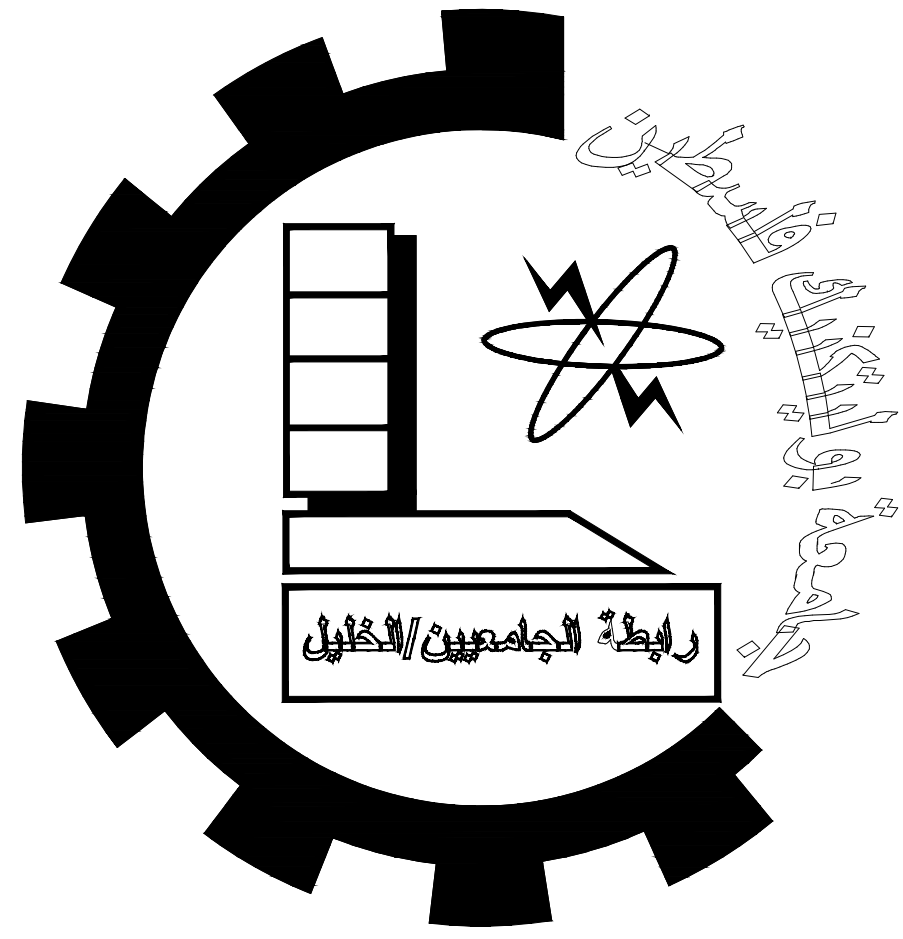




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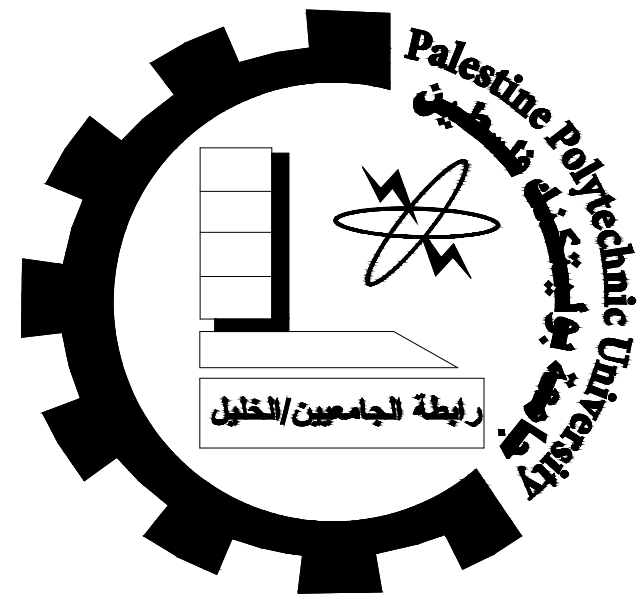
Graduation project
Structural Design Of Office Building

Done by : *Ahmad Shkair*
Ihab Farrah
Ali Nasser
Yousef Nasser

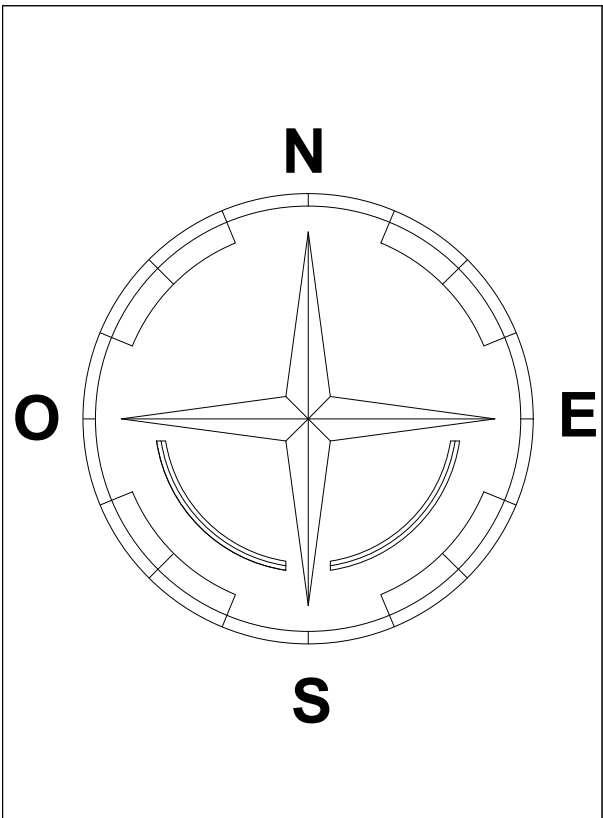
Supervisor :
Eng: Hamdi Ideas

LIST OF DRAWINGS

ARCHITECTIRAL DRAWINGS		STRUCTURAL DRAWINGS	
DRW. NO.	DRAWING TITLE	DRW. NO.	DRAWING TITLE
A 00	Site plan	S00	General notes
A 01	Basement floor plan building A	S01	Columns & Footing layout plan building A
A 02	Ground floor dimension plans building A	S02–S05	Footing details building A
A 03	First floor dimension plans building A	S06–S16a	Columns & Walls details building A
A 04	Roof floor dimension plans building A	S17	Basement slab layout building A
A 05	Ground floor furniture plans building A	S18	Basement slab details building A
A 06	First floor furniture plans building A	S19–S21	Beams detailing
A 07	South & East elevations building A	S22	Ground slab layout building A
A 08	North & West elevations building A	S23	First slab layout building A
A 09	Section AA and BB building A	S24	Ground slab details building A
A 10	Basement floor plan building B	S25	First slab details building A
A 11	Ground floor dimension plans building B	S26–S28	Beams detailing
A 12	First floor dimension plans building B	S29	Roof slab & beams details building A
A 13	Roof floor dimension plans building B	S29*	Staircase details building A
A 14	Ground floor furniture plans building A	S30	Columns & Footing layout plan building B
A 15	First floor furniture plans building A	S31–S34	Footing details building B
A 16	South & East elevations building B	S35–S38a	Columns & Walls details building A
A 17	North & West elevations building B	S39	Basement slab layout building B
A 18	Section AA and BB building B	S40	Basement slab details building B
		S41–S42	Beams detailing
		S43	Ground & First slab layout building B
		S44	Ground & First slab details building B
		S45–S46	Beams detailing
		S47	Roof slab & beams details building B
		S48	Staircase details building B



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

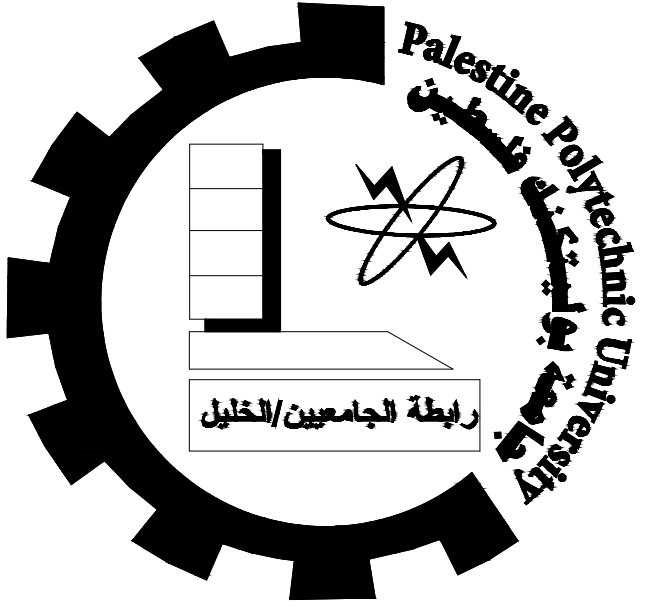
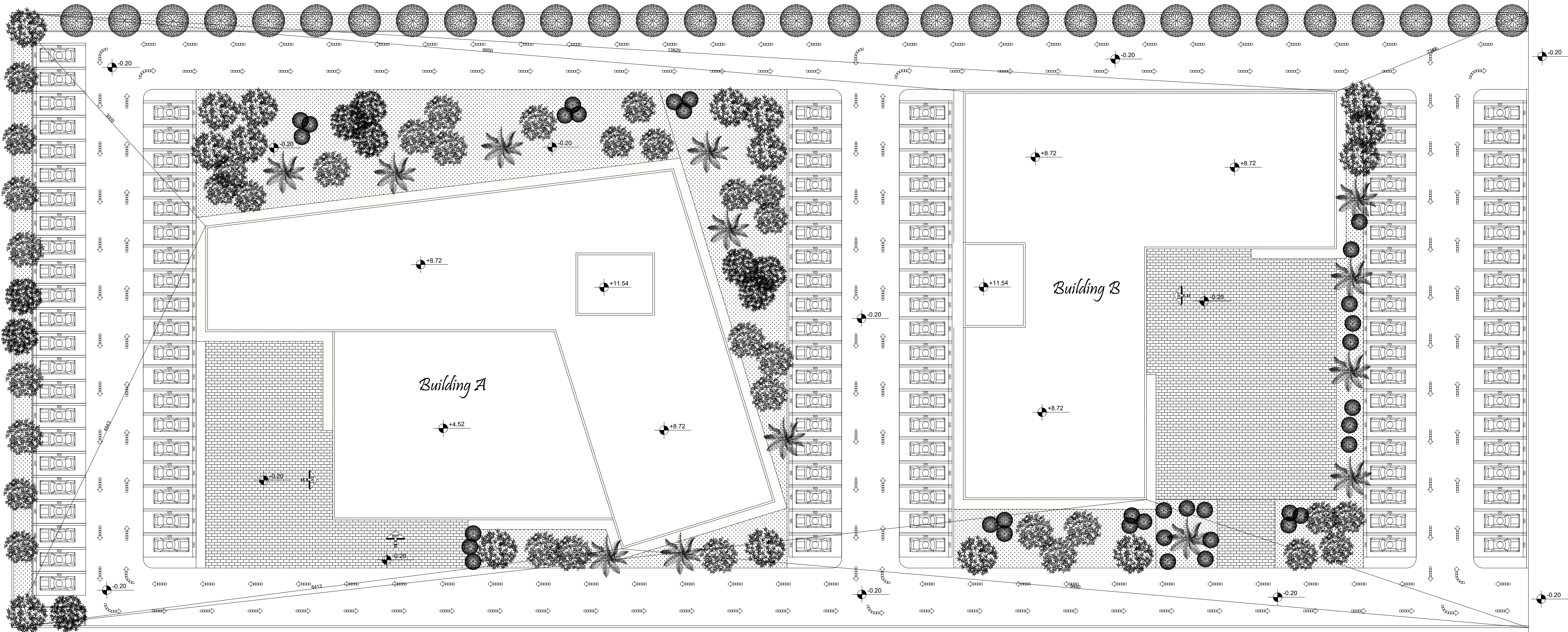
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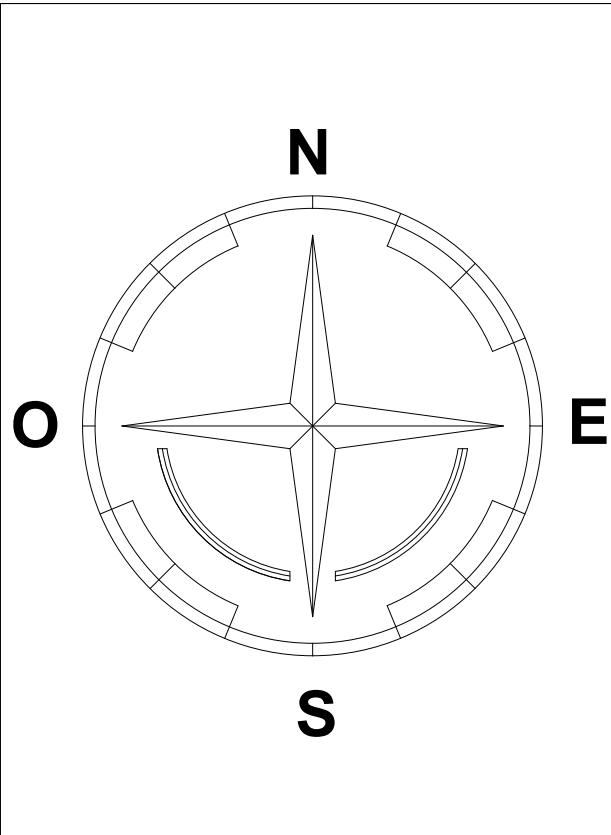
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Project: Office Building

Supervisor: ENG. Hamdi Ideas

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Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

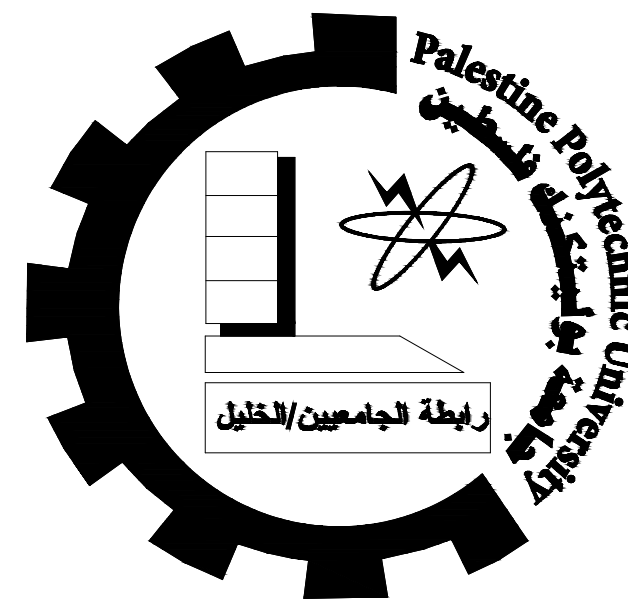
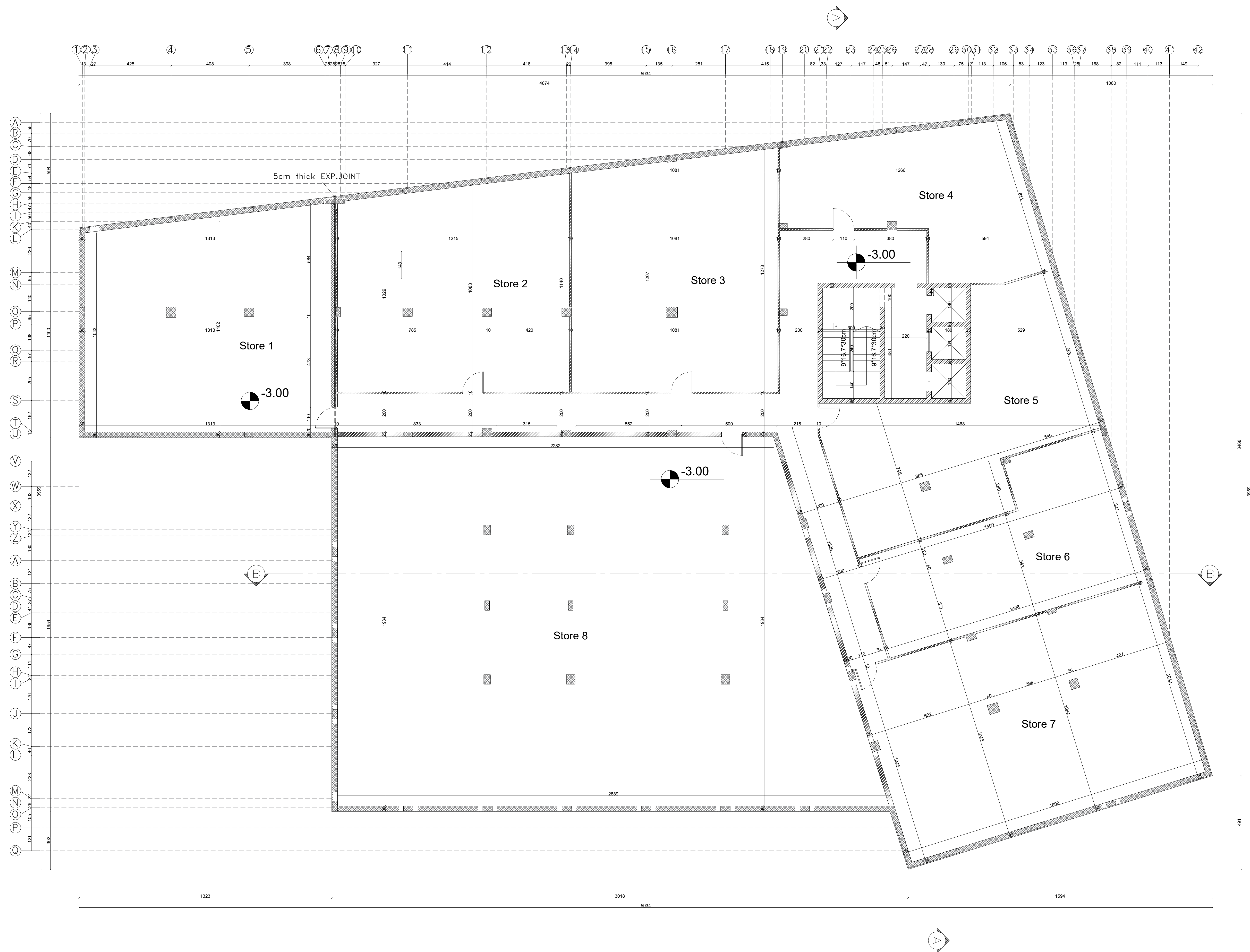
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Site Plan

