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من نحن ؟

نحن شركة هندسية متكاملة الخدمات متخصصة في تصميم
المباني التجارية و السكنية

يعمل فريقنا من المهندسين المعماريين و المهندسين معاً
لإنشاء تصميمات مبتكرة و عملية تلبى احتياجات عملائنا
لقد أنجزنا العديد من المشاريع ، بما في ذلك المستشفيات
و الفنادق و المباني السكنية . تلتزم شركتنا بتقديم خدمة
استثنائية و تصنيع عالي الجودة لعملائنا



رؤيتنا

رؤيتنا هي أن نكون شركة هندسية رائدة تقدم حلولاً مبتكرة و مستدامة
للتحديات المعقدة

نحن نسعى جاهدين للإعتراف بخبرتنا الفنية و خدمة العملاء
الاستثنائية و الالتزام بالإشراف البيئي

هدفنا هو خلق مستقبل أفضل لعملائنا و موظفينا و مجتمعاتنا من
خلال تقديم مشاريع عالية الجودة تتجاوز التوقعات . و سوف نحقق
ذلك من خلال تعزيز ثقافة التعاون و التعلم المستمر و الابتكار

تتمثل رؤيتنا في أن نكون شريكاً موثقاً لعملائنا
، و مكاناً رائعاً للعمل لموظفينا ،
و عضواً مسؤولاً في المجتمعات التي نخدمها



خدماتنا

القسم التخطيط

تحميل مدن
تصميم تخطيط
نقل و مرور
اعادة تخطيط و تطوير
تخطيط اقليمي
تنسيق مواقع

القسم الميكانيكا

مخططات تغذية
مخططات صرف صحي
مخططات صرف مطر
مخططات تكييف
مخططات غاز
مخططات ري الحدائق

القسم الكهرباء

توزيع انارة
توزيع افياش
انظمة التيار الخفيف
احمال التكييف
جداول الاحمال
الكهربائية

القسم الانشائي

تسليح مساقط أفقية
نوتة حسابية
تصميم منشآت معدنية
تصميم خرسانية سابقة
الصب

القسم المعماري

تصميم معماري
تصميم حدائق
تصميم فنادق
تصميم مدارس
تصميم مباني تجارية

قسم الإشراف

اشراف و تنفيذ
استلام البنود

قسم المكتب الفني

مخططات تنفيذية
مخططات Asbuilt
حصر كميات
جدول زمني
مستخلصات

إظهار معماري

تصميم داخلي
تصميم واجهات

دفاع مدني

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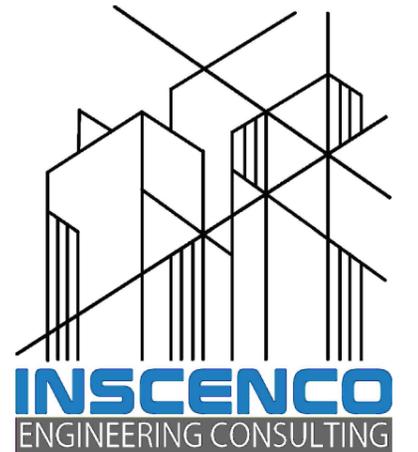
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LIGHTING



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Saudi Arabia, Riyadh, Al-Hamra District, Building 12

PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME			
SHEET NO.			
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

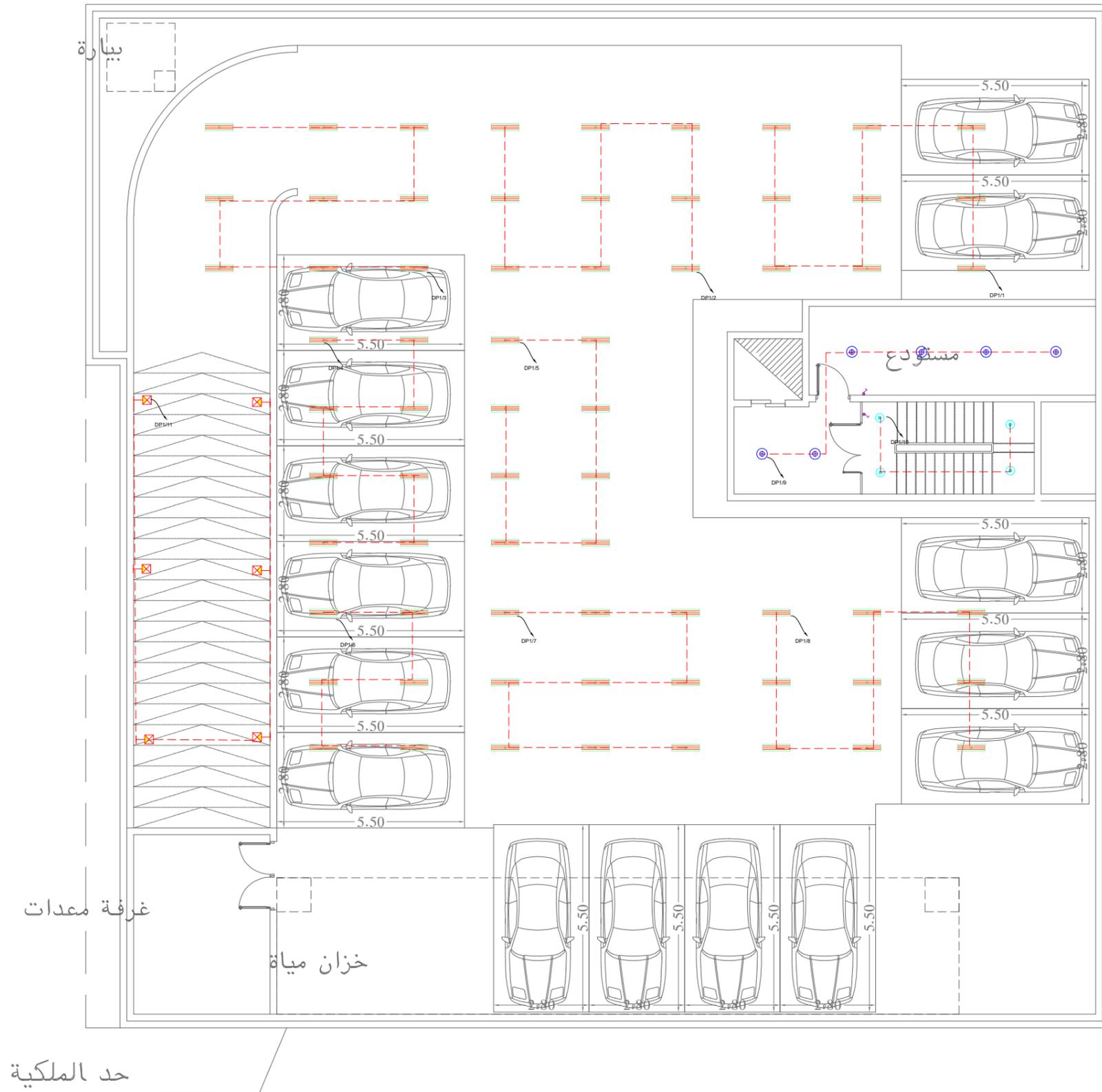
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



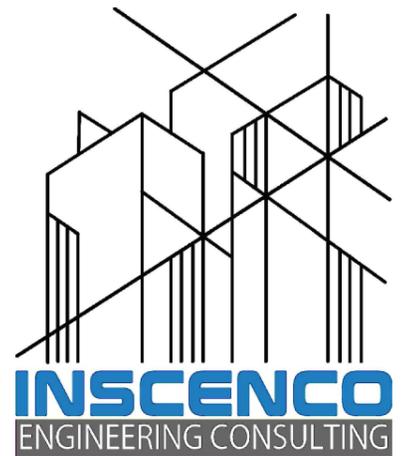
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IMG	SYMBOLS	DESCRIPTION
LIGHTING FIXTURES		
F1		SUBMERSIBLE TUBULAR STRIP LIGHTING TO ARCHITECT APPROVAL, SVA PER METER
F2		CHANDERLIER, 70W, LED LAMP 220V,60HZ
F3		CHANDERLIER, 40W, LED LAMP 220V,60HZ
		SURFACE MOUNTED WATER PROOF LUMINAIRE (20.5w) LED LAMP 220V,60HZ
		SURFACE MOUNTED LUMINAIRE (1x15 w) LED LAMP 220V,60HZ
		PHILIPS LuxSpace SURVAC MOUNTED POWER=40 watt
		PHILIPS LuxSpace SURVAC MOUNTED POWER=25 watt
		WALL/FENCE MOUNTED LUMINAIRE OUTDOOR (1x40W) LED LAMP 220V,60HZ,IP65
		SURFACE CEILING MOUNTED BATTEN LUMINAIRE, (39 W,4000 lm) LAMP,220V,60HZ,IP65
		OUTDOOR WALL MOUNTED FIXTURE, FOR FENCES & STREET 40 W
		SURFAC MOUNTED LED LIGHTING P=20.5W
		DISTRIBUTION PANEL BOARD.
		220V, 13A , ONE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A , TWO GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A , THREE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A , ONE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A , TWO GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A ,THREE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
		MAIN DISTRIBUTION BOARD.
		ELECTRIC FAN



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PROJECT	شقق مخدمة (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	انارة البيدروم	
SHEET NO.	1	
DISTRICT.	LAND NO.	BLOCK NO.
العقبة	393	أب/1863

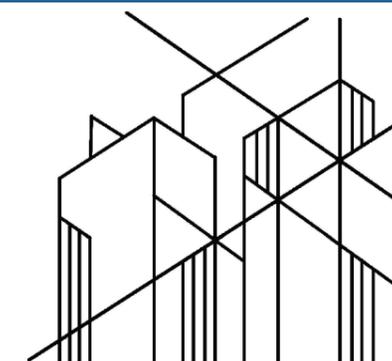
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4	
Architect	OMAR AL-SAMAHY – AHMED MOAMEN	
Structure	FETOUH MOHAMMED - MANAR MOHAMMED	
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL	
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD	





NO	SYMBOLS	DESCRIPTION
LIGHTING FIXTURES		
F1	---	SUBMERSIBLE TUBULAR STRIP LIGHTING TO ARCHITECT APPROVAL, 5VA PER METER
F2	☀	CHANDERLIER, 70W, LED LAMP 220V,60HZ
F3	☀	CHANDERLIER, 40W, LED LAMP 220V,60HZ
	⊙	SURFACE MOUNTED WATER PROOF LUMINAIRE (20.5m) LED LAMP 220V,60HZ
	⊙	SURFACE MOUNTED LUMINAIRE (1x15 w) LED LAMP 220V,60HZ
	⊕	PHILIPS LuxSpace SURVAC MOUNTED POWER=40 watt
	⊕	PHILIPS LuxSpace SURVAC MOUNTED POWER=25 watt
	⊕	WALL/FENCE MOUNTED LUMINAIRE OUTDOOR (1x40W) LED LAMP 220V,60HZ ,IP65
	⊕	SURFACE CEILING MOUNTED BATTEN LUMINAIRE, (39 W,4000 lm) LAMP,220V,60HZ,IP65
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	⊕	SURFAC MOUNTED LED LIGHTING P=20.5W
	⊕	DISTRIBUTION PANEL BOARD.
	⊕	220V, 13A , ONE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , TWO GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , THREE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , ONE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , TWO GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , THREE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	MAIN DISTRIBUTION BOARD.
	⊕	ELECTRIC FAN



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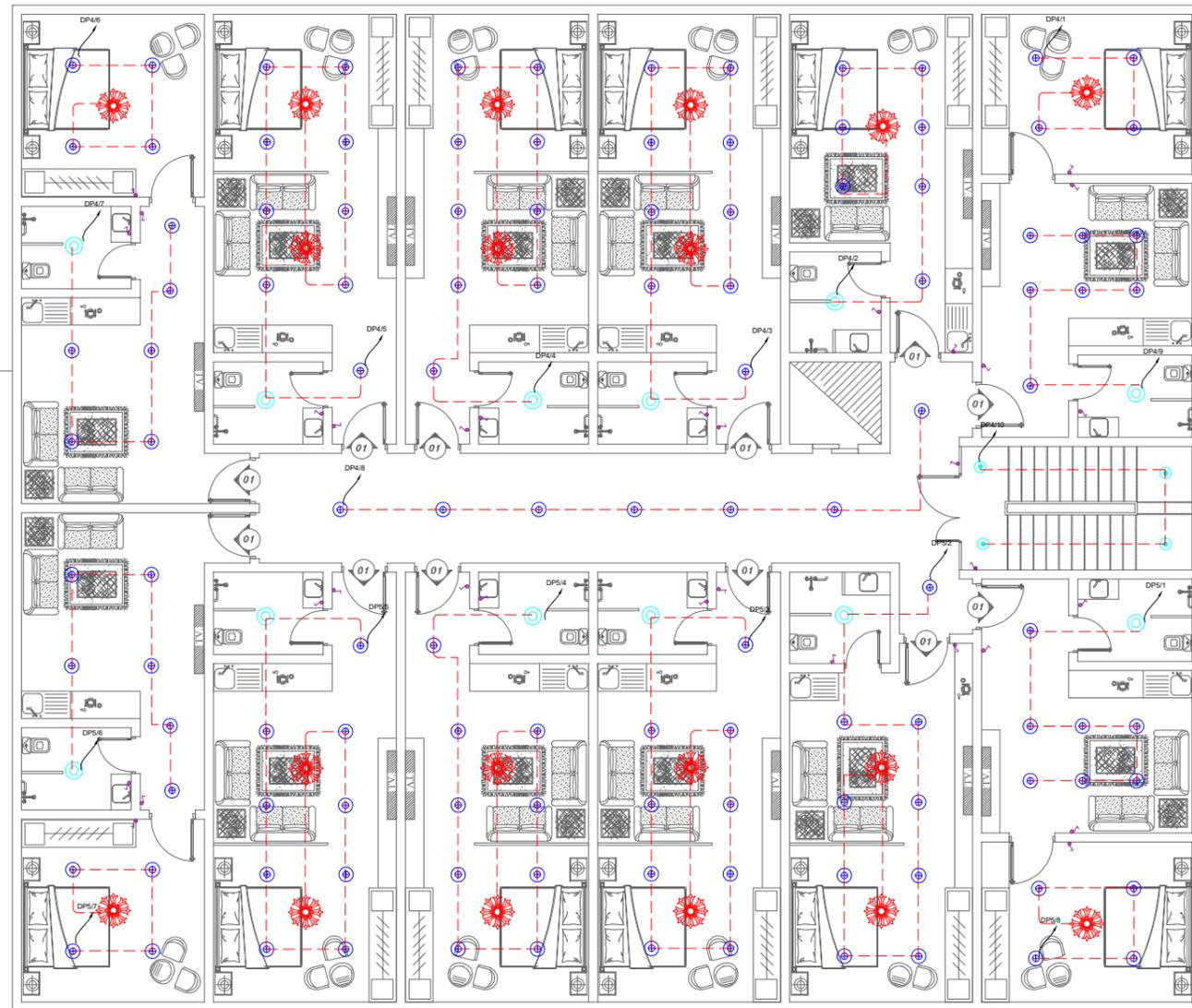
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Saudi Arabia, Riyadh, Al-Hamra District, Building 12

PROJECT	شقق مخدومة (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	إنارة الدور الأرضي	
SHEET NO.	2	
DISTRICT.	LAND NO.	BLOCK NO.
العتيق	393	أب/1863

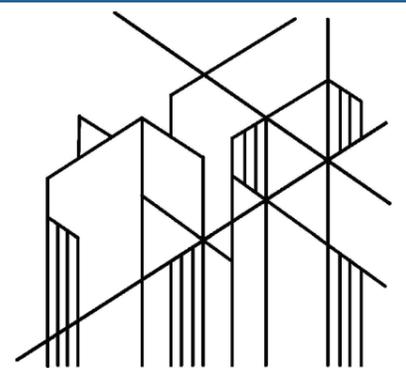
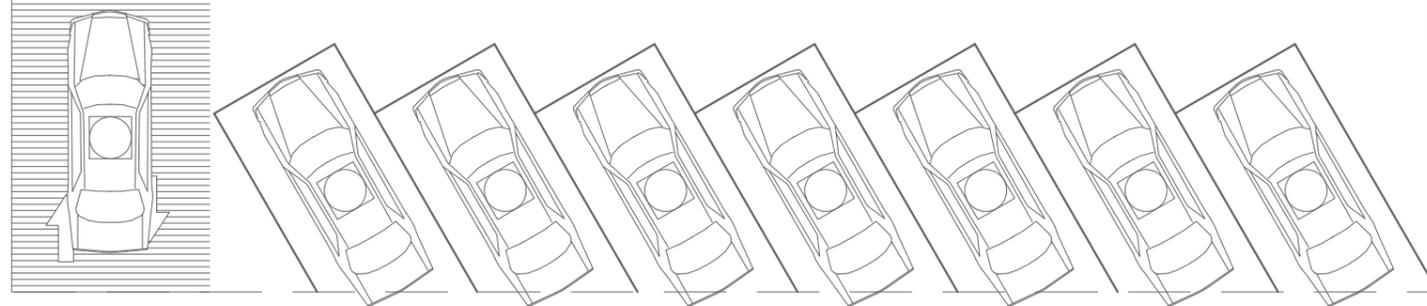
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4	
Architect	OMAR AL-SAMAHY – AHMED MOAMEN	
Structure	FETOUH MOHAMMED - MANAR MOHAMMED	
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL	
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD	





MG	SYMBOLS	DESCRIPTION
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F1		SUBMERSIBLE TUBULAR STRIP LIGHTING TO ARCHITECT APPROVAL, 5VA PER METER
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		MAIN DISTRIBUTION BOARD.
		ELECTRIC FAN



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PROJECT	شقق مخدومة (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	انارة السدورالاول	
SHEET NO.	3	
DISTRICT.	LAND NO.	BLOCK NO.
العقیق	393	أب/1863

SHEET INFORMATION

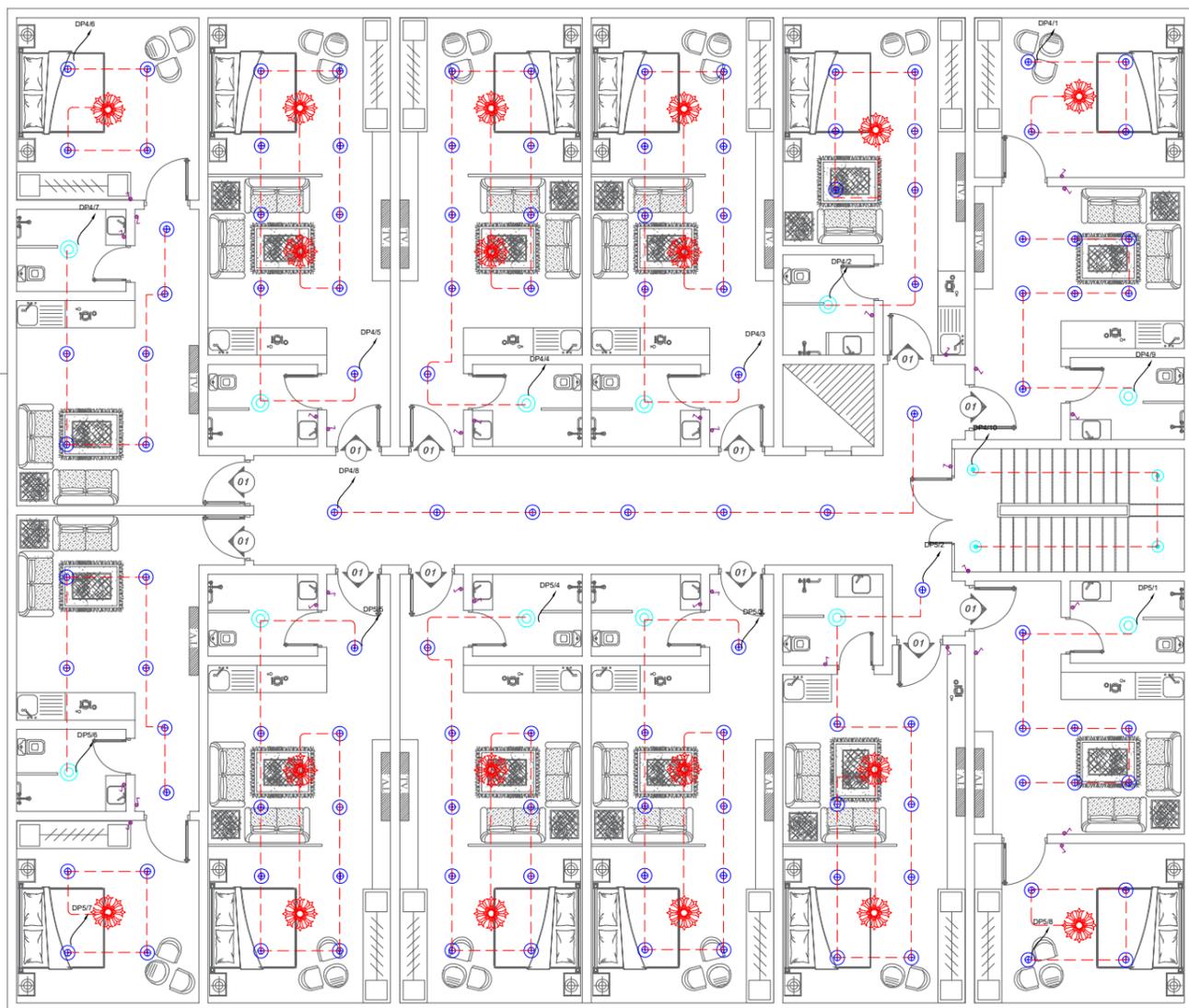
ID/ System	ZONE-CC-2025-02-27-4	
Architect	OMAR AL-SAMAHY – AHMED MOAMEN	
Structure	FETOUH MOHAMMED - MANAR MOHAMMED	
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL	
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD	



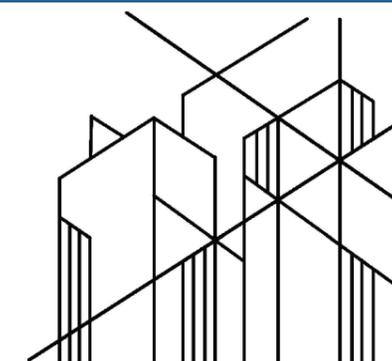
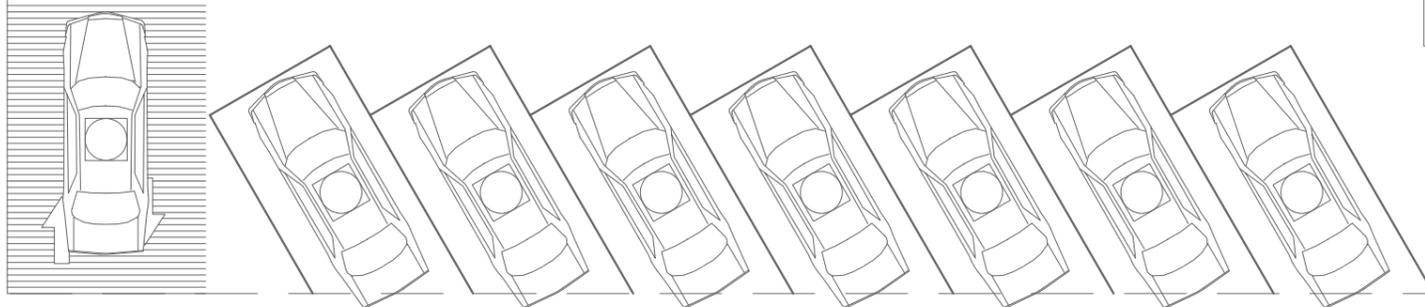
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		ELECTRIC FAN



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	إنارة الدور الثاني		
SHEET NO.	4		
DISTRICT.	LAND NO.	BLOCK NO.	
العقبة	393	أب/1863	

