

LIST OF DRAWINGS

Architectural Drawings

Drawing No	Drawing Title
AR 01	Existing & Demolition Plan
AR 02	Dimensions Plan
AR 03	Furniture Plan
AR 04	Reflected Ceiling Plan
AR 05	Computer Desk Details
AR 06	Wooden Doors Details "1"
AR 07	Wooden Doors Details "2"
AR 08	Wooden Rubbing Rail Detail

NOTES

LEGEND

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No.	DATE	DESCRIPTION	BY
PROJECT			

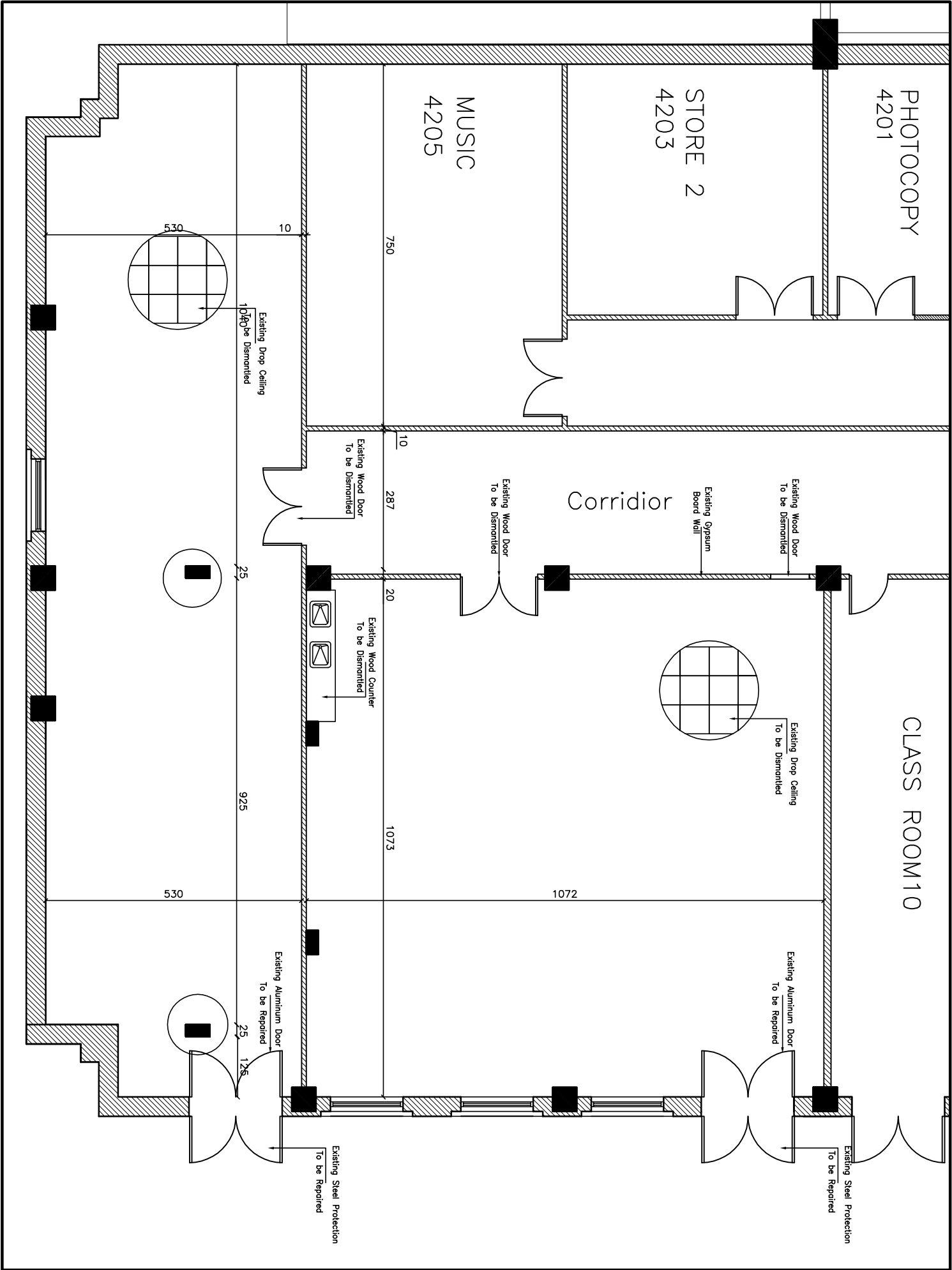
AL-QUDS UNIVERSITY
Rehabilitation and
Furnishing of
Computer Labs



ARCHITECTS & ENGINEERS

مكتب ديزاين ايج انجنيئرس

DRAWING TITLE			
BASEMENT--1 FLOOR			
Computer Lab			
List Of Drawings			
DESIGNED	DRAWN	DATE	DRAWING NO.
Doha Ibad	CO	30p. 2017	
CHECKED		SCALE	
Amrur Nader			A00



NOTES

LEGEND

REVISION

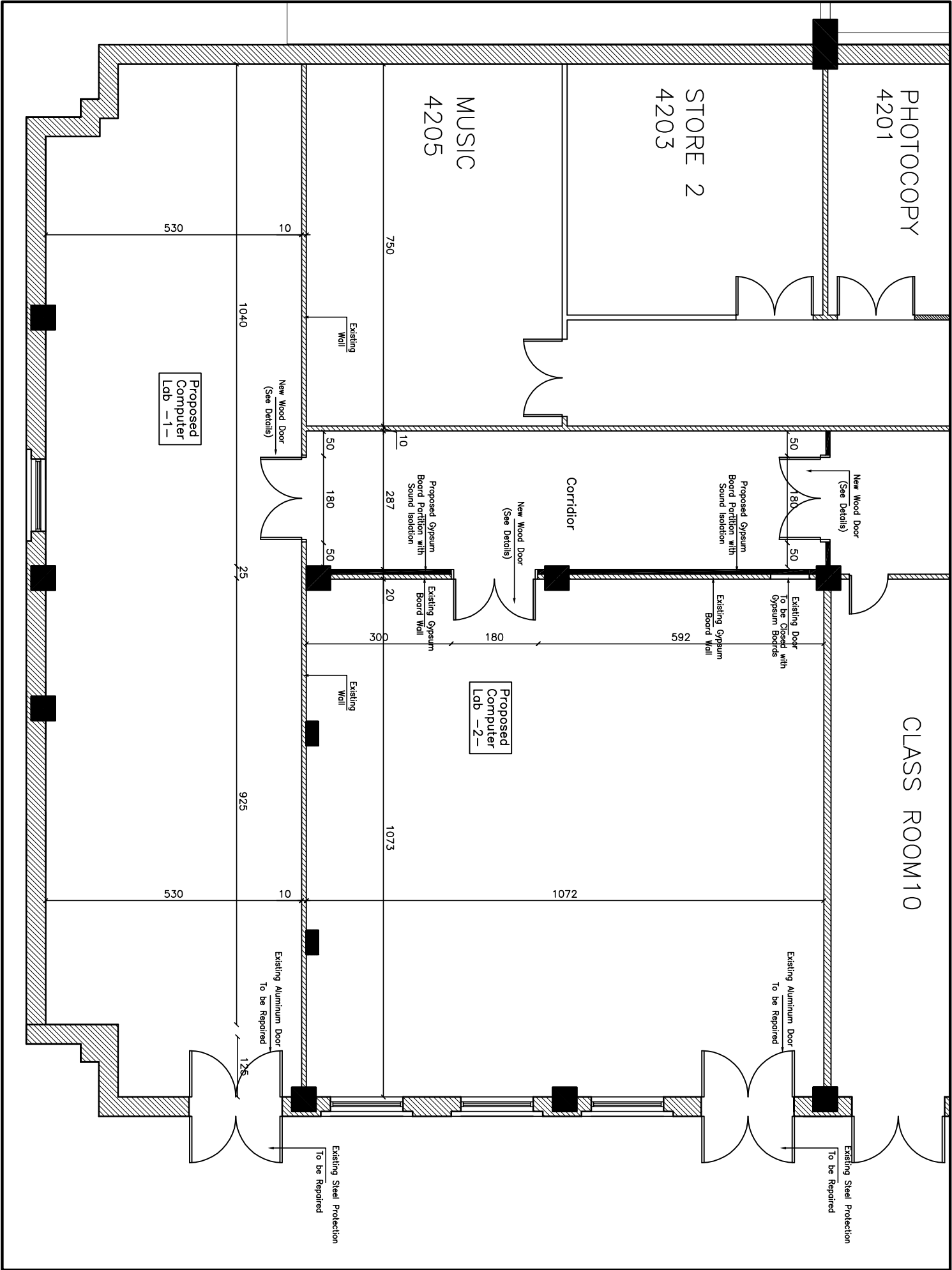
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DRAWING TITLE
BASEMENT-1 FLOOR
Computer Lab
Existing & Demolition Plan

DESIGNED	DRAWN	DATE	DRAWING NO.
DESIGNED	DESIGNED	DATE	DRAWING NO.
CAD	CAD	SEP. 2017	A01
CHECKED	CHECKED	SCALE	
APPROVED	APPROVED	1-100	



