No: MC-01

SUBMITTAL COVERSHEET Nanuet UFSD – Phase 3 Projects

Architect: KSQ Architects 215 W 40 th Street,15 th Floor New York, NY 10018	Owner: Nanuet Union Free School Di 101 Church Street Nanuet, NY 10954	strict	Construction Manager: Jacobs One Penn Plaza, 54 th floor New York, NY 10019			
Contractor:Joe Lombardo Plumbing & He	ating of Rockland Inc		Contract: Ron Lombardo			
Address:321 Spook Rock Road Suite 109	Α		845-357-6537 Telephone:			
Suffern, New York 10901			Fax:845-357-8529			
School Name: Nanuet Union Free School	District Phase 3 Bond Projects	@ Barr Middle S	chool & Nanuet High School			
Type of Submittal:		Re-submittal	:[]No []Yes			
[] Shop Drawings [] Product Data [] Test Report [] Certificate	[] Schedule	[] Sample	[]			
	[] Color Sample	[] Warranty	[]			
SHOP DWGS MIDDLE	SCHOOL PIPING / COO		WITH GPS SCANNING			
Product Name:						
Manufacturer: <u>ELITE</u>		REVISION # 2 1-24-24 we added the Dainkin notes and schedul				
Subcontractor/ ELITE Supplier:			been coordinated with Daikin			
References:		eering Dep				
Spec. Section No.: 230000		Drawi	ng No(s):			
Paragraph:			r Detail No(s):			
Architect's/ Engineer's Review Stamp	Contractor	Review Statem				
Architect 3/ Engineer 3 Neview Stamp	Contractor		ent.			
	coordinated by this offic	d with job condit	en checked for accuracy and ions and Contract requirements n found to comply with the Documents.			
	Ronald J.	Lombardo	1.24.24			
	Name:		Date:			
	Company N Joe Lomba		Heating of Rockland Inc.			