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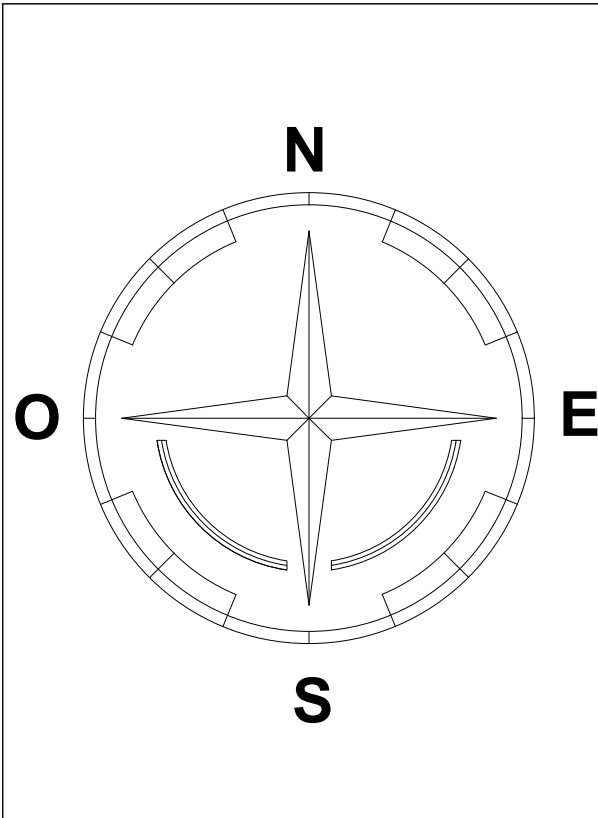
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A0



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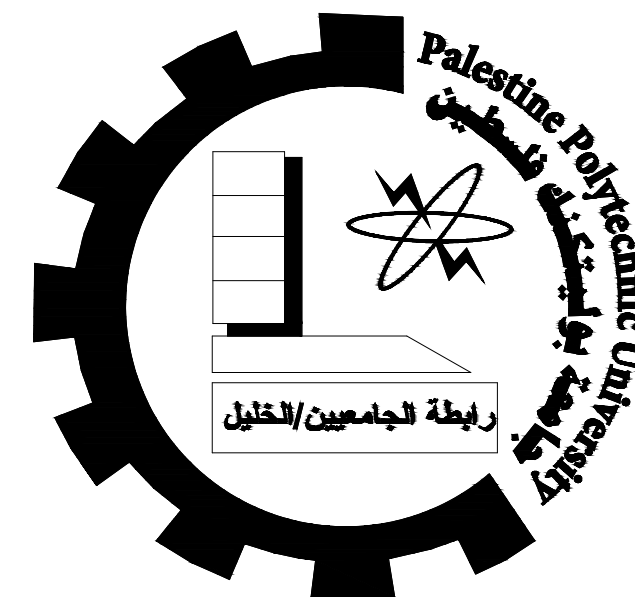
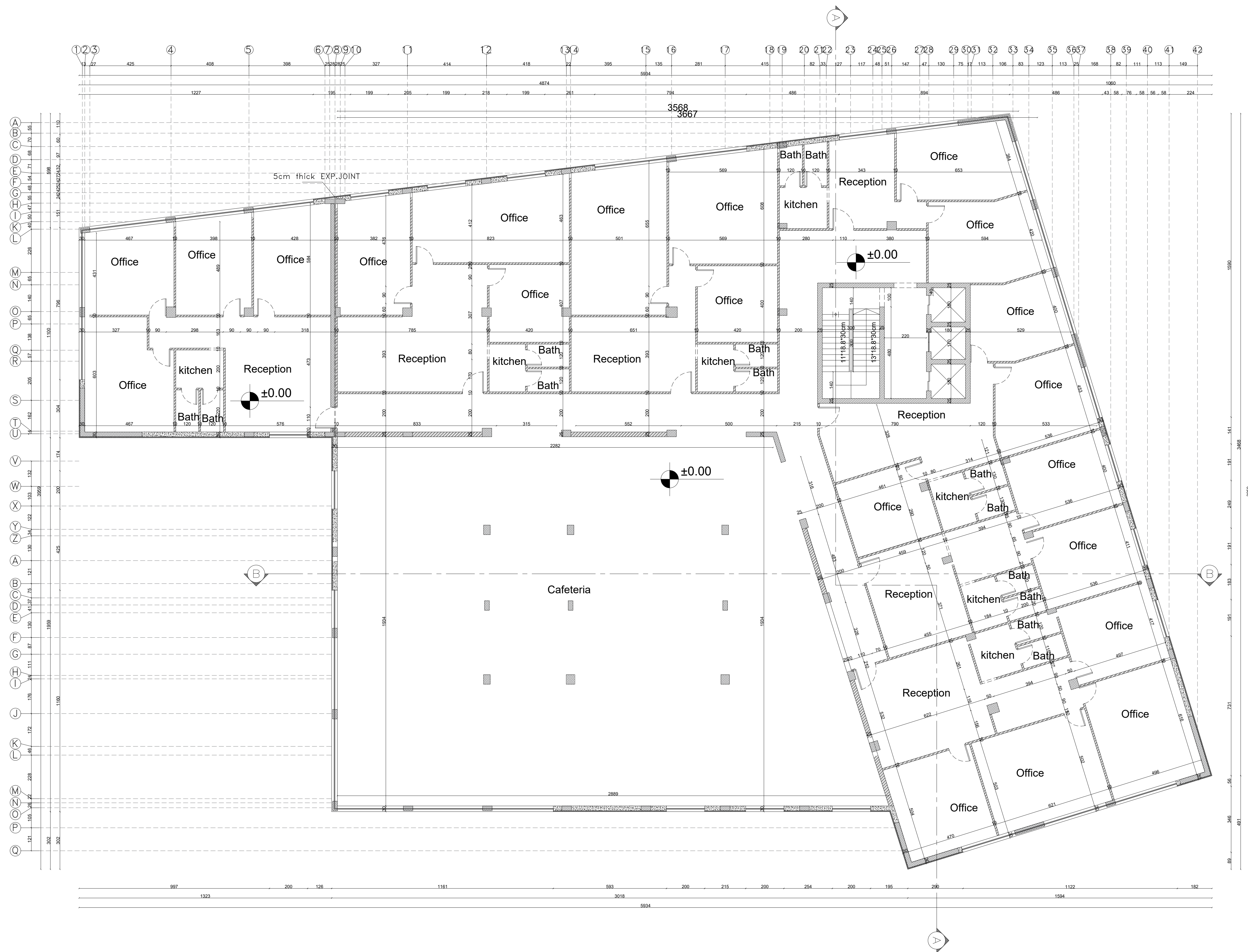
Project: Office Building

Supervisor: ENG. Hamdi Ideas

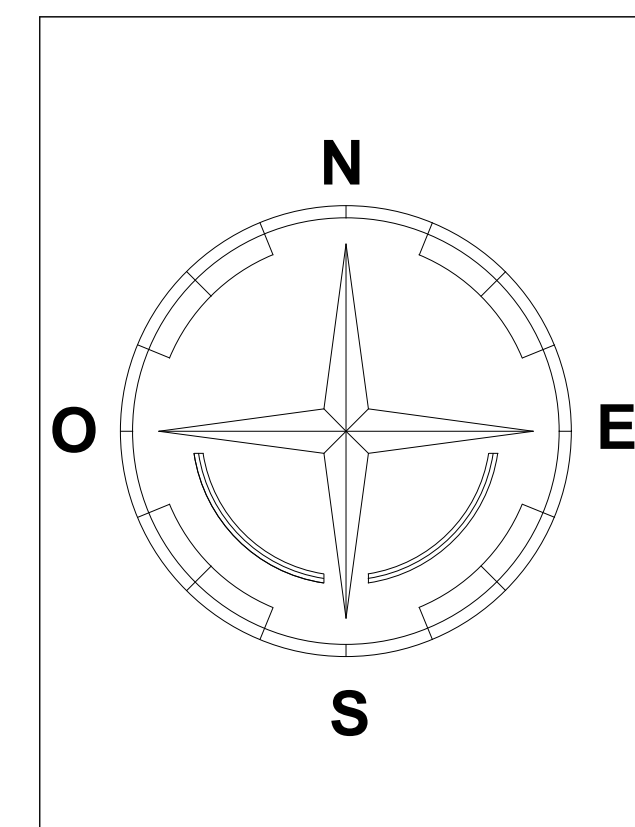
Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

Drawing Title:
**Basement
Floor Plan**

SCALE	NO. OF DRAW
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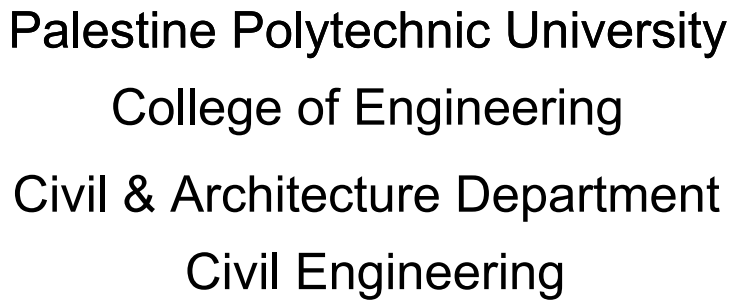
Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

Drawing Title:
**Ground Floor
Dim Plan**

SCALE	NO. OF DRAW
1:100	A2



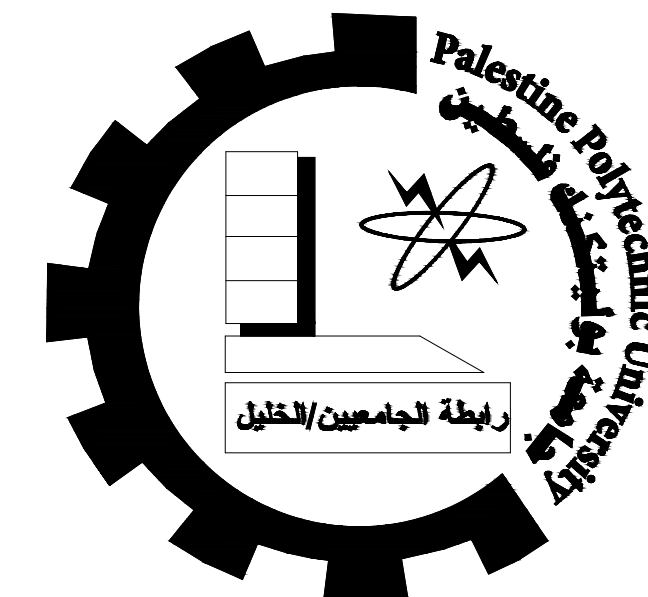
Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

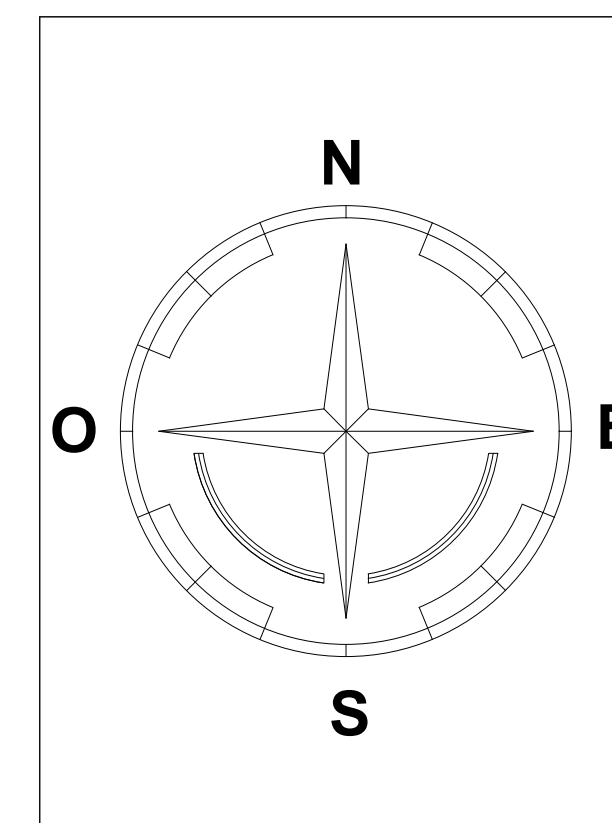
Drawing Title:

**First Floor
Dim Plan**

SCALE	NO. OF DRAW
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Project: Office Building

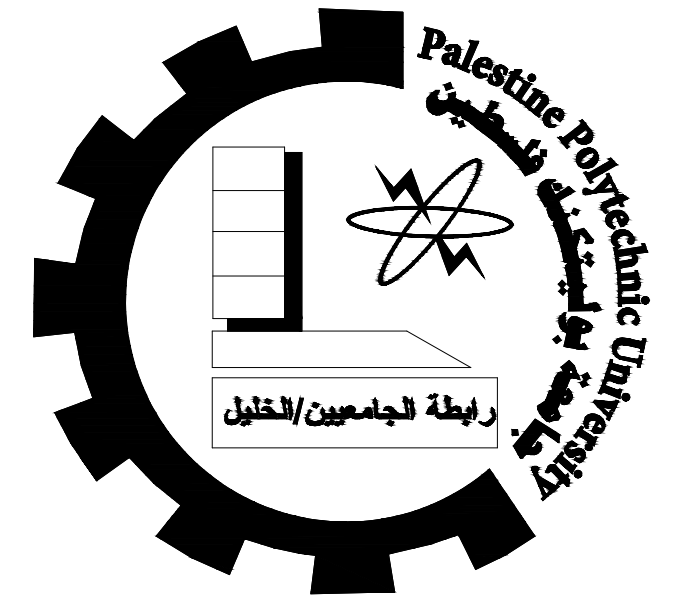
Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

