



Flow Systems	Symbols
Ngrahje Heating	Burimi i rrethesh Flow Source
Flutje Chilled	Kolone Riser
Furnizim Supply	Kolone ventiluese Stack
Aspirim Extract	Vtavor me sferë Ball Valve
Thirrje Intake	Valvol balancuese Balancing Valve
Nxjerje Exhaust	Valvol kontrolli presioni Pressure Independent Control Valve
	Valvol kontrolli termostaikë Thermostatic Control Valve
	Valvo komisionimi Commissioning Set Valve
	Kundra valvol Check Valve
	Valvol futur Butterfly Valve
	Valvol porte Gate Valve
	Valvol mbipresioni Pressure Relief Valve
	Reduktore presioni PRV
	Mates prurje Meter
	Reduktore presioni zonal RPZD
	Filtra Strainer
	Valvol refleksi Reflex Valve
	Valvol RPZD Ngrahje/Flutje RPZD Hot/Cold Valve
	TMV - Valvol termostaikë mishiuesë TMV
	Valvol temperuese Tempering Valve
	Valvol Custom Valve
	Damper tymi Smoke Damper
	Damper zjarri Fire Damper
	Shuares zhurme Attenuator
	Damper kontrolli volumi Volume Control Damper
	Slot Horizontal thirrje Intake Slot Horizontal
	Slot Horizontal fryje Supply Slot Horizontal
	Slot Horizontal nxjerje Exhaust Slot Horizontal
	Slot Vertical thirrje Intake Slot Vertical
	Slot Vertical fryje Supply Slot Vertical
	Slot Vertical nxjerje Exhaust Slot Vertical
	Grile rrethore horizontale thirrje Intake Circular Horizontal
	Grile rrethore horizontale fryje Supply Circular Horizontal
	Grile rrethore horizontale nxjerje Exhaust Circular Horizontal
	Grile rrethore vertikale thirrje Intake Circular Vertical
	Grile rrethore vertikale fryje Supply Circular Vertical
	Grile rrethore vertikale nxjerje Exhaust Circular Vertical

Equipment

	Pompe nxhetese ajer / uje Air to Water Heat Pump
	Njësi Trajtimi Ajri me rekuperator entalpi Air Handling Unit with energy air recovery
	Akumulatore inercial Volumizer - Buffer tank

JO PËR ZBATIM
NOT FOR CONSTRUCTION

00	Shator 2024	Projekt Leje / Permitting Design			
RISH NR.	DATA	QËLLIMI I DORËZIMIT	SHËNIM / PËRSHKRIM		
REV. NO.	DATE	PURPOSE OF ISSUE	REMARK / DESCRIPTION		
INVESTITORI / CONTRACTING AUTHORITY					
			<p>FONDI SHQIPTAR I ZHVILLIMIT</p>		
KONSULENTI INZHINIERIK / ENGINEERING CONSULTANT					
Nr. Licencës: N.5221/16					
<p>ICE ILLYRIAN CONSULTING ENGINEERS Adresa Rr. "Sami Frasheri", Pallati "Bjesh", Katë 11, Tirana, SHQIPËRI Tel: +355 4 200 572, Email: info@ice.al, www.ice.al</p>					
Përgatiti / Prepared by:	Arktekt / Architect	Bledi Saraci	Nr. Licencës/Licence No.	A.2173	
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	Ing. Hidroteknik / Hydraulic Eng.	Aida VOKA		K.1340/2	
	Ing. Hidroteknik / Hydraulic Eng.	Artjola ZOTAJ			
	Ing. Hidroteknik / Hydraulic Eng.	Silvia GJONAJ			
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	Ing. Mekanik / Mechanical Eng.	Marsel PYLLA	M.1288/1		
	Ing. Mekanik / Mechanical Eng.	Besnik KARAJ	M.0256/2		
Kontrollori / Checked by:	Koordinator Projekti / Project Coordinator	Abdurrahman SPAHIU	K.1571/5		
	Ing. Strukturalist / Structural Eng.	Talant KARRIQI	K.1547/6		
	Ing. Elektrik / Electrical Eng.	Emrira BERISHA	E.0550/4		
Mirato / Approved by:	Drejtes Projekt / Project Manager	Olset HAXHIU	K.1619/5		
TITULLI I PROJEKTIT / PROJECT TITLE					
<p>NDËRTIMI I GODINËS SË PARKIMIT MULTIFUNKSIONAL ME SHUMË NIVELE NË QENDRËN SPITALORE UNIVERSITARE "NËNË TEREZA" TIRANË (QSUT) CONSTRUCTION OF THE MULTI-LEVEL MULTI-FUNCTIONAL PARKING BUILDING AT THE UNIVERSITY HOSPITAL CENTER "MOTHER TERESA" TIRANA (QSUT)</p>					
EMRI I DOKUMENTIT / DOCUMENT TITLE					
<p>SISTEMI I AJRIT TE KONDICIONUAR DHE VENTILIMIT PLANI I KATTIT -1</p>					
FAZA E PROJEKTIT / PROJECT PHASE	Nr. i Dokumentit / Document No.	Shkalla / Scale	Rishikimi / Review	Përmasa e fletës / Page Size	Fleta / Page No.
PROJEKT LEJE / PERMITTING DESIGN		1:150	00	A1 (841x594mm)	M.9.1



