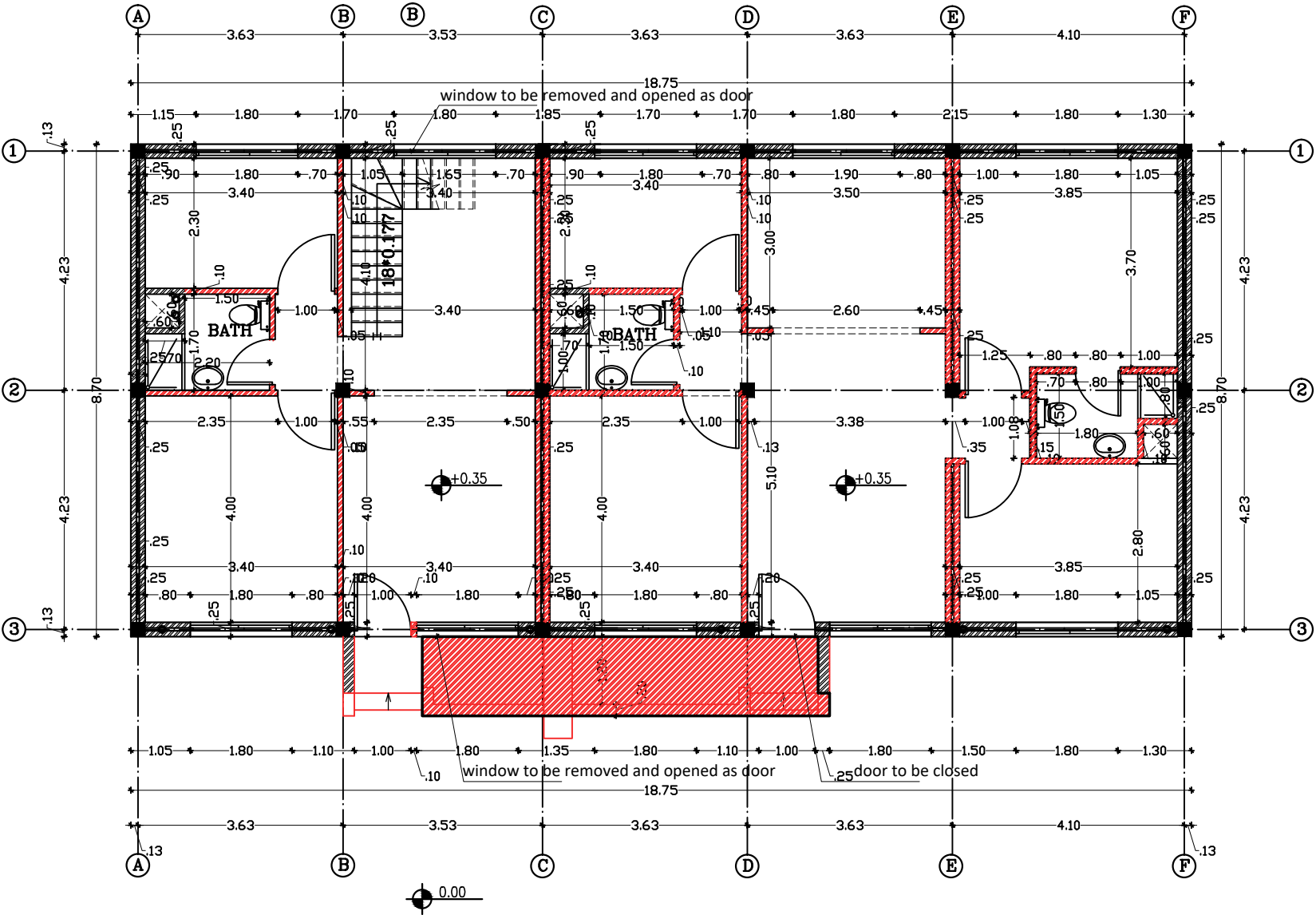




Heart of Amman project

# Ras Alain social incubation offices

Walls to be demolished



GROUND FLOOR PLAN

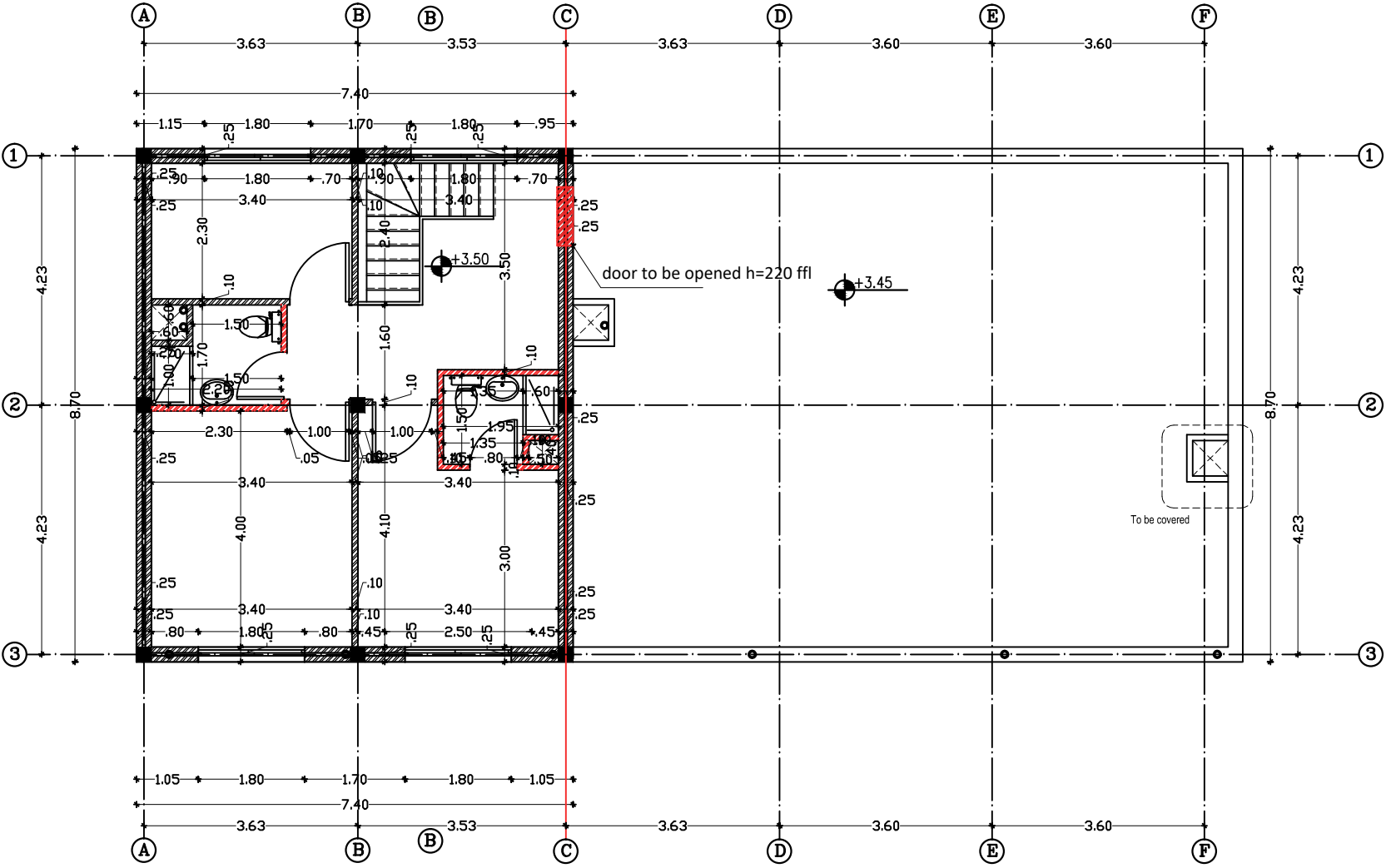


Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
Ground floor demolition  
plan

Walls to be demolished



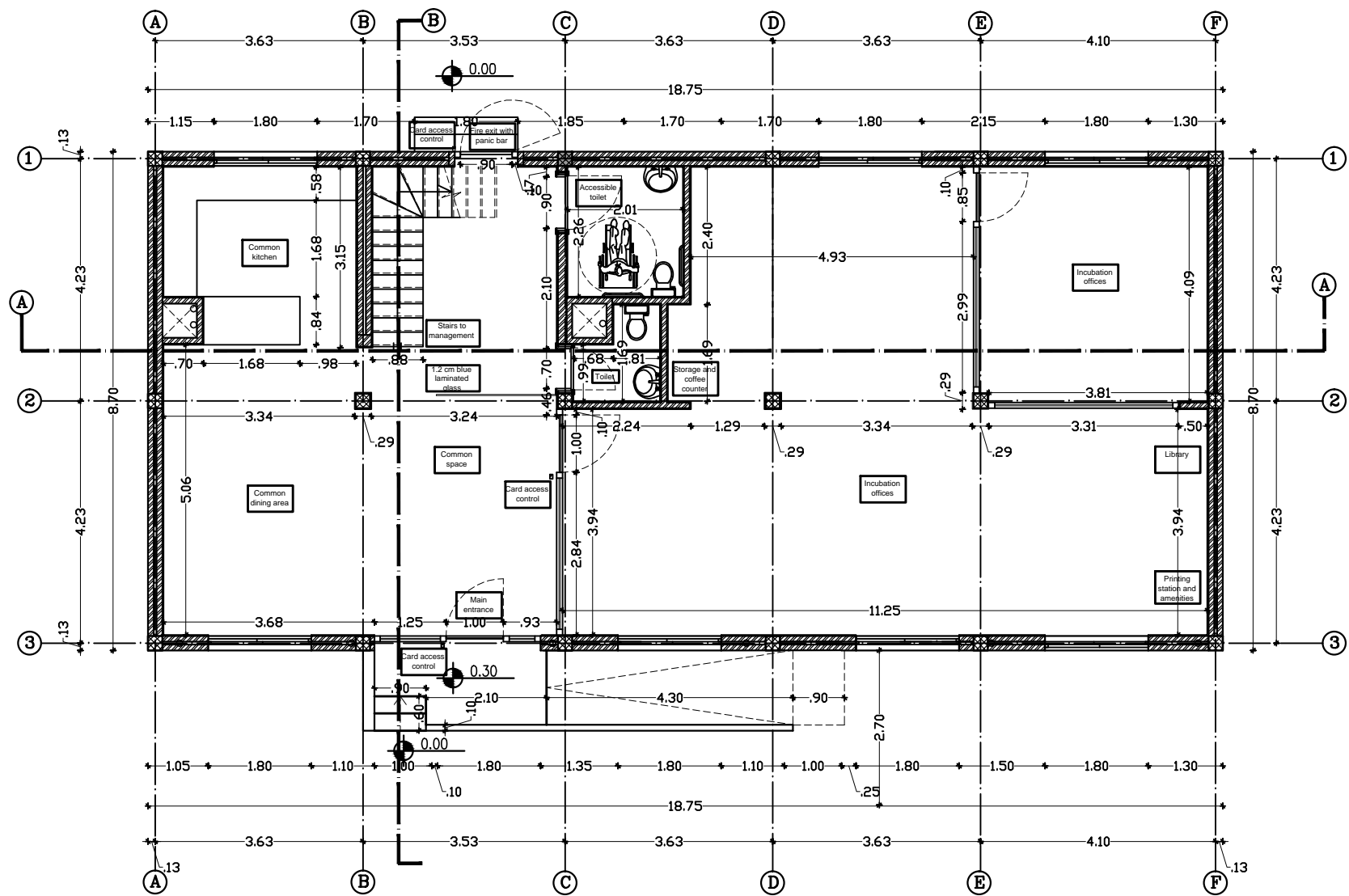
FIRST FLOOR PLAN



Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
First floor demolition  
plan



GROUND FLOOR PLAN

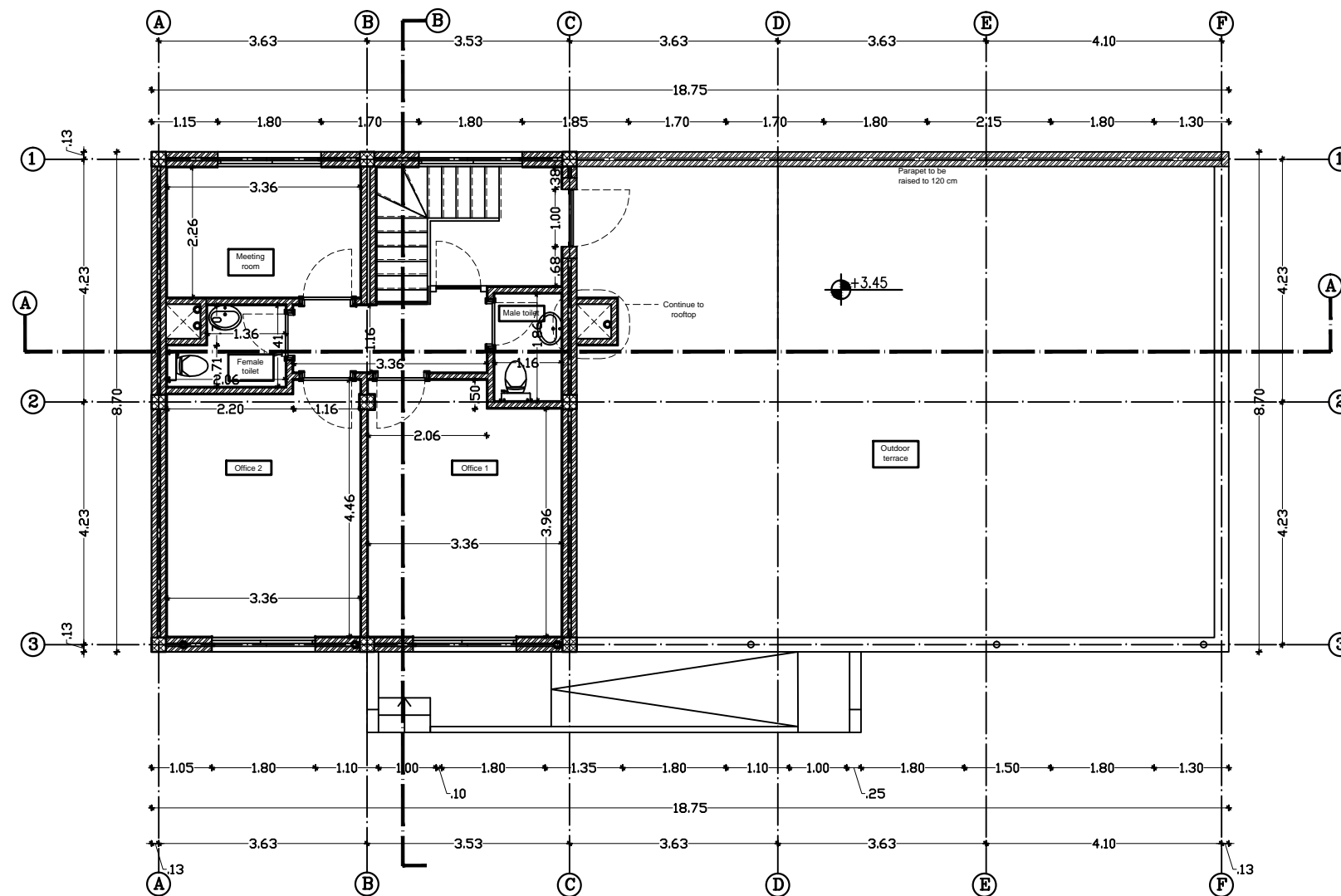


Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

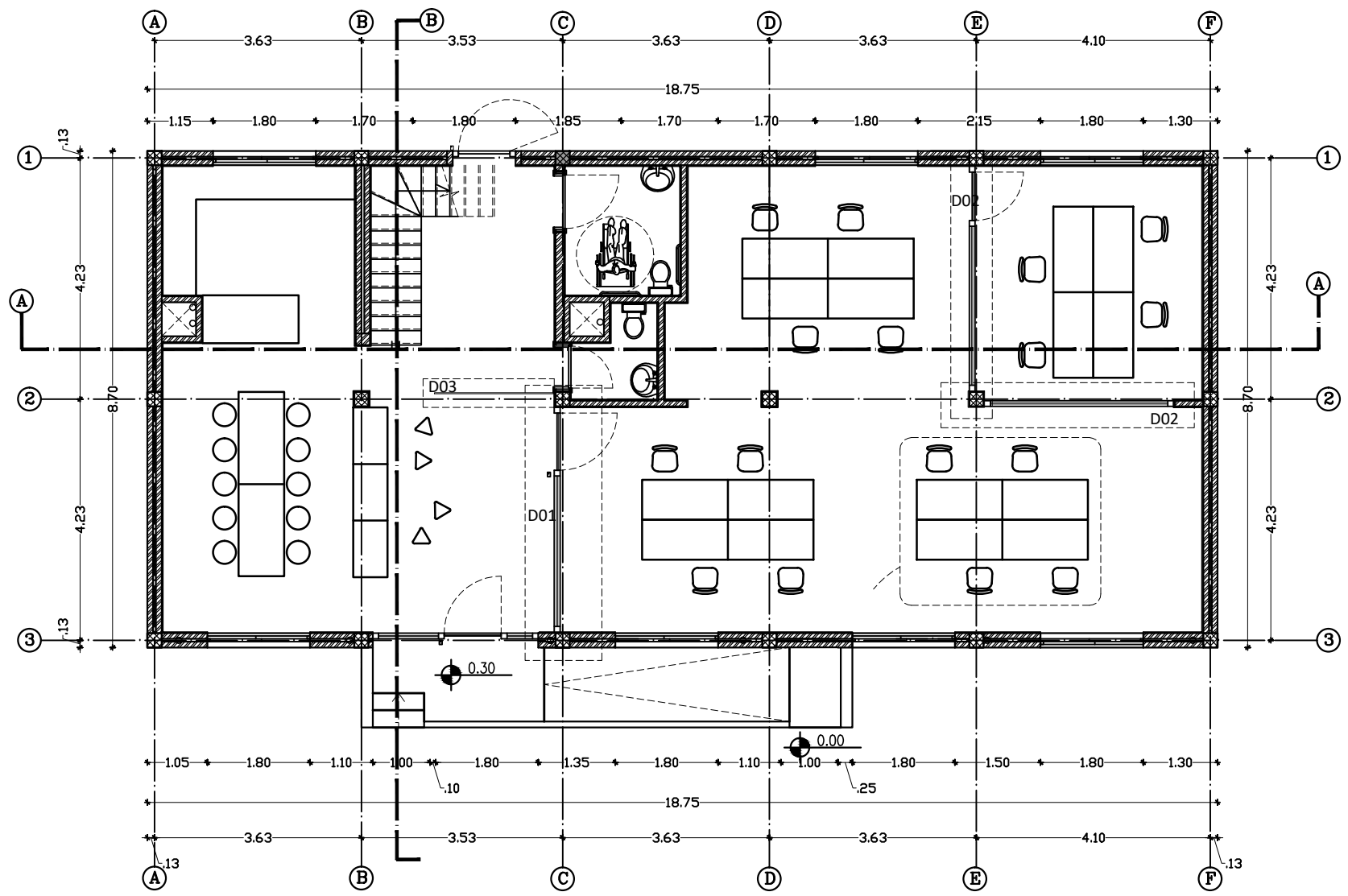
Plot umber 364  
Drawing title:  
**Ground floor partition  
plan**