SHEET INFORMATION

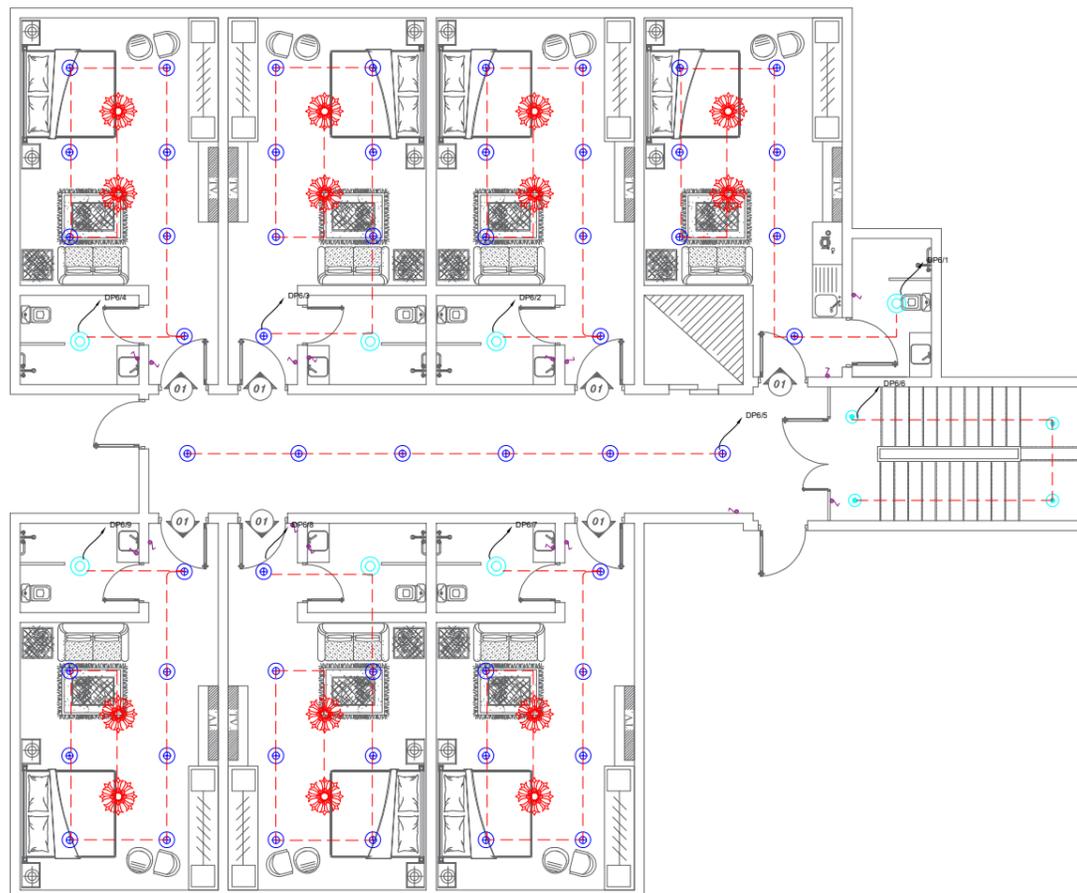
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



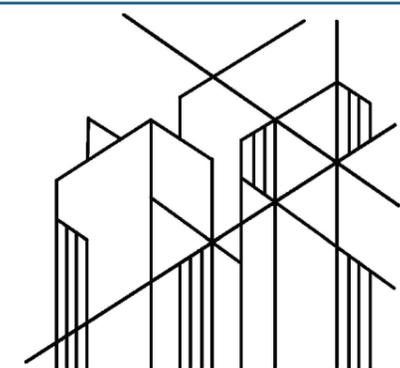
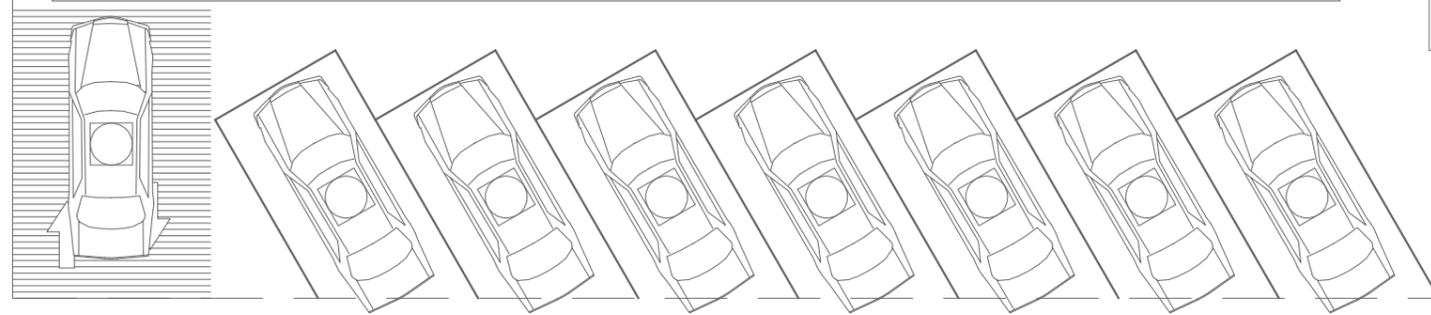
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IMG	SYMBOLS	DESCRIPTION
LIGHTING FIXTURES		
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	⌚	MAIN DISTRIBUTION BOARD.
	⌚	ELECTRIC FAN



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PROJECT	شقق مخدمه (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	انارة الدورالثالث	
SHEET NO.	5	
DISTRICT.	LAND NO.	BLOCK NO.
العقیق	393	أب/1863

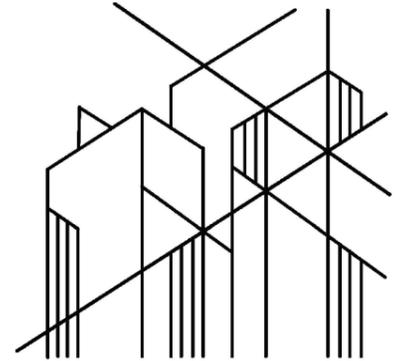
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4	
Architect	OMAR AL-SAMAHY – AHMED MOAMEN	
Structure	FETOUH MOHAMMED - MANAR MOHAMMED	
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL	
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD	





SOCKET



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME			
SHEET NO.			
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

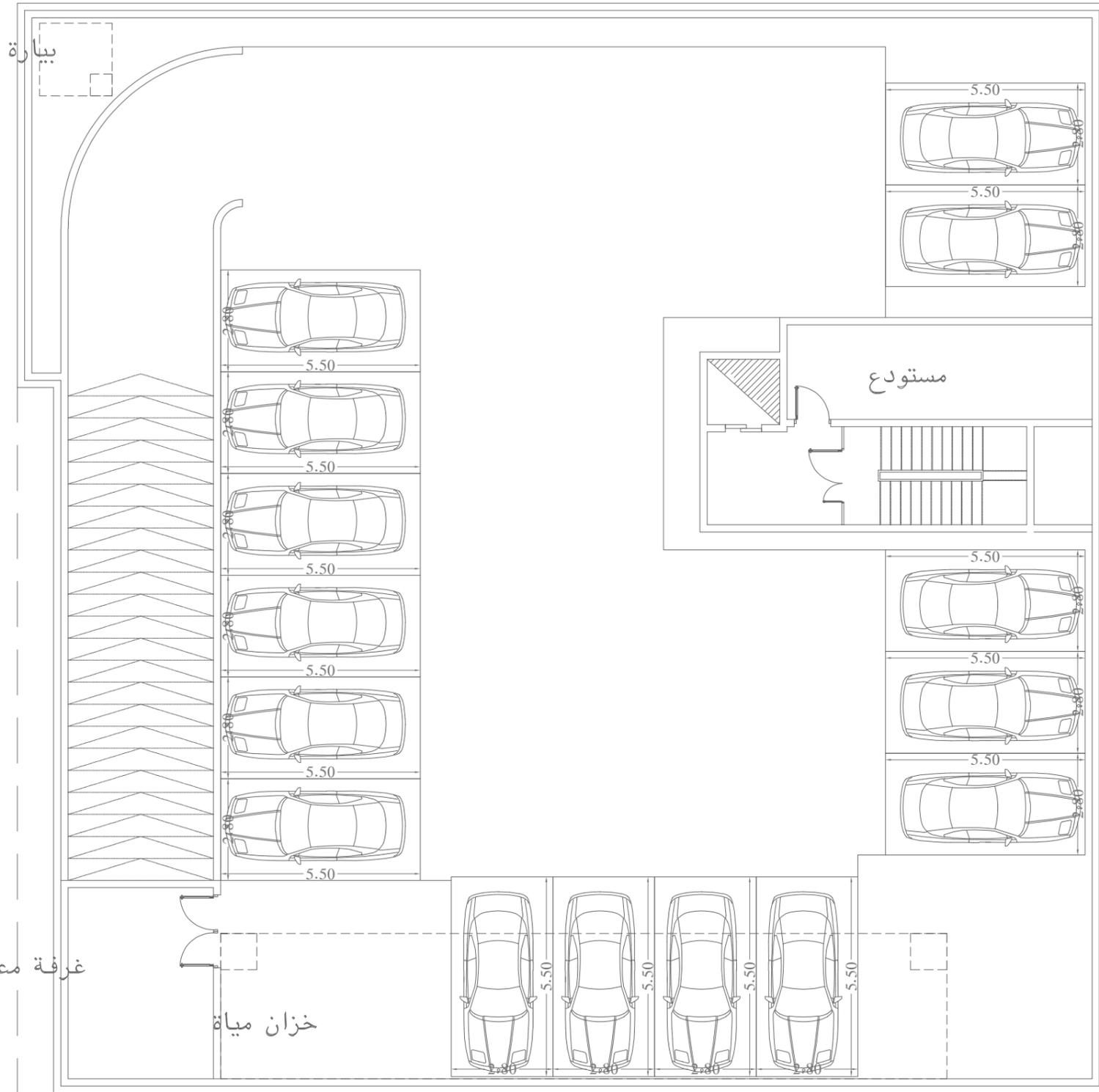
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
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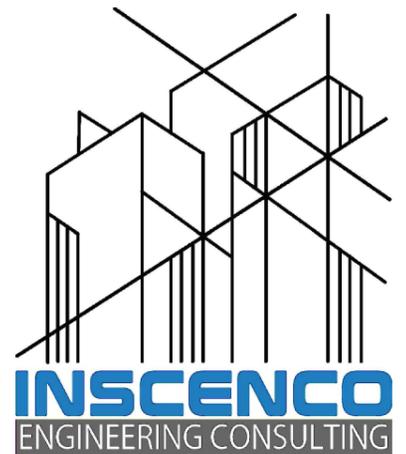
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SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPLIT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUST FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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Saudi Arabia, Riyadh, Al-Hamra District, Building 12

PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	مسوكت البندروم		
SHEET NO.	6		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		



غرفة معدات

خزان مياه

حد الملكية



SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPILT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUST FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	سوكت الدور الارضي		
SHEET NO.	7		
DISTRICT.	LAND NO.	BLOCK NO.	
العقيق	393	أب/1863	

SHEET INFORMATION

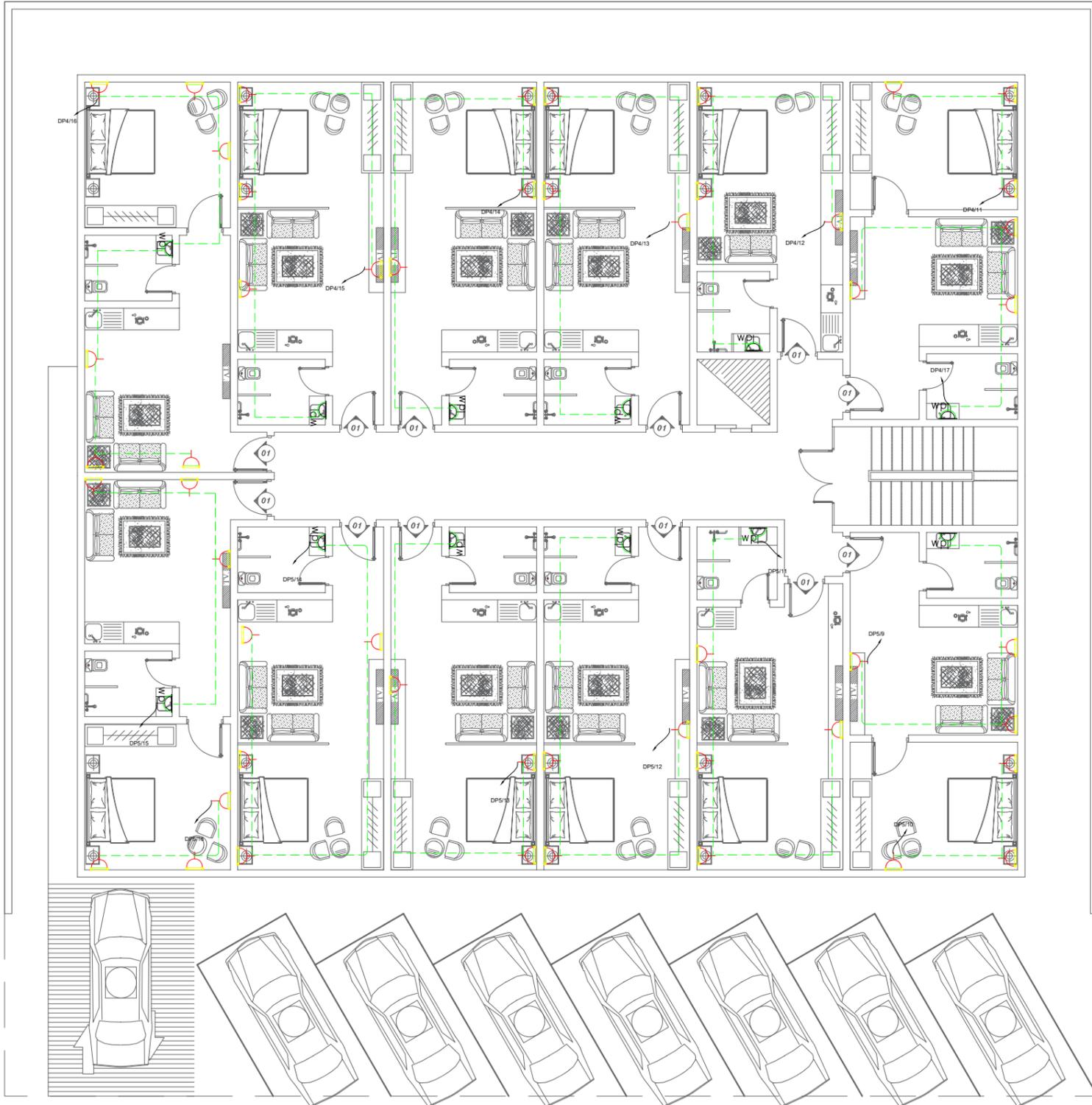
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		



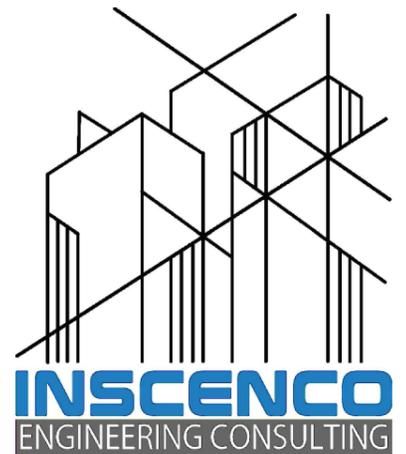
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SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPLIT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUT FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT	شقق مخدومة (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	سوكت الدور الاول	
SHEET NO.	8	
DISTRICT.	LAND NO.	BLOCK NO.
العقيق	393	أب/1863

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4	
Architect	OMAR AL-SAMAHY – AHMED MOAMEN	
Structure	FETOUH MOHAMMED - MANAR MOHAMMED	
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL	
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD	



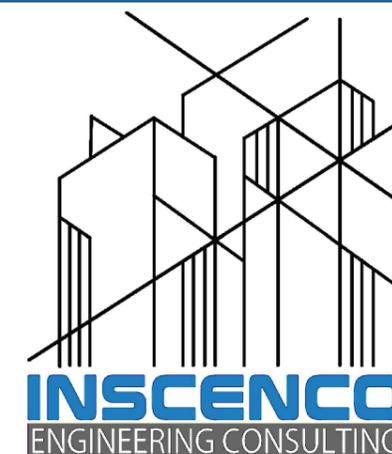
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SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPILT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch soket to EXHOUST FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



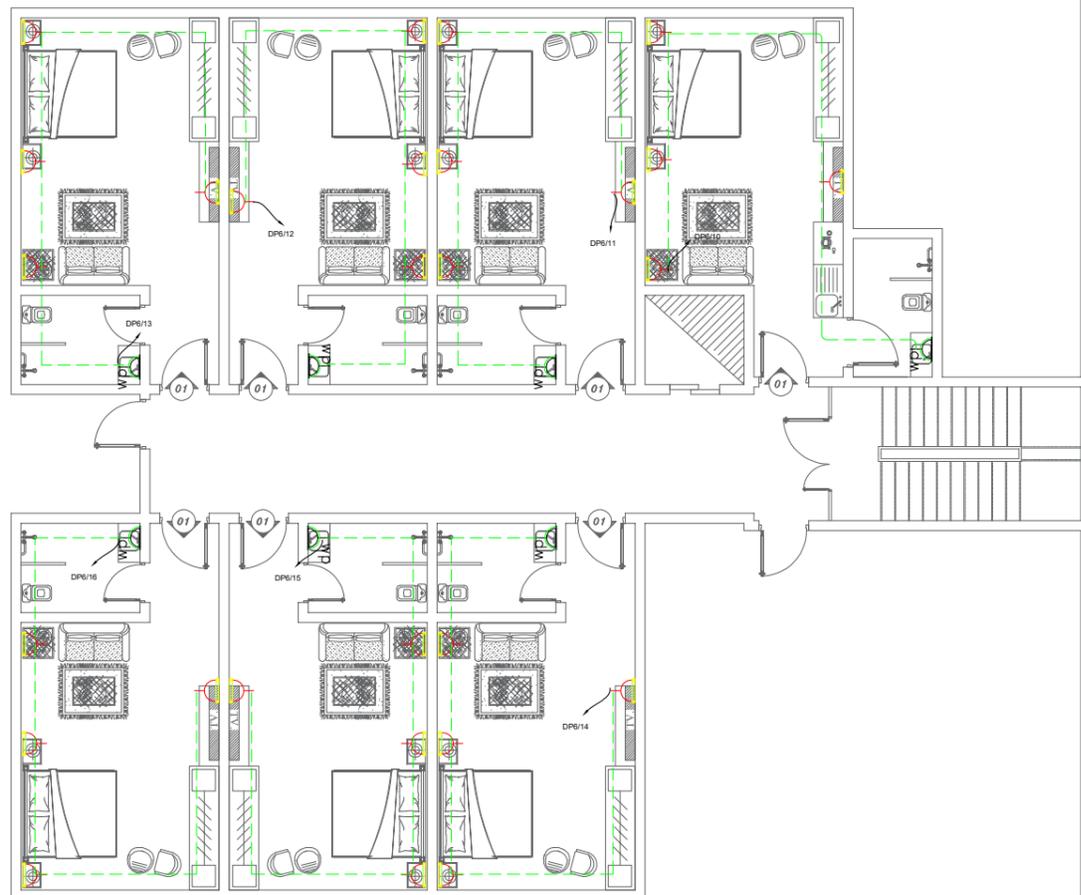
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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	سوكت الدور الثاني		
SHEET NO.	9		
DISTRICT.	LAND NO.	BLOCK NO.	
العقبة	393	أب/1863	

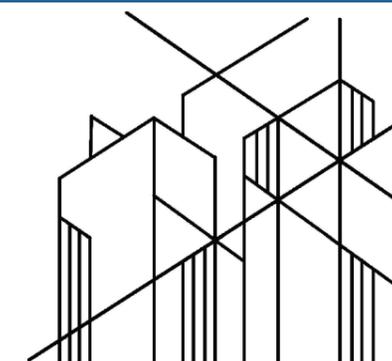
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		





SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPLIT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUST FAN
	SOCKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	سوكت الدور الثالث		
SHEET NO.	10		
DISTRICT.	LAND NO.	BLOCK NO.	
العقبة	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		





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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME			
SHEET NO.			
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

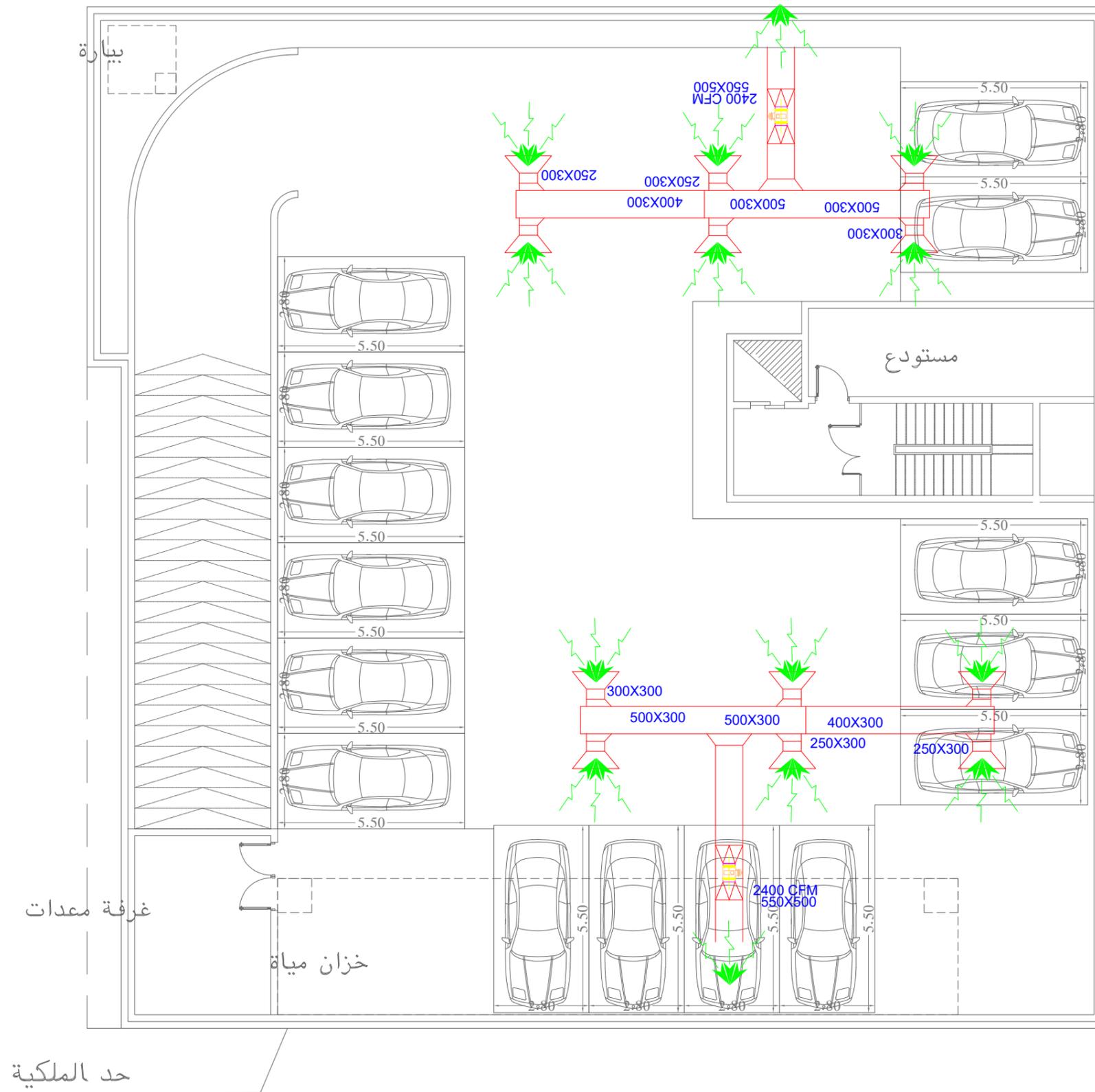
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



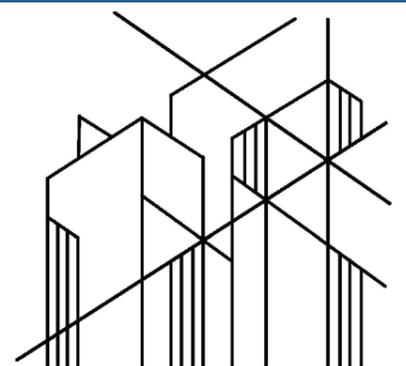
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SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPLIT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUT FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	افيش قوى البندوم		
SHEET NO.	11		
DISTRICT.	LAND NO.	BLOCK NO.	
العقيق	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		



حد الملكية

غرفة معدات

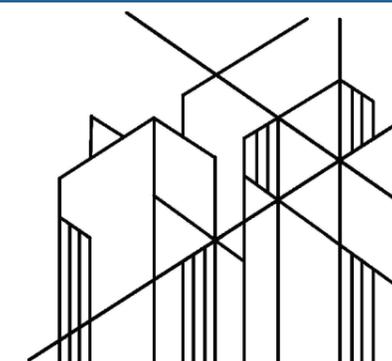
خزان مياه

مستودع

بيارة



SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPLIT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUT FAN
	SOCKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	افیاش قوی الدور الارضی		
SHEET NO.	12		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

