

PROJECT :

Client :

MEP Consultant :

ADMINISTRATION BUILDING

IRAN YASA Co.



آتیسازان
ATISAZAN

ATISAZAN Co.
BUILDING MEP SYSTEM
DESIGN CONSTRUCTION/MAINTENANCE
UNIT3, No.18, ZOMOROD ST.
GOLNABI ST., PASDARAN ST.
TEHRAN, IRAN
TEL : 0098-21-26712554
EMAIL : info@atisazan-co.com
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ELECTRICAL

1404/07/29

CODE NO.	FEEDER NO.	WIRE/CABLE	CONDUIT	REMARK
POWER SYSTEM				
GP0	GP-P0	50x16 NYM	Pg-29 PVC	INCOMING
LIGHTING SYSTEM				
AL1	DP0-L1	3x1.5 NYAF	Pg-13.5 PVC	--
AL2	DP0-L2	3x1.5 NYAF	Pg-13.5 PVC	--
AL3	DP0-L3	3x1.5 NYAF	Pg-13.5 PVC	--
AL4	DP0-L4	3x1.5 NYAF	Pg-13.5 PVC	--
AL5	DP0-L5	3x1.5 NYAF	Pg-13.5 PVC	--
RL1	ELV1-L1	3x1.5 NYAF	Pg-13.5 PVC	RISE UP TO NEXT FIXTURE
RL2	ELV2-L1	3x1.5 NYAF	Pg-13.5 PVC	RISE UP TO NEXT FIXTURE

Project Name:

ADMINISTRATION BUILDING

Client :

IRAN YASA Co.

MEP Consultant:



ATEZAN

ATEZAN

TECHNICAL ENGINEERING

CONSULTING

DESIGN

CONSTRUCTION

MANAGEMENT

OPERATION

MAINTENANCE

North Sign:



Key Plan:



Notes:

Drawn By: M.Farhadi
 Checked By: M.Farhadi
 Approved By: H.Mohamed
 Dwg Is Issued For:
☒ Core ☐ Tend ☐ Const
☐ Apr ☐ Const

Drawing Title:

تاسیس و سازه

تاسیس و سازه

Revision:

Number	Date
04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

Date:

1404/07/29

Scale:

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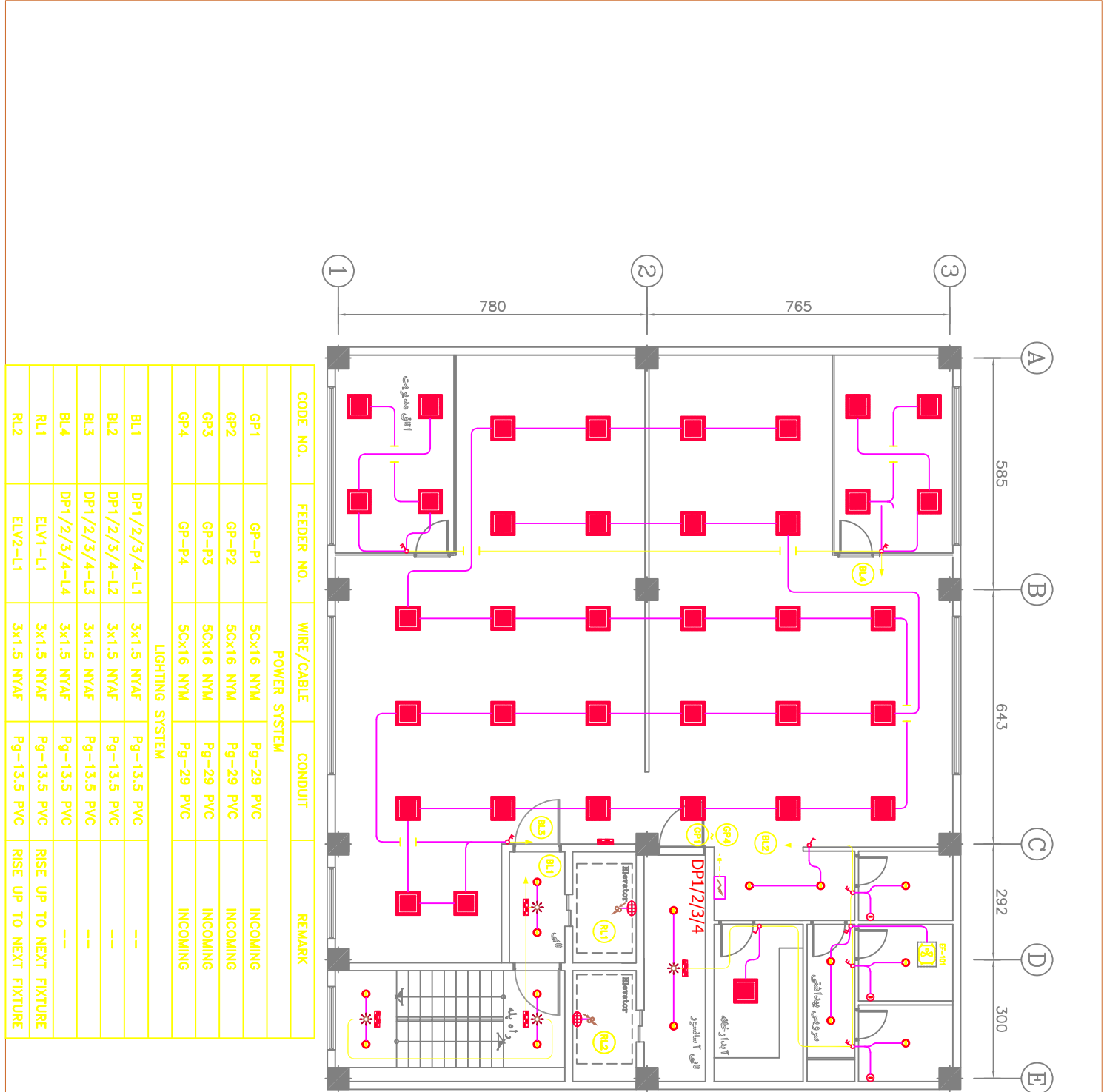
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Sheet number:

IV-EL-02-03

NYAF - سیم سازه برق
 NYM - سیم کابل های اتاق برق - NYM
 سیم واکس کف برای کلان و سیم



CODE NO.	FEEDER NO.	WIRE/CABLE	CONDUIT	REMARK
POWER SYSTEM				
GP1	GP-P1	5C x16 NYM	Pg-29 PVC	INCOMING
GP2	GP-P2	5C x16 NYM	Pg-29 PVC	INCOMING
GP3	GP-P3	5C x16 NYM	Pg-29 PVC	INCOMING
GP4	GP-P4	5C x16 NYM	Pg-29 PVC	INCOMING
LIGHTING SYSTEM				
BL1	DP1/2/3/4-L1	3x1.5 NYAF	Pg-13.5 PVC	--
BL2	DP1/2/3/4-L2	3x1.5 NYAF	Pg-13.5 PVC	--
BL3	DP1/2/3/4-L3	3x1.5 NYAF	Pg-13.5 PVC	--
BL4	DP1/2/3/4-L4	3x1.5 NYAF	Pg-13.5 PVC	--
RL1	ELV1-L1	3x1.5 NYAF	Pg-13.5 PVC	RISE UP TO NEXT FIXTURE
RL2	ELV2-L1	3x1.5 NYAF	Pg-13.5 PVC	RISE UP TO NEXT FIXTURE

Project Name:
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MEP Consultant:
ATTANZAN

North Sign:

Key Plan:

Note:

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Checked By: M.Farhadi
Approved By: H.Mohtamed

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☐ Apr ☐ Const

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Number | Date
04 | 1404/07/29
03 | 1402/11/28
02 | 1402/10/18
01 | 1402/09/08

Date :
1404/07/29
Scale :
1:100

Unit :
METRIC
Field :
ELECTRICAL

Sheet number :
IV-EL-02-04

NYAF : سیم ساده برق
NYM : سیم کابل های اتاق برق - NYM
سیم داخل کف عایق کلر و سیم

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEP Consultant :



North Sign:



Key Plan:

Note:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Morfineni

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☐ Apr ☐ Const

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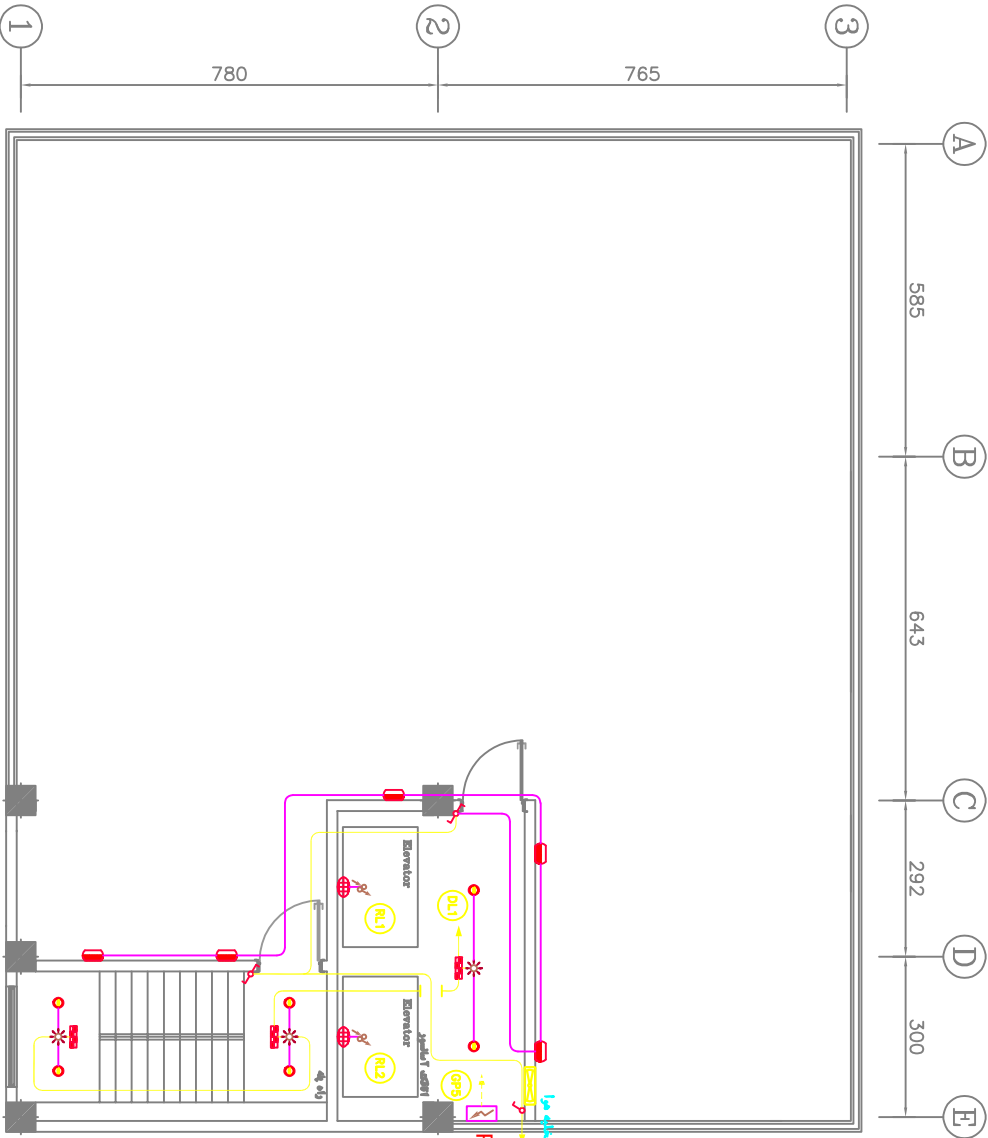
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بام

Revision :	
Number	Date
04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

Date :	Unit :
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CODE NO.	FEEDER NO.	WIRE/CABLE	CONDUIT	REMARK
POWER SYSTEM				
GP5	GP-P5	3C×2.5 NYM	Pg-16 PVC	INCOMING
LIGHTING SYSTEM				
DL1	RP-L1	3×1.5 NYAF	Pg-13.5 PVC	--
DL2	RP-L2	3×1.5 NYAF	Pg-13.5 PVC	--
RL1	ELV1-L1	3×1.5 NYAF	Pg-13.5 PVC	RISE UP TO ELEVATOR PANEL
RL2	ELV2-L1	3×1.5 NYAF	Pg-13.5 PVC	RISE UP TO ELEVATOR PANEL

NYAF
سیم سیم‌کشی برق
سیم کابل‌کشی برق - NYM
سیم واکس کف عایق کابل و سیم

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MEP Consultant :



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Key Plan:

Note:

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Approved By: H.Morfinad

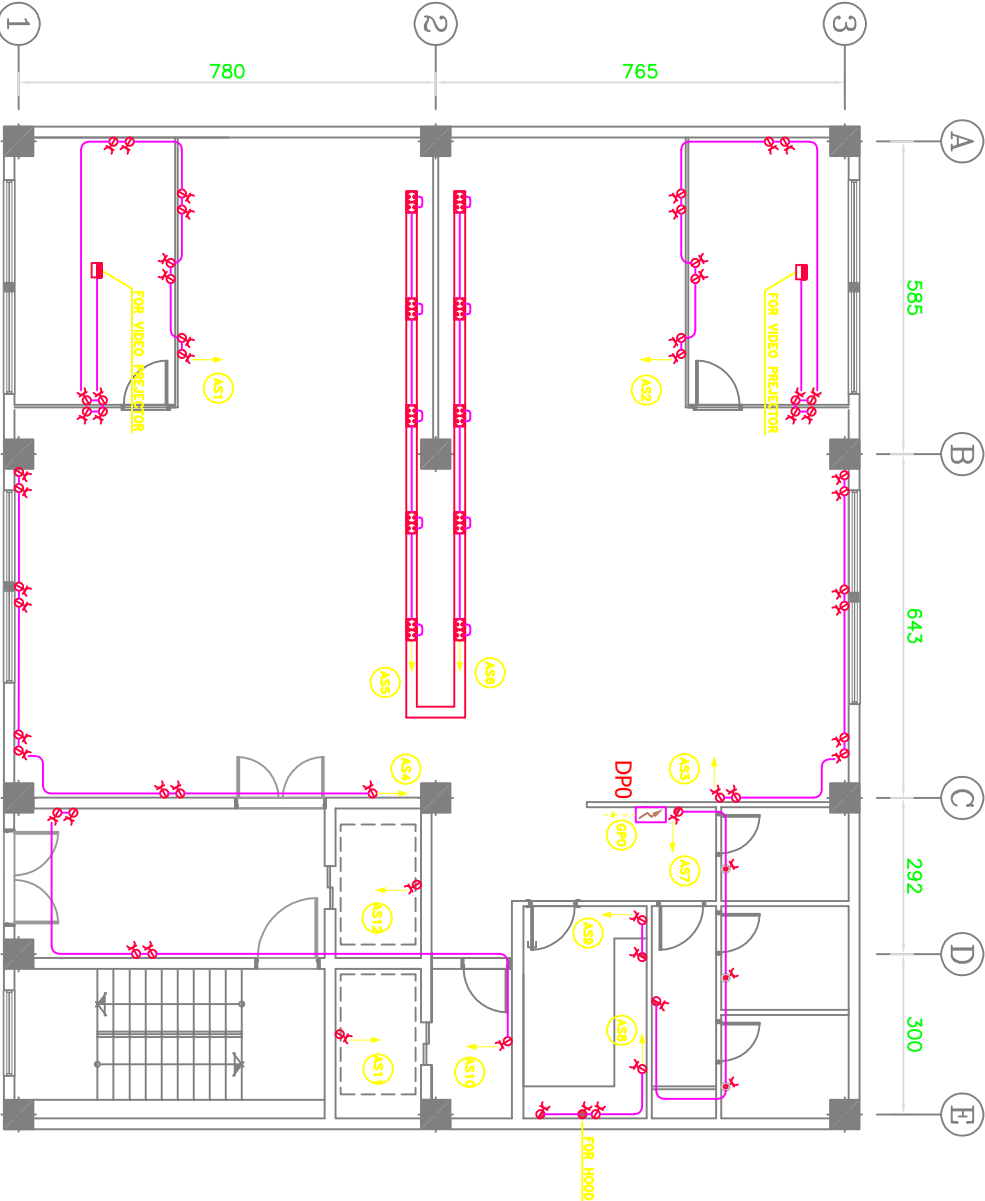
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☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :
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تکمیله

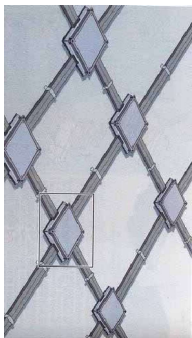
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02	1402/10/18	
01	1402/09/08	

Date : 1404/07/29
Scale : 1:100
Unit : METRIC
Sheet number : ELECTRICAL

IV-EL-02-06



CODE NO.	FEEDER NO.	WIRE/CABLE	CONDUIT	REMARK
GP0	GP-P0	50x16 NYAF	Pg-29 PVC	INCOMING
AS1	DP0-S1	3x2.5 NYAF	Pg-13.5 PVC	--
AS2	DP0-S2	3x2.5 NYAF	Pg-13.5 PVC	--
AS3	DP0-S3	3x2.5 NYAF	Pg-13.5 PVC	--
AS4	DP0-S4	3x2.5 NYAF	Pg-13.5 PVC	--
AS5	DP0-S5	3x2.5 NYAF	FLOOR DUCT	--
AS6	DP0-S6	3x2.5 NYAF	FLOOR DUCT	--
AS7	DP0-S7	3x2.5 NYAF	Pg-13.5 PVC	--
AS8	DP0-S8	3x2.5 NYAF	Pg-13.5 PVC	--
AS9	DP0-S9	3x2.5 NYAF	Pg-13.5 PVC	--
AS10	DP0-S10	3x2.5 NYAF	Pg-13.5 PVC	--
AS11	ELV1-S1	3x2.5 NYAF	Pg-13.5 PVC	RISE UP TO ELEVATOR PANEL
AS12	ELV2-S1	3x2.5 NYAF	Pg-13.5 PVC	RISE UP TO ELEVATOR PANEL