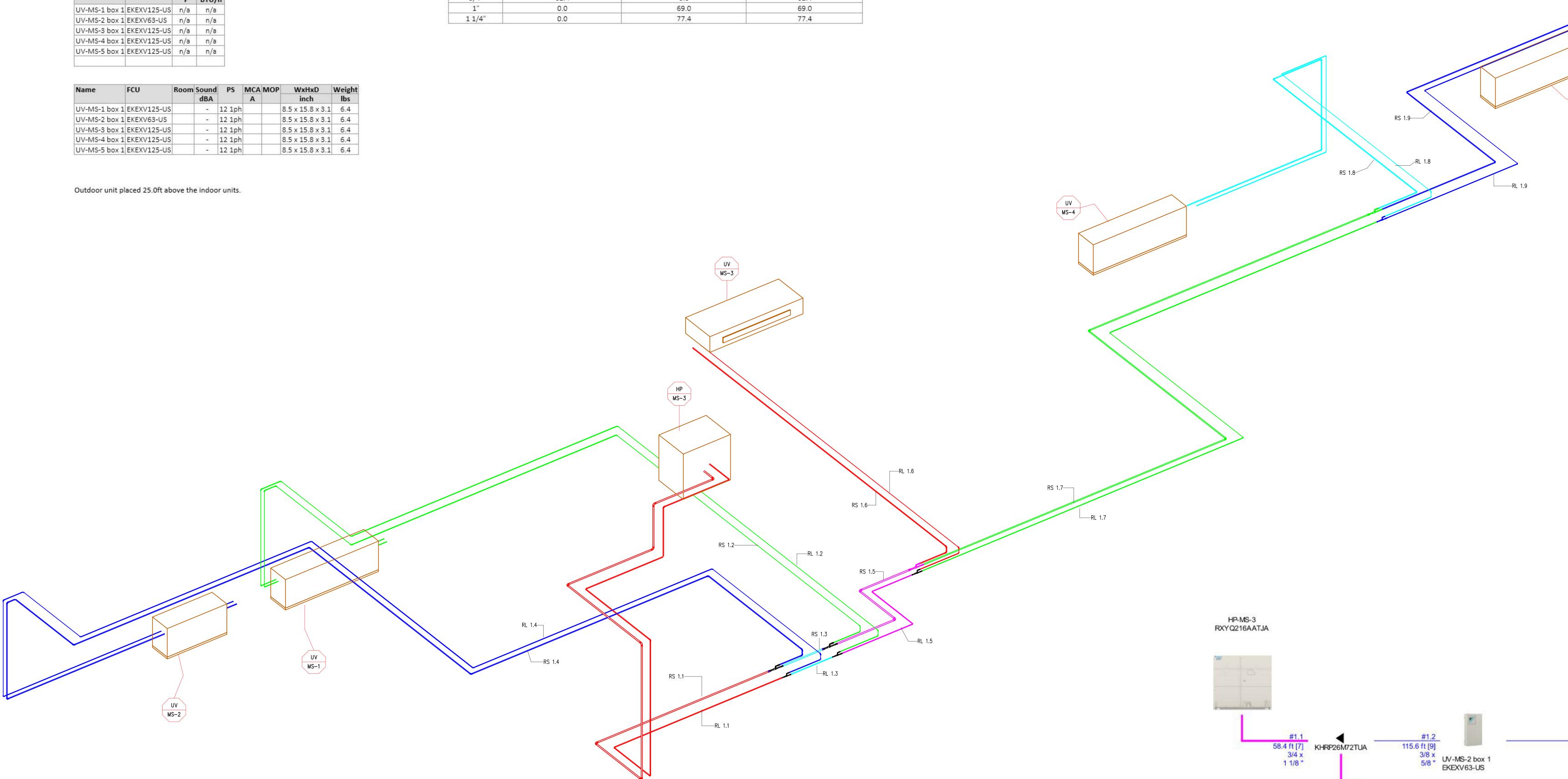


Capacity data at conditions and connection ratio (92) as entered

Name	FCU	Cooling						
		Tmp C	Max TC	Tevap	Max SC			
_		°F (DBT/RH)	BTU/h	۴F	BTU/h			
UV-MS-1 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-2 box 1	EKEXV63-US	n/a	26,615	42.8	n/a			
UV-MS-3 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-4 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-5 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			

Name	FCU	Heating			
		Tmp H	Max HC		
		°F	BTU/h		
UV-MS-1 box 1	EKEXV125-US	n/a	n/a		
UV-MS-2 box 1	EKEXV63-US	n/a	n/a		
UV-MS-3 box 1	EKEXV125-US	n/a	n/a		
UV-MS-4 box 1	EKEXV125-US	n/a	n/a		
UV-MS-5 box 1	EKEXV125-US	n/a	n/a		

Name	FCU	Room	Sound	PS	MCA	MOP	WxHxD	Weight
			dBA		A		inch	lbs
UV-MS-1 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-2 box 1	EKEXV63-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-3 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-4 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-5 box 1	EKEXV125-US			12 1ph			8.5 x 15.8 x 3.1	6.4



HP-MS-3 - RXYQ216AATJA

	RXYQ216
	EKEXV63-
	EKEXV125
	KHRP26A
	KHRP26N
1	BRC1E73
1	EKEQMC
100	

Model

Piping	Liquid	Suction	Total
	ft	ft	ft
3/8"	372.6	0.0	372.6
1/2"	69.0	0.0	69.0
5/8"	15.0	372.6	387.6
3/4"	62.4	0.0	62.4
1"	0.0	69.0	69.0
1 1/4"	0.0	77.4	77.4
and the second se		and the second se	

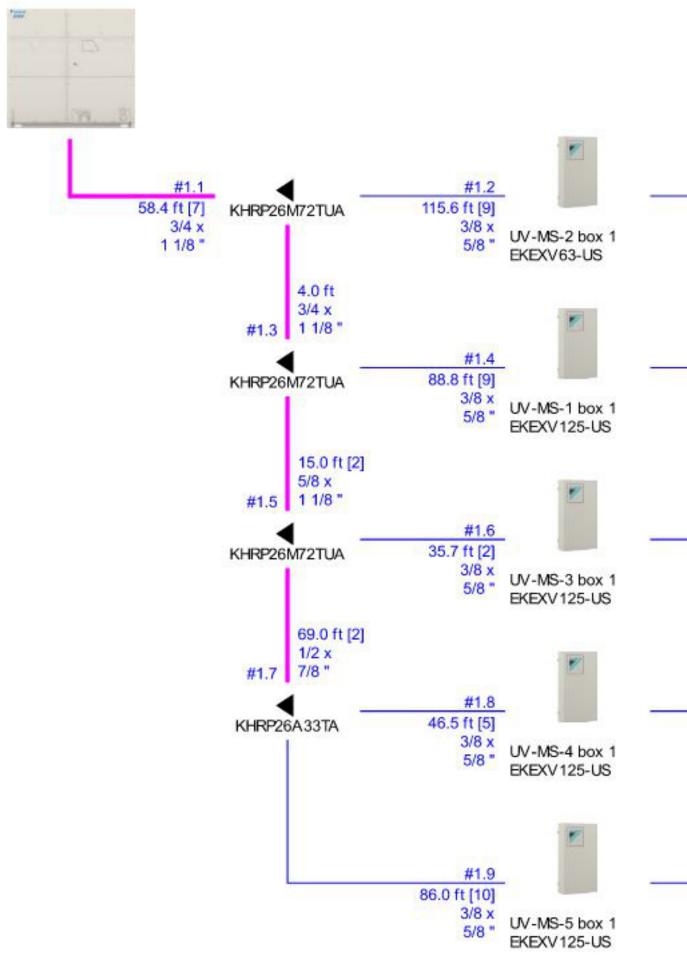
	Quantity	Description			
.6AATJA	1	VRV EMERION (208-230V) (VRV EMERION (208-230V))			
3-US	1	AHU INTEGRATION VALVE KIT			
25-US	4	AHU INTEGRATION VALVE KIT			
A33TA 1		Refnet branch piping kit			
M72TUA 3 Refnet branch piping		Refnet branch piping kit			
3 5 new Navigation Remote Co		new Navigation Remote Controller			
CBAV3-US	5 AHU Kit Z-Control box				

