

GENERAL NOTES:

- 1- ALL DIMENSIONS ARE IN METERS
- 2- ALL LEVELS ARE IN METERS

PROFESSORS:

Dr. Hussein Wannous	Dr. Mostafa Ibrahim
Dr. Hasan Hussein	Dr. Raed Jouni
Dr. Hasan Sherkawi	Dr. Adib Haydar
Dr. Antoine Awwad	Dr. Nada Fakih

STUDENTS:

SARA HARB
 MOHAMMAD HIJAZI

PROJECT CONCEPT :

The project's core concept revolves around seamless integration with nature, ensuring that the architecture does not detach from the spirit of the land on which it stands. By adopting a terraced design approach, the building gently follows the natural slope of the site, echoing the rhythm of the surrounding landscape.

A minimal amount of excavation was introduced to embed certain service and structural elements beneath the surface, maintaining the natural topography as much as possible. This strategy not only enhances environmental harmony but also represents a departure from the conventional architectural language of Lebanese University campuses.

The result is a modern reinterpretation of traditional architectural thinking—a vision that respects the terrain, embraces sustainability, and reflects a refined dialogue between built form and nature.

PROJECT :

FACULTY OF SCIENCES
 NABATIYEH

PHASE :

CONCEPTUAL

DRAWING :

INTRODUCTION

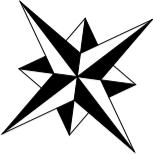
DATE	SCALE
03-11-2025	-

INTRODUCTION

YEAR :

2025 - 2026





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SARA HARB
MOHAMMAD HIJAZI

PROJECT :

FACULTY OF SCIENCES
NABATIYEH

PHASE :

PRESPECTIVE VIEW

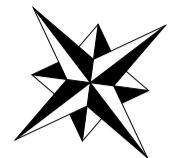
DRAWING :

3D PREPECTIVES

DATE : 03-11-2025
SCALE : -
RENDER

YEAR : 2025 - 2026





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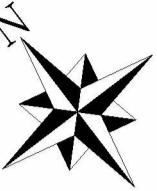
SARA HARB
 MOHAMMAD HIJAZI

Detailed Spaces program
Lebanese University, New Faculty of Sciences (Nabatieh)

Section	Space	Quantity	Unit Area (sqm)	Notes	Total Area (sqm)
Administration	Meeting room	1	80-120	to host full department meetings or external visitors	120
	Director + WC	1	40	Dean's office with WC	40
	University registrar + WC	1	25		25
	Secretary + waiting	1	50		50
	Storage (admin)	1	15		15
	Employer affairs (HR)	2	15	2 units	30
	Accounting	1	25		25
	Storekeeper	1	25		25
	Records & archives	1	25	Secure archive	25
	Professors' offices / HOD	40	25	40 offices @25 m ² (includes HODs if client confirms)	1000
	Students affairs + waiting	1	250		250
	Emergency room (clinic/triage)	1	50	Small medical room	50
	Library	1	900	Reading 500 m ² , Group study/AV 150 m ² , Stacks 100 m ² , Staff/tech 100 m ² , IT/servers 50 m ² .	900
	Kitchens + WC (per floor)	4	25	Assumed 4 floors with kitchen on each; adjust if different	100
Lecture/IT	Central amphitheater (500 seats)	1	720	500 seats incl. stage & AV	720
	Central amphitheater (300 seats)	1	440	300 seats incl. stage & AV	440
	1st-year amphitheater (150 seats)	10	180	150 seats each (1.2 m ² /seat)	1800
	Other-year amphitheater (100 seats)	10	120	100 seats each (1.2 m ² /seat)	1200
	Other-year amphitheater (60 seats)	30	72	60 seats each (1.2 m ² /seat)	2160
	Other-year amphitheater (40 seats)	10	48	40 seats each (1.2 m ² /seat)	480
Commons	Computer room (20 users)	3	120	20 users × 6 m ² per workstation	360
	Multipurpose hall	3	300	Multi-use halls	900
	Cafeteria (incl. servery & back-of-house)	1	700		700
	Main public hall / lobby	3	200	3 major halls/lobbies	600
	Laboratory animal rooms (total)	1	200	Quarantine, housing, procedure - placeholder; refine by species	200
Mathematics	Refuge / civil protection space	1	150	Placeholder; confirm civil defense sizing	150
	Head of Department room	1	25		25
	Dept staff room / lounge	1	25	Dept lounge / small office	25
	Reunion / meeting room	1	30		30
	Store	1	40		40
Informatique	Service rooms & WCs (dept allowance)	1	40		40
	Head of Department room	1	25		25
	Dept staff room / lounge	1	25		25
	Reunion / meeting room	1	30		30
	Teaching laboratory (20 users)	4	225	4 labs ×225 m ² each (given)	900
	Laboratory preparation room	4	45	Prep / equipment / server room for each lab	180
Physique	Store	1	40		40
	Service rooms & WCs (dept allowance)	1	40		40
	Head of Department room	1	25		25
	Dept staff room / lounge	1	25		25
	Reunion / meeting room	1	30		30
	Teaching laboratory (20 users)	7	100	7 labs ×100 m ² each (given)	700
Chimie	Laboratory preparation room	7	20	7 prep rooms ×20 m ² each (given)	140
	Store	1	40		40
	Service rooms & WCs (dept allowance)	1	40		40
	Head of Department room	1	25		25
	Dept staff room / lounge	1	25		25
	Reunion / meeting room	1	30		30
Biochimie	Teaching laboratory (20 users)	10	100	10 labs ×100 m ² each (given)	1000
	Laboratory preparation room	10	20	10 prep rooms ×20 m ² each (given)	200
	Store	1	60		60
	Service rooms & WCs (dept allowance)	1	60		60
	Head of Department room	1	25		25
	Dept staff room / lounge	1	25		25
Biologie	Reunion / meeting room	1	30		30
	Teaching laboratory (20 users)	4	100	4 labs ×100 m ² each (given)	400
	Laboratory preparation room	4	20	4 prep rooms ×20 m ² each (given)	80
	Store (40 m ²)	3	40	3 stores ×40 m ² each (given)	120
	Service rooms & WCs (dept allowance)	1	40		40
	Main plant room (MEP)	1	200	Main mechanical/equipment room (placeholder)	200
Support / MEP	AHU / Plant rooms (roof or floor)	2	100	AHU / plant rooms	200
	Chemical waste store (external access)	1	40	Secure ventilated chemical waste store	40
	Instrument / equipment room (vibration-controlled)	3	25	For spectrometers, microscopes, etc.	75
	General storage (for building)	1	100		100
Parking	Surface / Basement parking spaces	400	30	400 spaces ×30 m ² per space incl. circulation (planner's assumption). Minimum needs	12000

CD:LU NABATIEH

PROJECT :		
FACULTY OF SCIENCES NABATIYEH		
PHASE : CONCEPTUAL		
DRAWING : PROJECT PROGRAM		
DATE	SCALE	-
03-11-2025	-	-
YEAR : 2025 - 2026		



GENERAL NOTES:

