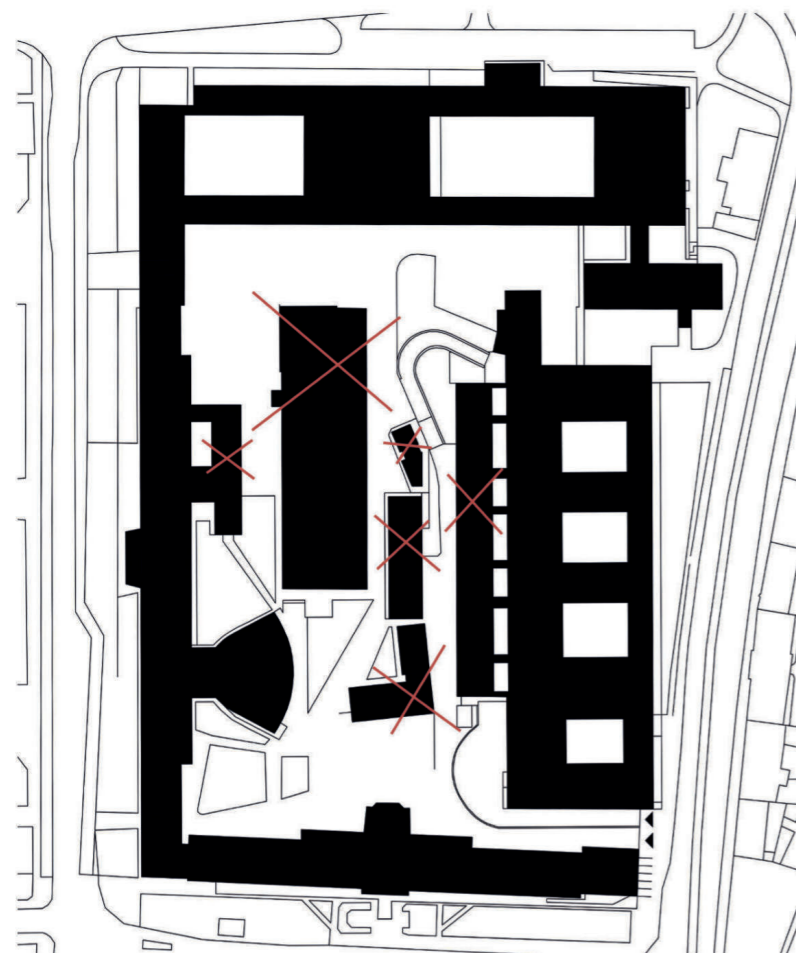


BRIDGE

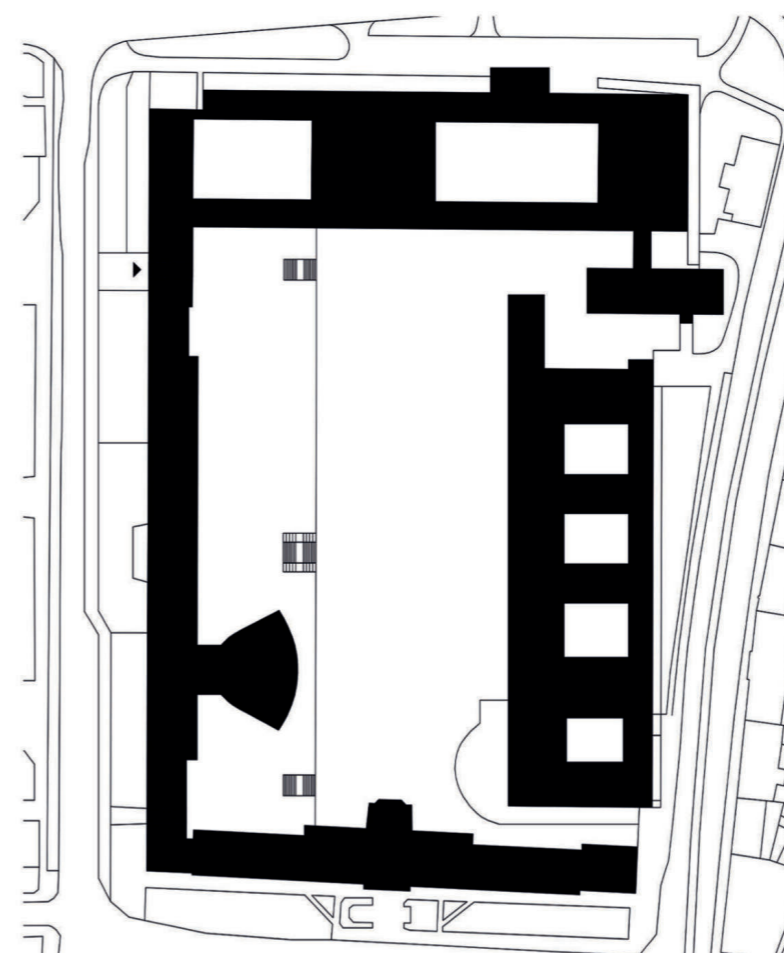
CENTER OF INNOVATION IN BRATISLAVA
TRANSFORMATION OF THE COURTYARD
MARKÉTA FARYOVÁ
doc. Ing. arch. ANTONÍN ODVÁRKA, Ph.D.

CONCEPT



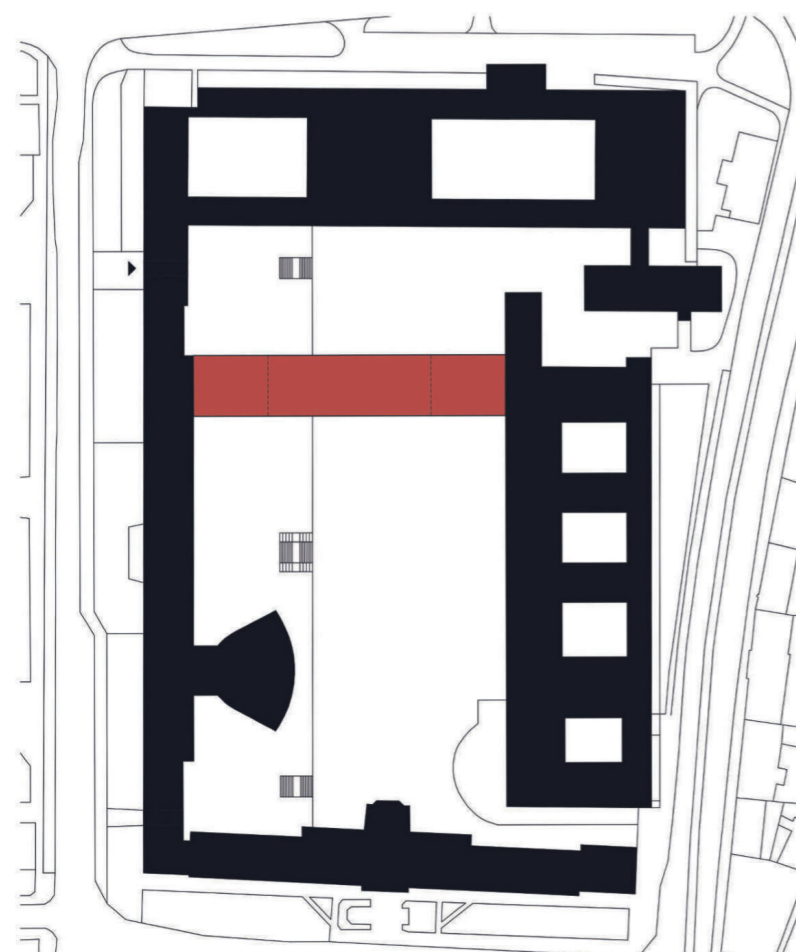
1. SPACING THE SPACE

- REMOVAL OF BUILDINGS (REPLACED IN A NEW BUILDING)
- PRESERVATION OF THE RAMP FOR UNDERGROUND PARKING
- > UNDERGROUND TRANSPORT AND OPERATION



