LEGEND

- PP Pipe
- HDPE Corrogated Pipe
- Vertical Pipe
- Floor Drain
- Sewage Manhole

NOTES

- All external installations of the sewage system will be made with corrugated pipes (ribbed) with a slope of 1%;
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- Internal discharges will pass through the floor of the floor (except in any case specified in the drawing) and will exit into the appropriate manhole;
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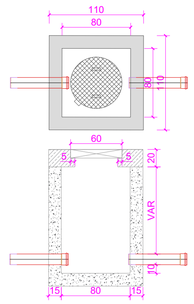
Sewage Manhole Details



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

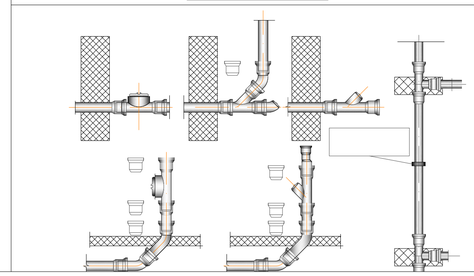
Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI — Lead Architecture Office / Studio Lead Arkitekture / Gent Agolli — (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE — Local Architecture Office / Studio Lokale Arkitekture / Ilva Petrela — (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office / Studio Lokale Arkitekture / Ajtid Tupore — (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Konstruktimi / 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 MNJ	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.

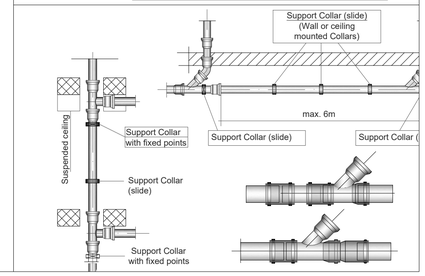
issuer	plan number:	TITULLI / Title:
M	IM-HS-KUZ-00	**WASTEWATER SEWERAGE SYSTEM GENPLAN**

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

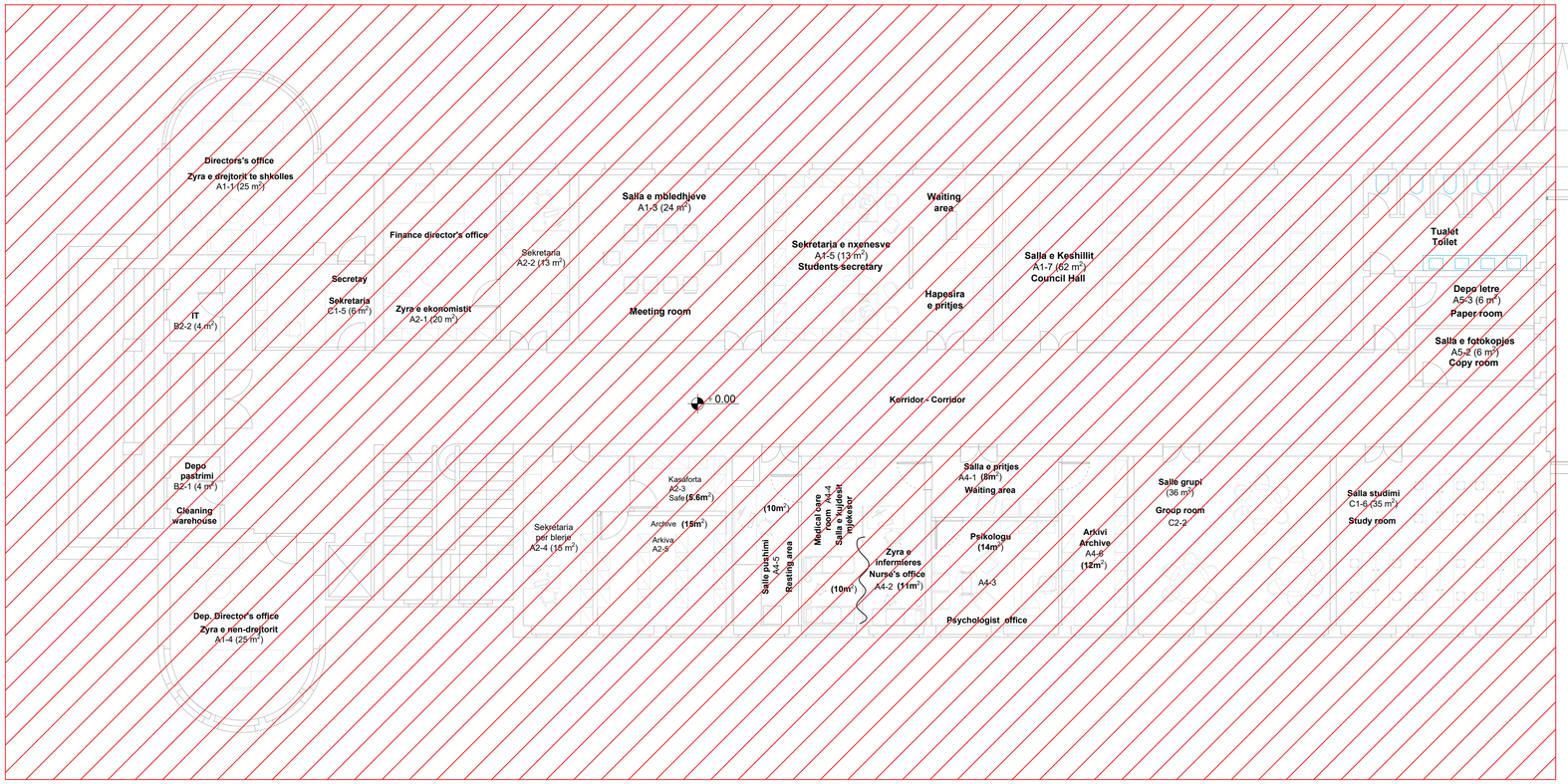
CHECKPOINT DETAILS

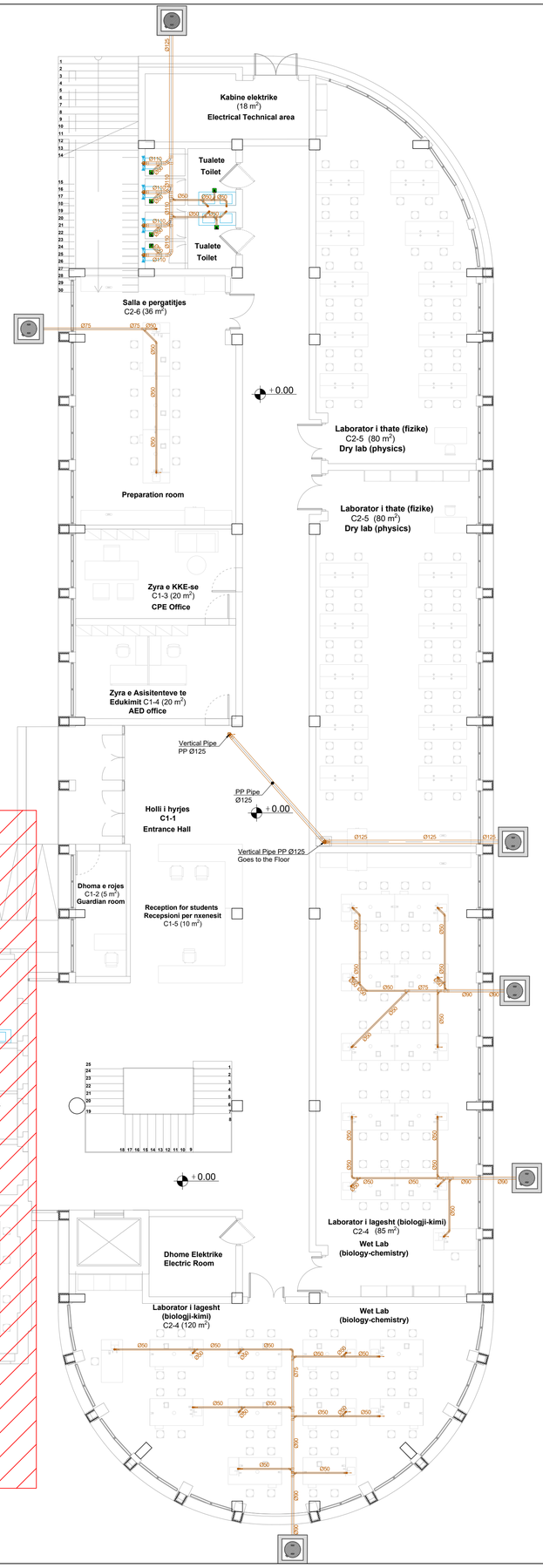


SUPPORT COLLARS ASSEMBLY DETAILS



Existing Building





LEGEND

- PP Pipe
- HDPE Corrogated Pipe
- Vertical Pipe
- Floor Drain
- Sewage Manhole

NOTES

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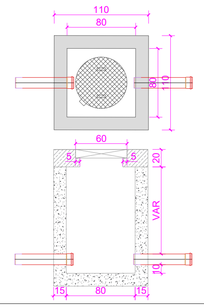
Sewage Manhole Details



LEGJENDA/ Legenda:

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

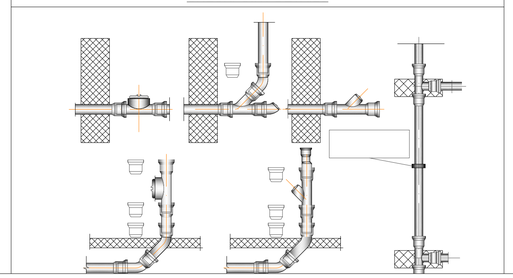
Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

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) — Rais Peleva	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA — Local Architecture Office (LOC) / Studio Lokale Arkitekture (VEND) — Myll Tojana	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING — Construction Studio / Studio Ndertimtarie — Adrian 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 MAZ	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.

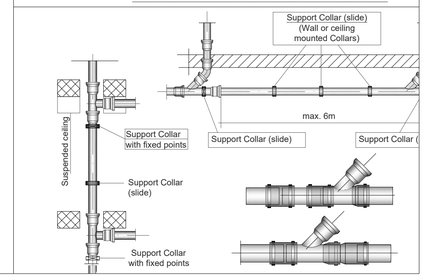
issuer	plan number:	TITULLI / Title:
M	IM-HS-KUZ-01	WASTEWATER SEWERAGE SYSTEM PIPELINE DIMENSIONING

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

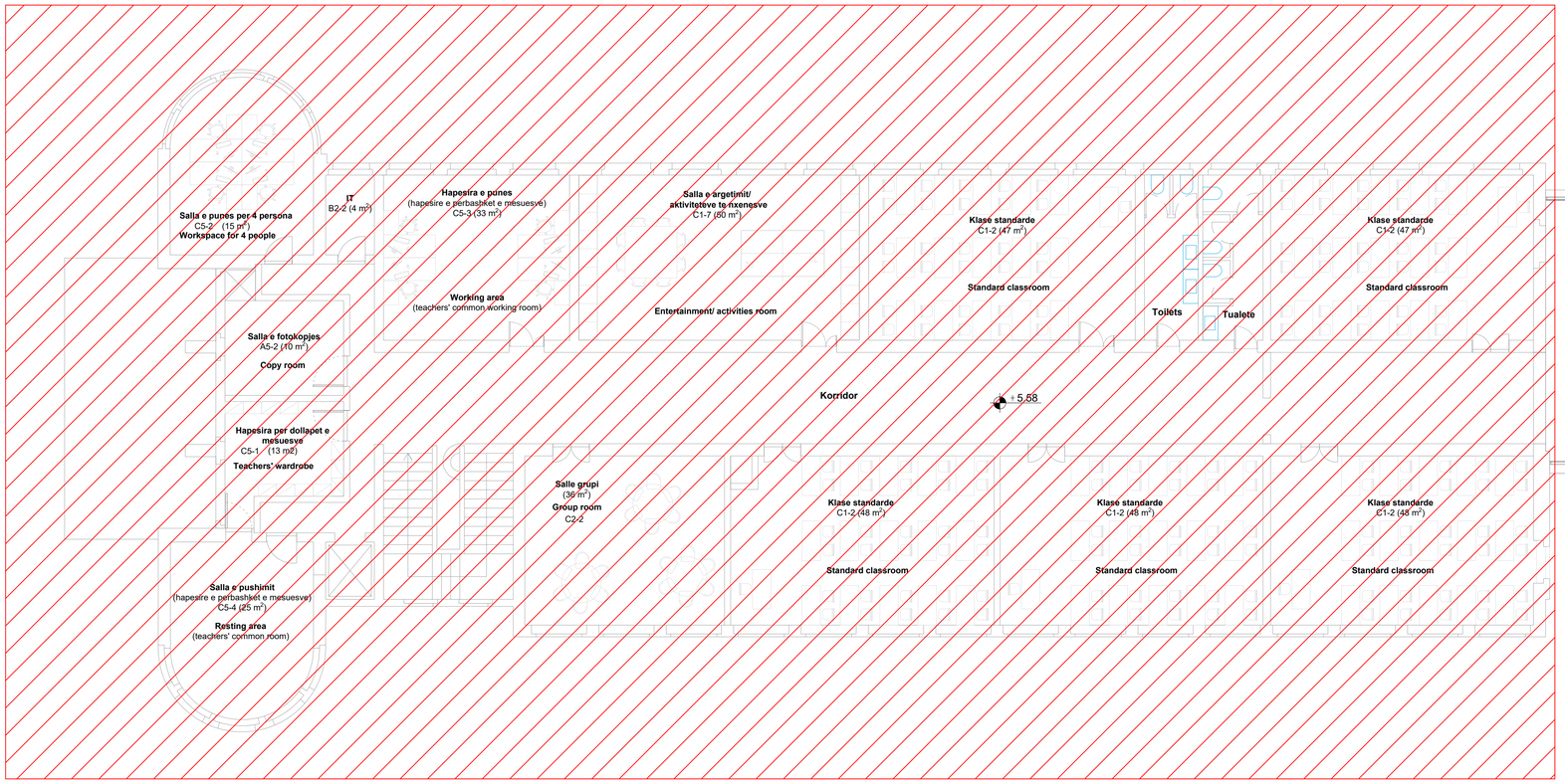
CHECKPOINT DETAILS



SUPPORT COLLARS ASSEMBLY DETAILS



Existing Building



LEGEND

- PP Pipe
- HDPE Corrogated Pipe
- Vertical Pipe
- Floor Drain
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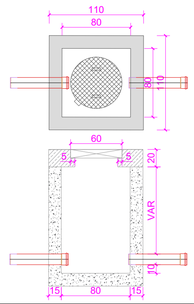

LEGJENDA/ Legenda:

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

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

issuer	plan number:	TITULLI / Title:
M	IM-HS-KUZ-02	**WASTEWATER SEWERAGE SYSTEM PIPELINE DIMENSIONING**

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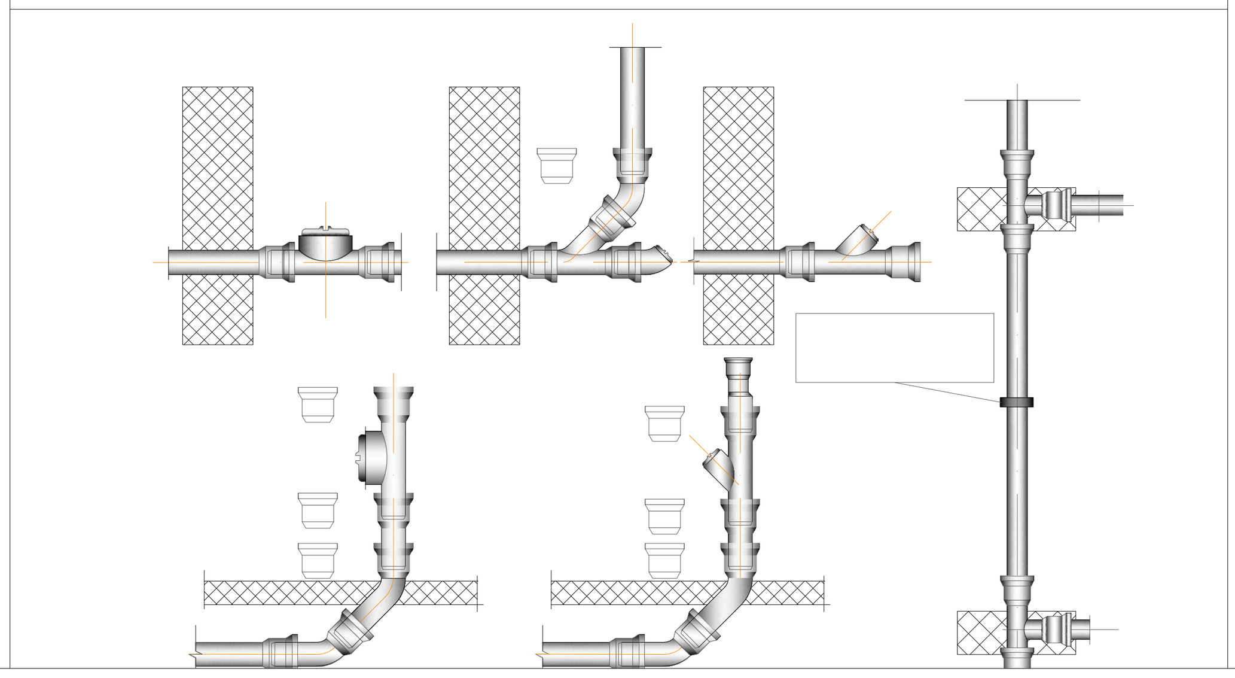
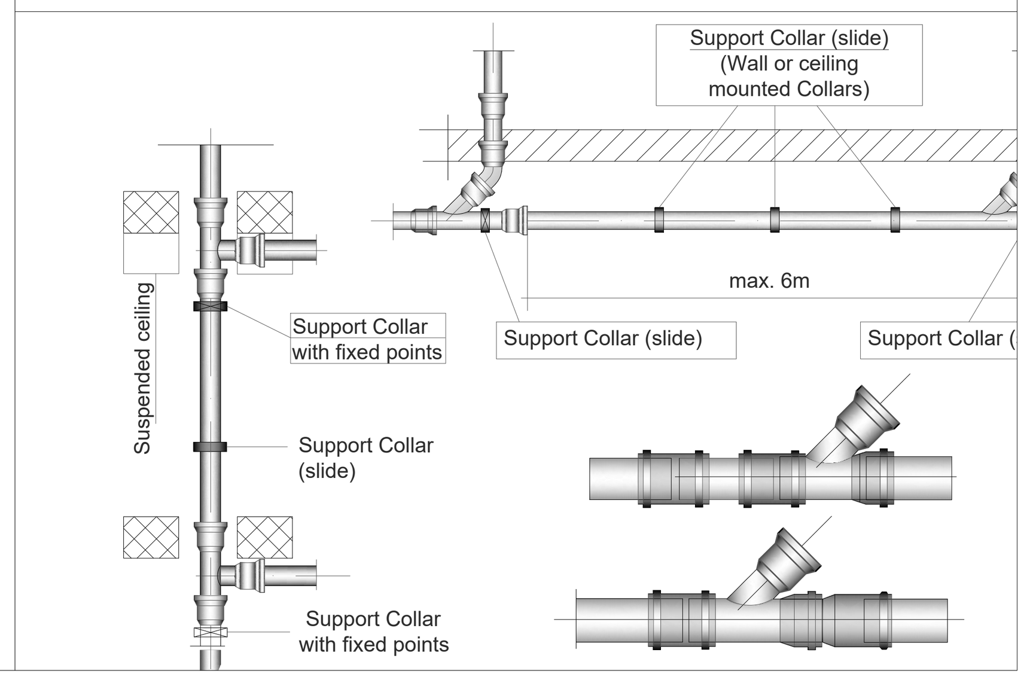
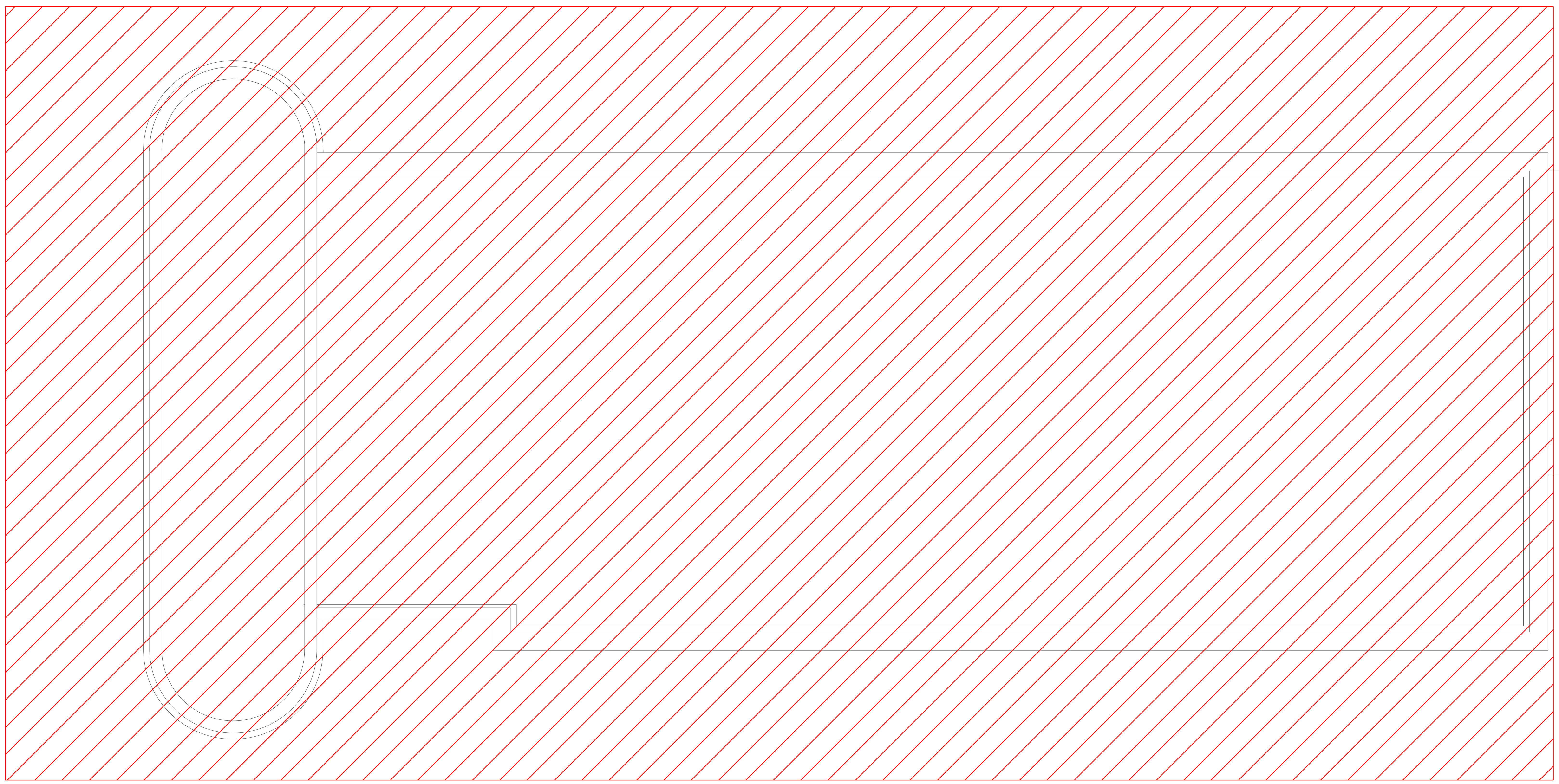
PZ	2026	1:100	A1

