

# Godina e Teatrit Tiranë, Faza I-rë

## PROJEKTI I AJRIT TE KONDICIONUAR

### LISTA E FLETEVE TE PROJEKTIT PJESA 2

- M 37 - SHPEJTESITE DHE PRURJET TE TUBAC.TE AJRIT TE KONDICIONUAR - KATI +3 - KUOTA +7.78
- M 38 - DIMENSIONIMI I TUBACIONEVE TE AJRIT TE KONDICIONUAR - KATI +4 - KUOTA +11.01
- M 39 - SHPEJTESITE DHE PRURJET TE TUBAC.TE AJRIT TE KONDICIONUAR - KATI +4 - KUOTA +11.01
- M 40 - DIMENSIONIMI I TUBACIONEVE TE AJRIT TE KONDICIONUAR - KATI +5 - KUOTA +13.73
- M 41 - SHPEJTESITE DHE PRURJET TE TUBAC.TE AJRIT TE KONDICIONUAR - KATI +5 - KUOTA +13.73
- M 42 - DIMENSIONIMI I TUBACIONEVE TE AJRIT TE KONDICIONUAR - KATI +6 - KUOTA +17.30
- M 43 - SHPEJTESITE DHE PRURJET TE TUBAC.TE AJRIT TE KONDICIONUAR - KATI +6 - KUOTA +17.30
- M 44 - DIMENSIONIMI I TUBACIONEVE TE AJRIT TE KONDICIONUAR - KATI +7 - KUOTA +21.40
- M 45 - SHPEJTESITE DHE PRURJET TE TUBAC.TE AJRIT TE KONDICIONUAR - KATI +7 - KUOTA +21.40
- M 46 - DIMENSIONIMI I TUBACIONEVE TE AJRIT TE KONDICIONUAR - AUDITORI - KUOTA -5.48
- M 47 - DIMENSIONIMI I TUBACIONEVE TE AJRIT TE KONDICIONUAR - AUDITORI - KUOTA +3.87
- M 48 - DIMENSIONIMI I TUBACIONEVE TE AJRIT TE KONDICIONUAR - AUDITORI - KUOTA +7.78

- M 49 - DIMENSIONIMI I TUBACIONEVE TE AJRIT TE KONDICIONUAR - AUDITORI - KUOTA +13.73
- M 50 - DIMENSIONIMI I TUBACIONEVE TE AJRIT TE KONDICIONUAR - AUDITORI - KUOTA +17.30
- M 51 - SKEMA 3D E SHPERNDARJES SE TUBACIONEVE TE AJRIT - AUDITORI
- M 52 - SKEMA 3D E SHPERNDARJES SE TUBACIONEVE TE AJRIT - REHEARSAL WARM UP
- M 53 - SKEMA 3D E SHPERNDARJES SE TUBACIONEVE TE AJRIT - AMBJENTE SHERBIMI - KUOTA -5.48
- M 54 - SKEMA 3D E SHPERNDARJES SE TUBACIONEVE TE AJRIT - STAGE
- M 55 - SKEMA 3D E SHPERNDARJES SE TUBACIONEVE TE AJRIT - HALL & FOYER
- M 56 - SKEMA 3D E SHPERNDARJES SE TUBACIONEVE TE AJRIT - BLACK BOX & SUBFOYER
- M 57 - SKEMA 3D E SHPERNDARJES SE TUBACIONEVE TE AJRIT - STAIRS
- M 58 - SKEMA 3D E SHPERNDARJES SE TUBACIONEVE TE AJRIT - BIG BLACK BOX
- M 59 - SKEMA 3D E SHPERNDARJES SE TUBACIONEVE TE AJRIT - MULTI PURP.ROOM & SUBFOYER
- M 60 - CENTRALI I TRAJTIMIT TE AJRIT - AUDITORIUM

- M 61 - CENTRALI I TRAJTIMIT TE AJRIT - VENTILIMI KATI NENTOKE
- M 62 - CENTRALI I TRAJTIMIT TE AJRIT - FOYER & HALL
- M 63 - CENTRALI I TRAJTIMIT TE AJRIT - REHEARSAL WARM UP
- M 64 - CENTRALI I TRAJTIMIT TE AJRIT - BLACK BOX & SUBFOYER
- M 65 - CENTRALI I TRAJTIMIT TE AJRIT - AJRI PRIMAR
- M 66 - CENTRALI I TRAJTIMIT TE AJRIT - STAIRS
- M 67 - CENTRALI I TRAJTIMIT TE AJRIT - BIG BLACK BOX
- M 68 - CENTRALI I TRAJTIMIT TE AJRIT - STAGE
- M 69 - TUBACIONET E NXJERRJES/FTUTJES SE AJRIT TE FRESKET NGA C.T.A
- M 70 - SKEMA 3D E TUBACIONEVE TE NXJERRJES/FUTJES SE AJRIT TE FRESKET NGA C.T.A
- M 71 - TUBACIONET E UJIT PER KONDICIONIM - KUOTA -5.48
- M 72 - TUBACIONET E UJIT PER KONDICIONIM - MEZANINA
- M 73 - SKEMA FUNKSIONALE E CENTRALIT TERMIK



ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BUZI	
ing.	E. CANO	
hydr.	N. DASHI	
geohid.	V. AVDA	
elek.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A. C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
AJER I KONDICIONUAR**

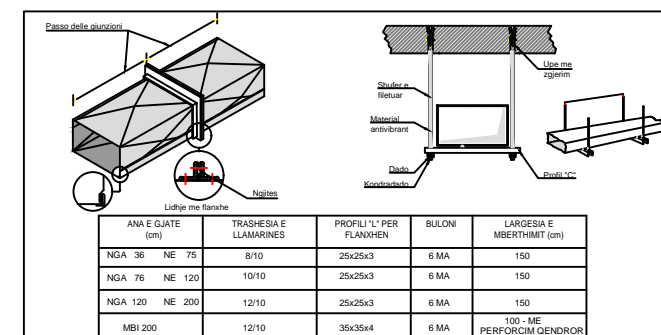
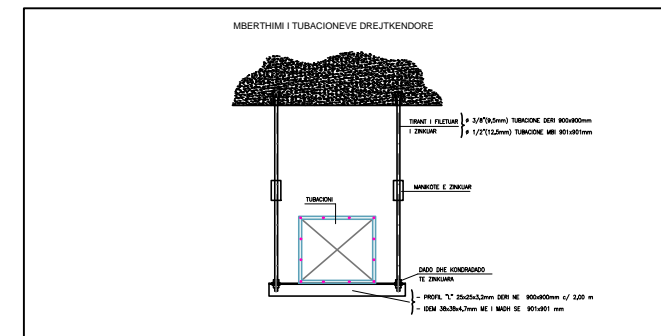
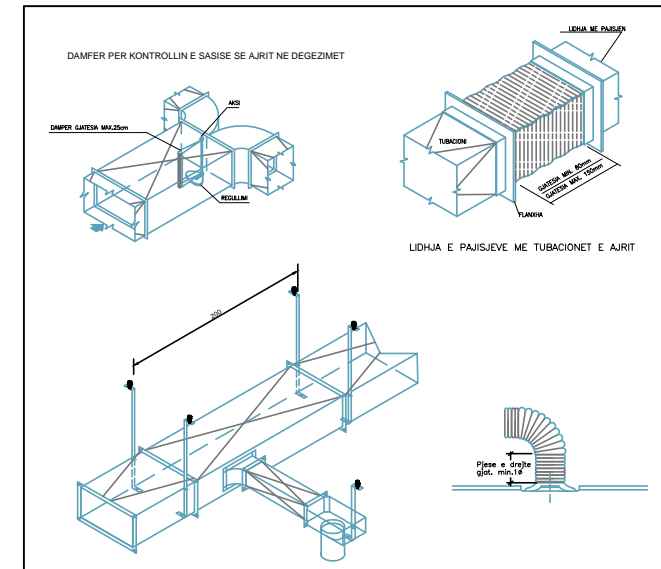
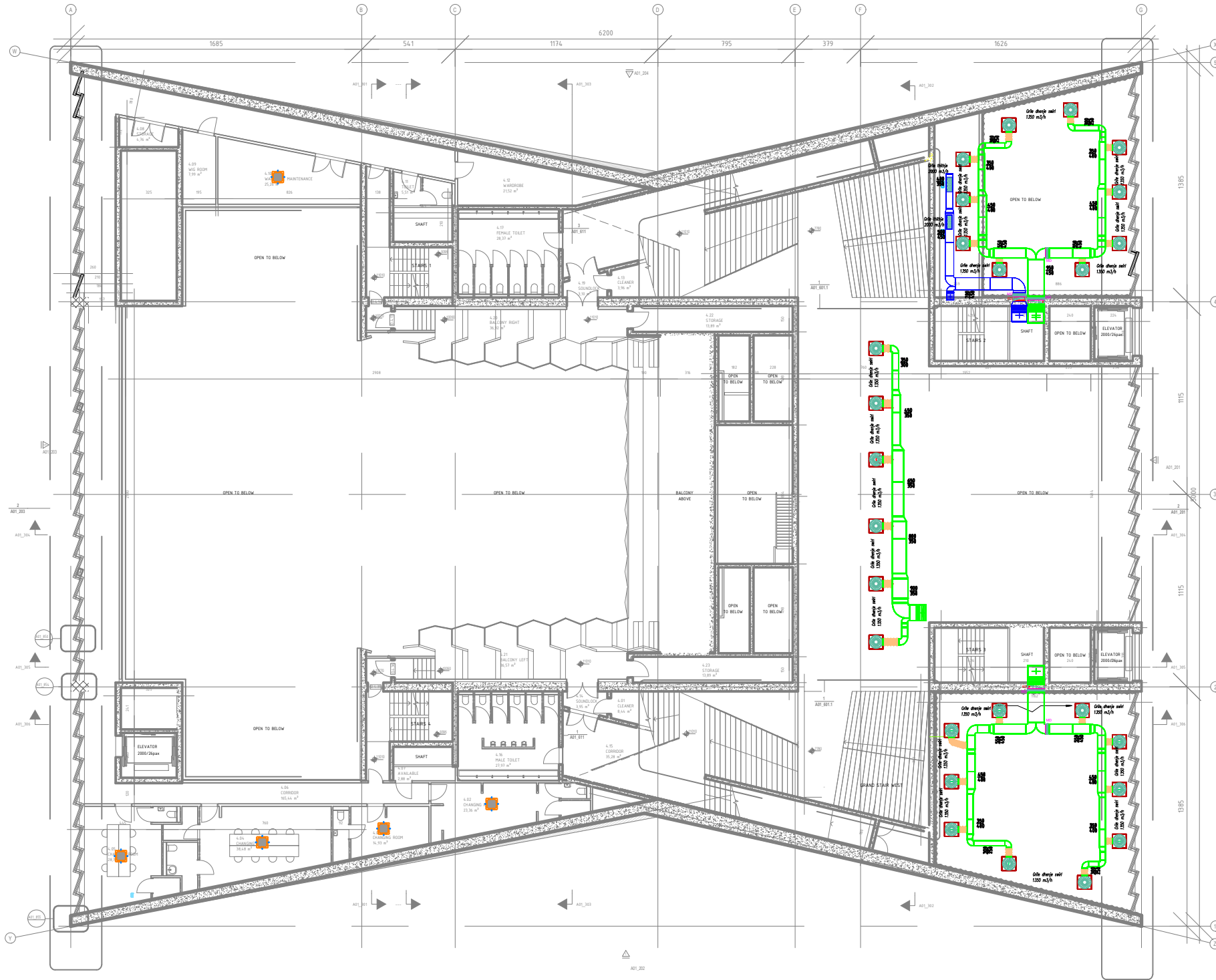
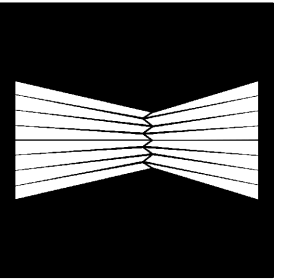
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**LISTA E FLETEVE TE PROJEKTIT  
PJESA 2**

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**M-00**

DATA: 09Marti 2021	SHKALLA: 1:50		
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ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLUZI	
ing.	E. CANO	
ing.	N. DASHI	
gen.	V. AVDA	
geohd.	V. HOXHA	
elek.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
Godina e Teatrit Tiranë, Faza I-rë

PROJEKTI  
AJER I KONDICIONUAR

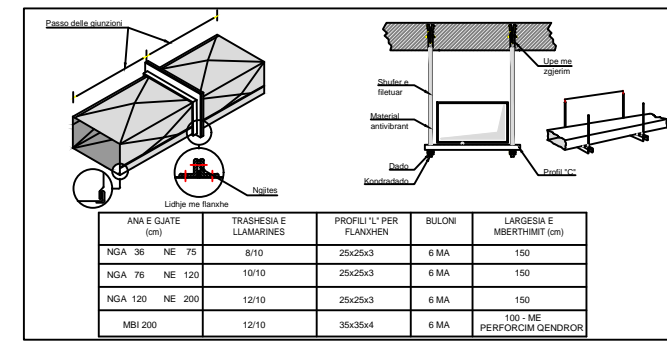
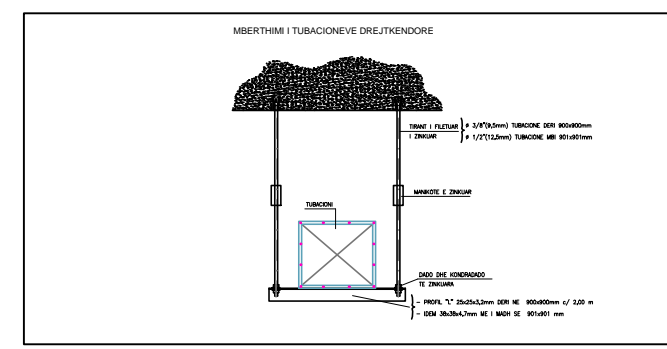
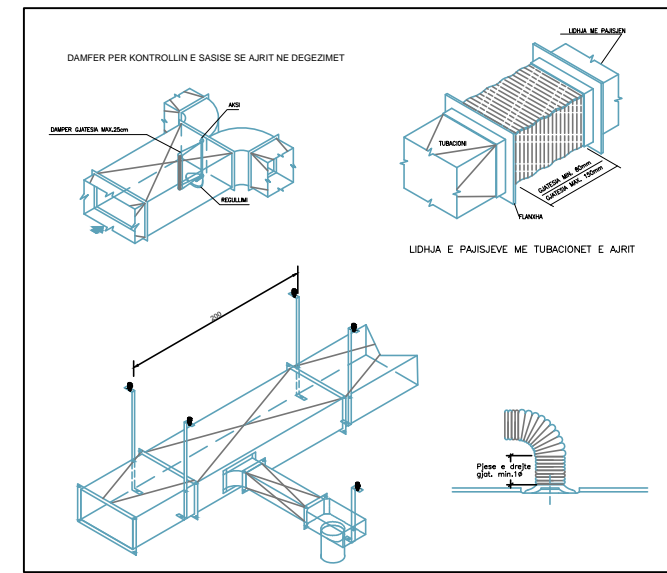
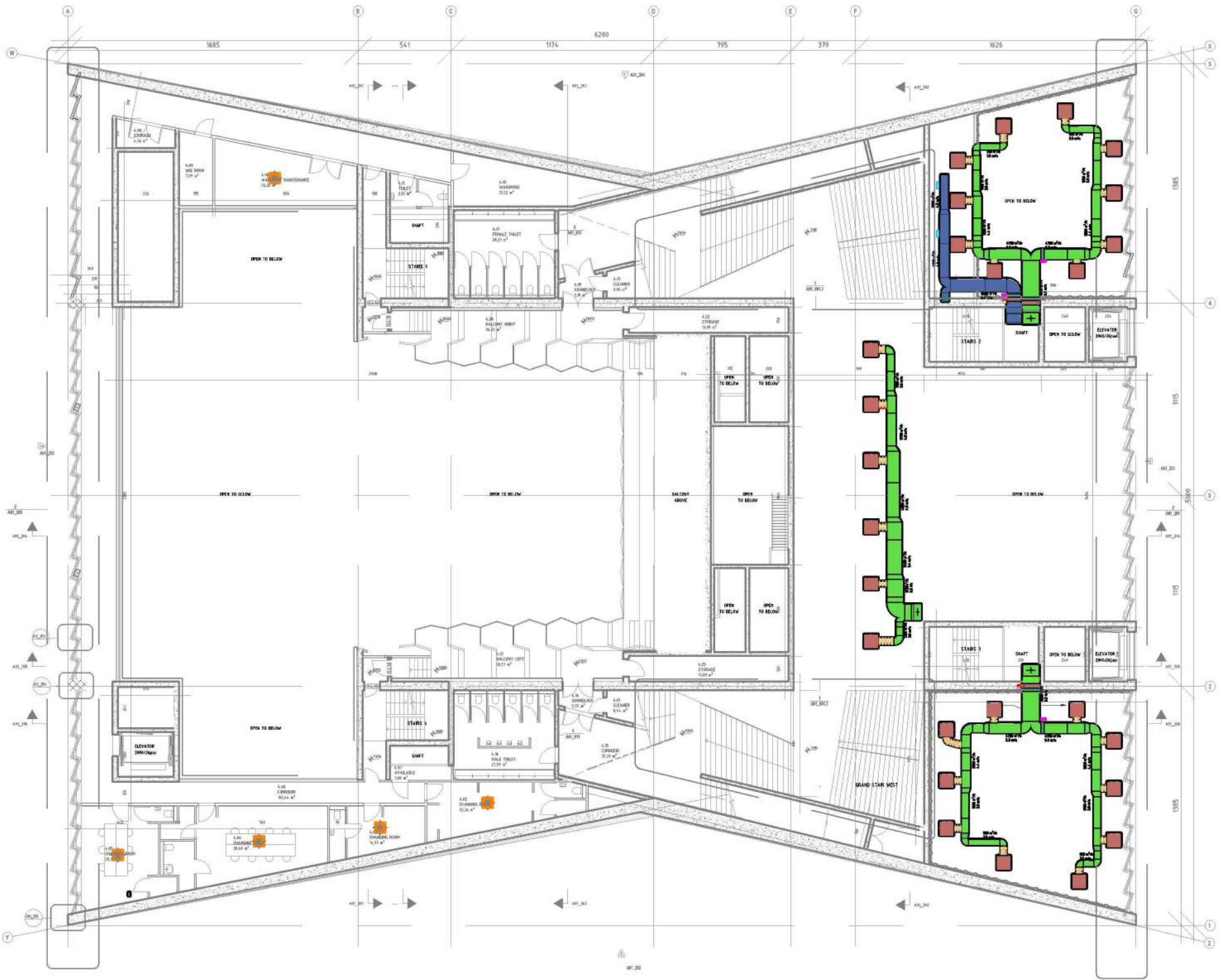
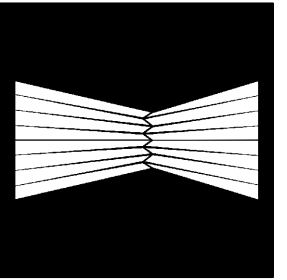
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DIMENSIONIMI I TUBACIONEVE TE  
AJRIT DHE GRILAVE - KUOTA +11.01

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA:  
JANAR 2021

SHKALLA:  
1:50

M-38



ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLUZI	
ing.	E. CANO	
ing.	N. DASHI	
gen.	V. AVDA	
elek.	V. HOXHA	
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ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

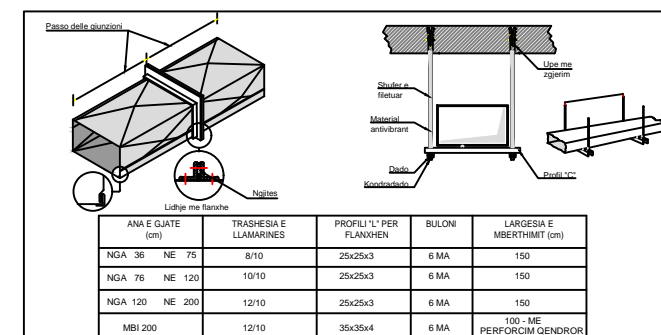
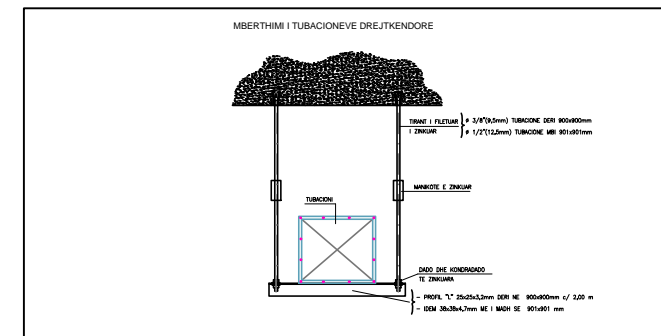
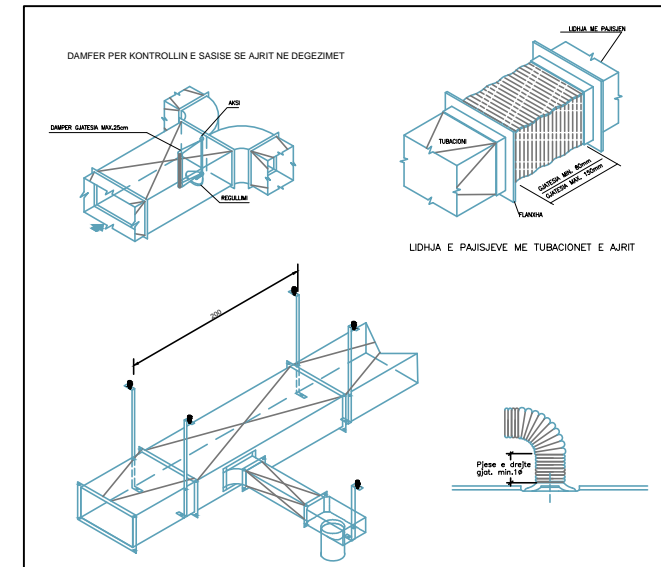
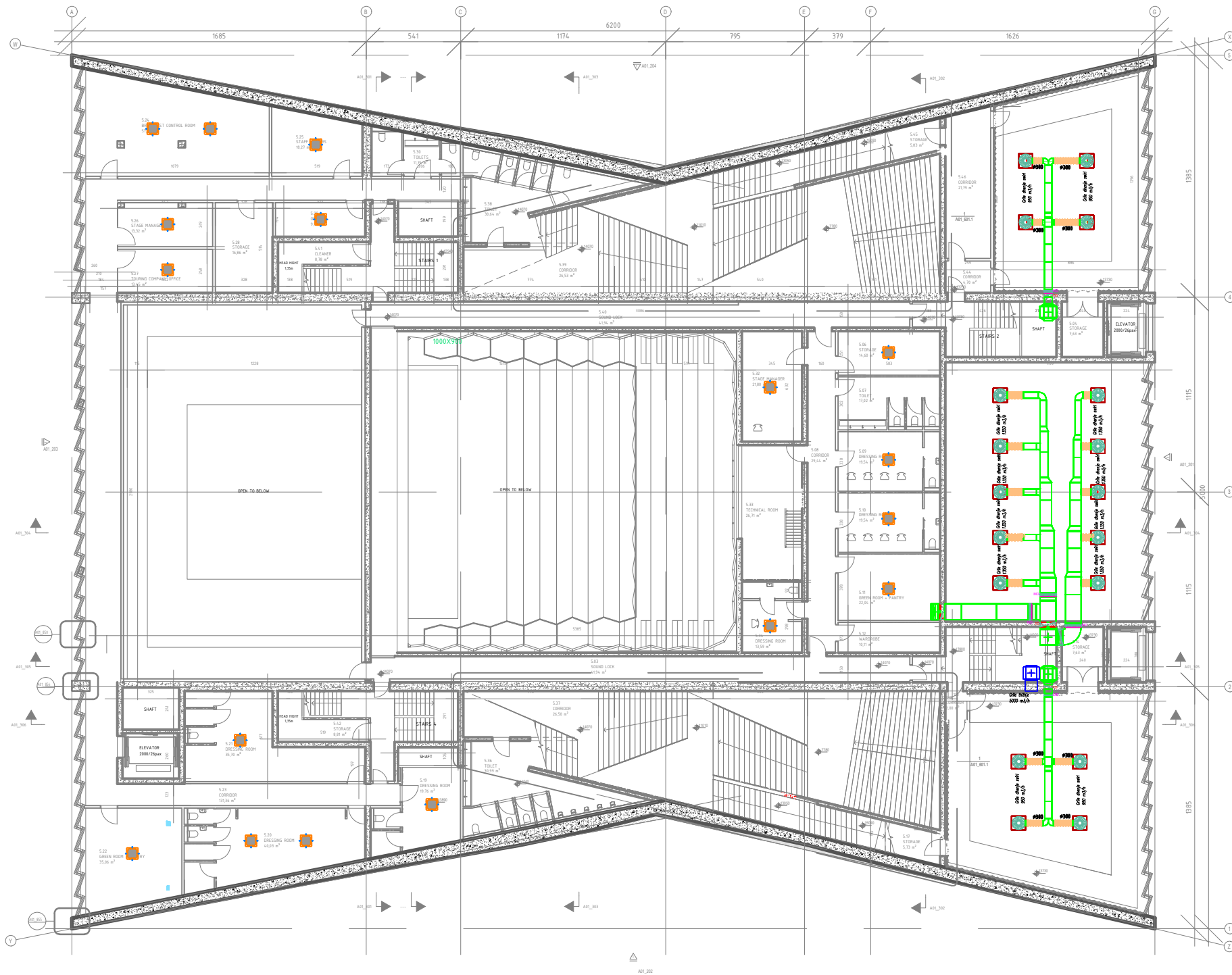
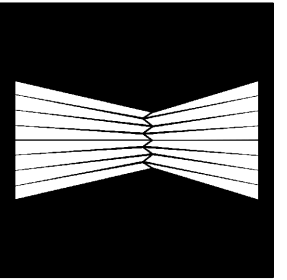
PROJEKT  
Godina e Teatrit Tiranë, Faza I-rë

