



روض الخزامى

Rowdh Alkhuzama

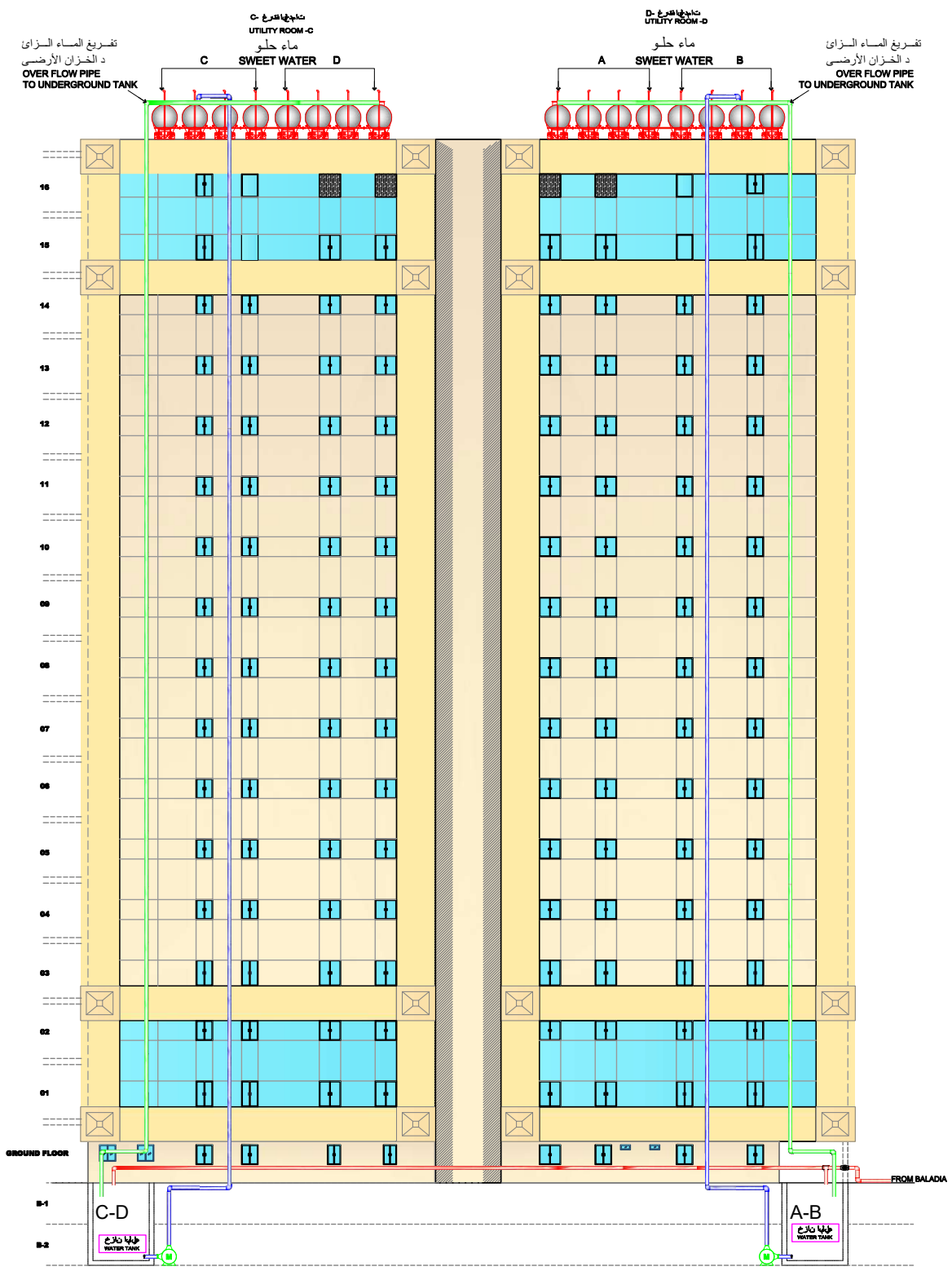
دليل المستخدم
برج روض الخزامى السكني

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مخطط تمدات الماء الحلو من الخزان الأرضي إلى الخزان العلوي مع توضيح ارقام المضخات

PLAN SHOWING THE LAYOUT OF PIPE FROM UNDERGROUND TANK TO OVERHEAD TANK



LEGENDS & SYMBOLS



OVERHEAD WATER TANK



WATER MOTOR



WATER METER



SWEET WATER PIPE



FROM BALADEYA PIPE



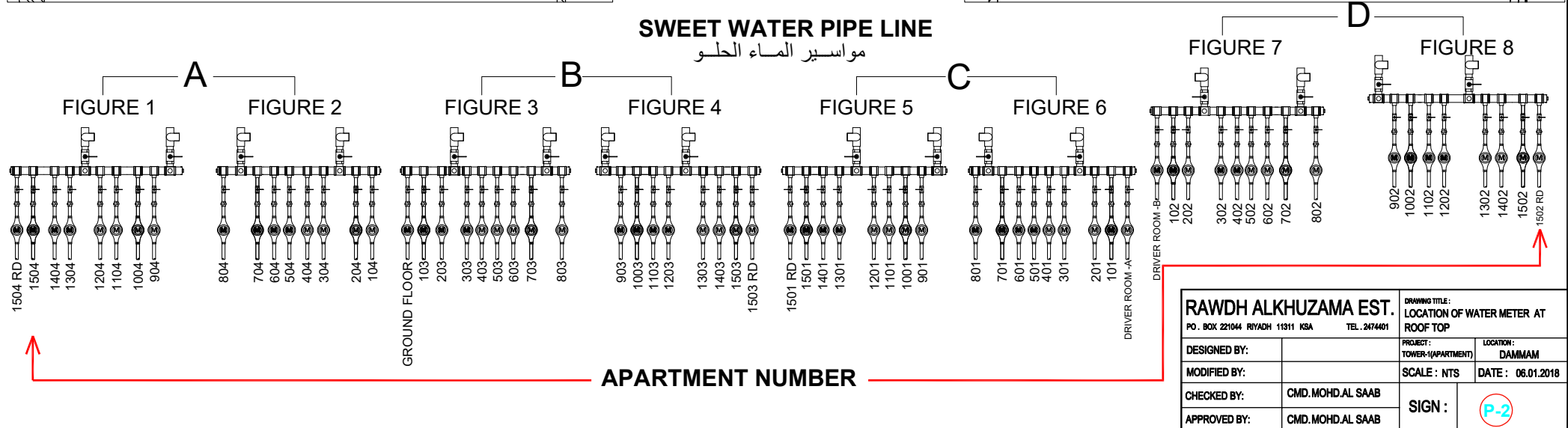
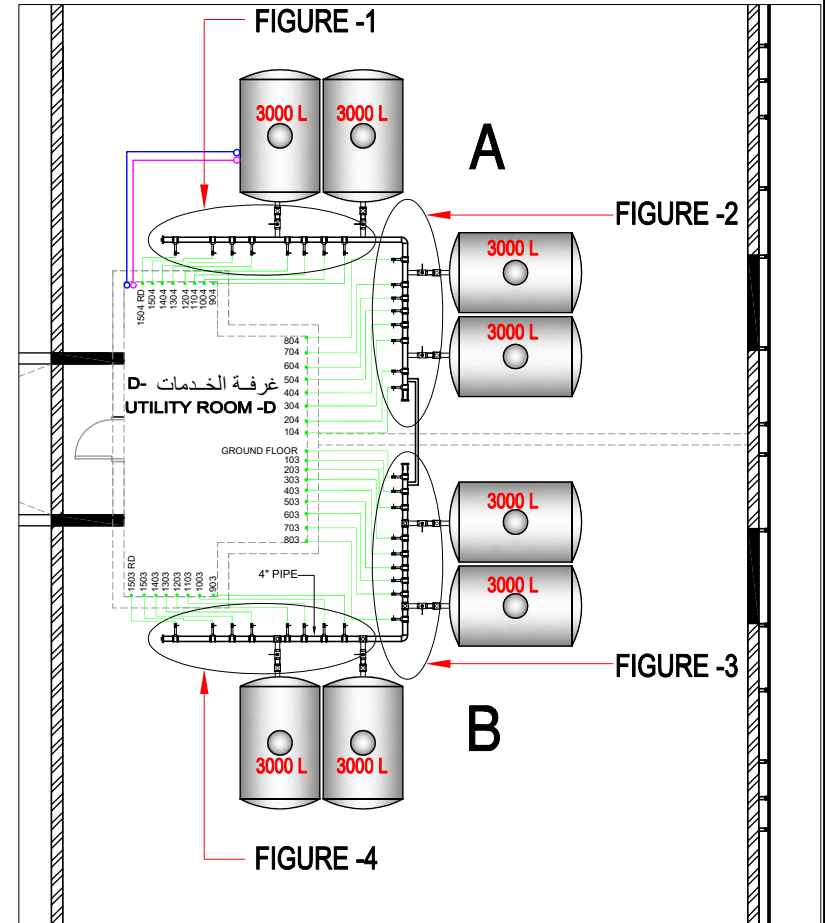
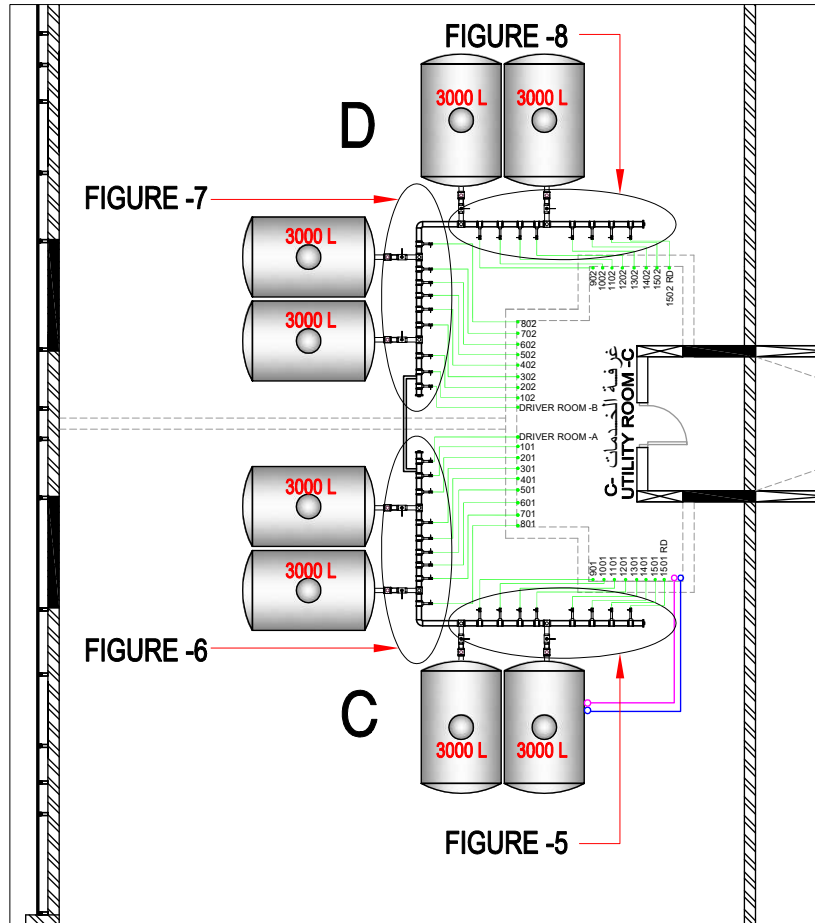
OVERFLOW PIPE

