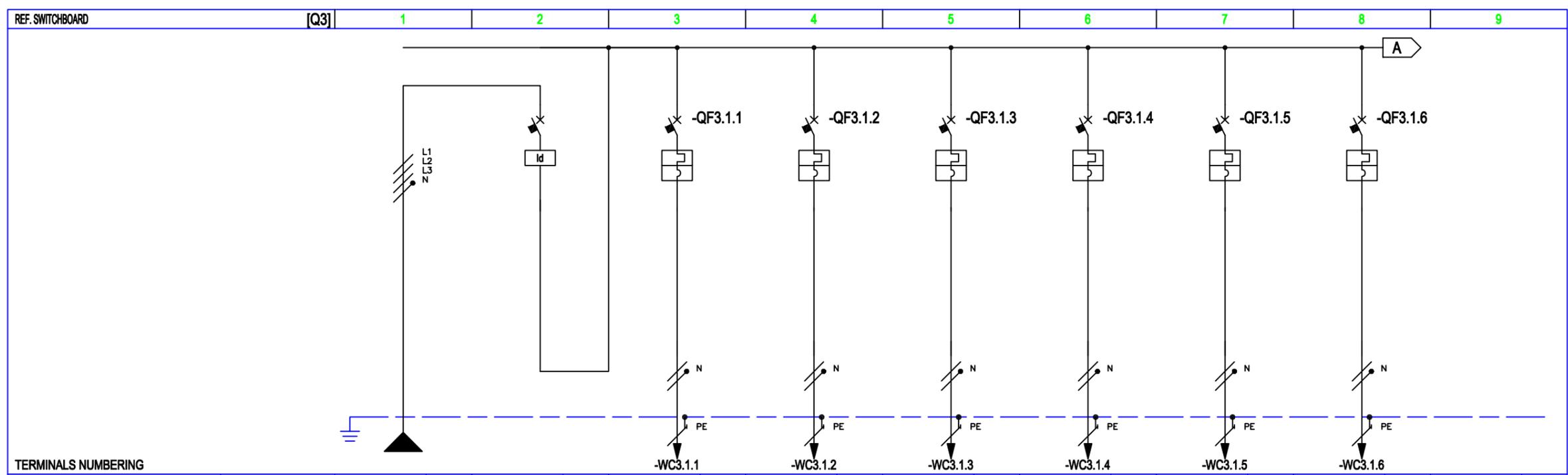


DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

ELECTRICAL PANELS / PANELET ELEKTRIKE



REF. SWITCHBOARD	[Q3]	1	2	3	4	5	6	7	8	9									
TERMINALS NUMBERING																			
CIRCUIT NUMBERING	DISTRIBUTION	L1L2L3NPE	1	L1L2L3N	2	L3NPE	3	L1NPE	4	L1NPE	5	L2NPE	6	L1NPE	7	L2NPE			
CIRCUIT DESCRIPTION		KRYESORI	KRYESORI	PRIZA SHERBIMI	PRIZA SHERBIMI	TUALETI 1	TUALETI 2	TRAU PARKIMI	BILETARIA										
EQUIPMENT			iID (4P)	iC40 N	iC40 N	iC40 N	iC40 N	iC40 N	iC40 N										
CIRCUIT BREAKER	Icu [kA] / Icn [A]			10	10	10	10	10	10										
	N. POLES		40	1P+N	16	1P+N	16	1P+N	16	1P+N	16	1P+N	16	1P+N	16				
	COURBE/TRIPPING UNIT			C	C	C	C	C	C										
	Ir [A]	tr [s]		16	16	10	10	10	10	16									
	I _{sd} [A]	t _{sd} [s]		160	160	100	100	100	100	160									
RESIDUAL CURRENT DEVICE	TYPE	CLASSE	iID (4P)	A															
	I _{dn} [A]	t _{dn} [ms]	0.03	Istantaneo															
CONTACTOR	TYPE	CLASSE																	
IMPULSE RELAY	COIL	N. POLES																	
THERMAL RELAY	TYPE	I _{rth} [A]																	
FUSE	N. POLES	I _n [A]																	
OTHER	TYPE	MODEL																	
CONDUCTORS	INSULATION	INST.METHOD	EPR	13	EPR	13	EPR	13	EPR	13	EPR	13	EPR	13	EPR	13			
	CROSS SECTION PHASE-N-PE/PEN [mm ²]		1x10	1x10	1x10			1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x4	1x4	1x4
	I _b [A]	I _z [A]	26.9	80			11.5	37	11.5	37	7.7	37	7.7	37	7.7	37	11.5	50	
Un [V]	P _n [kW]	400	14		14	230	2.4	230	2.4	230	1.6	230	1.6	230	1.6	230	2.4		
BOTTOM OF THE LINE	I _{cc min} [kA]	I _{cc max} [kA]	6.83	9.5			3.85	6.5	3.85	6.5	3.85	6.5	3.85	6.5	3.85	6.5	4.66	7.3	
	LENGHT [m]	dV TOTAL [%]	1	0			1	0.1	1	0.1	1	0.1	1	0.1	1	0.1	1	0.1	
NOTES		FG16R16-0,6/1 kV Cca-s3,d1,a3			FG16R16-0,6/1 kV Cca-s3,d1,a3			FG16R16-0,6/1 kV Cca-s3,d1,a3			FG16R16-0,6/1 kV Cca-s3,d1,a3			FG16R16-0,6/1 kV Cca-s3,d1,a3			FG16R16-0,6/1 kV Cca-s3,d1,a3		

PANELI ELEKTRIK	CUSTOMERS	ALBANIAN DEVELOPMENT FUND	PROJECT	ELECTRICAL PANELS	FILE	PARKIMI VLORE 2 [Q03].dwg
			ARCHIVE	-	DATE	REVISION R0.0
	PLANT	ELECTRICAL PANEL	DESIGNER	ING. OLGERT DHESKALI	PAGE	3 NEXT
			TABLE			



Legenda/Legend:

Notes:

Objekti / Object:
"Ndërtim i godinës së parkimit nëntokësor ,Vlorë"
"Construction of the underground parking building , Vlorë"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPAC
Studio Lokale Arkitekture
LOCAL Architecture Office
N.6732/14
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

IRI
Studio Lokale Arkitekture
LOCAL Architecture Office
N.6844/3
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
Studio Lokale Arkitekture
LOCAL Architecture Office
N.4651/14
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

IRI
Studio Lokale Arkitekture
LOCAL Architecture Office
N.6844/3
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

IRI
Studio Lokale Arkitekture
LOCAL Architecture Office
N.6844/3
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

IRI
Studio Lokale Arkitekture
LOCAL Architecture Office
N.6844/3
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

IRI
Studio Lokale Arkitekture
LOCAL Architecture Office
N.6844/3
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

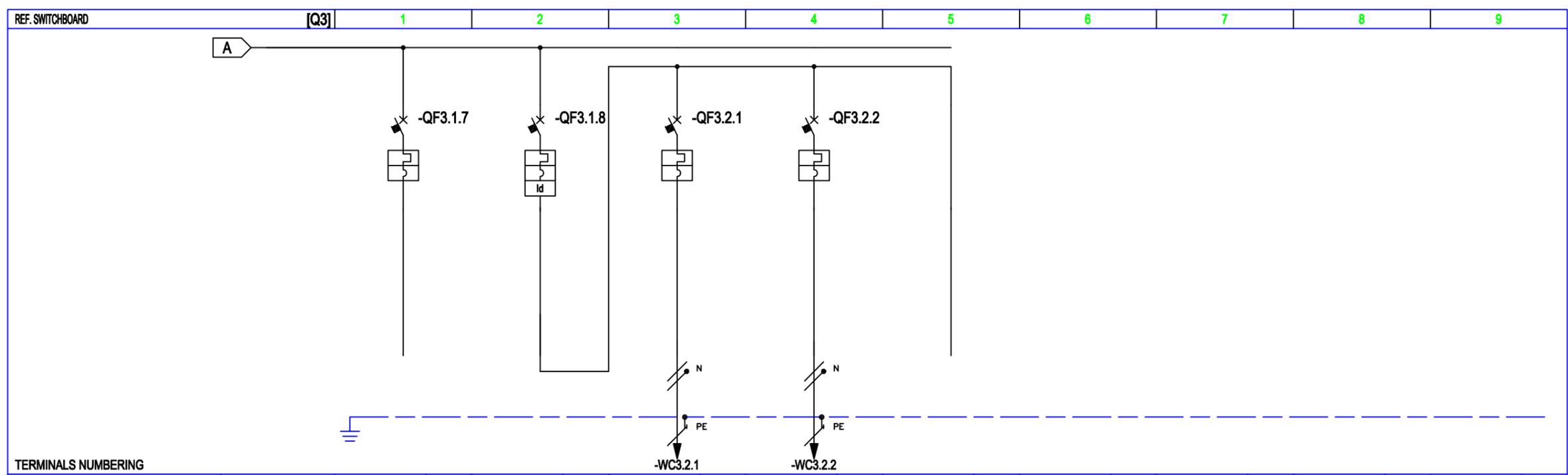
TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
TODI KONSTRUKTORI NE SHIPI

kapitulli numri:
E 38 ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE

faza: data: shkalla: format:
PT 1:300 A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

ELECTRICAL PANELS / PANELET ELEKTRIKE



REF. SWITCHBOARD		[Q3]	1	2	3	4	5	6	7	8	9	
TERMINALS NUMBERING												
CIRCUIT NUMBERING	DISTRIBUTION	8	L2NPE	9	L3NPE	10	L3NPE	11	L3NPE	12	L3NPE	
CIRCUIT DESCRIPTION		REZERVE		KRYESORI NDRICIMI		NDRICIMI JASHEM		NDRICIMI BRENDSEHEM		REZERVE		
EQUIPMENT		IC40 N		IC40 N		IC40 N		IC40 N				
CIRCUIT BREAKER	Icu [kA] / Icn [A]	10		10		10		10				
	N. POLES	In [A]	1P+N	16	1P+N	16	1P+N	10	1P+N	10		
	COURBE/TRIPPING UNIT		C		C		C		C			
	Ir [A]	tr [s]	6		16		6		6			
	I _{sd} [A]	t _{sd} [s]	60		160		60		60			
RESIDUAL CURRENT DEVICE	II [A]											
	Ig [A]	tg [s]										
	TYPE	CLASS	Vigi		AC							
IMPULSE RELAY	I _{dn} [A]	t _{dn} [ms]	0.03		Istantaneo							
	TYPE	CLASSE										
OTHER	TYPE	MODEL										
CONDUCTORS	INSULATION	INST.METHOD			EPR		13		EPR		13	
	CROSS SECTION PHASE-N-PE/PEN [mm ²]				1x2.5		1x2.5		1x1.5		1x1.5	
	I _b [A]	I _z [A]			4.8		37		4.8		27	
BOTTOM OF THE LINE	Un [V]	Pn [kW]	2		230		1		230		1	
	I _{cc min} [kA]	I _{cc max} [kA]			3.85		6.5		2.9		5.4	
	LENGHT [m]	dV TOTAL [%]			1		0.1		1		0.1	
NOTES						FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3				

PANELI ELEKTRIK	CUSTOMERS	ALBANIAN DEVELOPMENT FUND		PROJECT	ELECTRICAL PANELS	FILE	PARKIMI VLORE 2 [Q03].dwg
	PLANT	ELECTRICAL PANEL		ARCHIVE	-	DATE	REVISION R0.0
				DESIGNER	ING. OLGERT DHESKALI	PAGE	4
				TABLE			



Legenda/Legend:

Notes:

Objekti / Object:
"Nërtim i godinës së parkimit nëntokësor ,Vlorë "
"Construction of the underground parking building , Vlorë "

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE
Studio Lokale Arkitekture
Local Architecture Office
N.6732/14
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

IRI
Studio Lokale Arkitekture
Local Architecture Office
N.6844/3
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
Studio Lokale Arkitekture
Local Architecture Office
N.4651/14
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
TODA KONSTRUKSIONET NE SHALL
ARCHISPACE BASHK
The responsibility is shared between the project designer and the client. The client is responsible for the accuracy of the data provided. The designer is responsible for the accuracy of the design. The client is responsible for the accuracy of the construction. The designer is responsible for the accuracy of the construction. The client is responsible for the accuracy of the construction. The designer is responsible for the accuracy of the construction.

kapitulli	numri:	ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE	
E	39		
faza:	data:	shkalla:	format:
PT		1:300	A0

REF. SWITCHBOARD	[Q4]	1	2	3	4	5	6	7	8	9
------------------	------	---	---	---	---	---	---	---	---	---

PURCHASER
**CONSTRUCTION OF THE UNDERGROUND
PARKING BUILDING , VLORA**

ORDER

SWITCHBOARD
PANELI I NDRICIMIT TE JASHTEM

SWITCHBOARD CHARACTERISICS

UPSTREAM PLANT [Q0]			
VOLTAGE [V]	400	FREQ. [Hz]	50
SWITCHBOARD RATED CURRENT [A]			
SWITCHBOARD PERSPECTIVE CURRENT [kA]			9.5
NEUTRAL SYSTEM			TNS
BUSBAR SIZE			
In [A]	Icc [kA]		
STRUCTURE			METALLICA
INSULATION CLASS			IP

REFERENCE STANDARD	
MOULDED CASE CIRCUIT BREAKERS	<input checked="" type="checkbox"/> — CEI EN 60947-2
MINIATURE CIRCUIT BREAKERS	<input type="checkbox"/> — CEI EN 60947-2 <input type="checkbox"/> — CEI EN 60898
STRUCTURE	<input checked="" type="checkbox"/> — CEI EN 60439-1 <input type="checkbox"/> — CEI 23-48 — CEI 23-49 — CEI 23-51

