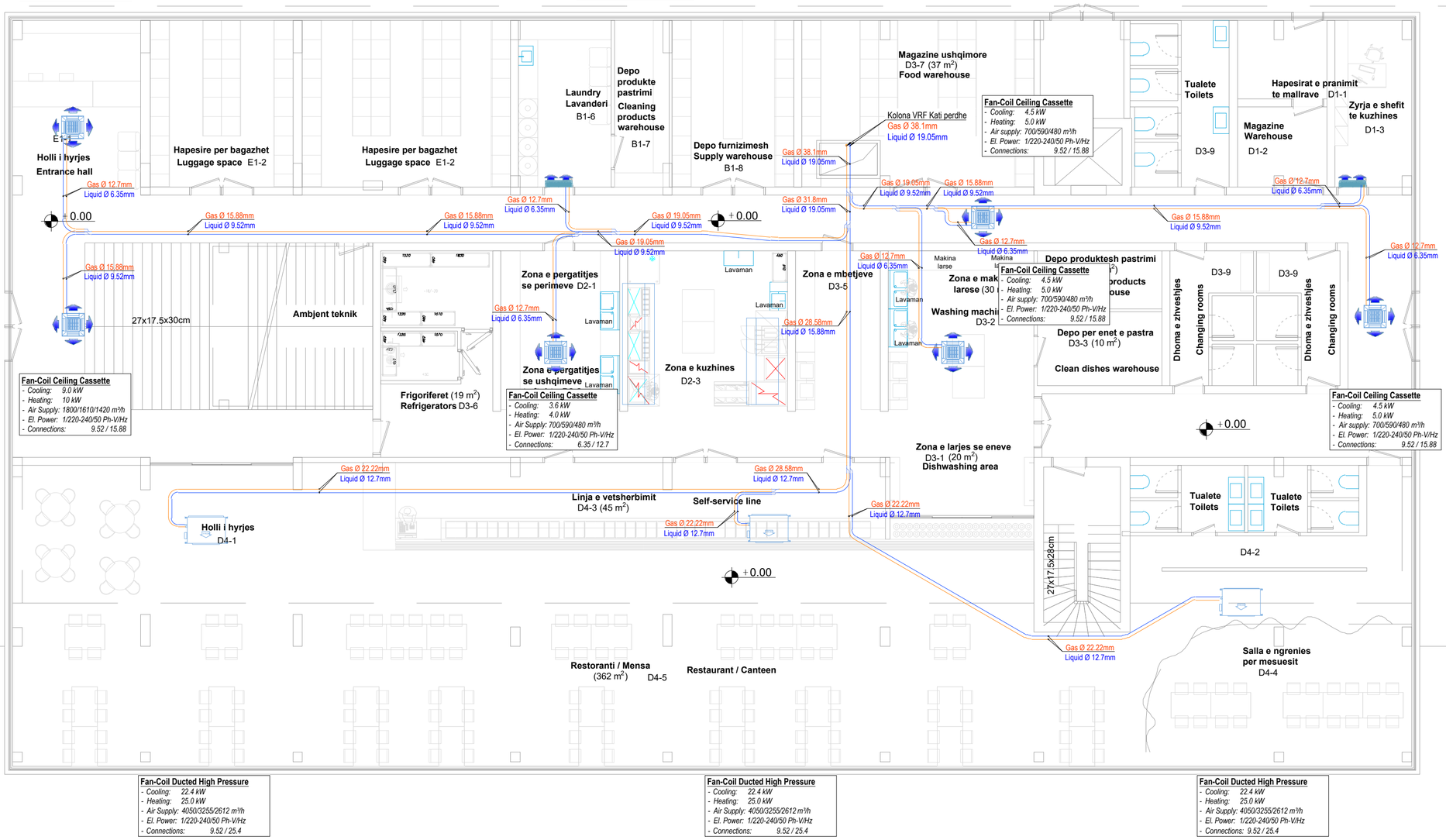

LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

NOTE:

- Copper pipes must be welded with silver electrodes and in the presence of NITROGEN
- The joining of pipes to each other must be carried out with sleeves or expansion devices, AT NO TIME WITH HEATING THE PIPE AND WITH SURROUNDING MEANS
- Testing of copper pipes after welding must be done with pressurized nitrogen not less than 30 bar for a period of not less than 24 hours
- Copper pipes must be thermally insulated with insulation with a thickness of not less than 19 mm
- Fixing of copper pipes to the ceiling must be carried out at a distance of not more than 200 cm
- The joining of the parts of the thermal insulation between each other must be carried out with mastic and wrapped with adhesive aluminum
- The connection of copper pipes to the equipment must be carried out in full compliance with the equipment guide catalog.
- The fixing of the device to the ceiling must be carried out in full compliance with the equipment instruction catalogue.
- The condensate discharge pipes must be connected to the device pump pipe.

ATTENTION!

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THE CONTRACTOR IS OBLIGED TO RE-CALCULATE THE PIPELINES BEFORE BEGINNING THE IMPLEMENTATION OF THE WORKS, ACCORDING TO THE BRAND OF THE EQUIPMENT TO BE SUPPLIED.

PROJEKTI / Project:
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Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office Studio Lokale Arkitekture Gent Agolli (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office Studio Lokale Arkitekture Ilias Pebrea (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office Studio Lokale Arkitekture Ajkid Topore (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-01	**PRESENTATION OF VRF SYSTEM EQUIPMENT FLOOR PLAN 0**

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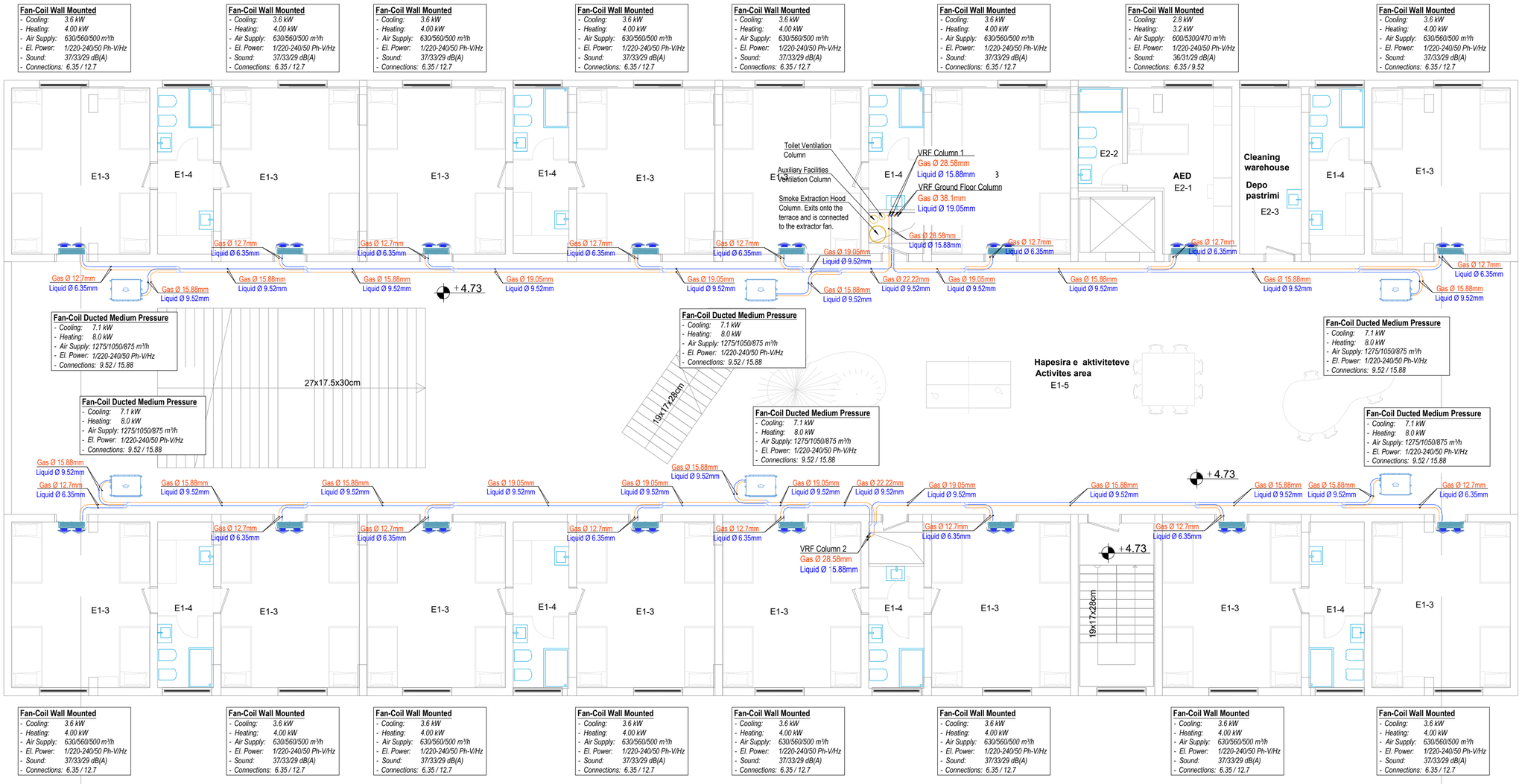

LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

NOTE:

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- The condensate discharge pipes must be connected to the device pump pipe.

ATTENTION!

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THE CONTRACTOR IS OBLIGED TO RE-CALCULATE THE PIPELINES BEFORE BEGINNING THE IMPLEMENTATION OF THE WORKS, ACCORDING TO THE BRAND OF THE EQUIPMENT TO BE SUPPLIED.

PROJEKTI / Project:
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Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office / Studio Lokale Arkitekture — Gent Agolli (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture — Ilias Pelnda (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office / Studio Lokale Arkitekture — Ajkol Topore (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruksioni — Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering / Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-02	**PRESENTATION OF VRF SYSTEM EQUIPMENT FLOOR PLAN +1**

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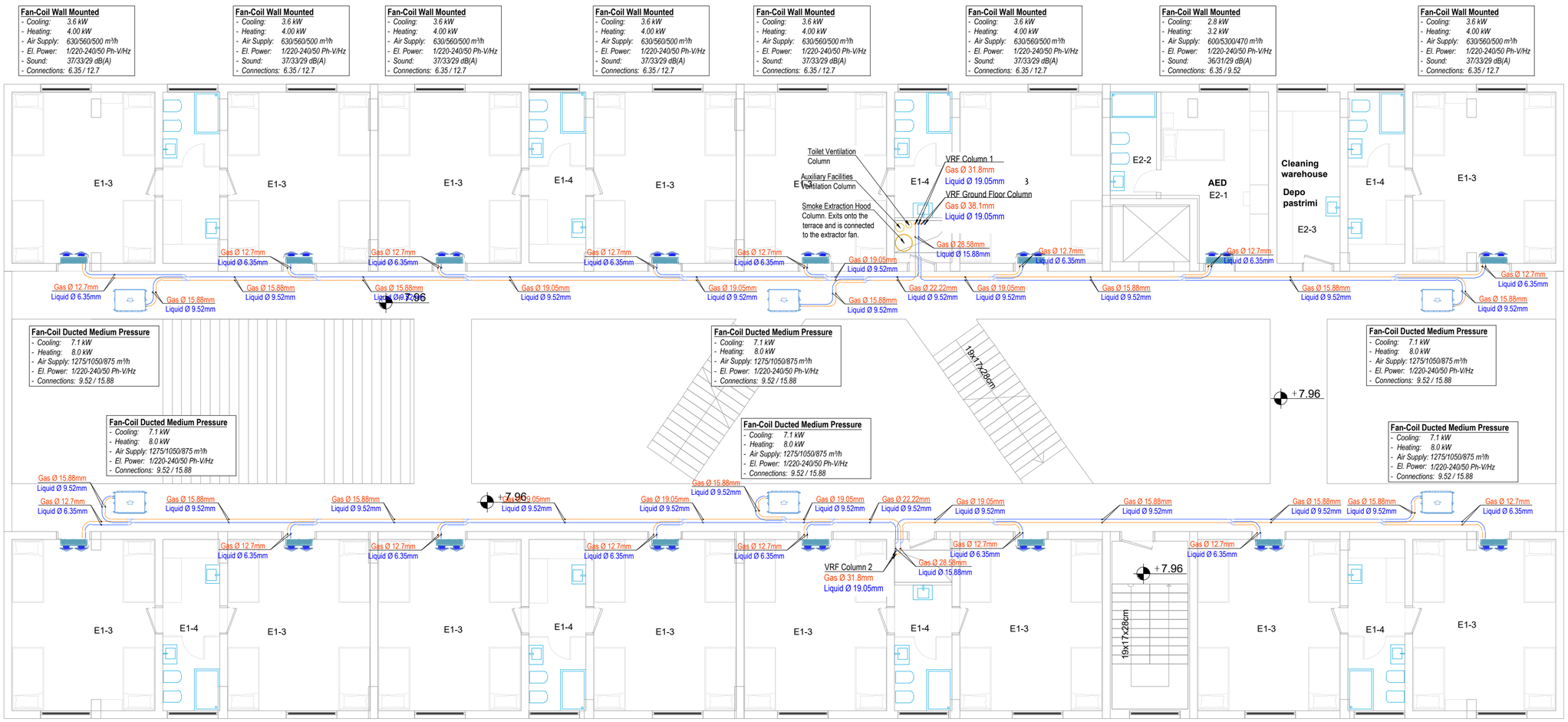

LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

NOTE:

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- The condensate discharge pipes must be connected to the device pump pipe.

ATTENTION!

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THE CONTRACTOR IS OBLIGED TO RE-CALCULATE THE PIPELINES BEFORE BEGINNING THE IMPLEMENTATION OF THE WORKS, ACCORDING TO THE BRAND OF THE EQUIPMENT TO BE SUPPLIED.

PROJEKTI / Project:
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Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office / Studio Lokale Arkitekture — Gent-Ajgjiti	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture — Ras Petrela	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office / Studio Lokale Arkitekture — Ajkë Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruksioni — Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering / Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-03	**PRESENTATION OF VRF SYSTEM EQUIPMENT FLOOR PLAN +2**

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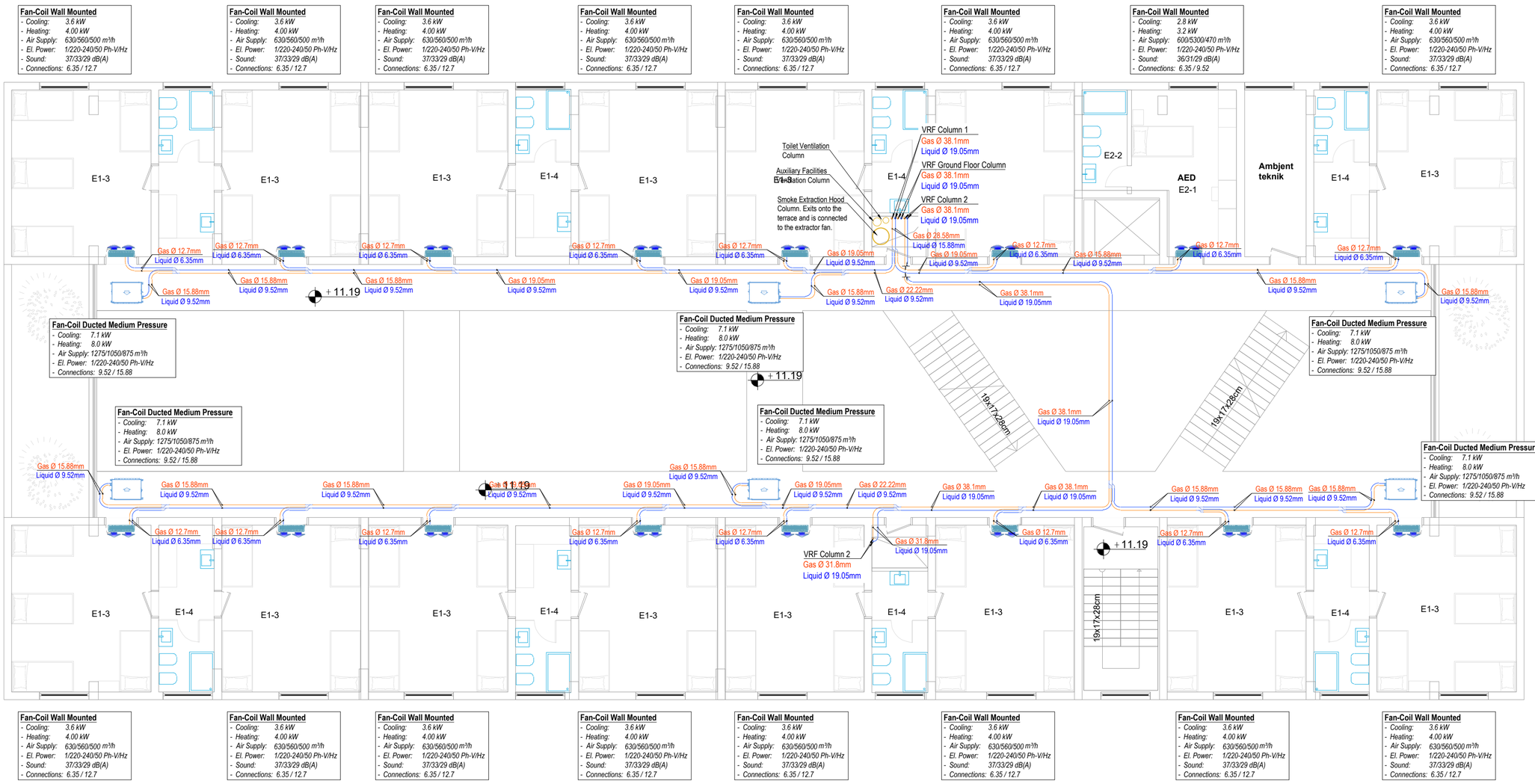

LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

NOTE:

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- The condensate discharge pipes must be connected to the device pump pipe.

ATTENTION!

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THE CONTRACTOR IS OBLIGED TO RE-CALCULATE THE PIPELINES BEFORE BEGINNING THE IMPLEMENTATION OF THE WORKS, ACCORDING TO THE BRAND OF THE EQUIPMENT TO BE SUPPLIED.

PROJEKTI / Project:
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Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office / Studio Lokale Arkitekture — Gent Agolli (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture — Ras Petrela (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office / Studio Lokale Arkitekture — Ajkol Topcre (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruksioni — Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering / Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-04	PRESENTATION OF VRF SYSTEM EQUIPMENT FLOOR PLAN +3

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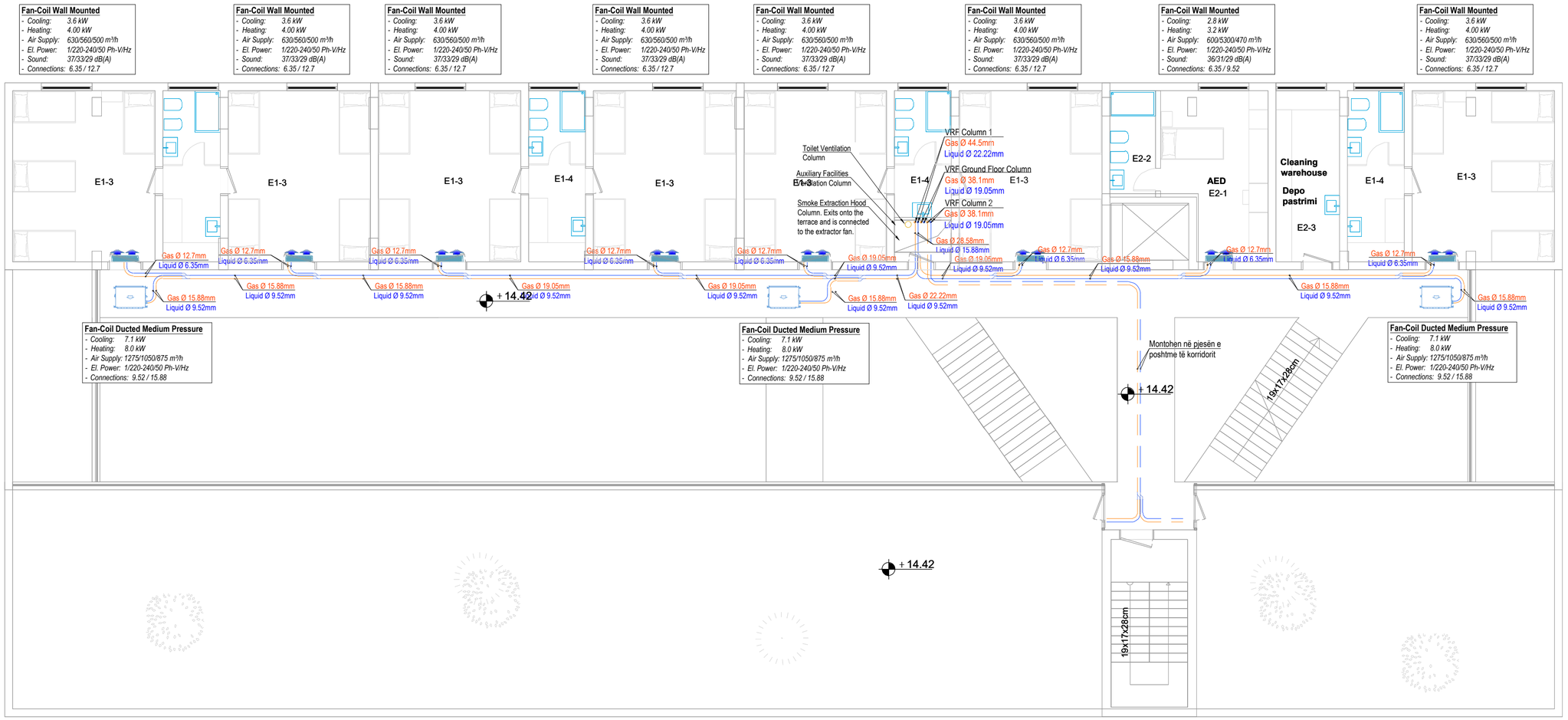

LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

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PROJEKTI / Project:
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Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office Studio Lokale Arkitekture Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office Studio Lokale Arkitekture Rais Petrela	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office Studio Lokale Arkitekture Ajkid Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-05	**PRESENTATION OF VRF SYSTEM EQUIPMENT FLOOR PLAN +4**

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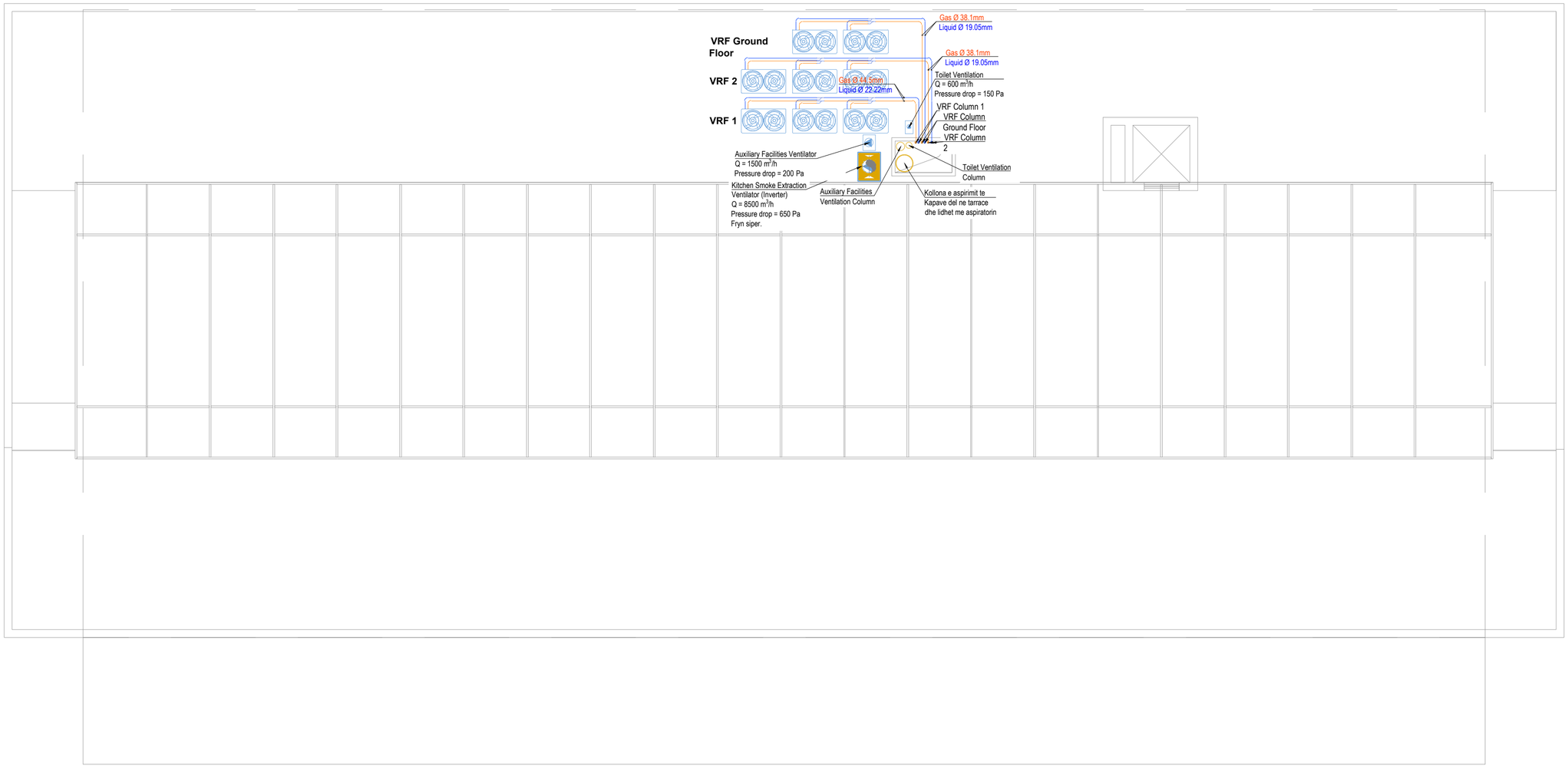

LEGJENDA

— Outdoor VRF Unit

— Indoor VRF Unit Ceiling Cassette

— Indoor VRF Unit Wall Mounted

— Branch

— Copper pipe, Liquid refrigerant

— Copper pipe, Gas refrigerant

— PP Pipe

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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Rais Pebreta	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkid Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-06	**POSITIONING OF VRF SYSTEM OUTDOOR EQUIPMENT ON THE TERRACE.**