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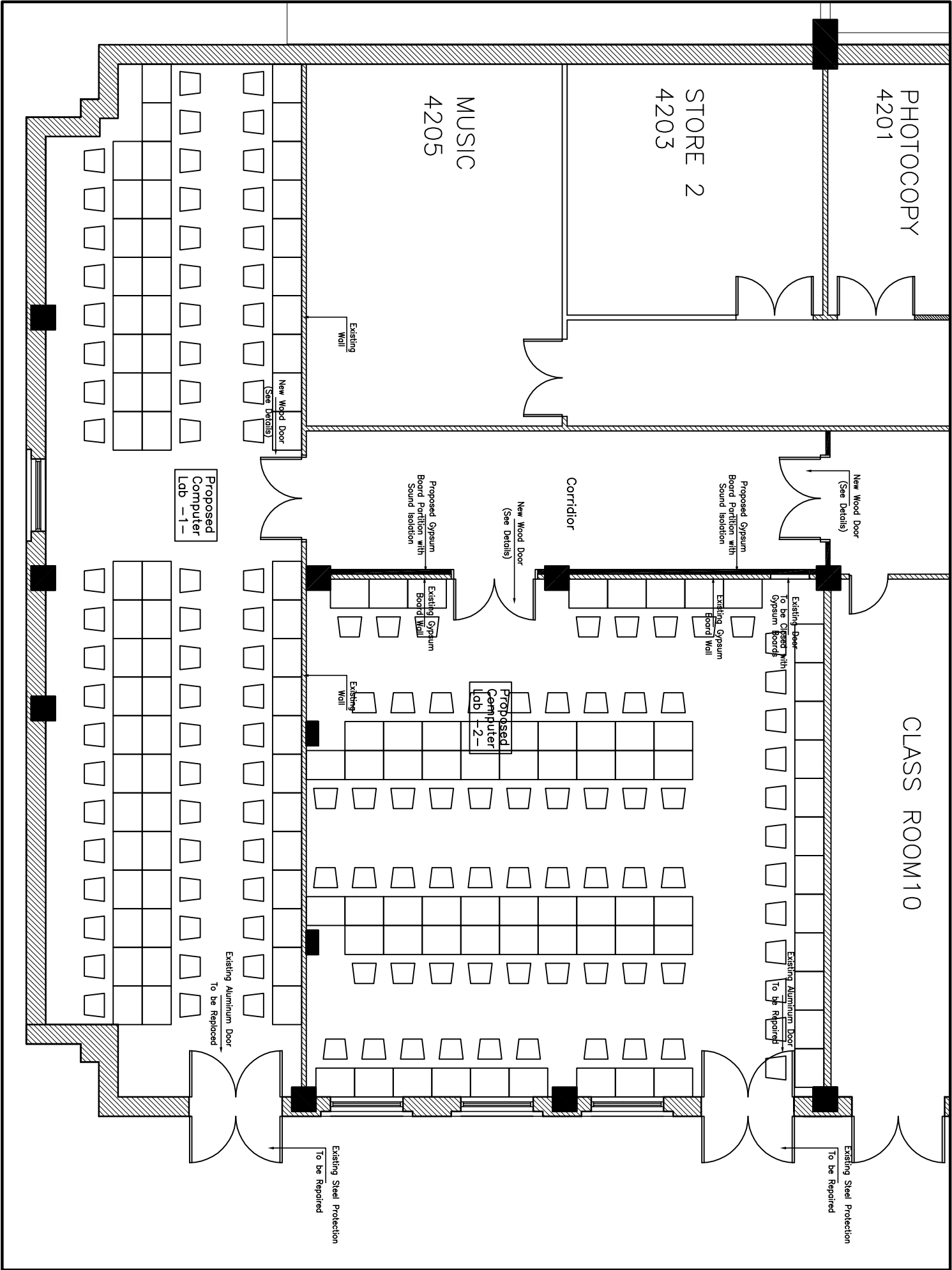
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مكتب ديزاين الهندسي

DRAWING TITLE
BASEMENT-1 FLOOR
Computer Lab
Dimensions Plan

DESIGNED	DRAWN	DATE	DRAWING NO.
Edye	Edye	2017	A02
CHECKED	SCALE	1-100	
Edye	1-100		



NOTES

LEGEND

REVISION

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No.	DATE	DESCRIPTION		BY
PROJECT				

AL-QUDS UNIVERSITY
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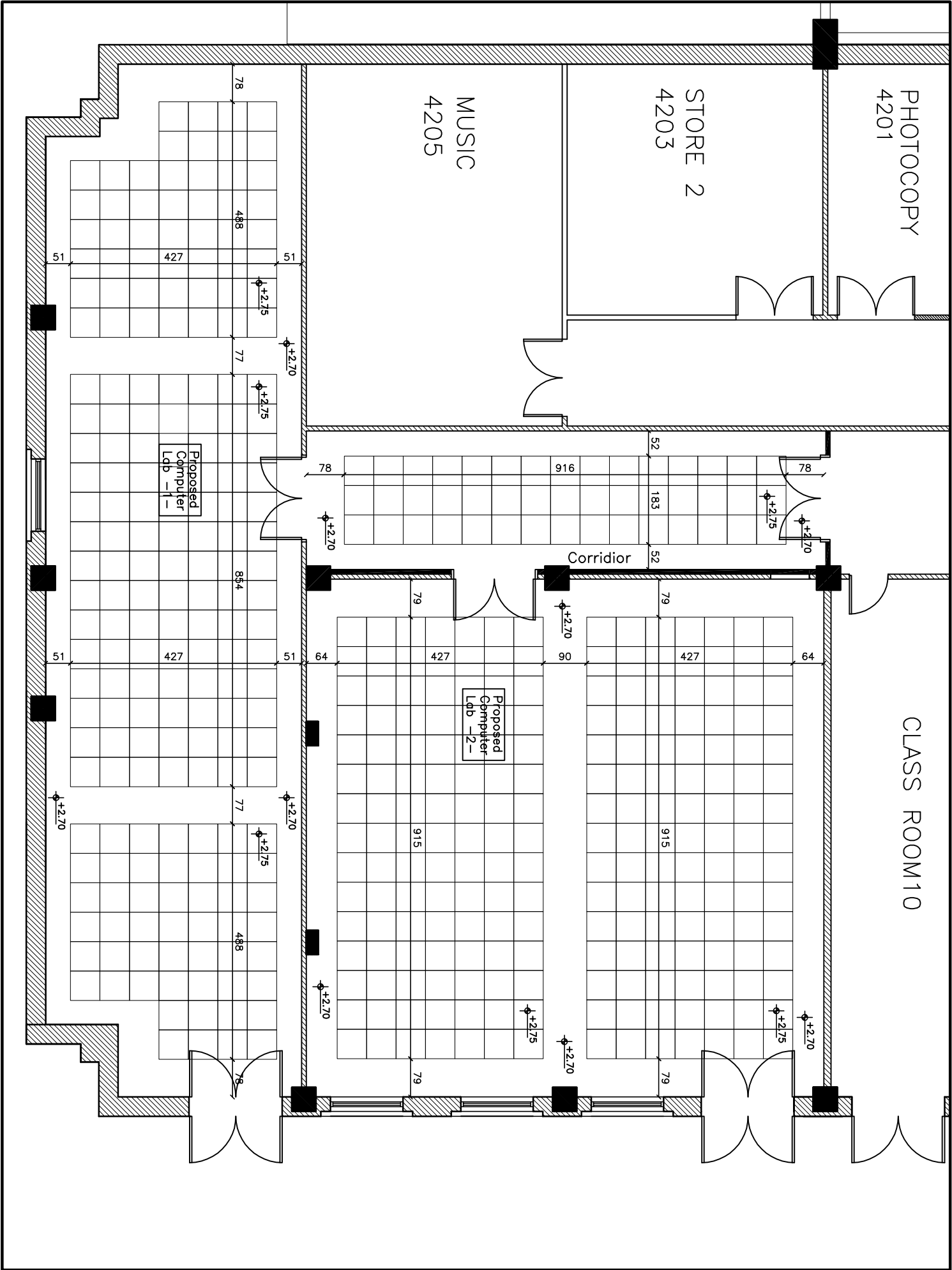


ARCHITECTS & ENGINEERS
مكتب ديزاين ايدج الهندسي

DRAWING TITLE

BASEMENT-1 FLOOR
Computer Lab
Furniture Plan

DESIGNED	DRAWN	DATE	DRAWING NO.
Drawn: haid	CAD	Sept. 2017	A03
CHECKED		SCALE	
Approved: Naderien		1-100	



NOTES

LEGEND

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No.		DATE	DESCRIPTION
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AL-QUDS UNIVERSITY
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Computer Labs



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DRAWING TITLE

BASEMENT-1 FLOOR
Computer Lab
Reflected Ceiling Plan

DESIGNED	DRAWN	DATE	DRAWING NO.
Dina Ibad	CO	30- 2017	A04
CHECKED		SCALE	
Amrur Radwan		1-100	

NOTES



LEGEND



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No.	DATE	DESCRIPTION	BY
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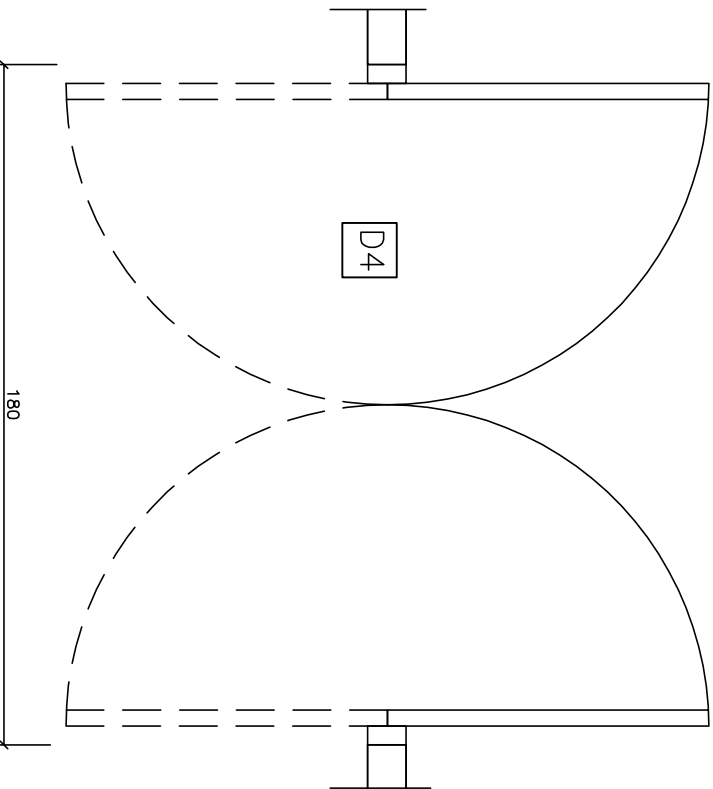
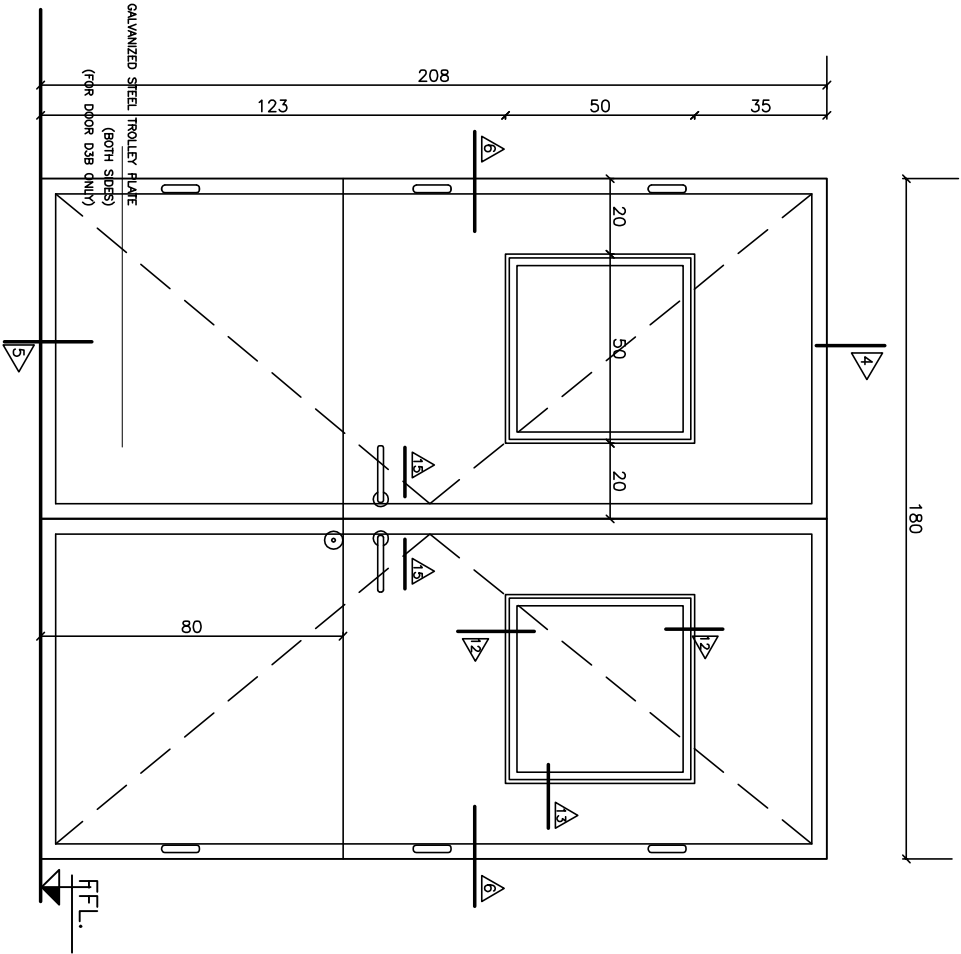
AL-QUDS UNIVERSITY
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Computer Labs