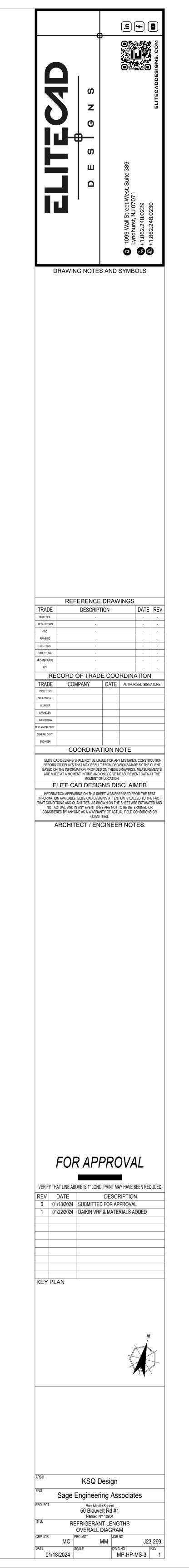
Refrigerant information

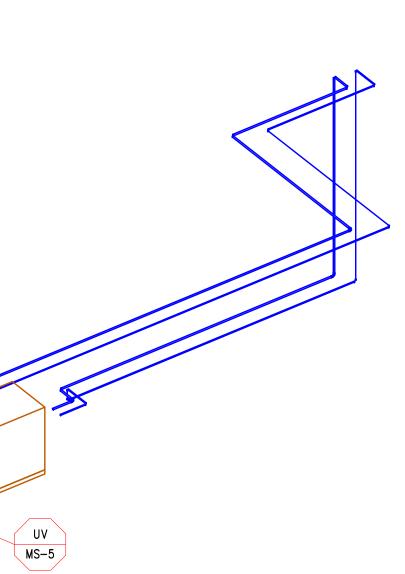
Refrigerant type

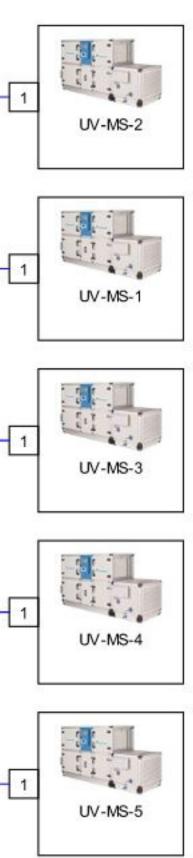
R410A

GWP	Base charge Ibs	Extra charge Ibs	Total refrigerant charge Ibs	Total CO2 equivalent tonnes
2087.5	25.79	51.79*)	77.59	73.46







