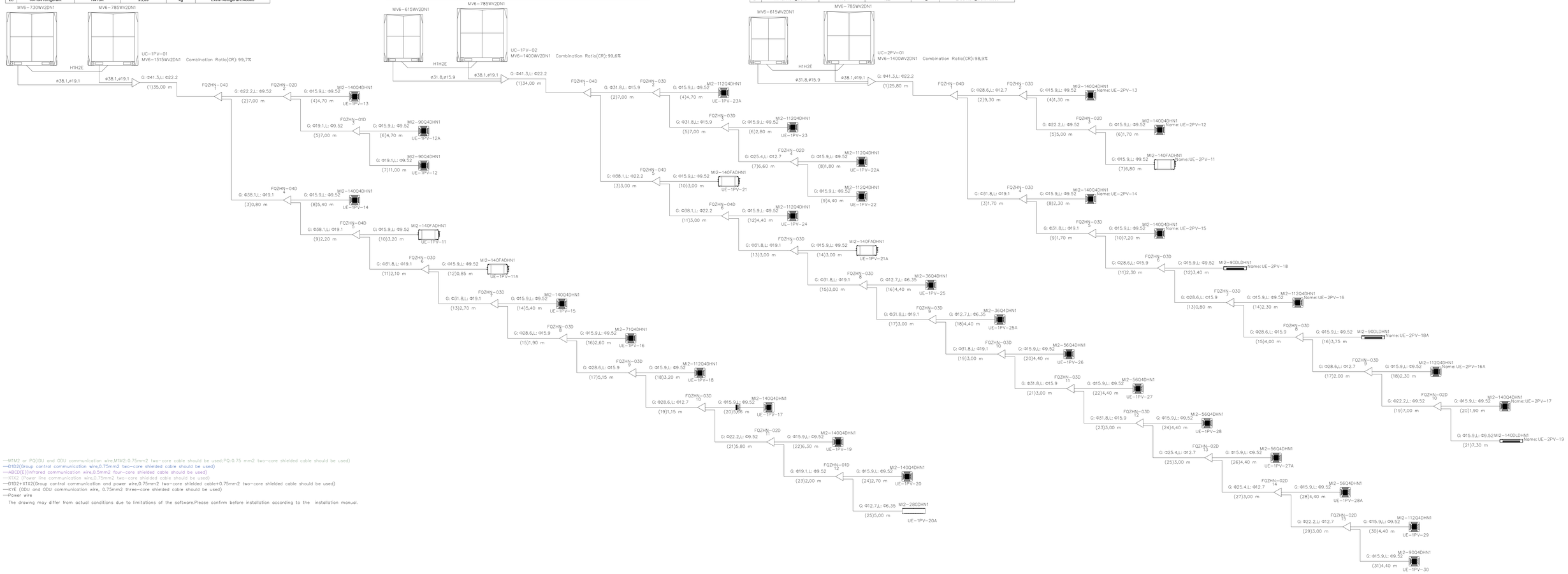
No.	Name	Model	Quantity	Unit	Description
1	V6 220V	MV6-785WV2DN1	1		V6 220V
2	V6 220V	MV6-730WV2DN1	1		V6 220V
3	Four-way Cassette	MI2-140Q4DHN1	6		Four-way Cassette
4	100% Fresh Air	MI2-140FADHN1	2		100% Fresh Air
5	Four-way Cassette	MI2-112Q4DHN1	1		Four-way Cassette
6	Four-way Cassette	MI2-90Q4DHN1	2		Four-way Cassette
7	Four-way Cassette	MI2-71Q4DHN1	1		Four-way Cassette
8	Wall Mounted	MI2-28GDHN1	1		Wall Mounted
9	Branch joint	FQZHN-02N1E	1		Branch joint
10	Branch joint	FQZHN-03D	5		Branch joint
11	Branch joint	FQZHN-01D	2		Branch joint
12	Branch joint	FQZHN-02D	2		Branch joint
13	Branch joint	FQZHN-04D	3		Branch joint
14	Pipe	Ø6.35	5,0	m	Copper pipe
15	Pipe	Ø9.52	77,5	m	Copper pipe
16	Pipe	Ø12.7	6,2	m	Copper pipe
17	Pipe	Ø15.9	51,8	m	Copper pipe
18	Pipe	Ø19.1	33,8	m	Copper pipe
19	Pipe	Ø22.2	47,8	m	Copper pipe
20	Pipe	Ø28.6	8,2	m	Copper pipe
21	Pipe	Ø31.8	4,8	m	Copper pipe
22	Pipe	Ø38.1	9,0	m	Copper pipe
23	Pipe	Ø41.3	35,0	m	Copper pipe
24	Reducer	Ø28.6<->Ø31.8	1		Reducer
25	Reducer	Ø15.9<->Ø19.1	3		Reducer
26	Reducer	Ø34.9<->Ø38.1	2		Reducer
27	Reducer	Ø38.1<->Ø41.3	1		Reducer
28	R410A refrigerant	R410A	25,09	kg	Extra Refrigerant Added