PANELI ELEKTRIK	CUSTOMER	ALBANIAN DEVELOPMENT FUND	PROJECT	ELECTRICAL PANELS	FILE	PARKIMI VLORE 2 [Q04].dwg
			ARCHIVE	-	DATE	REVISION R0.0
	PLANT	ELECTRICAL PANEL	DESIGNER	ING. OLGERT DHEKALI	PAGE	1 NEXT
				TABLE		

Notes:

Objekti / Object:
"Ndërtim i godinës së parkimit nëntokësor ,Vlorë "
"Construction of the underground parking building , Vlora"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

- 
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve
- 
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve
- 
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve
- 
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve
- 
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
NËN KONTRASTIONIN E VËND
ARCHISPACI BFM
The responsibility is shared in equal parts. They are obliged to verify the data provided by the client and to inform the project team immediately if they are not correct. It is not possible to request a revision of the data provided by the client. They are not responsible for the accuracy of the data provided by the client. They are not responsible for the accuracy of the data provided by the client. They are not responsible for the accuracy of the data provided by the client.

kapitulli	numri:		
E	40	ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE	
faza:	data:	shkalla:	format:
PT		1:300	A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

ELECTRICAL PANELS / PANELET ELEKTRIKE

REF. SWITCHBOARD	[Q4]	1	2	3	4	5	6	7	8	9	
SYMBOLS											
CIRCUIT BREAKER	DISCONNECTOR	SWITCH-DISCONNECTOR	THERMAL PROTECTION	MAGNETIC PROTECTION	RESIDUAL CURRENT PROTECTION	OVERLOAD CUT OUT	FUSE	TOROID	MANUAL CONTROL		
AUTOMATIC CONTROL	TRIP FREE	ROTARY HANDLE	INTERLOCK	REMOVABLE/WITHDRAWAL EQUIPMENT	KEYLOCK OFF POSITION	KEYLOCK ON POSITION	AUXILIARY CONTACT	UNDERVOLTAGE RELEASE	SHUNT RELEASE		
CHANGE OVER SWITCH (FOR MEASUREMENT)	AMMETER	VOLTMETER	FREQUENCY METER	METER	NO CONTACTS CONTACTOR	MANUAL CONTROL CONTACTOR	NC CONTACTS CONTACTOR	IMPULSE RELAY	CLOCK		
TWILIGHT SWITCH	ASTRONOMIC CLOCK	UNINTERRUPTED POWER SYSTEM (UPS)	SOCKET	INTERLOCKED SOCKET WITH FUSES	SOFT STARTER	VARIABLE SPEED DRIVE	STAR DELTA STARTER	TRANSFORMER	SURGE PROTECTIVE DEVICE		
PANELI ELEKTRIK		CUSTOMER ALBANIAN DEVELOPMENT FUND			PROJECT ELECTRICAL PANELS	FILE PARKIMI VLORE 2 [Q04].dwg					
		PLANT ELECTRICAL PANEL			ARCHIVE -	DATE	REVISION R0.0				
					DESIGNER ING. OLGERT DHESKALI	PAGE 1a	NEXT				
					TABLE						

Legenda/Legend:

Notes:

Objekti / Object:
"Ndërtim i godinës së parkimit nëntokësor ,Vlorë "
"Construction of the underground parking building , Vlorë "

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE
Studio Lokale Arkitekture
Local Architecture Office
N.6732/14
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve

iRI
Studio Lokale Arkitekture
Local Architecture Office
N.6844/3
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
Studio Lokale Arkitekture
Local Architecture Office
N.4651/14
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve

MEK
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve

MEK
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve

MEK
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve

MEK
Firma/ Signature:
Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET QANET TE VERIFIKOHEN
TË GJITHA DIMENSIONET QANET TE VERIFIKOHEN
TË GJITHA DIMENSIONET QANET TE VERIFIKOHEN

kapitulli numri:
E 41 ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE

faza: data: shkalla: format:
PT PT 1:300 A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

ELECTRICAL PANELS / PANELET ELEKTRIKE

REF. SWITCHBOARD	[Q4]	1	2	3	4	5	6	7	8	9
------------------	------	---	---	---	---	---	---	---	---	---

NOTES

For the correct interpretation of the drawings a joint reading of all the project documents is required.
 The technical characteristics defined in the drawings shall be the minimum required.
 The voltage drops are always calculated from the start of the LV network.
 The line current of the UPS takes into account the battery charger function.
 The current project has being dimensioned and documented according the following reference standards:

- CEI 64-8
- CEI 0-21

Features of Micrologic control units:

- Micrologic 2.x: LI protection
- Micrologic 5.x: LSI protection
- Micrologic 6.x: LSIG protection
- Micrologic 7.x: LSIV protection
- Micrologic E: measurement of I, V, P, E, PF
- Micrologic H measurement of I, V, P, E, f, PF, Harmonics, THD

PANELI ELEKTRIK	CUSTOMER	ALBANIAN DEVELOPMENT FUND	PROJECT	ELECTRICAL PANELS	FILE	PARKIMI VLORE 2 [Q04].dwg
			ARCHIVE	-	DATE	REVISION R0.0
	PLANT	ELECTRICAL PANEL	DESIGNER	ING. OLGERT DHESKALI	PAGE	2 NEXT
			TABLE			

Legenda/Legend:

Notes:

Objekti / Object:
 "Ndërtim i godinës së parkimit nëntokësor ,Vlorë "
 "Construction of the underground parking building , Vlora"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

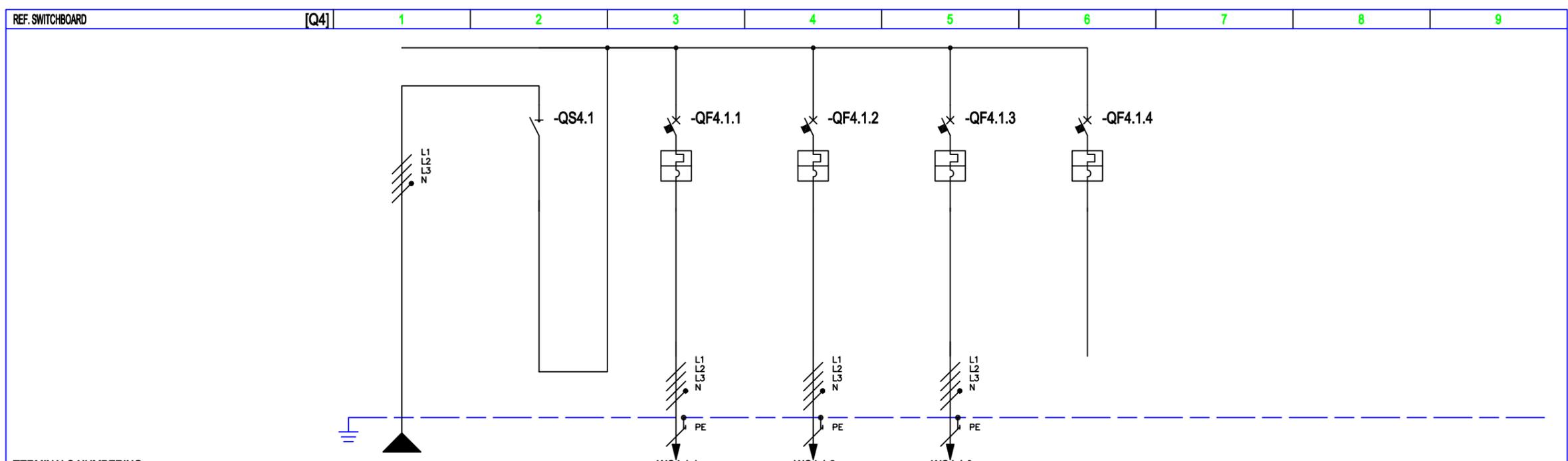
 Studio Lokale Arkitekture LOCAL Architecture Office Arkitekti/Architect Flora Petre Inxhinier Ndërtimor/ Structural Engineer Lorena Ruge Inxhinier Elektrik/ Electrical Engineer Ezekiel Shariq M22 Faza Projektion Flora Petre	N.6732/14	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
 Studio Lokale Arkitekture LOCAL Architecture Office Arkitekti/Architect Gent Agbi	N.6844/3	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
 Studio Lokale Arkitekture LOCAL Architecture Office Inxhinier Hidroteknik/ Hydrotechnical Engineer Alban Topa	N.4651/14	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inxhinier Ndërtimor/ Structural Engineer Dhimitër Papa		Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inxhinier Elektrik/ Electrical Engineer Olgeri Dheskali		Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inxhinier Mekanik/ Mechanical Engineer		Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
M22 Faza Projektion Erjon Dheskali		Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inxhinier Hidroteknik/ Hydrotechnical Engineer		Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
 NGA KONTRAKTORIN E VEPRIMEN
 ARCHISPACE BFM
 The responsibility is taken in whole by the contractor for the accuracy of the data and the quality of the work. The contractor is responsible for the accuracy of the data and the quality of the work. The contractor is responsible for the accuracy of the data and the quality of the work.

kapitulli	numri:	ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE	
E	42		
faza:	data:	shkalla:	format:
PT		1:300	A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

ELECTRICAL PANELS / PANELET ELEKTRIKE



REF. SWITCHBOARD	[Q4]	1	2	3	4	5	6	7	8	9								
TERMINALS NUMBERING																		
CIRCUIT NUMBERING	DISTRIBUTION	L1L2L3NPE	1	L1L2L3N	2	L1L2L3NPE	3	L1L2L3NPE	4	L1L2L3NPE	5	L3NPE						
CIRCUIT DESCRIPTION		KRYESORI	KRYESORI	NDRICIMI L1	NDRICIMI L2	NDRICIMI L3	REZERVE											
EQUIPMENT			iSW	iC40 N	iC40 N	iC40 N	iC40 N											
CIRCUIT BREAKER	Icu [kA] / Icn [A]			10	10	10	10											
	N. POLES		40	3P+N	3P+N	3P+N	1P+N											
	COURBE/TRIPPING UNIT			C	C	C	C											
	I _r [A]	tr [s]			10	10	10	6										
	I _{sd} [A]	tsd [s]			100	100	100	60										
	I _i [A]																	
RESIDUAL CURRENT DEVICE	TYPE	CLASSE																
	I _{dn} [A]	tdn [ms]																
CONTACTOR	TYPE	CLASSE																
IMPULSE RELAY	COIL	N. POLES	I _n [A]															
THERMAL RELAY	TYPE	I _{rth} [A]																
FUSE	N. POLES	I _n [A]																
OTHER	TYPE	MODEL																
CONDUCTORS	INSULATION	INST.METHOD	EPR	13	EPR	13	EPR	13	EPR	13								
	CROSS SECTION PHASE-N-PE/PEN [mmq]		1x10	1x10	1x10	1x10	1x10	1x10	1x10	1x10	1x10	1x10						
	I _b [A]	I _z [A]	21.2	80	6.7	80	7.7	80	6.7	80								
BOTTOM OF THE LINE	Un [V]	Pn [kW]	400	13.2	13.2	400	4.2	400	4.8	400	4.2							
	I _{cc min} [kA]	I _{cc max} [kA]	6.83	9.5	5.81	9.1	5.81	9.1	5.81	9.1								
	LENGHT [m]	dV TOTAL [%]	1	0	1	0.1	1	0.1	1	0.1								
NOTES		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3										

PANELI ELEKTRIK	CUSTOMERS	ALBANIAN DEVELOPMENT FUND	PROJECT	ELECTRICAL PANELS	FILE	PARKIMI VLORE 2 [Q04].dwg
	PLANT	ELECTRICAL PANEL	ARCHIVE	-	DATE	REVISION R0.0
			DESIGNER	ING. OLGERT DHESKALI	PAGE	3 NEXT
			TABLE			



Legenda/Legend:

Notes:

Objekti / Object:
"Ndërtim i godinës së parkimit nëntokësor ,Vlorë "
"Construction of the underground parking building , Vlorë "

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE
Studio Lokale Arkitekture
Local Architecture Office
Arkitekti/Architect: Ardit Pirene, Ardit Jasheli
Inzhineri Ndërtimor/Structural Engineer: Lorenc Dega
Inzhineri Elektrik/Electrical Engineer: Esatim Shariq
M2D Pika Proektor
Pika Proektor

IRI
Studio Lokale Arkitekture
Local Architecture Office
Arkitekti/Architect: Odit Aguti

SPHAERA
Studio Lokale Arkitekture
Local Architecture Office
Inzhineri Hidroteknik/Hydropneumatic Engineer: Ajdit Topaj

Inzhineri Ndërtimor/Structural Engineer: Odit Dega
Odit Dega

Inzhineri Elektrik/Electrical Engineer: Odit Dega
Odit Dega

Inzhineri Mekanik/Mechanical Engineer: Odit Dega
Odit Dega

M2D Pika Proektor
Pika Proektor

Inzhineri Hidroteknik/Hydropneumatic Engineer: Odit Dega
Odit Dega

TE GJITHA DIMENSIONET QANET TE VERIFIKOHEN
TODA KONSTRUKTORI NE SHPIR
ALL DIMENSIONS MUST BE CHECKED
BY THE CONSTRUCTOR AT THE END

kapitulli numri:
E 43 ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE

faza: data: shkalla: format:
PT PT 1:300 A0

REF. SWITCHBOARD	[Q5]	1	2	3	4	5	6	7	8	9
------------------	------	---	---	---	---	---	---	---	---	---

PURCHASER
**CONSTRUCTION OF THE UNDERGROUND
 PARKING BUILDING , VLORA**

ORDER

SWITCHBOARD
PANELI I NDRICIMIT TE PARKIMIT -1

SWITCHBOARD CHARACTERISICS

UPSTREAM PLANT [Q0]			
VOLTAGE [V]	400	FREQ. [Hz]	50
SWITCHBOARD RATED CURRENT [A]			
SWITCHBOARD PERSPECTIVE CURRENT [kA]			9.5
NEUTRAL SYSTEM			TNS
BUSBAR SIZE			
In [A]	Icc [kA]		
STRUCTURE			METALLICA
INSULATION CLASS			IP