Faza:	data:	shkalla e vizatimit:	formati:
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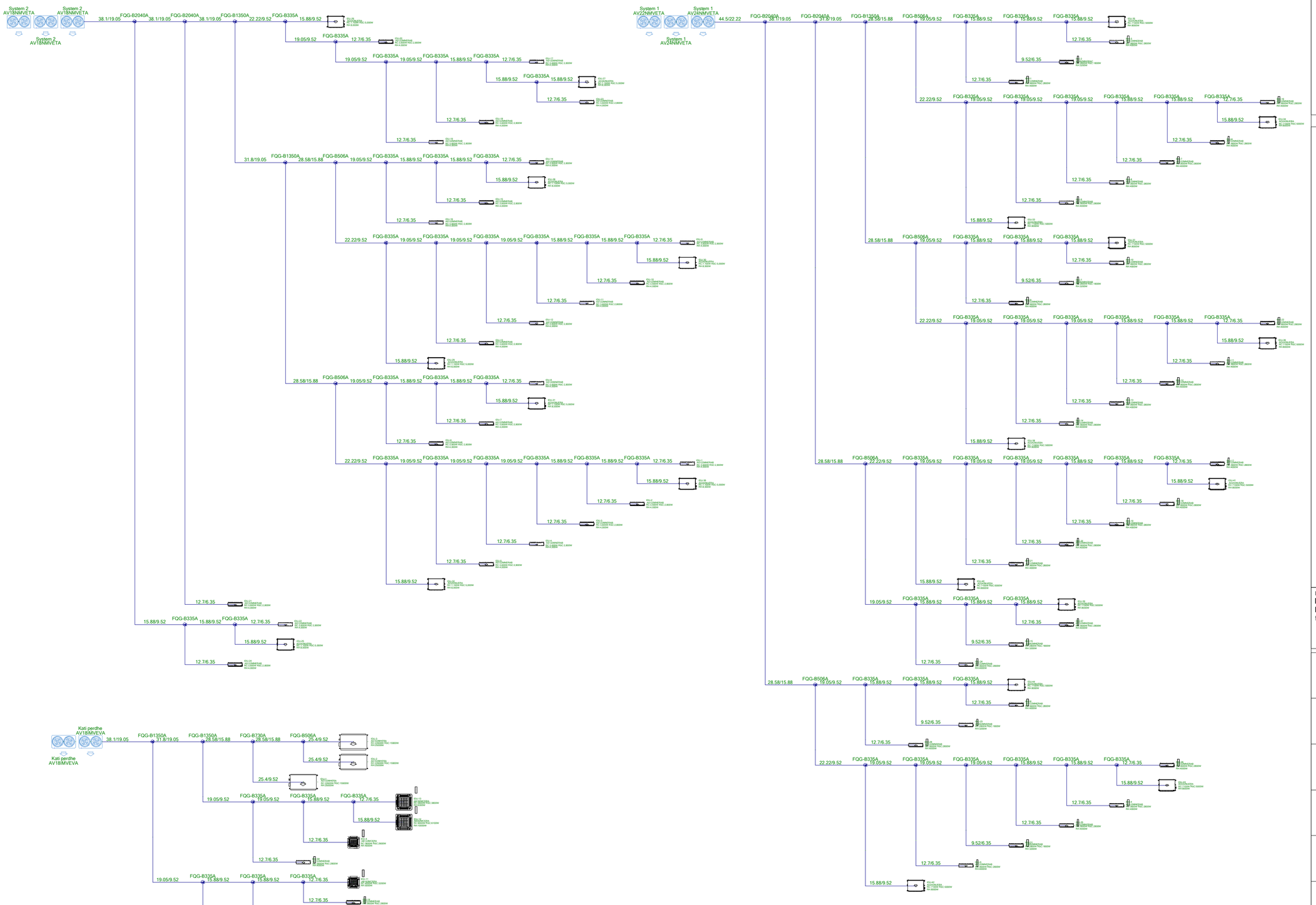

LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

NOTE:

- Copper pipes must be welded with silver electrodes and in the presence of NITROGEN
- The joining of pipes to each other must be carried out with sleeves or expansion devices, AT NO TIME WITH HEATING THE PIPE AND WITH SURROUNDING MEANS
- Testing of copper pipes after welding must be done with pressurized nitrogen not less than 30 bar for a period of not less than 24 hours
- Copper pipes must be thermally insulated with insulation with a thickness of not less than 19 mm
- Fixing of copper pipes to the ceiling must be carried out at a distance of not more than 200 cm
- The joining of the parts of the thermal insulation between each other must be carried out with mastic and wrapped with adhesive aluminum
- The connection of copper pipes to the equipment must be carried out in full compliance with the equipment guide catalog.
- The fixing of the device to the ceiling must be carried out in full compliance with the equipment instruction catalogue.
- The condensate discharge pipes must be connected to the device pump pipe.

ATTENTION!

THE DIMENSIONING OF THE PIPELINES IN THE PROJECT IS DONE TO CALCULATE THE PREVENTIVE.
THE CONTRACTOR IS OBLIGED TO RE-CALCULATE THE PIPELINES BEFORE BEGINNING THE IMPLEMENTATION OF THE WORKS, ACCORDING TO THE BRAND OF THE EQUIPMENT TO BE SUPPLIED.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

Local Architecture Office / Studio Lokale Arkitekture: Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office / Studio Lokale Arkitekture: Rais Pelreta	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office / Studio Lokale Arkitekture: Ajkid Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Construction Studio / Studio Kunstruksioni: Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Electrical Engineering / Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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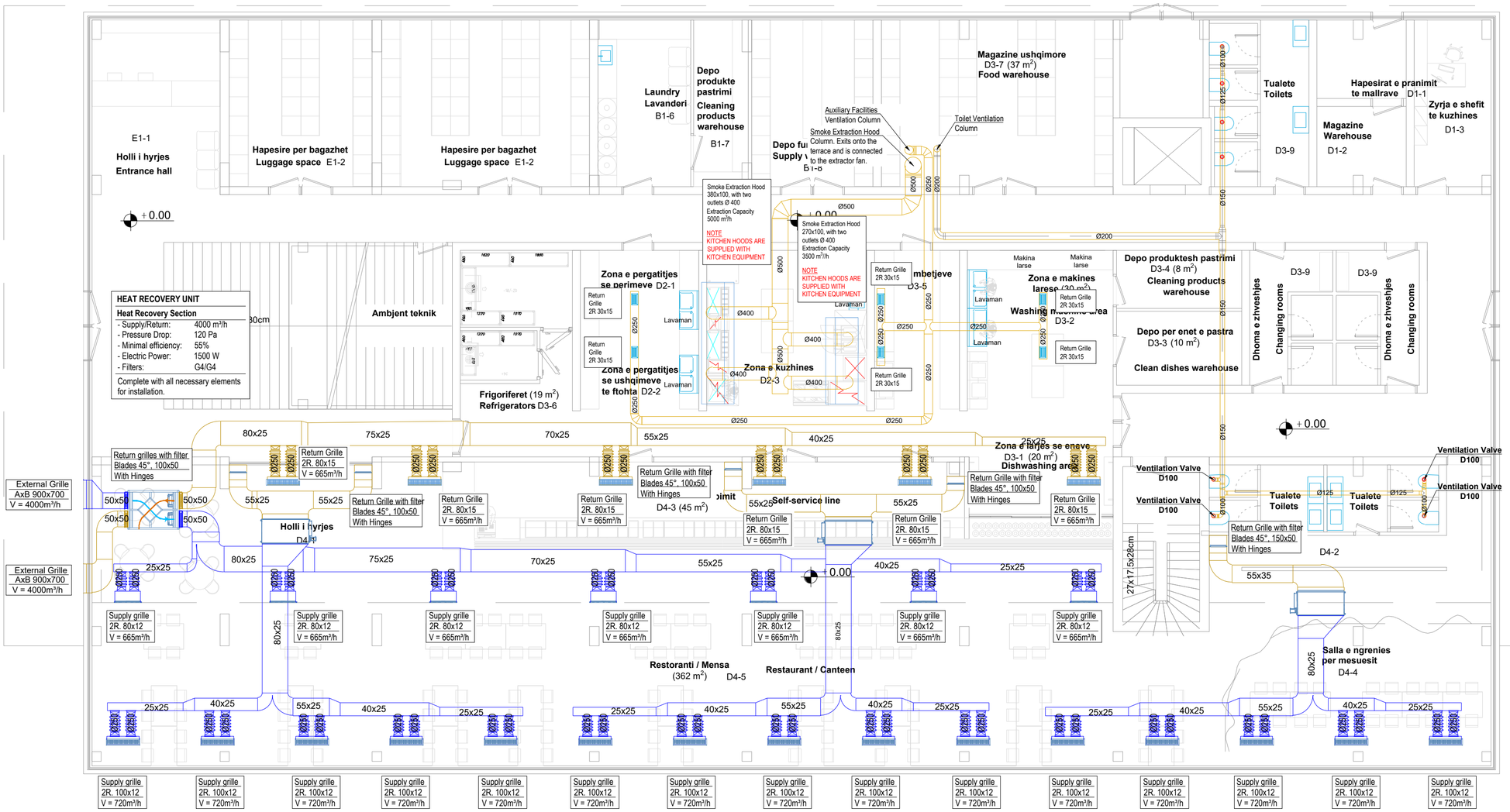
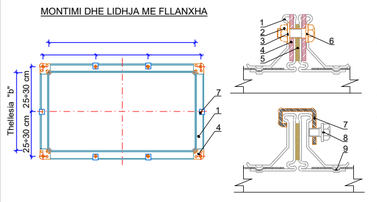
issuer	plan number:	TITULLI / Title:
M	iM-NVAK-07	**VRF AIR CONDITIONING SYSTEM MAIN SCHEMES**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1: ...	A2



DETAJE MONTIMI

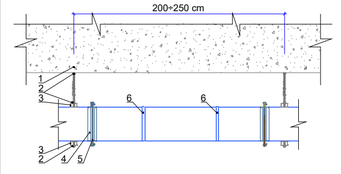
MONTIMI DHE LIDHJA ME FLLANXHA



LEGJENDA

1. Fllanxhe
2. Dado
3. Rondele
4. Kendore
5. Airstop
6. Bullon
7. Morsete
8. Bullon
9. Kapje me kafshim

MONTIMI DHE LIDHJA E GRILAVE



1 - UP METALIKE BETONI
2 - DADO MBERTHYESE
3 - PROFIL METALIK
4 - FLLANXHE METALIKE
5 - HERMETIZUES
6 - BRINJE PERFORCUESE
5 - BRINJE PERFORCUESE

LEGJENDA

- Rekuperator nxhetesie
- Grile shiu ne shkarkim
- Grile shiu ne thithje
- Grile ne dhenie
- Grile ne rikthim
- Kanal ajri ne dhenie
- Kanal ajri ne rikthim

SHËNIM

1. Llamarina xingato me te cilen do te prodhohen kanalet e ajrit duhe te jete e galvanizuar ne te nxhehte dhe trashesia e veshjes se zingut duhet te jete minimalisht sipas BS EN ISO 12944: Part 2, duhet te jete minimumi 200µm (mikron), referuar kategorise se mjedisit C4, per ambiente me permbajtje te larte lageshtije dhe intensitet te larte korozioni.
2. Trashesia e llamarines qe do te prodhohen kanalet e ajrit duhet te jete konforme **Tabeles 01,** ku percaktohet trashesia e llamarines ne funksione te dimensionit me te madhe te kanalit te ajrit.
3. Kanalet e ajrit kuadratik duhe te jene me brinje perforcuese çdo 100 cm, si dhe duhet te kapen me fllanxha 20-25 mm, ne distanca jo me shum se 200 cm.
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7. Termoizlonimi i kanaleve te ajrit qofte ne dhenie dhe riktim, duhet te behet me boje termike jo me pak se 2 shtresa.
8. Fllanxhat duhet te kapen ne kende me dado bullona dhe me morseta metalike respektivisht detajit teknik te dhene.
9. Te fiksohen me element mbajtes prixhonier dhe profile me vrima C 40 mm, fiksimi duhet te behet ne distance çdo 200cm si dhe ne brryla etj, per te siguruar stabilitetin mekanik.

TABELA 1

Ana e gjere e kanalit		*Trashesia e llamarines*
Deri ne	30 cm	δ=0.6 mm
Nga	35 ÷ 75 cm	δ=0.8 mm
Nga	80 ÷ 120 cm	δ=1.0 mm
Nga	125 ÷ 200 cm	δ=1.2 mm
Mbi	200 cm	δ=1.5 mm

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ilias Peihala	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkol Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksione Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-08	**AIR DUCT DISTRIBUTION LAYOUT FLOOR PLAN 0**

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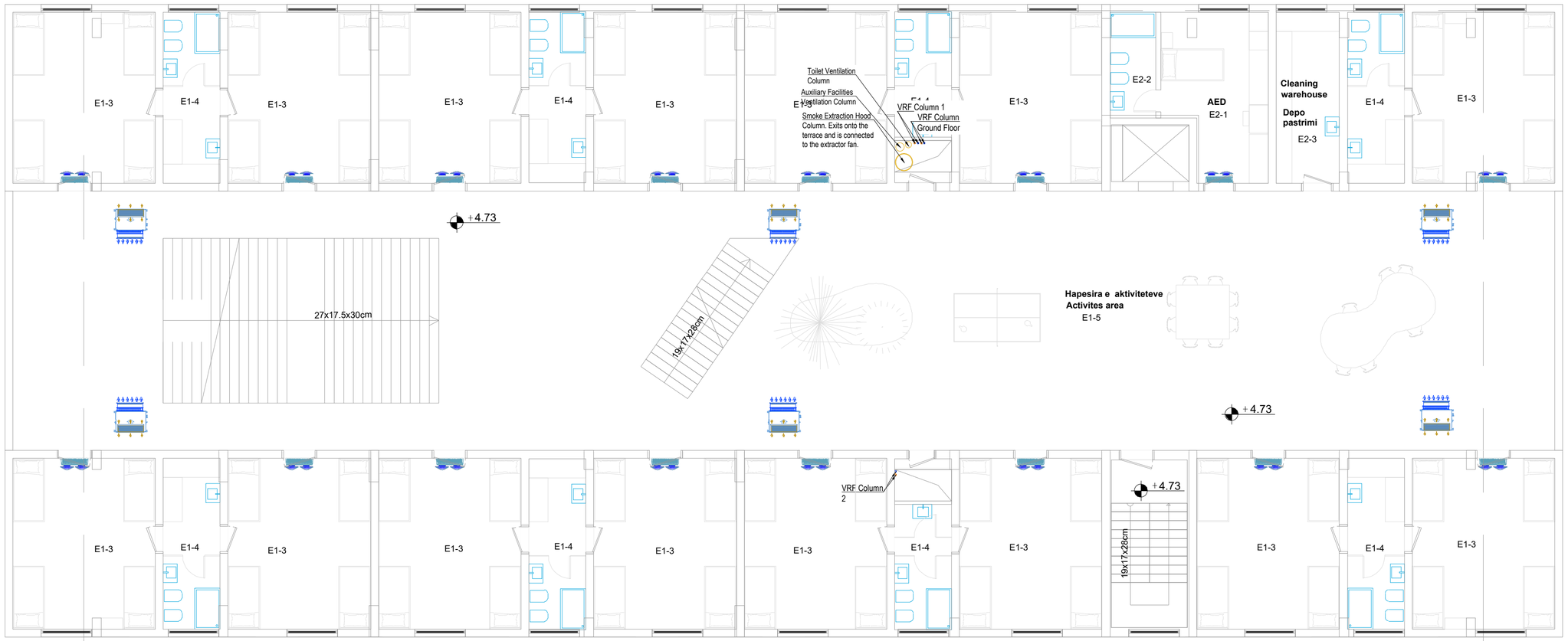
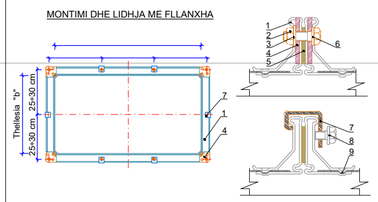


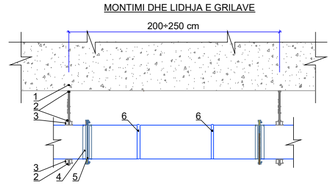
DETAJE MONTIMI

MONTIMI DHE LIDHJA ME FLLANXHA



LEGJENDA
1. Fllanxhe
2. Dado
3. Rondele
4. Kendore
5. Airstop
6. Bullon
7. Morsete
8. Bullon
9. Kapje me kafshim

MONTIMI DHE LIDHJA E GRILAVE



1 - UP METALIKE BETONI
2 - DADO MBERTHYESE
3 - PROFIL METALIK
4 - FLLANXHE METALIKE
5 - HERMETIZUES
6 - BRINJE PERFORCUESE
5 - BRINJE PERFORCUESE

LEGJENDA

- Rekuperator nxhetesie
- Grile shiu ne shkarkim
- Grile shiu ne thithje
- Grile ne dhenie
- Grile ne rikthim
- Kanal ajri ne dhenie
- Kanal ajri ne rikthim

SHËNIM

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TABELA 1	
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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ras Pelnda	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkol Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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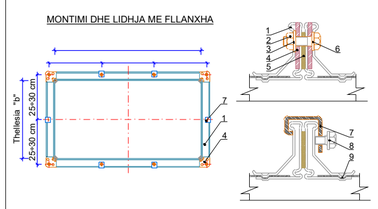
issuer	plan number:	TITULLI / Title:
M	iM-NVAK-09	**AIR DUCT DISTRIBUTION LAYOUT FLOOR PLAN +1**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

DETAJE MONTIMI

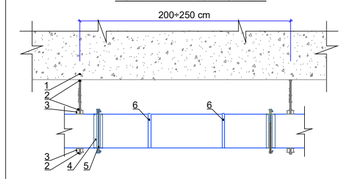
MONTIMI DHE LIDHJA ME FLLANXHA



LEGJENDA

1. Fllanxhe
2. Dado
3. Rondele
4. Kendore
5. Airstop
6. Bullon
7. Morsete
8. Bullon
9. Kapje me kafshim

MONTIMI DHE LIDHJA E GRILAVE



1 - UP METALIKE BETONI
2 - DADO MBERTHYESE
3 - PROFIL METALIK
4 - FLLANXHE METALIKE
5 - HERMETIZUES
6 - BRINJE PERFORCUESE
5 - BRINJE PERFORCUESE

LEGJENDA

- Rekuperator nxhetesie
- Grile shiu ne shkarkim
- Grile shiu ne thithje
- Grile ne dhenie
- Grile ne rikthim
- Kanal ajri ne dhenie
- Kanal ajri ne rikthim

SHËNIM

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TABELA 1

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Mbi 200 cm	δ=1.5 mm

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ras Pelnda	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkol Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-10	**AIR DUCT DISTRIBUTION LAYOUT FLOOR PLAN +2**

Faza:	data:	shkalla e vizatimit:	formati:
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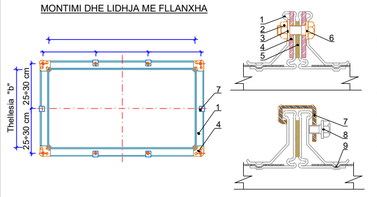
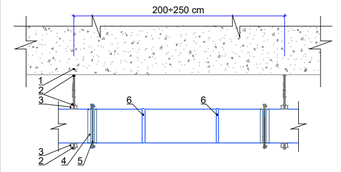
DETAJE MONTIMI

MONTIMI DHE LIDHJA ME FLLANXHA



LEGJENDA
1. Fllanxhe
2. Dado
3. Rondele
4. Kendore
5. Airstop
6. Bullon
7. Morsete
8. Bullon
9. Kapje me kafshim

MONTIMI DHE LIDHJA E GRILAVE



1 - UP METALIKE BETONI
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4 - FLLANXHE METALIKE
5 - HERMETIZUES
6 - BRINJE PERFORCUESE
5 - BRINJE PERFORCUESE

LEGJENDA

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- Grile shiu ne thithje
- Grile ne dhenie
- Grile ne rikthim
- Kanal ajri ne dhenie
- Kanal ajri ne rikthim

SHËNIM

1. Llamarina xingato me te cilen do te prodhohen kanalet e ajrit duhe te jete e galvanizuar ne te nxhehte dhe trashesia e veshjes se zingut duhet te jete minimalisht sipas BS EN ISO 12944: Part 2, duhet te jete minimumi 200µm (mikron), referuar kategorise se mjedisit C4, per ambiente me permbajtje te larte lageshtije dhe intensitet te larte korozioni.
2. Trashesia e llamarines qe do te prodhohen kanalet e ajrit duhet te jete konforme **Tabeles 01,** ku percaktohet trashesia e llamarines ne funksione te dimensionit me te madhe te kanalit te ajrit.
3. Kanalet e ajrit kuadratik duhe te jene me brinje perforcuese çdo 100 cm, si dhe duhet te kapen me fllanxha 20-25 mm, ne distanca jo me shum se 200 cm.
4. Kanalet e rrethore duhet te prodhohen ne forme spirale, gjatesia e tubacioneve te llogaritet ne funksion te vizatimeve te projektit.
5. Reduksionet ne kanalete e ajrit, ne te gjitha rastet duhet te prodhohen ne menyre te tille qe kendi i thyerjes mos te kaloje kendin 35°.
6. Te gjitha nyjet lidhese ne kanalet e ajrit duhet te izolohen me silikon te posaçem per kanalet e ajrit, si dhe te sigurohet qe mos te kete rrjedhje.
7. Termoizlonimi i kanaleve te ajrit qofte ne dhenie dhe riktim, duhet te behet me boje termike jo me pak se 2 shtresa.
8. Fllanxhat duhet te kapen ne kende me dado bullona dhe me morseta metalike respektivisht detajit teknik te dhene.
9. Te fiksohen me element mbajtes prixhonier dhe profile me vrima C 40 mm, fiksimi duhet te behet ne distance çdo 200cm si dhe ne brryla etj, per te siguruar stabilitetin mekanik.

TABELA 1		
Ana e gjere e kanalit		*Trashesia e llamarines*
Deri ne	30 cm	δ=0.6 mm
Nga	35 ÷ 75 cm	δ=0.8 mm
Nga	80 ÷ 120 cm	δ=1.0 mm
Nga	125 ÷ 200 cm	δ=1.2 mm
Mbi	200 cm	δ=1.5 mm

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Rais Pelreta	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkol Topcre	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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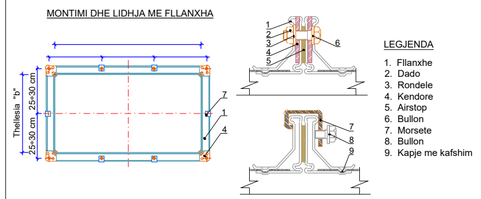
issuer	plan number:	TITULLI / Title:
M	iM-NVAK-11	**AIR DUCT DISTRIBUTION LAYOUT FLOOR PLAN +3**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

DETAJE MONTIMI

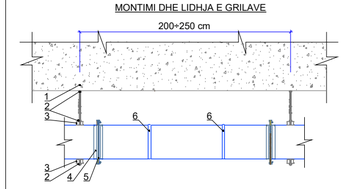
MONTIMI DHE LIDHJA ME FLLANXHA



LEGJENDA

1. Fllanxhe
2. Dado
3. Rondele
4. Kendore
5. Airstop
6. Bullon
7. Morsete
8. Bullon
9. Kapje me kafshim

MONTIMI DHE LIDHJA E GRILAVE



1 - UP METALIKE BETONI
2 - DADO MBERTHYESE
3 - PROFIL METALIK
4 - FLLANXHE METALIKE
5 - HERMETIZUES
6 - BRINJE PERFORCUESE
5 - BRINJE PERFORCUESE

LEGJENDA

- Rekuperator nxhetesie
- Grile shiu ne shkarkim
- Grile shiu ne thithje
- Grile ne dhenie
- Grile ne rikthim
- Kanal ajri ne dhenie
- Kanal ajri ne rikthim

SHËNIM

1. Llamarina xingato me te cilen do te prodhohen kanalet e ajrit duhe te jete e galvanizuar ne te nxhehte dhe trashesia e veshjes se zingut duhet te jete minimalisht sipas BS EN ISO 12944: Part 2, duhet te jete minimumi 200µm (mikron), referuar kategorise se mjedisit C4, per ambiente me permbajtje te larte lageshtije dhe intensitet te larte korozioni.
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3. Kanalet e ajrit kuadratik duhe te jene me brinje perforcuese çdo 100 cm, si dhe duhet te kapen me fllanxha 20-25 mm, ne distanca jo me shum se 200 cm.
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6. Te gjitha nyjet lidhese ne kanalet e ajrit duhet te izolohen me silikon te posaçem per kanalet e ajrit, si dhe te sigurohet qe mos te kete rrjedhje.
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9. Te fiksohen me element mbajtes prixhonier dhe profile me vrima C 40 mm, fiksimi duhet te behet ne distance çdo 200cm si dhe ne brryla etj, per te siguruar stabilitetin mekanik.