Plot umber 364
Drawing title: First floor partition plan

Scale: 1/100	Sheet No.	A -0 0 4
Date: 8/2015		



FIRST FLOOR PLAN

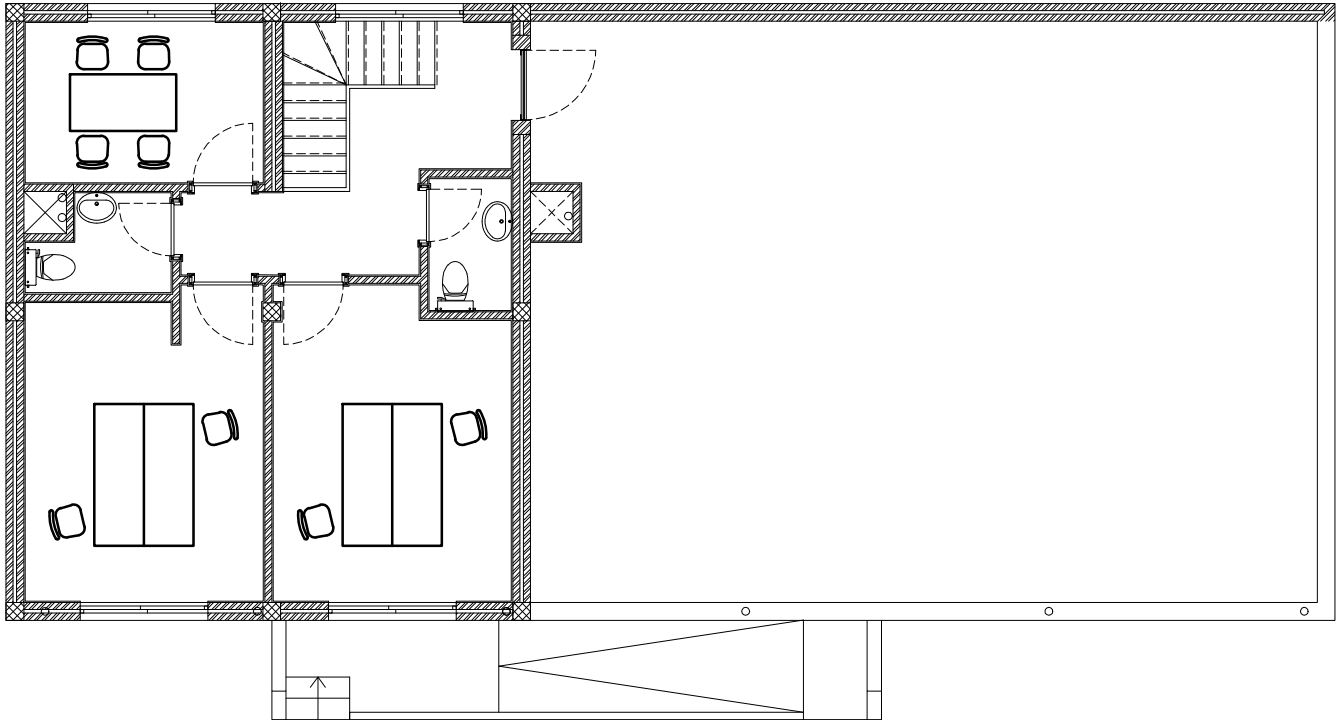


GROUND FLOOR PLAN



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364  
Drawing title:  
**Ground floor furniture  
and annotation plan**



FIRST FLOOR PLAN



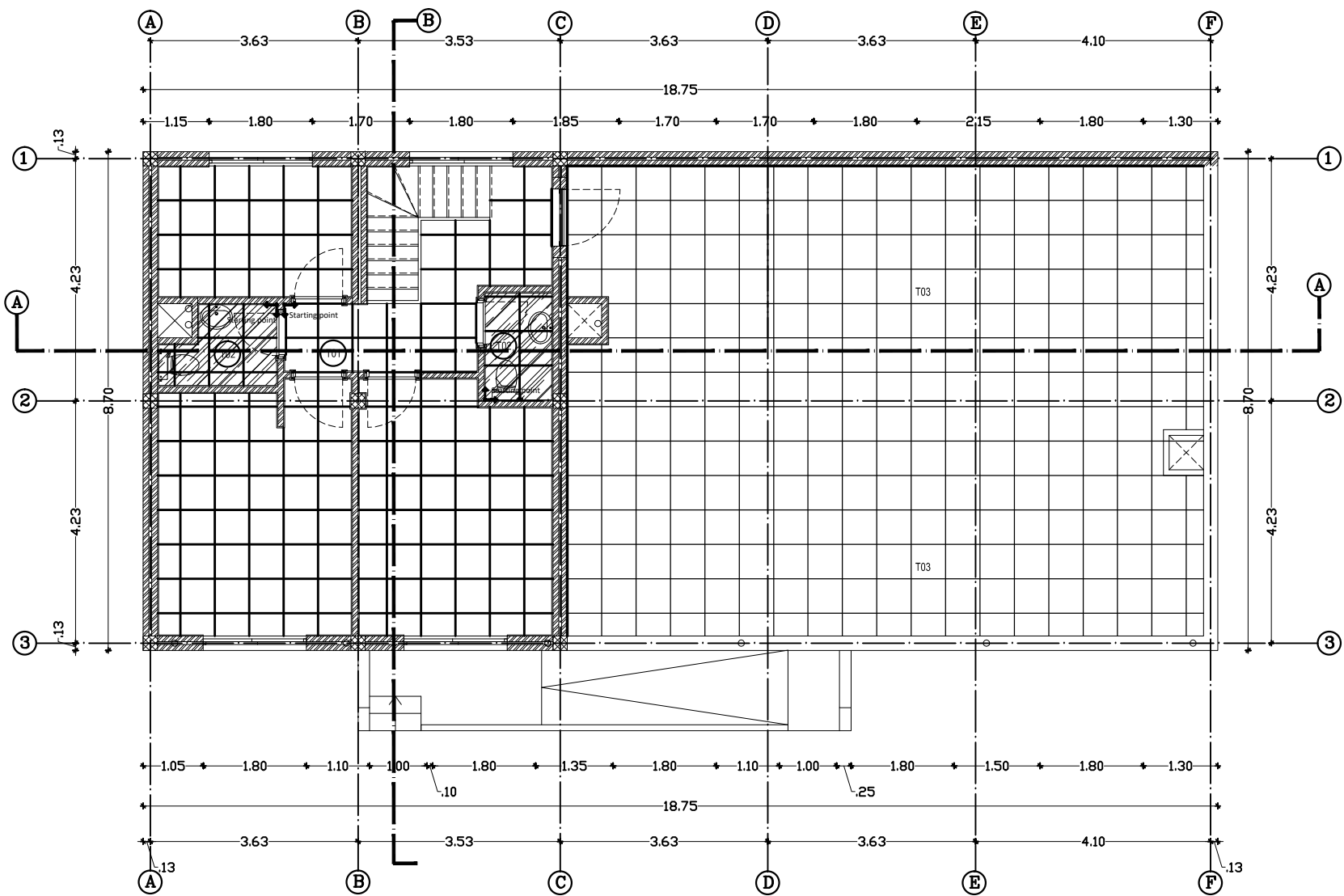
Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
First floor furniture and  
annotation plan

Reference	Floor	Skirting	Walls
T01	60x60 porcelain tile, grey, matte	8cm porcelain tile, grey, matte	2 cm cement mortar with natural white paint
T02	60x30 porcelain tile, grey, matte	-	60 x 30 grey porcelain
T03	60x60 porcelain tile, grey, matte	8cm porcelain tile, grey, matte	

LEGEND & NOTES



FIRST FLOOR PLAN







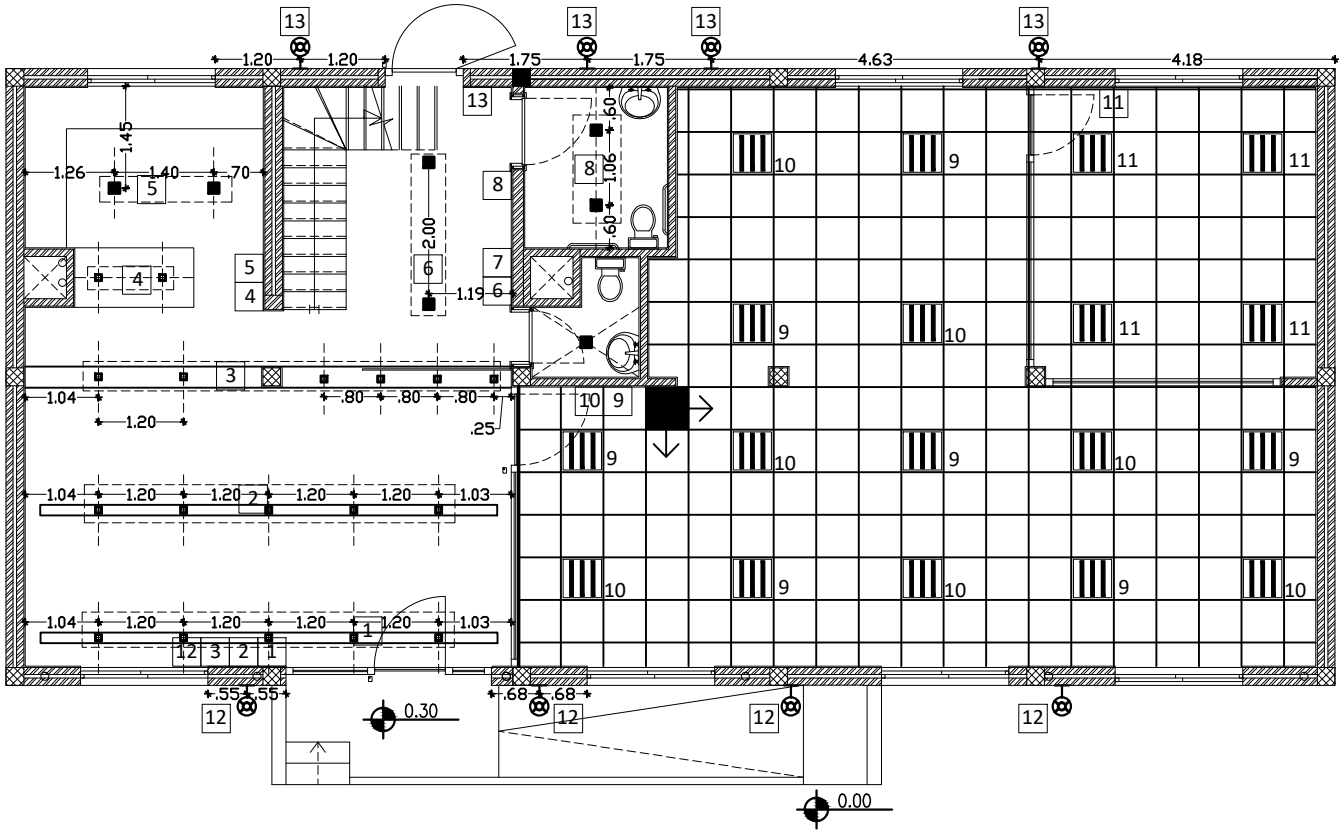
Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
Ground floor tiling layout



Reference	Description
	60cm x 60cm (18 w) european led light
	12 cm x12 cm (14 w) european led light
	10 cm x10 cm (7 w) white trimless led spot light
	Outdoor wall mounted led light. Height = +1.20 m



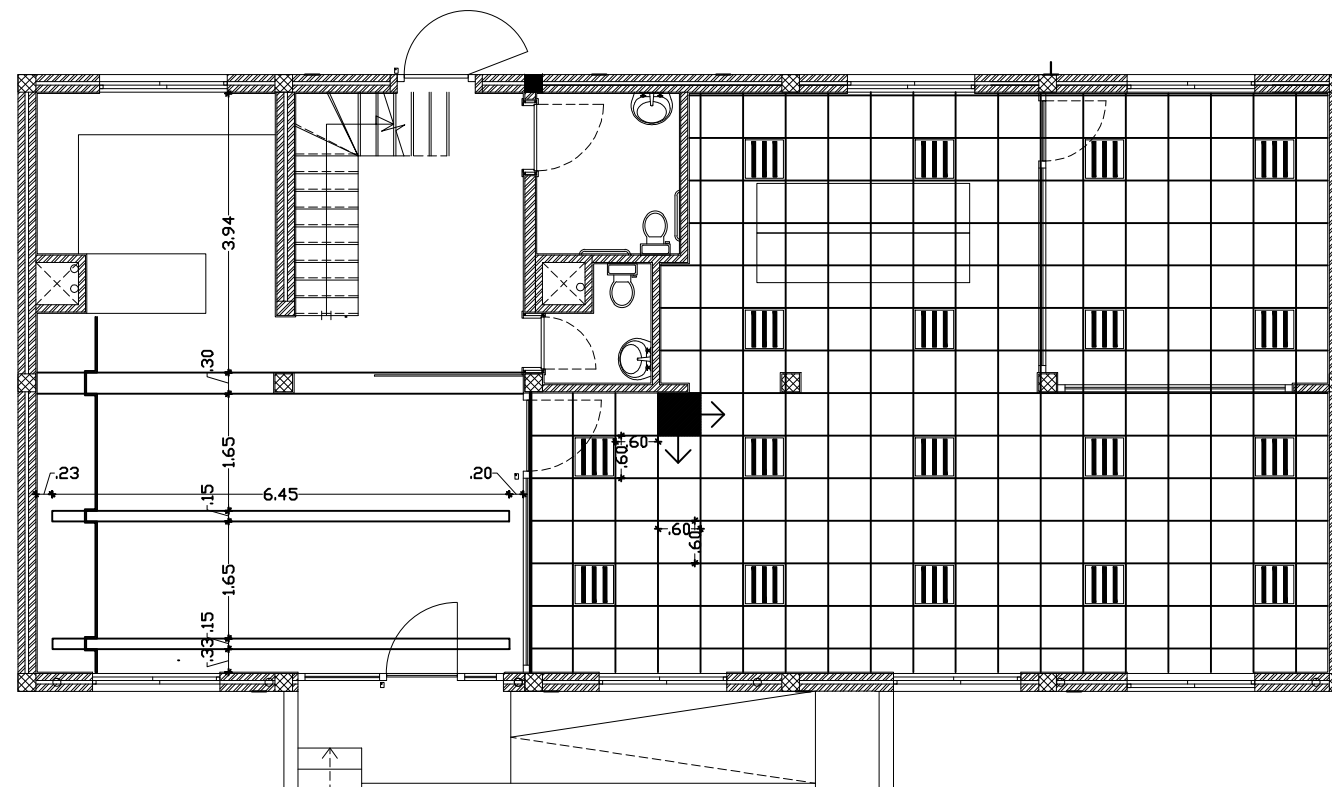
GROUND FLOOR PLAN



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:  
**Ground floor lighting  
plan**



## GROUND FLOOR PLAN

Project Name :



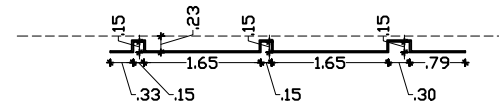
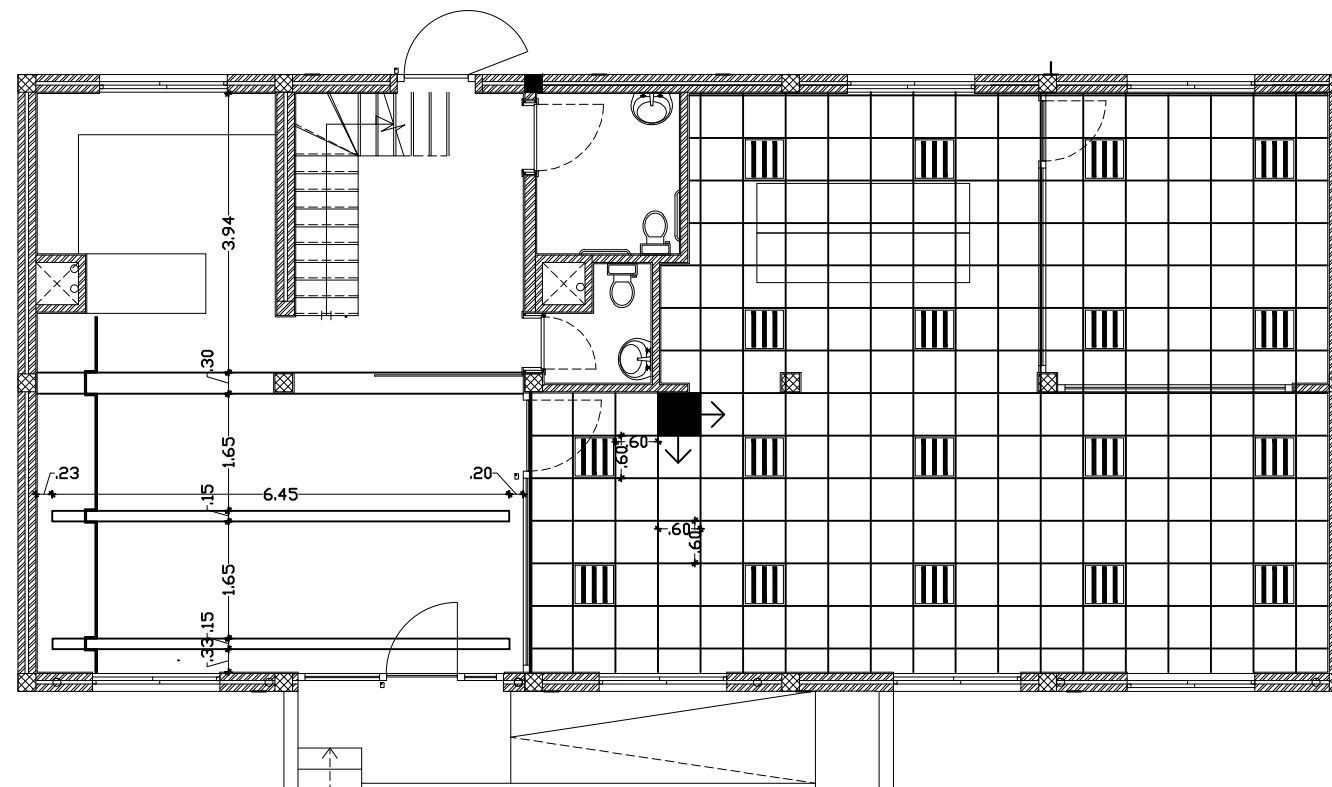
Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:

Ground floor reflected ceiling plan

Scale: 1/100	Sheet No.	A -0 10
Date: 8/2015		



Project Name :

## GROUND FLOOR PLAN



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**





Plot umber 364

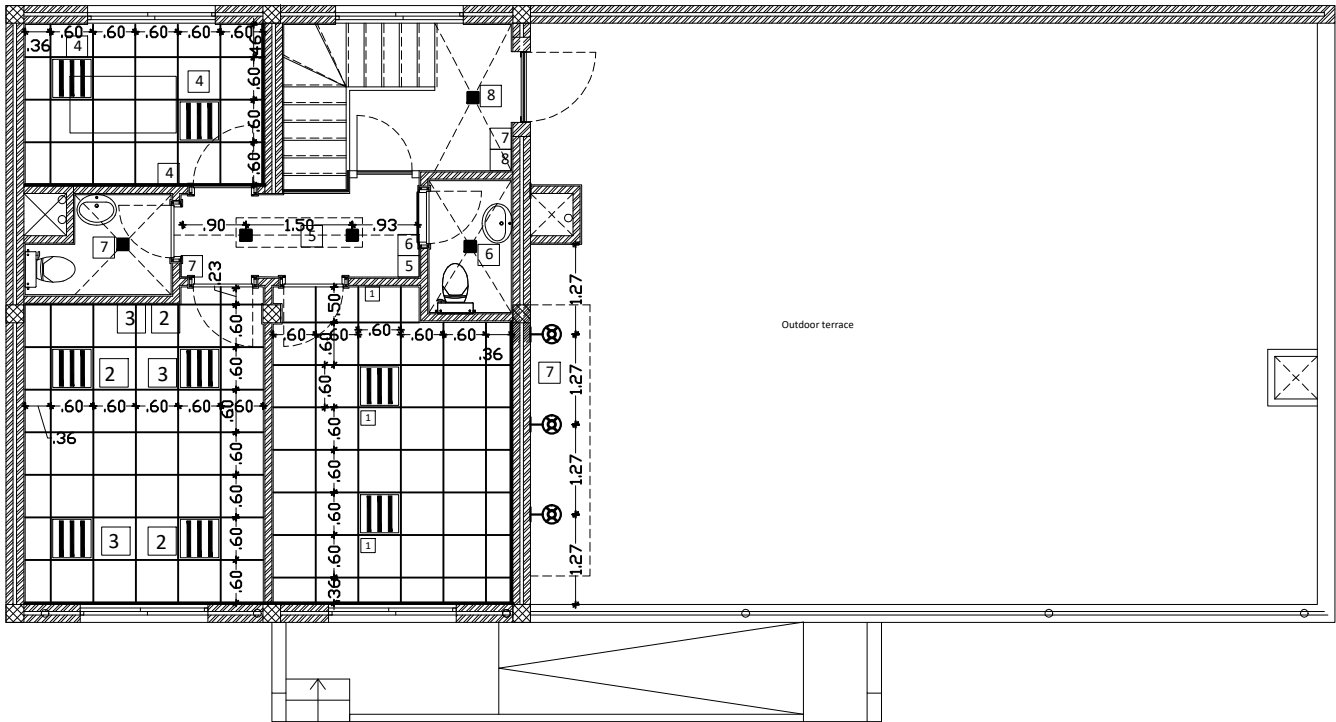
Drawing title:

Ground floor reflected ceiling plan

Scale: 1/100	Sheet No.	A -0 10
Date: 8/2015		

LEGEND & NOTES

Reference	Description
	60cm x 60cm (18 w) european led light
	12 cm x12 cm (14 w) european led light
	10 cm x10 cm (7 w) white trimless led spot light
	Outdoor wall mounted led light. Height = +1.20 m









FIRST FLOOR PLAN



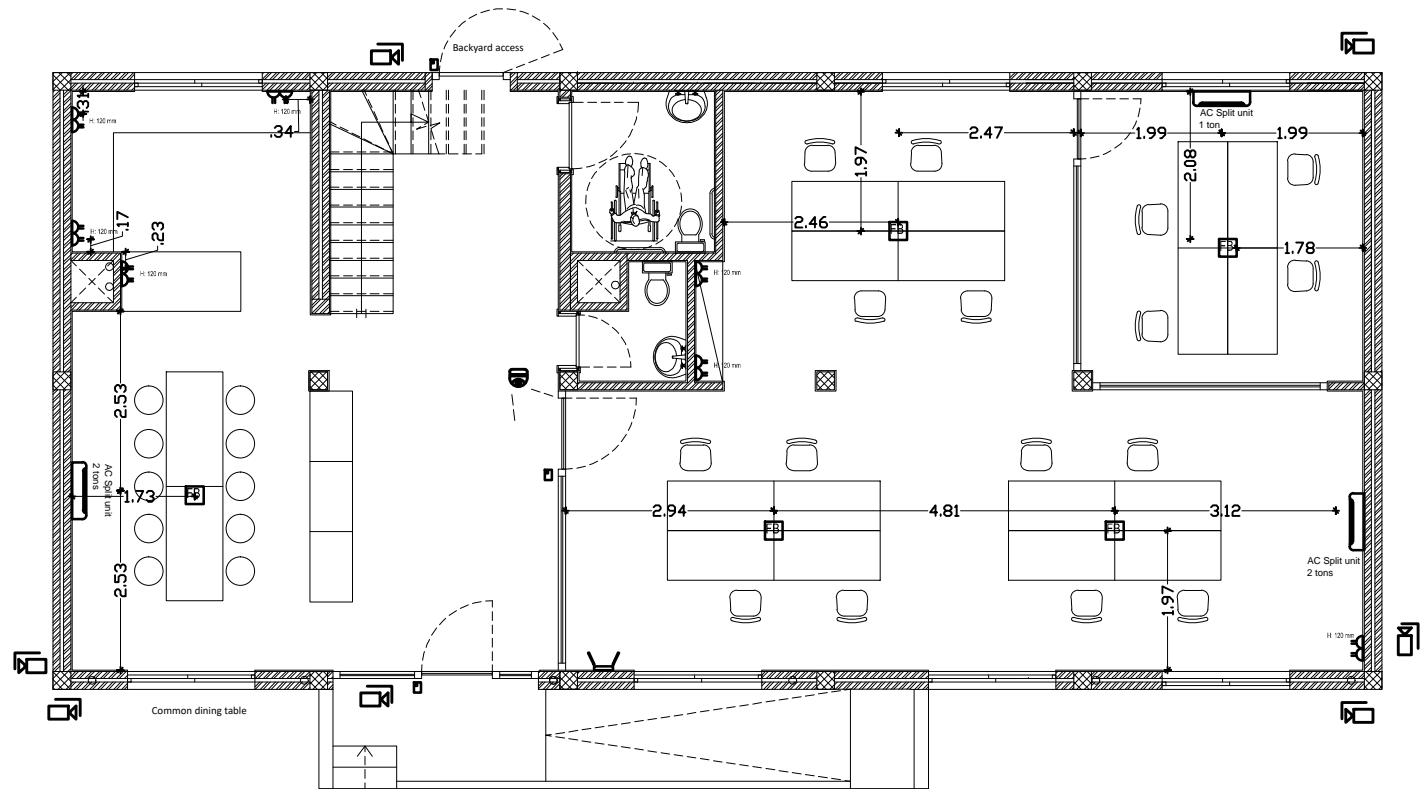
Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
First floor reflected  
ceiling plan

	Floor box with 6 universal sockets
	Double sockets
	Ceiling mounted surveillance camera
	Wall mounted outdoor surveillance camera
	Access card control
	WiFi modem

Note: all compressors to be mounted on the upper roof



GROUND FLOOR PLAN









Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

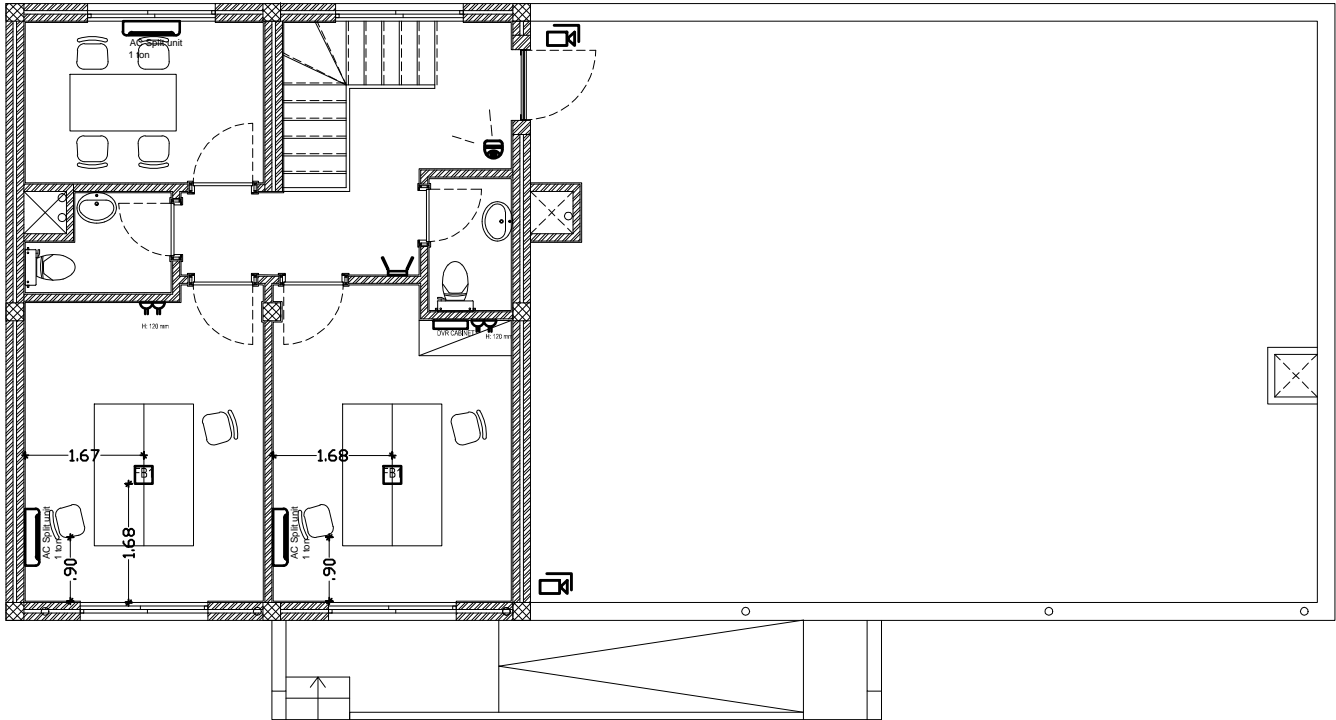
Plot umber 364

Drawing title:  
**Ground floor floor boxes  
and low current layout**

LEGEND & NOTES

	Floor box with universal 4 sockets
	Double sockets
	Ceiling mounted surveillance camera
	Wall mounted outdoor surveillance camera
	Access card control
	WiFi modem

Note: all compressors to be mounted on the upper roof



FIRST FLOOR PLAN









Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

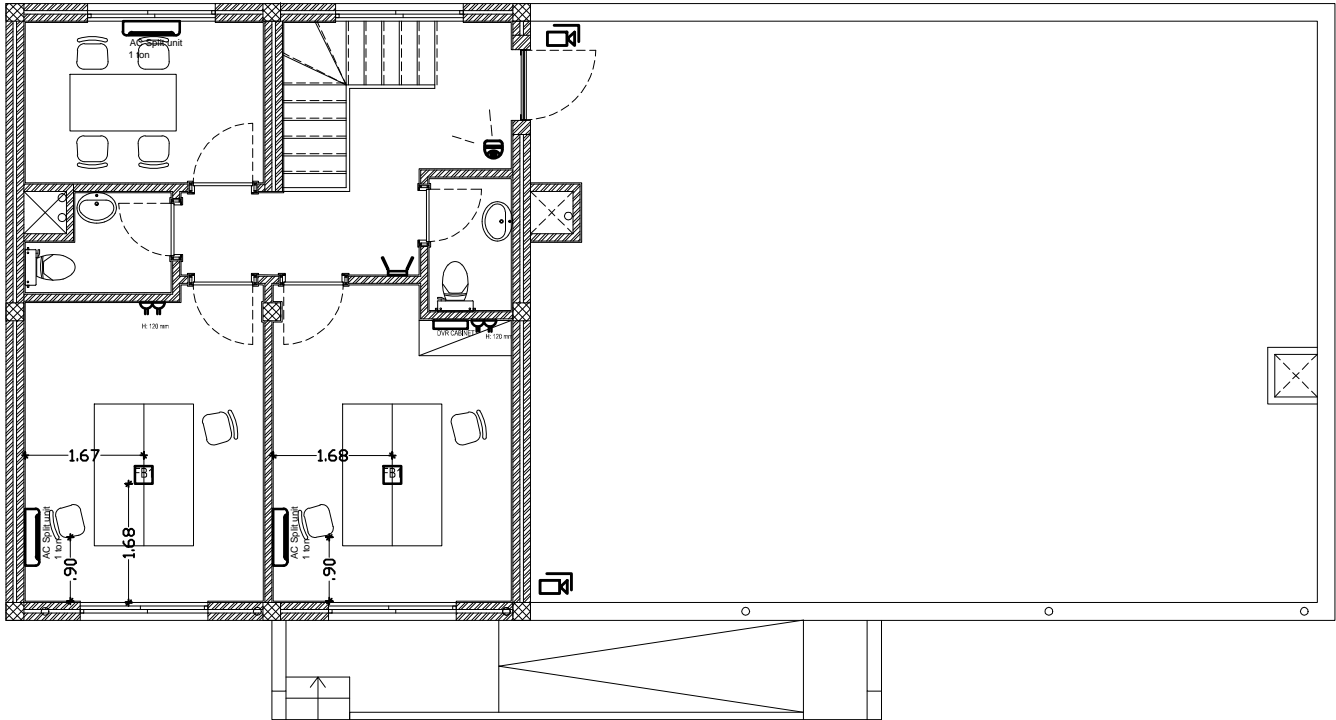
Plot umber 364

Drawing title:  
First floor floor boxes  
and low current layout

LEGEND & NOTES

	Floor box with universal 4 sockets
	Double sockets
	Ceiling mounted surveillance camera
	Wall mounted outdoor surveillance camera
	Access card control
	WiFi modem