REFERENCE STANDARD

MOULDED CASE CIRCUIT BREAKERS	<input checked="" type="checkbox"/>	— CEI EN 60947-2
MINIATURE CIRCUIT BREAKERS	<input type="checkbox"/>	— CEI EN 60947-2
	<input type="checkbox"/>	— CEI EN 60898
STRUCTURE	<input checked="" type="checkbox"/>	— CEI EN 60439-1
	<input type="checkbox"/>	— CEI 23-48
		— CEI 23-49
		— CEI 23-51

PANELI ELEKTRIK	CUSTOMER	ALBANIAN DEVELOPMENT FUND	PROJECT	ELECTRICAL PANELS	FILE	PARKIMI VLORE 2 [Q05].dwg
			ARCHIVE	-	DATE	REVISION R0.0
	PLANT	ELECTRICAL PANEL	DESIGNER	ING. OLGERT DHESKALI	PAGE	1 NEXT
				TABLE		

Notes:

Objekti / Object:
 "Ndërtim i godinës së parkimit nëntokësor ,Vlorë "
 "Construction of the underground parking building , Vlora"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

 **ARCHISPAC**
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6732/14
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

 **IRI**
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6844/3
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

 **SPHAERA**
 Studio Lokale Arkitekture
 Local Architecture Office
 N.4651/14
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhineri Ndërtimor/ Structural Engineer
 Dëshmitar/ Witness
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhineri Elektrik/ Electrical Engineer
 Objekt/ Object
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhineri Mekanik/ Mechanical Engineer
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

M2D/ Fine Protection
 Ergje/ Check
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhineri Hidroteknik/ Hydrotechnical Engineer
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUSEN TE VERIFIKOHEN
 TË GJITHA DIMENSIONET DUSEN TE VERIFIKOHEN
 ALL DIMENSIONS MUST BE CHECKED

kapitulli numri:
 E 44 ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE

faza: data: shkalla: format:
 PT : 1:300 A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

ELECTRICAL PANELS / PANELET ELEKTRIKE

REF. SWITCHBOARD	[Q5]	1	2	3	4	5	6	7	8	9	
SYMBOLS											
CIRCUIT BREAKER	DISCONNECTOR	SWITCH-DISCONNECTOR	THERMAL PROTECTION	MAGNETIC PROTECTION	RESIDUAL CURRENT PROTECTION	OVERLOAD CUT OUT	FUSE	TOROID	MANUAL CONTROL		
AUTOMATIC CONTROL	TRIP FREE	ROTARY HANDLE	INTERLOCK	REMOVABLE/WITHDRAWAL EQUIPMENT	KEYLOCK OFF POSITION	KEYLOCK ON POSITION	AUXILIARY CONTACT	UNDERVOLTAGE RELEASE	SHUNT RELEASE		
CHANGE OVER SWITCH (FOR MEASUREMENT)	AMMETER	VOLTMETER	FREQUENCY METER	METER	NO CONTACTS CONTACTOR	MANUAL CONTROL CONTACTOR	NC CONTACTS CONTACTOR	IMPULSE RELAY	CLOCK		
TWILIGHT SWITCH	ASTRONOMIC CLOCK	UNINTERRUPTED POWER SYSTEM (UPS)	SOCKET	INTERLOCKED SOCKET WITH FUSES	SOFT STARTER	VARIABLE SPEED DRIVE	STAR DELTA STARTER	TRANSFORMER	SURGE PROTECTIVE DEVICE		
PANELI ELEKTRIK		CUSTOMER ALBANIAN DEVELOPMENT FUND			PROJECT ELECTRICAL PANELS	FILE PARKIMI VLORE 2 [Q05].dwg					
		PLANT ELECTRICAL PANEL			ARCHIVE -	DATE	REVISION R0.0				
					DESIGNER ING. OLGERT DHESKALI	PAGE 1a	NEXT				
					TABLE						

Legenda/Legend:

Notes:

Objekti / Object: "Ndërtim i godinës së parkimit nëntokësor ,Vlorë " "Construction of the underground parking building , Vlorë "

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6732/14
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

IRI
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6844/3
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
 Studio Lokale Arkitekture
 Local Architecture Office
 N.4651/14
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

ING. OLGERT DHESKALI
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

ING. OLGERT DHESKALI
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

ING. OLGERT DHESKALI
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN NGA KONSTRUKTORIN E VEPRIT

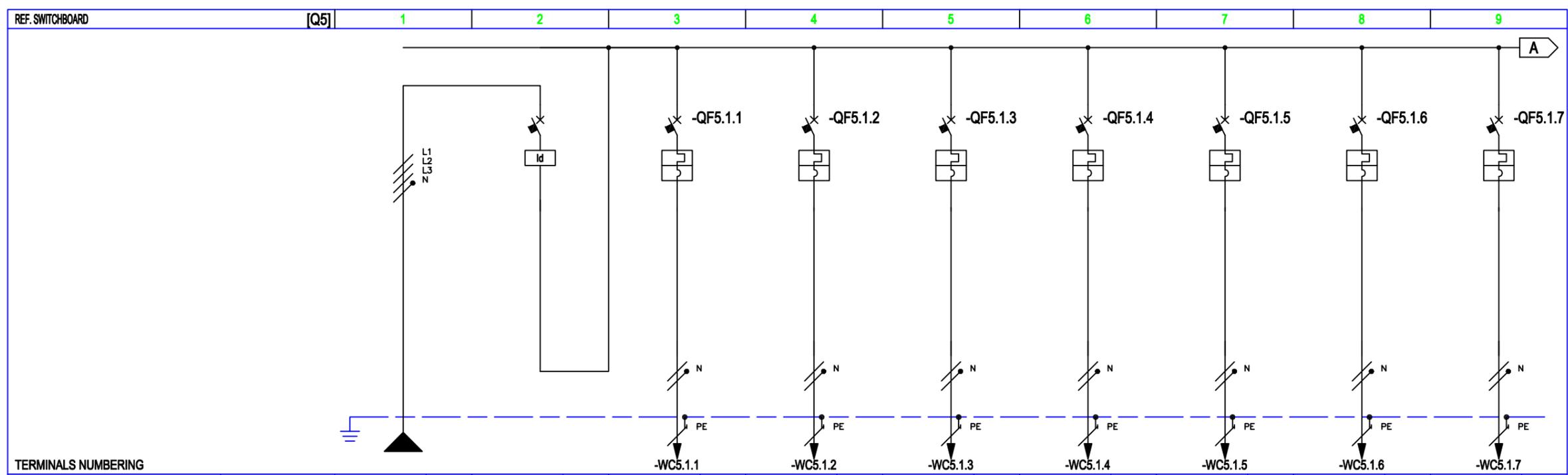
kapitulli numri: E 45 ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE

faza: PT data: shkalla: 1:300 format: A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

ELECTRICAL PANELS / PANELET ELEKTRIKE

Legenda/Legend:



REF. SWITCHBOARD		[Q5]	1	2	3	4	5	6	7	8	9								
TERMINALS NUMBERING																			
CIRCUIT NUMBERING	DISTRIBUTION	L1L2L3NPE	1	L1L2L3N	2	L2NPE	3	L3NPE	4	L1NPE	5	L2NPE	6	L3NPE	7	L1NPE	8	L2NPE	
CIRCUIT DESCRIPTION		KRYESORI	KRYESORI	NDRICIMI L1		NDRICIMI L2		NDRICIMI L3		NDRICIMI L4		NDRICIMI L5		NDRICIMI L6		NDRICIMI L7			
EQUIPMENT			iID (4P)	iC40 N		iC40 N		iC40 N		iC40 N		iC40 N		iC40 N		iC40 N			
CIRCUIT BREAKER	Icu [kA] / Icn [A]			10		10		10		10		10		10		10			
	N. POLES	In [A]		40	1P+N	10	1P+N	16	1P+N	16	1P+N	16	1P+N	16	1P+N	16	1P+N	16	
	COURBE/TRIPPING UNIT				C		C		C		C		C		C		C		
	Ir [A]	tr [s]			6		10		10		10		10		10		10		
	I _{sd} [A]	t _{sd} [s]			60		100		100		100		100		100		100		
RESIDUAL CURRENT DEVICE	Ii [A]																		
	Ig [A]	tg [s]																	
	TYPE	CLASS			iID (4P)	A													
IMPULSE RELAY	I _{dn} [A]	t _{dn} [ms]			0.03	Istantaneo													
	TYPE	CLASSE																	
OTHER	TYPE	MODEL																	
CONDUCTORS	INSULATION	INST.METHOD	EPR	13	EPR	13	EPR	13	EPR	13	EPR	13	EPR	13	EPR	13	EPR	13	
	CROSS SECTION PHASE-N-PE/PEN [mmq]		1x10	1x10	1x10			1x2.5	1x2.5	1x2.5	1x2.5								
	I _b [A]	I _z [A]	26.5	80			4.8	37	7.2	37	7.2	37	7.2	37	7.2	37	7.2	37	
	U _n [V]	P _n [kW]	400	15		15	230	1	230	1.5	230	1.5	230	1.5	230	1.5	230	1.5	
BOTTOM OF THE LINE	I _{cc min} [kA]	I _{cc max} [kA]	6.83	9.5			3.85	6.5	3.85	6.5	3.85	6.5	3.85	6.5	3.85	6.5	3.85	6.5	
	LENGHT [m]	dV TOTAL [%]	1	0			1	0.1	1	0.1	1	0.1	1	0.1	1	0.1	1	0.1	
NOTES		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3		FG16R16-0,6/1 kV Cca-s3,d1,a3			

PANELI ELEKTRIK	CUSTOMERS	ALBANIAN DEVELOPMENT FUND	PROJECT	ELECTRICAL PANELS	FILE	PARKIMI VLORE 2 [Q05].dwg
	PLANT	ELECTRICAL PANEL	ARCHIVE	-	DATE	REVISION R0.0
			DESIGNER	ING. OLGERT DHESKALI	PAGE	3 NEXT
				TABLE		



Notes:

Objekti / Object:
"Ndërtim i godinës së parkimit nëntokësor ,Vlorë"
"Construction of the underground parking building , Vlorë"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPAC
Studio Lokale Arkitekture
LOCAL Architecture Office
N.6732/14
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

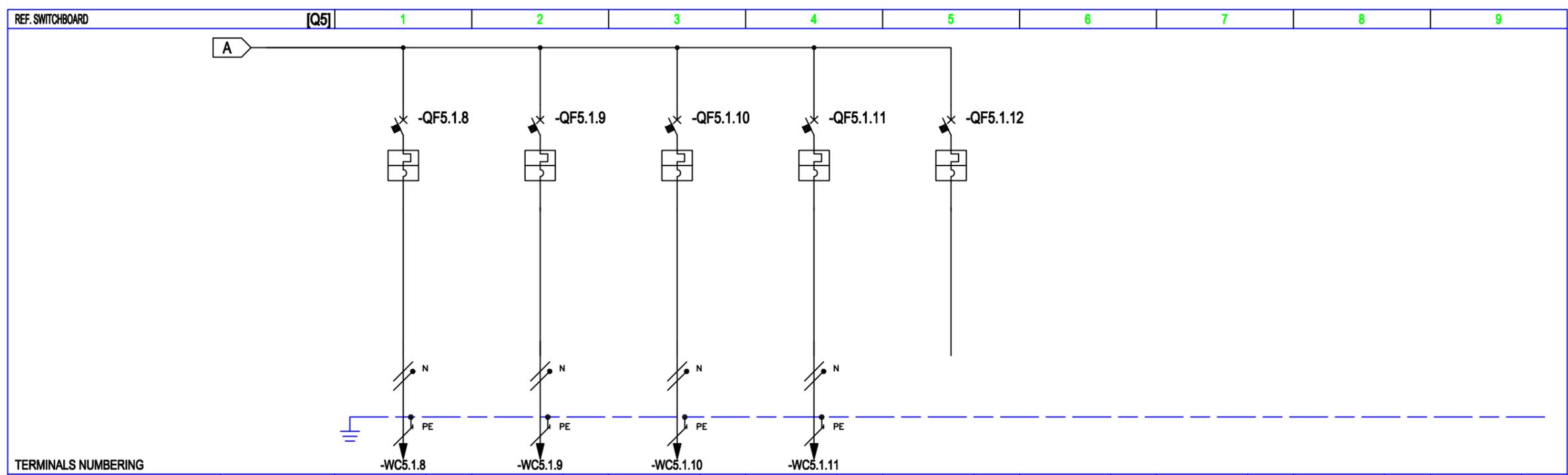
IRI
Studio Lokale Arkitekture
LOCAL Architecture Office
N.6844/3
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
Studio Lokale Arkitekture
LOCAL Architecture Office
N.4651/14
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
TODA KONSTRUKTORI NE SHIPI