P-1

RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO . BOX 221044 RYADH 11311 KSA TEL . 2474401		SWEET WATER SUPPLY TO OVERHEAD TANK	
DESIGNED BY:		PROJECT:	LOCATION:
MODIFIED BY:		TOWER-1(APARTMENT)	DAMMAM
CHECKED BY:	CMD.MOHD.AL SAAB	SCALE :	DATE :
APPROVED BY:	CMD.MOHD.AL SAAB	SIGN :	

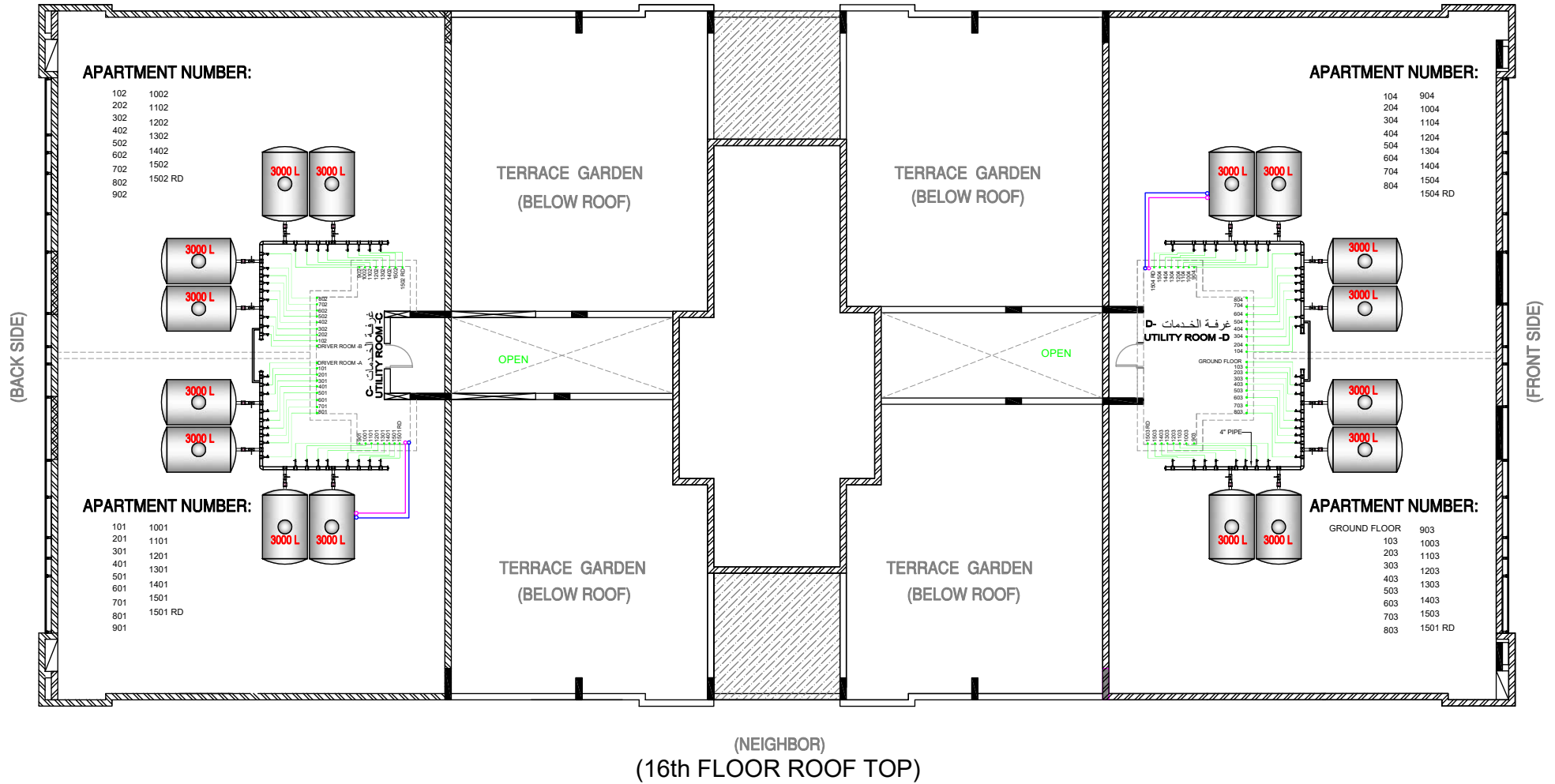
PLAN SHOWING THE LAYOUT OF DISTRIBUTION PIPE FROM OVERHEAD TANK TO THE APARTMENT

مخطط يوضح توزيع عدادات الماء و مواسير من الخزان العلوي الى الشقق



مخطط يوضح توزيع مواسير الماء من الخزان العلوي الى الشقق

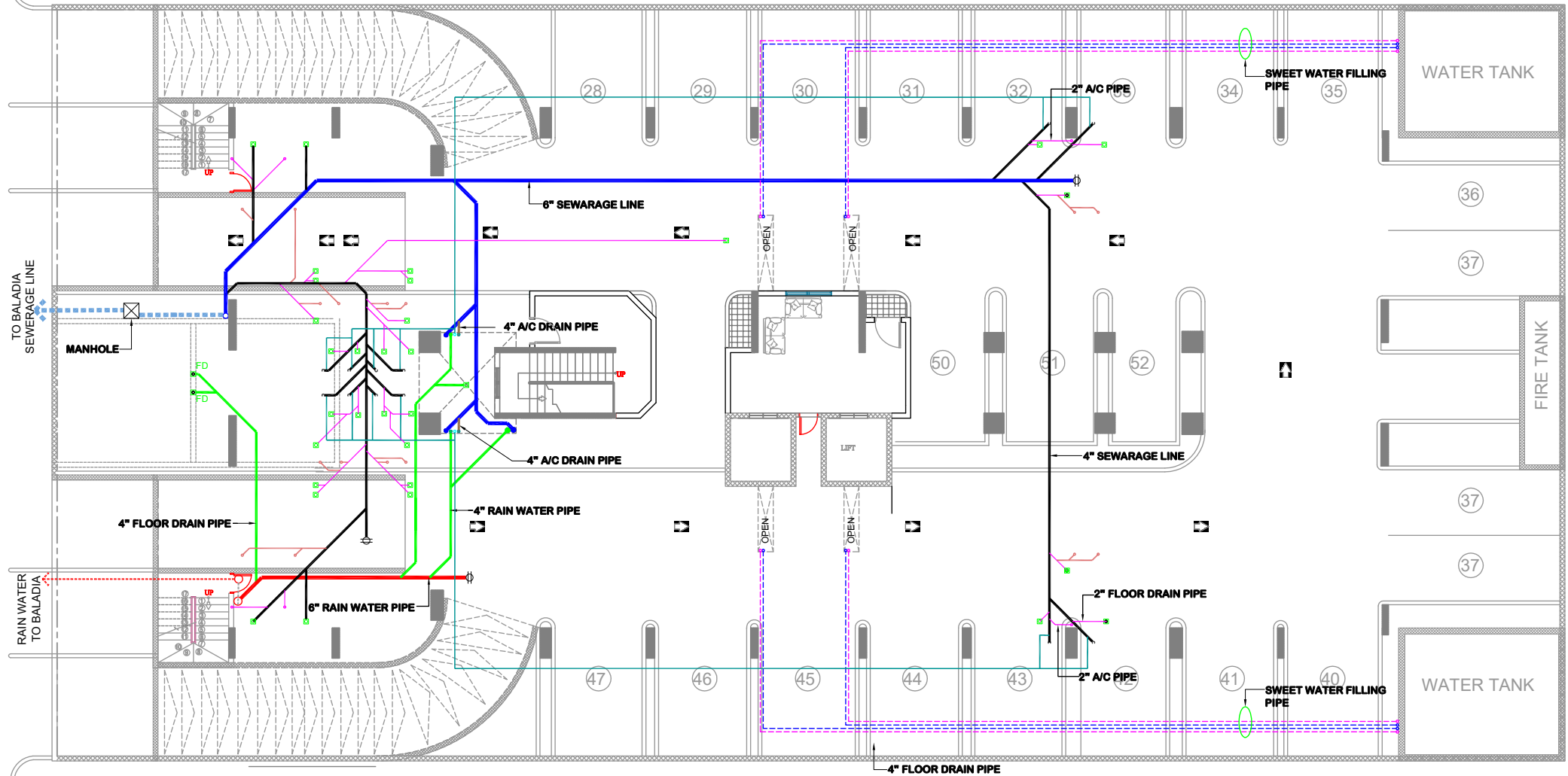
PLAN SHOWING THE LAYOUT OF DISTRIBUTION PIPE
FROM OVERHEAD TANK TO THE APARTMENT
(NEIGHBOR)



LEGENDS & SYMBOLS	
	1 1/2" WATER FILLING PIPE
	1 1/4" WATER OVERFLOW PIPE
	1 1/2" WATER SUPPLY PIPE

RAWDH ALKHUZAMA EST.		DRAWING TITLE: OVERHEAD TANK WATER DISTRIBUTION LAYOUT	
PO. BOX 221044 RIYADH 11511 KSA		TEL. 2474401	
DESIGNED BY:		PROJECT: TOWER-1(APARTMENT)	LOCATION: DAMMAM
MODIFIED BY:		SCALE: NTS	DATE: 06.01.2018
CHECKED BY:	CMD.MOHD.AL SAAB	SIGN :	
APPROVED BY:	CMD.MOHD.AL SAAB		

PLAN SHOWING THE SEWERAGE SYSTEM FROM MANHOLE TO BALADEYA SEWERAGE LINE



LEGENDS & SYMBOLS	
	8" SEWERAGE PIPE
	6" SEWERAGE PIPE
	SEWERAGE MANHOLE
	4" RAIN WATER PIPE
	OVERFLOW PIPE
	4" SEWERAGE PIPE

LEGENDS & SYMBOLS	
	6" RAIN WATER PIPE
	FLOOR DRAIN
	1 1/2" AIR PIPE
	2" FLOOR DRAIN
	WATER FILLING
	1 1/2" WASHBASIN DRAIN

RAWDH ALKHUZAMA EST.		DRAWING TITLE: SEWERAGE & SANITARY FITTING SYSTEM	
PO . BOX 221044 RIYADH 11311 KSA		TEL . 2474401	
DESIGNED BY:		PROJECT: TOWER-1(APARTMENT)	LOCATION: DAMMAM
MODIFIED BY:		SCALE : NTS	DATE : 08.01.2018
CHECKED BY:	CMD.MOHD.AL SAAB	SIGN :	
APPROVED BY:	CMD.MOHD.AL SAAB		