TABELA 1		
Ana e gjere e kanalit		*Trashesia e llamarines*
Deri ne	30 cm	δ=0.6 mm
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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

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ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Rais Pehrela	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkid Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-12	**AIR DUCT DISTRIBUTION LAYOUT FLOOR PLAN +4**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

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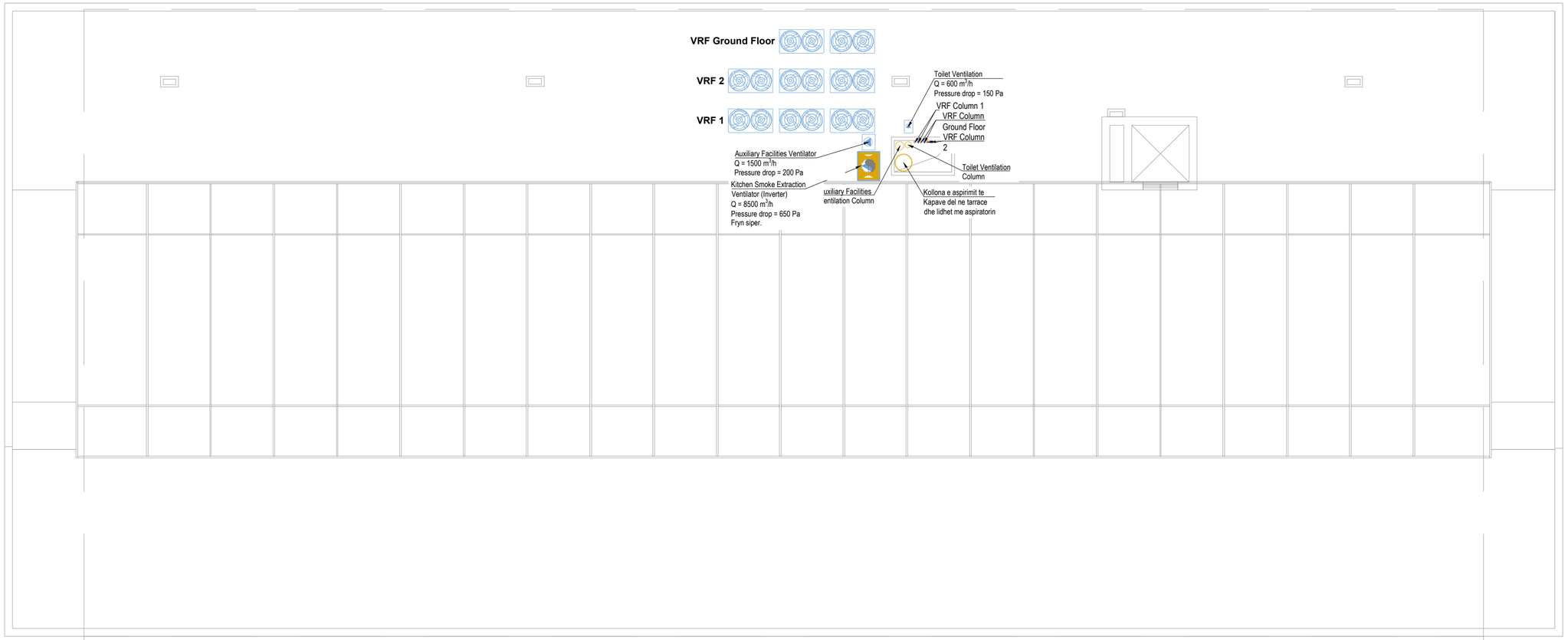
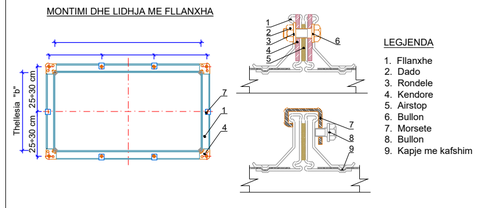
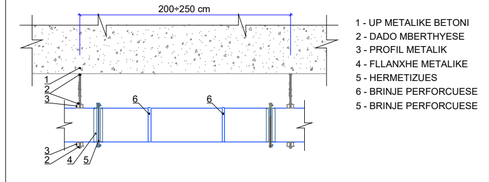


DETAJE MONTIMI

MONTIMI DHE LIDHJA ME FLLANXHA



MONTIMI DHE LIDHJA E GRILAVE



LEGJENDA

- Rekuperator nxhetesie
- Grile shiu ne shkarkim
- Grile shiu ne thithje
- Grile ne dhenie
- Grile ne rikthim
- Kanal ajri ne dhenie
- Kanal ajri ne rikthim

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TABELA 1

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Nga 80 ÷ 120 cm	δ=1.0 mm
Nga 125 ÷ 200 cm	δ=1.2 mm
Mbi 200 cm	δ=1.5 mm

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office / Studio Lokale Arkitekture — Gent Agolli — N.6844
ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture — Ilias Pelinis — N.6732/14
SPHAERA — Local Architecture Office / Studio Lokale Arkitekture — Ajkol Topore — N.4654/14
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruksioni — Arben Dervishi — K.2138/2, N.5628/12
BURHAN TURKESHI, ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ — K.1873/4, M.1174/2
BASHKIM SHAHINAJ, BESART DALLIU — Electrical Engineering / Inxhinieri Elektrik — E.0185/6, E.1412/2

Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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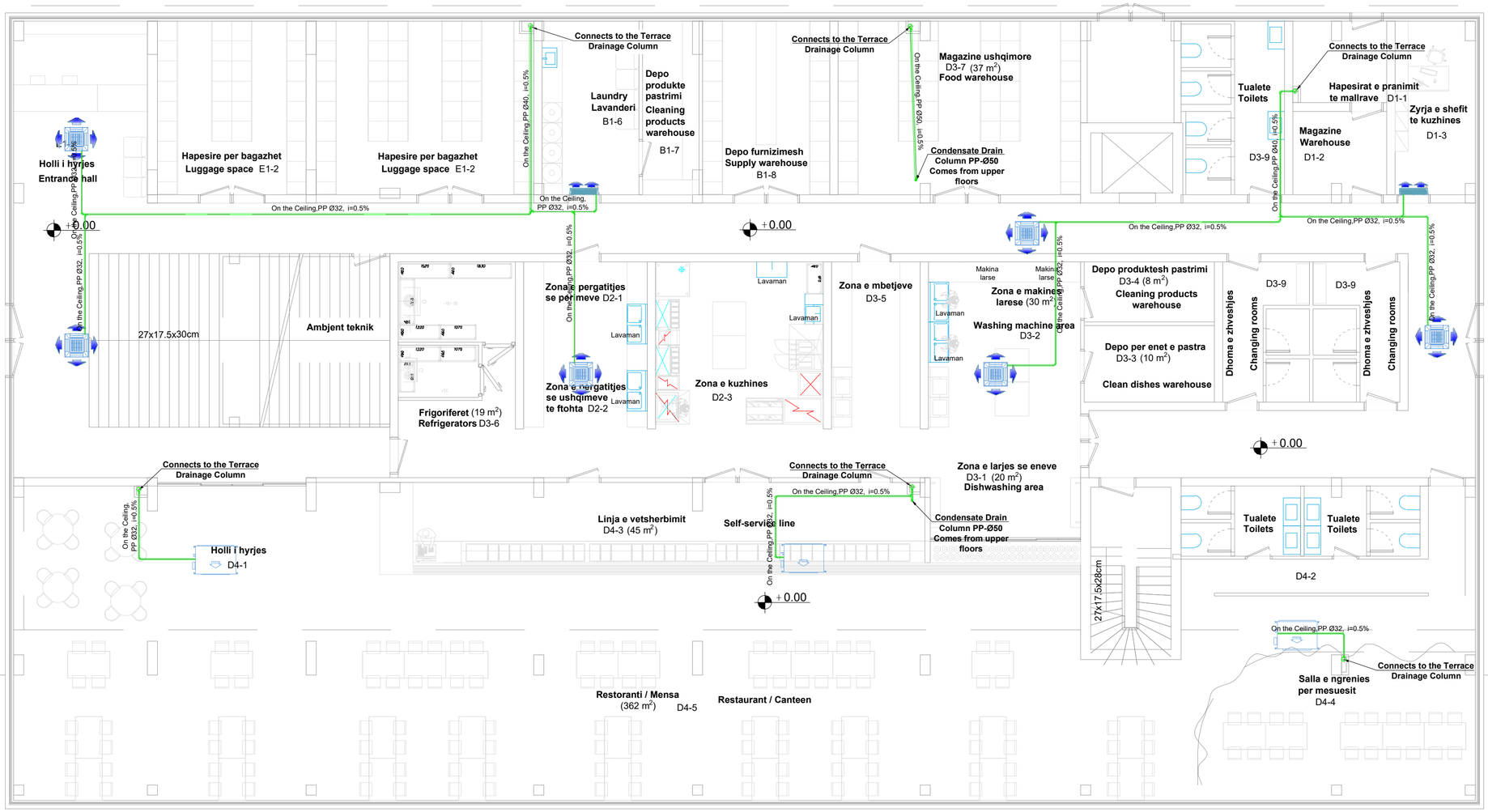
issuer	plan number:	TITULLI / Title:
M	iM-NVAK-13	**POSITIONING OF VENTILATORS ON THE TERRACE.**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2



LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

NOTE:

- Copper pipes must be welded with silver electrodes and in the presence of NITROGEN
- The joining of pipes to each other must be carried out with sleeves or expansion devices, AT NO TIME WITH HEATING THE PIPE AND WITH SURROUNDING MEANS
- Testing of copper pipes after welding must be done with pressurized nitrogen not less than 30 bar for a period of not less than 24 hours
- Copper pipes must be thermally insulated with insulation with a thickness of not less than 19 mm
- Fixing of copper pipes to the ceiling must be carried out at a distance of not more than 200 cm
- The joining of the parts of the thermal insulation between each other must be carried out with mastic and wrapped with adhesive aluminum
- The connection of copper pipes to the equipment must be carried out in full compliance with the equipment guide catalog.
- The fixing of the device to the ceiling must be carried out in full compliance with the equipment instruction catalogue.
- The condensate discharge pipes must be connected to the device pump pipe.

ATTENTION!

THE DIMENSIONING OF THE PIPELINES IN THE PROJECT IS DONE TO CALCULATE THE PREVENTIVE.
THE CONTRACTOR IS OBLIGED TO RE-CALCULATE THE PIPELINES BEFORE BEGINNING THE IMPLEMENTATION OF THE WORKS, ACCORDING TO THE BRAND OF THE EQUIPMENT TO BE SUPPLIED.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
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SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkid Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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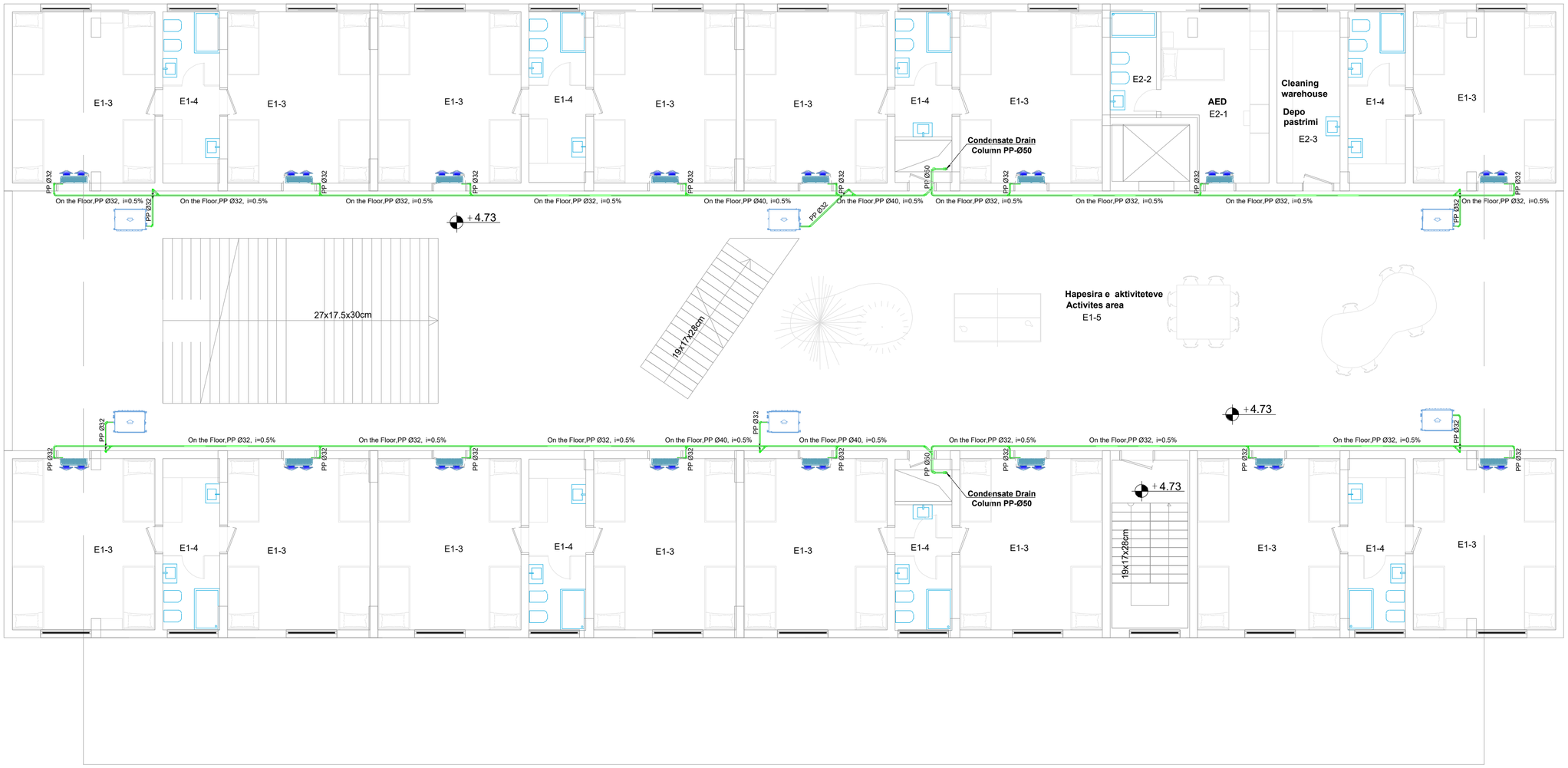
issuer	plan number:	TITULLI / Title:
M	iM-NVAK-14	**CONDENSATE DRAINAGE PRESENTATION FLOOR PLAN 0**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2



LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Rais Pelrela	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkid Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-15	**CONDENSATE DRAINAGE PRESENTATION FLOOR PLAN +1**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

N

LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

NOTE:

- Copper pipes must be welded with silver electrodes and in the presence of NITROGEN
- The joining of pipes to each other must be carried out with sleeves or expansion devices, AT NO TIME WITH HEATING THE PIPE AND WITH SURROUNDING MEANS
- Testing of copper pipes after welding must be done with pressurized nitrogen not less than 30 bar for a period of not less than 24 hours
- Copper pipes must be thermally insulated with insulation with a thickness of not less than 19 mm
- Fixing of copper pipes to the ceiling must be carried out at a distance of not more than 200 cm
- The joining of the parts of the thermal insulation between each other must be carried out with mastic and wrapped with adhesive aluminum
- The connection of copper pipes to the equipment must be carried out in full compliance with the equipment guide catalog.
- The fixing of the device to the ceiling must be carried out in full compliance with the equipment instruction catalogue.
- The condensate discharge pipes must be connected to the device pump pipe.

ATTENTION!

THE DIMENSIONING OF THE PIPELINES IN THE PROJECT IS DONE TO CALCULATE THE PREVENTIVE.
THE CONTRACTOR IS OBLIGED TO RE-CALCULATE THE PIPELINES BEFORE BEGINNING THE IMPLEMENTATION OF THE WORKS, ACCORDING TO THE BRAND OF THE EQUIPMENT TO BE SUPPLIED.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office / Studio Lokale Arkitekture — Gent Agolli — N.6844 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.

ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture — Ras Pehxta — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.

SPHAERA — Local Architecture Office / Studio Lokale Arkitekture — Ajkol Topore — N.4654/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.

LORENC BEGAJ
AVE CONSULTING — Construction Studio / Studio Konstruksioni — Arben Dervishi — K.2138/2, N.5628/12 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.

BURHAN TURKESHI
ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ — K.1873/4, M.1174/2 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.

BASHKIM SHAHINAJ
BESART DALLIU — Electrical Engineering / Inxhinieri Elektrik — E.0185/6, E.1412/2 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.

ALL DIMENSIONS HAVE TO BE VERIFIED BY THE CONTRACTOR ON TE CONSTRUCTION SITE

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TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VEND

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-16	**CONDENSATE DRAINAGE PRESENTATION FLOOR PLAN +2**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

NOTE:

- Copper pipes must be welded with silver electrodes and in the presence of NITROGEN
- The joining of pipes to each other must be carried out with sleeves or expansion devices, AT NO TIME WITH HEATING THE PIPE AND WITH SURROUNDING MEANS
- Testing of copper pipes after welding must be done with pressurized nitrogen not less than 30 bar for a period of not less than 24 hours
- Copper pipes must be thermally insulated with insulation with a thickness of not less than 19 mm
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ATTENTION!

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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agoli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ilias Petreta	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkol Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

ALL DIMENSIONS HAVE TO BE VERIFIED BY THE CONTRACTOR ON TE CONSTRUCTION SITE
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TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VEND
E RËNDËSISHME: Këto vizatime janë pronë e iRI, Rruga DERVISH HIMA, nr 8 kati i parë – 1001 TIRANË. Kopjimi, shumëfishimi apo shpërndarja e këtyre vizatimeve (apo pjesëve të tyre) pa lejen me shkrim të iRI është e ndaluar.

issuer	plan number:	TITULLI / Title:
M	iM-NVAK-17	**CONDENSATE DRAINAGE PRESENTATION FLOOR PLAN +3**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

LEGJENDA

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Indoor VRF Unit Wall Mounted
- Branch
- Copper pipe, Liquid refrigerant
- Copper pipe, Gas refrigerant
- PP Pipe

NOTE:

- Copper pipes must be welded with silver electrodes and in the presence of NITROGEN
- The joining of pipes to each other must be carried out with sleeves or expansion devices, AT NO TIME WITH HEATING THE PIPE AND WITH SURROUNDING MEANS
- Testing of copper pipes after welding must be done with pressurized nitrogen not less than 30 bar for a period of not less than 24 hours
- Copper pipes must be thermally insulated with insulation with a thickness of not less than 19 mm
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- The joining of the parts of the thermal insulation between each other must be carried out with mastic and wrapped with adhesive aluminum
- The connection of copper pipes to the equipment must be carried out in full compliance with the equipment guide catalog.
- The fixing of the device to the ceiling must be carried out in full compliance with the equipment instruction catalogue.
- The condensate discharge pipes must be connected to the device pump pipe.

ATTENTION!

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THE CONTRACTOR IS OBLIGED TO RE-CALCULATE THE PIPELINES BEFORE BEGINNING THE IMPLEMENTATION OF THE WORKS, ACCORDING TO THE BRAND OF THE EQUIPMENT TO BE SUPPLIED.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ras Petrela	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkol Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-NVAK-18	**CONDENSATE DRAINAGE PRESENTATION FLOOR PLAN +4**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

MECHANICAL INSTALLATIONS

BUILDING: Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

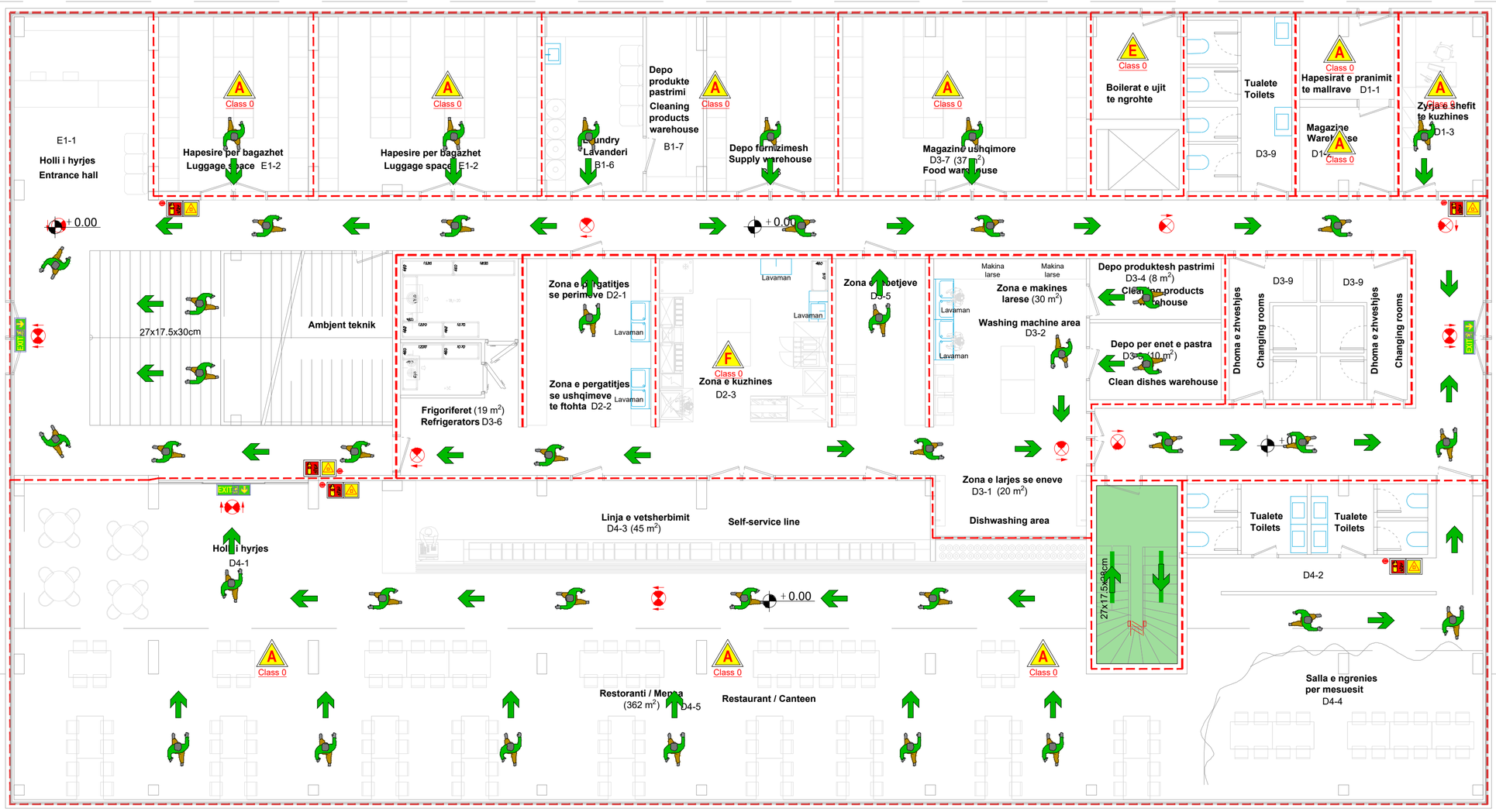
SYSTEM FIREFIGHTING SYSTEM (FFS)
- Evacuation Plan and Signaling

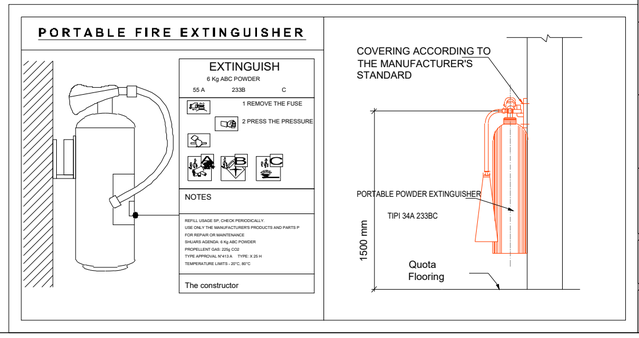
CLIENT: ALBANIAN DEVELOPMENT FUND

DESIGNED:

Studio Arkitekture
Gent Agolli

2026





LEGJENDA/ Legenda:

- 1 Hour Fire Resistant Door
- 1 Hour Fire Resistance Wall
- Exit direction sign illuminated on 2 sides
- Exit direction sign illuminated on 1 sides
- Fire-protected ladder cage
- Portable chemical gas fire extinguisher
- CO2 gas fire extinguisher
- Wet chemical fire extinguisher
- Fire Extinguishing
- Free Exit Route
- Stair Climbing Table
- Tables Discount Stairs
- Fire Extinguishing Prohibition Signs with Water
- High Voltage Warning Signs

CLASSIFICATION OF FIRE CLASSES

- A — Fire from Solid Materials
- B — Fire from Liquid Materials
- E — Fire from Electrical Equipment
- F — Fire from Cooking Oil

- Class 0, includes non-combustible materials;
- Class 1, includes non-combustible combustible materials;
- Class 2, includes fire-resistant combustible materials;
- Class 3, includes combustible combustible materials;
- Class 4, includes easily flammable combustible materials;
- Class 5, includes highly flammable combustible materials.

SHËNIME/ Notes:

- The signs used in the project are in accordance with Order No. 424, Date 24.07.2015.
- The categorization of classes according to the degree of durability and fire hazard of materials is made in accordance with Instruction No. 27, date 16.1.2017, point 6.
- The assessment of fire resistance in materials of constructions/buildings is made in accordance with Instruction No. 27, date 16.1.2017, point 7. as well as VKM No. 699 date 22.10.2004, Chapter II, point 6.1
- The signs and symbols used in the drawings are based on instruction, no. 425, dated 24.7.2015, on the acceptance, administration of technical and graphic documentation of the fire protection and rescue project and issuance of technical acts
- The classification of the facility depending on the destination and the number of beds is made in accordance with VKM No. 699 dated 22.10.2004, point 3 All the above points have been implemented in the technical documentation, drawings and technical reports, so that the complete file of the fire protection and rescue project is one in accordance with the requirements for submitting documentation according to Instruction No. 425, Date 24.07.2015, which comes in support of Law No. 152 / 2015 ON FIRE PROTECTION AND RESCUE SERVICE.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ras Petrela	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkol Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-MNZ-S-01	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN 0**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

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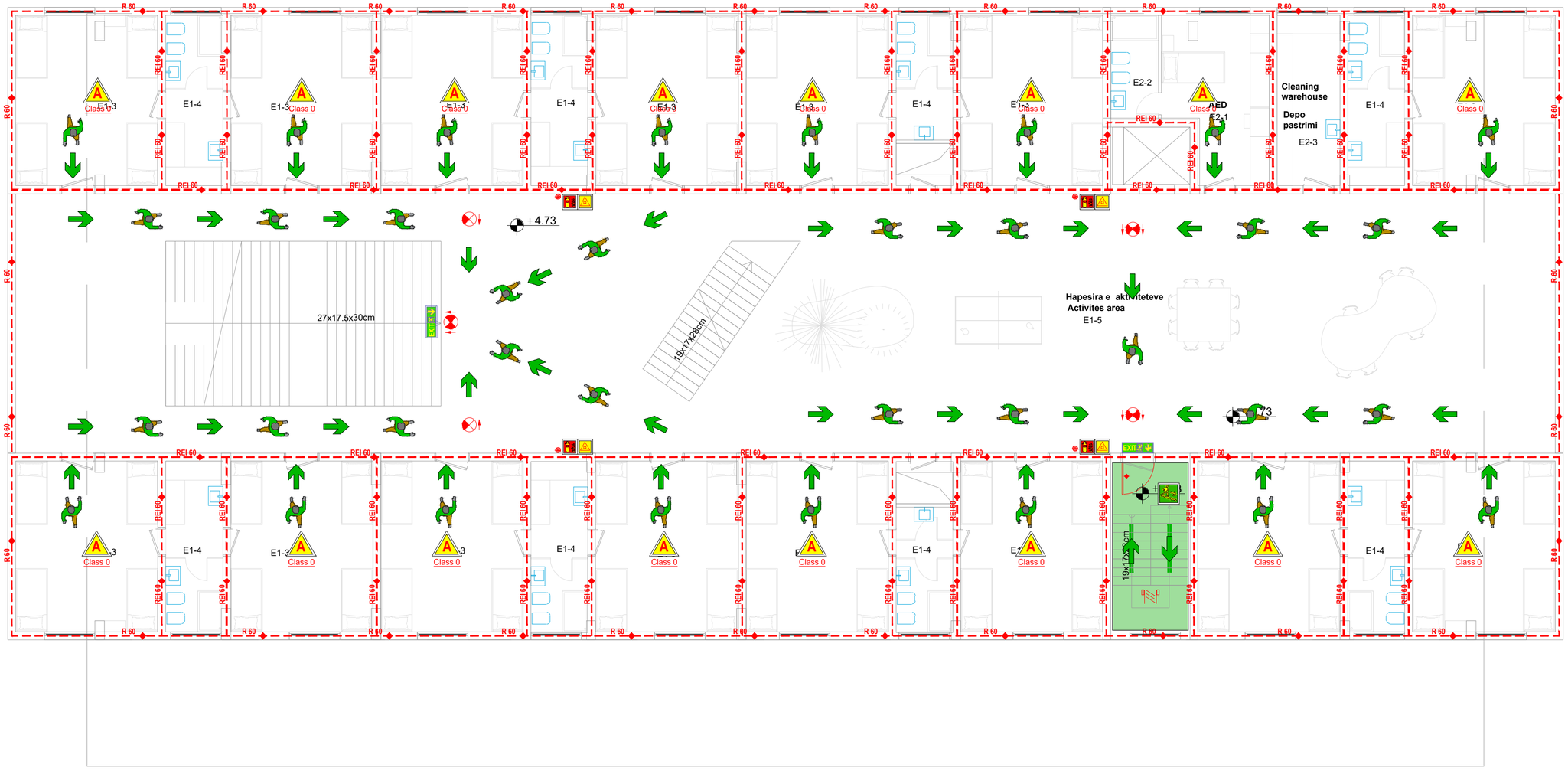

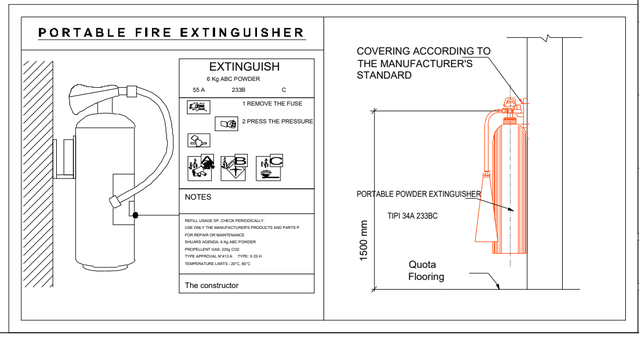

LEGJENDA/ Legenda:

- 1 Hour Fire Resistant Door
- 1 Hour Fire Resistance Wall
- Exit direction sign illuminated on 2 sides
- Exit direction sign illuminated on 1 sides
- Fire-protected ladder cage
- Portable chemical gas fire extinguisher
- CO2 gas fire extinguisher
- Wet chemical fire extinguisher
- Fire Extinguishing
- Free Exit Route
- Stair Climbing Table
- Tables Discount Stairs
- Fire Extinguishing Prohibition Signs with Water
- High Voltage Warning Signs

CLASSIFICATION OF FIRE CLASSES

- A — Fire from Solid Materials
- B — Fire from Liquid Materials
- E — Fire from Electrical Equipment
- F — Fire from Cooking Oil

- Class 0, includes non-combustible materials;
- Class 1, includes non-combustible combustible materials;
- Class 2, includes fire-resistant combustible materials;
- Class 3, includes combustible combustible materials;
- Class 4, includes easily flammable combustible materials;
- Class 5, includes highly flammable combustible materials.