- ### Flow Systems
- Ngrahje / Heating
 - Ftohje / Chilled
 - Furnizim / Supply
 - Aspirim / Extract
 - Thihje / Intake
 - Nxjerje / Exhaust
- ### Symbols
- Burimi i rrjedhes / Flow Source
 - Kolone / Riser
 - Kolone ventiluese / Stack
 - Vitavol me sferë / Ball Valve
 - Vatavol balancuese / Balancing Valve
 - Vatavol kontrolli presioni / Pressure Independent Control Valve
 - Vatavol kontrolli termostaikë / Thermostatic Control Valve
 - Vatavol komisionimi / Commissioning Set Valve
 - Kundra vatavol / Check Valve
 - Vatavol futur / Butterfly Valve
 - Vatavol porte / Gate Valve
 - Vatavol mbipresioni / Pressure Relief Valve
 - Reduktori presioni / PRV
 - Mates prurje / Meter
 - Reduktori presioni zonal / RPZD
 - Filtra / Strainer
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 - Vatavol Custom Valve
 - Damper tymi / Smoke Damper
 - Damper zjarri / Fire Damper
 - Shuarës zhurme / Attenuator
 - Damper kontrolli volumi / Volume Control Damper

Equipment

- CHILLER** - Pompe nxehëse ajër / uje / Air to Water Heat Pump
- AHU (HVHR) VV/H/C 36,000kW** - Njësi Trajtimi Ajri me rekuperator entalpi / Air Handling Unit with energy air recovery
- AKUMULATOR** - Akumulator inertial / Volumizer - Buffer tank

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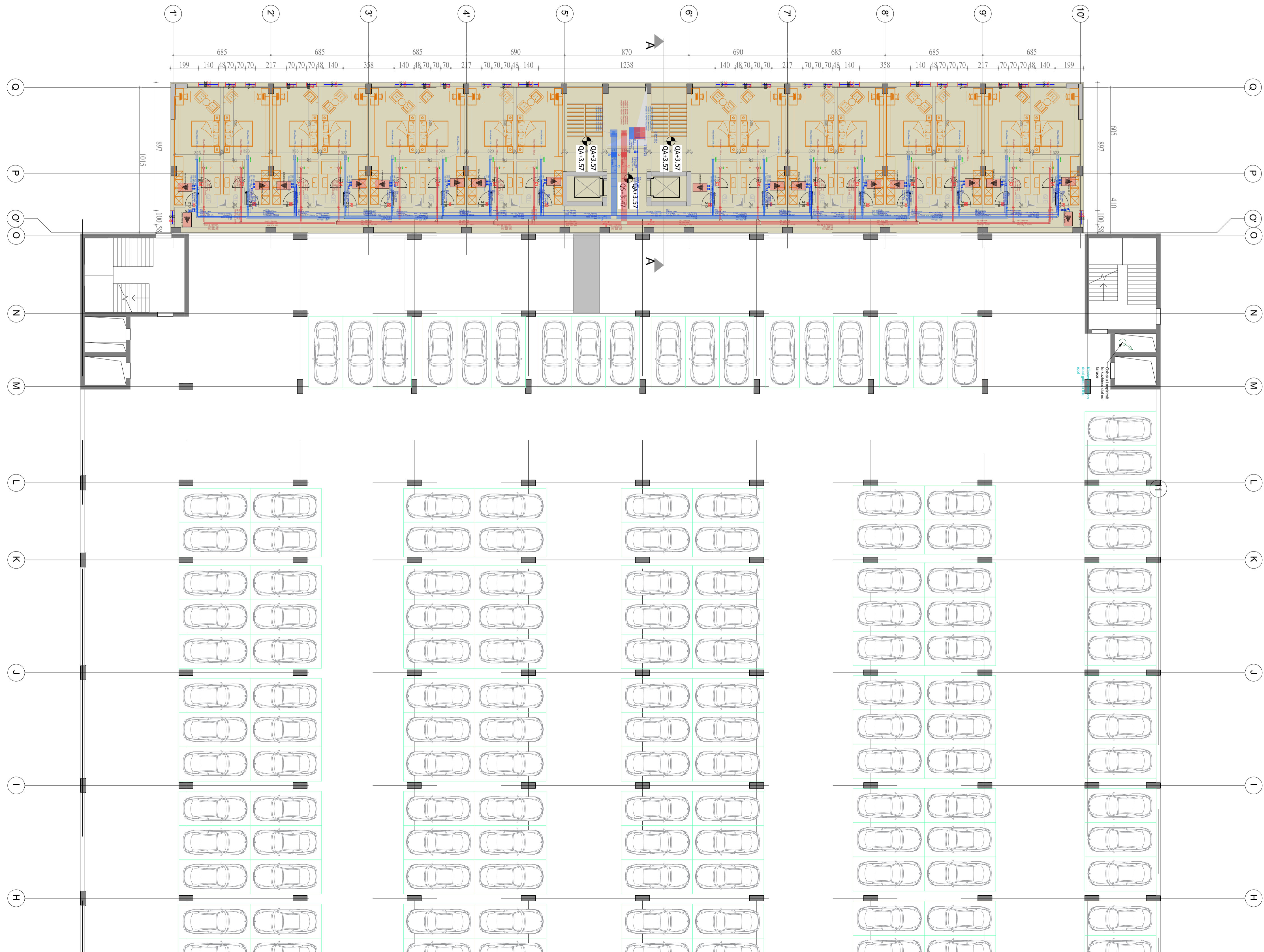
TITULLI I PROJEKTTIT / PROJECT TITLE