DRAWING TITLE

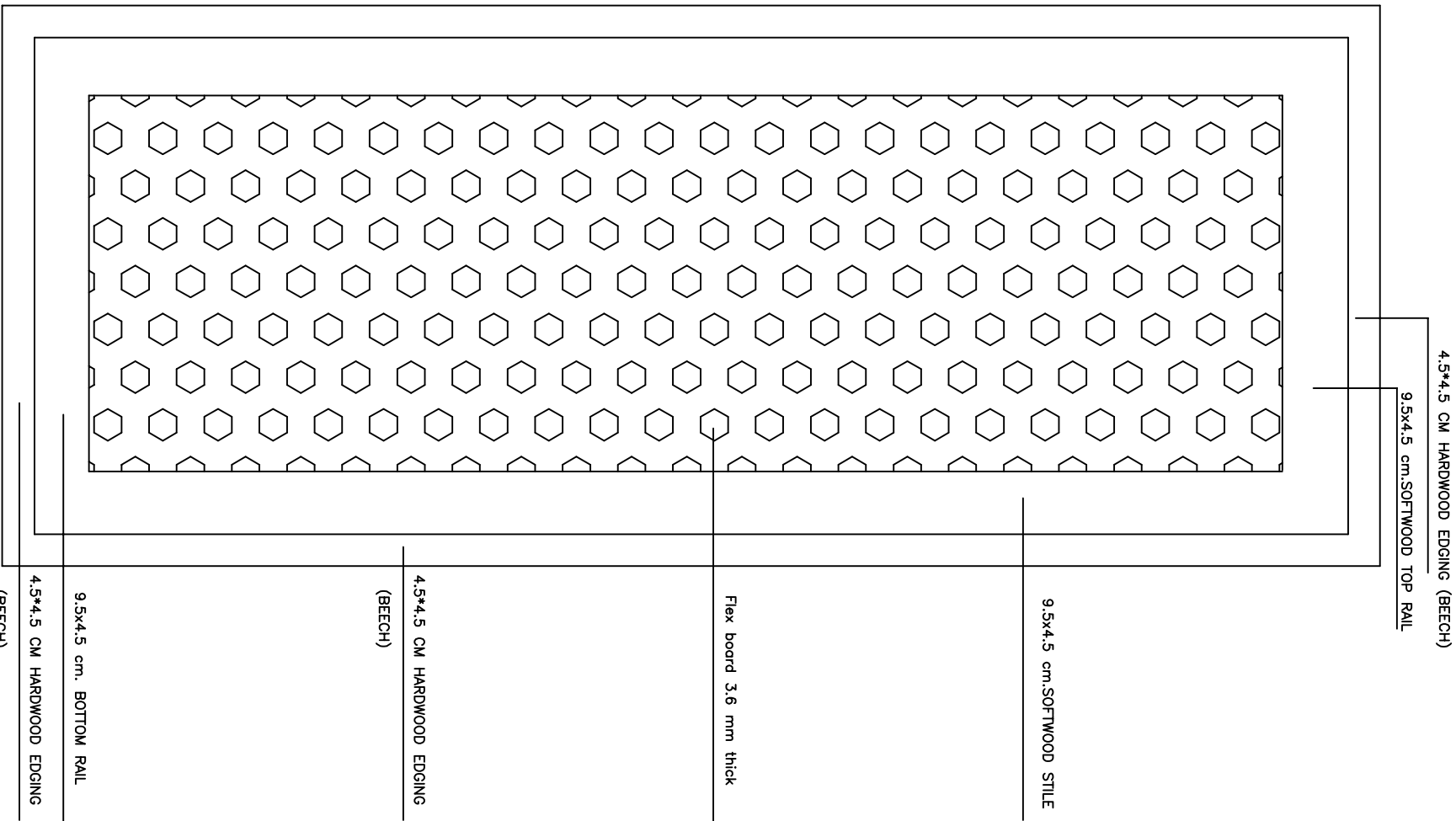
BASEMENT-1 FLOOR
Computer Lab
Computer Desk Details

DESIGNED	DRAWN	DATE	DRAWING NO.
Doha Ibad	CAD	30p. 2017	
CHECKED	SCALE		
Amrur Kader	1- 25		A05