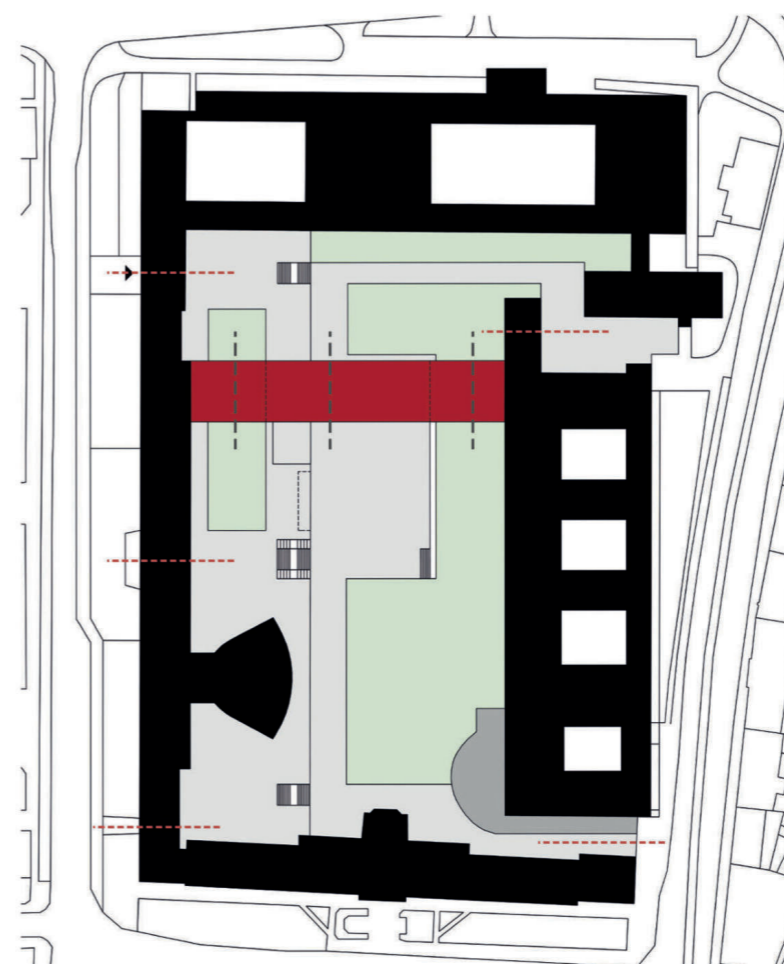
2. FIELD ADJUSTMENT

- FILED BREAK
- RESIDENTIAL STAIRS



3. NEW BUILDING - CONNECTIONS, COMMUNICATIONS AND CONTENT

- NEW UNIVERSITY CENTER BUILDING THAT WORKS AS A BRIDGE, CONNECTING FACULTIES BUT IT DOES NOT PREVENT TRAFIC IN THE COURTYARD



3. SEMI-PUBLIC SPACE

- SQUARE, LANDED AREAS, PARK, GREEN
- RESTORATION OF PASSAGES AND ENTRIES
- CONNECTION WITH NÁMĚSTÍ SVOBODY

DESCRIPTION

PURPOSE

THE CENTER IS LOCATED IN ONE NEW BUILDING THAT WORKS AS BRIDGE. IT CONNECTS THE EXISTING STU FACULTIES IN UNDERGROUND AND ABOVE-GROUND FLOORS. IT ALSO CONNECTS WITH NÁMĚSTÍ SVOBODY. IT IS DESIGNED SO THAT IT DOESN'T PREVENT TRAFFIC IN THE COURTYARD. IT HAS 5 ABOVE GROUND FLOORS AND 2 UNDERGROUND FLOORS.

EXISTING TEMPORARY BUILDINGS AND HEAVY LABORATORIES IN COURTYARD ARE DEMOLISHED. THESE SPACES ARE REPLACED IN THE NEW CENTER.

THE CENTER CREATES CONDITIONS FOR COOPERATION OF THE PROFESSIONALS AND ACADEMIC ENVIRONMENT, AND TO SERVE AS AN IMPORTANT CITY SPACE FOR COMMUNICATION WITH PUBLIC. THERE ARE SPACES FOR SPENDING LEISURE FOR STUDENTS IN INTERIOR AND EXTERIOR.

THERE IS A OPEN COMMUNICATE SPACE - ATRIUM IN THE CENTRAL PART OF THE BUILDING (COMMUNICATION CORE). A LIGHTWEIGHT COVER WITH A COMBINATION OF TRANSPARENT AND CLEAR GLASS IS DESIGNED ON THE BUILDING. OBJECT IS SIMPLE AND CLEAN, THE CONSTRUCTION IS ACCEPTED.

PARKING AND HEAVY DUTY TRAFFIC ARE LOCATED IN THE UNDEGROUND PART OF BUILDING. THE FIRST FLOOR IS PARTIALLY IN THE FIELD, THE ENTRANCES TO THE BUILDING ARE ON THE SECOND FLOOR. THERE ARE CANTEEN, LIBRARY AND INNOVATIVE CENTER ON THE LOWER FLOORS AND THERE ARE OFFICES, EXPERIENCE CENTER, COVERED TERRACE ETC ON THE HIGHEST FLOORS. CATERING, SPACE FOR RELAXATION, GALLERIES AND MORE ARE IN THE ATRIUM.

BECAUSE OF TO LARDE HIGHT DIFFERENCE THERE IS DESIGNED A FIELD BREAK.

