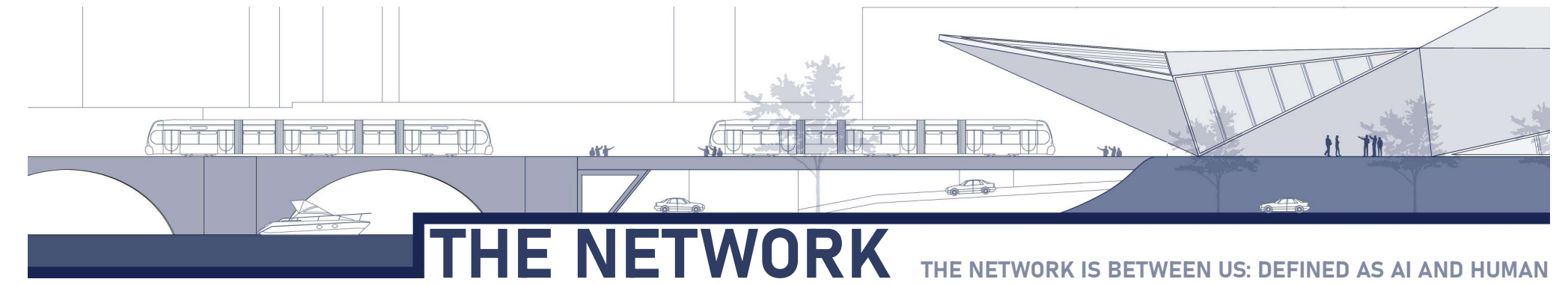
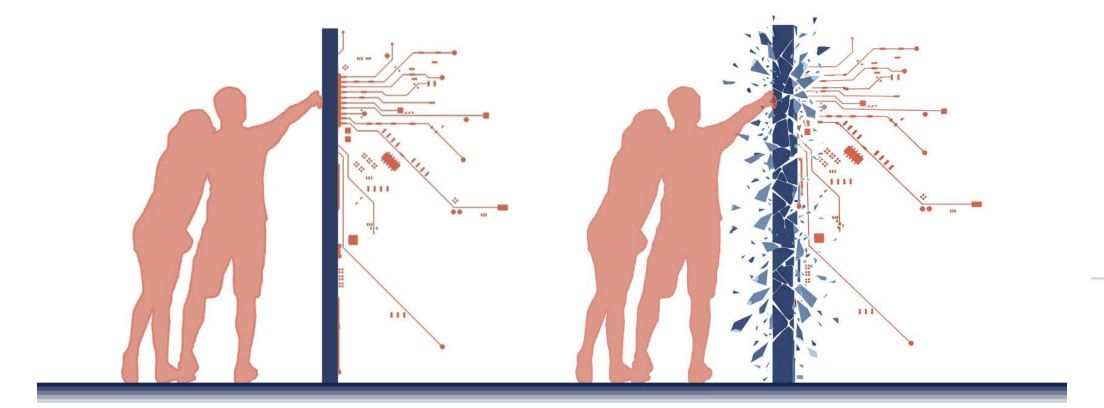


THE NETWORK

THE NETWORK IS BETWEEN US: DEFINED AS AI AND HUMAN

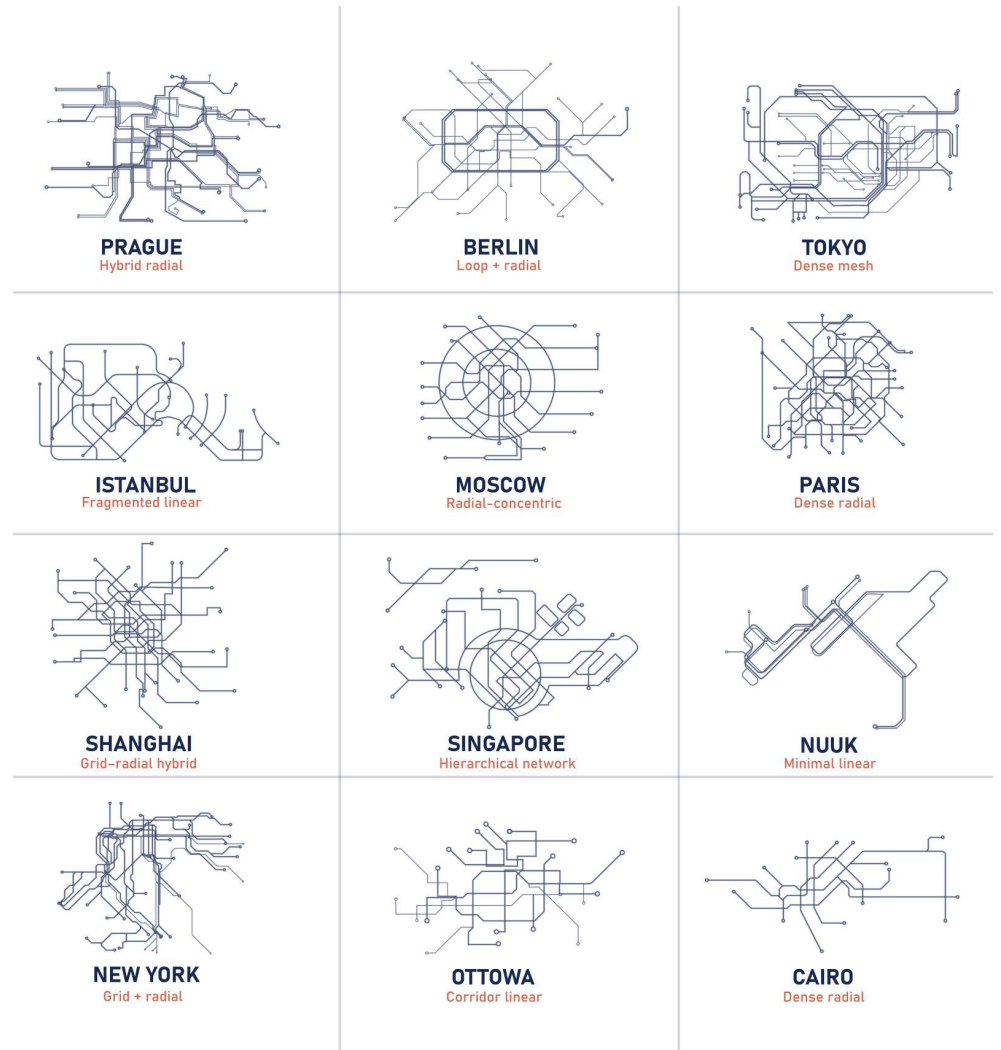
SHARING NETWORKS ACCROSS CITIES
SHARING NETWORKS ACCROSS CITIES
SHARING NETWORKS ACCROSS CITIES
SHARING NETWORKS ACCROSS CITIES
SHARING NETWORKS ACCROSS CITIES
SHARING NETWORKS ACCROSS CITIES

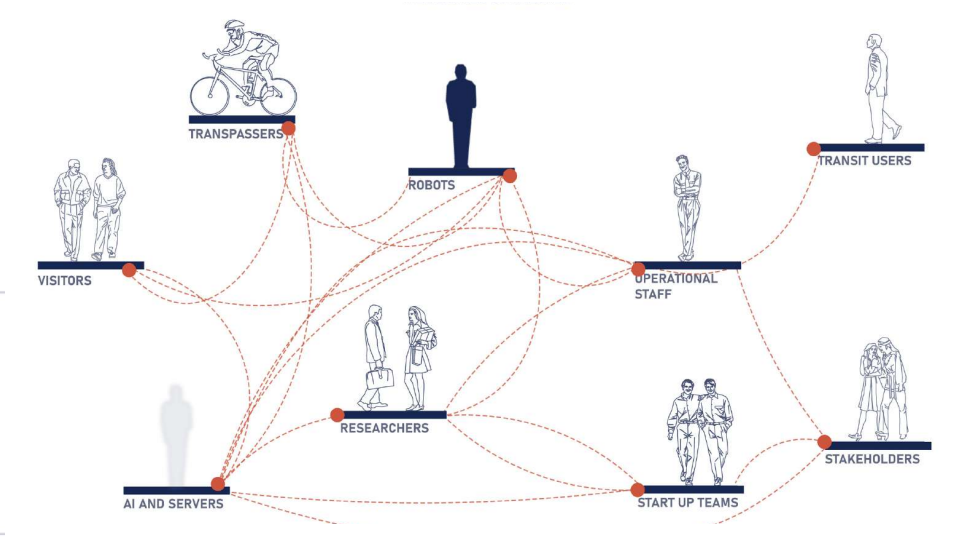


The project operates as a responsive urban network embedded within the infrastructure. Driven by network logic, the building emerges as interconnected nodes rather than a single mass. The railway acts as the primary spatial spine, generating fragmentation across the upper levels, while elevated bridges link programmatic clusters. AI-driven fragmentation merges with human daily life, transforming digital networks into urban experience.