Note: all compressors to be mounted on the upper roof



FIRST FLOOR PLAN

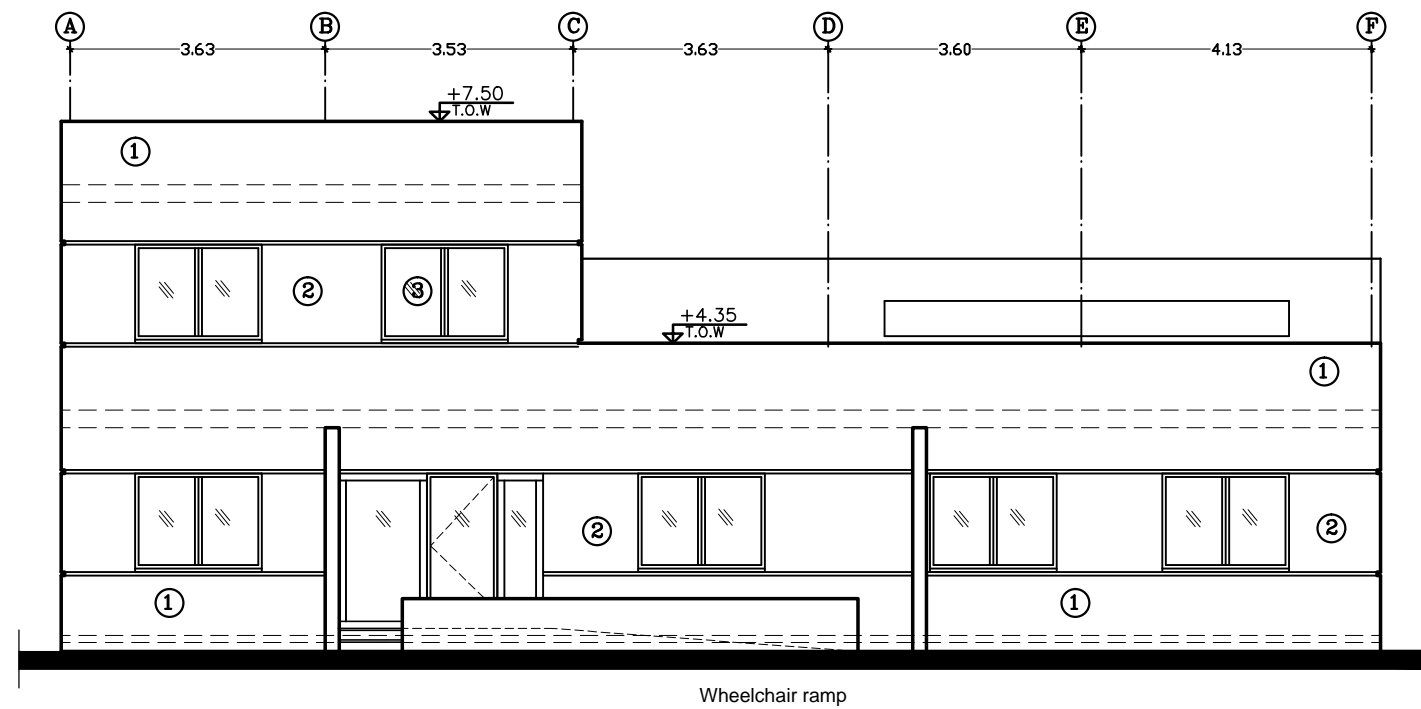


Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

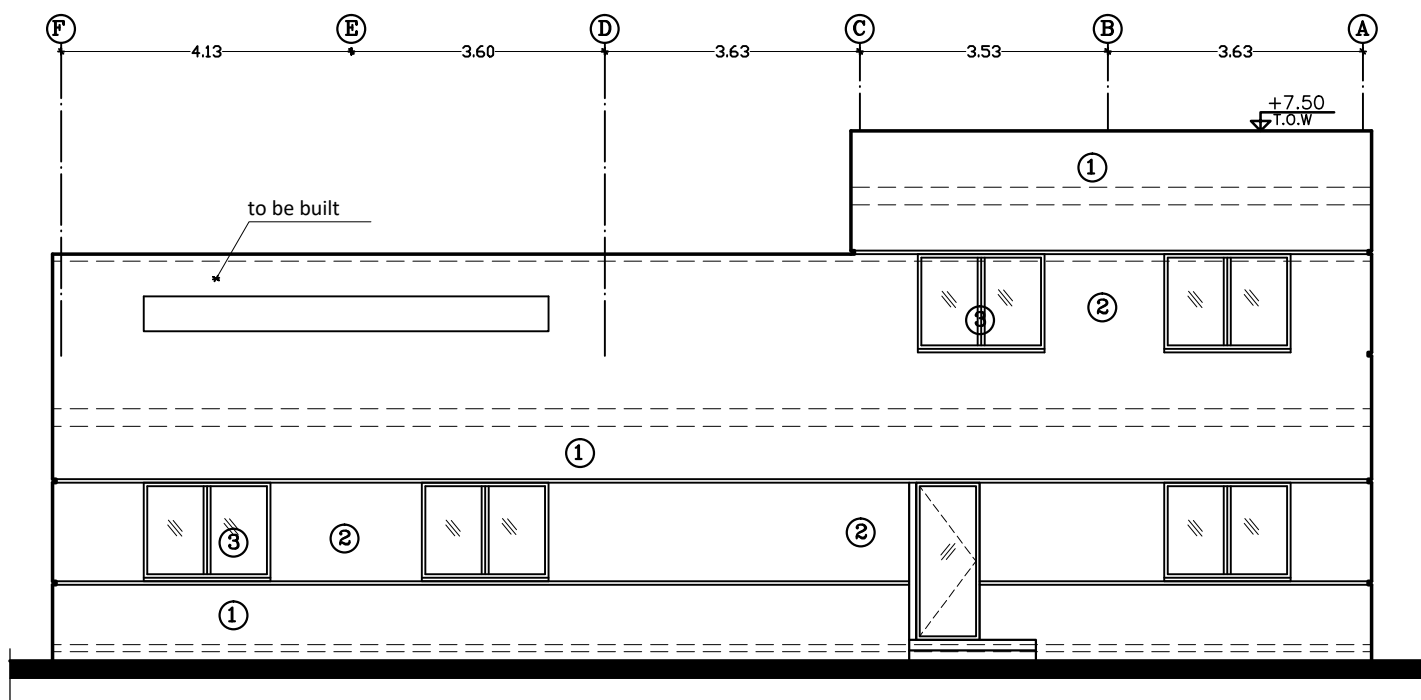
Plot umber 364

Drawing title:  
First floor floor boxes  
and low current layout

- ① PLASTER
- ② RENDERED PLASTER
- ③ ALUMINUM WINDOWS
- ④ STEEL DOOR



FRONT ELEVATION



BACK ELEVATION

LEGEND & NOTES



Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

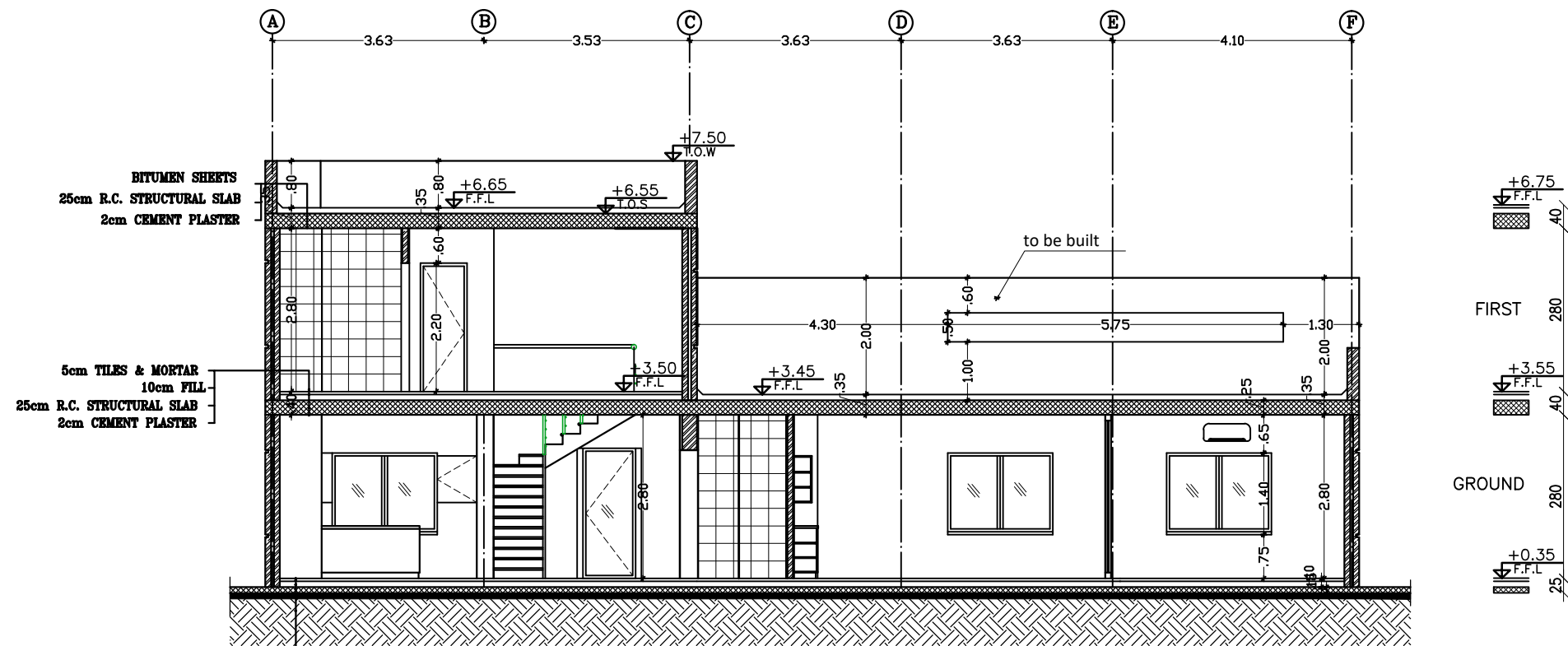
Plot umber 364

Drawing title:  
Elevations

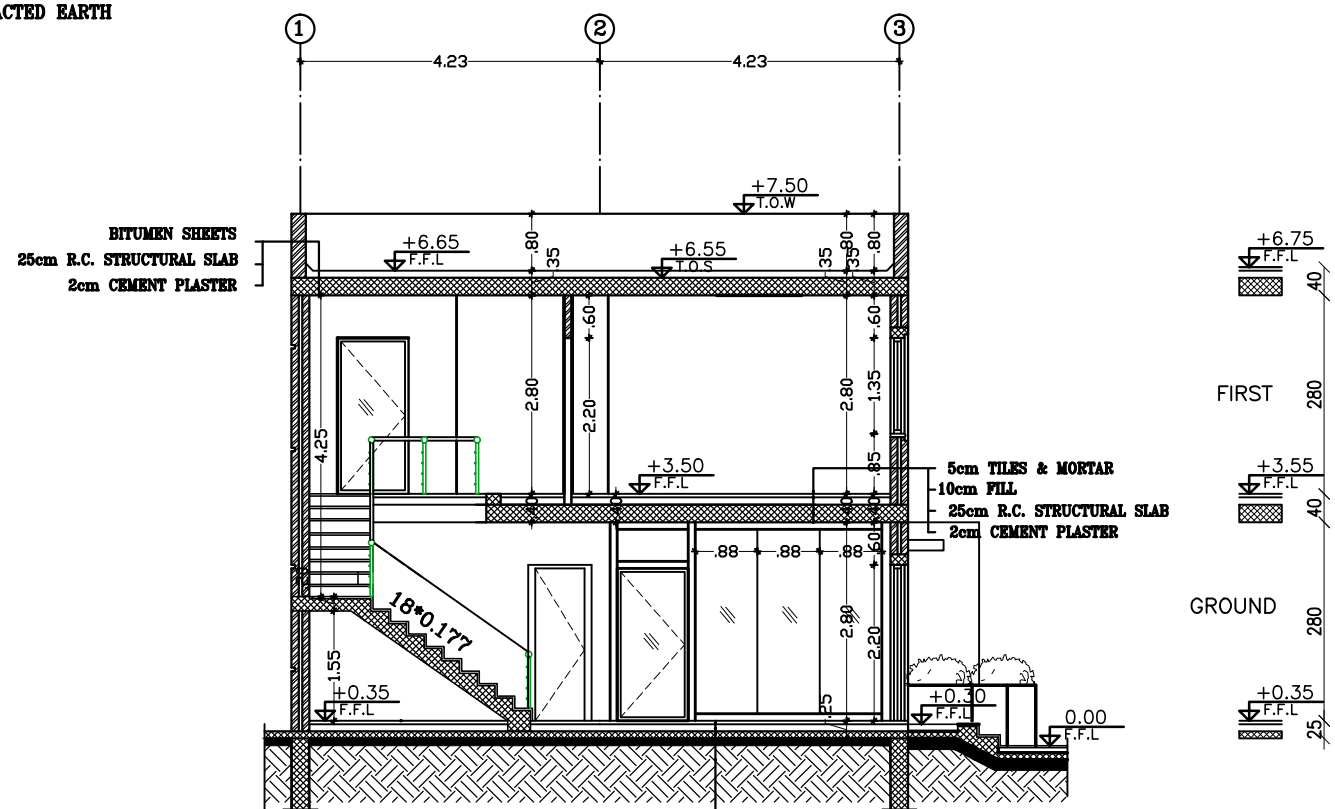
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Date: 8/2015		



LEGEND & NOTES



SECTION A-A



SECTION B-B

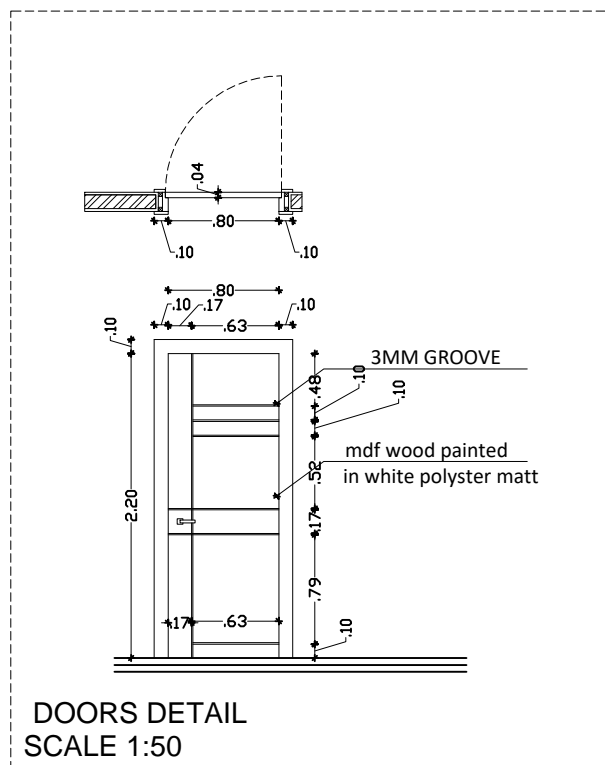
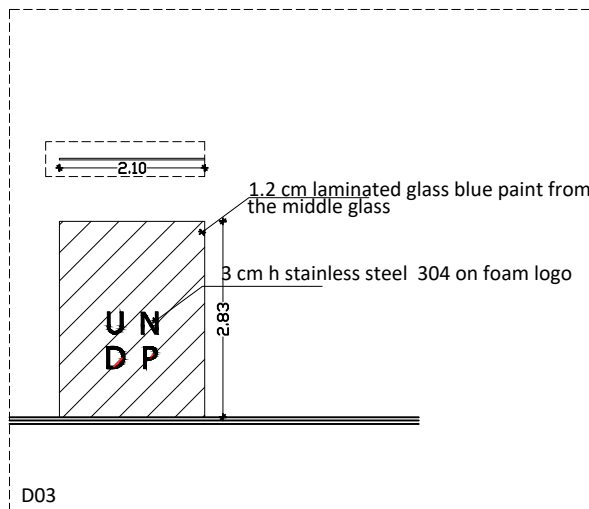
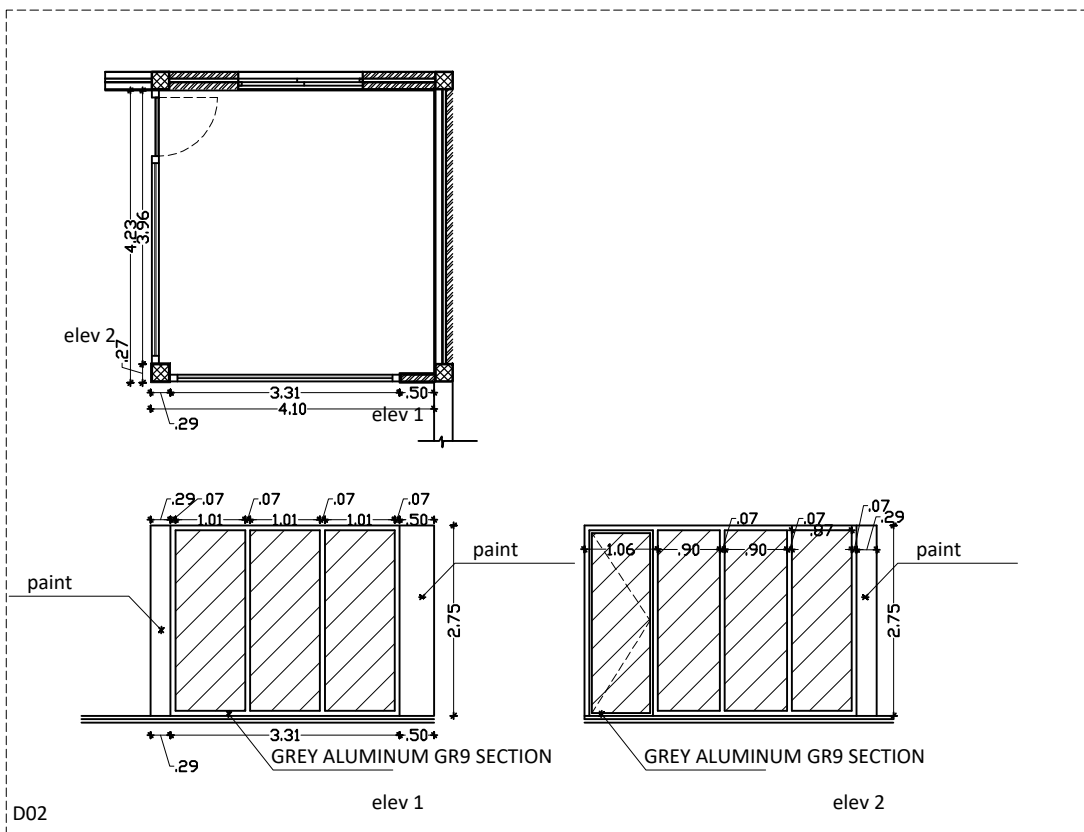
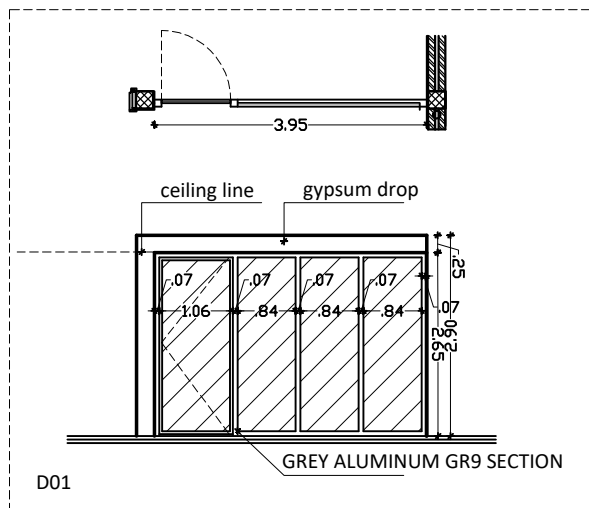


Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
Sections

LEGEND & NOTES



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:

details

ELEC. SYMBOLS Fixture Schedule	
LIGHTING SYSTEM	
SYMBOL	DESCRIPTION
RL1	LED surface/recessed luminaire with CDP microprismatic cover. Luminaire luminous flux 4300 lm, luminaire efficiency 35.5 W, IP20
ERL1	Ditto as above but complete with emergency kit (1) hour duration.
RL2	LED surface/recessed luminaire with CDP microprismatic cover. Luminaire luminous flux 4100 lm, luminaire IP40
ERL2	Ditto as above but complete with emergency kit (1) hour duration.
RL3	Ditto, As RL2 But 40w
ERL3	Ditto as above but complete with emergency kit (1) hour duration.
RL4	Recessed LED ceiling luminaire Luminaire connected wattage 15.5 W IP65
ERL4	Ditto as above but complete with emergency kit (1) hour duration.
RL5	Recessed LED28W downlight aluminium body with IP64
ERL5	Ditto as above but complete with emergency kit (1) hour duration.
RL6	Round LED downlight with highly specular aluminium reflector. Recessed downlight IP64
ERL6	Ditto as above but complete with emergency kit (1) hour duration.
RL7	LED surface/recessed luminaire with CDP microprismatic cover. Luminaire luminous flux 4300 lm, luminaire efficiency 35.5 W, IP65
ERL7	Ditto as above but complete with emergency kit (1) hour duration.
WL1	Surface-mounted LED luminaires for ceiling and wall mounting 11W -IP40
WL2	LED wall luminaire with directed light. stainless steel Matt safety glass Luminaire connected wattage 15 W,Protection class IP65
WL3	Cubic LED wall luminaire for outdoor applications. 28W up and down led wall light, IP Rating IP65 Lamp Body Material: die-cast aluminum with glass diffuser
WL5	LED recessed luminaires for walls, Cast aluminium, stainless steel Safety glass and 50 W IP 65 luminaire made of aluminium alloy, aluminium and stainless steel Safety glass, white Reflector made of pure anodised aluminium
WL9	Wall Mounted Bulkhead Luminar With Wire Guard Galvani. Steel & Cast Aluminium Body 10W GLS Lamp,IP64.
SL1	LED surface-mounted batten luminaire as single luminaire, 1154 mm. Surface direct-ceiling type 28w ,IP20
ESL1	Ditto as above but complete with emergency kit
SL2	LED ceiling and wall luminaire for standard damp room applications. With opal polycarbonate diffuser, impact resistant. 48w ,IP65
ESL2	Ditto as above but complete with emergency kit (1) hour duration.
SL3	Surface direct-ceiling lighting luminaire mini square shape with opal wraparound glass diffuser led 15W IP44
SL4	Ceiling and wall luminaires 20W IP 65 Cast aluminium and Crystal glass, inside
ESL4	Ditto as above but complete with emergency kit (1) hour duration.
SL5	Wall luminaires with indirect-direct light distribution. For 1 led tube lamp T8 18 Watt.
FL1	LED floodlight for planar lighting and accent lighting. luminaire 50W Waterproof led floodlight wide beam Approval IP Rating:IP65
FL2	LED floodlight for planar lighting and accent lighting. luminaire 75W Waterproof led floodlight wide beam Approval IP Rating:IP65
FL3	10W Waterproof LED Floodlight swimming pool with stainless steel made IP Rating: IP68 Operating Voltage: 24v-dc.
EM1	8W Led emergency bulkhead offering maintained and non-maintained operation in one luminaire sealed to IP65
EM2	8W Led emergency bulkhead offering maintained and non-maintained operation in one luminaire sealed to IP40 .
EM3	4W LED EMERGENCY EXIT LIGHTING FIXTURE . THE FIXTURE SHOULD CONTAIN A BATTERY CHARGING DEVICE AND BATTERY UNIT TO LIGHT LAMP FOR NOT LESS THAN 3 HOURS,IP40
EM4	DITTO (EM3) BUT DOUBLE FACE.
EM5	DITTO (EM3) BUT ONE FACE.
LP1	70-100W LED STREET LIGHT ON 7M STEEL POLE (SINGLE ARM),IP-66.

ELEC. SYMBOLS Fixture Schedule	
SOCKET SYSTEM	
SYMBOL	DESCRIPTION
	ELEC POINT
	BOILER CONTROL SWITCH WITH INDICATION LAMP .
	LIGHTING SWITCH PANEL
	PUSH BUTTON/CONTACTOR WITH PILOT LIGHTS.
	16A DOUBLE POLE SWITCH WITH PILOT LAMP, FOR E.W.H
	10A WALL/CEILING MOUNTED DOUBLE POLE SWITCH, FOR EX. FAN WITH FAN SYMBOL
	10A, ONE GANG -, TWO GANG, THREE GANG ONE WAY SWITCH.
	10A, ONE GANG -, TWO GANG - TWO WAY SWITCH.
	10A, INTERMEDIATE SWITCH.
	2 COMPARTMENT FLOOR BOX WITH 13A SINGLE (SOCKET.,DATA) OUTLET
	3 COMPARTMENT FLOOR BOX WITH 13A SINGLE (SOCKET ,TEL.,DATA) OUTLET
M.D.B. 	Main Distribution Board.
M.C.C. 	MOTER CONTROL CENTER.
D.B. 	FINAL DISTRIBUTION BOARD (DB)
M.T.C 	Main Telephone Terminal Box.
T.J.B 	Sub Main Telephone Termenal Box
	DATA CABINET
	PRIVATE AUTOMATIC BRANCH EXCHANGE.
	SERVER
	ACCESS SWITCH

ELEC. SYMBOLS Fixture Schedule	
SOCKET SYSTEM	
SYMBOL	DESCRIPTION
	3-POLE, 13Amp. SWITCHED SOCKET OUTLET.
	3-POLE, 16Amp. SWITCHED SOCKET OUTLET
	2- GANG, 3-POLE, 13Amp. SWITCHED SOCKET OUTLET,
	3-POLE, 13Amp. SWITCHED SOCKET OUTLET, WATRE PROOF TYPE
	3-POLE, 16Amp. SWITCHED SOCKET OUTLET
	20A, DOUBLE POLE SWITCH WITH Indication Light. & CABLE OUTLET FIXED ABOVE FALSE CEILING FOR F.C.U.
	3-POLE, 13Amp. SWITCHED SOCKET OUTLET, SPARK PROOF
	2- GANG, 3-POLE, 13Amp. SWITCHED SOCKET OUTLET, H:250cm.
	3-POLE, 13Amp. SWITCHED SOCKET OUTLET, -H:250cm.
	WIRELESS POINT H:250cm
	Ceilling Power Elec. Point For Projector
	TELEPHONE SOCKET OUTLET (RJ11).
	T.V. AND SATELLITE SYSTEM SOCKET OUTLET
	ELECTRIC WATER HEATER (SEE MECH. DWG. FOR DET. & SPECIFICATION).
	SPN, ISOLATING SWITCH, IP-54 (FOR RATING REFER TO DRAWINGS).
	TPN, ISOLATING SWITCH, IP-54 (FOR RATING REFER TO DRAWINGS).
	RJ45 DATA SOCKET OUTLET
	THERMOSTAT BOX
EX.FAN 	EXHAUST FAN OUTLET

Note:-

- \* ALL Switches to be fixed at hight 125cm from F.F.L. unless the switches beside beds at hight 70cm from F.F.L.
- \* ALL Socket Outlets to be fixed at hight 35cm from F.F.L. unless the following outlet
- \* Sockets in the Kitchen.  
Sockets for general use to be fixed at hight 110cm from F.F.L.  
Sockets for Frezer and refrigerator to be fixed at hight 150cm .

LEGEND & NOTES



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

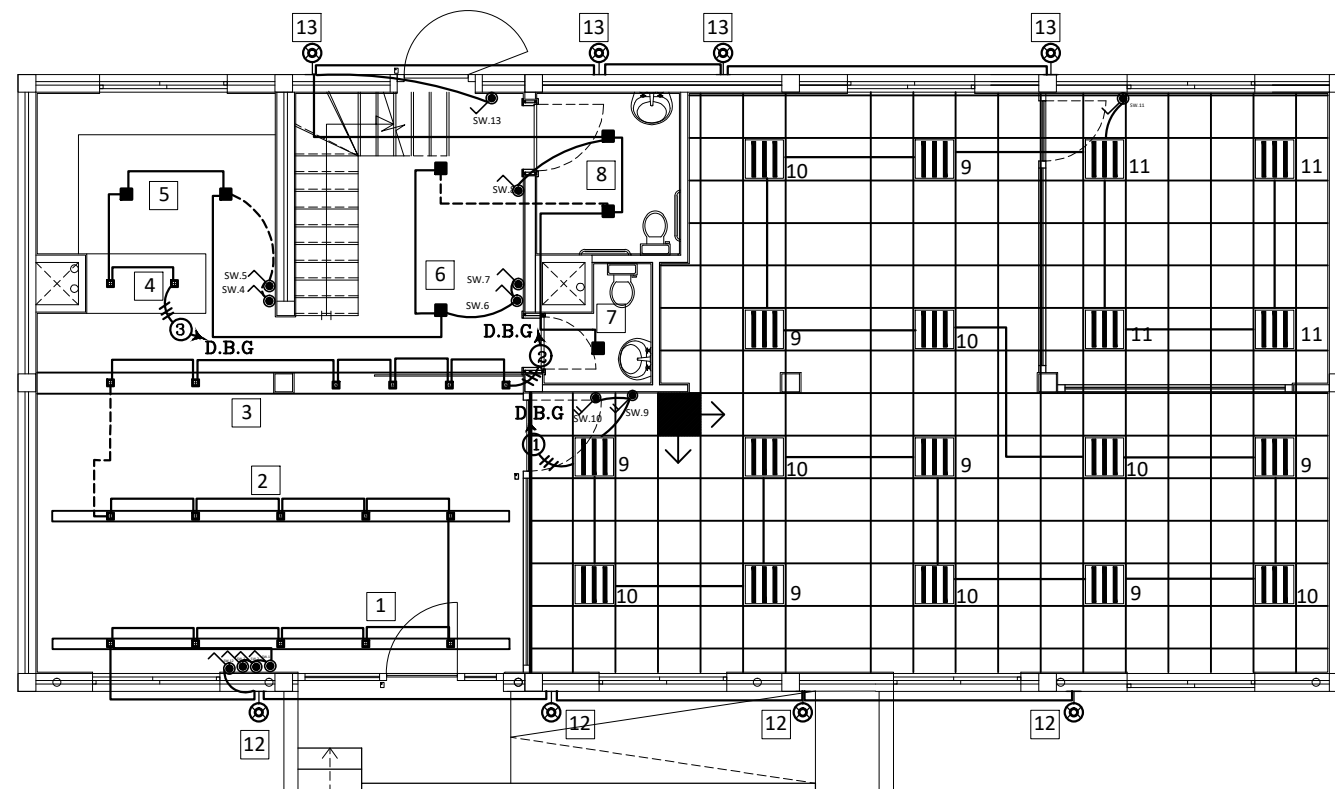
Plot umber 364

Drawing title:  
**ELEC. SYMBOLS**

Scale: 1/100  
Date: 8/2015

Sheet  
No.

E - 01



GROUND FLOOR PLAN

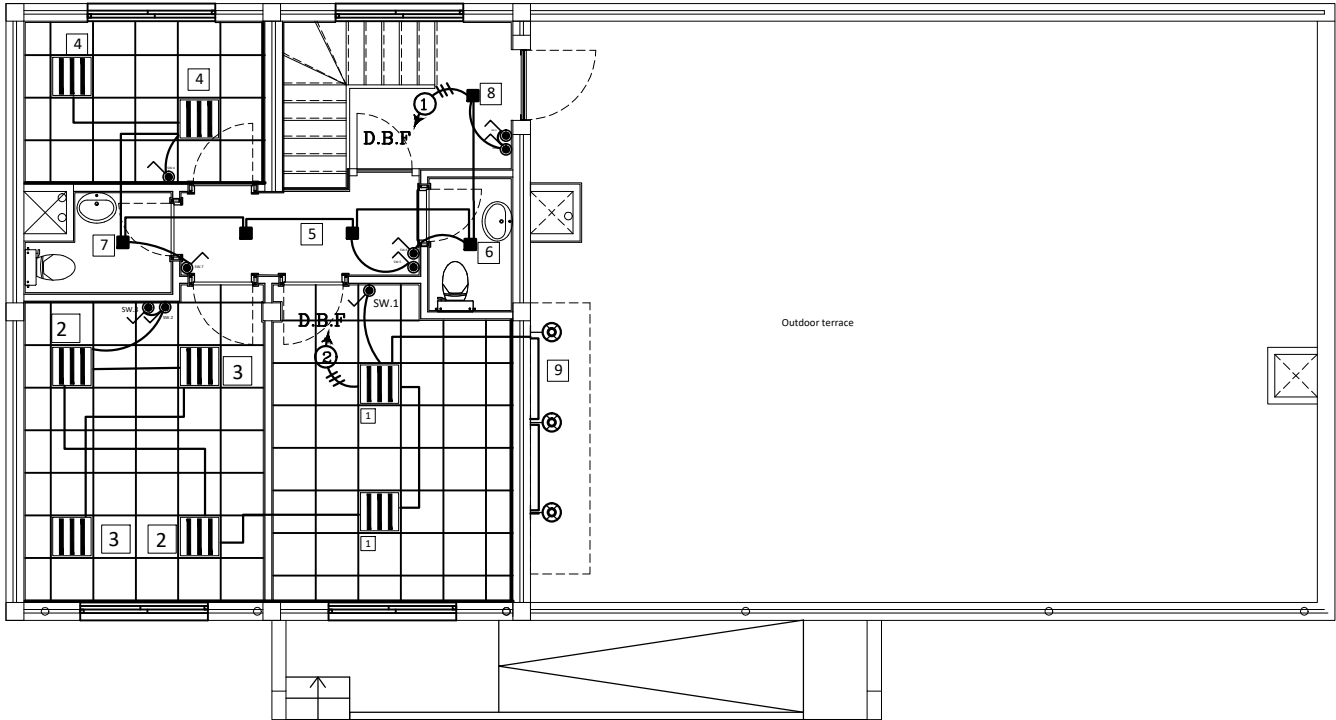
# LEGEND & NOTES



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:  
**Ground floor lighting  
plan**



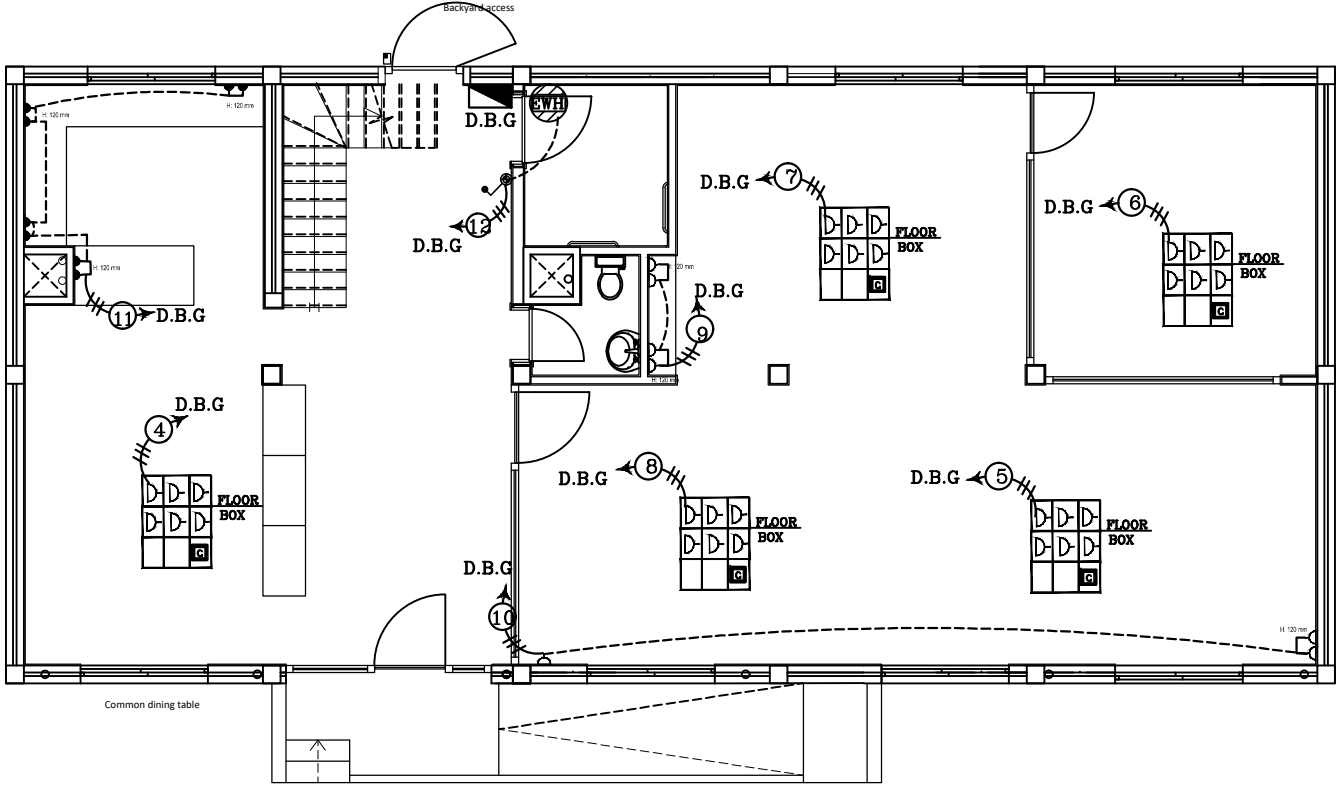
FIRST FLOOR PLAN



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:  
**First floor LIGHTING  
PLAN**