SHËNIME/ Notes:

- The signs used in the project are in accordance with Order No. 424, Date 24.07.2015.
- The categorization of classes according to the degree of durability and fire hazard of materials is made in accordance with Instruction No. 27, date 16.1.2017, point 6.
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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office, Studio Lokale Arkitekture, Gent Agolli (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office, Studio Lokale Arkitekture, Ilias Petreta (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office, Studio Lokale Arkitekture, Ajkol Topore (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** — Construction Studio, Studio Konstruksioni, Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** — Hydro-Mechanical Engineering, Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** — Electrical Engineering, Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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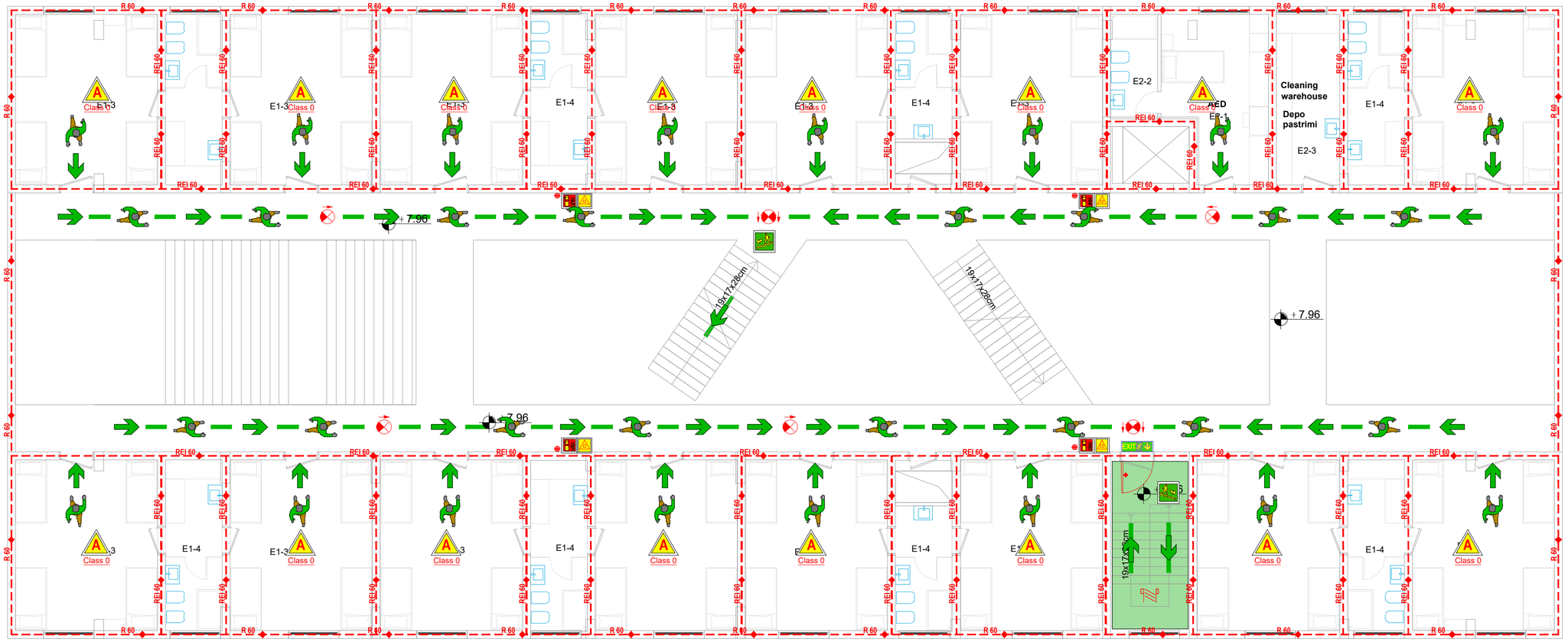
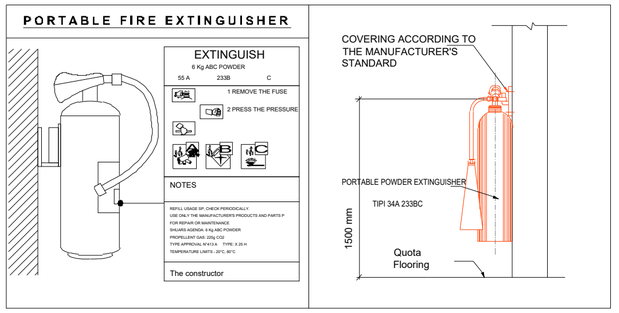
E RËNDËSISHME: Këto vizatime janë pronë e iRI, Rruga DERVISH HIMA, nr 8 kati i parë – 1001 TIRANË. Kopjimi, shumëfishimi apo shpërndarja e këtyre vizatimeve (apo pjesëve të tyre) pa lejen me shkrim të iRI është e ndaluar.

issuer	plan number:	TITULLI / Title:
M	iM-MNZ-S-02	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN +1**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2



PORTABLE FIRE EXTINGUISHER



LEGJENDA/ Legenda:

- 1 Hour Fire Resistant Door
- 1 Hour Fire Resistance Wall
- Exit direction sign illuminated on 2 sides
- Exit direction sign illuminated on 1 sides
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- Portable chemical gas fire extinguisher
- CO2 gas fire extinguisher
- Wet chemical fire extinguisher
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SHËNIME/ Notes:

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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VËND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VËND) Rais Peleta	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VËND) Ajkol Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-MNZ-S-03	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN +2**

Faza:	data:	shkalla e vizatimit:	formati:
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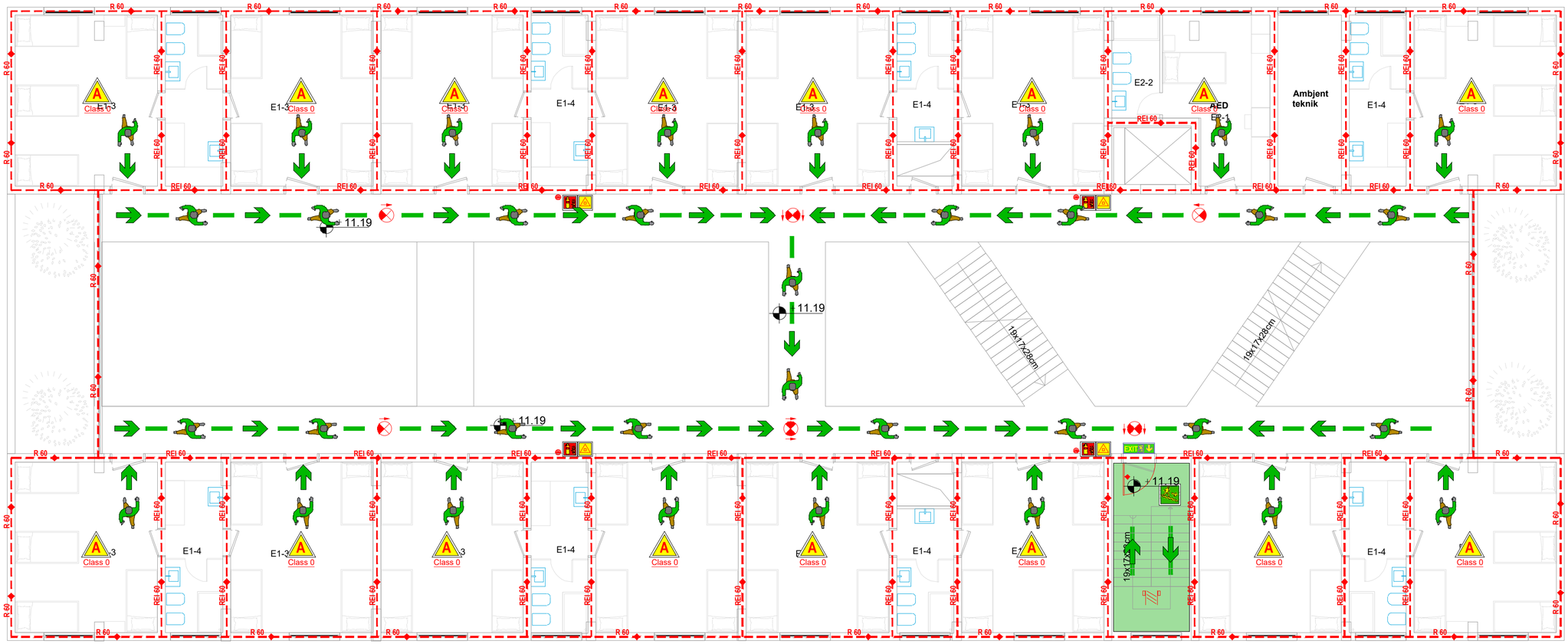
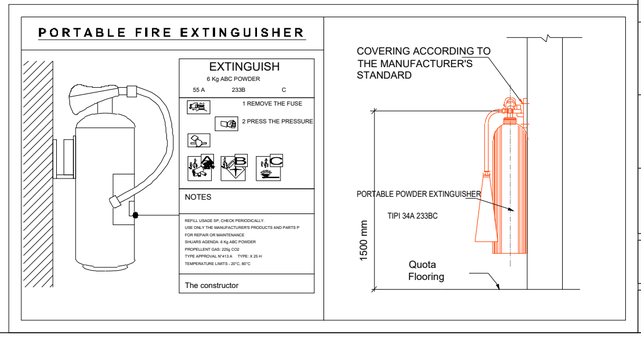


PORTABLE FIRE EXTINGUISHER



LEGJENDA/ Legenda:

- 1 Hour Fire Resistant Door
- 1 Hour Fire Resistance Wall
- Exit direction sign illuminated on 2 sides
- Exit direction sign illuminated on 1 sides
- Fire-protected ladder cage
- Portable chemical gas fire extinguisher
- CO2 gas fire extinguisher
- Wet chemical fire extinguisher
- Fire Extinguishing
- Free Exit Route
- Stair Climbing Table
- Tables Discount Stairs
- Fire Extinguishing Prohibition Signs with Water
- High Voltage Warning Signs

CLASSIFICATION OF FIRE CLASSES

- A — Fire from Solid Materials
- B — Fire from Liquid Materials
- E — Fire from Electrical Equipment
- F — Fire from Cooking Oil

- Class 0, includes non-combustible materials;
- Class 1, includes non-combustible combustible materials;
- Class 2, includes fire-resistant combustible materials;
- Class 3, includes combustible combustible materials;
- Class 4, includes easily flammable combustible materials;
- Class 5, includes highly flammable combustible materials.

SHËNIME/ Notes:

- The signs used in the project are in accordance with Order No. 424, Date 24.07.2015.
- The categorization of classes according to the degree of durability and fire hazard of materials is made in accordance with Instruction No. 27, date 16.1.2017, point 6.
- The assessment of fire resistance in materials of constructions/buildings is made in accordance with Instruction No. 27, date 16.1.2017, point 7. as well as VKM No. 699 date 22.10.2004, Chapter II, point 6.1
- The signs and symbols used in the drawings are based on instruction, no. 425, dated 24.7.2015, on the acceptance, administration of technical and graphic documentation of the fire protection and rescue project and issuance of technical acts
- The classification of the facility depending on the destination and the number of beds is made in accordance with VKM No. 699 dated 22.10.2004, point 3 All the above points have been implemented in the technical documentation, drawings and technical reports, so that the complete file of the fire protection and rescue project is one in accordance with the requirements for submitting documentation according to Instruction No. 425, Date 24.07.2015, which comes in support of Law No. 152 / 2015 ON FIRE PROTECTION AND RESCUE SERVICE.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office / Studio Lokale Arkitekture / Gent Agolli (LOC) (VËND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture / Rais Petrela (LOC) (VËND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office / Studio Lokale Arkitekture / Ajtol Tupore (LOC) (VËND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruksioni / Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering / Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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E RËNDËSISHME: Këto vizatime janë pronë e IRI, Rruga DERVISH HIMA, nr 8 kati i parë – 1001 TIRANË. Kopjimi, shumëfishimi apo shpërndarja e këtyre vizatimeve (apo pjesëve të tyre) pa lejen me shkrim të IRI është e ndaluar.

issuer	plan number:	TITULLI / Title:
M	iM-MNZ-S-04	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN +3**

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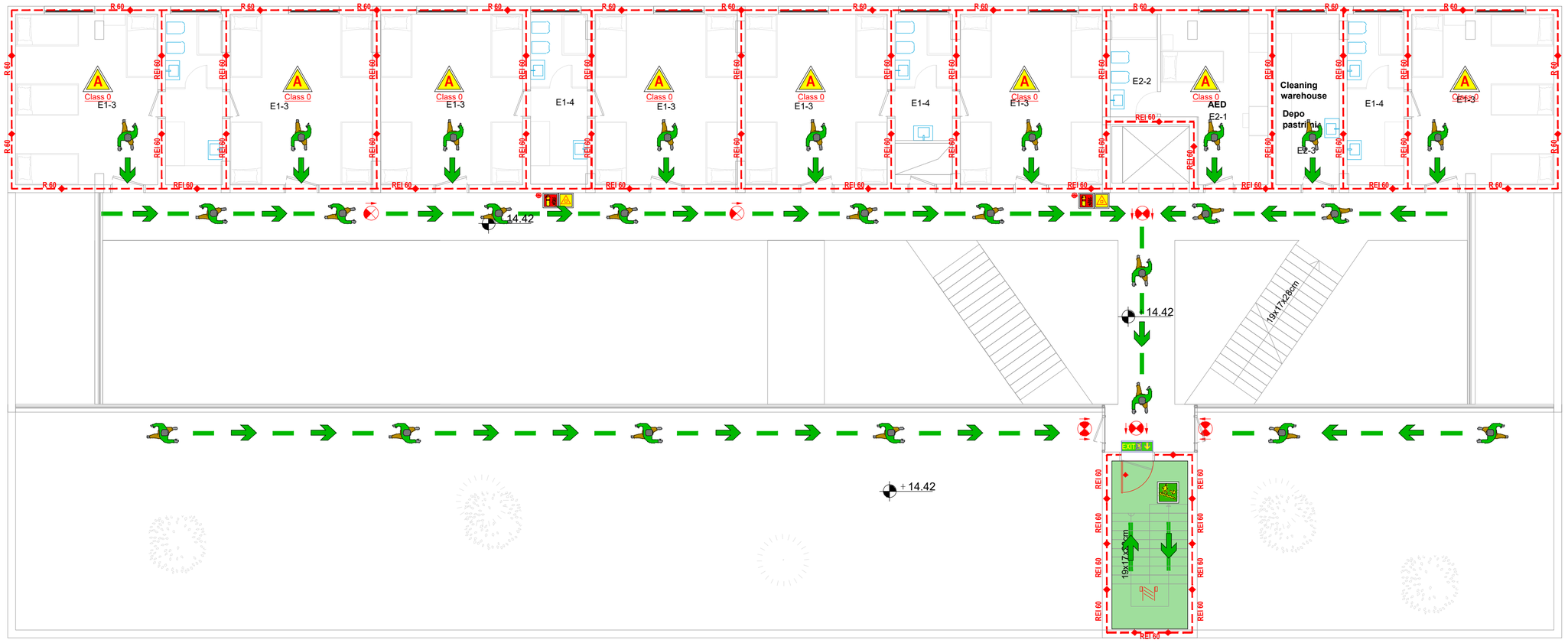

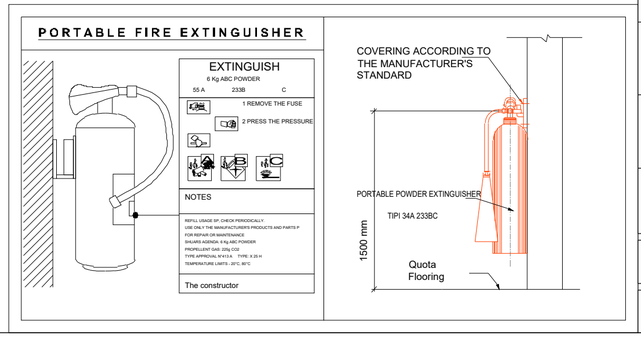

LEGJENDA/ Legenda:

- 1 Hour Fire Resistant Door
- 1 Hour Fire Resistance Wall
- Exit direction sign illuminated on 2 sides
- Exit direction sign illuminated on 1 sides
- Fire-protected ladder cage
- Portable chemical gas fire extinguisher
- CO2 gas fire extinguisher
- Wet chemical fire extinguisher
- Fire Extinguishing
- Free Exit Route
- Stair Climbing Table
- Tables Discount Stairs
- Fire Extinguishing Prohibition Signs with Water
- High Voltage Warning Signs

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- A — Fire from Solid Materials
- B — Fire from Liquid Materials
- E — Fire from Electrical Equipment
- F — Fire from Cooking Oil

- Class 0, includes non-combustible materials;
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- Class 2, includes fire-resistant combustible materials;
- Class 3, includes combustible combustible materials;
- Class 4, includes easily flammable combustible materials;
- Class 5, includes highly flammable combustible materials.

SHËNIME/ Notes:

- The signs used in the project are in accordance with Order No. 424, Date 24.07.2015.
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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Rais Petreta	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajtez Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-MNZ-S-05	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN +4**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

MECHANICAL INSTALLATIONS

BUILDING: Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

SYSTEM FIREFIGHTING SYSTEM (FFS)
- Fire Brigade Access Plan

CLIENT: ALBANIAN DEVELOPMENT FUND

DESIGNED:

Studio Arkitekture
Gent Agolli

2026

LEGJENDA/ Legenda:

- Fire Truck
- Passage Road
- Direction of Movement for the Fire Truck
- Collection Point
- Free Movement of People Direction

SHENIME/ Notes:

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office (LOC) / Studio Lokale Arkitekture (VEND) — Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office (LOC) / Studio Lokale Arkitekture (VEND) — Ilira Peleva	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office (LOC) / Studio Lokale Arkitekture (VEND) — Adrit Tupina	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruksioni — Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinier Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering / Inxhinier Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	IM-MNZ-S-PS	**FIRE PROTECTION SYSTEM, FIRE BRIGADE ACCESS PLAN**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:250	A1

MECHANICAL INSTALLATIONS

BUILDING: Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

SYSTEM FIREFIGHTING SYSTEM (FFS)
- Hydrant System

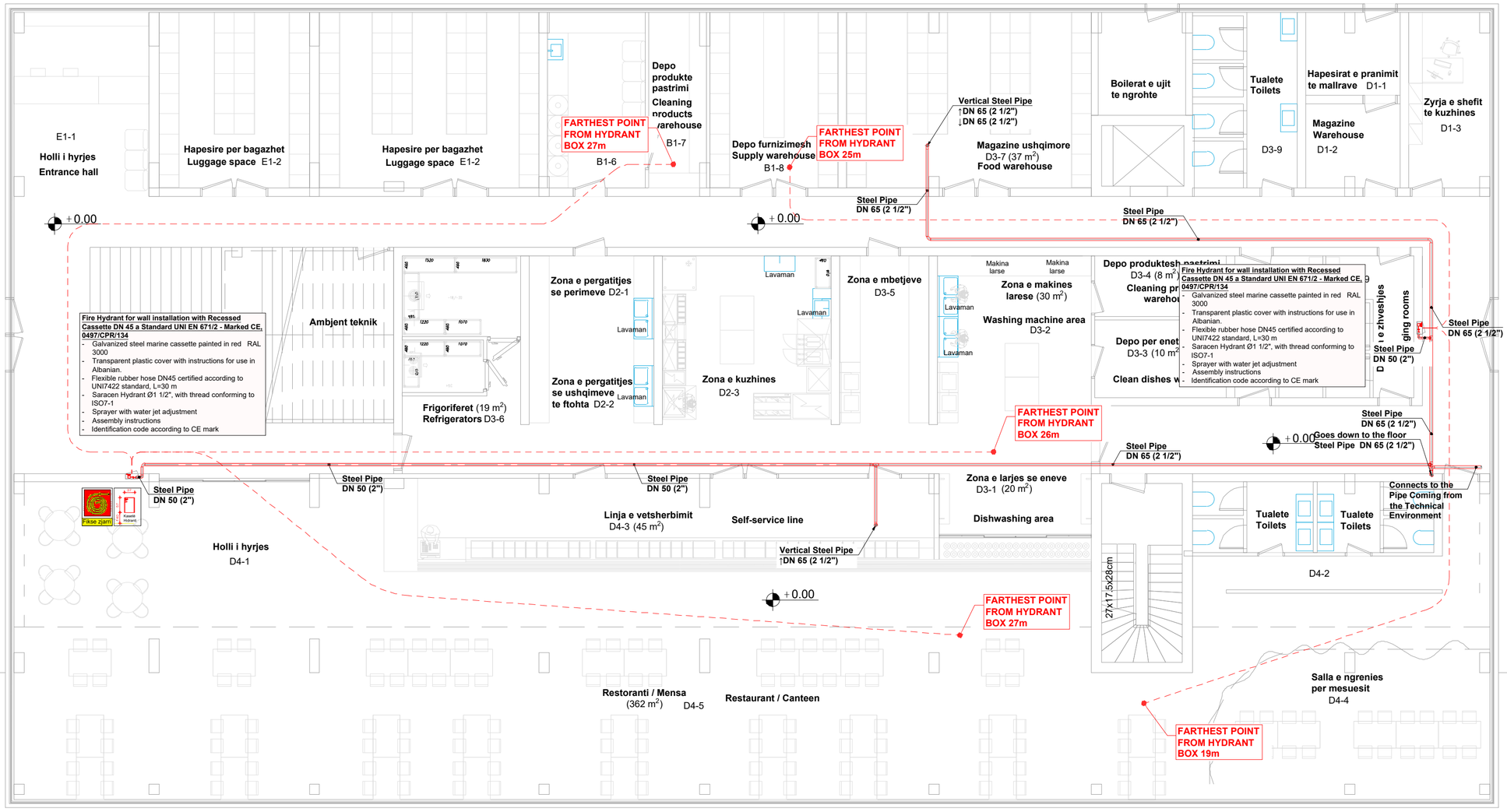
CLIENT: ALBANIAN DEVELOPMENT FUND

DESIGNED:

Studio Arkitekture
Gent Agolli

2026

Kati perdhe / Ground floor



LEGJENDA/ Legenda:

— Steel Pipe for Hydrant System

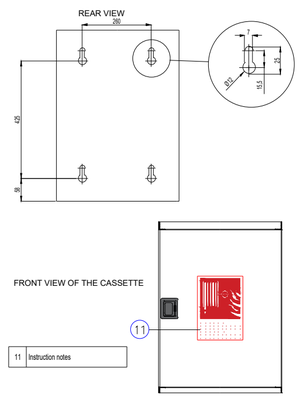
— Vertical Column of Hydrants

— Wall hydrant cassette

SHËNIME/ Notes:

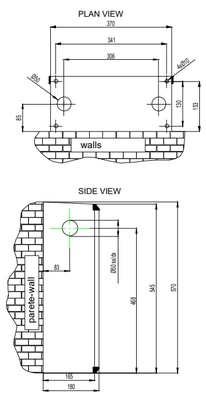
-All fire system installations shall be made of black seamless steel pipes (Mannesman) medium series,
-painted in red RAL 3000, complete with grip and fastening accessories;
-The motor pump cassette shall be placed in the position shown in the projects and shall comply with the technical specifications;
-The testing of welded joints shall be carried out in accordance with the norms and
standards in force, based on the testing methodology which shall be compiled by the contractor and approved by the supervisor before the start of any type of testing.
-The internal hydrant cassettes shall be of the recessed type according to the technical specifications.