NUUK
OTTOWA
BERLIN
MOSCOW
PARIS
PRAGUE
ISTANBUL
NEW YORK
CAIRO
SHANGHAI
TOKYO
SINGAPORE

WE MOVE WE GENERATE DATA, TOGETHER WE SHAPE THE CITY

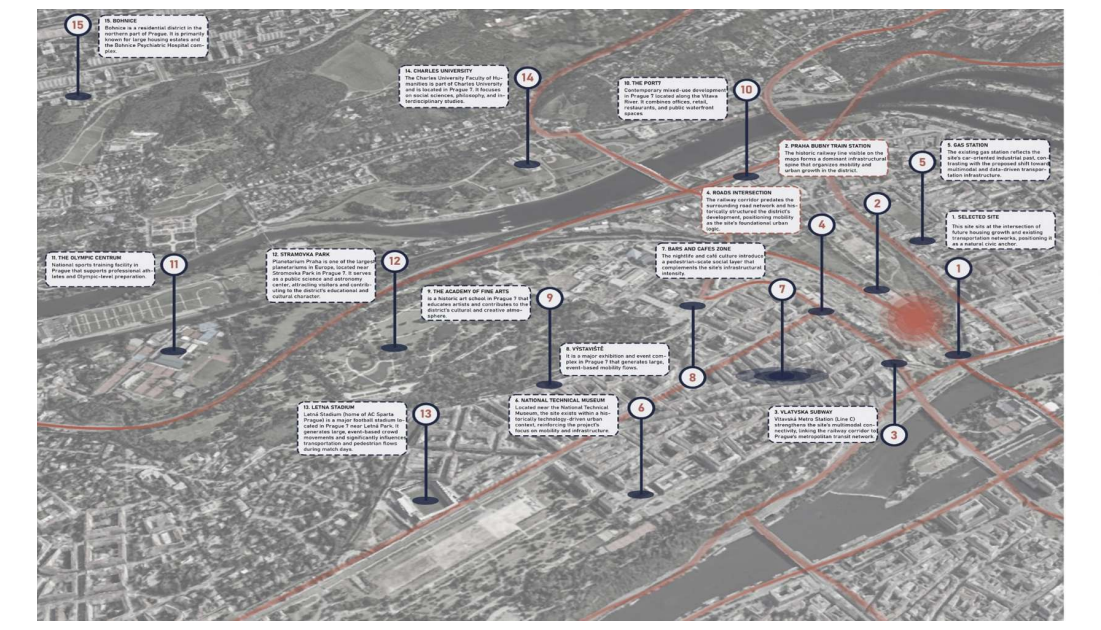

PRAGUE
Hybrid radial
BERLIN
Loop + radial
TOKYO
Dense mesh
ISTANBUL
Fragmented linear
MOSCOW
Radial-concentric
PARIS
Dense radial
SHANGHAI
Grid-radial hybrid
SINGAPORE
Hierarchical network
NUUK
Minimal linear
NEW YORK
Grid + radial
OTTOWA
Corridor linear
CAIRO
Dense radial

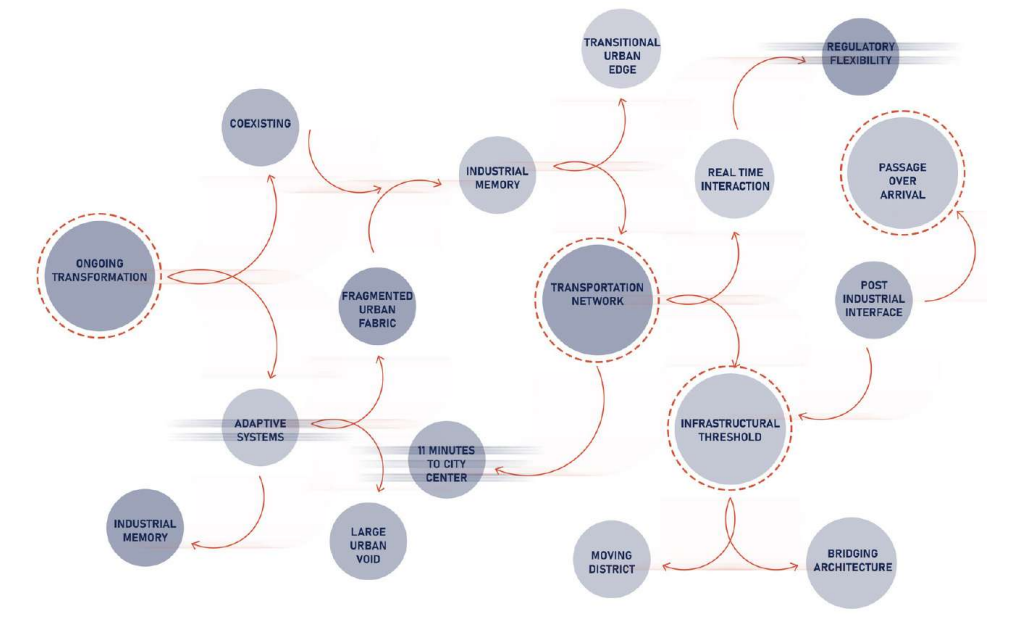

TRANSPASSERS
ROBOTS
TRANSIT USERS
VISITORS
OPERATIONAL STAFF
RESEARCHERS
STAKEHOLDERS
AI AND SERVERS
START UP TEAMS

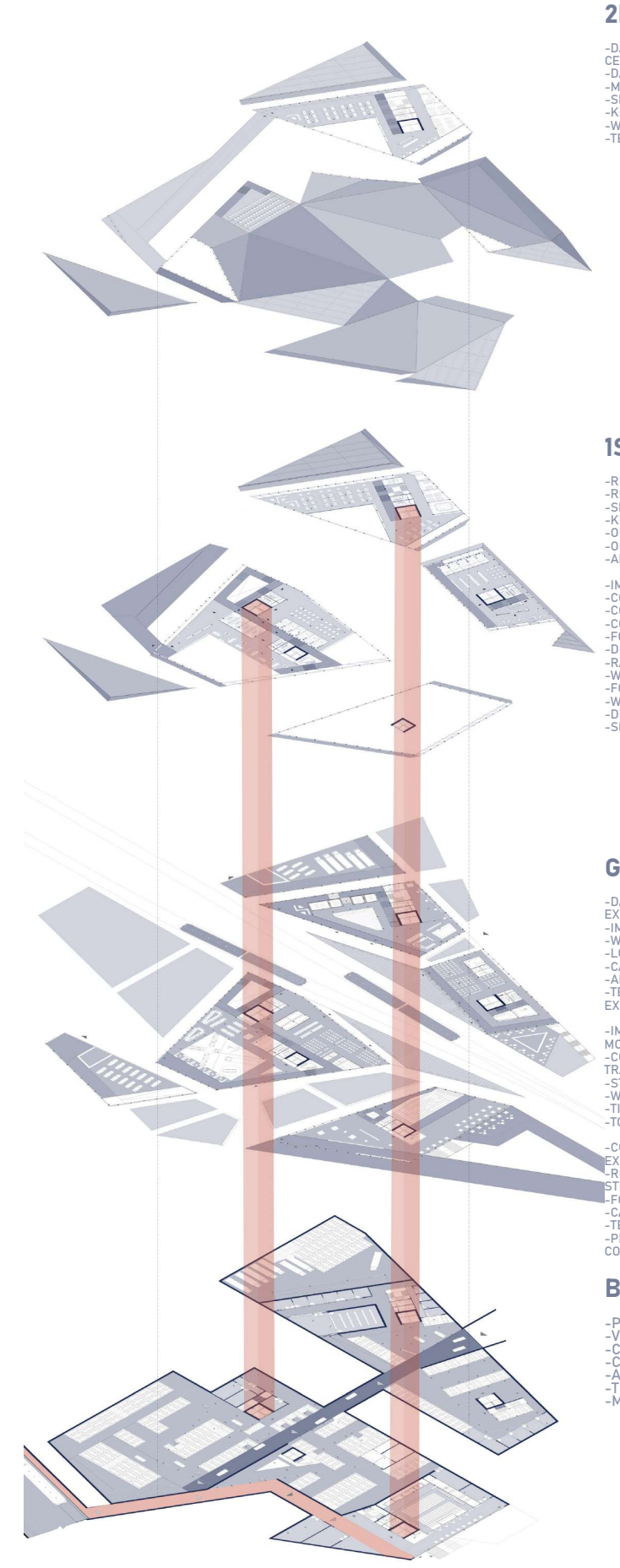
PRAGUE 2 FESTIVAL DAY

TAKE THE NEXT TRAIN TO ARRIVE PRAGUE 2

THE TRAIN ARRIVES IN 05 MINUTES




TRANSITIONAL URBAN EDGE
REGULATORY FLEXIBILITY
COEXISTING
INDUSTRIAL MEMORY
REAL TIME INTERACTION
PASSAGE OVER ARRIVAL
ONGOING TRANSFORMATION
FRAGMENTED URBAN FABRIC
TRANSPORTATION NETWORK
POST INDUSTRIAL INTERFACE
ADAPTIVE SYSTEMS
15 MINUTES TO CITY CENTER
INFRASTRUCTURAL THRESHOLD
INDUSTRIAL MEMORY
LARGE URBAN VOID
MOVING DISTRICT
BRIDGING ARCHITECTURE



2ND FLOOR

-DATA COLLECTION CENTER
-DATA RELATED OFFICES
-MEETING ROOMS
-SILENT HUBS
-KITCHENETTE
-WC
-TERRACE

1ST FLOOR

-RESEARCH CENTER
-RESEARCH OFFICES
-SILENT HUBS
-KITCHENETTE
-OPEN COWORKING SPACE
-OFFICES
-ADMINISTRATION

-IMMERSIVE WORKSHOPS
-COMMUNITY CLASSROOM
-CONTROL ROOMS
-COWORKING SPACE
-FOOD STALLS
-DINING SPACE
-RAMP ACCESS
-WC
-FOOD STALLS
-WC
-DINING AREAS
-SILENT CAPSULES