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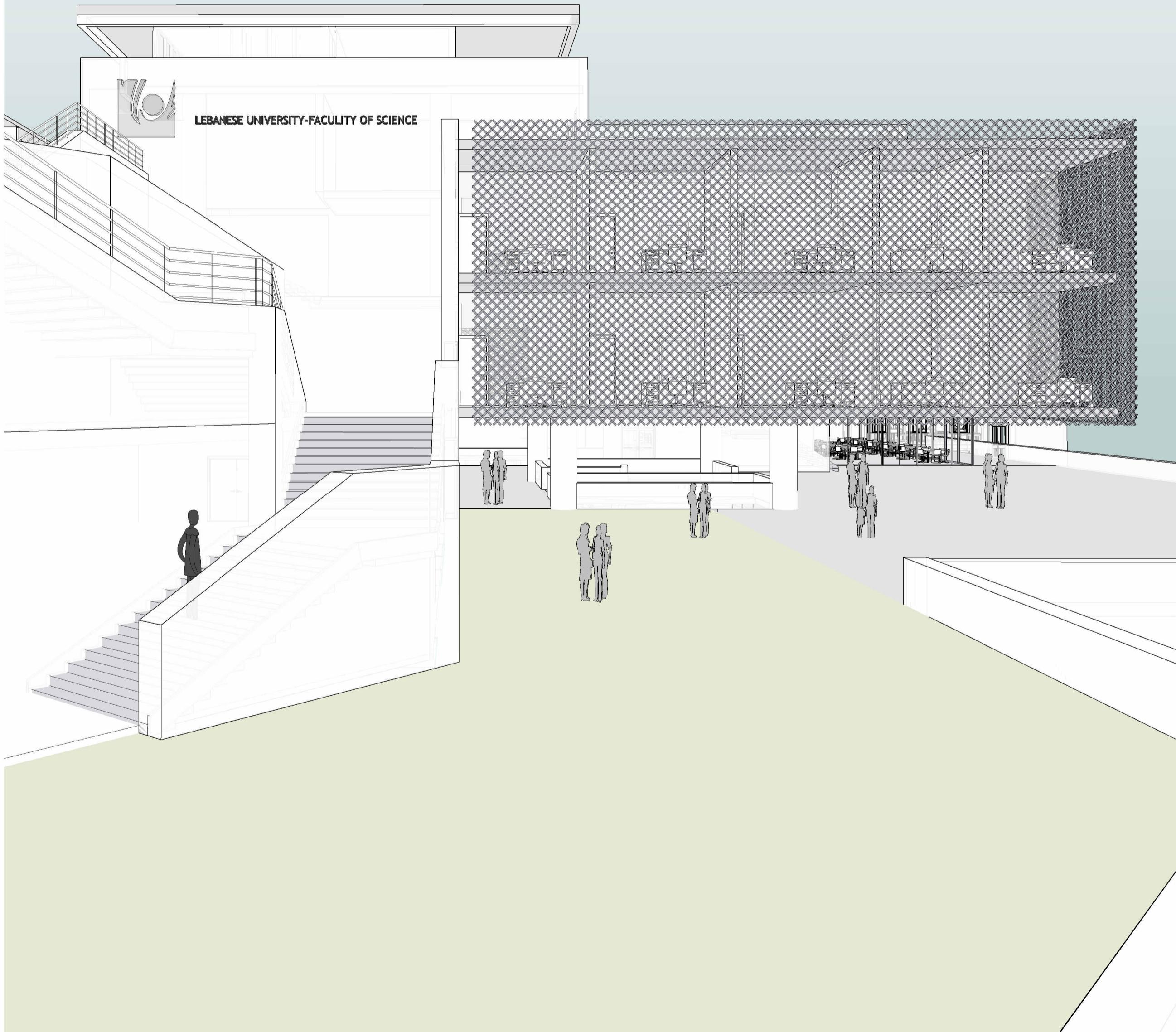


CONCEPT:

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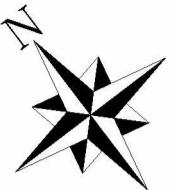
PROJECT :
FACULTY OF SCIENCES
NABATIYEH

PHASE :
PERSPECTIVE VIEW

DRAWING :
3D PERSPECTIVES

DATE : 03-11-2025
SCALE : -
RENDER

YEAR : 2025 - 2026



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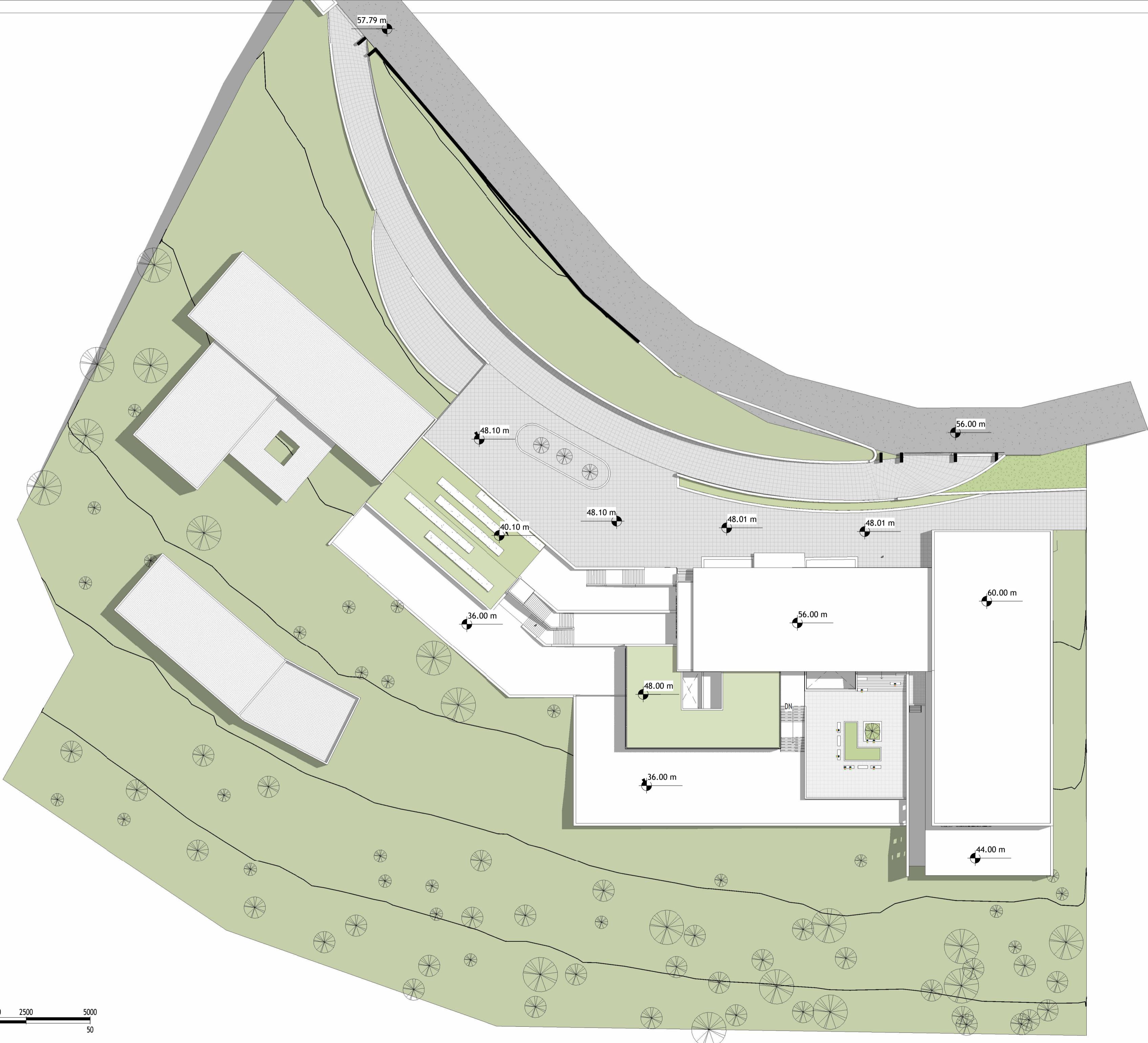
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FACULTY OF SCIENCE (TOTAL AREA)	
FLOOR	TOTAL AREA (+ circulation)
GF	1800
F1	1800
F2	1200
B1	3300
B2	2750
B3	2900
B4	3400
B5	3400
B6	800
TOTAL AREA (SQM)	21350