WALL HYDRANT FOR INDOOR MOUNTING



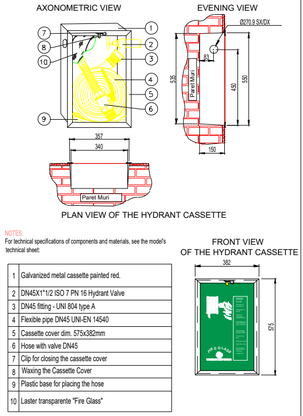
OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING

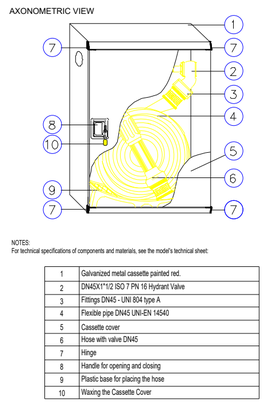


NOTES:
For technical specifications of components and materials, see the model's technical sheet:

1	Galvanized metal cassette painted red.
2	DN45X1"1/2 ISO 7 PN 16 Hydrant Valve
3	DN45 fitting - UNI 804 type A
4	Flexible pipe DN45 UNI-EN 14540
5	Cassette cover dim. 575x382mm
6	Hose with valve DN45
7	Clip for closing the cassette cover
8	Waxing the Cassette Cover
9	Plastic base for placing the hose
10	Laster transparente "Fire Glass"

WALL HYDRANT INCORPORATED DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



NOTES:
For technical specifications of components and materials, see the model's technical sheet:

1	Galvanized metal cassette painted red.
2	DN45X1"1/2 ISO 7 PN 16 Hydrant Valve
3	Fittinga DN45 - UNI 804 type A
4	Flexible pipe DN45 UNI-EN 14540
5	Cassette cover
6	Hose with valve DN45
7	Hinge
8	Handle for opening and closing
9	Plastic base for placing the hose
10	Waxing the Cassette Cover

OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office / Studio Lokale Arkitekture / Gent Agolli (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture / Ilias Peteva (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office / Studio Lokale Arkitekture / Ajkol Topore (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruksioni / Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
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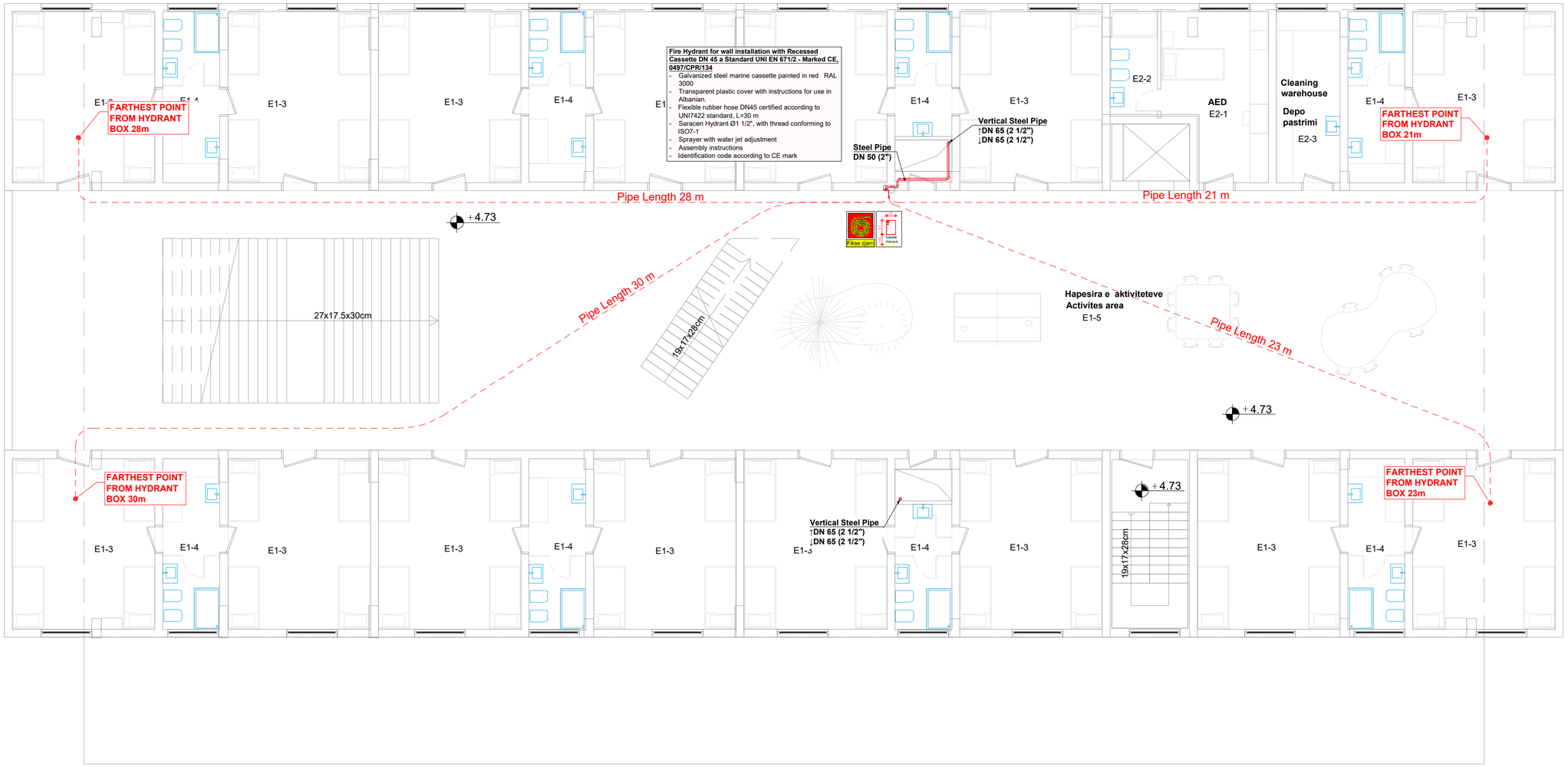
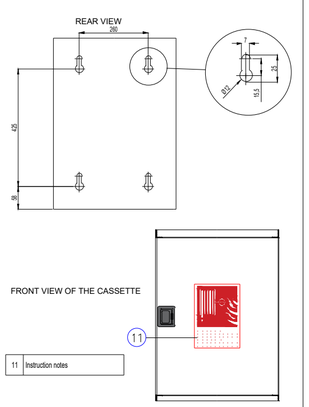
issuer	plan number:	TITULLI / Title:
M	iM-MNZ-H-01	FIREFIGHTING SYSTEM, DIMENSIONING OF THE HYDRANT SYSTEM, FLOOR PLAN 0

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

Kati +1 / Floor +1

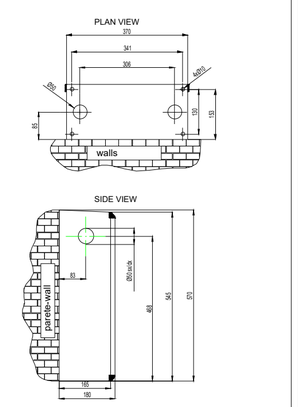


WALL HYDRANT FOR INDOOR MOUNTING



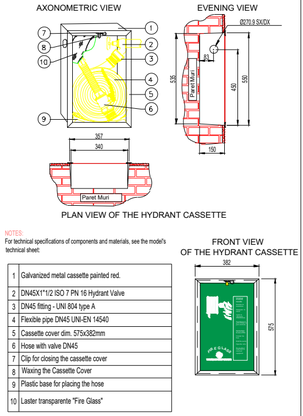
OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING

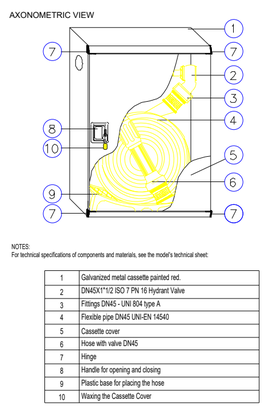


NOTES:
For technical specifications of components and materials, see the model's technical sheet:

1	Galvanized metal cassette painted red.
2	DN45X1"1/2 ISO 7 PN 16 Hydrant Valve
3	DN45 fitting - UNI 804 type A
4	Flexible pipe DN45 UNI-EN 14540
5	Cassette cover dim. 575x382mm
6	Hose with valve DN45
7	Clip for closing the cassette cover
8	Waxing the Cassette Cover
9	Plastic base for placing the hose
10	Laster transparente "Fire Glass"

WALL HYDRANT INCORPORATED DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



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5	Cassette cover
6	Hose with valve DN45
7	Hinge
8	Handle for opening and closing
9	Plastic base for placing the hose
10	Waxing the Cassette Cover

OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

LEGJENDA/ Legenda:

— Steel Pipe for Hydrant System

— Vertical Column of Hydrants

— Wall hydrant cassette

SHËNIME/ Notes:

-All fire system installations shall be made of black seamless steel pipes (Mannesman) medium series,
-painted in red RAL 3000, complete with grip and fastening accessories;
-The motor pump cassette shall be placed in the position shown in the projects and shall comply with the technical specifications;
-The testing of welded joints shall be carried out in accordance with the norms and
standards in force, based on the testing methodology which shall be compiled by the contractor and approved by the supervisor before the start of any type of testing.
-The internal hydrant cassettes shall be of the recessed type according to the technical specifications.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office / Studio Lokale Arkitekture / Gent Agoli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture / Rais Peheta	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office / Studio Lokale Arkitekture / Ajkol Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruksion / Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering / Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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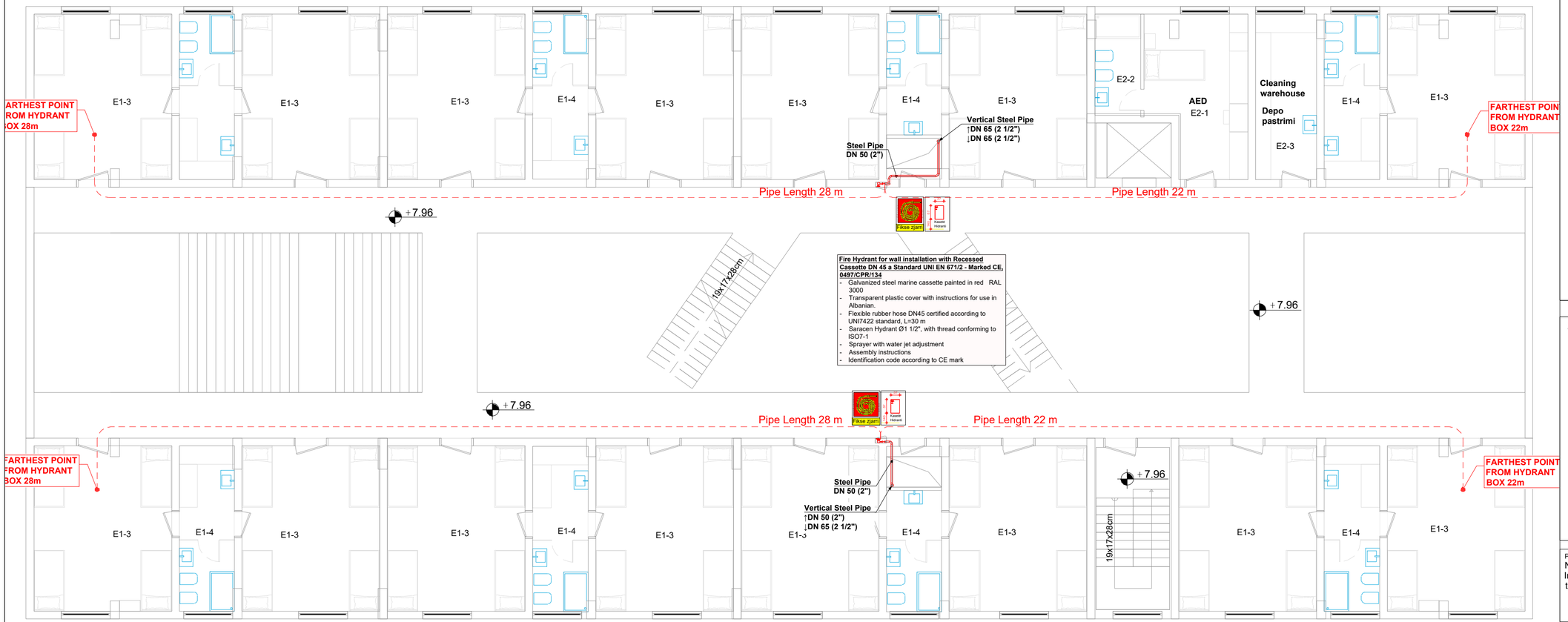
E RËNDËSISHME: Këto vizatime janë pronë e iRI, Rruga DERVISH HIMA, nr 8 kati i parë – 1001 TIRANË, Kopjimi, shumëfishimi apo shpërndarja e këtyre vizatimeve (apo pjesëve të tyre) pa lejen me shkrim të iRI është e ndaluar.

issuer	plan number:	TITULLI / Title:
M	iM-MNZ-H-02	FIREFIGHTING SYSTEM, DIMENSIONING OF THE HYDRANT SYSTEM, FLOOR PLAN +1

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

Kati +2 / Floor +2



LEGJENDA/ Legenda:

- Steel Pipe for Hydrant System
- Vertical Column of Hydrants
- Wall hydrant cassette

SHËNIME/ Notes:

-All fire system installations shall be made of black seamless steel pipes (Mannesman) medium series,
-painted in red RAL 3000, complete with grip and fastening accessories;
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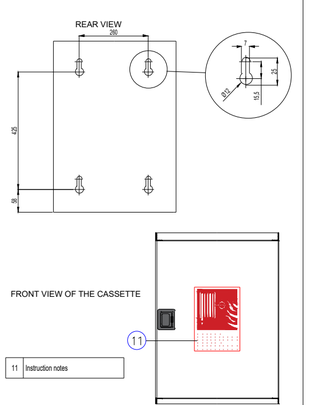
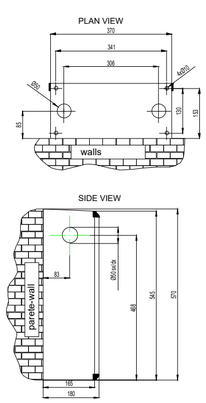
-The testing of welded joints shall be carried out in accordance with the norms and
standards in force, based on the testing methodology which shall be compiled by the contractor and approved by the supervisor before the start of any type of testing.
-The internal hydrant cassettes shall be of the recessed type according to the technical specifications.

WALL HYDRANT FOR INDOOR MOUNTING



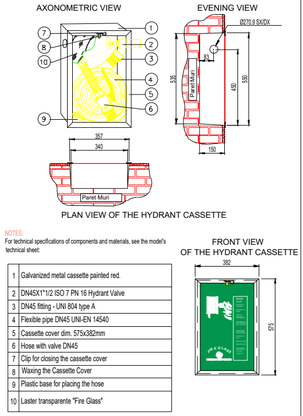
OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING

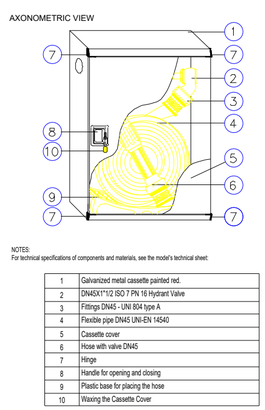


NOTES:
For technical specifications of components and materials, see the model's technical sheet:

1	Galvanized metal cassette painted red.
2	DN45X1"1/2 ISO 7 PN 16 Hydrant Valve
3	DN45 fitting - UNI 804 type A
4	Flexible pipe DN45 UNI-EN 14540
5	Cassette cover dim. 575x382mm
6	Hose with valve DN45
7	Clip for closing the cassette cover
8	Waxing the Cassette Cover
9	Plastic base for placing the hose
10	Laster transparente "Fire Glass"

WALL HYDRANT INCORPORATED DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



NOTES:
For technical specifications of components and materials, see the model's technical sheet:

1	Galvanized metal cassette painted red.
2	DN45X1"1/2 ISO 7 PN 16 Hydrant Valve
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4	Flexible pipe DN45 UNI-EN 14540
5	Cassette cover
6	Hose with valve DN45
7	Hinge
8	Handle for opening and closing
9	Plastic base for placing the hose
10	Waxing the Cassette Cover

OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office Studio Lokale Arkitekture Gent Agolli (LOC) (VENDI)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office Studio Lokale Arkitekture Rais Peteia (LOC) (VENDI)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office Studio Lokale Arkitekture Ajkol Topore (LOC) (VENDI)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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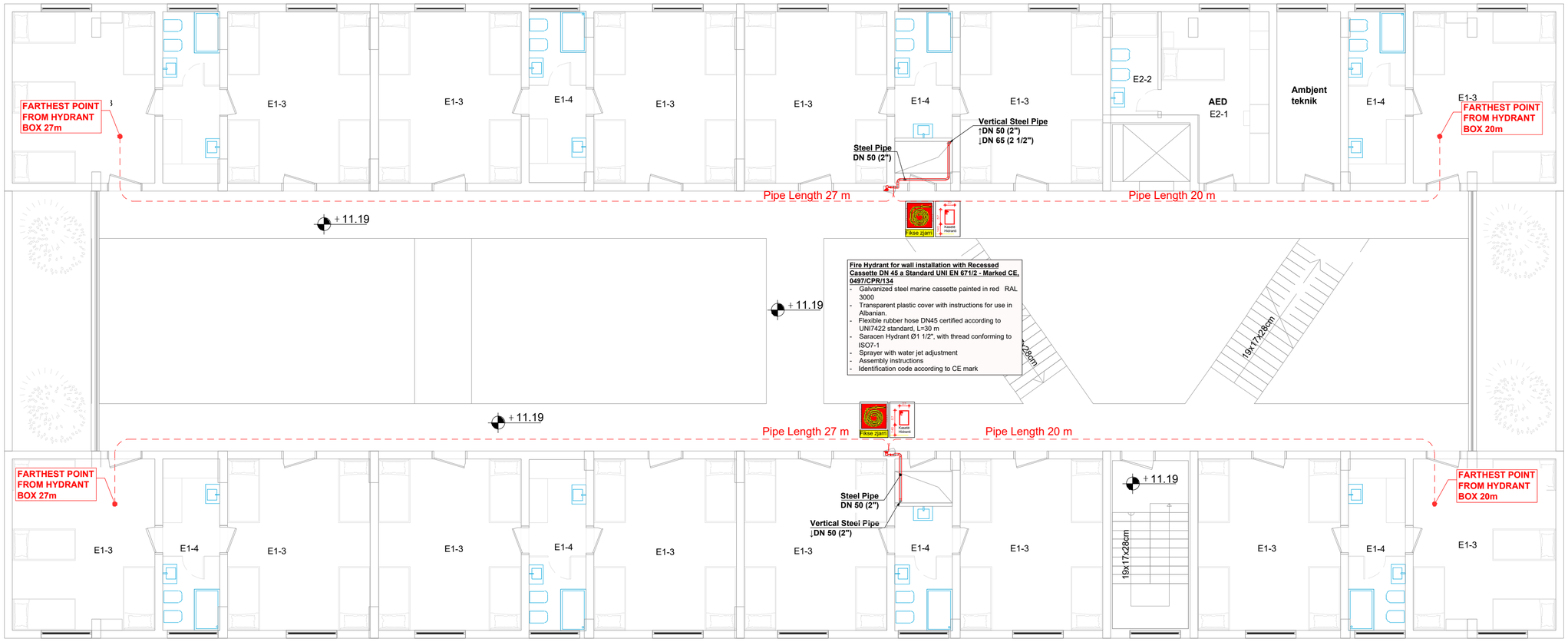
issuer	plan number:	TITULLI / Title:
M	iM-MNZ-H-03	**FIREFIGHTING SYSTEM, DIMENSIONING OF THE HYDRANT SYSTEM, FLOOR PLAN +2**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

Kati +3 / Floor +3



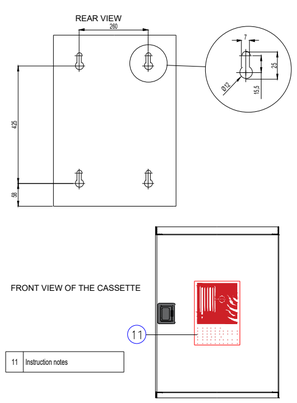
LEGJENDA/ Legenda:

- Steel Pipe for Hydrant System
- Vertical Column of Hydrants
- Wall hydrant cassette

SHËNIME/ Notes:

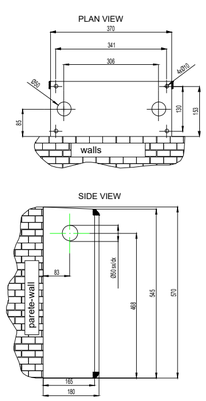
-All fire system installations shall be made of black seamless steel pipes (Mannesman) medium series,
-painted in red RAL 3000, complete with grip and fastening accessories;
-The motor pump cassette shall be placed in the position shown in the projects and shall comply with the technical specifications;
-The testing of welded joints shall be carried out in accordance with the norms and
standards in force, based on the testing methodology which shall be compiled by the contractor and approved by the supervisor before the start of any type of testing.
-The internal hydrant cassettes shall be of the recessed type according to the technical specifications.

WALL HYDRANT FOR INDOOR MOUNTING



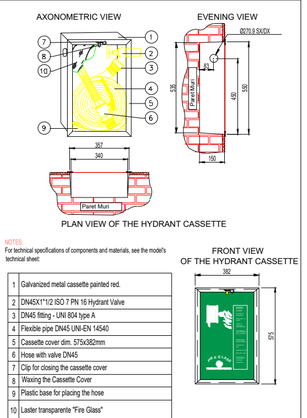
OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING

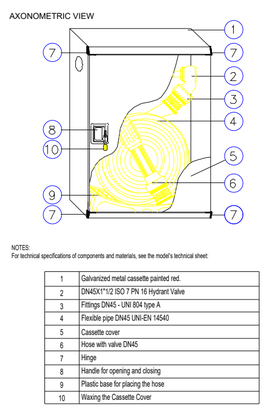


NOTES:
For technical specifications of components and materials, see the model's technical sheet:

1	Galvanized metal cassette painted red.
2	DN45X1"1/2 ISO 7 PN 16 Hydrant Valve
3	DN45 fitting - UNI 804 type A
4	Flexible pipe DN45 UNI-EN 14540
5	Cassette cover dim. 575x382mm
6	Hose with valve DN45
7	Clip for closing the cassette cover
8	Waxing the Cassette Cover
9	Plastic base for placing the hose
10	Laster transparente "Fire Glass"

WALL HYDRANT INCORPORATED DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



NOTES:
For technical specifications of components and materials, see the model's technical sheet:

1	Galvanized metal cassette painted red.
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4	Flexible pipe DN45 UNI-EN 14540
5	Cassette cover
6	Hose with valve DN45
7	Hinge
8	Handle for opening and closing
9	Plastic base for placing the hose
10	Waxing the Cassette Cover

OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ilias Peteza	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajtaj Topuve	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

ALL DIMENSIONS HAVE TO BE VERIFIED BY THE CONTRACTOR ON TE CONSTRUCTION SITE
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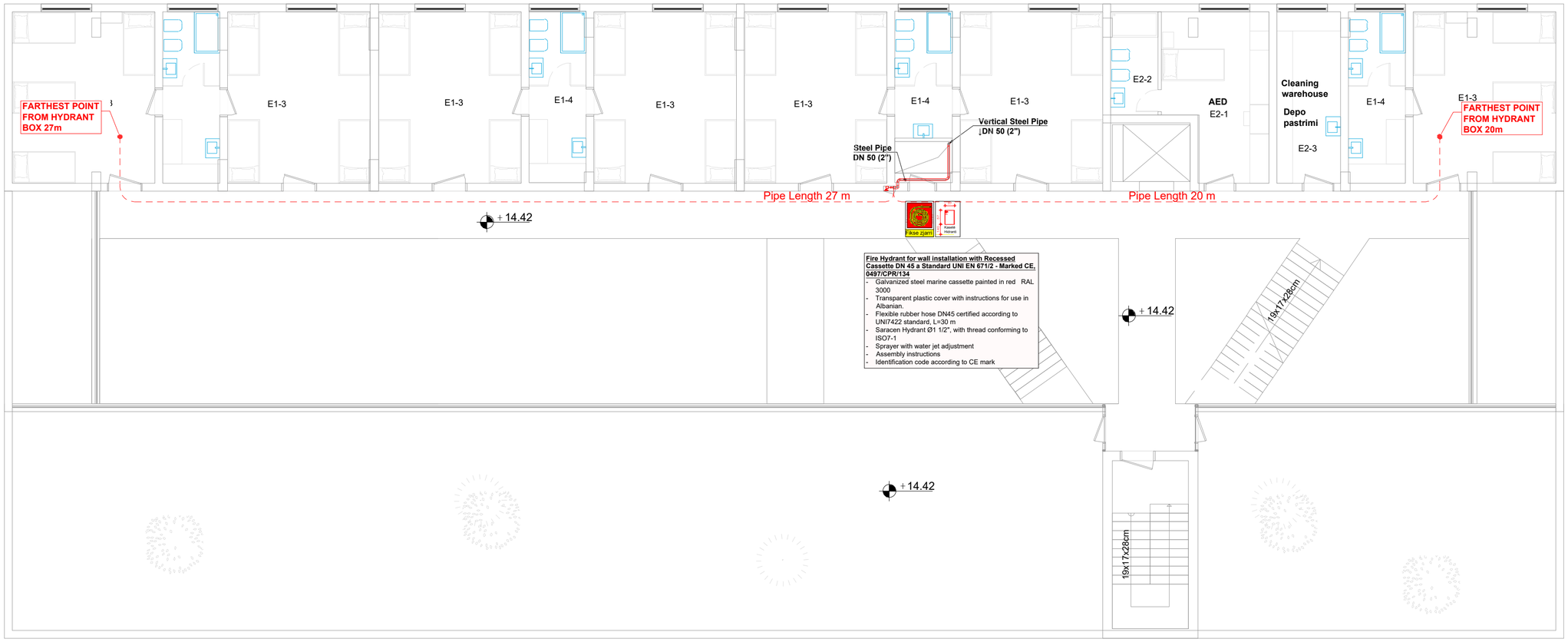
issuer	plan number:	TITULLI / Title:
M	iM-MNZ-H-04	FIREFIGHTING SYSTEM, DIMENSIONING OF THE HYDRANT SYSTEM, FLOOR PLAN +3

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

Kati +4 / Floor +4



LEGJENDA/ Legenda:

- Steel Pipe for Hydrant System
- Vertical Column of Hydrants
- Wall hydrant cassette

SHËNIME/ Notes:

-All fire system installations shall be made of black seamless steel pipes (Mannesman) medium series,
-painted in red RAL 3000, complete with grip and fastening accessories;
-The motor pump cassette shall be placed in the position shown in the projects and shall comply with the technical specifications;
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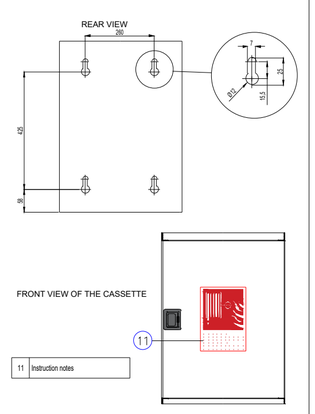
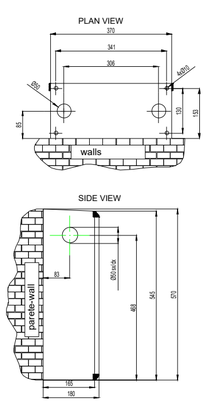
-The internal hydrant cassettes shall be of the recessed type according to the technical specifications.