WOODEN DOOR OF TYPE D1

Scale 1:20



TYPICAL WOODEN DOOR COMPOSITION

SCALE 1 – 10



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AL–QUDS UNIVERSITY

Rehabilitation and Furnishing

of Computer Labs

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REV.	DATE	DESCRIPTION	BY

DESIGN: A.K.
CHECKED: A.K.
DATE: Sep 2016
SCALE: As Shown

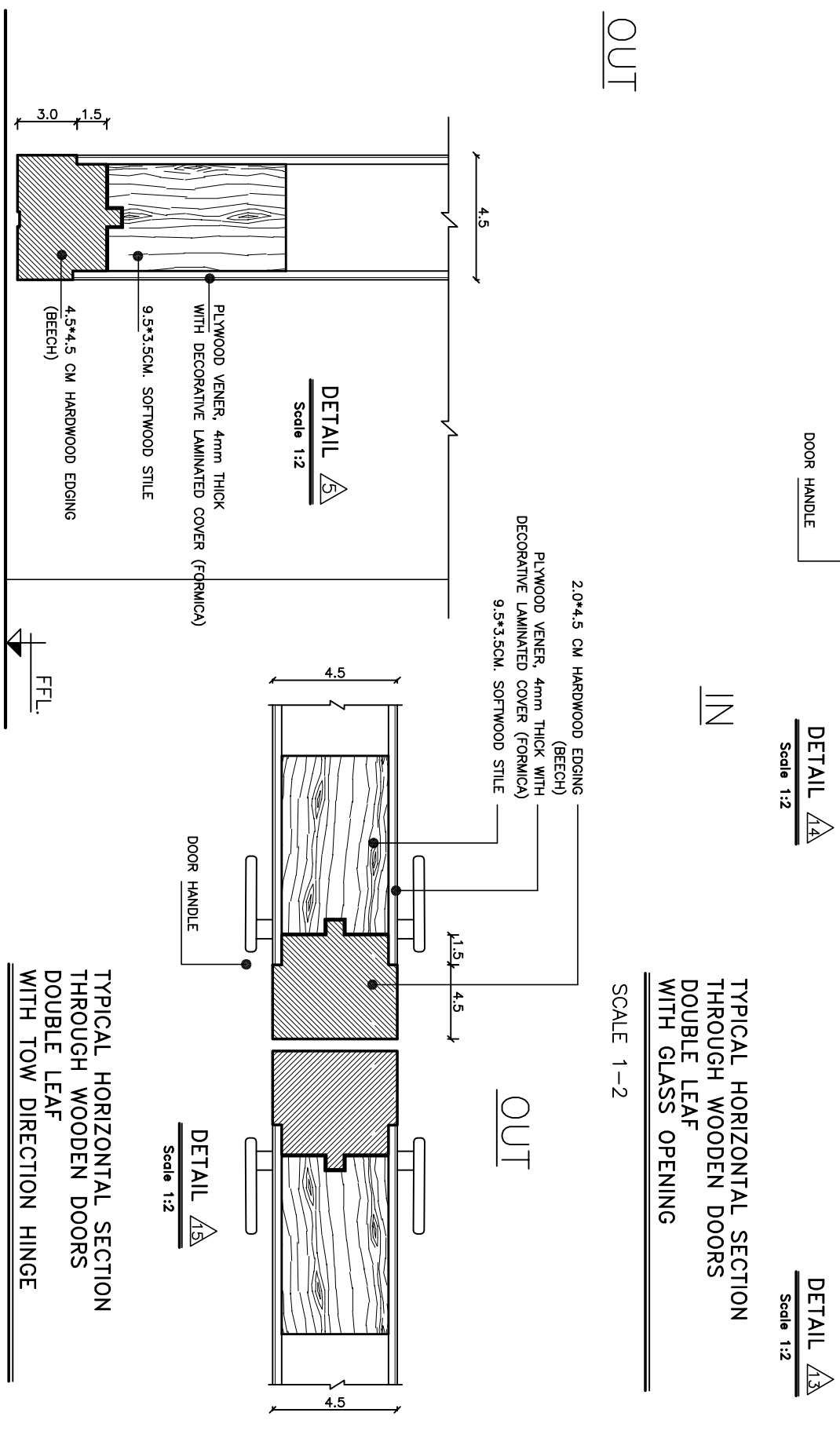
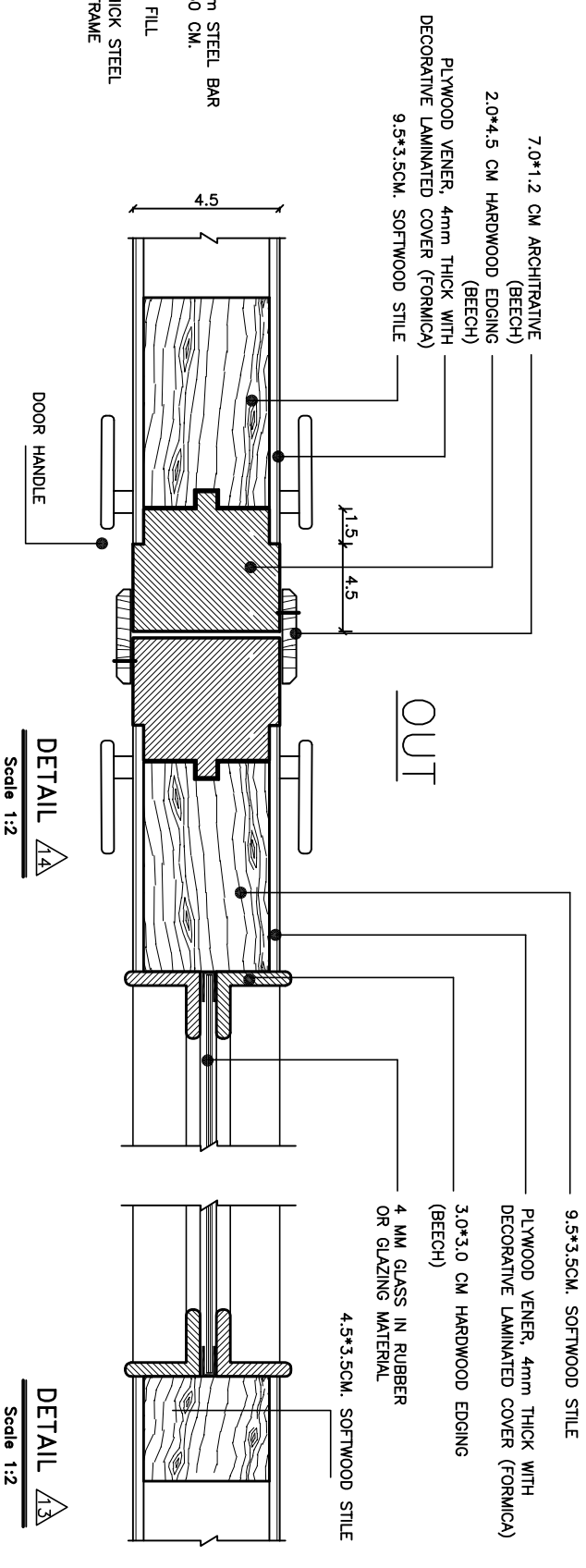
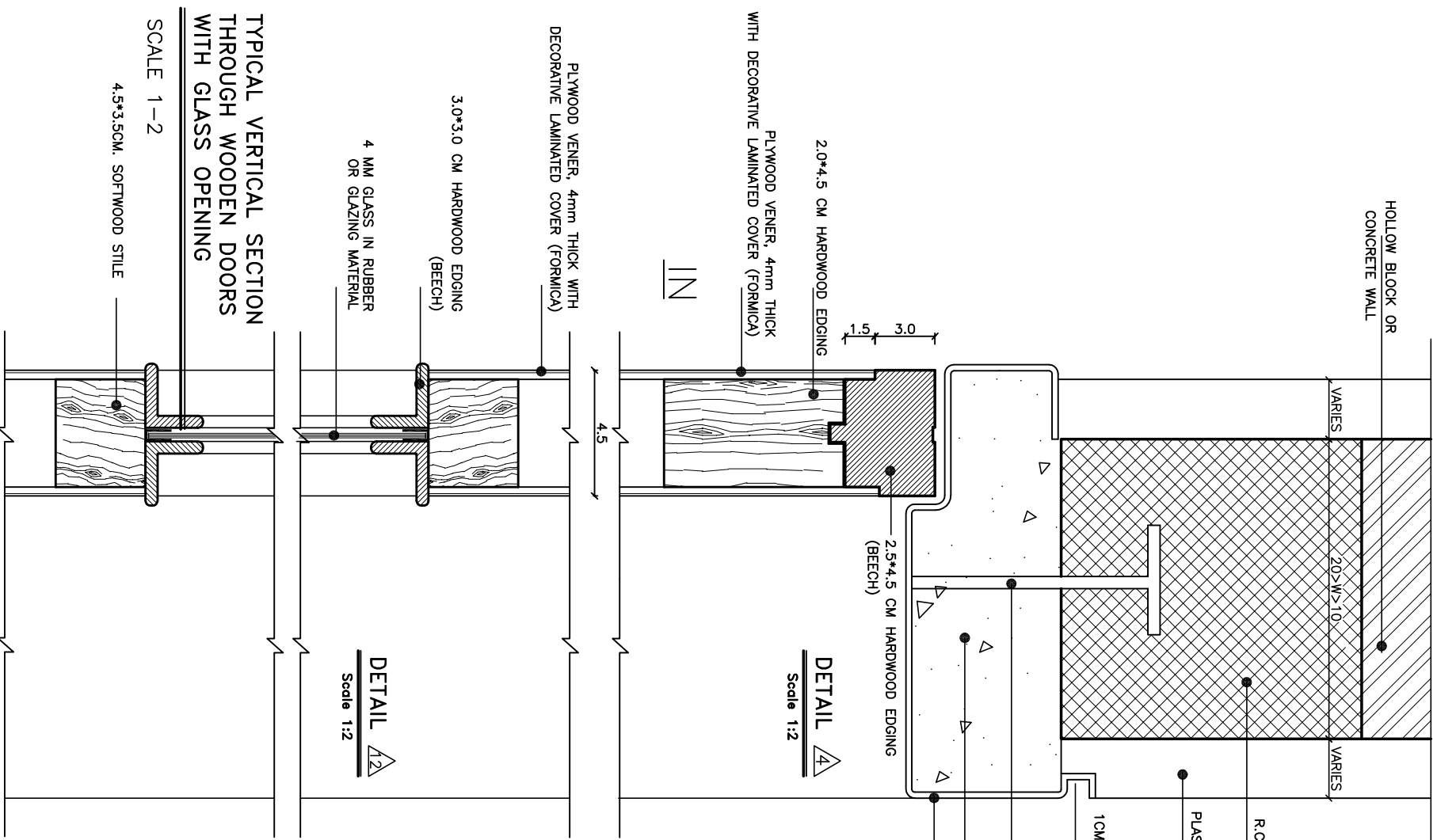
DRAWING TITLE

WOODEN DOORS

DETAILS "I"

DWG. NO.

AR06



TYPICAL HORIZONTAL SECTION
THROUGH WOODEN DOORS
DOUBLE LEAF
WITH GLASS OPENING

SCALE 1-2

SCALE 1-2

TYPICAL VERTICAL SECTION
THROUGH WOODEN DOORS
WITH GLASS OPENING

SCALE 1-2

4.5*3.5CM. SOFTWOOD STYLE

AL-QUDS UNIVERSITY

Rehabilitation and Furnishing

of Computer Labs

4			
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REV.	DATE	DESCRIPTION	BY

DESIGN: A.K.
CHECKED: A.K.
DATE: Sep 2016
SCALE: 1-2

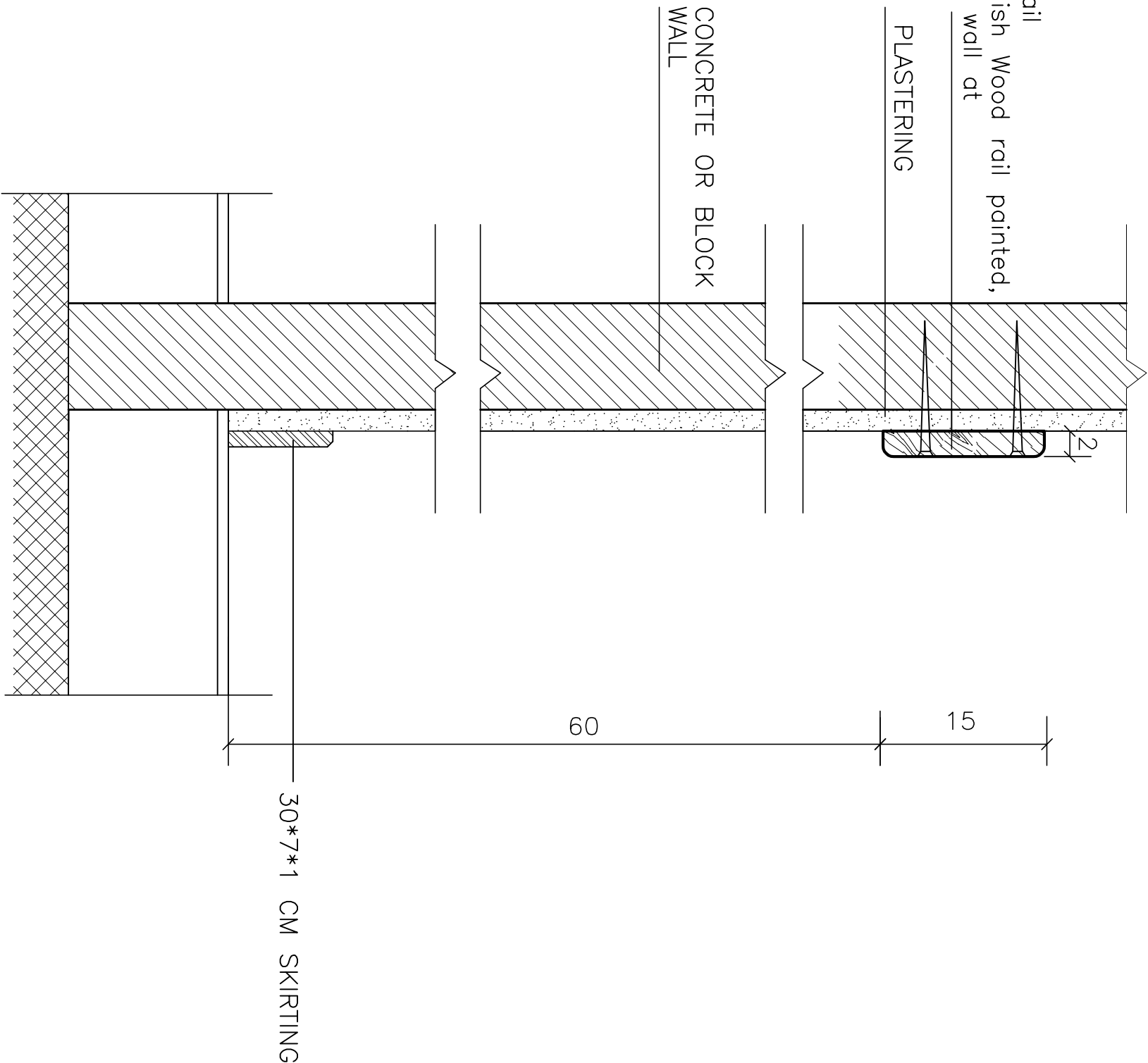
DRAWING TITLE

WOODEN DOORS DETAILS "II"

DWG. NO.