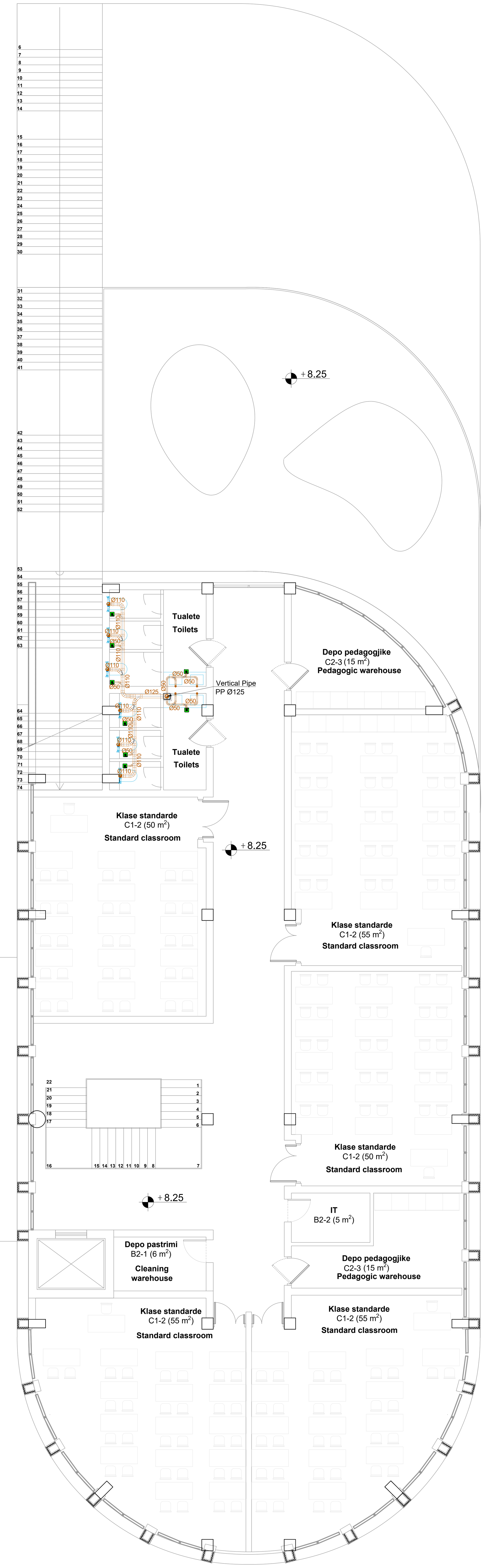
CHECKPOINT DETAILS



SUPPORT COLLARS ASSEMBLY DETAILS







LEGEND

- PP Pipe
- HDPE Corrugated Pipe
- Vertical Pipe
- Floor Drain
- Sewage Manhole

NOTES

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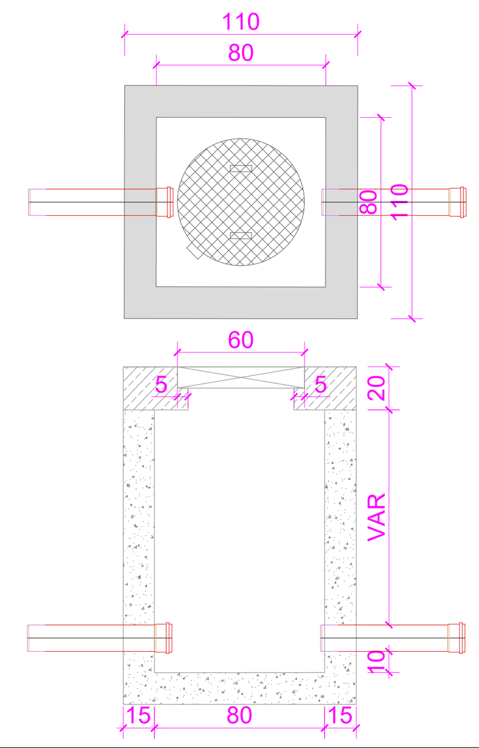


LEGJENDA/ Legenda:

SHËNIME/ 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) Rais Petrela	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.

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:	
M	iM-HS-KUZ-03	**WASTEWATER SEWERAGE SYSTEM PIPELINE DIMENSIONING**	
Faza:	**data:**	**shkalla e vizatimit:**	**formati:**
PZ	2026	1:100	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
- Rainwater Sewage System

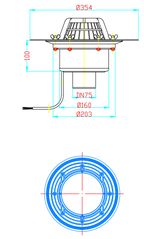
CLIENT: ALBANIAN DEVELOPMANT FUND

DESIGNED:

Studio Arkitekture
Gent Agolli

2026

DETAIL OF TERRACE DRAIN



LEGJENDA/ Legenda:

- PP Drainage Pipe
- HDPE Corrogated Drainage Pipe
- Vertical Pipe
- Terrace Drain
- Rainwater Manhole

SHËNIME/ Notes:

- All internal installations of the rainwater discharge system will be made with PP Pipe;
- The terrace must have a Slope of no less than 1% to ensure the direction of rainwater towards the drains;
- The drains of the terrace must be with bituminous membranes, D75 and completed with a heating element against frost;
- An inspection point must be located at the end of each discharge column.

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

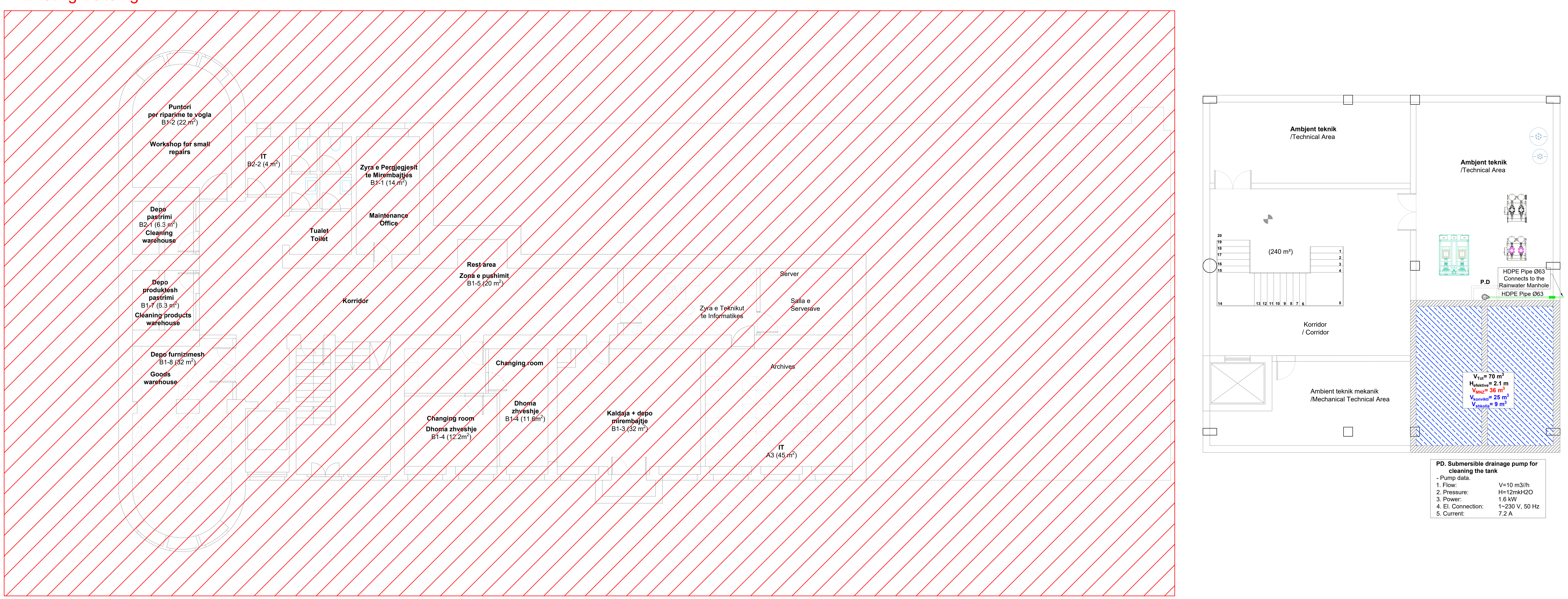
Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

iRI Local Architecture Office Studio Lokale Architecture Gent-Agridi	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
ARCHISPACE Local Architecture Office Studio Lokale Architecture Rais Petreta	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office Studio Lokale Architecture Adel Tujana	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio Studio Ndërtimore Adven 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 MAE	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.

issuer	plan number:	TITULLI / Title:
M	IM-HS-KUB-00	**RAINWATER SEWAGE SYSTEM. PIPELINE DIMENSIONING, GENPLAN**

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

Kati -1 / Floor -1

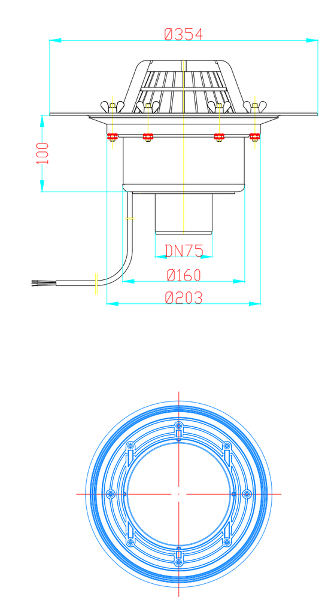


PD. Submersible drainage pump for cleaning the tank

- Pump data.

1. Flow:	V=10 m3//h
2. Pressure:	H=12mkH2O
3. Power:	1.6 kW
4. El. Connection:	1~230 V, 50 Hz
5. Current:	7.2 A

DETAIL OF TERRACE DRAIN



LEGJENDA/ Legenda:

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- Vertical Pipe
- Terrace Drain
- Rainwater Manhole

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

ARCHISPACE — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Rais Petrela

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

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

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

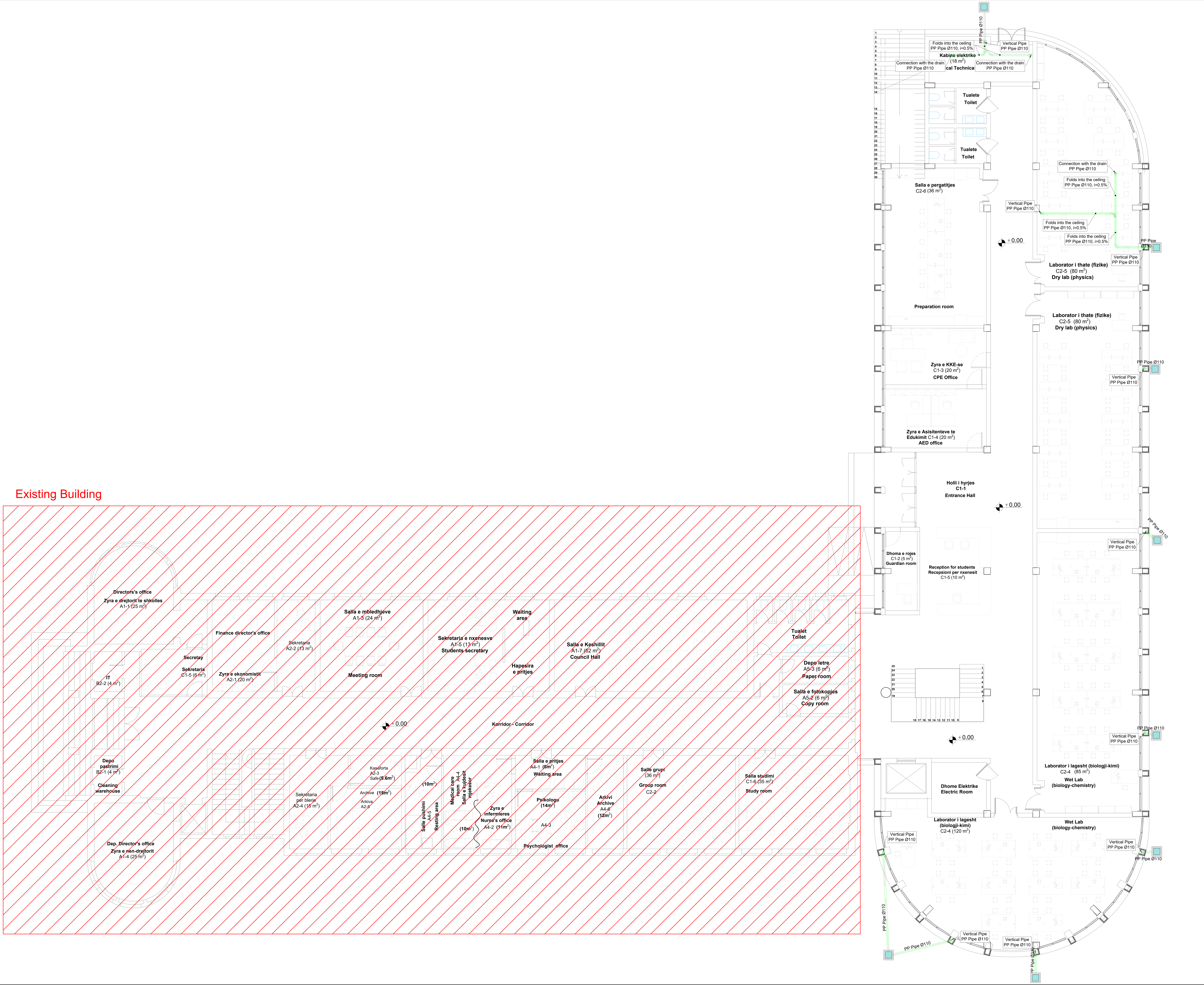
BASHKIM SHAHINAJ — E.0185/6
BESART DALLIU — E.1412/2
Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Electrical Engineering
Inxhinieri Elektrik

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

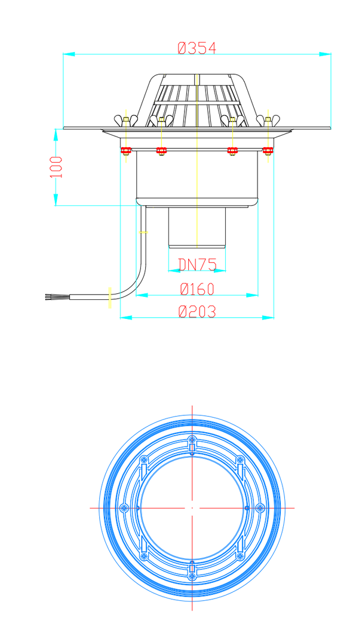
TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-HS-KUB-01	RAINWATER SEWAGE SYSTEM, PIPELINE DIMENSIONING, FLOOR PLAN -1

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



DETAIL OF TERRACE DRAIN



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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 Petrela	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.

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-HS-KUB-02	RAINWATER SEWAGE SYSTEM, PIPELINE DIMENSIONING, FLOOR PLAN 0

Faza:	data:	shkalla e vizatimit:	formati:
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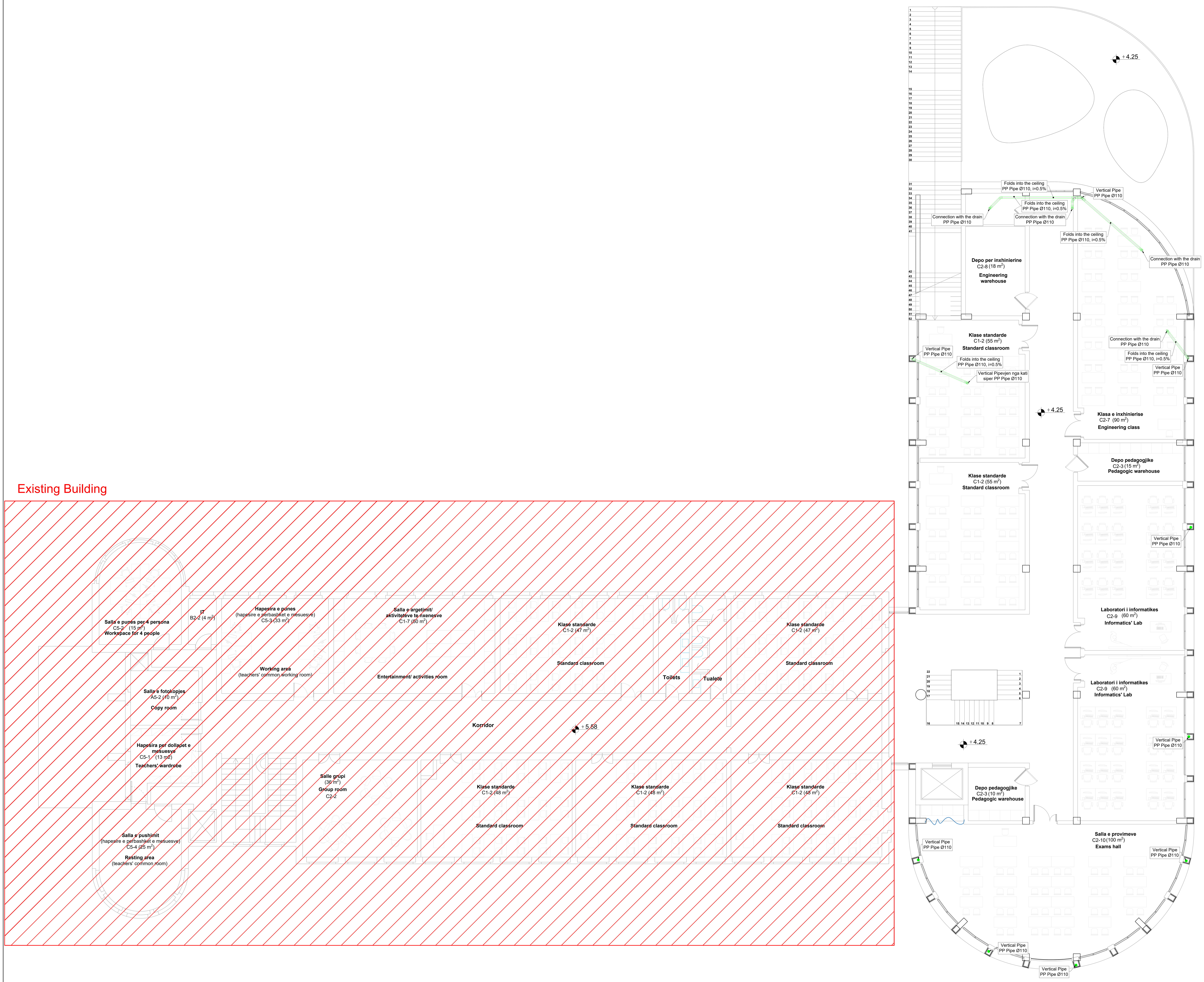
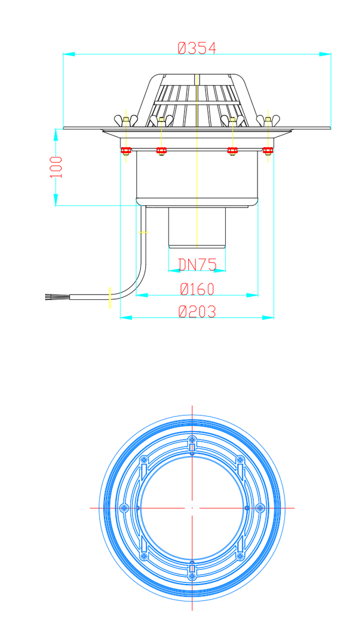


DETAIL OF TERRACE DRAIN



LEGJENDA/ Legenda:

- PP Drainage Pipe
- HDPE Corrogated Drainage Pipe
- Vertical Pipe
- Terrace Drain
- Rainwater Manhole

SHËNIME/ Notes:

- All internal installations of the rainwater discharge system will be made with PP Pipe;
- The terrace must have a Slope of no less than 1% to ensure the direction of rainwater towards the drains;
- The drains of the terrace must be with bituminous membranes, D75 and completed with a heating element against frost;
- An inspection point must be located at the end of each discharge column.

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 Petrela	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.

issuer	plan number:	TITULLI / Title:
M	iM-HS-KUB-03	**RAINWATER SEWAGE SYSTEM, PIPELINE DIMENSIONING, FLOOR PLAN +1**

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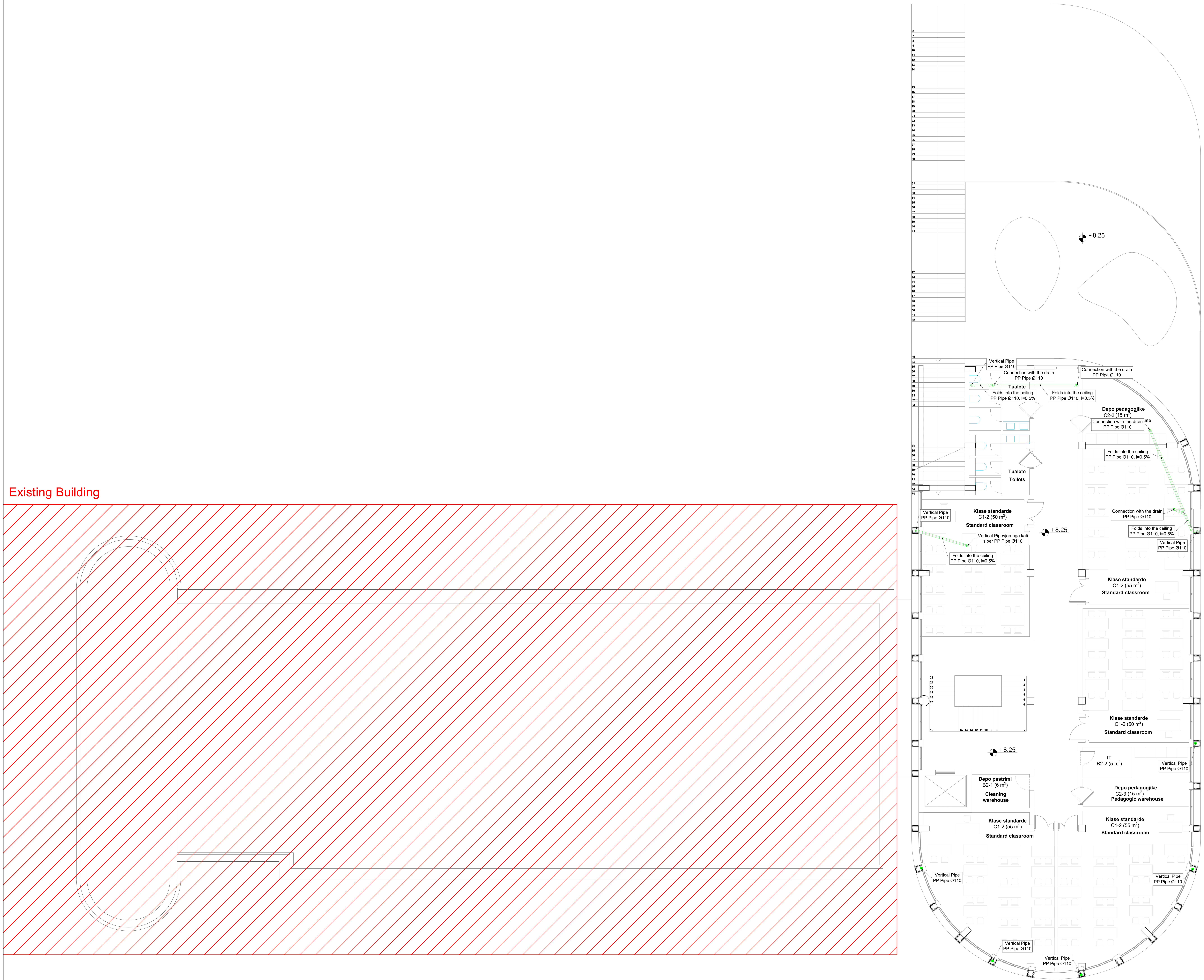
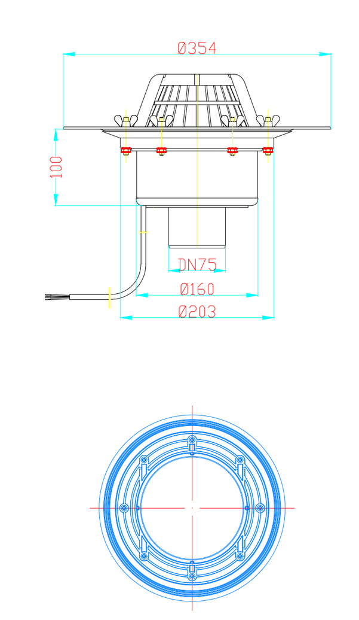


DETAIL OF TERRACE DRAIN



LEGJENDA/ Legenda:

- PP Drainage Pipe
- HDPE Corrogated Drainage Pipe
- Vertical Pipe
- Terrace Drain
- Rainwater Manhole

SHËNIME/ Notes:

- All internal installations of the rainwater discharge system will be made with PP Pipe;
- The terrace must have a Slope of no less than 1% to ensure the direction of rainwater towards the drains;
- The drains of the terrace must be with bituminous membranes, D75 and completed with a heating element against frost;
- An inspection point must be located at the end of each discharge column.