* مثال توزيع الماء الحلو داخل الشقة SWEET WATER

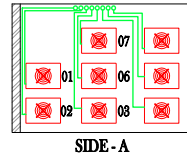
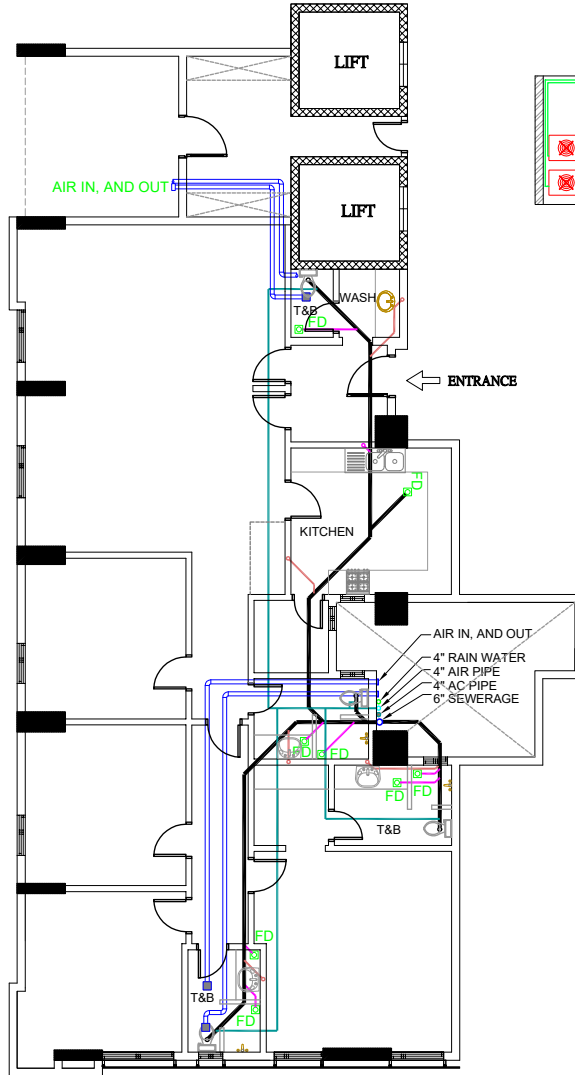
* مثال توزيع تصريف ماء المكيفات AIRCON DRAIN

* مثال توزيع ماء تصريف المجاري داخل الشقة SEWERAGE SYSTEM

مخطط مواسير SCHEMATIC PIPING DIAGRAM

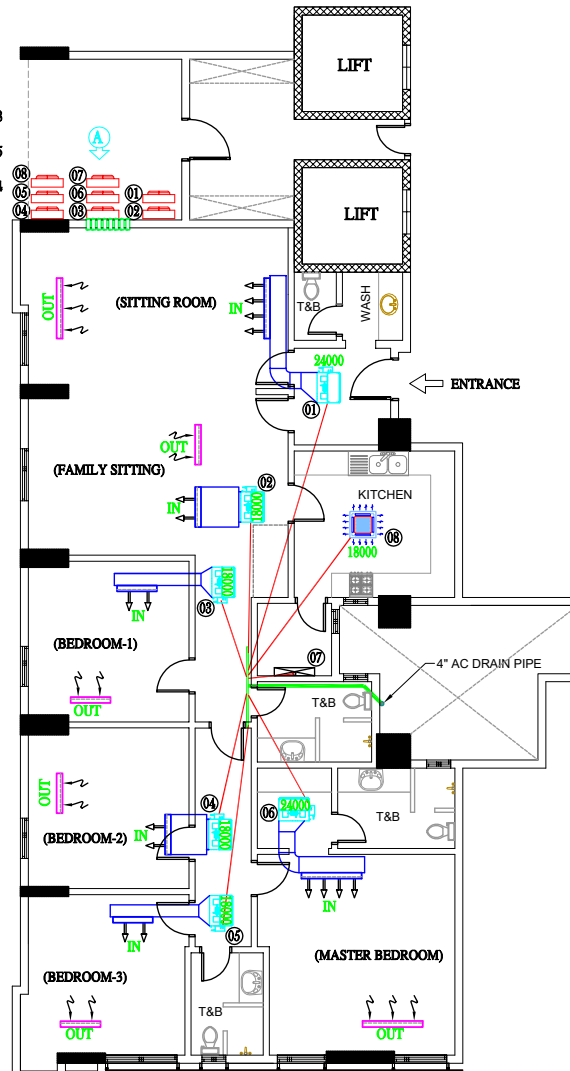
SEWERAGE SYSTEM

مثال توزيع ماء تصريف المجاري داخل الشقة



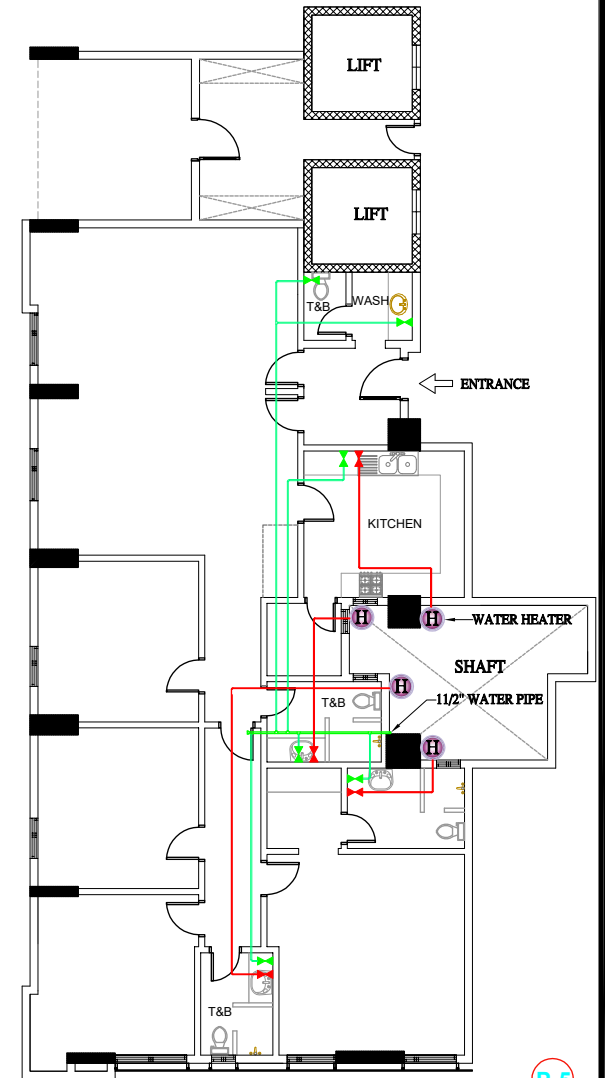
AIRCON DRAIN

مثال توزيع تصريف ماء المكيفات



SWEET WATER

مثال توزيع الماء الحلو داخل الشقة



LEGENDS & SYMBOLS

	FLOOR DRAIN
	2" FLOOR DRAIN & KITCHEN ZINC DRAIN
	4" SEWERAGE LINE
	1 1/2" WASHBASIN & WASHING MACHINE DRAIN
	1 1/2" AIR PIPE
	4" EXHAUST PIPE (IN/OUT)

LEGENDS & SYMBOLS

	RLD - RETURN LINEAR DIFFUSER
	SLD - SUPPLY LINEAR DIFFUSER
	CONCEALED UNIT
	SPLIT TYPE WALL MOUNTED

LEGENDS & SYMBOLS

	CASSETTE TYPE
	AC DRAIN PIPE

LEGENDS & SYMBOLS

	GATE VALVE, COLD WATER سكّر الماء البارد
	GATE VALVE, HOT WATER سكّر الماء الساخن
	WATER HEATER

RAWDH ALKHUZAMA EST.

P.O. BOX 221044 RYADH 11311 KSA

TEL. 2474401

DRAWING TITLE:

SCHEMATIC PIPING DIAGRAM

DESIGNED BY:

MODIFIED BY:

CHECKED BY:

APPROVED BY:

CMD.MOHD.AL SAAB

CMD.MOHD.AL SAAB

CMD.MOHD.AL SAAB

CMD.MOHD.AL SAAB

PROJECT:

TOWER-1(APARTMENT)

SCALE: NTS

SIGN :

LOCATION:

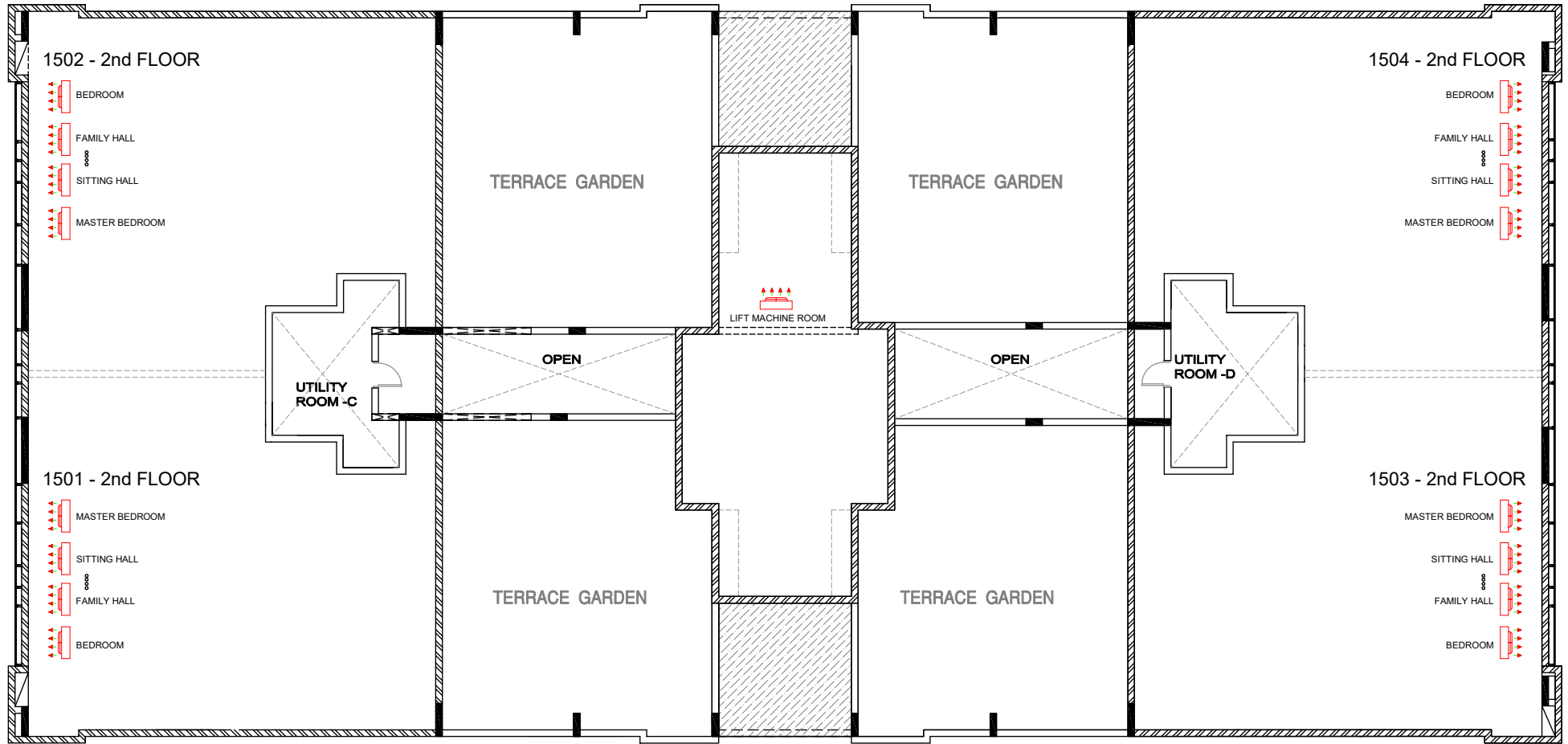
DAMMAM

DATE: 5.02.2019

P-5

مخطط يوضح توزيع المكيفات حسب ترقيم الشقق في السطح

PLAN SHOWING THE AIRCON UNIT AT THE ROOFTOP



LEGENDS & SYMBOLS

○	AIRCON PIPE	تمديد النحاس
AIRCON UNIT المكيف AIR OUTLET مخرج الهواء ← ← ← AIR INLET منخل الهواء ← ← ←		

RAWDH ALKHUZAMA EST.