NYAF
سیم سیم بافی برق
سیم کابل های اتاق برق - NYAF
سیم واکس کف عایق کلر و سیم

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MEP Consultant :



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☐ Apr ☐ Const

Drawing Title :

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چهار طبقه اولادیه

Revision :

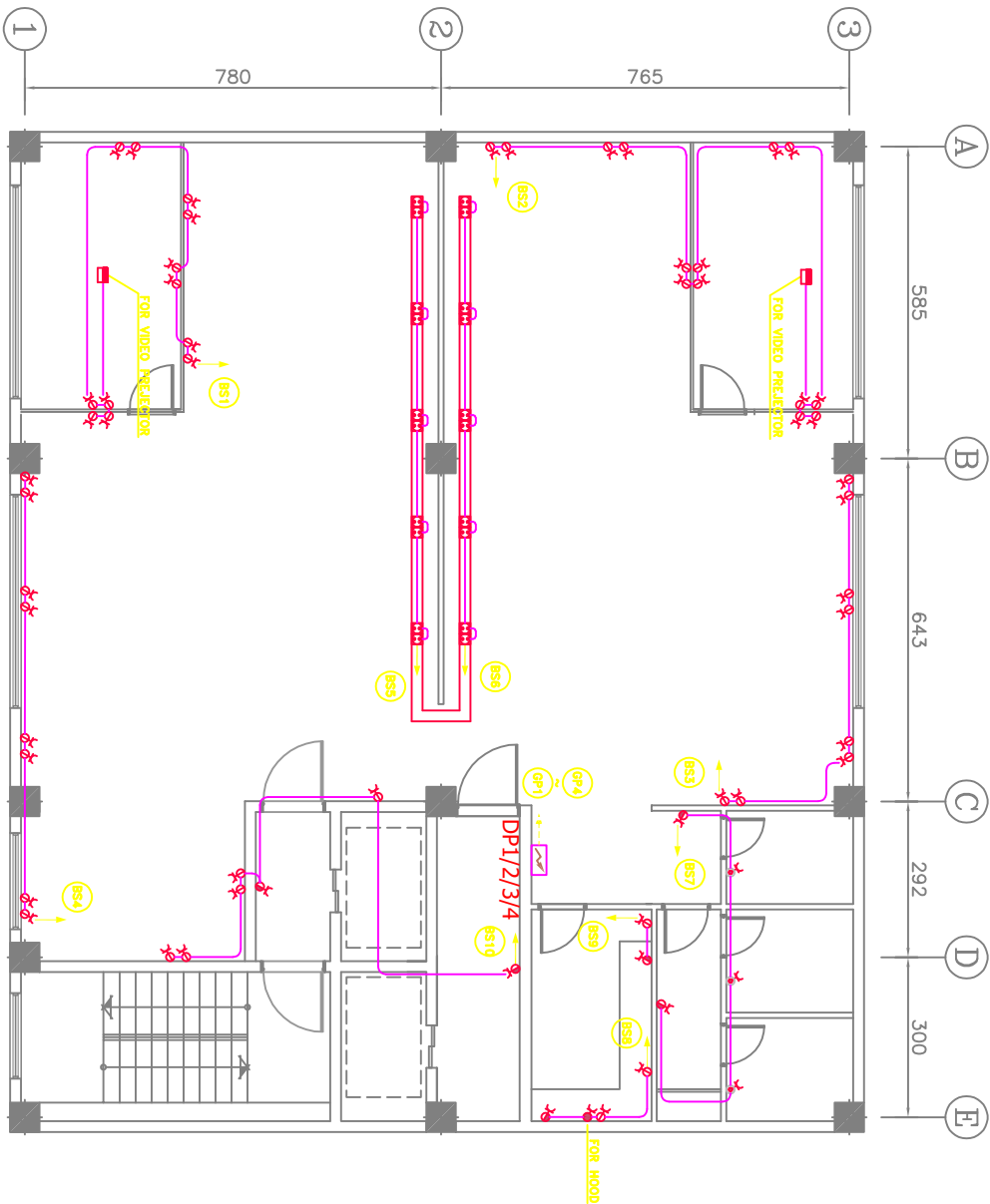
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Date: 1404/07/29

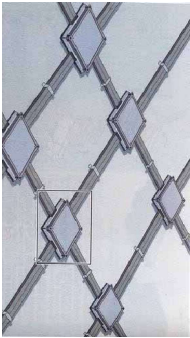
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Unit: METRIC

Sheet number: IV-EL-02-07



CODE NO.	FEEDER NO.	WIRE/CABLE	CONDUIT	REMARK
POWER SYSTEM				
GP1	GP-P1	5C×16 NYM	Pg-29 PVC	INCOMING
GP2	GP-P2	5C×16 NYM	Pg-29 PVC	INCOMING
GP3	GP-P3	5C×16 NYM	Pg-29 PVC	INCOMING
GP4	GP-P4	5C×16 NYM	Pg-29 PVC	INCOMING
LIGHTING SYSTEM				
BS1	DP1/2/3/4-S1	3×2.5 NYAF	Pg-13.5 PVC	--
BS2	DP1/2/3/4-S2	3×2.5 NYAF	Pg-13.5 PVC	--
BS3	DP1/2/3/4-S3	3×2.5 NYAF	Pg-13.5 PVC	--
BS4	DP1/2/3/4-S4	3×2.5 NYAF	Pg-13.5 PVC	--
BS5	DP1/2/3/4-S5	3×2.5 NYAF	FLOOR DUCT	--
BS6	DP1/2/3/4-S6	3×2.5 NYAF	FLOOR DUCT	--
BS7	DP1/2/3/4-S7	3×2.5 NYAF	Pg-13.5 PVC	--
BS8	DP1/2/3/4-S8	3×2.5 NYAF	Pg-13.5 PVC	--
BS9	DP1/2/3/4-S9	3×2.5 NYAF	Pg-13.5 PVC	--
BS10	DP1/2/3/4-S10	3×2.5 NYAF	Pg-13.5 PVC	--



NYAF
سیم سیم تار برق
سیم کابل سیم تار برق - NYM
سیم واکس کف سیم تار برق و سیم



ADMINISTRATION
BUILDING

IRAN YASA Co.


ATISAZAN
A THICK BLOOD
BLOOD CHANGING PAIN
DESIGN COSMETIC TONIC ANTINQUE
OOL NAIL ST. PAINSHAWIT
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www.nature.com/scientificreports/

Checked By: **M.Farhadi**
Approved By: **H.Monfared**

☒ Coord	☐ Tend
☐ Apr	☐ Const

قربانی اور قرب جہنمیں
بنام

04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

1404/07/29	METRIC
Scale :	Field :
1:100	ELECTRIC

1Y-EL-02-08

Project Name:

ADMINISTRATION
BUILDING

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IRAN YASA Co.



MIP Consultant :



North Sign :



Key Plan :

Name :

Drawn By: M.Farhadi

Checked By: M.Farhadi

Approved By: H.Morfinad

Dwg Is Issued For:

☒ Core ☐ Tend ☐ Apr ☐ Const

Drawing Title :

تجهیزات
تلفن

Revision :

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Date :

1404/07/29

Scale :

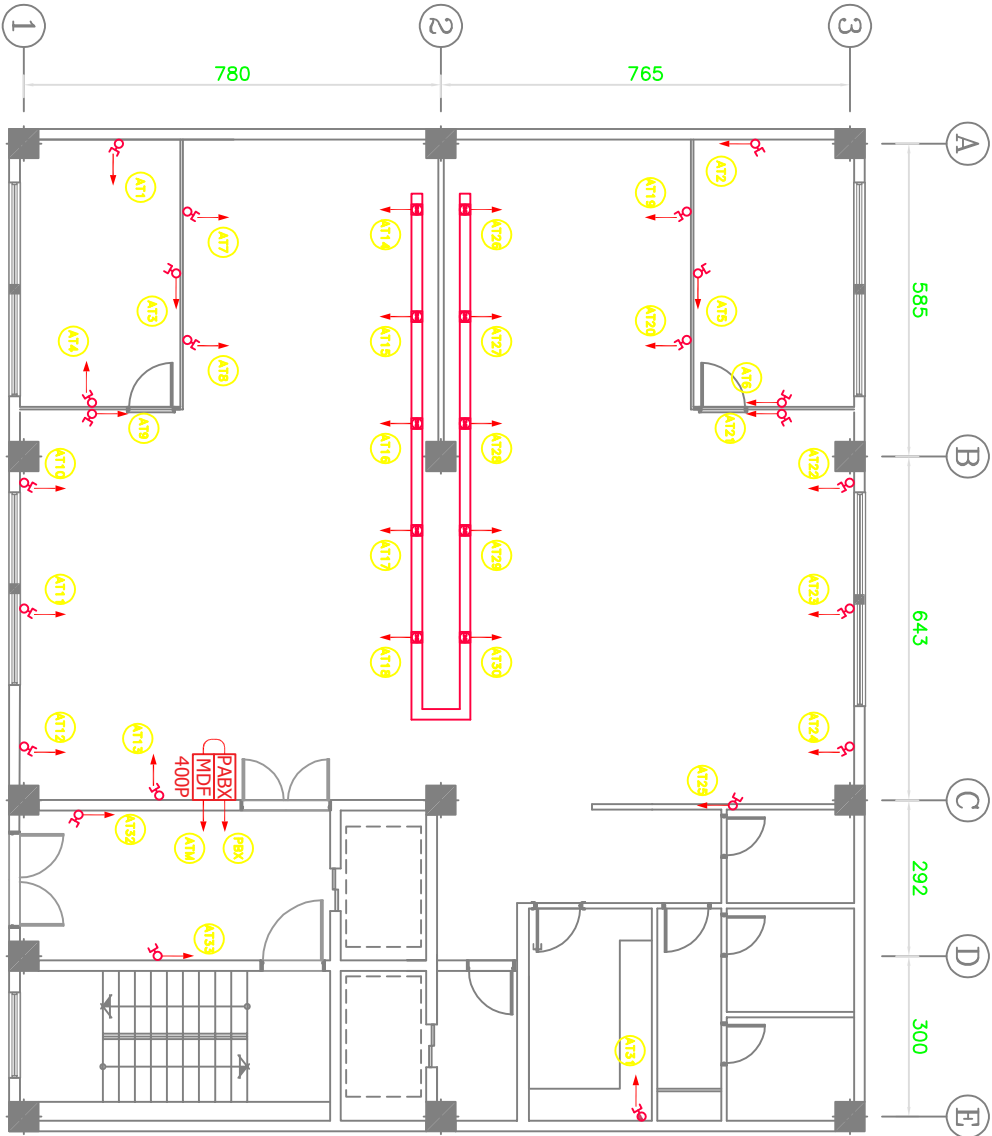
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Sheet number :

IV-EL-02-09

CODE NO.	PHONE NO.	WIRE/CABLE	CONDUIT	REMARK
PRIVATE AUTOMATIC BRANCH EXCHANGE (PABX)				
PBX	--	1x0.6x12P AZY(S)2V	Pg-21 PVC	TO MAIN CLIENT
INCOMING MAIN DISTRIBUTION FRAME (MDF)				
ATM	--	1x0.6x500P JY(S)TY	As Req. PVC	TO PABX
TELEPHONE SYSTEM				
AT1	101 & 102	2x1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT2	103 & 104	2x1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT3	105	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT4	106	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT5	107	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT6	108	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT7	109	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT8	110	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT9	111	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT10	112	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT11	113	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT12	114	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT13	115	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT14	116	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF
AT15	117	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF
AT16	118	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF
AT17	119	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF

CODE NO.	PHONE NO.	WIRE/CABLE	CONDUIT	REMARK
TELEPHONE SYSTEM				
AT18	120	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF
AT19	121	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT20	122	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT21	123	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT22	124	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT23	125	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT24	126	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT25	127	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT26	128	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF
AT27	129	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF
AT28	130	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF
AT29	131	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF
AT30	132	1x0.6x4P JY(S)TY	FLOOR DUCT	MDF
AT31	133	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT32	134	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF
AT33	135	1x0.6x4P JY(S)TY	Pg-13.5 PVC	MDF



تجهیزات تلفن در آیه نوکری

مختار زوج های ورودی و خروجی

سیم کل تلفن - JY(S)TY

مختار زوج های تلفن

سیم داکت های خواب کلین و سیم

Project Name:

ADMINISTRATION
BUILDING

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IRAN YASA Co.

MIP Consultant:



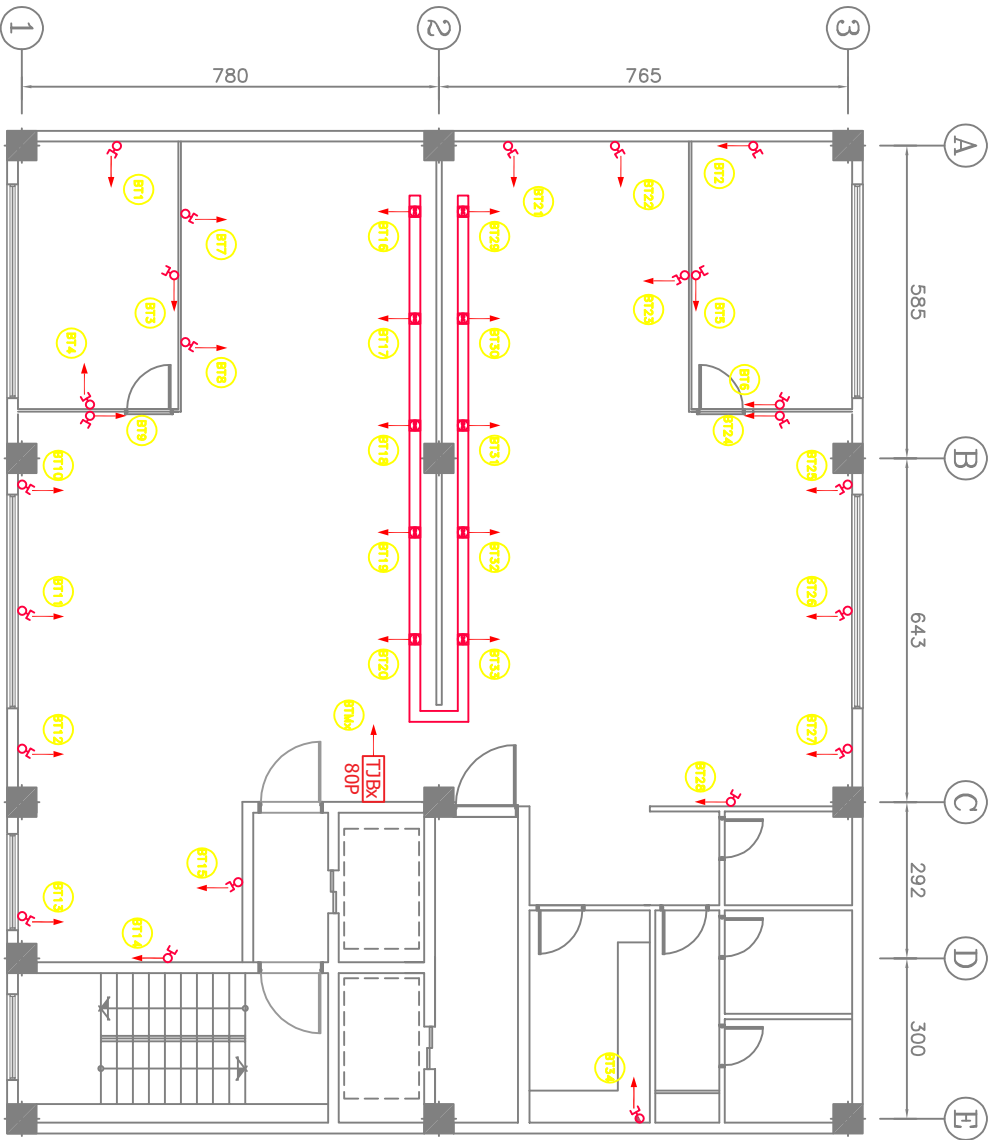
North Sign:



Key Plan:

Name:

CODE NO.	PHONE NO.	WIRE/CABLE	CONDUIT	REMARK
INCOMING TELEPHONE JUNCTION BOX				
BTM1	--	1x0.6x100P JY(STY)	Pg-48 PVC	TO MDF (GROUND FLOOR)
BTM2	--	1x0.6x100P JY(STY)	Pg-48 PVC	TO MDF (GROUND FLOOR)
BTM3	--	1x0.6x100P JY(STY)	Pg-48 PVC	TO MDF (GROUND FLOOR)
BTM4	--	1x0.6x100P JY(STY)	Pg-48 PVC	TO MDF (GROUND FLOOR)
TELEPHONE SYSTEM				
BT1	2/3/4/501 & 2/3/4/502	2x1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT2	2/3/4/503 & 2/3/4/504	2x1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT3	2/3/4/505	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT4	2/3/4/506	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT5	2/3/4/507	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT6	2/3/4/508	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT7	2/3/4/509	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT8	2/3/4/510	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT9	2/3/4/511	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT10	2/3/4/512	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT11	2/3/4/513	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT12	2/3/4/514	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT13	2/3/4/515	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT14	2/3/4/516	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT15	2/3/4/517	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT16	2/3/4/518	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4
BT17	2/3/4/519	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4