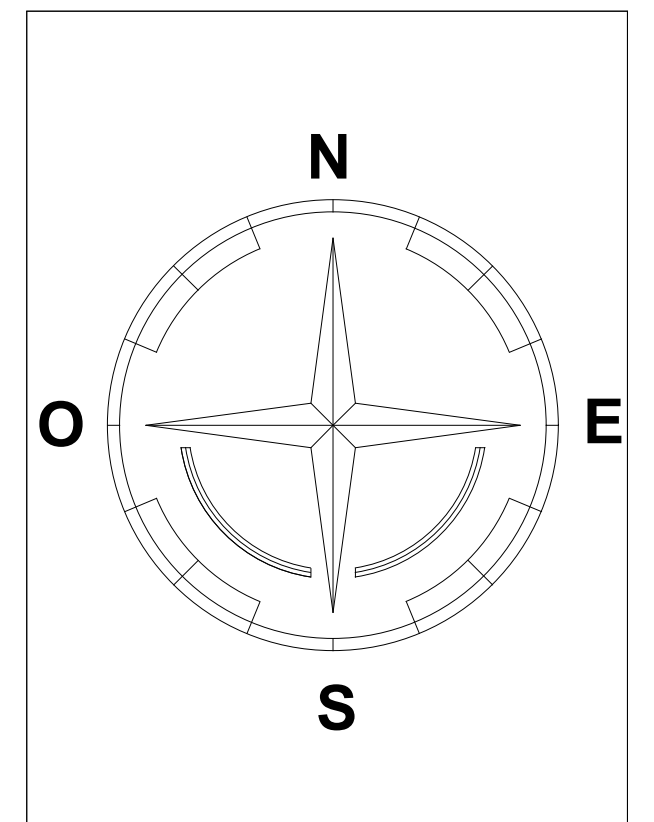
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**Ground Floor
Fur Plan**

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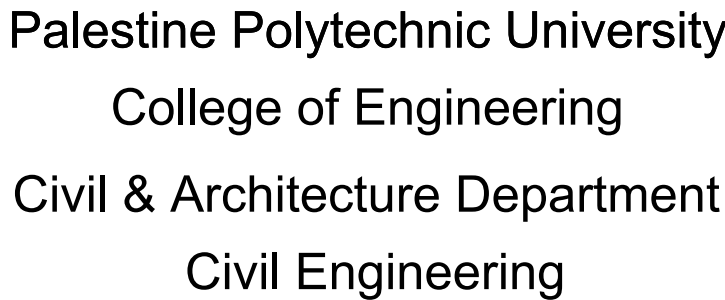
Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

Drawing Title:
**First Floor
Fur Plan**

SCALE	NO. OF DRAW
1:100	A6



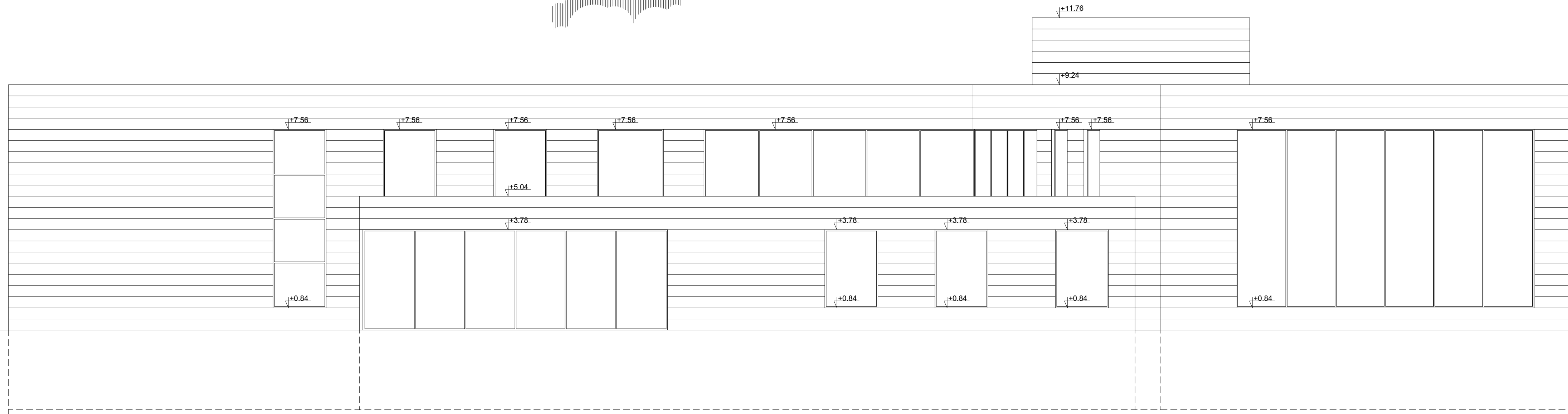
Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

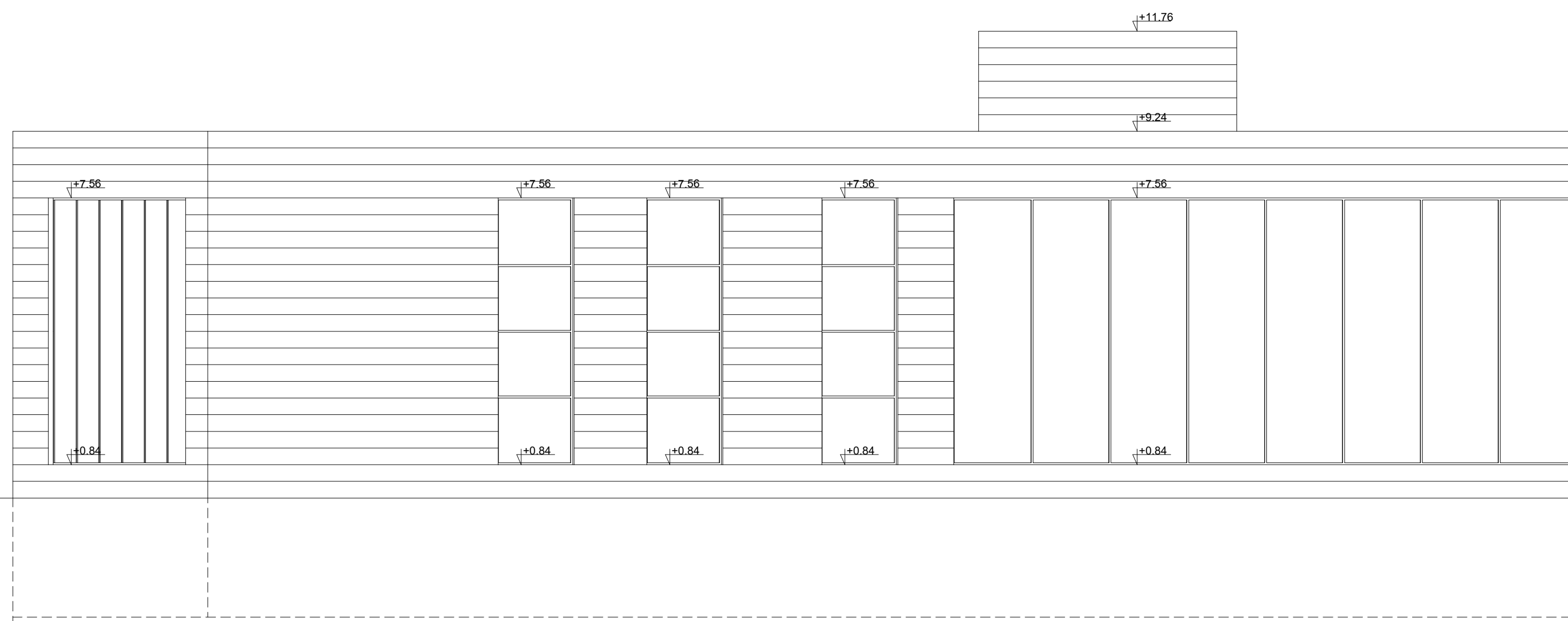
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**Roof
Dim Plan**

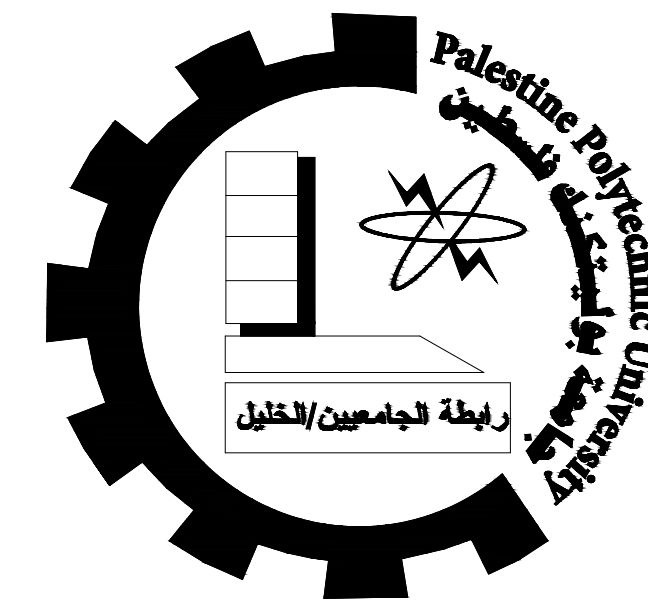
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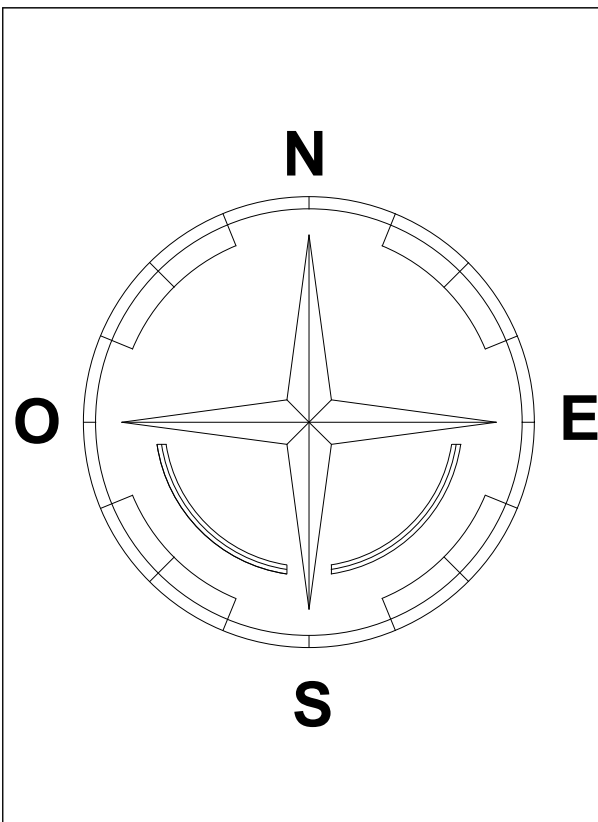
South Elevation



East Elevation



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
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Ihab Farrah
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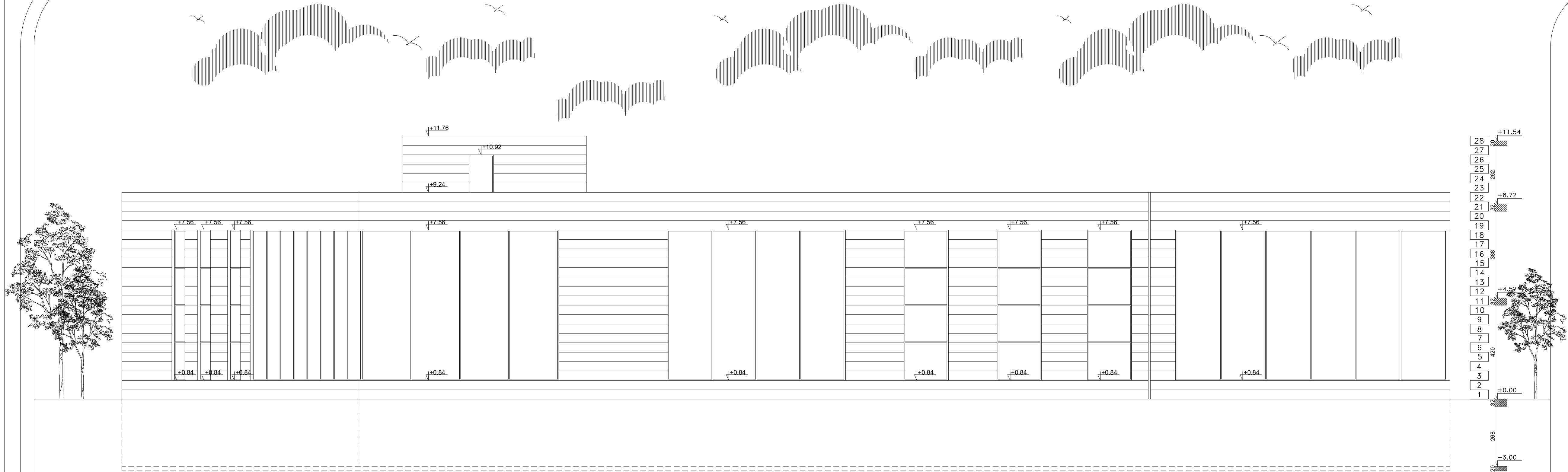
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Elevations

SCALE

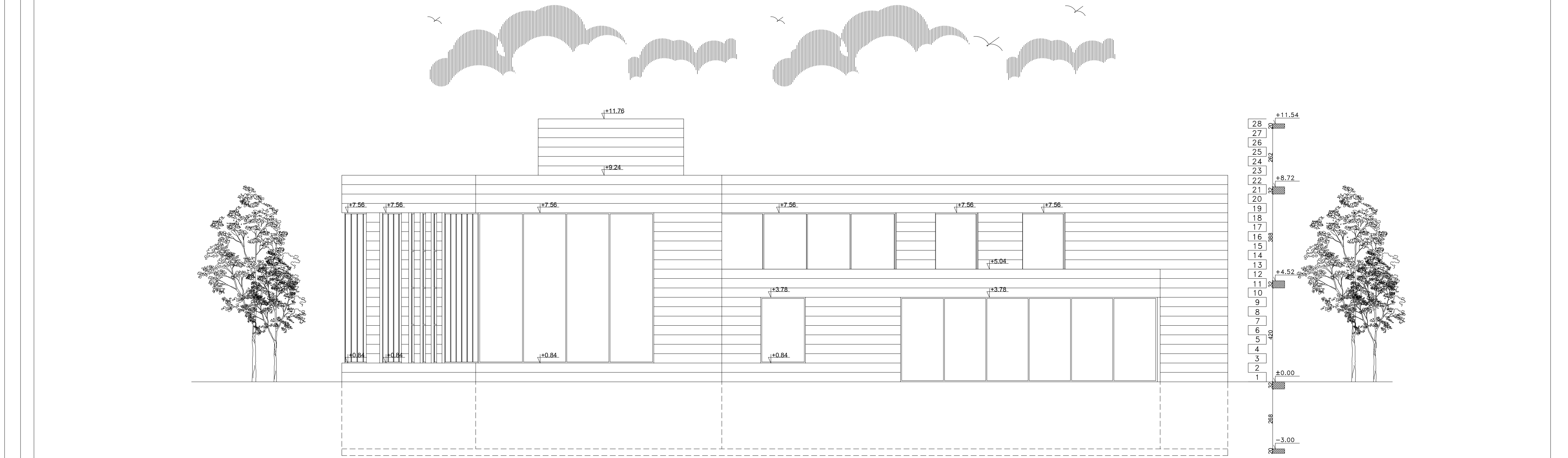
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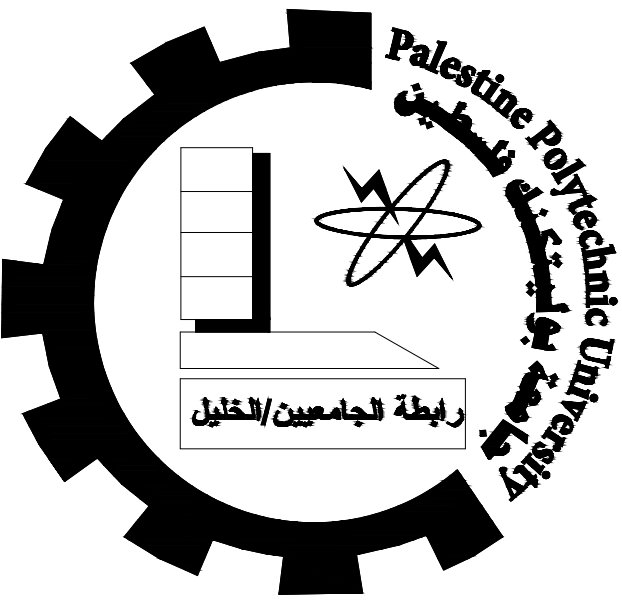
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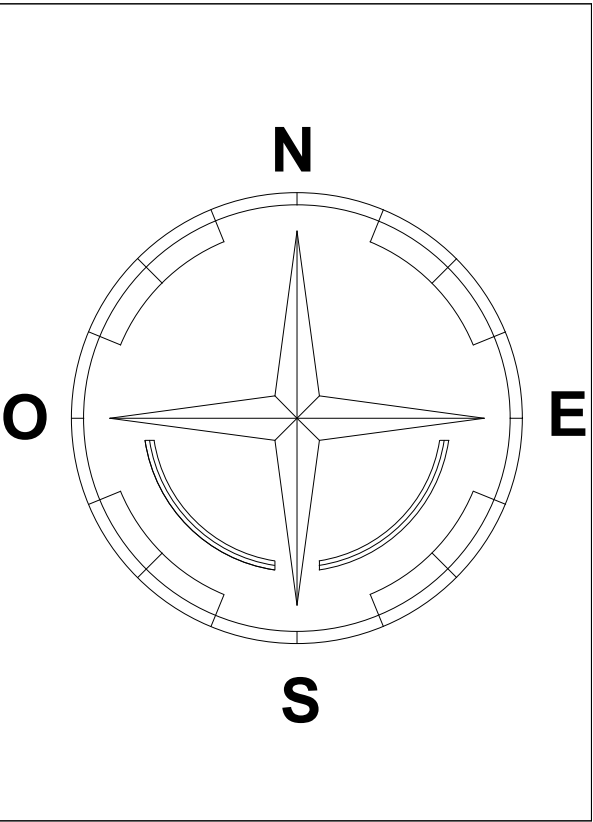
North Elevation