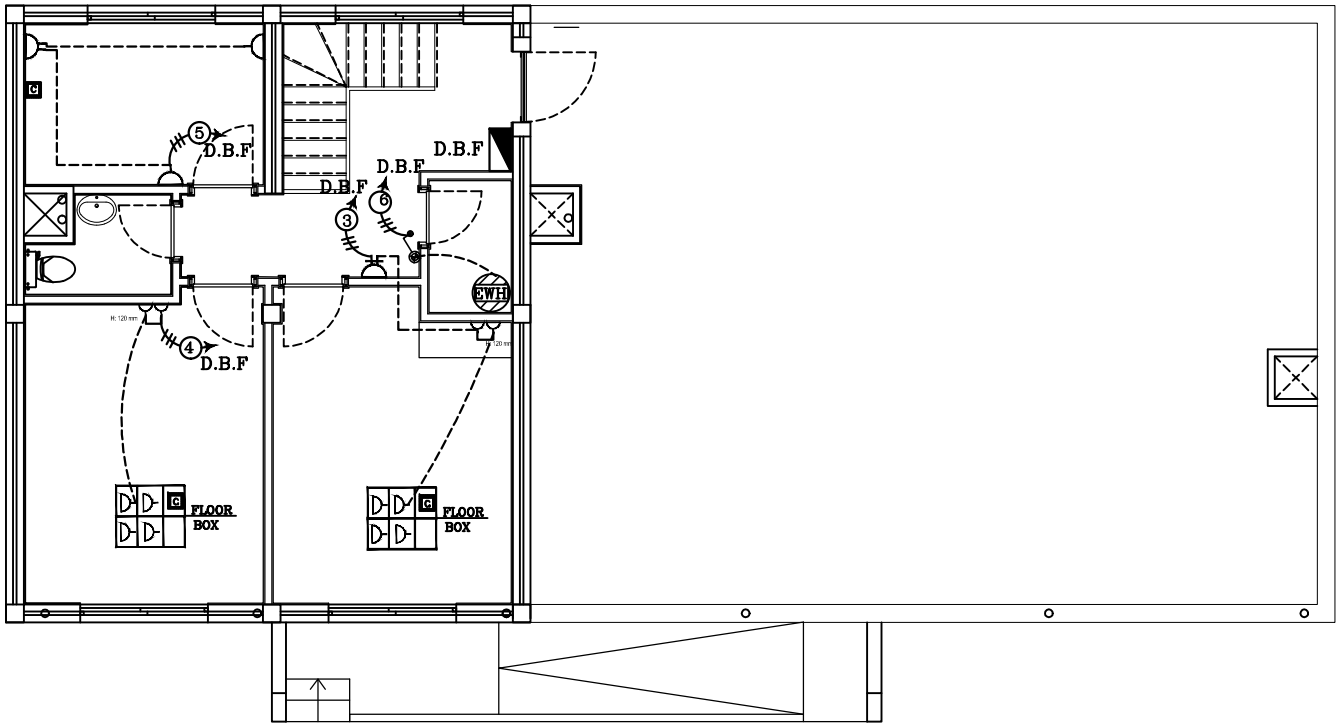
GROUND FLOOR PLAN



Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
  
GROUND floor  
SOCKETS PLAN



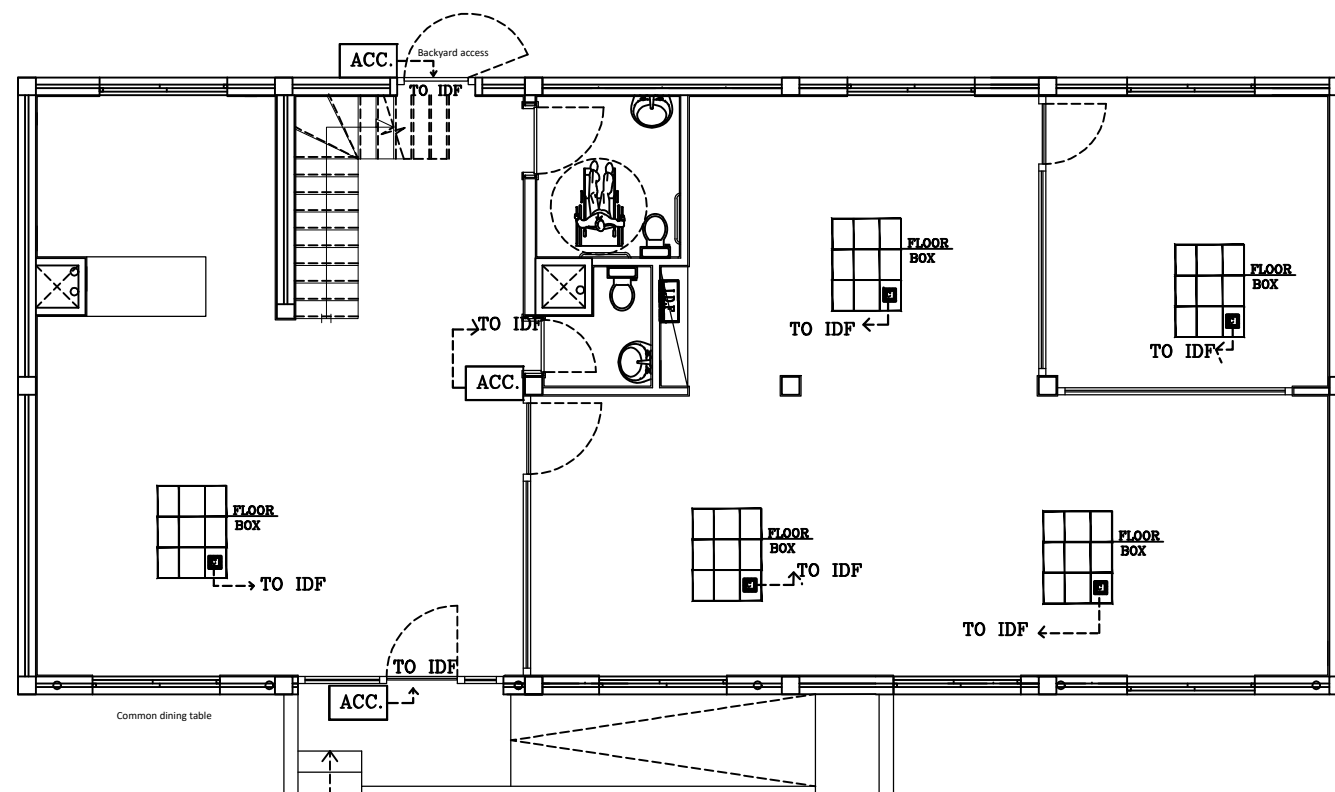
FIRST FLOOR PLAN



Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
First floor SOCKETS  
PLAN



GROUND FLOOR PLAN

## LEGEND & NOTES



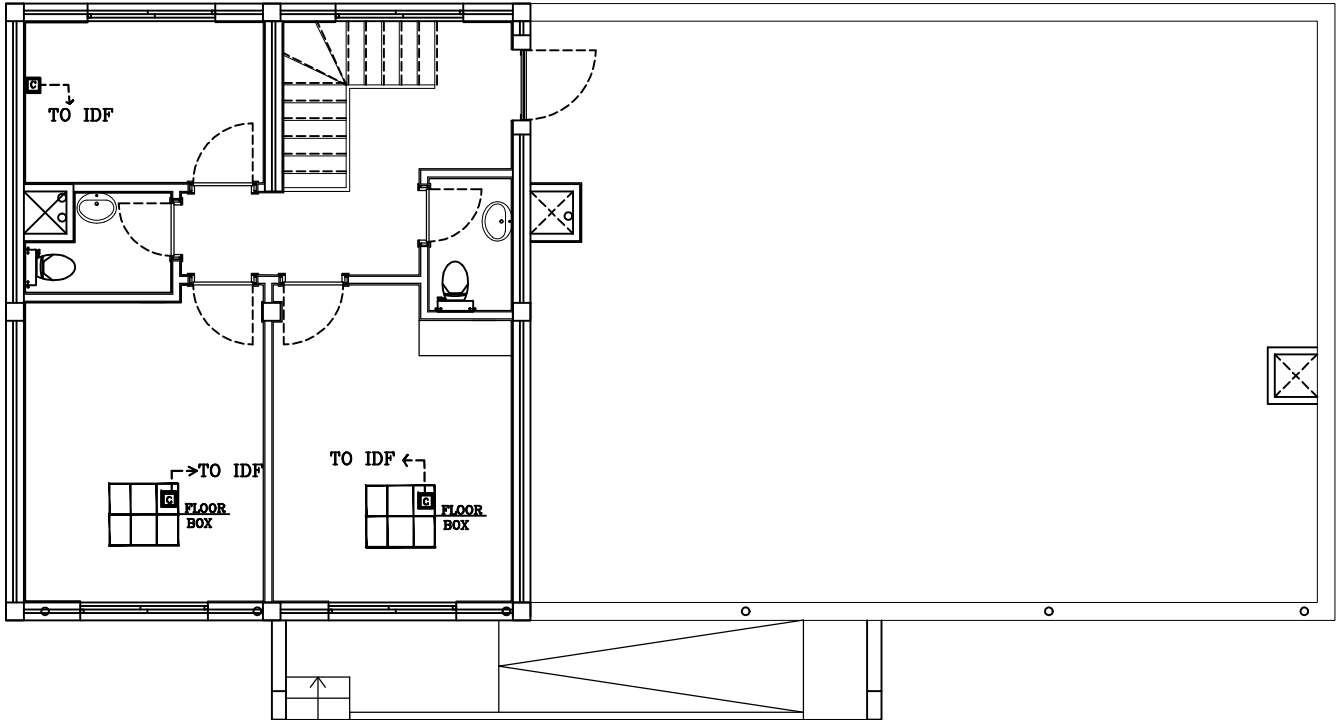
Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:  
**Ground floor floor boxes  
and low current layout**

Scale: 1/100	Sheet No.	E -06
Date: 8/2015		





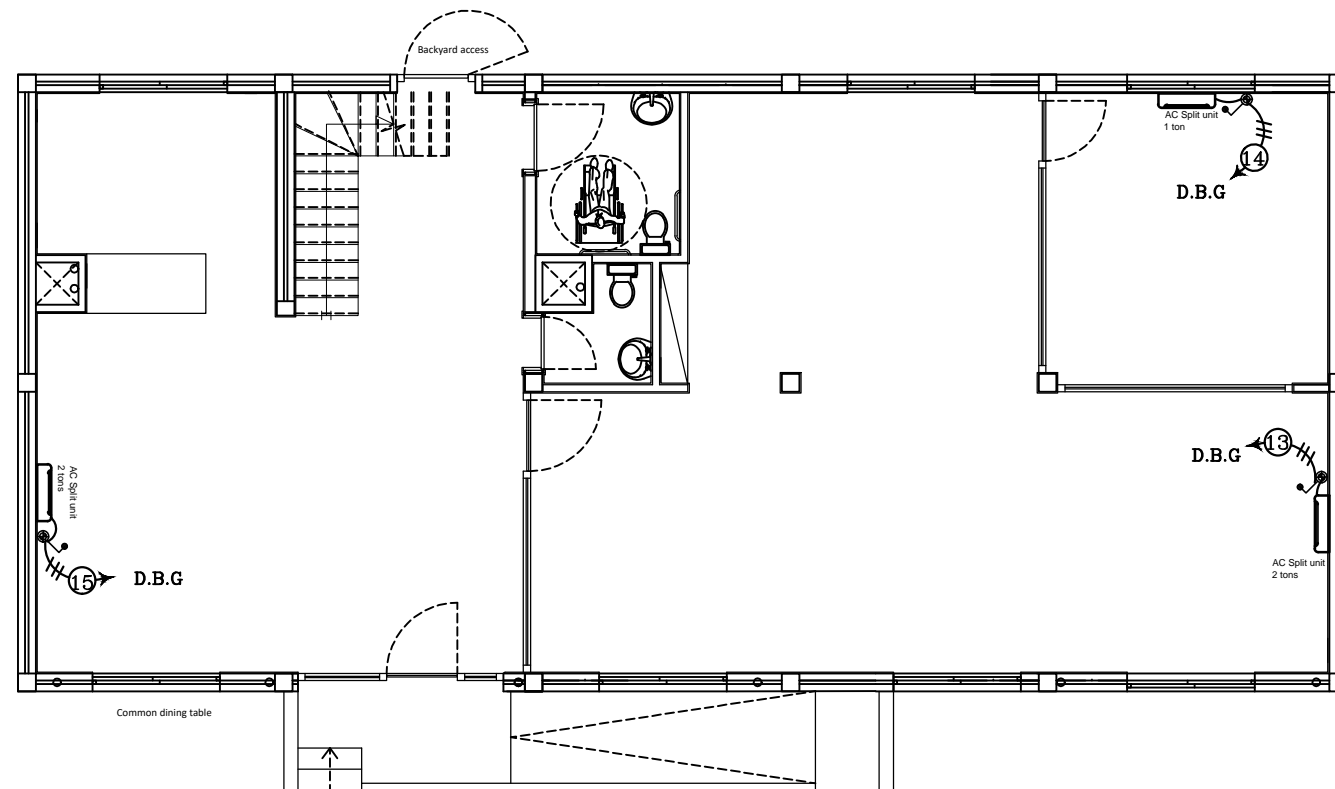
FIRST FLOOR PLAN



Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
First floor floor boxes  
and low current layout



GROUND FLOOR PLAN

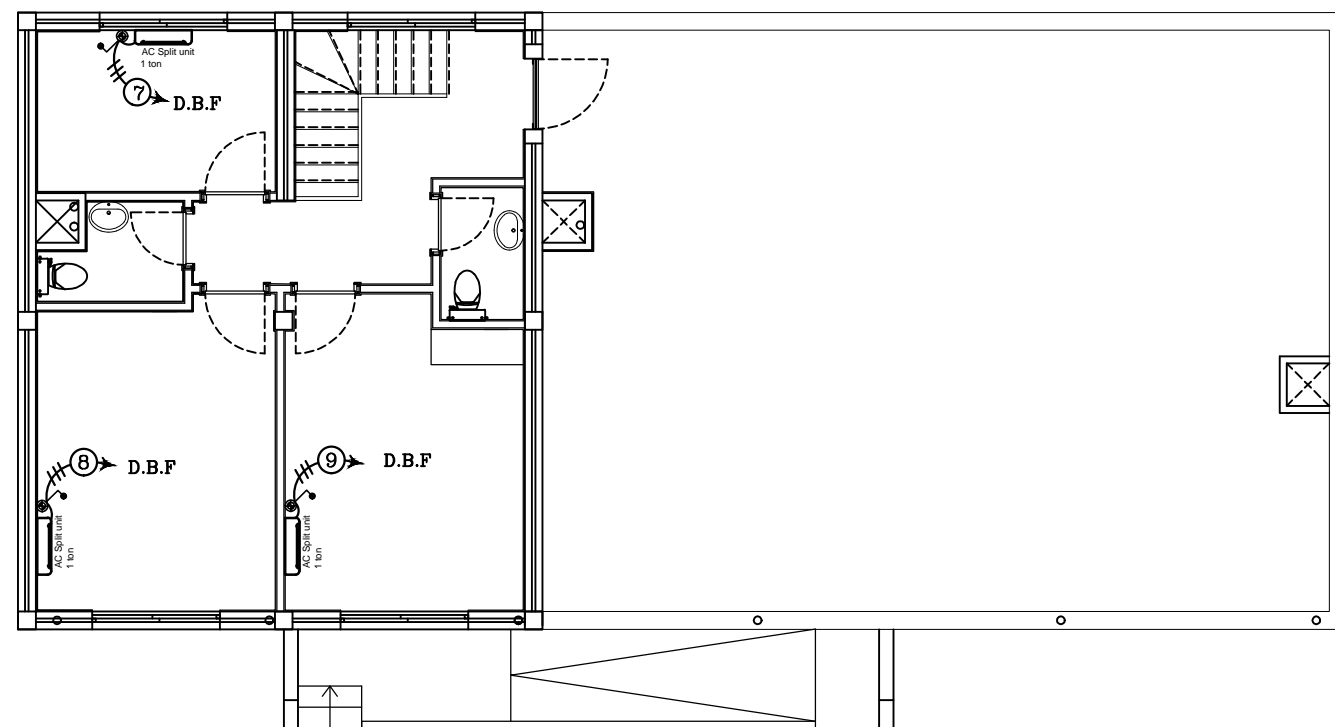
LEGEND & NOTES



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:  
  
**GROUND  
floor floor A/C**



FIRST FLOOR PLAN

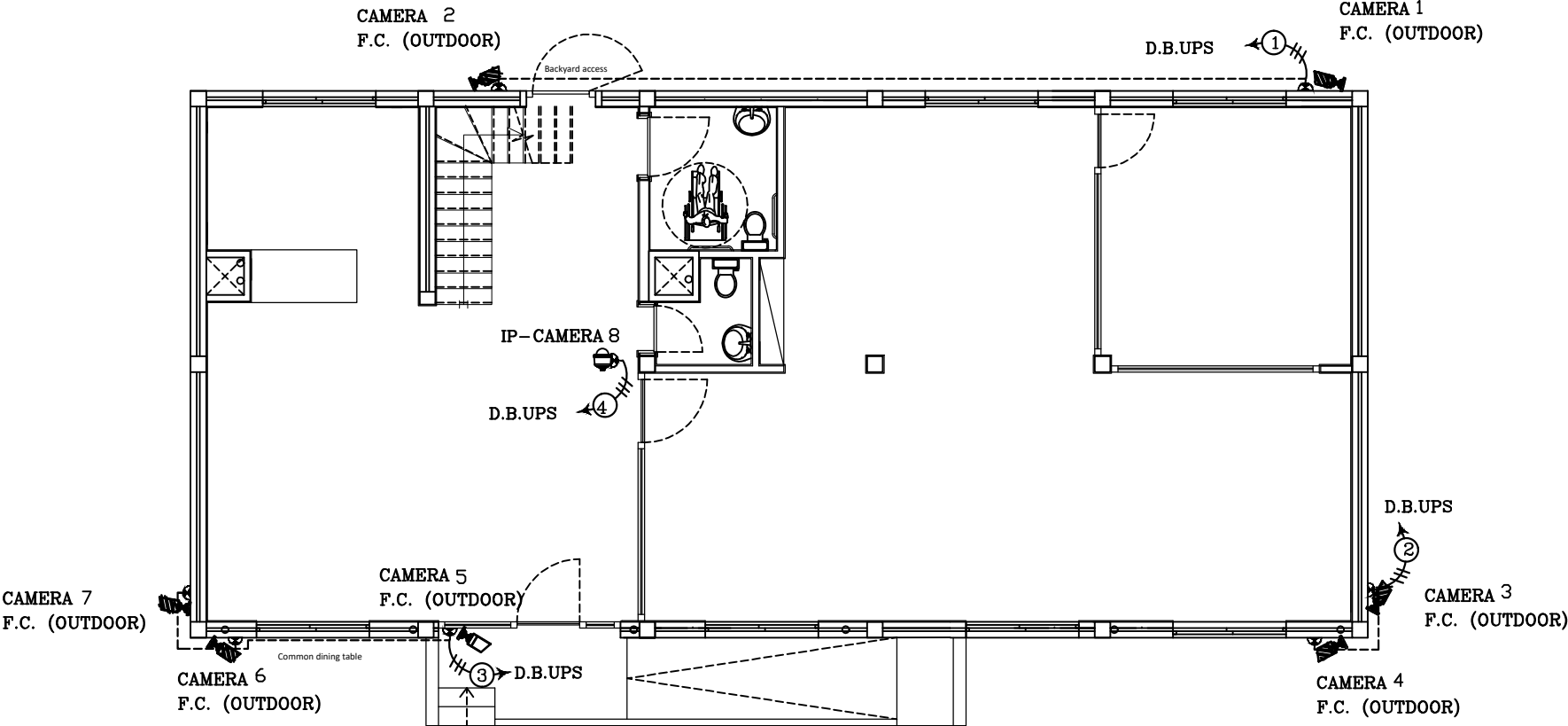
LEGEND & NOTES



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:  
**First floor floor A/C**