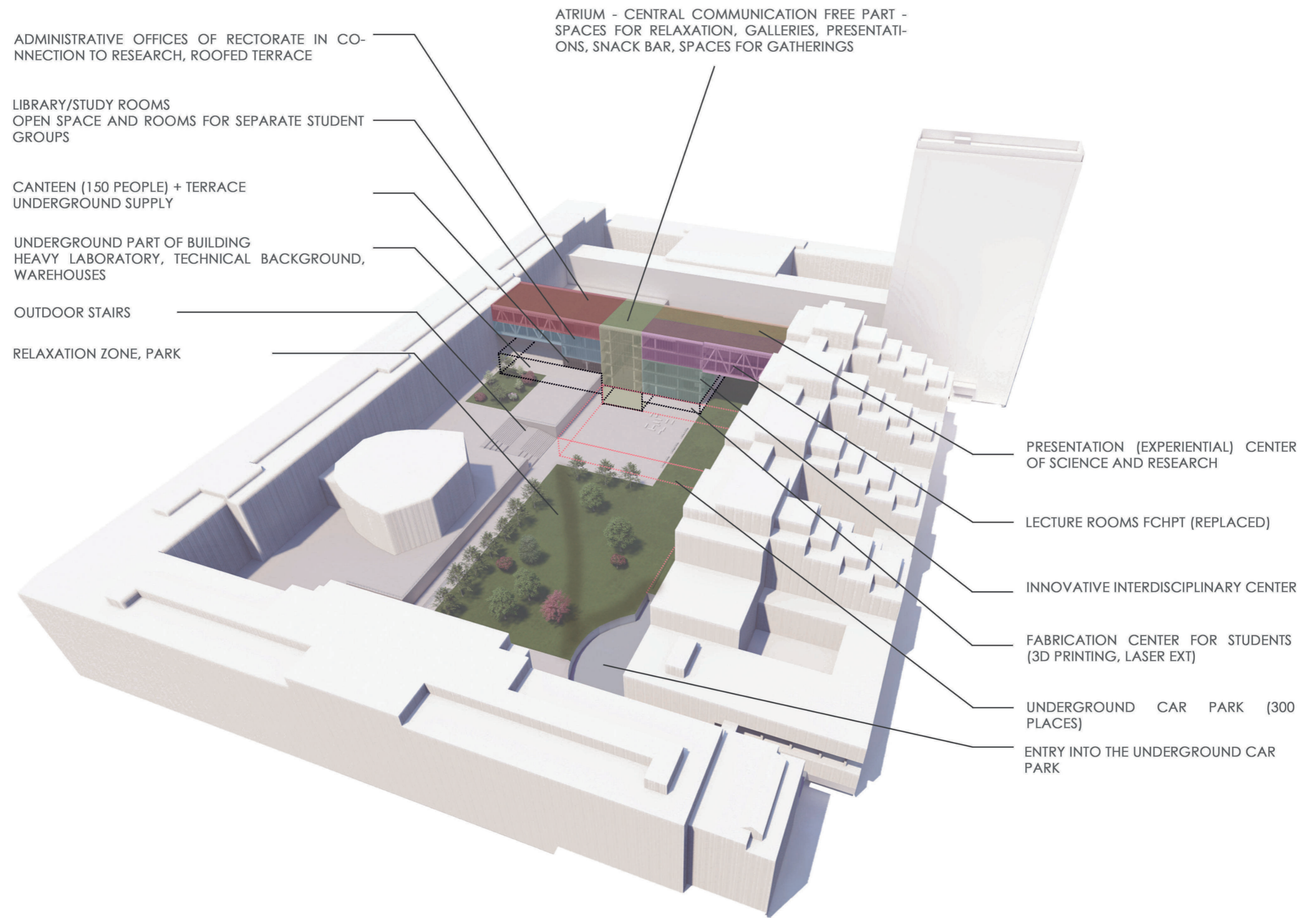
IT IS ALSO DESIRED TO OPEN EXISTING ENTRANCES TO THE COURTYARD AND CREATE NEW ENTRANCES FROM THE FACULTIES. THERE IS A SQUARE IN FRONT OF THE BUILDING AND THERE ARE ALSO FIXED AREAS AND PARKS.

THE SUPPORT SYSTEM OF THE OBJECT IS A REINFORCED CONCRETE SKELETON SYSTEM WITH DRAWINGS. THE OBJECT HAS TWO COMMUNICATION STRENGTHENING CORE. OVERCOMING A LARGE SPANGE IS SOLVED USING COMPARTMENT STEEL STRUCTURES. THE ROOF IS GREEN.

SPACES

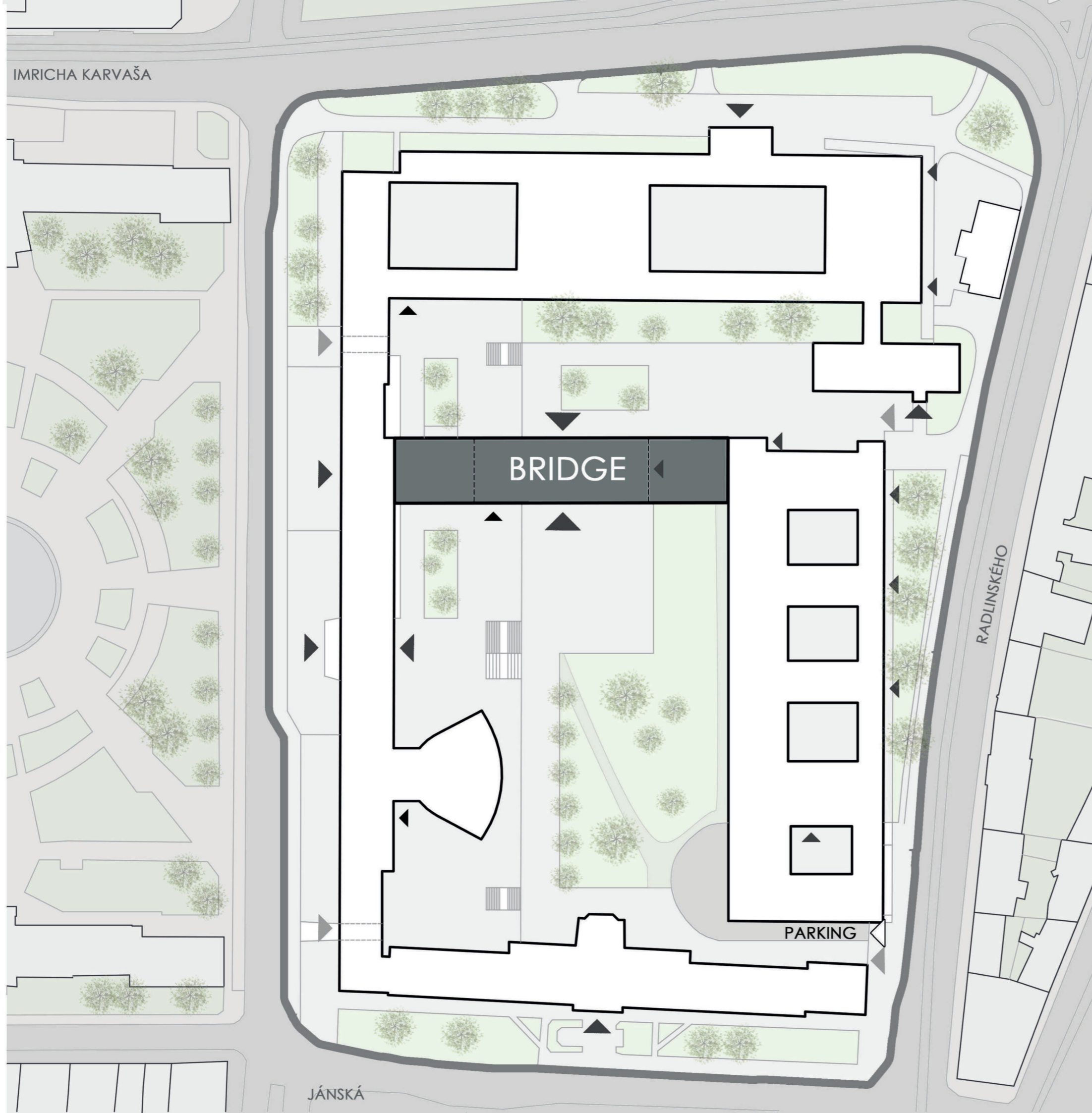
INNOVATIVE INTERDISCIPLINARY CENTER	1370 m ²
START UP CENTER	570 m ²
LIBRARY/STUDY ROOMS	1100 m ²
PRESENTATION (EXPERIENTIAL) CENTER OF SCIENCE AND RESEARCH	360 m ²
ADMINISTRATIVE OFFICES OF THE RECTORATE IN CONNECTION TO RESEARCH	370 m ²
LECTURE ROOMS	400 m ²
CANTEEN	550 m ²
WORKSHOPS	280 m ²
HEAVY LABORATORY	880 m ²
TECHNICAL BACKGROUND	260 m ²
UNDERGROUND GARAGE - 300 PLACES	6610 m ²
SPACES FOR RELAXATION, AREAS FOR PRESENTATIONS AND EXHIBITIONS, SPACES FOR GATHERINGS	3990 m ²