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

ARCHISPACE — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Rais Petrela

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

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

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

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

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-HS-KUB-04	**RAINWATER SEWAGE SYSTEM, PIPELINE DIMENSIONING, FLOOR PLAN +2**

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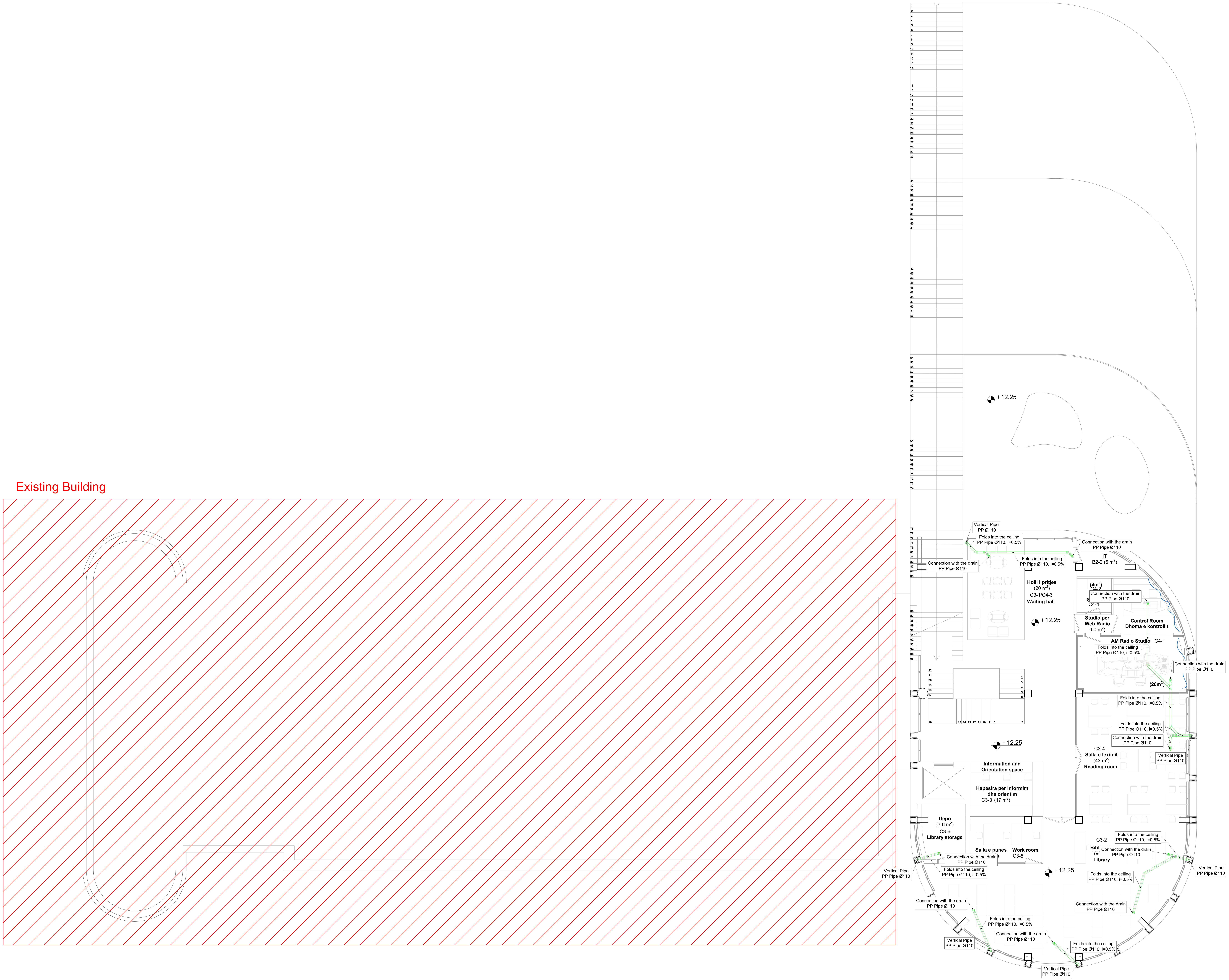
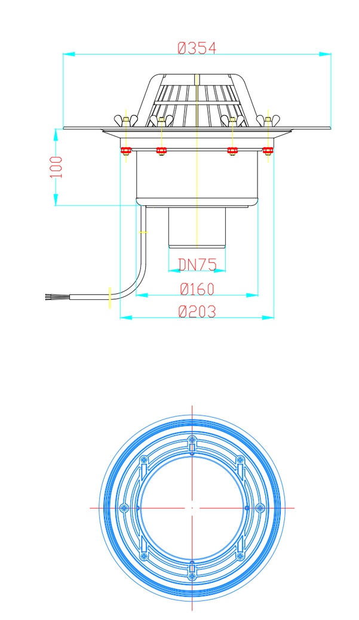


DETAIL OF TERRACE DRAIN



LEGJENDA/ Legenda:

- PP Drainage Pipe
- HDPE Corrogated Drainage Pipe
- Vertical Pipe
- Terrace Drain
- Rainwater Manhole

SHËNIME/ Notes:

- All internal installations of the rainwater discharge system will be made with PP Pipe;
- The terrace must have a Slope of no less than 1% to ensure the direction of rainwater towards the drains;
- The drains of the terrace must be with bituminous membranes, D75 and completed with a heating element against frost;
- An inspection point must be located at the end of each discharge column.

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 Petrela	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.

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-HS-KUB-05	**RAINWATER SEWAGE SYSTEM, PIPELINE DIMENSIONING, FLOOR PLAN +3**

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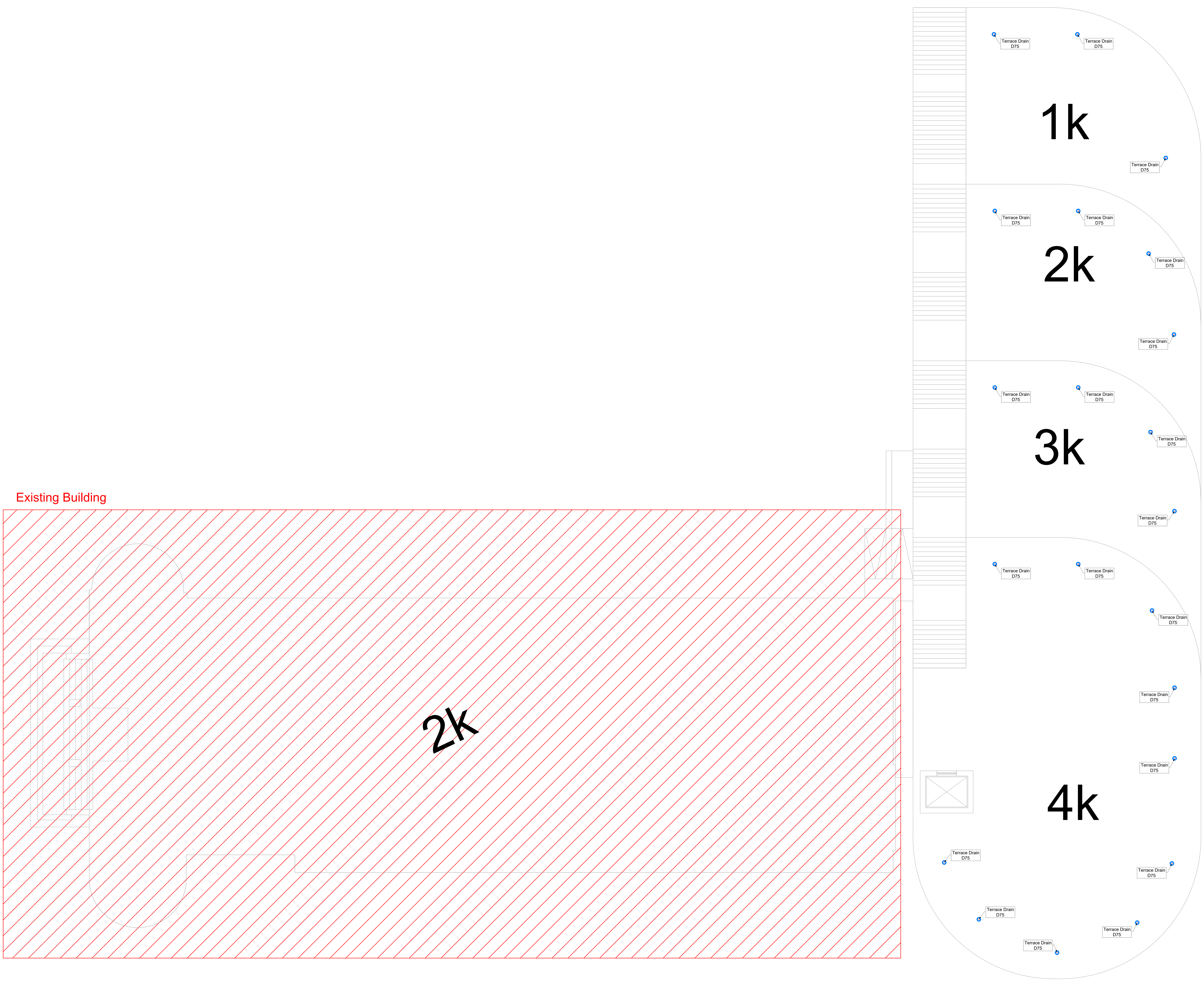
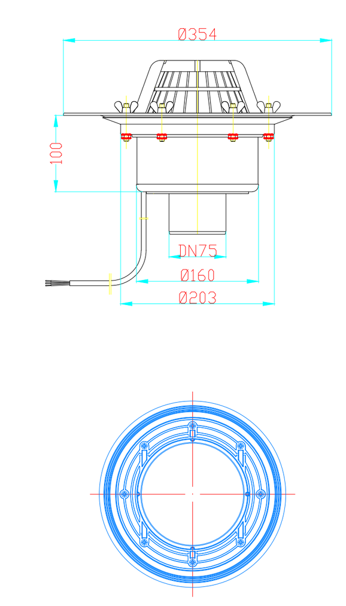


DETAIL OF TERRACE DRAIN



LEGJENDA/ Legenda:

- PP Drainage Pipe
- HDPE Corrogated Drainage Pipe
- Vertical Pipe
- Terrace Drain
- Rainwater Manhole

SHËNIME/ Notes:

- All internal installations of the rainwater discharge system will be made with PP Pipe;
- The terrace must have a Slope of no less than 1% to ensure the direction of rainwater towards the drains;
- The drains of the terrace must be with bituminous membranes, D75 and completed with a heating element against frost;
- An inspection point must be located at the end of each discharge column.

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

ARCHISPACE — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Rais Petrela

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

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

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

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

issuer	plan number:	TITULLI / Title:
M	iM-HS-KUB-06	**RAINWATER SEWAGE SYSTEM, PIPELINE DIMENSIONING, TERRACE**

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

N

MECHANICAL INSTALLATIONS

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

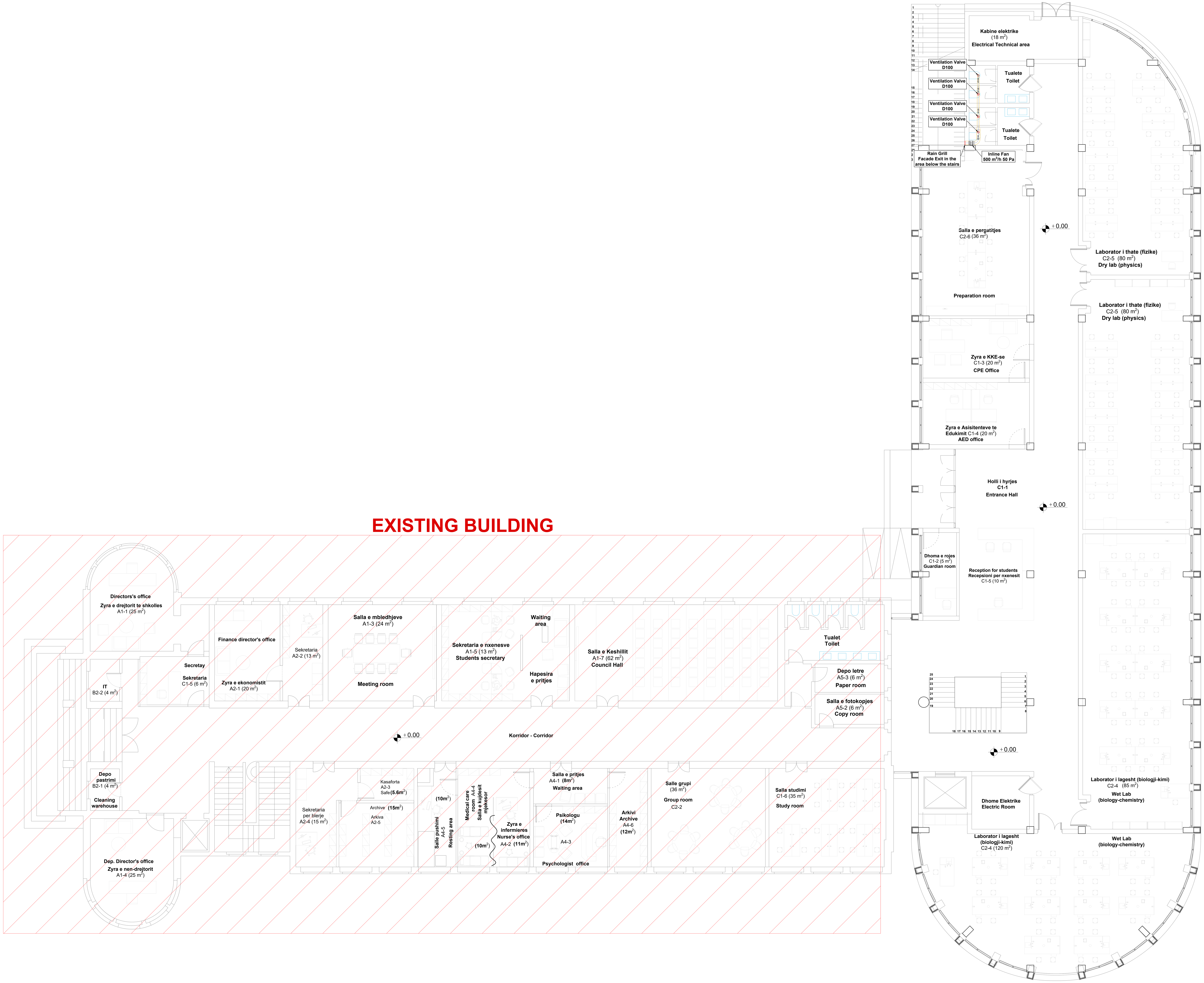
SYSTEM: HEATING, VENTILATION AND AIR CONDITIONING DESIGN
- Toilet ventilation

CLIENT: ALBANIAN DEVELOPMENT FUND

DESIGNED BY:

Studio Arkitekture
Gent Agolli

2025



LEGEND

- PP Aspiration Pipe
- Ventilation Valve
- Inline Fan

NOTES

- The toilet suctions will be made with PP pipes and will pass through the ceilings of the premises and exit to the facade.
- The suctions will have parameters according to the specifications in the drawing.

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

ARCHISPACE — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Rais Petrela

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

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

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

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

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-AS-01	**TOILET VENTILATION LAYOUT FLOOR ±0.00**

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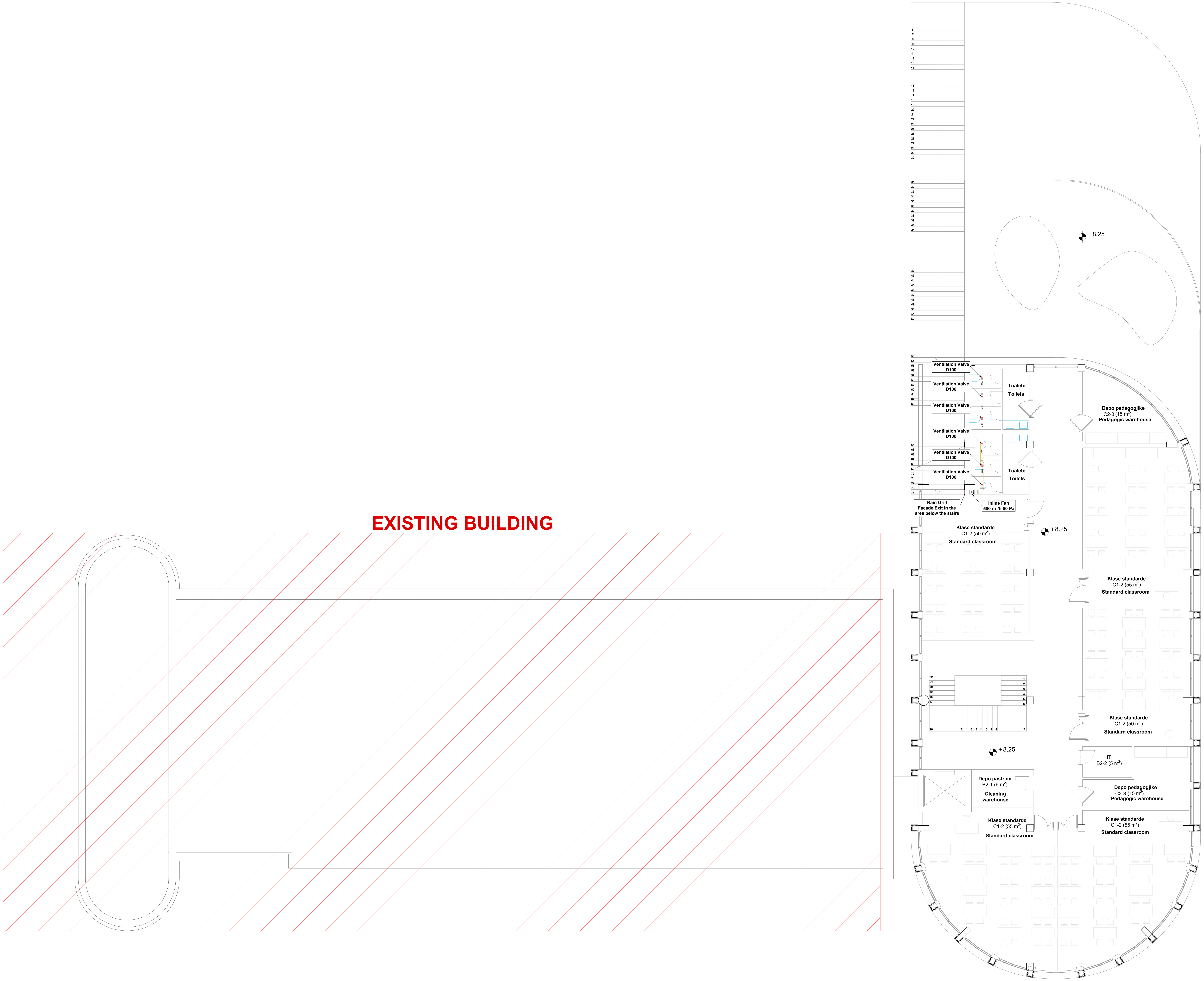


LEGEND

- PP Aspiration Pipe
- Ventilation Valve
- Inline Fan

NOTES

- The toilet suctions will be made with PP pipes and will pass through the ceilings of the premises and exit to the facade.
- The suctions will have parameters according to the specifications in the drawing.

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

ARCHISPACE — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Rais Petrela

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

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

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

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

issuer	plan number:	TITULLI / Title:
M	iM-AS-02	TOILET VENTILATION LAYOUT FLOOR +2

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

M E C H A N I C A L I N S T A L 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: HEATING, VENTILATION AND AIR CONDITIONING DESIGN
- VRF SYSTEM

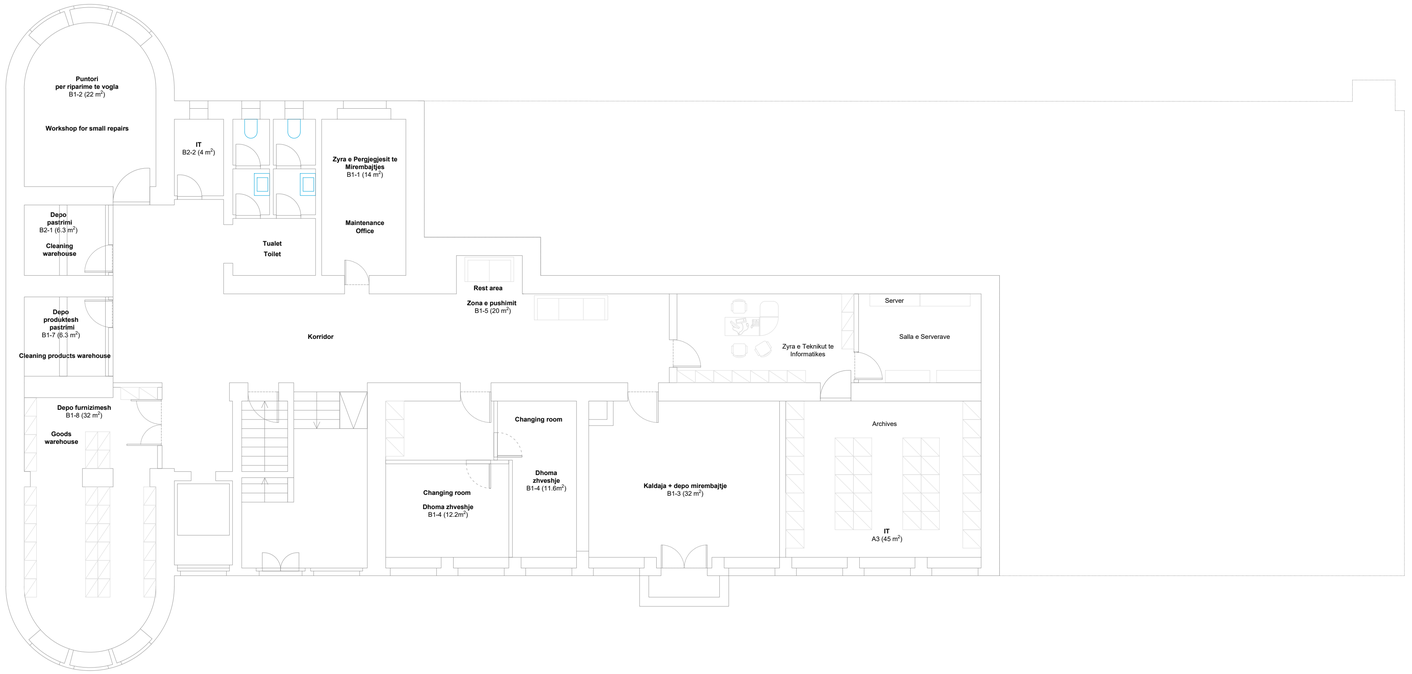
CLIENT: ALBANIAN DEVELOPMENT FUND

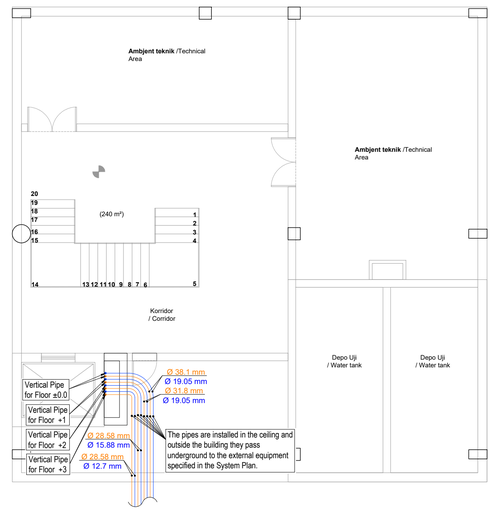
DESIGNED BY:

Studio Arkitekture
Gent Agolli

2026

Kati -1 / Floor -1





LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- 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.