CODE NO.	PHONE NO.	WIRE/CABLE	CONDUIT	REMARK
TELEPHONE SYSTEM				
BT18	2/3/4/520	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4
BT19	2/3/4/521	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4
BT20	2/3/4/522	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4
BT21	2/3/4/523	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT22	2/3/4/524	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT23	2/3/4/525	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT24	2/3/4/526	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT25	2/3/4/527	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT26	2/3/4/528	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT27	2/3/4/529	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT28	2/3/4/530	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4
BT29	2/3/4/531	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4
BT30	2/3/4/532	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4
BT31	2/3/4/533	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4
BT32	2/3/4/534	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4
BT33	2/3/4/535	1x0.6x4P JY(STY)	FLOOR DUCT	TO TUB1/2/3/4
BT34	2/3/4/536	1x0.6x4P JY(STY)	Pg-13.5 PVC	TO TUB1/2/3/4

مهندس
مهندس

Revision:

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Scale: 1:100 Field: ELECTRICAL

Sheet number: IV-EL-02-10

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MIP Consultant:



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ARCHITECTS & ENGINEERS
TEHRAN, IRAN
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North Sign:



Key Plan:

Name:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Mohtashemi

Day Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

کابل شبکه
کابلهای

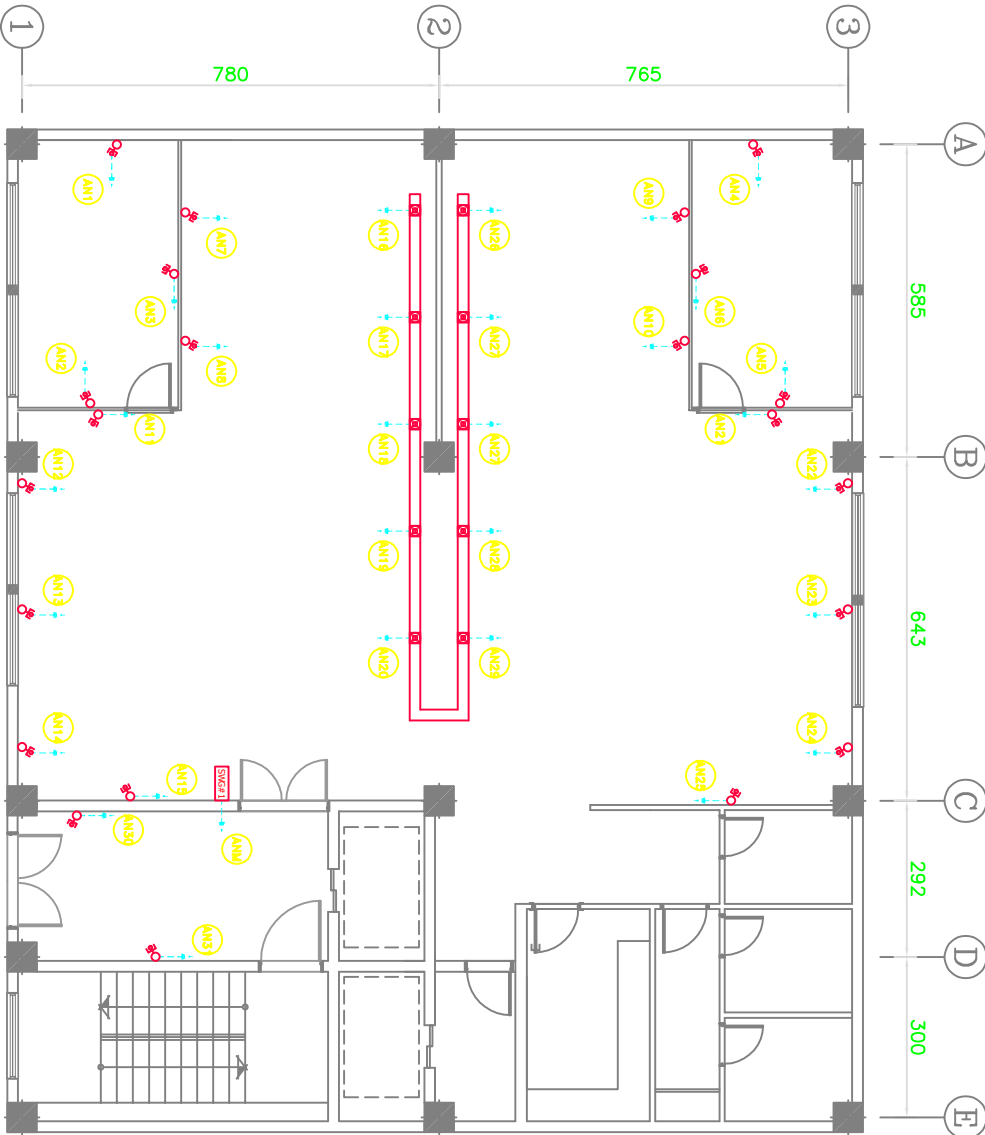
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02	1402/10/18
01	1402/09/08

Date : 1404/07/29 Unit : METRIC
Scale : 1:100 Field : ELECTRICAL

Sheet number :

IV-EL-02-11



CODE NO.	NODE NO.	LAN CABLE	CONDUIT	REMARK
LOCAL WALL MOUNTED LAN SWITCH - 48 PORTS				
ANM	1001	CAT6	Pg-13.5 PVC	TO MAIN RACK LAN SYSTEM
LAN SYSTEM				
AN1	001	CAT6	Pg-13.5 PVC	SWG#1
AN2	002	CAT6	Pg-13.5 PVC	SWG#1
AN3	003	CAT6	Pg-13.5 PVC	SWG#1
AN4	004	CAT6	Pg-13.5 PVC	SWG#1
AN5	005	CAT6	Pg-13.5 PVC	SWG#1
AN6	006	CAT6	Pg-13.5 PVC	SWG#1
AN7	007	CAT6	Pg-13.5 PVC	SWG#1
AN8	008	CAT6	Pg-13.5 PVC	SWG#1
AN9	009	CAT6	Pg-13.5 PVC	SWG#1
AN10	010	CAT6	Pg-13.5 PVC	SWG#1
AN11	011	CAT6	Pg-13.5 PVC	SWG#1
AN12	012	CAT6	Pg-13.5 PVC	SWG#1
AN13	013	CAT6	Pg-13.5 PVC	SWG#1
AN14	014	CAT6	Pg-13.5 PVC	SWG#1
AN15	015	CAT6	Pg-13.5 PVC	SWG#1
AN16	016	CAT6	FLOOR DUCT	SWG#1
AN17	017	CAT6	FLOOR DUCT	SWG#1

CODE NO.	NODE NO.	LAN CABLE	CONDUIT	REMARK
LAN SYSTEM				
AN18	018	CAT6	FLOOR DUCT	SWG#1
AN19	019	CAT6	FLOOR DUCT	SWG#1
AN20	020	CAT6	FLOOR DUCT	SWG#1
AN21	021	CAT6	Pg-13.5 PVC	SWG#1
AN22	022	CAT6	Pg-13.5 PVC	SWG#1
AN23	023	CAT6	Pg-13.5 PVC	SWG#1
AN24	024	CAT6	Pg-13.5 PVC	SWG#1
AN25	025	CAT6	Pg-13.5 PVC	SWG#1
AN26	026	CAT6	FLOOR DUCT	SWG#1
AN27	027	CAT6	FLOOR DUCT	SWG#1
AN28	028	CAT6	FLOOR DUCT	SWG#1
AN29	029	CAT6	FLOOR DUCT	SWG#1
AN30	030	CAT6	Pg-13.5 PVC	SWG#1
AN31	031	CAT6	Pg-13.5 PVC	SWG#1

سویچ دیواری شبکه جهت اتصال به سرور مرکزی ساختمان
SWG (Network Switch)
کابل شبکه (Network Cable)
سیر داکت کف دیوار کابل و سیم

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MTP Consultant:



ATTARNEZAN

North Sign:



Key Plan:

Note:

Drawn By: **M.Farhadi**
Checked By: **M.Farhadi**
Approved By: **H.Mohtafiri**

Dasg is Issued For:
☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title:
کابل شبکه
چهارمین طبقه

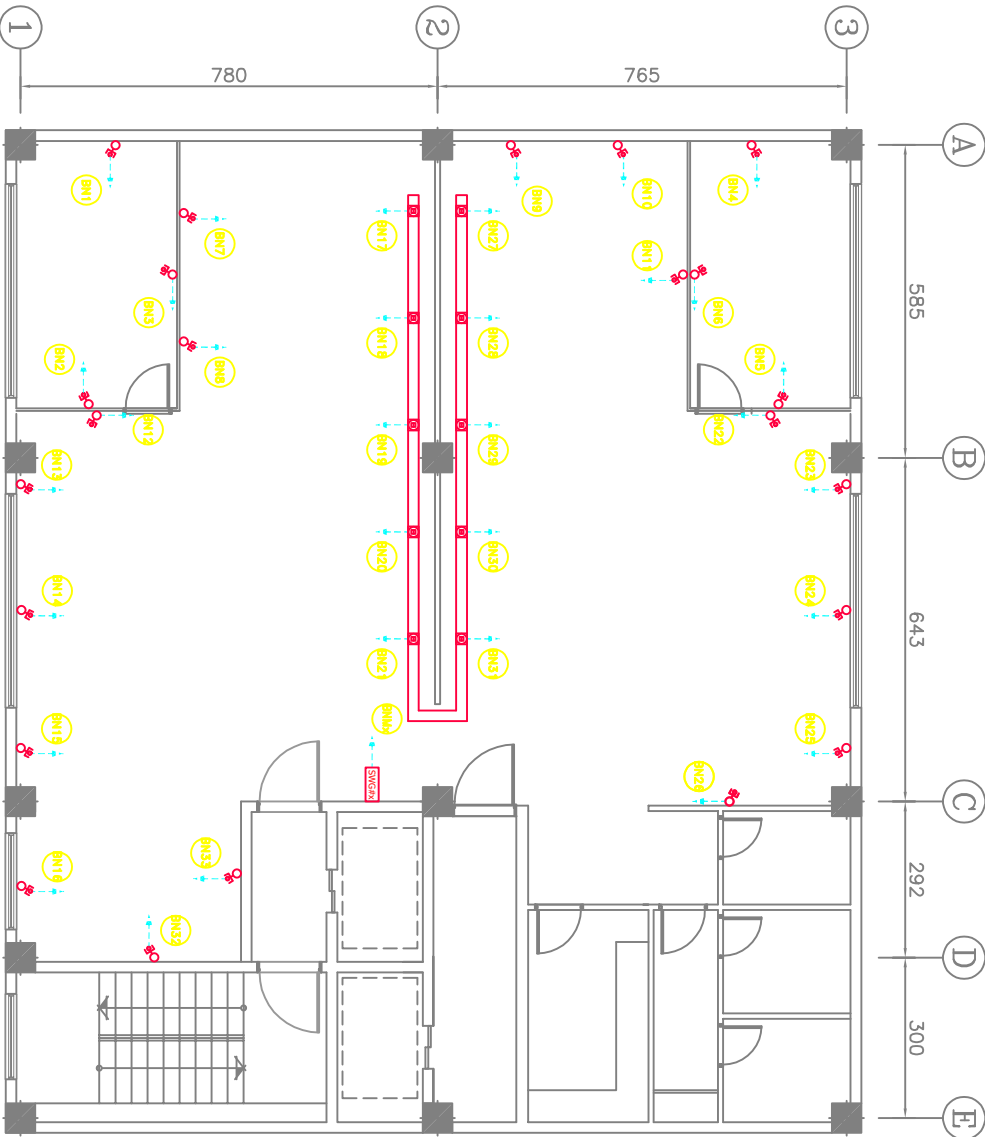
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Number:	Date:
04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

Date:	Unit:
1404/07/29	METRIC
Scale:	Fied:
1:100	ELECTRICAL

Sheet number:
IV-EL-02-12

CODE NO.	NODE NO.	LAN CABLE	CONDUIT	REMARK
LOCAL WALL MOUNTED LAN SWITCH - 48 PORTS				
BNM1	2001	CAT6	Pg-13.5 PVC	TO MAIN BACK LAN SYSTEM
BNM2	2002	CAT6	Pg-13.5 PVC	TO MAIN BACK LAN SYSTEM
BNM3	2003	CAT6	Pg-13.5 PVC	TO MAIN BACK LAN SYSTEM
BNM4	2004	CAT6	Pg-13.5 PVC	TO MAIN BACK LAN SYSTEM
LAN SYSTEM				
BN1	1/2/3/4/01	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN2	1/2/3/4/02	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN3	1/2/3/4/03	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN4	1/2/3/4/04	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN5	1/2/3/4/05	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN6	1/2/3/4/06	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN7	1/2/3/4/07	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN8	1/2/3/4/08	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN9	1/2/3/4/09	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN10	1/2/3/4/10	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN11	1/2/3/4/11	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN12	1/2/3/4/12	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN13	1/2/3/4/13	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN14	1/2/3/4/14	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN15	1/2/3/4/15	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN16	1/2/3/4/16	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN17	1/2/3/4/17	CAT6	FLOOR DUCT	SWG#2/3/4/5

CODE NO.	NODE NO.	LAN CABLE	CONDUIT	REMARK
LAN SYSTEM				
BN18	1/2/3/4/18	CAT6	FLOOR DUCT	SWG#2/3/4/5
BN19	1/2/3/4/19	CAT6	FLOOR DUCT	SWG#2/3/4/5
BN20	1/2/3/4/20	CAT6	FLOOR DUCT	SWG#2/3/4/5
BN21	1/2/3/4/21	CAT6	FLOOR DUCT	SWG#2/3/4/5
BN22	1/2/3/4/22	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN23	1/2/3/4/23	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN24	1/2/3/4/24	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN25	1/2/3/4/25	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN26	1/2/3/4/26	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN27	1/2/3/4/27	CAT6	FLOOR DUCT	SWG#2/3/4/5
BN28	1/2/3/4/28	CAT6	FLOOR DUCT	SWG#2/3/4/5
BN29	1/2/3/4/29	CAT6	FLOOR DUCT	SWG#2/3/4/5
BN30	1/2/3/4/30	CAT6	FLOOR DUCT	SWG#2/3/4/5
BN31	1/2/3/4/31	CAT6	FLOOR DUCT	SWG#2/3/4/5
BN32	1/2/3/4/32	CAT6	Pg-13.5 PVC	SWG#2/3/4/5
BN33	1/2/3/4/33	CAT6	Pg-13.5 PVC	SWG#2/3/4/5



سیمکشی دوداری شبکه جهت اتصال به سرور مرکزی ساختمان
CAT6 (Network Cable)
سیم کابل شبکه
سیم دالکت کف خواب کابل و سیم

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEP Consultant:



ATIRANZAN
MEP CONSULTING
GENERAL CONTRACTOR
1300 SHARIATY ST. 13TH FLOOR
TOWER 1, 1300 SHARIATY ST.
TOWER 1, 1300 SHARIATY ST.

North Sign:



Key Plan:

Note:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Mohtared

Day Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

سیستم اعلام حریق
FIRE ALARM SYSTEM

Revision :