CONTENT



SITUATION

IMRICHA KARVAŠA



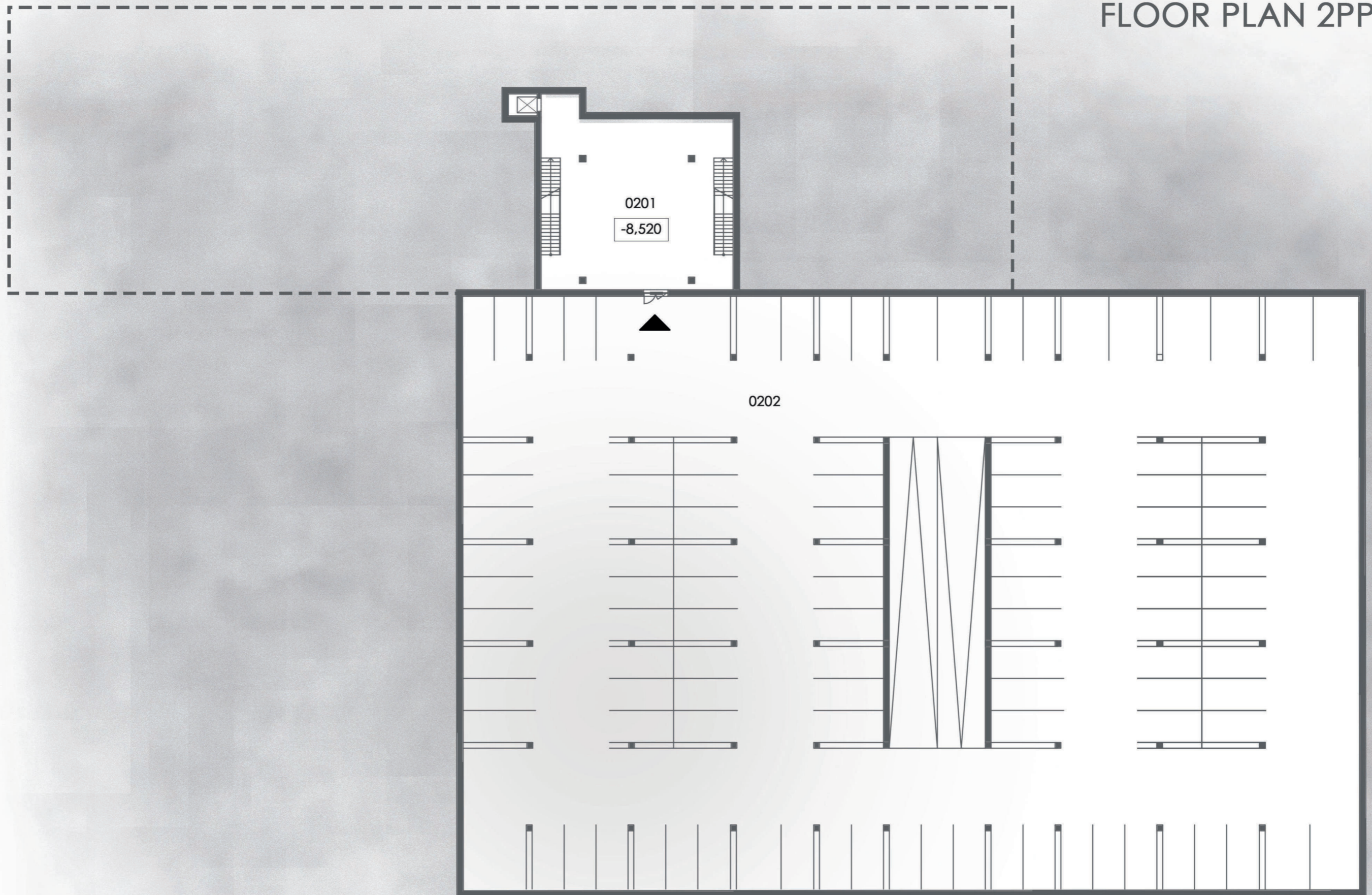
JÁNSKÁ

RADLINSKÉHO



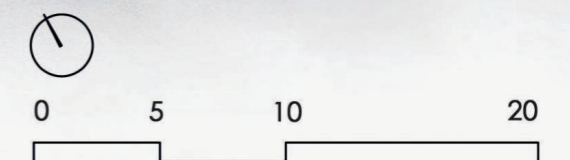
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FLOOR PLAN 2PP



0201 ENTRANCE AREA
0202 PARKING

200 m²
318 m²

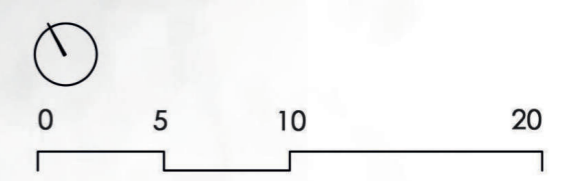


FLOOR PLAN 1PP



FCHPT

0101 HALLWAY	220 m ²	0107 CORRIDOR	107 m ²
0102 WC	42,2 m ²	0108, 0109 TECHNICAL BACK.	240 m ²
0103 STAIRCASE	30,2 m ²	0110 FABRICATION CENTER	279 m ²
0104 WC	14,9 m ²	0111 PARKING	318 m ²
0105, 0160 HEAVY LABS	703 m ²	0112 CANTEEN SUPPLY	10,2 m ²

