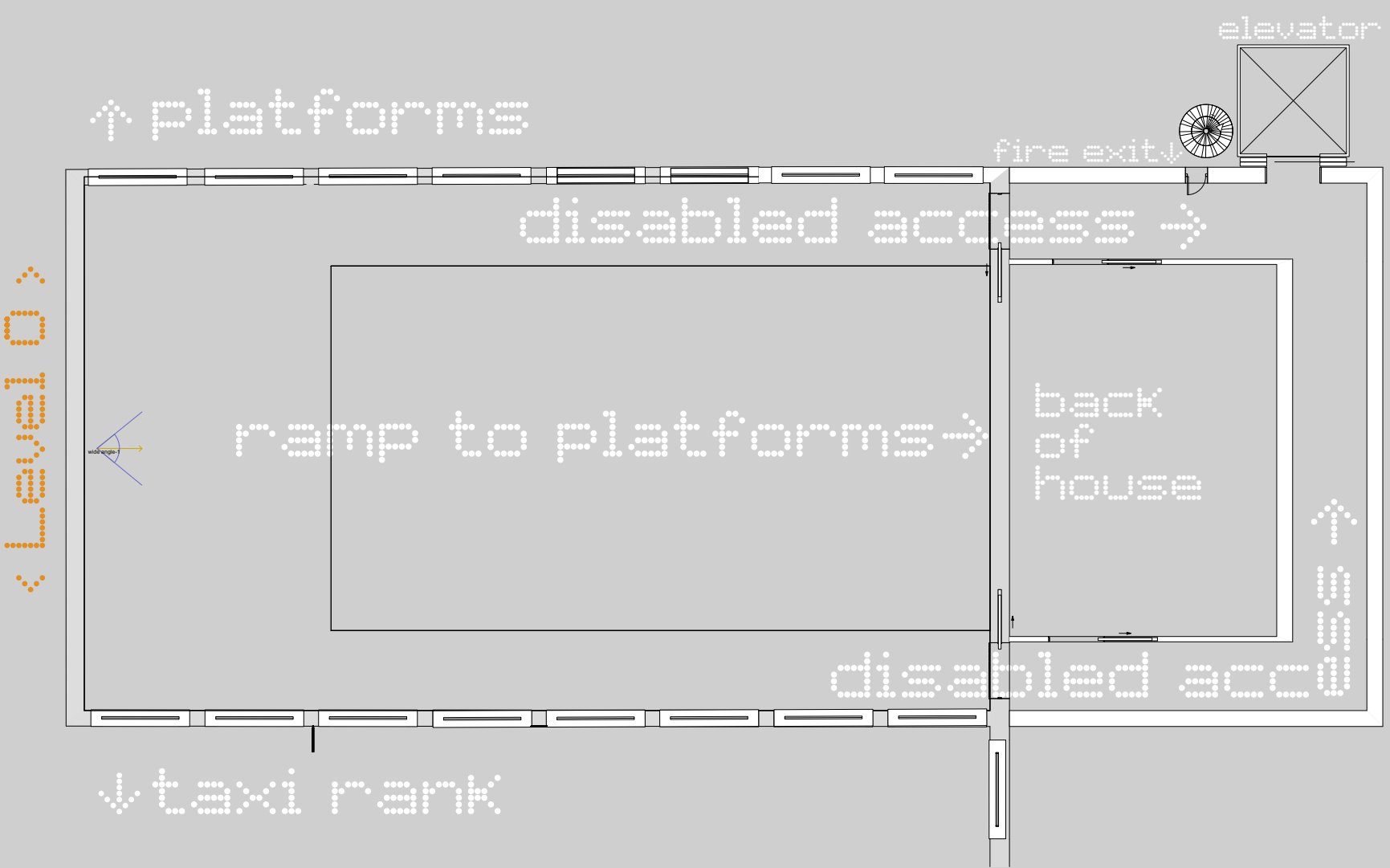
THE ARCHITECTURE OF THE UNDERGROUND RIVER SYSTEM GUIDED DESIGN LANGUAGE INTO SOMETHING MORE CIRCULAR AND FLOWING.



Migrate ↔ Commute

EXODUS LINE IS A DIRECT SERVICE TO THE PEAK DISTRICT, DEPARTING FROM THE CENTRE. IT ACTS AS A COMMUTER LINE ON THE INBOUND ROUTE WITH TWO TRAINS OPERATING CONCURRENTLY. A DUAL TRACK SYSTEM MAY BE MORE INTRICATE THAN A SINGLE LOOP SUCH AS THAT FOUND IN GLASGOW, HOWEVER, THIS MEANS THE SYSTEM IS POISED FOR FUTURE ROUTE EXPANSION. THE HIGH INITIAL EFFORT WILL UNFOLD TO SERVE FUTURE RESIDENTS, COMMUTERS AND LEISURE SEEKERS ALIKE.