NDËRTIMI I GODINËS SË PARKIMIT MULTIFUNKSIONAL ME SHUMË NIVELE NË QENDRËN SPITALORE UNIVERSITARE "NËNË TEREZA" TIRANË (QSUT)
CONSTRUCTION OF THE MULTI-LEVEL MULTI-FUNCTIONAL PARKING BUILDING AT THE UNIVERSITY HOSPITAL CENTER "MOTHER TERESA" TIRANA (QSUT)

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SISTEMI I AJRIT TE KONDICIONUAR DHE VENTILIMIT / PLANI I KATTIT +0

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PROJEKT LEJE / PERMITTING DESIGN		1:150	00	A1 (841x594mm)	M.9.2



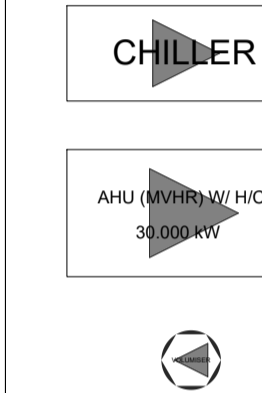
Flow Systems

- Ngrahje / Heating
- Ftohje / Chilled
- Furnizim / Supply
- Aspirim / Extract
- Thihje / Intake
- Nxjerje / Exhaust

Symbols

- Burimi i rjedes / Flow Source
- Kolone / Column
- Kolone ventiluese / Ventilation Column
- Vtavor me sferë / Ball Valve
- Valvol balancuese / Balancing Valve
- Valvol kontrolli presioni / Pressure Independent Control Valve
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- Valvo komisionimi / Commissioning Set Valve
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- Valvol porte / Gate Valve
- Valvol mbipresioni / Pressure Relief Valve
- Reduktur presioni / PRV
- Mates prurje / Meter
- Reduktur presioni zonal / RPZD
- Filtra / Filter
- Valvol refleksi / Reflex Valve
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- Shuarës zhurme / Attenuator
- Damper kontrolli volumi / Volume Control Damper