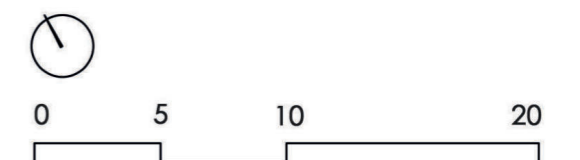


FLOOR PLAN 1NP

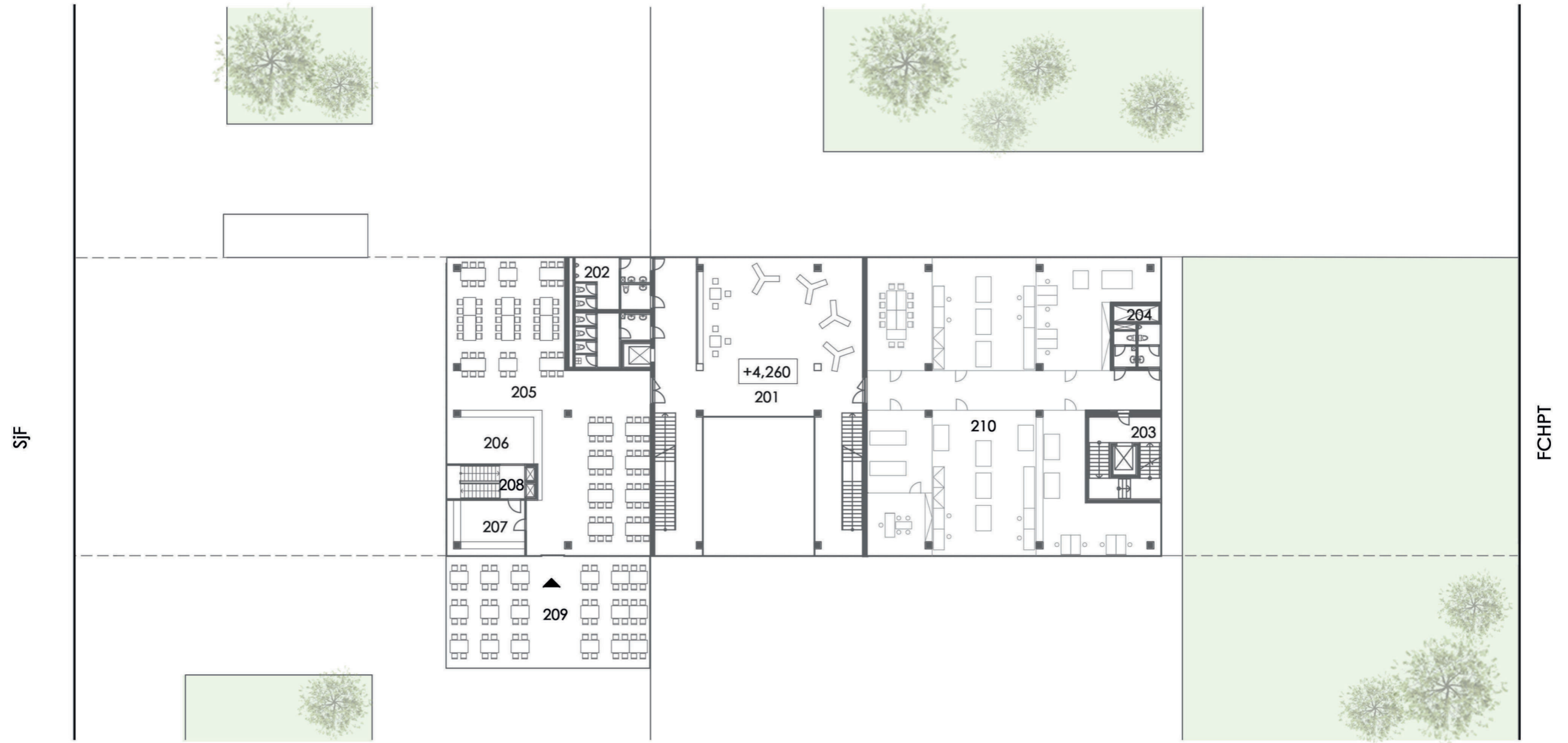


LEGENDA

101 FOYER	264 m ²	106 CORRIDOR	153 m ²	112 STAIRCASE	30,2 m ²
102 WC	42,2 m ²	107 CORRIDOR	39,7 m ²	113 INNOVATIVE CENTER	390 m ²
103 STAIRCASE	30,5 m ²	108 STAFF	40,7 m ²	114 LOCKING CABINETS	60,3 m ²
104 WC	14,9 m ²	109, 110 WAREHOUSES	46,1 m ²		
105 HEAVY LABORATORY	474 m ²	111 FINISHING KITCHEN	45,5 m ²		

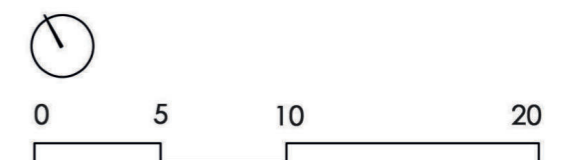


FLOOR PLAN 2NP



LEGENDA

201 ATRIUM - RELAXATION	264 m ²	206 DISPENSING	153 m ²
202 WC	42,2 m ²	207 WHITE DISHWASHER	39,7 m ²
203 STAIRCASE	30,5 m ²	208 STAIRCASE	40,7 m ²
204 WC	14,9 m ²	209 TERRACE	46,1 m ²
205 CANTEEN	474 m ²	210 INNOVATIVE CENTER	45,5 m ²

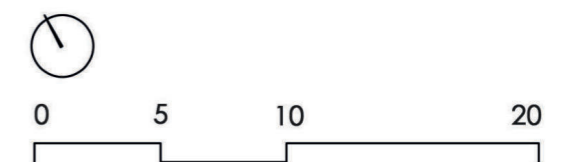


FLOOR PLAN 3NP



LEGENDA

301 ATRIUM RELAXATION	264 m ²	306 INNOVATIVE CENTER	153 m ²
302 WC	42,2 m ²		
303 STAIRCASE	30,5 m ²		
304 WC	14,9 m ²		
305 LIBRARY/STUDY ROOMS	474 m ²		

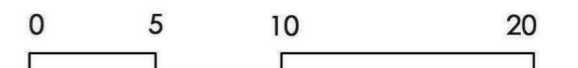


FLOOR PLAN 4NP



LEGENDA

401 ATRIUM, GALLERY	264 m ²	406 INFORMATION (LIBRARY)	20,2 m ²	411 STARTUP CENTER	264 m ²
402 WC	42,2 m ²	407 STAFF	12,1 m ²	412 CHILL OUT	42,2 m ²
403 STAIRCASE	30,5 m ²	408 ADMINISTRATIVE (LIBRARY)	14,2 m ²	413 WAREHOUSE	30,5 m ²
404 WC	14,9 m ²	409 WAREHOUSE	28,7 m ²	414, 415 LECTURE ROOMS	14,9 m ²
405 LIBRARY	607 m ²	410 STUDY ROOMS	119 m ²	ENTRY FLOOR 5NP	474 m ²