OMG guess w

I'll jump on

n on time as

SORRY MUM, I

Installation: Departure

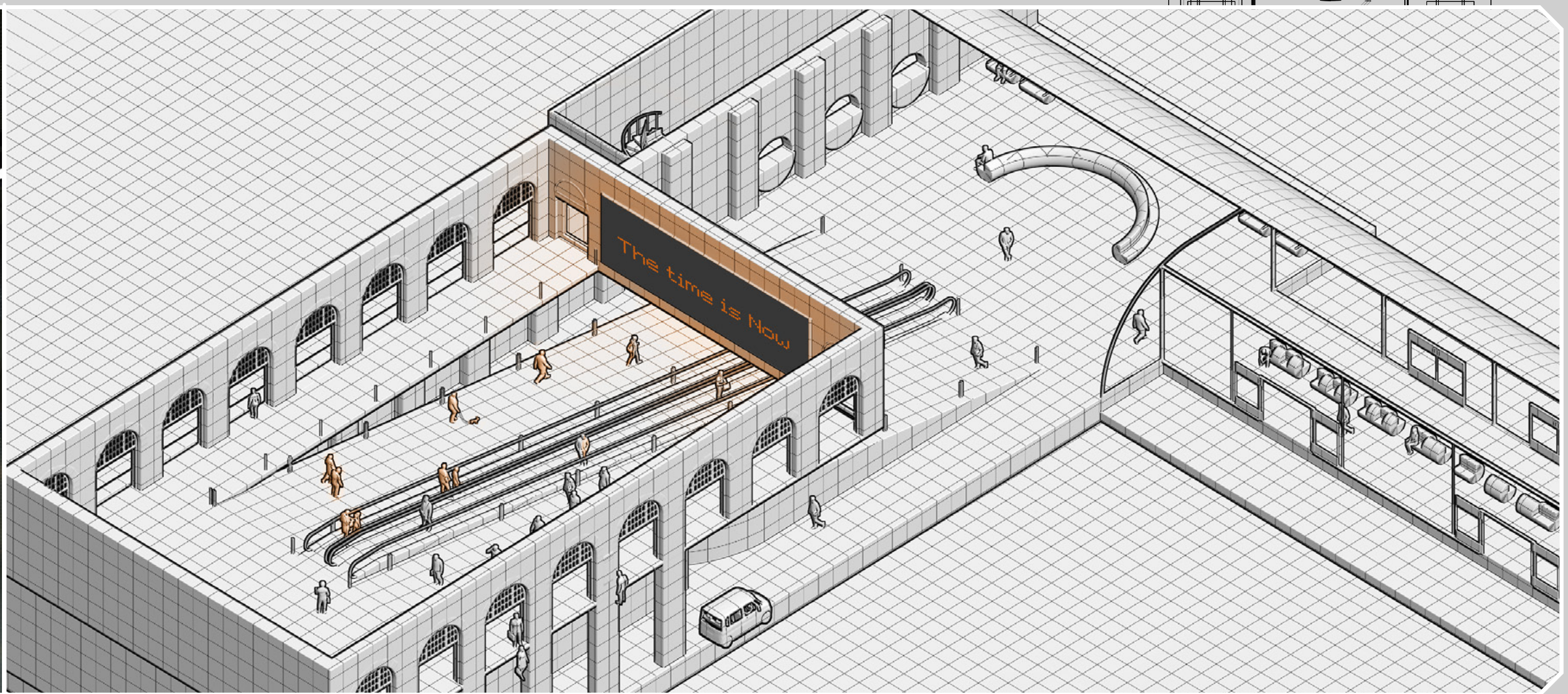
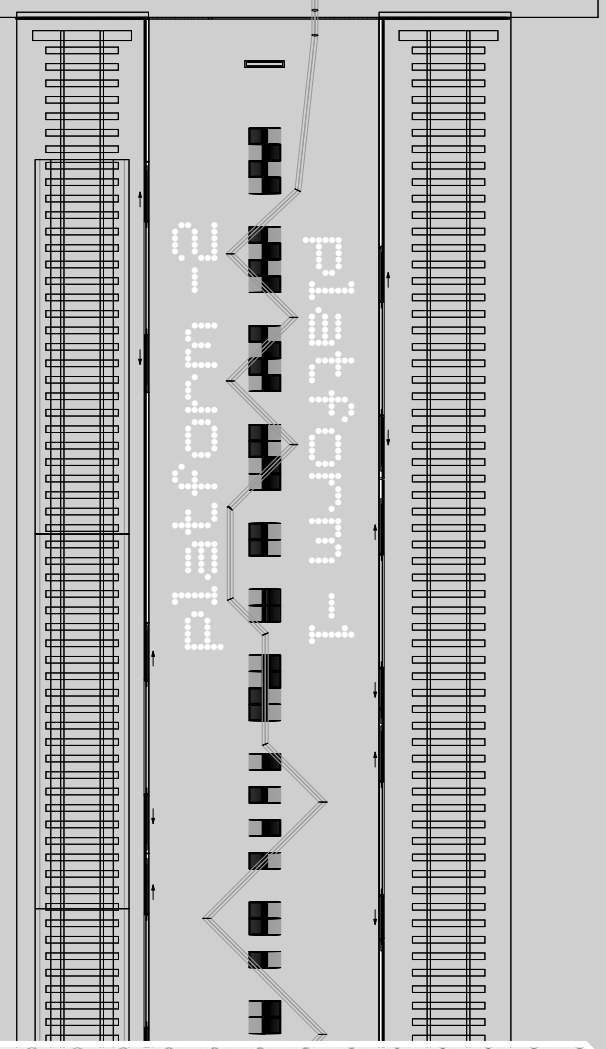
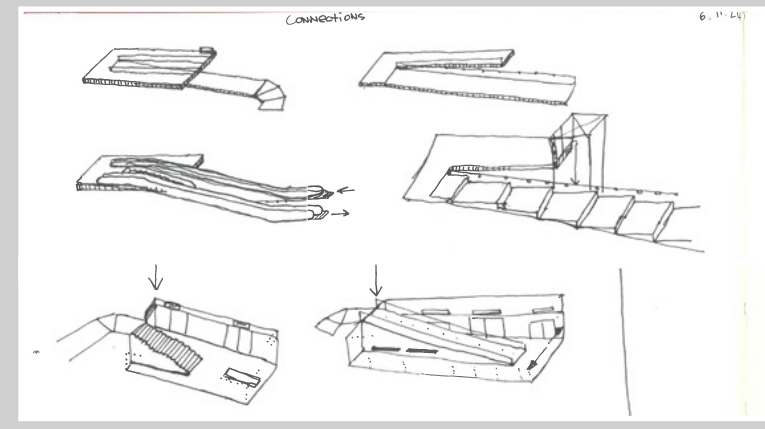
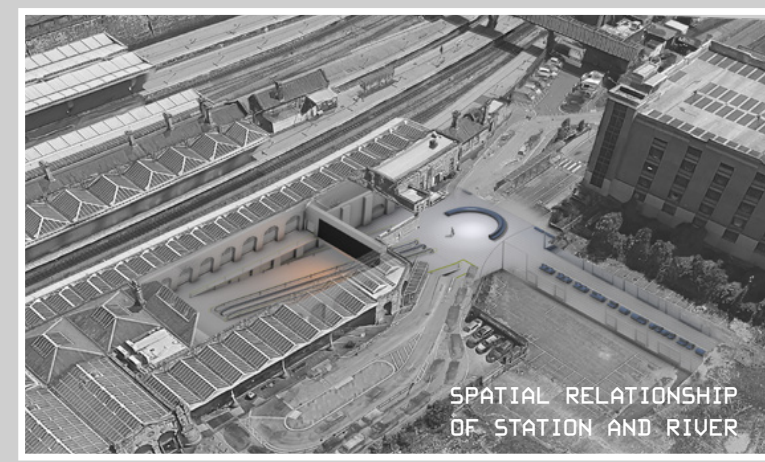
The travelators are an opportune time for reflection. The overhead screen is a scaled-up departure board which can display times, announcements, and encourages community art projects through engagement campaigns.*