West Elevation



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

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Ihab Farrah
Ali Nasser
Yousef Nasser

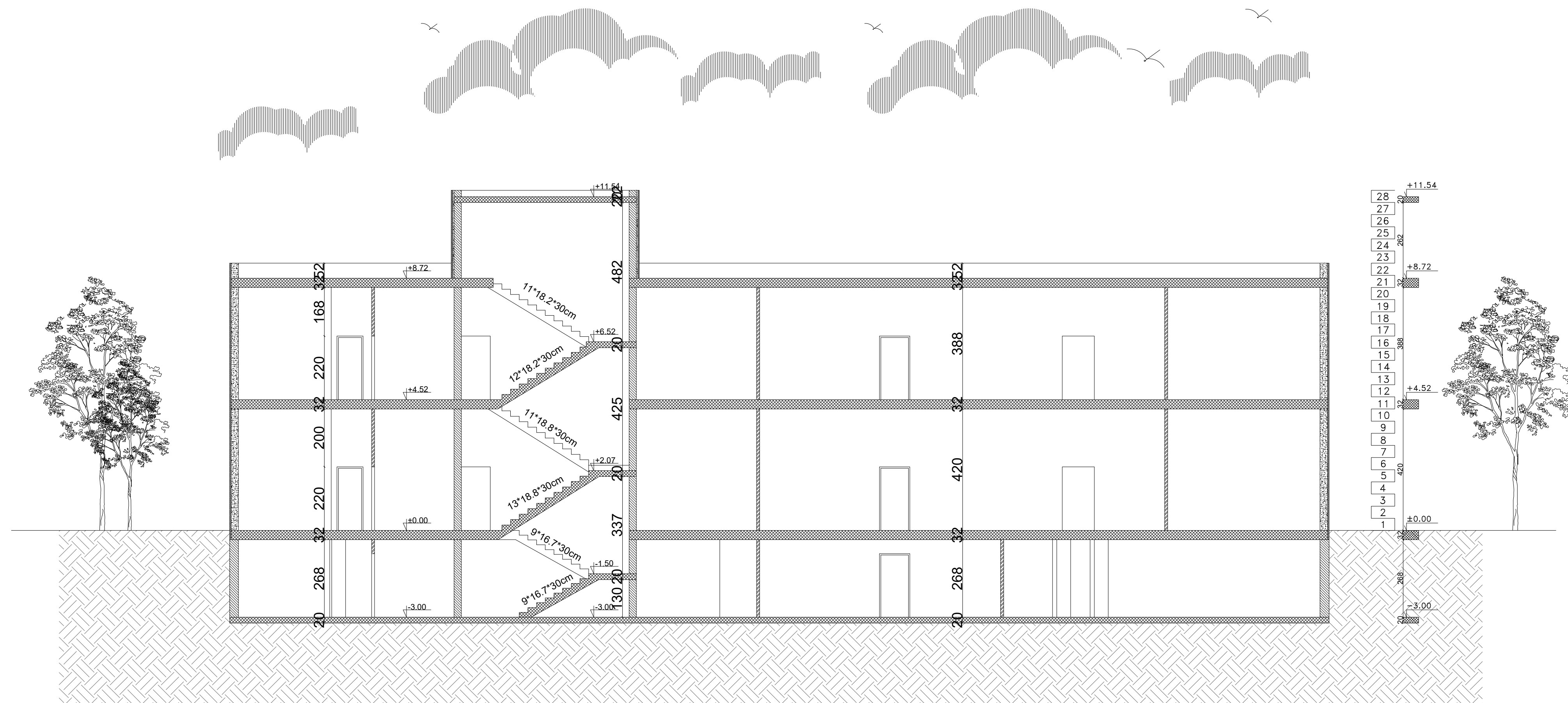
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Elevations

SCALE

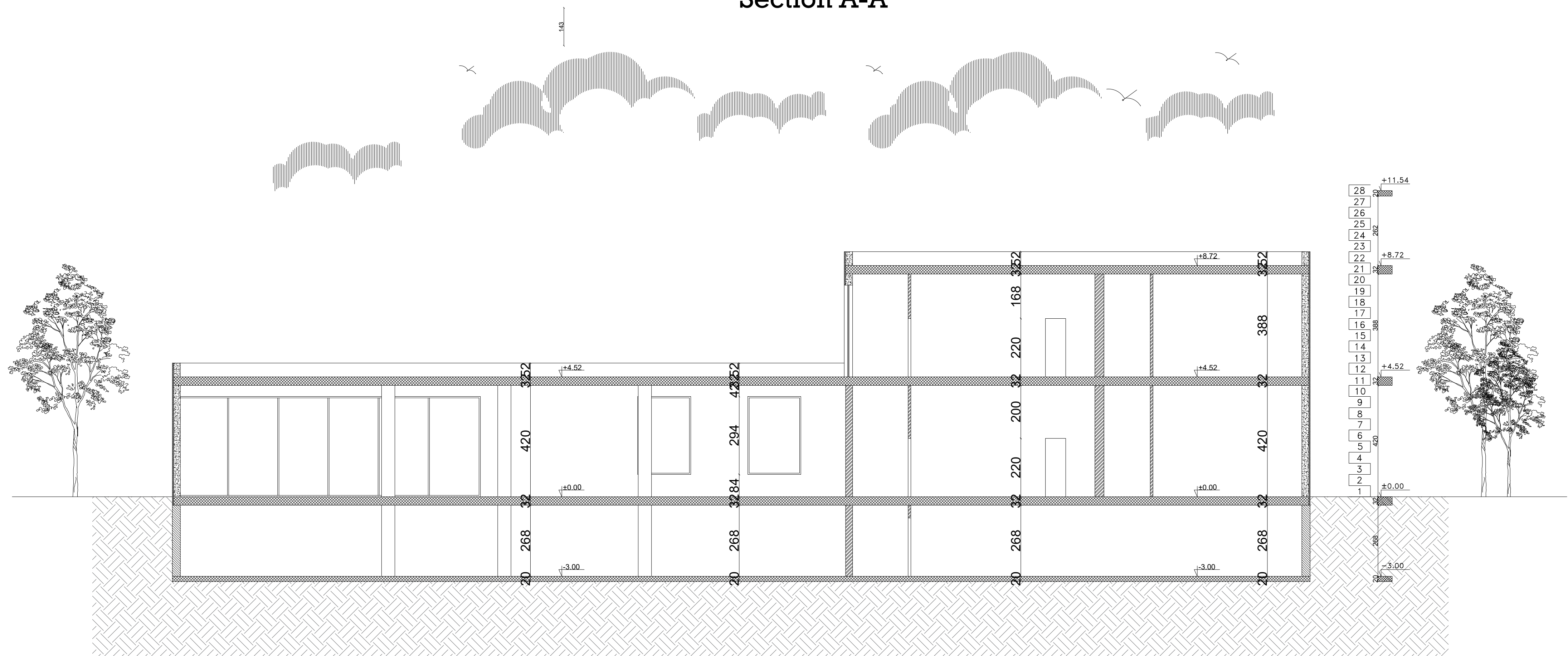
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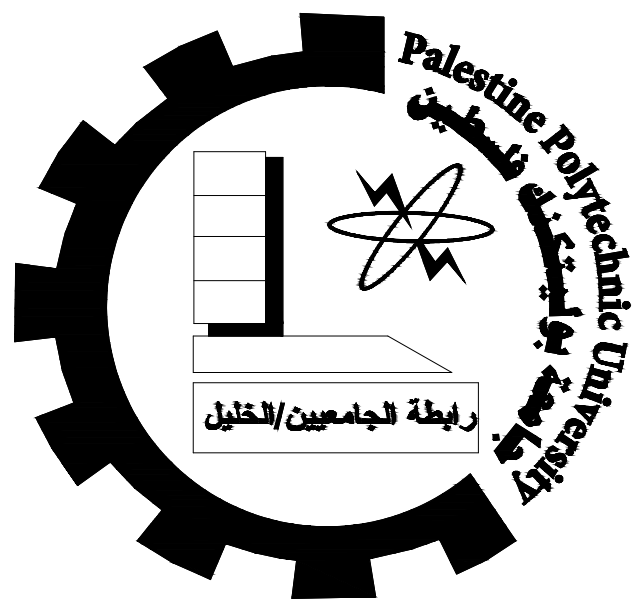
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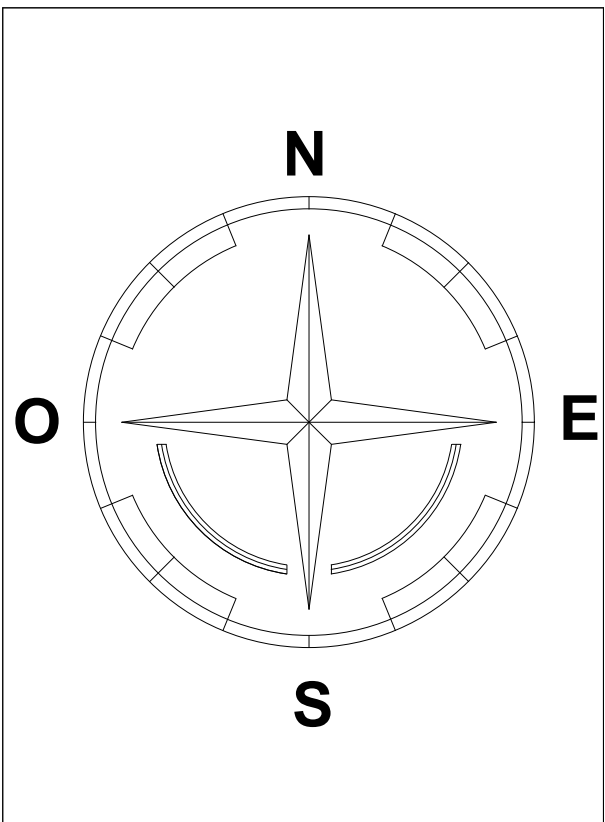
Section A-A



Section B-B



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

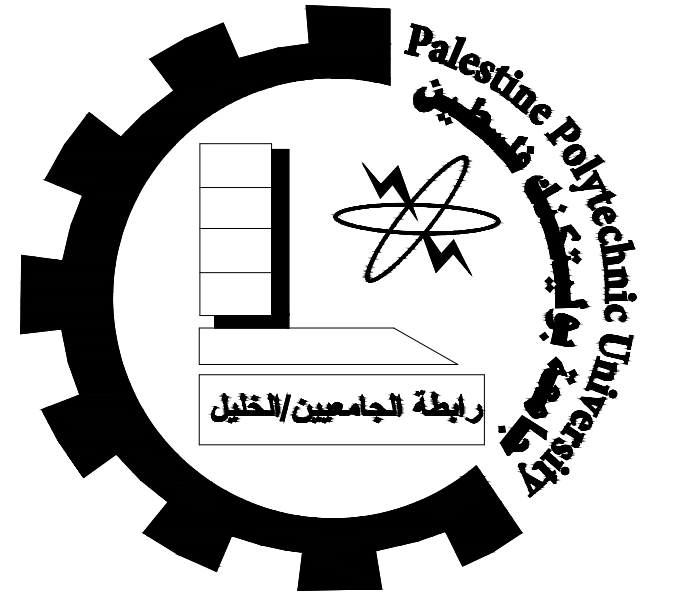
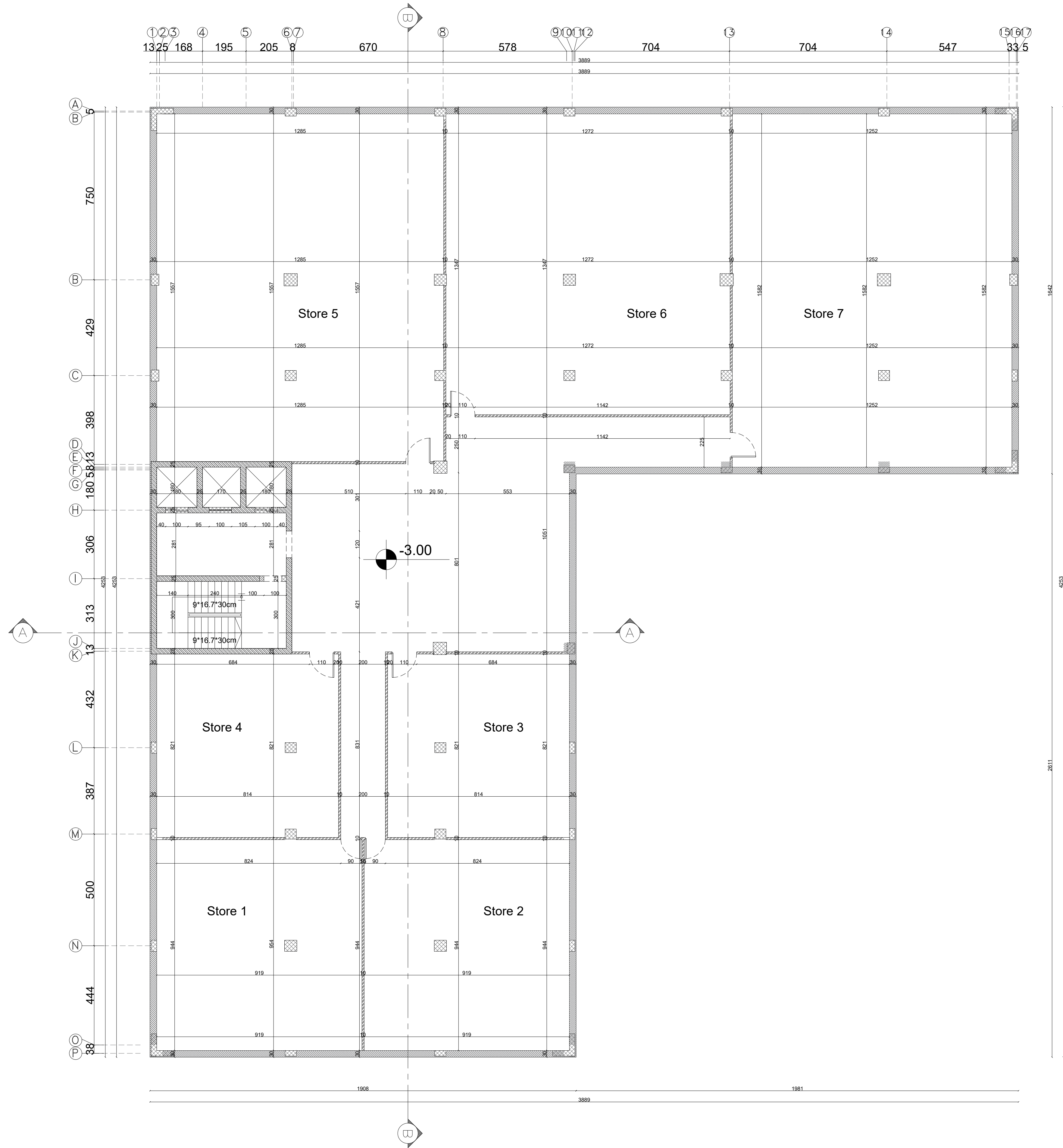
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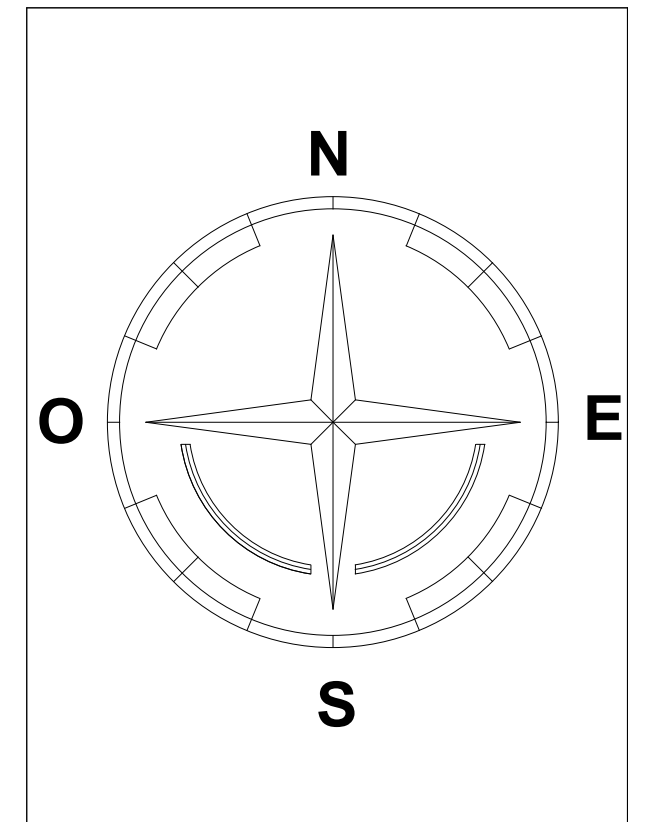
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A9