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

ELECTRICAL PANELS / PANELET ELEKTRIKE



TERMINALS NUMBERING		9		10		11		12		13									
CIRCUIT NUMBERING		L3NPE		L1NPE		L2NPE		L1NPE		L3NPE									
CIRCUIT DESCRIPTION		NDRICIMI L8		NDRICIMI L9		NDRICIMI L10		NDRICIMI L11		REZERVE									
EQUIPMENT		ic40 N		ic40 N		ic40 N		ic40 N		ic40 N									
CIRCUIT BREAKER	lcu [kA] / lcn [A]	10		10		10		10		10									
	N. POLES	1P+N		1P+N		1P+N		1P+N		1P+N									
	In [A]	16		16		10		10		10									
	COURBE/TRIPPING UNIT	C		C		C		C		C									
	Ir [A]	10		10		6		6		6									
	tsd [s]	100		100		60		60		60									
RESIDUAL CURRENT DEVICE	li [A]																		
	lg [A]																		
	tg [s]																		
CONTACTOR	TYPE																		
	CLASSE																		
IMPULSE RELAY	COIL																		
	N. POLES																		
THERMAL RELAY	TYPE																		
	l _{trh} [A]																		
FUSE	TYPE																		
	CLASSE																		
OTHER	TYPE																		
	MODEL																		
CONDUCTORS	INSULATION	EPR		EPR		EPR		EPR		EPR									
	INST.METHOD	13		13		13		13		13									
	CROSS SECTION PHASE-N-PE/PEN [mm ²]	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5	1x2.5							
	lb [A]	7.2		37		7.2		37		4.8		37		4.8		37			
BOTTOM OF THE LINE	Un [V]	230		1.5		230		1.5		230		1		230		1			
	lcc min [kA]	3.85		6.5		3.85		6.5		3.85		6.5		3.85		6.5			
NOTES	lcc max [kA]	1		0.1		1		0.1		1		0.1		1		0.1			
	dV TOTAL [%]	1		0.1		1		0.1		1		0.1		1		0.1			
FG16R16-0,6/1 kV		Cca-s3,d1,a3		FG16R16-0,6/1 kV		Cca-s3,d1,a3		FG16R16-0,6/1 kV		Cca-s3,d1,a3		FG16R16-0,6/1 kV		Cca-s3,d1,a3					

PANELI ELEKTRIK	CUSTOMERS	ALBANIAN DEVELOPMENT FUND			PROJECT	ELECTRICAL PANELS	FILE	PARKIMI VLORE 2 [Q05].dwg	
	PLANT	ELECTRICAL PANEL			ARCHIVE	-	DATE	REVISION R0.0	
					DESIGNER	ING. OLGERT DHEKALI	PAGE	4	NEXT
						TABLE			



Legenda/Legend:

Notes:

Objekti / Object:
 "Ndërtim i godinës së parkimit nëntokësor ,Vlorë "
 "Construction of the underground parking building , Vlorë "

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6732/14
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

IRI
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6844/3
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
 Studio Lokale Arkitekture
 Local Architecture Office
 N.4651/14
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Ndërtim/ Structural Engineer
 Divisor Papaj
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Elektrik/ Electrical Engineer
 Oqjet Dheskali
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Mekanik/ Mechanical Engineer
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

M2/2 Pika Prodhim/
 Ergje Dheskali
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Hidroteknik/ Hydrotechnical Engineer
 Firms/Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
 NGA KONSTRUKTORIN ENE SHDZ

kapitulli numri:
 E 48 ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE

faza: data: shkalla: format:
 PT 1:300 A0

PROJEKTI ELEKTRIK I KABINES ELEKTRIKE / ELECTRICAL CABIN PROJECT

Objekti/ Object :
“Ndërtim i godinës së parkimit nëntokësor, Vlorë ”
“Construction of the underground parking building, Vlora”

FUQIA E INSTALUAR = 137 KW
FUQIA E KERKUAR = 110 KW

KLIENTI: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

Legenda/Legend:

Notes:

Objekti / Object:
 "Ndërtim i godinës së parkimit nëntokësor ,Vlorë "
 "Construction of the underground parking building , Vlora"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6732/14
 Fjalor Përkrahës
 Inzhiner Ndërtimor/ Structural Engineer
 Lorena Ruge
 Inzhiner Elektrik/ Electrical Engineer
 Esatim Shalini
 SHQZ Për Projektim
 Faza Përfunduar

Firma/ Signature:
 Kontrolluar dhe aprovuar/ Read and approve

IRI
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6844/3
 Fjalor Përkrahës
 Inzhiner Ndërtimor/ Structural Engineer
 Inzhiner Elektrik/ Electrical Engineer
 Inzhiner Mekanik/ Mechanical Engineer
 SHQZ Për Projektim
 Faza Përfunduar

Firma/ Signature:
 Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
 Studio Lokale Arkitekture
 Local Architecture Office
 N.4651/14
 Fjalor Përkrahës
 Inzhiner Ndërtimor/ Structural Engineer
 Inzhiner Elektrik/ Electrical Engineer
 Inzhiner Mekanik/ Mechanical Engineer
 SHQZ Për Projektim
 Faza Përfunduar

Firma/ Signature:
 Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Ndërtimor/ Structural Engineer
 Inzhiner Elektrik/ Electrical Engineer
 Inzhiner Mekanik/ Mechanical Engineer
 SHQZ Për Projektim
 Faza Përfunduar

Firma/ Signature:
 Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Elektrik/ Electrical Engineer
 Inzhiner Mekanik/ Mechanical Engineer
 SHQZ Për Projektim
 Faza Përfunduar

Firma/ Signature:
 Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Mekanik/ Mechanical Engineer
 SHQZ Për Projektim
 Faza Përfunduar

Firma/ Signature:
 Kontrolluar dhe aprovuar/ Read and approve

SHQZ Për Projektim
 Faza Përfunduar

Firma/ Signature:
 Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Hidroteknik/ Hydrotechnical Engineer
 SHQZ Për Projektim
 Faza Përfunduar

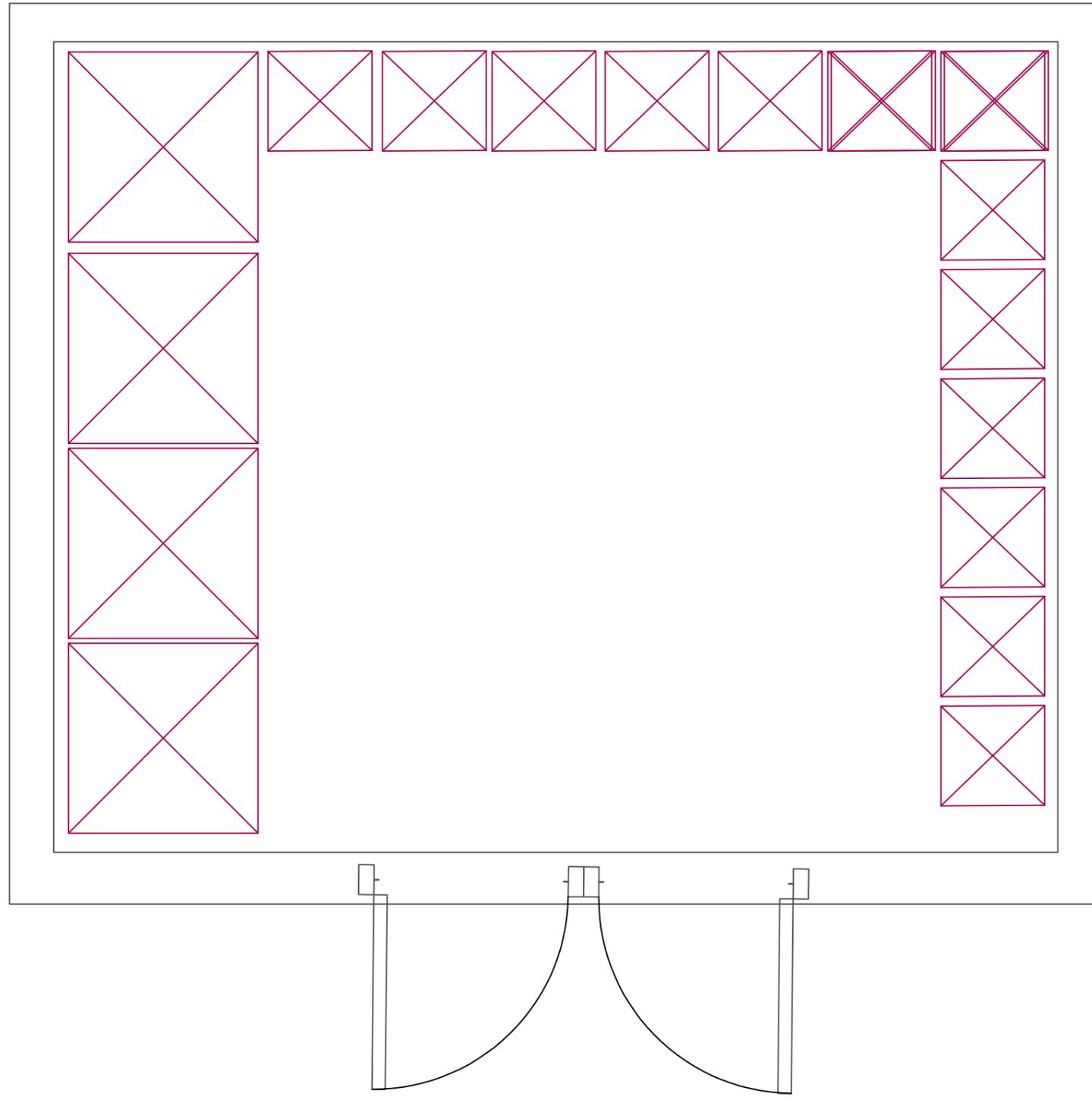
Firma/ Signature:
 Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
 NGA KONTRAKTORIN E VEPRËS
 ARCHISPACE BFM
 Në qoftë se klienti ka marrë në konsideratë të vepra të tjera të kësaj natyre, këto duhet të verifikohen dhe të përdoren si referencë në projekt. Nëse klienti ka marrë në konsideratë të vepra të tjera të kësaj natyre, këto duhet të verifikohen dhe të përdoren si referencë në projekt. Nëse klienti ka marrë në konsideratë të vepra të tjera të kësaj natyre, këto duhet të verifikohen dhe të përdoren si referencë në projekt.

kapitulli	numri:		
E	49	ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE	
faza:	data:	shkalla:	format:
PT		1:300	A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

CABIN LAYOUT. CABLE CHANNELS/ PLANIMETRIA E KABINES. KANALET E KABLLOVE



Legenda/Legend:

Notes:

Objekti / Object:
 "Ndërtim i godinës së parkimit nëntokësor ,Vlorë "
 "Construction of the underground parking building , Vlorë"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPAC
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6732/14
 Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

Prof. Piro
 Inzhiner Ndërtimor/ Structural Engineer
 Lorena Ruge
 Inzhiner Elektrik/ Electrical Engineer
 Esatim Shalini
 SHQZ Fire Protection
 Pava Piro
 Faza Piro

IRI
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6844/3
 Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

Geot Agaj

SPHAERA
 Studio Lokale Arkitekture
 Local Architecture Office
 N.4651/14
 Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Hidroteknik/ Hydrotechnical Engineer
 Ajlart Topa

Inzhiner Ndërtimor/ Structural Engineer
 Dorian Papi
 Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Elektrik/ Electrical Engineer
 Ojjet Dheati
 Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Mekanik/ Mechanical Engineer
 Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

SHQZ Fire Protection
 Erges Dheati
 Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

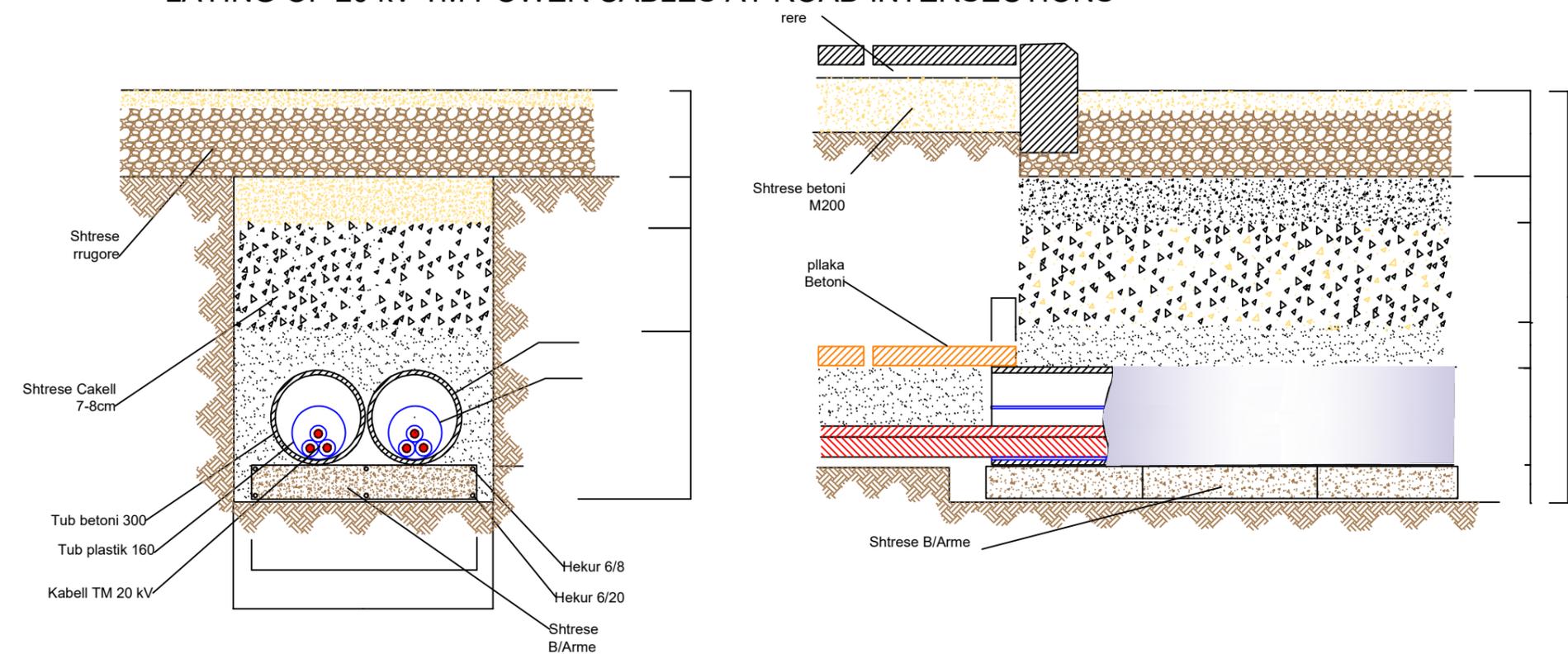
Inzhiner Hidroteknik/ Hydrotechnical Engineer
 Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
 NGA KONSTRUKTORIN E VEPRIT