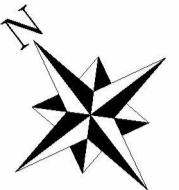
PROJECT :
FACULTY OF SCIENCES
NABATIYEH

PHASE :
CONCEPTUAL

DRAWING :
MASS PLAN

DATE: 03-11-2025 | SCALE: 1/500 | PLAN DRAWINGS

YEAR: 2025 - 2026



GENERAL NOTES:

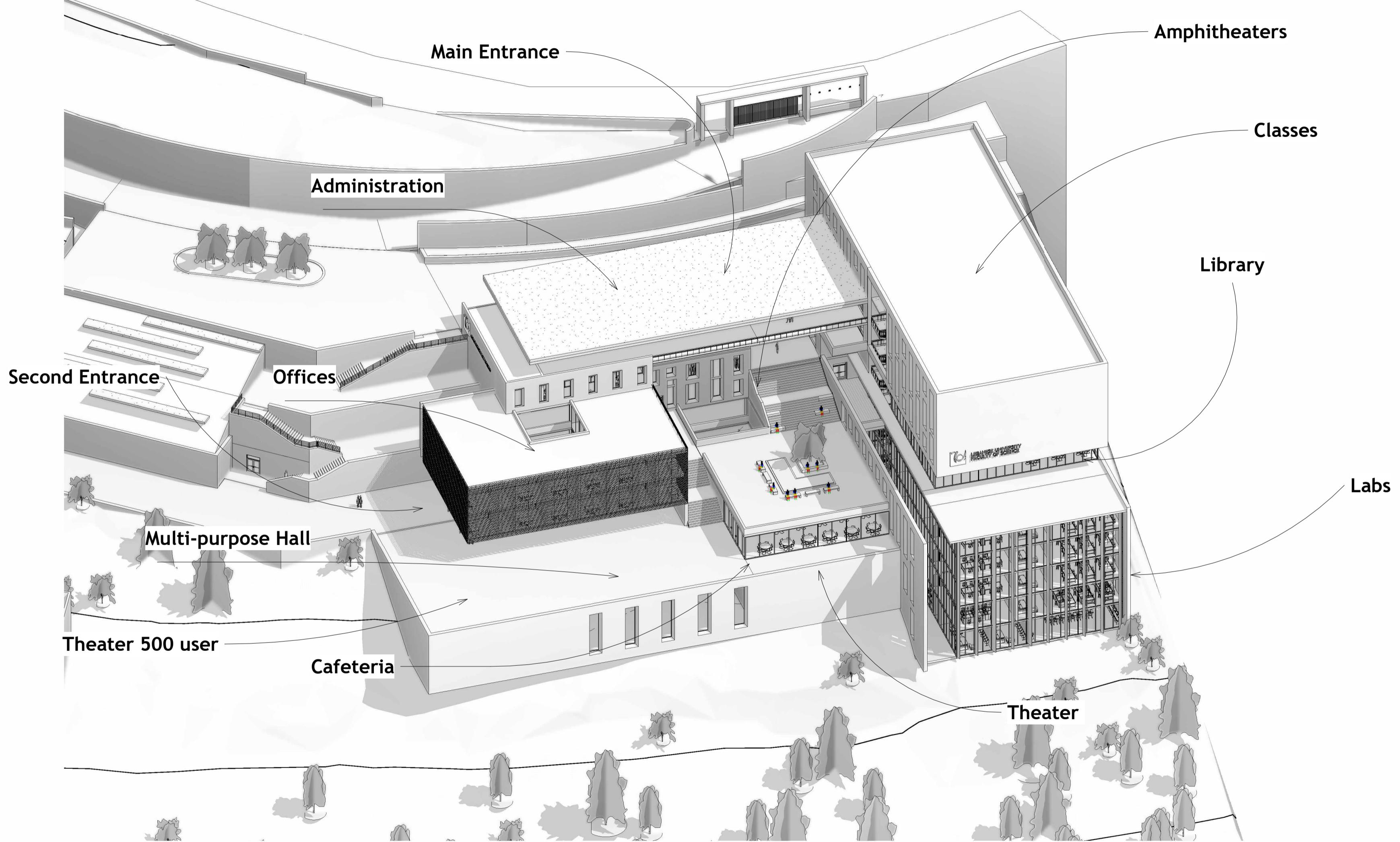
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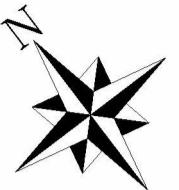
PROJECT :
 FACULTY OF SCIENCES
 NABATIYEH

PHASE :
 PERSPECTIVE VIEW

DRAWING :
 ISOMETRY

DATE : 03-11-2025 SCALE : 1/300 ISOMETRY DRAWINGS

YEAR : 2025 - 2026



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KEY 3d

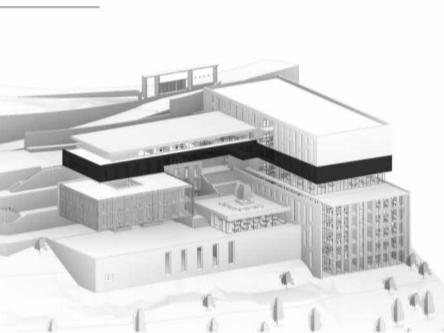


TABLE OF AREA

FLOOR	NB	UNIT	UNIT NB	UNIT AREA	TOTAL AREA(m ²)
GF	1	CLASSROOM	40	1	50
	2	CLASSROOM	60	10	700
	3	COMPUTER LAB	1	100	100
	4	ADMIN	1	300	300
				TOTAL AREA	1150