PO. BOX 221944 RYADH 11511 KSA TEL. 2474401

DESIGNED BY:

MODIFIED BY:

CHECKED BY:

APPROVED BY:

CMD. MOHD. AL SAAB

CMD. MOHD. AL SAAB

CMD. MOHD. AL SAAB

DRAWING TITLE:

LOCATION OF AIRCON UNIT

PROJECT:

TOWER-1 (APARTMENT)

SCALE: NTS

SIGN:

LOCATION:

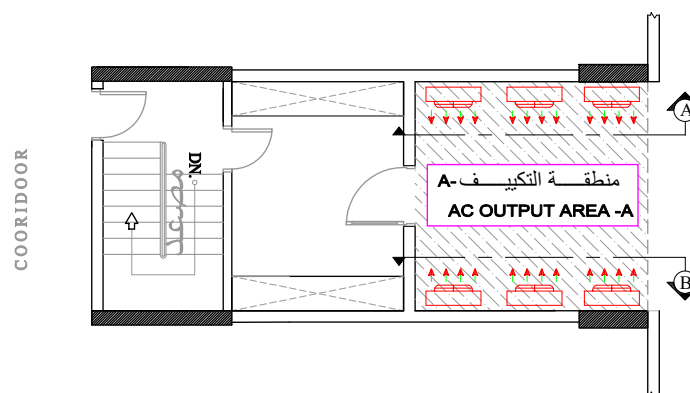
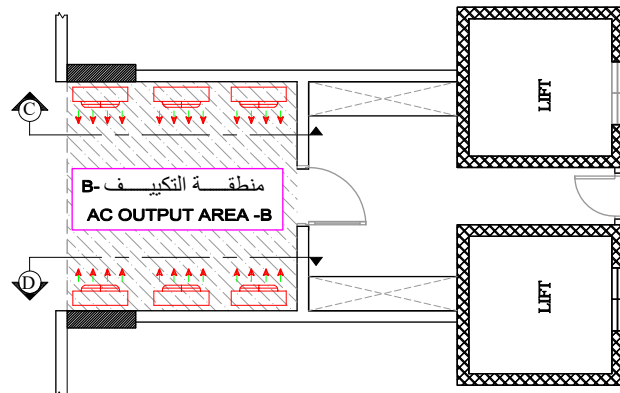
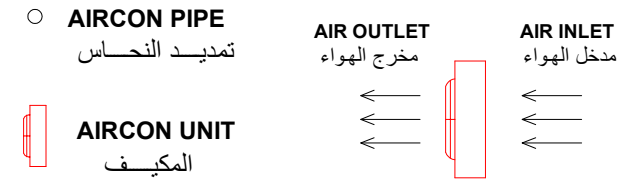
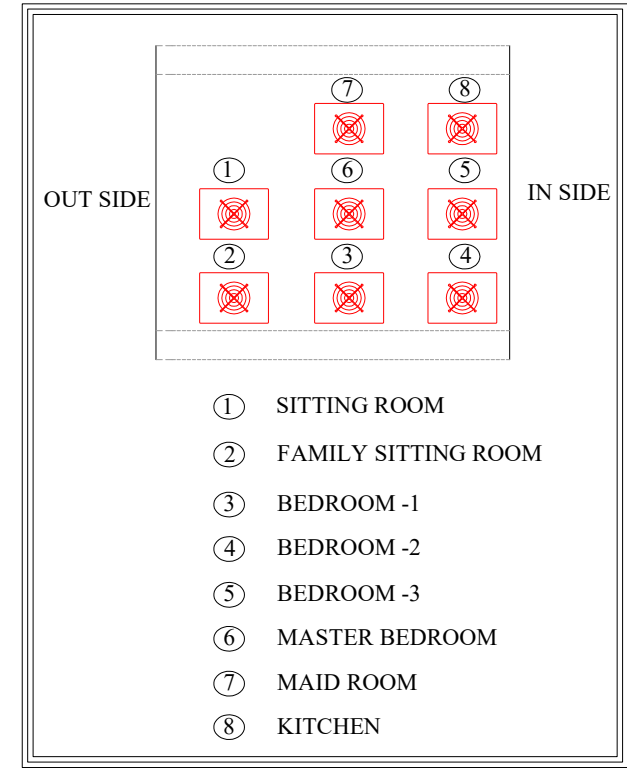
DAMMAM

DATE: 5.02.2019

M-6

مخطط يوضح توزيع المكيفات حسب ترقيم الشقق في مناطق التكييف A,B

PLAN SHOWING THE AIRCON UNIT AT THE AC OUTPUT AREA A,B

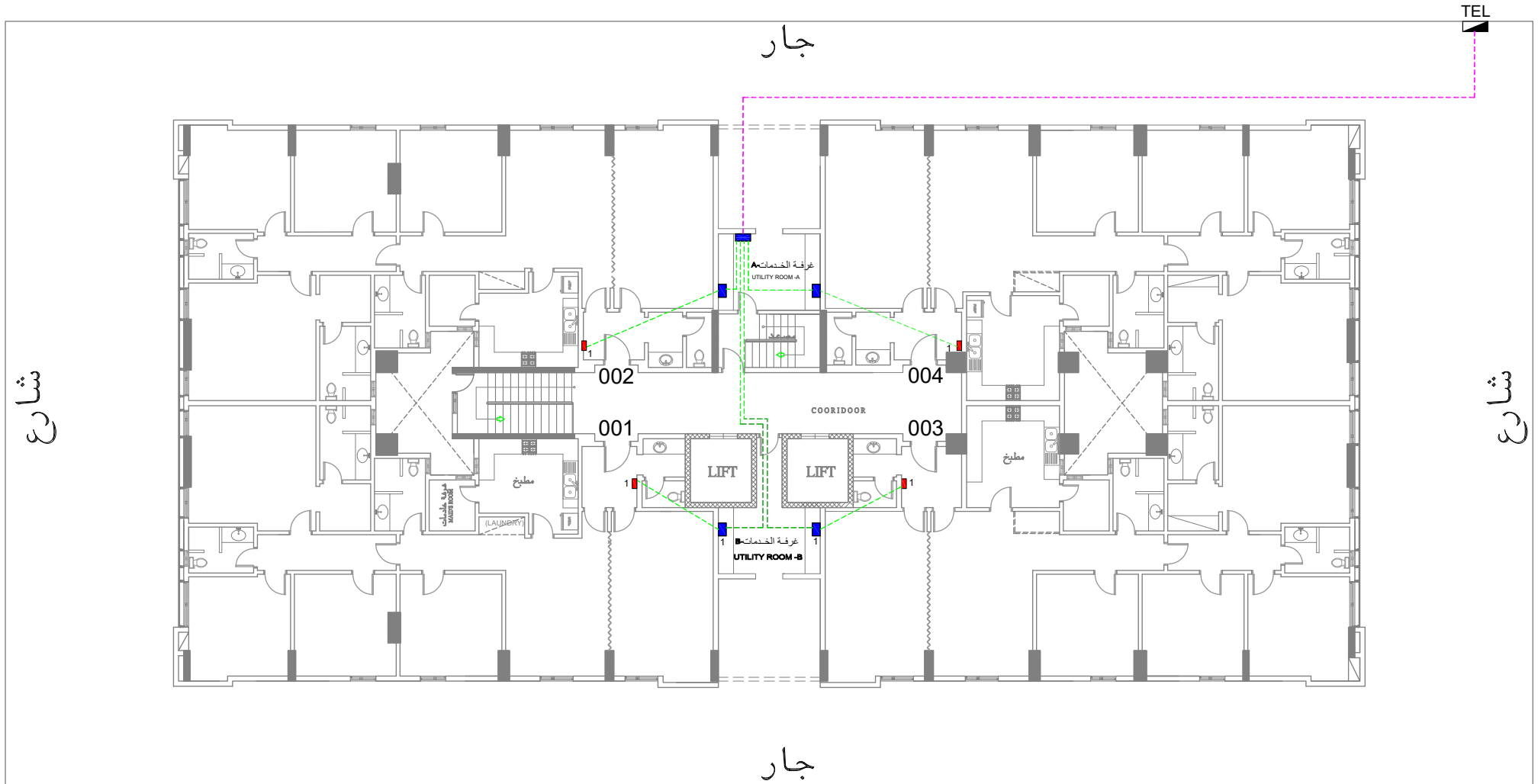


RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 221044 RIYADH 11311 KSA TEL. 2474401		AIRCON LAYOUT AT AC OUTPUT AREA	
DESIGNED BY:		PROJECT:	LOCATION:
MODIFIED BY:		TOWER-(APARTMENT)	DAMMAM
CHECKED BY:	CMD.MOHD.AL SAAB	SCALE: NTS	DATE: 5.02.2019
APPROVED BY:	CMD.MOHD.AL SAAB	SIGN:	

مخطط يوضح تمديدات الهاتف من الشارع الى الشقة

PLAN SHOWING LAYOUT OF TELEPHONE

FROM APARTMENT TO TELEPHONE SERVICE PROVIDER



LEGENDS & SYMBOLS	
	SERVICE METAL BOX علبية الداخل الممرات
	METAL BOX علبية داخل الشقة
	TELEPHONE TAPING POINT علبية داخل الشقة

RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 221044 RYADH 11311 KSA TEL. 2474401		TELEPHONE PIPING PLAN	
DESIGNED BY:		PROJECT:	LOCATION:
MODIFIED BY:		TOWER-1 (APARTMENT)	DAMMAM
CHECKED BY:	CMD. MOHD. AL SAAB	SCALE: NTS	DATE: 5.02.2019
APPROVED BY:	CMD. MOHD. AL SAAB	SIGN:	