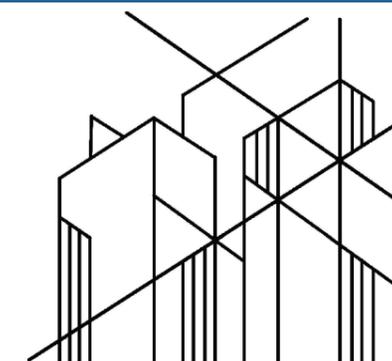
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		





SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPILT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch soket to EXHOUST FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT	شقق مخدمومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	افاش قوی الدورالاول		
SHEET NO.	13		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



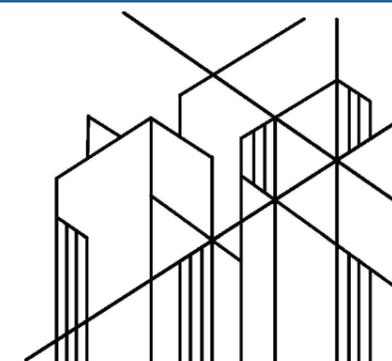
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SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPLIT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUT FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT	شقق مخدومة (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	افيش قوی الدور الثاني	
SHEET NO.	14	
DISTRICT.	LAND NO.	BLOCK NO.
العتيق	393	أب/1863

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4	
Architect	OMAR AL-SAMAHY - AHMED MOAMEN	
Structure	FETOUH MOHAMMED - MANAR MOHAMMED	
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL	
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD	



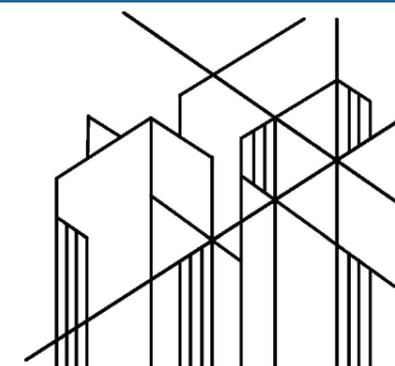
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SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A, 230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A, 230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPLIT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUST FAN
	SOCKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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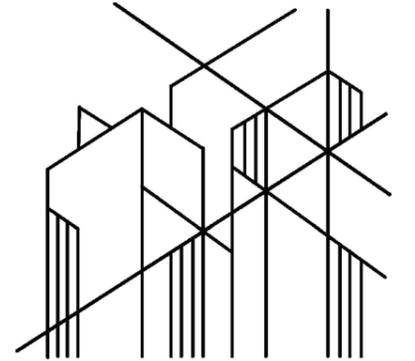
PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	افيش قوى الدور الثالث		
SHEET NO.	15		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME			
SHEET NO.			
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

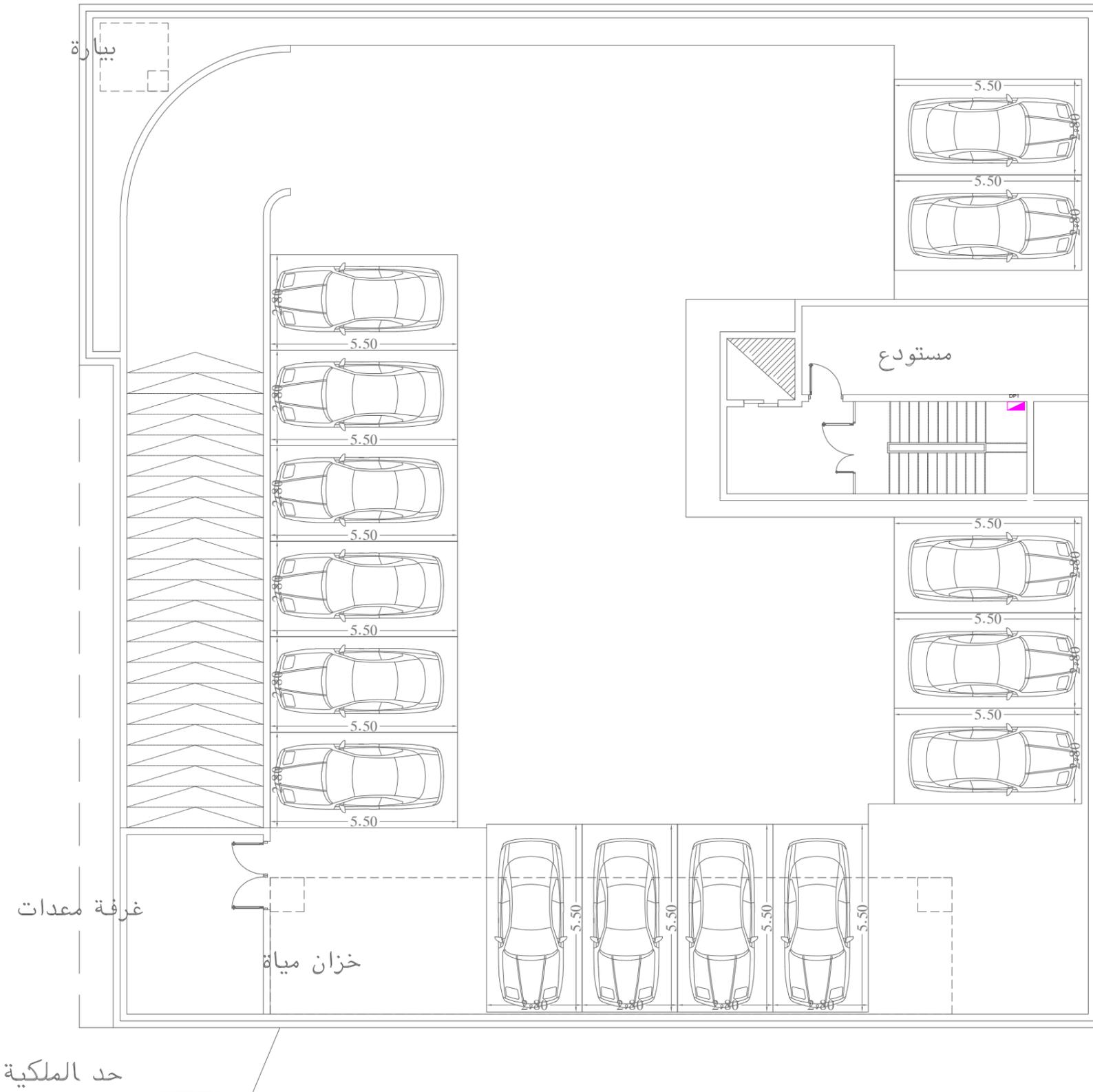
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



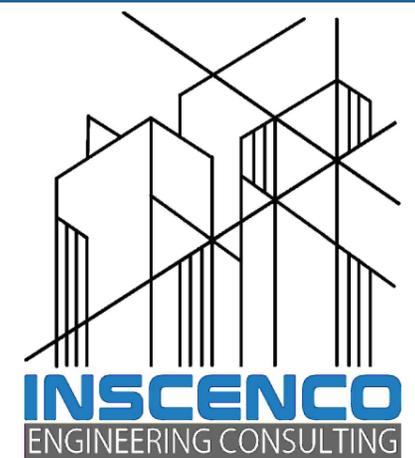
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SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED.
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPLIT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUST FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



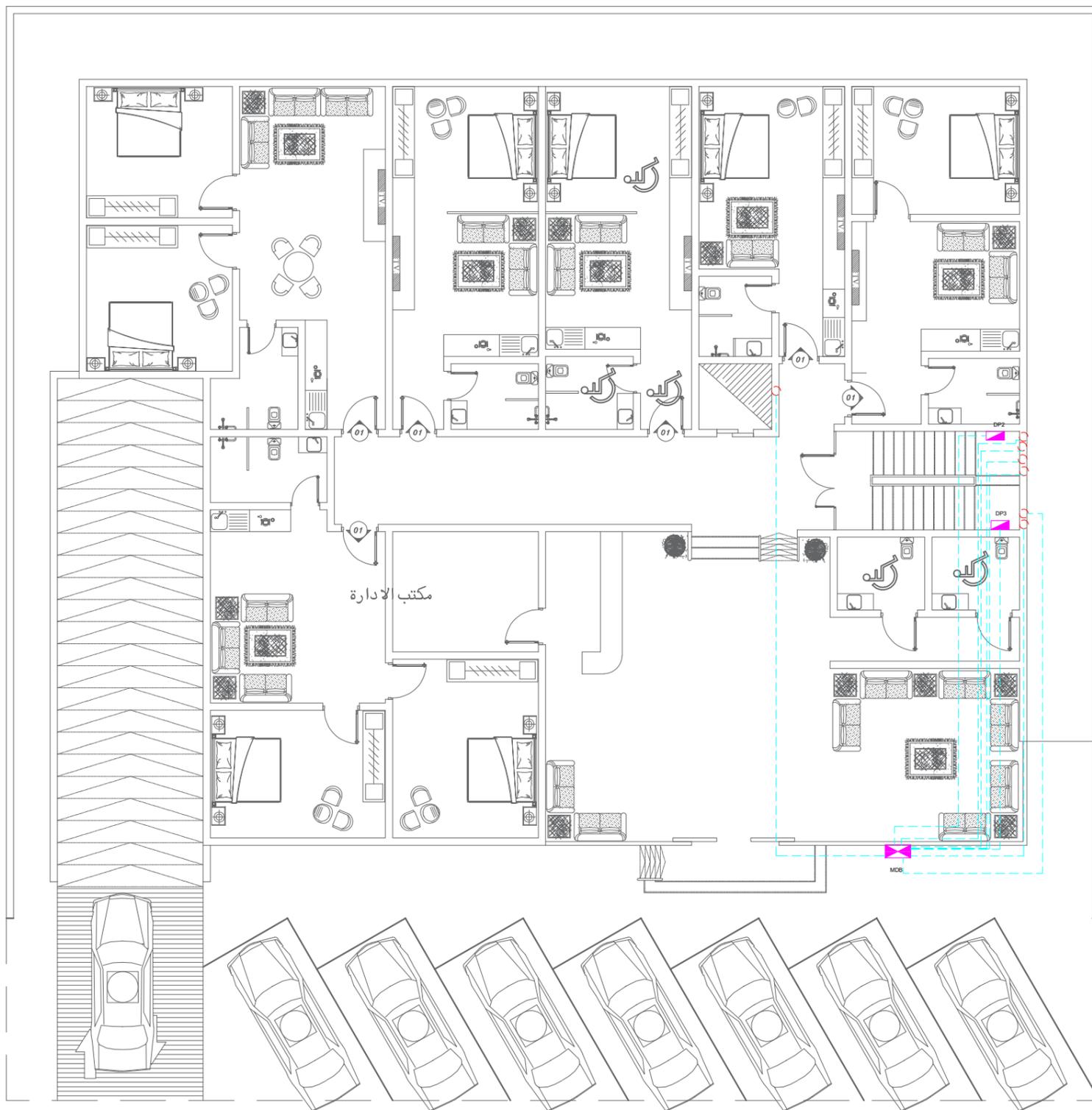
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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	اللوحات الكهربائية للبدروم		
SHEET NO.	16		
DISTRICT.	LAND NO.	BLOCK NO.	
العتيق	393	أب/1863	

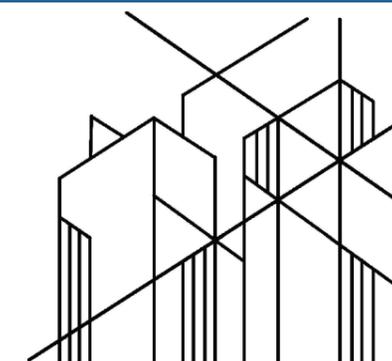
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		





SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPILT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUST FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	اللوحدات الكهربائية للدور الأرضي		
SHEET NO.	17		
DISTRICT.	LAND NO.	BLOCK NO.	
العقبة	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		



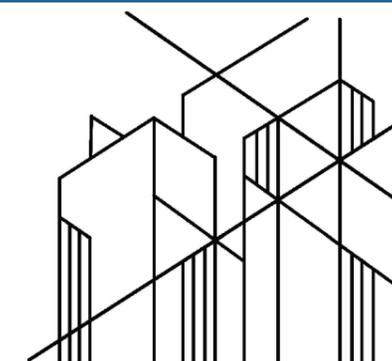
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SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPLIT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUST FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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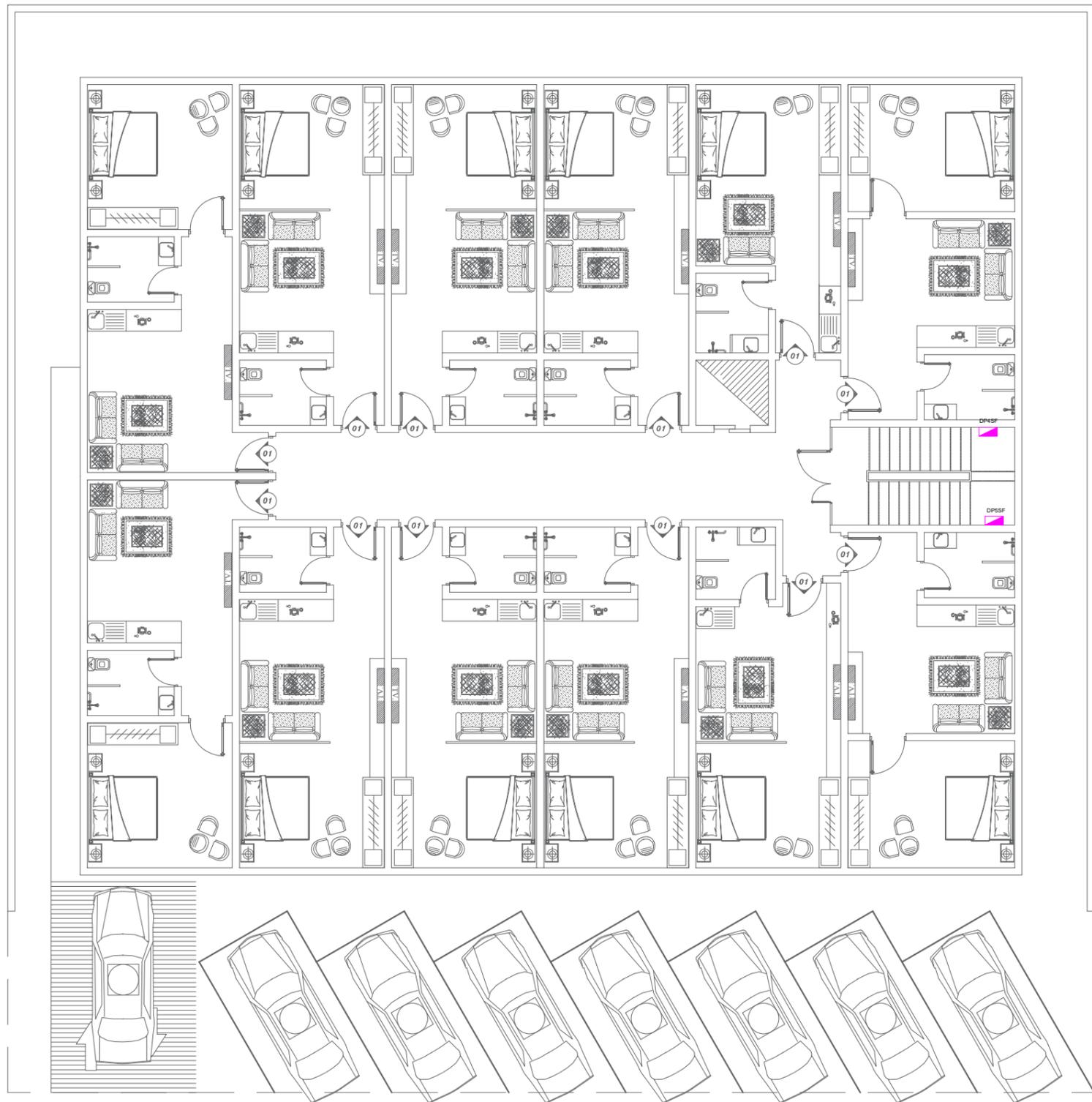
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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	اللوحات الكهربيه للسدورالاول		
SHEET NO.	18		
DISTRICT.	LAND NO.	BLOCK NO.	
العقبة	393	أب/1863	

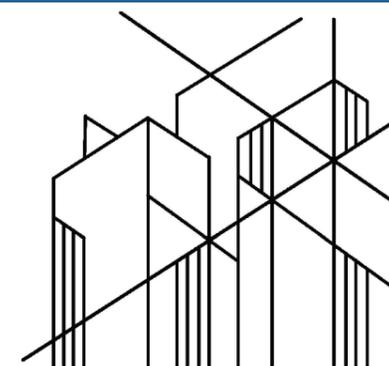
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		





SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPILT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUST FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT شقق مخدمه (فندق)

OWNER عبدالعزيز عبدالله على الزامل

DRAWING NAME اللوحات الكهربيه للسور الثاني

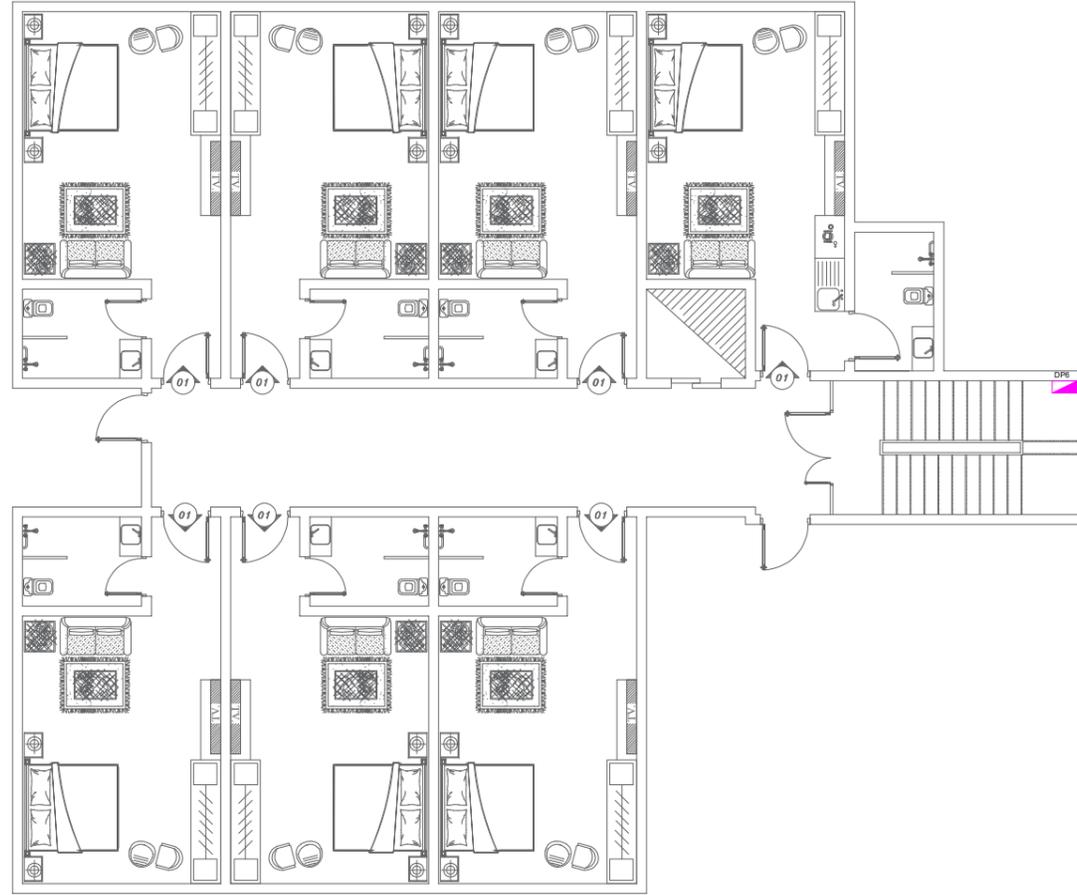
SHEET NO. 19

DISTRICT.	LAND NO.	BLOCK NO.
العقيق	393	أب/1863

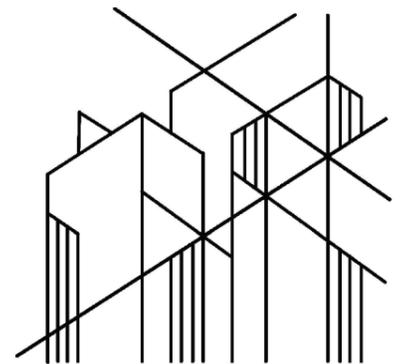
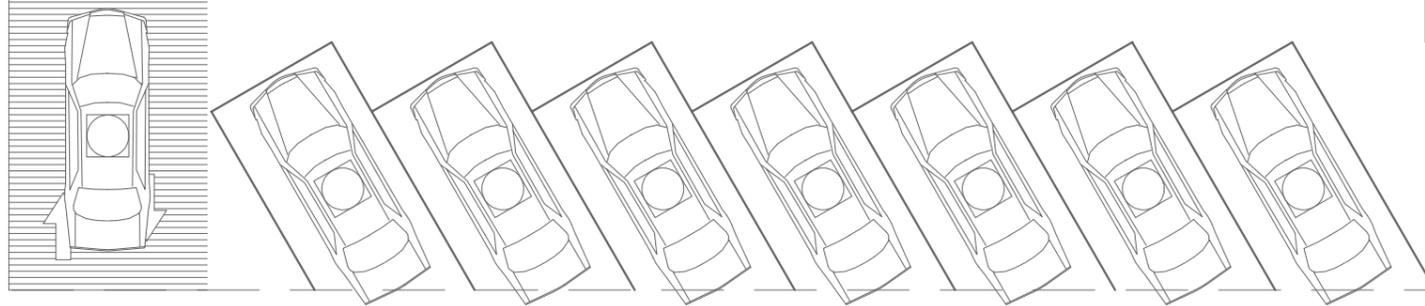
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4
Architect	OMAR AL-SAMAHY - AHMED MOAMEN
Structure	FETOUH MOHAMMED - MANAR MOHAMMED
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD





SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE PHASE, SINGLE RECEPTACLE 13A,230V SWITCHED
	POWER SOCKET SINGLE PHASE 20A,230V 250MM ABOVE WORK TOP LEVEL.
	WATER HEATER SWITCH
	SPILT UNIT SWITCH
	DISTRIBUTION PANEL BOARD.
	MAIN DISTRIBUTION BOARD.
	switch socket to EXHOUST FAN
	SOKET FOR COOKING HOB 2500 VA
	2P+E SINGLE SOCKET WATER PROOF (13A-230V UNLESS OTHERWISE INDICATED)
	DITTO BUT BUT MOUNTED ABOVE CEILING FOR TV OUTLET.