AR07

wooden belt rubbing rail
150X20mm Hard Swedish Wood rail painted,
plugged & screwed to wall at
50cm centers





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REV.	DATE	DESCRIPTION	BY

DESIGN: A.K.
CHECKED: A.K.
DATE: Sep 2016
SCALE: 1-2

DRAWING TITLE

Rubbing Rail
DETAILS

DWG. NO.

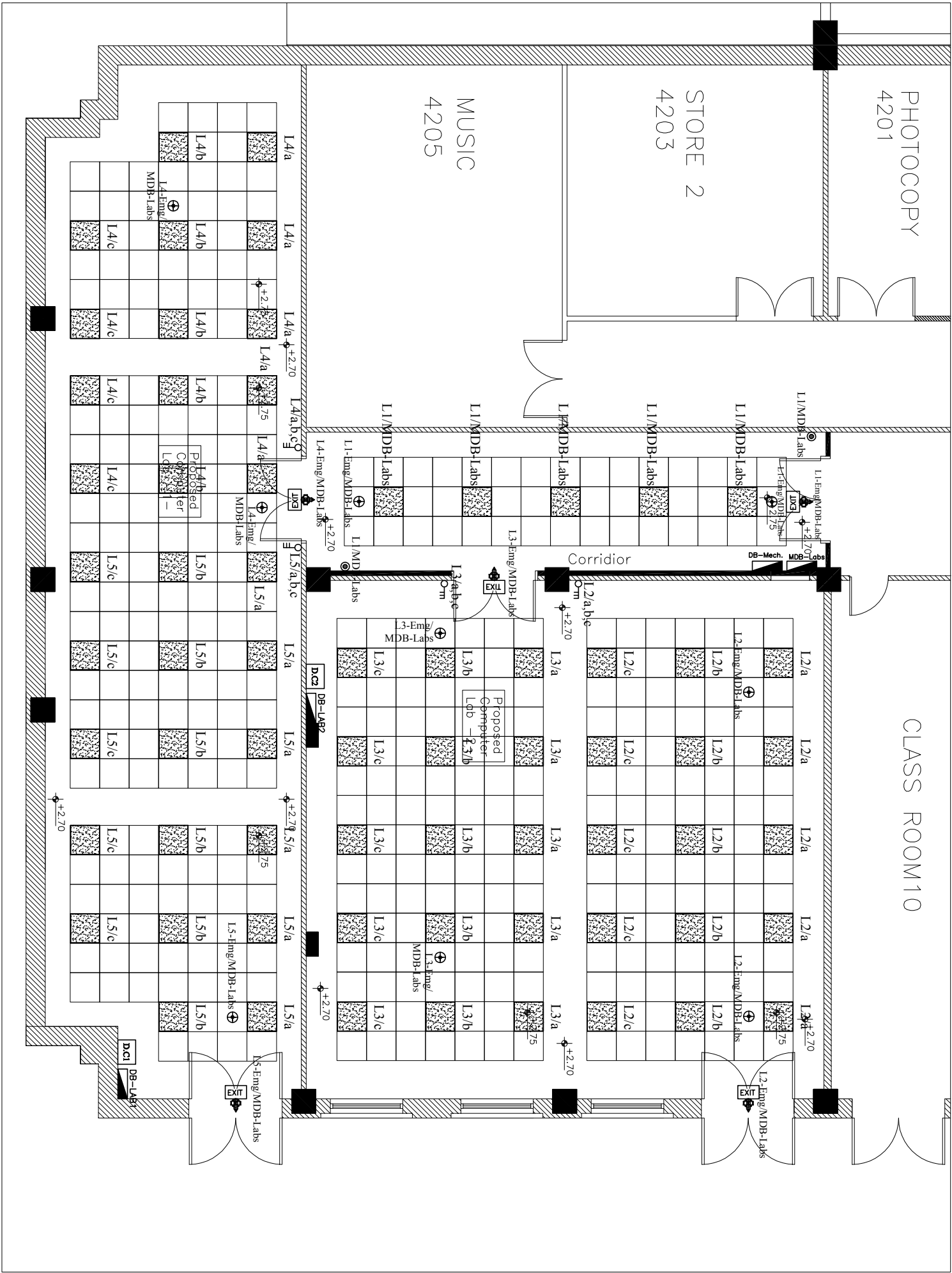
AR08

Electrical Legend

List Of Drawings

[illegible]

DRAWING NO.	DATE	DRAWN	DESIGNED	CHECKED	HANI JEL DIB	EEO	PROJECT	DRAWING TITLE	Electrical Legend & List Of Drawings	ELECTRICAL WORKS: MIDHAT ALSHARIF ELECTRICAL ENGINEER CONSULTING OFFICE	Designed By : Eng. Asaad Alsharif Eng. Midhat Alsharif Eng. Wafiq Alsharif Eng. Youssef Alsharif No. 29-30-31, 323 St. 4444
											MOHAMED KITHANI CAD MAY 2017 SCALE 1-100



NOTES

LEGEND

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PROJECT

AL-QUDS UNIVERSITY
Rehabilitation and
Furnishing of
Computer Labs

ELECTRICAL WORKS:
Hishat Al-Sharief
Electrical Engineer
CONSULTING OFFICE
Electrical Engineering
Department
Al-Quds University
P.O. Box 15011
Ramallah, West Bank
Palestine
Tel: +972 (0) 9 550 0000
Fax: +972 (0) 9 550 0001
Email: h.alsharief@alquds.edu.ps

DRAWING TITLE

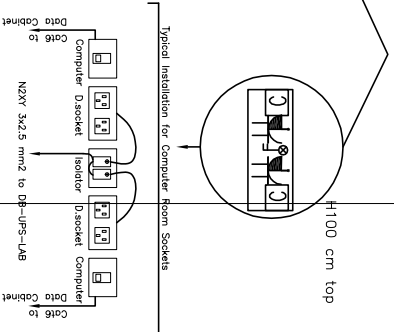
Lighting

PROJECT

DESIGNED	DRAWN	DATE	DRAWING NO.
AMAR KHALIL	AMAR KHALIL	MAY 2017	E01
CHECKED		SCALE	
1:100			

NOTES

LEGEND



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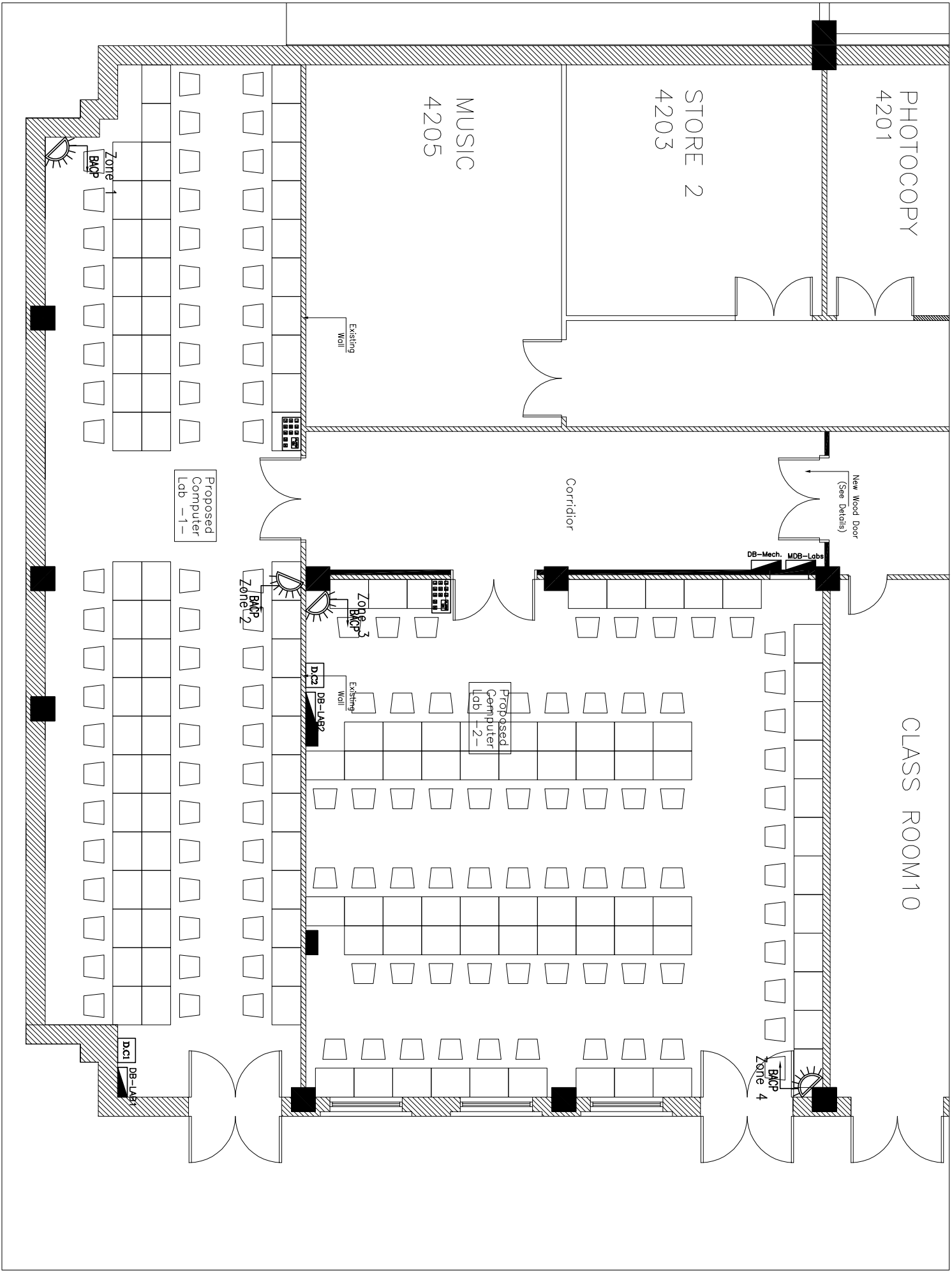
PROJECT

AL-QUDS UNIVERSITY
Rehabilitation and
Furnishing of
Computer Labs

ELECTRICAL WORKS: MIDHAT ALSHARIF ELECTRICAL ENGINEER CONSULTING OFFICE	Designed By : Eng. Abeer Alyaleen
	Approved: Eng. Midhat Alsharif Email: midhat@alsharif.com Jeddah, KSA Tel: 02-584-4636, 0597 633 466

Power+LV

DRAWING NO.		
DESIGNED	DRAWN	DATE
AMMAR KTAIFAN	CAD	May. 2017
CHECKED		SCALE
HANI ABU DIAB		1-100



NOTES

LEGEND

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No.	DATE	DESCRIPTION
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AL-QUDS UNIVERSITY
Rehabilitation and
Furnishing of
Computer Labs