WALL HYDRANT FOR INDOOR MOUNTING



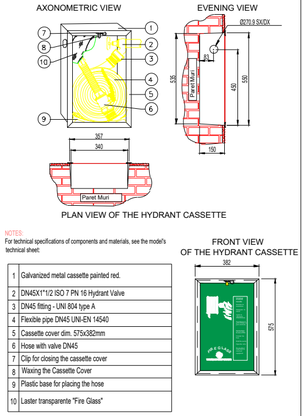
OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



NOTES:
For technical specifications of components and materials, see the model's technical sheet:

1	Galvanized metal cassette painted red.
2	DN45X1"1/2 ISO 7 PN 16 Hydrant Valve
3	DN45 fitting - UNI 804 type A
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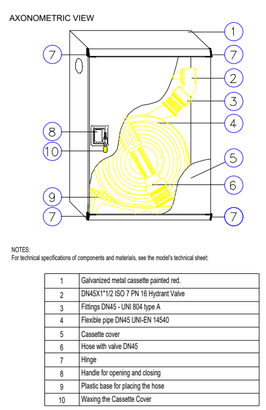
5	Cassette cover dim. 575x382mm
6	Hose with valve DN45
7	Clip for closing the cassette cover
8	Waxing the Cassette Cover
9	Plastic base for placing the hose
10	Laster transparente "Fire Glass"

WALL HYDRANT INCORPORATED DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

WALL HYDRANT FOR INDOOR MOUNTING



NOTES:
For technical specifications of components and materials, see the model's technical sheet:

1	Galvanized metal cassette painted red.
2	DN45X1"1/2 ISO 7 PN 16 Hydrant Valve
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4	Flexible pipe DN45 UNI-EN 14540
5	Cassette cover
6	Hose with valve DN45
7	Hinge
8	Handle for opening and closing
9	Plastic base for placing the hose
10	Waxing the Cassette Cover

OUTDOOR WALL HYDRANT DN 45 EN 671-2
Cert. CE n° 0497/CPR/172

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office / Studio Lokale Arkitekture / Gent Agolli (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture / Rais Petrela (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office / Studio Lokale Arkitekture / Ajkol Topore (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruksioni / Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering / Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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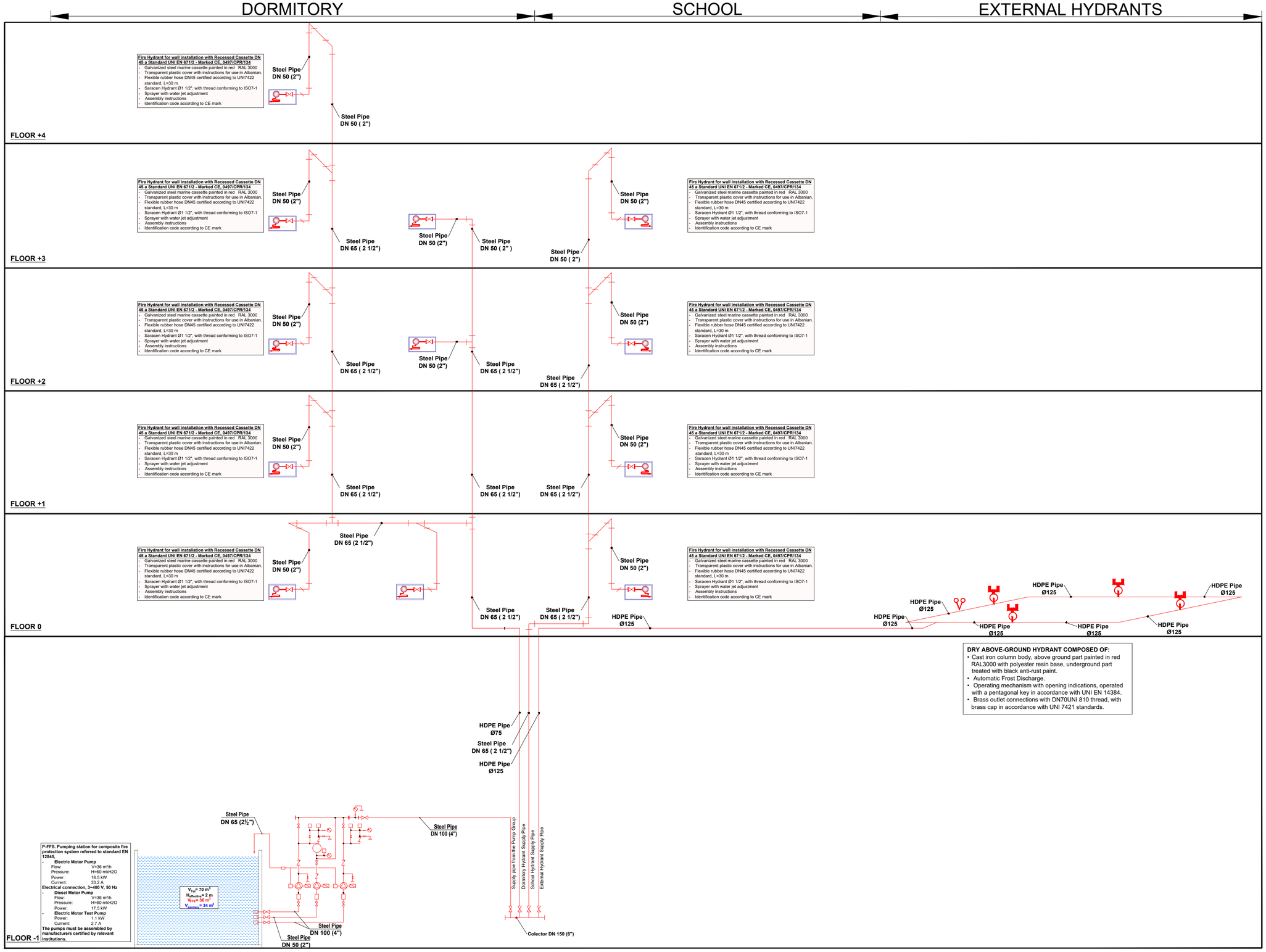
issuer	plan number:	TITULLI / Title:
M	iM-MNZ-H-05	FIREFIGHTING SYSTEM, DIMENSIONING OF THE HYDRANT SYSTEM, FLOOR PLAN +4

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2



LEGJENDA/ Legenda:

— Steel Pipe for Hydrant System

— Vertical Column of Hydrants

— Wall hydrant cassette

SHËNIME/ Notes:

-All fire system installations shall be made of black seamless steel pipes (Mannesman) medium series,
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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Local Architecture Office Studio Lokale Arkitekture Gent Agolli (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office Studio Lokale Arkitekture Rais Petrela (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office Studio Lokale Arkitekture Ajkol Topore (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-MNZ-H-06	FIREFIGHTING SYSTEM, DIMENSIONING OF THE HYDRANT SYSTEM, MAIN SCHEME

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

N

MECHANICAL INSTALLATIONS

BUILDING: Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

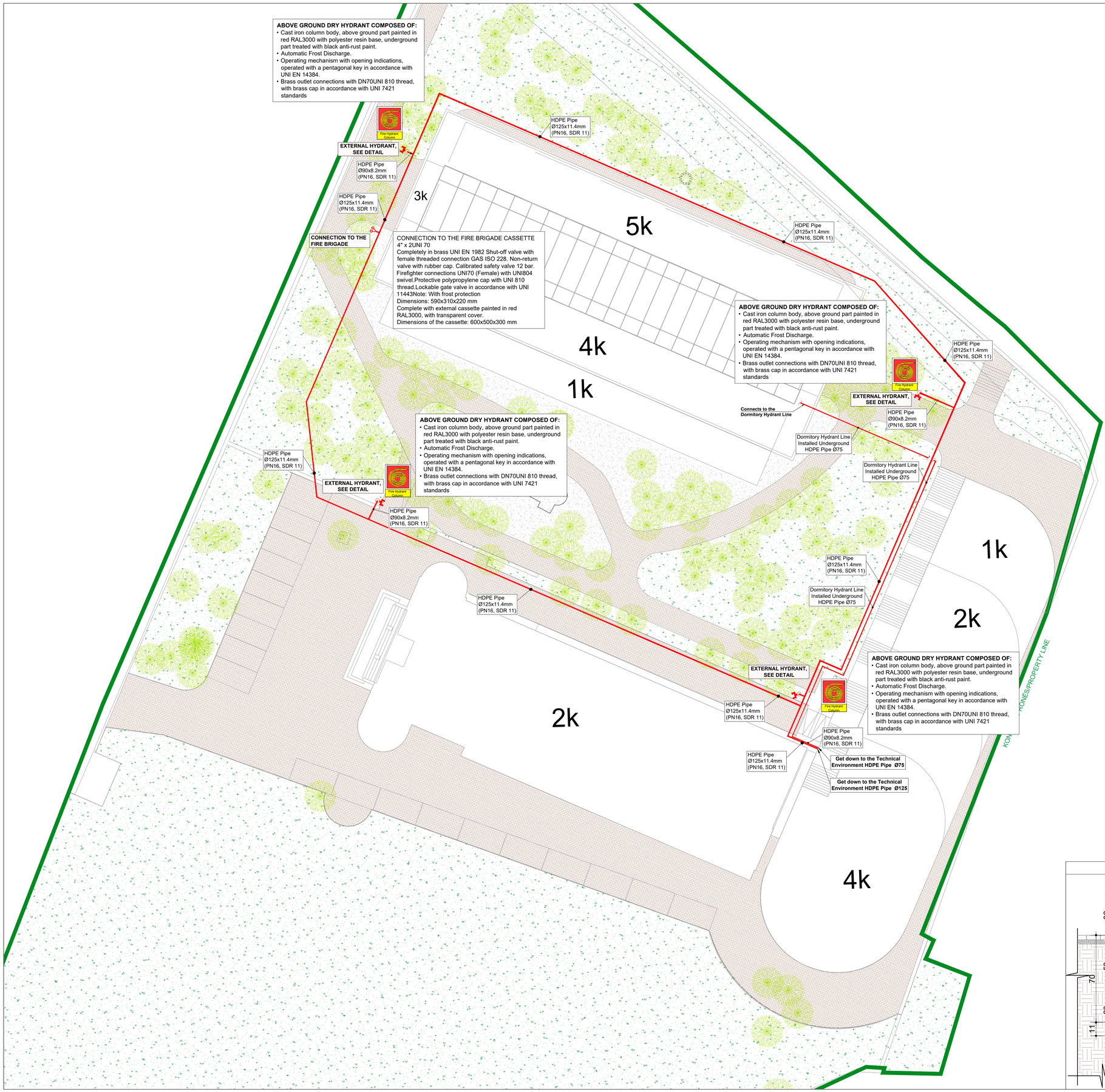
SYSTEM FIREFIGHTING SYSTEM (FFS)
- External Hydrant System

CLIENT: ALBANIAN DEVELOPMENT FUND

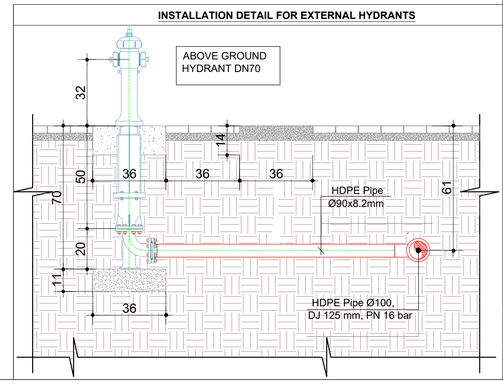
DESIGNED:

Studio Arkitekture
Gent Agolli

2026



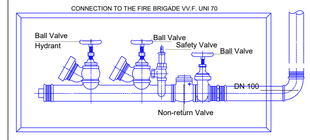
INSTALLATION DETAIL FOR EXTERNAL HYDRANTS



HYDRANT HOLDER ABOVE SURFACE	SYMBOL	TECHNICAL NOTE
		Cast iron hydrant holder with flange, in accordance with UNI EN 1092-2 PN16. Surface treatment with black anti-rust.

HYDRANT KIT EXTERNAL	SYMBOL	TECHNICAL NOTE
		BOX WITH EXTERNAL HYDRANT KIT FOR EXTERNAL PROTECTION - DN 70 UNI 10779 (With double kit) Complete with: • External box made of galvanized steel painted in red RAL 3000 with polyester resin base, according to ISO 9227 corrosion resistant, sloping roof, Lid with handle easy opening and closing, ventilation openings and hole security. • Flexible hose DN70 in accordance with UNI 9487, with UNI 804 fittings and UNI 7422 connections. • Hose protection harness in red plastic material. • Opening key for above ground hydrants. • Lancia Mistral DN 70 in accordance with UNI 11423. • Dimensions 550x640x260 mm.

CONNECTION TO THE FIRE BRIGADE VV.F. UNI 70



LEGJENDA/ Legenda:

– HDPE Pipe

– External Fire Hydrant

– Connection to the Fire Brigade

SHËNIME/ Notes:

- All fire system installations shall be made of seamless black steel pipes (Mannesman) medium series, painted in red RAL 3000, complete with clamping and fastening accessories;
- The motor pump cassette shall be placed in the position shown in the projects and shall conform to the technical specifications;
- Testing of welded joints shall be carried out in accordance with the norms and standards in force, based on the testing methodology which shall be compiled by the contractor and approved by the supervisor before the start of any type of testing.
- The external network of water supply pipes of column hydrants shall be with HDPE Pipe, PN16 bar.
- The external hydrants shall be of the column type and external hydrant kits consisting of two sets of connections shall be installed at both ends of the building.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Rais Rasha	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Alket Tupina	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA Hydro-Mechanical Engineering Inxhinier Hidro-Mekanik dhe MNE	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU Electrical Engineering Inxhinier Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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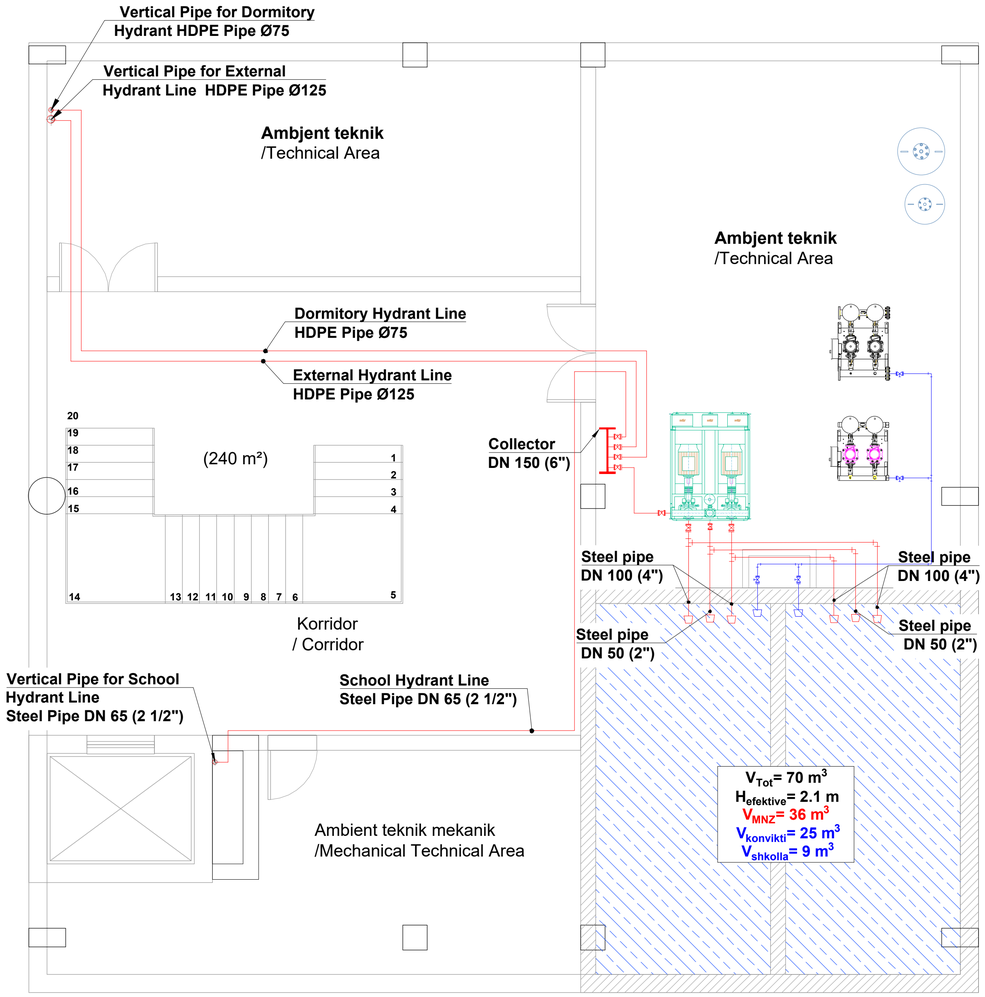
Issuer	plan number:	TITULLI / Title:
M	IM-MNZ-H-PS	FIREFIGHTING SYSTEM, DIMENSIONING OF THE EXTERNAL HYDRANT SYSTEM, GEN PLAN

Faza:	data:	shkalla e vizatimit:	format:
PZ	2026	1:200	A1



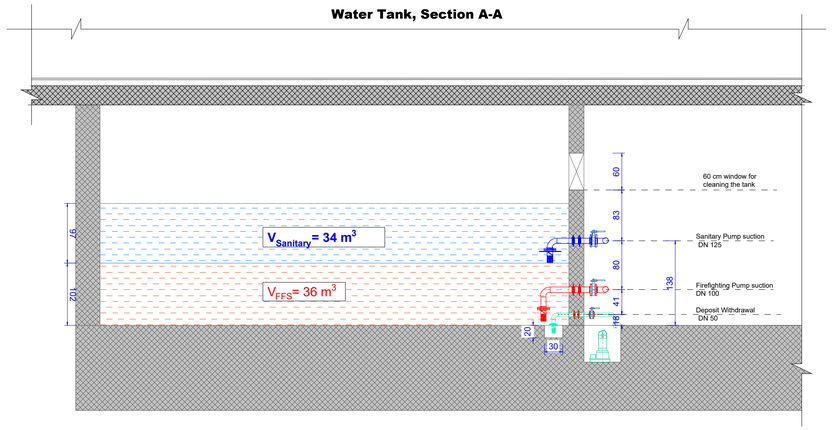
P-FFS. Pumping station for composite fire protection system referred to standard EN 12845,

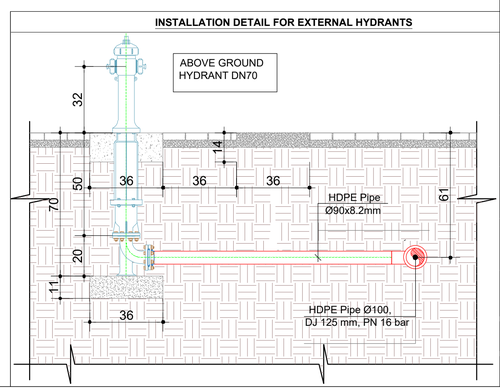
- **Electric Motor Pump**
  - Flow: V=36 m³/h
  - Pressure: H=60 mkH2O
  - Power: 18.5 kW
  - Current: 33.2 A

Electrical connection, 3~400 V, 50 Hz

- **Diesel Motor Pump**
  - Flow: V=36 m³/h
  - Pressure: H=60 mkH2O
  - Power: 17.5 kW
- **Electric Motor Test Pump**
  - Power: 1.1 kW
  - Current: 2.7 A

The pumps must be assembled by manufacturers certified by relevant institutions.

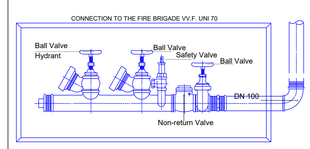




HYDRANT HOLDER ABOVE SURFACE	SYMBOL	TECHNICAL NOTE
		Cast iron hydrant holder with flange, in accordance with UNI EN 1092-2 PN16. Surface treatment with black anti-rust.

HYDRANT KIT EXTERNAL	SYMBOL	TECHNICAL NOTE
		BOX WITH EXTERNAL HYDRANT KIT FOR EXTERNAL PROTECTION - DN 70 UNI 10779 (With double kit) Complete with: • External box made of galvanized steel painted in red RAL 3000 with polyester resin base, according to ISO 9227 corrosion resistant, sloping roof, Lid with handle easy opening and closing, ventilation openings and hole security. • Flexible hose DN70 in accordance with UNI 9487, with UNI 804 fittings and UNI 7422 connections. • Hose protection harness in red plastic material. • Opening key for above ground hydrants. • Lancia Mistral DN 70 in accordance with UNI 11423. • Dimensions 550x640x260 mm.

CONNECTION TO THE FIRE BRIGADE VV.F. UNI 70



LEGJENDA/ Legenda:

- HDPE Pipe
- External Fire Hydrant
- Connection to the Fire Brigade

SHËNIME/ Notes:

- All fire system installations shall be made of seamless black steel pipes (Mannesman) medium series, painted in red RAL 3000, complete with clamping and fastening accessories;
- The motor pump cassette shall be placed in the position shown in the projects and shall conform to the technical specifications;
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- The external hydrants shall be of the column type and external hydrant kits consisting of two sets of connections shall be installed at both ends of the building.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VENO) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VENO) Pals Pekmo	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VENO) Alket Tapmo	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Constructor Studio Studio Konstruktimi Adrian Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanike dhe Mbrj	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VEND

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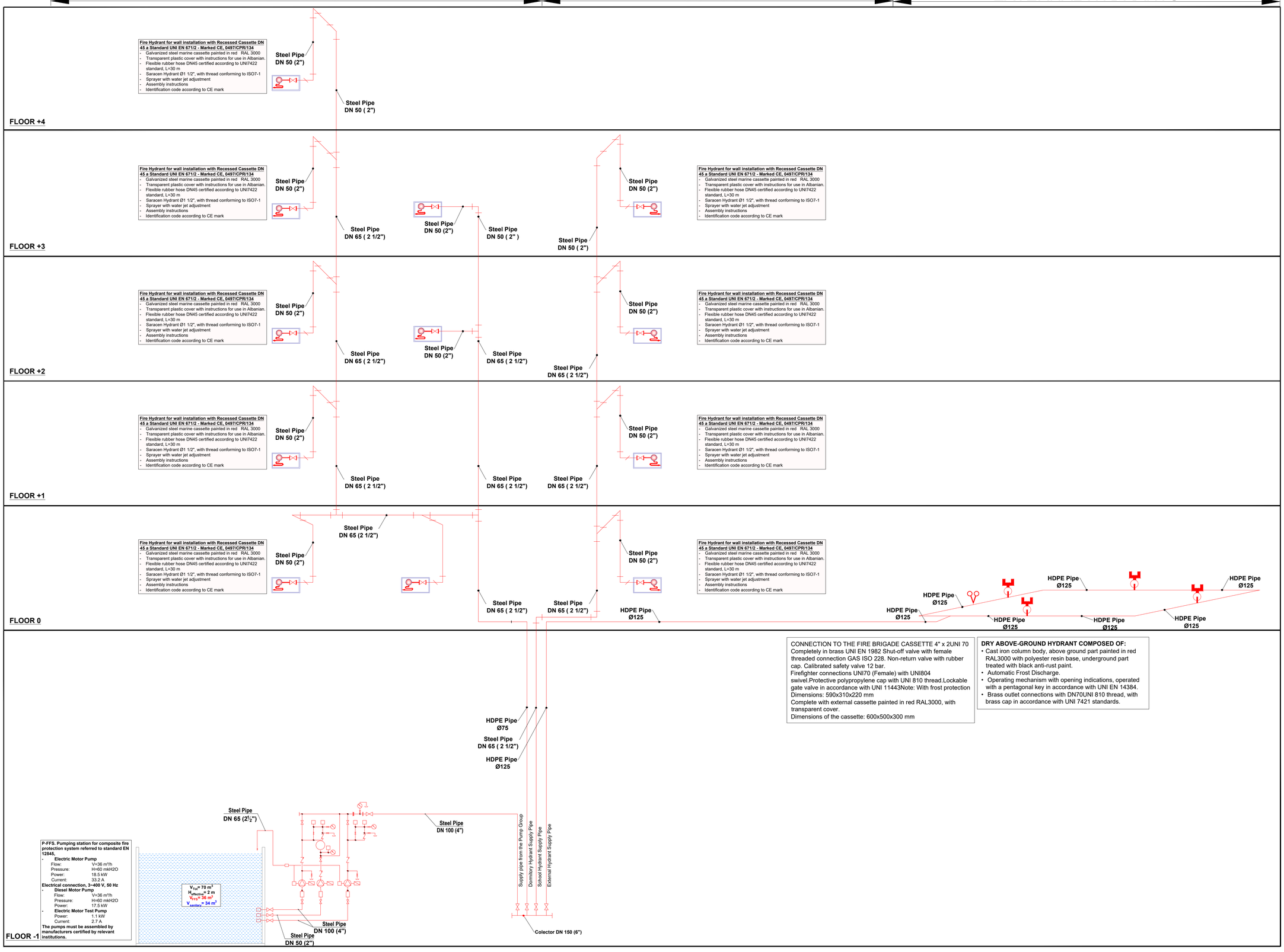
issuer	plan number:	TITULLI / Title:
M	IM-MNZ-H-AT	FIREFIGHTING SYSTEM, DIMENSIONING OF THE EXTERNAL HYDRANT SYSTEM, TECHNICAL AREA

Faza:	data:	shkalla e vizatimit:	format:
PZ	2026	1:50	A1



HYDRANT HOLDER ABOVE SURFACE	SYMBOL	TECHNICAL NOTE
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HYDRANT KIT EXTERNAL	SYMBOL	TECHNICAL NOTE
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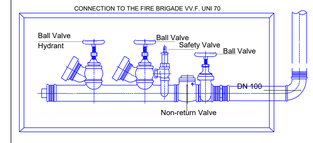

LEGJENDA/ Legenda:

— HDPE Pipe

External Fire Hydrant

Connection to the Fire Brigade

SHËNIME/ Notes:
- All fire system installations shall be made of seamless black steel pipes (Mannesman) medium series, painted in red RAL 3000, complete with clamping and fastening accessories;
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- The external hydrants shall be of the column type and external hydrant kits consisting of two sets of connections shall be installed at both ends of the building.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

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LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Ndertimi — Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA — Hydro-Mechanical Engineering / Inxhinier Hidro-Mekanik (Ing MH)	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU — Electrical Engineering / Inxhinier Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	IM-MNZ-H-SP	FIREFIGHTING SYSTEM, DIMENSIONING OF THE EXTERNAL HYDRANT SYSTEM, TECHNICAL SPACES

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026		A1

MECHANICAL INSTALLATIONS

BUILDING: Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

SYSTEM FIREFIGHTING SYSTEM (FFS)
- Ventilation

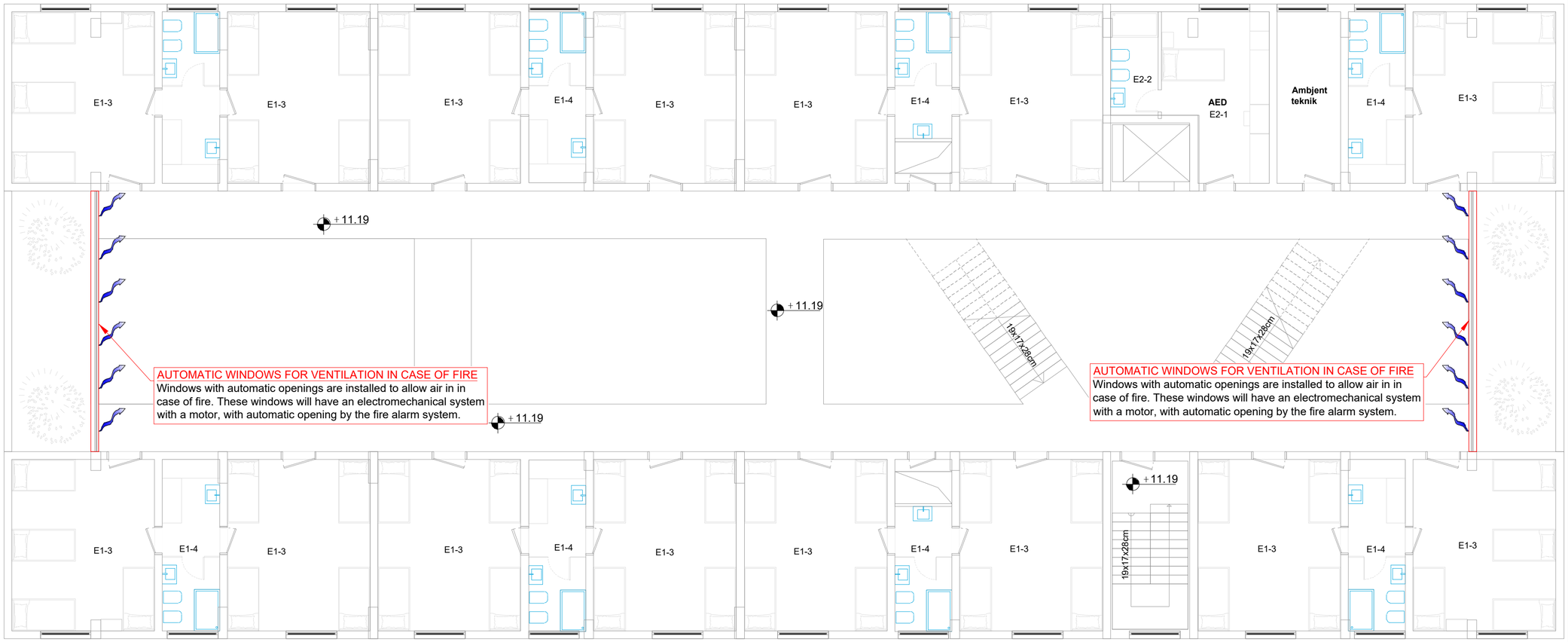
CLIENT: ALBANIAN DEVELOPMENT FUND

DESIGNED:

Studio Arkitekture
Gent Agolli

2026

Kati +3 / Floor +3



LEGJENDA/ Legenda:

— AUTOMATIC OPENING WINDOWS

— FRESH AIR INTAKE SYMBOL

— SMOKE AND FLAME OUTPUT SYMBOL

SHËNIME/ Notes:

- In the central atrium, a system of windows with automatic opening for smoke and heat ventilation is provided.
- The upper windows (on the Terrace) function as smoke exhaust, while the side windows, located on the lower floors, serve as a compensatory air intake.
- The system is automatically activated by the fire alarm signal (Detection System) and can also be manually controlled from the control panel.
- In the event of a fire, the upper windows open automatically to exhaust smoke and heat. The side windows open to admit fresh air, creating natural vertical circulation.
- The system provides efficient ventilation, improves visibility during evacuation and reduces the risk of smoke spreading in internal spaces.
- All components comply with the EN 12101-2, EN 12101-9, and EN 60335-2-103 standards.
- The electric window motors operate with low voltage (24V DC) and are connected to the control panel which receives a signal directly from the fire alarm system.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VENDI) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VENDI) Ilais Peteia	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VENDI) Ajtaj Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksioni Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-MNZ-V-01	**FIREFIGHTING SYSTEM, NATURAL VENTILATION, FLOOR PLAN +3**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

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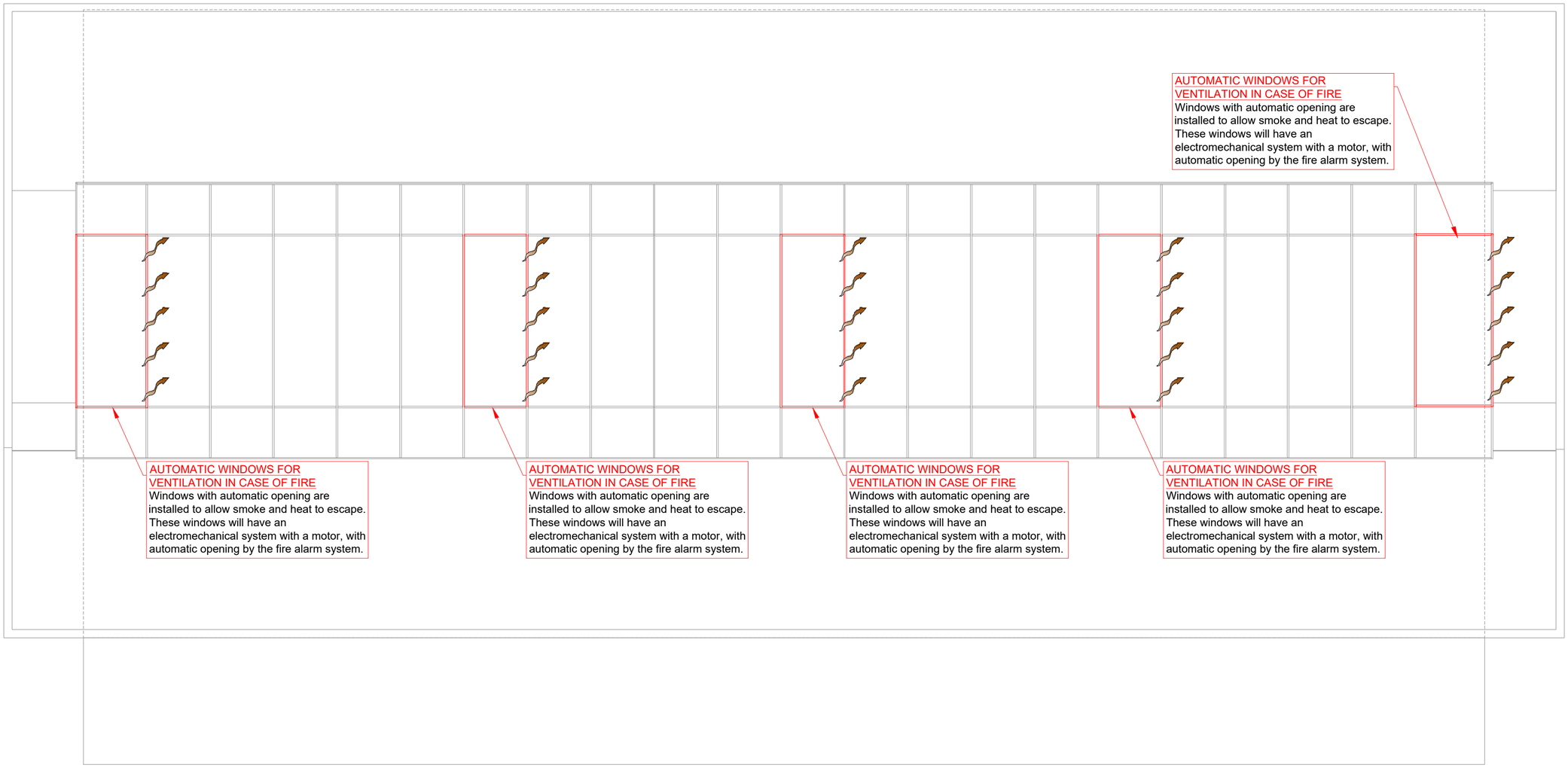

LEGJENDA/ Legenda:

— AUTOMATIC OPENING WINDOWS

— FRESH AIR INTAKE SYMBOL

— SMOKE AND FLAME OUTPUT SYMBOL

SHËNIME/ Notes:

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- The electric window motors operate with low voltage (24V DC) and are connected to the control panel which receives a signal directly from the fire alarm system.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ras Peleta	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ajkol Topore	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ **AVE CONSULTING** Construction Studio Studio Konstruksione Arben Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI **ERMIR GJOKA** Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ **BESART DALLIU** Electrical Engineering Inxhinieri Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	iM-MNZ-V-02	**FIREFIGHTING SYSTEM, NATURAL VENTILATION, TARRACE PLAN**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A2

M E C H A N I C A L I N S T A L A T I O N S

BUILDING: Establishment of the Educational Infrastructure of the Franco -Albanian Lyceum of Sciences and Innovation, Municipality of Korça

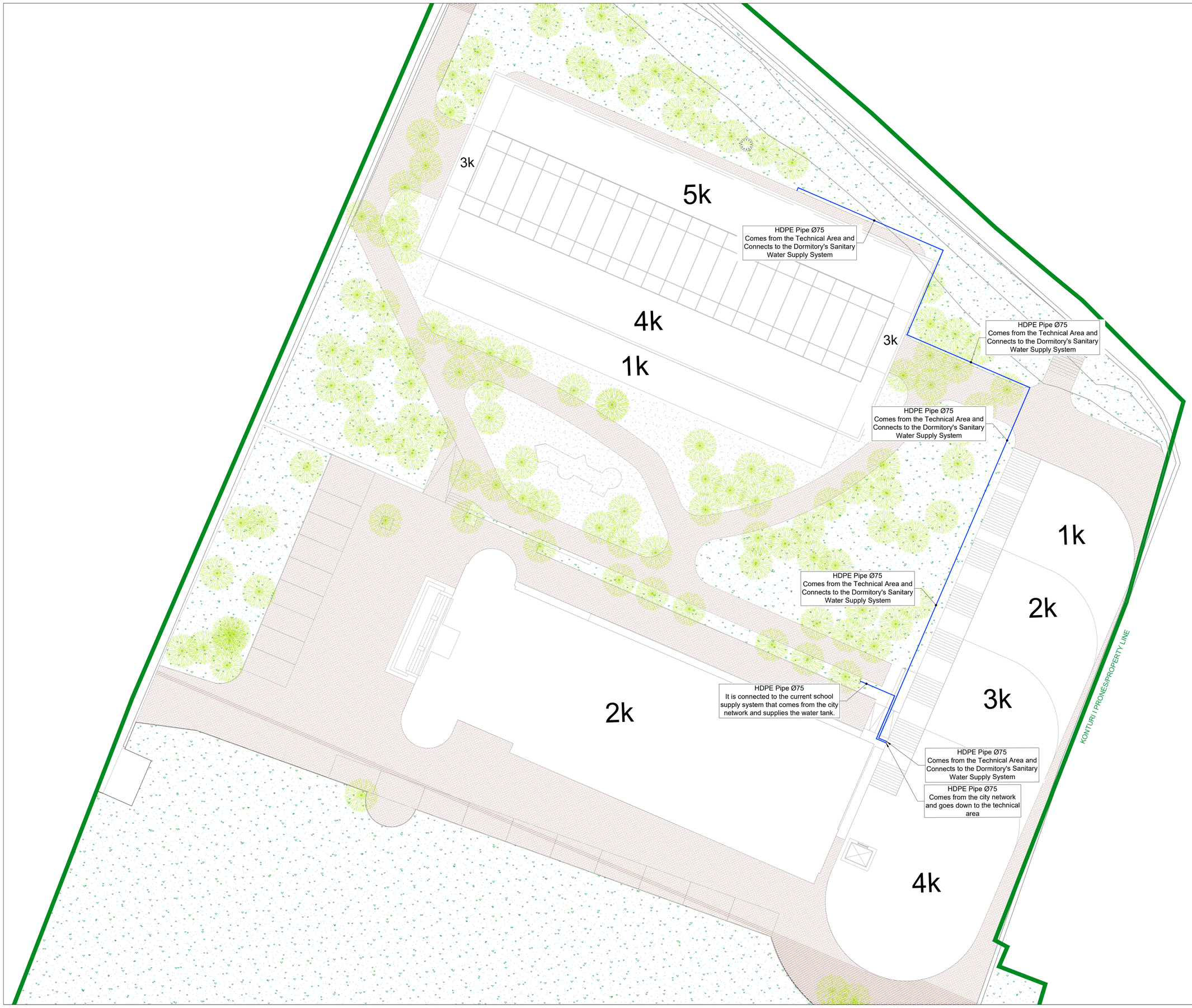
SYSTEM: HYDROSANITARY INSTALATION PROJECT
- Sanitary Water Supply System

CLIENT: ALBANIAN DEVELOPMANT FUND

DESIGNED:

Studio Arkitekture
Gent Agolli

2026



Legend

- Cold Water Supply Line PE-Xal Pipe
- Hot Water Supply Line PE-Xal Pipe
- Cold Water Supply Line PPR Pipe
- Hot Water Supply Line PPR Pipe
- Destrebutin Manifold

Notes

- All installations of the sanitary water supply system will be with PPR pipes, from the technical environment for the production of sanitary hot water to each Manifold. The pipes will be suspended with rubber bands at the distances specified by the pipe manufacturer.
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- Testing of pipeline lines will be carried out in accordance with the norms and standards in force, based on the testing methodology, which must be compiled by the contractor and approved by the supervisor before the start of any type of testing.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

Local Architecture Office Studio Lokale Arkitekture Gent Agolli — iLOC (VENDI)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office Studio Lokale Arkitekture Ilwa Peleska — ARCHISPACE — iLOC (VENDI)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office Studio Lokale Arkitekture Ajtid Tozore — SPHAERA — iLOC (VENDI)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Construction Techs Studio Konstruktive Adam Dervishi — **LORENC BEGAJ AVE CONSULTING**	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Hydro-Mechanical Engineering Inxhinier Hidro-Mekanik dhe MAZ — **BURHAN TURKESHI ERMIR GJOKA**	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Electrical Engineering Inxhinier Elektrik — **BASHKIM SHAHINAJ BESART DALLIU**	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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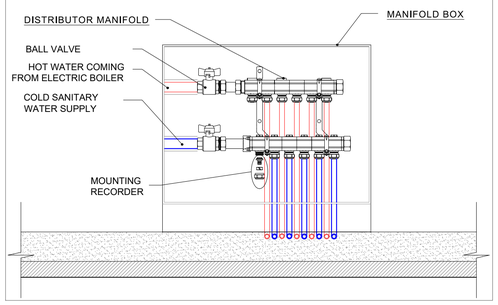
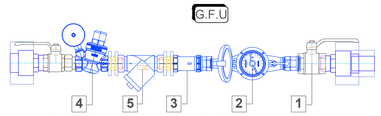
issuer	plan number:	TITULLI / Title:
M	M-HS-FUS-00	**WATER SUPPLY SYSTEM PIPELINE DIMENSIONING**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:175	A1

DETAIL OF THE DISTRIBUTOR MANIFOLD BOX

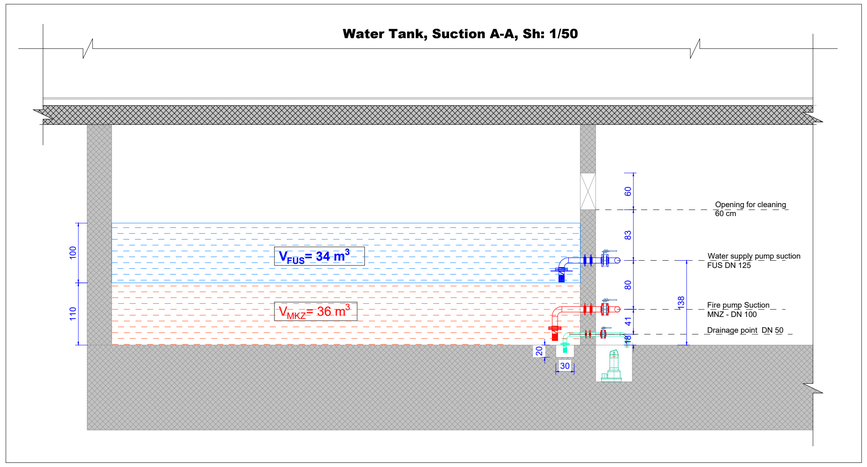


WATER SUPPLY GROUP (G.F.U)



1 Ball Valve
2 Water meter
3 Non-return valve
4 Pressure reducer
5 Water filter

Water Tank, Suction A-A, Sh: 1/50



Legend

- Cold Water Supply Line PE-Xal Pipe
- Hot Water Supply Line PE-Xal Pipe
- Cold Water Supply Line PPR Pipe
- Hot Water Supply Line PPR Pipe
- Destrebutin Manifold

Notes

- All installations of the sanitary water supply system will be with PPR pipes, from the technical environment for the production of sanitary hot water to each Manifold. The pipes will be suspended with rubber bands at the distances specified by the pipe manufacturer.
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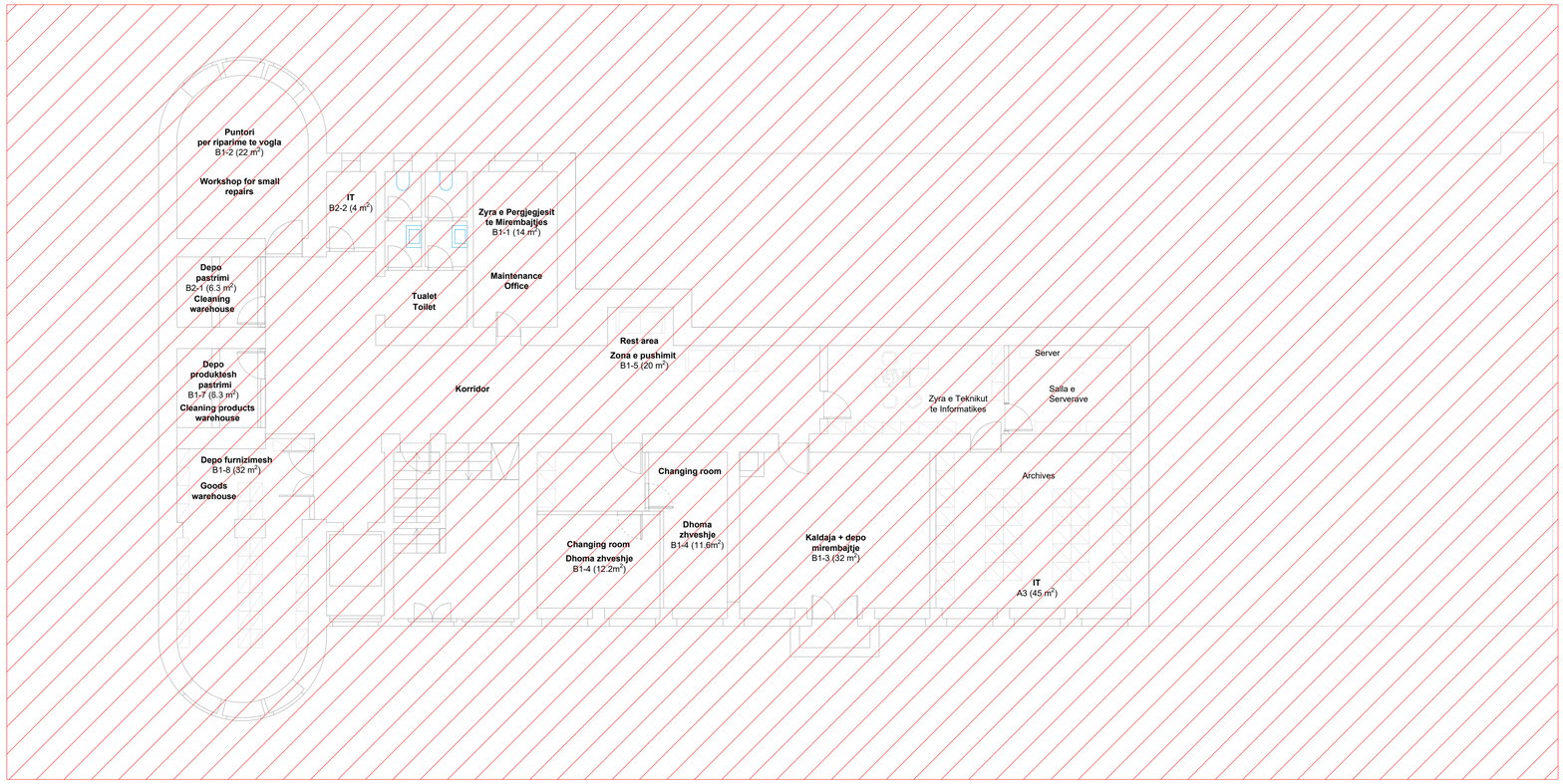
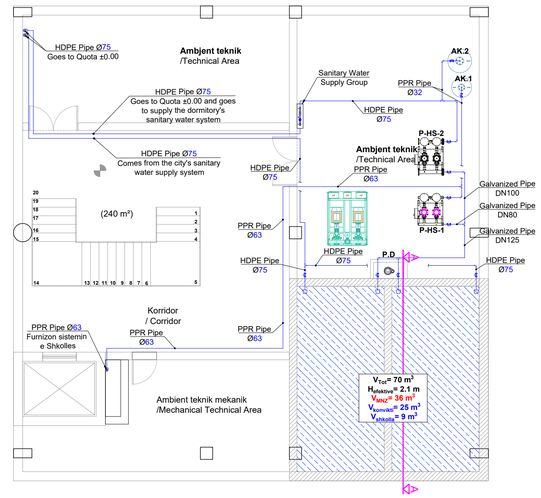
FLOOR -1

Kati -1 / Floor -1

Existing Building





P-HS-1. Pumping station for sanitary water supply of the School with 2 pumps.
1. Flow: V=10.9 m3/h
2. Pressure: H=55 mkH2O
3. Power: 3 kW
4. Electrical connection: 3~400 V, 50 Hz
5. Current: 5.6 A
6. Hydraulic connections: DN 65

NOTE:
The maximum water flow and pressure must be provided by one pump, while the other remains in reserve in case of failure.

P-HS-2. Pumping station for sanitary water supply of the Dormitory with 2 pumps.
1. Flow: V=15 m3/h
2. Pressure: H=70 mkH2O
3. Power: 5.5 kW
4. Electrical connection: 3~400 V, 50 Hz
5. Current: 11.6 A
6. Hydraulic connections: DN 80 / DN 100

NOTE:
The maximum water flow and pressure must be provided by one pump, while the other remains in reserve in case of failure.