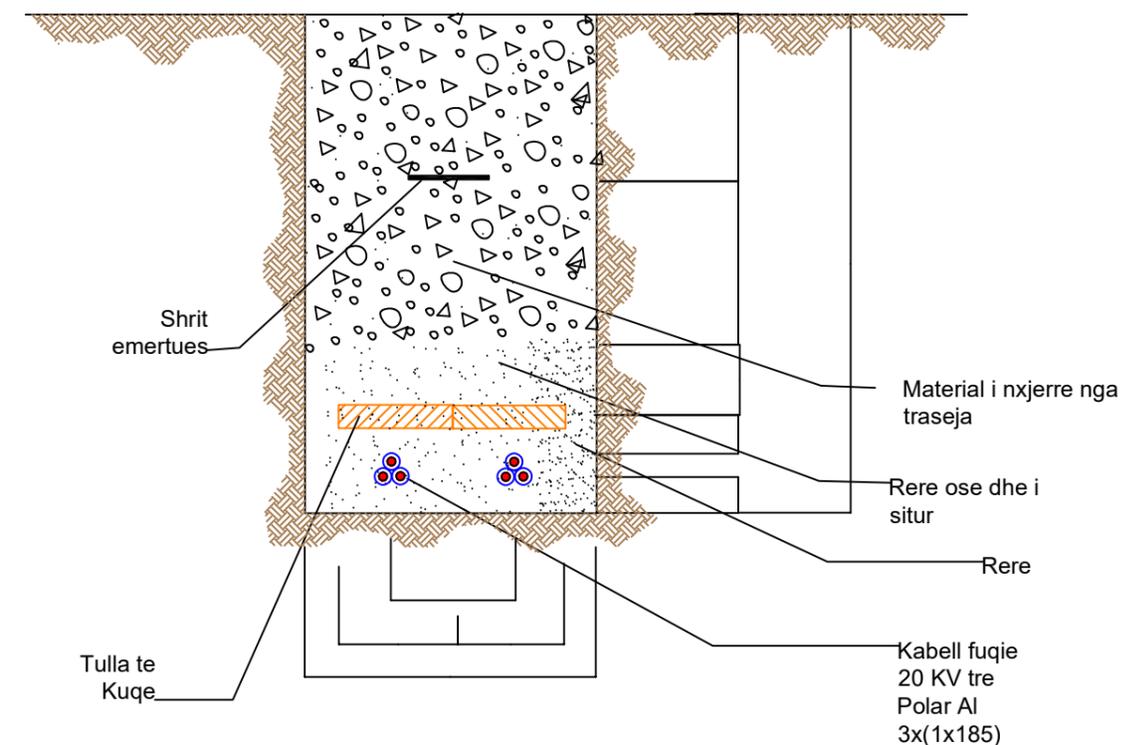
kapitulli numri:
 E 51 ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE

faza: data: shkalla: format:
 PT : 1:300 A0

SHTRIRJA E KABLLOVE TE FUQISE TM 20 kV NE NDERPRERJEN E RRUGEVE
LAYING OF 20 kV TM POWER CABLES AT ROAD INTERSECTIONS



PRERJA TERTHORE E KANALIT PER SHTRIRJE
TE NJE LINJE KABLLORE 20 kV
CROSS-SECTION OF THE CHANNEL FOR EXTENSION OF A 20 kV CABLE LINE



Legenda/Legend:

Notes:

Objekti / Object:
"Ndërtim i godinës së parkimit nëntokësor ,Vlorë"
"Construction of the underground parking building , Vlorë"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE Studio Lokale Arkitekture Local Architecture Office N.6732/14	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
IRI Studio Lokale Arkitekture Local Architecture Office N.6844/3	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
SPHAERA Studio Lokale Arkitekture Local Architecture Office N.4651/14	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inzhineri Ndërtimor/ Structural Engineer Dhimitër Papa	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inzhineri Elektrik/ Electrical Engineer Ogjet Dheall	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inzhineri Mekanik/ Mechanical Engineer	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
M202 Faza Projektion Erjon Dheall	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inzhineri Hidroteknik/ Hydrotechnical Engineer	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve

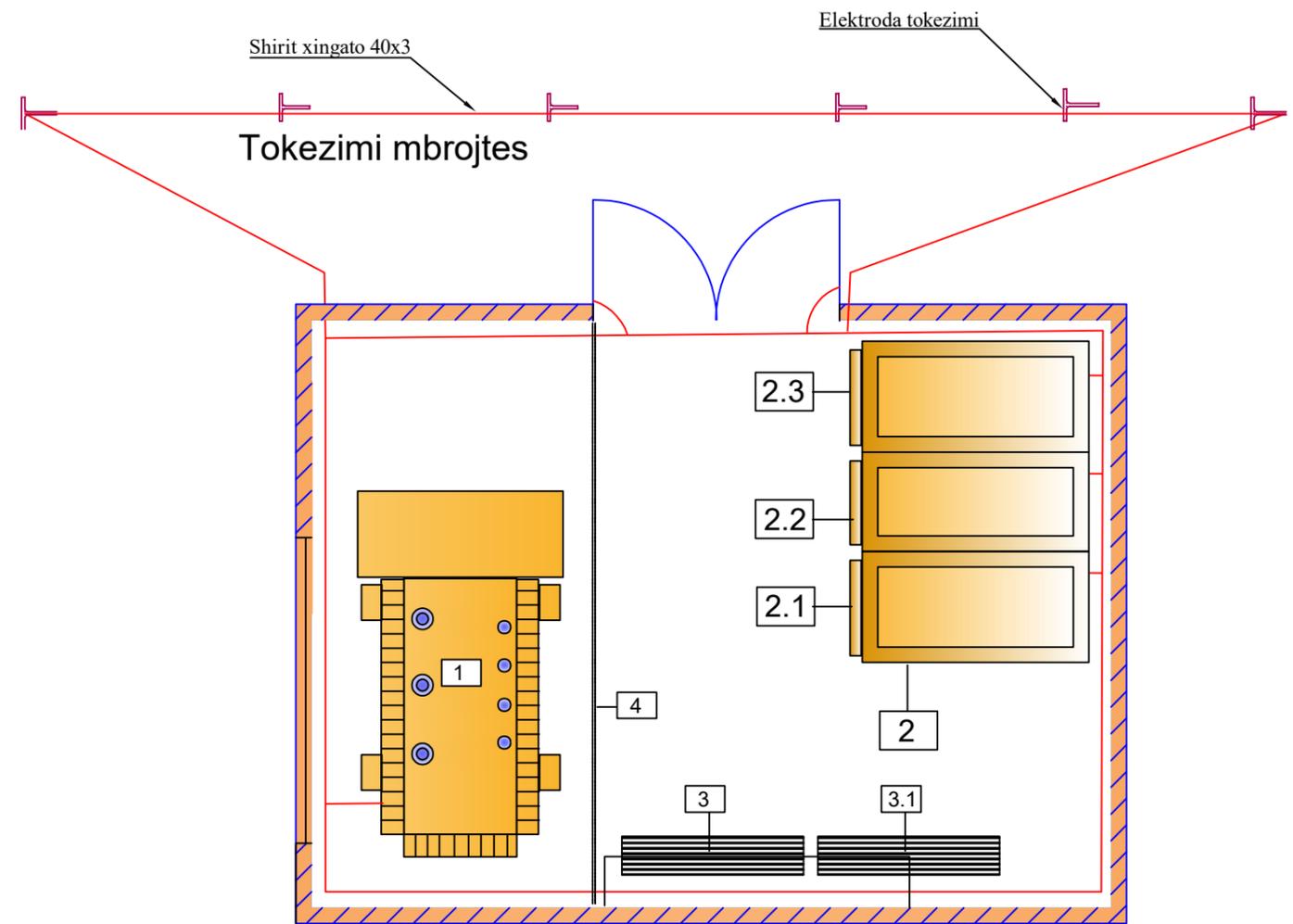
TE GJITHA DIMENSIONET DUKEN TE VERRSHOHEN
NËGA KONSTRUKTORI NË SHIRT
ARCHISPACE BASHK

kapitulli E	numri: 52	ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE	
faza: PT	data:	shkalla: 1:300	formati: A0

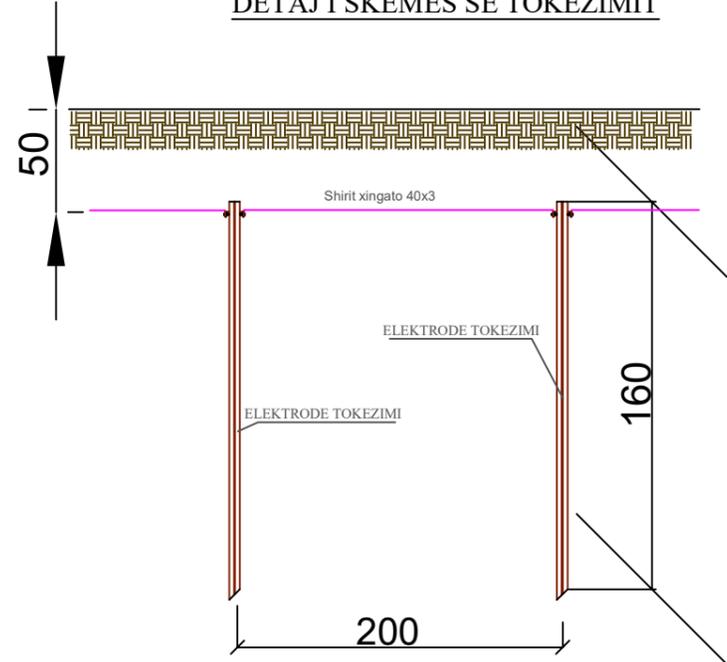
DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

CABIN GROUNDING INSTALLATION/ INSTALIMI I TOKEZMIT TE KABINES

Boksi	EMERTIMI
1	Transformator 20/0.4 kV 250 KVA
2	Panelet e TM 1H,1D,1T
2.1	Paneli i Transformatorit
2.2	Paneli i Fiderit te Hyrjes
2.3	Paneli i Fiderit te daljes
3	Paneli i TU+paneli i matjes
4	Rrethimi i transformatorit



DETAJ I SKEMES SE TOKEZIMIT



Ne kabine do te behet tokezimi mbrojtës me 6 elektroda 1.6 ml. Vlera e tokezimit duhet te jete $<2\Omega$. Nqse nuk realizohet vlera e tokezimit duhet te shtohet numri i elektrodave. Tokezimi i punes do te realizohet ne panelin kryesor te objektit ku do te lidhet edhe neutri me token. Edhe ky tokezim duhet te jete $<2\Omega$.

Protective grounding will be done in the cabin with 6 electrodes 1.6 ml. The grounding value must be $<2\Omega$. If the grounding value is not achieved, the number of electrodes must be increased. The working grounding will be done in the main panel of the facility where the neutral will also be connected to the ground. This grounding must also be $<2\Omega$.