ELECTRICAL WORKS:
 Prepared by: **HIDHAT AL-SHAHR**
 Electrical Engineer
 Consulting Office
 Approved by: **Eng. Khaled Al-Shahr**
 Eng. Khaled Al-Shahr
 Eng. Khaled Al-Shahr
 Eng. Khaled Al-Shahr
 Eng. Khaled Al-Shahr

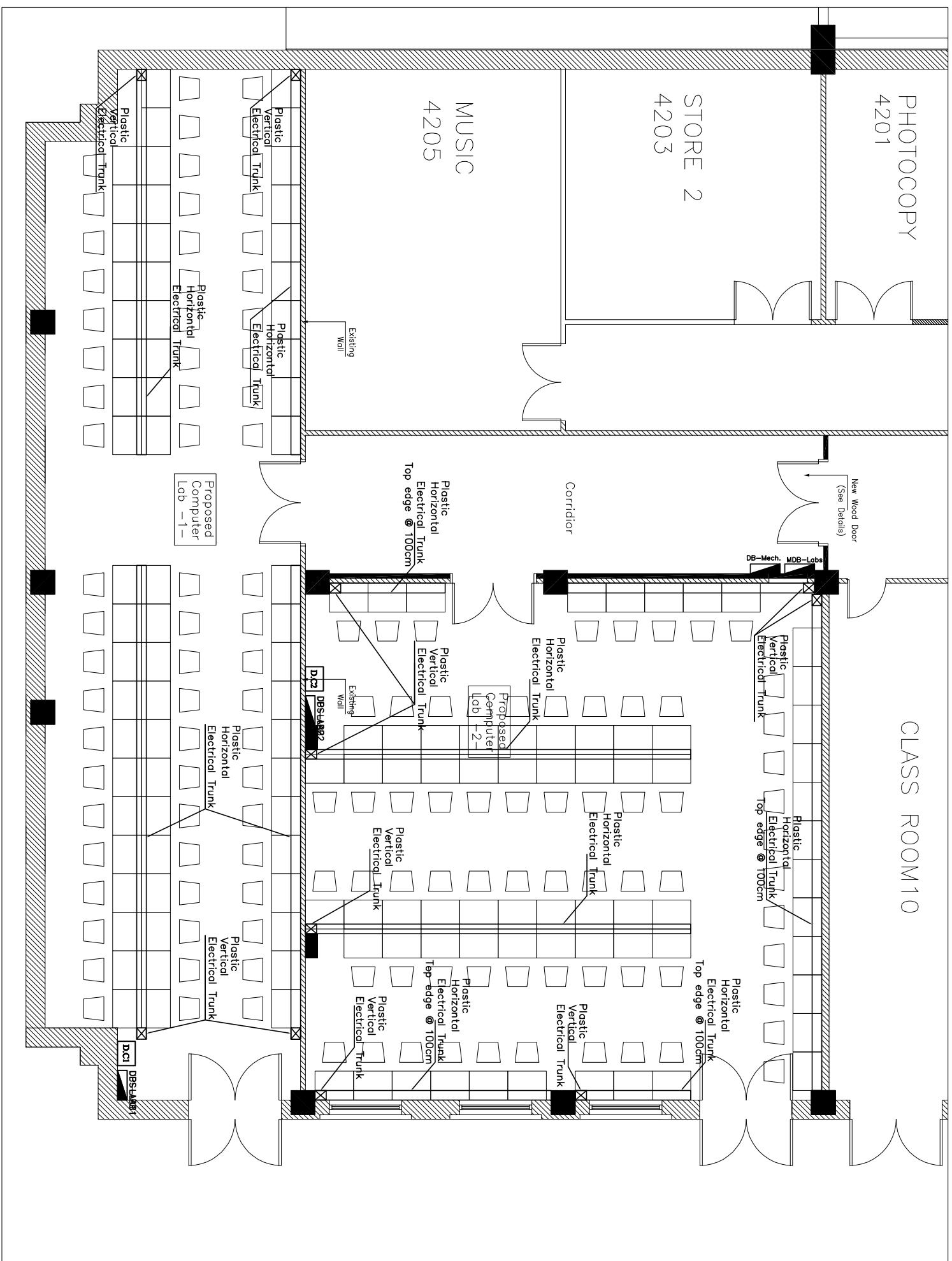
Intrusion System

DRAWING NO.

DESIGNED

CHECKED

E03



NOTES	
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DATE	DESCRIPTION

AL-QUDS UNIVERSITY
Rehabilitation and
Furnishing of
Computer Labs

Computer Labs

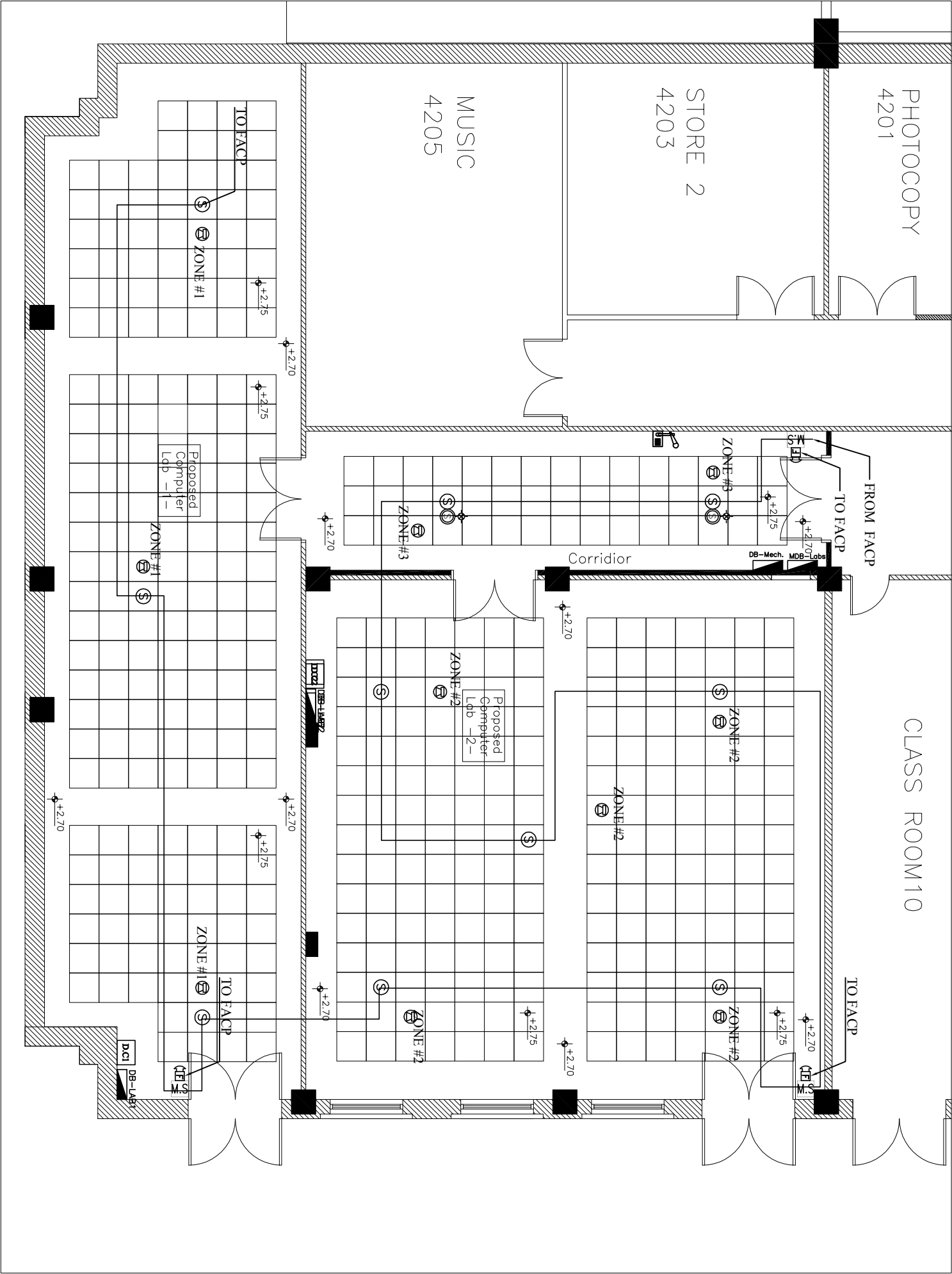
Computer Labs

ELECTRICAL WORKS: MIDHAT ALSHARIF ELECTRICAL ENGINEER CONSULTING OFFICE	Designed By : Eng. Abeer Alyoun Approved: Eng. Midhat Alsharif Email: midhat@ecocloud.com
	14, 05-28-453, 027 63 446 6th floor

DRAFTING TITLE

PVC Trunking

DESIGNED	DRAWN	DATE	DRAWING NO. E05
AAMAR KTAIFAN	CAD	May. 2017	
CHECKED		SCALE	
HANI ABU DHAB		1-100	



NOTES

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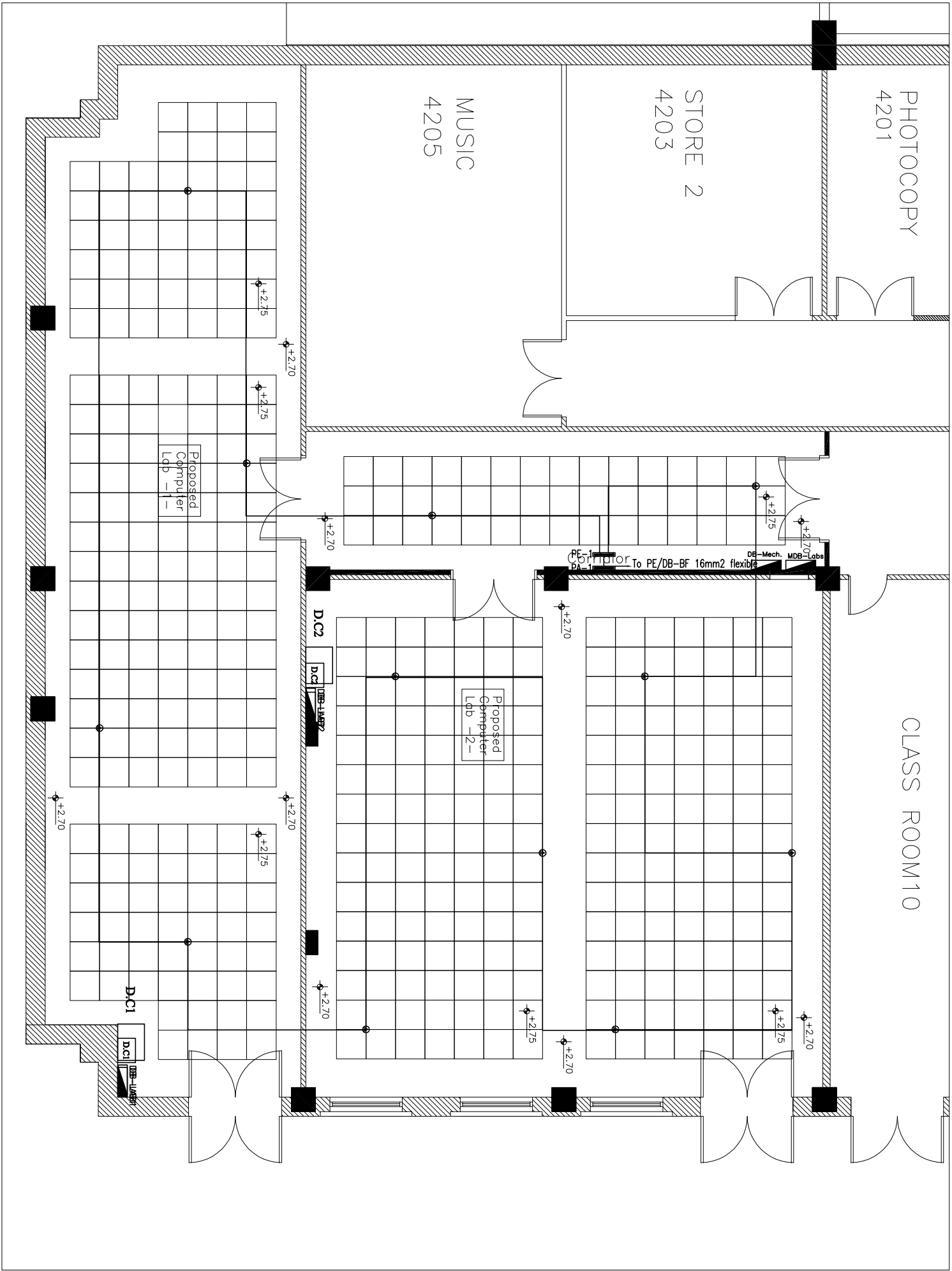
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BY	