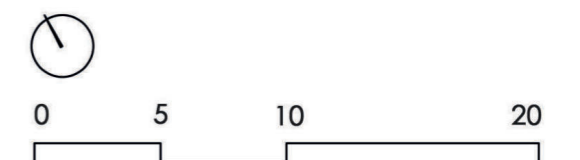


FLOOR PLAN 5NP

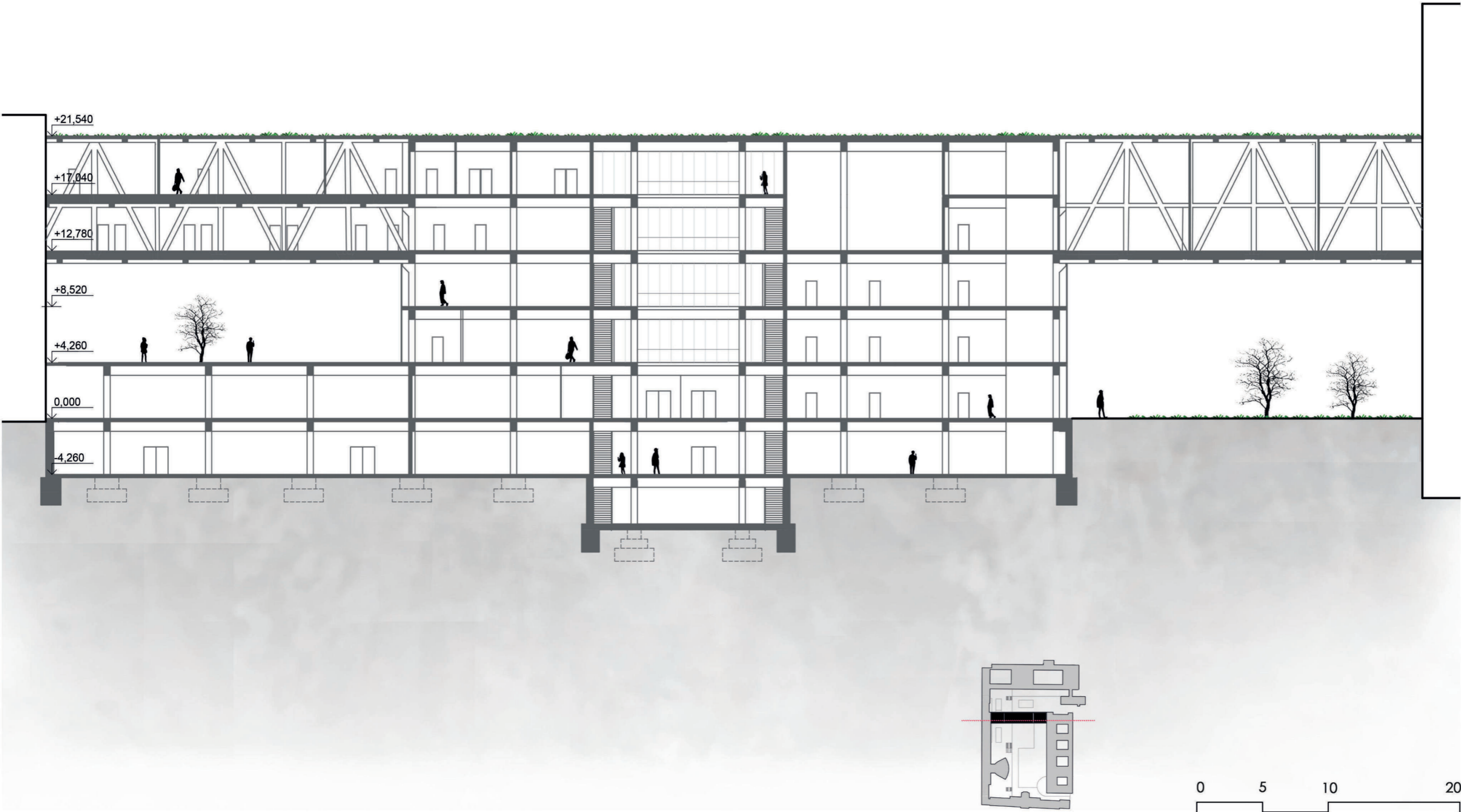


LEGENDA

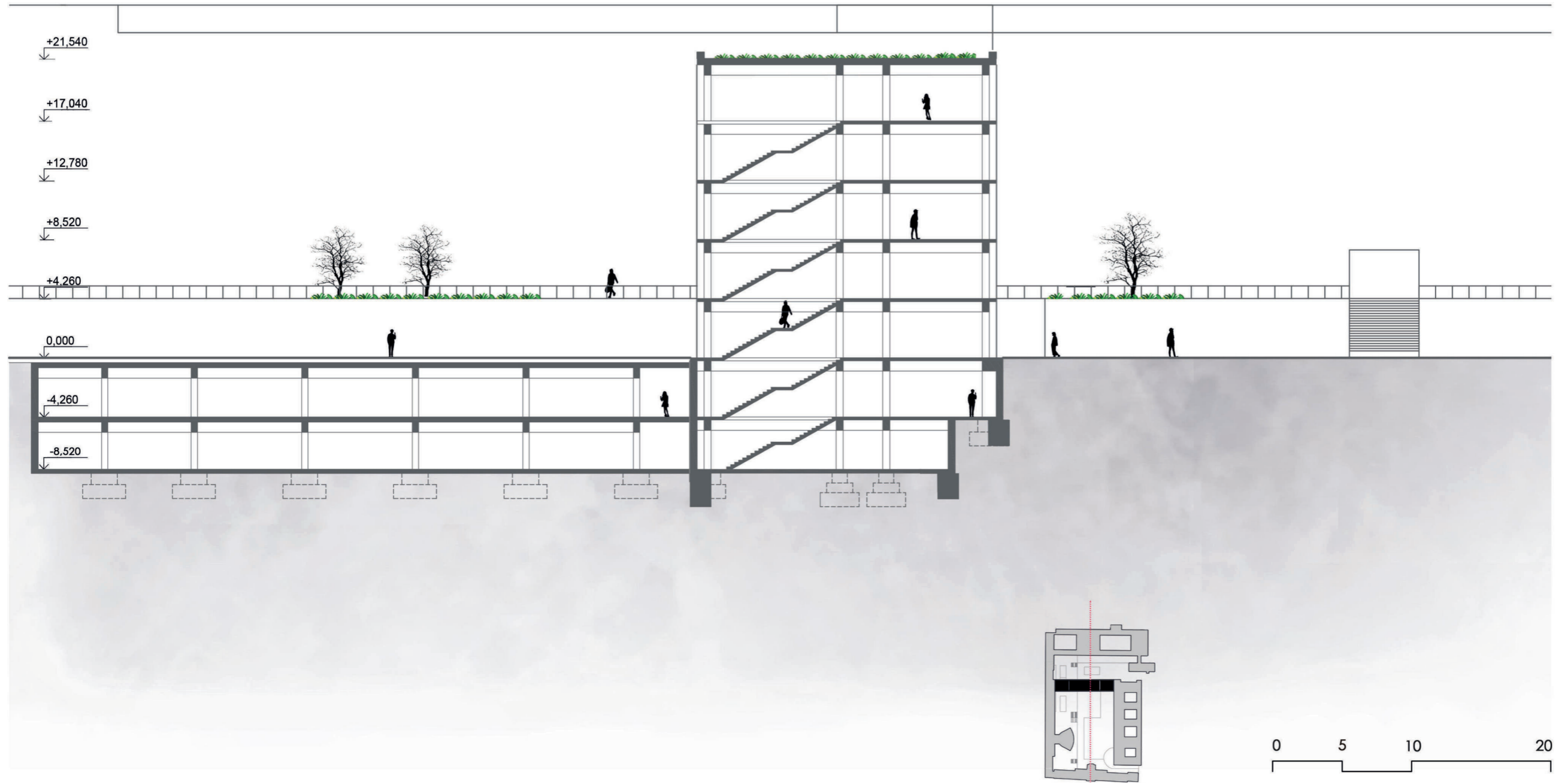
501 ATRIUM, GALLERY	264 m ²	506 ADMINISTRATIVE OFFICES	250 m ²	511 ROOFED TERRACE	285 m ²
502 WC	42,2 m ²	507 KITCHEN	18,8 m ²	512 CORRIDOR	153 m ²
503 STAIRCASE	30,5 m ²	508 ILLUMINATION	14,1 m ²	513 PRESENTATION CENTER	350 m ²
504 WC	14,9 m ²	509 MEETING ROOM	64,1 m ²	514 GATHERINGS	52,9 m ²
505 CORRIDOR	170 m ²	510 WAREHOUSE	17,2 m ²	515, 516 LECTURE ROOMS	400 m ²