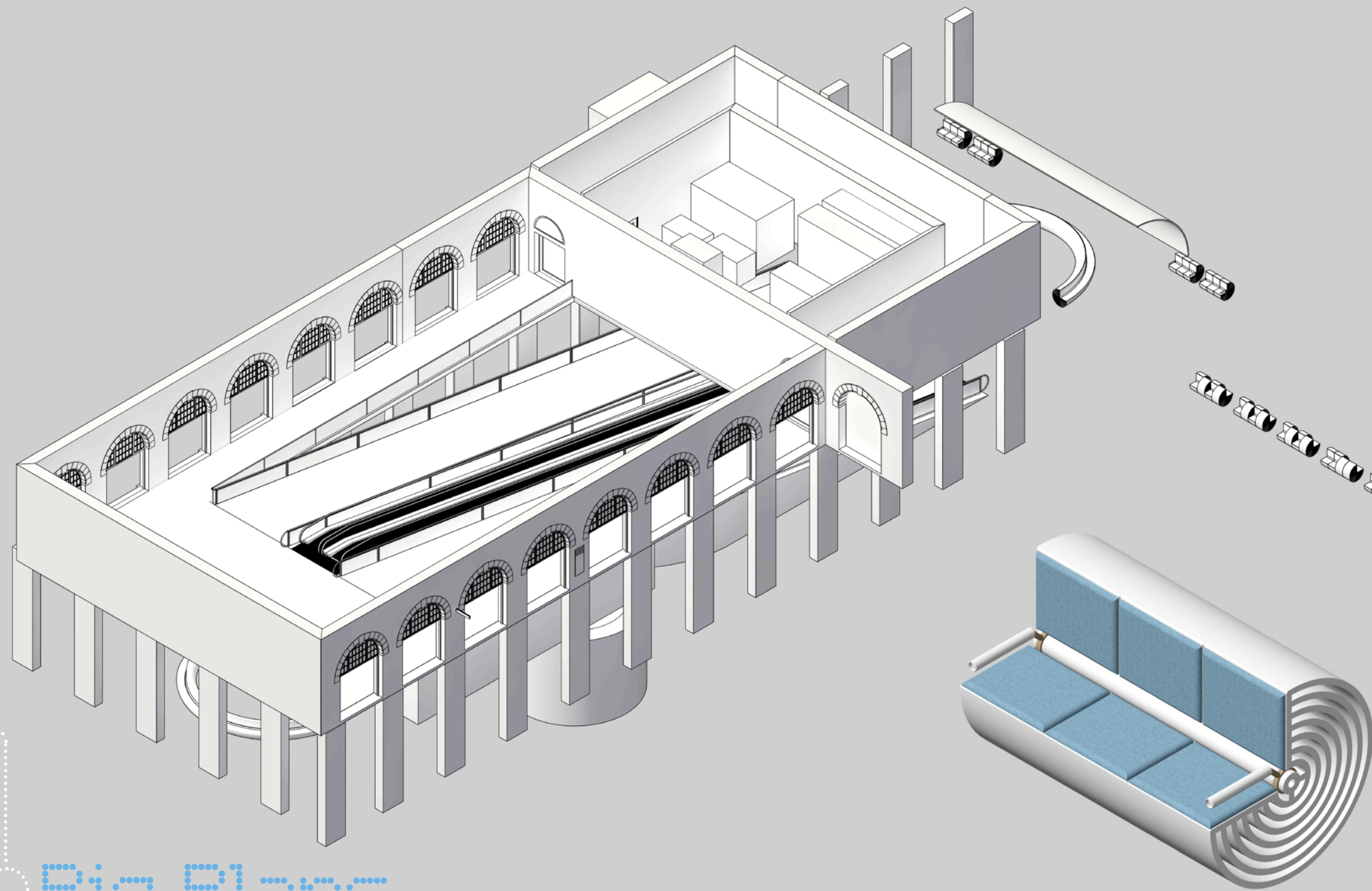
+

THE CONCEPT BELOW PROMPTS PASSENGERS WAITING FOR THEIR TRAIN TO 'TWEET' QUOTES, POETRY OR ADVICE TO THE SCREEN.

THEIR CREATIONS ARE THEN FILTERED AND DISPLAYED AS A MARQUEE.