GROUND FLOOR

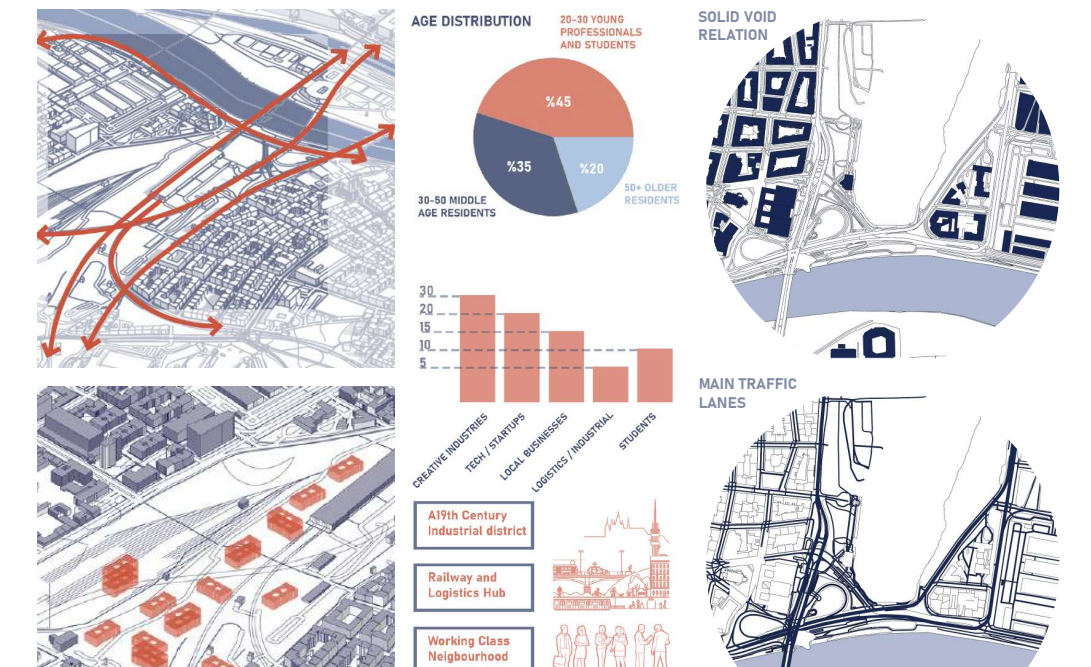
-DATA STACKS EXPERIENCE SPACE
-IMMERSIVE CAPSULES
-WC
-LOUNGE
-CAFE
-ADMINISTRATION
-TEMPORARY DATA EXHIBITION

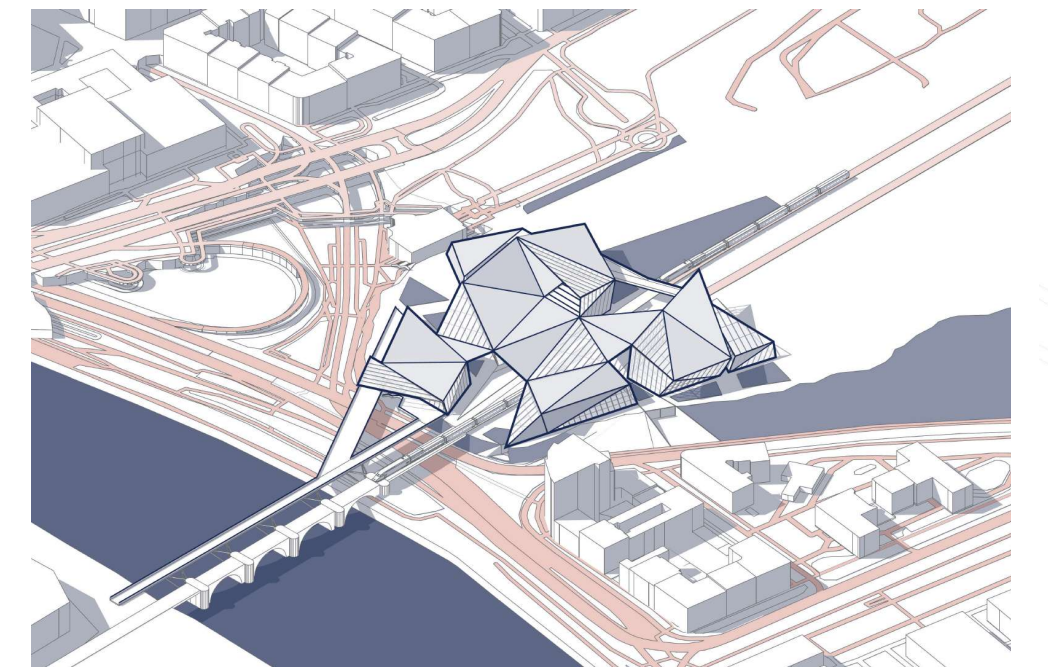
-IMMERSIVE TRAFFIC MODELLING SPACE
-COWORKING SPACE
TRAIN WAITING SPACE X2
-STORES X2
-WC X2
-TICKET OFFICE X2
-TOURIST INFO X2

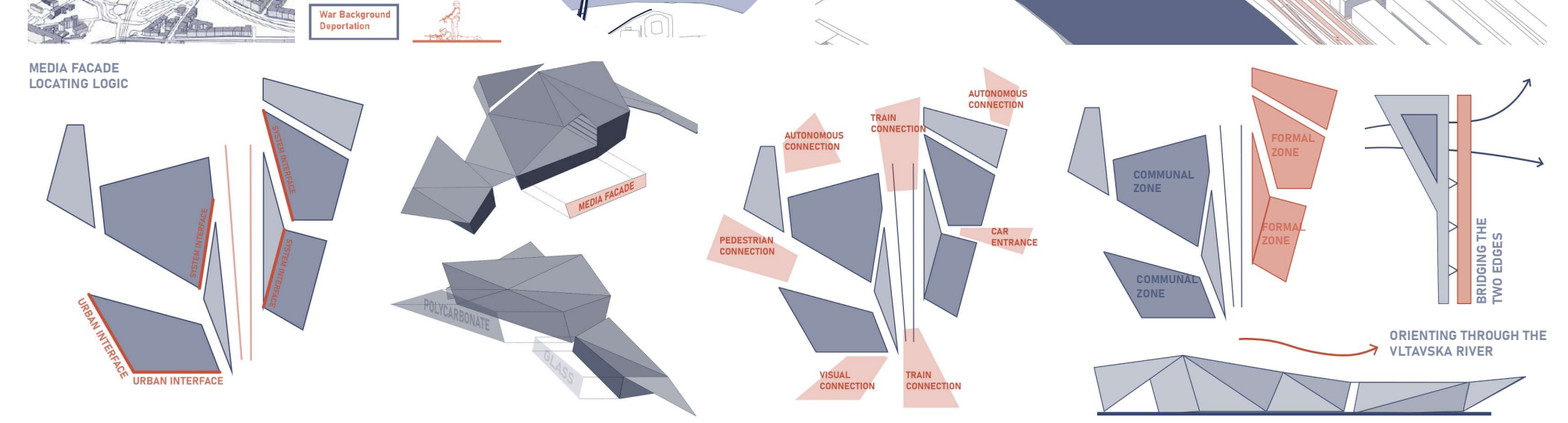
-COMMUNITY INTERACTIVE EXHIBITION
-RIVER VIEWING STEPPED SEATING AREA
-FOYER SPACE
-CAFE
-TERRACE
-PEDESTRIAN BRIDGE CONNECTION