مخطط يوضح توزيع بوكسيات الهاتف داخل الشقة الى خارج العمارة

PLAN SHOWING LAYOUT THE TELEPHONE FROM APARTMENT TO
TELEPHONE SERVICE PROVIDER



LEGENDS & SYMBOLS

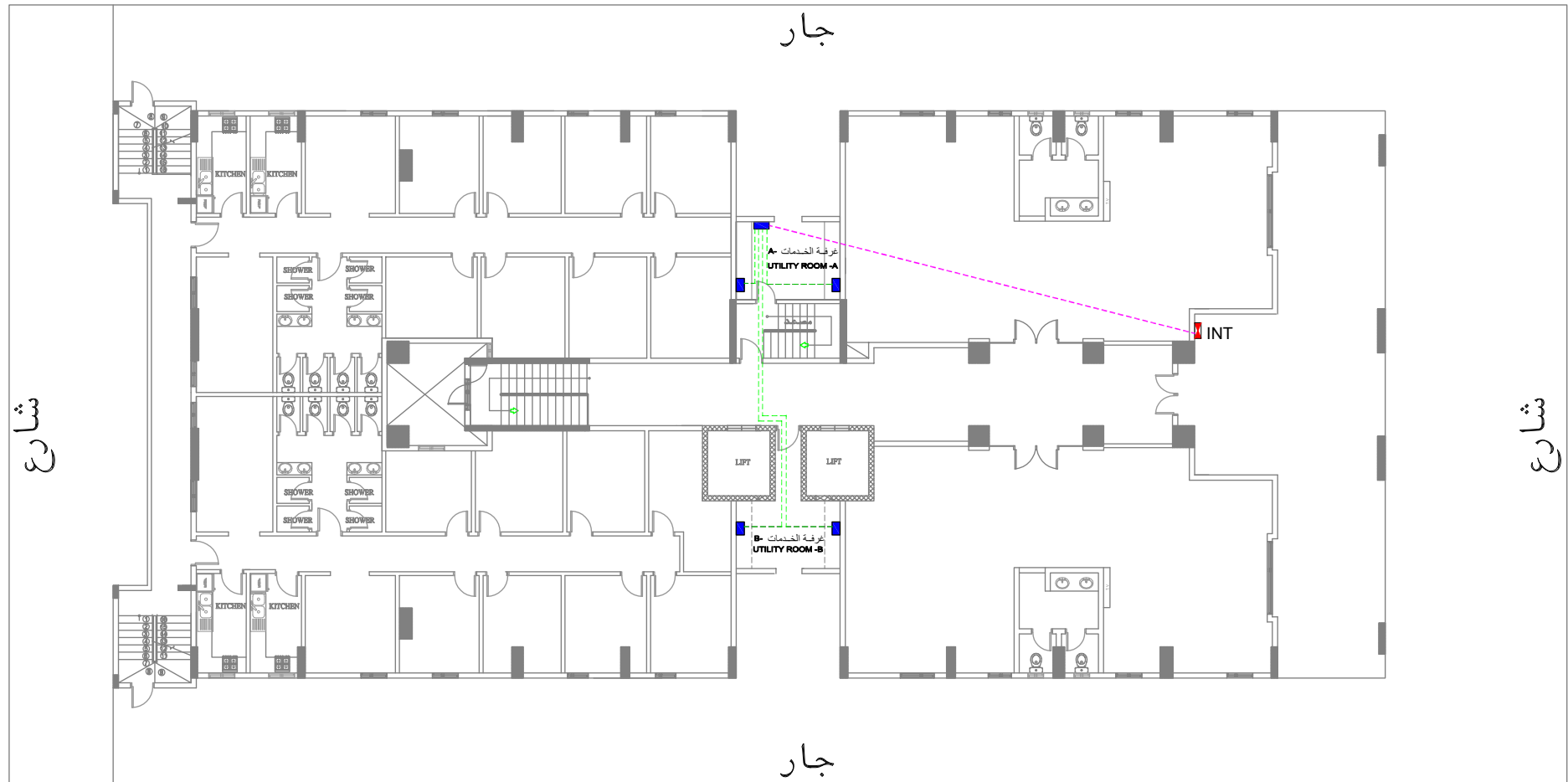
- SERVICE METAL BOX
علبة الداخل الممرات
- METAL BOX
علبة داخل الشقة
- TEL
TELEPHONE MAIN PANEL
علبة الهاتف في السور الخارجى

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RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 221044 RIYADH 11311 KSA TEL. 2474401		TELEPHONE SINGLE LINE DIAGRAM	
DESIGNED BY:		PROJECT:	LOCATION:
MODIFIED BY:		TOWER (APARTMENT)	DAMMAM
CHECKED BY:	CMD.MOHD.AL SAAB	SCALE:	DATE: 5.02.2019
APPROVED BY:	CMD.MOHD.AL SAAB	SIGN:	

مخطط يوضح تمديدات انتر كوم من باب العمارة الى بوكسيات الخدمة

PLAN SHOWING LAYOUT OF INTERCOM FROM MAIN ENTRANCE TO SERVICE BOX



LEGENDS & SYMBOLS

-  INTERCOM SERVICE BOX
-  INTERCOM MAIN PANEL

RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 221044 RYADH 11311 KSA TEL. 2474401		INTERCOM FLOOR PLAN (GROUND FLOOR)	
DESIGNED BY:		PROJECT:	LOCATION:
MODIFIED BY:		TOWER-(APARTMENT)	DAMMAM
CHECKED BY:	CMD. MOHD. AL SAAB	SCALE: NTS	DATE: 5.02.2019
APPROVED BY:	CMD. MOHD. AL SAAB	SIGN:	

P-10

مخطط يوضح توزيع الانتركوم من الشقة الى الباب

PLAN SHOWING INTERCOM FROM APARTMENT TO THE DOOR OF MAIN ENTRANCE



LEGENDS & SYMBOLS



SERVICE METAL BOX

علبة في الممرات



METAL BOX

علبة الداخل الشقة



INTERCOM PANEL

انتركوم في المدخل العمارة

E-11

RAWDH ALKHUZAMA EST.

PO. BOX 221044 RYADH 11311 KSA

TEL. 2474401

DRAWING TITLE:

INTERCOM SINGLE LINE DIAGRAM

DESIGNED BY:

PROJECT:

LOCATION:

MODIFIED BY:

TOWER-(APARTMENT)

DAMMAM

CHECKED BY:

CMD.MOHD.AL SAAB

SCALE: NTS

DATE: 5.02.2019

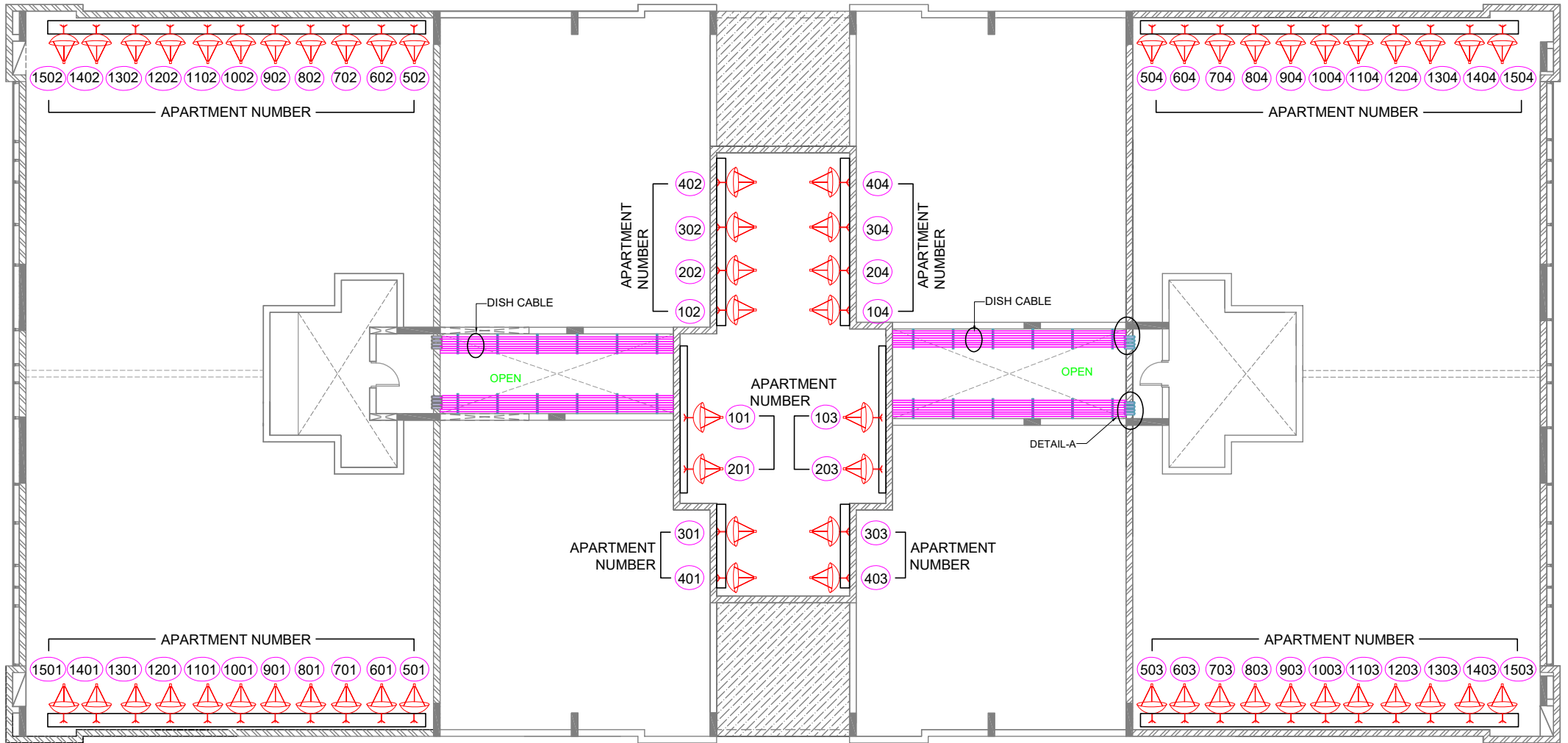
APPROVED BY:

CMD.MOHD.AL SAAB

SIGN:

مخطط يوضح توزيع الدش حسب ترقيم الشقق في السطح

PLAN SHOWING THE LAYOUT OF SATELLITE DISH AT THE ROOFTOP



RECEIVER DISH UNIT

دش

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RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 221044 RYADH 11311 KSA TEL. 2474401		LOCATION OF SATELLITE DISH AT	
PROJECT:		TOWER-1 (APARTMENT)	
DESIGNED BY:		DAMMAM	
MODIFIED BY:		SCALE : NTS	
CHECKED BY:		DATE : 5.02.2019	
APPROVED BY:		SIGN :	
CMD.MOHD.AL SAAB			
CMD.MOHD.AL SAAB			

مخطط يوضح توزيع بوكسيات الدش داخل الشقة الى خارج العمارة

PLAN SHOWING THE SATELLITE DISH FROM ROOFTOP TO THE APARTMENT



LEGENDS & SYMBOLS

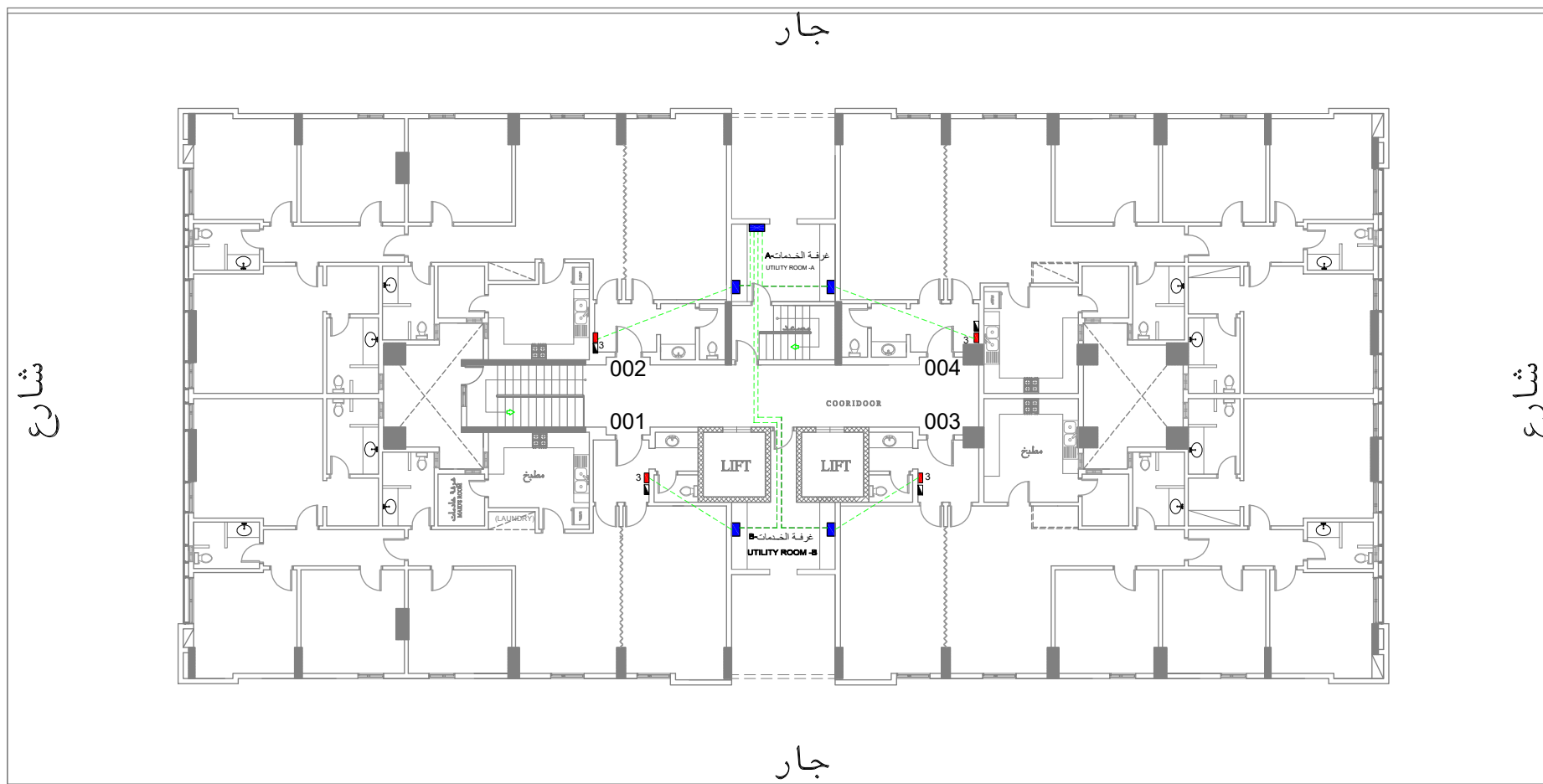
- SERVICE METAL BOX
علبة الداخل الممرات
- METAL BOX
علبة داخل الشقة
- ⬆ RECEIVER DISH UNIT
دش