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
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Yousef Nasser

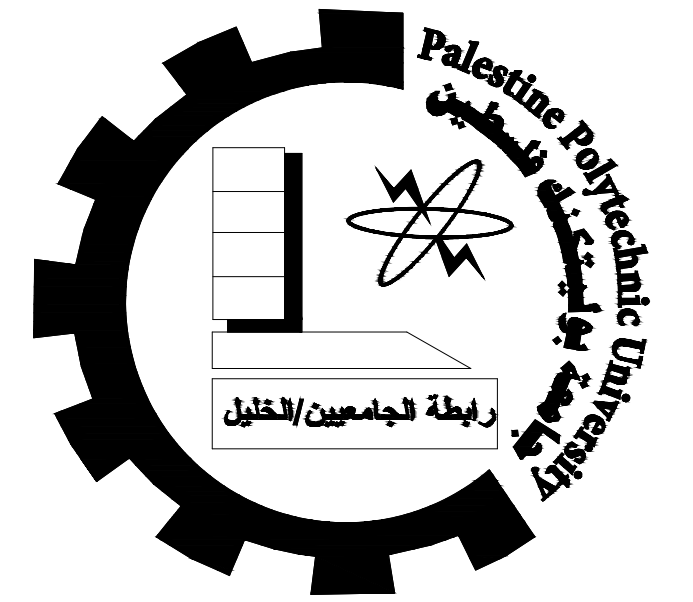
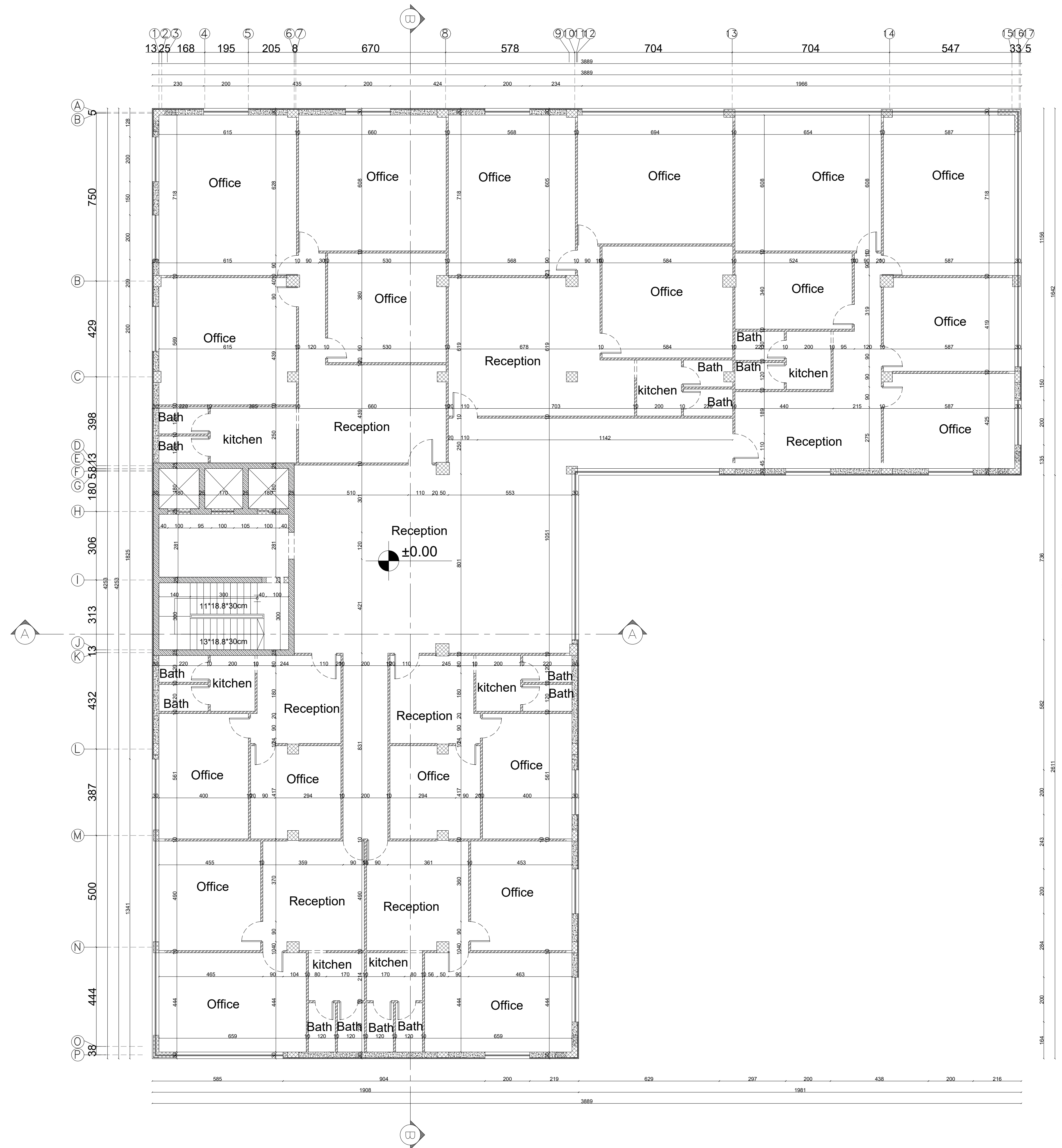
Drawing Title:
**Basement
Floor Plan**

SCALE

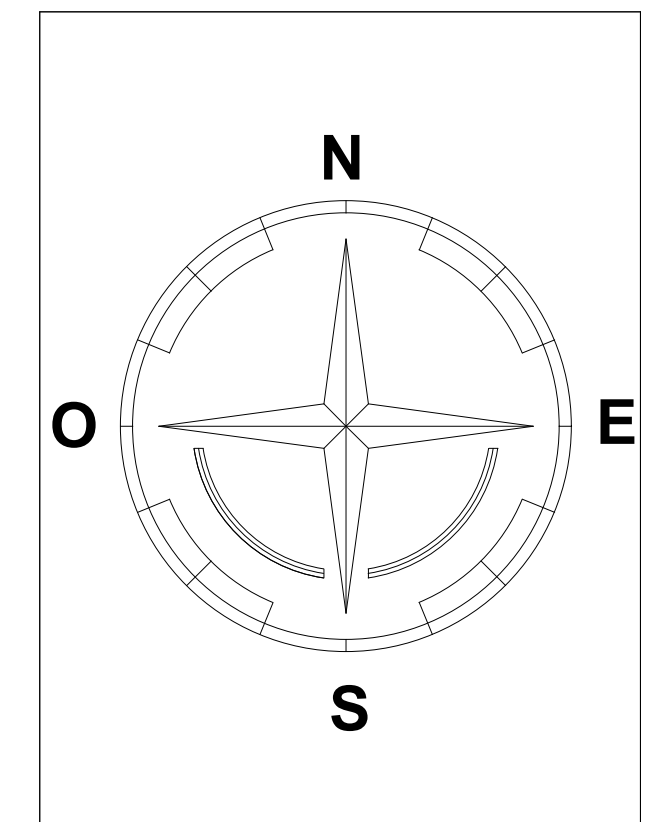
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A10



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

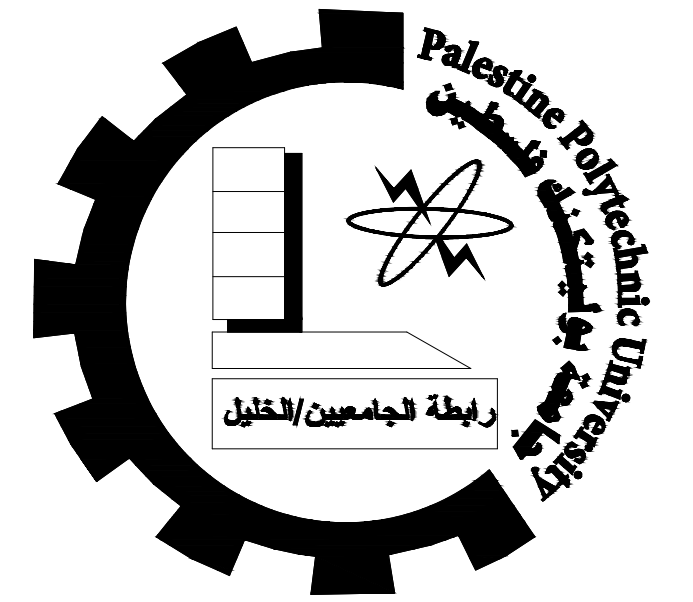
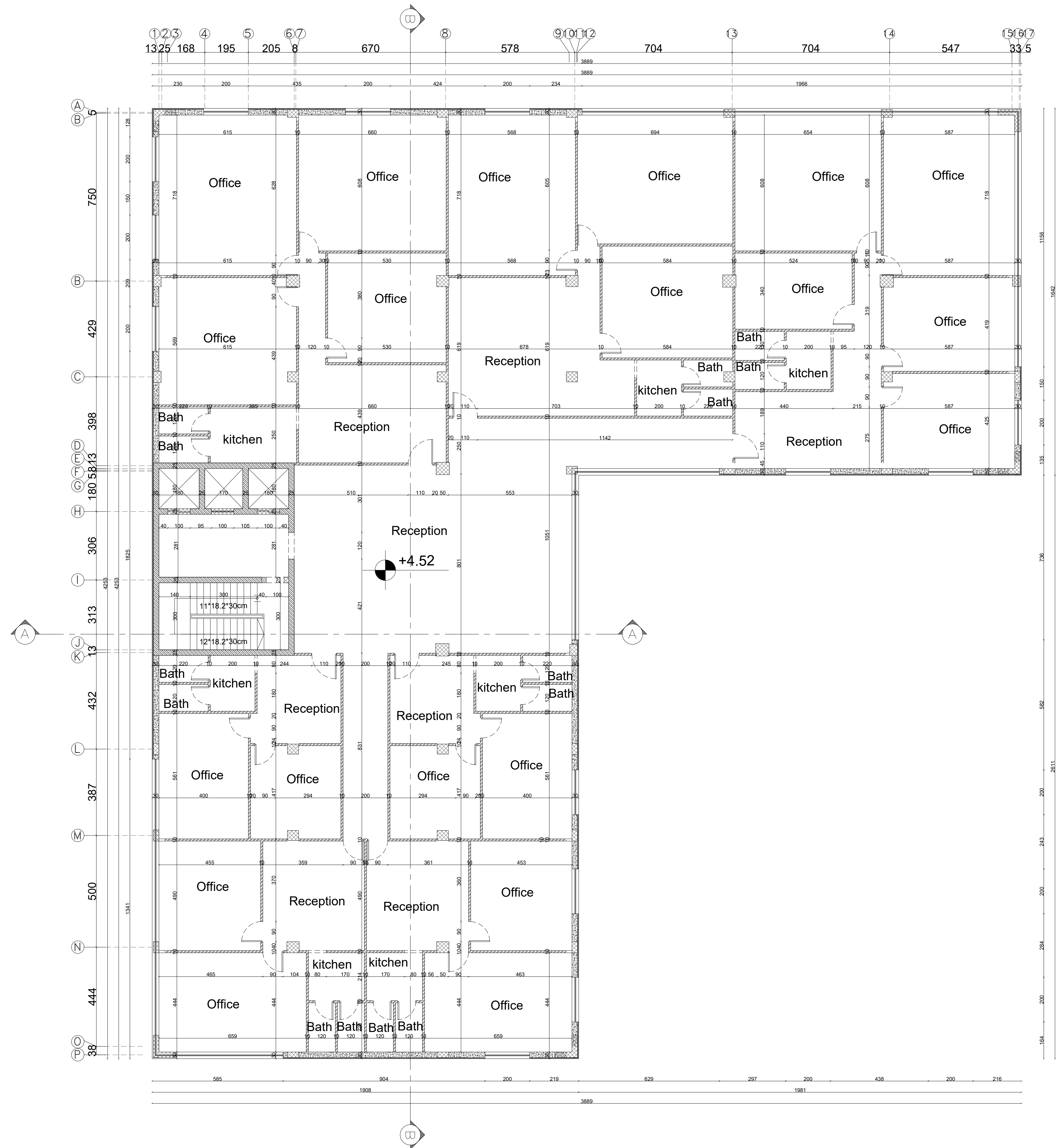
Drawing Title:
**Ground Floor
Dim Plan**

SCALE

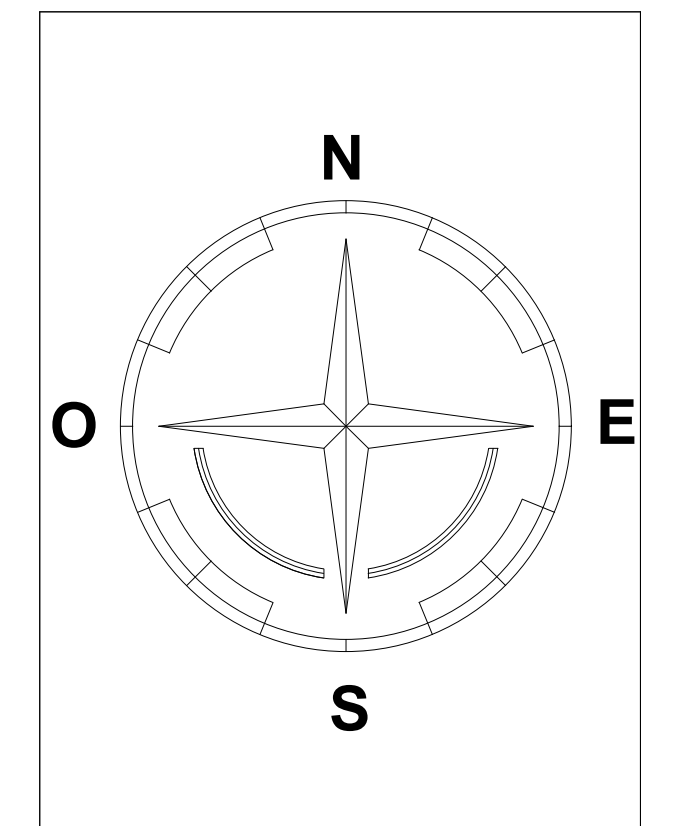
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A11