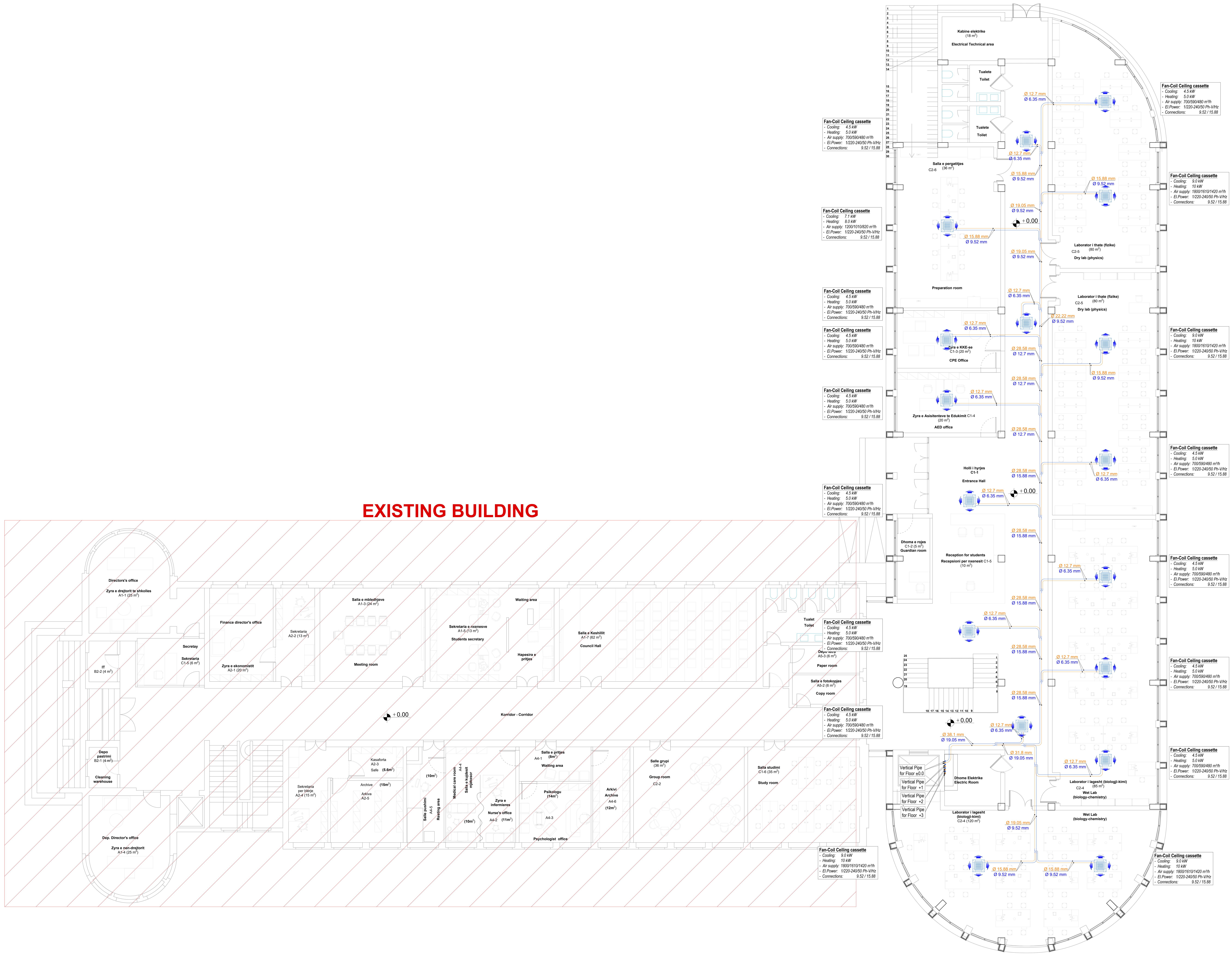
PROJEKTI / Project:
Ngritja e Infrastrukturës Arsimore të Liceut Franko-Shqiptar të Shkencave dhe Inovacionit, Bashkia Korçë / Establishment of the Educational Infrastructure of the Franko-Albanian Lyceum of Sciences and Innovation, Municipality of Korça

Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

Local Architecture Office Studio Lokale Arkitekture Gent Agolli (LOC) (VENO)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office Studio Lokale Arkitekture Rais Petreta (LOC) (VENO)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office Studio Lokale Arkitekture Ajtid Topore (LOC) (VENO)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Construction Studio Studio Konstruksion Arben Demolli	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Hydro-Mechanical Engineering Inxhinier Hidro-Mekanik dhe MAZ	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.

issuer	plan number:	TITULLI / Title:
M	IM-NVAK-00	**SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE, PLANIMETRIA E KATIT PËRDHE**

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



LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- 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
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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) Rais Petrela	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.

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-NVAK-01	**SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE, PLANIMETRIA E KATIT PËRDHE**

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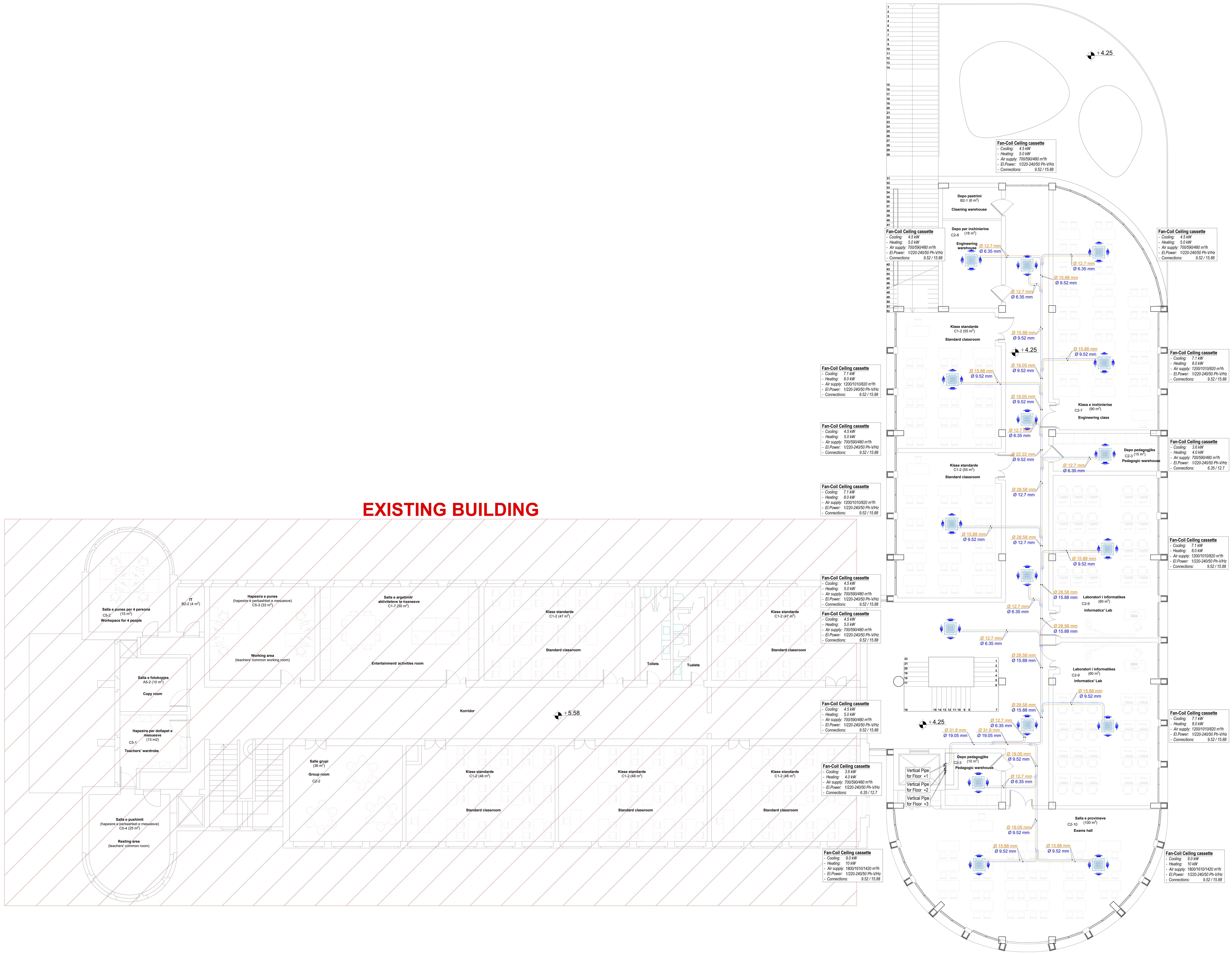

LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- 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.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Rais Petrela	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.

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-NVAK-02	**SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE, PLANIMETRIA E KATIT TË PARË**

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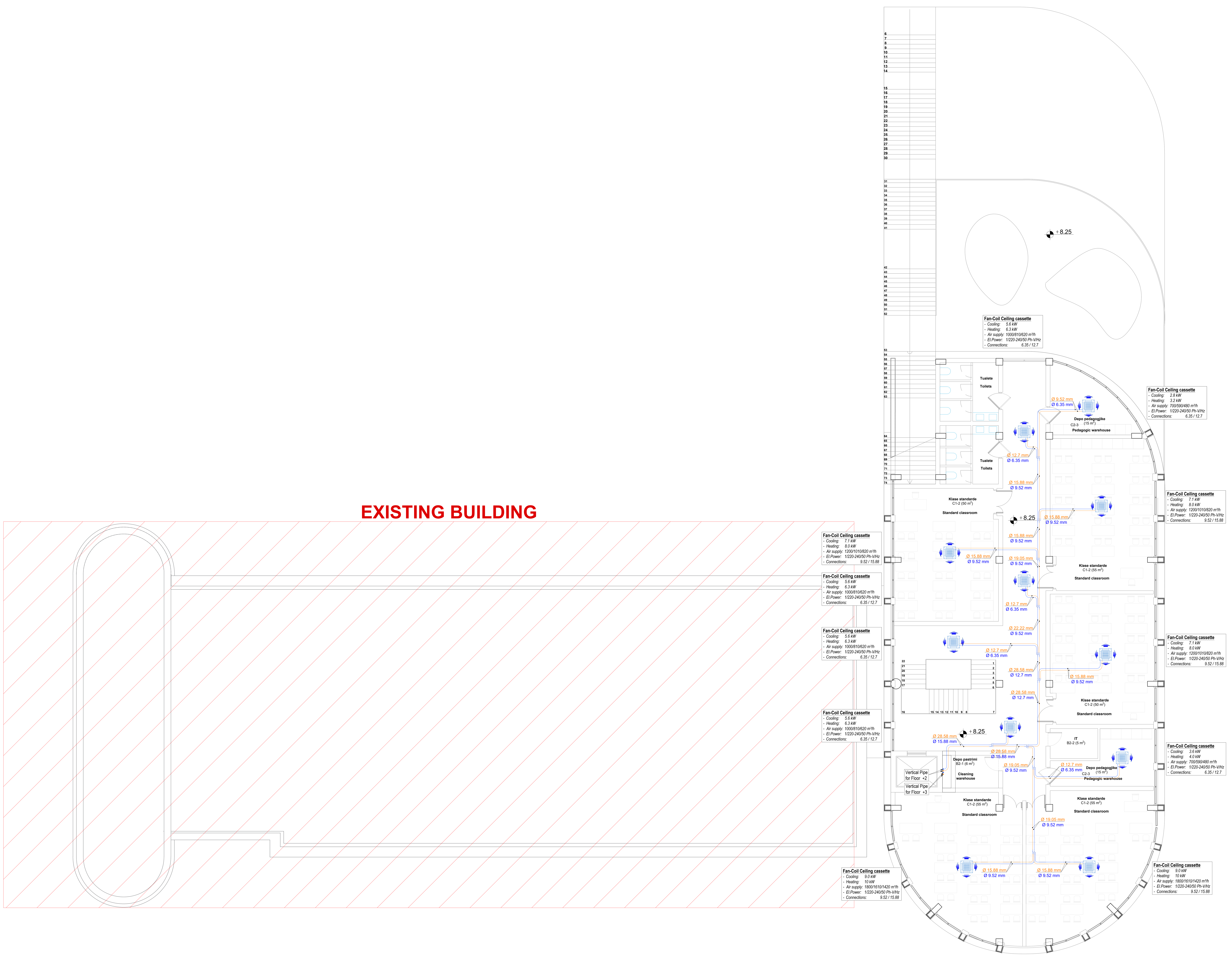
PZ	2026	1:100	A1



LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Branch
- Copper Pipe, Liquid Refrigerant
- Copper Pipe, Gas Refrigerant
- PP Pipe

NOTE:

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- 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 — N.6844 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Gent Agolli

ARCHISPACE — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Rais Petrela

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

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

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

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

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-NVAK-03	SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE, PLANIMETRIA E KATIT TË DYTË

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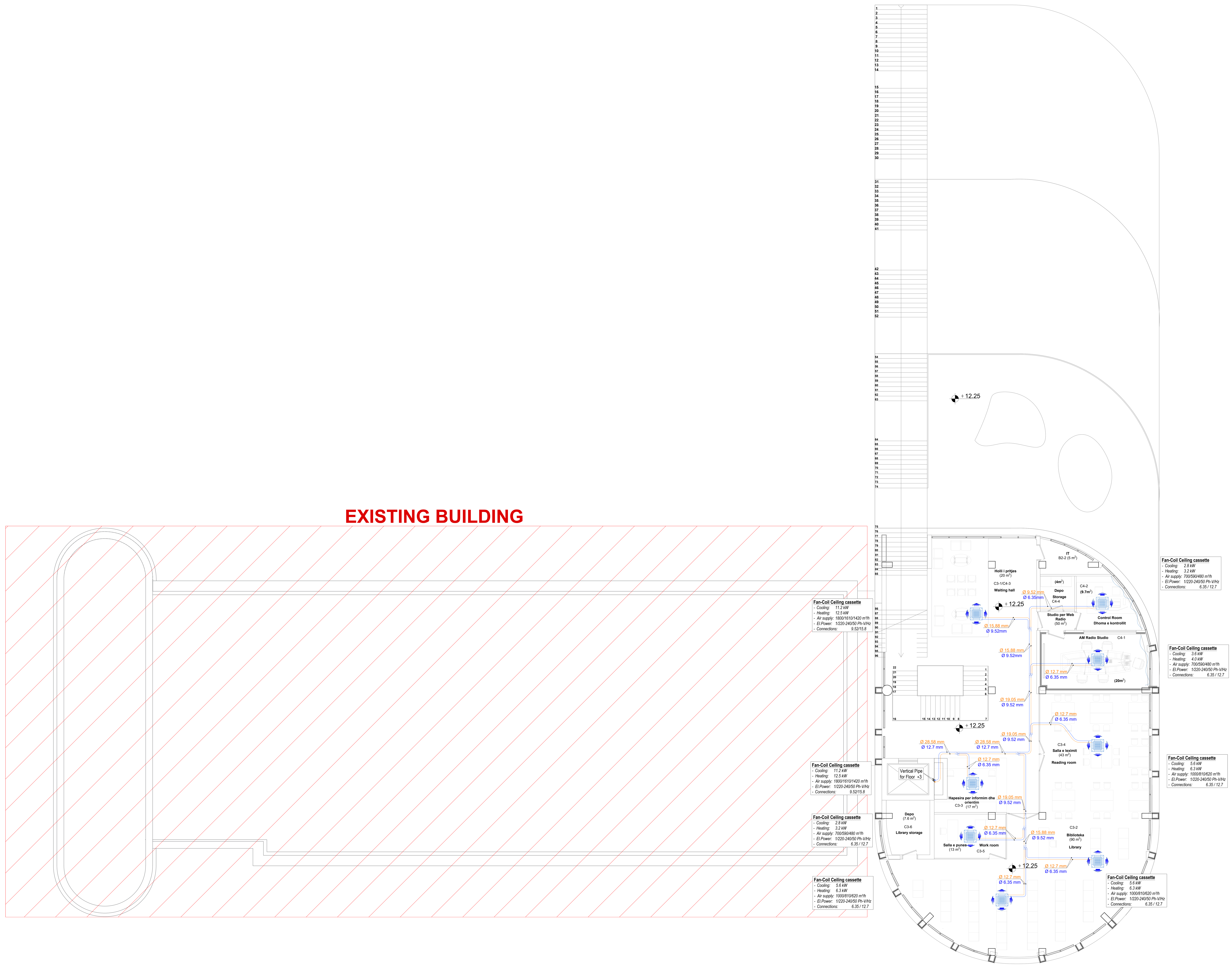

LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- 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
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- 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.
ARCHISPACE Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Rais Petrela	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.

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:	
M	iM-NVAK-04	SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE, PLANIMETRIA E KATIT TË TRETË	
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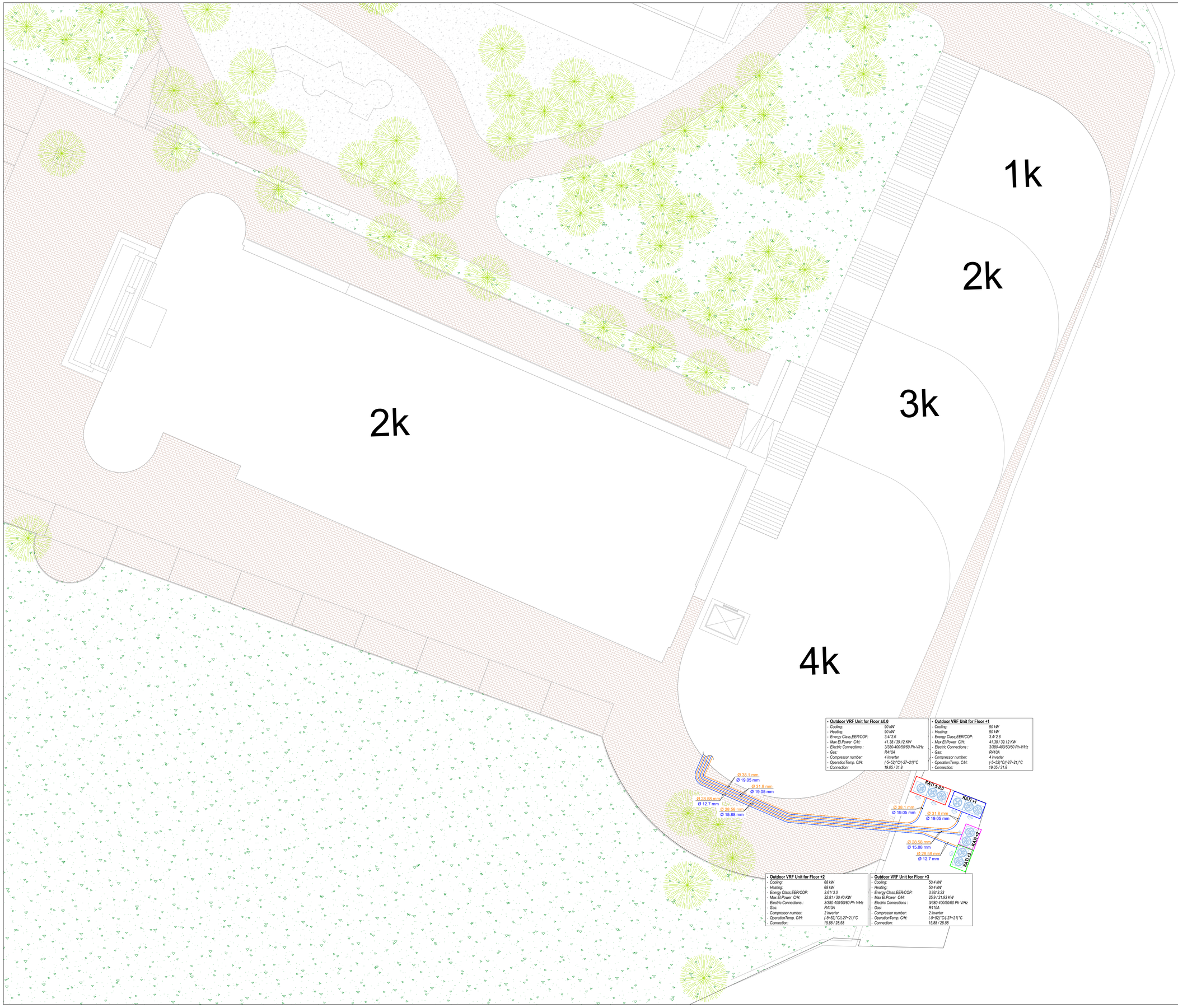

- Outdoor VRF Unit for Floor ±0.0

- Cooling:	90 kW
- Heating:	90 kW
- Energy Class,EER/COP:	3.4/ 2.6
- Max El.Power C/H:	41.38 / 39.12 KW
- Electric Connections :	3/380-400/50/60 Ph-V/Hz
- Gas:	R410A
- Compressor number:	4 inverter
- OperationTemp. C/H:	(-5~52)°C/(-27~21)°C
- Connection:	19.05 / 31.8

- Outdoor VRF Unit for Floor +1

- Cooling:	90 kW
- Heating:	90 kW
- Energy Class,EER/COP:	3.4/ 2.6
- Max El.Power C/H:	41.38 / 39.12 KW
- Electric Connections :	3/380-400/50/60 Ph-V/Hz
- Gas:	R410A
- Compressor number:	4 inverter
- OperationTemp. C/H:	(-5~52)°C/(-27~21)°C
- Connection:	19.05 / 31.8

- Outdoor VRF Unit for Floor +2

- Cooling:	68 kW
- Heating:	68 kW
- Energy Class,EER/COP:	3.61/ 3.0
- Max El.Power C/H:	32.81 / 30.40 KW
- Electric Connections :	3/380-400/50/60 Ph-V/Hz
- Gas:	R410A
- Compressor number:	2 inverter
- OperationTemp. C/H:	(-5~52)°C/(-27~21)°C
- Connection:	15.88 / 28.58

- Outdoor VRF Unit for Floor +3

- Cooling:	50.4 kW
- Heating:	50.4 kW
- Energy Class,EER/COP:	3.93/ 3.23
- Max El.Power C/H:	25.9 / 21.93 KW
- Electric Connections :	3/380-400/50/60 Ph-V/Hz
- Gas:	R410A
- Compressor number:	2 inverter
- OperationTemp. C/H:	(-5~52)°C/(-27~21)°C
- Connection:	15.88 / 28.58

LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- 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
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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:
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 Ilias Petreta	**ARCHISPACE** N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office Studio Lokale Arkitekture Adel Tujana	**SPHAERA** N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
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.
Hydro-Mechanical Engineering Inxhinier Hidro-Mekanik dhe HAZ	**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.