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PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	اللوحات الكهربيه للسورالتالث		
SHEET NO.	20		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		



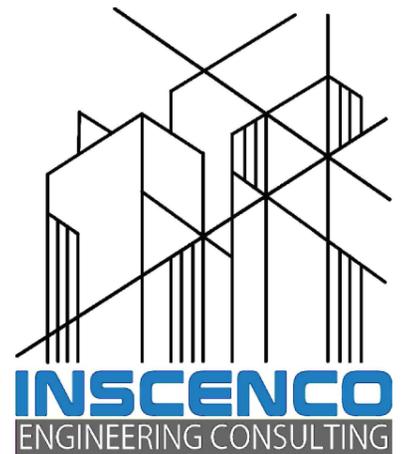
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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME			
SHEET NO.			
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

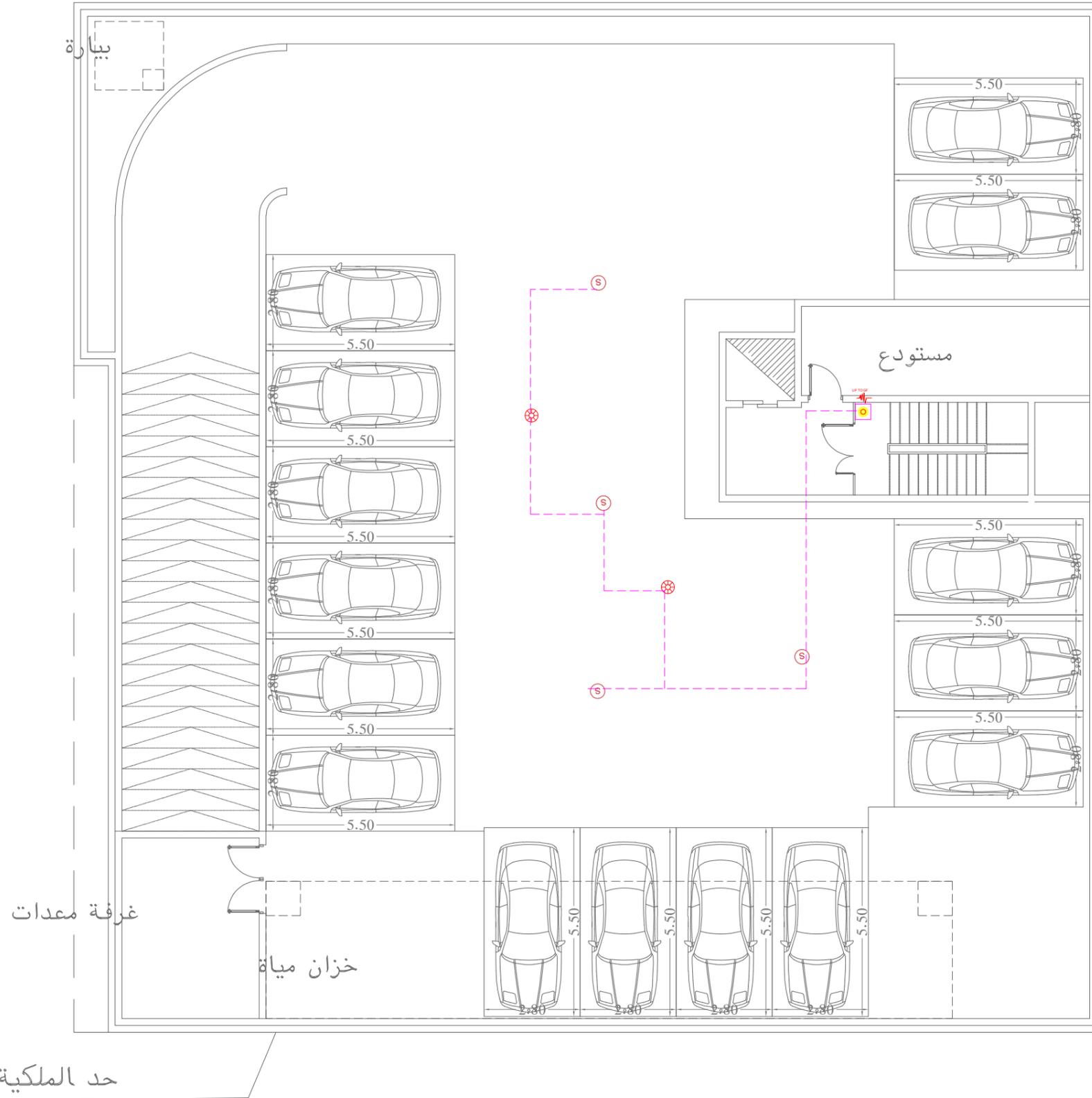
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



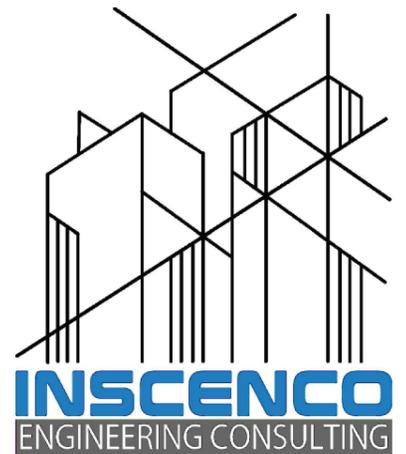
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SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEDECTOR
	HEAT DEDECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANCE



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	انذار حريق للبيدروم		
SHEET NO.	21		
DISTRICT.	LAND NO.	BLOCK NO.	
العقيق	393	أب/1863	

SHEET INFORMATION

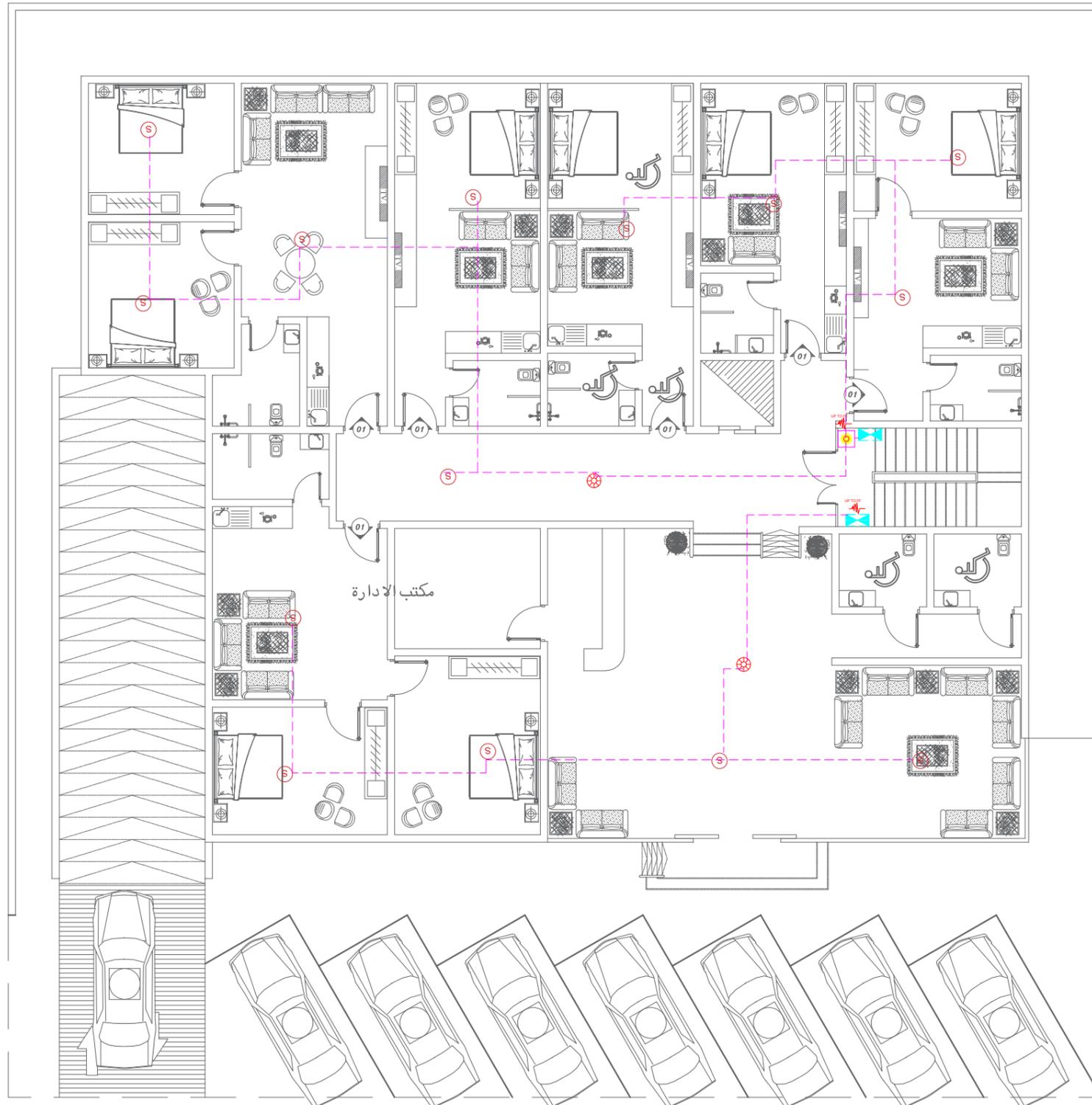
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



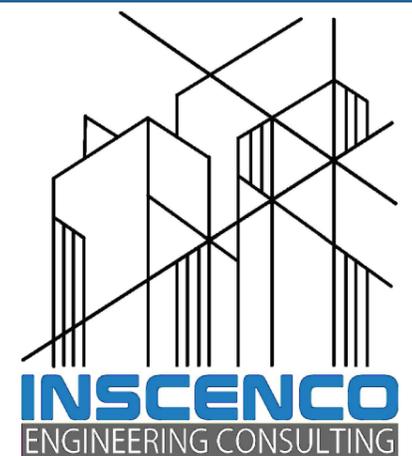
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SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEDECTOR
	HEAT DEDECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANSE



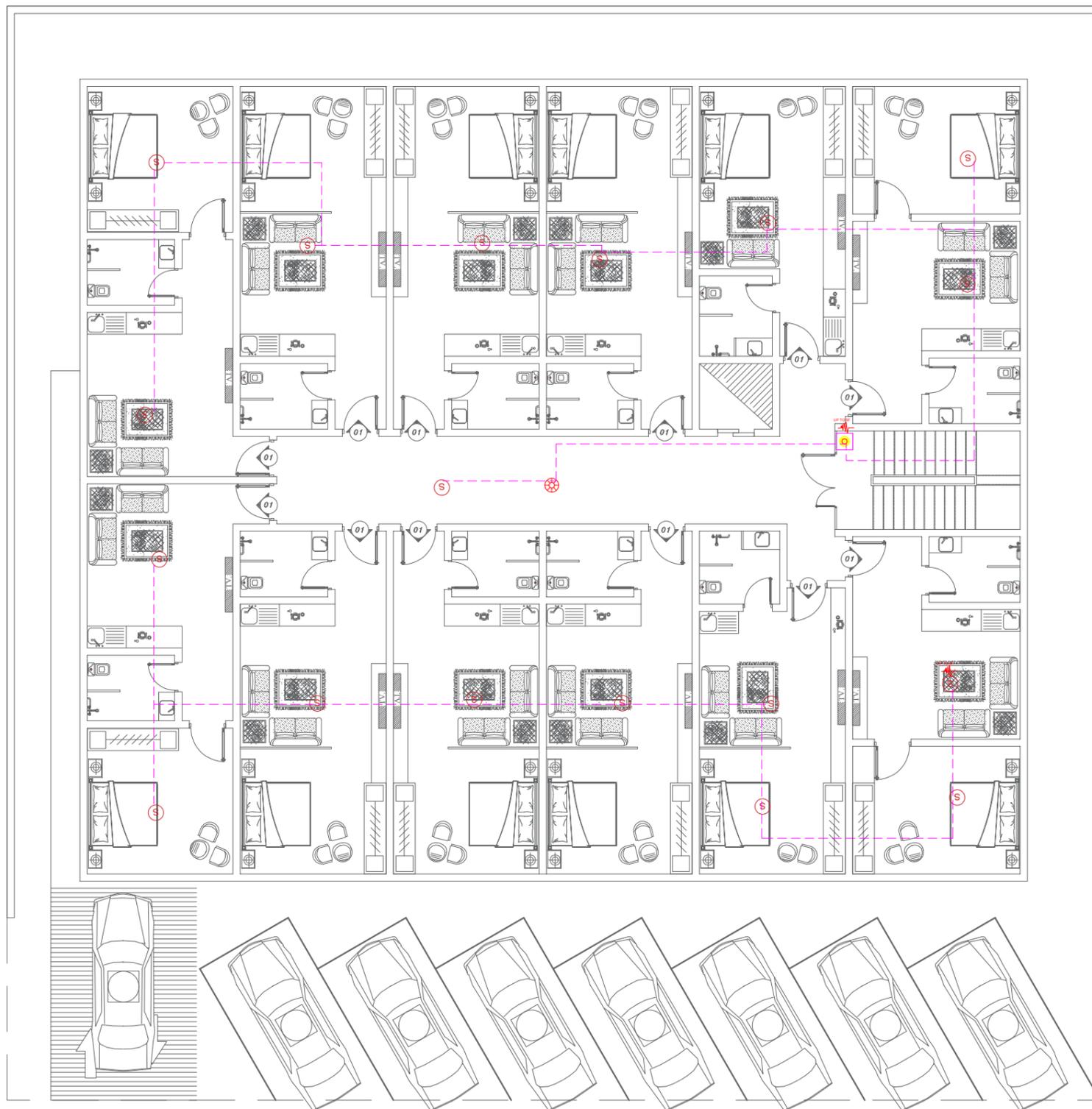
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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	اتذار حریق للدور الارضي		
SHEET NO.	22		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

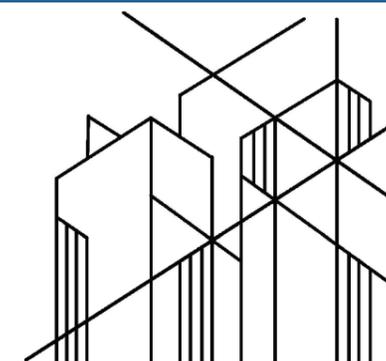
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		





SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEECTOR
	HEAT DEECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANSE



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	انذار حریق للسورالاول		
SHEET NO.	23		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

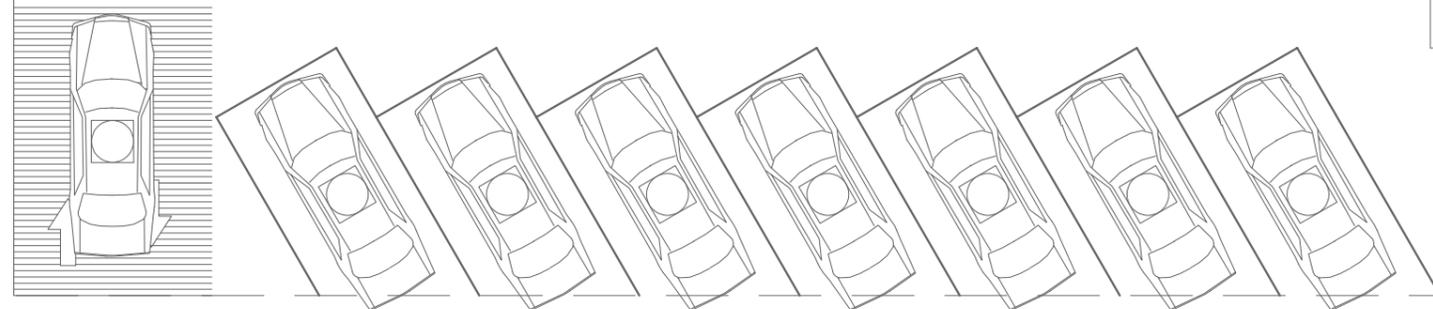
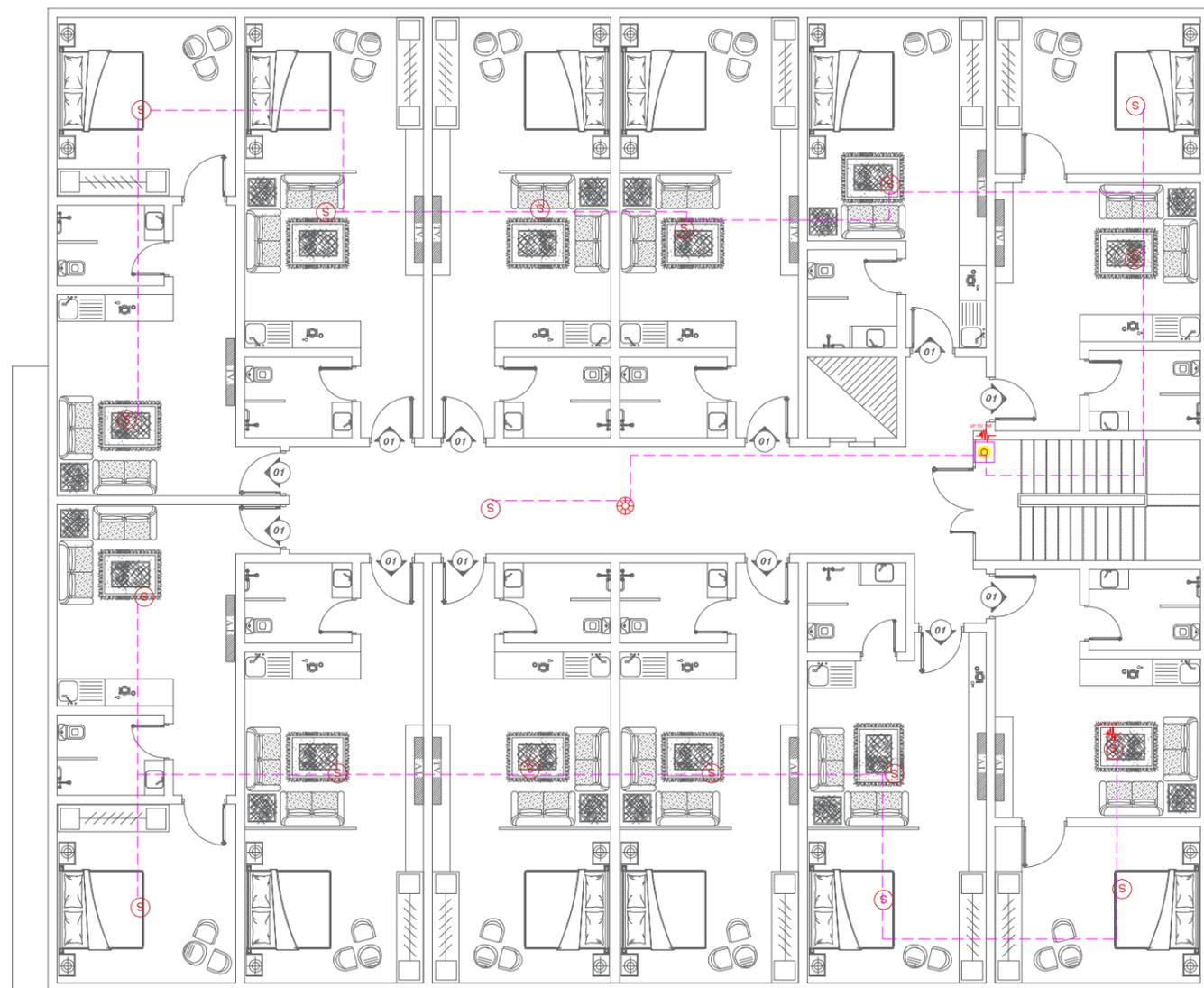
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



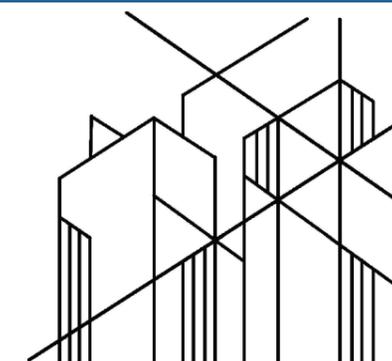
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SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEDECTOR
	HEAT DEDECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANSE



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PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	انذار حریق للـدورالثاني		
SHEET NO.	24		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

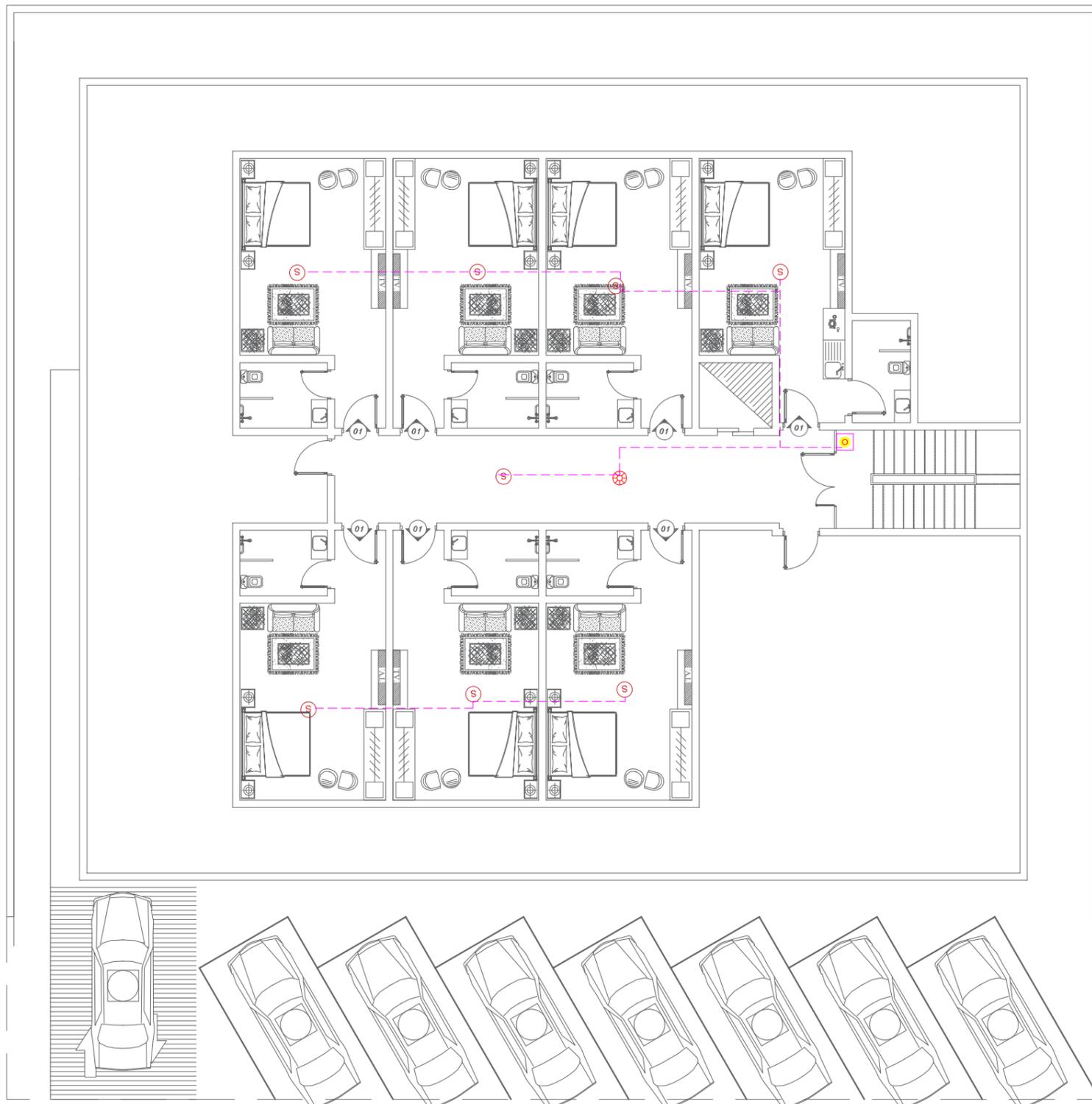
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



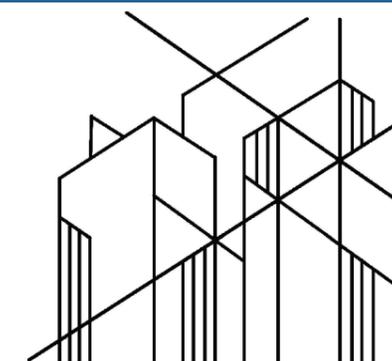
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SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEDECTOR
	HEAT DEDECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANCE



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PROJECT	شقق مخدومة (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	انذار حريق للسردورالتالت	
SHEET NO.	25	
DISTRICT.	LAND NO.	BLOCK NO.
العقیق	393	أب/1863

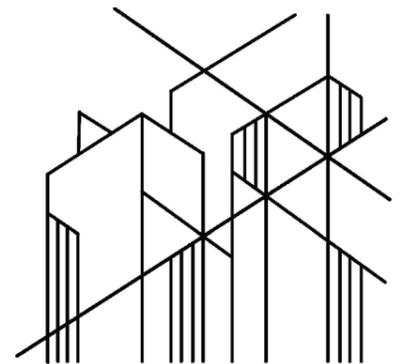
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4	
Architect	OMAR AL-SAMAHY – AHMED MOAMEN	
Structure	FETOUH MOHAMMED - MANAR MOHAMMED	
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL	
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD	





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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME			
SHEET NO.			
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