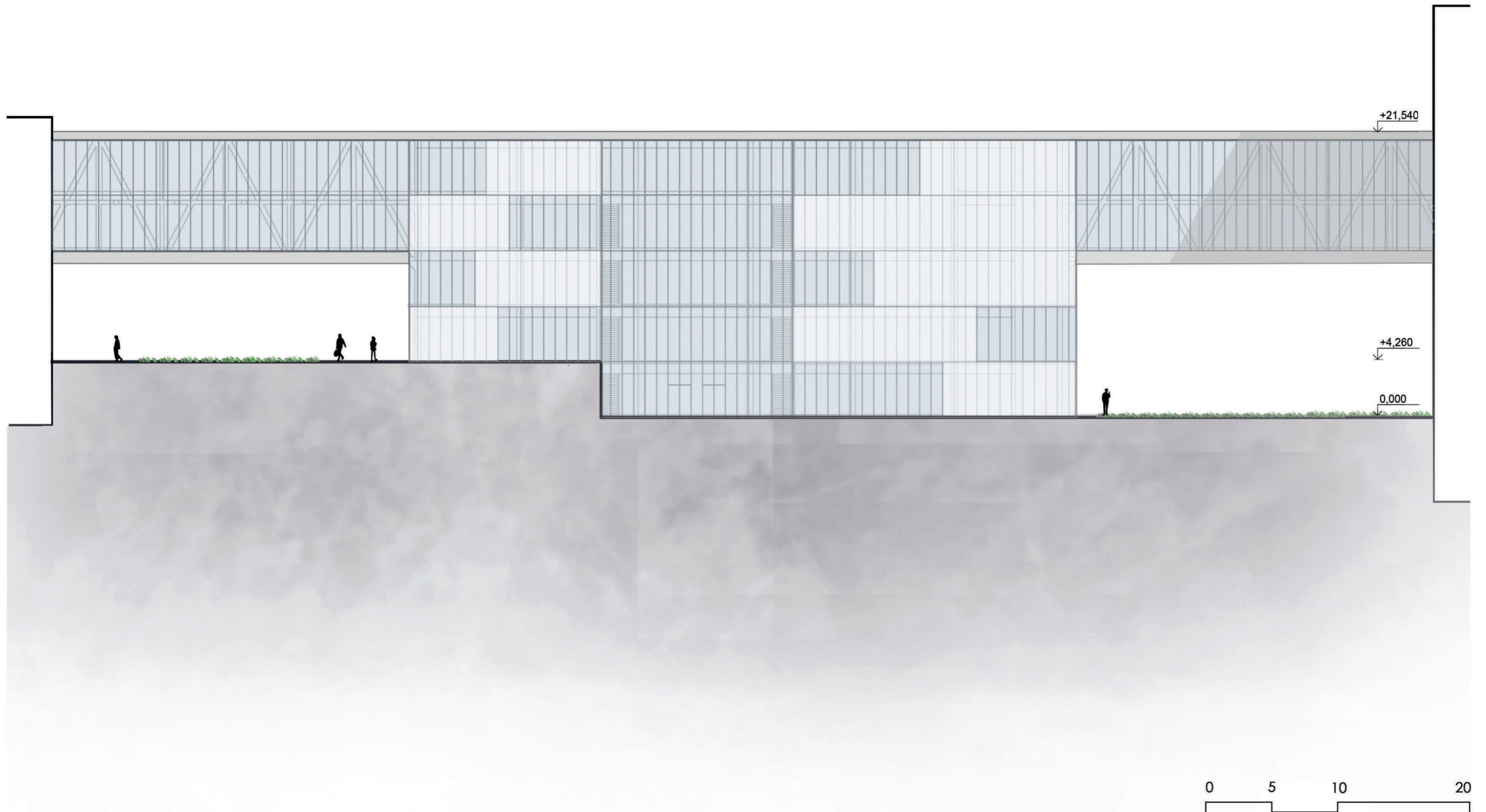
SECTION



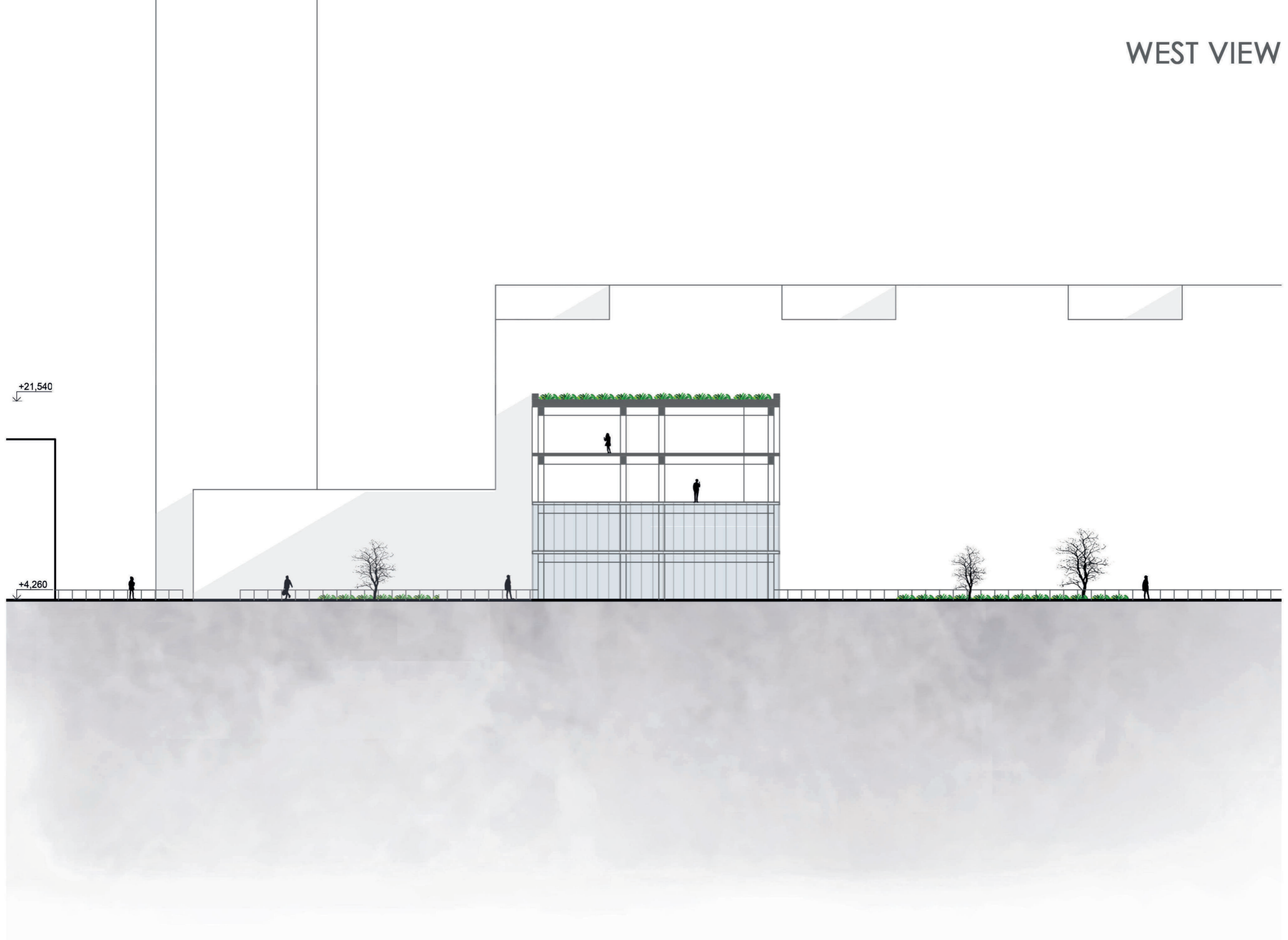
SECTION