Number	Date
04	1404/07/29
03	1403/11/28
02	1402/10/18
01	1402/09/08

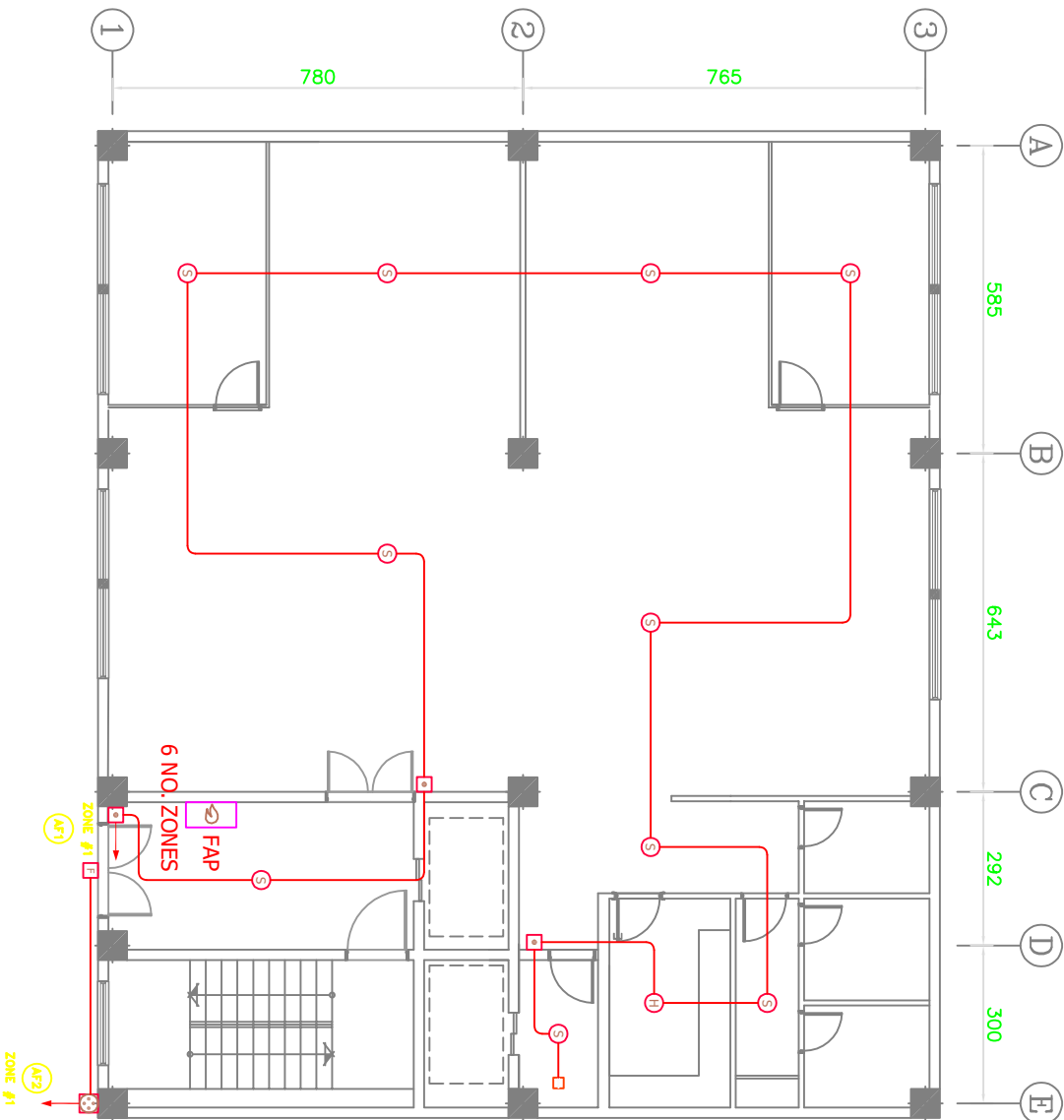
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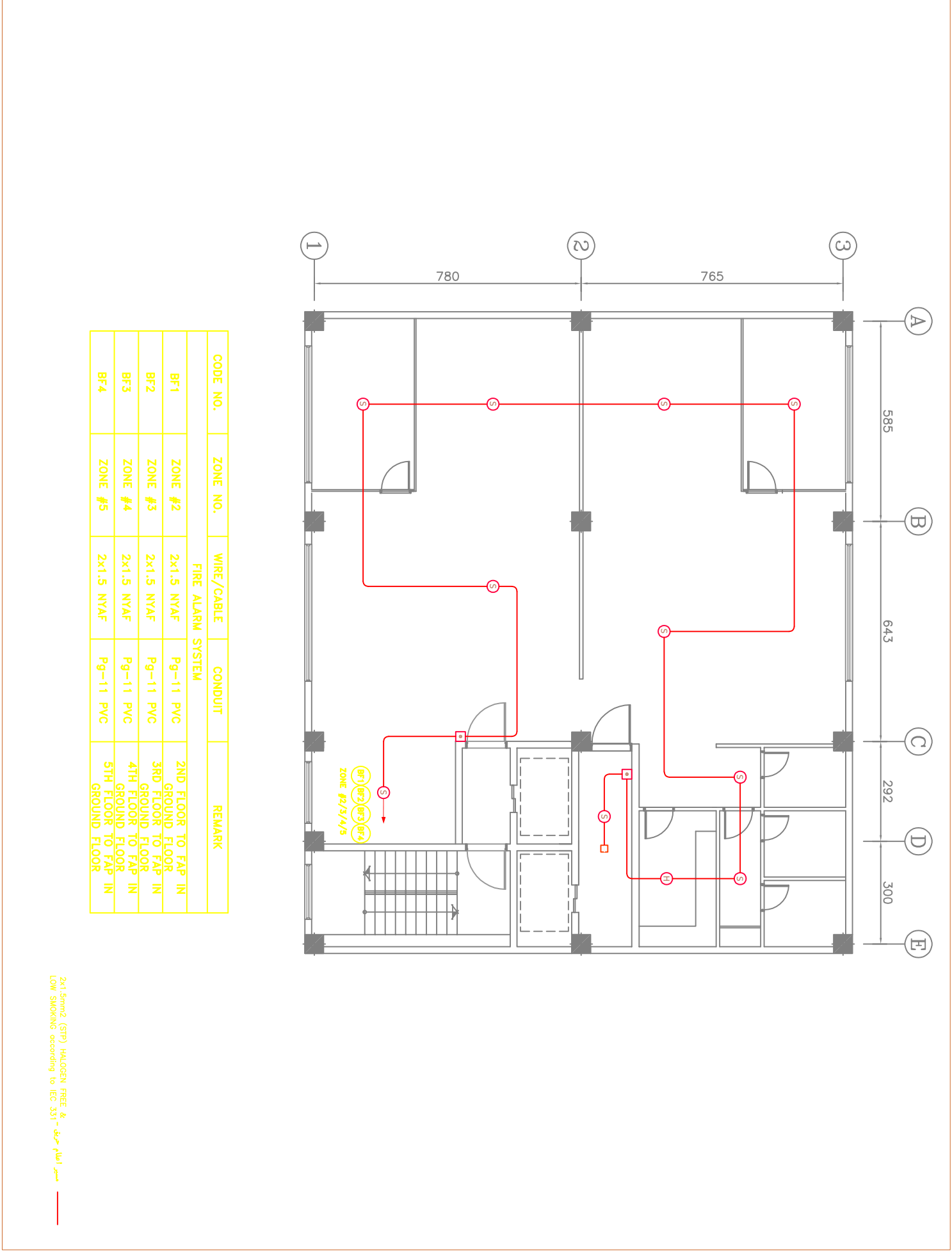
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Sheet number: IV-EL-02-13



CODE NO.	ZONE NO.	WIRE/CABLE	CONDUIT	REMARK
POWER SUPPLY				
--	UPS	3C×2.5 NYM	Pg-16 PVC	INCOMING FROM FA UPS
FIRE ALARM SYSTEM				
AF1	ZONE #1	2X1.5 NYAF	Pg-11 PVC	TO FAP IN GROUND FLOOR
AF2	ZONE #1	2X1.5 NYAF	Pg-11 PVC	TO FAP IN GROUND FLOOR

2x1.5mm2 (STP) HALOGEN FREE & Low Smoke
LOW SMOKING according to IEC 331 - 60



Project Name: ADMINISTRATION BUILDING																			
Client : IRAN YASA Co. 																			
MEP Consultant:  ATTANZAN MECHANICAL ELECTRICAL PLUMBING ENGINEERING CONSULTING AND DESIGN TEHRAN - IRAN TEL: 021-88660000 WWW.ATTANZAN.COM																			
North Sign: 																			
Key Plan: 																			
Note: 																			
Drawn By: M Farhadi																			
Checked By: M Farhadi																			
Approved By: H.Mofareh																			
Dwg Is Issued For: ☒ Core ☐ Tend ☐ Apr ☐ Const																			
Drawing Title: فردیس آتش‌نشانی فردیس آتش‌نشانی																			
Revision: <table><tr><th>Number</th><th>Date</th></tr><tr><td>04</td><td>1404/07/29</td></tr><tr><td>03</td><td>1402/11/28</td></tr><tr><td>02</td><td>1402/10/18</td></tr><tr><td>01</td><td>1402/09/08</td></tr></table>										Number	Date	04	1404/07/29	03	1402/11/28	02	1402/10/18	01	1402/09/08
Number	Date																		
04	1404/07/29																		
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Sheet number: IV-EL-02-14																			

2x1.5mm2 (STP) HALOGEN FREE & LOW SMOKING according to IEC 331 - مسير اعلام حريق

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEP Consultant :



North Sign:



Key Plan:

Note:

Drawn By: **M.Farhadi**
Checked By: **M.Farhadi**
Approved By: **H.Mohamed**

Day Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

فصل پنجم
سیم

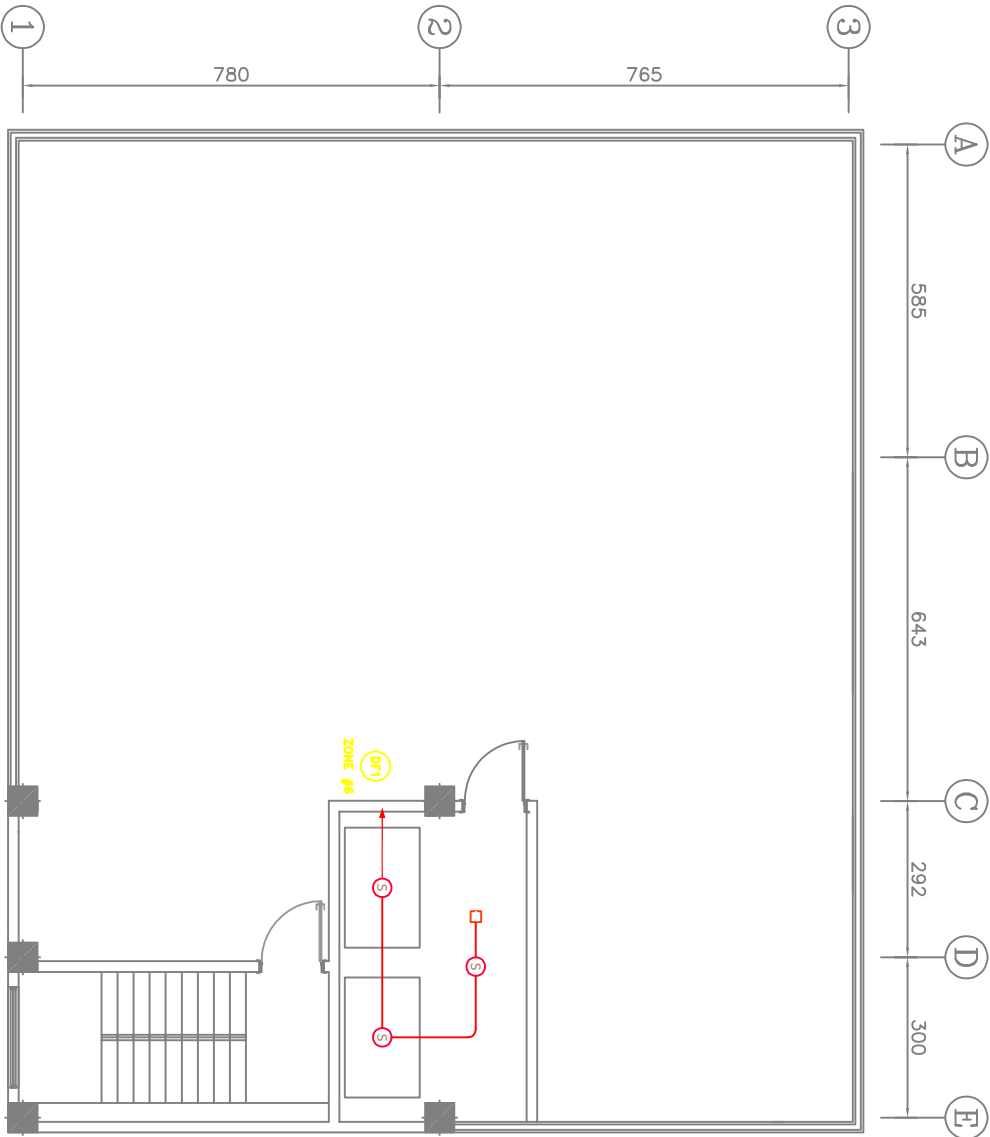
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03	1402/11/28	
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01	1402/09/08	

Date: **1404/07/29** Unit: **METRIC**

Scale: **1:100** Field: **ELECTRICAL**

Sheet number :

IV-EL-02-15



CODE NO.	ZONE NO.	WIRE/CABLE	CONDUIT	REMARK
DF1	ZONE #6	2x1.5 NYAF	Pg-11 PVC	ELEVATOR ROOM TO FAP IN GROUND FLOOR

2x1.5mm2 (STP) HALOGEN FREE & LOW SMOKE - سیم آتشگیر - IEC 331

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEEP Consultant



DESIGN CONSTRUCTION ATTORNEYS
UNIT 5, No. 10, JO MORRIS ST.
COOK COUNTY, ILL. 60606-1100
TEL: (708) 271-2871/2958
FAX: (708) 454-0711/01-0079
WWW.DESIGN-CON.COM

North Sign:



Key Plan:

Note:

Drawn By: **M.Farhadi**

Checked By: **M.Farhadi**

Approved By: **H.Monfared**

Dwg Is Issued For:

☐ Apr ☐ Const

Drawing Title:

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فک ادم فک

Revision :	
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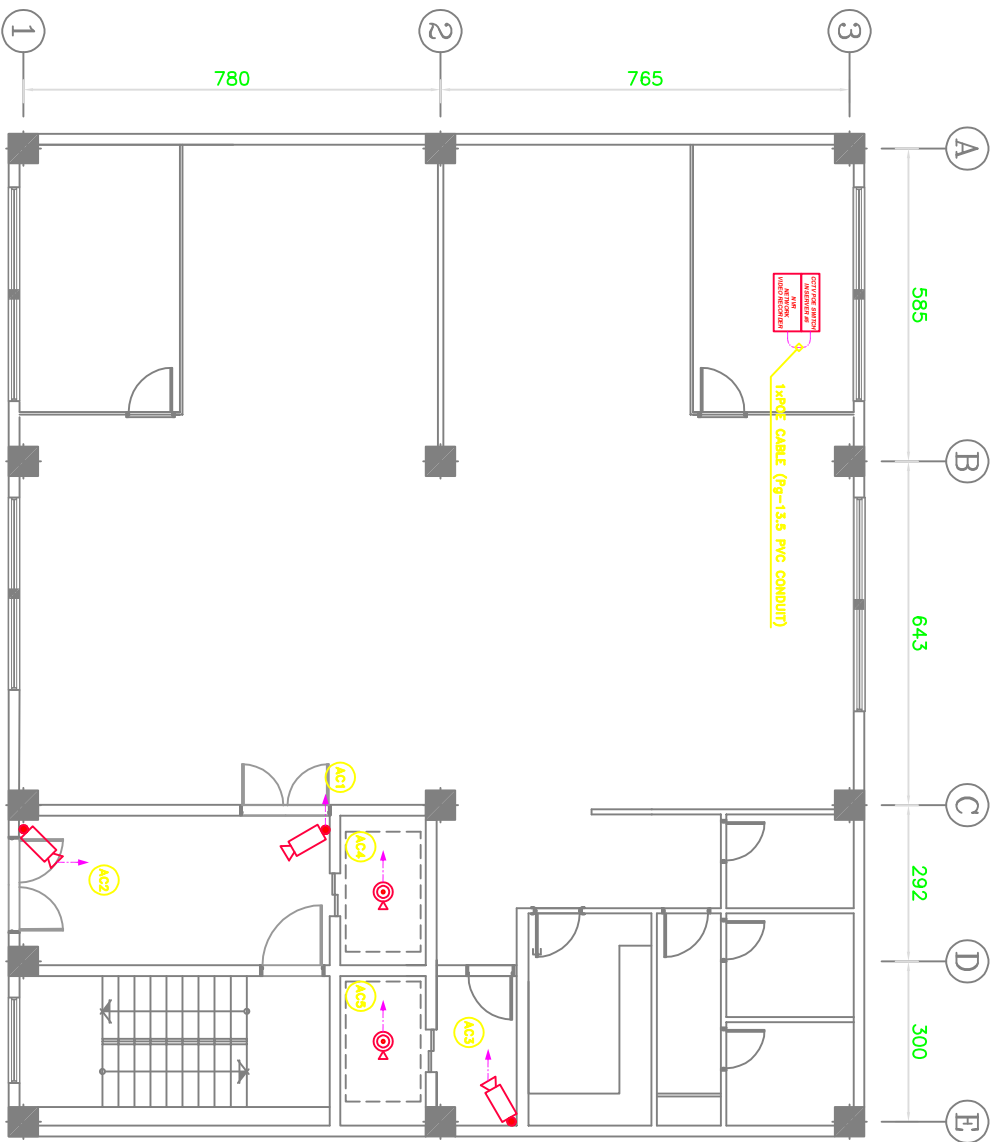
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1404/07/29	METRIC
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1.1M
ELECTRICAL

Sheet number :

1Y-EL-02-16

[illegible]

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEP Consultant :



North Sign:



Key Plan:

Note:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Mohtared

Day Is Issued For:
☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

هشتمین طبقه سیستم برق
چهارم طبقه

Revision :	Number	Date
04	1404/07/29	
03	1403/11/28	
02	1402/10/18	
01	1402/09/08	

Date :