No.	Name	Model	Quantity	Unit	Description
1	V6 220V	MV6-785WV2DN1	1		V6 220V
2	V6 220V	MV6-615WV2DN1	1		V6 220V
3	100% Fresh Air	MI2-140FADHN1	2		100% Fresh Air
4	Four-way Cassette	MI2-112Q4DHN1	6		Four-way Cassette
5	Four-way Cassette	MI2-90Q4DHN1	1		Four-way Cassette
6	Four-way Cassette	MI2-56Q4DHN1	5		Four-way Cassette
7	Four-way Cassette	MI2-36Q4DHN1	2		Four-way Cassette
8	Branch joint	FQZHW-02N1E	1		Branch joint
9	Branch joint	FQZHN-02D	4		Branch joint
10	Branch joint	FQZHN-03D	8		Branch joint
11	Branch joint	FQZHN-04D	3		Branch joint
12	Pipe	Ø6.35	8,8	m	Copper pipe
13	Pipe	Ø9.52	54,9	m	Copper pipe
14	Pipe	Ø12.7	24,4	m	Copper pipe
15	Pipe	Ø15.9	77,9	m	Copper pipe
16	Pipe	Ø19.1	15,0	m	Copper pipe
17	Pipe	Ø22.2	43,0	m	Copper pipe
18	Pipe	Ø25.4	12,6	m	Copper pipe
19	Pipe	Ø31.8	35,0	m	Copper pipe
20	Pipe	Ø38.1	9,0	m	Copper pipe
21	Pipe	Ø41.3	34,0	m	Copper pipe
22	Reducer	Ø22.2<->Ø25.4	1		Reducer
23	Reducer	Ø12.7<->Ø15.9	2		Reducer
24	Reducer	Ø15.9<->Ø19.1	5		Reducer
25	Reducer	Ø28.6<->Ø31.8	6		Reducer
26	Reducer	Ø19.1<->Ø22.2	2		Reducer
27	Reducer	Ø34.9<->Ø38.1	2		Reducer
28	Reducer	Ø38.1<->Ø41.3	1		Reducer
29	R410A refrigerant	R410A	30,94	kg	Extra Refrigerant Added

No.	Name	Model	Quantity	Unit	Description
1	V6 220V	MV6-785WV2DN1	1		V6 220V
2	V6 220V	MV6-615WV2DN1	1		V6 220V
3	100% Fresh Air	MI2-140FADHN1	1		100% Fresh Air
4	Four-way Cassette	MI2-140Q4DHN1	5		Four-way Cassette
5	Ceiling & Floor	MI2-140DLDHN1	1		Ceiling & Floor
6	Four-way Cassette	MI2-112Q4DHN1	2		Four-way Cassette
7	Ceiling & Floor	MI2-90DLDHN1	2		Ceiling & Floor
8	Branch joint	FQZHW-02N1E	1		Branch joint
9	Branch joint	FQZHN-02D	2		Branch joint
10	Branch joint	FQZHN-03D	7		Branch joint
11	Branch joint	FQZHN-04D	1		Branch joint
12	Pipe	Ø9.52	52,2	m	Copper pipe
13	Pipe	Ø12.7	11,3	m	Copper pipe
14	Pipe	Ø15.9	50,3	m	Copper pipe
15	Pipe	Ø19.1	6,4	m	Copper pipe
16	Pipe	Ø22.2	37,8	m	Copper pipe
17	Pipe	Ø28.6	18,4	m	Copper pipe
18	Pipe	Ø31.8	6,4	m	Copper pipe
19	Pipe	Ø38.1	3,0	m	Copper pipe
20	Pipe	Ø41.3	25,6	m	Copper pipe
21	Reducer	Ø15.9<->Ø19.1	1		Reducer
22	Reducer	Ø28.6<->Ø31.8	1		Reducer
23	Reducer	Ø38.1<->Ø41.3	1		Reducer
24	R410A refrigerant	R410A	19,64	kg	Extra Refrigerant Added



—M1M2 or PQ(IDU and ODU communication wire,M1M2:0.75mm2 two-core cable should be used;PQ:0.75 mm2 two-core shielded cable should be used)
—D1D2(Group control communication wire,0.75mm2 two-core shielded cable should be used)
—ABCD(E3)(Infrared communication wire,0.5mm2 four-core shielded cable should be used)
—K1X2 (Power line communication wire,0.75mm2 two-core shielded cable should be used)
—D1D2+X1X2(Group control communication and power wire,0.75mm2 two-core shielded cable+0.75mm2 two-core shielded cable should be used)
—XYE (ODU and ODU communication wire, 0.75mm2 three-core shielded cable should be used)
—Power wire

The drawing may differ from actual conditions due to limitations of the software.Please confirm before installation according to the installation manual.

REV.	MODIFICAÇÃO	DATA	APROVADO
00	EMISSÃO INICIAL	12/03/24	R.J.A

TEKNIKA PROJETOS E CONSULTORIA S.S.
R. BARÃO DO BANANAL, 300 tel: (011) 3672-1657 / 3673-8157 / e-mail: teknika@teknikapc.com.br

cliente: SENAC

projeto: SENAC – SANTOS
AVENIDA CONSELHEIRO NEBIAS , n°. 309 – SANTOS – SÃO PAULO

título: SISTEMA DE AR CONDICIONADO E VENTILAÇÃO
FLUXOGRAMA DE REDE FRIGORIGENA 1° e 2° PAVIMENTO

escala:	data:	projeto:	desenho:	fase do projeto:
INDICADA	12/03/2024	F.G.C.	F.G.C.	EXECUTIVO

ENGENHEIRO RESPONSÁVEL	CREA	numeração:
RAUL JOSÉ DE ALMEIDA	154.608-0/SP	1792-CLI-PE-006-PLA-FLUX-R00