P-13

RAWDH ALKHUZAMA EST. P.O. BOX 221044 RIYADH 11311 KSA TEL: 2474401		DRAWING TITLE: TELEVISION SINGLE LINE DIAGRAM	
DESIGNED BY:		PROJECT: TOWER-1(APARTMENT)	LOCATION: DAMMAM
MODIFIED BY:		SCALE: NTS	DATE: 5.02.2019
CHECKED BY:	CMD.MOHD.AL SAAB	SIGN :	
APPROVED BY:	CMD.MOHD.AL SAAB		

مخطط يوضح توصيلات التلفزيون من بكسية الشقة الى الغرف

PLAN SHOWING CONNECTION FROM TV METAL BOX TO TV SERVICE BOX



LEGENDS & SYMBOLS

- SERVICE METAL BOX
علبة الداخل الممرات
- METAL BOX
علبة داخل الشقة
- PANELBOARD
طبلون الكهرباء

P-14

RAWDH ALKHUZAMA EST.

PO. BOX 221044 RIYADH 11511 KSA TEL. 2474401

DRAWING TITLE:
TELEVISION PIPING LAYOUT PLAN

DESIGNED BY:

PROJECT:
TOWER-1(APARTMENT)

MODIFIED BY:

SCALE : NTS

CHECKED BY: CMD. MOHD.AL SAAB

DATE : 5.02.2019

APPROVED BY: CMD. MOHD.AL SAAB

SIGN :

AIRCON OUTLET * مشال مخطط يوضح تمديدات كهرباء المكيفات

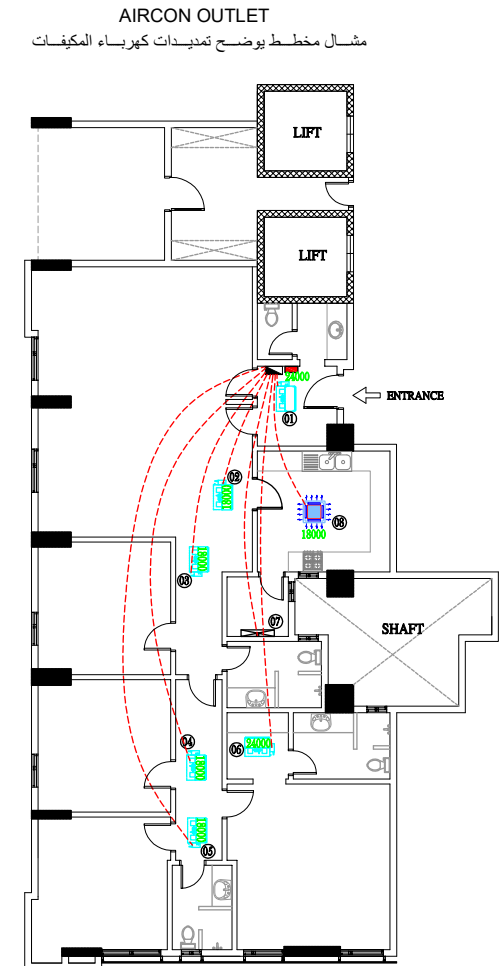
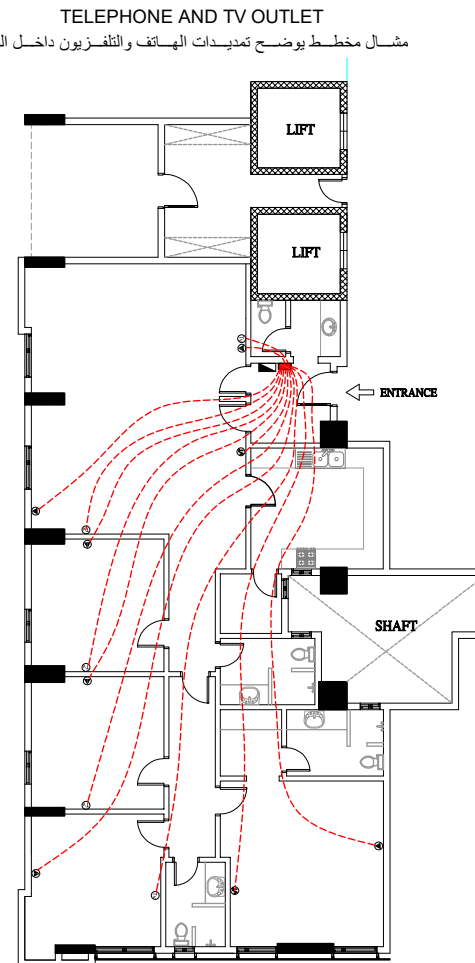
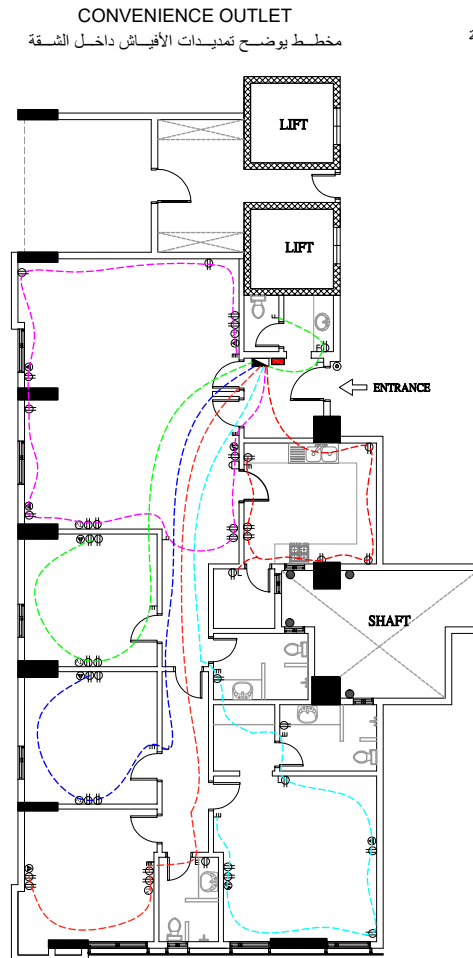
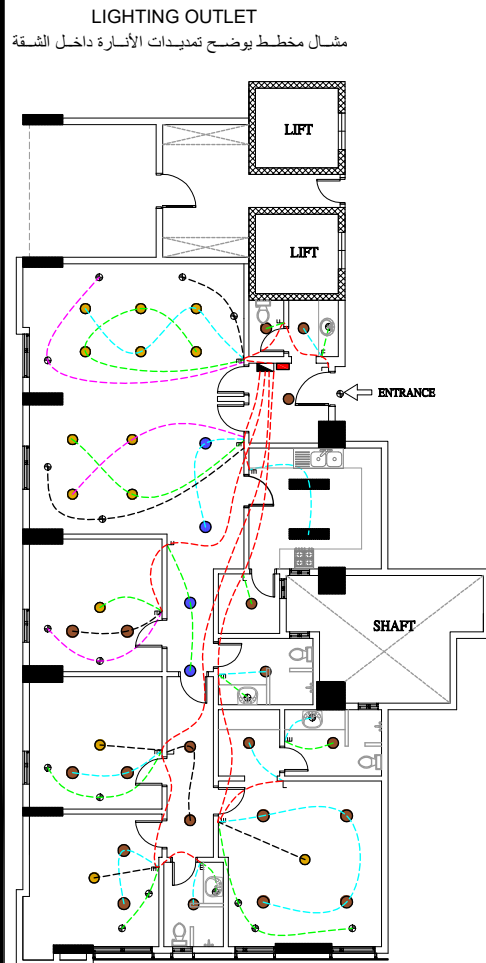
TELEPHONE AND TV OUTLET * مشال مخطط يوضح تمديدات الهاتف والتلفزيون داخل الشقة

CONVENIENCE OUTLET * مخطط يوضح تمديدات الأفيش داخل الشقة

LIGHTING OUTLET * مشال مخطط يوضح تمديدات الأنارة داخل الشقة

SCHEMATIC WIRING DIAGRAM

مخطط اسلاك



LEGENDS & SYMBOLS

⊕	CONVENIENCE OUTLET, 220V
⊕	CONVENIENCE OUTLET, 110V
⊕	ELECTRIC RANGE OUTLET
●	WATER HEATER OUTLET
▼	TELEPHONE OUTLET

LEGENDS & SYMBOLS

TV	TELEVISION OUTLET
⊕	INTERCOM HEADSET
⊙	BELL SWITCH
┌	1 GANG SWITCH
┐	2 GANG SWITCH
≡	3 GANG SWITCH

LEGENDS & SYMBOLS

≡	4 GANG SWITCH
↗	2 WAY SWITCH
▬	PANEL BOARD
■	TELEPHONE AND TV SERVICE BOX

P-15

RAWDH ALKHUZAMA EST.