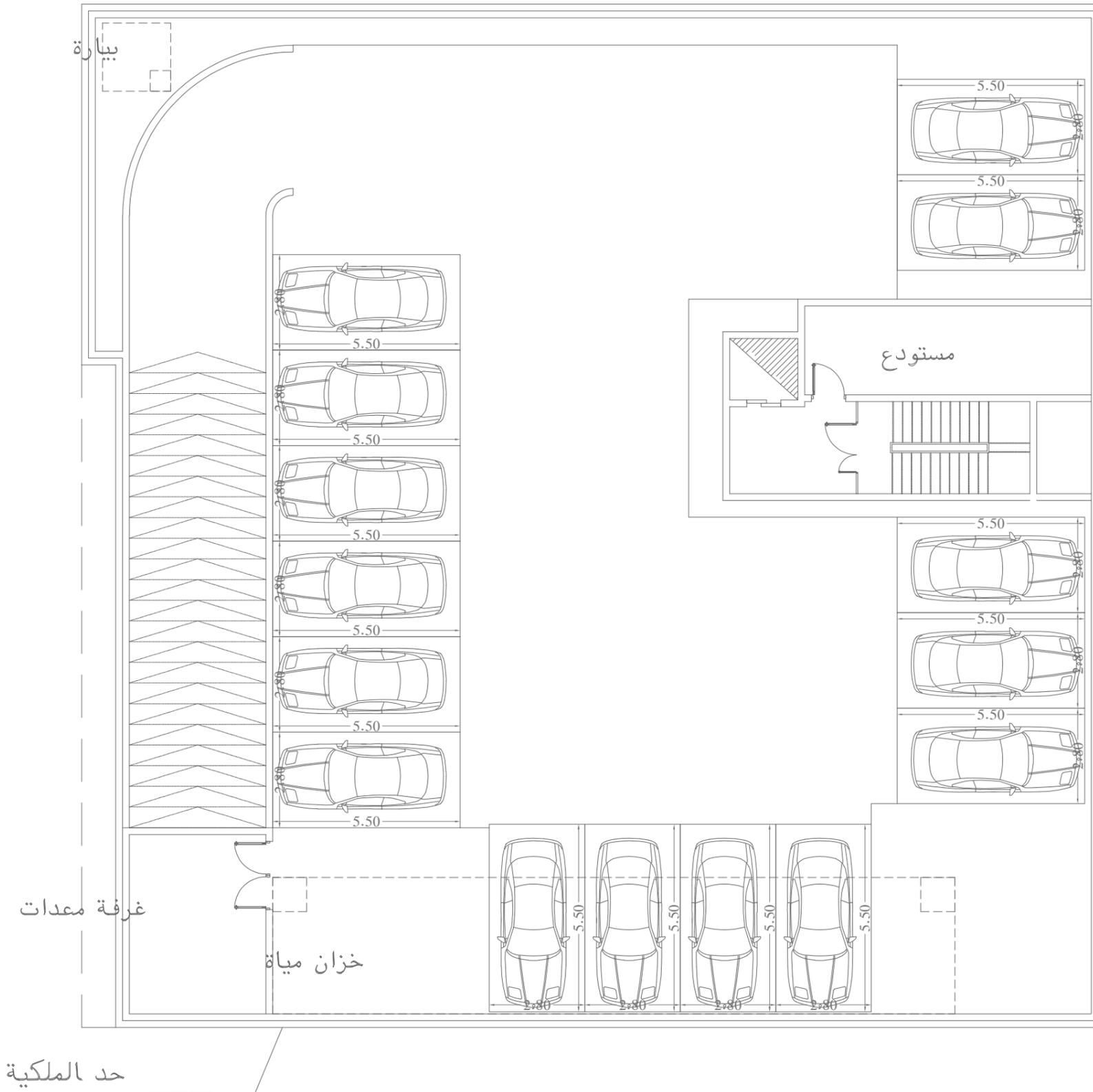
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



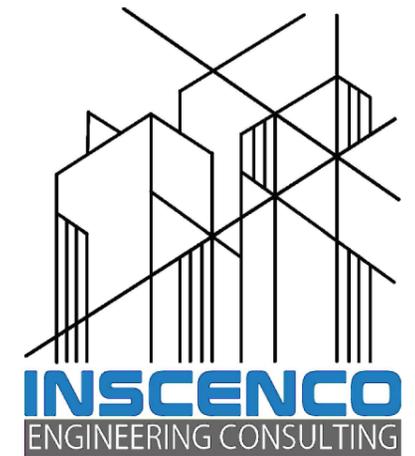
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SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEDECTOR
	HEAT DEDECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANSE



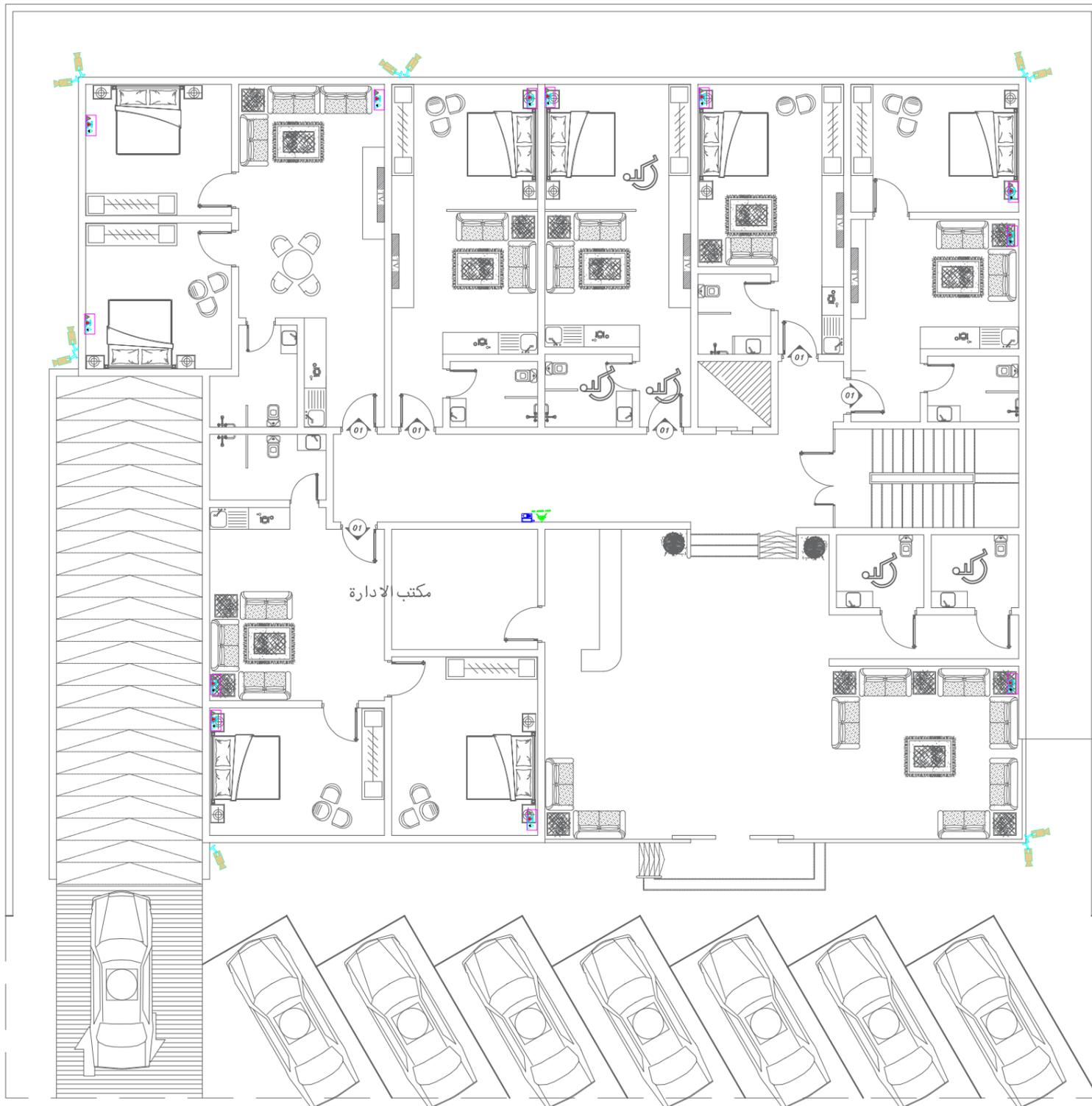
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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	تیار خفیف للبيدروم		
SHEET NO.	26		
DISTRICT.	LAND NO.	BLOCK NO.	
العقيق	393	أب/1863	

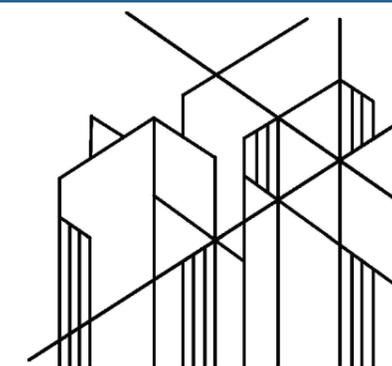
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		





SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEDECTOR
	HEAT DEDECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANSE



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	تیسار خفیف للذور الارضی		
SHEET NO.	27		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	1863/أب	

SHEET INFORMATION

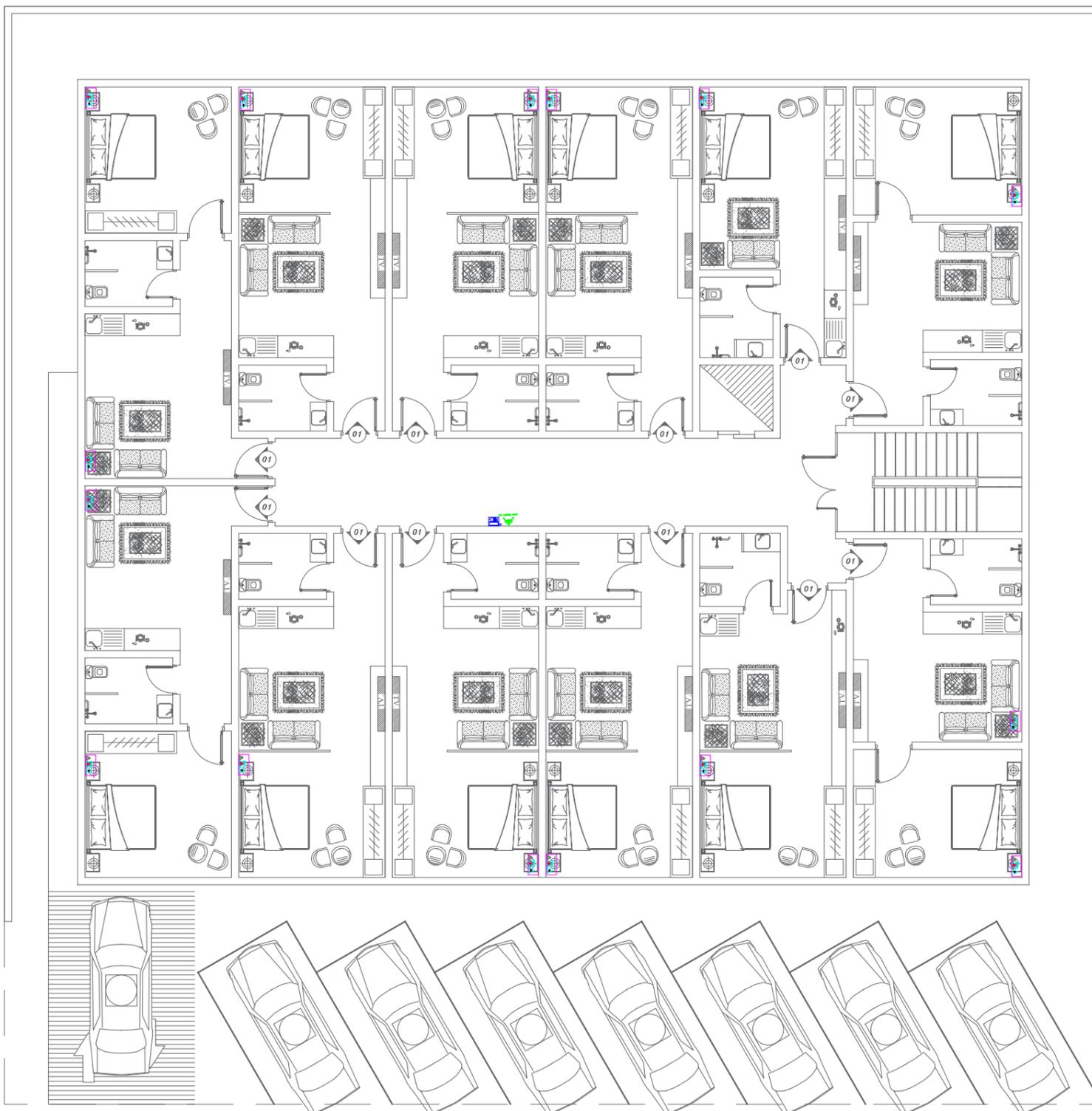
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



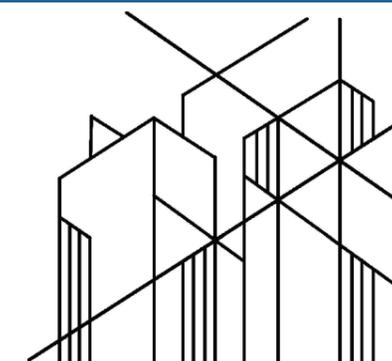
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SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEDECTOR
	HEAT DEDECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANCE



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	تیسار خفیف للسورالاول		
SHEET NO.	28		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

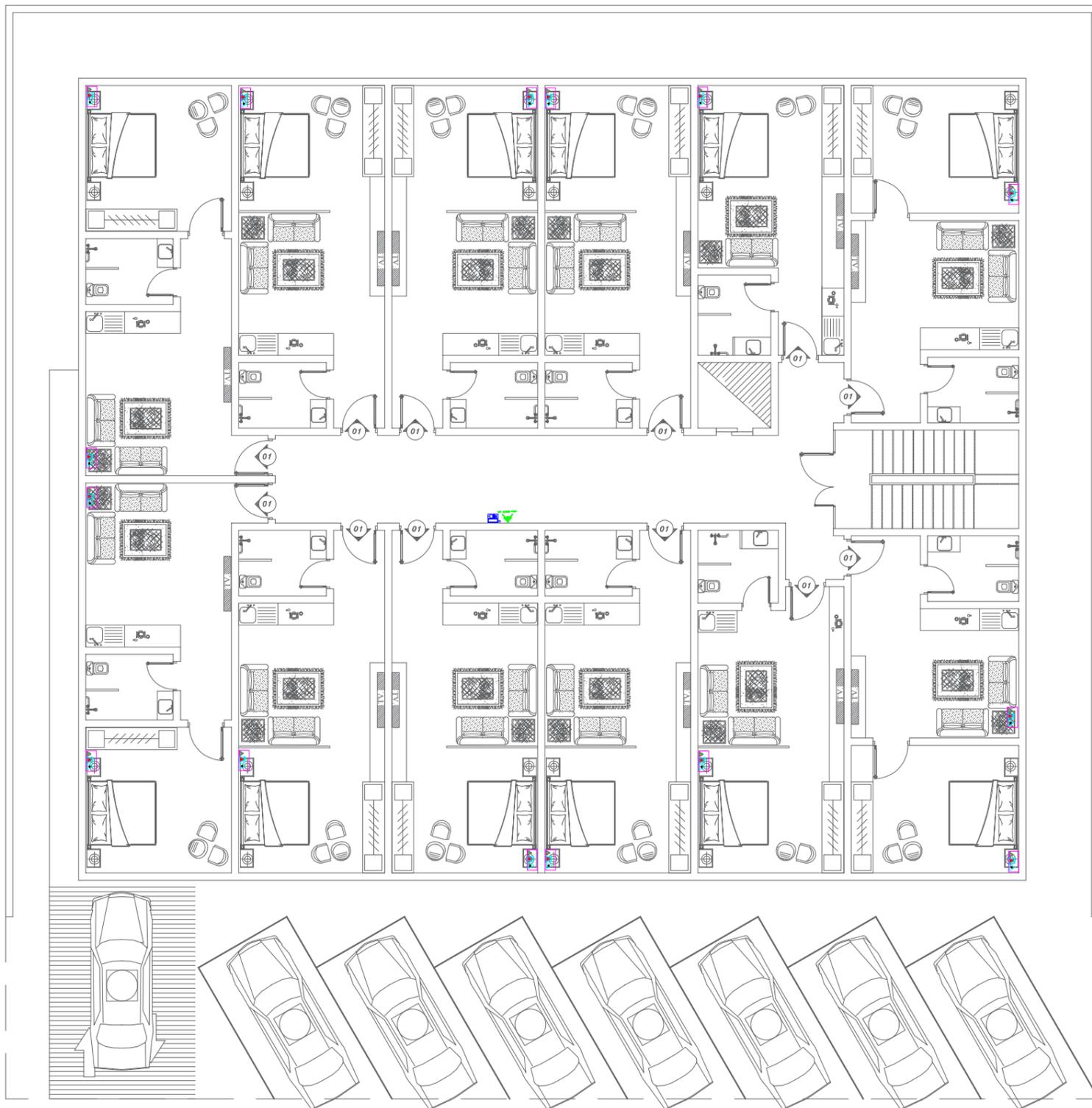
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



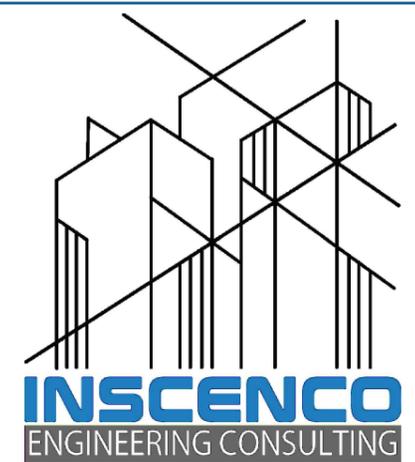
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SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEDECTOR
	HEAT DEDECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANCE



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Saudi Arabia, Riyadh, Al-Hamra District, Building 12

PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	تیار خفیف للسـدورالتانی		
SHEET NO.	29		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	1863/أب	

SHEET INFORMATION

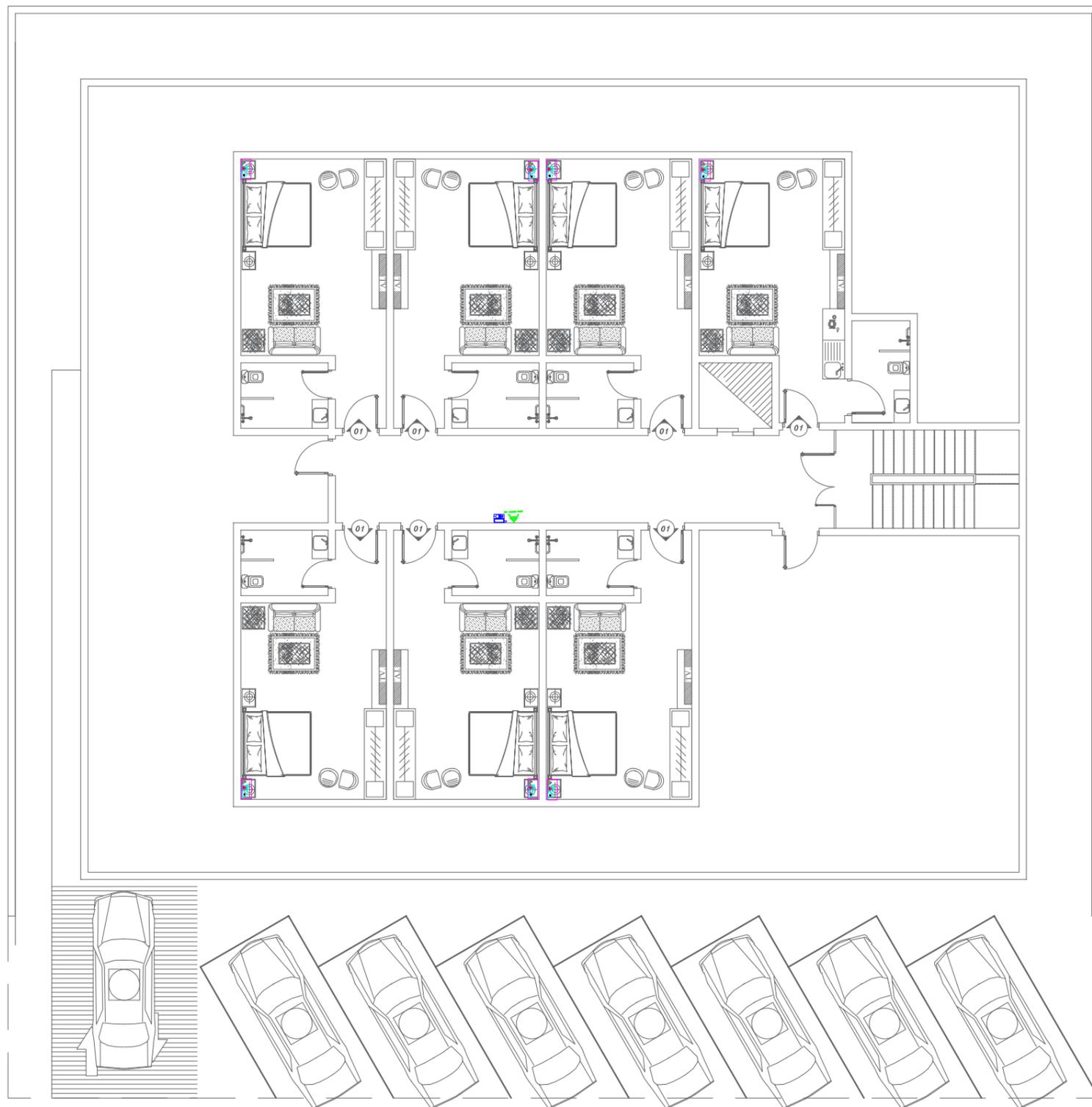
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



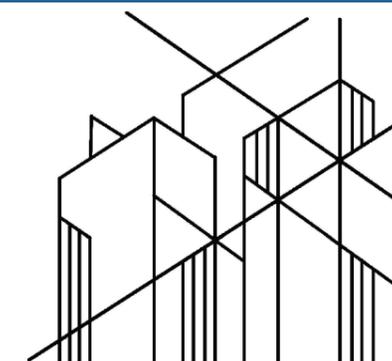
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SYMBOL	DESCRIPTION
	TELEVISION OUTLET AT 60 cm height .
	TELEPHONE OUTLET AT 60 cm height .
	WIFI POINT
	OUTDOOR UNIT INTERCOM
	INDOOR UNIT INTERCOM
	CCTV COLOR INDOOR CAMERA.
	EARTH ROD AND INSPECTION PIT
	CONVENTIONAL COMBINED DETECTOR
	SMOKE DEDECTOR
	HEAT DEDECTOR
	FIRE ALARM CONTROL PANEL
	DATA OUTLET POINT
	CO2 FIRE EXTINGUISHER
	MANUAL CALL POINT
	FIRE INDOOR SIREN
	END OF LINE RESISTANSE



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Saudi Arabia, Riyadh, Al-Hamra District, Building 12

PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	تیار خفیف للـدورالثالث		
SHEET NO.	30		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

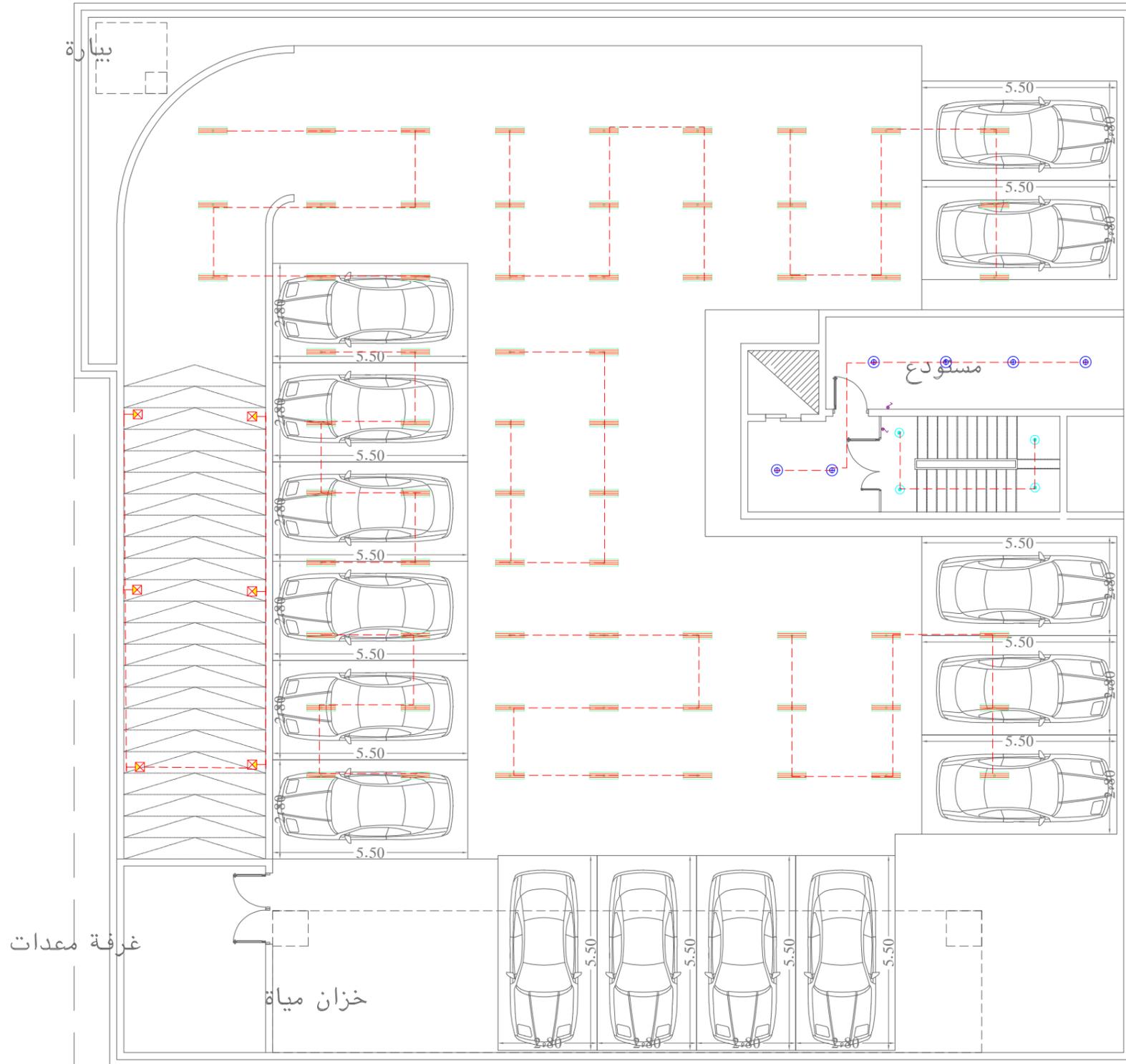
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