PROJEKTI  
AJER I KONDICIONUAR

EMERTIMI  
SHPEJTESITE/PRURJET NE  
TUBACIONE AJRI - KUOTA +11.01

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021  
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ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHÀ	
ing.	D. BULI	
ing.	E. CANO	
ing.	N. DASHI	
geohid.	V. AVDA	
elek.	V. HOXHÀ	
ing.	A. BONAVENTURA	
ing.	A. C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
 AJER I KONDICIONUAR**

EMERTIMI  
**DIMENSIONIMI I TUBACIONEVE TE  
 AJRIT DHE GRILAVE - KUOTA +13.73**

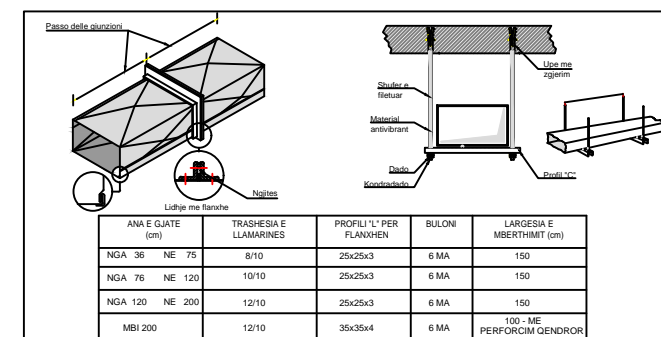
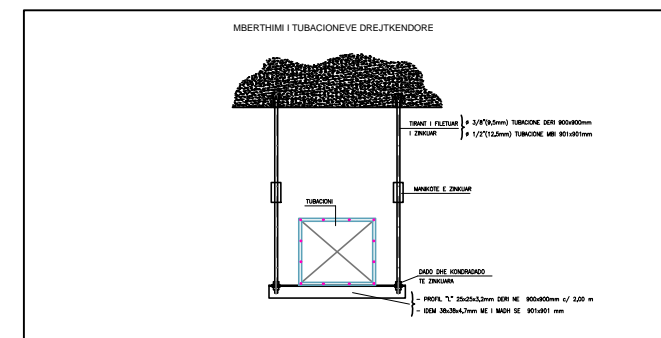
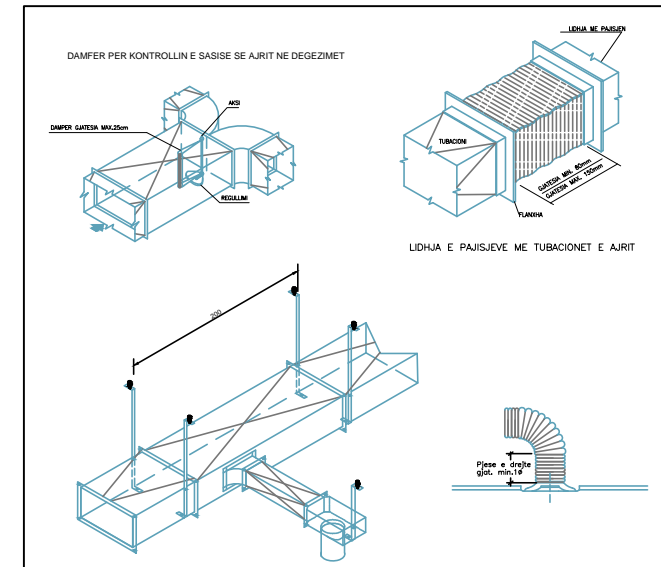
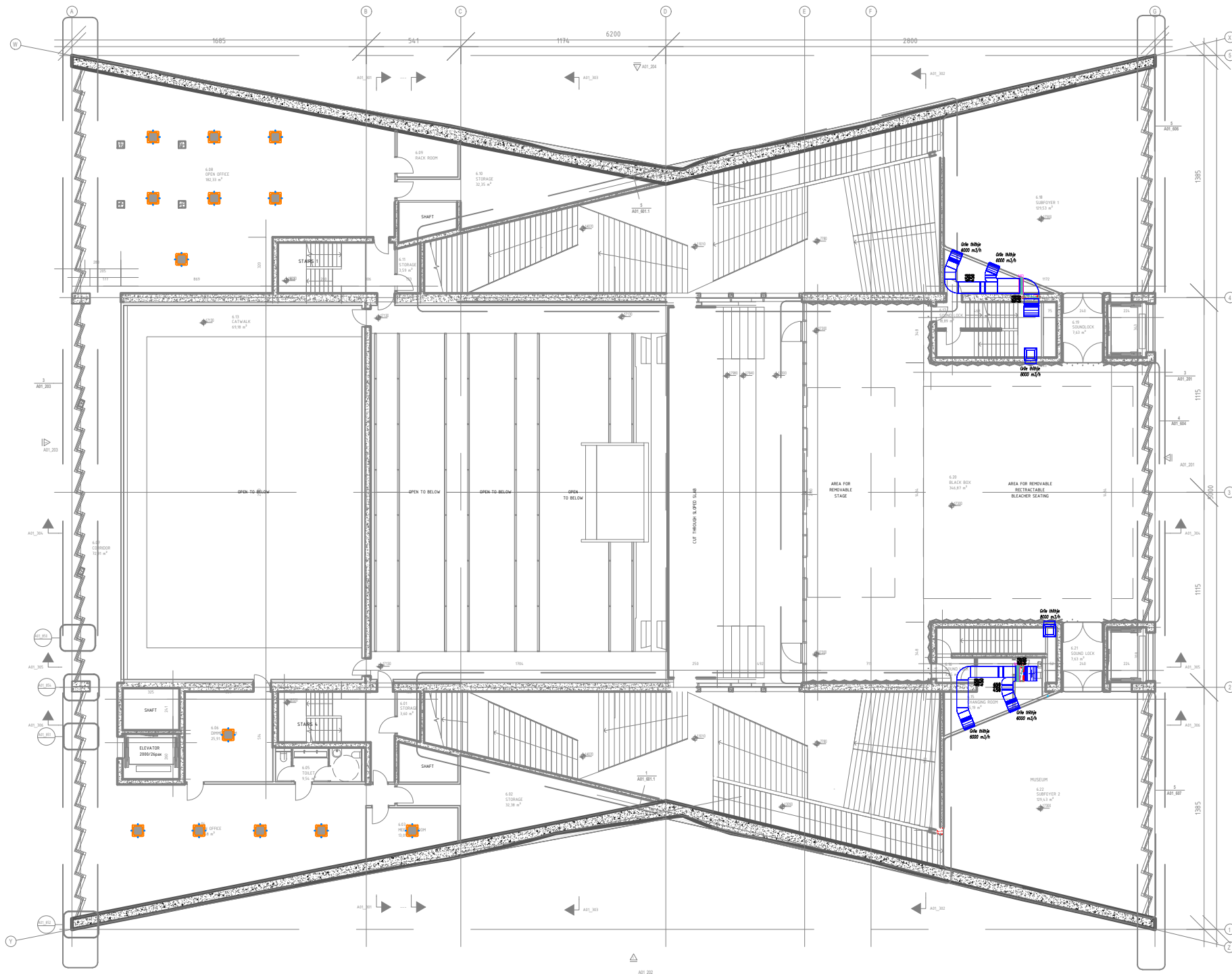
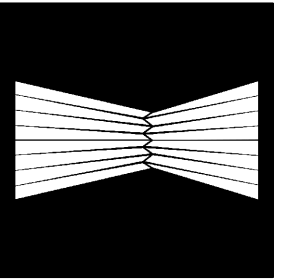
REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA:  
 JANAR 2021

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**M-40**





ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLUZI	
ing.	E. CANO	
ing.	N. DASHI	
gen.	V. AVDA	
elek.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
 AJER I KONDICIONUAR**

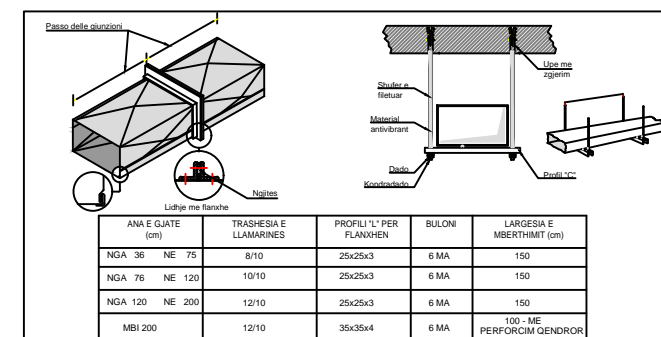
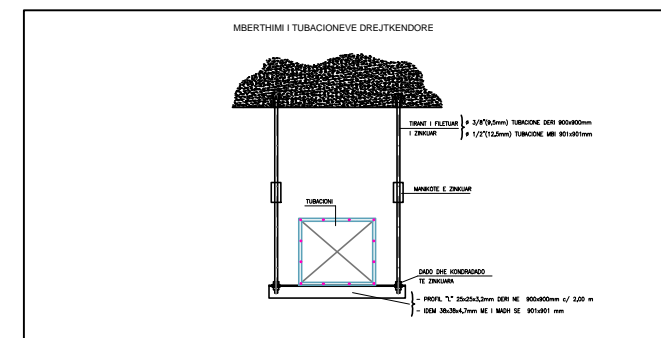
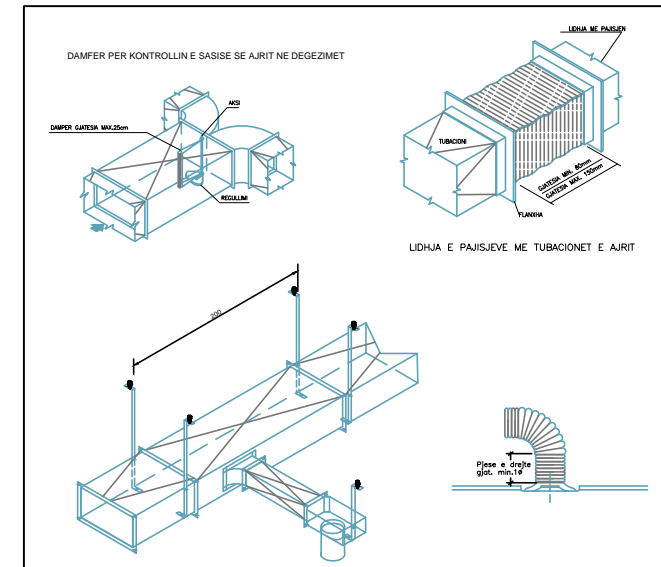
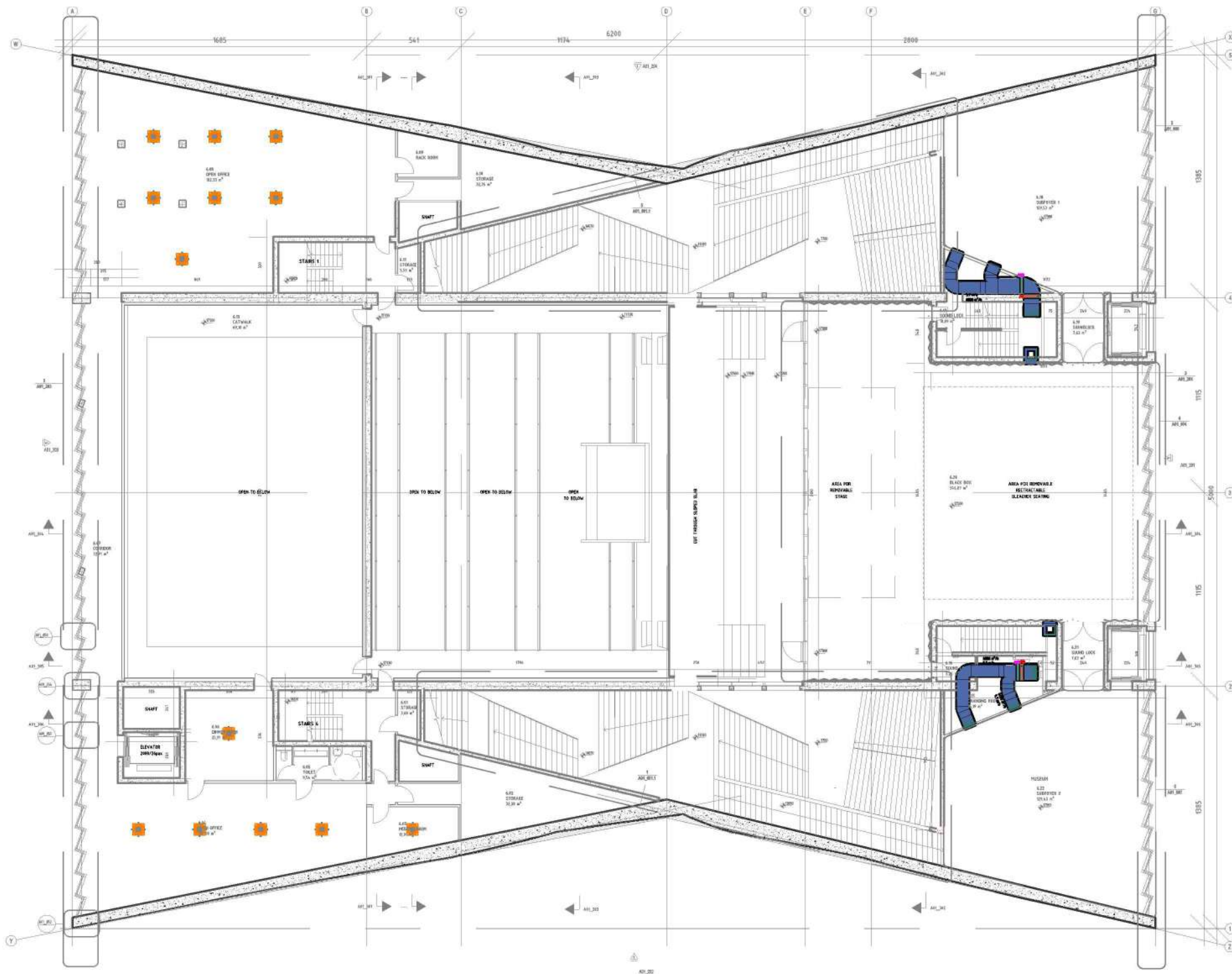
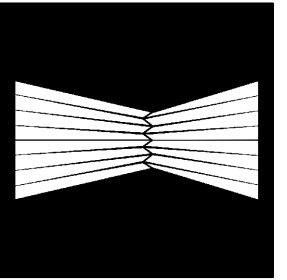
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**DIMENSIONIMI I TUBACIONEVE TE  
 AJRIT DHE GRILAVE - KUOTA +17.30**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA:  
 JANAR 2021

SHALLA:  
 1:50

**M-42**



ark.	P. KAJMAKU
ark.	O. ZOTO
ing.	M. HALLAJ
ing.	E. CANO
ing.	V. HOXHA
ing.	D. BLUZI
ing.	E. CANO
gen.	N. DASHI
geohid.	V. AVDA
elek.	V. HOXHA
ing.	A. BONAVENTURA
ing.	A.C. NUZZO
ing.	G. CHARALAMPOPOULOS
ing.	A. MAGRINI

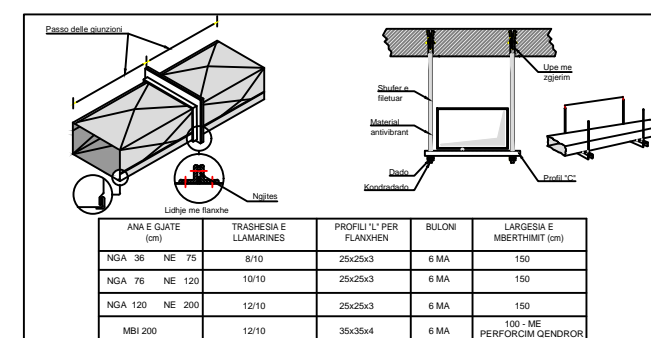
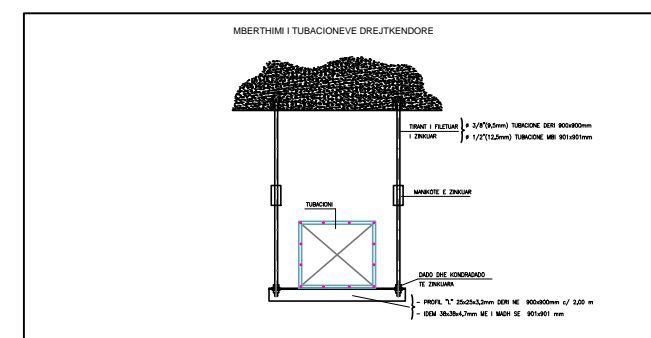
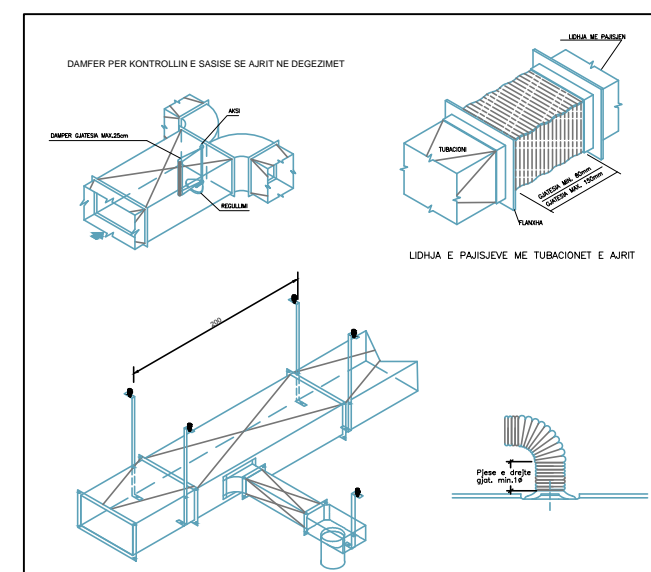
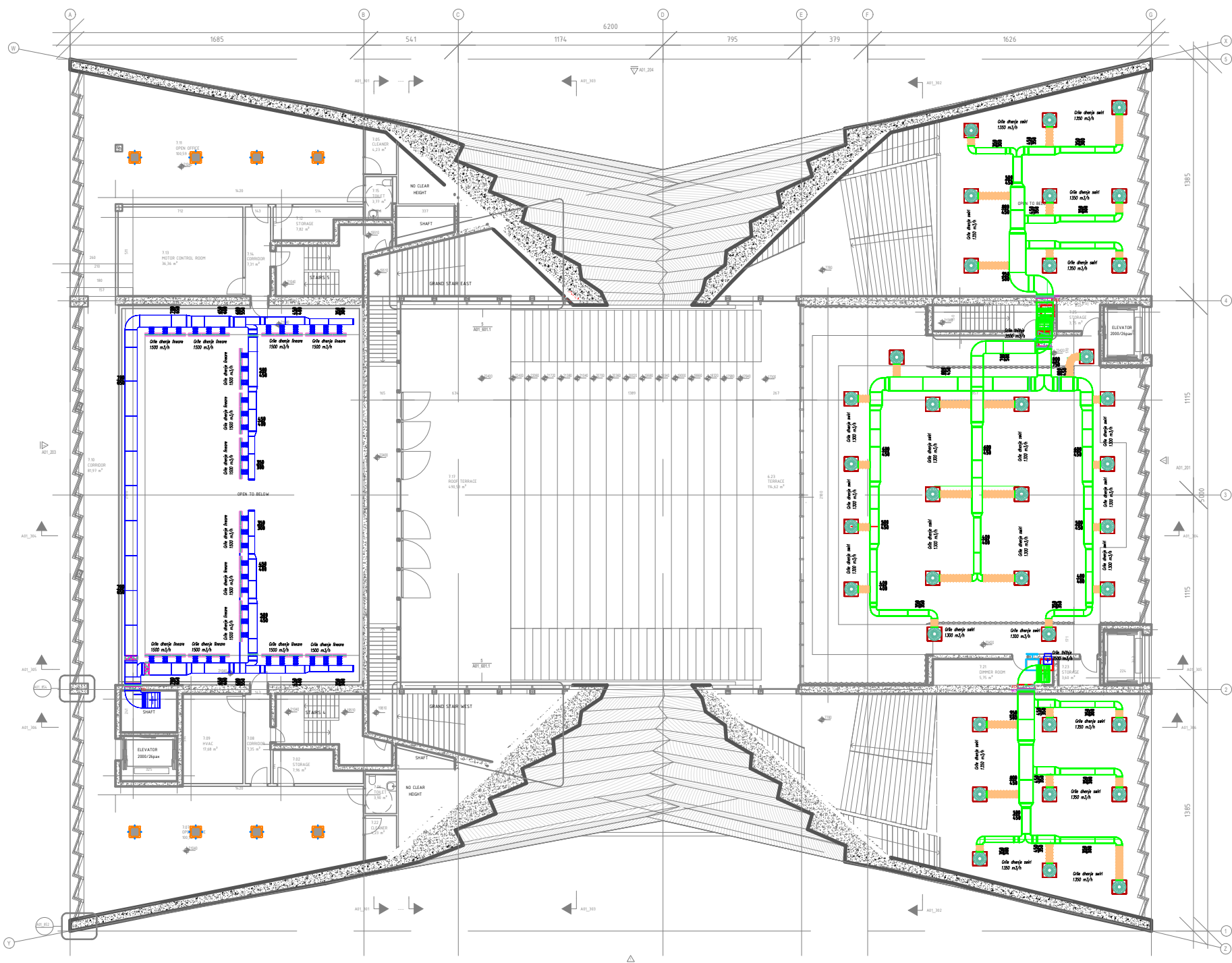
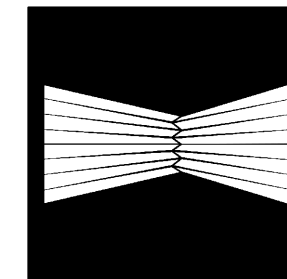
PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI AJER I KONDICIONUAR**  
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**SHPEJTESITE/PRURJET NE TUBACIONE AJRI - KUOTA +17.30**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021  
 SHKALLA: 1:50  
**M-43**





ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHÀ	
ing.	D. BLUZI	
ing.	E. CANO	
ing.	N. DASHI	
geo.	V. AVDA	
geohid.	V. HOXHÀ	
elek.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
 AJER I KONDICIONUAR**