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓



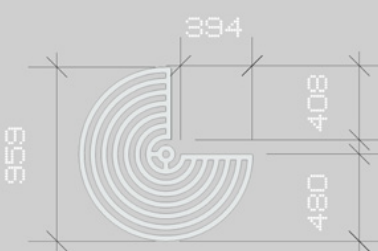
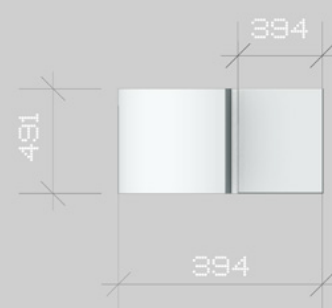
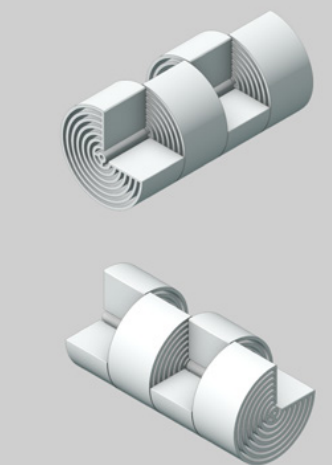
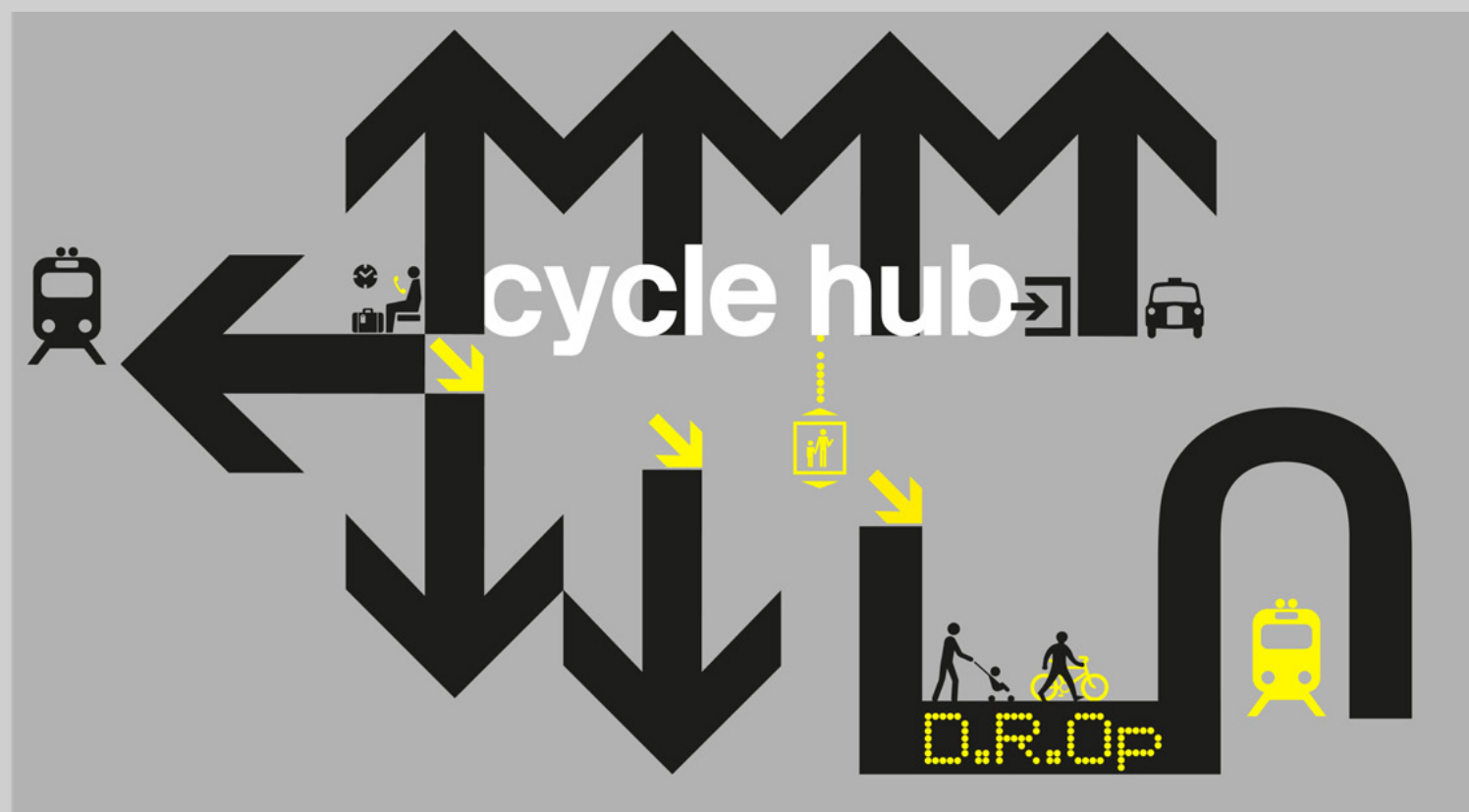


Big Plans

The layout of the station is largely dictated by the existing distance to the first tunnel.

The space inbetween has been streamlined to allow for maximum passenger flow and comfort, including ample maintenance and public amenities.

The layout retains space for future installations, cafes, pop-ups and platforms.



THE LIGHTING STRUCTURE INSIDE MY METRO STATION IS AN ARCHITECTURAL ELEMENT THAT FEATURES IN ALL INTERIM STOPS, MORPHING AND EVOLVING TO ITS ENVIRONMENT. INSPIRED BY JAPANESE METABOLISM, IT MIMICS NATURAL GROWTH AND ECHOES URBAN SPRAWL.