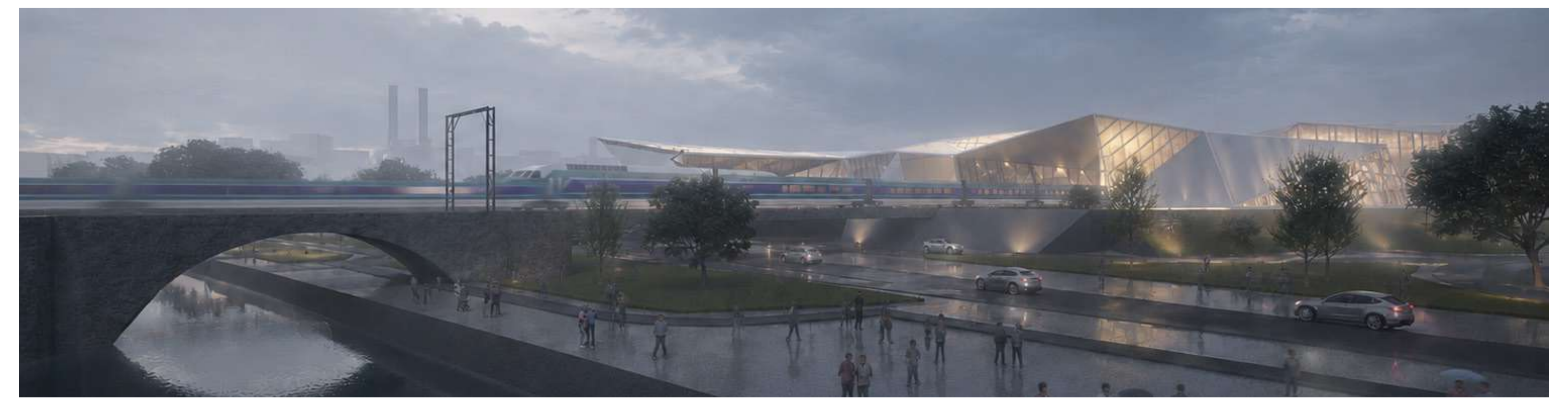
BASEMENT

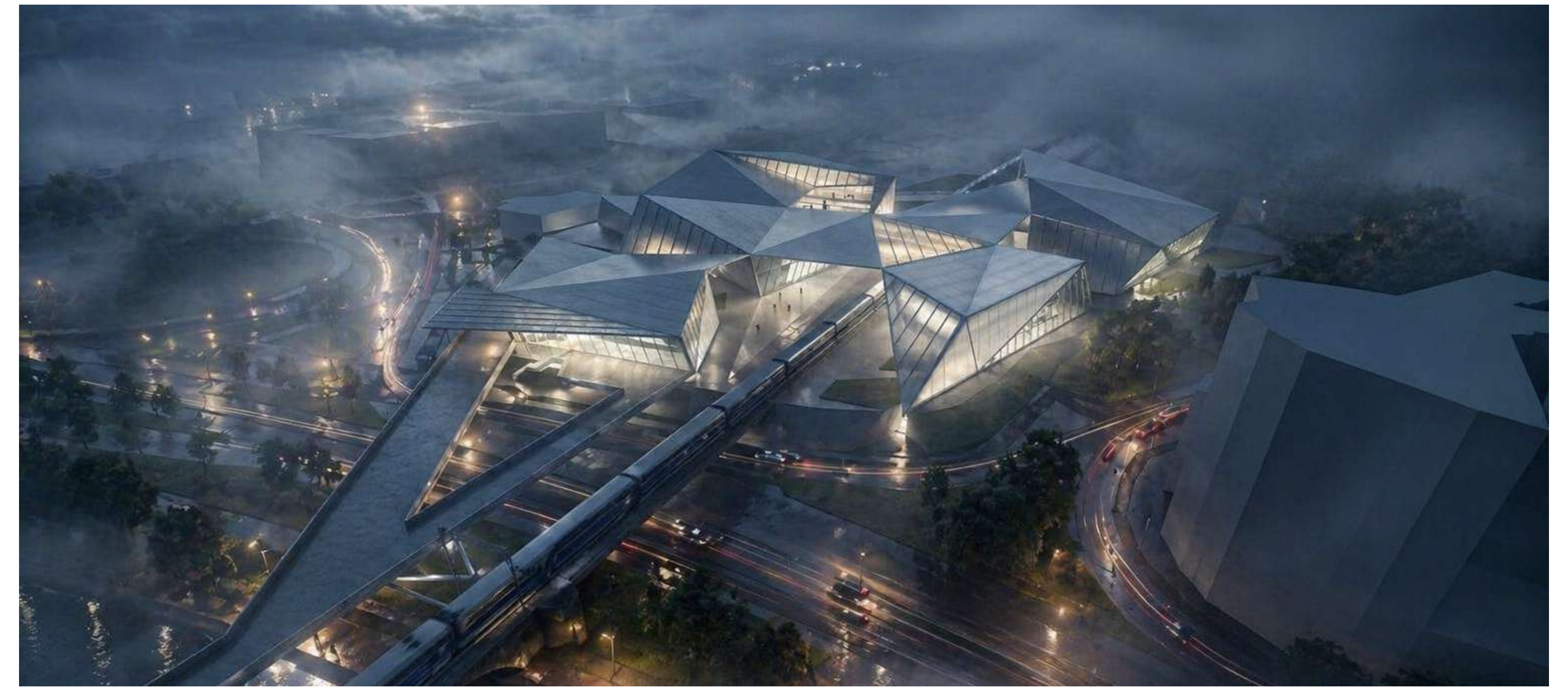
-PEDESTRIAN PASSAGE
-VEHICLE PASSAGE
-CAR PARKING AREAS
-CAR CHARGING ZONES
-AUTONOMUS CAR SPACE
-TECHNICAL SPACES
-MAIN AUDITORIUM

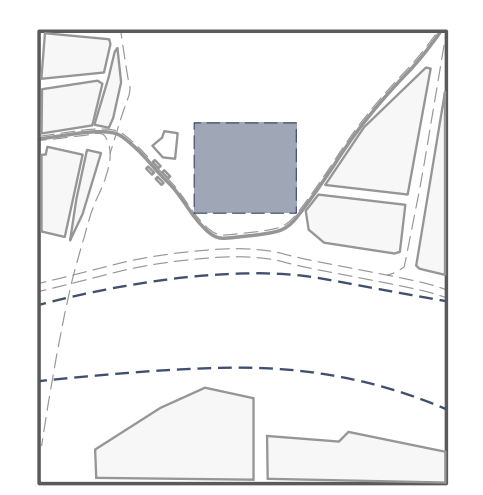

AGE DISTRIBUTION
25-35 YOUNG PROFESSIONALS AND STUDENTS
35-50 MIDDLE AGE RESIDENTS
50+ OLDER RESIDENTS
SOLID VOID RELATION
MAIN TRAFFIC LANES
XIXth Century Industrial district
Railway and Logistics Hub
Working Class Neighbourhood
War Background Deportation



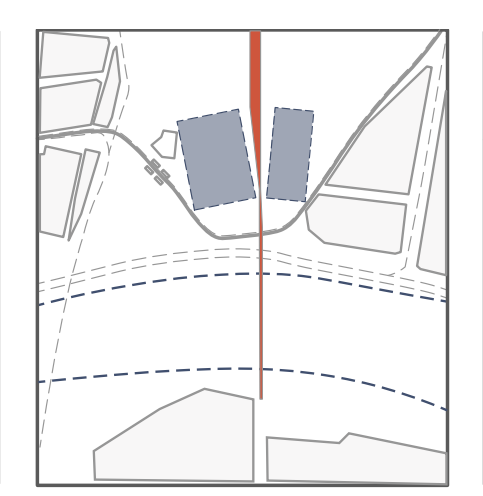

MEDIA FACADE LOCATING LOGIC
URBAN INTERFACE
URBAN INTERFACE
MEDIA FACADE
AUTONOMOUS CONNECTION
TRAIN CONNECTION
AUTONOMOUS CONNECTION
PEDESTRIAN CONNECTION
CAR ENTRANCE
VISUAL CONNECTION
TRAIN CONNECTION
COMMUNAL ZONE
FORMAL ZONE
FORMAL ZONE
COMMUNAL ZONE
BRIDGING THE TWO EDGES
ORIENTING THROUGH THE VLTAVSKA RIVER



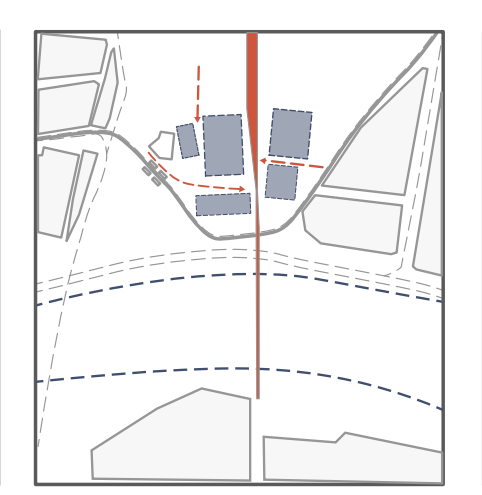




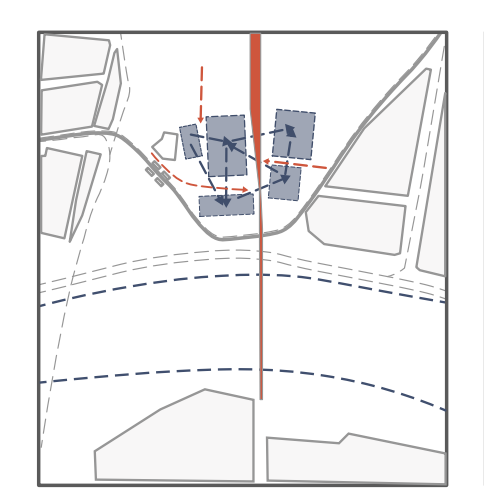
Determining the building footprint dimensions and program specific area requirements.



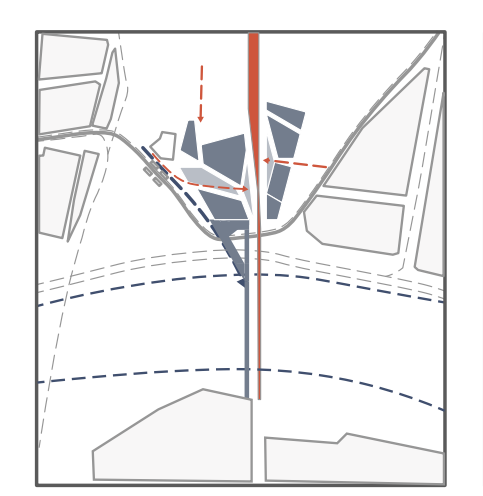
The mass is divided by the historic train line, establishing it as the primary axis of the project.



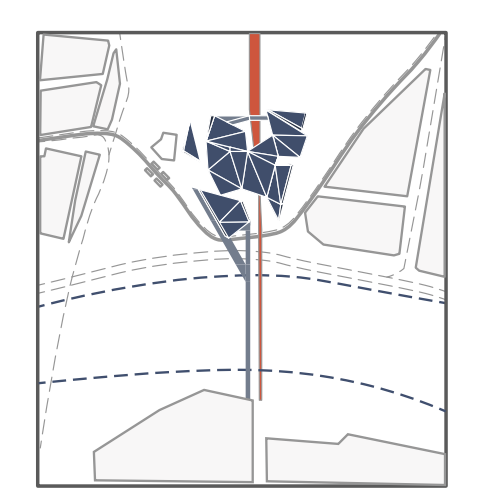
Fragmentation continues through secondary connections, including pedestrian and vehicular circulation routes.



Determining spatial allocation while creating an interconnected network of spaces.