issuer	plan number:	TITULLI / Title:
M	IM-NVAK-05	**SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE, PARAQITJA E PAJISJEVE TË JASHTME VRF NË PLAN SISTEMIM**

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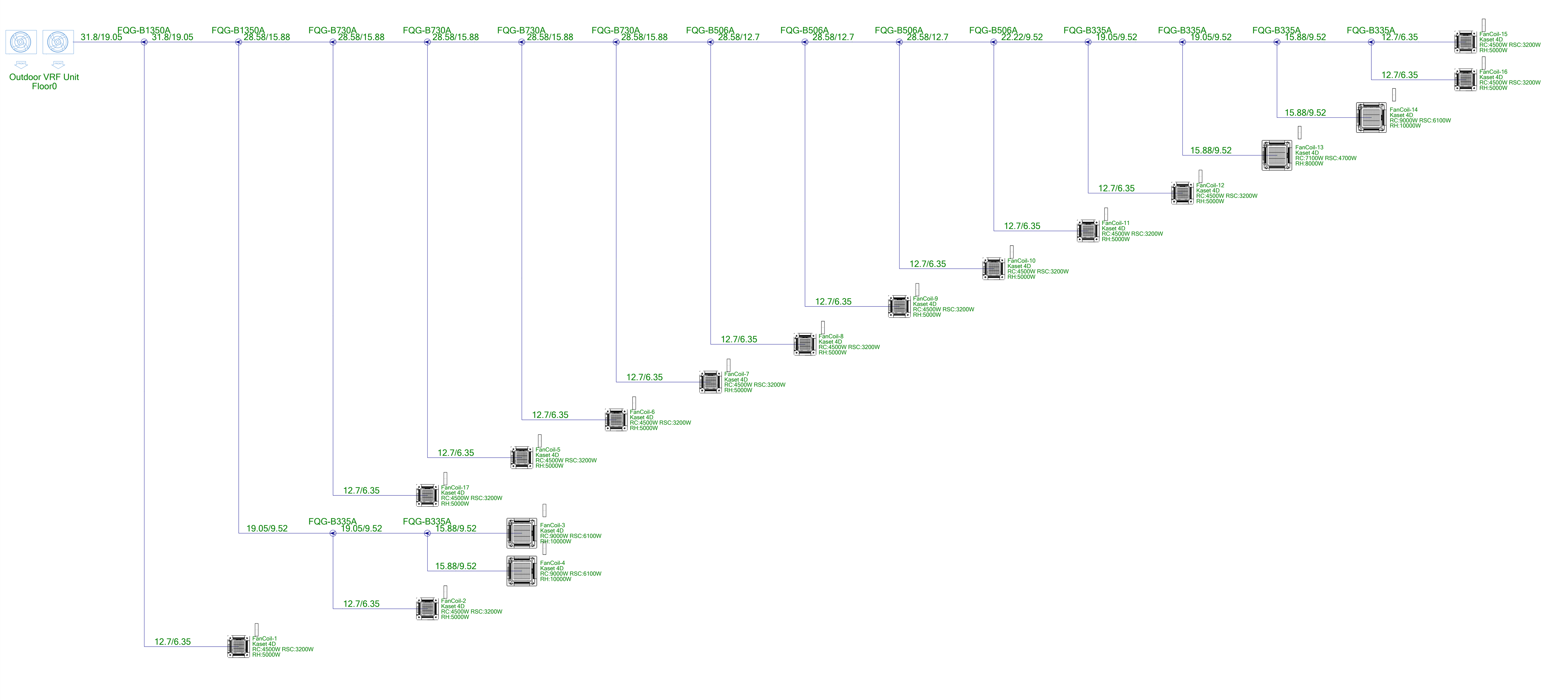
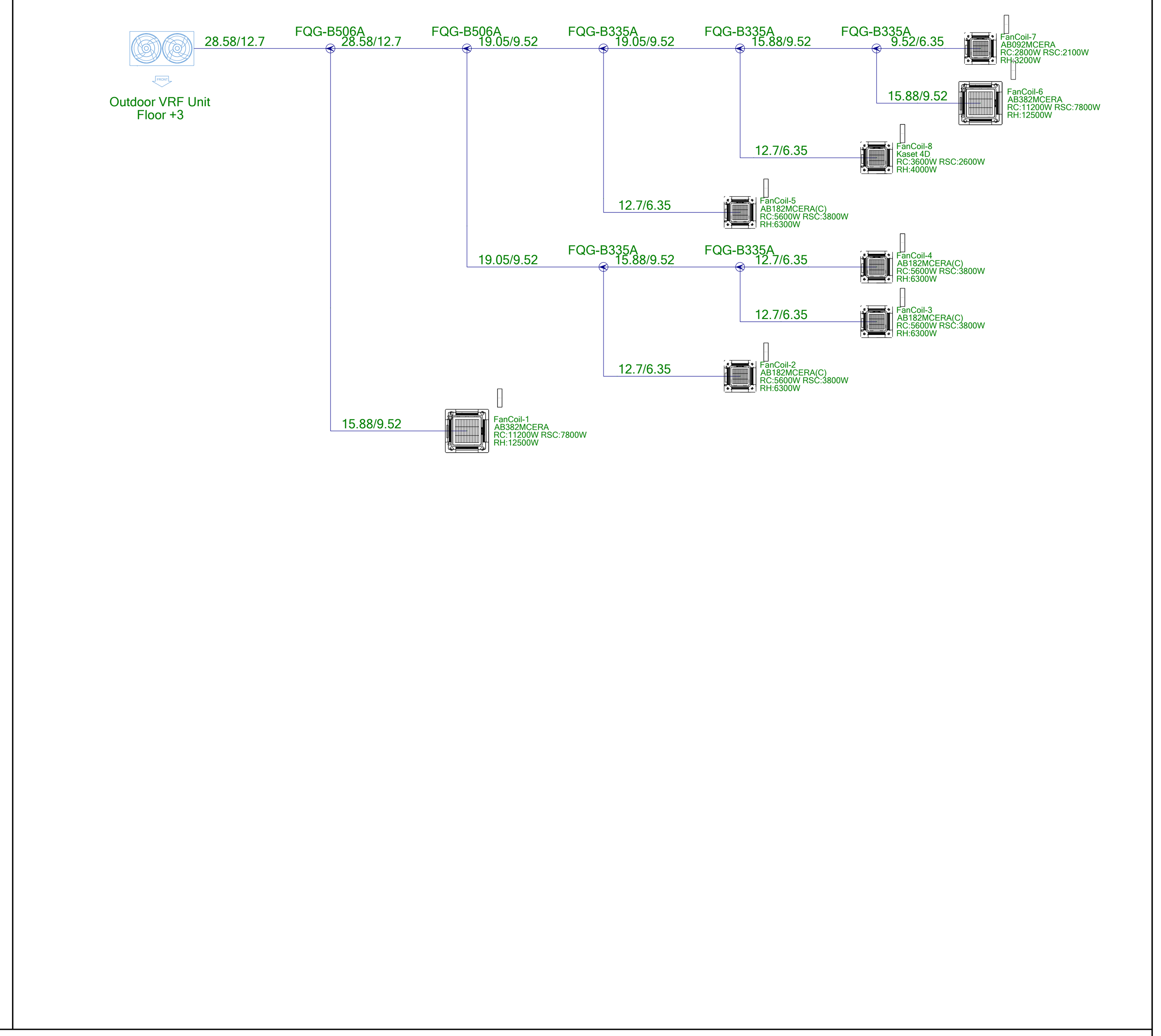


DIMENSIONING SCHEME FOR THE FLOOR +3



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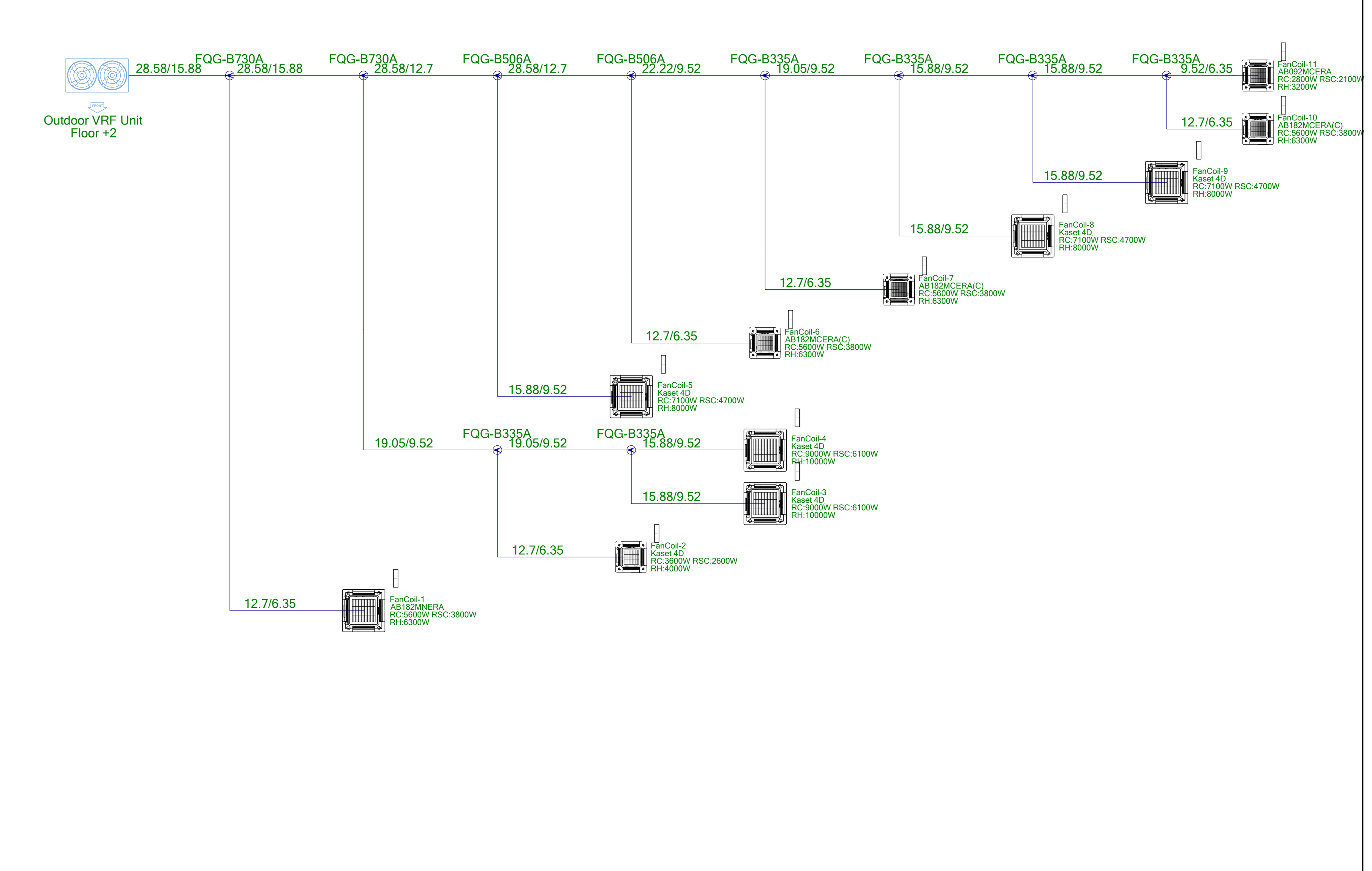
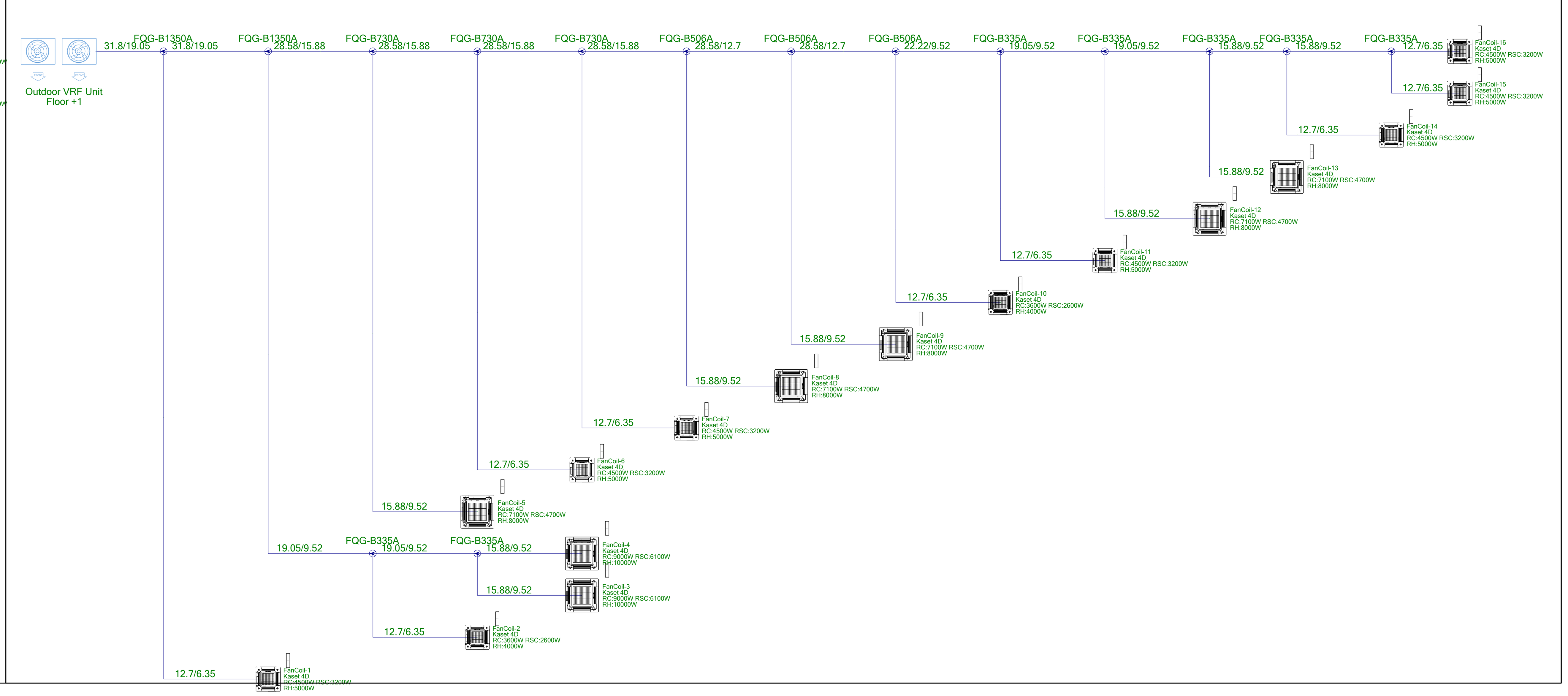


DIMENSIONING SCHEME FOR THE FLOOR +1



LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- 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
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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 Petrela	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.

issuer	plan number:	TITULLI / Title:
M	iM-NVAK-06	**SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE, SKEMA PRINCIPALE**

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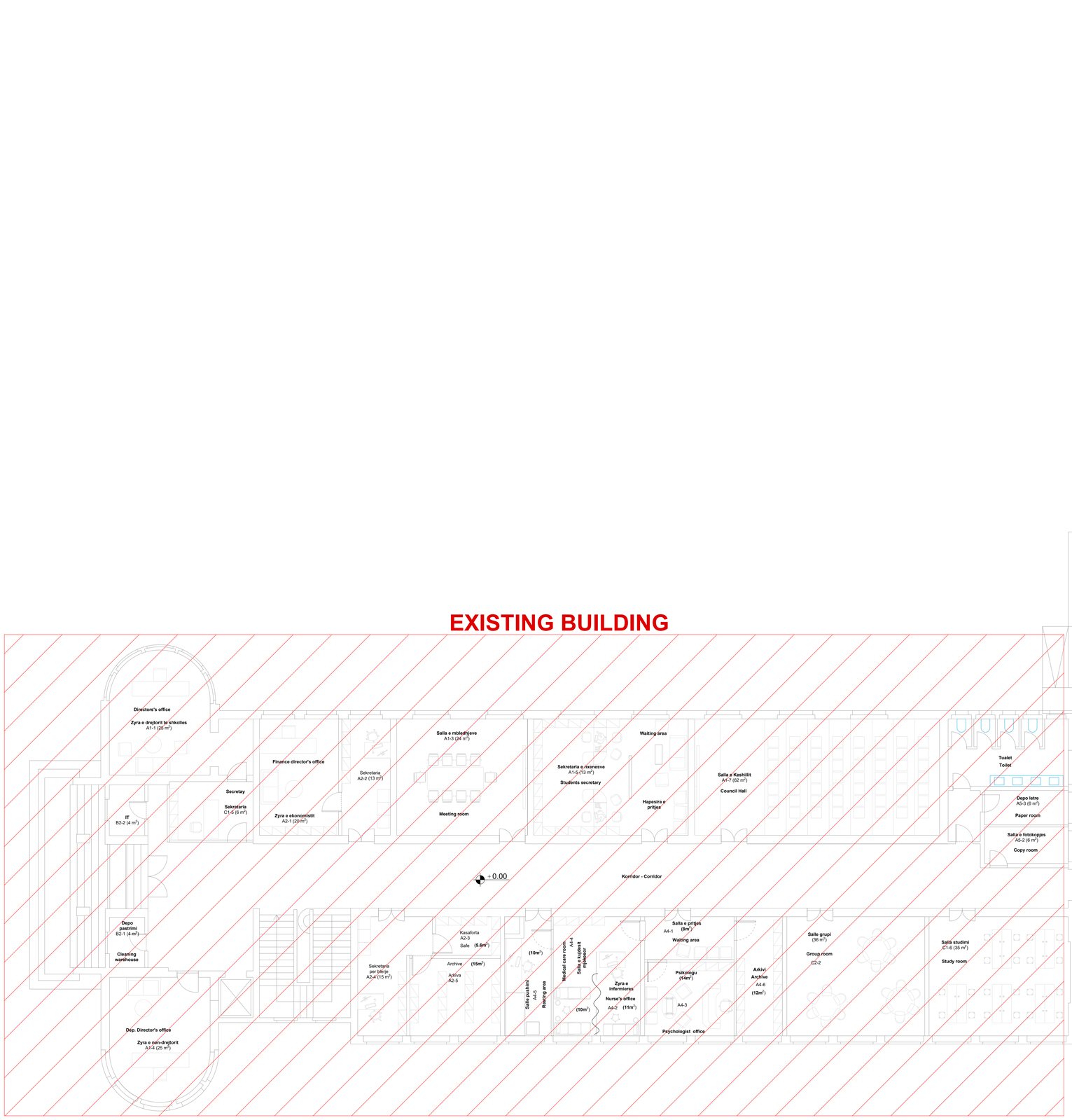
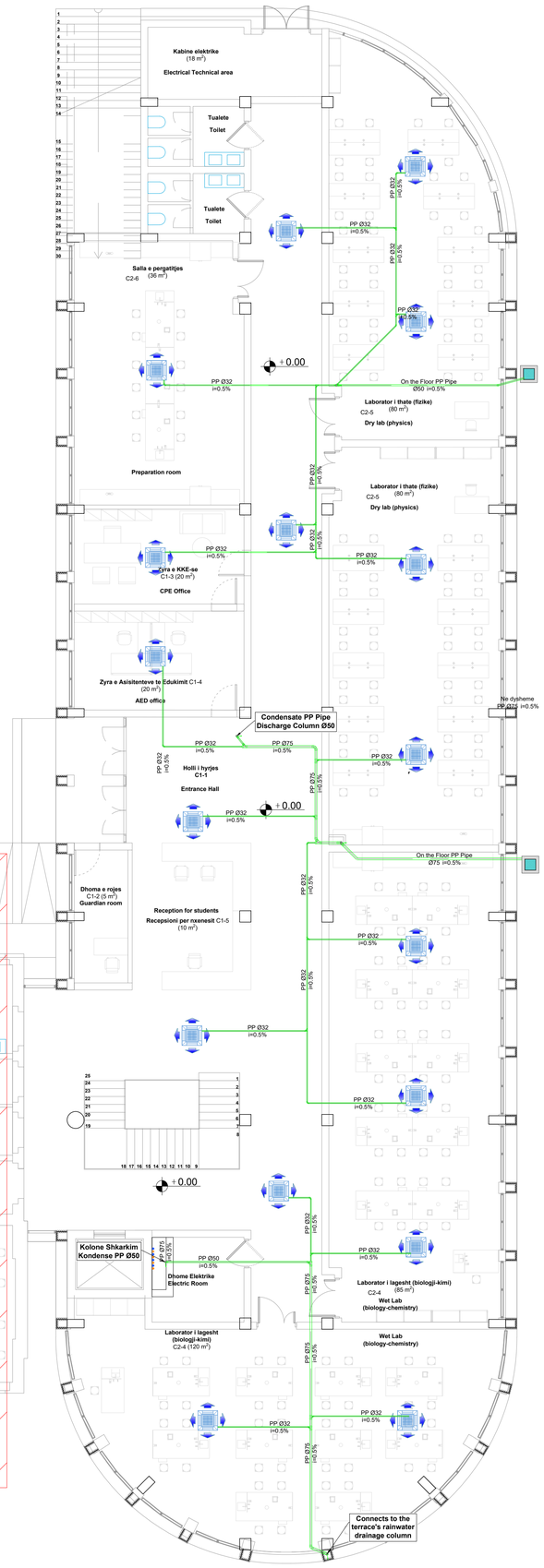
PZ	2026		A1

EXISTING BUILDING





LEGEND

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- Branch
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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 Franko-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 / Ilva Perlea (LOC) (VENDI)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office / Studio Lokale Arkitekture / Ajsel Tirana (LOC) (VENDI)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio / Studio Konstruktiv / 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.