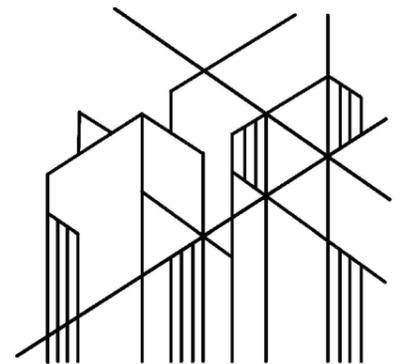
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IMG	SYMBOLS	DESCRIPTION
LIGHTING FIXTURES		
F1	---	SUBMERSIBLE TUBULAR STRIP LIGHTING TO ARCHITECT APPROVAL, SVA PER METER
F2	⊙	CHANDERLIER, 70W, LED LAMP 220V,60HZ
F3	⊙	CHANDERLIER, 40W, LED LAMP 220V,60HZ
	⊙	SURFACE MOUNTED WATER PROOF LUMINAIRE (20.5w) LED LAMP 220V,60HZ
	⊙	SURFACE MOUNTED LUMINAIRE (1x15 w) LED LAMP 220V,60HZ
	⊕	PHILIPS LuxSpace SURVAC MOUNTED POWER=40 watt
	⊕	PHILIPS LuxSpace SURVAC MOUNTED POWER=25 watt
	⊕	WALL/FENCE MOUNTED LUMINAIRE OUTDOOR (1x40W) LED LAMP 220V,60HZ ,IP65
	⊕	SURFACE CEILING MOUNTED BATTEN LUMINAIRE, (39 W,4000 lm) LAMP,220V,60HZ,IP65
	⊕	OUTDOOR WALL MOUNTED FIXTURE, FOR FENCES & STREET 40 W
	⊕	SURFAC MOUNTED LED LIGHTING P=20.5W
	⊕	DISTRIBUTION PANEL BOARD.
	⊕	220V, 13A , ONE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , TWO GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , THREE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , ONE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , TWO GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A ,THREE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	MAIN DISTRIBUTION BOARD.
	⊕	ELECTRIC FAN



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PROJECT	شقق مخدمه (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	حسابات انارة للبيدروم	
SHEET NO.	31	
DISTRICT.	LAND NO.	BLOCK NO.
العتيق	393	أب/1863

SHEET INFORMATION	
ID/ System	ZONE-CC-2025-02-27-4
Architect	OMAR AL-SAMAHY – AHMED MOAMEN
Structure	FETOUH MOHAMMED - MANAR MOHAMMED
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD

حد الملكية

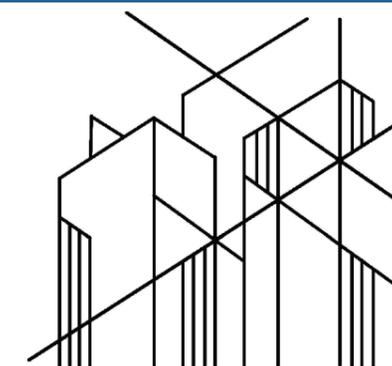
NAME						
	40W	20.5W	15W	70W	39	40W OUT
BASMENT	0	2	4	0	67	6
GROUND	10	117	4	0	0	0
FRIST	19	124	4	0	0	0
SECOND	19	124	4	0	0	
THIRD	14	62	4	0	0	
TOTAL	62	429	20	0	67	6





NO.	SYMBOLS	DESCRIPTION
LIGHTING FIXTURES		
F1	---	SUBMERSIBLE TUBULAR STRIP LIGHTING TO ARCHITECT APPROVAL, 5VA PER METER
F2	★	CHANDERLIER, 70W, LED LAMP 220V,60HZ
F3	★	CHANDERLIER, 40W, LED LAMP 220V,60HZ
	○	SURFACE MOUNTED WATER PROOF LUMINAIRE (20.5w) LED LAMP 220V,60HZ
	○	SURFACE MOUNTED LUMINAIRE (1x15 w) LED LAMP 220V,60HZ
	⊕	PHILIPS LuxSpace SURVAC MOUNTED POWER=40 watt
	⊕	PHILIPS LuxSpace SURVAC MOUNTED POWER=25 watt
	⊕	WALL/FENCE MOUNTED LUMINAIRE OUTDOOR (1x40W) LED LAMP 220V,60HZ ,IP65
	⊕	SURFACE CEILING MOUNTED BATTEN LUMINAIRE, (39 W,4000 lm) LAMP,220v,60HZ,IP65
	⊕	OUTDOOR WALL MOUNTED FIXTURE, FOR FENCES & STREET 40 W
	⊕	SURFAC MOUNTED LED LIGHTING P=20.5W
	⊕	DISTRIBUTION PANEL BOARD.
	⊕	220V, 13A , ONE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , TWO GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , THREE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , ONE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , TWO GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	220V, 13A , THREE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⊕	MAIN DISTRIBUTION BOARD.
	⊕	ELECTRIC FAN

NAME						
	40W	20.5W	15W	70W	39	40W OUT
BASMENT	0	2	4	0	67	6
GROUND	10	117	4	0	0	0
FRIST	19	124	4	0	0	0
SECOND	19	124	4	0	0	0
THIRD	14	62	4	0	0	0
TOTAL	62	429	20	0	67	6



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	حسابات انارة للدور الارضي		
SHEET NO.	32		
DISTRICT.	LAND NO.	BLOCK NO.	
العتيق	393	أب/1863	

SHEET INFORMATION

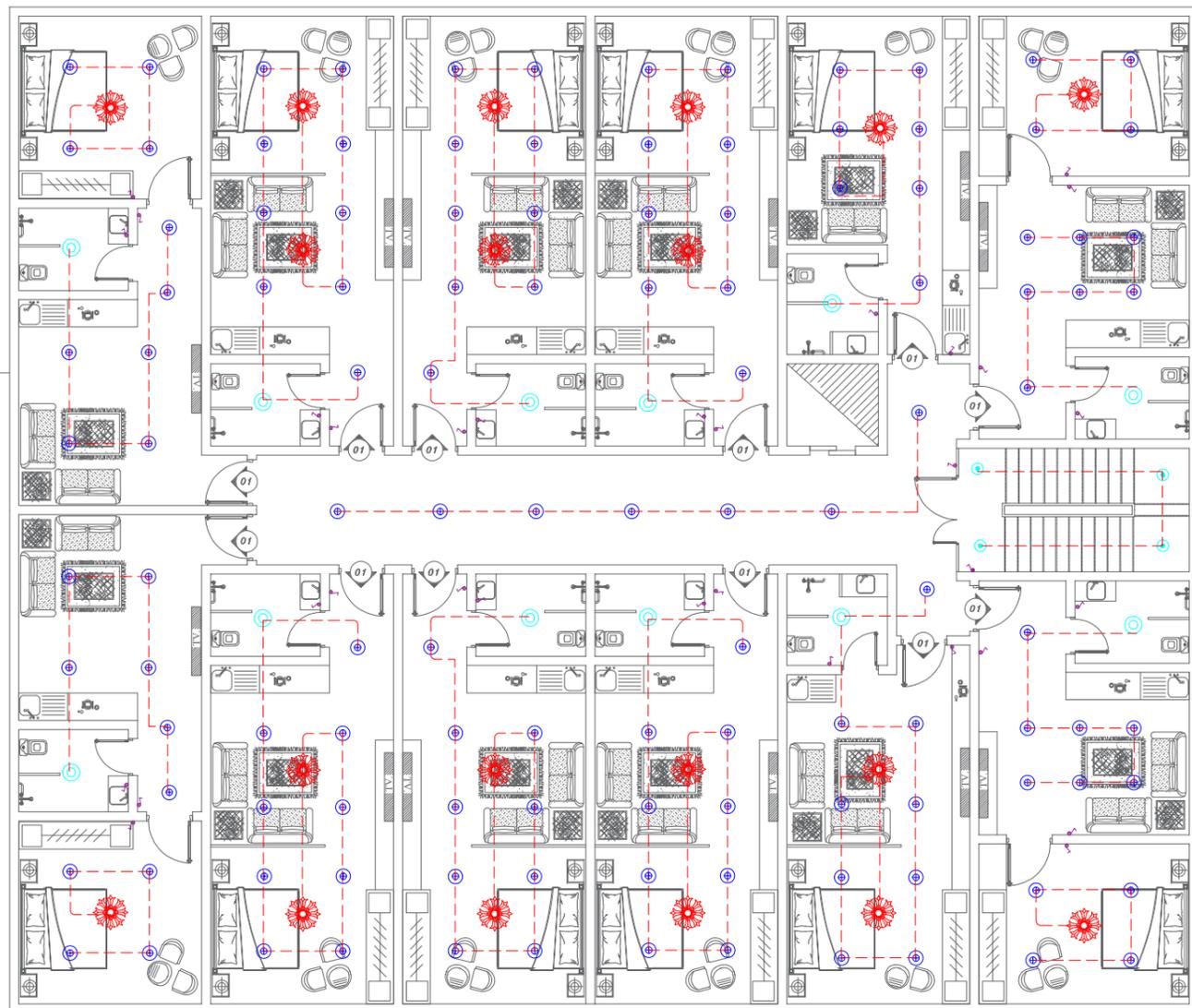
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



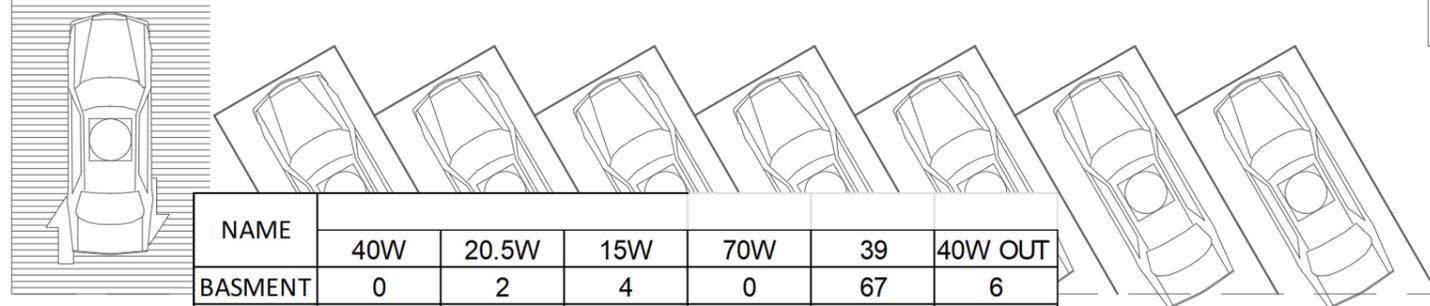
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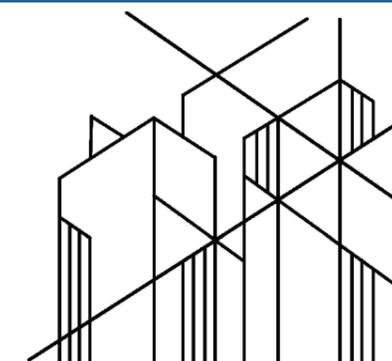
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IMG	SYMBOLS	DESCRIPTION
LIGHTING FIXTURES		
F1		SUBMERSIBLE TUBULAR STRIP LIGHTING TO ARCHITECT APPROVAL, 5VA PER METER
F2		CHANDERLIER, 70W, LED LAMP 220V,60HZ
F3		CHANDERLIER, 40W, LED LAMP 220V,60HZ
		SURFACE MOUNTED WATER PROOF LUMINAIRE (20.5w) LED LAMP 220V,60HZ
		SURFACE MOUNTED LUMINAIRE (1x15 w) LED LAMP 220V,60HZ
		PHILIPS LuxSpace SURVAC MOUNTED POWER=40 watt
		PHILIPS LuxSpace SURVAC MOUNTED POWER=25 watt
		WALL/FENCE MOUNTED LUMINAIRE OUTDOOR (1x40W) LED LAMP 220V,60HZ ,IP65
		SURFACE CEILING MOUNTED BATTEN LUMINAIRE, (39 W,4000 lm) LAMP,220v,60HZ,IP65
		OUTDOOR WALL MOUNTED FIXTURE, FOR FENCES & STREET 40 W
		SURFAC MOUNTED LED LIGHTING P=20.5W
		DISTRIBUTION PANEL BOARD.
		220V, 13A , ONE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A , TWO GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A , THREE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A , ONE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A , TWO GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
		220V, 13A , THREE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
		MAIN DISTRIBUTION BOARD.
		ELECTRIC FAN



NAME	40W	20.5W	15W	70W	39	40W OUT
BASMENT	0	2	4	0	67	6
GROUND	10	117	4	0	0	0
FRIST	19	124	4	0	0	0
SECOND	19	124	4	0	0	0
THIRD	14	62	4	0	0	0
TOTAL	62	429	20	0	67	6



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PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	حسابات انارة للسور الاول		
SHEET NO.	33		
DISTRICT.	LAND NO.	BLOCK NO.	
العقبة	393	أب/1863	

SHEET INFORMATION

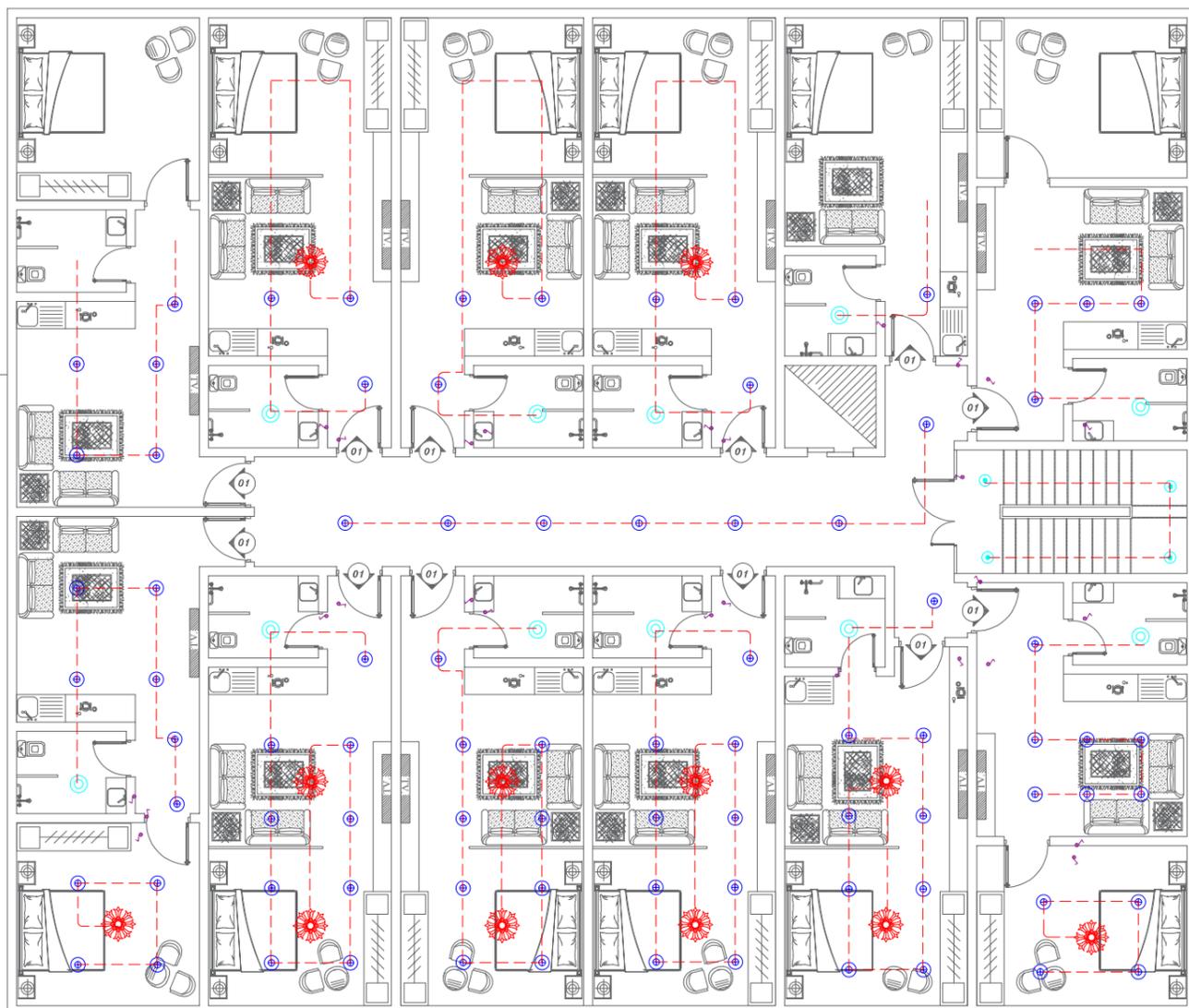
ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		



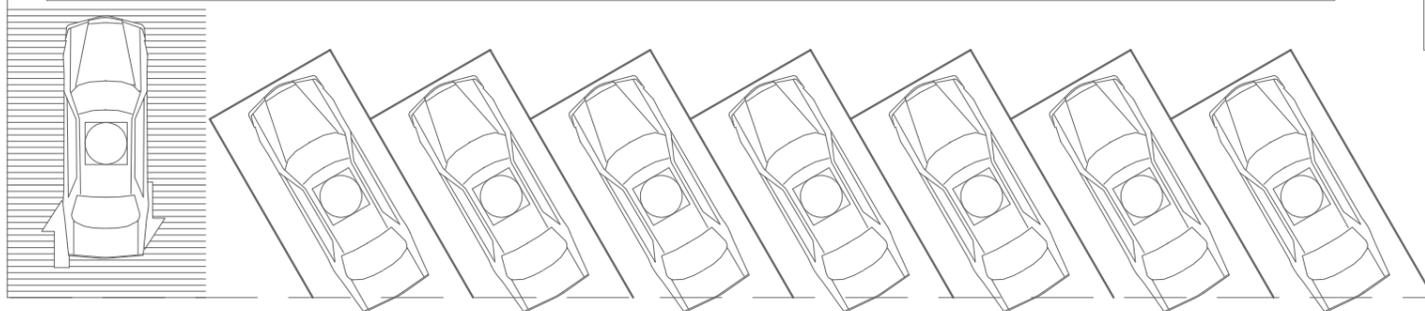
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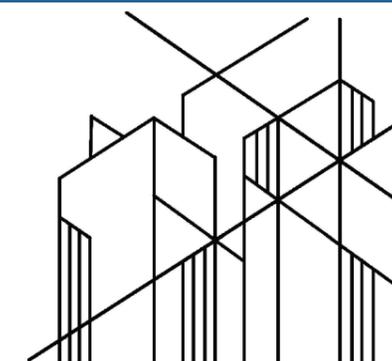
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	ARCHITECT APPROVAL, 5VA PER METER
F2	CHANDERLIER, 70W, LED LAMP 220V,60HZ
F3	CHANDERLIER, 40W, LED LAMP 220V,60HZ
	SURFACE MOUNTED WATER PROOF LUMINAIRE (20.5w) LED LAMP 220V,60HZ
	SURFACE MOUNTED LUMINAIRE (1x15 w) LED LAMP 220V,60HZ
	PHILIPS LuxSpace SURVAC MOUNTED POWER=40 watt
	PHILIPS LuxSpace SURVAC MOUNTED POWER=25 watt
	WALL/FENCE MOUNTED LUMINAIRE OUTDOOR (1x40W) LED LAMP 220V,60HZ ,IP65
	SURFACE CEILING MOUNTED BATTEN LUMINAIRE, (39 W,4000 lm) LAMP,220V,60HZ,IP65
	OUTDOOR WALL MOUNTED FIXTURE, FOR FENCES & STREET 40 W
	SURFAC MOUNTED LED LIGHTING P=20.5W
	DISTRIBUTION PANEL BOARD.
	220V, 13A , ONE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	220V, 13A , TWO GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	220V, 13A , THREE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	220V, 13A , ONE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	220V, 13A , TWO GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	220V, 13A ,THREE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	MAIN DISTRIBUTION BOARD.
	ELECTRIC FAN



NAME						
	40W	20.5W	15W	70W	39	40W OUT
BASMENT	0	2	4	0	67	6
GROUND	10	117	4	0	0	0
FRIST	19	124	4	0	0	0
SECOND	19	124	4	0	0	0
THIRD	14	62	4	0	0	0
TOTAL	62	429	20	0	67	6



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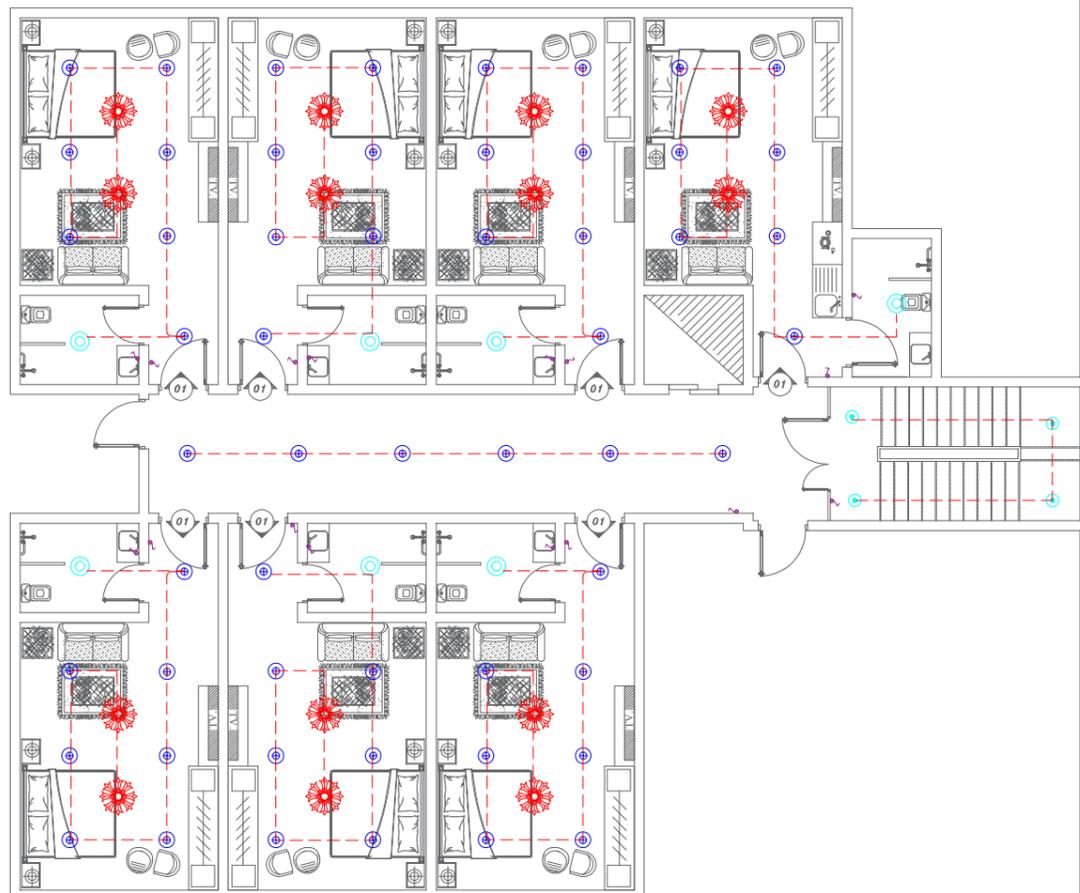
Egypt, Kafr El-Sheikh , Al-Niyaba Al-Azma District, Al-Atebaa Tower
Saudi Arabia, Riyadh, Al-Hamra District, Building 12

PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	حسابات انارة للسور الثاني		
SHEET NO.	34		
DISTRICT.	LAND NO.	BLOCK NO.	
العتيق	393	أب/1863	