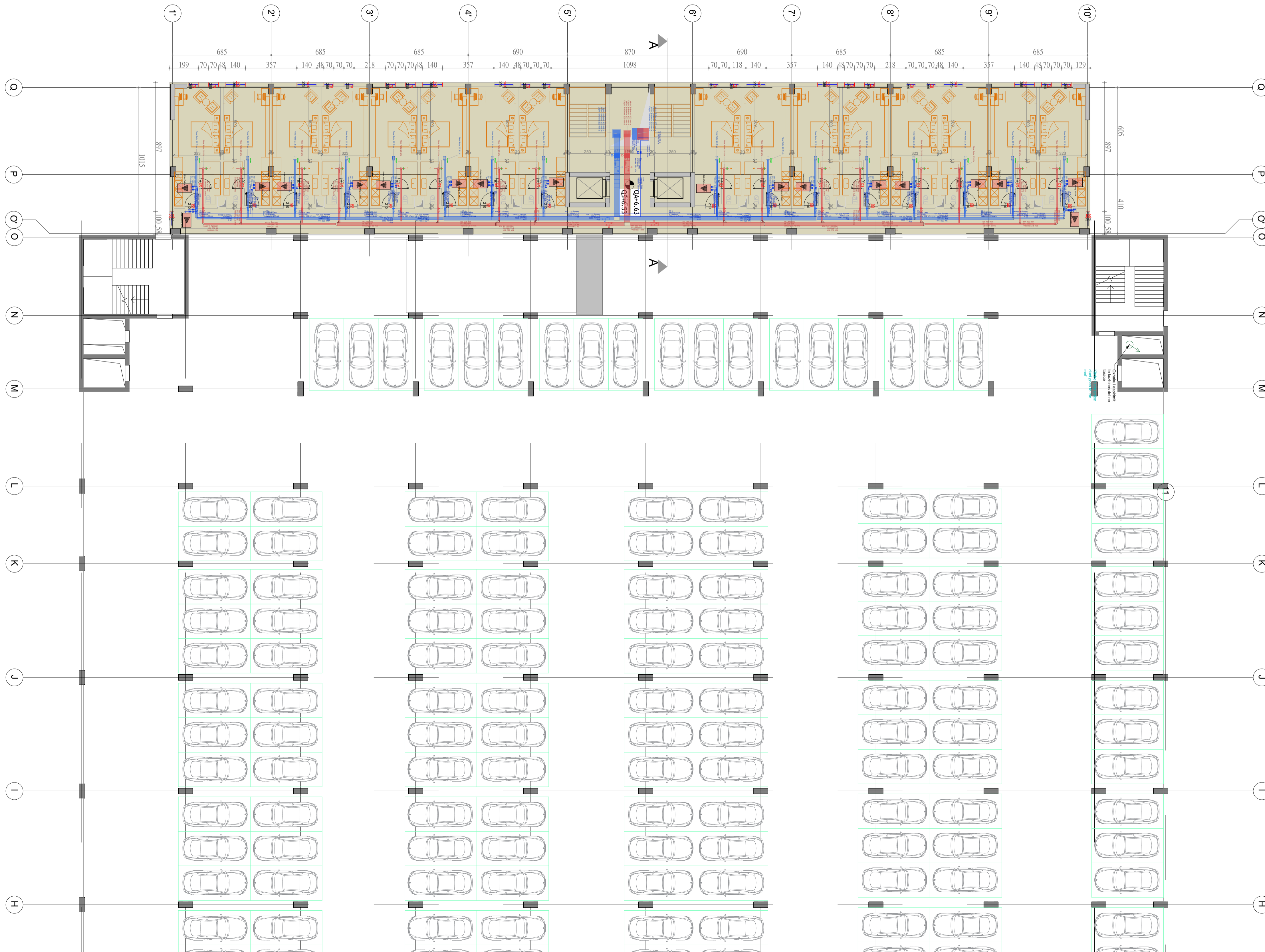
Equipment



- Pompe nxehëse ajër / ujë / Air to Water Heat Pump
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- Ftohje Chilled
- Furnizim Supply
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Symbols

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- Kolone Riser
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- Vitavol me sferë Ball Valve
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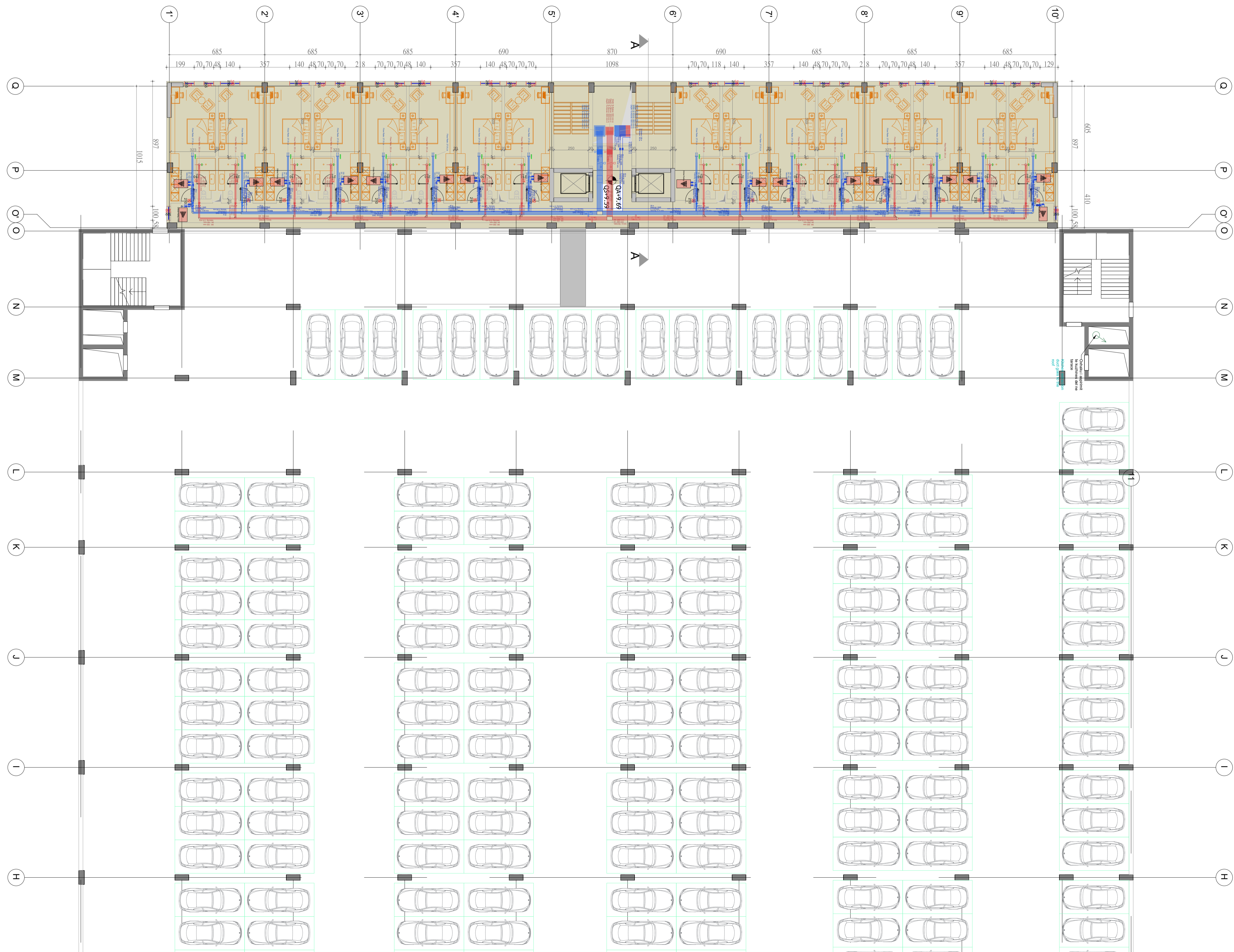
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Equipment