Legenda/Legend:

Notes:

Objekti / Object:
"Ndërtim i godinës së parkimit nëntokësor ,Vlorë"
"Construction of the underground parking building , Vlorë"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE
Studio Lokale Arkitekture
Local Architecture Office
N.6732/14
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

IRI
Studio Lokale Arkitekture
Local Architecture Office
N.6844/3
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
Studio Lokale Arkitekture
Local Architecture Office
N.4651/14
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Ndërtim/ Structural Engineer
Dimitris Papa
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Elektrik/ Electrical Engineer
Ogjet Dheqani
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Mekanik/ Mechanical Engineer
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

SHQZ/ Site Protection
Egjez Dheqani
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

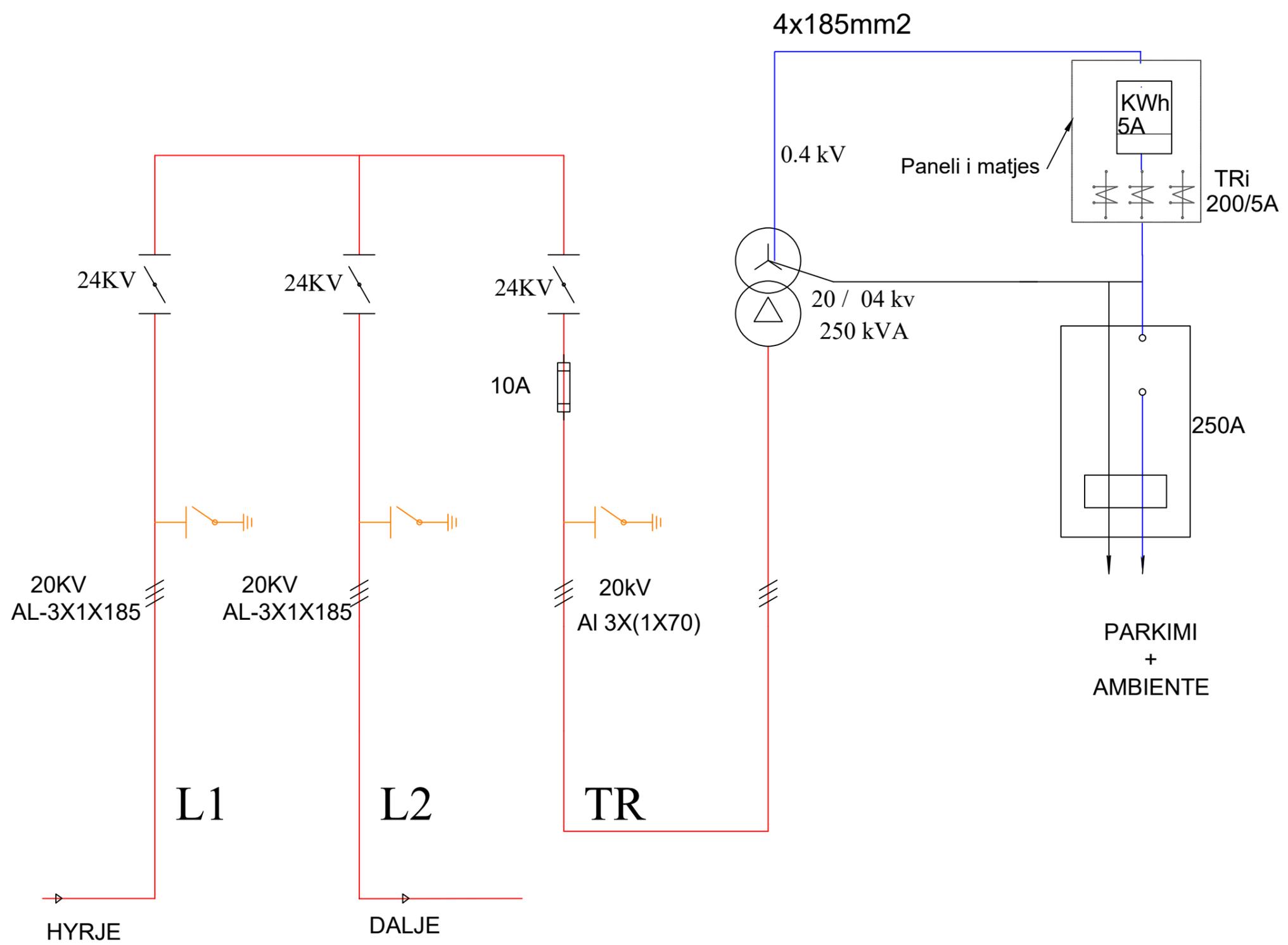
Inzhiner Hidroteknik/ Hydrotechnical Engineer
Firma/Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
TODA KONSTRUKTORI NË VËND
ARCHISPACE BHP
The dimensions must be checked on site!
All dimensions must be checked on site!
All dimensions must be checked on site!

kapitulli	numri:		
E	55	ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE	
faza:	data:	shkalla:	formati:
PT		1:300	A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING , VLORA"

MAIN ELECTRICAL DIAGRAM/ SKEMA ELEKTRIKE PRINCIPALE



Legenda/Legend:

Notes:

Objekti / Object:
 "Ndërtim i godinës së parkimit nëntokësor ,Vlorë"
 "Construction of the underground parking building , Vlorë"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6732/14
 Firma/Signature:
 Kontrolluar dhe aprovuar/ Read and approve

IRI
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6844/3
 Firma/Signature:
 Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
 Studio Lokale Arkitekture
 Local Architecture Office
 N.4651/14
 Firma/Signature:
 Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Ndërtim/ Structural Engineer
 Dëshmitar Papa
 Firma/Signature:
 Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Elektrik/ Electrical Engineer
 Ojari Dheakti
 Firma/Signature:
 Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Mekanik/ Mechanical Engineer
 Firma/Signature:
 Kontrolluar dhe aprovuar/ Read and approve

SHQZ/ Fire Protection
 Ergje Dheakti
 Firma/Signature:
 Kontrolluar dhe aprovuar/ Read and approve

Inzhiner Hidroteknik/ Hydrotechnical Engineer
 Firma/Signature:
 Kontrolluar dhe aprovuar/ Read and approve

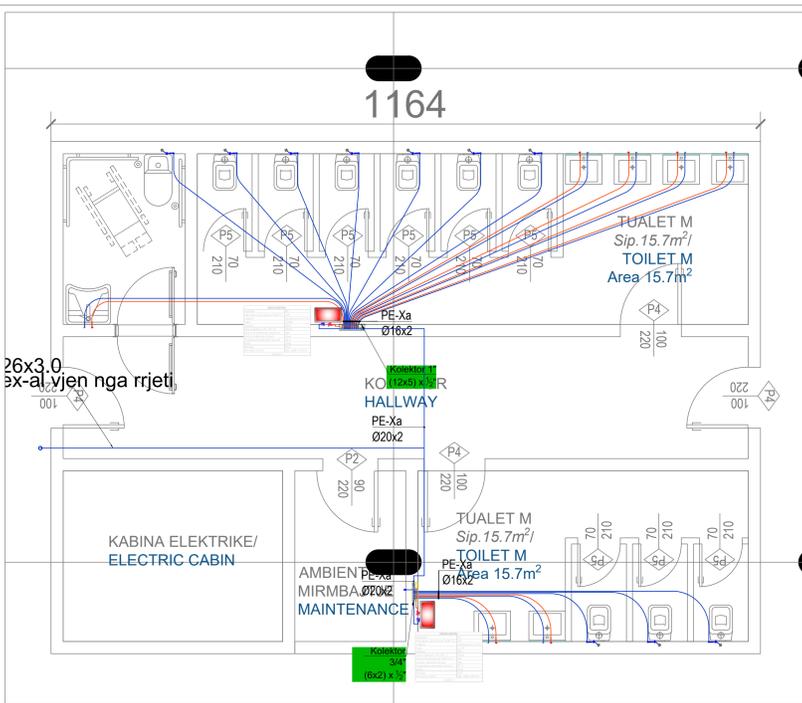
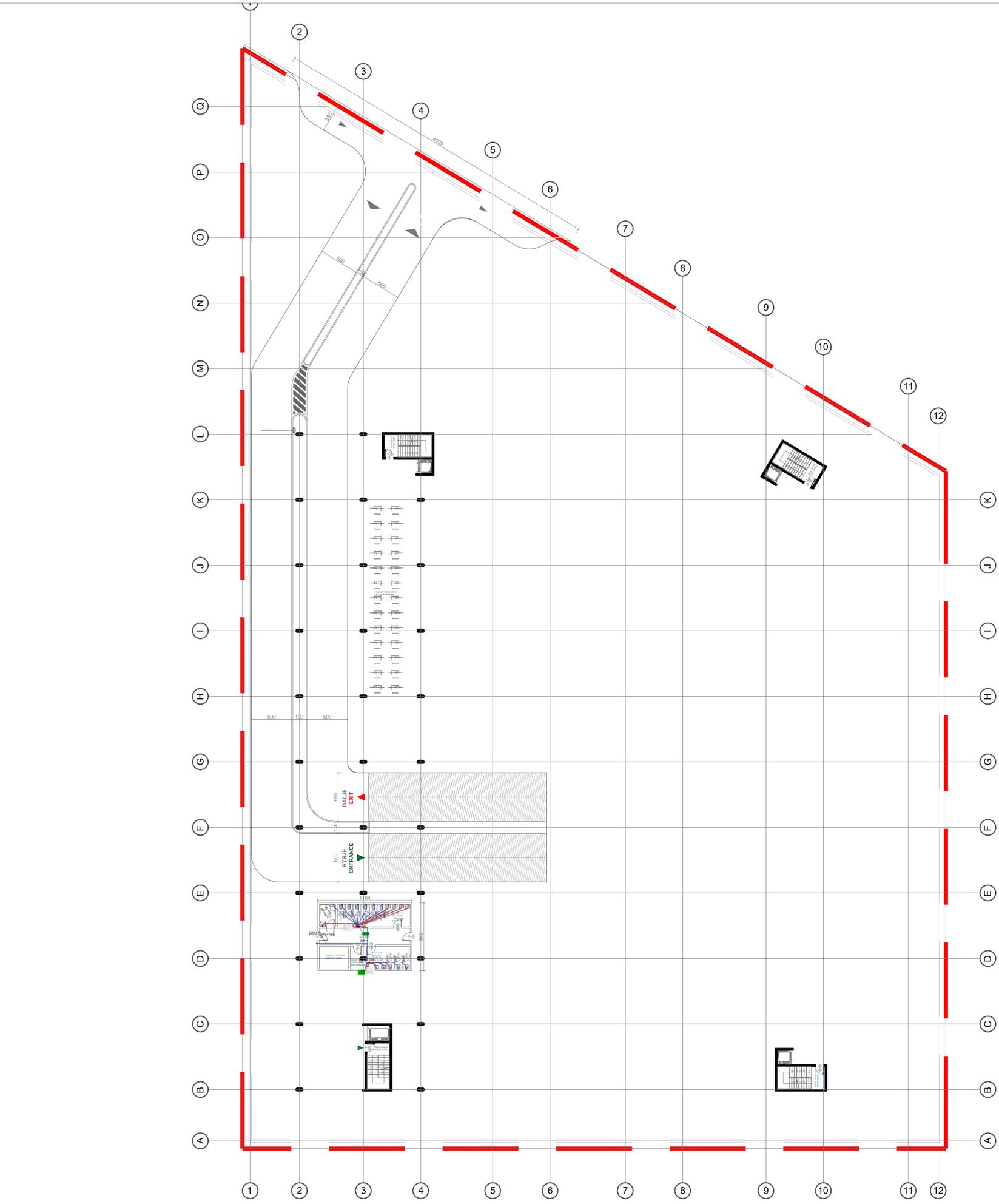
TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
 NGA KONSTRUKTORIN E VEPRIT
 ARCHISPACE BHP
 The information is correct to the best of our knowledge. However, the user is responsible for the accuracy of the data and for the proper use of the information. We do not accept any liability for the use of the information without our explicit approval. The user is responsible for the accuracy of the data and for the proper use of the information. We do not accept any liability for the use of the information without our explicit approval.

kapitulli	numri:	
E	58	ELECTRICAL INSTALATION/ INSTALIMET ELEKTRIKE

faza:	data:	shkalla:	formati:
PT		1:300	A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING AND THE RECREATIONAL PARK, VLORA"

WATER SUPPLY SYSTEM / SISTEMI I FURNIZMIT ME UJE SANITAR



Legenda/Legend:

- Mishelator / Wash basin mixer
- Toilet angle valve
- Linja e ujit te ftohte Pex-al-Pex / Cold water pipe Pex-al-Pex
- Linja e ujit te ngrohte Pex-al-Pex / Hot water pipe Pex-al-Pex
- Kolektor shperndares / Water distribution manifold
- Reduktor presioni / Pressure reducing valve (PRV)
- Boiler elektrik / Electric water heater

Notes:

Objekti / Object:
 "Ndërtim i godinës së parkimit nëntokësor ,Vlorë"
 "Construction of the underground parking building , Vlorë"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