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

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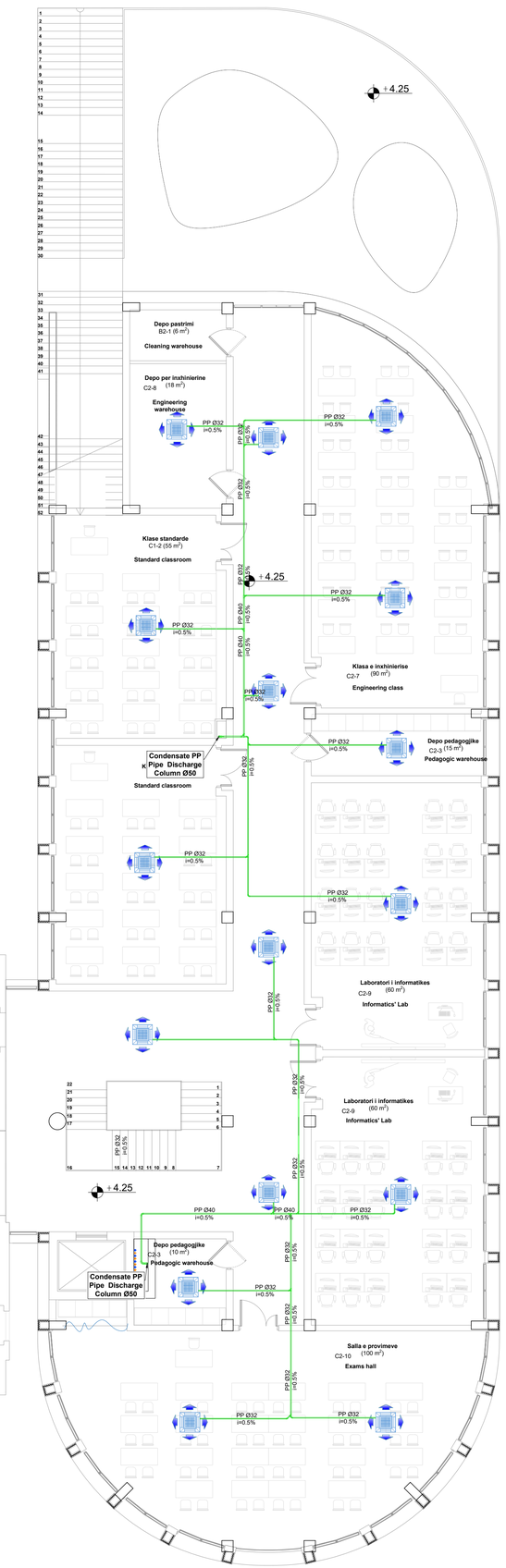
TE GJITHA DIMENSIONET DUHET TE VERIFIKOHEN NGA KONTRAKTORI NE VEND

E RENDËSISHME: Këto vizatime janë pronë e iRI. Rruga DERVISH HIMA, nr.8 kati i parë – 1007 TIRANË. Kopjimi, shumëfishimi apo shpërndarja e këtyre vizatimeve (apo pjesëve të tyre) pa lejen me shkrim të iRI ështe e ndaluar.

issuer	plan number:	TITULLI / Title:
M	IM-NVAK-K-07	SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE TE KONDENSES, PLANIMETRIA E KATIT PËRDHE

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

EXISTING BUILDING



LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- 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

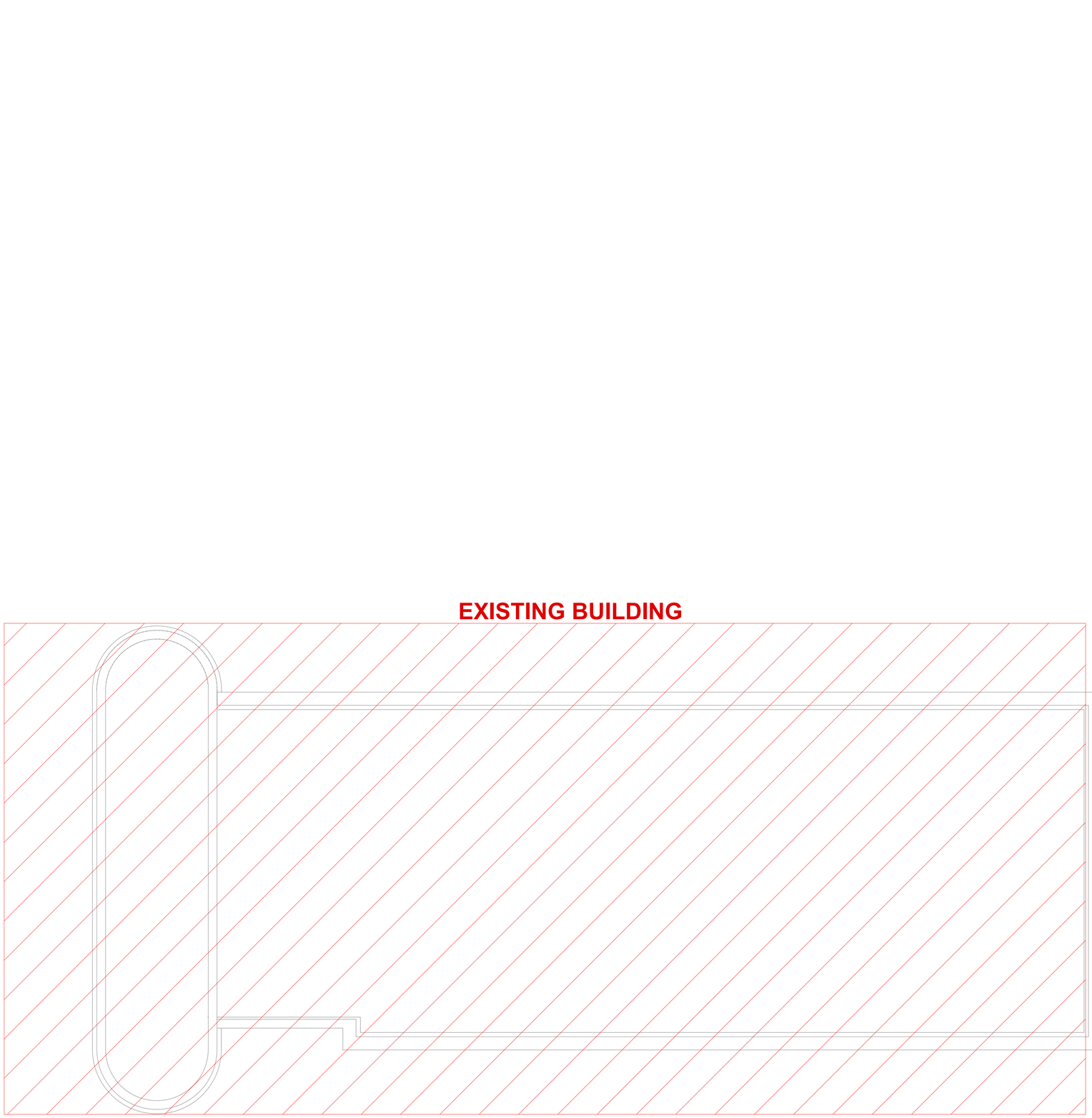
Klienti: FONDI SHQIPTAR I ZHVILLIMIT
Client: ALBANIAN DEVELOPMENT FUND

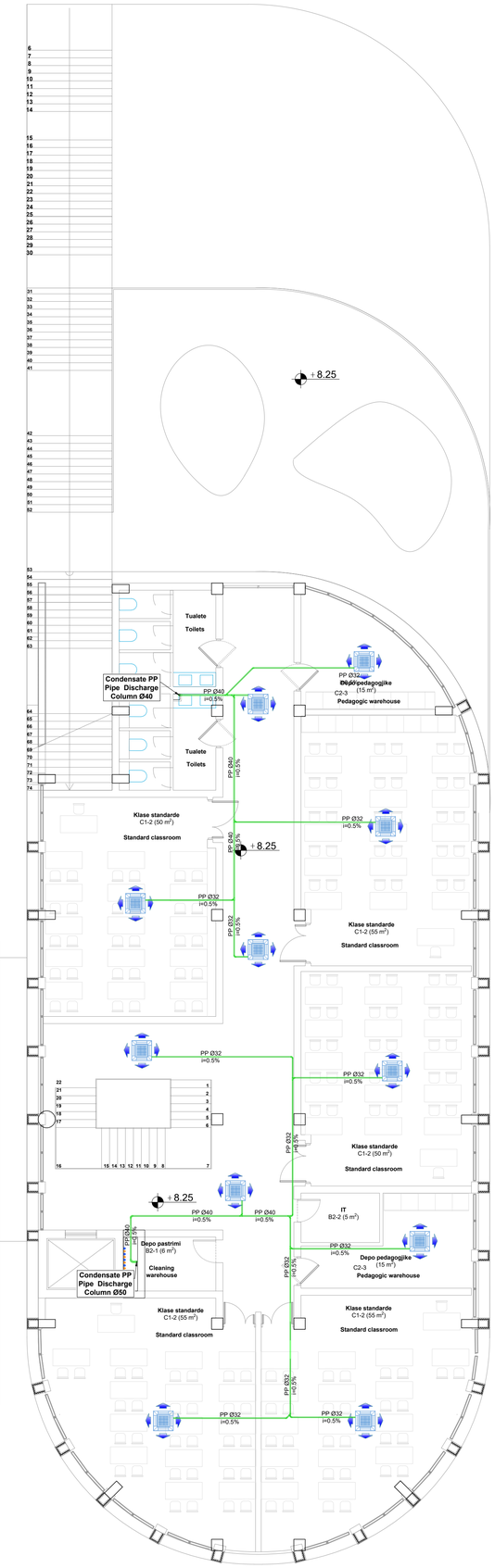
Local Architecture Office Studio Lokale Arkitekture Gent Agoti (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office Studio Lokale Arkitekture Ilva Perlea (LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office Studio Lokale Arkitekture Ajtid Tozore (LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Construction Studio Studio Konstruktimi Arben Demishi	K.2138/2 N.5628/12	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Hydro-Mechanical Engineering Inxhinieri Hidro-Mekanik dhe MAZ	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.

Issuer	plan number:	TITULLI / Title:
M	IM-NVAK-K-08	SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE TE KONDENSES, PLANIMETRIA E KATIT TË PARË

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

EXISTING BUILDING





LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- Branch
- Copper Pipe, Liquid Refrigerant
- Copper Pipe, Gas Refrigerant
- PP Pipe

NOTE:

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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

Local Architecture Office Studio Lokale Arkitekture Gent-Agon (LOC) (VEND)	N.6844	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office Studio Lokale Arkitekture Ilias Petrela (LOC) (VEND)	**ARCHISPACE** N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office Studio Lokale Arkitekture Ajtaj Tupura (LOC) (VEND)	**SPHAERA** N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Construction Studio Studio Konstruksioni Adrian 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.

issuer	plan number:	TITULLI / Title:
M	IM-NVAK-K-09	**SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE TE KONDENSES, PLANIMETRIA E KATIT TË DYTË**

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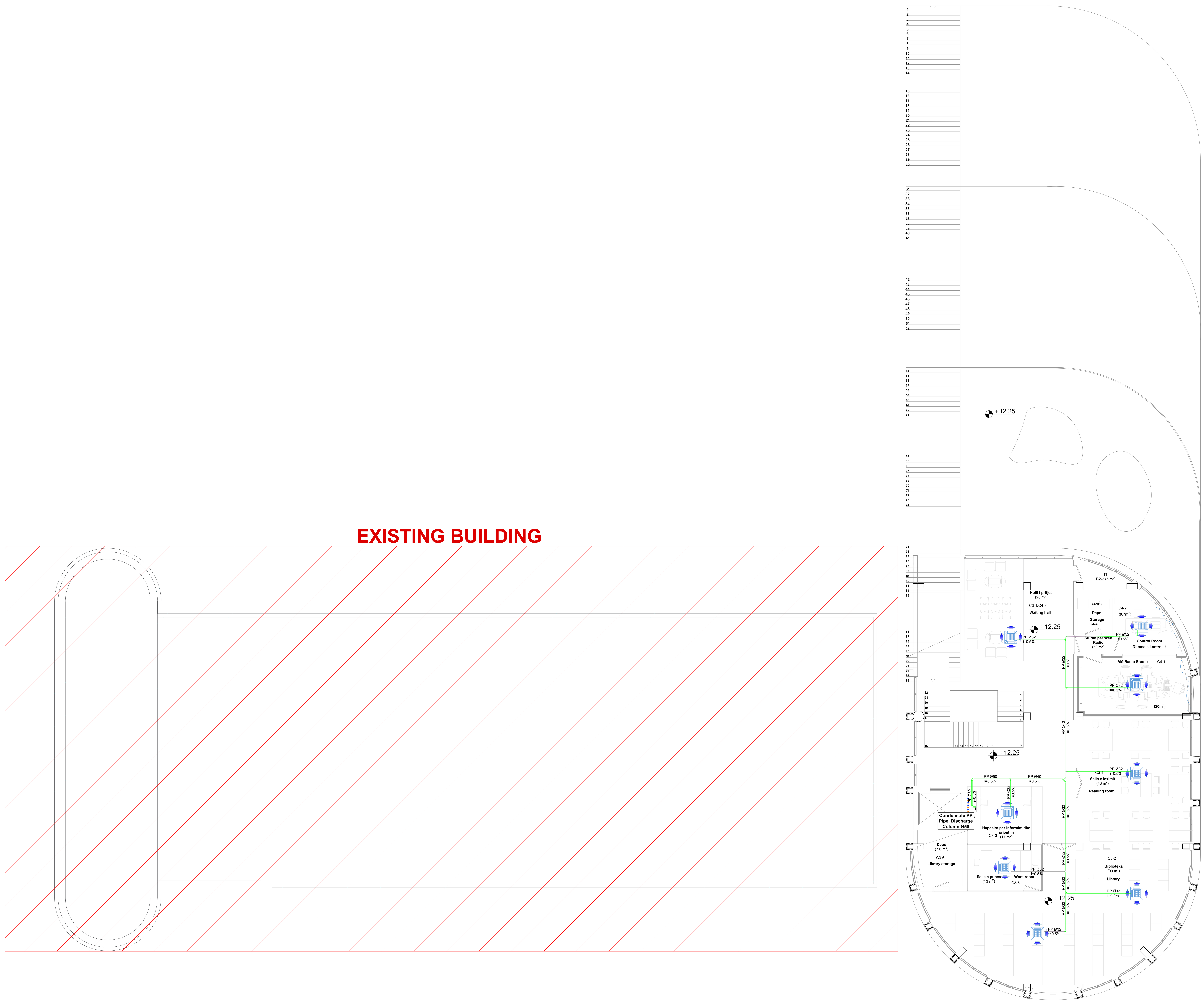

LEGEND

- Outdoor VRF Unit
- Indoor VRF Unit Ceiling Cassette
- 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
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- 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 — N.6844 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Gent Agolli

ARCHISPACE — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Rais Petrela

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

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

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

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

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-NVAK-K-10	**SISTEMI I KONDICIONIMIT VRF, DIMENSIONIMI I TUBACIONEVE TE KONDENSES, PLANIMETRIA E KATIT TË TRETË**

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

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

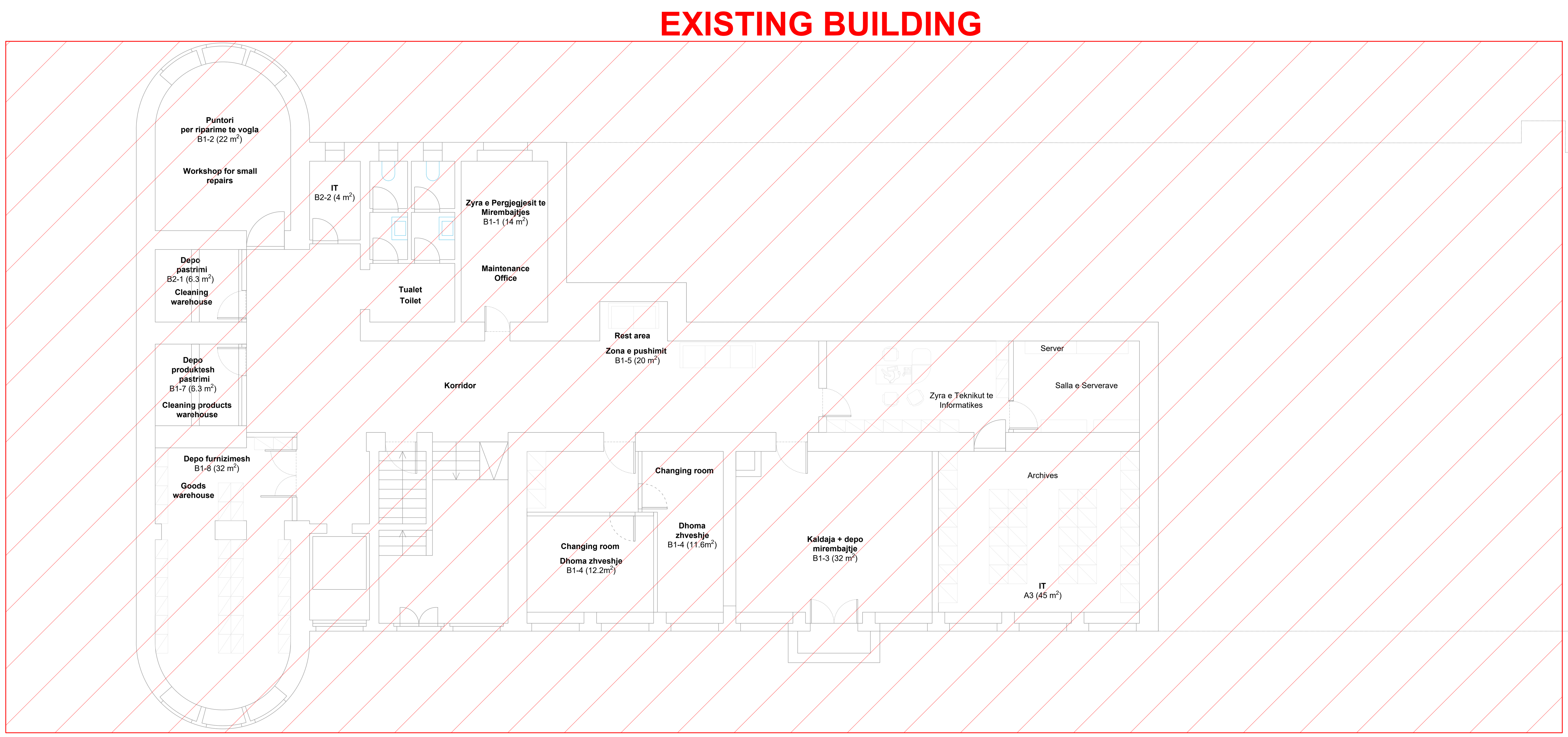
SYSTEM FIREFIGHTING SYSTEM (FFS)
- Evacuation Plan and Signaling

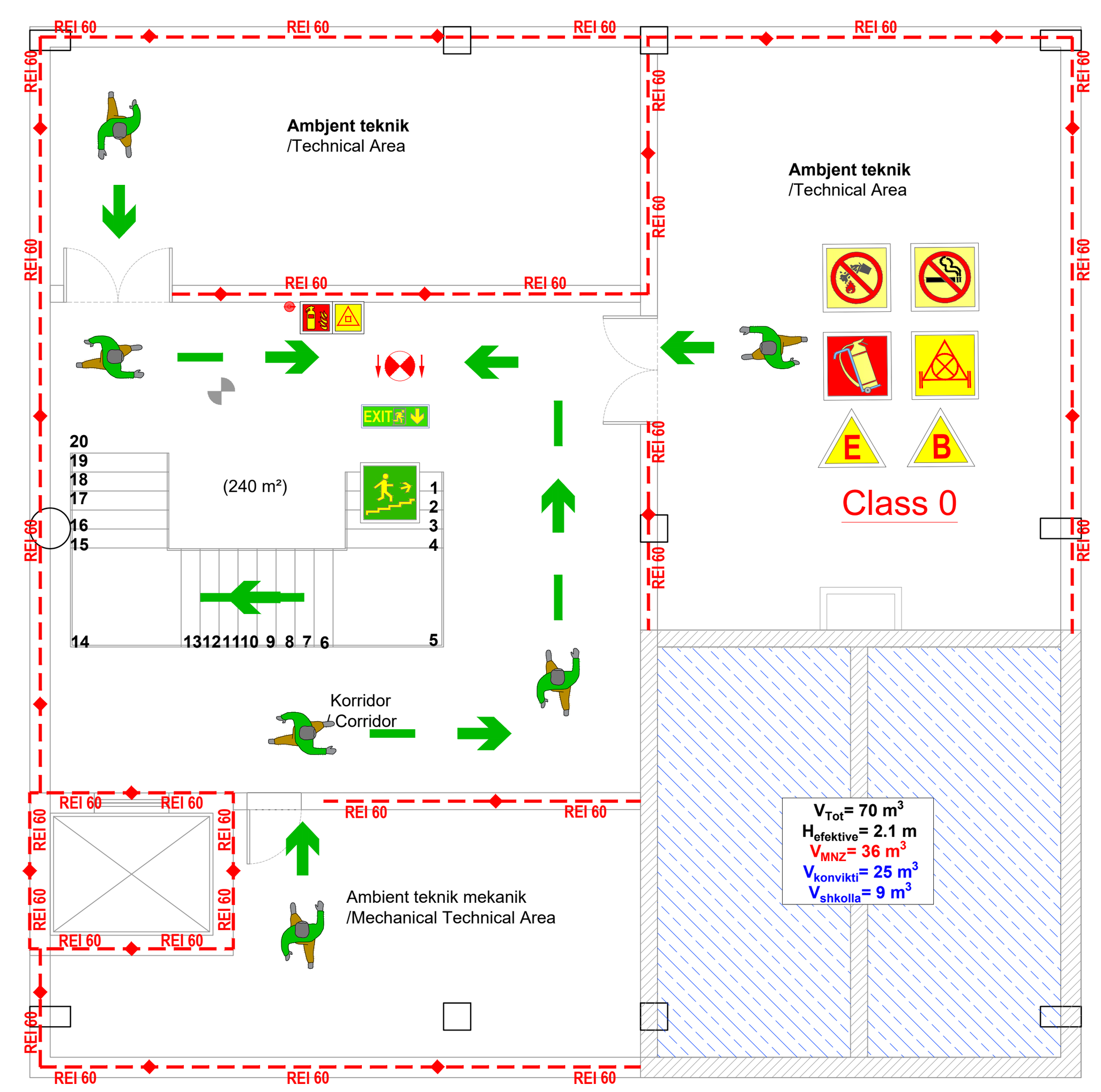
CLIENT: ALBANIAN DEVELOPMENT FUND

DESIGNED:

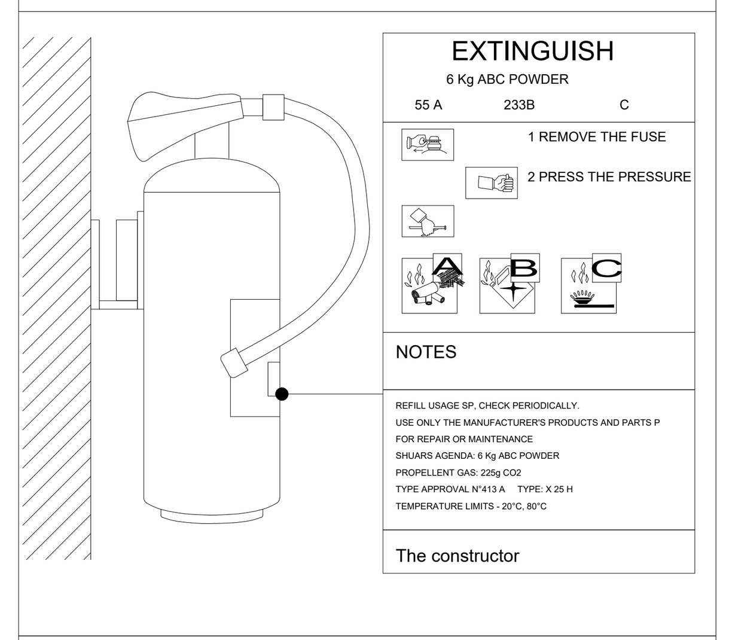
Studio Arkitekture
Gent Agolli

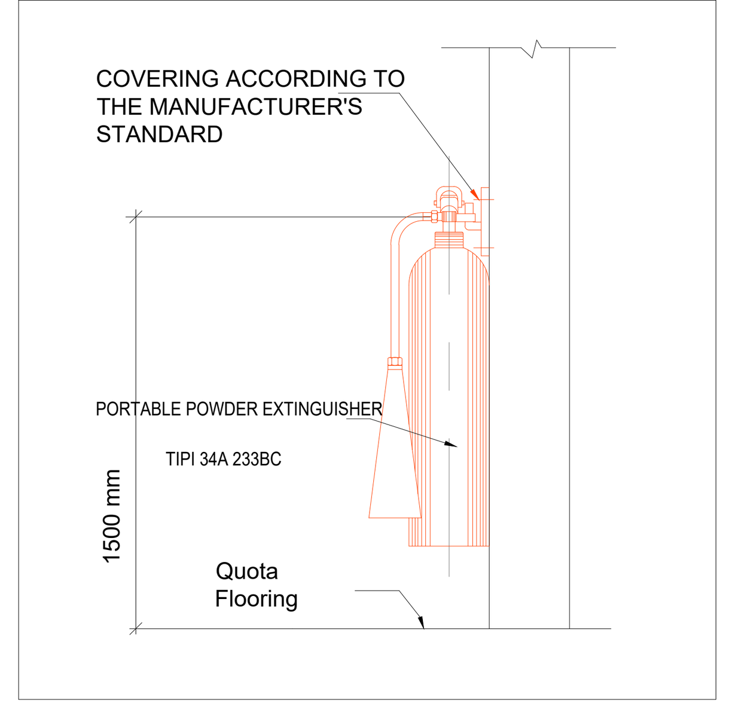
2026





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 — Cooking Oil Fire

- 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) Rais Petrela	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 ing. Arben Dervishaj ing. Ermal Spahiu ing. Ina Hoxhaj	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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
A	iM-MNZ-S-01	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN -1**