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- AHU (AVHR) VV/H/C 36000kW** - Njësi Trajtimi Ajri me rekupartor entalpi / Air Handling Unit with energy air recovery
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JO PËR ZBATIM
NOT FOR CONSTRUCTION

00	Shator 2024	Projekt Leje / Permitting Design	
RISH. NR. / REV. NO.	DATA / DATE	QËLLIMI I DORËZIMIT / PURPOSE OF ISSUE	SHËNIM / PËRSHKRIM / REMARK / DESCRIPTION

INVESTITORI / CONTRACTING AUTHORITY

FONDI SHQIPTAR I ZHVILLIMIT

KONSULENTI INZHINIERIK / ENGINEERING CONSULTANT

Nr. Licencës: N.5221/16

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Ing. Strukturi / Structural Eng.	Alda VOKA	K.1340/2		
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Ing. Hidroteknik / Hydraulic Eng.	Anxhela BICI			
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Drejtes Prgje / Project Manager	Olset HAXHIU	K.1619/5		

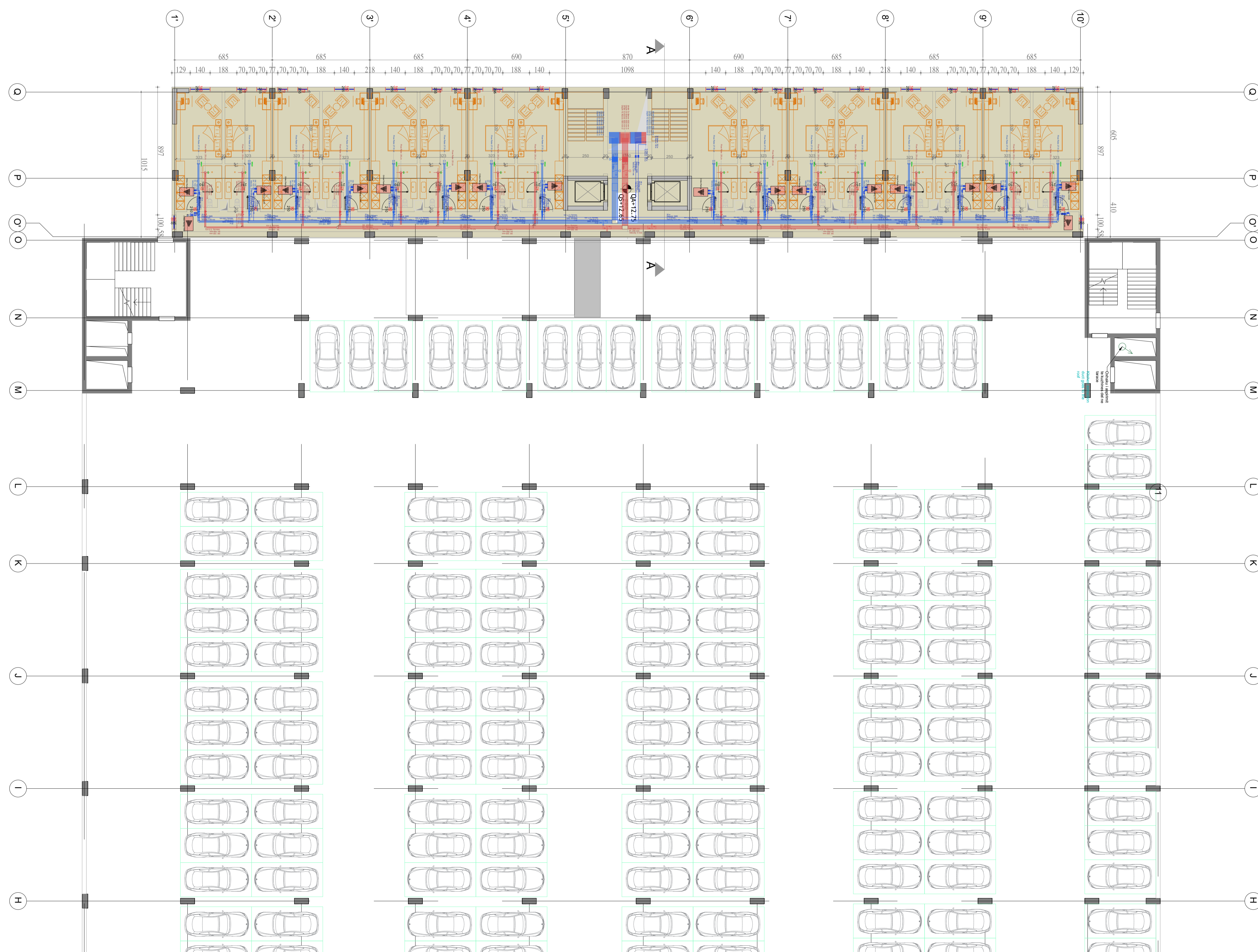
TITULLI I PROJEKTIT / PROJECT TITLE

NDËRTIMI I GODINËS SË PARKIMIT MULTIFUNKSIONAL ME SHUMË NIVELE NË QENDRËN SPITALORE UNIVERSITARE "NËNË TEREZA" TIRANË (QSUT)
CONSTRUCTION OF THE MULTI-LEVEL MULTI-FUNCTIONAL PARKING BUILDING AT THE UNIVERSITY HOSPITAL CENTER "MOTHER TERESA" TIRANA (QSUT)

EMRI I DOKUMENTIT / DOCUMENT TITLE

SISTEMI I AJRIT TE KONDICIONUAR DHE VENTILIMIT PLANI I KATTIT +3

FAZA E PROJEKTIT / PROJECT PHASE	Nr. i Dokumentit / Document No.	Shkalla / Scale	Rishikimi / Review	Përmasa e fletës / Page Size	Fleta / Page No.
PROJEKT LEJE / PERMITTING DESIGN		1:150	00	A1 (841x594mm)	M.9.5



Flow Systems	Symbols
Ngrënie / Heating	Burimi i rrjedhës / Flow Source
Flutje / Chilled	Kolone / Column
Furnizim / Supply	Kolone ventiluese / Ventilation Column