SOUTH VIEW

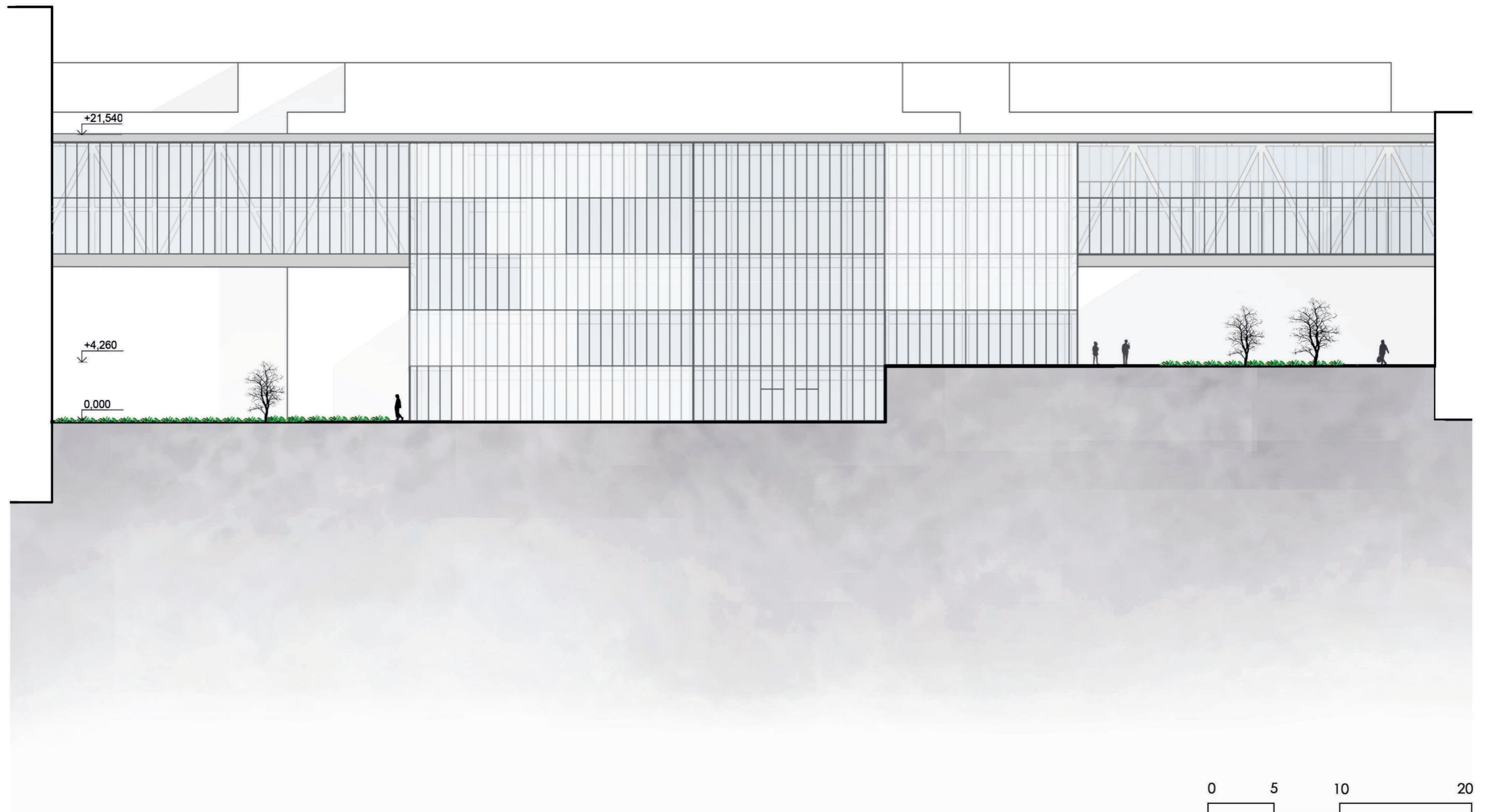


WEST VIEW



0 5 10 20

NORTH VIEW



EAST VIEW