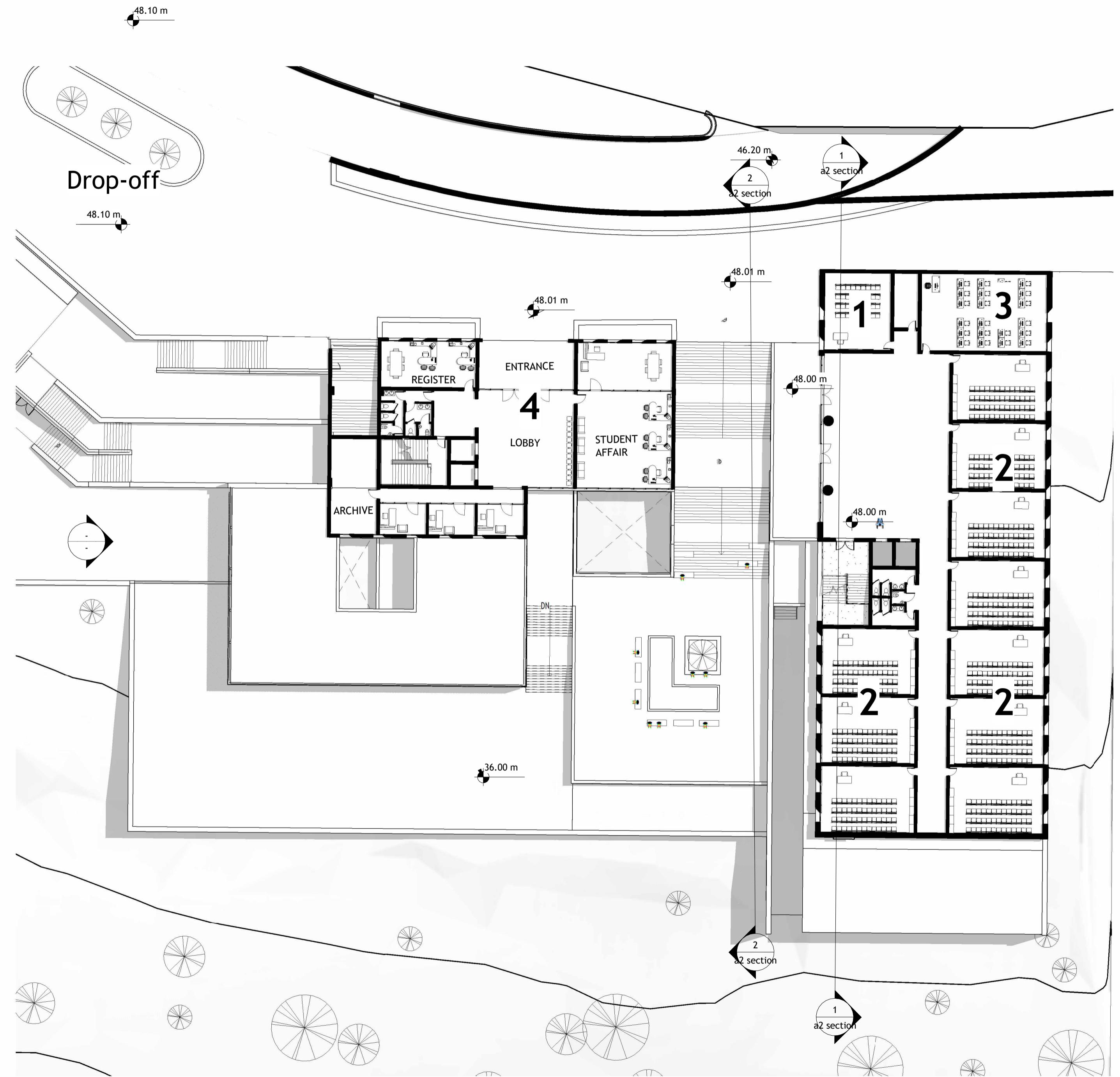
PROJECT :
FACULTY OF SCIENCES
NABATIYEH

PHASE :
CONCEPTUAL DESIGN

DRAWING :
GROUND FLOOR
PLAN

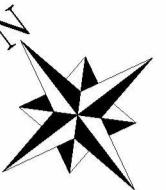
DATE : 03-11-2025
SCALE : 1/100
1/300 PLANS DRAWINGS

YEAR : 2025 - 2026



1.classroom x40
2.classroom x60
3.computer lab
4.admin.

0 1250 2500 5000
0 50
1:100



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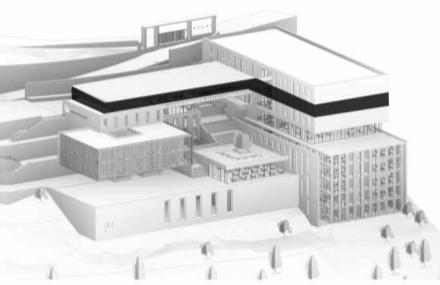


TABLE OF AREA

FLOOR	NB	UNIT	UNIT NB	UNIT AREA	TOTAL AREA(m)
F1	1	CLASSROOM 40	3	50	150
	2	CLASSROOM 60	10	70	700
	3	COMPUTER LAB	1	100	100
	4	ADMIN	1	200	200
				TOTAL AREA	1150

PROJECT :
FACULTY OF SCIENCES
NABATIYEH

PHASE :
CONCEPTUAL DESIGN

DRAWING :
FIRST FLOOR PLAN

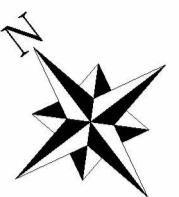
DATE : 03-11-2025
SCALE : 1/100
0 1250 2500 5000
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PLAN DRAWINGS

YEAR : 2025 - 2026



- 1.classroom x40
- 2.classroom x60
- 3.computer lab
- 4.admin.



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KEY 3d

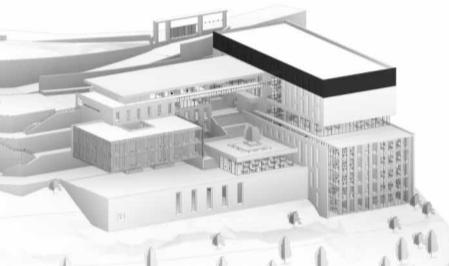


TABLE OF AREA

FLOOR	NB	UNIT	UNIT NB	UNIT AREA	TOTAL AREA(m)
	1	CLASSROOM 40	3	50	150
	2	CLASSROOM 60	10	70	700
2ND	3	COMPUTER LAB	1	100	100
					TOTAL AREA 950

PROJECT :
FACULTY OF SCIENCES
NABATIYEH

PHASE :
 CONCEPTUAL DESIGN

DRAWING :
 SECOND FLOOR PLAN

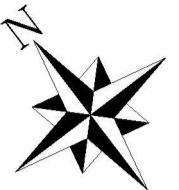
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DATE 03-11-2025 SCALE 1/300 PLAN DRAWINGS

YEAR 2025 - 2026



1.classroom x40
 2.classroom x60
 3.computer lab



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KEY 3d



TABLE OF AREA

FLOOR	NB	UNIT	UNIT NB	UNIT AREA	TOTAL AREA
B1	1	LIBRARY	1	800	800
	2	AMPHI 100	6	130	780
	3	OFFICES	17	16	272
				TOTAL AREA	1852