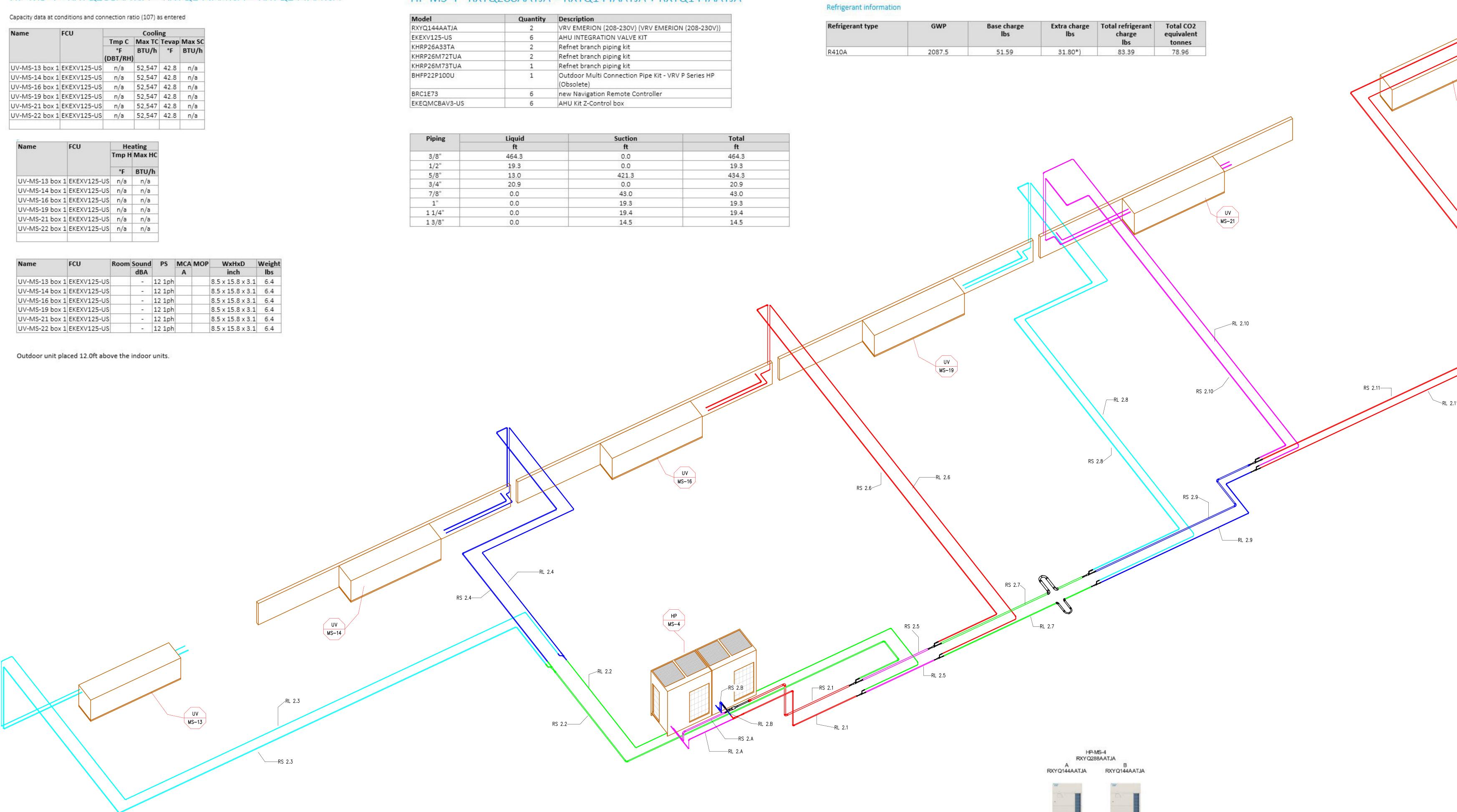


HP-MS-4 - RXYQ288AATJA = RXYQ144AATJA + RXYQ144AATJA

Name	FCU	Cooling						
		Tmp C	Max TC	Tevap	Max SC			
		°F (DBT/RH)	BTU/h	۴F	BTU/h			
UV-MS-13 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-14 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-16 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-19 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-21 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-22 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			

Name	FCU	Heating			
		Tmp H	Max HC		
		۴F	BTU/h		
UV-MS-13 box 1	EKEXV125-US	n/a	n/a		
UV-MS-14 box 1	EKEXV125-US	n/a	n/a		
UV-MS-16 box 1	EKEXV125-US	n/a	n/a		
UV-MS-19 box 1	EKEXV125-US	n/a	n/a		
UV-MS-21 box 1	EKEXV125-US	n/a	n/a		
UV-MS-22 box 1	EKEXV125-US	n/a	n/a		
		c	5 5		

Name	FCU	Room	Sound	PS	MCA	MOP	WxHxD	Weight
			dBA		Α		inch	lbs
UV-MS-13 box 1	EKEXV125-US		-	12 1ph		4	8.5 x 15.8 x 3.1	6.4
UV-MS-14 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-16 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-19 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-21 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-22 box 1	EKEXV125-US	8 - B	-	12 1nh		1	85×158×31	6.4