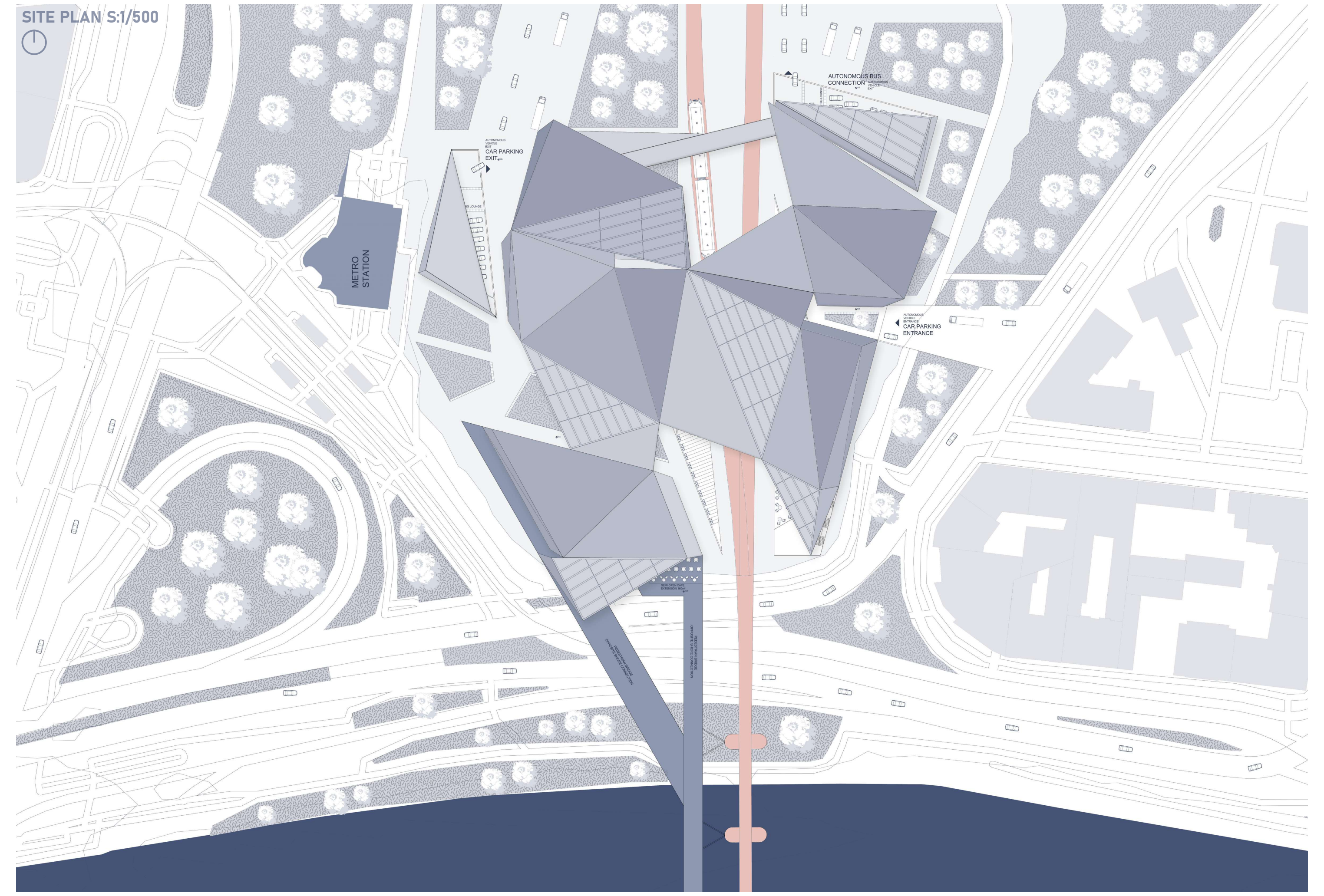


Linking both ends through pedestrian connections, expanding the network and introducing the train station.

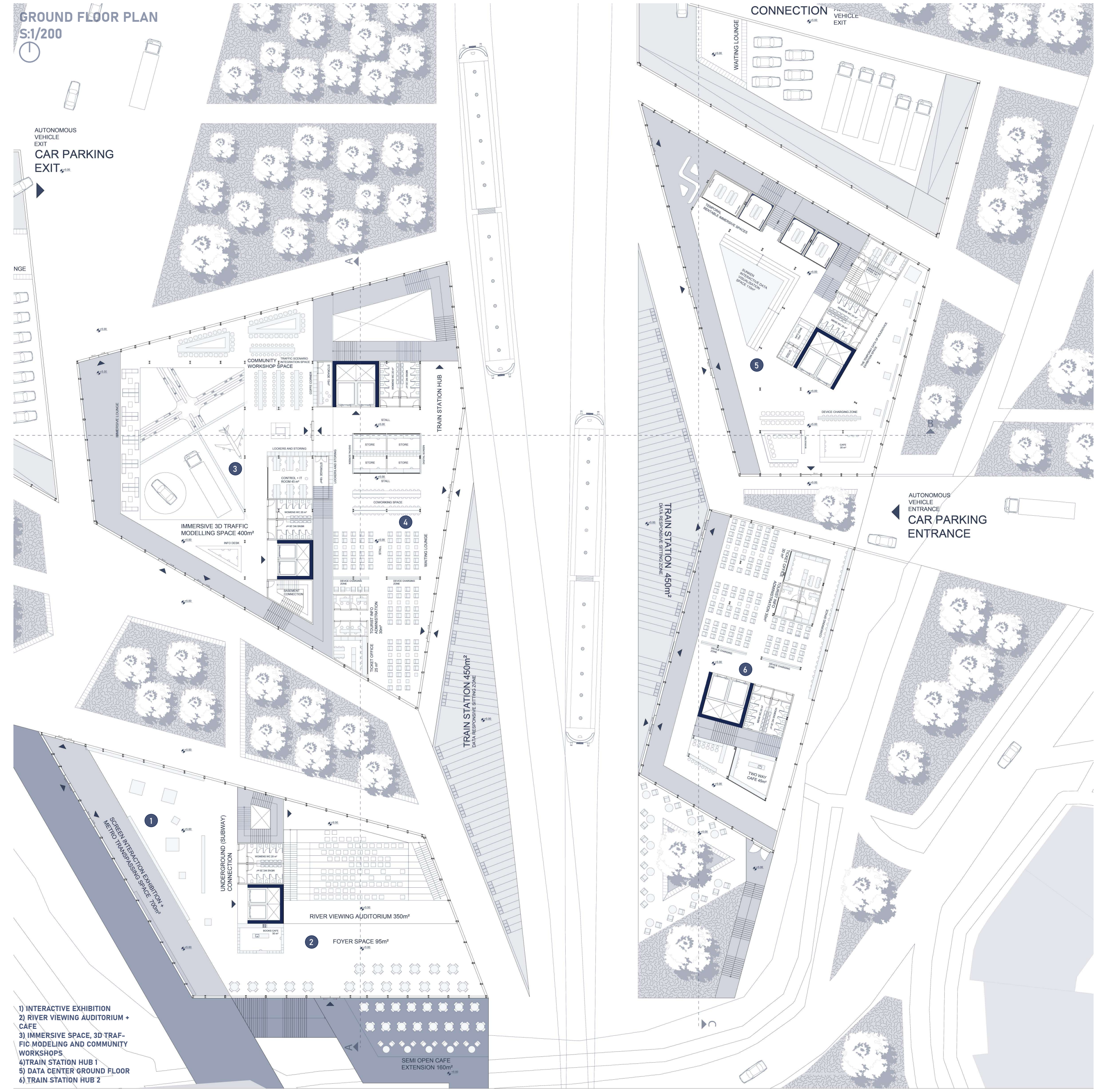


The Network Train Station and Data Center marks the stage where The Network finds its urban expression.