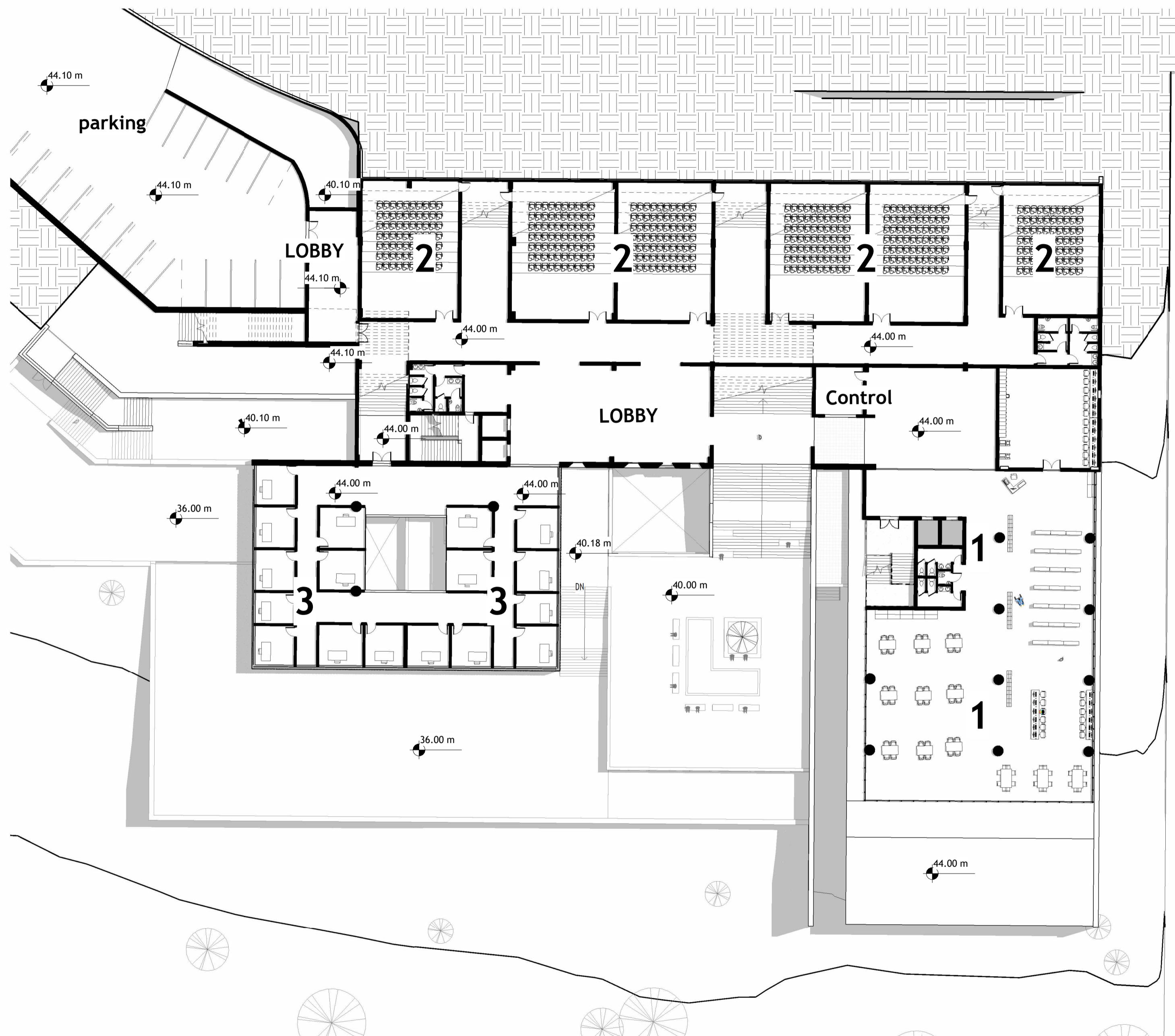
PROJECT :
 FACULTY OF SCIENCES
 NABATTIYEH

PHASE :
 CONCEPTUAL DESIGN

DRAWING :
 BASMENT 1 FLOOR PLAN

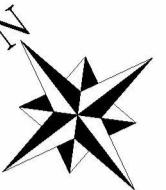
DATE: 03-11-2025 SCALE: 1/300 PLANS DRAWINGS

YEAR: 2025 - 2026



1.library
 2.amphi x100
 3.offices

0 1250 2500 5000
 0 1:100 50



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KEY 3d



TABLE OF AREA

FLOOR	NB	UNIT	UNIT NB	UNIT AREA	TOTAL AREA(m)
B2	1	LABS	1	800	800
	2	AMPHI 100	2	130	260
	3	AMPHI 150	4	150	600
	4	OFFICES	17	16	272
				TOTAL AREA	1932

PROJECT :
FACULTY OF SCIENCES
NABATIYEH

PHASE :
CONCEPTUAL DESIGN

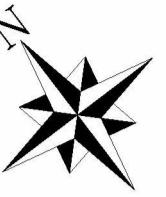
DRAWING :
BASMENT 2 FLOOR PLAN

DATE : 03-11-2025
SCALE : 1/300
PLANS DRAWINGS

YEAR : 2025 - 2026



0 1250 2500 5000
0 50
1:100



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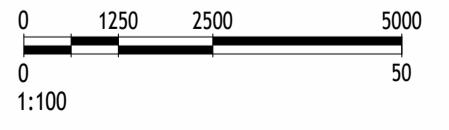
TABLE OF AREA

FLOOR	NB	UNIT	UNIT NB	UNIT AREA(m ²)	TOTAL AREA
B3	1	LABS	1	800	800
	2	AMPHI 100	2	130	260
	3	AMPHI 150	4	150	600
	4	CAFETRIA	1	600	600
				TOTAL AREA	2260

PROJECT :
FACULTY OF SCIENCES
NABATIYEH

PHASE :
CONCEPTUAL DESIGN

DRAWING :
BASMENT 3 FLOOR PLAN

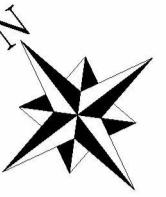


DATE : 03-11-2025
SCALE : 1/300
PLANS DRAWINGS

YEAR : 2025 - 2026



1.labs
2.amphi x100
3.amphi x150
4.cafeteria



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KEY 3d



TABLE OF AREA

FLOOR	NB	UNIT	UNIT NB	UNIT AREA(m ²)	TOTAL AREA
B4	1	LABS	1	800	800
	2	THEATER 500	1	700	700
	3	THEATER 300	1	500	500
	4	MULTIPURPOSE	1	375	375
				TOTAL AREA	2375

PROJECT :
FACULTY OF SCIENCES
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PHASE :
CONCEPTUAL DESIGN

DRAWING :
BASMENT 4 FLOOR PLAN

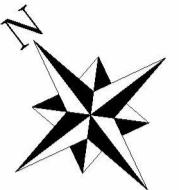
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1250 2500 5000
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PLANS DRAWINGS
1/300

YEAR :
2025 - 2026



- 1.labs
- 2.theater x500
- 3.theater x300
- 4.multipurpose



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MUHAMMAD HIJAZI

KEY 3d



TABLE OF AREA

FLOOR	NB	UNIT	UNIT NB	UNIT AREA	TOTAL AREA(m ²)
B5	1	LABS	1	800	800
	2	SERVICES	1	1000	1000
	3	MULTIPURPOSE	1	500	500
				TOTAL AREA	2300