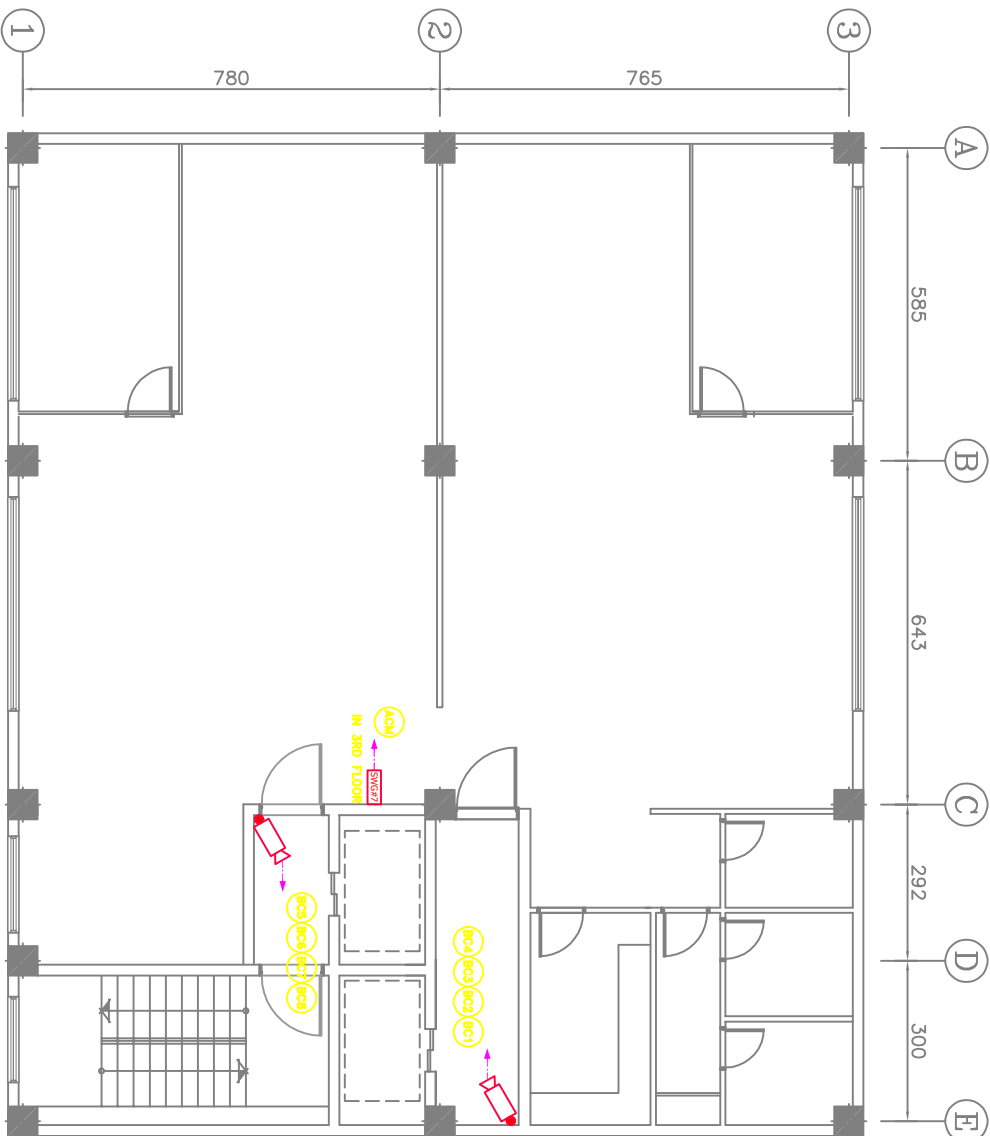
1404/07/29

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Sheet number :

IV-EL-02-17



CODE NO.	CCTV NO.	WIRE/CABLE	CONDUIT	REMARK
CCTV SYSTEM				
BC1	101	POE TYPE CABLE	Pg-13.5 PVC	1ST FLOOR TO SWG NO. 6 IN GROUND FLOOR
BC2	201	POE TYPE CABLE	Pg-13.5 PVC	2ND FLOOR TO SWG NO. 7 IN 3TH FLOOR
BC3	301	POE TYPE CABLE	Pg-13.5 PVC	3RD FLOOR TO SWG NO. 7 IN 3TH FLOOR
BC4	401	POE TYPE CABLE	Pg-13.5 PVC	4TH FLOOR TO SWG NO. 7 IN 3TH FLOOR
BC5	102	POE TYPE CABLE	Pg-13.5 PVC	1ST FLOOR TO SWG NO. 6 IN GROUND FLOOR
BC6	202	POE TYPE CABLE	Pg-13.5 PVC	2ND FLOOR TO SWG NO. 7 IN 3TH FLOOR
BC7	302	POE TYPE CABLE	Pg-13.5 PVC	3RD FLOOR TO SWG NO. 7 IN 3TH FLOOR
BC8	402	POE TYPE CABLE	Pg-13.5 PVC	4TH FLOOR TO SWG NO. 7 IN 3TH FLOOR

سیستم برق POE دوازده طبقه جهت اتصال به سرور مرکزی ساختمان
سیستم برق POE دوازده طبقه جهت اتصال به سرور مرکزی ساختمان
سیستم برق POE دوازده طبقه جهت اتصال به سرور مرکزی ساختمان
سیستم برق POE دوازده طبقه جهت اتصال به سرور مرکزی ساختمان

**ADMINISTRATION
BUILDING**

IRAN YASA CO.

ATISAZAN **آتيسان**

ATISAZAN CO.
BULEVARO DE LA PATRIA
CALLE 7, NO. 10, 2O MODOULO
GUAYAMA, P.R. 00931
TEL: 786-327-1258
FAX: 786-327-1259
WWW.ATISAZAN.CO

Drawn By: **M.Farhadi**
Checked By: **M.Farhadi**
Approved By: **H.Montazeri**

Dwg Is Issued For:

☒ Coor	☐ Tend
☐ Apr	☐ Const

Drawing Title :

هتھ پیر آدم نکیر و دھنکھن

Revision :	
Number:	Date:

1402/11/28

02	1402/10/18
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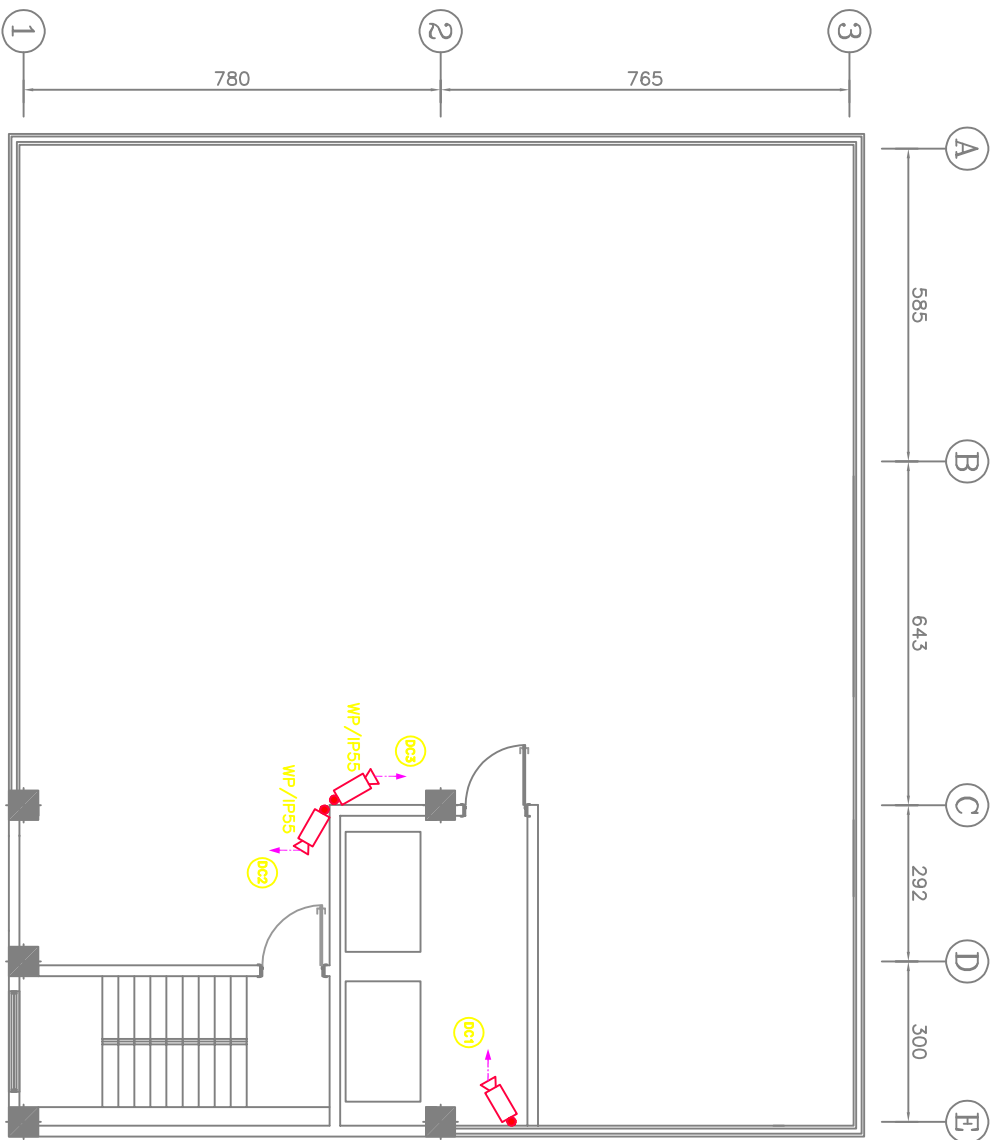
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1404/07/29	METRIC
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ELECTRICAL

Sheet number :

1Y-EL-02-18



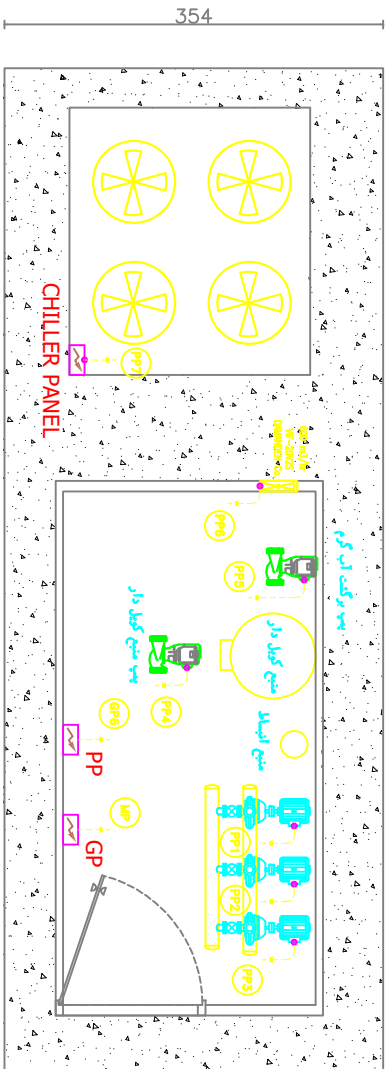
POE ديواری شبكه جهت اتصال به سرور مركزي ساختمان

POE TYPE **مستور** **جدار** **حدود** **دیوار**

 دوربین مدار بسته جهت نصب در فضای داخلی از نوع ثابت رنگی دیجیتال به همراه پراکت و متعلقات جانبی

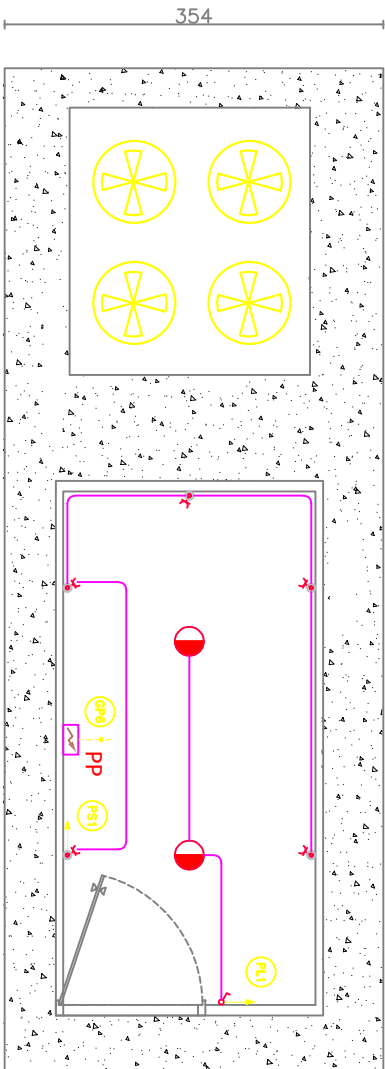
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500



PUMP STATION POWER LAYOUT

500



LIGHTING AND SOCKET LAYOUT

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MIP Consultant:



North Sign:



Key Plan:

Note:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Mohamed

Day Is Issued For:
☒ Core ☐ Tied
☐ Apr ☐ Const

Drawing Title :

مخطط تخطيط
مخطط تخطيط

Revision :	Number	Date
04	1404/07/29	
03	1402/11/28	
02	1402/10/18	
01	1402/09/08	

Date: 1404/07/29
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Unit: METRIC
Sheet number: ELECTRICAL

IV-EL-02-19

مهندس معماري: م.ف.ف.ف.
مهندس تخطيط: م.ف.ف.ف.
مهندس تخطيط: م.ف.ف.ف.

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.


M/E/P Consultant :



اتر آذان
اتر آذان پارس

موسسه تخصصی طراحی و مهندسی معماری
تهران - خیابان ولیعصر - پلاک ۱۳۳
تلفن : ۰۲۱-۸۸۸۸۸۸۸۸
وبسایت : www.atarazan.com

North Sign:



Key Plan:

Note:

Drawn By: **M.Farhadi**
Checked By: **M.Farhadi**
Approved By: **H.Mohtamed**

Dwg Is Issued For:
☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

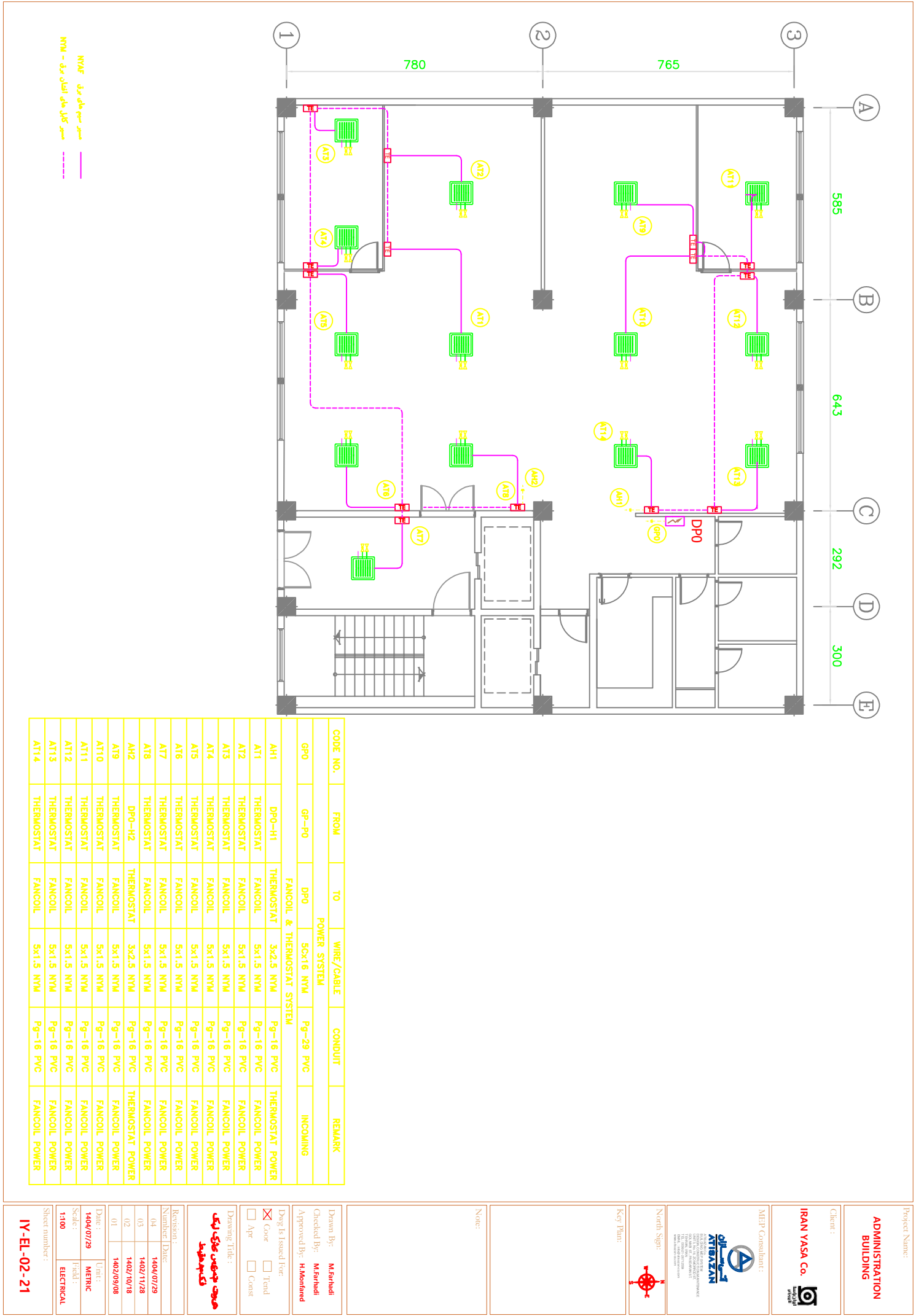
پلان برق ساختمان

Revision :	
Number	Date
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03	1402/11/28
02	1402/10/18
01	1402/09/08

Date : **1404/07/29** Unit : **METRIC**
Scale : **1:100** Field : **ELECTRICAL**

Sheet number :

IV-EL-02-20



Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEP Consultant:



North Sign:



Key Plan:

Note:

Drawn By: **M.Farhadi**
Checked By: **M.Farhadi**
Approved By: **H.Mohtared**

Dwg Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

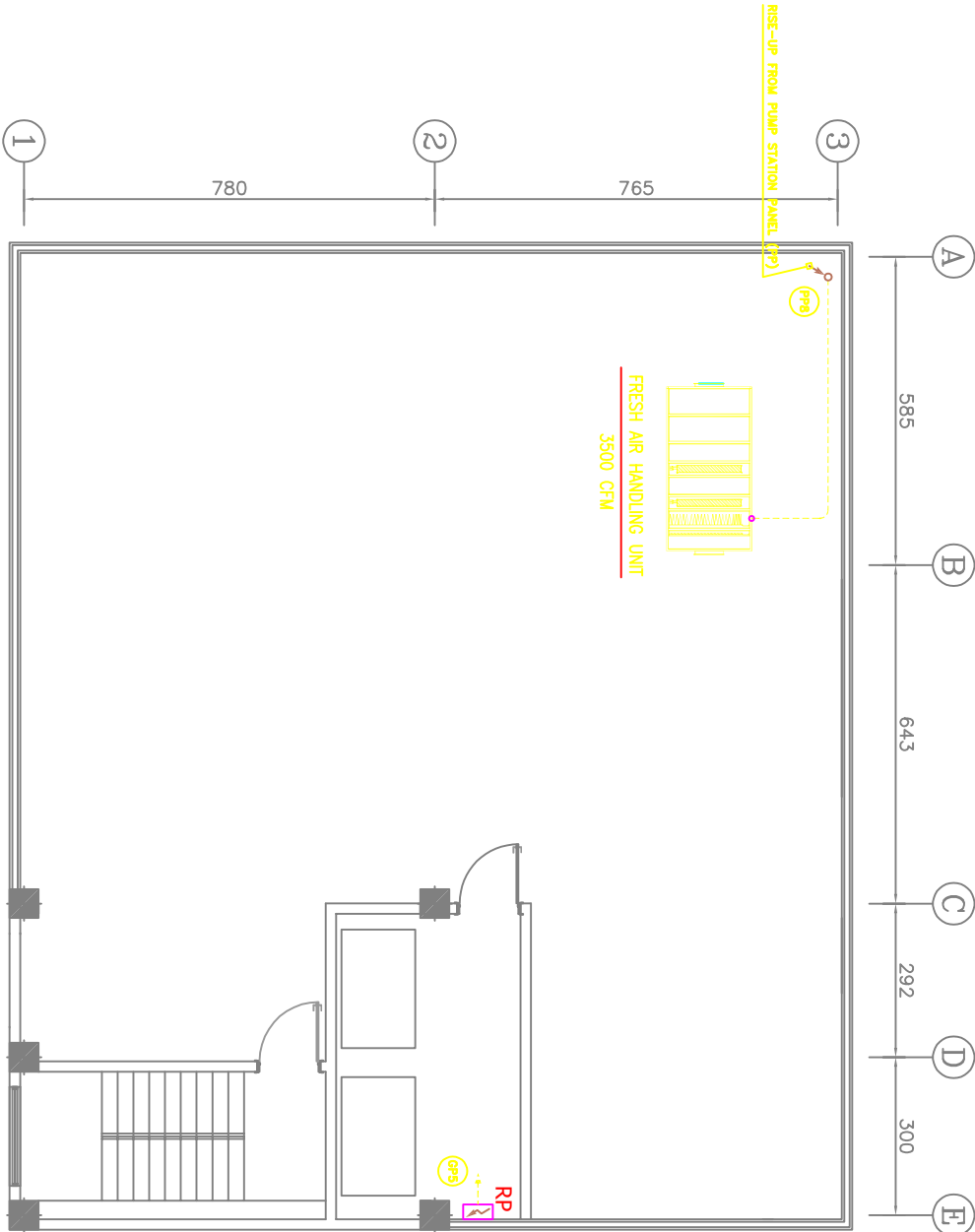
سیستم تهویه مطبوع
سیستم

Revision :	Number	Date
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03	1400/11/28	
02	1402/10/18	
01	1402/09/08	

Date :	Unit :
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Sheet number :

IV-EL-02-23



CODE NO.	FROM	TO	WIRE/CABLE	CONDUIT	REMARK
GP5	GP-P5	RP	3C×2.5 NYM	Pg-16 PVC	INCOMING
PP8	PP-P8	AHU1 (AIR HANDLING UNIT)	5×2.5 NYM	Pg-21 PVC	AIR HANDLING UNIT (SKW) POWER SUPPLY FROM PUMP STATION PANEL (PP)

سیستم تهویه مطبوع NYM
سیستم کابل افشان NYM - افشان

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEP Consultant:



North Sign:



Key Plan:

Note:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Mohamed

Day Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

نقشه
تاسیس

Revision:

Number	Date
04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

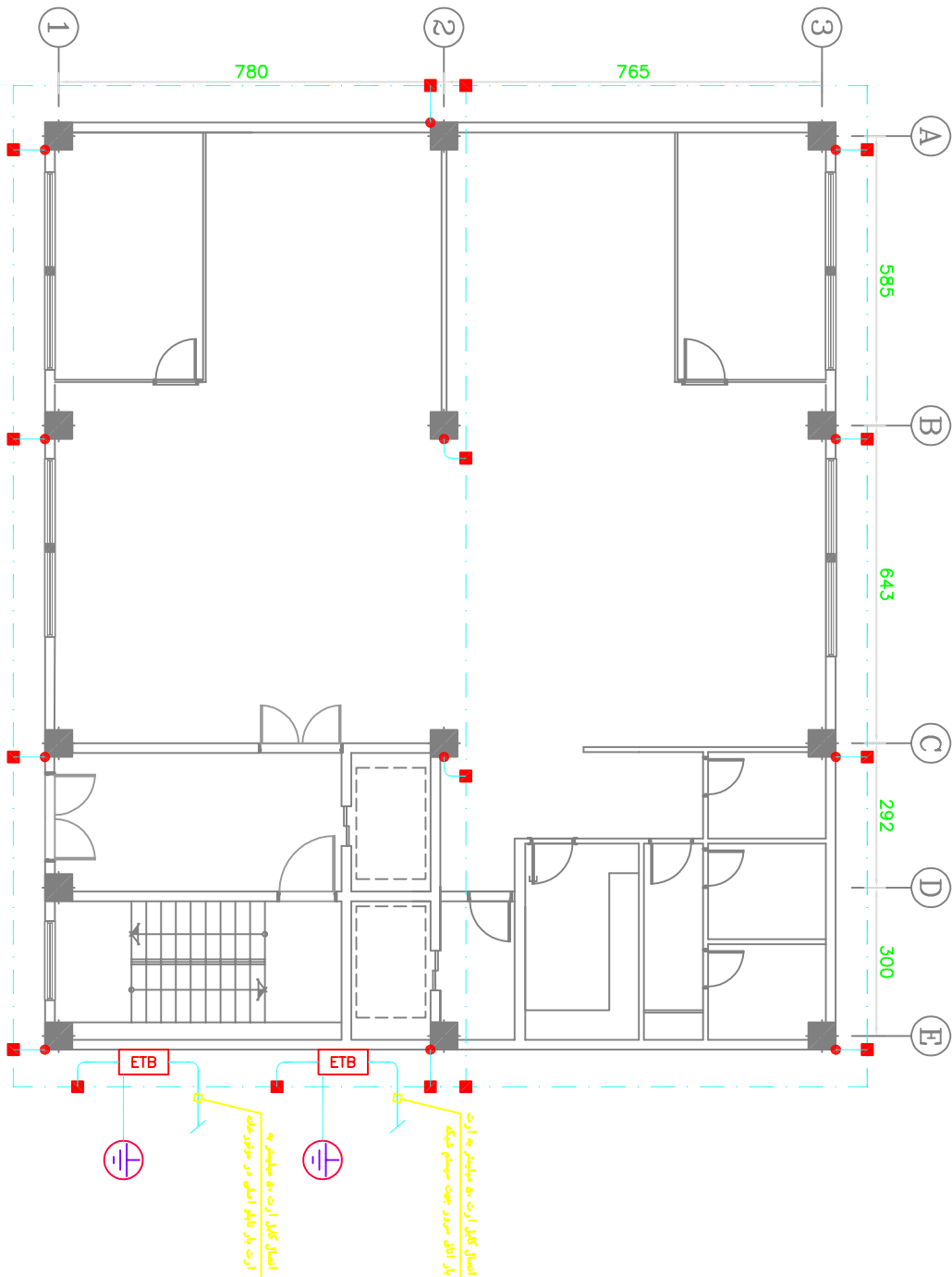
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Unit: METRIC

Sheet number: ELECTRICAL

IV-EL-02-24



Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEP Consultant :



MEPCON CONSULTING
MECHANICAL • ELECTRICAL • PLUMBING
CONSULTING ENGINEERING & ARCHITECTURE
P.O. BOX 1234567890 TEHRAN, IRAN
TEL: +98 (0)21 1234567890
FAX: +98 (0)21 1234567890
WWW.MEPCONCONSULTING.COM

North Sign:



Key Plan:

Note:

Drawn By: **M.Farhadi**
Checked By: **M.Farhadi**
Approved By: **H.Mohtased**

Dwg Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

**فهرست تجهیزات
پایه های تاسیسات**

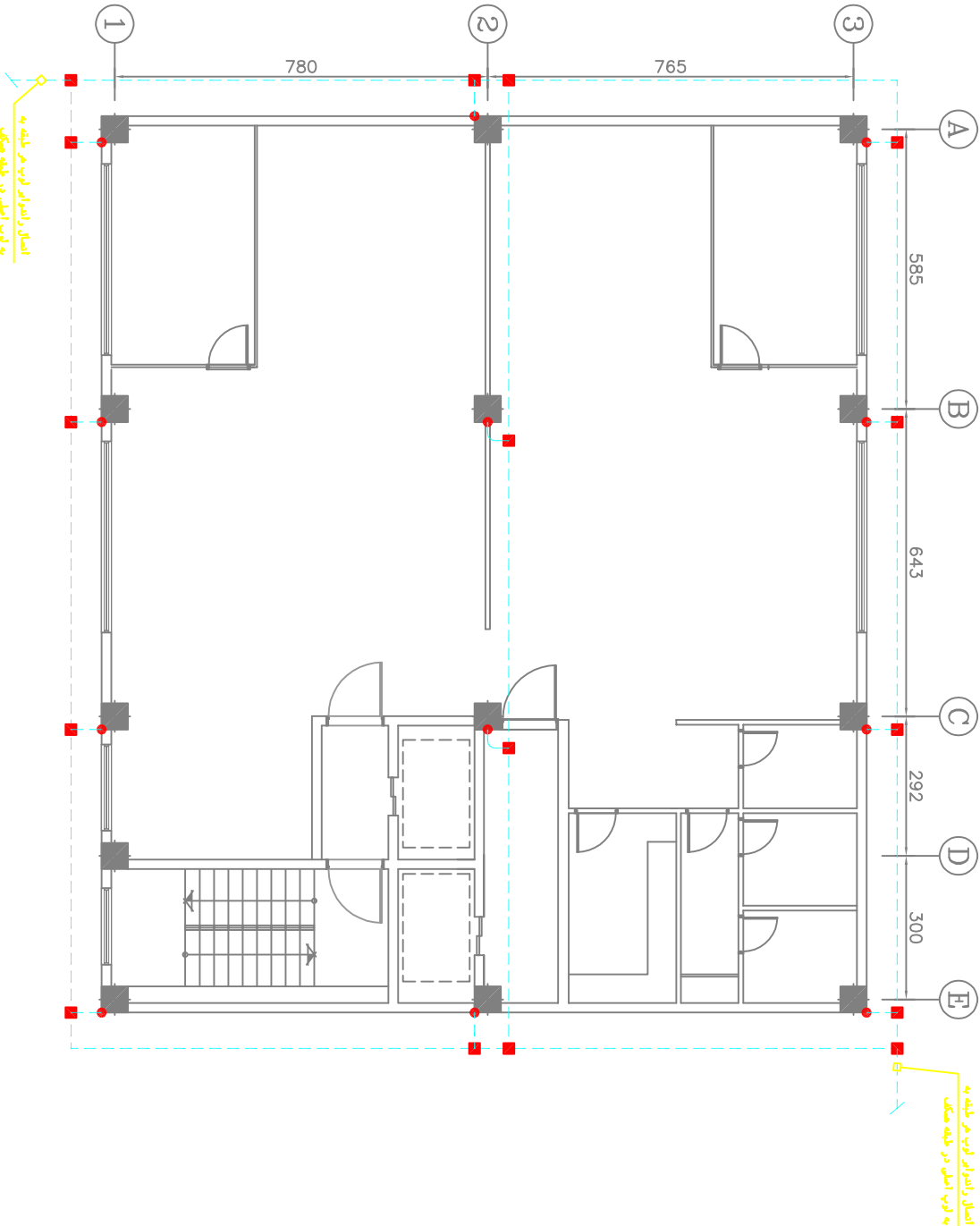
Revision :	
Number	Date
04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

Date: **1404/07/29** Unit: **METRIC**

Scale: **1:100** Field: **ELECTRICAL**

Sheet number :

IV-EL-02-25



Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



M/E/P Consultant:



North Sign:



Key Plan:

Notes:

Drawn By: M.Farhadi

Checked By: M.Farhadi

Approved By: H.Morfinford

Dwg Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

فصل چاه زمین

Revision :

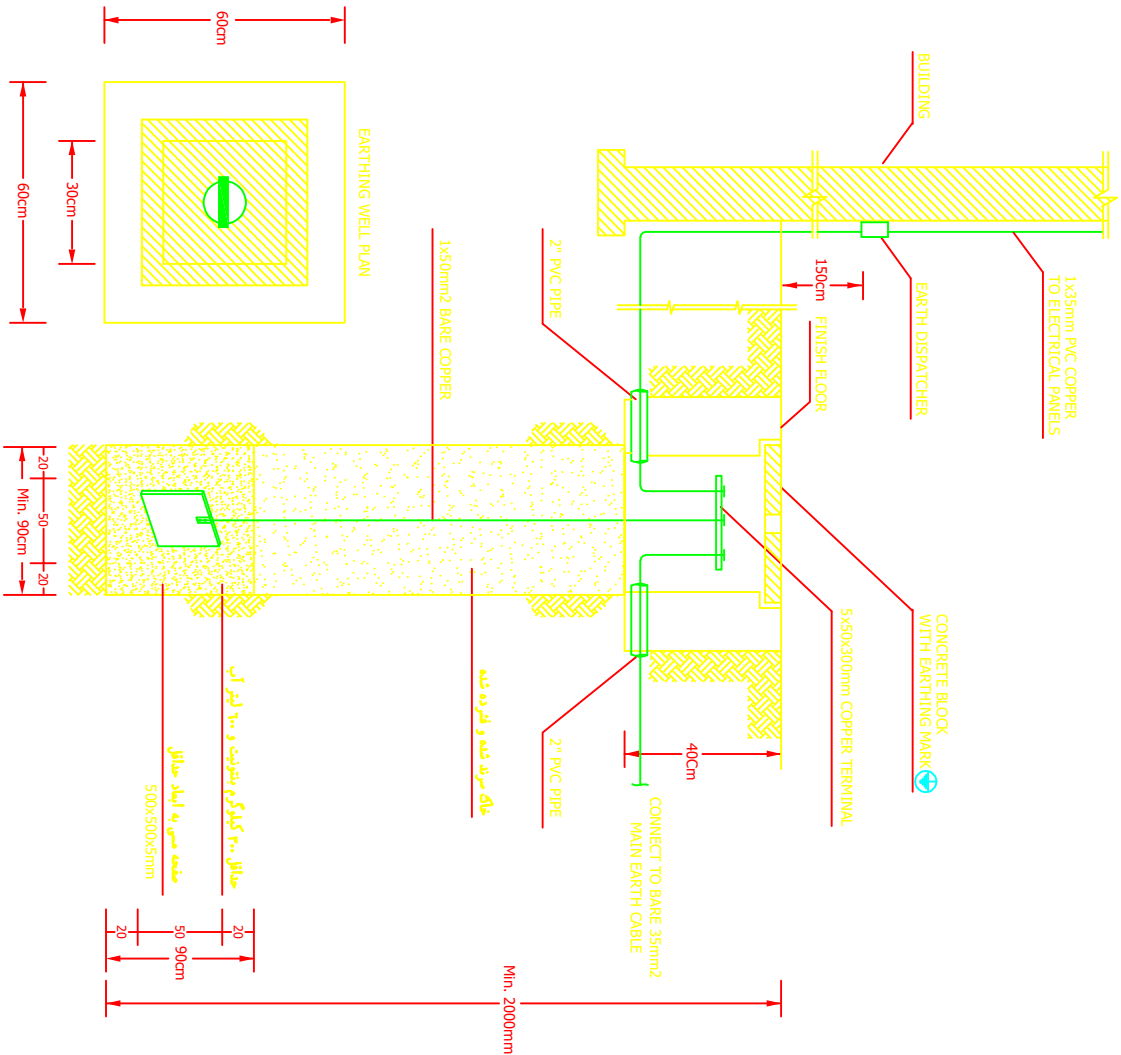
Number	Date
04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

Date: 1404/07/29

Scale: METRIC

Sheet number: ELECTRICAL

IV-EL-02-26



جزئیات چاه زمین E-ER-01

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEP Consultant :



North Sign:



Key Plan:

Note:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Morshed

Day Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

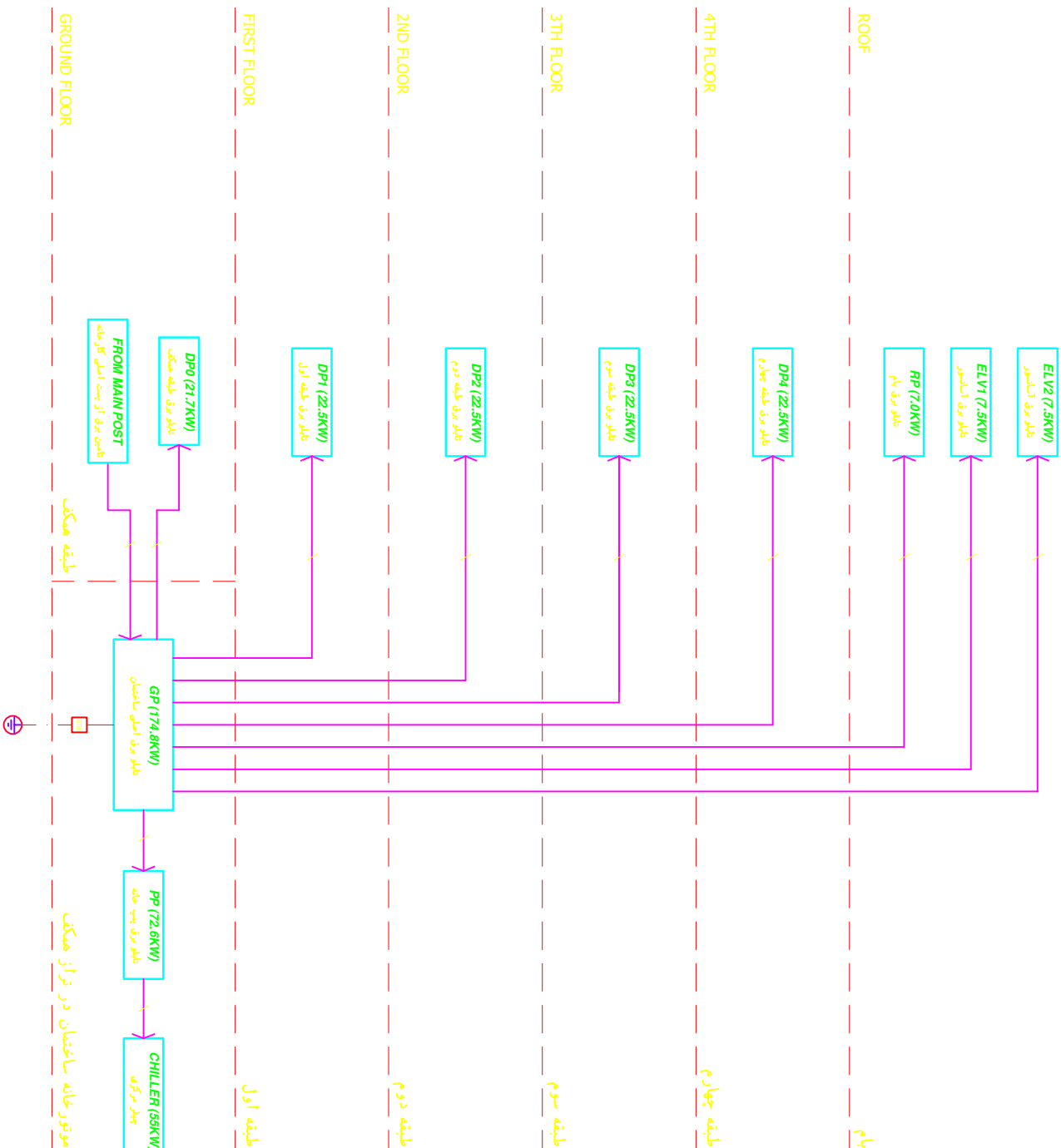
چشمه برق‌رسانی
داخلی و بیرونی

Revision :	Number	Date
	04	1404/07/29
	03	1402/11/28
	02	1402/10/18
	01	1402/09/08

Date : 1404/07/29
Scale : 1:100
Unit : METRIC
Field : ELECTRICAL

Sheet number :

IV-EL-02-27



نکته : کلیه کابل های برق در سیرهای عمودی بین طبقات از دیالکت برق و داخل لوله عبور داده شوند.

POWER ELECTRICAL DISTRIBUTION RISER DIAGRAM

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MEP Consultant:



North Sign:



Key Plan:

Note:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Mohtared

Day Is Issued For:
☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

کشی و طبقه بندی سیستم های مکانیکی

Revision :
Number Date

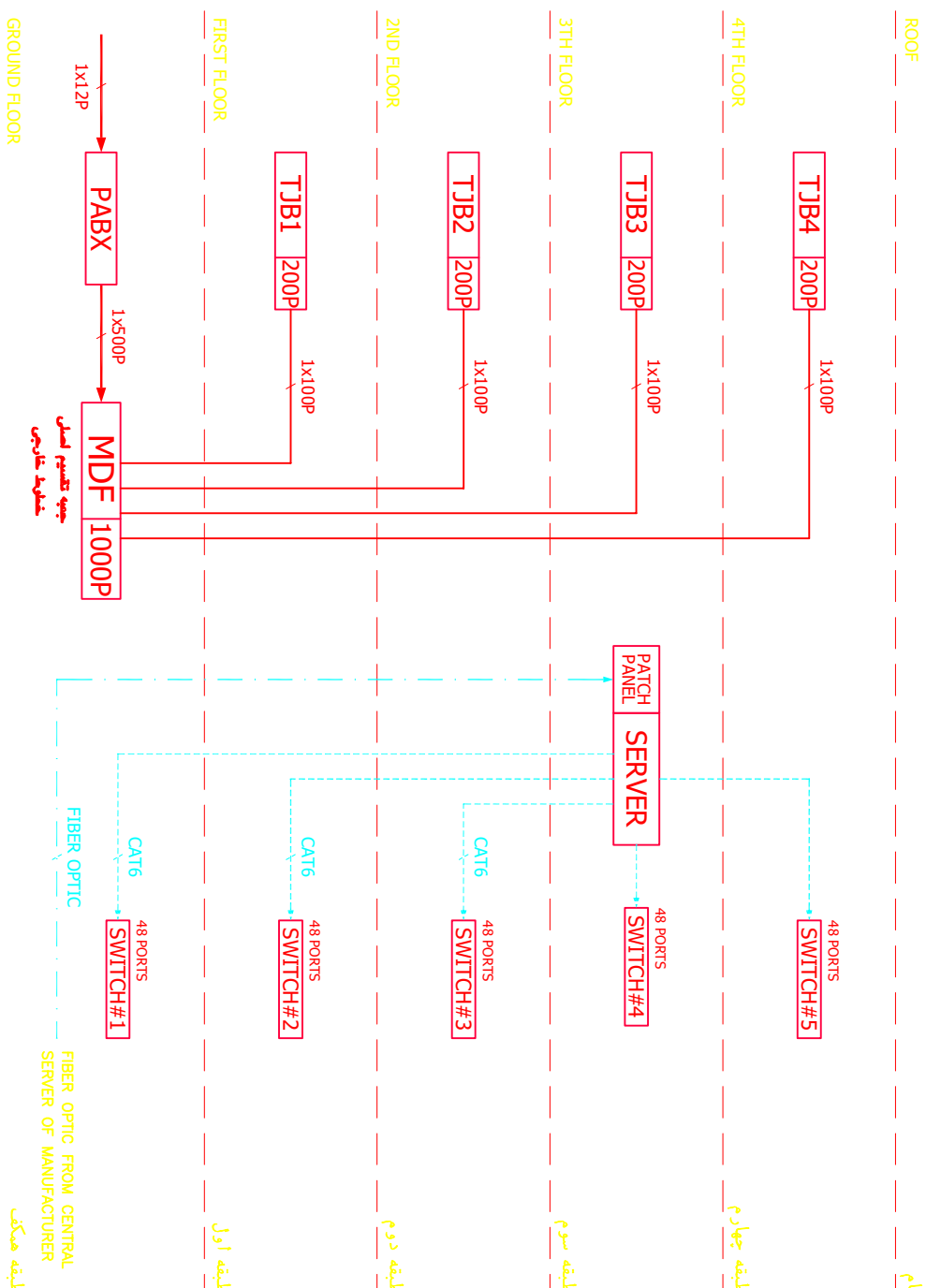
04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

Date : 1404/07/29 Unit : METRIC

Scale : 1:100 Field : ELECTRICAL

Sheet number :

IV-EL-02- 28



TELEPHONE SYSTEM RISER DIAGRAM

LAN SYSTEM RISER DIAGRAM

[illegible]

علامہ	توضیحات	جہ کی طرف سے تیار کیا گیا
	Earthing Test Box. Load : according to design.	جہ کی طرف سے تیار کیا گیا
	Panel Board Enhance (Pin) ICL. Power supply (kva, pin, 20kV)	تیار کیا گیا
Mechanical Interlock		تیار کیا گیا
	Copper Distribution Busbar (inside the panel board). Current rating : according to design. Short Circuit Current rating : according to design.	تیار کیا گیا
	Power Conductor Line. Current rating : according to design (pin, cross section & 15mm) Short Circuit Current rating : according to design.	تیار کیا گیا
	Control Conductor Line. Minimum cross section : 1.5mm ² .	تیار کیا گیا
	Protection Earth & Null Conductor Line. Current rating : according to design (pin, cross section & 15mm) Short Circuit Current rating : according to design.	تیار کیا گیا
	Protection Earth Conductor Line. Current rating : according to design (pin, cross section & 15mm) Short Circuit Current rating : according to design.	تیار کیا گیا
	Null Conductor Line. Current rating : according to design (pin, cross section & 15mm) Short Circuit Current rating : according to design.	تیار کیا گیا
	Phase Sequence Signs.	تیار کیا گیا
MCB	Miniature Circuit Breaker (General type)	تیار کیا گیا
MPCB	Motor Protection Circuit Breaker (General type)	تیار کیا گیا
LB	Load Breaker (General type)	تیار کیا گیا
LBR	Load Breaker - Robust Type (General type)	تیار کیا گیا
	(1-15.3kV) IMC Cartridge Fuse. Make Current rating : according to design. Break Current rating : according to design.	تیار کیا گیا
	(1-15.3kV) Modular Fuse Carrier. Break Current rating : according to design.	تیار کیا گیا
	(1-15.3kV) Load Breaker. Current rating : according to design.	تیار کیا گیا
	(1-15.3kV) Load Breaker - Robust Type. Current rating : according to design.	تیار کیا گیا
	(1-15.3kV) Miniature Circuit Breaker. Current rating : according to design. Short Circuit Current rating according to IEC 60266.	تیار کیا گیا
	(1-15.3kV) On Load Disconnecter. Current rating : according to design.	تیار کیا گیا
	(1-15.3kV) Disconnecter. Current rating : according to design.	تیار کیا گیا
	1 Phase & Null Miniature Circuit Breaker. Current rating : according to design. Short Circuit Current rating according to IEC 60266.	تیار کیا گیا

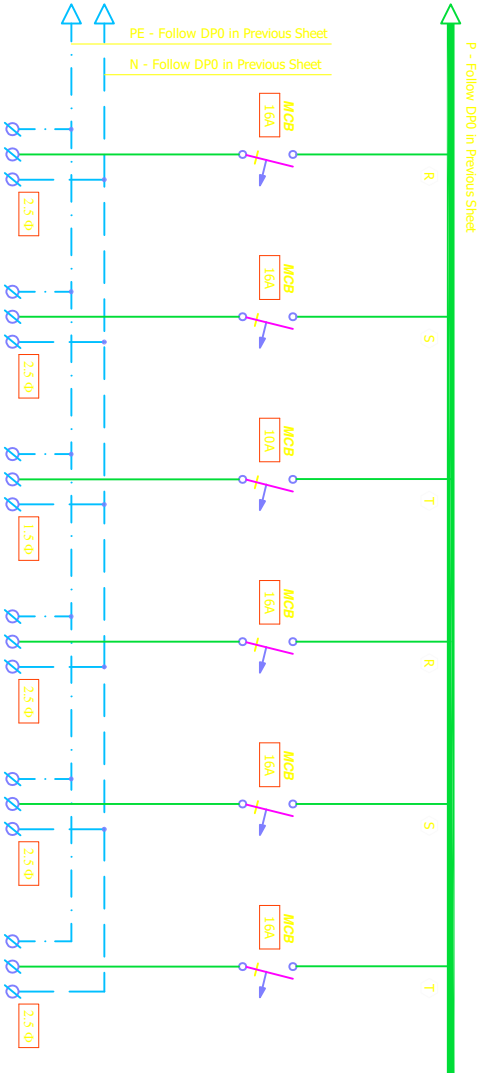
علامہ	توضیحات
TS	Time Switch (general sign)
PB	Push Button (general sign)
TR	Transformer - voltage (general sign)
CT	Current Transformer (general sign)
EG	EMERGENCY GENERATOR
	Stop Operation or Releasing Relay (Time) Time relay : according to design.
	Dimmer (remote dimmer) Power wiring : according to design. دیمر دھاری
	Time switch (Time) Time period : according to design. مکانک زمانہ
	Protective IUT Use wiring : according to design. حفاظت
	Auxiliary contact (slow operating - releasing relay). مکانک کنٹیکٹ بولڈ تفریق
	Auxiliary contact for thermal relay. مکانک کنٹیکٹ حرارتی
	Signal Test Selector or Push Button (automatically return to center). کنٹر سگنل ٹیسٹنگ یا پش بٹون خود بخود واپس آئے مرکز میں
	Isolating Transformer Power wiring : according to design. عزل کنندہ ترانسفورمر برقی رابطہ
	Auxiliary Contact (On & Fail). کمکی رابطہ کنٹیکٹ
	Voltmeter & Voltmeter Selector Switch (7 position). Voltage rating between 0-600. وولٹیج میٹر اور وولٹیج سلیکشن سوئچ (7 پوزیشن)۔
	Ammeter & Ammeter Selector Switch (4 position). Ammeter Rating : according to design. آمپر میٹر اور آمپر سلیکشن سوئچ (4 پوزیشن)۔
	Hour Counter Hour Rating : according to design. گھنٹہ کا شمار
	Under Voltage and Phase Sequence Protection Relay. پیشاب کم ولتاژ اور فیز سیکونس پروٹیکشن ریلی
	Lamp Signaling & Signaling with Buzzer. لامپ سگنلنگ اور سگنلنگ کے ساتھ بجلی
	(1-3 Pole) Terminal Block. ترمینل بلاک (ایک تا تین پول)
	Earth Wire. Detail : according to NEC-310-95d. زمین کی ڈرائنگ

علم	تفسيرات
MCCB	Molded Case Circuit Breaker (general sign).
MMMCCB	Moor Mechanism Molded Case Circuit Breaker (general sign).
RIS	Reset Time Switch (Time).
C	Contact (general sign).
B	Bimetal (Thermal Relay).
D	Overcurrent (general sign).
LR	Latching Relay (general sign).
TL	Time Lag Switch (general sign).
RLB	Residual Load Breaker (general sign).
S	Setting Range.
RCB	Residual Circuit Breaker (general sign).
TS	Timer setting.
Isc	Short Circuit Current.
It	Thermal Current.
In	Rated Current.
Ic	Load Current.
Im	Magnetic Current.
F	Fuse (general sign).
TB	Terminal Block (general sign).
SL	Signal Lighting (general sign).
SS	Select Switch (general sign).

PANEL NAME	FROM PANEL	CABLE SIZE	LOAD (KW)	isc (KA)
DP0	Gp	1 SC X 16 NYM	21.7	<6

Panel Specification			
Type	Flush Mounted		
Front Door	✓		
Back Door	-		
Inputs	UP		
Outputs	UP		
Insulated: Class I Ⓢ			
Protection Degree: IP31			

DP0 (Ground Floor Distribution Panel)



Number	16	17	18	19	20	21
Feeder No.	Fan Coil	Fan Coil	SPARE	SPARE	SPARE	SPARE
Wire/Cable Type	NYAF	NYAF	--	--	--	--
Wire/Cable Size	3x2.5	3x2.5	--	--	--	--
Conduit Size	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	--	--	--	--

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MIP Consultant:



ATTARZAN

CONSULTING ENGINEERING
ARCHITECTURE
DESIGN
CONSTRUCTION MANAGEMENT
ESTIMATION
VALUATION
PROJECT MANAGEMENT
TRAINING
RESEARCH
AND
TECHNOLOGY

North Sign:



Key Plan:

Note:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Mohtared

Dwg Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

قب لپه بندج کورام

Revision :

Number	Date
04	1404/07/29
03	1403/11/28
02	1402/10/18
01	1402/09/08

Date : 1404/07/29

Unit : METRIC

Scale : 1:100

Field : ELECTRICAL

Sheet number :

IV-EL-02-35

Project Name:

ADMINISTRATION
BUILDING

Client:



Panel Specification	
Type	Flush Mount
Front Door	✓
Back Door	-
Inputs	UP
Outputs	UP
Insulated: Class I 	
Protection Degree: IP21	

ATISAZAN

DEPARTMENT OF COMMUNITY COLLEGE STUDIES
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Key Plan:

Note:

Drawn By: **M.Farhadi**
Checked By: **M.Farhadi**
Approved By: **H.Monfared**

Dwg Is Issued For:

☒ Coord	☐ Tend
☐ Apr	☐ Const

Drawing Title :
 تزيين طين سطح كرام
 مردجولنا لواحقيل

Revision :	
Number:	Date:

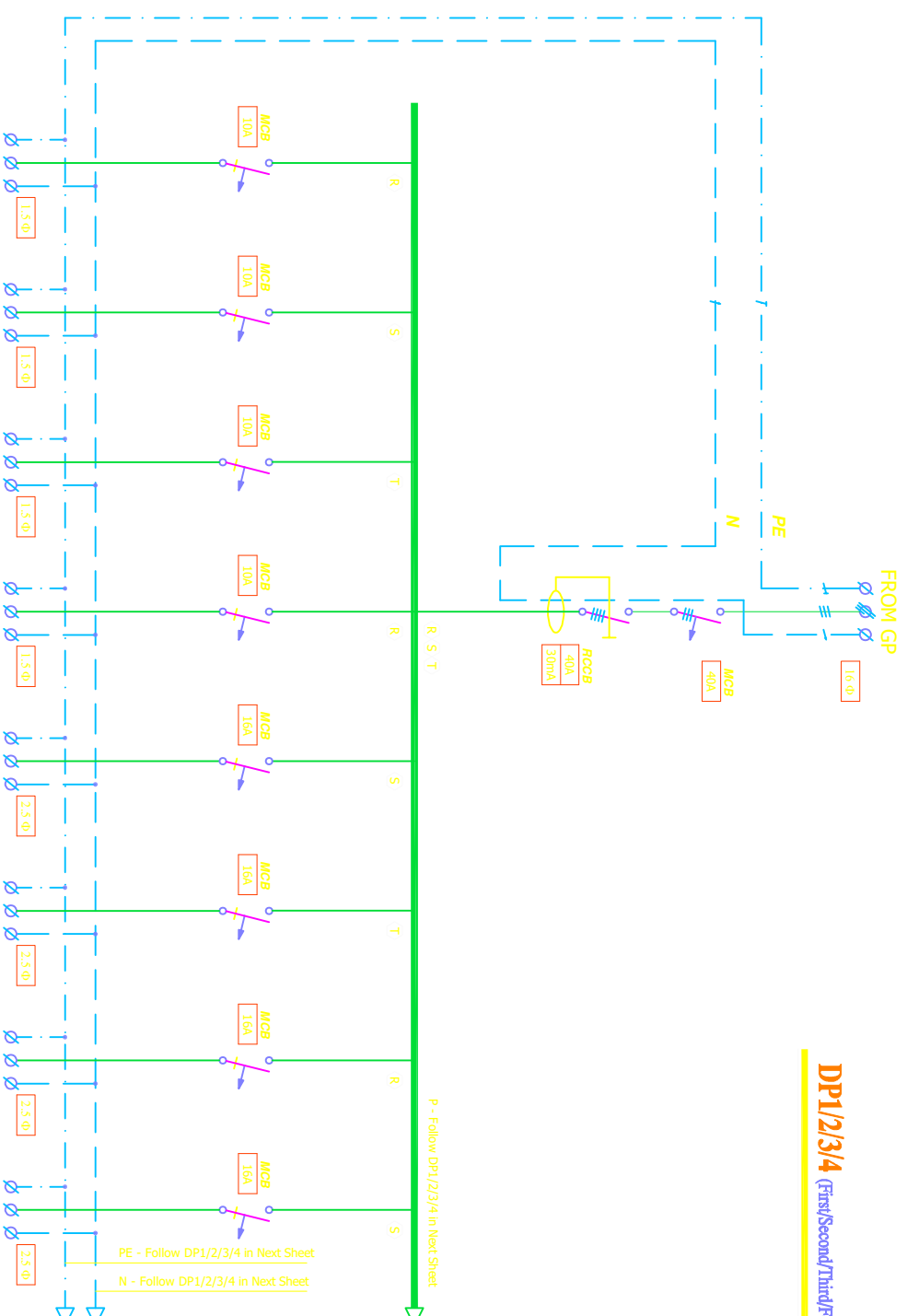
04	1402/01/23
03	1402/11/28
02	1402/10/18
01	1402/09/08

Date:	Unit:
1404/07/29	METRIC
Scale:	Field:
1-100	ELECTRIC

Sheet number :

1Y-EL-02-36

PANEL NAME	FROM PANEL	CABLE		LOAD	
		SIZE	TYPE	(Kw)	(kva)
DP1	GP 1	5 C X 16	NMY	22.5	<6
DP2	GP 1	5 C X 16	NMY	22.5	<6
DP3	GP 1	5 C X 16	NMY	22.5	<6
DP4	GP 1	5 C X 16	NMY	22.5	<6

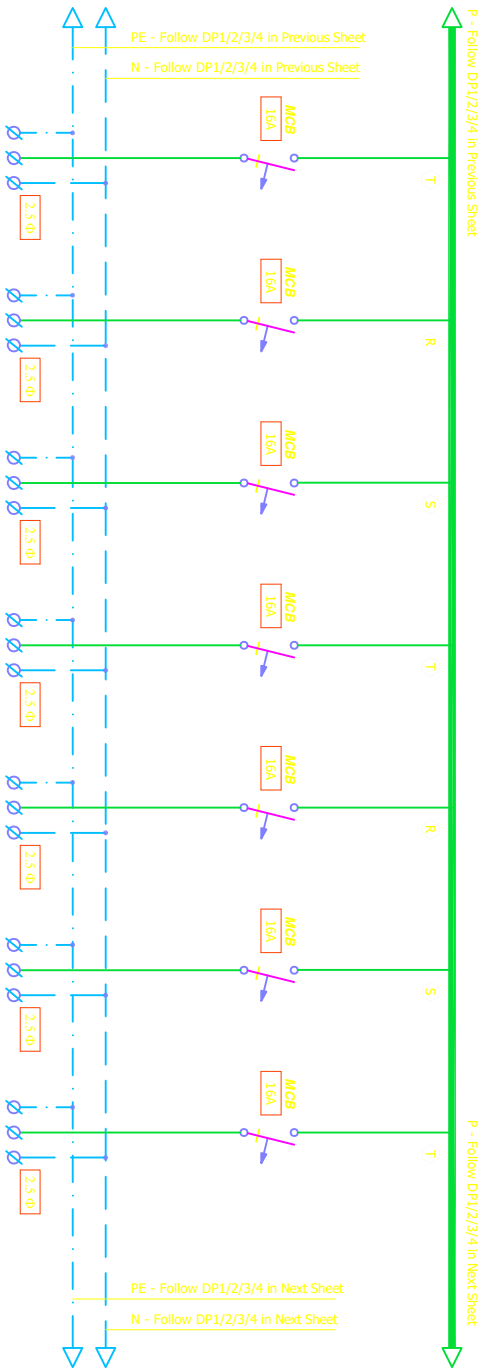
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DP1/2/3/4 (First/Second/Third/Forth Floor Distribution Panel)

PANEL NAME	FROM PANEL	CABLE SIZE	LOAD (KW)	Isc (KA)
DP1	GP 1	SC X 16 NYM	22.5	<6
DP2	GP 1	SC X 16 NYM	22.5	<6
DP3	GP 1	SC X 16 NYM	22.5	<6
DP4	GP 1	SC X 16 NYM	22.5	<6

Panel Specification			
Type	Flush Mounted		
Front Door	✓		
Back Door	-		
Inputs	UP		
Outputs	UP		
Insulated: Class I			
Protection Degree: IP31			

DP1/2/3/4 (First/Second/Third/Forth Floor Distribution Panel)



Number	9	10	11	12	13	14	15
Feeder No.	S5 (SOCKET)	S6 (SOCKET)	S7 (SOCKET)	S8 (SOCKET)	S9 (SOCKET)	S10 (SOCKET)	Fan Coil
Wire/Cable Type	NYAF	NYAF	NYAF	NYAF	NYAF	NYAF	NYAF
Wire/Cable Size	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5
Conduit Size	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT

Project Name:

ADMINISTRATION BUILDING

Client :

IRAN YASA Co.



MIP Consultant:



ATTARZAN

North Sign:



Key Plan:

Name:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Morfineni

Dwg Is Issued For:

☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :

فصل رله مدار کابل نام
مدیریت ساختمان

Revision :

Number	Date
04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

Date : 1404/07/29

Scale : METRIC

Sheet number : 1300

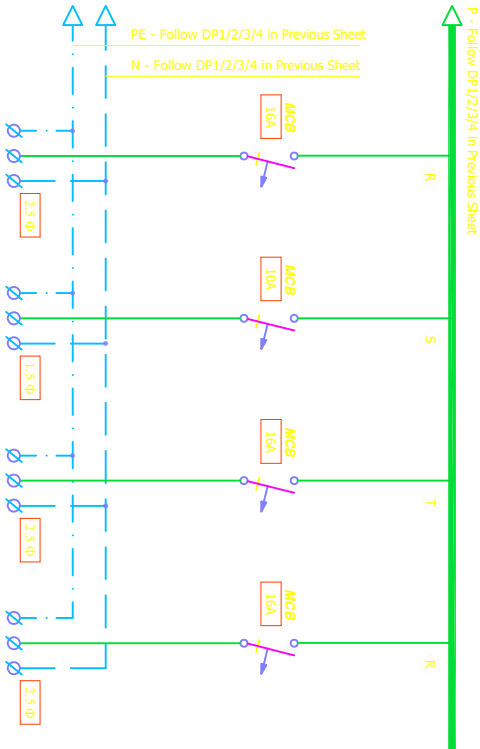
ELECTRICAL

IV-EL-02-37

PANEL NAME	FROM PANEL	CABLE SIZE	TYPE	LOAD (KW)	Isc (KA)
DP1	GP 1	5C X 16	NYM	22.5	<6
DP2	GP 1	5C X 16	NYM	22.5	<6
DP3	GP 1	5C X 16	NYM	22.5	<6
DP4	GP 1	5C X 16	NYM	22.5	<6

Panel Specification			
Type	Flush Mounted		
Front Door	✓		
Back Door	-		
Inputs	UP		
Outputs	UP		
Insulated: Class I 			
Protection Degree: IP31			

DP1/2/3/4 (First/Second/Third/Forth Floor Distribution Panel)



Number	16	17	18	19
Feeder No.	Fan Coil	SPARE	SPARE	SPARE
Wire/Cable Type	NYAF	--	--	--
Conduit Size	Pg-13.5 PVC CONDUIT	--	--	--

Project Name:

ADMINISTRATION
BUILDING

Client :

IRAN YASA Co.



MIP Consultant :



North Sign:



Key Plan:

Name:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Mohtared

Day Is Issued For:
☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :
فصل برق محلی کور نام
محلی کور نام

Revision :	Number	Date
	04	1404/07/29
	03	1402/11/28
	02	1402/10/18
	01	1402/09/08

Date :	1404/07/29	Unit :	METRIC
Scale :	1:100	Field :	ELECTRICAL

Sheet number :

IV-EL-02-38

Project Name:

ADMINISTRATION BUILDING

Client :

IRAN YASA Co.



MIP Consultant:



North Sign:



Key Plan:

Notes:

Drawn By: M.Farhadi
Checked By: M.Farhadi
Approved By: H.Mohtared

Day Is Issued For:
☒ Core ☐ Tend
☐ Apr ☐ Const

Drawing Title :
قبیله سید علی ناسم
پم

Revision :
Number Date

04	1404/07/29
03	1402/11/28
02	1402/10/18
01	1402/09/08

Date : 1404/07/29
Unit : METRIC
Scale : 1:100
Field : ELECTRICAL

Sheet number :

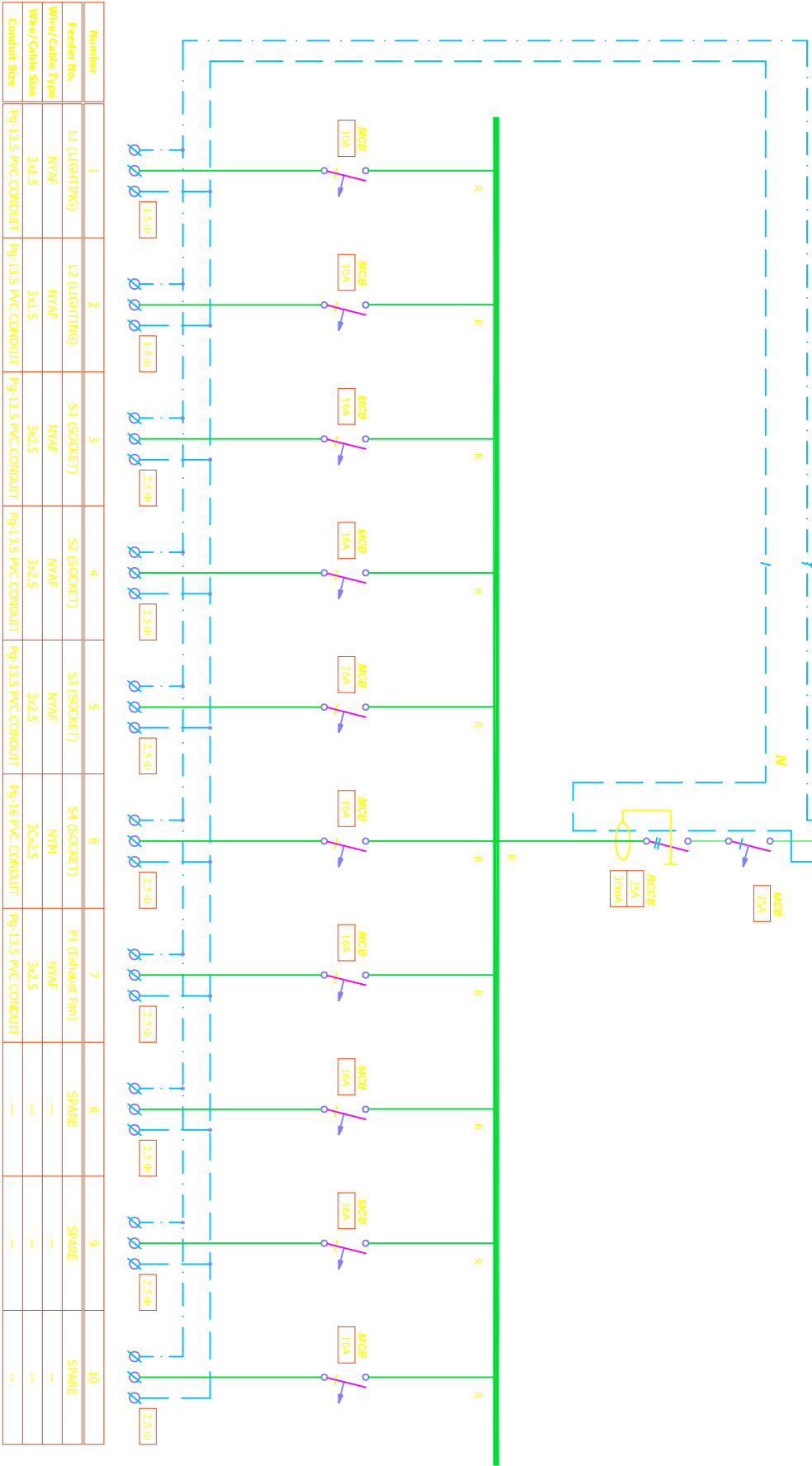
IV-EL-02-39

PANEL NAME	FROM PANEL	CABLE SIZE	LOAD (kW)	Is (KA)
RP	GP	1 3C X 2.5	7.0	<6

Panel Specification	
Type	Flush Mounted
Front Door	✓
Back Door	-
Inputs	UP
Outputs	UP
Insulated: Class I	⊕
Protection Degree:	IP31

FROM GP

RP (Roof Distribution Panel)



Number	1	2	3	4	5	6	7	8	9	10
Feeder No.	L1 (LIGHTING)	L2 (LIGHTING)	S1 (SOCKET)	S2 (SOCKET)	S3 (SOCKET)	S4 (SOCKET)	P1 (Exhaust Fan)	SPARE	SPARE	SPARE
Wire/Cable Type	NVAF	NVAF	NVAF	NVAF	NVAF	NVM	NVAF	--	--	--
Wire/Cable Size	3x1.5	3x1.5	3x2.5	3x2.5	3x2.5	3C2.5	3x2.5	--	--	--
Conduit Size	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	Pg-13.5 PVC CONDUIT	Pg-16 PVC CONDUIT	Pg-13.5 PVC CONDUIT	--	--	--

Project Name:

**ADMINISTRATION
BUILDING**

Client :

IRAN YASA Co



ATISAZAN

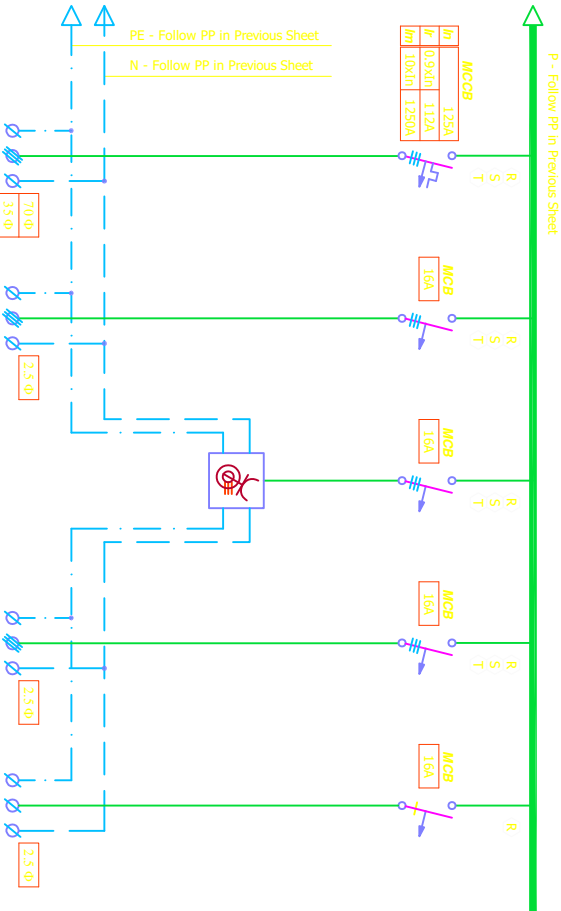
SOUTHERN CALIFORNIA INTERNATIONAL
 COURT, 2, No. 18, 20 MARCH ST.,
 GOLF PARK ST., PASADENA, CA 91101
 TEL: 0006-21-257712958
 FAX: 1760-7934297-10 GOLF
 PARK ST. PASADENA, CA 91101

North Sign



Key Plan:

Note



Number	9	10	11	12	13
Feeder No.	P5 (CH-01 / 55000W)	P6 (AHU1 / 5000W)	WS (3PH SOCKET)	SPARE	
Wire/Cable Type	NYM	NYM	NYM	-	
Wire/Cable Size	4C070 + 1C035	5C02.5	5C04	-	
Conduit Size	3 Inch PVC CONDUIT	Pg-21 PVC CONDUIT	Pg-29 PVC CONDUIT	-	

PANEL NAME	FROM PANEL	CABLE		LOAD (kW)	Isc (kA)	
		SIZE	TYPE			
pp	GP	1	40X95 + 10X35	NVM	72.6	<6

Panel Specification	
Type	Surface Mounted
Front Door	✓
Back Door	-
Inputs	DN
Outputs	UP
Insulated: Class I 	
Protection Degree: IP42	

PP (Ground Floor Pump Station Panel)

Date : 1404/07/29	Unit : METRIC
Scale : 1:100	Field : ELECTRICAL

Sheet number :

1Y-EL-02-41