EMERTIMI  
**DIMENSIONIMI I TUBACIONEVE TE  
 AJRIT DHE GRILAVE - KUOTA +21.04**

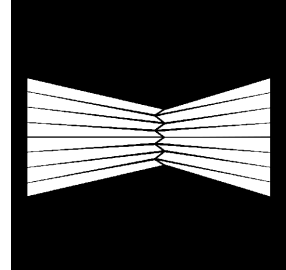
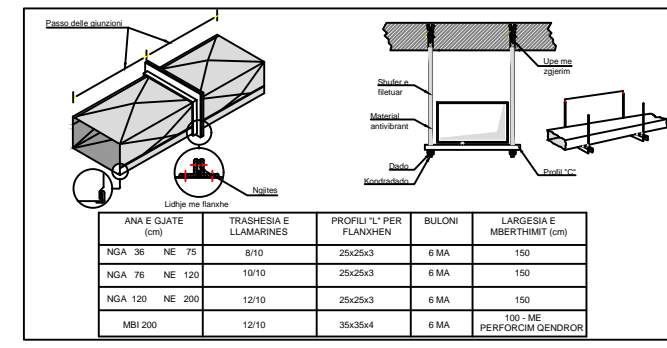
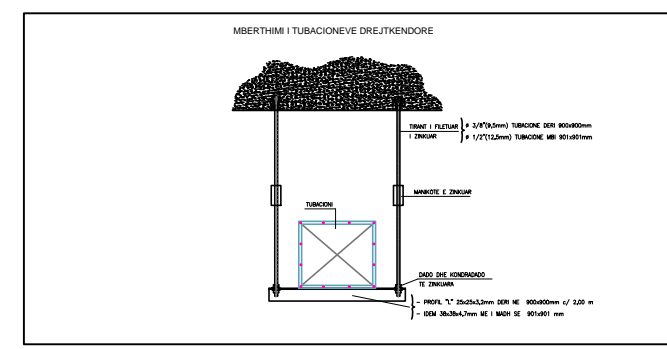
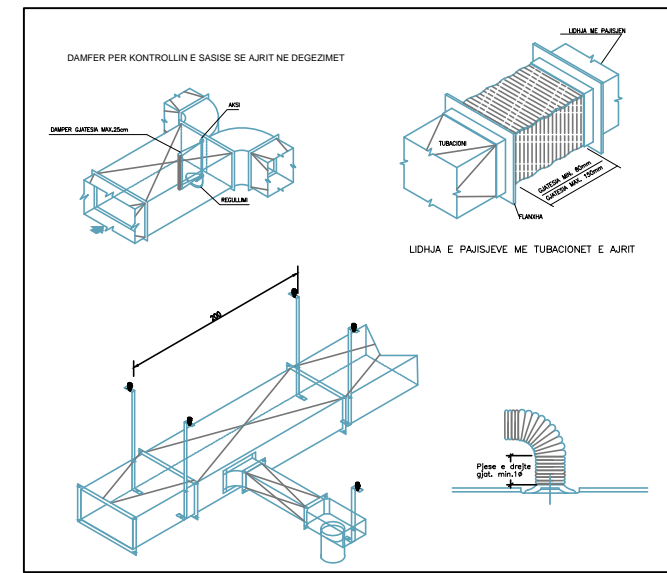
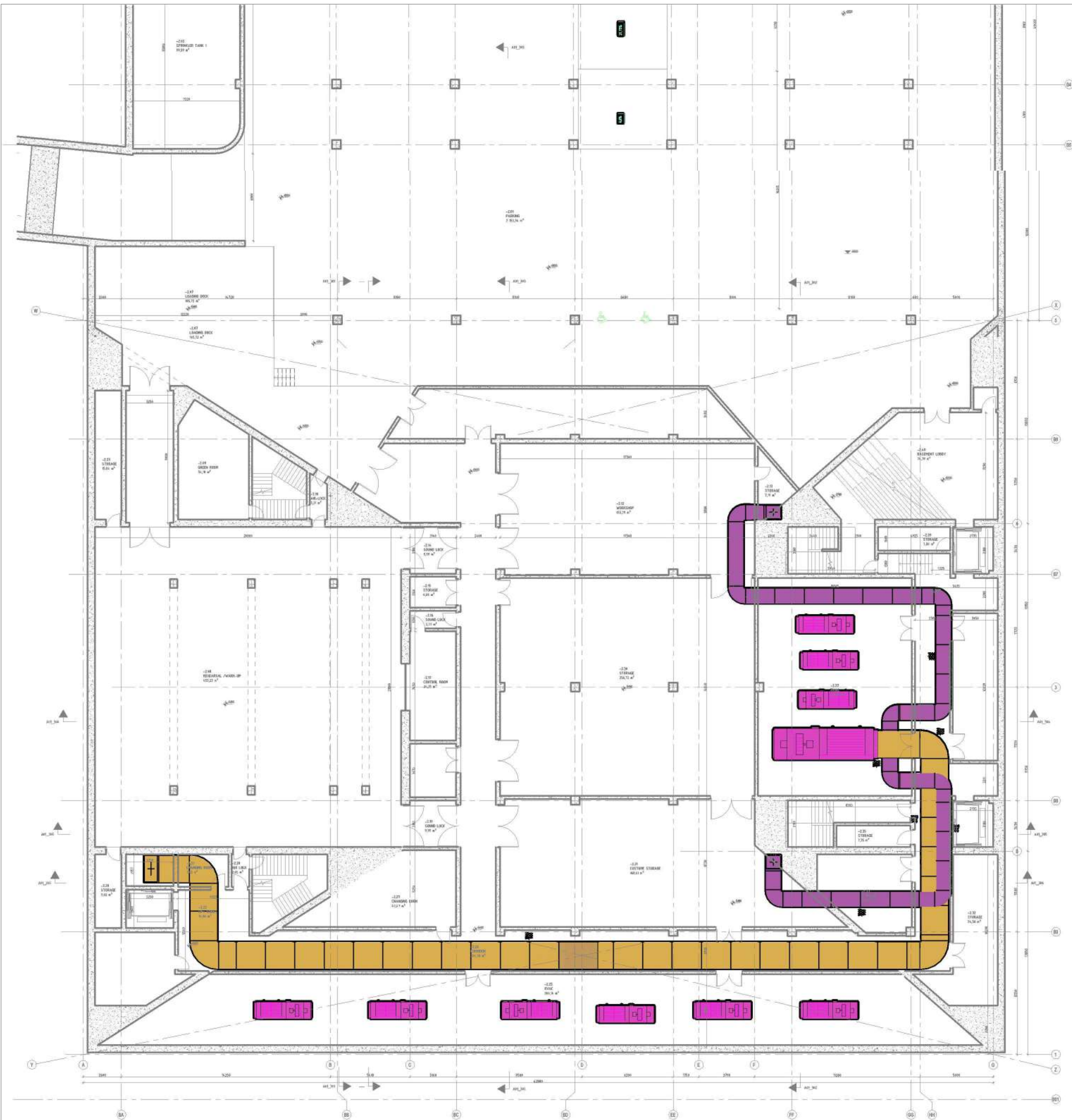
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DATA:  
 JANAR 2021

SHALLA:  
 1:50

**M-44**





AAE ENGINEERING  
A&E ENGINEERING

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ing. D. BUZI  
ing. E. CANO  
ing. N. DASHI  
ing. V. AVDA  
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ing. A. BONAVENTURA  
ing. A. C. NUZZO  
ing. G. CHARALAMPOPOULOS  
ing. A. MAGRINI

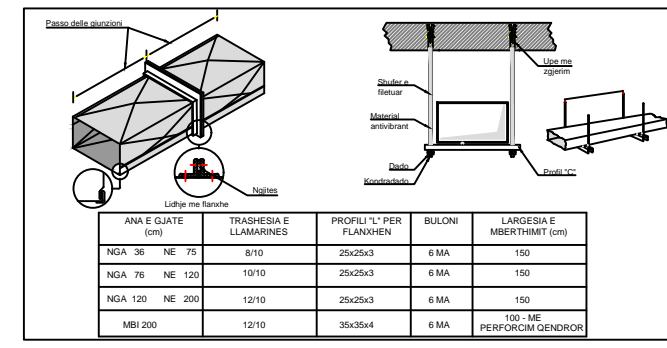
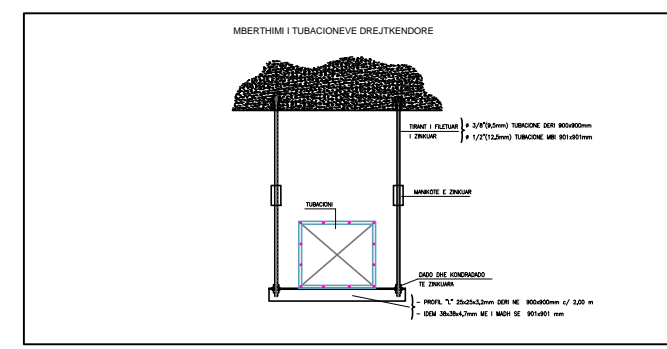
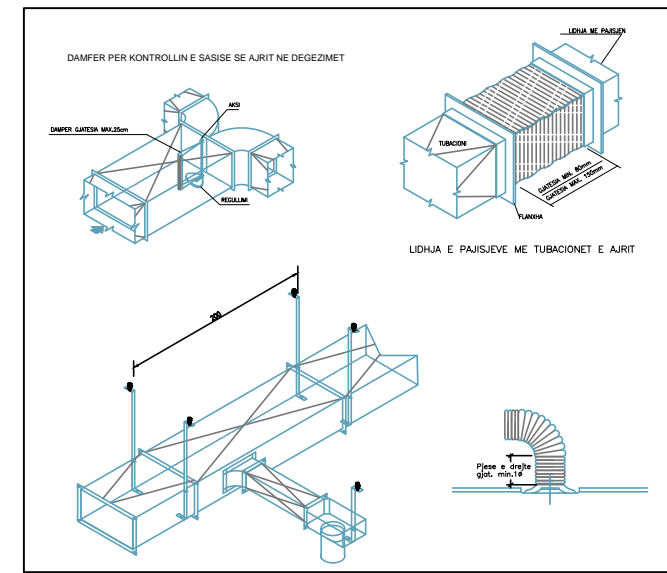
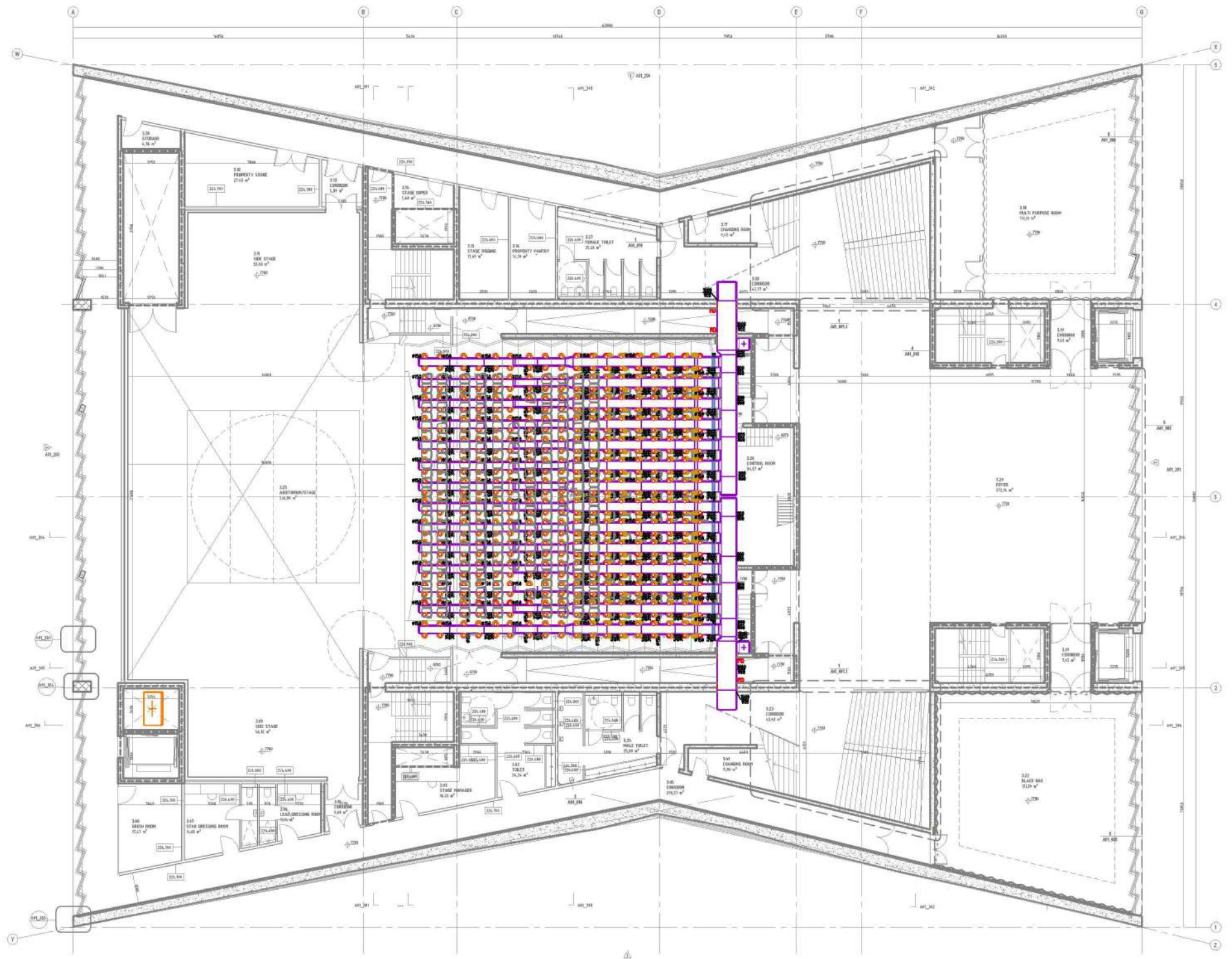
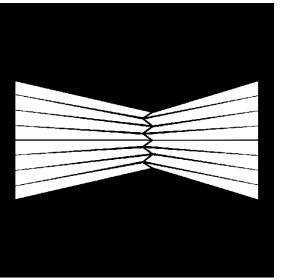
PROJEKT  
Godina e Teatrit Tiranë, Faza I-rë

PROJEKTI  
AJER I KONDICIONUAR  
DIMENSIONIMI I TUBACIONEVE TE  
AJRIT - AUDITORI - KUOTA -5.48

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021  
SHKALLA: 1:50





ASE ENGINEERING  
A&E ENGINEERING

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ing.	V. HOXHIA
ing.	D. BUZI
ing.	E. CANO
proj.	N. DASHI
gen.	V. HOXHIA
geohid.	V. HOXHIA
elek.	V. HOXHIA
ing.	A. BONAVENTURA
ing.	A.C. NUZZO
ing.	G. CHARALAMPOPOULOS
ing.	A. MAGRINI

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

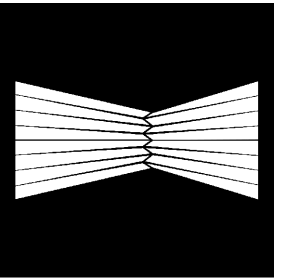
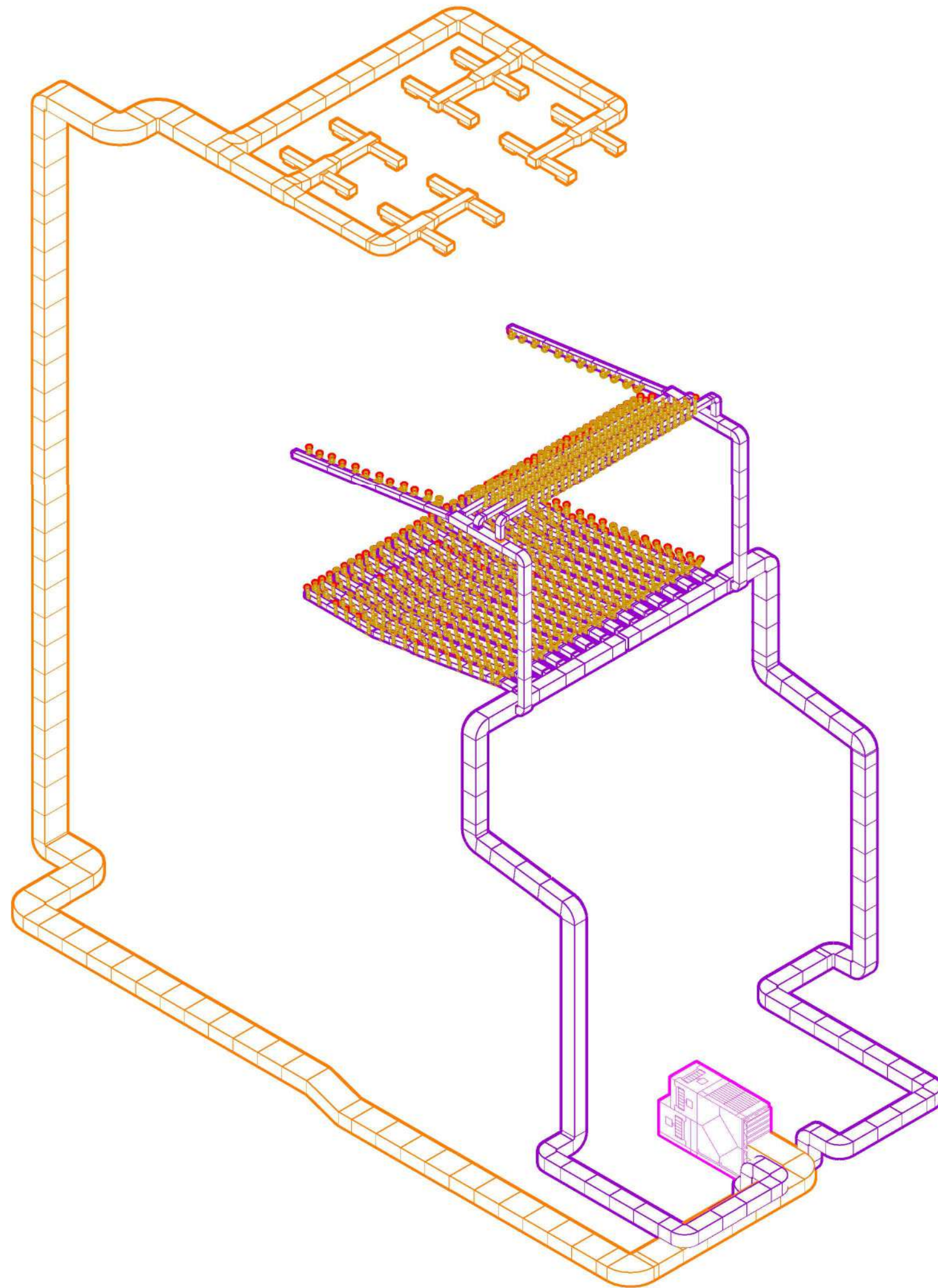
**PROJEKTI AJER I KONDICIONUAR**  
EMERTIMI  
**DIMENSIONIMI I TUBACIONEVE TE AJRIT - AUDITORI - KUOTA +7.78**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021  
SHKALLA: 1:50







**F&M**  
ingegneria

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fax 041-4828933

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ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BUZI	
ing.	E. CANO	
indir.	N. DASHI	
gen.	V. AVDA	
geohid.	V. HOXHA	
elek.	A. BONAVENTURA	
ing.	A. C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
AJER I KONDICIONUAR**

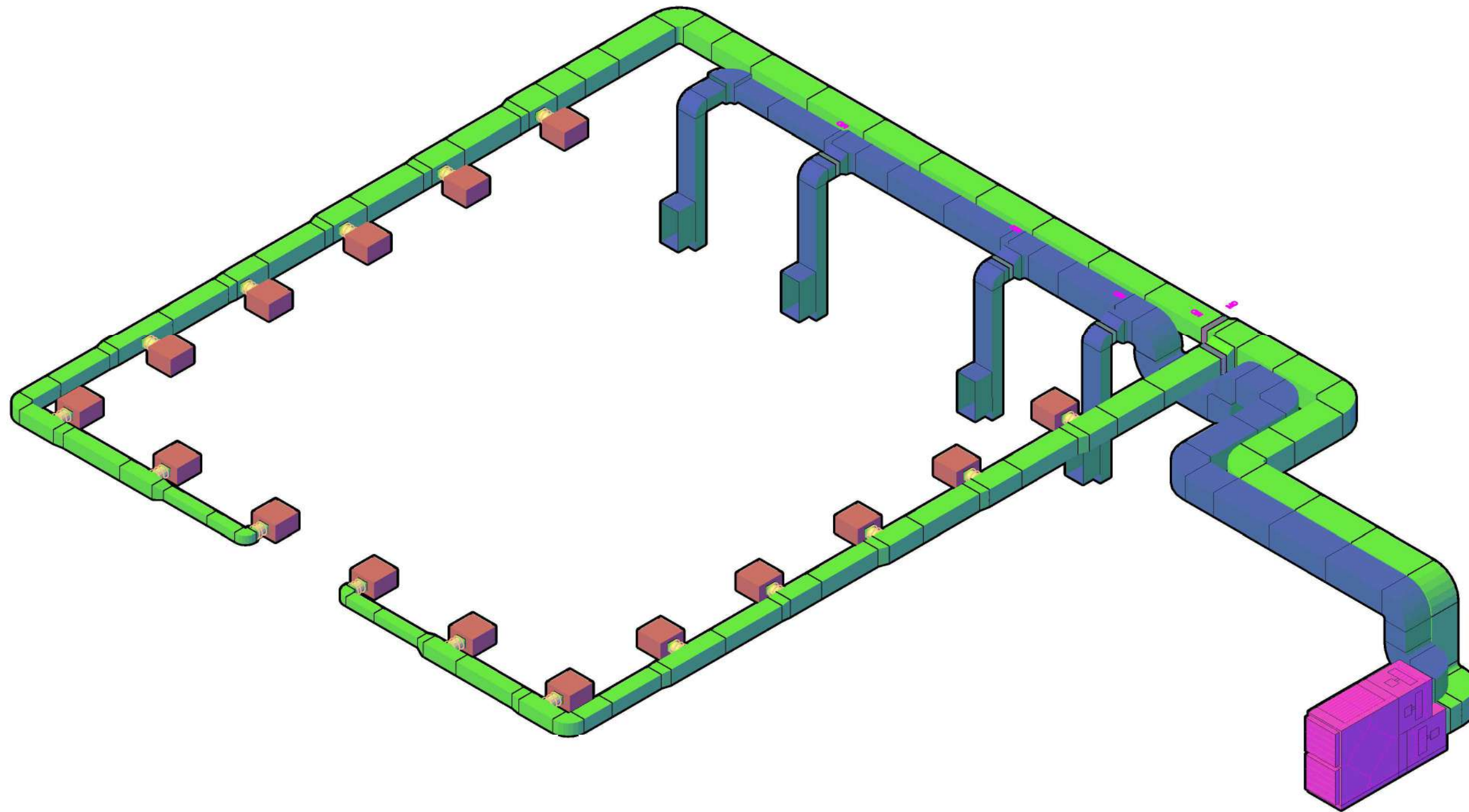
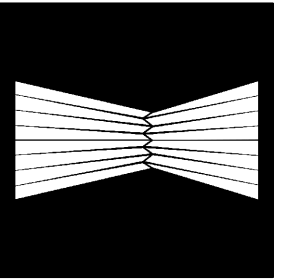
EMERTRIM  
**SKEMA 3D E TUBACIONEVE TE  
AJRIT TE KONDICIONUAR- AUDITORI**

REV.	DATE	FILE	OBJECT	DRW	APPR.

**M-51**

DATA: JANAR 2021      SHKALLA: 1:50





ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLIZI	
ing.	E. CANO	
ing.	N. DASHI	
ing.	V. AVDA	
ing.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A. C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

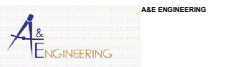
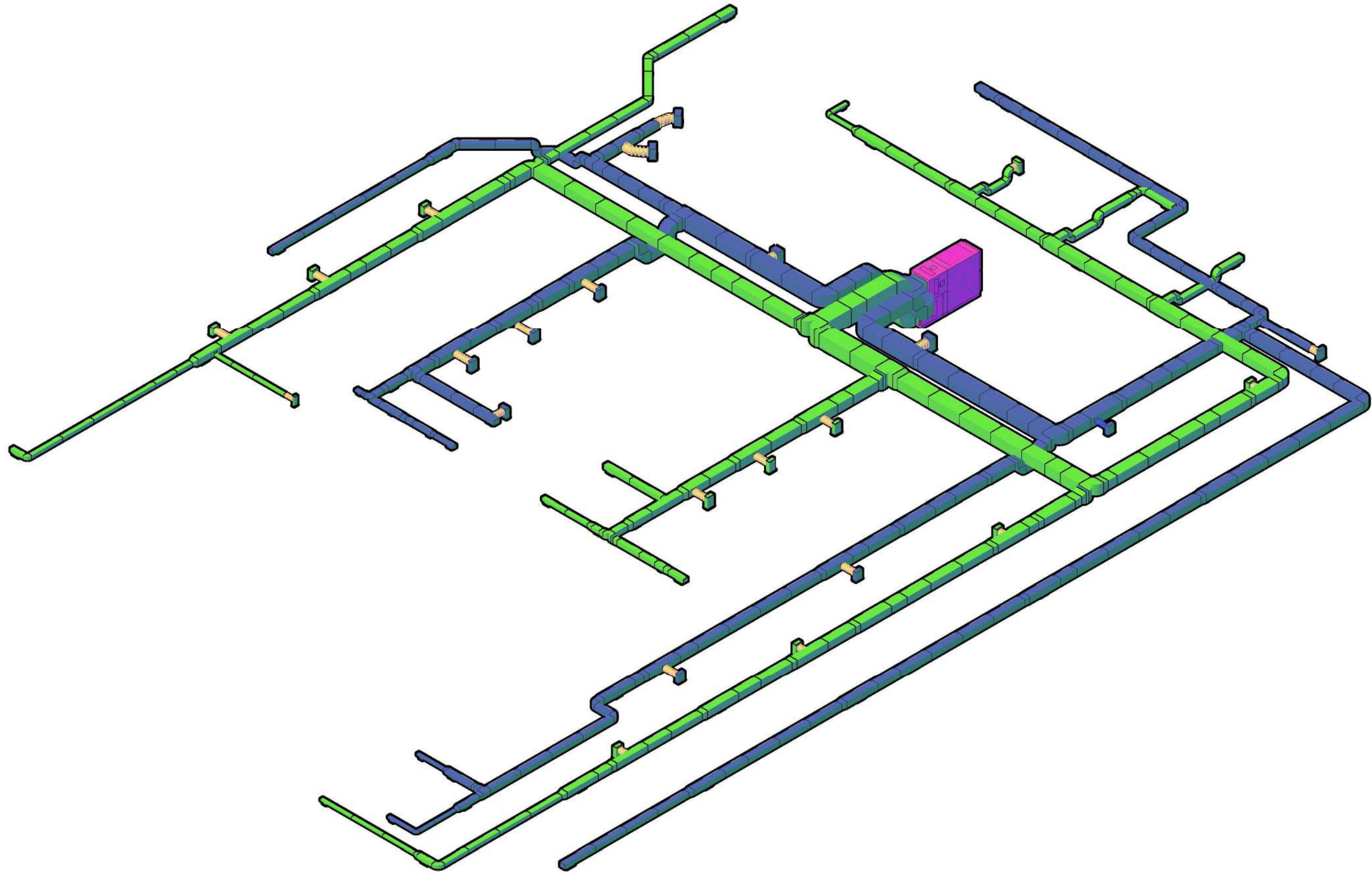
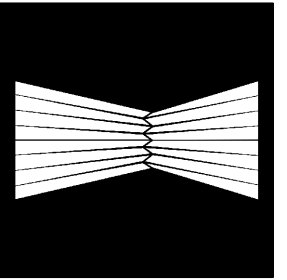
PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
AJER I KONDICIONUAR**

EMERTIMI  
**SKEMA 3D E TUBACIONEVE AJRIT  
REHEARSAL WARM UP**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021  
SHKALLA: 1:50  
**M-52**



A&E ENGINEERING



Studio Konsulento  
**F&M INGEGNERIA S.p.A.**  
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ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLIZI	
ing.	E. CANO	
ing.	N. DASHI	
geohid.	V. AVDA	
elek.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A. C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