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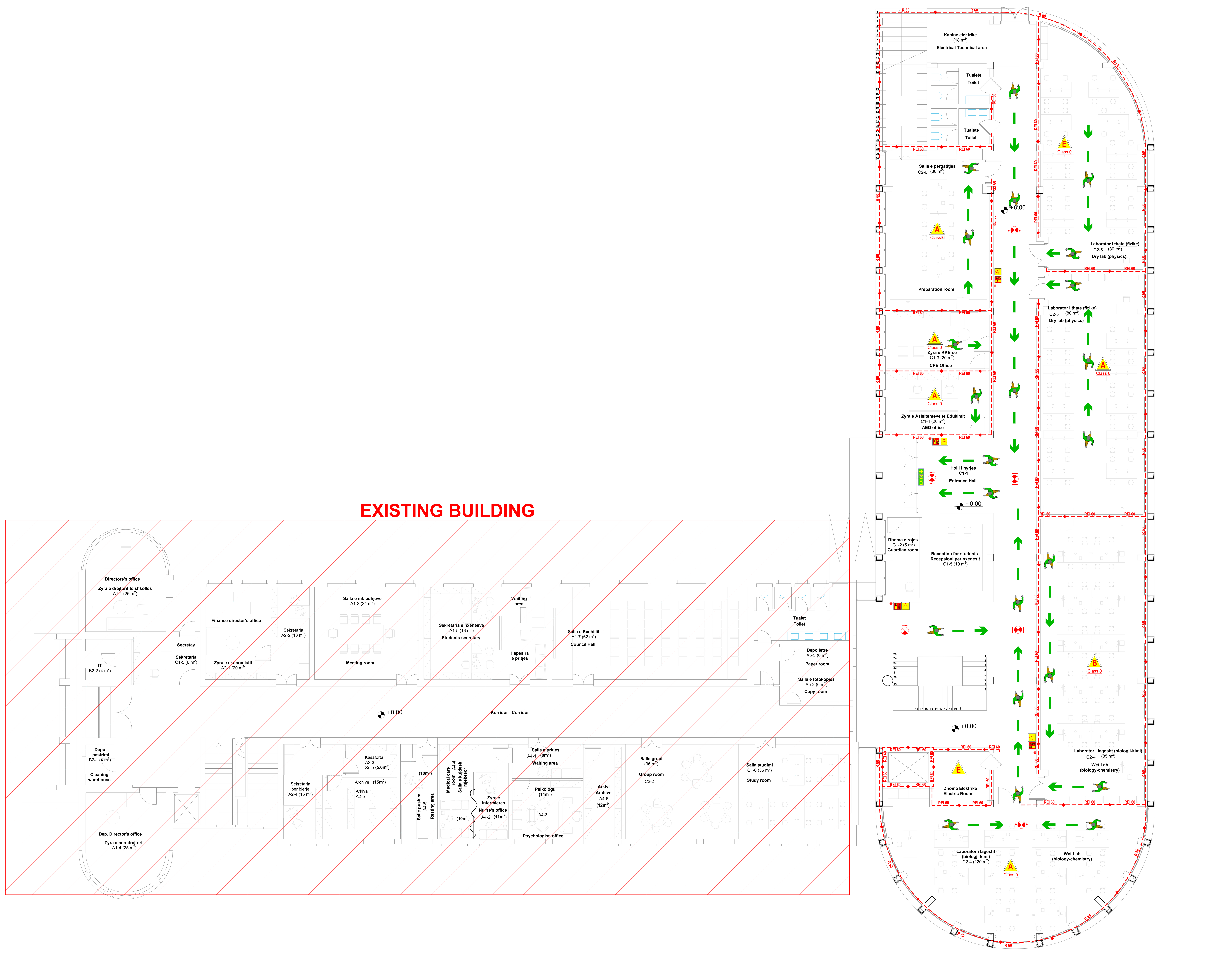
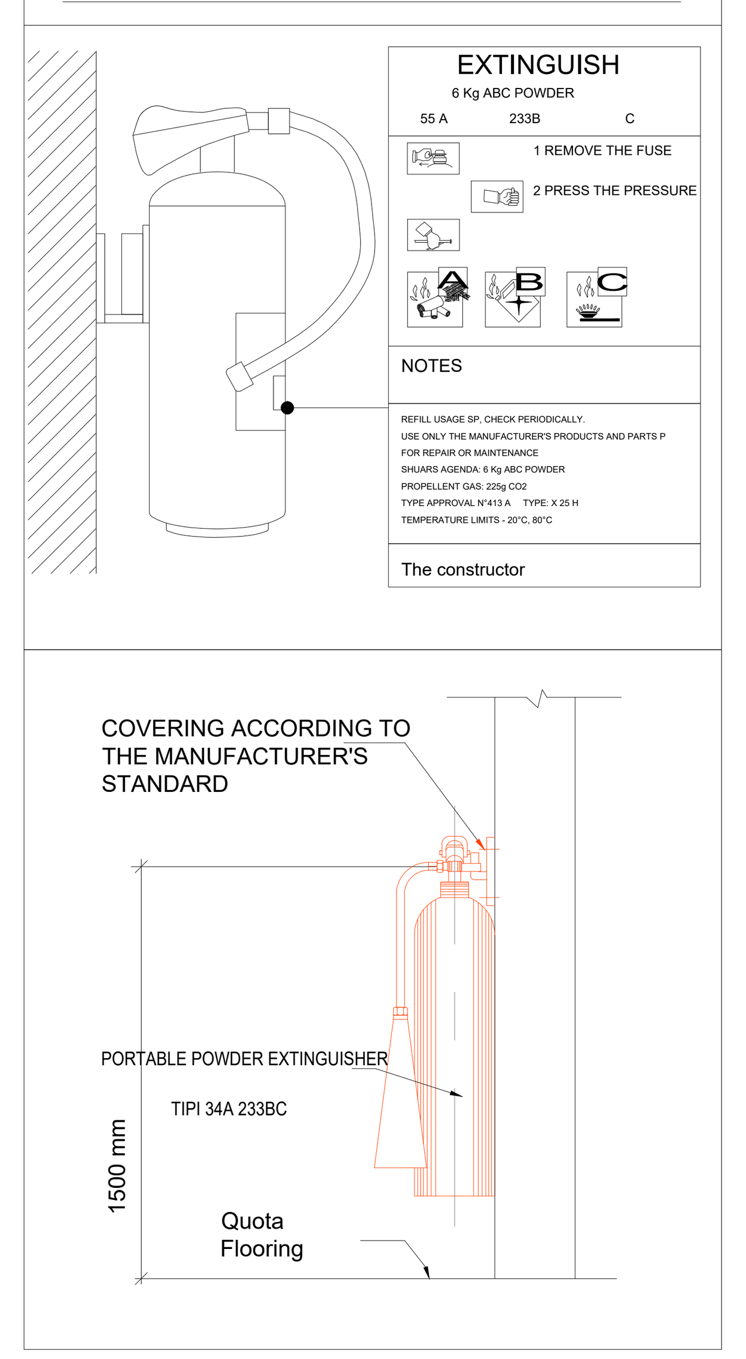


PORTABLE FIRE EXTINGUISHER



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 — Cooking Oil Fire

- 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
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- 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 — N.6844 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Gent Agolli

ARCHISPACE — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Rais Petrela

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

LORENC BEGAJ — K.2138/2
AVE CONSULTING — N.5628/12 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Construction Studio
Studio Konstruksioni
ing. Arben Dervishaj
ing. Ermal Spahiu
ing. Ina Hoxhaj

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

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

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
A	iM-MNZ-S-02	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN 0**

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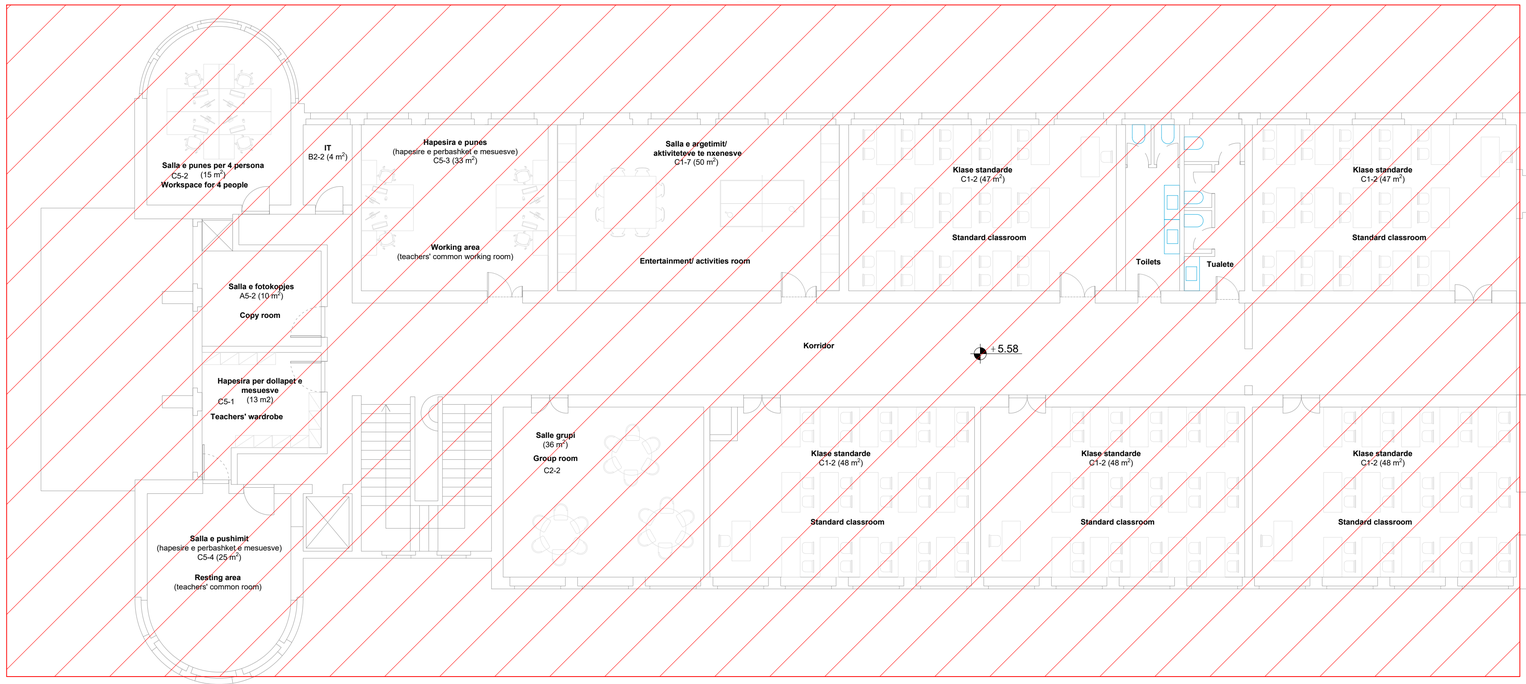
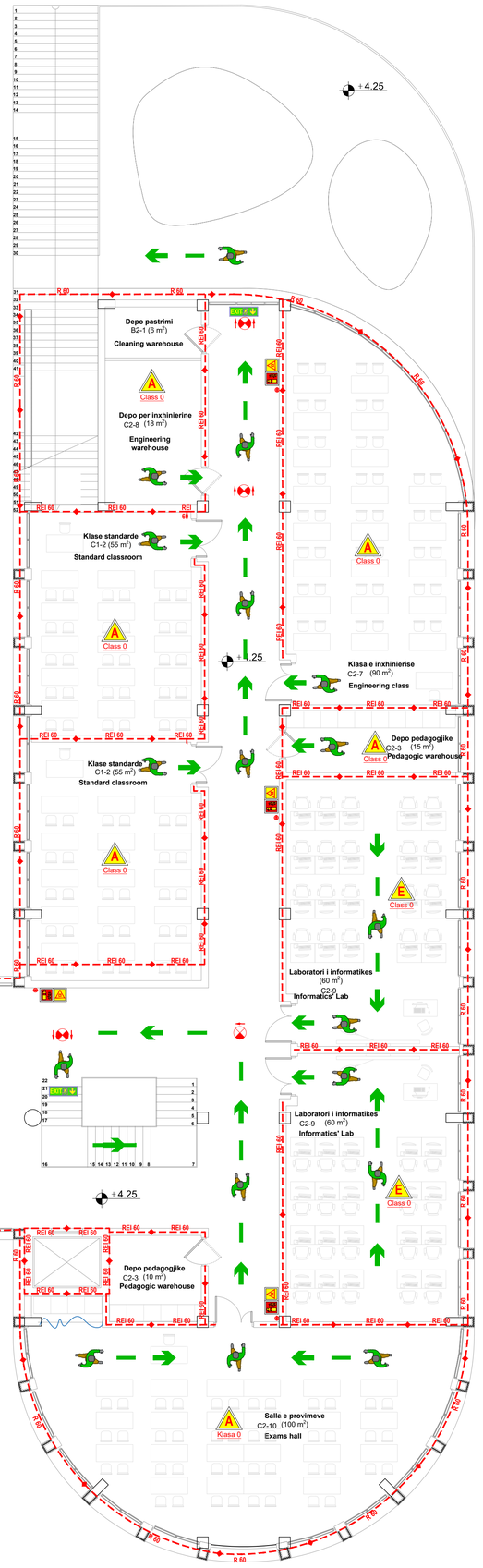
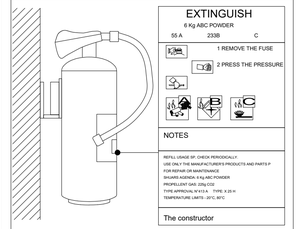
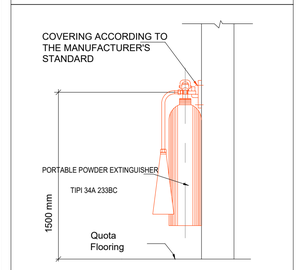




PORTABLE FIRE EXTINGUISHER





LEGJENDA/ Legenda:

- 1 Hour Fire Resistant Door
- 1 Hour Fire Resistance Wall
- Exit direction sign illuminated on 2 sides
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- Fire-protected ladder cage
- Portable chemical gas fire extinguisher
- CO2 gas fire extinguisher
- Wet chemical fire extinguisher
- Fire Extinguishing
- Free Exit Route
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- High Voltage Warning Signs

CLASSIFICATION OF FIRE CLASSES

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- Fire from Liquid Materials
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- Cooking Oil Fire

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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

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 Ilva Perlata	(LOC) (VEND)	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office Studio Lokale Arkitekture Ajtid Tozore	(LOC) (VEND)	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Studio Studio Konstruktimi Ing. Lorenc Begaj Ing. Ermal Spahia Ing. Ina Hoxhaj		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 MAZ		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.

issuer	plan number:	TITULLI / Title:
A	IM-MNZ-S-03	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN +1**

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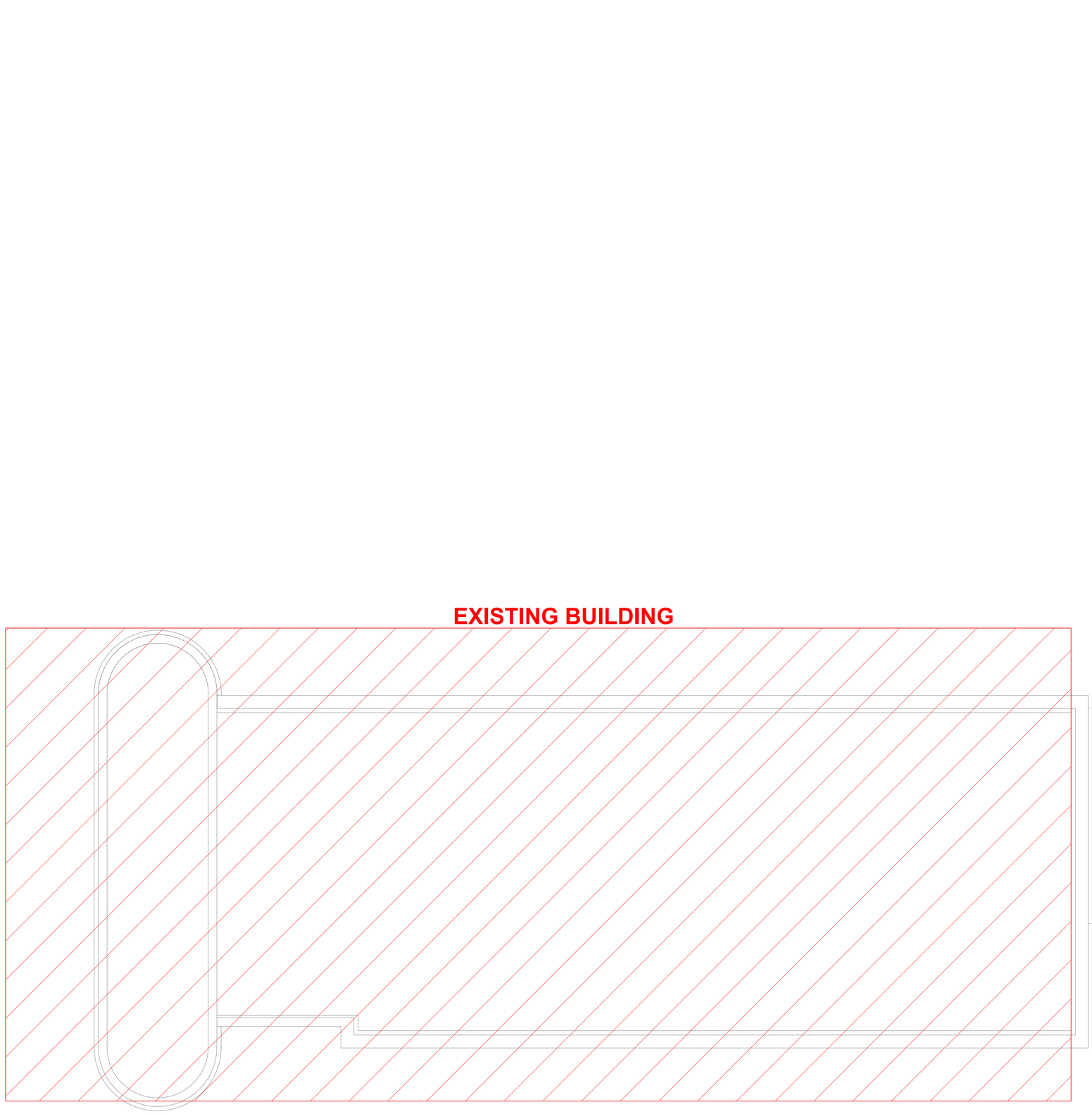
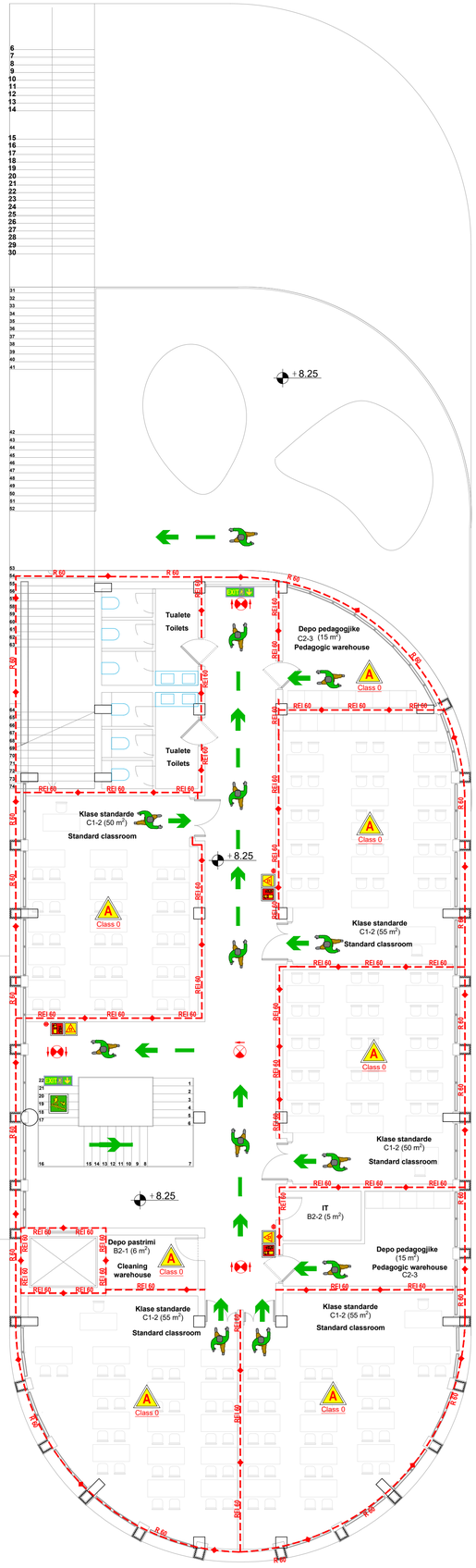
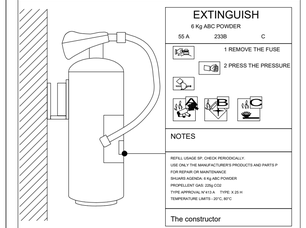
LN	2026	1:100	A1

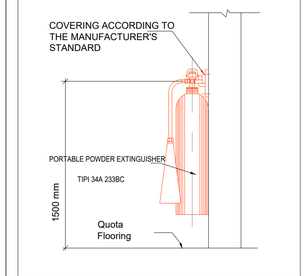
EXISTING BUILDING





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

- Fire from Solid Materials
- Fire from Liquid Materials
- Fire from Electrical Equipment
- Cooking Oil Fire

- 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
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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

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) Ilva Petrela	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VENO) Ajet Tozaj	N.4654/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
LORENC BEGAJ AVE CONSULTING Construction Study Studio Konstruktimi Ing. Lorenc Begaj Ing. Ermal Spahiu Ing. Ina Hoxhaj	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 ANIZ	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.

issuer	plan number:	TITULLI / Title:
A	IM-MNZ-S-04	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN +2**