SITE PLAN S:1/500

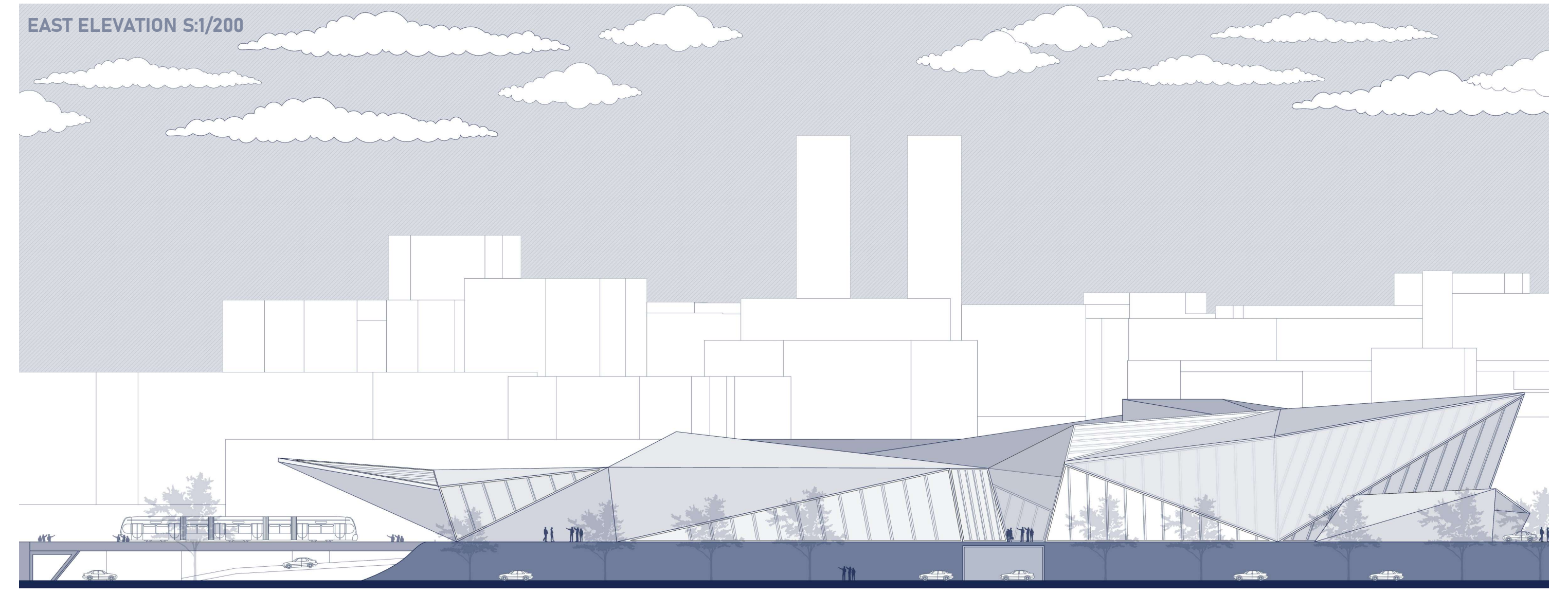

METRO STATION
AUTONOMOUS BUS CONNECTION
CAR PARKING EXIT
CAR PARKING ENTRANCE

GROUND FLOOR PLAN
S:1/200

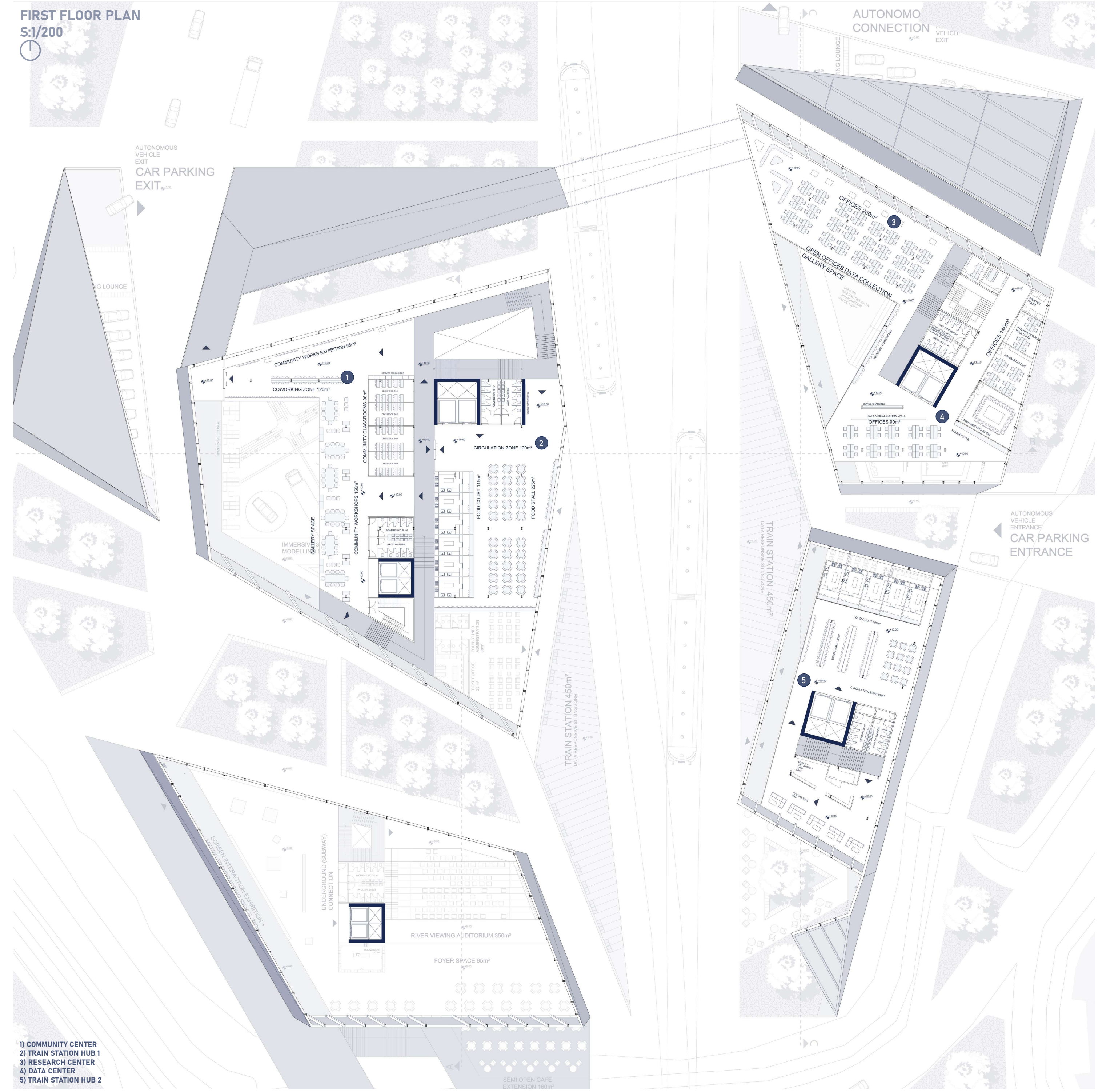

AUTONOMOUS VEHICLE EXIT
CAR PARKING EXIT
CONNECTION
WAITING LOUNGE
COMMUNITY WORKSHOP SPACE
TRAIN STATION HUB
IMMERSIVE 3D TRAFFIC MODELLING SPACE 400m²
TRAIN STATION 450m²
TRAIN STATION 450m²
AUTONOMOUS VEHICLE ENTRANCE
CAR PARKING ENTRANCE
SCREEN INTERACTION EXHIBITION + METRO TRANSPASSING SPACE
UNDERGROUND (SUBWAY) CONNECTION
RIVER VIEWING AUDITORIUM 350m²
FOYER SPACE 95m²
SEMI OPEN CAFE EXTENSION 160m²
1
2
3
4
5
6

1) INTERACTIVE EXHIBITION
2) RIVER VIEWING AUDITORIUM + CAFE
3) IMMERSIVE SPACE, 3D TRAFFIC MODELING AND COMMUNITY WORKSHOPS
4)TRAIN STATION HUB 1
5) DATA CENTER GROUND FLOOR
6) TRAIN STATION HUB 2