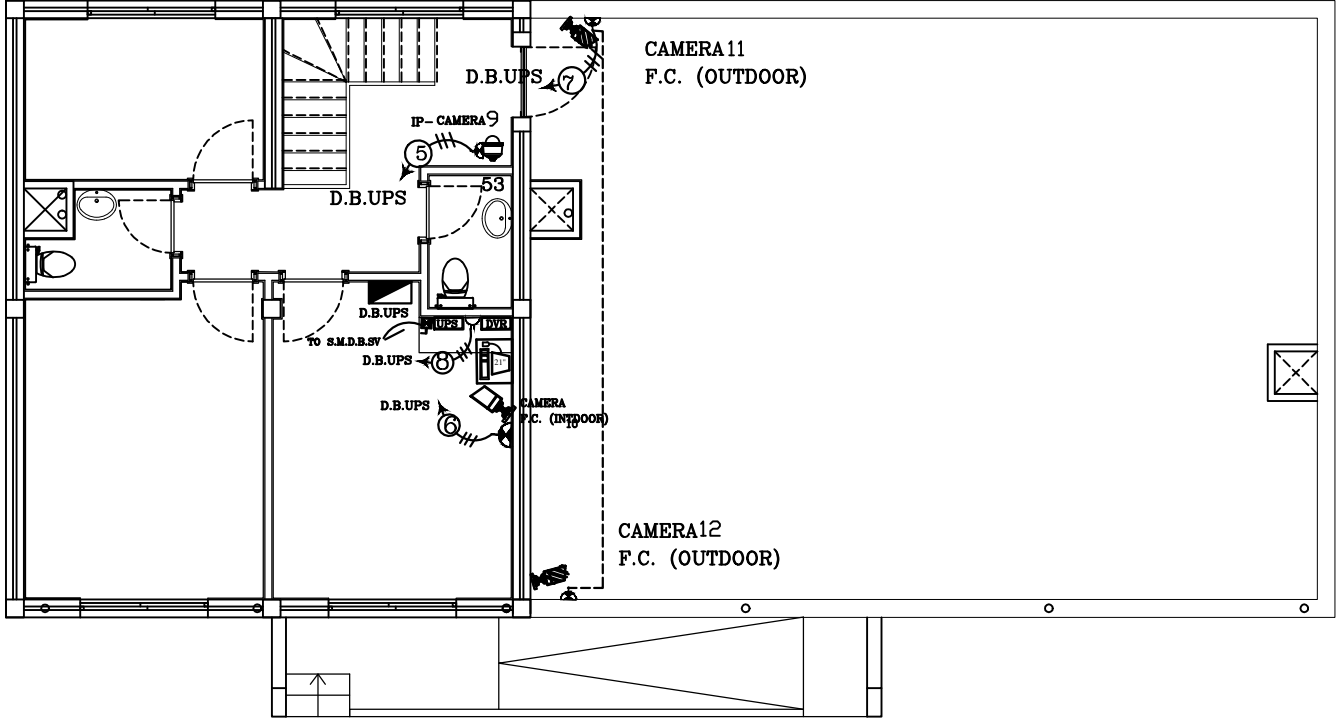
GROUND FLOOR PLAN



Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
Ground floor floor  
CAMERA










FIRST FLOOR PLAN



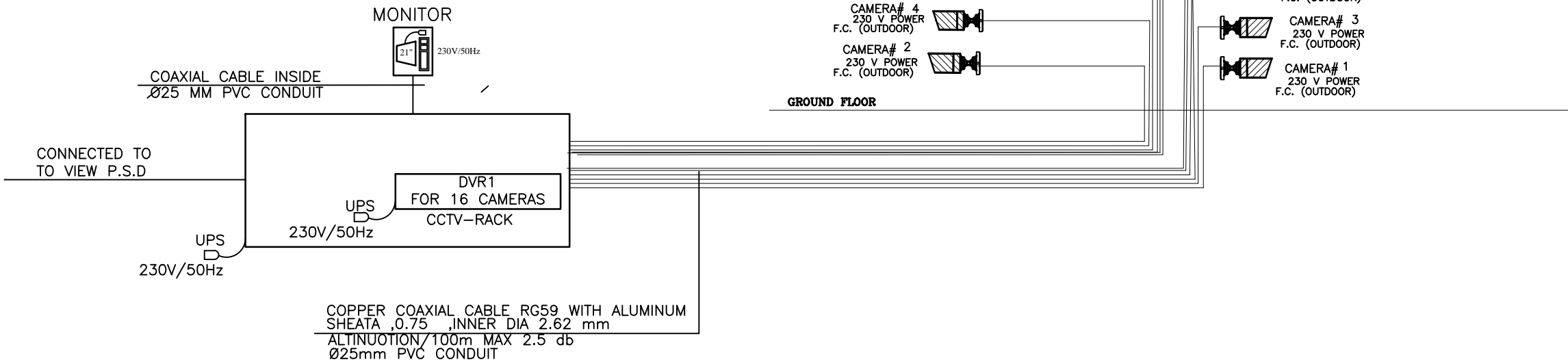
Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
First floor floor CAMERA

LEGEND	
LOW CURRENT CCTV SECURITY SYSTEM	
SYMBOL	DESCRIPTION
	CCTV RACK CCTV MATRIX SWITCHER & VIDEO SERVER & ALARM MONITOR
	DIGITAL VIDEO RECORDER
	CCTV ZOOM FIXED CAMERA WALL MOUNTED ● H=2800mm. INDOOR TYPE
	MONITOR
	CCTV ZOOM FIXED CAMERA WALL MOUNTED ● H=2800mm. OUTDOOR W.P TYPE
	CCTV CAMERA, ZOOM FIXED WALL MOUNTED ● H=2800mm. OUTDOOR CAMERA
	CCTV CAMERA, ZOOM FIXED WALL MOUNTED ● H=2800mm. INDOOR CAMERA
—	COAXIAL CABLE INSIDE Ø25mm PVC CONDUIT

NOTE : DVR MUST RECORDING NOT LESS THAN 31 DAYS ● 25 FPS



BREAKER		ISOLATOR 1x63A		BOARD SIZE 1-PN 10WAY			
PANEL REF. D.B. UPS		FEEDER SIZE CU/XLPE/PVC CABLE		S.M.D.B.S.V			
LOCATION FIRST FLOOR		SUPPLY FROM S.M.D.B.S.V		RACK WAY TYPE 25mm PVC CONDUIT			
VOLTAGE & 1PHASE, 230V-50Hz		RACK WAY TYPE		25mm PVC CONDUIT			
TYPE OF LOAD	WIRE SIZE mm	COND SIZE mm	PHASE LOAD WATT	TRIPING RATE L	PHASE LOAD WATT	COND WIRE SIZE mm	TYPE OF LOAD
SOCKETS	2.5	20	15A 15A	20	2.5	20	SOCKETS
SOCKETS	2.5	30	15A 15A	10	2.5	30	SOCKETS
SOCKETS	2.5	10	15A 15A	10	2.5	10	SOCKETS
SOCKETS	2.5	20	15A 20A	500	4.0	20	SOCKETS
SPARE	/	/	15A 15A	/	/	/	SPARE
PHASE TOTALS (W)		620					

DISCR.	LIGHTING WATT	SOCKETS WATT	OTHER WATT	TOTAL WATT	PANEL CURRENT A
CONSTRUCTED LOAD WATT	/	620	/	620	4.0
DEM. FACT	0.9	1.0	1.0		
DEMAND LOAD WATT	/	620	/	620	4.0

# LEGEND & NOTES



Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
CAMERA RISER

BREAKER	ISOLATOR 1x63A			BOARD SIZE		1-PN 18 WAY				
PANEL REF.	D.B.G			FEEDER SIZE		CU/PVC CABLE 3x10mm <sup>2</sup>				
LOCATION	GROUND			SUPPLY FROM		MDB				
VOLTAGE & FREQ	1PHASE,230V-50Hz			RACE WAY TYPE		32mm PVC CONDUIT				
TYPE OF LOAD	WIRE SIZE mm <sup>2</sup>	COND SIZE mm	PHASE LOAD WATT	TRIPING RATE		PHASE LOAD WATT	COND SIZE mm	WIRE SIZE mm <sup>2</sup>	TYPE OF LOAD	
			L	L		L				
LIGHTING	1.5	20	750	1	10A	10A	2	1.5	LIGHTING	
LIGHTING	1.5		300	3	10A	15A	4	2.5	SOCKETS	
SOCKETS	2.5		1000	5	15A	15A	6	2.5	SOCKETS	
SOCKETS	2.5		1000	7	15A	15A	8	2.5	SOCKETS	
SOCKETS	2.5		600	9	15A	15A	10	2.5	SOCKETS	
SOCKETS KIT	4.0		1500	11	20A	20A	12	4.0	SOCKETS KIT	
A/C	4.0		1000	13	20A	20A	14	4.0	A/C	
A/C	4.0		1000	15	20A	10A	16	/	SPARE	
SPARE	/		/	/	17	15A	20A	18	/	SPARE
PHASE TOTAL(W)			13450							

DISCR.	LIGHTING	SOCKETS	E,W,H	FUTURE LOAD	TOTAL	PANEL CURRENT
	WATT	WATT	WATT	WATT	WATT	A
CONNECTED LOAD WATT	1350	1500 + 6100	1500	3000	13450	72
DEM. FACT	66%	100% + 40%	100%	40%		
DEMAND LOAD WATT	800	3940	1500	1200	7400	39

BREAKER	ISOLATOR 1x63A		BOARD SIZE		1-PN 12 WAY				
PANEL REF.	D.B.F		FEEDER SIZE		CU/PVC CABLE 3x10mm <sup>2</sup>				
LOCATION	FIRST		SUPPLY FROM		MDB				
VOLTAGE & FREQ	1PHASE,230V-50Hz		RACE WAY TYPE		32mm PVC CONDUIT				
TYPE OF LOAD	WIRE SIZE mm <sup>2</sup>	COND SIZE mm	PHASE LOAD WATT	TRIPING RATE		PHASE LOAD WATT	COND SIZE mm	WIRE SIZE mm <sup>2</sup>	TYPE OF LOAD
			L		L				
LIGHTING	1.5	20	150	1	10A	10A	2	1.5	LIGHTING
SOCKETS	2.5		1100	3	15A	15A	4	2.5	SOCKETS
SOCKETS	2.5		900	5	15A	20A	6	4.0	E.W.H
A/C	4.0		1000	7	20A	20A	8	4.0	A/C
A/C	4.0		1000	9	20A	10A	10	/	SPARE
SPARE	/	/	/	11	15A	15A	12	/	SPARE
PHASE TOTAL(W)			8000						

DISCR.	LIGHTING	SOCKETS	SOLAR HEATER	FUTURE LOAD	TOTAL	PANEL CURRENT
	WATT	WATT	WATT	WATT	WATT	A
CONNECTED LOAD WATT	500	1100 + 1900	1500	3000	8000	62
DEM. FACT	66%	100% + 40%	100%	40%		
DEMAND LOAD WATT	300	1860	1500	1200	4860	26.40



Project Name :  
Heart of Amman project  
Ras Alain social  
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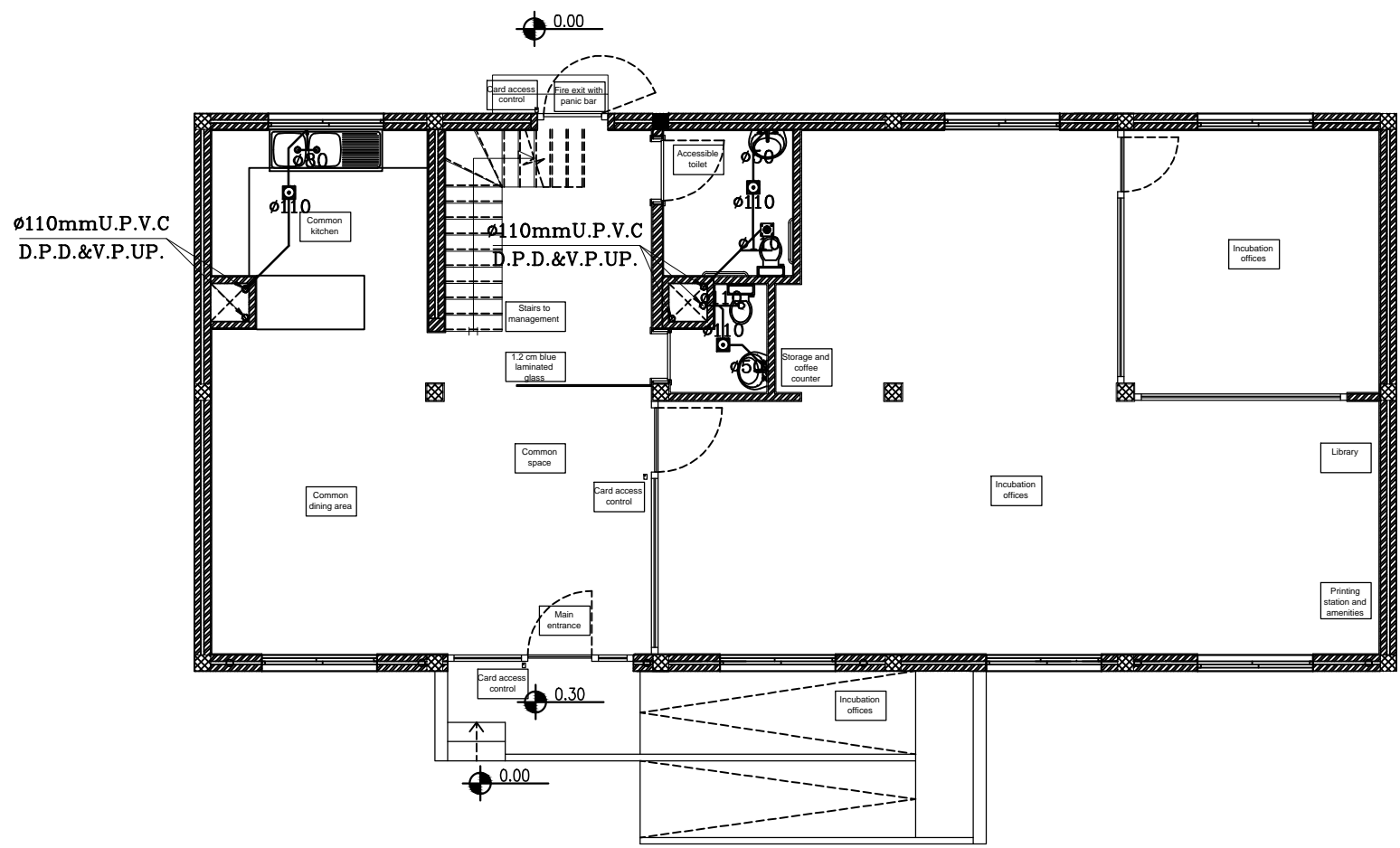
Plot umber 364

Drawing title:  
ELEC.CALC.