Aspirim / Extract	Vitavol me sferë / Ball Valve
Thirrje / Intake	Valvol balancuese / Balancing Valve
Nxjerje / Exhaust	Valvol kontrolli presioni / Pressure Independent Control Valve
	Valvol kontrolli termostaikë / Thermostatic Control Valve
	Valvo komisionimi / Commissioning Set Valve
	Kundra valvol / Check Valve
	Valvol futur / Butterfly Valve
	Valvol porte / Gate Valve
	Valvol mbipresioni / Pressure Relief Valve
	Reduktore presioni / PRV
	Mates prurje / Meter
	Reduktore presioni zonale / RPZD
	Filtra / Strainer
	Valvol reflektues / Reflex Valve
	Valvol RPZD Ngrënie/Flutje / RPZD Heating/Chilled
	TMV - Valvol termostaikë mishielluese / TMV
	Valvol temperuese / Tempering Valve
	Valvol / Custom Valve
	Damper tymi / Smoke Damper
	Damper zjarri / Fire Damper
	Shuarez zhurmë / Attenuator
	Damper kontrolli volumi / Volume Control Damper
	Slot Horizontal thirrje / Intake Slot Horizontal
	Slot Horizontal fryrje / Supply Slot Horizontal
	Slot Horizontal nxjerje / Exhaust Slot Horizontal
	Slot Vertical thirrje / Intake Slot Vertical
	Slot Vertical fryrje / Supply Slot Vertical
	Slot Vertical nxjerje / Exhaust Slot Vertical
	Grile rrethore horizontale thirrje / Intake Circular Horizontal
	Grile rrethore horizontale fryrje / Supply Circular Horizontal
	Grile rrethore horizontale aspirimi / Extract Circular Horizontal
	Grile rrethore horizontale nxjerje / Exhaust Circular Horizontal
	Grile rrethore vertikale thirrje / Intake Circular Vertical
	Grile rrethore vertikale fryrje / Supply Circular Vertical
	Grile rrethore vertikale aspirimi / Extract Circular Vertical
	Grile rrethore vertikale nxjerje / Exhaust Circular Vertical