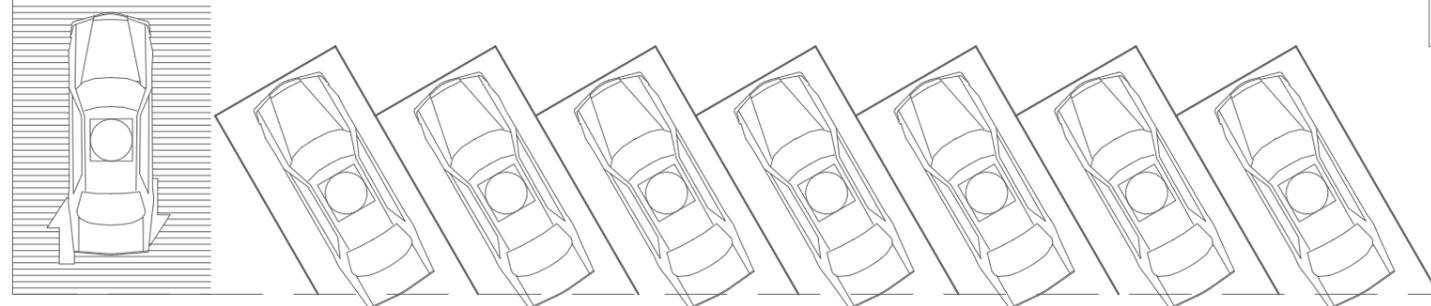
SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		

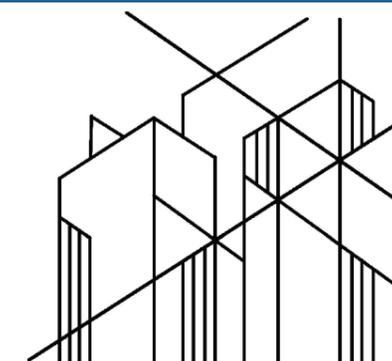




IMG	SYMBOLS	DESCRIPTION
LIGHTING FIXTURES		
F1	---	SUBMERSIBLE TUBULAR STRIP LIGHTING TO ARCHITECT APPROVAL, 5VA PER METER
F2	☀	CHANDERLIER, 70W, LED LAMP 220V,60HZ
F3	☀	CHANDERLIER, 40W, LED LAMP 220V,60HZ
	☉	SURFACE MOUNTED WATER PROOF LUMINAIRE (20.5w) LED LAMP 220V,60HZ
	☉	SURFACE MOUNTED LUMINAIRE (1x15 w) LED LAMP 220V,60HZ
	⊕	PHILIPS LuxSpace SURVAC MOUNTED POWER=40 watt
	⊕	PHILIPS LuxSpace SURVAC MOUNTED POWER=25 watt
	☒	WALL/FENCE MOUNTED LUMINAIRE OUTDOOR (1x40W) LED LAMP 220V,60HZ ,IP65
	☒	SURFACE CEILING MOUNTED BATTEN LUMINAIRE, (39 W,4000 lm) LAMP,220v,60HZ,IP65
	☒	OUTDOOR WALL MOUNTED FIXTURE, FOR FENCES & STREET 40 W
	⊕	SURFAC MOUNTED LED LIGHTING P=20.5W
DISTRIBUTION PANEL BOARD.		
	⚡	220V, 13A , ONE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⚡	220V, 13A , TWO GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⚡	220V, 13A , THREE GANG , ONE WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⚡	220V, 13A , ONE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⚡	220V, 13A , TWO GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⚡	220V, 13A ,THREE GANG , TWO WAY MOUNTING HEIGHT 1200 MM. F.F.L
	⚡	MAIN DISTRIBUTION BOARD.
	⚡	ELECTRIC FAN



NAME						
	40W	20.5W	15W	70W	39	40W OUT
BASMENT	0	2	4	0	67	6
GROUND	10	117	4	0	0	0
FRIST	19	124	4	0	0	0
SECOND	19	124	4	0	0	
THIRD	14	62	4	0	0	
TOTAL	62	429	20	0	67	6



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Saudi Arabia, Riyadh, Al-Hamra District, Building 12

PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	حسابات انارة للسودرالتالث		
SHEET NO.	35		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		





4002303PILWV.60HZ										BUS RATING			150 AMPS.			MOUNTING :		RECESSED MOUNTED IN WALL						
25KVA																								
LOAD DESCRIPTION	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION			CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD DESCRIPTION
	Pole	AT			R	Y	B	PHASE	GND		R	Y	B		GND	PHASE	R	Y	B			AT	Pole	
LIGHTING	1	20	9	29	251			4	1				2	4		251	39	9	20	1			LIGHTING	
LIGHTING	1	20	9	29		251		4	3				4	4		312	39	8	20	1			LIGHTING	
LIGHTING	1	20	8	29			312	4	5				6	4		234	39	6	20	1			LIGHTING	
LIGHTING	1	20	9	29	251			4	7				8	4		251	39	9	20	1			LIGHTING	
LIGHTING	1	20	6	20.5		123		4	9				10	4		60	15	4	20	1			LIGHTING	
LIGHTING	1	20	6	40			240	4	11				12	4		0			20	1			SPARE	
SPARE	1				0			4	13				14	4		0								
	1				0			4	15				16	4		0								
	1				0			6	17				18	6		0								
	1				0			6	19				20	6		0								
	1				0			6	21				22	6		0								
	1				0			6	23				24	6		0								
	1				0			6	25				26	6		0								
	1				0			6	27				28	6		0								
					0				29				30			0								
					0				31				32			0								
					702	474	552							TOTAL		0.0	372	234						

4002303PILWV.60HZ										BUS RATING			150 AMPS.			MOUNTING :		RECESSED MOUNTED IN WALL						
25KVA																								
LOAD DESCRIPTION	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION			CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD DESCRIPTION
	Pole	AT			R	Y	B	PHASE	GND		R	Y	B		GND	PHASE	R	Y	B			AT	Pole	
LIGHTING	1	20	4	20.5	122			4	1				2	4		204	20.5	8	20	1			LIGHTING	
LIGHTING	1	20	10	20.5		245		4	3				4	4		245	20.5	10	20	1			LIGHTING	
LIGHTING	1	20	10	20.5			205	4	5				6	4		122	20.5	4	20	1			LIGHTING	
LIGHTING	1	20	4	20.5	122			4	7				8	4		226	20.5	11	20	1			LIGHTING	
LIGHTING	1	20	8	20.5		224		4	9				10	4		164	20.5	8	20	1			LIGHTING	
LIGHTING	1	20	4	15			60	4	11				12	4		41	20.5	2	20	1			LIGHTING	
LIGHTING	1	20	12	20.5	246			4	13				14	4		185	20.5	9	20	1			LIGHTING	
LIGHTING	1	20	4	20.5	122			4	15				16	4		82	20.5	4	20	1			LIGHTING	
LIGHTING	1	20	6	21		143		4	17				18	4		122	20.5	4	20	1			LIGHTING	
SOCKETS	1	20	2	180	540			4	19				20	4		720	180	4	20	1			SOCKETS	
SOCKETS	1	20	4	180		720		4	21				22	4		720	180	4	20	1			SOCKETS	
SOCKETS	1	20	6	180		1080		4	23				24	4		900	180	5	20	1			SOCKETS	
SOCKETS	1	20	6	180	1080			4	25				26	4		720	180	4	20	1			SOCKETS	
SOCKETS	1	20	4	180		720		4	27				28	4		540	180	3	20	1			SOCKETS	
SOCKETS	1	20	5	180		900		4	29				30			0								SPARE
					0				31				32			0								
					2110	2001	2408							TOTAL		162.4	1751	1183						

4002303PILWV.60HZ										BUS RATING			150 AMPS.			MOUNTING :		RECESSED MOUNTED IN WALL						
25KVA																								
LOAD DESCRIPTION	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION			CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD DESCRIPTION
	Pole	AT			R	Y	B	PHASE	GND		R	Y	B		GND	PHASE	R	Y	B			AT	Pole	
WATER HEATER	1	20	1	1875	1875			6	1				2	6		1875	1875	1	20	1			WATER HEATER	
WATER HEATER	1	20	1	1875		1875		6	3				4	6		1915	1875	1	20	1			WATER HEATER	
WATER HEATER	1	20	1	1875			1875	6	5				6	6		1875	1875	1	20	1			WATER HEATER	
WATER HEATER	1	20	1	1875	1875			6	7				8	6		1875	1875	1	20	1			WATER HEATER	
AC	1	20	1	1850		1850		6	9				10	6		2850	2850	1	20	1			AC	
AC	1	20	1	2500		2500		6	11				12	6		2500	2500	1	20	1			AC	
AC	1	20	1	2500	2500			6	13				14	6		1850	1850	1	20	1			AC	
AC	1	20	1	1850		1850		6	15				16	6		2850	2850	1	20	1			AC	
AC	1	20	1	1500		1500		6	17				18	6		1850	1850	1	20	1			AC	
AC	1	20	1	1850	1850			6	19				20	6		4500	4500	1	20	1			AC	
AC	1	20	1	4500		4500		6	21				22	6		0								SPARE
SPARE	1				0				23				24			0								
	1				0				25				26			0								
	1				0				27				28			0								
					0				29				30			0								
					0				31				32			0								
					9100	10075	6875							TOTAL		6350.0	7615	7225						

4002303PILWV.60HZ										BUS RATING			150 AMPS.			MOUNTING :		RECESSED MOUNTED IN WALL						
25KVA																								
LOAD DESCRIPTION	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION			CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD DESCRIPTION
	Pole	AT			R	Y	B	PHASE	GND		R	Y	B		GND	PHASE	R	Y	B			AT	Pole	
					15450.0									TOTAL		15450.0								

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Saudi Arabia, Riyadh, Al-Hamra District, Building 12

PROJECT	شقق مخدومة (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	حسابات الاحمال	
SHEET NO.	36	
DISTRICT.	LAND NO.	BLOCK NO.
العتيق	393	أب/1863

SHEET INFORMATION	
ID/ System	ZONE-CC-2025-02-27-4
Architect	OMAR AL-SAMAHY – AHMED MOAMEN
Structure	FETOUH MOHAMMED - MANAR MOHAMMED
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD



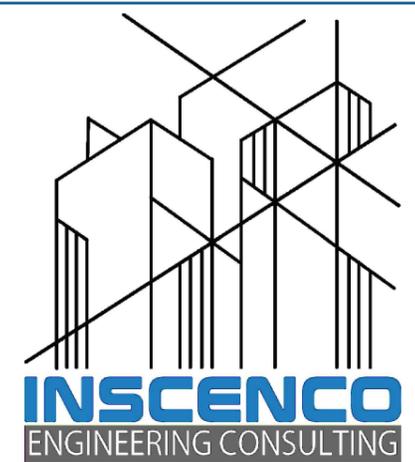


#NAME?		S-DP4				ENCLOSURE TYPE				NEMA12				LOCATION :				SECOND FLOOR							
		400/230,3PH,4W,60HZ				BUS RATING				150 AMPS.				MOUNTING :				RECESSED MOUNTED IN WALL							
		25KAC																							
LOAD	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION				CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD
	Pole	AT			R	Y	B	PHASE	GND		R	Y	B	GND		PHASE	R	Y	B	AT			Pole	DESCRIPTION	
LIGHTING	1	20	4	20.5	122			4	1					2	4	204	20.5	8	20	1				LIGHTING	
LIGHTING	1	20	10	20.5		245		4	3					4	4		245	20.5	10	20	1			LIGHTING	
LIGHTING	1	20	10	20.5			205	4	5					6	4		122	20.5	4	20	1			LIGHTING	
LIGHTING	1	20	7	20.5	144			4	7					8	4	144		20.5	7	20	1			LIGHTING	
LIGHTING	1	20	8	20.5		224		4	9					10	4	60		15	4	20	1			LIGHTING	
SOCKETS	1	20	3	180			540	4	11					12	4		720	180	4	20	1			SOCKETS	
SOCKETS	1	20	4	180		720		4	13					14	4	720		180	4	20	1			SOCKETS	
SOCKETS	1	20	5	180		940		4	15					16	4	1260		180	7	20	1			WATER HEATER	
SOCKETS	1	20	4	180			760	4	17					18	6		1875	1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875	1875			6	19					20	6	1875		1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875		1875		6	21					22	6		1875	1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875			1875	6	23					24	6		3500	3500	1	30	1			AC	
AC	1	30	1	3500	3500			6	25					26	6	3500		3500	1	30	1			AC	
AC	1	30	1	3500		3500		6	27					28	6		3500	3500	1	30	1			AC	
AC	1	30	1	1850			1850	6	29					30	6		2850	2850	1	30	1			AC	
SPARE					0				31					32		0									
					6361	6784	5230									TOTAL		6095.0	6940	9067					
									GND				SN												

								DEMAND FACTOR		80%	
12455.5	VA			MAIN BREAKER :	80/100AF,400V,3P,60HZ				DEMAND LOAD	32.3812	
13724	VA			FEED :	BOTTOM				20% SPARE LOAD	8.0953	
14297.0	VA			FEEDER SIZE :	4C-16mm2 pb +1C6mm2 G CU,XLPE/PVC				MAX DEMAND LOAD	40.4765	
40477	VA			SOURCE :	MDP				MAX DEMAND CURRENT	73.3269275	

#NAME?		S-DP5				ENCLOSURE TYPE				NEMA12				LOCATION :				SECOND FLOOR							
		400/230,3PH,4W,60HZ				BUS RATING				150 AMPS.				MOUNTING :				RECESSED MOUNTED IN WALL							
		25KAC																							
LOAD	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION				CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD
	Pole	AT			R	Y	B	PHASE	GND		R	Y	B	GND		PHASE	R	Y	B	AT			Pole	DESCRIPTION	
LIGHTING	1	20	8	20.5	204			4	1					2	4	285		20.5	10	20	1			LIGHTING	
LIGHTING	1	20	10	20.5		285		4	3					4	4		245	20.5	10	20	1			LIGHTING	
LIGHTING	1	20	10	20.5			285	4	5					6	4		144	20.5	7	20	1			LIGHTING	
LIGHTING	1	20	10	20.5	285			4	7					8	4	122		20.5	4	20	1			LIGHTING	
SOCKETS	1	20	4	180		780		4	9					10	4		540	180	3	20	1			SOCKETS	
SOCKETS	1	20	5	180			900	4	11					12	4		720	180	4	20	1			SOCKETS	
SOCKETS	1	20	4	180	720			4	13					14	4	900		180	5	20	1			SOCKETS	
SOCKETS	1	20	4	180		760		4	15					16	4		540	180	3	20	1			SOCKETS	
WATER HEATER	1	30	1	1875			1915	6	17					18	6		1875	1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875	1875			6	19					20	6	1875		1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875		1875		6	21					22	6		1875	1875	1	30	1			WATER HEATER	
AC	1	30	1	2850			2850	6	23					24	6		1850	1850	1	30	1			AC	
AC	1	30	1	3500	3500			6	25					26	6	3500		3500	1	30	1			AC	
AC	1	30	1	3500		3500		6	27					28	6		3500	3500	1	30	1			AC	
AC	1	30	1	3500			3500	6	29					30	6		0		1	30	1			SPARE	
SPARE					0				31					32		0									
					6584	7200	9450									TOTAL		6275.0	6700	4589					
									GND				SN												

								DEMAND FACTOR		80%	
12859.0	VA			MAIN BREAKER :	80/100AF,400V,3P,60HZ				DEMAND LOAD	32.638	
13900	VA			FEED :	BOTTOM				20% SPARE LOAD	8.1595	
14038.5	VA			FEEDER SIZE :	4C-16mm2 pb +1C6mm2 G CU,XLPE/PVC				MAX DEMAND LOAD	40.7975	
40798	VA			SOURCE :	MDP				MAX DEMAND CURRENT	73.90851449	



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 Saudi Arabia, Riyadh, Al-Haram District, Building 12

PROJECT	شقق مخدومة (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	حسابات الاحمال	
SHEET NO.	37	
DISTRICT.	LAND NO.	BLOCK NO.
العتيق	393	أب/1863

SHEET INFORMATION	
ID/ System	ZONE-CC-2025-02-27-4
Architect	OMAR AL-SAMAHY - AHMED MOAMEN
Structure	FETOUH MOHAMMED - MANAR MOHAMMED
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD



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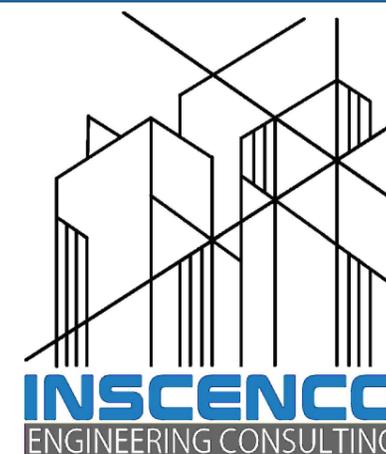


#NAME?	F-DP4				ENCLOSURE TYPE				NEMA12				LOCATION :				FRIST FLOOR							
	400/230,3PH,4W,60HZ				BUS RATING				150 AMPS.				MOUNTING :				RECESSED MOUNTED IN WALL							
25KAIC																								
LOAD	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION			CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD
	DESCRIPTION.	Pole			AT	R	Y	B	PHASE		GND	R	Y		B	GND	PHASE	R	Y			B	AT	
LIGHTING	1	20	4	20.5	122			4	1				2	4		204	20.5	8	20	1			LIGHTING	
LIGHTING	1	20	10	20.5		245		4	3				4	4		245	20.5	10	20	1			LIGHTING	
LIGHTING	1	20	10	20.5			205	4	5				6	4		122	20.5	4	20	1			LIGHTING	
LIGHTING	1	20	7	20.5	144			4	7				8	4		144	20.5	7	20	1			LIGHTING	
LIGHTING	1	20	8	20.5		224		4	9				10	4		60	15	4	20	1			LIGHTING	
SOCKETS	1	20	3	180			540	4	11				12	4		720	180	4	20	1			SOCKETS	
SOCKETS	1	20	4	180	720			4	13				14	4		720	180	4	20	1			SOCKETS	
SOCKETS	1	20	5	180		940		4	15				16	4		1260	180	7	20	1			WATER HEATER	
SOCKETS	1	20	4	180			760	4	17				18	6		1875	1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875	1875			6	19				20	6		1875	1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875		1875		6	21				22	6		1875	1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875			1875	6	23				24	6		3500	3500	1	30	1			AC	
AC	1	30	1	3500	3500			6	25				26	6		3500	3500	1	30	1			AC	
AC	1	30	1	3500		3500		6	27				28	6		3500	3500	1	30	1			AC	
AC	1	30	1	1850			1850	6	29				30	6		2850	2850	1	30	1			AC	
SPARE					0				31				32			0								
					6361	6784	5230							TOTAL		6095.0	6940	9067						
										GND	SN													

12455.5	VA				MAIN BREAKER :	80/100AF,400V,3P,60HZ				DEMAND FACTOR	80%
13724	VA				FEED:	BOTTOM				DEMAND LOAD	32.3812
14297.0	VA				FEEDER SIZE :	4C-16mm2 ph +1C6mm2 G CU,XLPE/PVC				20% SPARE LOAD	8.0953
40477	VA				SOURCE :	MDP				MAXDEMAND LOAD	40.4765
										MAX DEMAND CURRENT	73.32699275

#NAME?	F-DP5				ENCLOSURE TYPE				NEMA12				LOCATION :				FRIST FLOOR							
	400/230,3PH,4W,60HZ				BUS RATING				150 AMPS.				MOUNTING :				RECESSED MOUNTED IN WALL							
25KAIC																								
LOAD	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION			CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD
	DESCRIPTION.	Pole			AT	R	Y	B	PHASE		GND	R	Y		B	GND	PHASE	R	Y			B	AT	
LIGHTING	1	20	8	20.5	204			4	1				2	4		285	20.5	10	20	1			LIGHTING	
LIGHTING	1	20	10	20.5		285		4	3				4	4		245	20.5	10	20	1			LIGHTING	
LIGHTING	1	20	10	20.5			285	4	5				6	4		144	20.5	7	20	1			LIGHTING	
LIGHTING	1	20	10	20.5	285			4	7				8	4		122	20.5	4	20	1			LIGHTING	
SOCKETS	1	20	4	180		780		4	9				10	4		540	180	3	20	1			SOCKETS	
SOCKETS	1	20	5	180			900	4	11				12	4		720	180	4	20	1			SOCKETS	
SOCKETS	1	20	4	180	720			4	13				14	4		900	180	5	20	1			SOCKETS	
SOCKETS	1	20	4	180		760		4	15				16	4		540	180	3	20	1			SOCKETS	
WATER HEATER	1	30	1	1875			1915	6	17				18	6		1875	1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875	1875			6	19				20	6		1875	1875	1	30	1			WATER HEATER	
WATER HEATER	1	30	1	1875		1875		6	21				22	6		1875	1875	1	30	1			WATER HEATER	
AC	1	30	1	2850			2850	6	23				24	6		1850	1850	1	30	1			AC	
AC	1	30	1	3500	3500			6	25				26	6		3500	3500	1	30	1			AC	
AC	1	30	1	3500		3500		6	27				28	6		3500	3500	1	30	1			AC	
AC	1	30	1	3500			3500	6	29				30	6		0		1	30	1			SPARE	
SPARE					0				31				32			0								
					6584	7200	9450							TOTAL		6275.0	6700	4589						
										GND	SN													

12859.0	VA				MAIN BREAKER :	80/100AF,400V,3P,60HZ				DEMAND FACTOR	80%
13900	VA				FEED:	BOTTOM				DEMAND LOAD	32.638
14038.5	VA				FEEDER SIZE :	4C-16mm2 ph +1C6mm2 G CU,XLPE/PVC				20% SPARE LOAD	8.1595
40798	VA				SOURCE :	MDP				MAXDEMAND LOAD	40.7975
										MAX DEMAND CURRENT	73.90851449



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Saudi Arabia, Riyadh, Al-Hamra District, Building 12

PROJECT	شقق مخدمه (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	حسابات الاحمال	
SHEET NO.	38	
DISTRICT.	LAND NO.	BLOCK NO.
العتيق	393	أب/1863

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4	
Architect	OMAR AL-SAMAHY – AHMED MOAMEN	
Structure	FETOUH MOHAMMED - MANAR MOHAMMED	
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL	
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD	



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#NAME?	TH-DP6				ENCLOSURE TYPE				NEMA12				LOCATION :				THIRD FLOOR								
	400/230,3PH,4W,60HZ				BUS RATING				150 AMPS.				MOUNTING :				RECESSED MOUNTED IN WALL								
	25KAIC																								
LOAD DESCRIPTION	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION			CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD DESCRIPTION	
	Pole	AT			R	Y	B	PHASE	GND		R	Y	B		GND	PHASE	R	Y	B			AT	Pole		
LIGHTING	1	20	8	20.5	204			4		1				2	4		244			20.5	8	20	1	LIGHTING	
LIGHTING	1	20	8	20.5		244		4		3				4	4		244			20.5	8	20	1	LIGHTING	
LIGHTING	1	20	6	20.5			123	4		5				6	4		60	15	4	20	1	20	1	LIGHTING	
LIGHTING	1	20	8	20.5	244			4		7				8	4		244			20.5	8	20	1	LIGHTING	
SOCKETS	1	20	8	20.5		244		4		9				10	4		900			180	5	20	1	SOCKETS	
SOCKETS	1	20	5	180			900	4		11				12	4		900	180	5	20	1	20	1	SOCKETS	
SOCKETS	1	20	5	180	900			4		13				14	4		900	180	5	20	1	20	1	SOCKETS	
SOCKETS	1	20	5	180		940		4		15				16	4		900	180	5	20	1	20	1	SOCKETS	
WATER HEATER	1	30	1	1875			1875	6		17				18	6		1875	1875	1	30	1	30	1	WATER HEATER	
WATER HEATER	1	30	1	2850	2850			6		19				20	6		2850	2850	1	30	1	30	1	WATER HEATER	
WATER HEATER	1	30	1	1875		1875		6		21				22	6		2850	2850	1	30	1	30	1	WATER HEATER	
AC	1	30	1	1875			1875	6		23				24	6		1875	1875	1	30	1	30	1	AC	
AC	1	30	1	2850	2850			6		25				26	6		2850	2850	1	30	1	30	1	AC	
AC	1	30	1	2850		2850		6		27				28	6		2850	2850	1	30	1	30	1	AC	
AC	1	30	1	1875			1875	6		29				30	6		1875	1875	1	30	1	30	1	SPARE	
SPARE				0						31				32			0								
				7048	6153	6648									TOTAL				6600.0	7744	6585				