AL-QUDS UNIVERSITY
Rehabilitation and
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Computer Labs

ELECTRICAL WORKS:	
DESIGNED BY	ENG. KHALED AL-SHAAR
CHECKED BY	ENG. KHALED AL-SHAAR
DATE	15-05-2017
PROJECT	

Fire alarm+Sound

DESIGNED	DATE	DRAWING NO.
AMMAR KHAIRI	MAY, 2017	E07
CHECKED	SCALE	
1-100		



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AL-QUDS UNIVERSITY
Rehabilitation and
Furnishing of
Computer Labs

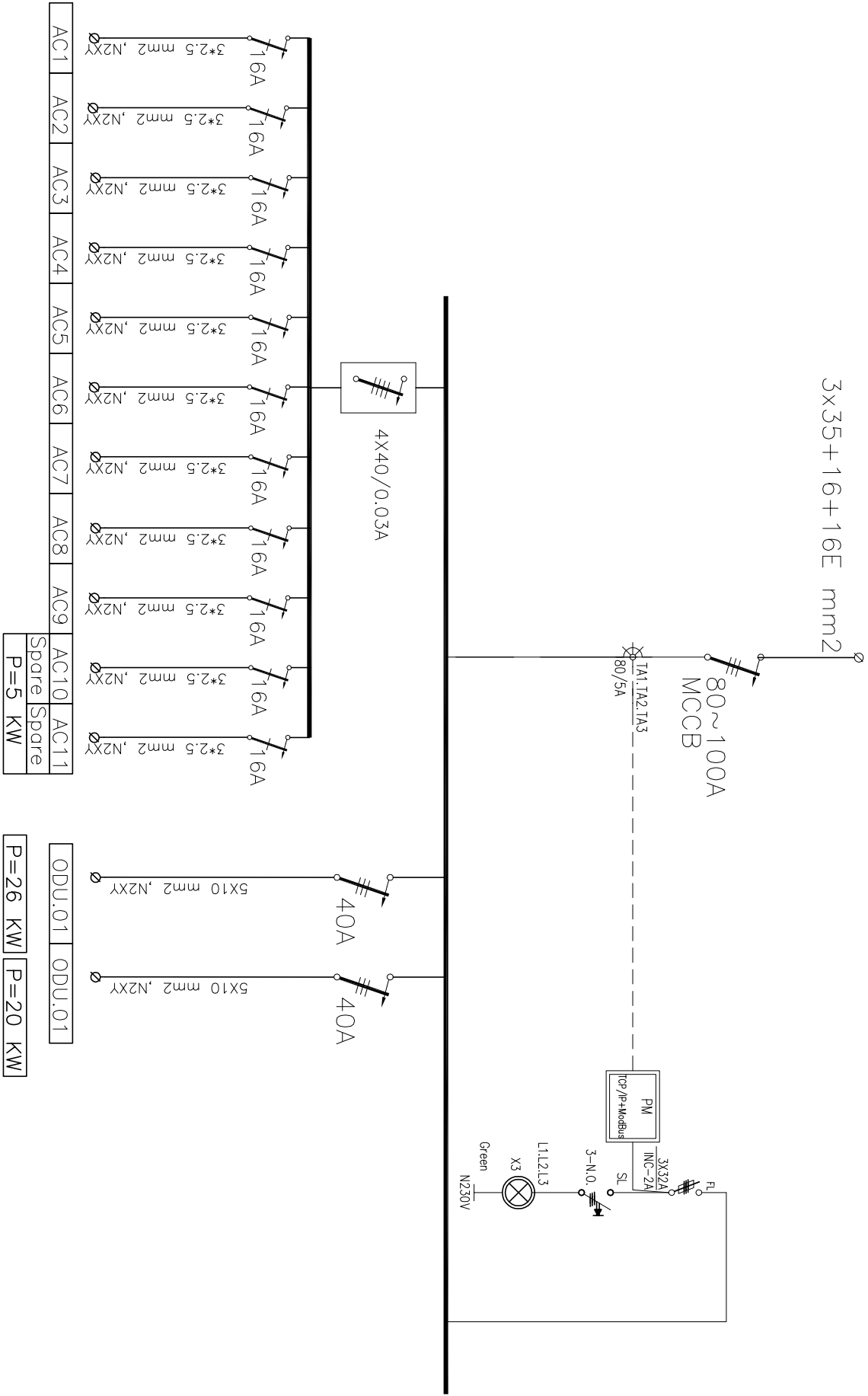
ELECTRICAL WORKS:
Designed by: Eng. Ahmad Al-Shahr
Checked by: Eng. Ahmad Al-Shahr
Electrical Engineer
CONSULTING OFFICE
10-20-2017, 09/05/2017, 09/05/2017

Grounding

DESIGNED	DRAWN	DATE	DRAWING NO.
AMMAR KHAJAN QAO		MAY, 2017	E08
CHECKED		SCALE	
HAJI ABU DHAB		1-100	

DB—Mech.
LOAD=51KW

Fed from Faculty MDB
From Non Essential Power



NOTES

LEGEND

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No.	DATE DESCRIPTION BY

PROJECT

AL-QUDS UNIVERSITY
Rehabilitation and
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Computer Labs

ELECTRICAL WORKS:	
DESIGNED BY HIDHAT AL-SHAER ELECTRICAL ENGINEER CONSULTING OFFICE	ENGINEERED BY Engr. Khaled Al-Jalal Approved: Engr. Al-Shaer Date: 2017/05/07 Scale: 1:100

DRAWING TITLE

DB-Mech.

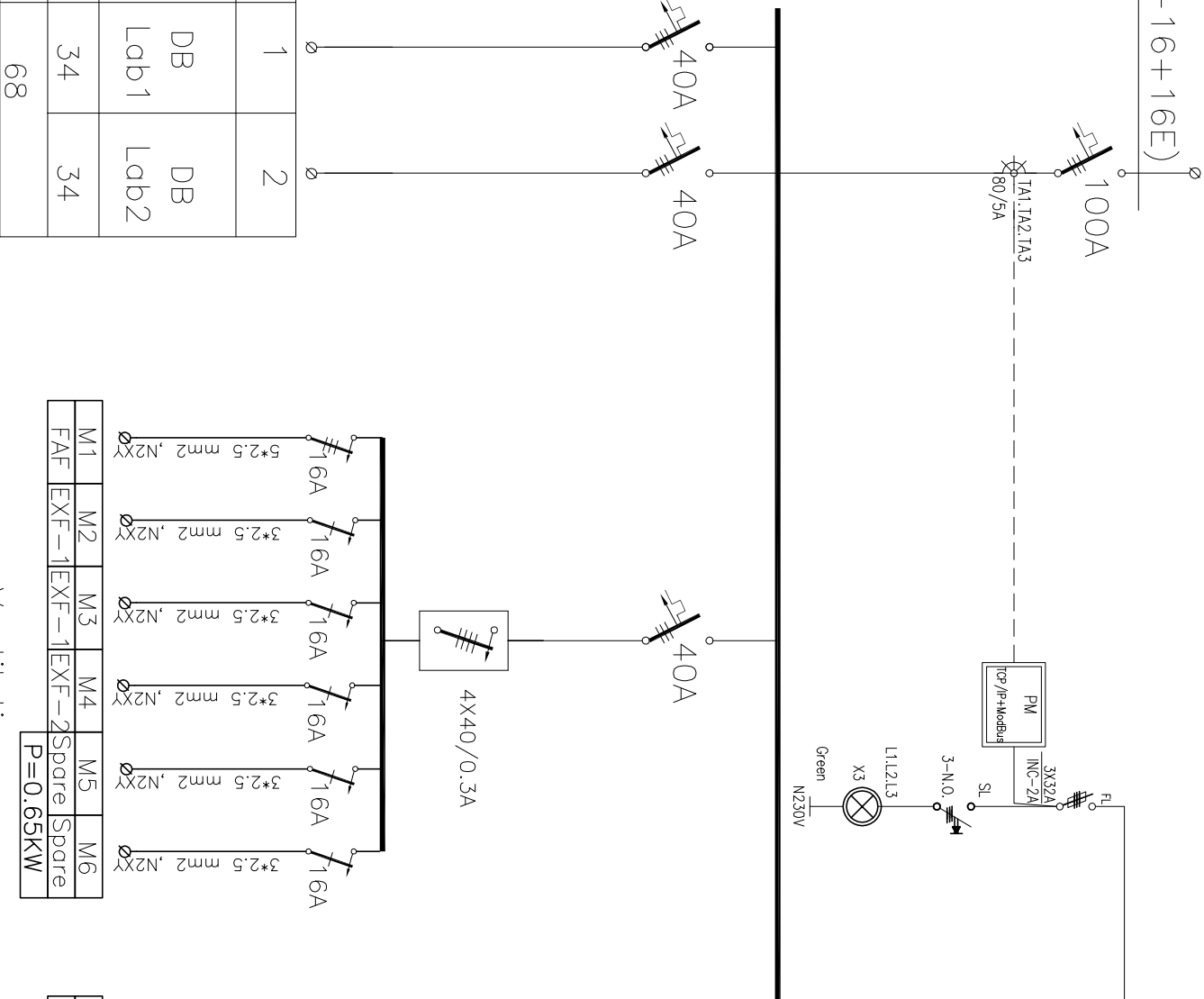
PROJECT

DESIGNED	DRAWN	DATE	DRAWING NO.
AMMAR KHAJAN QAO		May, 2017	E10
CHECKED		SCALE	
HANI ABU DHAB		1-100	

MDB-Labs

LOAD=72KW

Fed from Faculty MDB
From Essential Supply

$$N2XY \quad (3X35+16+16E) \quad | \quad \emptyset$$


CIRCUIT NO.	1	2
TARGET CIRCUIT	DB Lab1	DB Lab2
LOAD (kW)	34	34
POWER (kW)	68	

M1	M2	M3	M4	M5	M6
FAF	EXF-1	EXF-1	EXF-2	Spare	Spare
P=0.65kW					

Ventilation

L1	Light	10 A
L2	Light	10 A
L3	Light	10 A
L4	Light	10 A
L5	Light	10 A
L6	Light	10 A