Equipment	Description
CHILLER	Pompe nxehëse ajër / uje / Air to Water Heat Pump
AHU (AVHR) VAV / HC 36000 KW	Njësi Trajtimi Ajri me rekuperator entalpi / Air Handling Unit with energy air recovery
AKUMULATOR	Akumulator inertial / Volumizer - Buffer tank

JO PËR ZBATIM
NOT FOR CONSTRUCTION

00	Shator 2024	Projekt Leje / Permitting Design	
RISH NR.	DATA	QËLLIMI I DORËZIMIT	SHËNIM / PËRSHKRIM
REV. NO.	DATE	PURPOSE OF ISSUE	REMARK / DESCRIPTION

INVESTITORI / CONTRACTING AUTHORITY

FONDI SHQIPTAR I ZHVILLIMIT

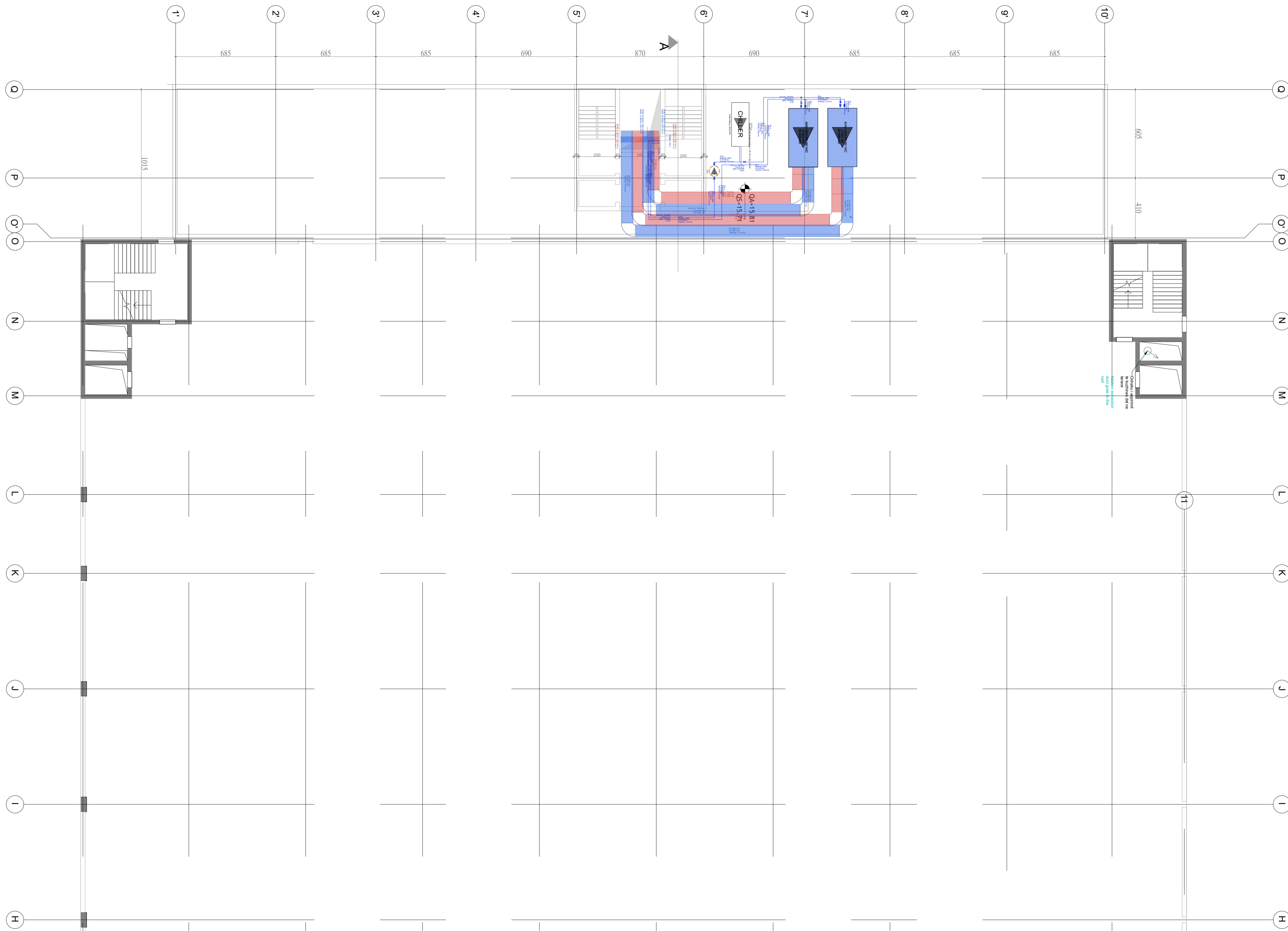
KONSULENTI INXHINIERIK / ENGINEERING CONSULTANT

Nr. Licencës: N.5221/16

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TITULLI I PROJEKTIT / PROJECT TITLE					
NDËRTIMI I GODINËS SË PARKIMIT MULTIFUNKSIONAL ME SHUMË NIVELE NË QENDRËN SPITALORE UNIVERSITARE "NËNË TEREZA" TIRANË (QSUT) CONSTRUCTION OF THE MULTI-LEVEL MULTI-FUNCTIONAL PARKING BUILDING AT THE UNIVERSITY HOSPITAL CENTER "MOTHER TERESA" TIRANA (QSUT)					
EMRI I DOKUMENTIT / DOCUMENT TITLE					
SISTEMI I AJRIT TE KONDICIONUAR DHE VENTILIMIT PLANI I KATIT +4					
FAZA E PROJEKTIT / PROJECT PHASE	Nr. i Dokumentit / Document No.	Shkalla / Scale	Rishikimi / Review	Përmasa e fletës / Page Size	Fleta / Page No.
PROJEKT LEJE / PERMITTING DESIGN		1:150	00	A1 (841x594mm)	M.9.6



Flow Systems

- Ngrahje / Heating
- Futur / Cooling
- Furnizim / Supply
- Aspirim / Extract
- Thihje / Intake
- Nxjerje / Exhaust

Symbols

- Burimi i rrjedhes / Flow Source
- Kolone / Room
- Kolone ventiluese / Stack
- Vtavor me sferë / Ball Valve
- Valvol balancuese / Balancing Valve
- Valvol kontrolli presioni / Pressure Independent Control Valve
- Valvol kontrolli termostaikë / Thermostatic Control Valve
- Valvo komisionimi / Commissioning Set Valve
- Kundra valvol / Check Valve
- Valvol futur / Butterfly Valve
- Valvol porte / Gate Valve
- Valvol mbipresioni / Pressure Relief Valve
- Reduktur presioni / PRV
- Mates prurje / Meter