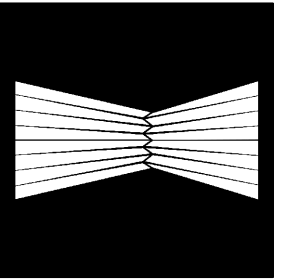
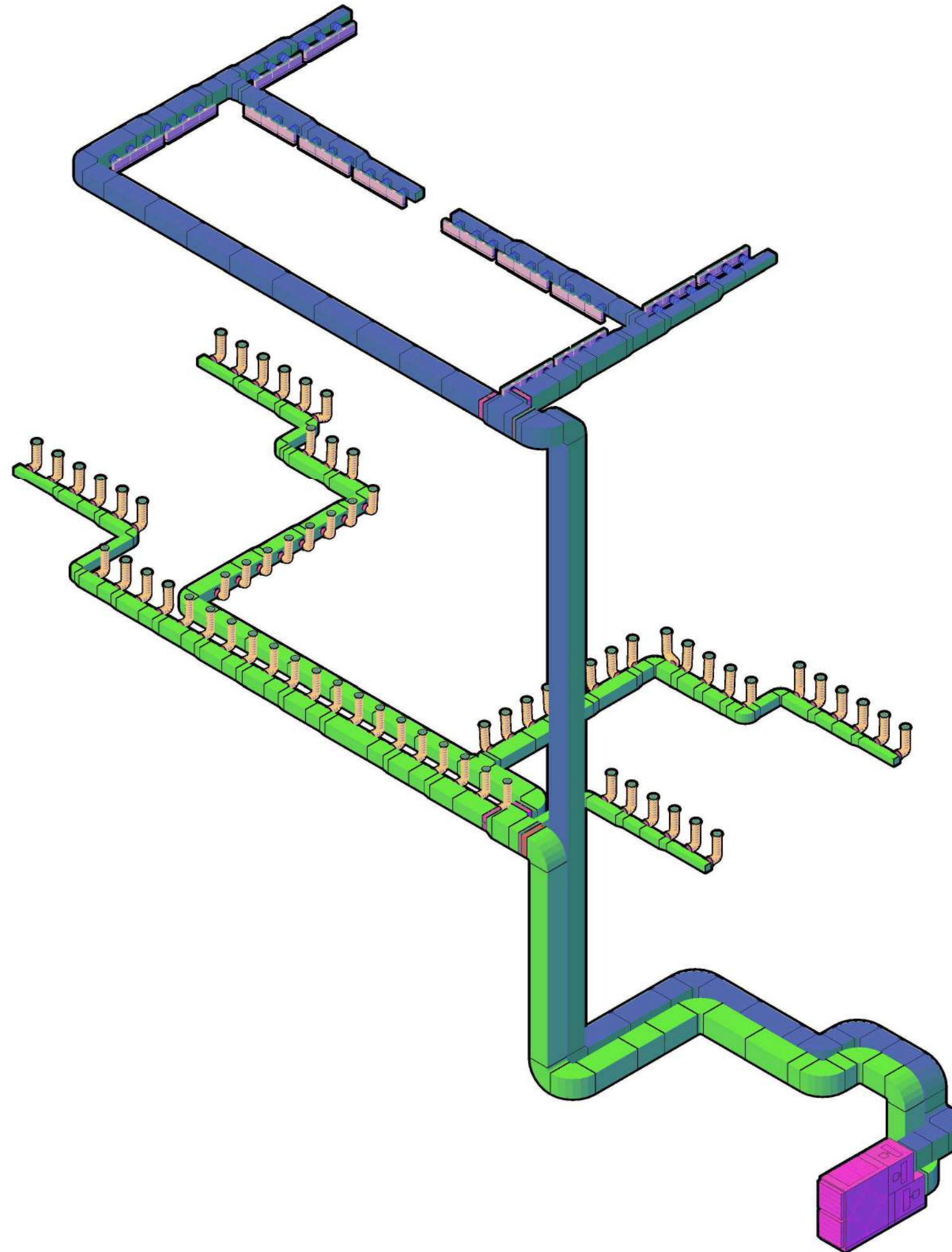
PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
 AJER I KONDICIONUAR**

EMERTIMI  
**SKEMA 3D E TUBACIONEVE AJRIT  
 AMBJENTE SHERBIMI - KUOTA -5.48**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021  
 SHKALLA: 1:50  
**M-53**



ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLIZI	
ing.	E. CANO	
ing.	N. DASHI	
ing.	V. AVDA	
ing.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A. C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

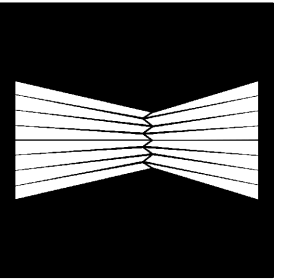
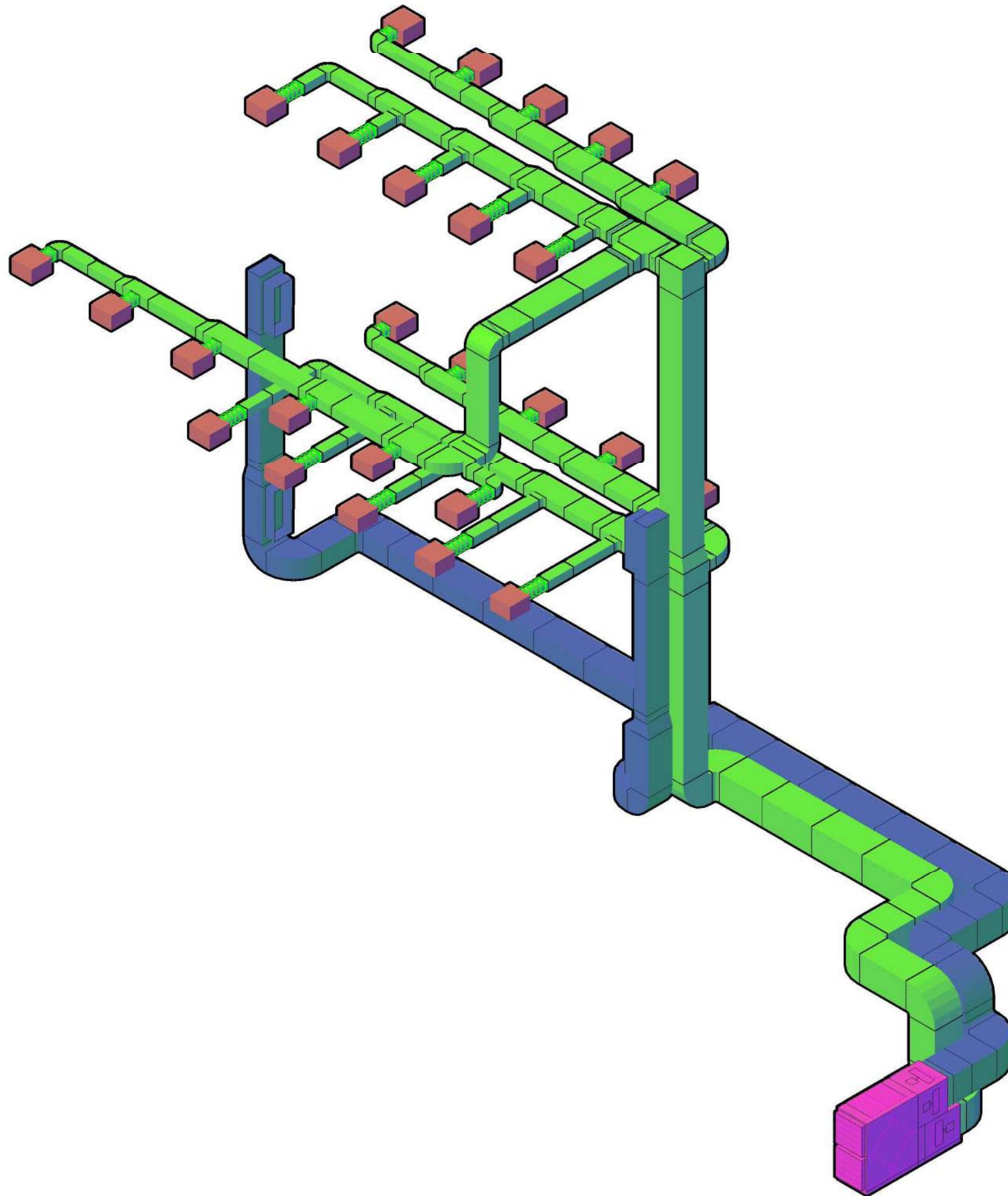
**PROJEKTI  
 AJER I KONDICIONUAR**

EMERTIMI  
**SKEMA 3D E TUBACIONEVE AJRIT  
 STAGE**

REV.	DATE	FILE	OBJECT	DRW	APPR.

**M-54**

DATA: JANAR 2021      SHKALLA: 1:50



ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLUZI	
ing.	E. CANO	
ing.	N. DASHI	
geohid.	V. AVDA	
elek.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A. C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

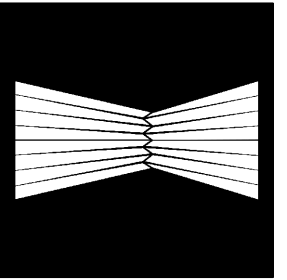
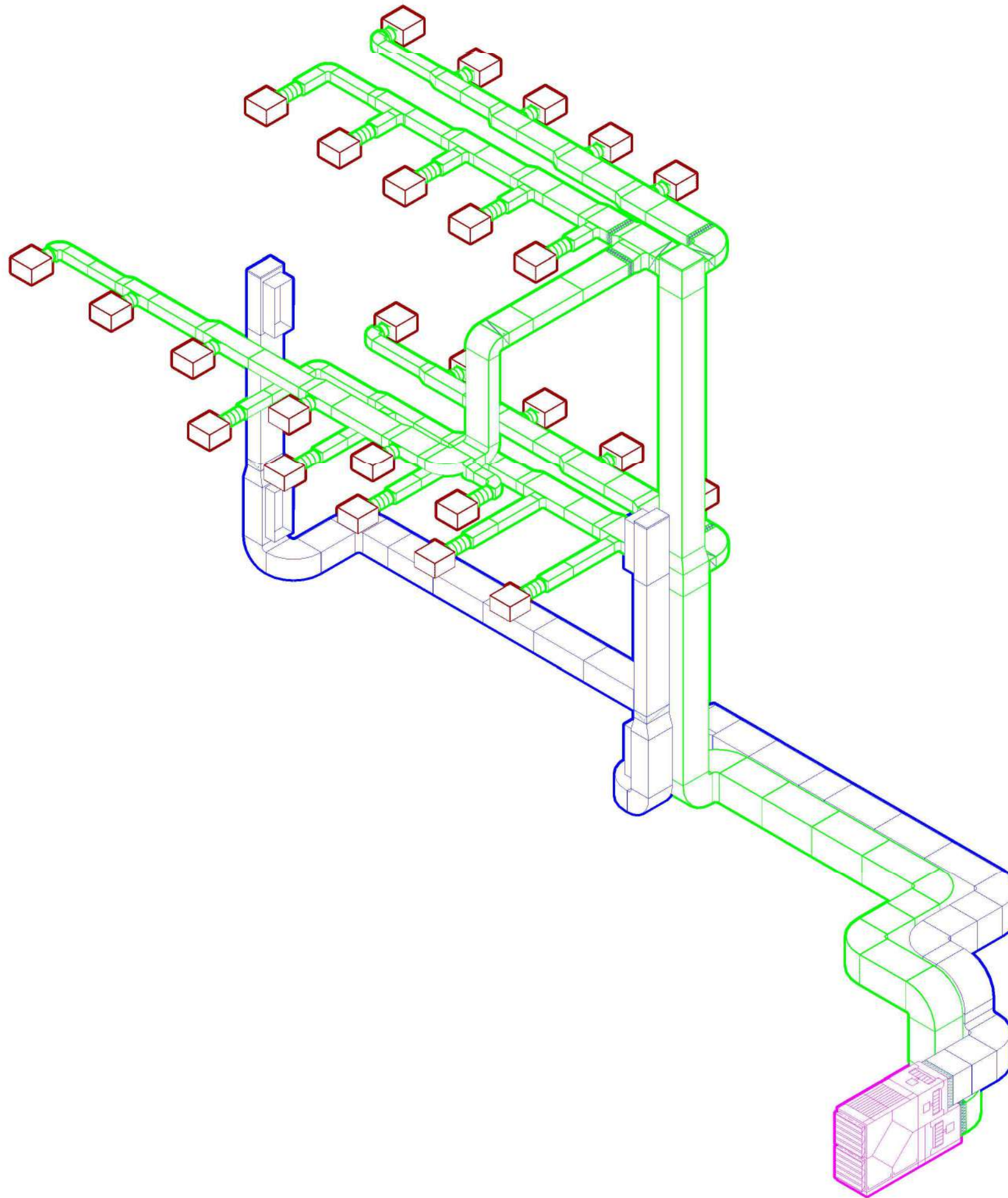
**PROJEKTI  
 AJER I KONDICIONUAR**

EMERTIMI  
**SKEMA 3D E TUBACIONEVE AJRIT  
 HALL & FOYER**

REV.	DATE	FILE	OBJECT	DRW	APPR.

**M-55**

DATA: JANAR 2021      SHKALLA: 1:50



**F&M**  
ingegneria

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ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLIZI	
ing.	E. CANO	
ing.	N. DASHI	
geod.	V. AVDA	
elek.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
AJER I KONDICIONUAR**

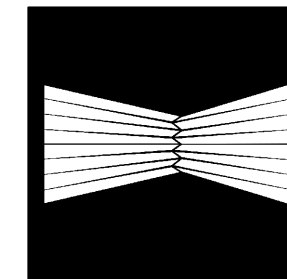
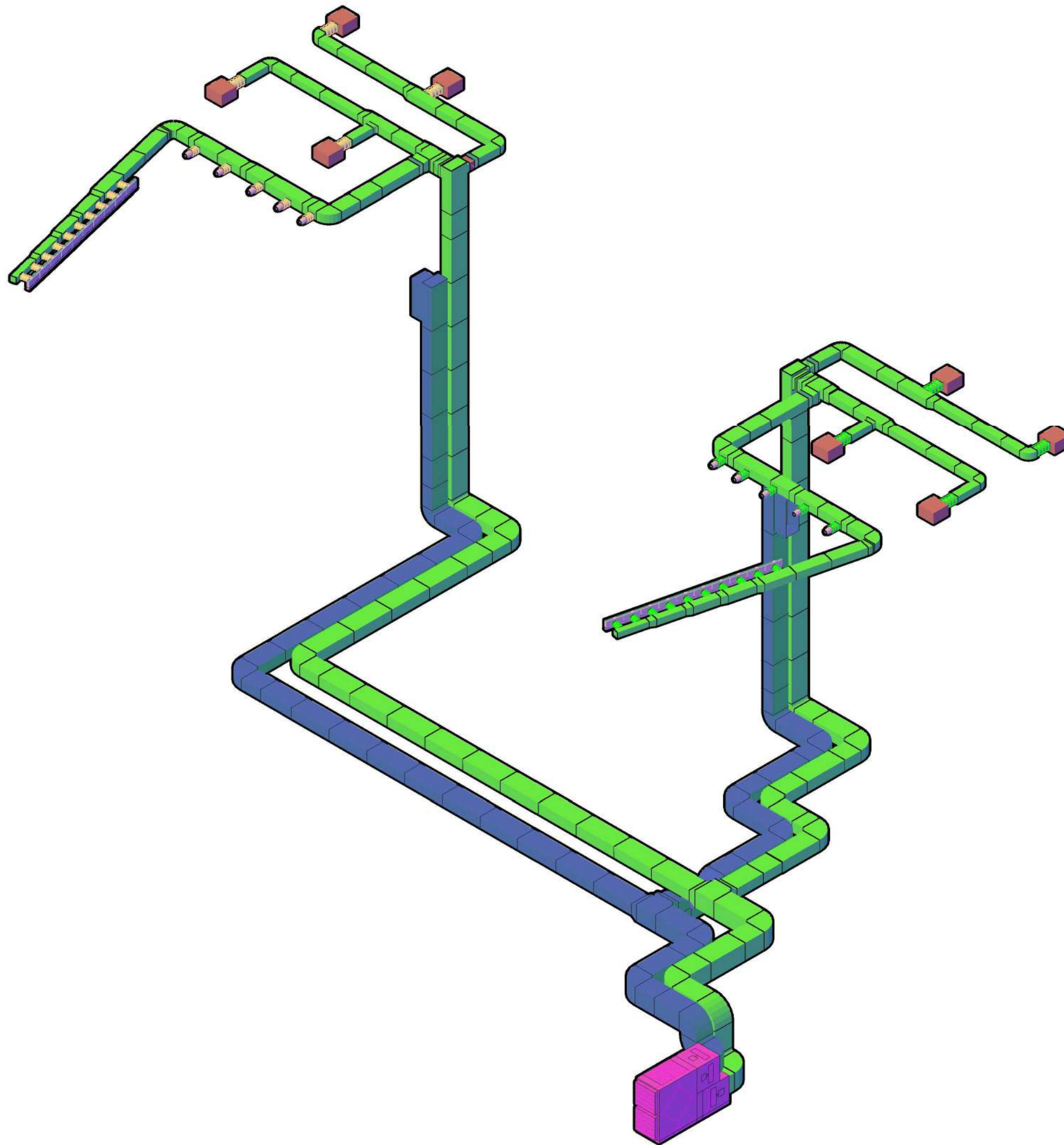
EMERTIMI  
**SKEMA 3D E TUBACIONEVE AJRIT  
HALL & FOYER**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021

SHKALLA: 1:50

**M-55**



ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLIZI	
ing.	E. CANO	
ing.	N. DASHI	
ing.	V. AVDA	
ing.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A. C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

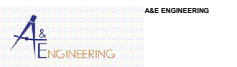
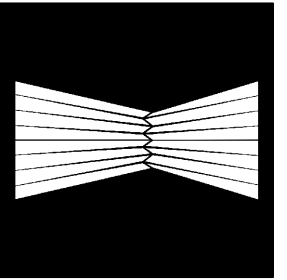
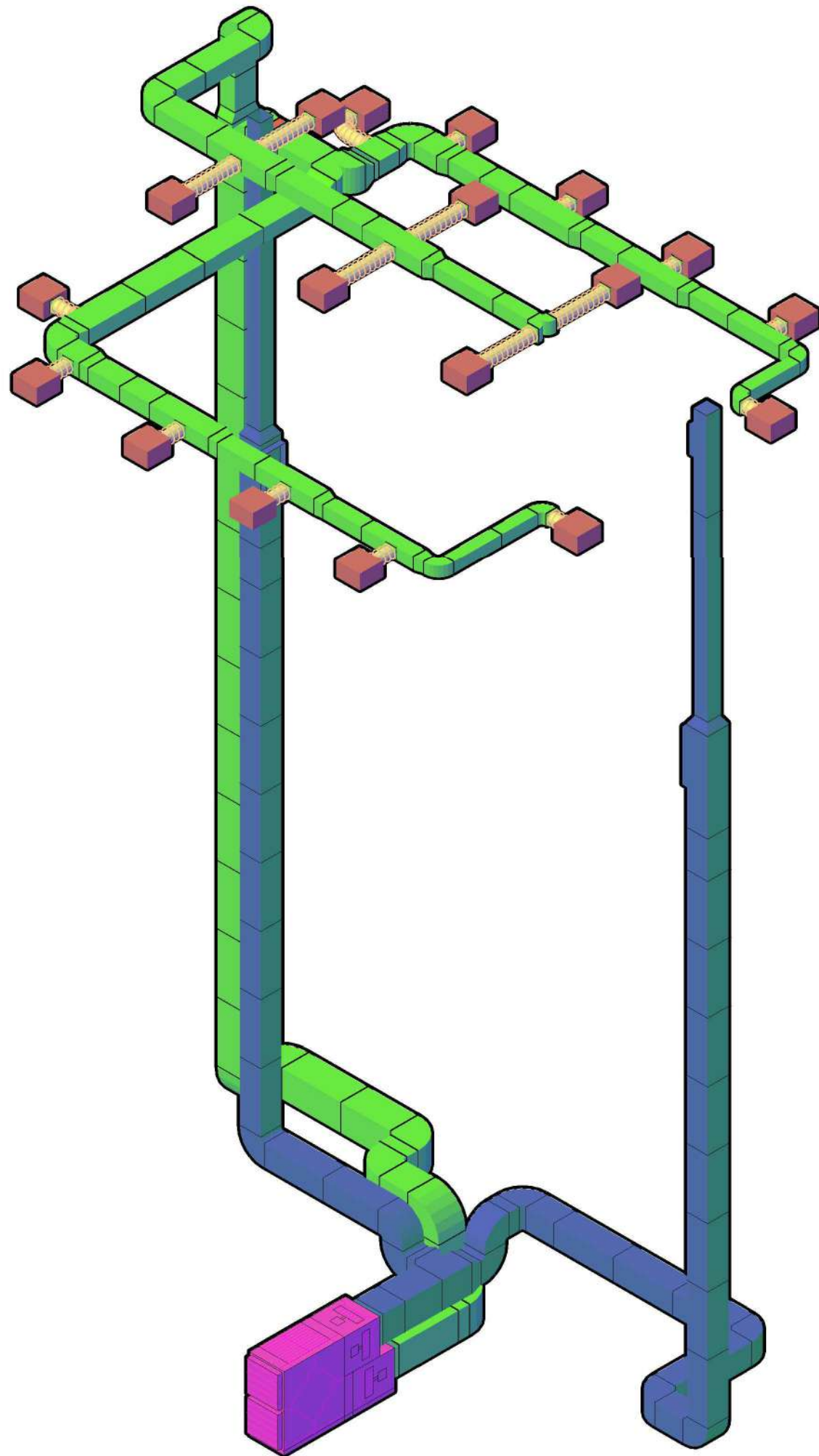
PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
AJER I KONDICIONUAR**

EMERTIMI  
**SKEMA 3D E TUBACIONEVE AJRIT  
STAIRS**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021  
SHALLA: 1:50  
**M-57**



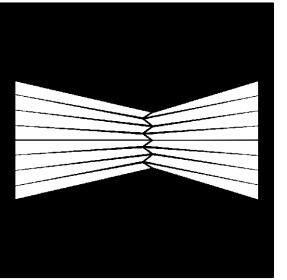
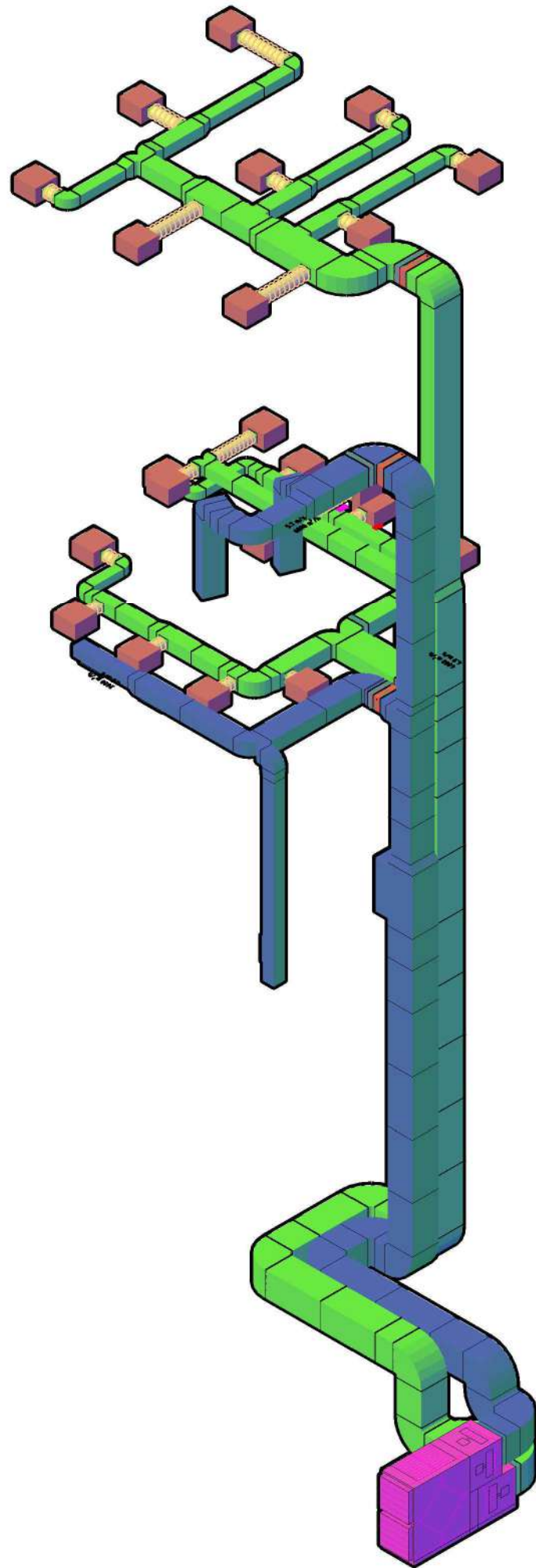
ark.	P. KAJMAKU	
ark.	O. ZOTO	
ark.	M. HALILAJ	
ark.	E. CANO	
ark.	V. HOXHA	
ark.	D. BLIZI	
ark.	E. CANO	
ark.	N. DASHI	
ark.	V. AVDA	
ark.	V. HOXHA	
ark.	A. BONAVENTURA	
ark.	A. C. NUZZO	
ark.	G. CHARALAMPOPOULOS	
ark.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
AJER I KONDICIONUAR**

EMERTIMI  
**SKEMA 3D E TUBACIONEVE AJRIT  
BIG BLACK BOX**

REV.	DATE	FILE	OBJECT	DRW	APPR.



ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLIZI	
ing.	E. CANO	
ing.	N. DASHI	
geohid.	V. AVDA	
elek.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
AJER I KONDICIONUAR**

EMERTIMI  
**SKEMA 3D E TUBACIONEVE AJRIT  
MULTI PURPOSE ROOM & SUBFOYER**

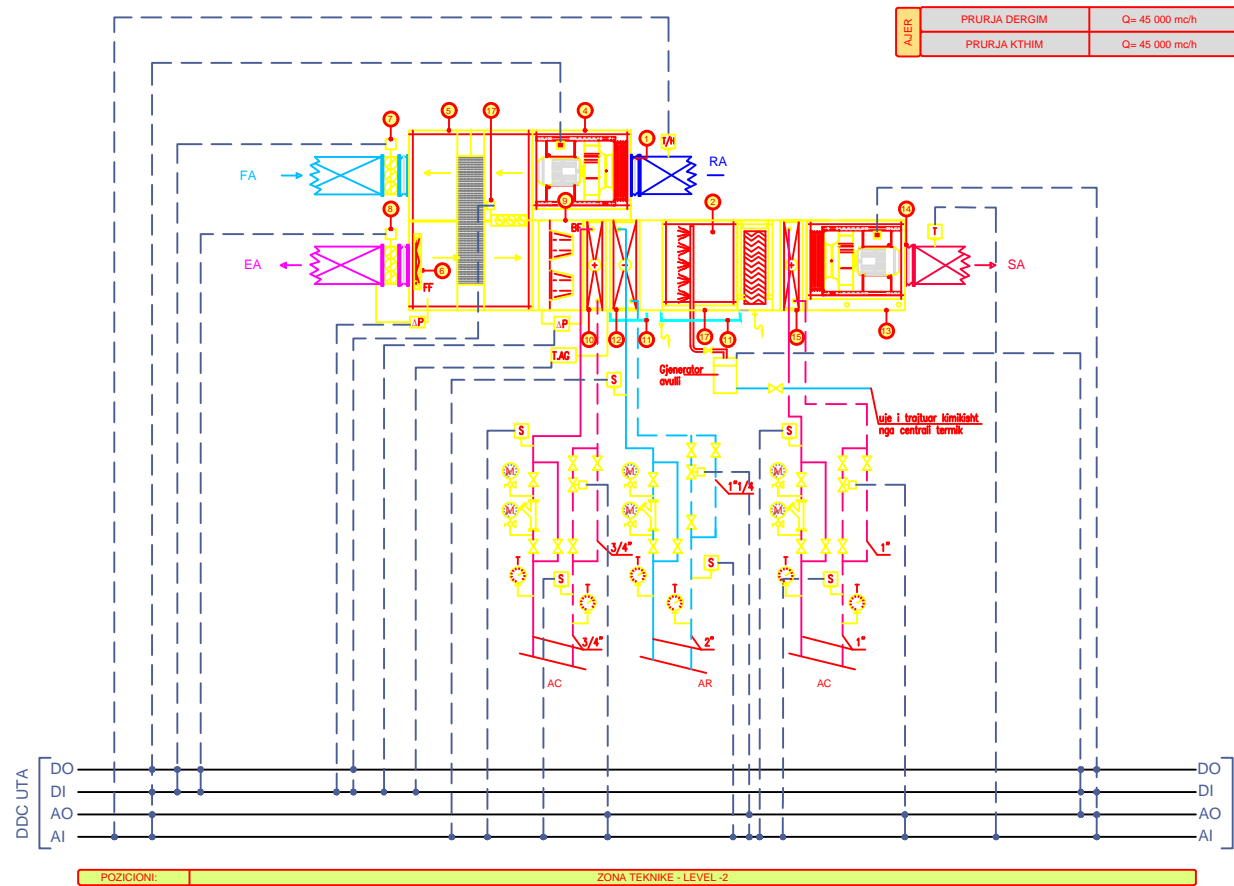
REV.	DATE	FILE	OBJECT	DRW	APPR.

**M-59**

DATA: JANAR 2021      SHKALLA: 1:50



# AHU - AUDITORIUM

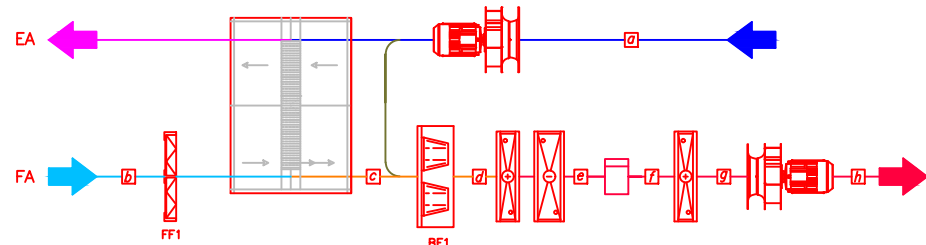
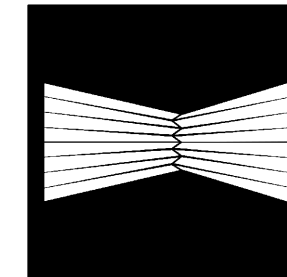


## TE DHENA TEKNIKE

1 XHUNTO ANTIVIBRANTE prej cope ose pvc	11 BATERIA NGRHESHE Fuqia termike: 327.9 kW Ajer (IN): 13.5°C - Ajer (OUT): 35°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 22.5 kPa
2 GJENERATOR AVULLI Prodhimtaria e avullit: 260 kg/h Fuqi e absorbuar: 2x97.5 kW - Alim.400/3/50 (V/ph/Hz)	12 VASKE PER MBLEDHJE KONDESATI prej celiku inox AISI 304
3 VENTILATORI I THITHJES PLUG FAN Prurja e ajrit: 45000 mc/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 12.1 kW Fuqi elekt. Nominale: 2x15 kW - .400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 90.3% - classe IE2 Klasa e izolimit: F; Protezione: IP 55	13 BATERIA FTOHESE Fuqia ftohese: 354 kW Ajer (IN): 29.2°C - Ajer(OUT): 15°C (l.rel100%) Uji (IN): 7°C - Uji (OUT): 12°C Renie presioni bateri : 22.9 kPa
4 REKUPERATOR NXHETESIE ROTATIV ENTALPIK Eficiencia e rikuperimit: 64.8%	14 VENTILATOR DERGIMI PLUG FAN Prurja e ajrit: 45000 mc/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 15.18 kW Fuqi elekt. Nominale: 2x18.5 kW - .400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 91.4% - classe IE2 Klasa e izolimit: F; Protezione: IP 55
5 SEKSIONI I FILTRIMIT Filtro sintetico piegthetato eficiencia G4 Dp iniziale / media / finale [Pa] 114/132/150	15 DAMFERA prej alumini te motorizuar
6 DAMFERA prej alumini te motorizuar	16 BATERIA E PASNGROHJES Fuqia termike: 105.7 kW Ajer (IN): 15 C - Ajer (OUT): 22°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 10.6 kPa
7 SEKSIONI I FILTRIMIT Filter me xhepa eficiencia F7 Dp min / mes / max [Pa] 102/176/250	

## KARAKTERISTIKAT KONSTRUKTIVE ( instalim i brendshem)

Trashesia e profilit	60 mm	Trashesia e paneleve	50 mm
Vidat	te zinkuara	Izolimi	shikume poluretani
Korniza mbeshket.	Alumin me mbushje per nyje termike	Ana e jashtme	Llamarine e zinkuar e paralyer RAL7047
Pjesa poshte	INOX 304 sp.12/10 mm	Ana e brendshme	acciaio zincato
Kendoret e brend.	standard	n° Bacinelle	2



KUSHTET JASHTME PROJEKT.	
DIMER	
Temperatura	-2°C
Lageshti Relative	80%
VERE	
Temperatura	35°C
Lageshti Relative	55%

ANALIZA PSIKROMETRIKE DIMER																	
VENTILATOR KTHIMI				GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)							
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	AJER	T	LR			
Plug Fan	45000mc/h	350Pa	2x15 kW	45000mc/h	22°C	50%	F7	176Pa	250Pa	22500mc/h	-2°C	80%					
REKUPERATOR ROTATIV				GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)				BATERI NGRHESHE GJENDJA (e)			
Effic.	FUQI TERMIK.	REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	
65%	159.7 kW		22500mc/h	29.2°C	55%	F7	182.5Pa	250Pa	45000mc/h	13.49°C	49%	45000mc/h	13.49°C	35°C	327.94kW	45-40°C	15.84 L/S
GJENERATOR AVULLI				BATERI PAS NGRHESHE GJENDJA (f)			GJENDJA (g)			GJENDJA (h)				VENTILATOR DERGIMI			
AJER	Hyrje UR%	Dalje UR%		AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power		
45000mc/h	35	50		45000mc/h	15°C	22°C	105.69kW	45-40°C	5.1 L/S	45000mc/h	35°C	Plug Fan	45000mc/h	350Pa	2x18.5kW		

ANALIZA PSIKROMETRIKE VERE																	
VENTILATOR KTHIMI				GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)							
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	AJER	T	LR			
Plug Fan	45000mc/h	350Pa	2x15 kW	45000mc/h	25°C	50%	F7	176Pa	250Pa	22500mc/h	35°C	55%					
REKUPERATOR ROTATIV				GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)				BATERI FTOHESE GJENDJA (e)			
Effic.	FUQI TERMIK.	REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	
65%	80.9 kW		22500mc/h	29.2°C	55%	F7	182.5Pa	250Pa	45000mc/h	29.2°C	55%	45000mc/h	29.2°C	15°C	353.9kW	7-12°C	16.86 L/S
BATERI PAS NGRHESHE GJENDJA (f)				GJENDJA (g)			GJENDJA (h)				VENTILATOR DERGIMI						
AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power						
45000mc/h	15°C	22°C	105.7kW	45-40°C	5.1 L/S	45000mc/h	22°C	Plug Fan	45000mc/h	350Pa	2x18.5kW						



ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHIA	
ing.	D. BUZI	
ing.	E. CANO	
ing.	N. DASHI	
ing.	V. HOXHIA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

Godina e Teatrit Tiranë, Faza I-rë

PROJEKTI AJER I KONDICIONUAR

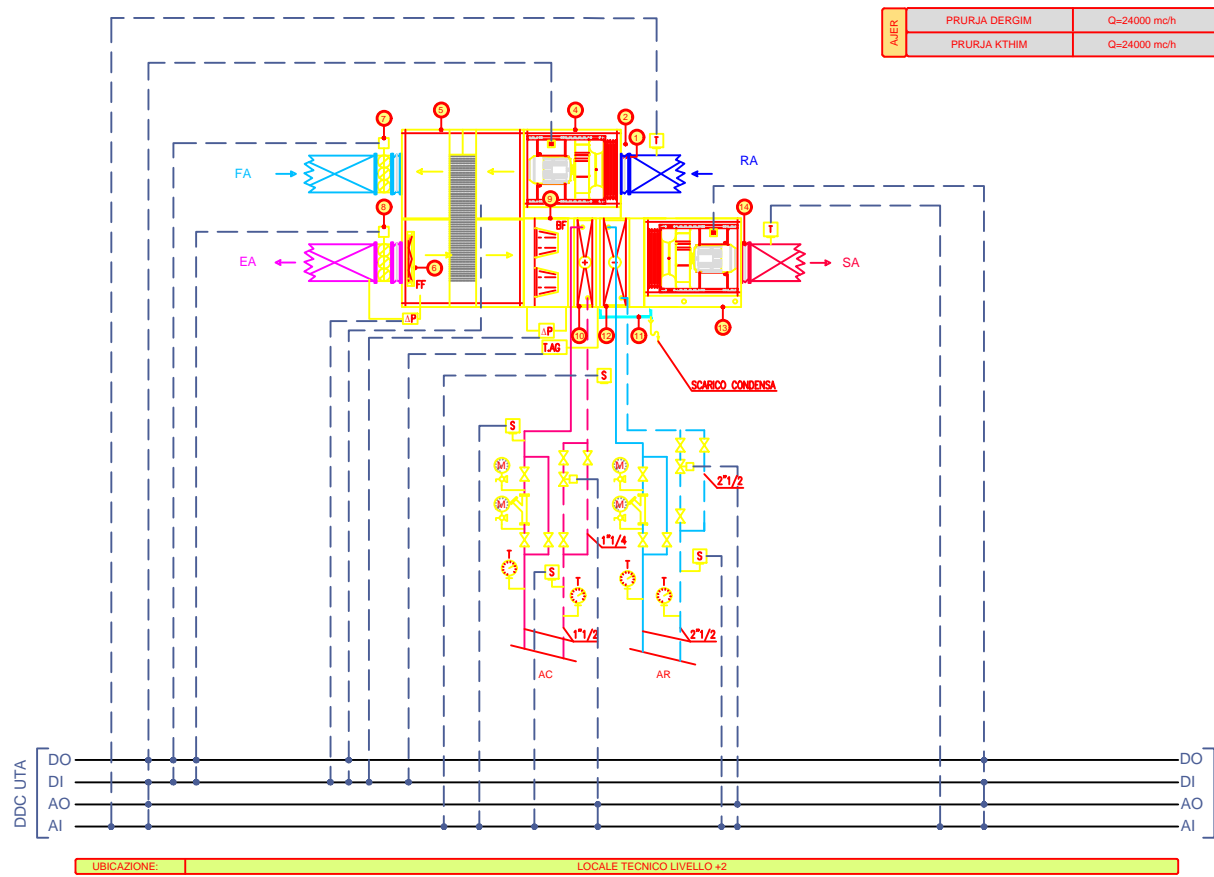
EMERTIMI CENTARLI I TRAJTIMIT TE AJRIT AUDITORIUM

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021

M-60

# AHU - VENTILIMI - KATI NENTOKE

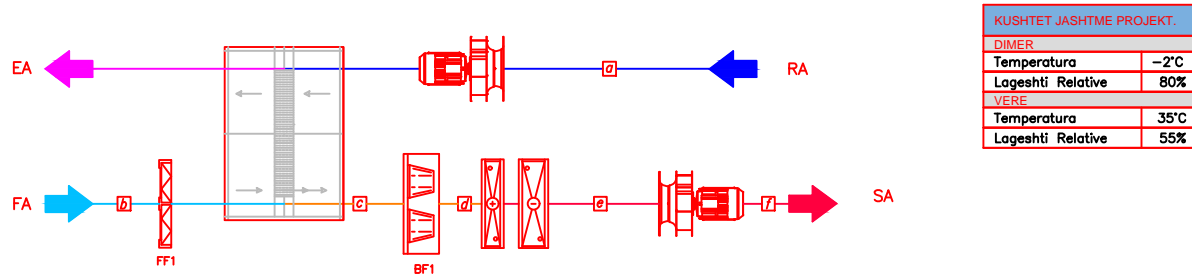
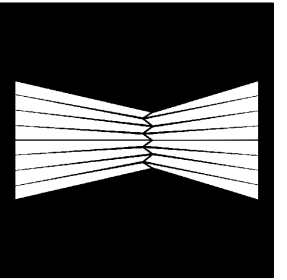


## TE DHENA TEKNIKE

① XHUNTO ANTIVIBRANTE prej cope ose pvc	① BATERIA NGROHESE Fuqja termike: 91.43 kW Ajer (IN): 10.72C - Ajer (OUT): 35°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 14.55 kPa
② DAMFERA prej alumini te motorizuar	② VASKE PER Mbledhje KONDESATI prej celiku inox AISI 304
③ VENTILATORI I THITHJES PLUG FAN Prurja e ajrit: 24000 mc/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 8.68 kW Fuqi elekt. Nominale: 11 kW - .400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 89.8 - classe IE2 Klasa e izolimit: F; Protezione: IP 55	③ BATERIA FTOHESE Fuqja ftohesë: 104.66 kW Ajer (IN): 29.8°C (I.rel.58.5%) - Ajer (OUT): 22°C (I.rel.81%) Uji (IN): 7°C - Uji (OUT): 12°C Renie presioni bateri : 21.44 kPa
④ REKUPERATOR NXEHTESIE ROTATIV ENTALPIK Eficiencia e rikuperimit: 58.2%	④ VENTILATOR DERGIMI PLUG FAN Prurja e ajrit: 24000 mc/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 9.7 kW Fuqi elekt. Nominale: 15 kW - .400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 90.6 - classe IE2 Klasa e izolimit: F; Protezione: IP 55
⑤ SEKSIONI I FILTRIMIT Filtro sintetico piegjettao eficienca G4 Dp iniziale / media / finale [Pa] 40/145/250	⑤ XHUNTO ANTIVIBRANTE prej cope ose pvc
⑥ DAMFERA prej alumini te motorizuar	
⑦ DAMFERA prej alumini te motorizuar	
⑧ SEKSIONI I FILTRIMIT Filter me xhepa eficienca F7 Dp min / mes / max [Pa] 78/164/250	

## KARAKTERISTIKAT KONSTRUKTIVE ( instalim i brendshem)

Trashesia e profilitt	60 mm	Trashesia e paneleve	50 mm
Vidat	te zinkuara	Izolimi	shkume poliuretani
Korniza mbeshket.	Alumin me mbushje per nrye termike	Ana e jashtme	Llamarine e zinkuar e paralyer RAL7047
Pjesa poshte	INOX 304 sp.12/10 mm	Ana e brendshme	acciaio zincato
Kendoret e brend.	standard	n° Bacinelle	2



### ANALIZA PSIKROMETRIKE DIMER

VENTILATOR KTHIMI		GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)			
Tipi	AJER	Pres.disapon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR
Plug Fan	24000mc/h	350Pa	11 kW	24000mc/h	21°C	50%	G4	145Pa	24000mc/h	-2°C	80%
REKUPERATOR ROTATIV		GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)			
Effic. FUQI TERMIK. REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR			
58.2%	120.1 kW	24000mc/h	10.7°C	42%	F7	164Pa	24000mc/h	10.7°C	42%		
BATERI NGROHESE		GJENDJA (e)			VENTILATOR DERGIMI			GJENDJA (f)			
AJER	Hyrje T	Dalje T	Power ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power	
24000mc/h	10.7°C	22°C	91.43kW	45-40°C	4.42L/S	24000mc/h	22C	Plug Fan	24000mc/h	350Pa	15kW

### ANALIZA PSIKROMETRIKE VERE

VENTILATOR KTHIMI		GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)			
Tipi	AJER	Pres.disapon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR
Plug Fan	24000mc/h	350Pa	11kW	24000mc/h	25°C	50%	G4	145Pa	24000mc/h	35°C	55%
REKUPERATOR ROTATIV		GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)			
Effic. FUQI TERMIK. REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR			
58.2%	54.15 kW	24000mc/h	29.8°C	58.5%	F7	164Pa	24000mc/h	29.8°C	58.5%		
BATERI FTOHESE		GJENDJA (e)			VENTILATOR DERGIMI			GJENDJA (f)			
AJER	Hyrje T	Hyrje RH	Dalje T	Dalje RH	Power ΔT(uji)	Prurje uji	Tipi	AJER	Pres.disp.	Abs.Power	
24000mc/h	29.8°C	58.5%	22°C	81.4%	104.66kW	7-12°C	5 L/S	Plug Fan	24000mc/h	350Pa	15kW



ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BUZI	
ing.	E. CANO	
ing.	N. DASHI	
ing.	V. AVDA	
ing.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

Godina e Teatrit Tiranë, Faza I-rë

PROJEKTI  
AJER I KONDICIONUAR

EMERTIMI  
CENTRALI I TRAJTIMIT TE AJRIT  
VENTILIMI - KATI NENTOKE

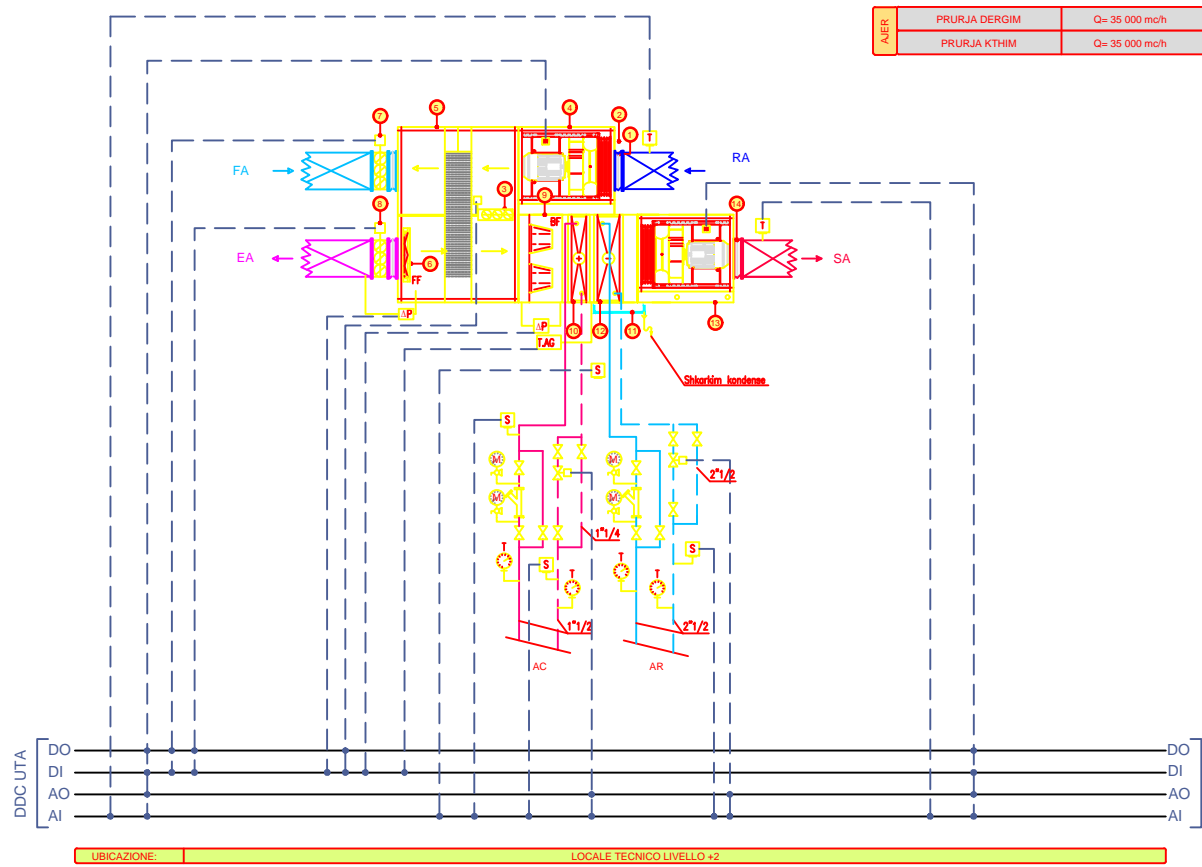
REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: JANAR 2021

SHALLA: 1/50

M-61

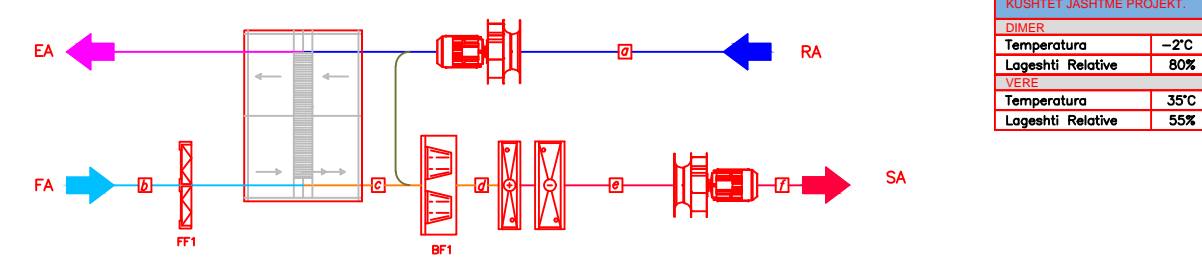
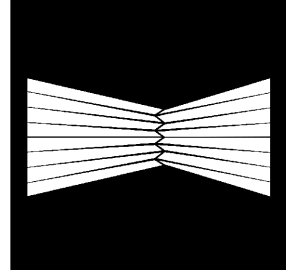
## AHU - FOYER + HALL



### TE DHENA TEKNIKE

① XHUNTO ANTIVIBRANTE prej cope ose pvc	① BATERIA NGROHESE Fuqja termike: 277 kW Ajer (IN): 11.6°C - Ajer (OUT): 35°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 8.1 kPa
② DAMFERA prej alumini te motorizuar	② VASKE PER MBLEDHJE KONDESATI prej celiku inox AISI 304
③ VENTILATORI I THITHJES PLUG FAN Prurja e ajrit: 35000 m³/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 12.1 kW Fuqi elekt. Nominale: 15 kW - .400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 90.6% - classe IE2 Klasa e izolimit: F; Protezione: IP 55	③ BATERIA FTOHESE Fuqja ftohese: 291.9 kW Ajer (IN): 29.4°C (rel. 56.4%) - Ajer (OUT): 15°C (rel. 100%) Uji (IN): 7°C - Uji (OUT): 12°C Renie presioni bateri: 23.05 kPa
④ SEKSIONI I FILTRIMIT Filtro sintetico pieghettato efficienza G4 Dp iniziale / media / finale [Pa] 69/159.5/250	④ VENTILATOR DERGIMI PLUG FAN Prurja e ajrit: 35000 m³/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 15.8 kW Fuqi elekt. Nominale: 18.5 kW - .400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 91.4% - classe IE2 Klasa e izolimit: F; Protezione: IP 55
⑤ DAMFERA prej alumini te motorizuar	⑤ XHUNTO ANTIVIBRANTE prej cope ose pvc
⑥ DAMFERA prej alumini te motorizuar	
⑦ SEKSIONI I FILTRIMIT Filter me xhepa eficiencia F7 Dp min / mes / max [Pa] 83/166.5/250	