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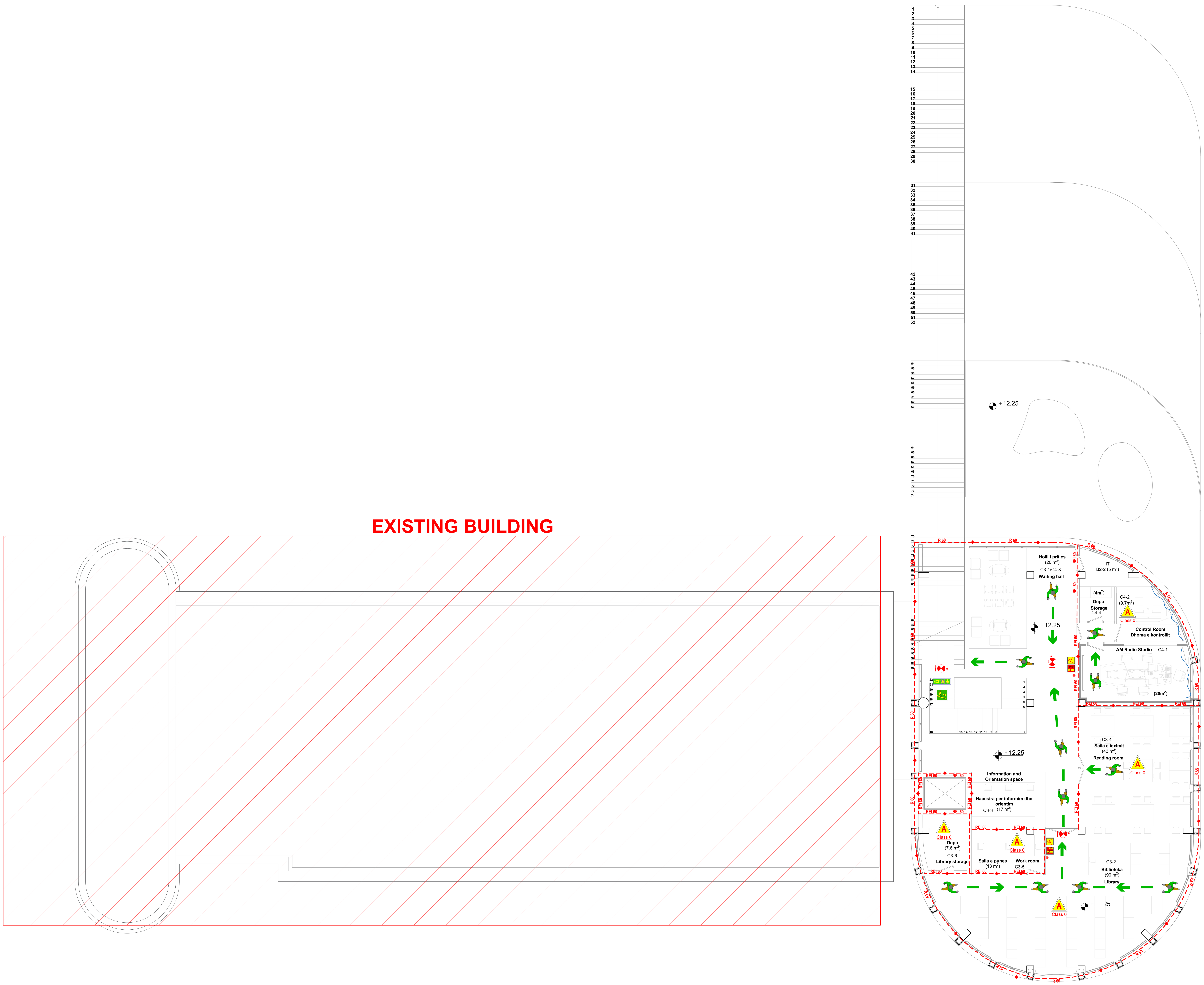
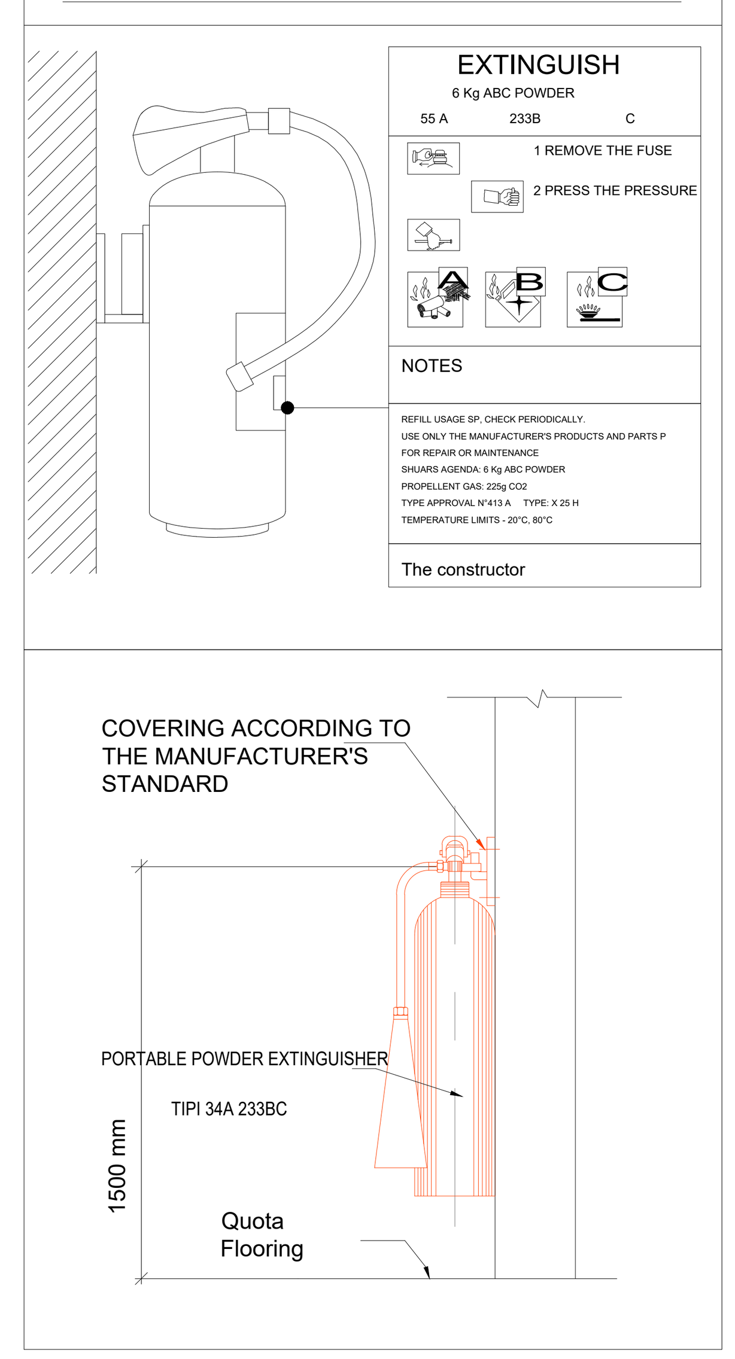


PORTABLE FIRE EXTINGUISHER



LEGJENDA/ Legenda:

- — 1 Hour Fire Resistant Door
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- — Stair Climbing Table
- — Tables Discount Stairs
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- Class 3, includes combustible combustible materials;
- Class 4, includes easily flammable combustible materials;
- Class 5, includes highly flammable combustible materials.

SHËNIME/ Notes:

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- 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
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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 Petrela	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 ing. Arben Dervishaj ing. Ermal Spahiu ing. Ina Hoxhaj	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.

issuer	plan number:	TITULLI / Title:
A	iM-MNZ-S-05	**FIRE PROTECTION SYSTEM, EVACUATION PLAN AND SIGNALING, FLOOR PLAN +3**

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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) Ilias Pekios	N.6732/14	Firma / Signature: Lexoj dhe aprovoj / I read and approve.
SPHAERA Local Architecture Office (LOC) Studio Lokale Arkitekture (VEND) Adrit Tuzmo	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 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.

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

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

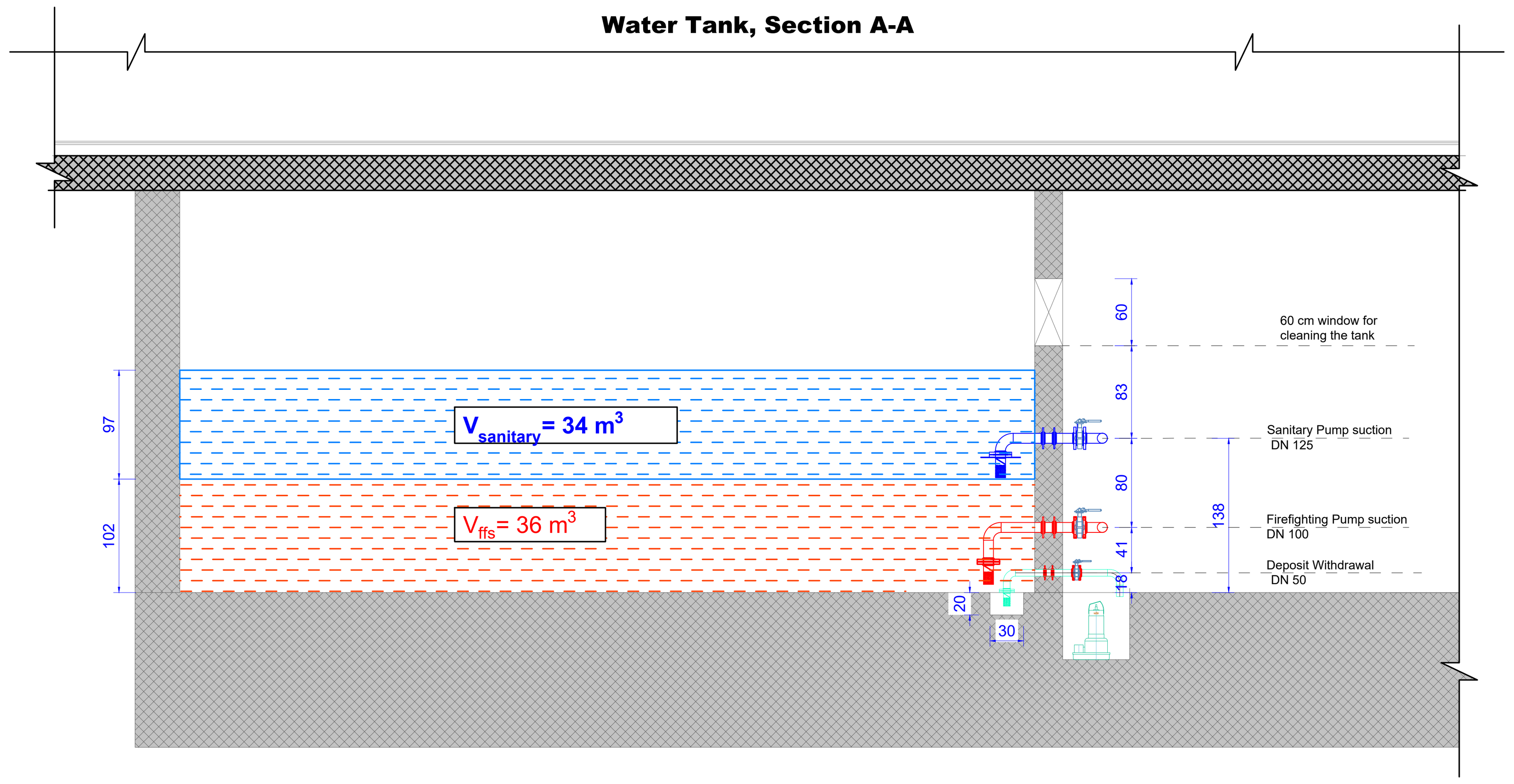
SYSTEM FIREFIGHTING SYSTEM (FFS)
- Hydrant System

CLIENT: ALBANIAN DEVELOPMENT FUND

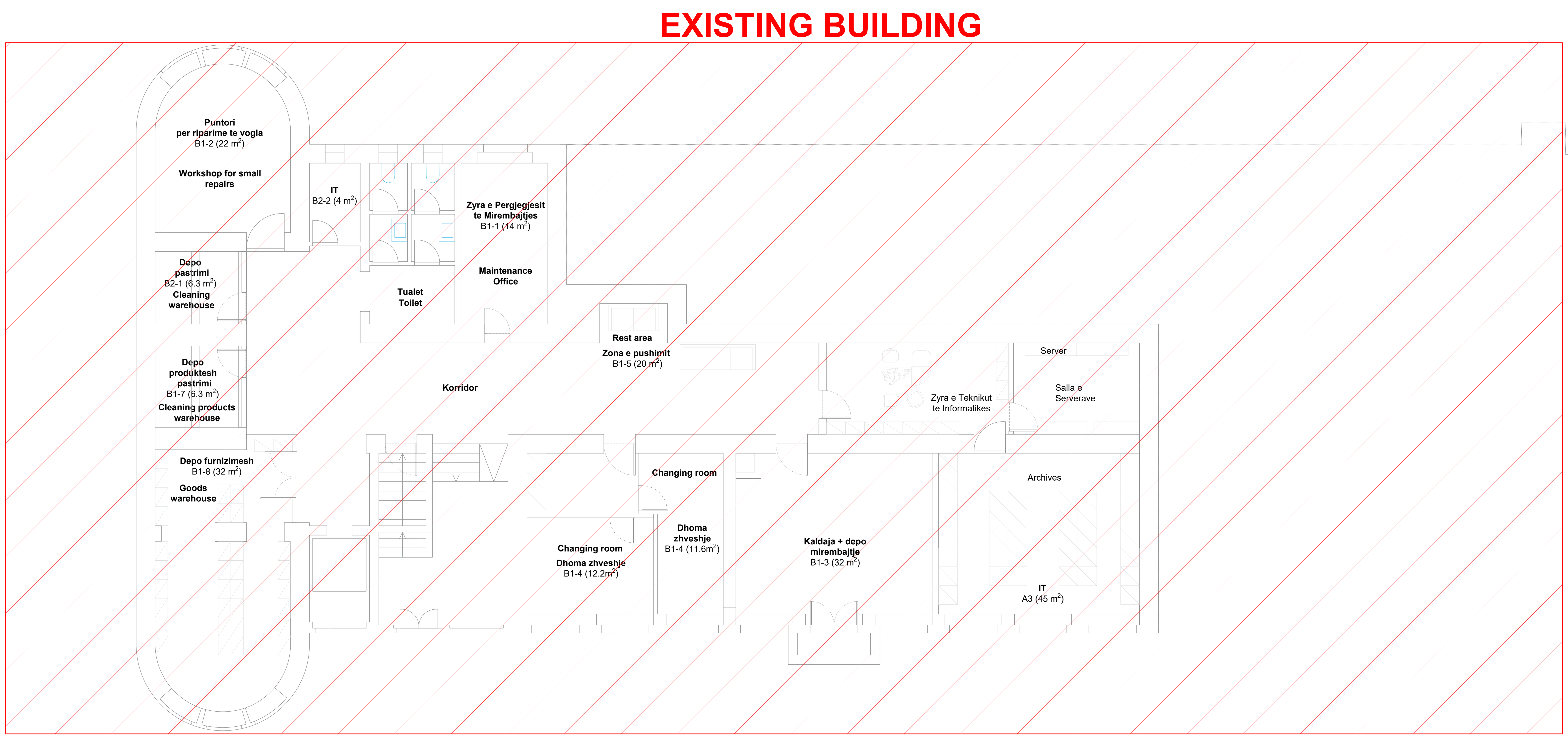
DESIGNED:

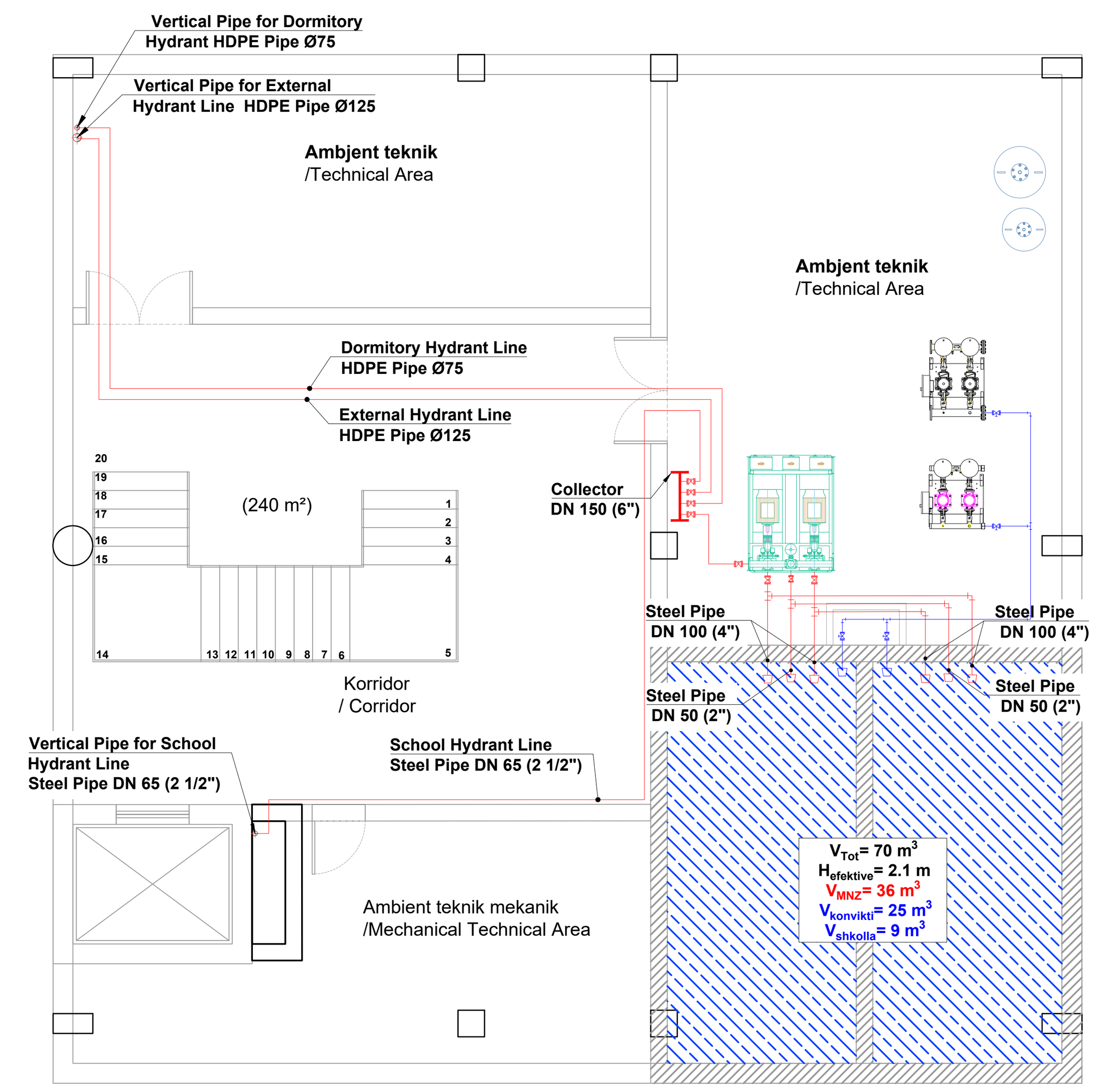
Architecture Studio
Gent Agolli

2026



Kati -1 / Floor -1





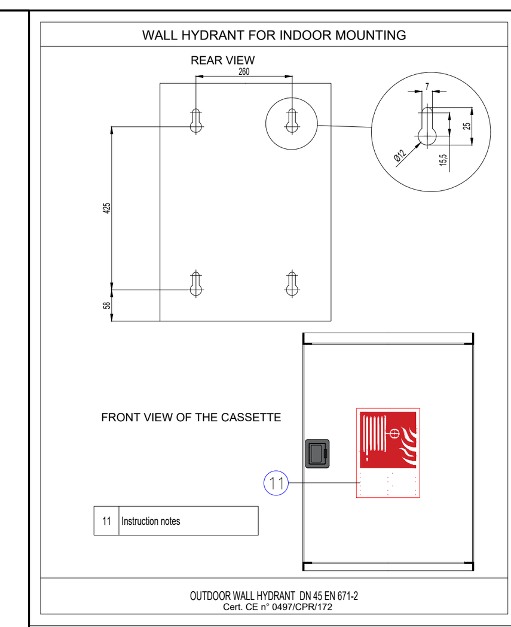
P-FFS. Pumping station for composite fire protection system referred to standard EN 12845,

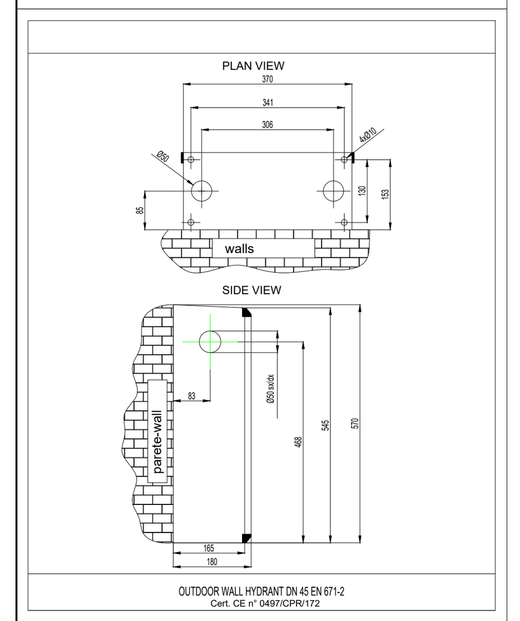
- **Electric Motor Pump**
  - Flow: V=36 m³/h
  - Pressure: H=60 mkH2O
  - Power: 18.5 kW
  - Current: 33.2 A

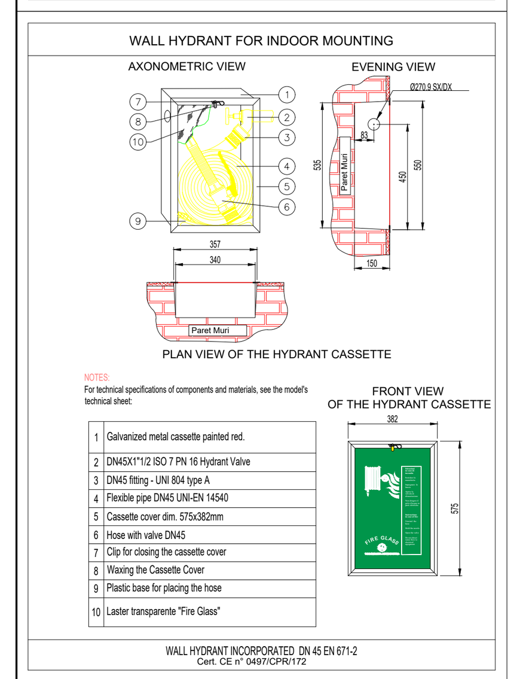
Electrical connection, 3~400 V, 50 Hz

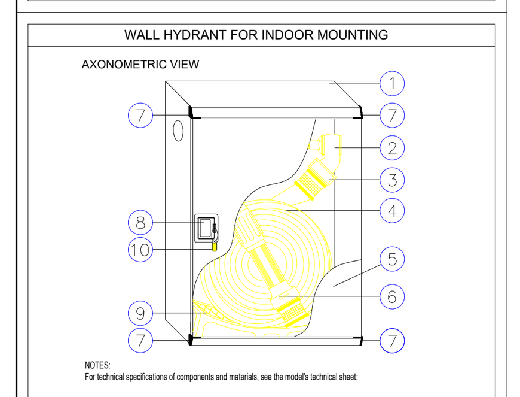
- **Diesel Motor Pump**
  - Flow: V=36 m³/h
  - Pressure: H=60 mkH2O
  - Power: 17.5 kW
- **Electric Motor Test Pump**
  - Power: 1.1 kW
  - Current: 2.7 A

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









1	Galvanized metal cassette painted red.
2	DN45X1"1/2 ISO 7 PN 16 Hydrant Valve
3	Fittings 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

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

ARCHISPACE — N.6732/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)
Rais Petrela

SPHAERA — N.4654/14 — Firma / Signature: Lexoj dhe aprovoj / I read and approve.
Local Architecture Office (LOC)
Studio Lokale Arkitekture (VEND)

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

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

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

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

TË GJITHA DIMENSIONET DUHET TË VERIFIKOHEN NGA KONTRAKTORI NË VËND

issuer	plan number:	TITULLI / Title:
M	iM-MNZ-H-01	**FIREFIGHTING SYSTEM, DIMENSIONING OF THE HYDRANT SYSTEM, FLOOR PLAN -1**

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PZ	2026	1:100	A1