EAST ELEVATION S:1/200

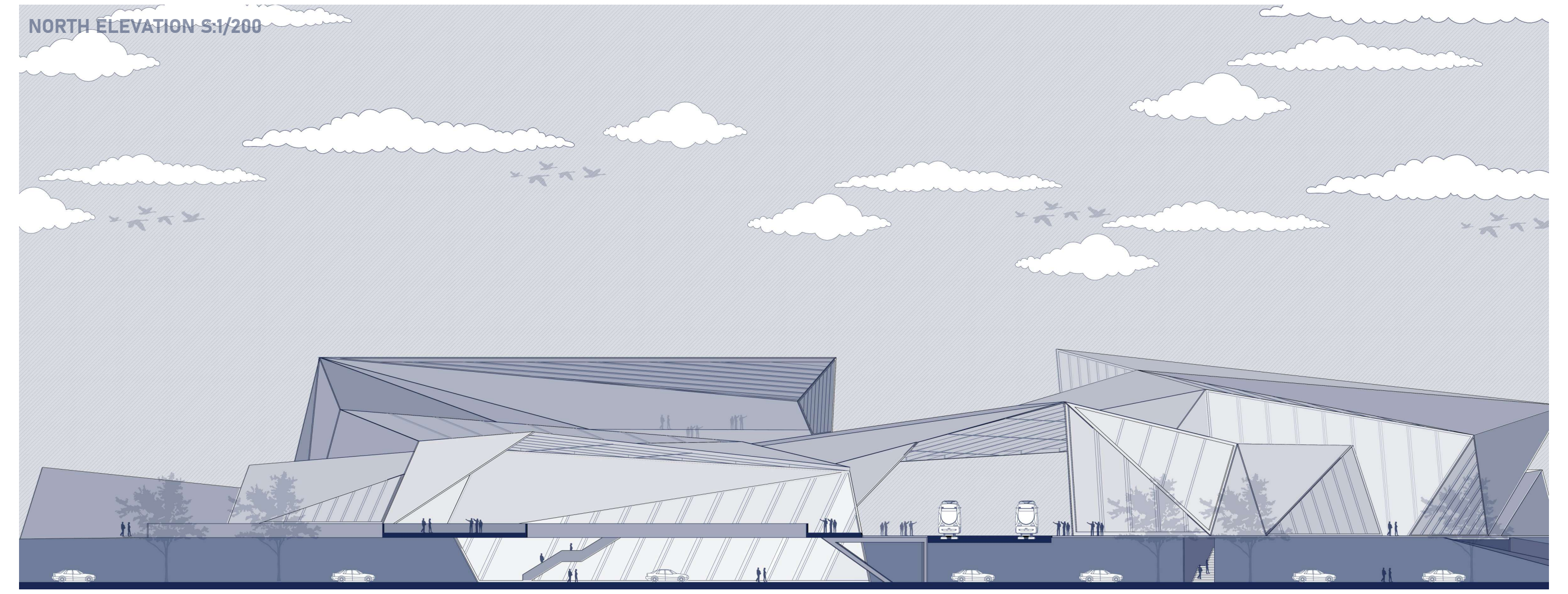


FIRST FLOOR PLAN
S:1/200

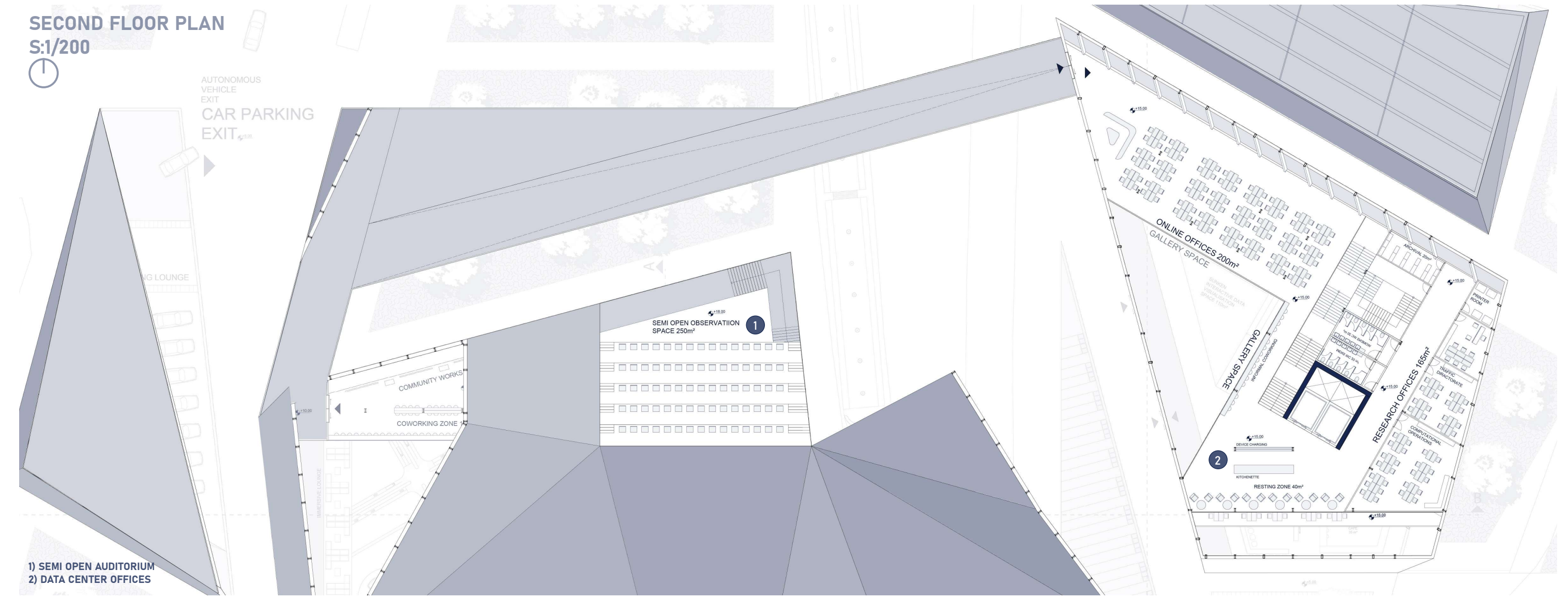

AUTONOMOUS VEHICLE EXIT
CAR PARKING EXIT
AUTONOMOUS CONNECTION
COMMUNITY WORKS EXHIBITION
COWORKING ZONE 120m²
COMMUNITY CLASSROOMS
COMMUNITY WORKSHOPS
CIRCULATION ZONE 100m²
FOOD COURT
FOOD STALL
GALLERY SPACE
OFFICES 200m²
OPEN OFFICES DATA COLLECTION
GALLERY SPACE
OFFICES 90m²
OFFICES 180m²
TRAIN STATION 450m²
AUTONOMOUS VEHICLE ENTRANCE
CAR PARKING ENTRANCE
UNDERGROUND (SUBWAY) CONNECTION
RIVER VIEWING AUDITORIUM 350m²
FOYER SPACE 95m²
SEMI OPEN CAFE EXTENSION
1
2
3
4
5

1) COMMUNITY CENTER
2) TRAIN STATION HUB 1
3) RESEARCH CENTER
4) DATA CENTER
5) TRAIN STATION HUB 2

NORTH ELEVATION S:1/200

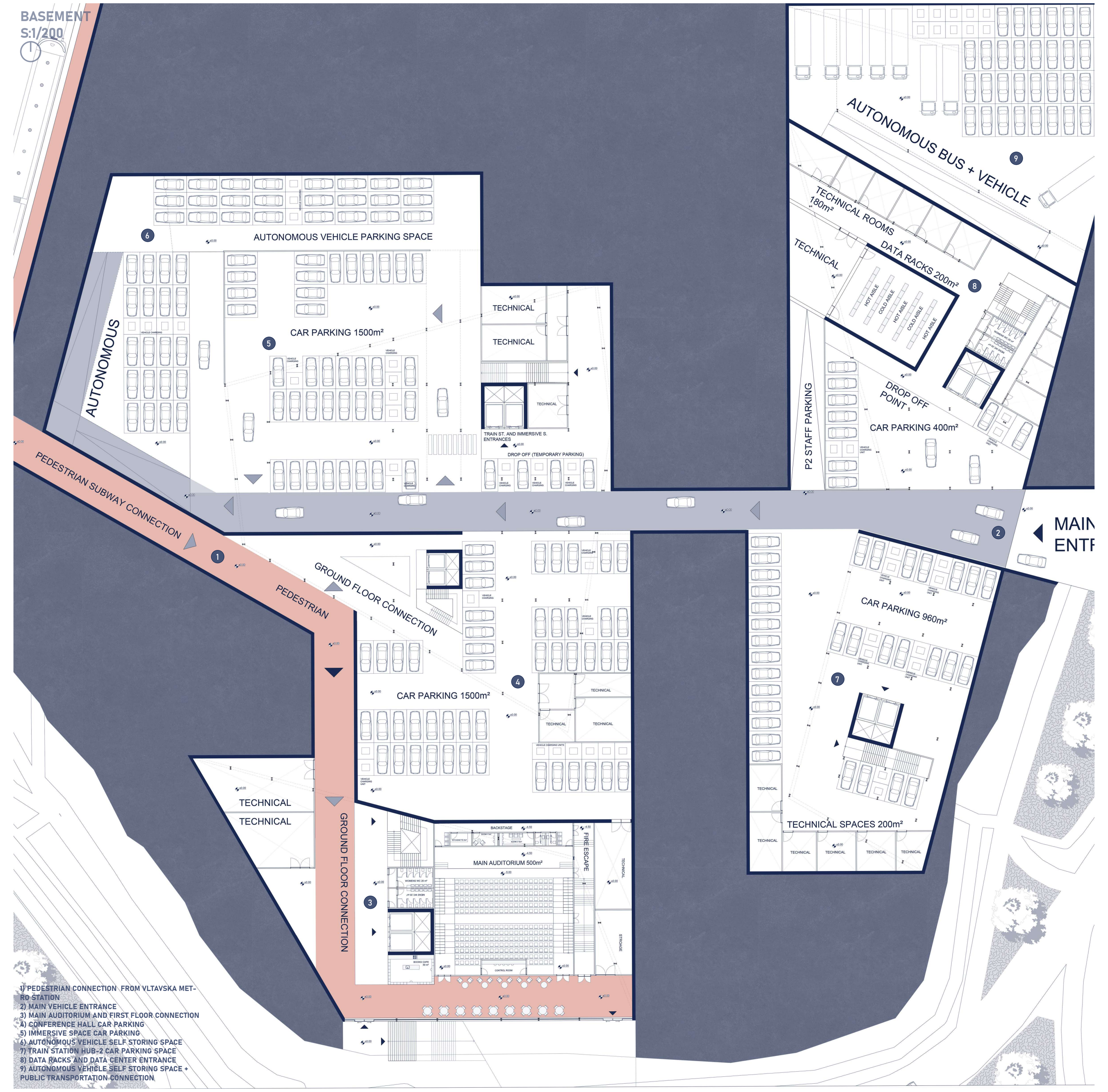


SECOND FLOOR PLAN
S:1/200


AUTONOMOUS VEHICLE EXIT
CAR PARKING EXIT
SEMI OPEN OBSERVATION SPACE 250m²
COMMUNITY WORKS
COWORKING ZONE
ONLINE OFFICES 200m²
GALLERY SPACE
GALLERY SPACE
RESEARCH OFFICES 160m²
RESTING ZONE 40m²
1
2

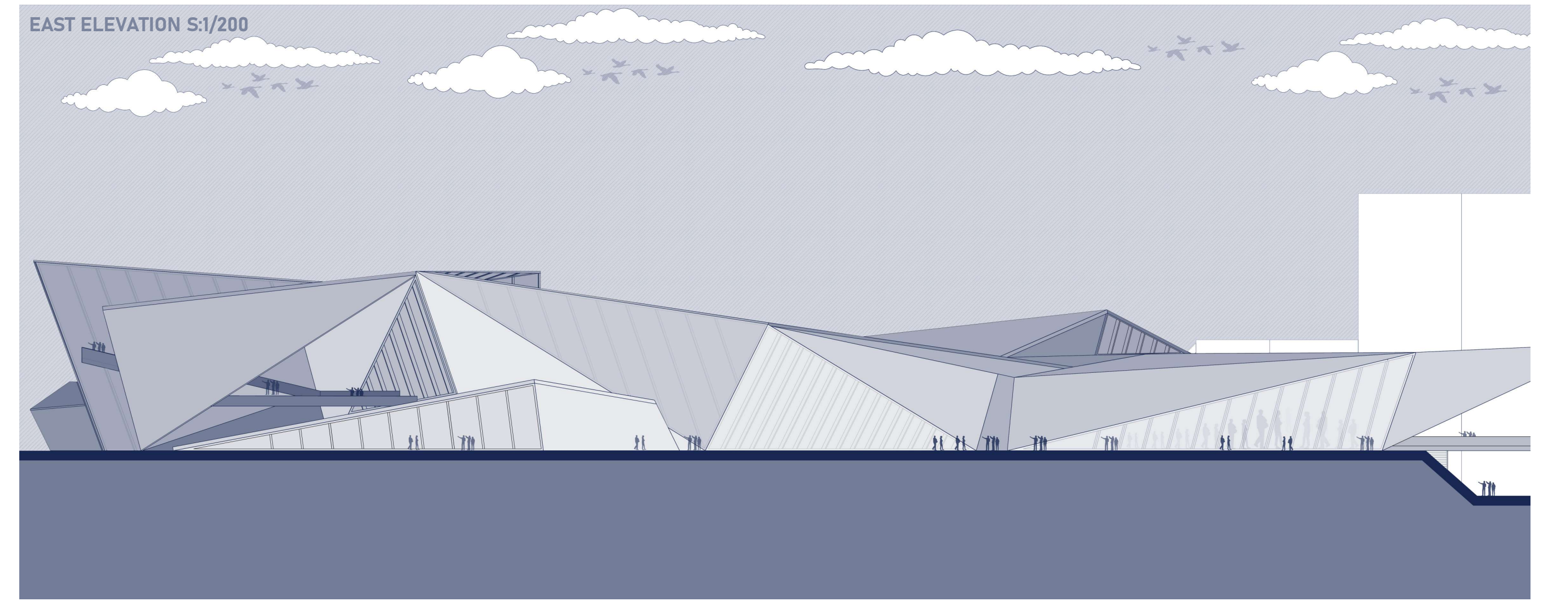
1) SEMI OPEN AUDITORIUM
2) DATA CENTER OFFICES