PROJECT :
FACULTY OF SCIENCES
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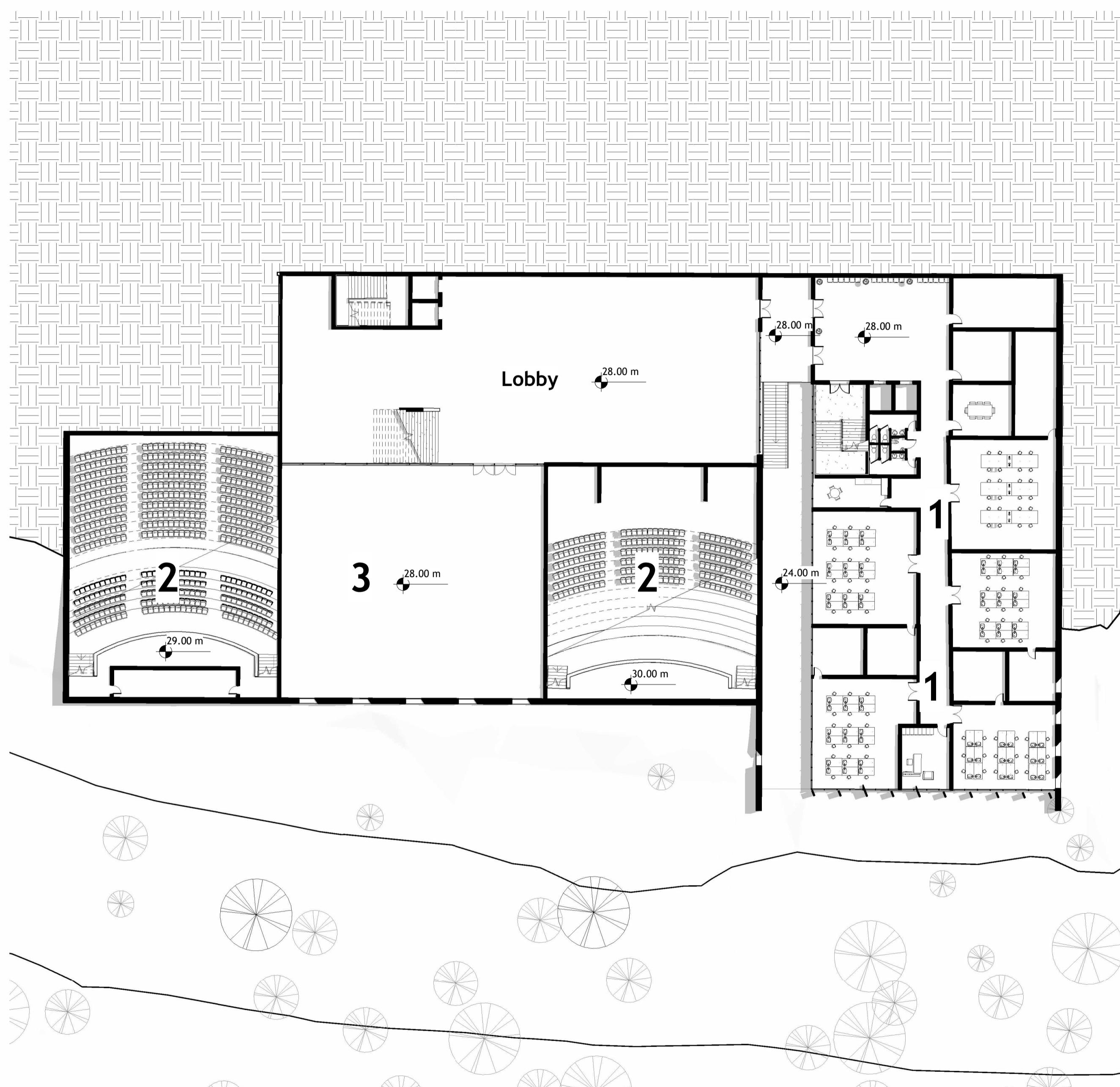
PHASE :
 CONCEPTUAL DESIGN

DRAWING :
 BASMENT 5 FLOOR PLAN

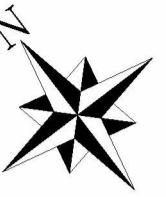


DATE: 03-11-2025 SCALE: 1/300 PLANS DRAWINGS

YEAR: 2025 - 2026



1. labs
2. services
3. multipurpose



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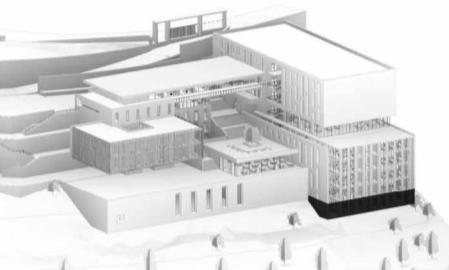


TABLE OF AREA

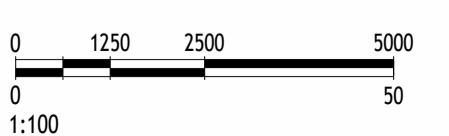
FLOOR	NB	UNIT	UNIT NB	UNIT AREA	TOTAL AREA(m)
B6	1	LABS	1	800	800