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

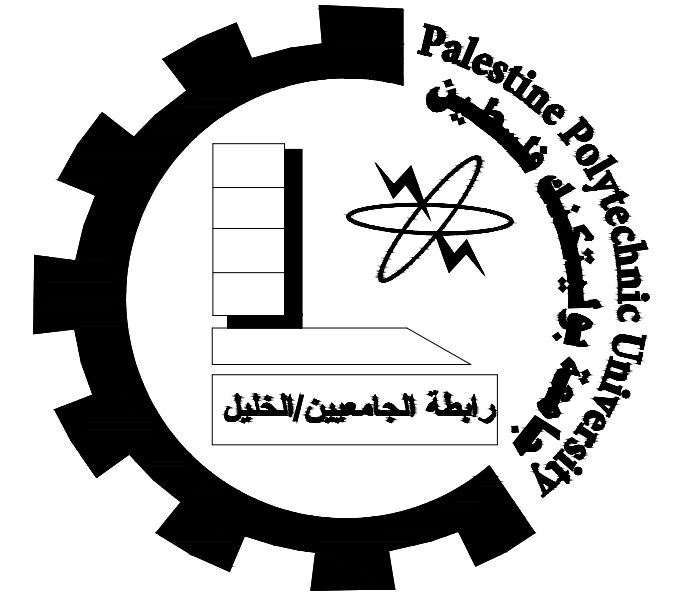
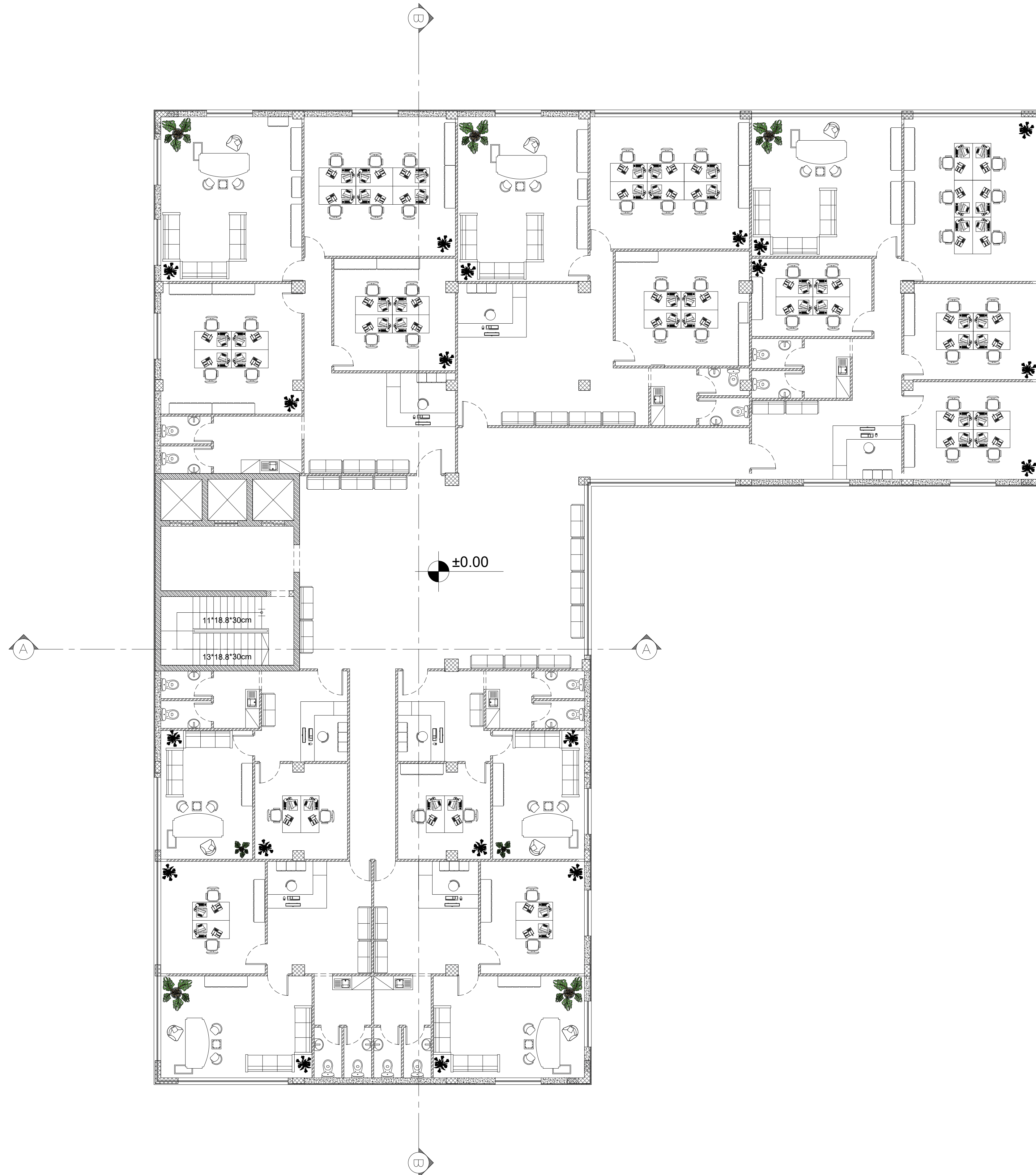
Drawing Title:
**First Floor
Dim Plan**

SCALE

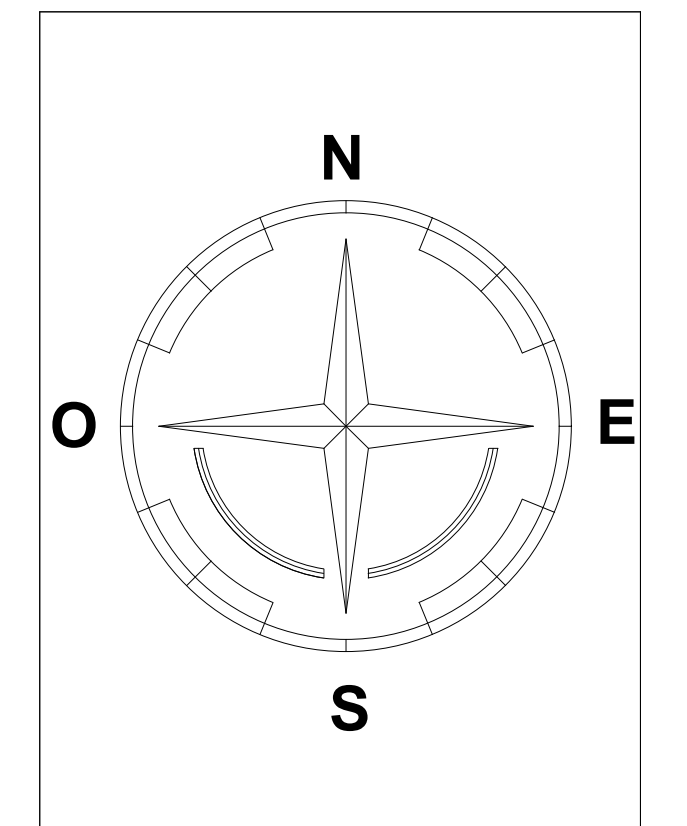
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A12



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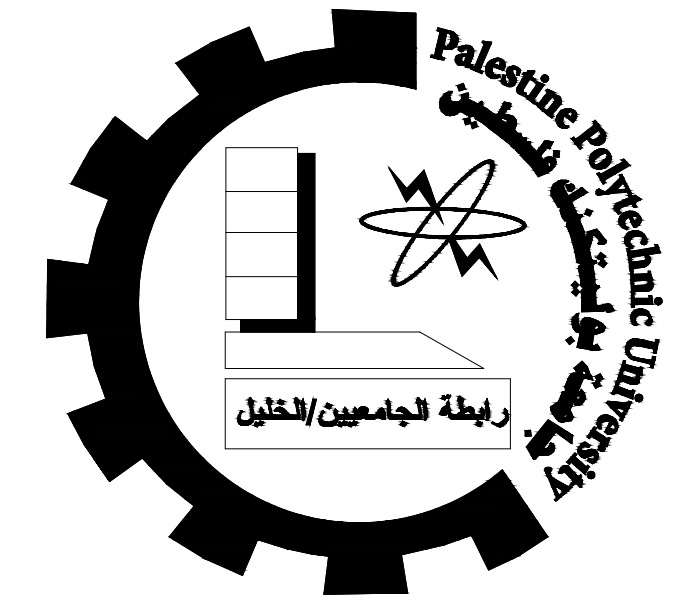
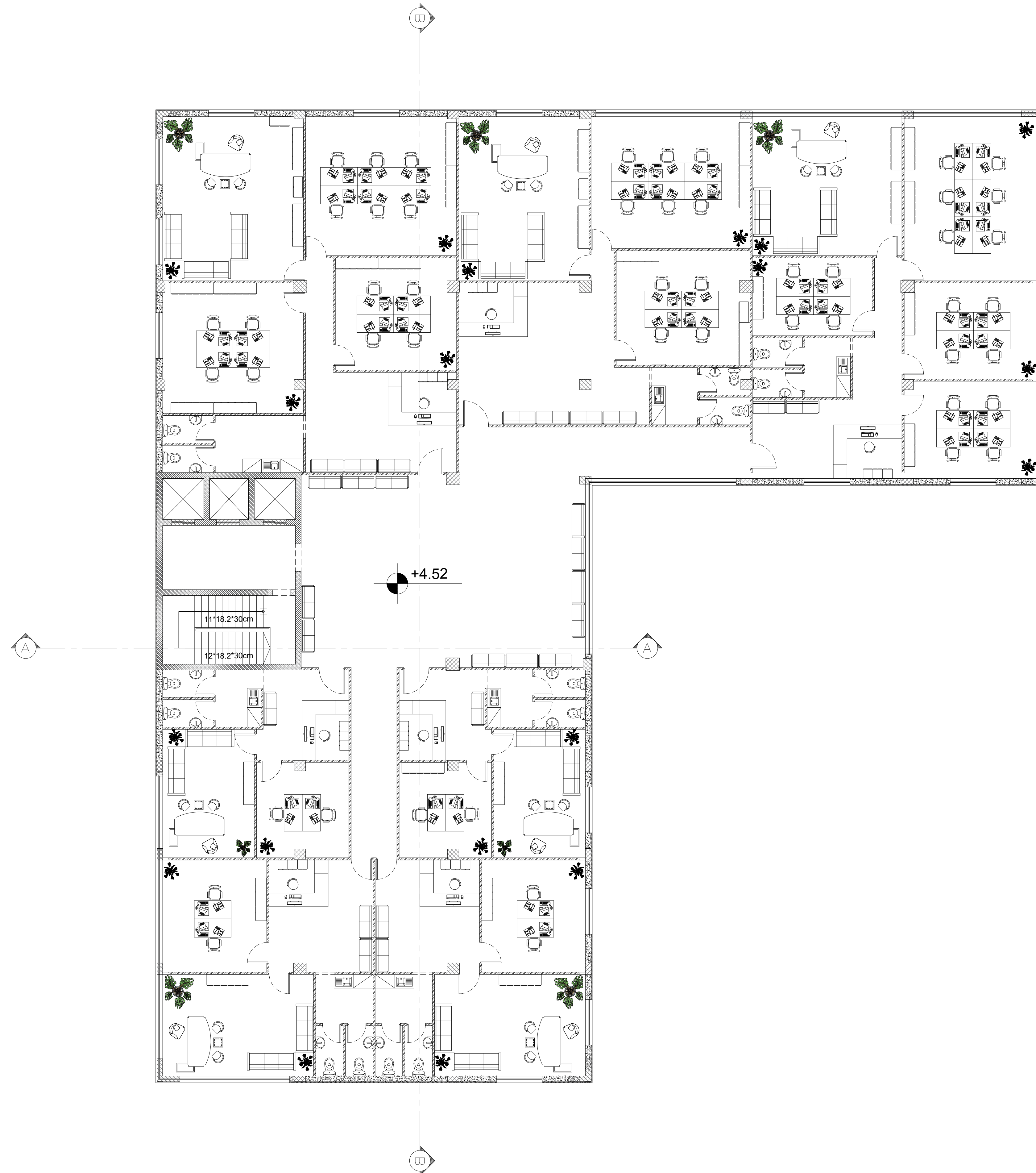
Project: Office Building

Supervisor: ENG. Hamdi Ideas

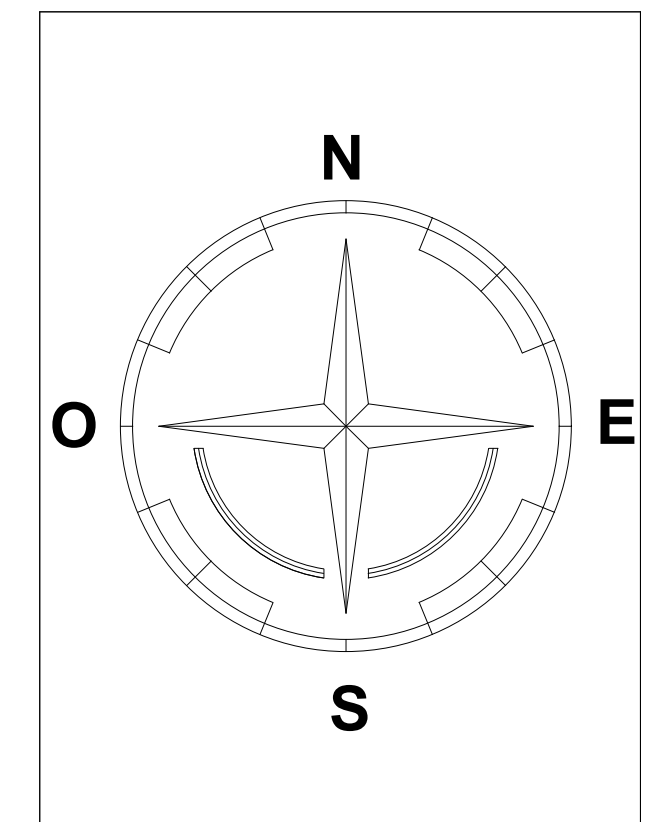
Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