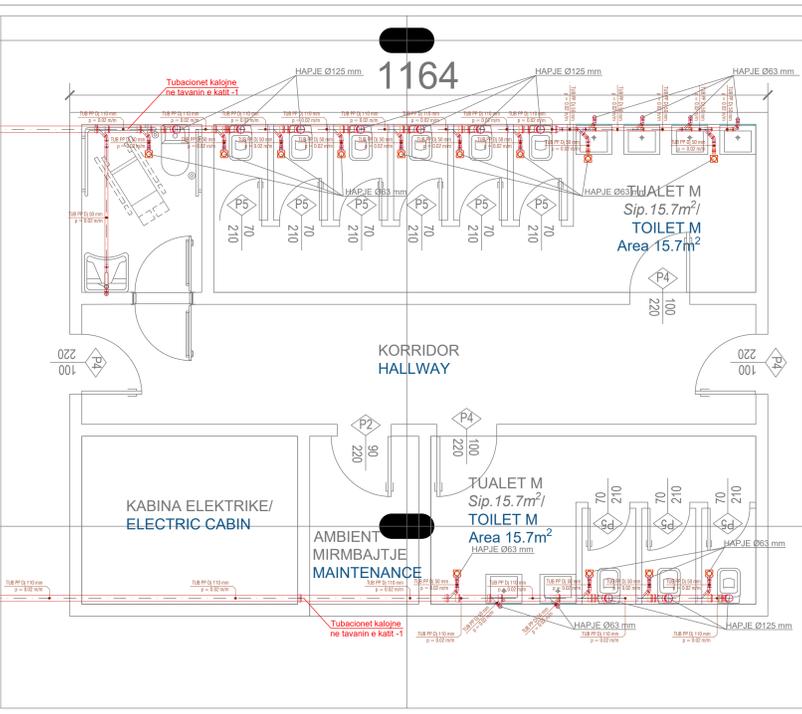
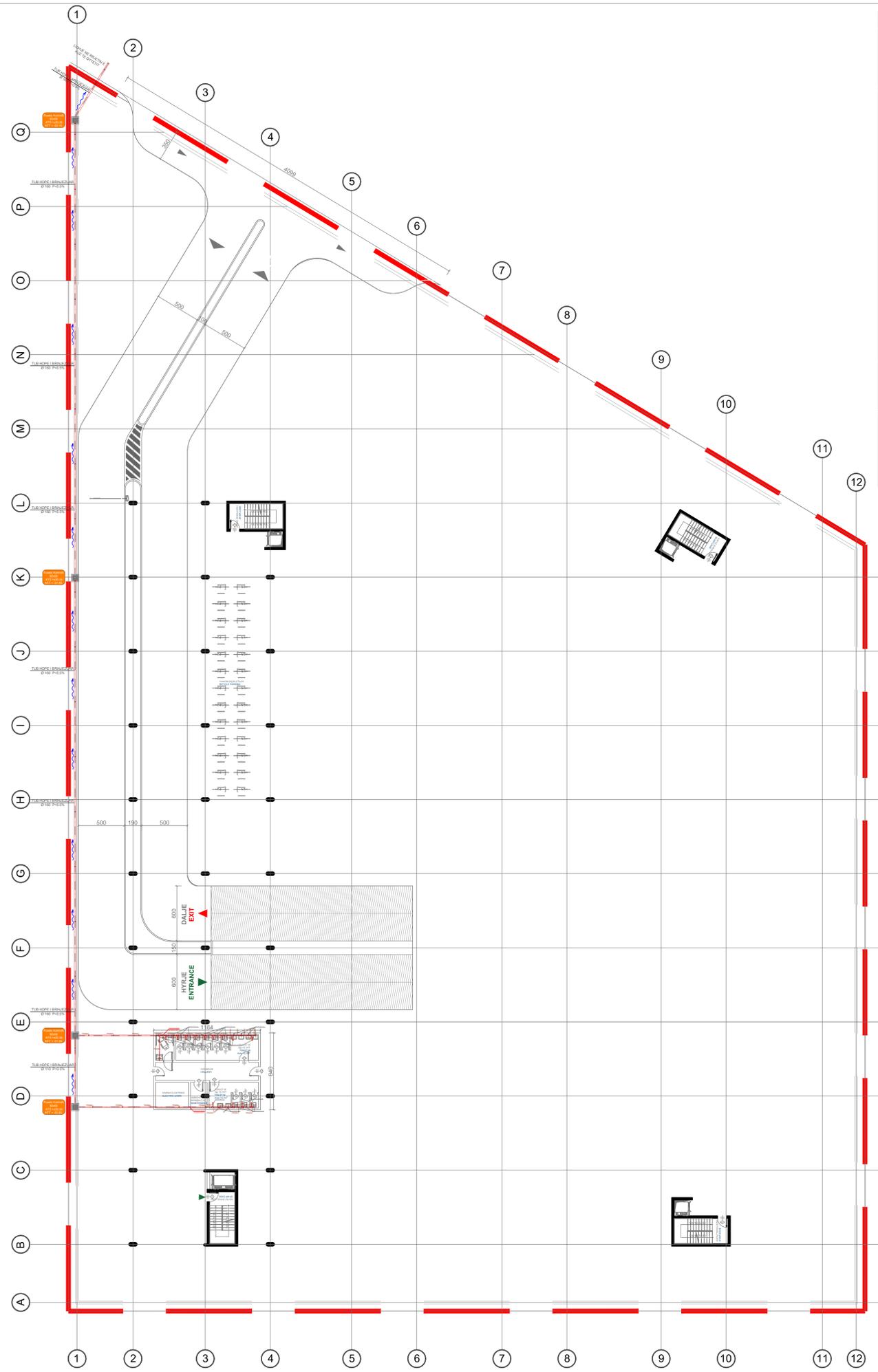
ARCHISPACE Studio Lokale Arkitekture Local Architecture Office N.6732/14 Arhitekt/Architect: Arjan Petrezi Inzhineri Mekanik/Structural Engineer: Lucretia Boga Inzhineri Elektrik/Electrical Engineer: Shqiponj Strazimiri M2D/3D/4D Production: Blendi Petrezi	Firma/Signature: Kontrolluar dhe aprovuar/Read and approve
iRI Studio Lokale Arkitekture Local Architecture Office N.6844/3 Arhitekt/Architect: Gerti Agushi	Firma/Signature: Kontrolluar dhe aprovuar/Read and approve
SPHAERA Studio Lokale Arkitekture Local Architecture Office N.4651/14 Inzhineri Hidroteknik/Hydrrotechnical Engineer: Arjan Topciu	Firma/Signature: Kontrolluar dhe aprovuar/Read and approve
Inzhineri Mekanik/Structural Engineer: Dorian Pajti	Firma/Signature: Kontrolluar dhe aprovuar/Read and approve
Inzhineri Elektrik/Electrical Engineer: Ojzeta Dreshaj	Firma/Signature: Kontrolluar dhe aprovuar/Read and approve
Inzhineri Mekanik/Mechanical Engineer:	Firma/Signature: Kontrolluar dhe aprovuar/Read and approve
M2D/3D/4D Production: Ergje Dreshaj	Firma/Signature: Kontrolluar dhe aprovuar/Read and approve
Inzhineri Hidroteknik/Hydrrotechnical Engineer:	Firma/Signature: Kontrolluar dhe aprovuar/Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN NGA KONSTRUKTORIN E END

kapitulli	numri:	WATER SUPPLY SYSTEM - GROUND FLOOR PLAN/ SISTEMI I FURNIZMIT ME UJE SANITAR - PLANI I KATIT PERDHE	
H	01		
faza:	data:	shkalla:	formati:
PI		N/A	A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING AND THE RECREATIONAL PARK, VLORË"

DOMESTIC WASTEWATER DISCHARGE / SISTEMI SHKARKIMEVE TE UJRAVE TE BRENDSHEM



- Legenda/Legend:
- KAPAK PASTRIMI / CLEANOUT PLUG
 - $i = \dots\%$ PJERRËSI / SLOPE
 - TUBE PP HT / DN 110 x 2.7 mm PER SHKARKIMET / PIPE PP HT / DN 110 x 2.7 mm FOR SEWAGE
 - KOLONAT E SHKARKIMIT DHE BALANCIMIT / DISCHARGE AND BALANCE COLUMNS
 - KOLONAT E VENTILIMIT / VENT COLUMNS
 - TUB SHKARKIMI PP D50 / DRAIN PP D50
 - DEGE / BRANCH
 - BRYLE / ELBOW
 - PUSETE / MANHOLE

Notes:

Objekti / Object:
 "Ndërtim i godinës së parkimit nëntokësor ,Vlorë"
 "Construction of the underground parking building , Vlorë"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6732/14
 Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve

iRI
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6844/3
 Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve

SPHAERA
 Studio Lokale Arkitekture
 Local Architecture Office
 N.4651/14
 Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve

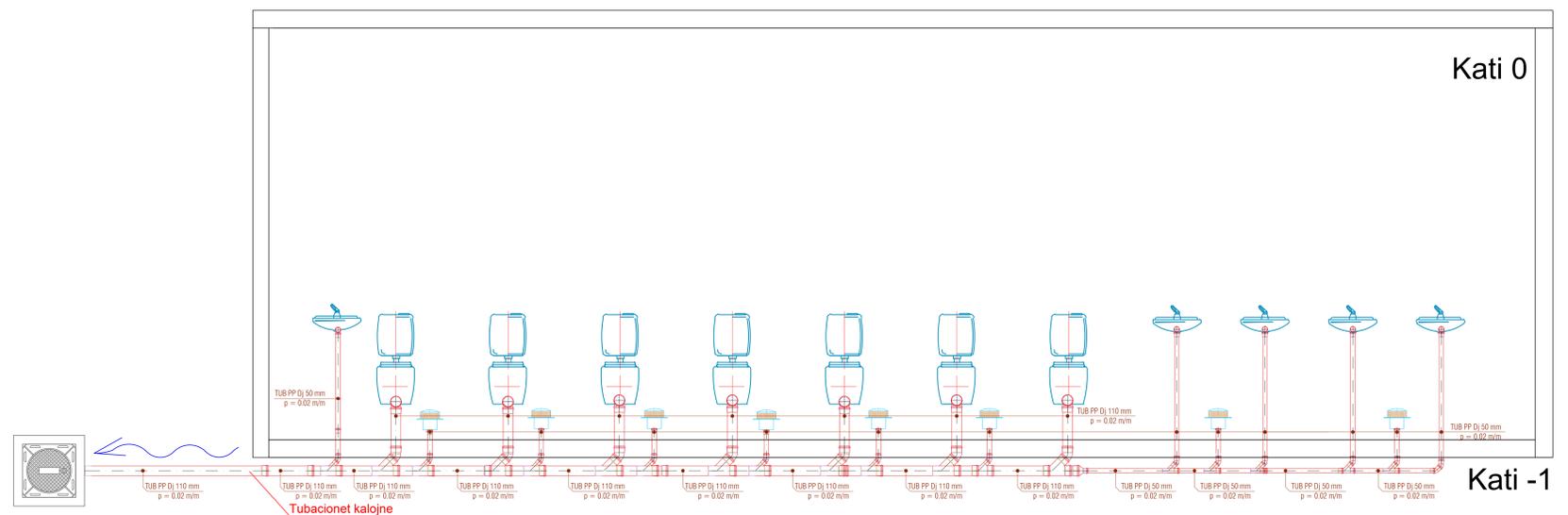
TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
 NGA KONTRAKTORIN E END

kopitulli	numri:	DOMESTIC WASTEWATER DISCHARGE - GROUND FLOOR PLAN/ SISTEMI SHKARKIMEVE TE UJRAVE TE BRENDSHEM - PLANI I KATIT PERDHE	
H	03		
faza:	data:	shkalla:	formati:
PI		N/A	A0

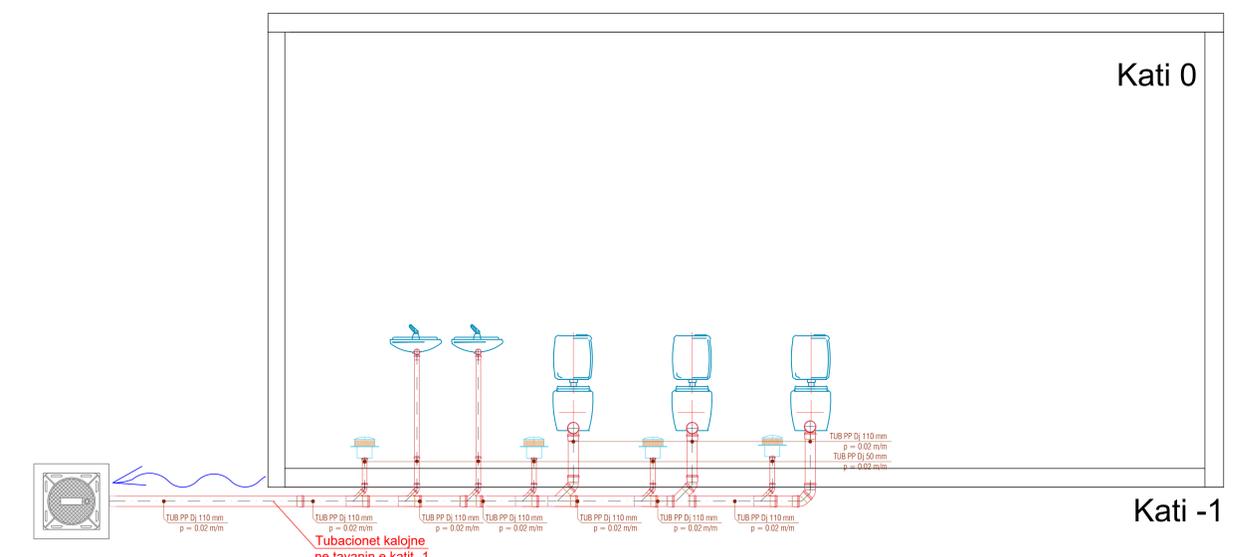
DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING AND THE RECREATIONAL PARK, VLORA"

DOMESTIC WASTEWATER DISCHARGE / SISTEMI SHKARKIMEVE TE UJRAVE TE BRENDSHEM

Pusete Kontrolli
60x60



Pusete Kontrolli
60x60



Legenda/Legend:

CO	KAPAK PASTRIMI / CLEANOUT PLUG
i=...%	PJERRËSI / SLOPE
	TUBE PP HT/DN 110 x 2.7 mm PER SHKARKIMET / PIPE PP HT/DN 110 x 2.7 mm FOR SEWAGE
	KOLONAT E SHKARKIMIT DHE BALANCIMIT /DISCHARGE AND BALANCE COLUMNS
	KOLONAT E VENTILIMIT / VENT COLUMNS
	TUB SHKARKIMI PP D50 / DRAIN PP D50
	DEGE / BRANCH
	BRYLE / ELBOW
	PUSETE / MANHOLE

Notes:

Objekti / Object:
"Ndërtim i godinës së parkimit nëntokësor ,Vlorë"
"Construction of the underground parking building , Vlorë"

Klienti: Fondi Shtepitar i Zhvillimit / Albanian Development Fund

ARCHISPACE Studio Lokale Arkitekture Local Architecture Office N.6732/14 Arhitekt/Architect: Arian Petrezi Inzhiner Ndërtim Structural Engineer: Ljupcë Bega Inzhiner Elektrik Electrical Engineer: Saudim Shatriq M2Q Film Production Riza Petrezi	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
iRI Studio Lokale Arkitekture Local Architecture Office N.6844/3 Arhitekt/Architect: Gent Agushi	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
SPHAERA Studio Lokale Arkitekture Local Architecture Office N.4651/14 Inzhiner Hidroteknik/ Hydrrotechnical Engineer: Arian Topciu	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inzhiner Ndërtim Structural Engineer: Dhimitër Fipa	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inzhiner Elektrik Electrical Engineer: Ogjet Dheshti	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inzhiner Mekanik Mechanical Engineer	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
M2Q Film Production Riza Petrezi	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
Inzhiner Hidroteknik/ Hydrrotechnical Engineer	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN
NËKA KONTRAKTORI NË ENDO
ARCHISPACE BHP
The responsibility to check the project for any errors or omissions is the responsibility of the contractor. The contractor is responsible for the accuracy of the data provided and for the compliance of the project with the applicable laws and regulations. The contractor is responsible for the accuracy of the data provided and for the compliance of the project with the applicable laws and regulations. The contractor is responsible for the accuracy of the data provided and for the compliance of the project with the applicable laws and regulations.