TOTAL AREA 800

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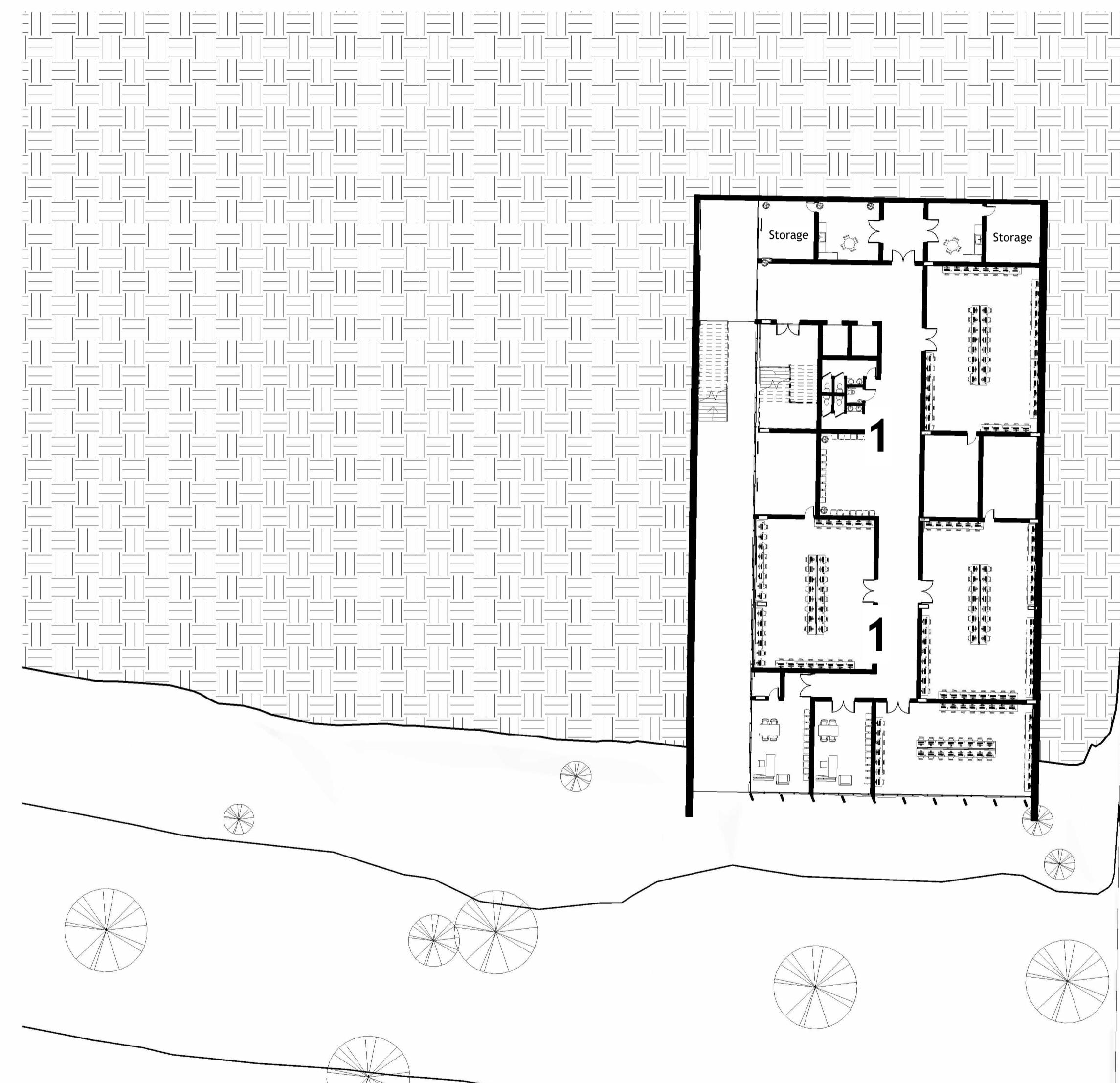
PHASE :
 CONCEPTUAL DESIGN

DRAWING :
 BASMENT 6 FLOOR PLAN

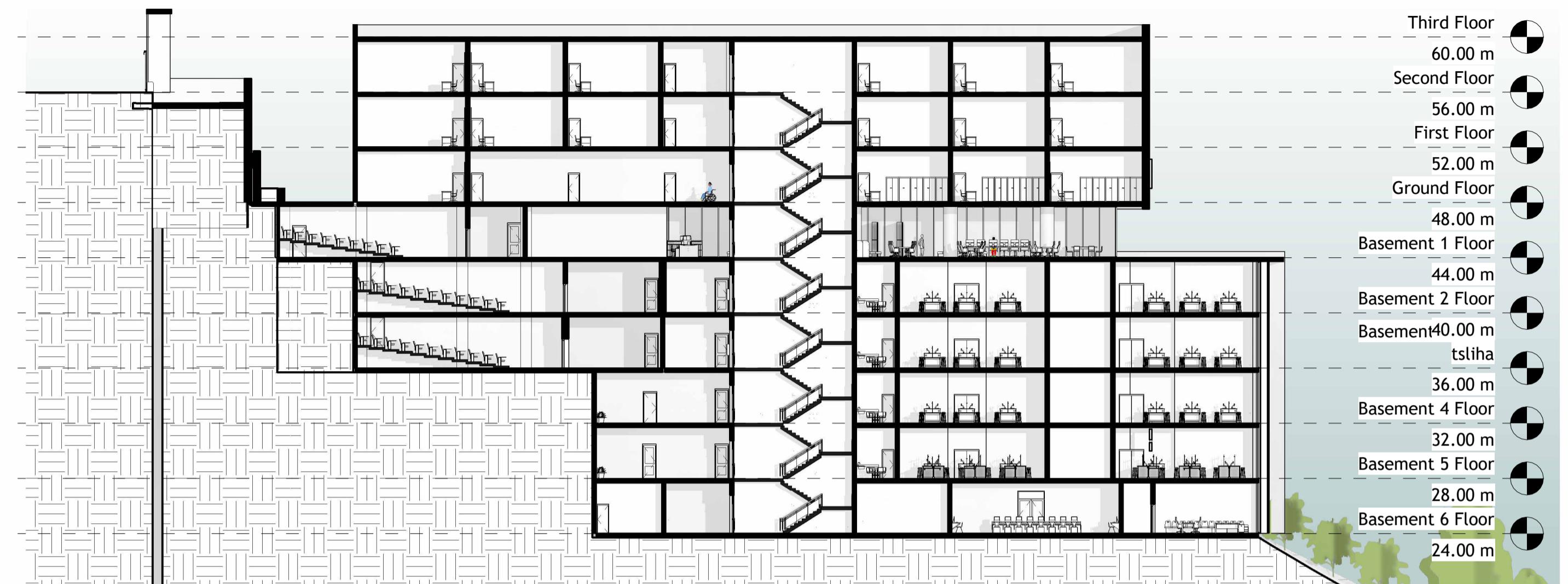
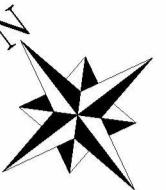