PD. Submersible drainage pump for cleaning the tank
- Pump data
1. Flow: V=10 m3/h
2. Pressure: H=12mkH2O
3. Power: 1.6 kW
4. Electrical connection: 1~230 V, 50 Hz
5. Current: 7.2 A

AK-1. Expansion vessel Autoclave for sanitary water pump.
- Tank volume: 300 lit
- Charging pressure: 2.5 bar
- Max pressure 10 bar
- Hydraulic connections: DN 32 (Ø 1 1/4")
- Dimensions: Ø650x1190 mm

The expansion vessel must be certified for use in sanitary water supply plants

AK-2. Expansion vessel Autoclave for sanitary water pump.
- Tank volume: 500 lit
- Charging pressure: 2.5 bar
- Max pressure 10 bar
- Hydraulic connections: DN 32 (Ø 1 1/4")
- Dimensions: Ø775x1335 mm

The expansion vessel must be certified for use in sanitary water supply plants

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

:RI Local Architecture Office / Studio Lokale Arkitekture — Genti Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office / Studio Lokale Arkitekture — Ilias Petrela	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office / Studio Lokale Arkitekture — Ajtid Trupce	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio / Studio Konstruktiviti — Adam Demaliu	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR ÇUÇKA Hydro-Mechanical Engineering / Inxhinier Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU Electrical Engineering / Inxhinier Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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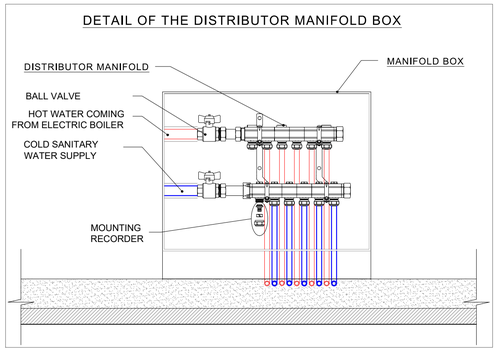
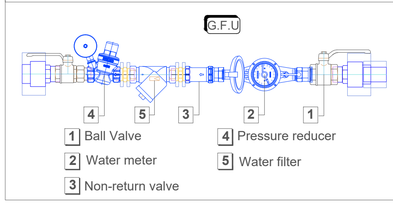
issuer	plan number:	TITULLI / Title:
M	M-HS-FUS-01	**WATER SUPPLY SYSTEM PIPELINE DIMENSIONING**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A1

DETAIL OF THE DISTRIBUTOR MANIFOLD BOX



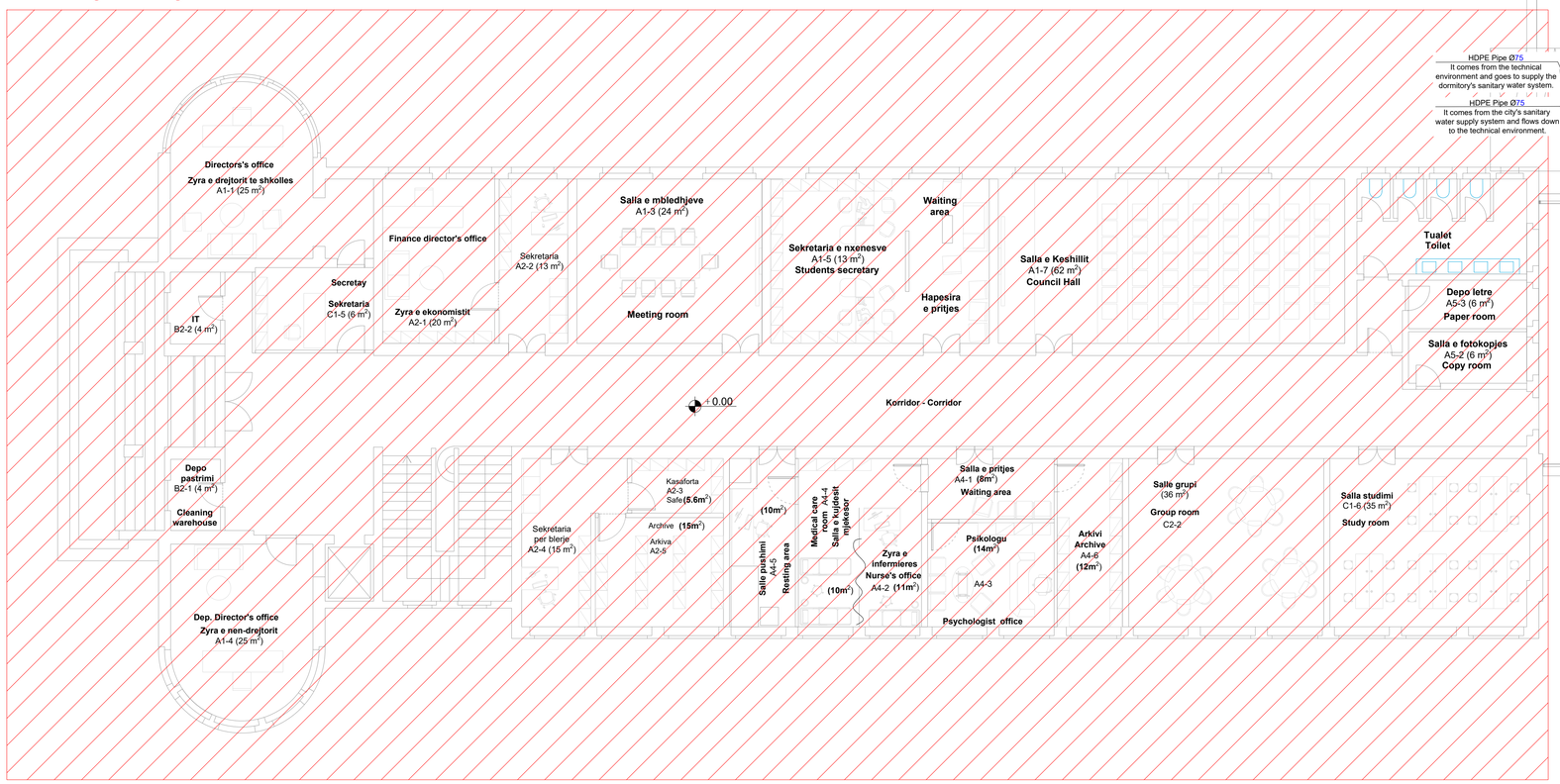
WATER SUPPLY GROUP (G.F.U)

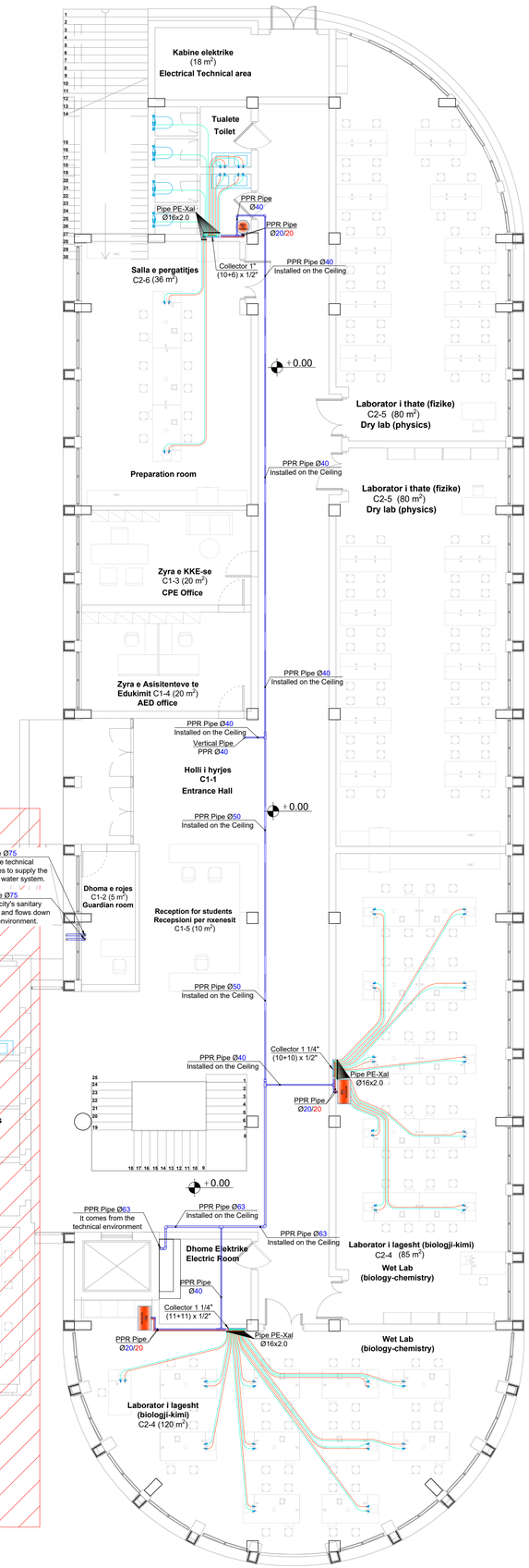


1 Ball Valve
2 Water meter
3 Non-return valve
4 Pressure reducer
5 Water filter

FLOOR 0

Existing Building





Legend

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PROJEKTI / Project:
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Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Gent-Kjoll	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Ilias Petreis	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Adil Tozaia	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio Studio Konstruksioni Ardian Dervishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA Hydro-Mechanical Engineering Inxhinier Hidro-Mekanik dhe MNE	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
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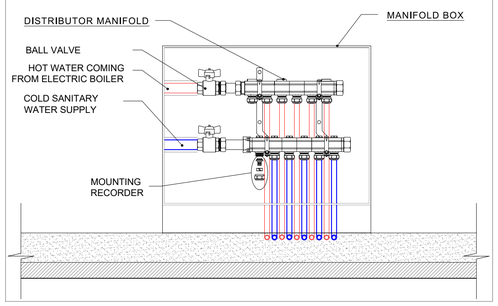
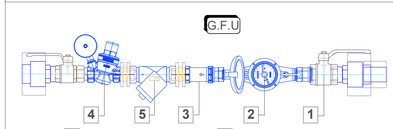
issuer	plan number:	TITULLI / Title:
M	IM-HS-FUS-02	WATER SUPPLY SYSTEM PIPELINE DIMENSIONING

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A1

DETAIL OF THE DISTRIBUTOR MANIFOLD BOX



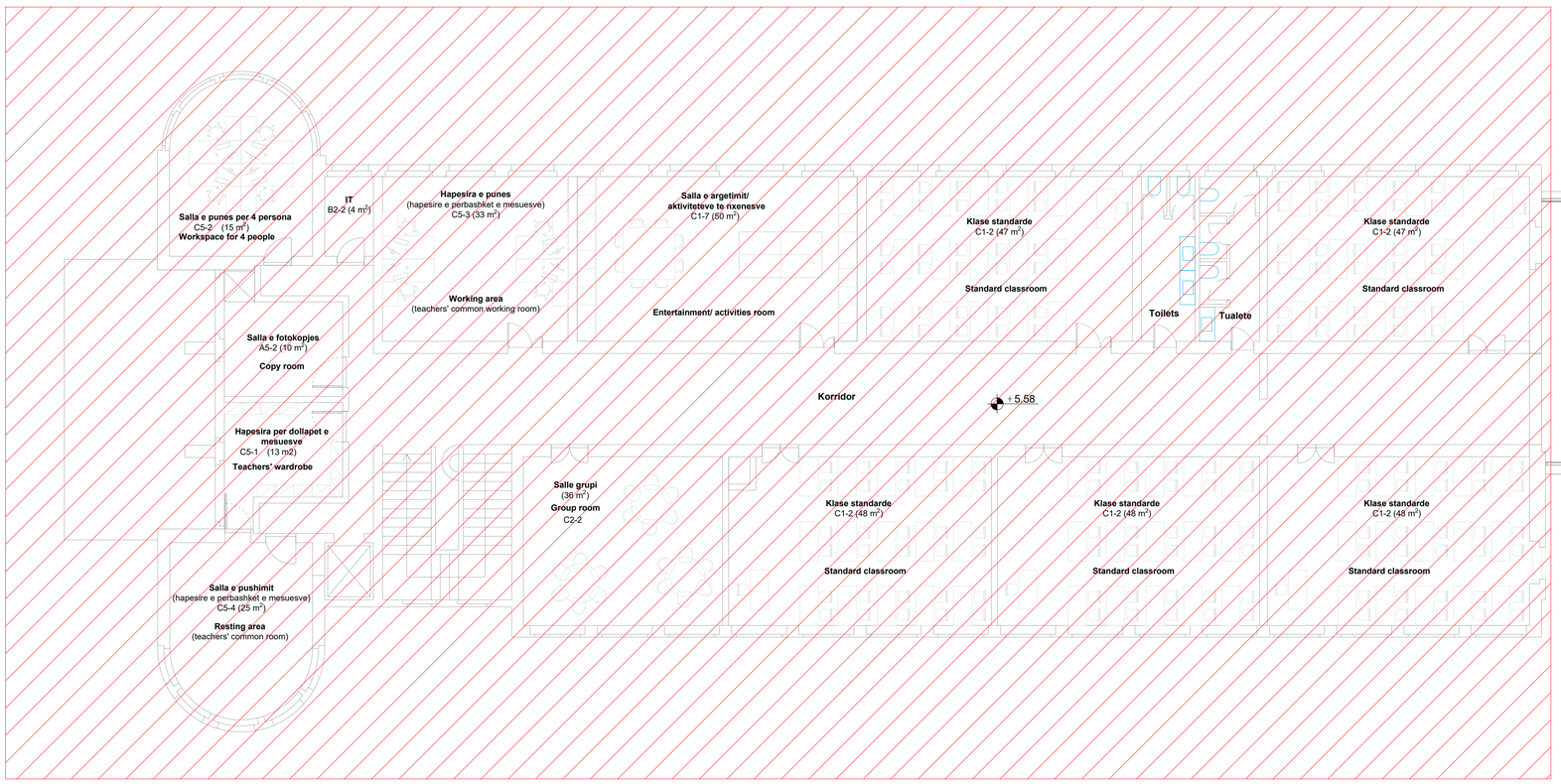
WATER SUPPLY GROUP (G.F.U)



1 Ball Valve
2 Water meter
3 Non-return valve
4 Pressure reducer
5 Water filter

FLOOR +1

Existing Building



Legend

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Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

Local Architecture Office / Studio Lokale Arkitekture / Gent-Agolli — iLOC (VEND) — IRI	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
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Construction Studio / Studio Ndertimore / Adrian Dervishi — LORENC BEGAJ AVE CONSULTING	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
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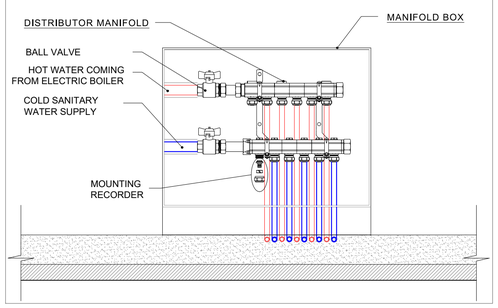
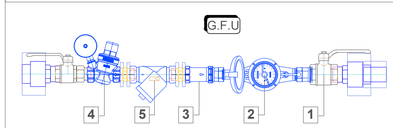
issuer	plan number:	TITULLI / Title:
M	IM-HS-FUS-03	WATER SUPPLY SYSTEM PIPELINE DIMENSIONING

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A1

DETAIL OF THE DISTRIBUTOR MANIFOLD BOX



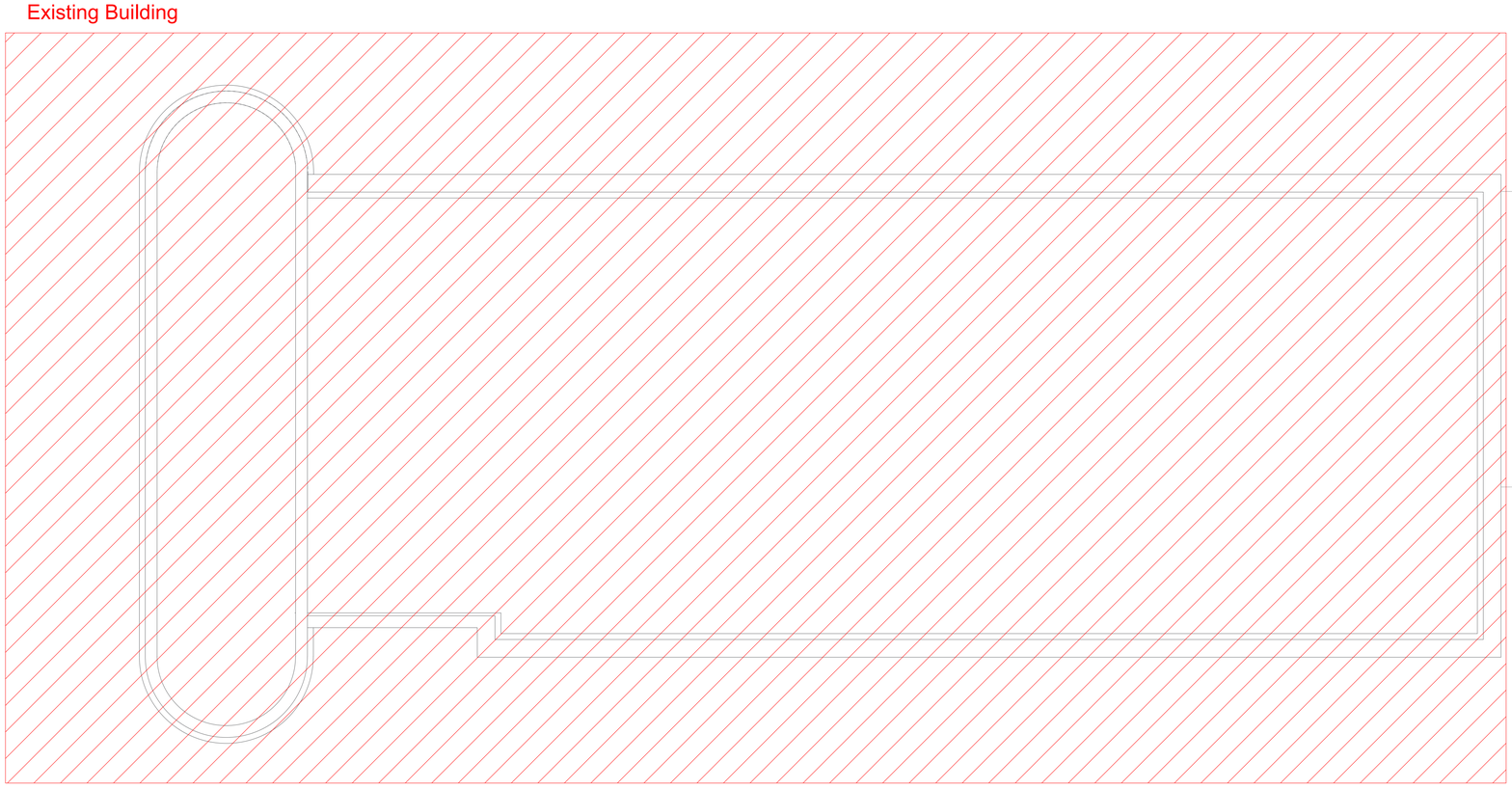
WATER SUPPLY GROUP (G.F.U)

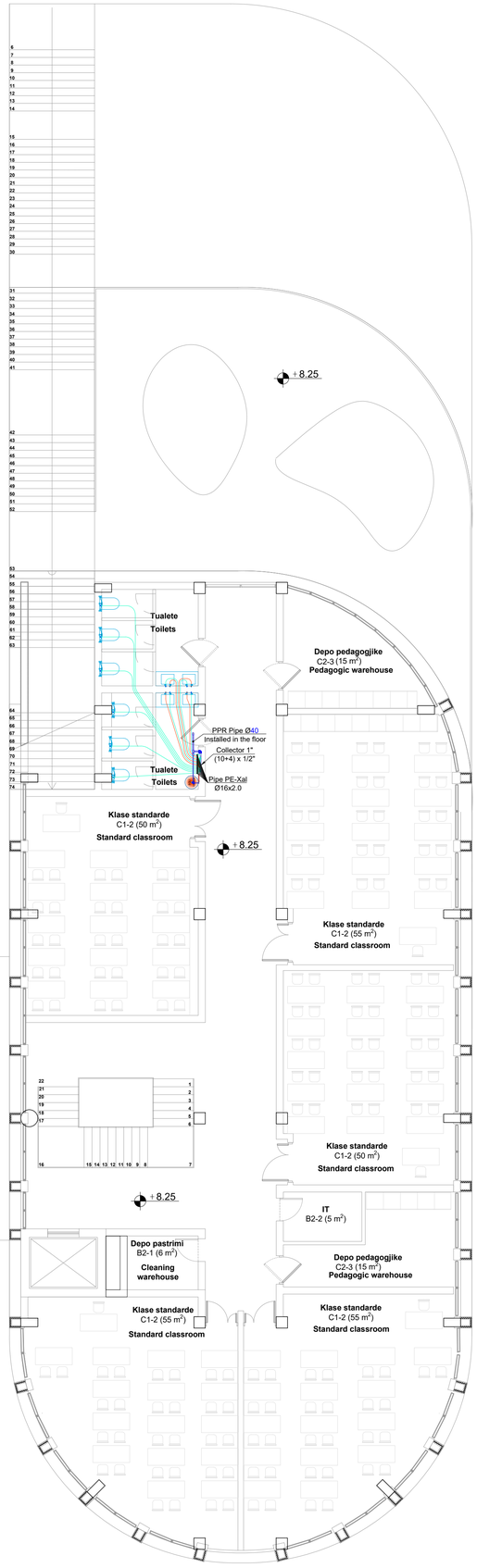


1 Ball Valve
2 Water meter
3 Non-return valve
4 Pressure reducer
5 Water filter

FLOOR +2

Existing Building





Legend

- Cold Water Supply Line PE-Xal Pipe
- Hot Water Supply Line PE-Xal Pipe
- Cold Water Supply Line PPR Pipe
- Hot Water Supply Line PPR Pipe
- Destrebutin Manifold

Notes

- All installations of the sanitary water supply system will be with PPR pipes, from the technical environment for the production of sanitary hot water to each Manifold. The pipes will be suspended with rubber bands at the distances specified by the pipe manufacturer.
- All PPR pipes on the ground floor will pass through the ceiling and will be distributed to the appropriate columns.
- All pipe installations that will be made under the floors of the toilets will be with PE-Xal pipes (polyethylene pipes with aluminum sheets) thermally insulated from the factory, the fastening will be made with press fittings;
- All installation of sanitary water pipes (hot/cold) inside the premises will be covered with thermal insulation δ = 9 mm;
- All hydrosanitary equipment will be connected to PE-Xal pipes with a diameter of Ø16x2.0 mm;
- All toilets have water shut-off valves installed in case of service or damage, in order to make it possible to immediately stop the water;
- Testing of pipeline lines will be carried out in accordance with the norms and standards in force, based on the testing methodology, which must be compiled by the contractor and approved by the supervisor before the start of any type of testing.

PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

Local Architecture Office / Studio Lokale Arkitekture / Gent-Agolli (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office / Studio Lokale Arkitekture / Reis Perlata (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office / Studio Lokale Arkitekture / Ajtoli Tupore (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Construction Studio / Studio Ndertimore / Adem Demaliu	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Hydro-Mechanical Engineering / Inxhinier Hidro-Mekanik dhe MNJ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Electrical Engineering / Inxhinier Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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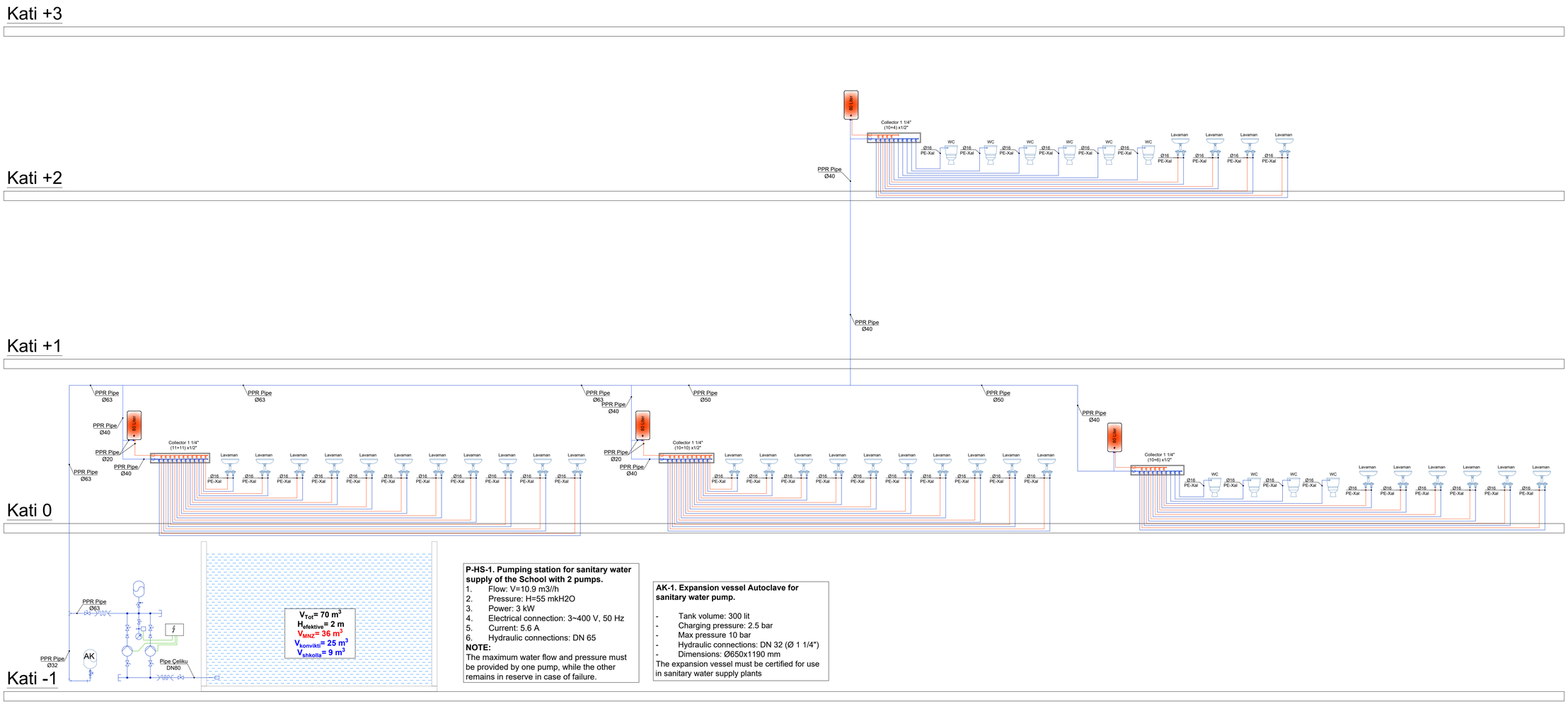
issuer	plan number:	TITULLI / Title:
M	M-HS-FUS-04	**WATER SUPPLY SYSTEM PIPELINE DIMENSIONING**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026	1:100	A1



P-HS-1. Pumping station for sanitary water supply of the School with 2 pumps.

1. Flow: V=10.9 m3//h
2. Pressure: H=55 mkH2O
3. Power: 3 kW
4. Electrical connection: 3~400 V, 50 Hz
5. Current: 5.6 A
6. Hydraulic connections: DN 65

NOTE:
The maximum water flow and pressure must be provided by one pump, while the other remains in reserve in case of failure.

AK-1. Expansion vessel Autoclave for sanitary water pump.

- Tank volume: 300 lit
- Charging pressure: 2.5 bar
- Max pressure 10 bar
- Hydraulic connections: DN 32 (Ø 1 1/4")
- Dimensions: Ø650x1190 mm

The expansion vessel must be certified for use in sanitary water supply plants

Legend

- Cold Water Supply Line PE-Xal Pipe
- Hot Water Supply Line PE-Xal Pipe
- Cold Water Supply Line PPR Pipe
- Hot Water Supply Line PPR Pipe
- Destrebutin Manifold

Notes

- All installations of the sanitary water supply system will be with PPR pipes, from the technical environment for the production of sanitary hot water to each Manifold. The pipes will be suspended with rubber bands at the distances specified by the pipe manufacturer.
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PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franco-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office Studio Lokale Arkitekture Gent Agolli	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office Studio Lokale Arkitekture Ilva Perkola	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office Studio Lokale Arkitekture Ajmi Tiganis	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio Studio Konstruktiv Arben Deriahi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BURHAN TURKESHI ERMIR GJOKA Hydro-Mechanical Engineering Inxhinier Hidro-Mekanik dhe MNZ	K.1873/4 M.1174/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
BASHKIM SHAHINAJ BESART DALLIU Electrical Engineering Inxhinier Elektrik	E.0185/6 E.1412/2	Firma / Signature: Lexoj dhe aprovoj / I read and approve.

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issuer	plan number:	TITULLI / Title:
M	IM-HS-FUS-05	**WATER SUPPLY SYSTEM PIPELINE DIMENSIONING**

Faza:	data:	shkalla e vizatimit:	formati:
PZ	2026		A1

M E C H A N I C A L I N S T A L A T I O N S

BUILDING: Establishment of the Educational Infrastructure of the Franco -Albanian Lyceum of Sciences and Innovation, Municipality of Korça

SYSTEM: HYDROSANITARY INSTALATION PROJECT
- Wastewater Sewage System

CLIENT: ALBANIAN DEVELOPMANT FUND

DESIGNED:

Studio Arkitekture
Gent Agolli

2026