kapitulli	numri:	DOMESTIC WASTEWATER DISCHARGE - PRINCIPAL SCHEME / SISTEMI SHKARKIMEVE TE UJRAVE TE BRENDSHEM - SKEMA PRINCIPALE	
H	04		
faza:	data:	shkalla:	formati:
PI		N/A	A0

DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING AND THE RECREATIONAL PARK, VLORA"

PARKING DRAINAGE / SISTEMI DRENAZHIMIT TE PARIMIT

Legenda/Legend:

-  **CO** KAPAK PASTRIMI / CLEANOUT PLUG
- $i = \dots \%$  PJERRËSI / SLOPE
-  TUBE PP HT / DN 110 x 2.7 mm PER SHKARKIMET / PIPE PP HT / DN 110 x 2.7 mm FOR SEWAGE
-  KOLONAT E SHKARKIMIT DHE BALANCIMIT / DISCHARGE AND BALANCE COLUMNS
-  KOLONAT E VENTILIMIT / VENT COLUMNS
-  TUB SHKARKIMI PP D50 / DRAIN PP D50
-  DEGE / BRANCH
-  BRYLE / ELBOW
-  PUSETE / MANHOLE

Notes:

Objekti / Object:
 "Ndërtimi i godinës së parkimit nëntokësor, Vlorë"
 "Construction of the underground parking building, Vlorë"

Klienti: Fondi Shtetëror i Zhvillimit / Albanian Development Fund

ARCHISPACE
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6732/14
 Firms/Signature: Kontrolluar dhe aprovuar / Read and approve

iRI
 Studio Lokale Arkitekture
 Local Architecture Office
 N.6844/3
 Firms/Signature: Kontrolluar dhe aprovuar / Read and approve

SPHAERA
 Studio Lokale Arkitekture
 Local Architecture Office
 N.4651/14
 Firms/Signature: Kontrolluar dhe aprovuar / Read and approve

Inzhiner Mekanik/Structural Engineer
 Dritaner Paga
 Firms/Signature: Kontrolluar dhe aprovuar / Read and approve

Inzhiner Elektrik/Electrical Engineer
 Ojjet Dheshti
 Firms/Signature: Kontrolluar dhe aprovuar / Read and approve

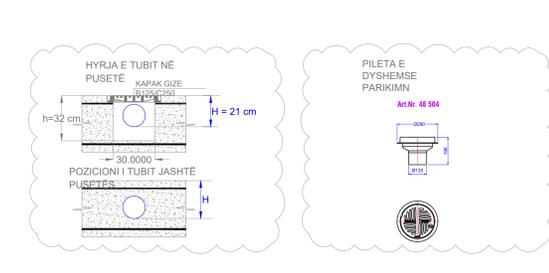
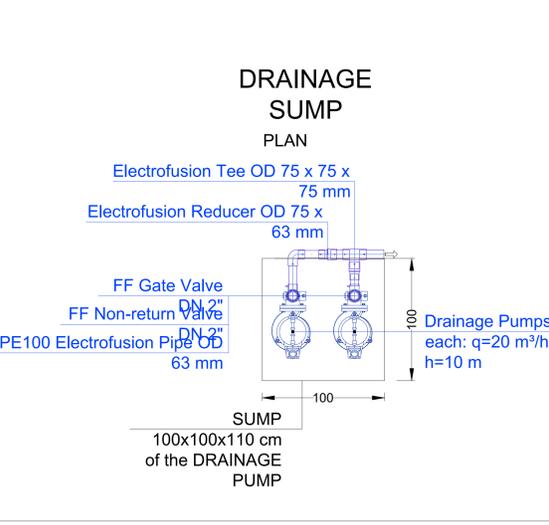
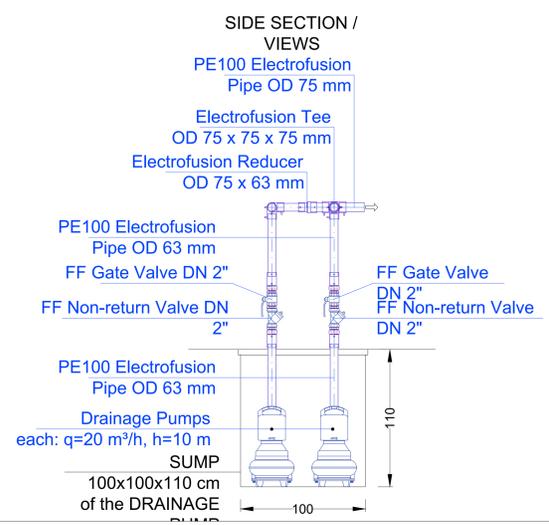
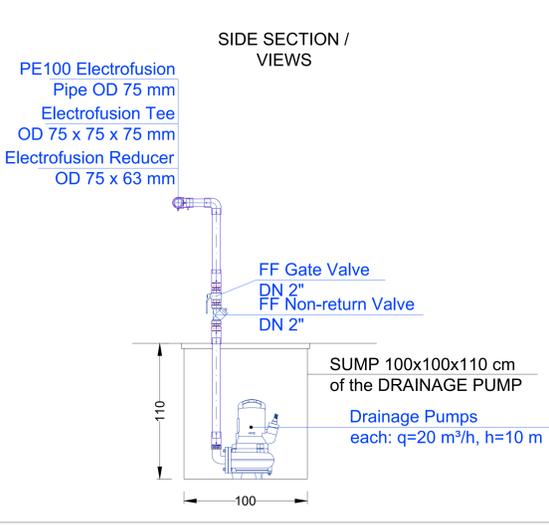
Inzhiner Mekanik/Mechanical Engineer
 Firms/Signature: Kontrolluar dhe aprovuar / Read and approve

MQZ/Flis Production
 Flisj Design
 Firms/Signature: Kontrolluar dhe aprovuar / Read and approve

Inzhiner Hidroteknik/Hydrrotechnical Engineer
 Firms/Signature: Kontrolluar dhe aprovuar / Read and approve

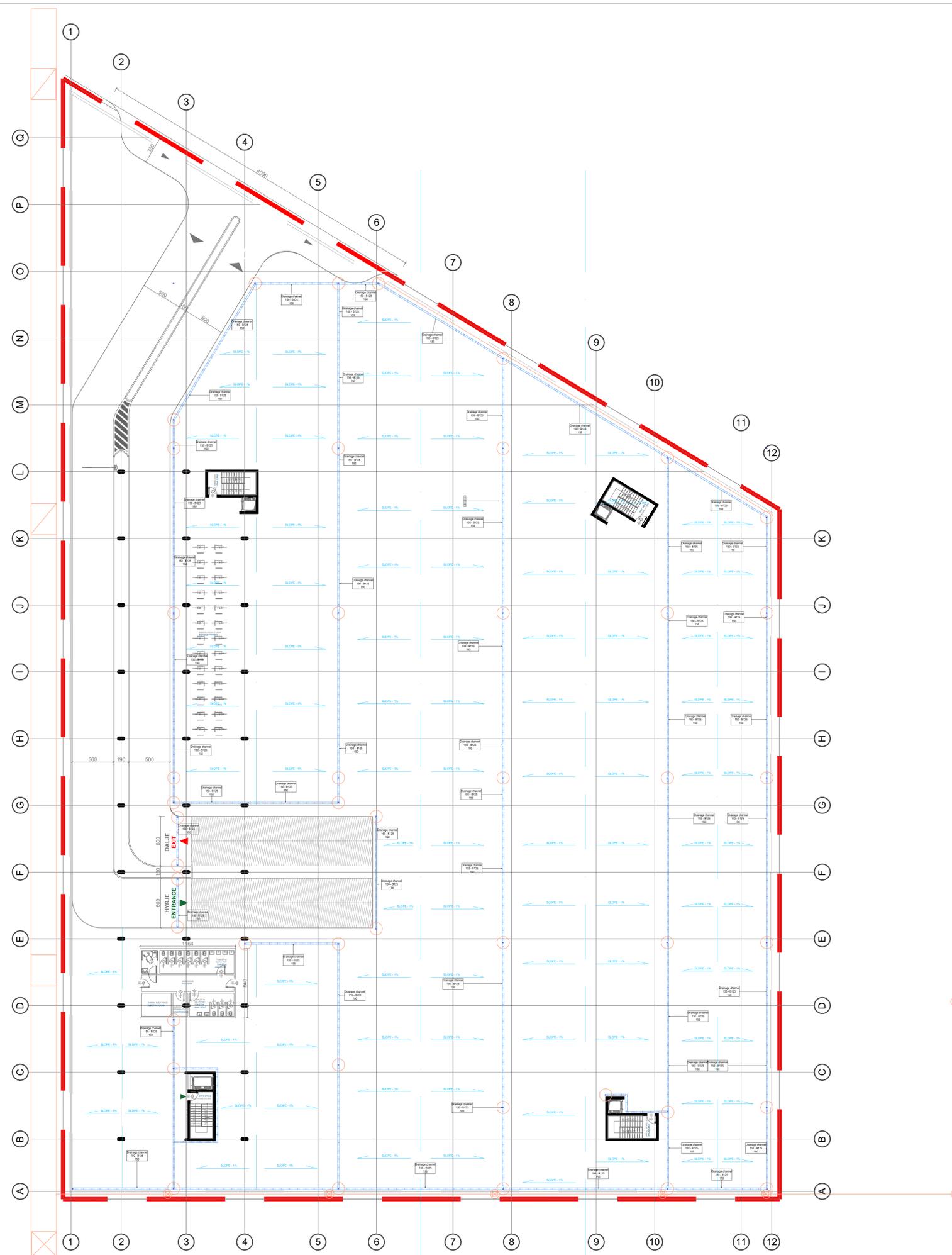
TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN NËKË KONTROLLIMIN E DËGJES

kapitulli	numri:	PARKING DRAINAGE / SISTEMI DRENAZHIMIT TE URRAVE TE PARKIMIT	
H	05		
faza:	data:	shkalla:	formati:
PI		N/A	A0



DESIGN SERVICES FOR THE PROJECT: "CONSTRUCTION OF THE UNDERGROUND PARKING BUILDING AND THE RECREATIONAL PARK, VLORA"

LANDSCAPE DRAINAGE / SISTEMI DRENAZHIMIT TE UJRAVE TE SHESHIT



KANALINE DRANAZHI SHIU

Kanal i kompletuar me grilë dhe fiksim të integruar.

GRILË PLASTIKE

Dimensionet dhe karakteristikat

Parametri	KUNËTYE DRENAZHIT
Widnes e sipërfaqes (EN 1433)	8 125
Gjerësia (mm)	1000
Gjersësia e jashtme / e brendshme (mm)	125 / 95
Largësia e jashtme / e brendshme (mm)	90 / 68
Përbërësit për abazhin:	Shkarkim vertikal Ø110 ose shkarkim gjyqës/ndihet (nëq përshikohet). Shkarkim horizontal Ø90 ose shkarkim tërësisht (nëq përshikohet).
Materiali	1 Integruar (nëqshet 5 mm)
Materiale të trashëgimisë	PP-PE
Materiale të grilës / 1 grilës	PP
Drejtuesori i përfunduar	GRILË MODELIT BROOKLIN
Drejtimi i trafikut:	Bliqësim me presion
Prehja (kg) - lëndë 1 st	5,5
Prehja (kg) - lëndë 2 st	5,5

- Legenda/Legend:
- CO** KAPAK PASTRIMI / CLEANOUT PLUG
 - $i=...%$ PJERRËSI / SLOPE
 - KOLONAT E SHKARKIMIT DHE BALANCIMIT / DISCHARGE AND BALANCE COLUMNS
 - KOLONAT E VENTILIMIT / VENT COLUMNS
 - TUB SHKARKIMI PP D50 / DRAIN PP D50
 - DEGE / BRANCH
 - BRYLE / ELBOW
 - PUSETE / MANHOLE

Notes:

Objekti / Object:
 "Ndërtim i godinës së parkimit nëntokësor ,Vlorë"
 "Construction of the underground parking building , Vlorë"

Klienti: Fondi Shqiptar i Zhvillimit / Albanian Development Fund

ARCHISPACE Studio Lokale Arkitekture Local Architecture Office N.6732/14	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
iRI Studio Lokale Arkitekture Local Architecture Office N.6844/3	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve
SPHAERA Studio Lokale Arkitekture Local Architecture Office N.4651/14	Firma/ Signature: Kontrolluar dhe aprovuar/ Read and approve

TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN NËKONTRASTIM NË ENDS

ARCHISPACE BHP
 The responsibility to ensure a correct use of the information provided herein shall remain with the client. We do not accept any liability for errors or omissions in the drawings. The drawings are provided for information only. They are not to be used for construction without our explicit approval. We do not accept any liability for errors or omissions in the drawings. The drawings are provided for information only. They are not to be used for construction without our explicit approval.

kapitulli	numri:	LANSCAPE DRENAZHIT E UJRAVE TE SHESHIT
H	06	GROUND FLOOR PLAN / PLANI I KATTIT PERDHE

faza:	data:	shkalla:	formati:
PI		N/A	A0