DATE: 03-11-2025 SCALE: 1/300 PLANS DRAWINGS

YEAR: 2025 - 2026

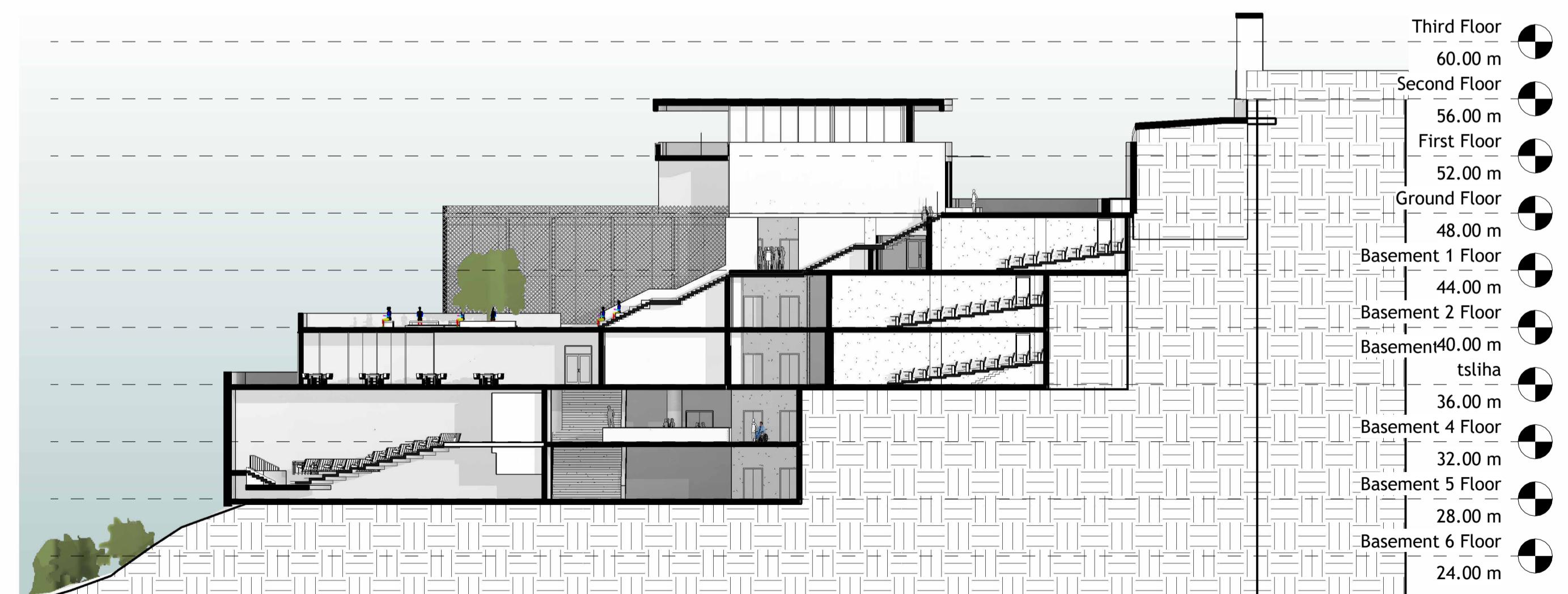


1.labs



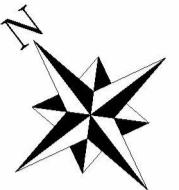
Section 1

1 : 300



Section 2

1 : 300



GENERAL NOTES:

1- ALL DIMENSIONS ARE IN METERS

2- ALL LEVELS ARE IN METERS

PROFESSORS:

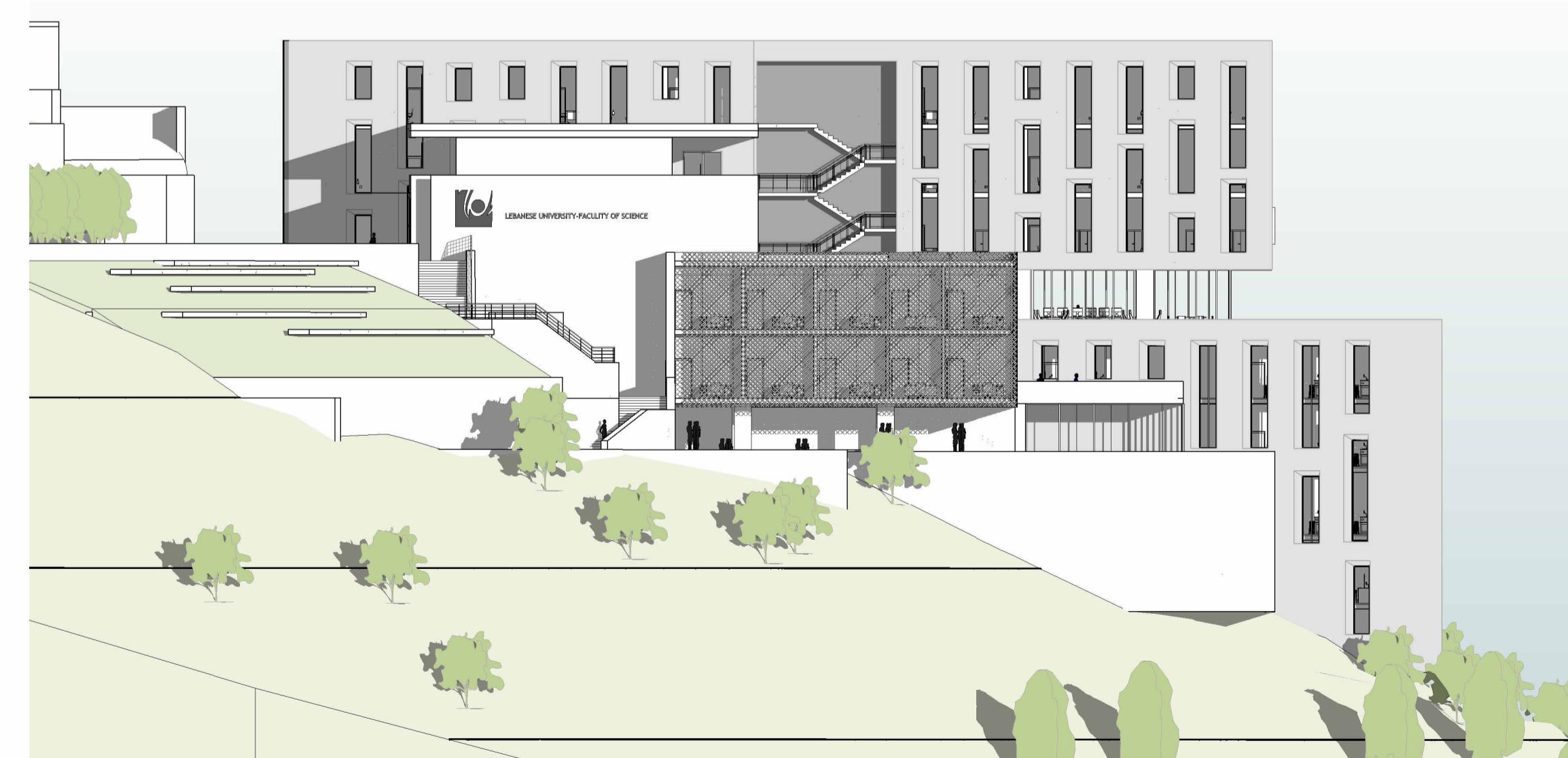
Dr. Hussein Wannous	Dr. Mostafa Ibrahim
Dr. Hasan Hussein	Dr. Raed Jouni
Dr. Hasan Sherkawi	Dr. Adib Haydar
Dr. Antoine Awwad	Dr. Nada Fakih

STUDENTS

SARA HARB
MOHAMMAD HIJAZI



① Elevation 1



② elevation 2

0 1250 2500 5000
 0 50
 1:100

0 1250 2500 5000
 0 50
 1:100

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PHASE :
 CONCEPTUAL DESIGN

DRAWING :
 ELEVATION 1
 ELEVATION 2

DATE 03-11-2025 SCALE 1/300 ELEVATION DRAWINGS

YEAR 2025 - 2026



GENERAL NOTES:

- 1- ALL DIMENSIONS ARE IN METERS
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PROFESSORS:

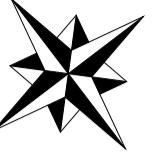
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STUDENTS:

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PROJECT :		
FACULTY OF SCIENCES NABATIYEH		
PHASE :		
PRESPECTIVE VIEW		
DRAWING :		
3D PERSPECTIVES		
DATE	SCALE	RENDER
03-11-2025	-	
YEAR : 2025 - 2026		





GENERAL NOTES:

1- ALL DIMENSIONS ARE IN METERS
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PROFESSORS:

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PROJECT :	
FACULTY OF SCIENCES NABATIYEH	
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YEAR :	
2025 - 2026	