PO. BOX 221044 RIYADH 11511 KSA

TEL. 2474401

DRAWING TITLE:

SCHEMATIC WIRING DIAGRAM

DESIGNED BY:

MODIFIED BY:

CHECKED BY:

APPROVED BY:

CMD. MOHD. AL SAAB

CMD. MOHD. AL SAAB

CMD. MOHD. AL SAAB

CMD. MOHD. AL SAAB

PROJECT:

SCALE: NTS

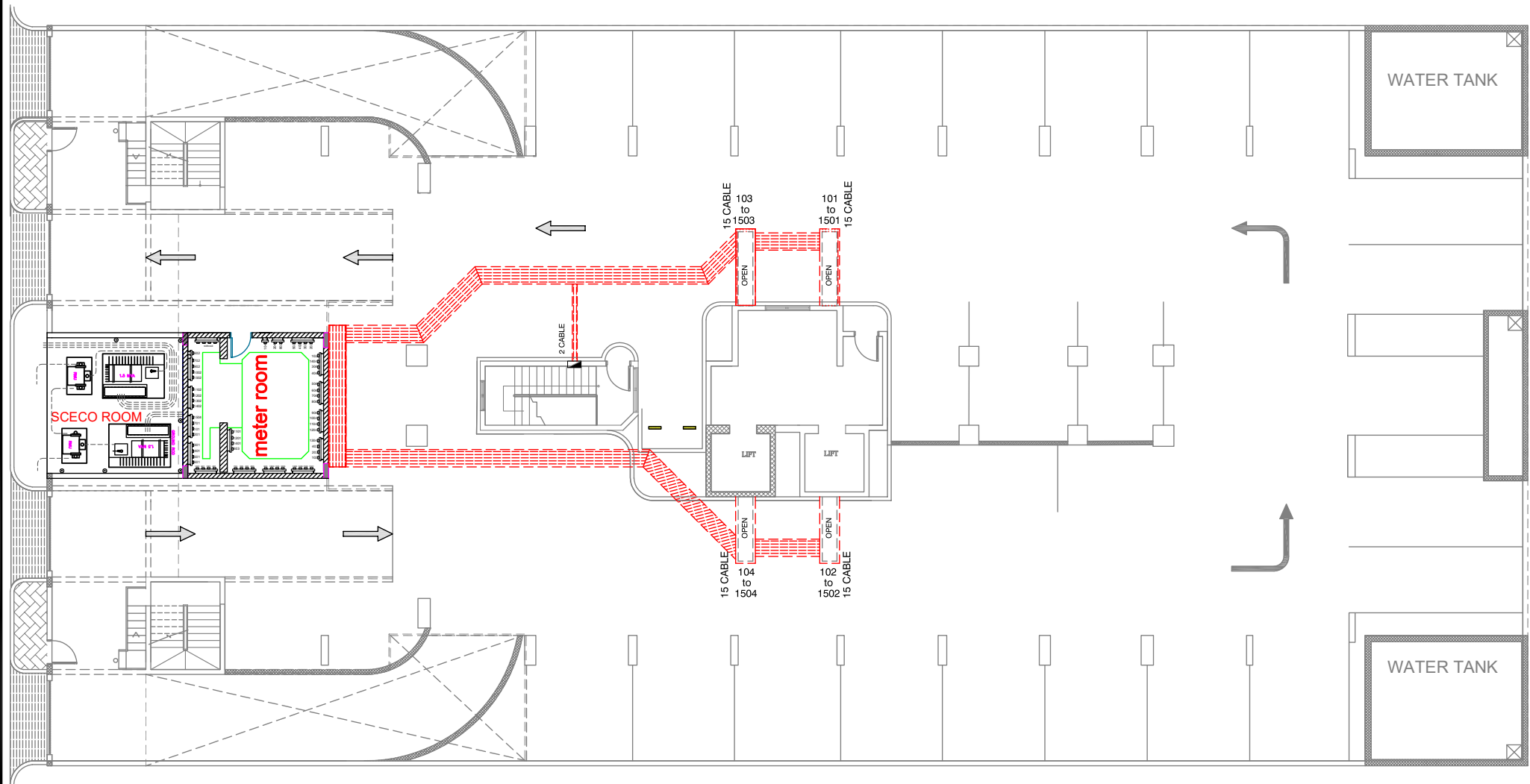
SIGN:

DATE: 5.02.2019

LOCATION:

DAMMAM

مخطط يوضح تمديدات كوابل الكهرباء من غرفة الكهرباء الى طبلون الشقة
PLAN SHOWING ELECTRIC CABLES FROM APARTMENT TO THE METER ROOM

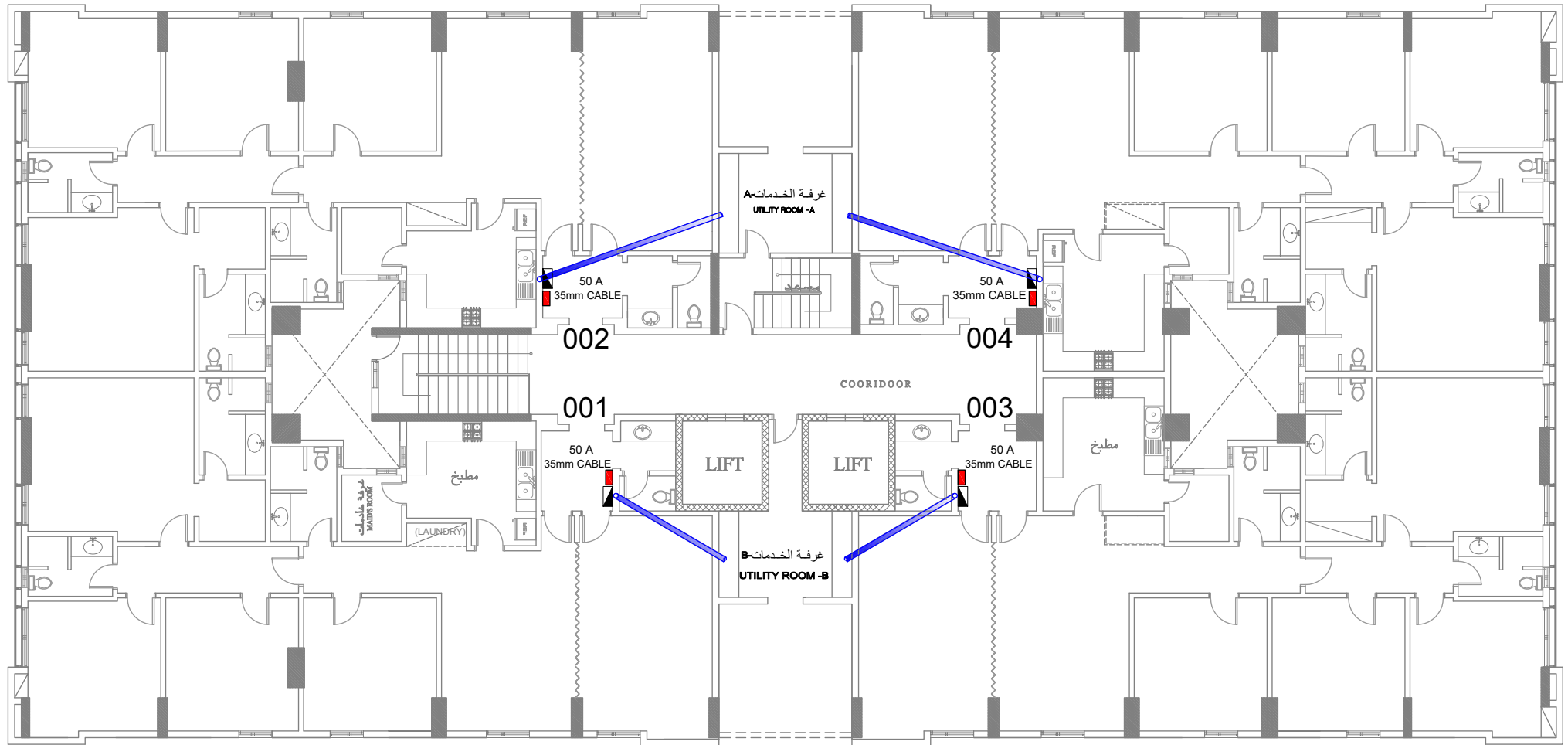


LEGENDS & SYMBOLS	
	CABLE TRAY
	PANEL BOARD

RAWDH ALKHUZAMA EST.		DRAWING TITLE: CABLE TRAY LAYOUT PLAN (BASEMENT-2)	
PO. BOX 221044 RIYADH 11511 KSA		TEL. : 2474401	
DESIGNED BY:		PROJECT: TOWER-1(APARTMENT)	LOCATION: DAMMAM
MODIFIED BY:		SCALE : NTS	DATE : 5.02.2019
CHECKED BY:	CMD.MOHD.AL SAAB	SIGN :	
APPROVED BY:	CMD.MOHD.AL SAAB		

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مخطط يوضح تمديدات كوابل الكهرباء من غرفة الكهرباء الى طبلون الشقة
PLAN SHOWING ELECTRIC CABLES FROM APARTMENT TO THE METER ROOM



LEGENDS & SYMBOLS	
	2½" PVC PIPE FOR ELECTRIC CABLE
	PANEL BOARD 50A
	SERVICE BOX

RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 221044 RYADH 11311 KSA TEL. : 2474421		CABLE LAYOUT PLAN FOR APARTMENT (TYPICAL FLOOR)	
DESIGNED BY:		PROJECT:	LOCATION:
MODIFIED BY:		TOWER-(APARTMENT)	DAMMAM
CHECKED BY:	CMD.MOHD.AL SAAB	SCALE : NTS	DATE : 5.02.2019
APPROVED BY:	CMD.MOHD.AL SAAB	SIGN :	