- Reduktur presioni zonal / RPZD
- Filtra / Strainer
- Valvol refleksi / Reflex Valve
- Valvol RPZD Ngrahje/ftohje / RPZD Hot/Cold Valve
- TMV - Valvol termostaikë mishiuesh / TMV
- Valvol temperuese / Tempering Valve
- Valvol / Custom Valve
- Damper tymi / Smoke Damper
- Damper zjarri / Fire Damper
- Shuarez zhurme / Attenuator
- Damper kontrolli volumi / Volume Control Damper

Equipment

- CHILLER** - Pompe nxehëse ajër / ujë / Air to Water Heat Pump
- AHU (AVHR) VV/H/C 36000kW** - Njësi Trajtimi Ajri me rekuparim entalpi / Air Handling Unit with energy air recovery
- AKUMULATOR** - Akumulator inercial / Volumizer - Buffer tank

**JO PËR ZBATIM
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RISH NR. REV. NO.	DATA	QËLLIMI I DORËZIMIT / PURPOSE OF ISSUE
		SHËNIM / PËRSHKRIM / REMARK / DESCRIPTION

INVESTITORI / CONTRACTING AUTHORITY

FONDI SHQIPTAR I ZHVILLIMIT

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	Aida VOKA	K.1340/2		
	Artjola ZOTAJ			
	Silvia GJONAJ			
	Anxhela BICI			
Ing. Elektrik / Electrical Eng. Ing. Mekanik / Mechanical Eng.	Enis HAVERIKU	E.1450		
	Iber PUCI			
	Marsel PYLLA	M.1288/1		
Ing. Mekanik / Mechanical Eng. Kordinatori Projekti / Project Coordinator Ing. Strukturalist / Structural Eng. Ing. Elektrik / Electrical Eng.	Besnik KARAJ	M.0256/2		
	Abdurrahman SPAHIU	K.1571/5		
	Taulant KARRIQI	K.1547/6		
Drejtes Projekt / Project Manager	Emira BERISHA	E.0550/4		
	Olset HAXHIU	K.1619/5		

TITULLI I PROJEKTIT / PROJECT TITLE

**NDËRTIMI I GODINËS SË PARKIMIT MULTIFUNKSIONAL ME SHUMË NIVELE NË QENDRËN SPITALORE UNIVERSITARE "NËNË TEREZA" TIRANË (QSUT)
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EMRI I DOKUMENTIT / DOCUMENT TITLE

**SISTEMI I AJRIT TE KONDICIONUAR DHE VENTILIMIT
PLANI I TARACES**

FAZA E PROJEKTIT / PROJECT PHASE	Nr. i Dokumentit / Document No.	Shkalla / Scale	Rishikimi / Review	Përmasa e fletës / Page Size	Fleta / Page No.
PROJEKT LEJE / PERMITTING DESIGN		1:150	00	A1 (841x594mm)	M.9.7