13648.0	VA			MAIN BREAKER :	80/100AF,400V,3P,60HZ	DEMAND FACTOR	80%
13897	VA			FEED:	BOTTOM	DEMAND LOAD	32.6224
13233.0	VA			FEEDER SIZE :	4C-16mm2 ph+1C6mm2 G CU,XLPE/PVC	20% SPARE LOAD	8.1556
40778	VA			SOURCE :	MDP	MAX DEMAND LOAD	40.778
						MAX DEMAND CURRENT	73.87318841

#NAME?	MDP				ENCLOSURE TYPE				NEMA12				LOCATION :				AT FENCE/WALL												
	400/230,3PH,4W,60HZ				BUS RATING				150 AMPS.				MOUNTING :				RECESSED MOUNTED IN WALL												
	25KAIC																												
LOAD DESCRIPTION	Breaker		NO OF POINT	VA PER POINT	PHASE LOAD (VA)			CONDUCTOR (mm2)		CKT NO.	BUS CONNECTION			CKT NO.	CONDUCTOR (mm2)		PHASE LOAD (VA)			VA PER POINT	NO OF POINT	Breaker		LOAD DESCRIPTION					
	Pole	AT			R	Y	B	PHASE	GND		R	Y	B		GND	PHASE	R	Y	B			AT	Pole						
BS-DP1	3	32/63		702.0				4*4	4	1				2			12859.0			80/100	3			F-DP5					
				846.0				4*4	4	3				4			13900.0			80/100	3			F-DP5					
				786				4*4	4	5				6			14038.5			80/100	3			F-DP5					
G-DP2	3	32/63		3734.5				4*16	6	1				2			12455.5			80/100	3			SF-DP4					
				3782.0				4*16	6	4				4			13724.0			80/100	3			SF-DP4					
				3593				4*16	6	6				6			14297			80/100	3			SF-DP4					
G-DP3	3	100/125		15450.0				4*25	16	1				2			12859.0			80/100	3			SF-DP5					
				17690.0				4*25	16	4				4			13900.0			80/100	3			SF-DP5					
				14100				4*25	16	6				6			14038.5			80/100	3			SF-DP5					
F-DP4	3	80/100		12455.5				4*16	6	1				2			2000.0			40/40	3			EJ-2V					
				13724.0				4*16	6	4				4			2000.0			40/40	3			EJ-2V					
				14297				4*16	6	6				6			2000			40/40	3			EJ-2V					
SPARE										1				2										SPARE					
										3				4										SPARE					
										5				6										SPARE					
				32342.0	36042.0	32776	TOTAL				GND				SN				TOTAL				40173.5	43524	44374.0				

72516	VA			MAIN BREAKER :	500/500AF,380V,3P,50HZ	DEMAND FACTOR	80%
79566.0	VA			FEED:	TOP	DEMAND LOAD	183.39
77150.0	VA			FEEDER SIZE :	4C-200mm2 PH+1.85mm2G CU,XLPE/PVC	20% SPARE LOAD	45.88
229232	VA			SOURCE :	SCHEO TRANSFORMER	MAX DEMAND LOAD	229.23
						MAX DEMAND CURRENT	415.27



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PROJECT	شقق مخدومة (فندق)	
OWNER	عبدالعزیز عبدالله علی الزامل	
DRAWING NAME	حسابات الاحمال	
SHEET NO.	39	
DISTRICT.	LAND NO.	BLOCK NO.
العقیق	393	أب/1863

SHEET INFORMATION

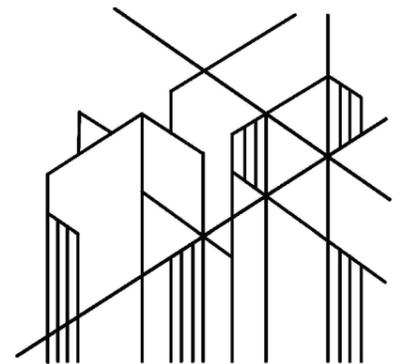
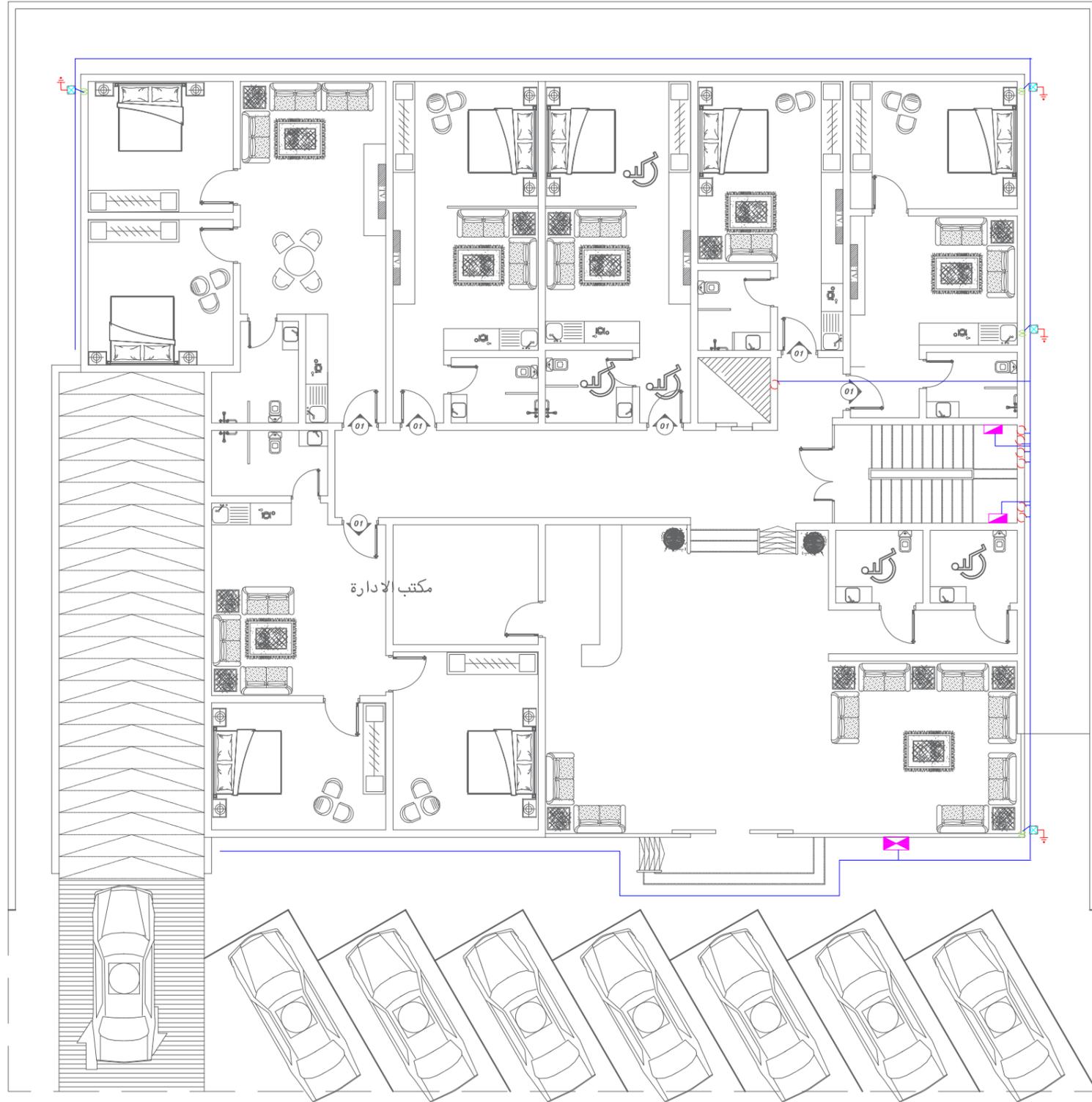
ID/ System	ZONE-CC-2025-02-27-4	
Architect	OMAR AL-SAMAHY - AHMED MOAMEN	
Structure	FETOUH MOHAMMED - MANAR MOHAMMED	
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL	
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD	



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PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	التاریض		
SHEET NO.	40		
DISTRICT.	LAND NO.	BLOCK NO.	
العقیق	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		

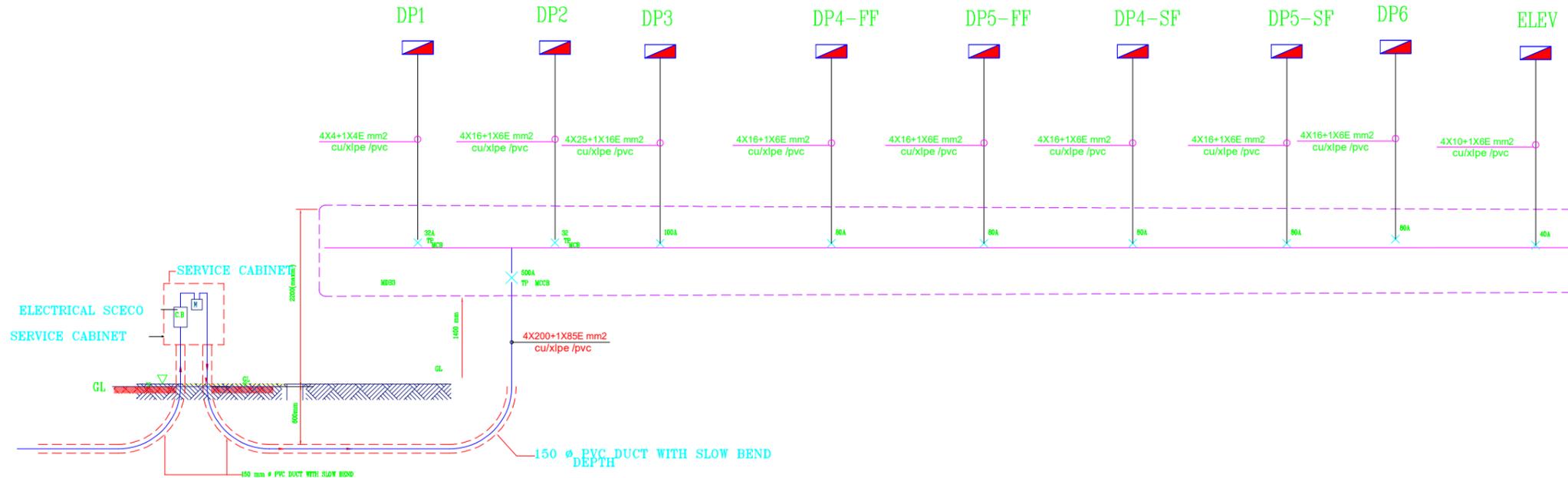


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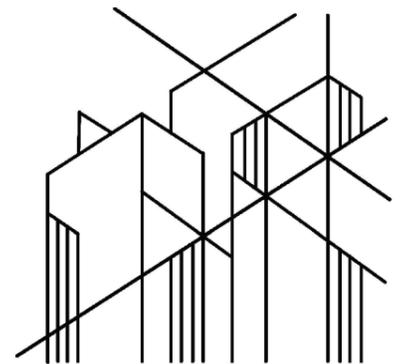


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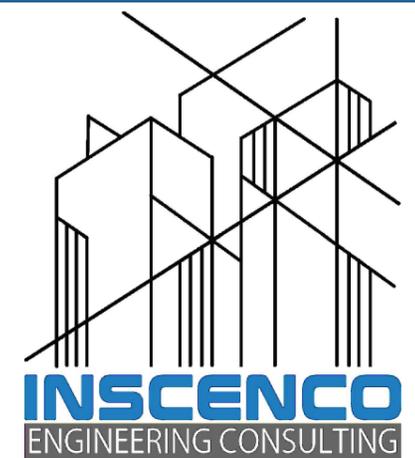
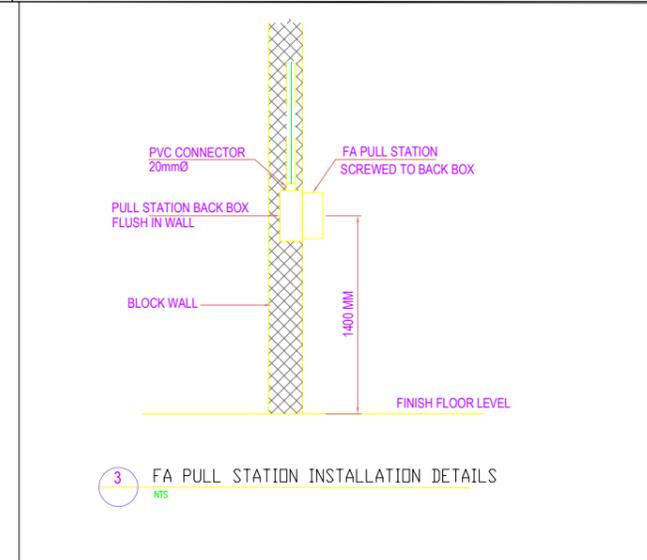
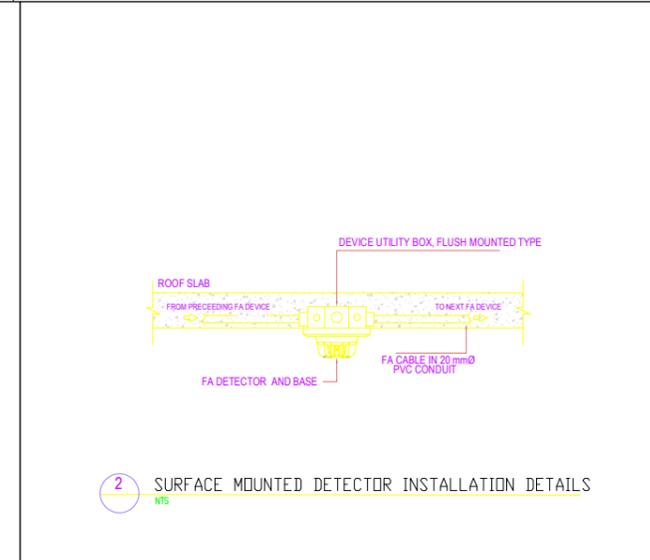
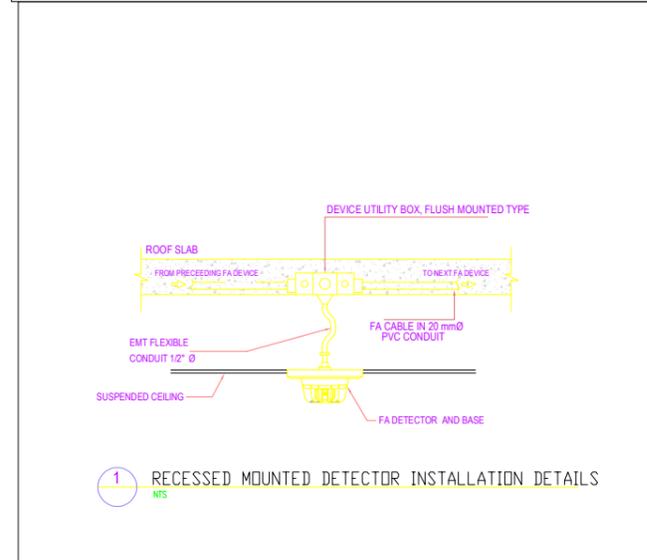
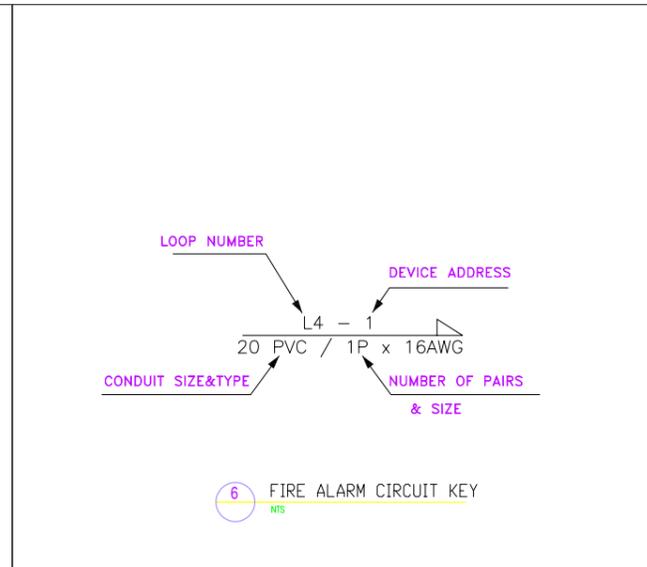
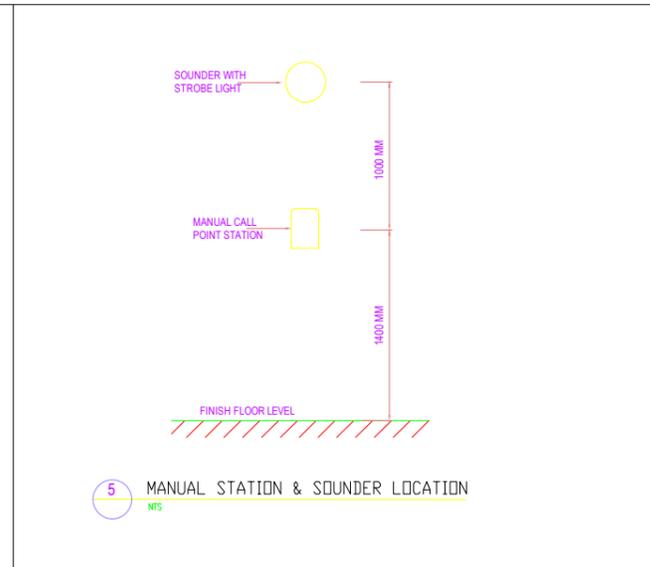
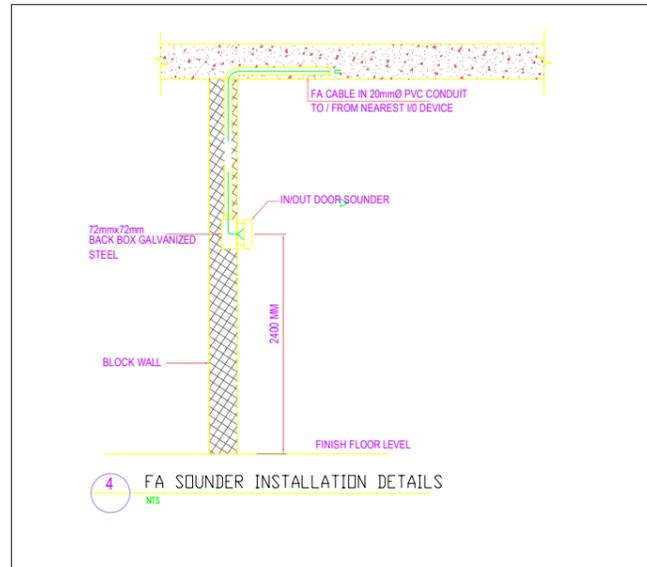
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PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	القواطع الكهربيه		
SHEET NO.	41		
DISTRICT.	LAND NO.	BLOCK NO.	
العقيق	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY – AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED – IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL – MOHAMMED MOSAAD		





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PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالعزیز عبدالله علی الزامل		
DRAWING NAME	التفاصيل الكهربيه		
SHEET NO.	42		
DISTRICT.	LAND NO.	BLOCK NO.	
العقيق	393	أب/1863	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		



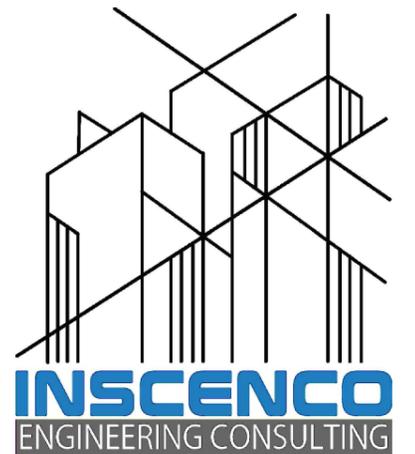


ملاحظات كهربية

ABBREVIATIONS:

AT	AMPERE TRIP
AF	AMPERE FRAME
AFFL	ABOVE FINISHED FLOOR LEVEL
CU	COPPER
DB	DISTRIBUTION BOARD
EF	EXHAUST FAN
WH	ELECTRIC WATER HEATER
FA	FIRE ALARM
G	GROUND

- توزيع من النوع الغاطس بالجدار وتكون معدنية مجهزة بقواطع تيار اتوماتيكية
- يراعى ان تكون دوائر مستقلة لكل من الانارة والبرايز المؤرصة ومخارج سخانات المياة والافران الكهربائيه وبراييز القوى كل على حدة
- يستخدم قاطع امبير لكل خط انارة وخط برايز بينما يستخدم قاطع ذو سعة امبير لكل من الافران الكهربائيه وبراييز القوى والمكيفات
- تسحب دوائر التليفزيون والتليفون فى مواسير مستقلة كل منها فى ماسورة
- يمكن زيادة عدد البراييز وتغيير اماكنها وكذا نقط الاضاءة وذلك حسب رغبة المالك وتحت اشراف المهندس المشرف
- تنفيذ خطوط وبراييز التليفزيونات والتليفونات فى كل غرفة وبالصالات حسب رغبة المالك
- يركب لفتحة المكيف حلق من الخشب سمك ١,٥ ويثبت مع الحائط لتثبيت المكيف نظام شبك
- يجب تمديد الكبلات الارضية فى مواسير PVC قطر ٣ من لوحة التوزيع الى القاطع الرئيسى ومن القاطع الرئيسى الى عداد الكهرباء
- يتم عمل الوصلات والدوائر الخاصة بالانترفون على البوابات وداخل المبنى على حسب رغبة الما
- توزع جميع الاحمال الكهربيه على الفازات الثلاث بالتساوى
- يقوم بتنفيذ الاعمال كهربائى متخصص ويتم العمل حسب المخطط وطبقا للمواصفات وحسب الاصول الفنية المتعارف عليها وحسب تعليمات المهندس المشرف



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PROJECT	شقق مخدمه (فندق)		
OWNER	عبدالمعز عبد الله على الزامل		
DRAWING NAME	التفاصيل الكهربيه		
SHEET NO.	44		
DISTRICT.	LAND NO.	BLOCK NO.	
العقيق	393	1863/أب	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		





ABBREVIATIONS:

AT AMPERE TRIP
AF AMPERE FRAME
AFFL ABOVE FINISHED FLOOR LEVEL
CU COPPER
DB DISTRIBUTION BOARD
EF EXHAUST FAN
WH ELECTRIC WATER HEATER
FA FIRE ALARM
G GROUND

ملاحظات كهربية

- تكون لوحات التوزيع من النوع الغاطس بالجدار وتكون معدنية مجهزة بقواطع تيار اتوماتيكية
- يراعى ان تكون دوائر مستقلة لكل من الانارة والبرايز المؤرصة ومخارج سخانات المياة والافران الكهربائية وبرايز القوى كل على حدة
- يستخدم قاطع امبير لكل خط انارة وخط برايز بينما يستخدم قاطع ذو سعة امبير لكل من الافران الكهربائية وبرايز القوى والمكيفات
- تسحب دوائر التليفزيون والتليفون فى مواسير مستقلة كل منها فى ماسورة
- يمكن زيادة عدد البرايز وتغيير اماكنها وكذا نقط الاضاءة وذلك حسب رغبة المالك وتحت اشراف المهندس المشرف
- تنفيذ خطوط وبرايز التليفزيونات والتليفونات فى كل غرفة وبالصالات حسب رغبة المالك
- يركب لفتحة المكيف حلق من الخشب سمك ١,٥ ويثبت مع الحائط لتثبيت المكيف نظام شبك
- يجب تمديد الكبلات الارضية فى مواسير PVC قطر ٣ من لوحة التوزيع الى القاطع الرئيسى ومن القاطع الرئيسى الى عداد الكهرباء
- يتم عمل الوصلات والدوائر الخاصة بالانترفون على البوابات وداخل المبنى على حسب رغبة المالك
- توزع جميع الاحمال الكهربائية على الفازات الثلاث بالتساوى
- يقوم بتنفيذ الاعمال كهربائى متخصص ويتم العمل حسب المخطط وطبقا للمواصفات وحسب الاصول الفنية المتعارف عليها وحسب تعليمات المهندس المشرف



PROJECT	شقق مخدومة (فندق)		
OWNER	عبدالمعز عبد الله على الزامل		
DRAWING NAME	التفاصيل الكهربيه		
SHEET NO.	45		
DISTRICT.	LAND NO.	BLOCK NO.	
العقيق	393	1863/أب	

SHEET INFORMATION

ID/ System	ZONE-CC-2025-02-27-4		
Architect	OMAR AL-SAMAHY - AHMED MOAMEN		
Structure	FETOUH MOHAMMED - MANAR MOHAMMED		
Electrical	ROKIA MOHAMMED - IBRAHIM ADEL		
Mechanical	MOSTAFA GAMAL - MOHAMMED MOSAAD		