Plot umber 364





GROUND FLOOR PLAN

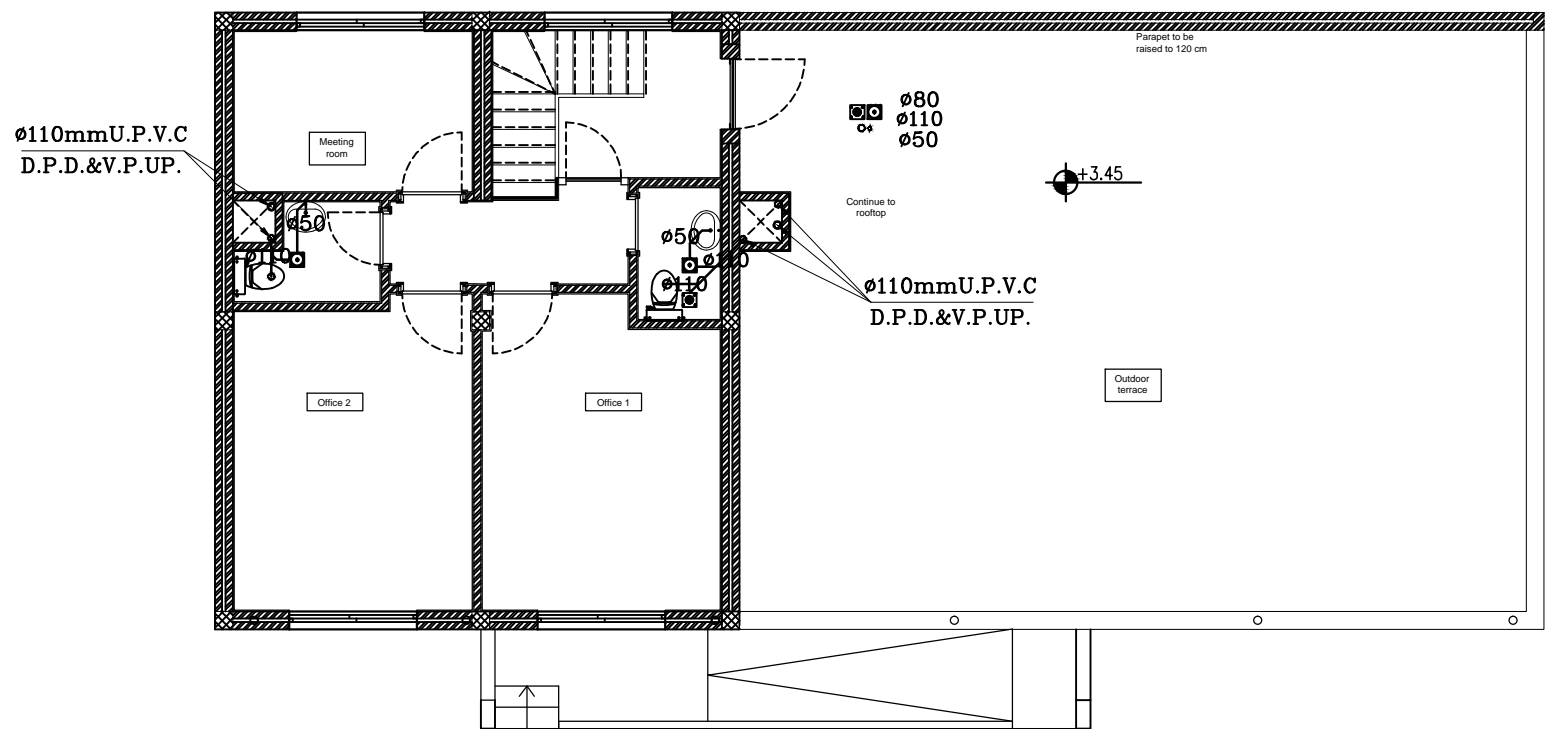


Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:

**DRAIN SYSTEM FOR  
Ground floor**



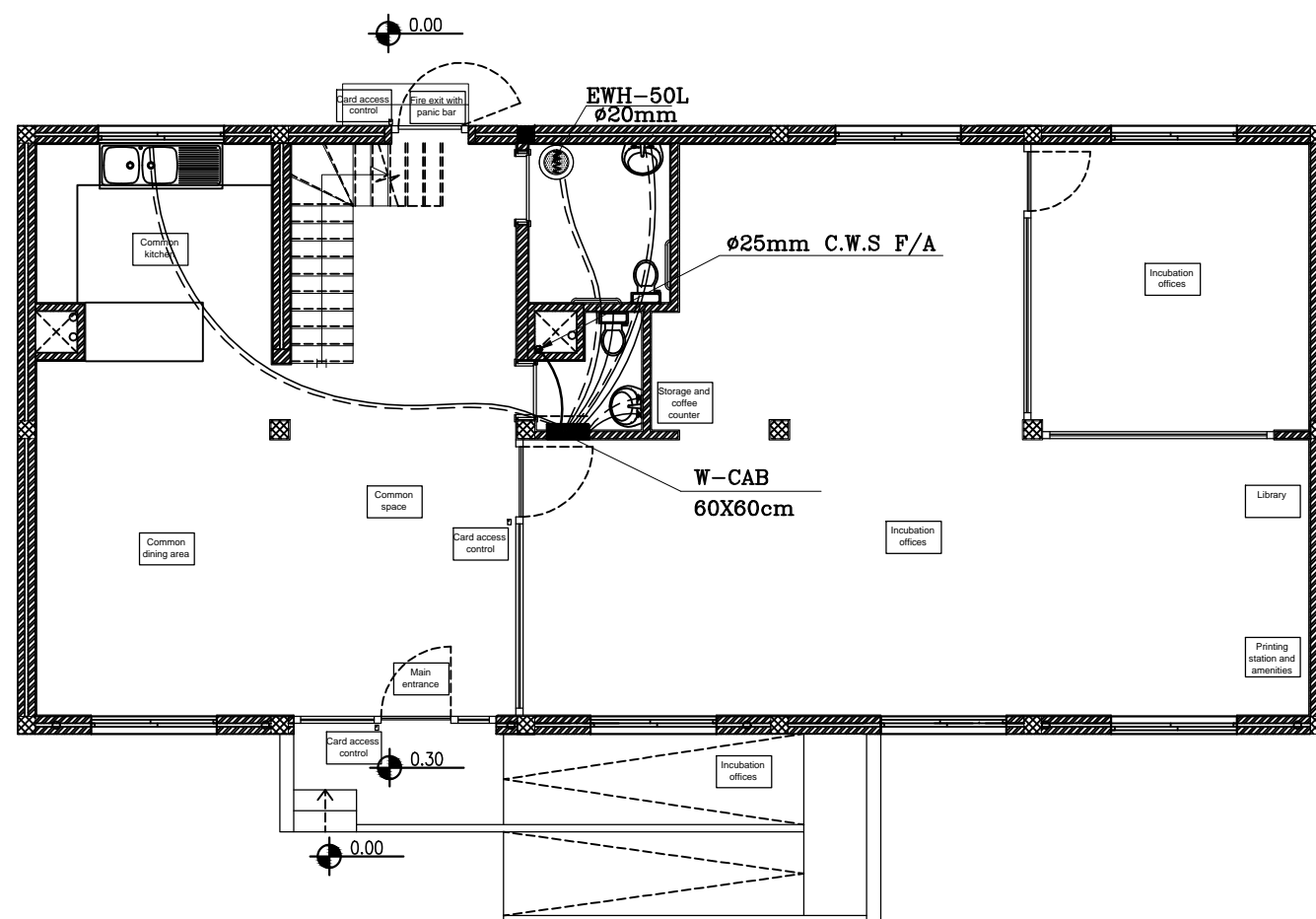
FIRST FLOOR PLAN



Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:  
  
DRAIN SYSTEM FOR  
First floor



GROUND FLOOR PLAN

LEGEND & NOTES

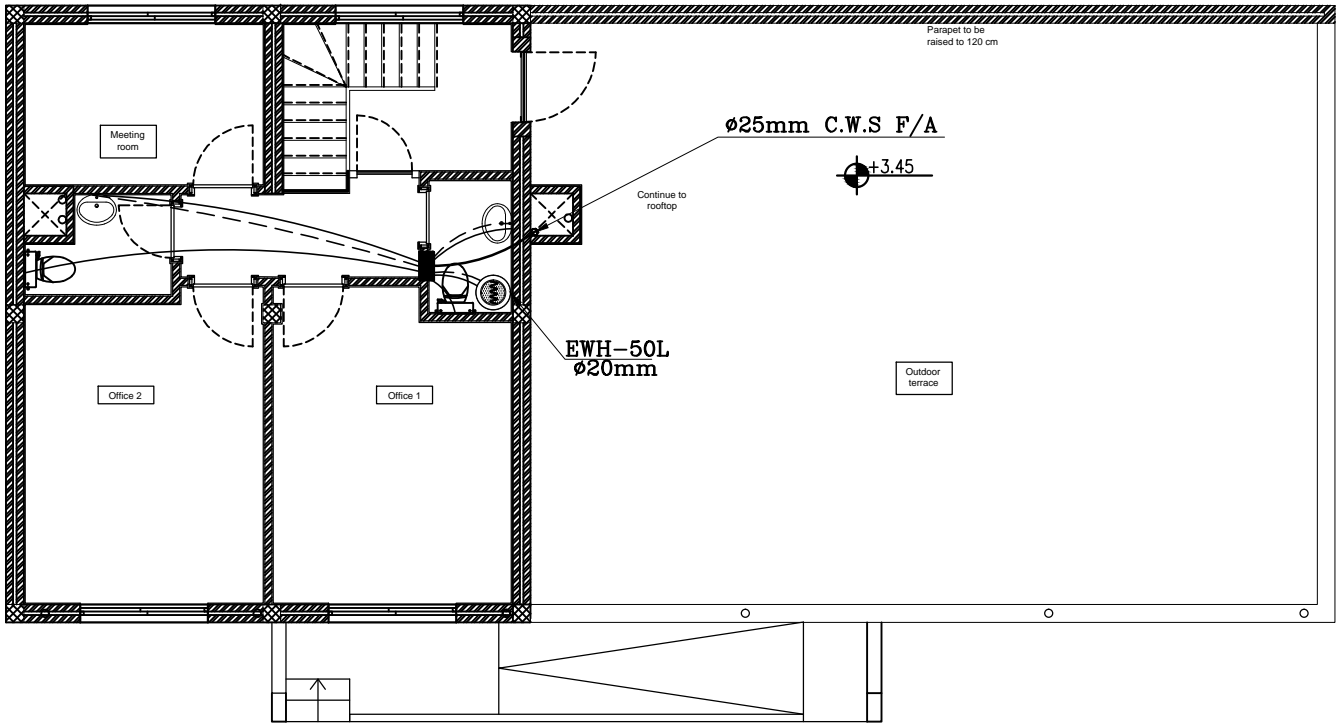


Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:  
**WATER SYSTEM FOR  
Ground floor**

Scale: 1/100	Sheet No.	M-03
Date: 8/2015		



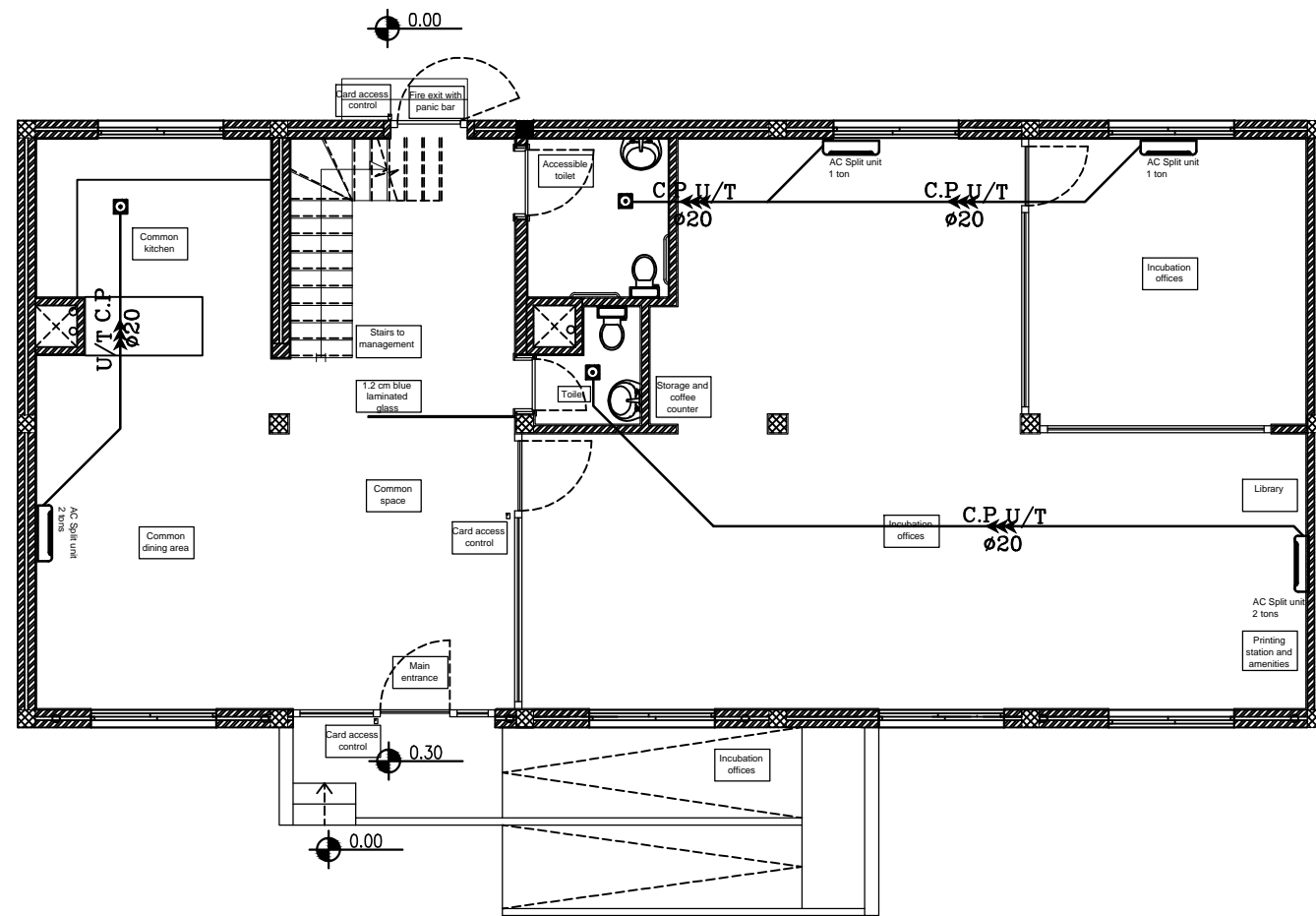
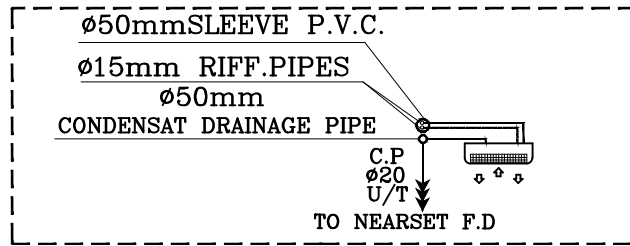
FIRST FLOOR PLAN



Project Name :  
Heart of Amman project  
**Ras Alain social  
incubation offices**

Plot umber 364

Drawing title:  
**WATER SYSTEM FOR  
First floor**



GROUND FLOOR PLAN

LEGEND & NOTES



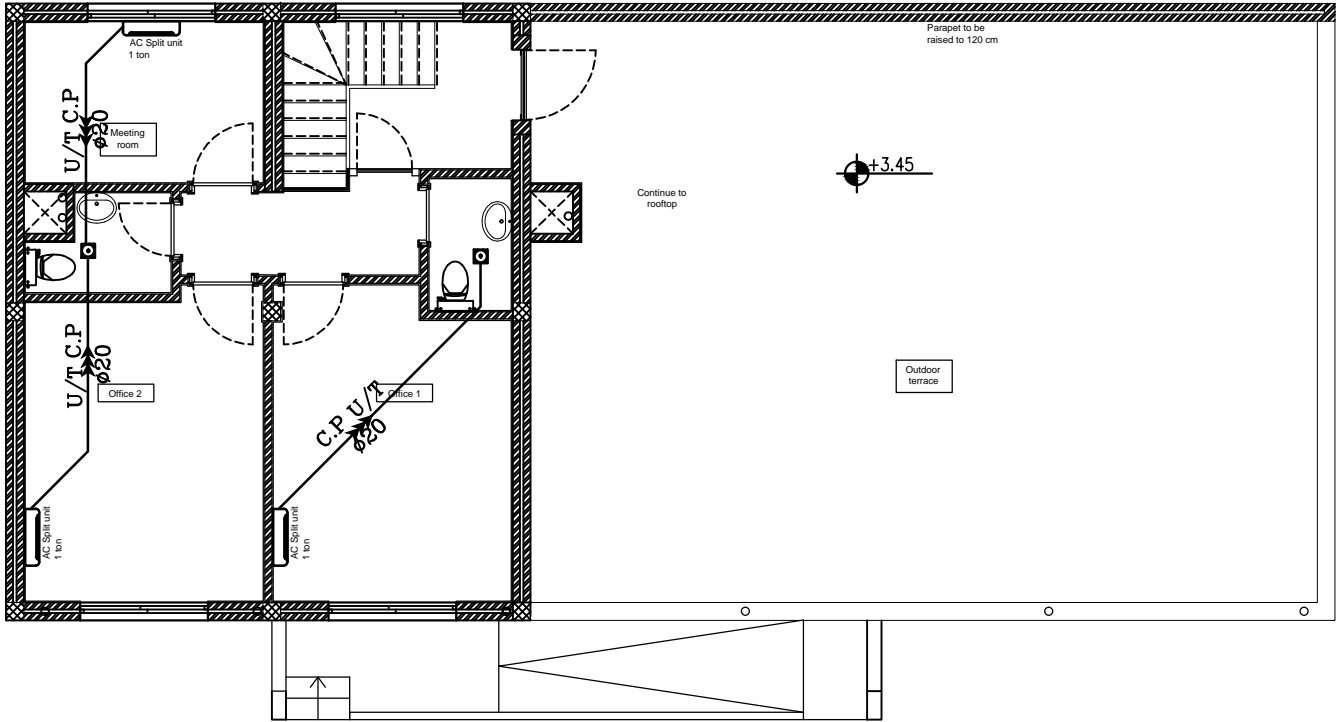
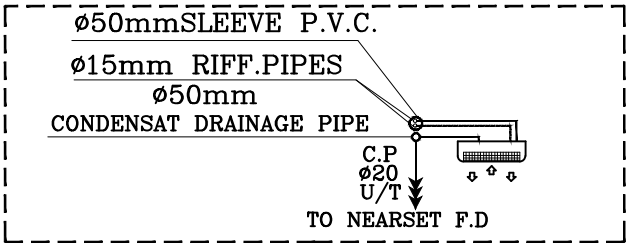
Project Name :  
 Heart of Amman project  
**Ras Alain social  
 incubation offices**

Plot umber 364

Drawing title:

**A/C SYSTEM FOR  
 Ground floor**

Scale: 1/100	Sheet No.	M-05
Date: 8/2015		



FIRST FLOOR PLAN

LEGEND & NOTES



Project Name :  
Heart of Amman project  
Ras Alain social  
incubation offices

Plot umber 364

Drawing title:

A/C SYSTEM FOR  
First floor