KARAKTERISTIKAT KONSTRUKTIVE ( instalim i brendshem)			
Trashesia e profilit	60 mm	Trashesia e paneleve	50 mm
Vidat	te zinkuara	Izolimi	shkume poliuretani
Korniza mbeshket.	Alumin me mbushje per nje termike	Ana e jashtme	Llamarine e zinkuar e paralyer RAL7047
Pjesa poshte	INOX 304 sp.12/10 mm	Ana e brendshme	acciaio zincato
Kendoret e brend.	standard	n° Bacinelle	2



KUSHTET JASHTME PROJEKT.	
DIMER	
Temperatura	-2°C
Lageshti Relative	80%
VERE	
Temperatura	35°C
Lageshti Relative	55%

ANALIZA PSIKROMETRIKE DIMER												
VENTILATOR KTHIMI			GJENDJA (a)			FILTER SINTETIK FF1 (b)			GJENDJA (c)			
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	
Plug Fan	35000mc/h	350Pa	15kW	35000mc/h	22°C	50%	G4	57Pa	150Pa	14000mc/h	-2°C	80%
REKUPERATOR ROTATIV			GJENDJA (c)			FILTER ME XHEPA BF1 (d)			GJENDJA (e)			
Effic.	FUQI TERMIK.	REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR		
62.2%	82.19kW		14000mc/h	11.6°C	48%	F7	167Pa	250Pa	35000mc/h	11.6°C	48%	
BATERI NGROHESE			GJENDJA (e)			VENTILATOR DERGIMI (f)						
AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power	
35000mc/h	11.6°C	35°C	277kW	45-40°C	13.38L/S	35000mc/h	35°C	Plug Fan	35000mc/h	350Pa	18.5kW	

ANALIZA PSIKROMETRIKE VERE												
VENTILATOR KTHIMI			GJENDJA (a)			FILTER SINTETIK FF1 (b)			GJENDJA (c)			
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	
Plug Fan	35000mc/h	350Pa	15kW	35000mc/h	25°C	50%	G4	57Pa	150Pa	14000mc/h	35°C	55%
REKUPERATOR ROTATIV			GJENDJA (c)			FILTER ME XHEPA BF1 (d)			GJENDJA (e)			
Effic.	FUQI TERMIK.	REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR		
62.2%	43.9kW		14000mc/h	29.4°C	56.4%	F7	167Pa	250Pa	35000mc/h	29.4°C	56.4%	
BATERI FTOHESE			GJENDJA (e)			VENTILATOR DERGIMI (f)						
AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power	
35000mc/h	29.4°C	15°C	291.9kW	7-12°C	13.9L/S	35000mc/h	350Pa	Plug Fan	35000mc/h	350Pa	18.5kW	



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ing.	E. CANO	
ing.	V. HOXHIA	
ing.	D. BLUZI	
ing.	E. CANO	
ing.	N. DASHI	
ing.	V. AVDA	
ing.	V. HOXHIA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

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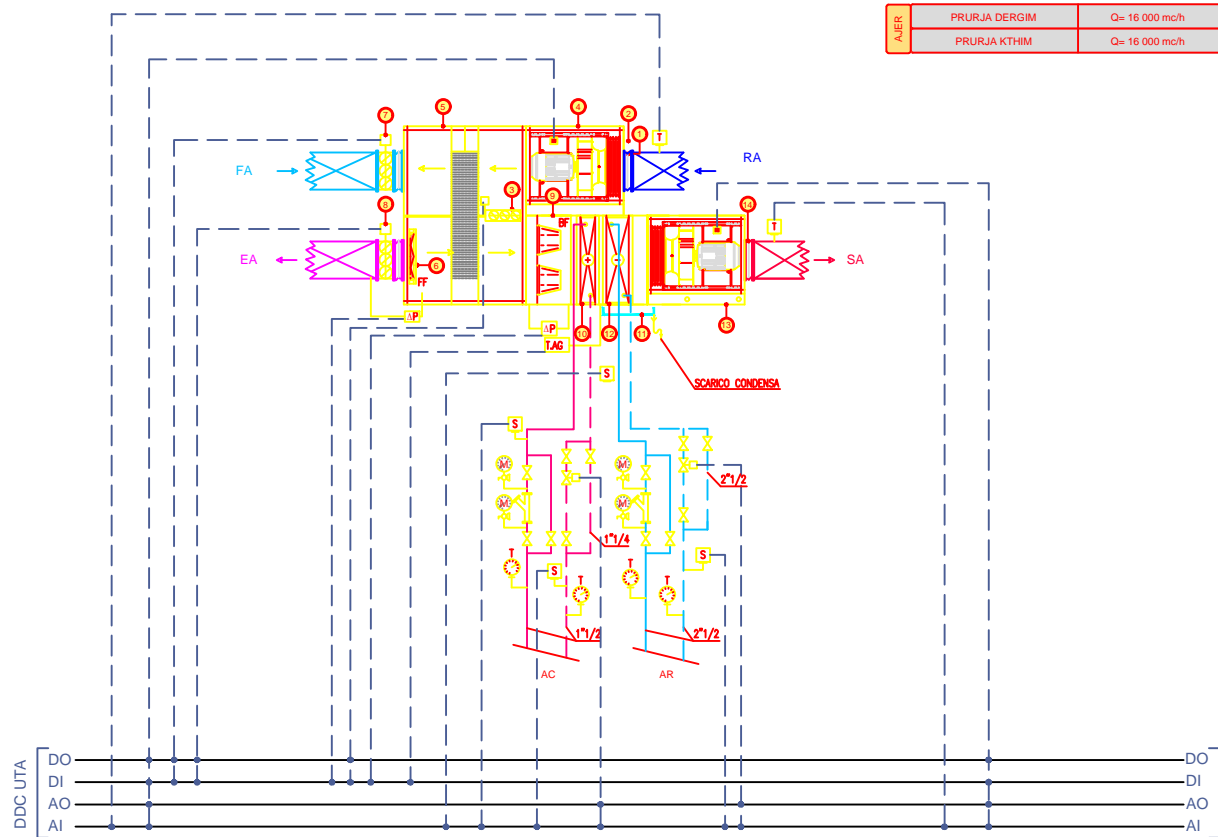
PROJEKTI  
AJER I KONDICIONUAR

EMERTIMI  
CENTRALI I TRAJTIMIT TE AJRIT  
FOYER + HALL

REV.	DATE	FILE	OBJECT	DRW	APPR.

# AHU - REHEARSAL

AJER	PRURJA DERGIM	Q= 16 000 mc/h
AJER	PRURJA KTHIM	Q= 16 000 mc/h



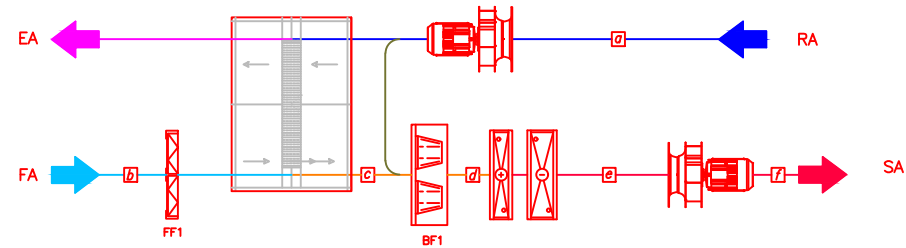
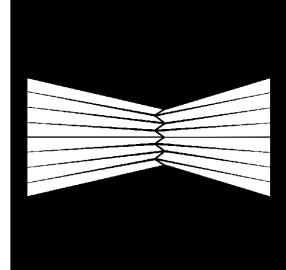
UBICAZIONE: LOCALE TECNICO LIVELLO #2

## TE DHENA TEKNIKE

① XHUNTO ANTIVIBRANTE prej cope ose pvc	① BATERIA NGROHESE Fuqja termike: 124.9 kW Ajer (IN): 11.93°C - Ajer (OUT): 35°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 10.9 kPa
② DAMFERA prej alumini te motorizuar	① VASKE PER Mbledhje KONDESATI prej celiku inox AISI 304
③ VENTILATORI I THITHUES PLUG FAN Prurja e ajrit: 16000 mc/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 5.3kW Fuqi elekt. Nominale: 7.5 kW - 400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 88.7 - classe IE2 Klasa e izolimit: F; Protezione: IP 55	② BATERIA FTOHESE Fuqja ftohese: 16000 kW Ajer (IN): 29.3°C (rel: 55.9%) - Ajer (OUT): 15°C (rel: 96%) Uji (IN): 7°C - Uji (OUT): 12°C Renie presioni bateri : 19.8 kPa
④ REKUPERATOR NXEHTESIE ROTATIV ENTALPIK Eficiencia e rikuperimit: 63.66%	③ VENTILATOR DERGIMI PLUG FAN Prurja e ajrit: 16000 mc/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 7.3kW Fuqi elekt. Nominale: 11 kW - 400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 89.8 - classe IE2 Klasa e izolimit: F; Protezione: IP 55
⑤ SEKSIONI I FILTRIMIT Filtro sintetiko ploghetlato eficiencia G4 Dp iniziale / media / finale [Pa] 80/165/250	④ XHUNTO ANTIVIBRANTE prej cope ose pvc
⑥ DAMFERA prej alumini te motorizuar	
⑦ DAMFERA prej alumini te motorizuar	
⑧ SEKSIONI I FILTRIMIT Filter me xhepa eficiencia F7 Dp min / mes / max [Pa] 85/167/250	

## KARAKTERISTIKAT KONSTRUKTIVE ( instalim i brendshem)

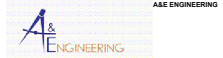
Trashesia e profilit	60 mm	Trashesia e paneleve	50 mm
Vidat	te zinkuara	Izolimi	shkume poliuretani
Korniza mbeshet.	Alumin me mbushje per nyje termike	Ana e jashtme	Llmarine e zinkuar e paralyer RAL7047
Pjesa poshte	INOX 304 sp.12/10 mm	Ana e brendshme	acciaio zincato
Kendoret e brend.	standard	n° Bacinelle	2



KUSHTET JASHTME PROJEKT.	
DIMER	
Temperatura	-2°C
Lageshti Relative	80%
VERE	
Temperatura	35°C
Lageshti Relative	55%

ANALIZA PSIKROMETRIKE DIMER												
VENTILATOR KTHIMI				GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)		
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	
Plug Fan	16000mc/h	350Pa	7.5 kW	16000mc/h	21°C	50%	G4	165Pa	250Pa	6400mc/h	-2°C	80%
REKUPERATOR ROTATIV				GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)		
Effic. FUQI TERM. REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR				
64%	39.3 kW	6400mc/h	11.9°C	49%	F7	167Pa	250Pa	16000mc/h	11.9°C	49%		
BATERI NGROHESE				GJENDJA (e)			VENTILATOR DERGIMI					
GJENDJA (e)				GJENDJA (e)			GJENDJA (f)					
AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power	
16000mc/h	11.9°C	35°C	124.9kW	45-40°C	6 L/S	16000mc/h	35°C	Plug Fan	16000mc/h	350Pa	11kW	

ANALIZA PSIKROMETRIKE VERE												
VENTILATOR KTHIMI				GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)		
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	
Plug Fan	16000mc/h	350Pa	7.5 kW	16000mc/h	25°C	50%	G4	165Pa	250Pa	6400mc/h	35°C	55%
REKUPERATOR ROTATIV				GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)		
Effic. FUQI TERM. REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR				
63.6%	21.74kW	6400mc/h	35°C	55%	F7	167Pa	250Pa	16000mc/h	35°C	55%		
BATERI FTOHESE				GJENDJA (e)			VENTILATOR DERGIMI					
GJENDJA (e)				GJENDJA (f)			GJENDJA (f)					
AJER	Hyrje T	Hyrje RH	Dalje T	Dalje RH	Power	ΔT(uji)	Prurje uji	Tipi	AJER	Pres.disp.	Abs.Power	
16000mc/h	29.3°C	55.9%	15°C	96%	135.5kW	7-12°C	6.47L/S	Plug Fan	16000mc/h	350Pa	11kW	



ark.	P. KAJMAKU
ark.	O. ZOTO
ing.	M. HALILAJ
ing.	E. CANO
ing.	V. HOXHA
ing.	D. BLUZI
ing.	E. CANO
ing.	N. DASHI
geo/nd.	V. AVDA
elek.	V. HOXHA
ing.	A. BONAVENTURA
ing.	A.C. NUZZO
ing.	G. CHARALAMPOPOULOS
ing.	A. MAGRINI

Godina e Teatrit Tiranë, Faza I-rë

## PROJEKTI AJER I KONDICIONUAR

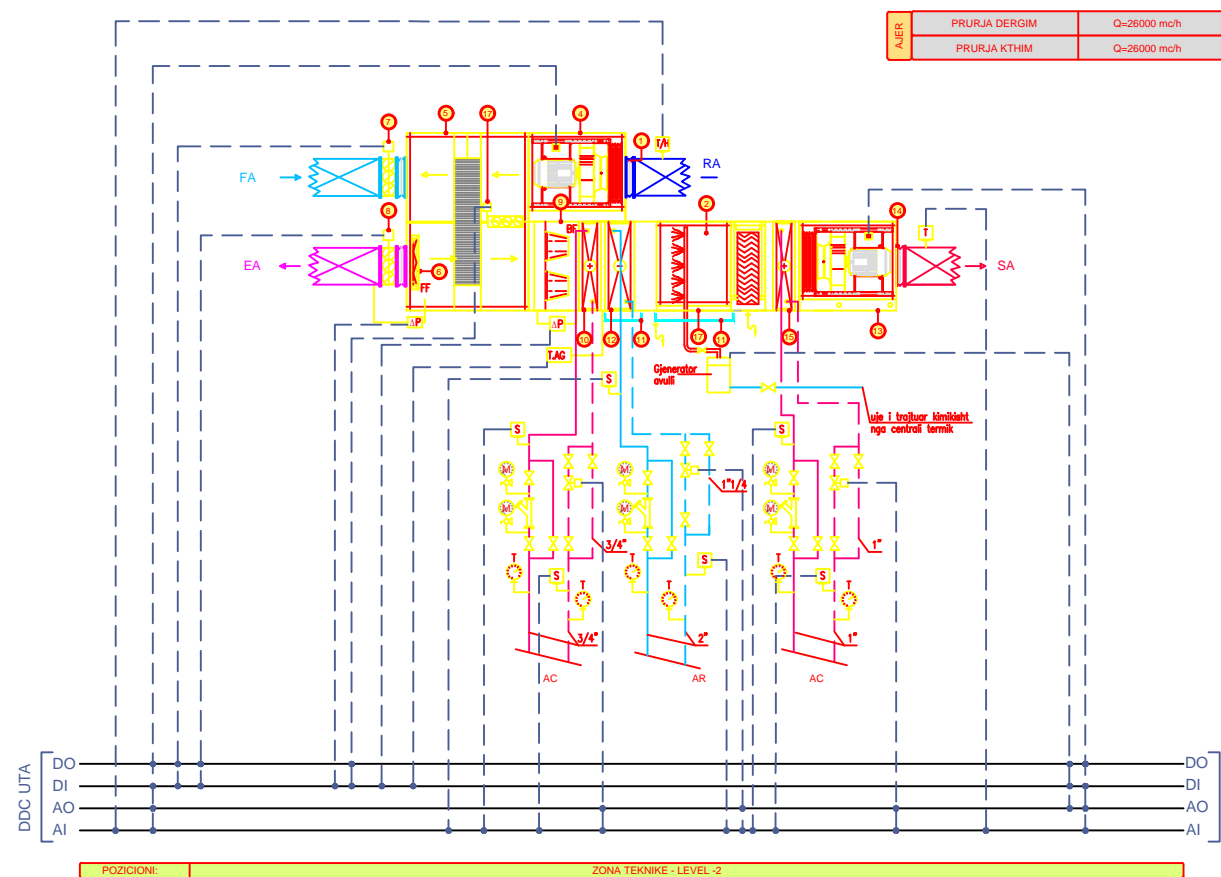
### CENTRALI I TRAJTIMIT TE AJRIT REHEARSAL WARM UP

REV.	DATE	FILE	OBJECT	DRW	APPR.

M-63

DATA:	JANAR 2021	SHKALLA:	1:50
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# AHU - BLACK BOX + SUBFOYER

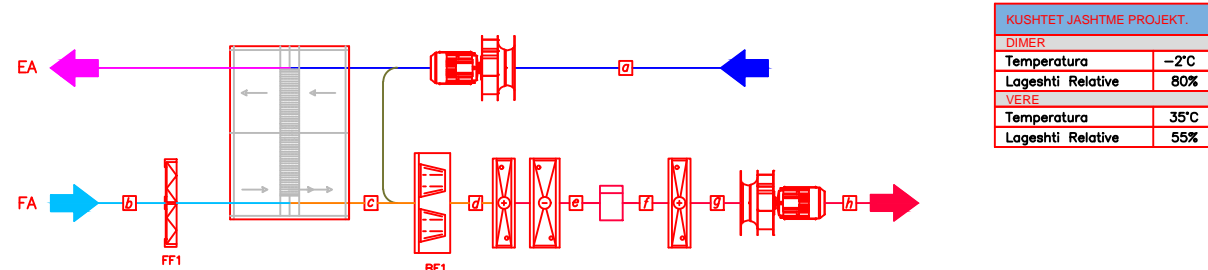
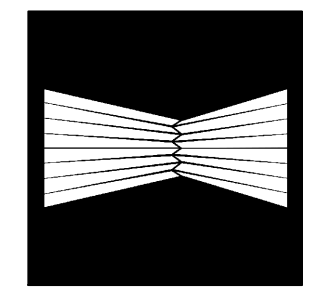


## TE DHENA TEKNIKE

- 1 XHUNTO ANTIVIBRANTE prej cope ose pvc
- 2 GJENERATOR AVULLI Prodhimaria e avullit: 225.9kg/h Fuqi e absorbuar: 2x97.5kW - Alim. 400/3/50 (V/ph/Hz)
- 3 VENTILATORI I THITHJES PLUG FAN Prurja e ajrit: 26000 mch Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 8.06 kW Fuqi elekt. Nominal: 18.5 kW - 400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 90.4 - classe IE2 Klasa e izolimit: F; Protezione: IP 55
- 4 REKUPERATOR NXHETESIE ROTATIV ENTALPIK Eficiencia e rikuperimit: 64.3%
- 5 SEKSIONI I FILTRIMIT Filtro sintetic me pleghetata eficiencia G4 Dp iniziale / media / finale [Pa] 71/160.5/250
- 6 DAMFERA prej alumini te motorizuar
- 7 DAMFERA prej alumini te motorizuar
- 8 SEKSIONI I FILTRIMIT Filtro me xhepa eficiencia F7 Dp min / mes / max [Pa] 82/166/250
- 9 BATERIA NGROHESE Fuqia termike: 201.73 kW Ajer (IN): 12°C - Ajer (OUT): 35°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 16.93 kPa
- 10 VASKE PER MBLEDHJE KONDESATI prej celiku inox AISI 304
- 11 BATERIA FTOHESE Fuqia ftohes: 26000 kW Ajer (IN): 29.2°C (rel.55.6%) - Ajer (OUT): 15°C (rel.100%) Uje (IN): 7°C - Uje (OUT): 12°C Renie presioni bateri: 17.26 kPa
- 12 VENTILATOR DERGIMI PLUG FAN Prurja e ajrit: 26000 mch Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 14.16 kW Fuqi elekt. Nominal: 22 kW - 400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 91.7 - classe IE2 Klasa e izolimit: F; Protezione: PTO
- 13 XHUNTO ANTIVIBRANTE prej cope ose pvc
- 14 BATERIA E PASNGROHJES Fuqia termike 61 kW Ajer (IN): 15°C - Ajer (OUT): 22°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 26.7 kPa

## KARAKTERISTIKAT KONSTRUKTIVE ( i instalim i brendshem)

Trashesia e profilit	60 mm	Trashesia e paneleve	50 mm
Vidat	te zinkuara	Izolimi	shkume poliuretani
Komiza mbeshket.	Alumin me mbushje per nje termike	Ana e jashtme	Llamarine e zinkuar e paralyer RAL7047
Pjesa poshte	INOX 304 sp.12/10 mm	Ana e brendshme	acciaio zincato
Kendoret e brend.	standard	n° Bacinelle	2



ANALIZA PSIKROMETRIKE DIMER																			
VENTILATOR KTHIMI				GJENDJA (a)				FILTER SINTETIK FF1				GJENDJA (b)							
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	L.R	Rendiment DP files.	DP final	AJER	T	L.R	AJER	T	L.R					
Plug Fan	26000mc/h	350Pa	18.5 kW	26000mc/h	21°C	50%	G4	160.5Pa	250Pa	10500mc/h	-2°C	80%							
REKUPERATOR ROTATIV				GJENDJA (c)				FILTER ME XHEPA BF1				GJENDJA (d)				BATERIA NGROHESE			
Effic. FUQI TERMIK. REKUP				AJER	T	L.R	Rendiment DP files.	DP final	AJER	T	L.R	AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji		
64.3%	65.8 kW	10500mc/h	12.1°C	49%	F7	166Pa	250Pa	26000mc/h	12.1°C	49%	26000mc/h	12.1°C	35°C	201.7kW	45-40°C	9.75L/S			
GJENERATOR AVULLI (f)				BATERIA PAS NGROHESE				GJENDJA (g)				GJENDJA (h)				VENTILATOR DERGIMI			
AJER	Hyrje UR%	Dalje UR%		AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power				
26000mc/h	30%	50%		26000mc/h	15°C	22°C	61kW	45-40°C	2.95 L/S	26000mc/h	35°C	Plug Fan	26000mc/h	350Pa	22kW				

ANALIZA PSIKROMETRIKE VERE																			
VENTILATOR KTHIMI				GJENDJA (a)				FILTER SINTETIK FF1				GJENDJA (b)							
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	L.R	Rendiment DP files.	DP final	AJER	T	L.R	AJER	T	L.R					
Plug Fan	26000mc/h	350Pa	18.5kW	26000mc/h	25°C	50%	G4	160.5Pa	250Pa	10500mc/h	35°C	55%							
REKUPERATOR ROTATIV				GJENDJA (c)				FILTER ME XHEPA BF1				GJENDJA (d)				BATERIA FTOHESE			
Effic. FUQI TERMIK. REKUP				AJER	T	L.R	Rendiment DP files.	DP final	AJER	T	L.R	AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji		
64.3%	36.85 kW	10500mc/h	29.2°C	55.6%	F7	166Pa	250Pa	26000mc/h	29.2°C	55.6%	26000mc/h	29.2°C	15°C	205kW	7-12°C	9.77 L/S			
BATERIA PAS NGROHESE				GJENDJA (g)				GJENDJA (h)				VENTILATOR DERGIMI							
AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power								
26000mc/h	15°C	22°C	61.06kW	45-40°C	2.95 L/S	26000mc/h	22°C	Plug Fan	26000mc/h	350Pa	22kW								



ark.	P. KAJMAKU	
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ing.	E. CANO	
ing.	V. HOXHIA	
ing.	D. BUZI	
ing.	E. CANO	
proj.	N. DASHI	
geo/nd.	V. AVDA	
elek.	V. HOXHIA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

Godina e Teatrit Tiranë, Faza I-rë

## PROJEKTI AJER I KONDICIONUAR

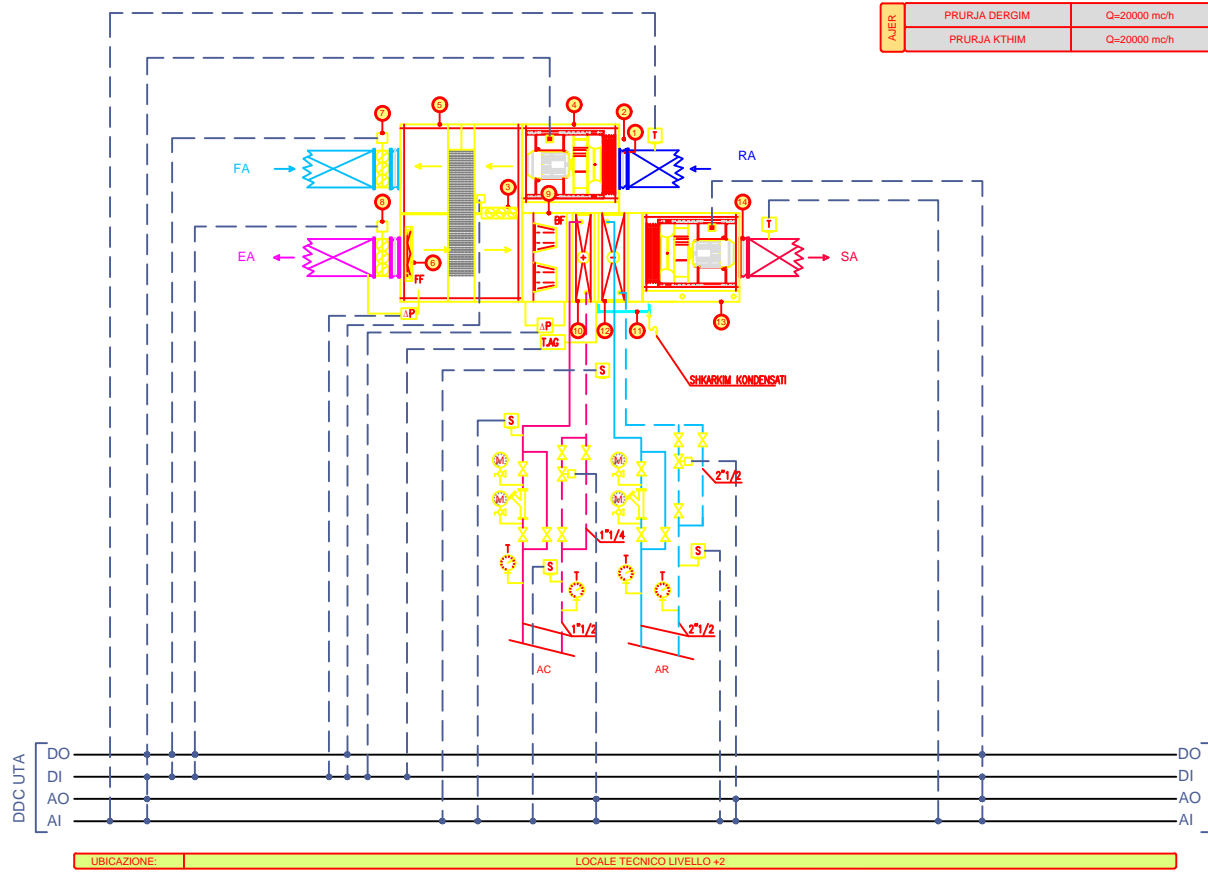
### CENTRALI I TRAJTIMIT TE AJRIT BLACK BOX + SUBFOYER

REV.	DATE	FILE	OBJECT	DRW	APPR.