Drawing Title:
**Ground Floor
Fur Plan**

SCALE	NO. OF DRAW
1:100	A14



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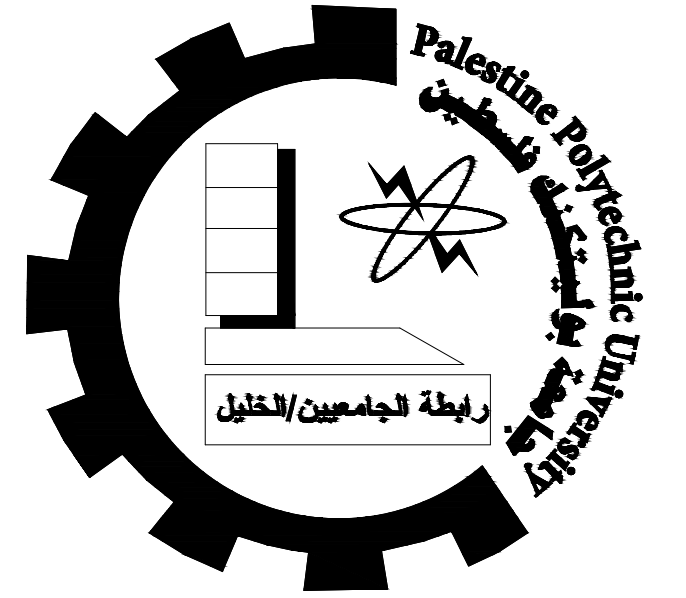
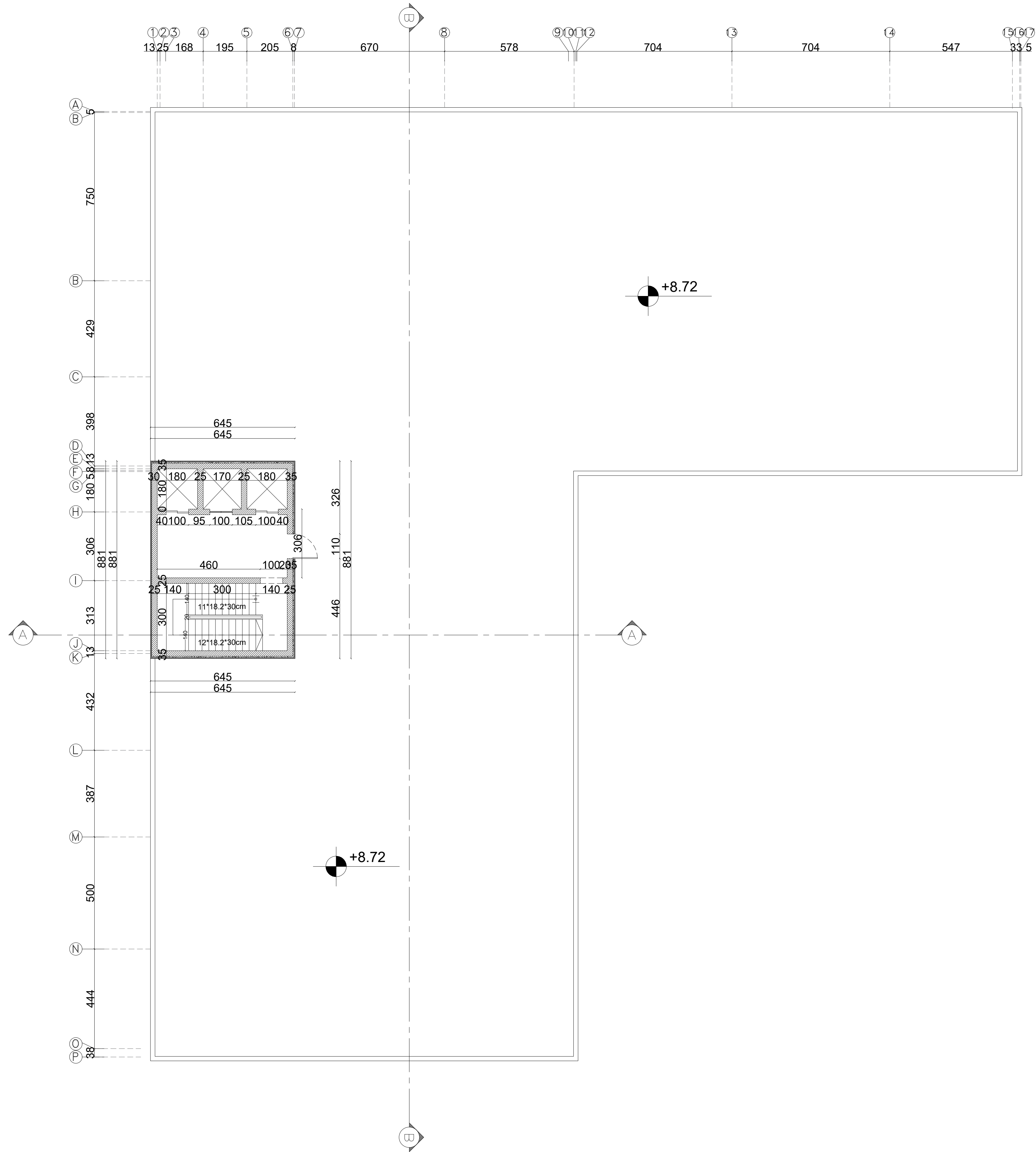
Project: Office Building

Supervisor: ENG. Hamdi Ideas

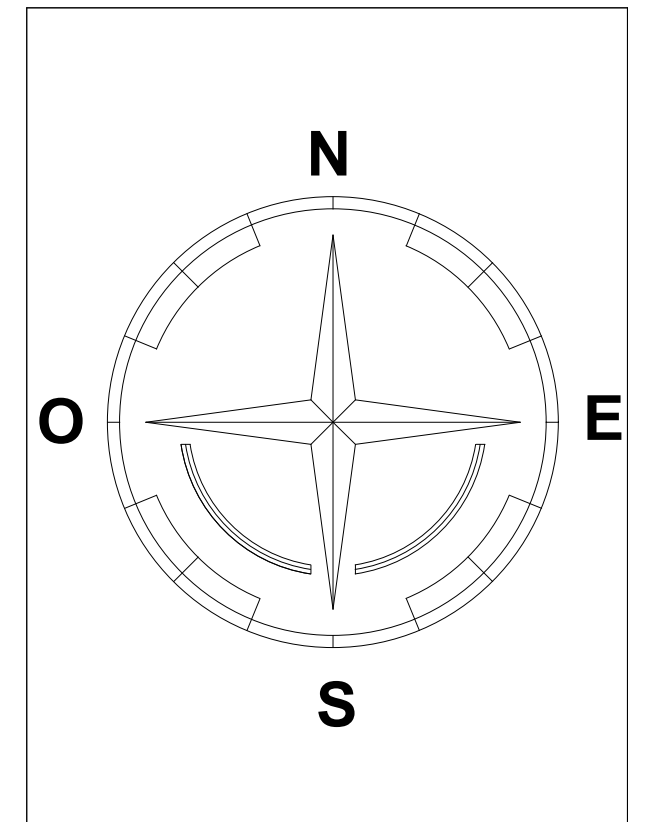
Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

Drawing Title:
**First Floor
Fur Plan**

SCALE	NO. OF DRAW
1:100	A15



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
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Yousef Nasser

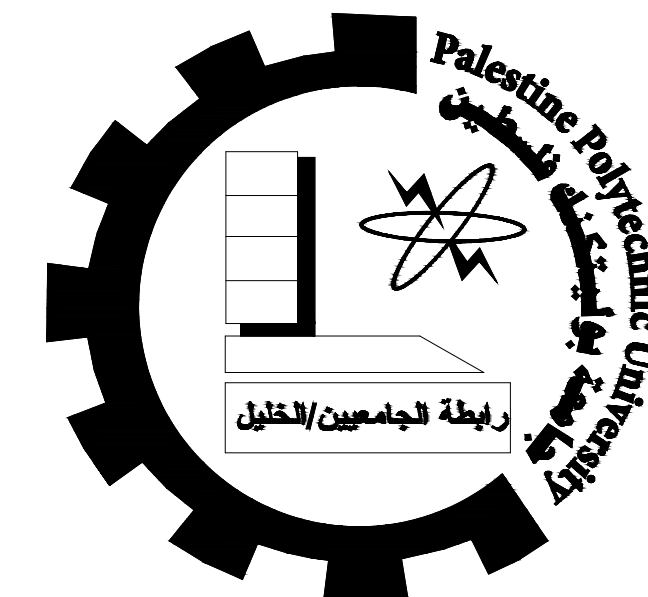
Drawing Title:
**Roof
Dim Plan**

SCALE

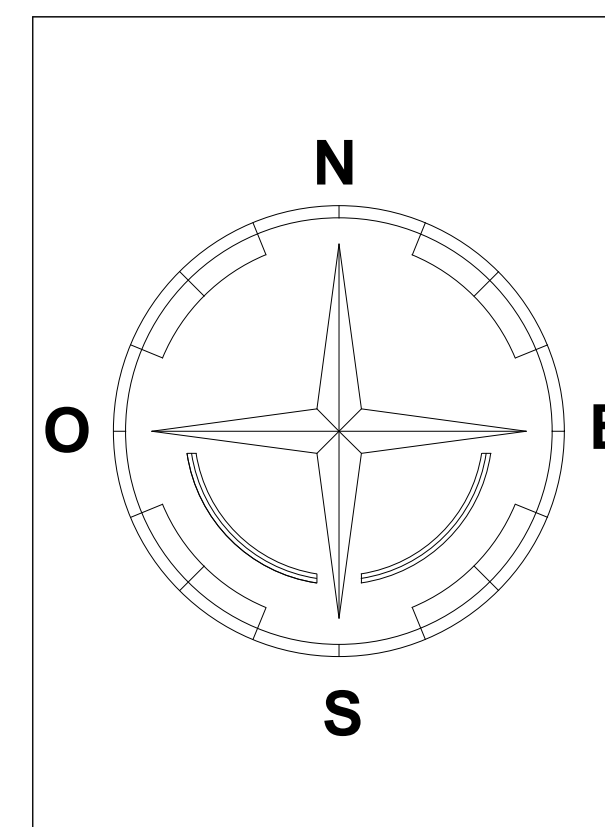
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A13



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

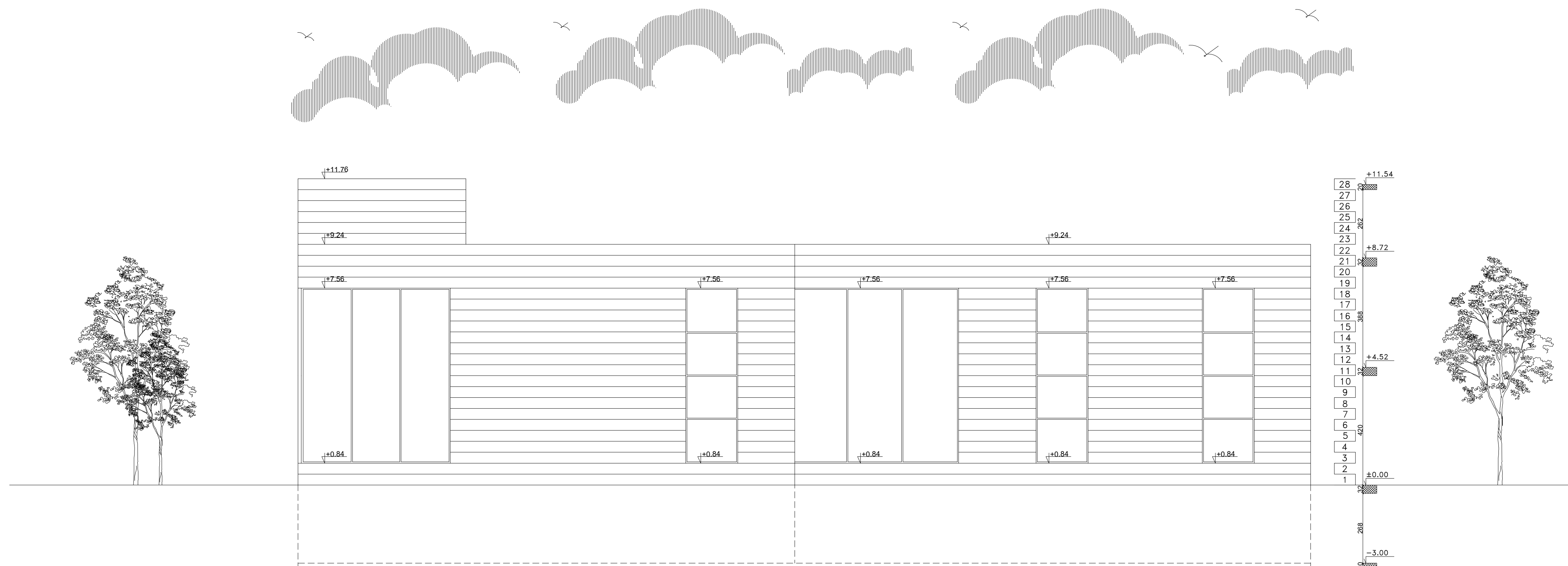
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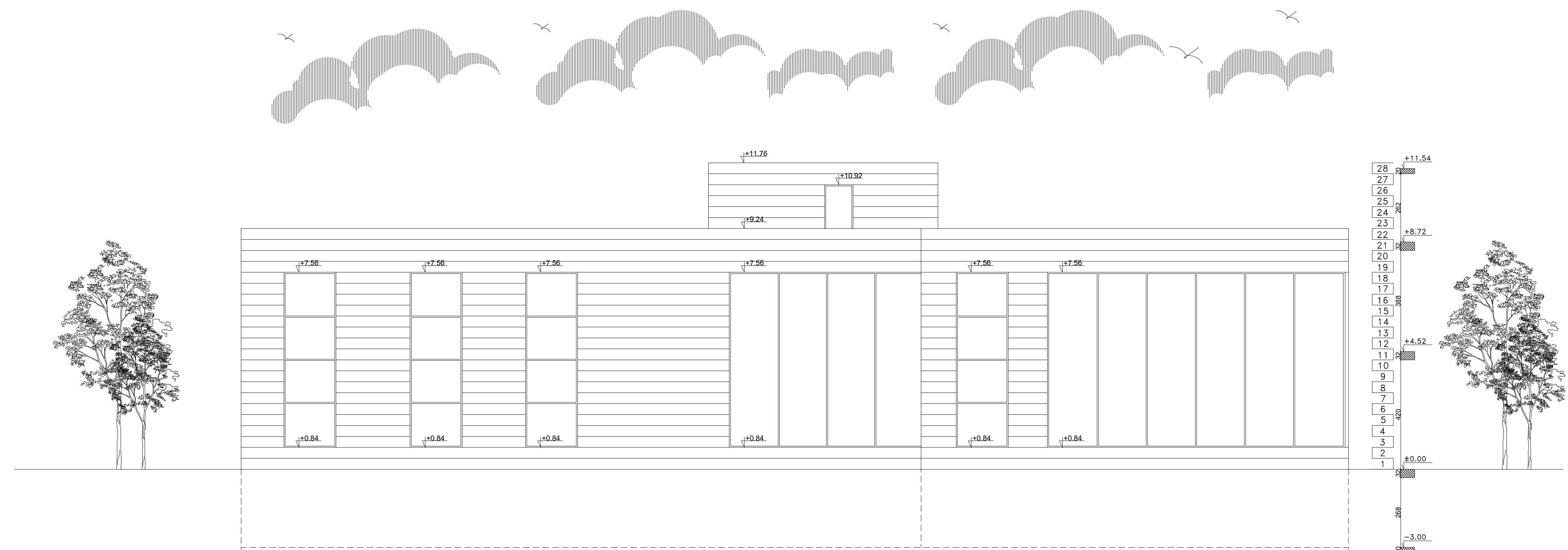
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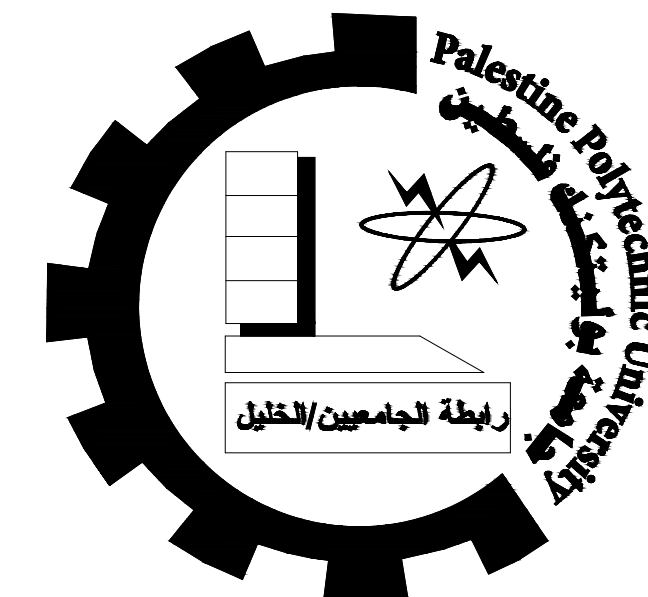
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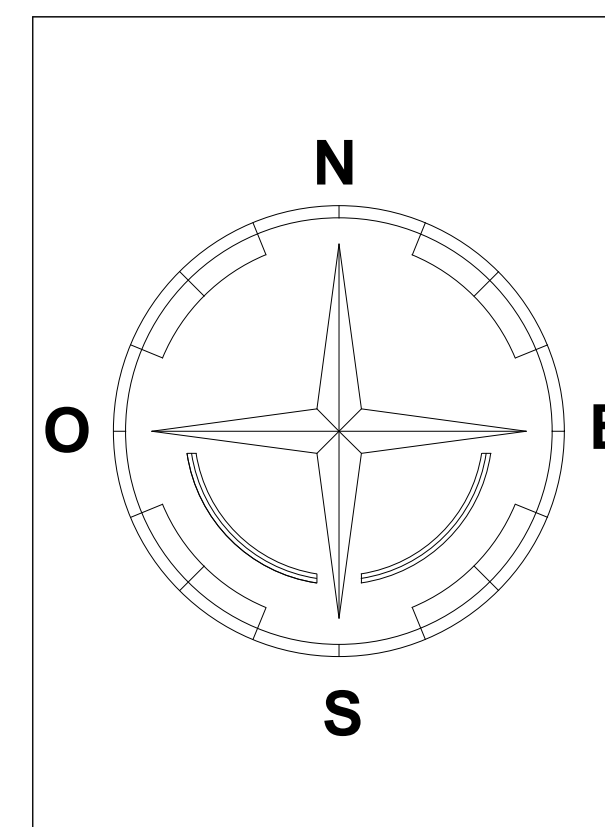
South Elevation