BASEMENT
S:1/200

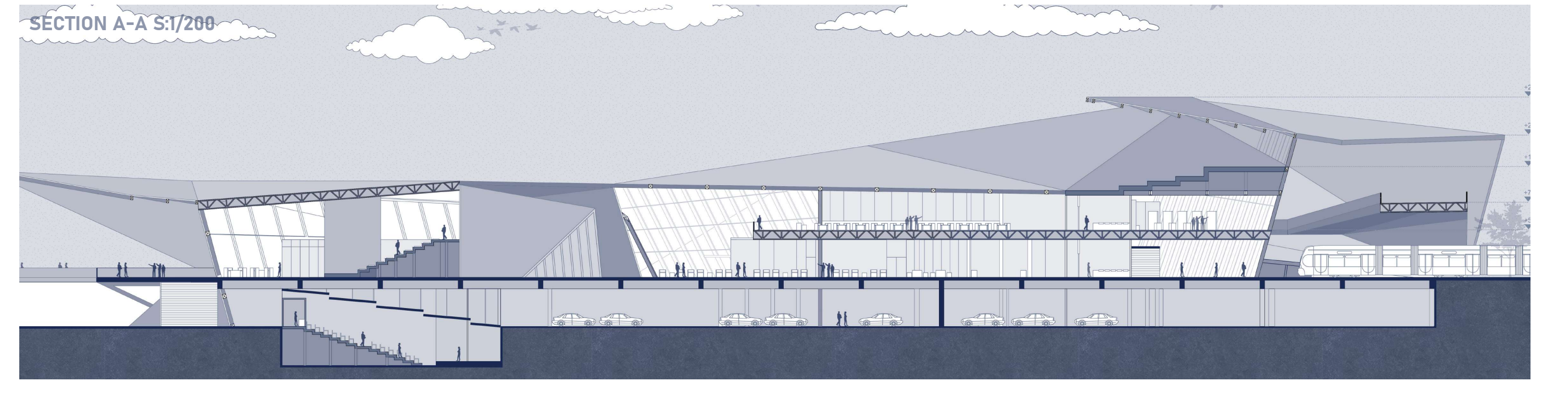

AUTONOMOUS VEHICLE PARKING SPACE
AUTONOMOUS
CAR PARKING 1500m²
TECHNICAL
TECHNICAL
TRAIN ST. AND IMMERSIVE S. ENTRANCES
DROP OFF (TEMPORARY PARKING)
AUTONOMOUS BUS + VEHICLE
TECHNICAL ROOMS 180m²
TECHNICAL
DATA RACKS 200m²
HOT AISLE
COLD AISLE
P2 STAFF PARKING
DROP OFF POINT
CAR PARKING 400m²
MAIN ENTR
PEDESTRIAN SUBWAY CONNECTION
PEDESTRIAN
GROUND FLOOR CONNECTION
CAR PARKING 1500m²
CAR PARKING 960m²
TECHNICAL
TECHNICAL
GROUND FLOOR CONNECTION
BACKSTAGE
MAIN AUDITORIUM 500m²
FIRE ESCAPE
STORAGE
TECHNICAL SPACES 200m²
1
2
3
4
5
6
7
8
9

1) PEDESTRIAN CONNECTION FROM VLTAVSKA METRO STATION
2) MAIN VEHICLE ENTRANCE
3) MAIN AUDITORIUM AND FIRST FLOOR CONNECTION
4) CONFERENCE HALL CAR PARKING
5) IMMERSIVE SPACE CAR PARKING
6) AUTONOMOUS VEHICLE SELF STORING SPACE
7) TRAIN STATION HUB-2 CAR PARKING SPACE
8) DATA RACKS AND DATA CENTER ENTRANCE
9) AUTONOMOUS VEHICLE SELF STORING SPACE + PUBLIC TRANSPORTATION CONNECTION

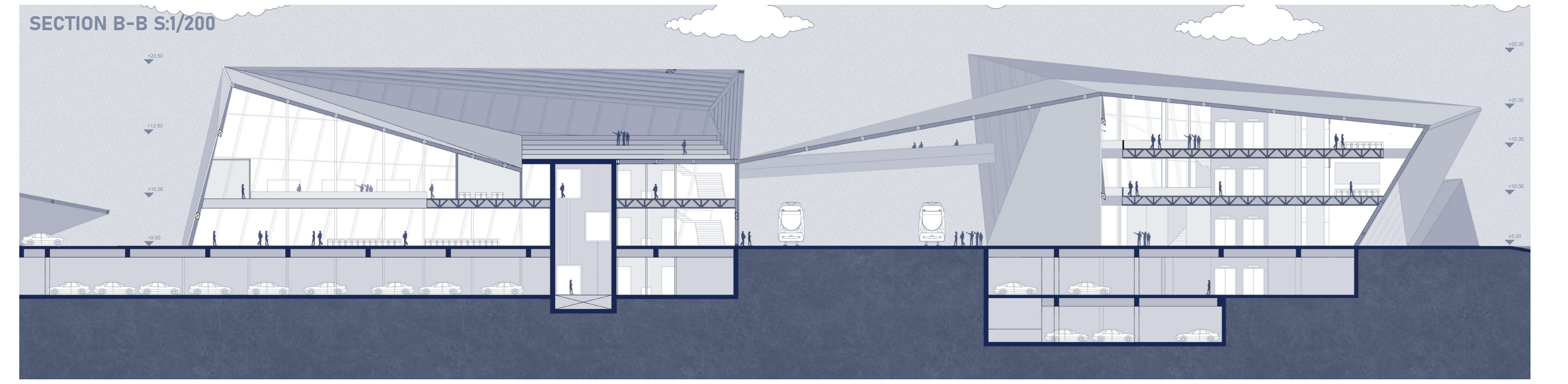
EAST ELEVATION S:1/200

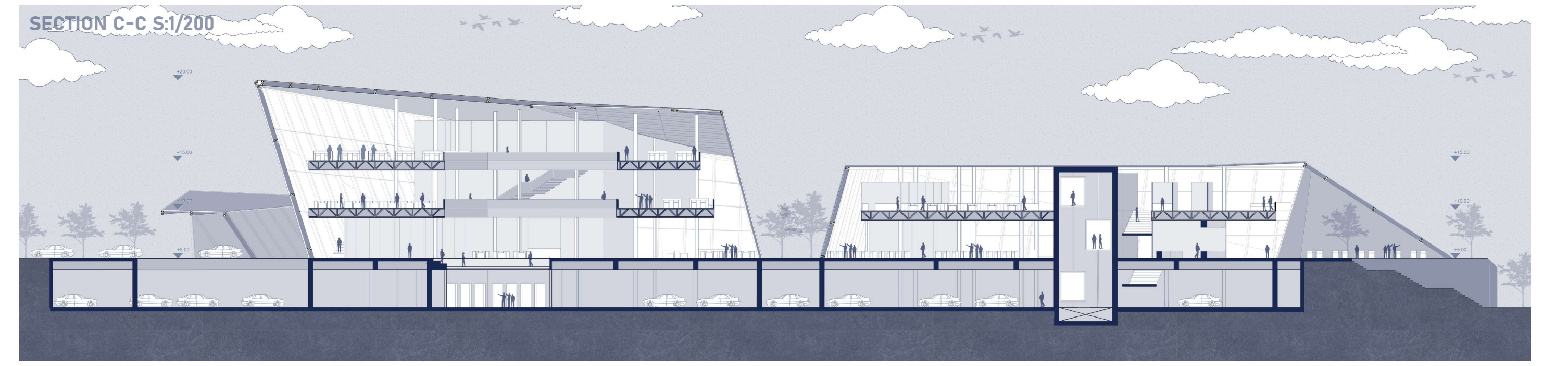
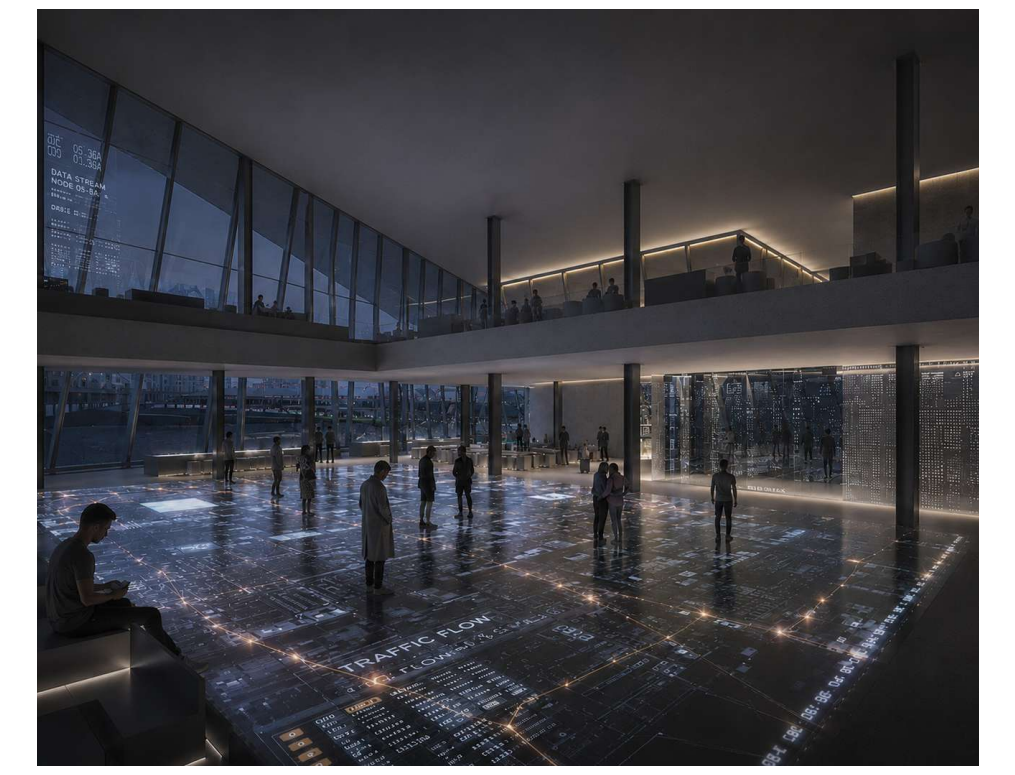


SECTION A-A S:1/200



SECTION B-B S:1/200



SECTION C-C S:1/200