P-17

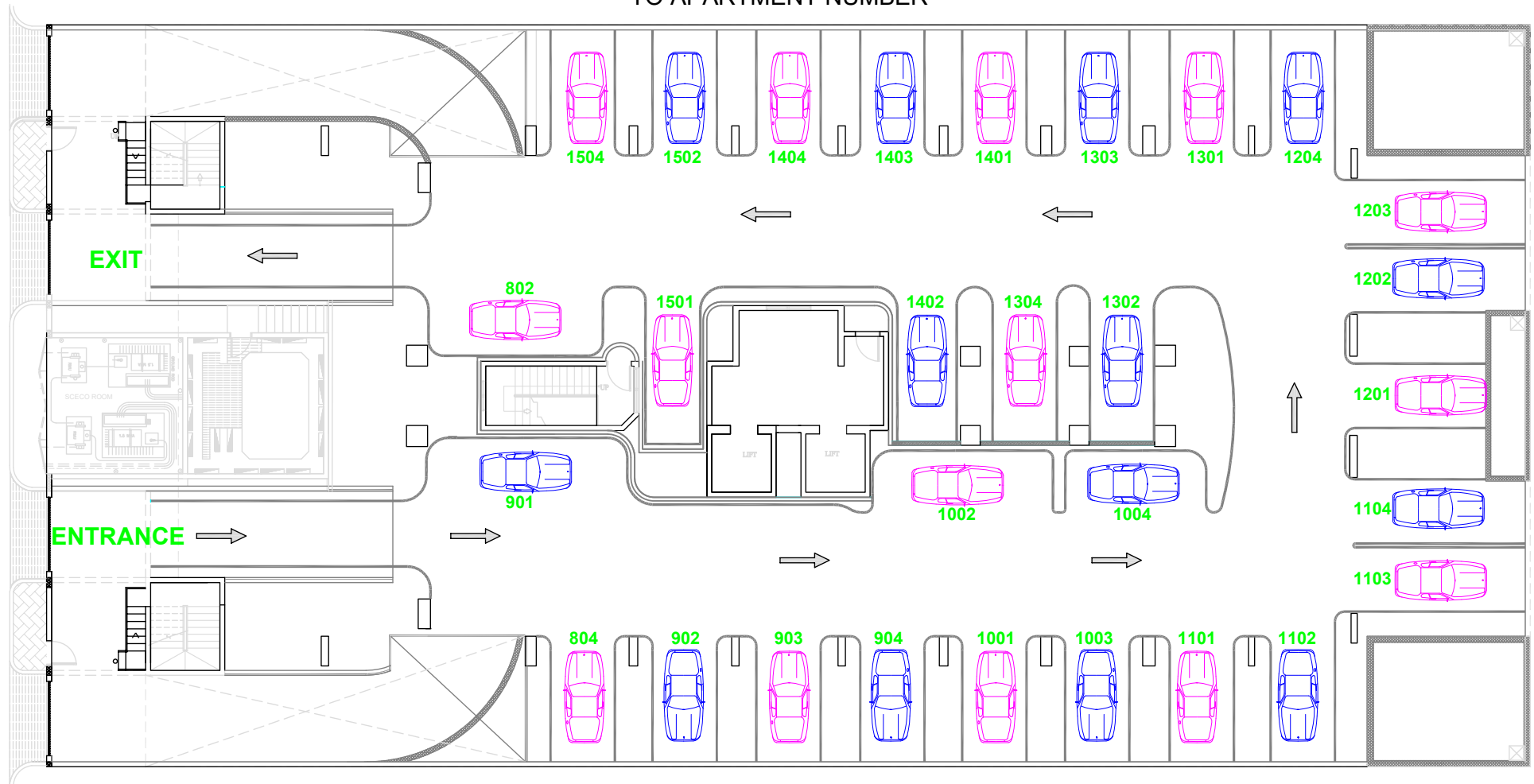
PLAN SHOWING ELECTRIC METER IN ELECTRICAL ROOM ACCORDING TO APARTMENT NUMBER



RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 22104 RYADH 11511 KSA		LOCATION OF KILOWATTS HOUR METER	
TEL. 2474401			
DESIGNED BY:		PROJECT:	LOCATION:
		TOWER-4(PARTMENT)	DAMMAM
MODIFIED BY:		SCALE : NTS	DATE : 5.02.2019
CHECKED BY:	CMD. MOHD.AL SAAB	SIGN :	
APPROVED BY:	CMD. MOHD.AL SAAB		

مخطط يوضح توزيع مواقف السيارات حسب أرقام الشقة

PLAN SHOWING THE PARKING AREA ACCORDING
TO APARTMENT NUMBER



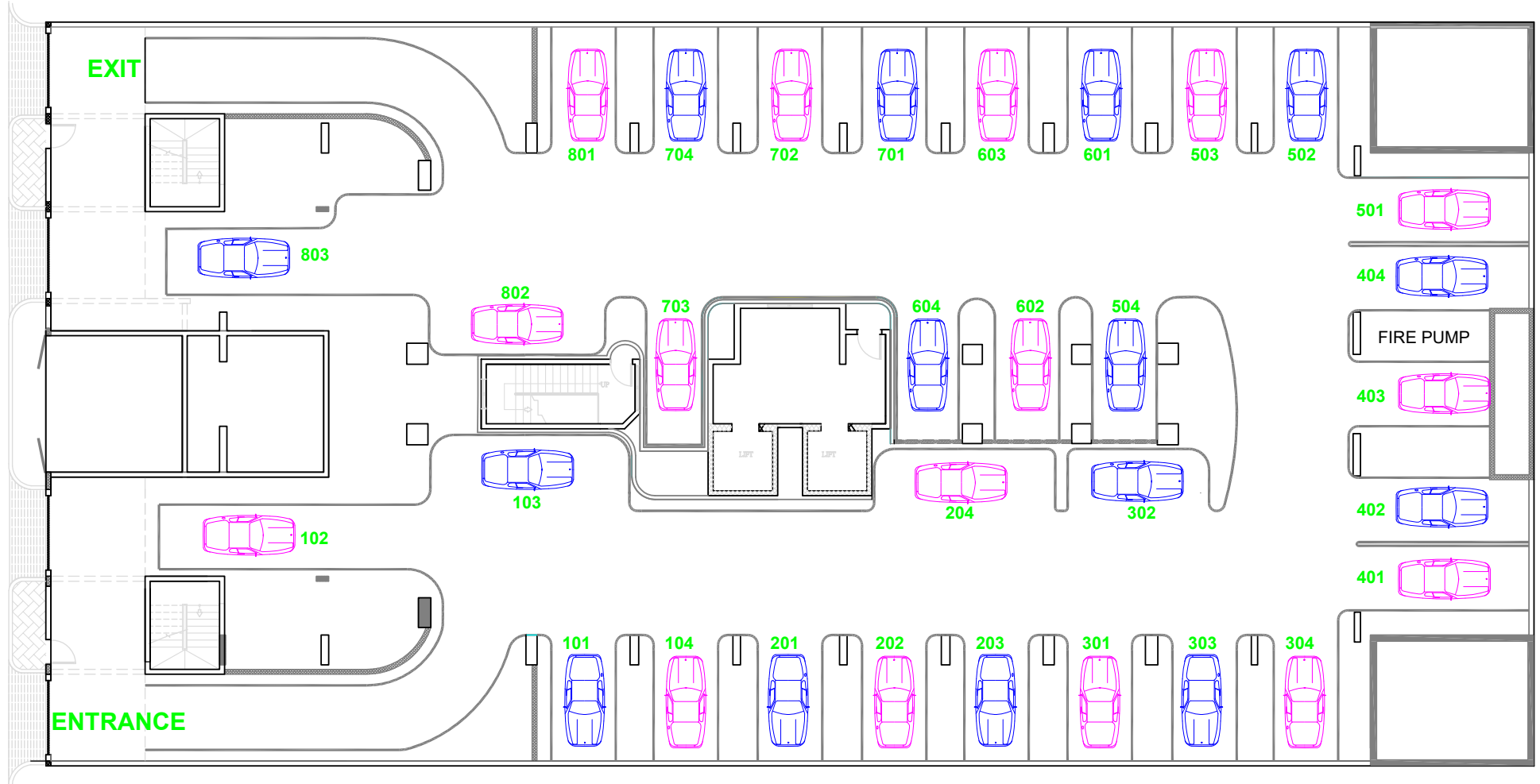
BASEMENT-1

P-19

RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 221044 RYADH 11311 KSA TEL. 2474401		PARKING PLAN (BASEMENT-1)	
DESIGNED BY:		PROJECT:	LOCATION:
MODIFIED BY:		TOWER-1 (APARTMENT)	DAMMAM
CHECKED BY:	CMD.MOHD.AL SAAB	SCALE: NTS	DATE: 5.02.2019
APPROVED BY:	CMD.MOHD.AL SAAB	SIGN:	

مخطط يوضح توزيع مواقف السيارات حسب أرقام الشقة

PLAN SHOWING THE PARKING AREA ACCORDING
TO APARTMENT NUMBER



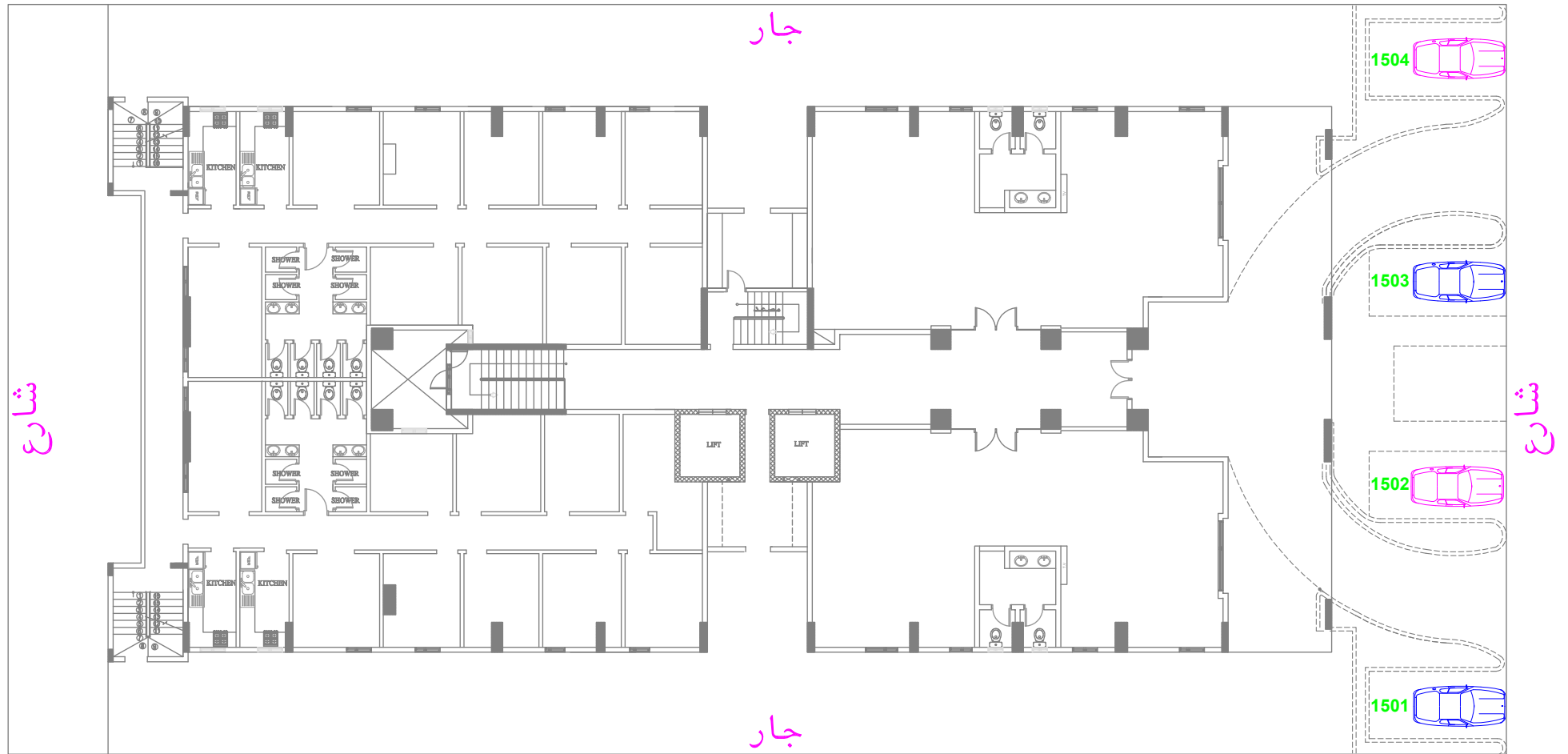
BASEMENT-2

P-20

RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 221044 RIYADH 11911 KSA TEL. 2474401		PARKING PLAN (BASEMENT-2)	
DESIGNED BY:		PROJECT:	LOCATION:
MODIFIED BY:		TOWER-1(Apartment)	DAMMAM
CHECKED BY:	CMD.MOHD.AL SAAB	SCALE : NTS	DATE : 5.02.2019
APPROVED BY:	CMD.MOHD.AL SAAB	SIGN :	

مخطط يوضح توزيع مواقف السيارات حسب أرقام الشقة

PLAN SHOWING THE PARKING AREA ACCORDING
TO APARTMENT NUMBER



GROUND FLOOR

P-21

RAWDH ALKHUZAMA EST.		DRAWING TITLE:	
PO. BOX 221044 RIYADH 11311 KSA		PARKING PLAN (GROUND FLOOR)	
DESIGNED BY:		PROJECT:	LOCATION:
MODIFIED BY:		TOWER-1(APARTMENT)	DAMMAM
CHECKED BY:	CMD.MOHD.AL SAAB	SCALE: NTS	DATE: 5.02.2019
APPROVED BY:	CMD.MOHD.AL SAAB	SIGN:	



روض الخزامى

Rowdh Alkhuzama

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CEO

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