East Elevation



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

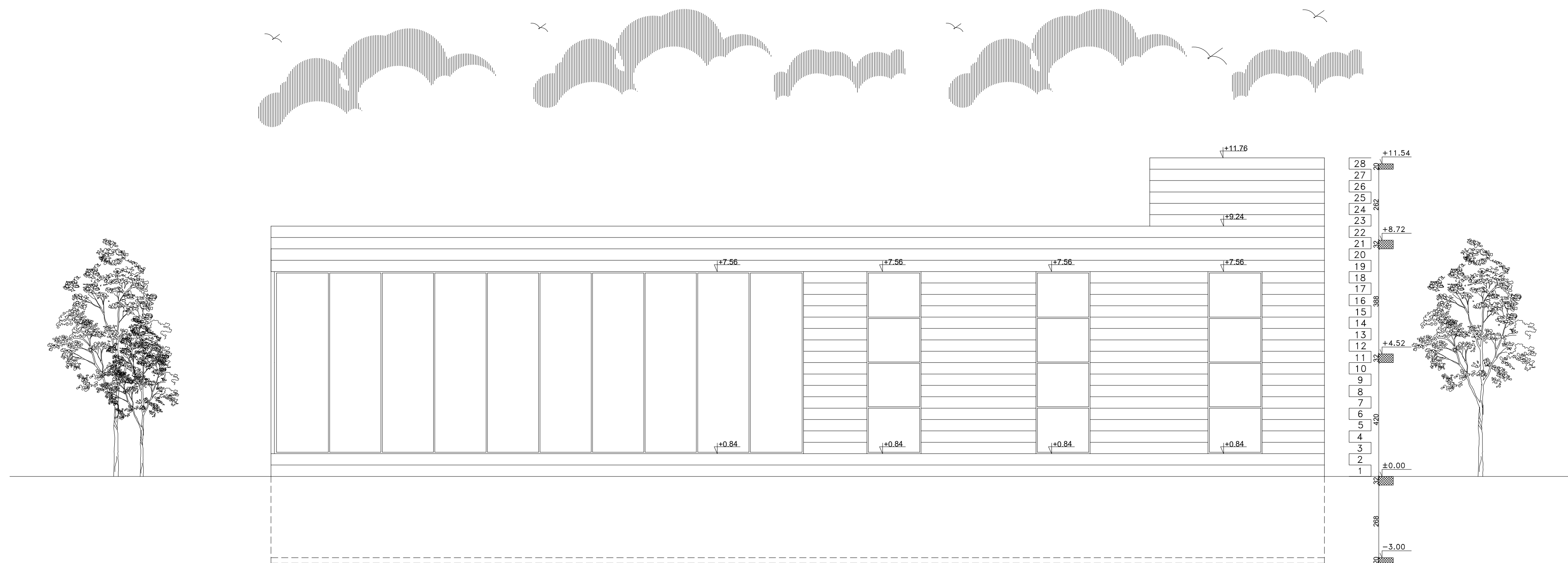
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Elevations

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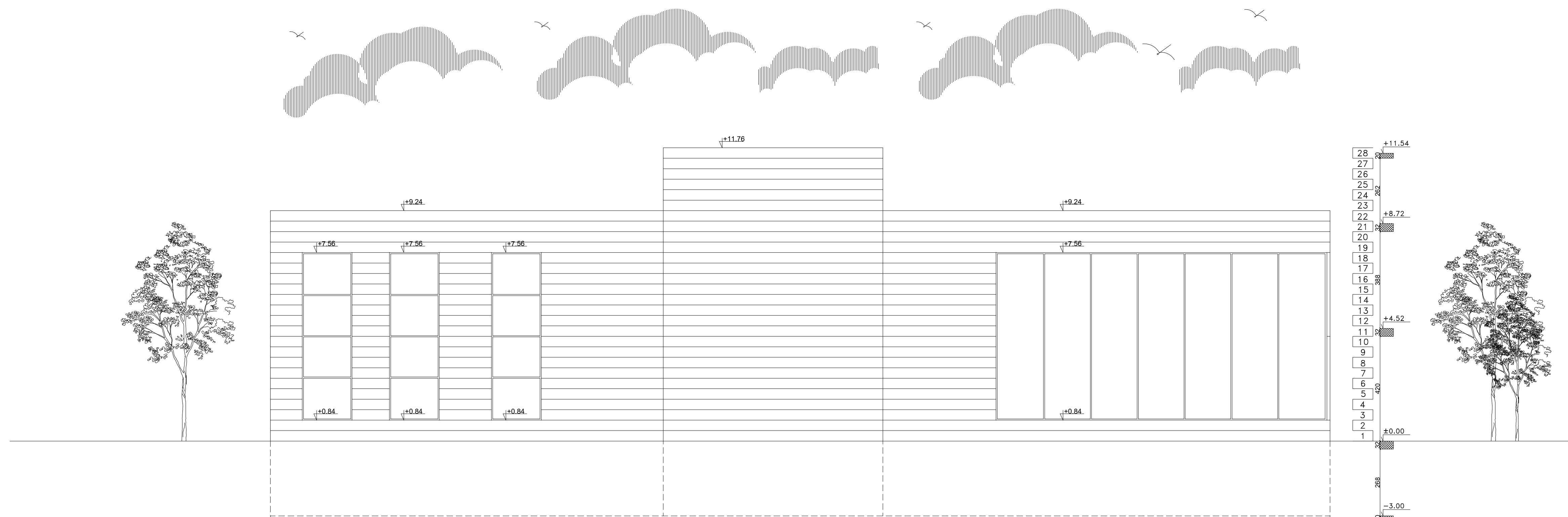
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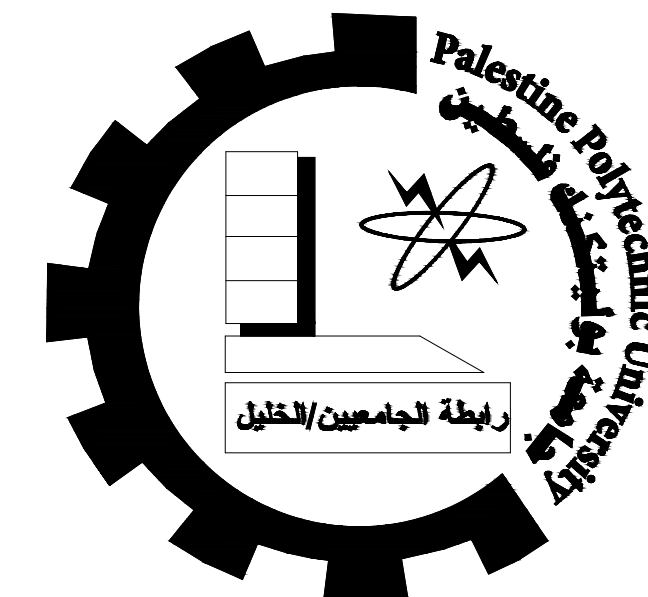
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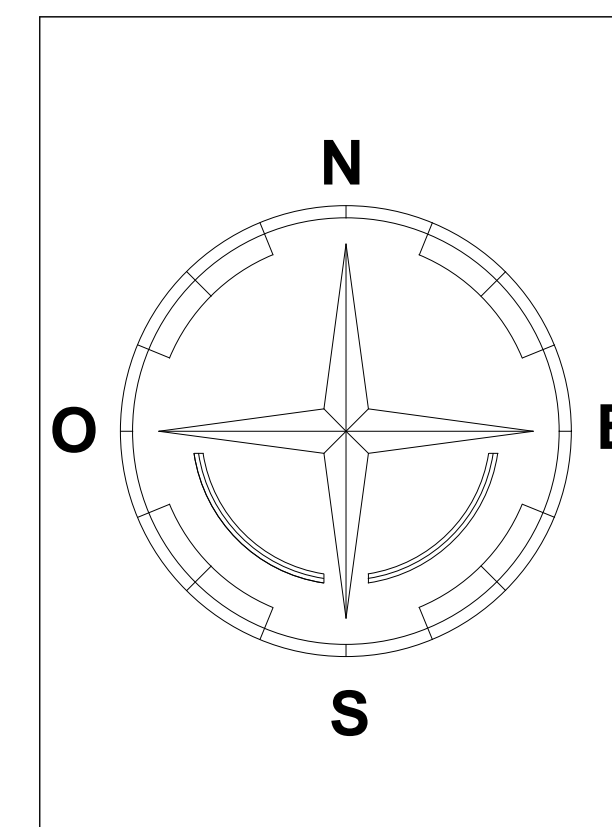
North Elevation



West Elevation



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Project: Office Building

Supervisor: ENG. Hamdi Ideas

Done By:
Ahmad Shkair
Ihab Farrah
Ali Nasser
Yousef Nasser

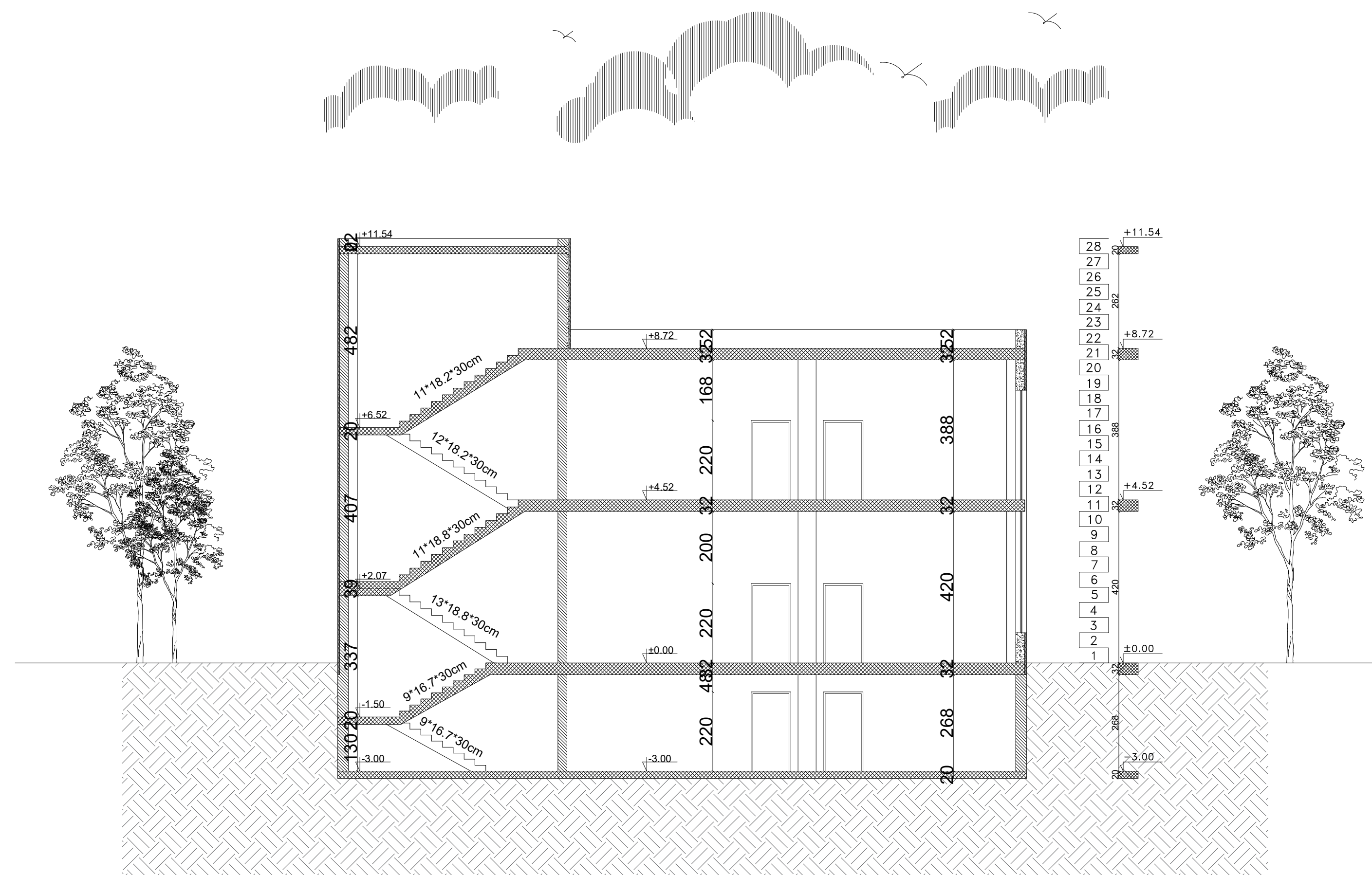
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Sections

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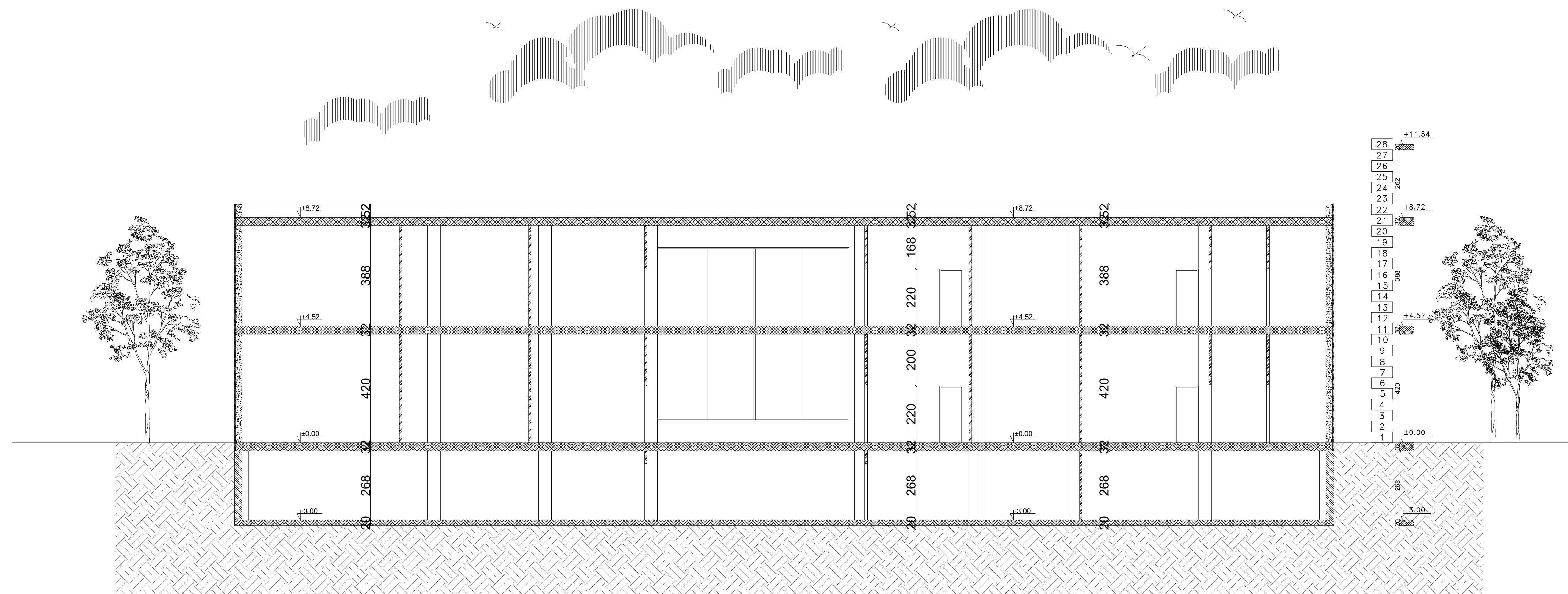
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NO. OF DRAW

A18



Section A-A



Section B-B