P=4 kW

Lighting

NOTES

LEGEND

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NO.	DATE DESCRIPTION

AL-QUDS UNIVERSITY
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Computer Labs

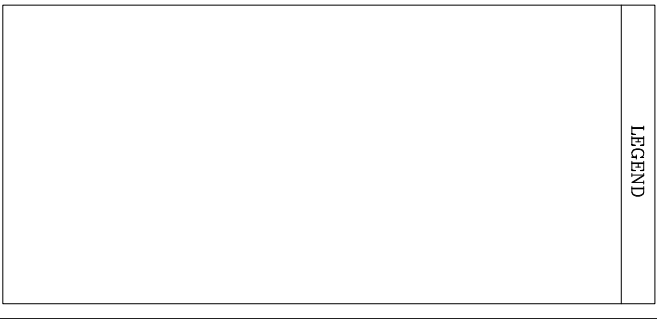
DRAWING TITLE	ELECTRICAL WORKS: MIDHAT ALSHARIF ELECTRICAL ENGINEER CONSULTING OFFICE	Designed By : Eng. Abeer Afoloun Approved: Eng. Midhat Alsharif Inch: mshah@mc.com Jordan, 961 7671111 Fax: 961-884-4063 (057) 633 464
	PROJ. NO.	

MDB-Labs

PROJEC

DESIGNED	DRAWN	DATE	DRAWING 1
AMMAR KTAIFAN	CAD	May, 2017	
CHECKED		SCALE	
HANI ABU DHAB		1-100	

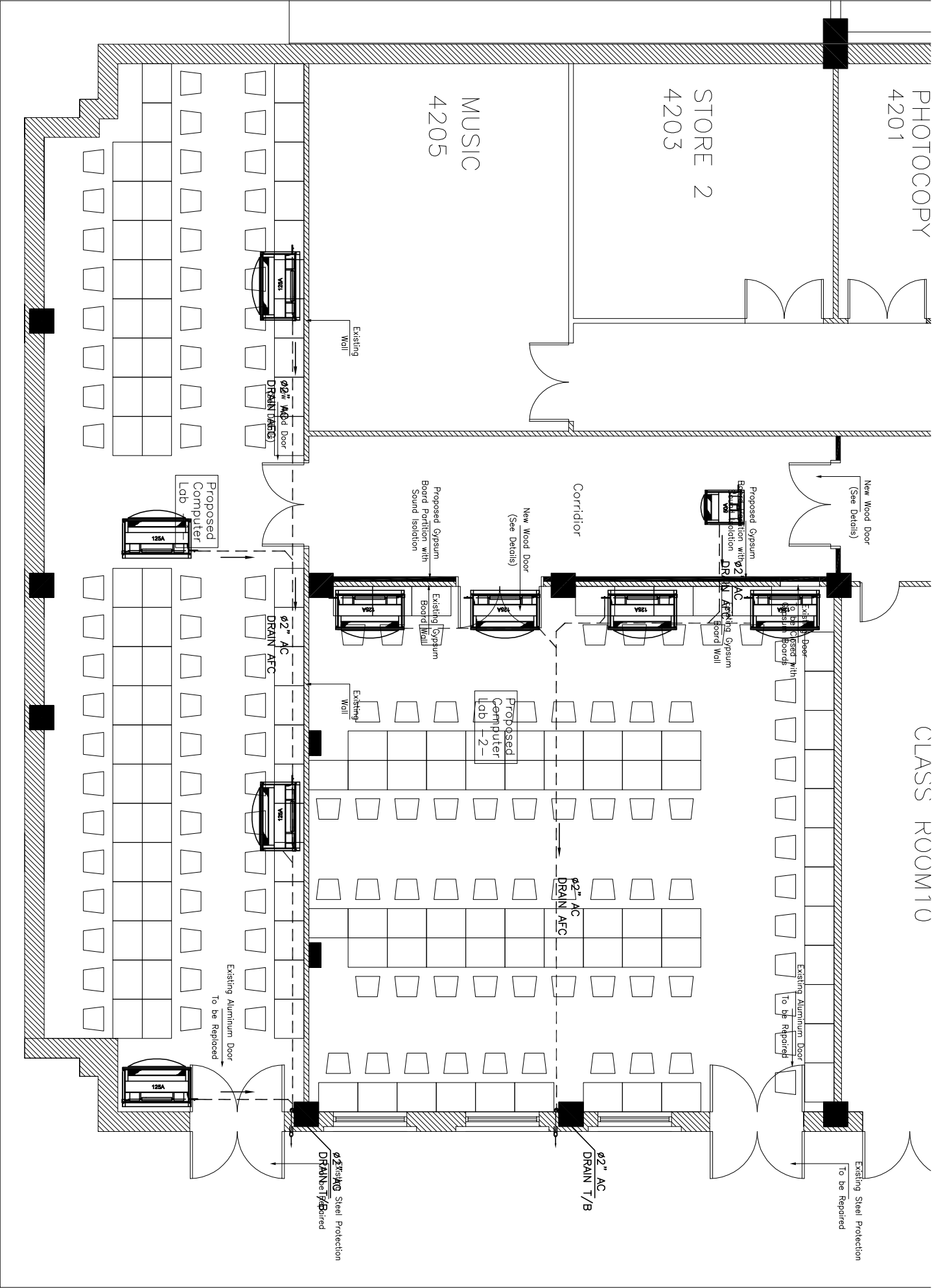
NOTES



AL-QUDS UNIVERSITY
Rehabilitation and
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Computer Labs

PROFESSIONAL DATA CABINETS

DESIGNED	DRAWN	DATE	DRAWING NO. E12
AMMAR KIRFAN	CAD	May, 2017	
CHECKED		SCALE	
HANI ABU DHAB		1-100	



LEGEND

R	REV.	BY	DATE	DESCRIPTION

elite
Mechanical & Electrical Consultants
إليت - مستشارون ميكانيك وكهرباء

RAMALLAH, P.O.BOX 2448
ALBALOQA - ALSODAN ST.
ALNAJMA(3) BUILDING
TELEFAX: +972 2 2429914
EMAIL: elite@elite.ps

AL-QUDS UNIVERSITY
Rehabilitation and
Furnishing of
Computer Labs

DRAWING TITLE:
BASEMENT1 FLOOR
AC DRAIN PLAN

DESIGN:A.ZAHRAN	DATE:
DRAWN:A.ZAHRAN	May 2017
CHECKED:A.KHAFAJAH	
APPROVED :	SCALE:
	1/100

SHEET NO:
M401

LEGEND

INDOOR UNITS SCHEDULE

INDOOR UNITS SCHEDULE									
INDOOR UNIT#	TYPE	AIR FLOW (L/S)	COOLING CAPACITY		HEATING CAPACITY	MCA (A)	FRESH AIR (L/S)	QTY	
			TOTAL (KW)	SENSIBLE (KW)	TOTAL(KW)				
BASEMENT FLOOR (ODU-01)									
INDB-01	CEILING MOUNTED	600	11.1	8.6		4.6	2.4	100	4
INDB-02	CEILING MOUNTED	600	10.5	8.1		4.8	2.4	100	4
INDB-03	CEILING MOUNTED	253	3.8	3.2		3.2	1.1	15	1
		SUM (KW) TR	90.2 25.8			40.8			

VRV OUTDOOR UNIT

VRV OUTDOOR UNIT				
REFERENCE No.	ODU-01			
LOCATION	BASEMENT1			
COOLING CAPACITY(KW)	90 (36HP)			
COMPRESSOR TYPE	HERMETICALLY SEALED SCROLL COMPRESSOR			
REFRIGERANT	R-410A			
PIPING CONNECTION	LIQUID	TYPE	BRAZE CONNECTION	
		DIAMETER(OD)(MM)	19.1	
	GAS	TYPE	BRAZE CONNECTION	
		DIAMETER(OD)(MM)	41.3	
SELECTION AMBIENT TEMP. (°C)	MINIMUM(CDB)	+4		
	MAXIMUM(CDB)	+37		
POWER SUPPLY	380/3/50			
MIN. CIRCUIT AMPERES(MCA)	39 + 31 = 70A			
QTY.	1			
APPROXIMATE DIMENSIONS (WxHxD)	1240x1680x765 (mm) 1240x1680x765 (mm)			
WEIGHT (KG)	314+305=619 KG			

FANS SCHEDULE

FAN LABEL	TYPE	APPLICATION	FLOW (L/S)	HEAD (PA)	MOTOR DATA					QNT.
					RPM	KW	VOLTS	Ø	HZ	
FAF-1	INLINE AXIAL FAN	FRESH AIR	815	125	1400	0.35	380	3	50	1
EXF-1	AXIAL FAN	VENTILATION	200	-	1300	0.10	220	1	50	2
EXF-2	AXIAL FAN	VENTILATION	400	-	1300	0.10	220	1	50	1

R	REV.	BY	DATE	DESCRIPTION



Mechanical & Electrical Consultants

إليت - مستشارون ميكانيك وكهرباء

RAMALLAH, P.O.BOX 2448
ALBALOQA', -ALSODAN, ST.
ALNABMA(S) BUILDING
TELEFAX: +972 2 2429914
EMAIL: elite@elite.ps

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Computer Labs

DRAWING TITLE:
SCHEDULE OF
EQUIPMENTS

DESIGN:A.ZAHRAN	DATE:
DRAWN:A.ZAHRAN	May 2017
CHECKED:A.KHAFAJAH	

APPROVED :	SCALE:
	N.T.S.

SHEET NO:

M600