# AHU - STAIRS

AJER	PRURJA DERGIM	Q=20000 mc/h
	PRURJA KTHIM	Q=20000 mc/h

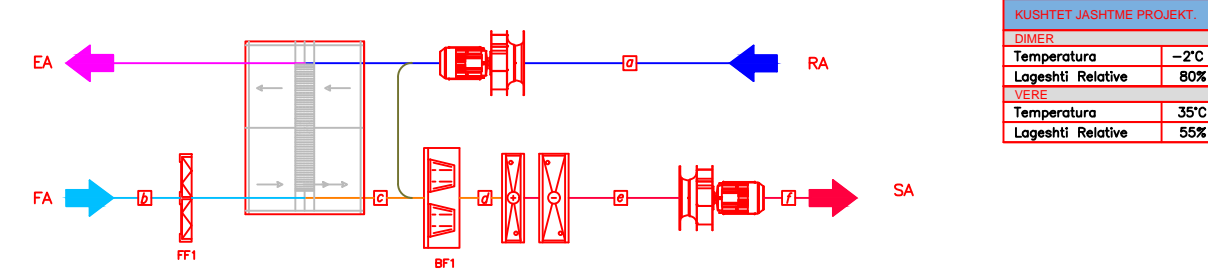
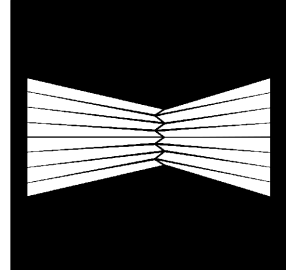


## TE DHENA TEKNIKE

1 XHUNTO ANTIVIBRANTE prej cope ose pvc	11 BATERIA NGROHESE Fuqja termike: 145.9 kW Ajer (IN): 13.48°C - Ajer (OUT): 35°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 14.4 kPa
2 DAMFERA prej alumini te motorizuar	12 VASKE PER MBLEDHJE KONDESATI prej celiku inox AISI 304
3 VENTILATORI I THITHJES PLUG FAN Prurja e ajrit: 20000 mc/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 6.3 kW Fuqi elekt. Nominale: 11 kW - .400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 89.8 - classe IE2 Klasa e izolimit: F; Protezione: IP 55	13 BATERIA FTOHESE Fuqja ftoheshe: 156.61 kW Ajer (IN): 28.6°C (l.re54%) - Ajer(OUT): 14°C (l.re1100%) Uji (IN): 7°C - Uji (OUT): 12°C Renie presioni bateri :16.9 kPa
4 REKUPERATOR NXEHTESIE ROTATIV ENTALPIK Eficiencia e rikuperimit: 70.7%	14 VENTILATOR DERGIMI PLUG FAN Prurja e ajrit: 20000 mc/h Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 8.57 kW Fuqi elekt. Nominale: 18.5 kW - .400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 91.4 - classe IE2 Klasa e izolimit: F; Protezione: IP 55
5 SEKSIONI I FILTRIMIT Filtro sintetico pieghetato efficienza G4 Dp iniziale / media / finale [Pa] 65/157.5/250	15 DAMFERA prej alumini te motorizuar
6 DAMFERA prej alumini te motorizuar	16 XHUNTO ANTIVIBRANTE prej cope ose pvc
7 DAMFERA prej alumini te motorizuar	
8 SEKSIONI I FILTRIMIT Filter me xhepa eficiencia F7 Dp min / mes / max [Pa] 76/163/250	

## KARAKTERISTIKAT KONSTRUKTIVE ( instalim i brendshem)

Trashesia e profilit	60 mm	Trashesia e paneleve	50 mm
Vidat	te zinkuara	Izolimi	shkume poliuretani
Korniza mbeshet.	Alumin me mbushje per nyje termike	Ana e jashtme	Llamarine e zinkuar e paralyer RAL7047
Pjesa poshte	INOX 304 sp.12/10 mm	Ana e brendshme	acciaio zincato
Kendoret e brend.	standard	n° Bacinelle	2



KUSHTET JASHTME PROJEKT.	
DIMER	
Temperatura	-2°C
Lageshti Relative	80%
VERE	
Temperatura	35°C
Lageshti Relative	55%

ANALIZA PSIKROMETRIKE DIMER											
VENTILATOR KTHIMI			GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)		
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR
Plug Fan	20000mc/h	350Pa	11 kW	20000mc/h	21°C	50%	G4	157.5Pa	250Pa	6000mc/h	-2°C 80%
REKUPERATOR ROTATIV			GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)		
Effic. FUQI TERMIK. REKUP	AJER	T	L.R	Rendiment DP files.	DP final	AJER	T	LR			
70.7%	43.84 kW	6000mc/h	13.48°C	52%	F7	163Pa	250Pa	20000mc/h	13.48°C	52%	
BATERI NGROHESE			GJENDJA (e)			VENTILATOR DERGIMI			GJENDJA (f)		
AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power
20000mc/h	13.48°C	35°C	145.9kW	45-40°C	7.05 L/S	20000mc/h	35C	Plug Fan	20000mc/h	350Pa	18.5kW

ANALIZA PSIKROMETRIKE VERE											
VENTILATOR KTHIMI			GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)		
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR
Plug Fan	20000mc/h	350Pa	11kW	20000mc/h	25°C	50%	G4	157.5Pa	250Pa	6000mc/h	35°C 55%
REKUPERATOR ROTATIV			GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)		
Effic. FUQI TERMIK. REKUP	AJER	T	L.R	Rendiment DP files.	DP final	AJER	T	LR			
70.7%	26.76 kW	6000mc/h	28.6°C	54%	F7	163Pa	250Pa	20000mc/h	28.6°C	54%	
BATERI FTOHESE			GJENDJA (e)			VENTILATOR DERGIMI			GJENDJA (f)		
AJER	Hyrje T	Hyrje RH	Dalje T	Dalje RH	Power	ΔT(uji)	Prurje uji	Tipi	AJER	Pres.disp.	Abs.Power
20000mc/h	28.6°C	54%	14°C	100%	156.61kW	7-12°C	7.46/S	Plug Fan	20000mc/h	350Pa	18.5kW



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ing.	V. HOXHA
ing.	D. BLUZI
ing.	E. CANO
ing.	N. DASHI
ing.	V. AVDA
ing.	V. HOXHA
ing.	A. BONAVENTURA
ing.	A.C. NUZZO
ing.	G. CHARALAMPOPOULOS
ing.	A. MAGRINI

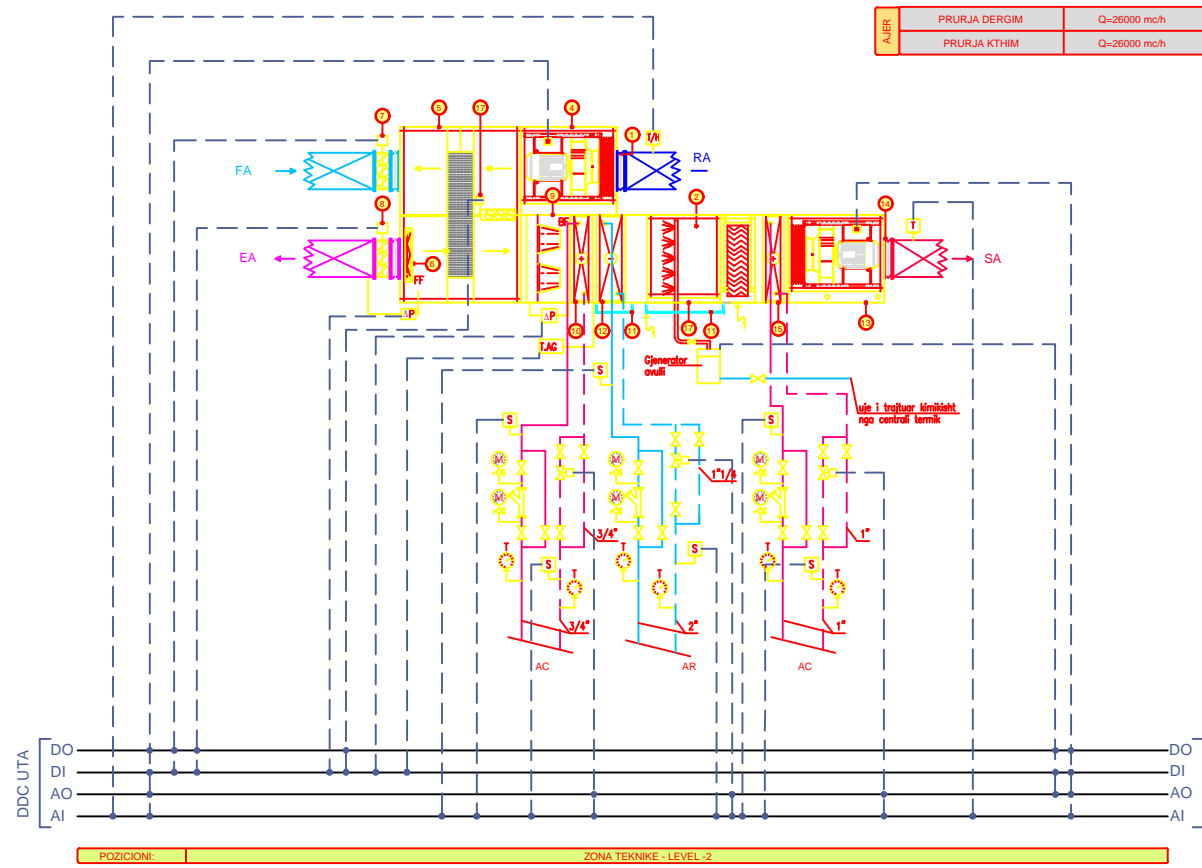
Godina e Teatrit Tiranë, Faza I-rë

PROJEKTI  
AJER I KONDICIONUAR

EMERTIMI  
CENTRALI I TRAJTIMIT TE AJRIT  
STAIRS

REV.	DATE	FILE	OBJECT	DRW	APPR.

AHU - BIG BLACK BOX

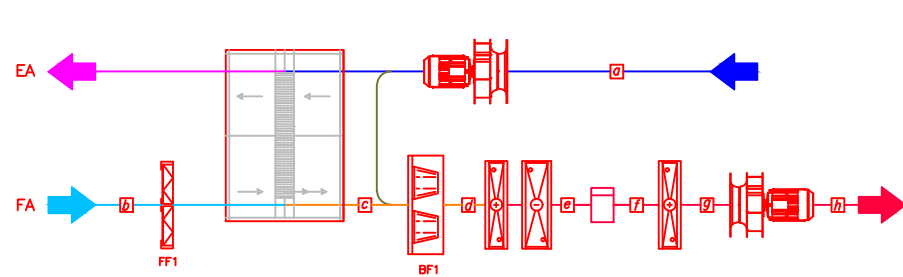
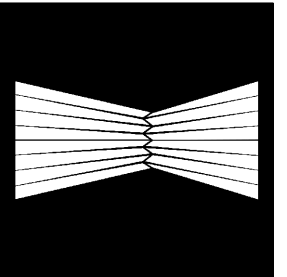


TE DHENA TEKNIKE

① XHUNTO ANTIVIBRANTE prej cope ose pvc	⑩ BATERIA NGRHESE Fuqja termike: 201.73 kW Ajer (IN): 12°C - Ajer (OUT): 35°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 16.93 kPa
② GJENERATOR AVULLI Prodhimtaria e avullit: 225.9kg/h Fuqi e absorbuar: 2x97.5kW - Alim. 400/3/50 (V/ph/Hz)	⑪ VASKE PER MBLEDHJE KONDESATI prej celiku inox AISI 304
③ VENTILATORI I THITHJES PLUG FAN Prurja e ajrit: 26000 mch Renia e presionit e disponueshme: 350 Pa Fuqi elekt. Nominale: 18.5 kW - 400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 90.4 - classe IE2 Klasa e izolimit: F; Protezione: IP 55	⑫ BATERIA FTOHESE Fuqja ftohesë: 26000 kW Ajer (IN): 29.2°C (Lrel: 55.6%) - Ajer (OUT): 15°C (Lrel: 100%) Uji (IN): 7°C - Uji (OUT): 12°C Renie presioni bateri: 17.26 kPa
④ REKUPERATOR NXHETESIE ROTATIV ENTALPIK Eficiencia e rikuperimit: 64.3%	⑬ VENTILATOR DERGIMI PLUG FAN Prurja e ajrit: 26000 mch Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 14.16 kW Fuqi elekt. Nominale: 22 kW - 400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 91.7 - classe IE2 Klasa e izolimit: F; Protezione: PTO
⑤ SEKSIONI I FILTRIMIT Filtro sintetic pleghettato eficiencia G4 Dp iniziale / media / finale [Pa] 71/160.5/250	⑭ DAMFERA prej alumini te motorizuar
⑥ DAMFERA prej alumini te motorizuar	⑮ BATERIA E PASNGROHJES Fuqja termike 61 kW Ajer (IN): 15°C - Ajer (OUT): 22°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 26.7 kPa
⑦ SEKSIONI I FILTRIMIT Filter me xhepa eficiencia F7 Dp min / mes / max [Pa] 82/166/250	

KARAKTERISTIKAT KONSTRUKTIVE ( instalim i brendshem)

Trashësia e profilit	60 mm	Trashësia e paneleve	50 mm
Vidat	te zinkuara	Izolimi	shkume poliuretani
Korniza mbeshket.	Alumini me mbushje per nyje termike	Ana e jashtme	Llamarine e zinkuar e paralyer RAL7047
Pjesa poshte	INOX 304 sp.12/10 mm	Ana e brendshme	acciaio zincato
Kendoret e brend.	standard	n° Bacinelle	2



KUSHTET JASHTME PROJEKT.

DIMER	
Temperatura	-2°C
Lageshti Relative	80%
VERE	
Temperatura	35°C
Lageshti Relative	55%

ANALIZA PSIKROMETRIKE DIMER

VENTILATOR KTHIMI		GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)								
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR					
Plug Fan	26000mc/h	350Pa	18.5 kW	26000mc/h	21°C	50%	G4	160.5Pa	250Pa	10500mc/h	-2°C	80%				
REKUPERATOR ROTATIV		GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)			BATERIA NGRHESE					
Effic.	FUQI TERMIK. REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	
64.3%	65.8 kW	10500mc/h	12.1°C	49%	F7	166Pa	250Pa	26000mc/h	12.1°C	49%	26000mc/h	12.1°C	35°C	201.7kW	45-40°C	9.75L/S
GJENERATOR AVULLI (f)		GJENDJA (g)			BATERI PAS NGRHESE			GJENDJA (h)			VENTILATOR DERGIMI					
AJER	Hyrje UR% Dalje UR%	AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power			
26000mc/h	30% 50%	26000mc/h	15°C	22°C	61kW	45-40°C	2.95 L/S	26000mc/h	35°C	Plug Fan	26000mc/h	350Pa	22kW			

ANALIZA PSIKROMETRIKE VERE

VENTILATOR KTHIMI		GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)								
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR					
Plug Fan	26000mc/h	350Pa	18.5kW	26000mc/h	25°C	50%	G4	160.5Pa	250Pa	10500mc/h	35°C	55%				
REKUPERATOR ROTATIV		GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)			BATERIA FTOHESE					
Effic.	FUQI TERMIK. REKUP	AJER	T	LR	Rendiment DP files.	DP final	AJER	T	LR	AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	
64.3%	36.85 kW	10500mc/h	29.2°C	55.6%	F7	166Pa	250Pa	26000mc/h	29.2°C	55.6%	26000mc/h	29.2°C	15°C	205kW	7-12°C	9.77 L/S
BATERI PAS NGRHESE		GJENDJA (g)			VENTILATOR DERGIMI											
AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power					
26000mc/h	15°C	22°C	61.06kW	45-40°C	2.95 L/S	26000mc/h	22°C	Plug Fan	26000mc/h	350Pa	22kW					



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ing.	D. BLUZI	
ing.	E. CANO	
ing.	N. DASHI	
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ing.	V. HOXHIA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

Godina e Teatrit Tiranë, Faza I-rë

PROJEKTI  
AJER I KONDICIONUAR

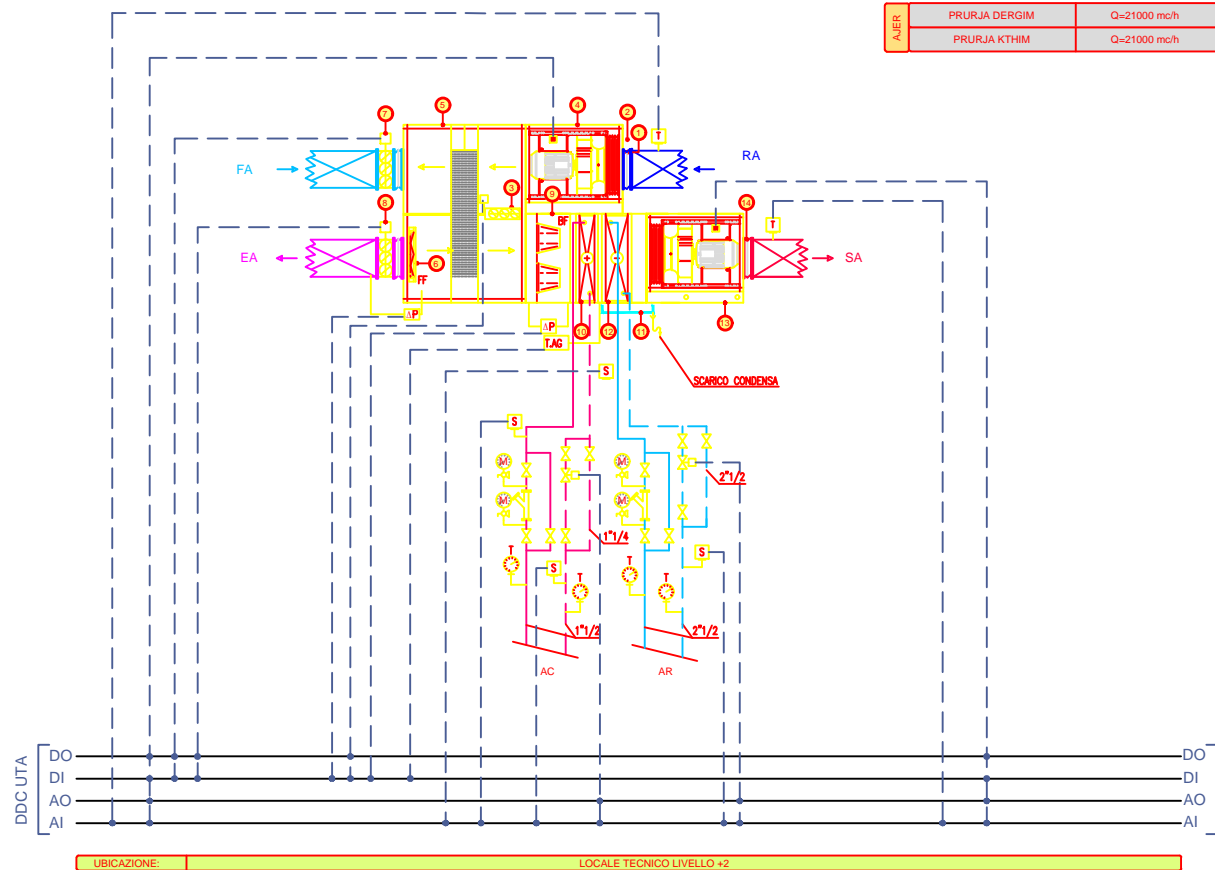
EMERTIMI  
CENTRALI I TRAJTIMIT TE AJRIT  
BLCK BOX + SUBFOYER

REV.	DATE	FILE	OBJECT	DRW	APPR.



# AHU - STAGE

AJER	PRURJA DERGIM	Q=21000 mch
	PRURJA KTHIM	Q=21000 mch



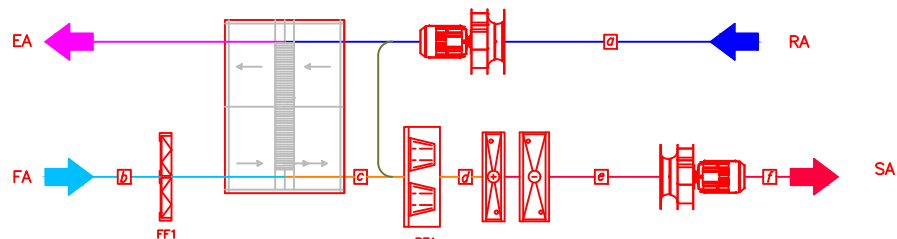
## TE DHENA TEKNIKE

① XHUNTO ANTIVIBRANTE prej cope ose pvc	① BATERIA NGROHESE Fuqia termike: 152.5 kW Ajer (IN): 13.6°C - Ajer (OUT): 35°C Uje (IN): 45°C - Uje (OUT): 40°C Renie presioni bateri: 15.62 kPa
② DAMFERA prej alumini te motorizuar	① VASKE PER MBLEDHJE KONDESATI prej celiku inox AISI 304
④ VENTILATORI I THITHJES PLUG FAN Prurja e ajrit: 21000 mch Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 7.7 kW Fuqi elekt. Nominale: 11 kW - 400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 89.8 - classe IE2 Klasa e izolimit: F; Protezione: IP 55	② BATERIA FTOHESE Fuqia ftohese: 164.9 kW Ajer (IN): 28.9°C (l.rel.56.9%) - Ajer (OUT): 15°C (l.rel.100%) Uji (IN): 7°C - Uji (OUT): 12°C Renie presioni bateri : 18.56 kPa
⑥ REKUPERATOR NXHEHESIE ROTATIV ENTALPIK Eficiencia e rikuperimit: 70.9%	③ VENTILATOR DERGIMI PLUG FAN Prurja e ajrit: 21000 mch Renia e presionit e disponueshme: 350 Pa Fuqi e absorbuar (shaft): 10.34 kW Fuqi elekt. Nominale: 22 kW - 400/3/50 (V/ph/Hz) Rendimenti i ventilatorit: 91.7 - classe IE2 Klasa e izolimit: F; Protezione: IP 55
⑥ SEKSIONI I FILTRIMIT Dp iniziale / media / finale [Pa] 69/159.5/250	④ XHUNTO ANTIVIBRANTE prej cope ose pvc
⑦ DAMFERA prej alumini te motorizuar	
⑧ DAMFERA prej alumini te motorizuar	
⑨ SEKSIONI I FILTRIMIT Filter me xhepa eficienca F7 Dp min / mes / max [Pa] 80/165/250	

## KARAKTERISTIKAT KONSTRUKTIVE ( instalim i brendshem)

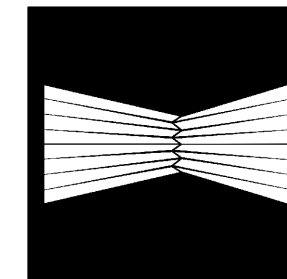
Trashesia e profilit	60 mm	Trashesia e paneleve	50 mm
Vidat	te zinkuara	Izolimi	shkume poliuretani
Korniza mbeshtet.	Alumin me mbushje per nyje termike	Ana e jashtme	Llamarine e zinkuar e paralyer RAL7047
Pjesa poshte	INOX 304 sp.12/10 mm	Ana e brendshme	acciaio zincato
Kendoret e brend.	standard	n° Bacinelle	2

KUSHTET JASHTME PROJEKT.	
DIMER	
Temperatura	-2°C
Lageshti Relative	80%
VERE	
Temperatura	35°C
Lageshti Relative	55%



ANALIZA PSIKROMETRIKE DIMER												
VENTILATOR KTHIMI			GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)			
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP filles.	DP final	AJER	T	LR	
Plug Fan	21000mc/h	350Pa	11 kW	21000mc/h	21°C	50%	G4	159Pa	250Pa	10500mc/h	-2°C	80%
REKUPERATOR ROTATIV		GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)				
Effic. FUQI TERMIK. REKUP	AJER	T	LR	Rendiment DP filles.	DP final	AJER	T	LR				
70.9%	70.6 kW	10500mc/h	13.6°C	44%	F7	165Pa	250Pa	21000mc/h	13.6°C	44%		
BATERI NGROHESE				GJENDJA (e)				VENTILATOR DERGIMI				
GJENDJA (e)				GJENDJA (e)				GJENDJA (f)				
AJER	Hyrje T	Dalje T	Power	ΔT(uji)	Prurje uji	AJER	T	Tipi	AJER	Pres.disp.	Abs.Power	
21000mc/h	13.6C	35°C	152.5kW	45-40°C	7.37L/S	21000mc/h	35C	Plug Fan	21000mc/h	350Pa	22kW	

ANALIZA PSIKROMETRIKE VERE												
VENTILATOR KTHIMI			GJENDJA (a)			FILTER SINTETIK FF1			GJENDJA (b)			
Tipi	AJER	Pres.dispon.	Fuqi e abs.	AJER	T	LR	Rendiment DP filles.	DP final	AJER	T	LR	
Plug Fan	21000mc/h	350Pa	11kW	21000mc/h	25°C	50%	G4	159Pa	250Pa	10500mc/h	35°C	55%
REKUPERATOR ROTATIV		GJENDJA (c)			FILTER ME XHEPA BF1			GJENDJA (d)				
Effic. FUQI TERMIK. REKUP	AJER	T	LR	Rendiment DP filles.	DP final	AJER	T	LR				
67.5%	37.12 kW	10500mc/h	28.9°C	57%	F7	165Pa	250Pa	21000mc/h	28.9°C	57%		
BATERI FTOHESE				GJENDJA (e)				VENTILATOR DERGIMI				
GJENDJA (e)				GJENDJA (f)				GJENDJA (f)				
AJER	Hyrje T	Hyrje RH	Dalje T	Dalje RH	Power	ΔT(uji)	Prurje uji	AJER	Pres.disp.	Abs.Power		
21000mc/h	28.9°C	57%	15°C	100%	164.9kW	7-12°C	7.86L/S	Plug Fan	21000mc/h	350Pa	22kW	



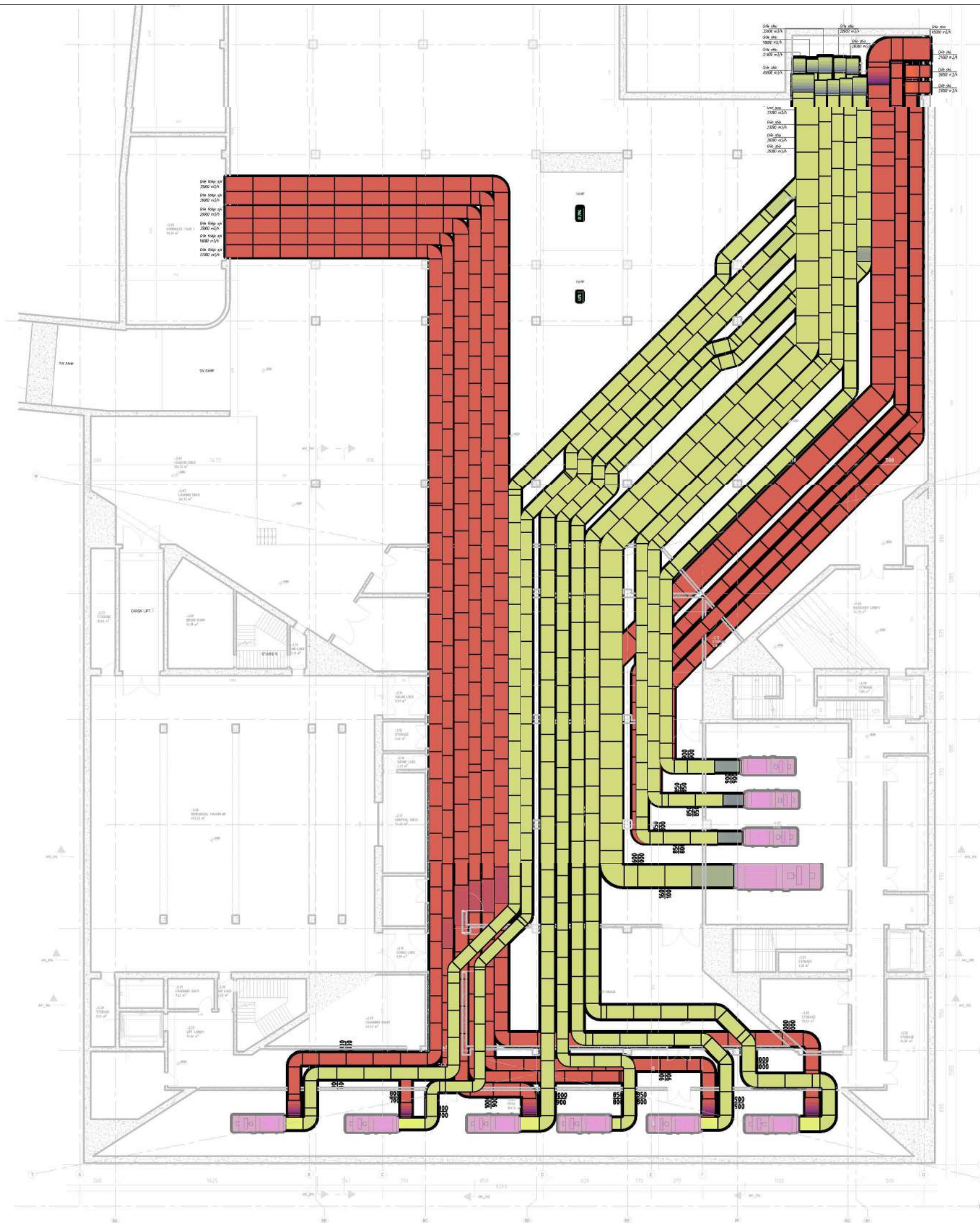
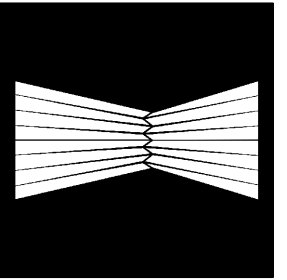
ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
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elek.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

Godina e Teatrit Tiranë, Faza I-rë

PROJEKTI  
AJER I KONDICIONUAR

EMERTIMI  
CENTRALI I TRAJTIMIT TE AJRIT  
STAGE

REV.	DATE	FILE	OBJECT	DRW	APPR.



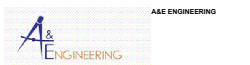
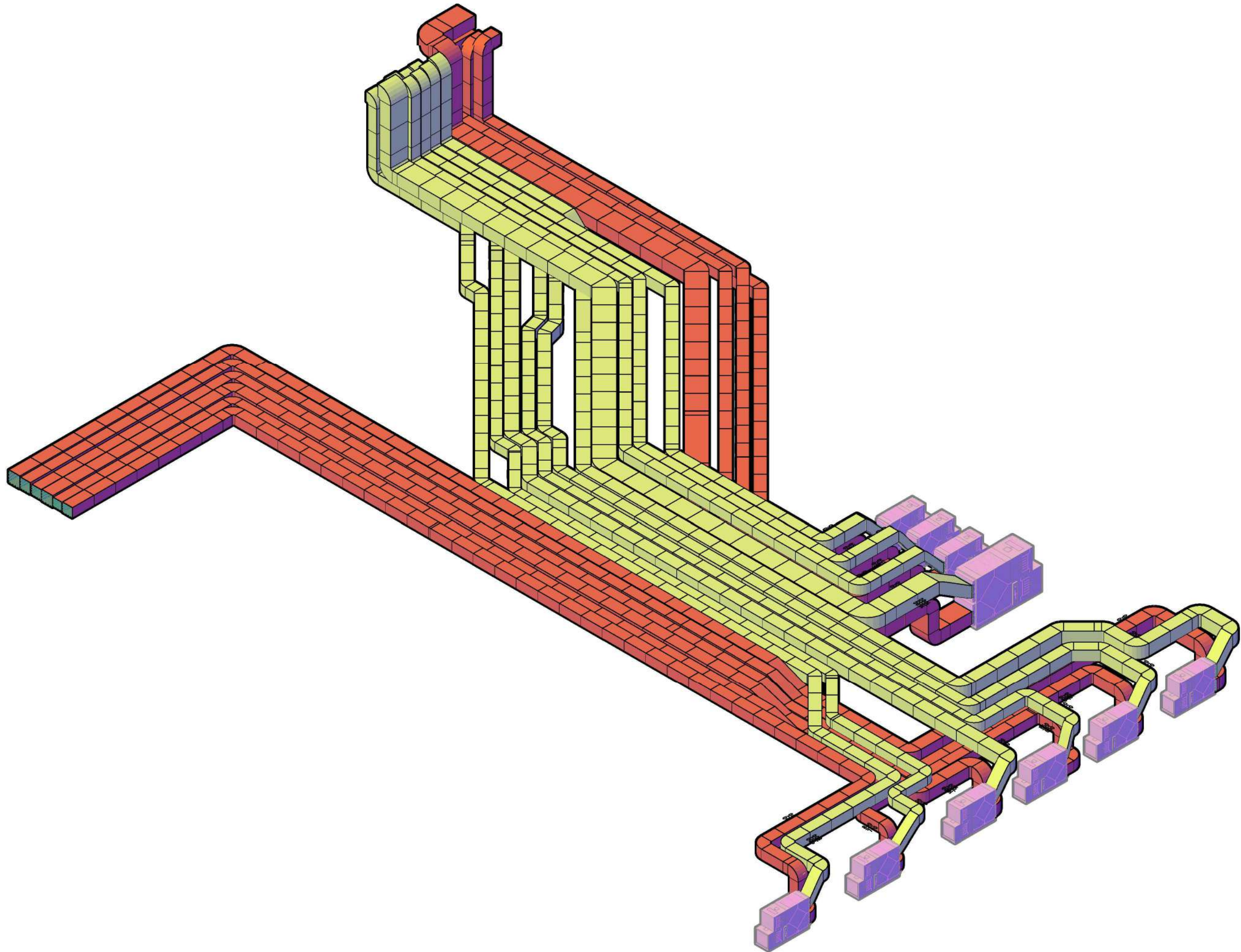
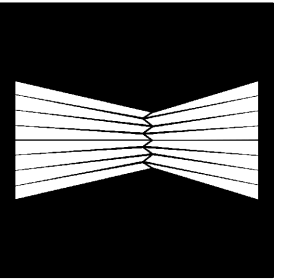
ark.	P. KAJMAKU	
ark.	O. ZOTO	
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ing.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A. C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
 AJER I KONDICIONUAR**

EMERTRAI  
**TUBACIONET E NXJERRJE/FTUTJES  
 SE AJRIT NGA C.T.A - KUOTA -5.48**

REV.	DATE	FILE	OBJECT	DRW	APPR.



ark.	P. KAJMAKU	
ark.	O. ZOTO	
ing.	M. HALILAJ	
ing.	E. CANO	
ing.	V. HOXHA	
ing.	D. BLUZI	
ing.	E. CANO	
ing.	N. DASHI	
ing.	V. AVDA	
elek.	V. HOXHA	
ing.	A. BONAVENTURA	
ing.	A.C. NUZZO	
ing.	G. CHARALAMPOPOULOS	
ing.	A. MAGRINI	

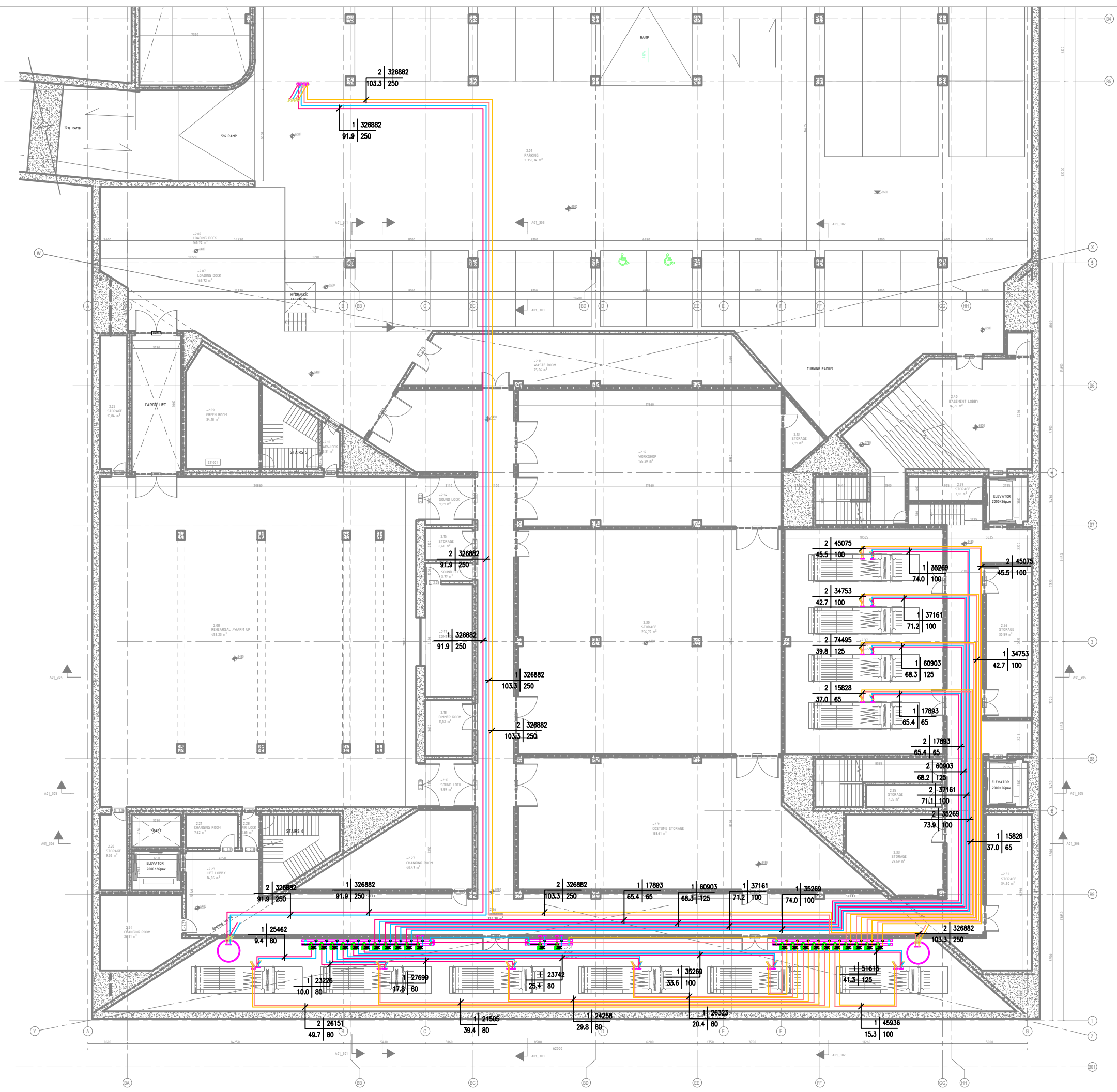
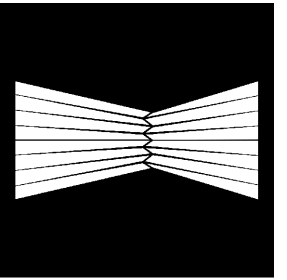
PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
AJER I KONDICIONUAR**

EMERTIMI  
**SKEMA 3D E TUBACIONEVE TE  
NXJERRJE/FTUTJES SE AJRIT**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: 09/01/2021		SHKALLA: 1:50		<b>M-70</b>



**F&M**  
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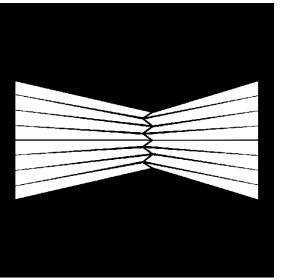
PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

**PROJEKTI  
AJER I KONDICIONUAR**

EMERTIMI  
**TUBACIONET E UJIT PER KONDIC.  
KUOTA -5.48**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: 26.04.2021  
SHKALLA: 1:100  
**M-71**



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PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

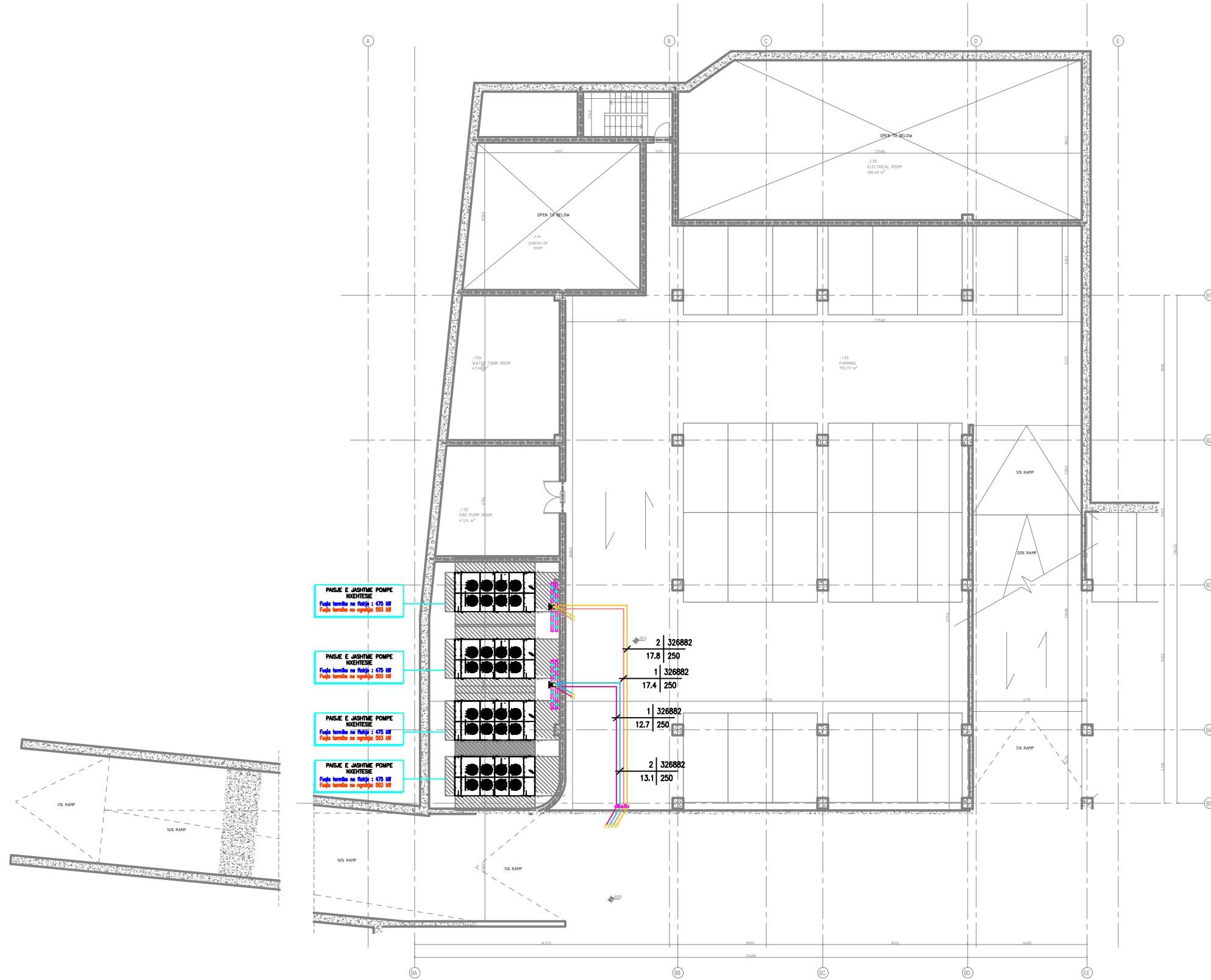
**PROJEKTI  
AJER I KONDICIONUAR**

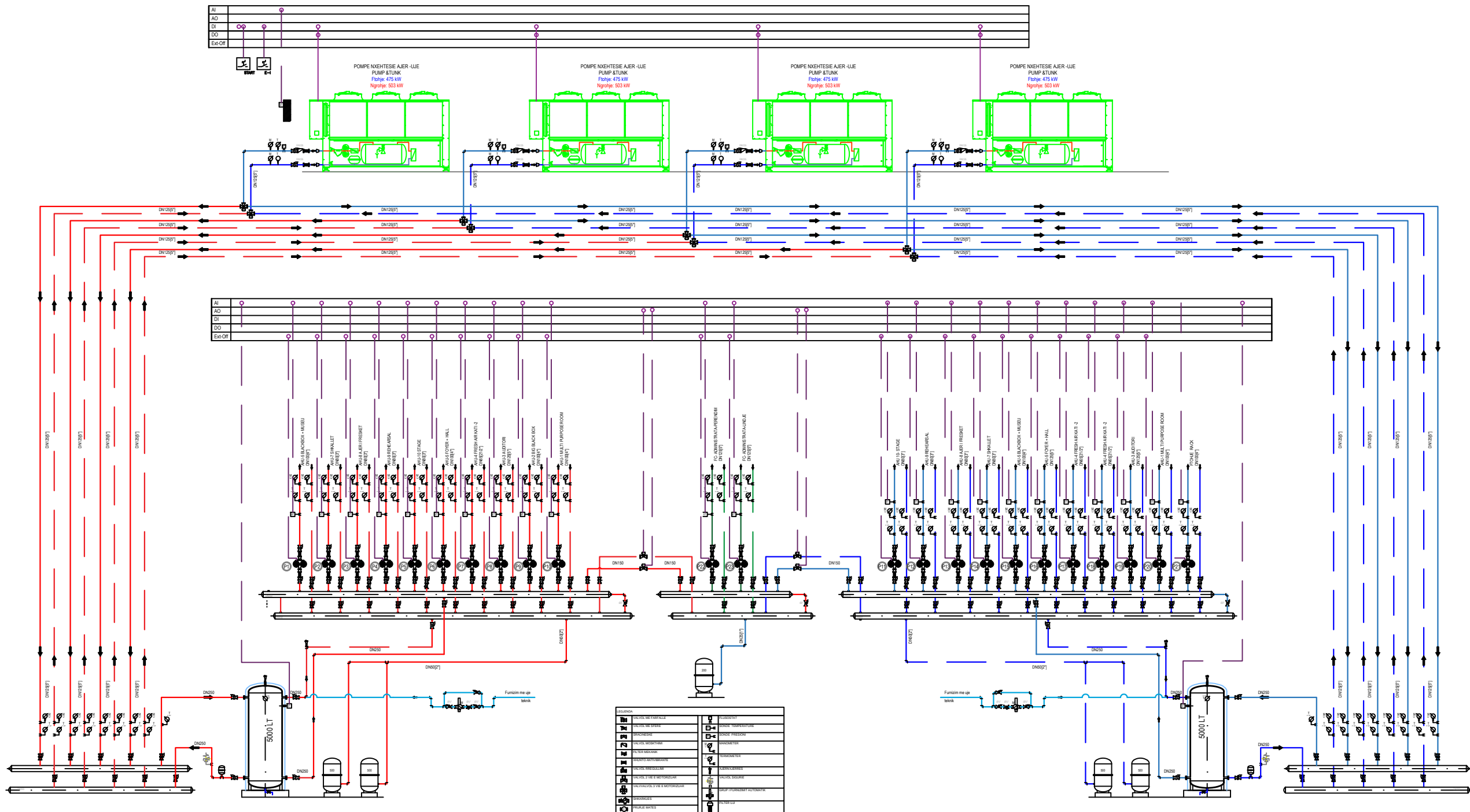
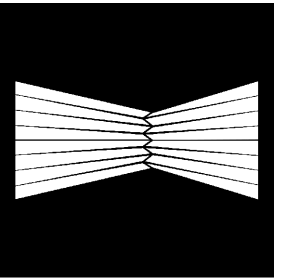
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**TUBACIONET E UJIT PER KONDIC.  
KATI NENTOKE - MEZANINA**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: 29.04.2021  
SHKALLA: 1:100

**M-72**





SYMBOL		DESCRIPTION	
	PUMP	PUMP	PUMP
	TANK	TANK	TANK
	VALVE	VALVE	VALVE
	PIPE	PIPE	PIPE
	CONTROL VALVE	CONTROL VALVE	CONTROL VALVE
	ISOLATION VALVE	ISOLATION VALVE	ISOLATION VALVE
	AIR VALVE	AIR VALVE	AIR VALVE
	WATER VALVE	WATER VALVE	WATER VALVE
	DRAIN VALVE	DRAIN VALVE	DRAIN VALVE
	VENT VALVE	VENT VALVE	VENT VALVE
	AIR SEPARATOR	AIR SEPARATOR	AIR SEPARATOR
	AIR FILTER	AIR FILTER	AIR FILTER
	AIR DISTRIBUTOR	AIR DISTRIBUTOR	AIR DISTRIBUTOR
	AIR COLLECTOR	AIR COLLECTOR	AIR COLLECTOR
	AIR SEPARATOR	AIR SEPARATOR	AIR SEPARATOR
	AIR FILTER	AIR FILTER	AIR FILTER
	AIR DISTRIBUTOR	AIR DISTRIBUTOR	AIR DISTRIBUTOR
	AIR COLLECTOR	AIR COLLECTOR	AIR COLLECTOR



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PROJEKT  
**Godina e Teatrit Tiranë, Faza I-rë**

PROJEKTI  
**AJER I KONDICIONUAR**

EMERTIMI  
**SKEMA FUNKSIONALE E CENTRALIT TERMIK**

REV.	DATE	FILE	OBJECT	DRW	APPR.

DATA: 29.04.2021  
 SHKURTY 2021  
 SHKALLA: 1:100  
**M-73**