Model	Quantity	Description
RXYQ144AATJA	2	VRV EMERION (208-230V) (VRV EMERION (208-230V))
EKEXV125-US	6	AHU INTEGRATION VALVE KIT
KHRP26A33TA	2	Refnet branch piping kit
KHRP26M72TUA	2	Refnet branch piping kit
KHRP26M73TUA	1	Refnet branch piping kit
		Outdoor Multi Connection Pipe Kit - VRV P Series HP (Obsolete)
BRC1E73	73 6 new Navigation Remote Controller	
EKEQMCBAV3-US	6	AHU Kit Z-Control box

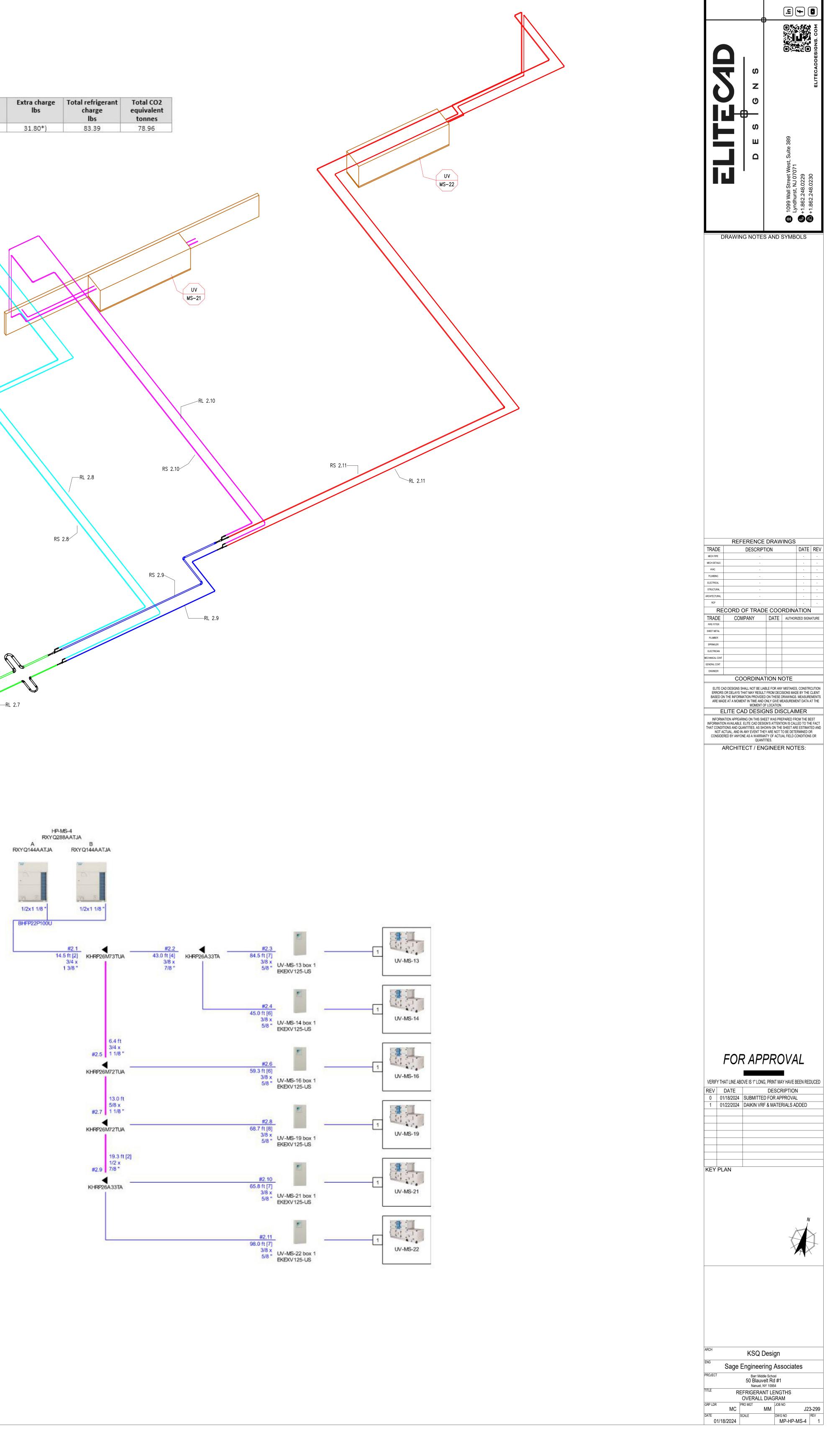


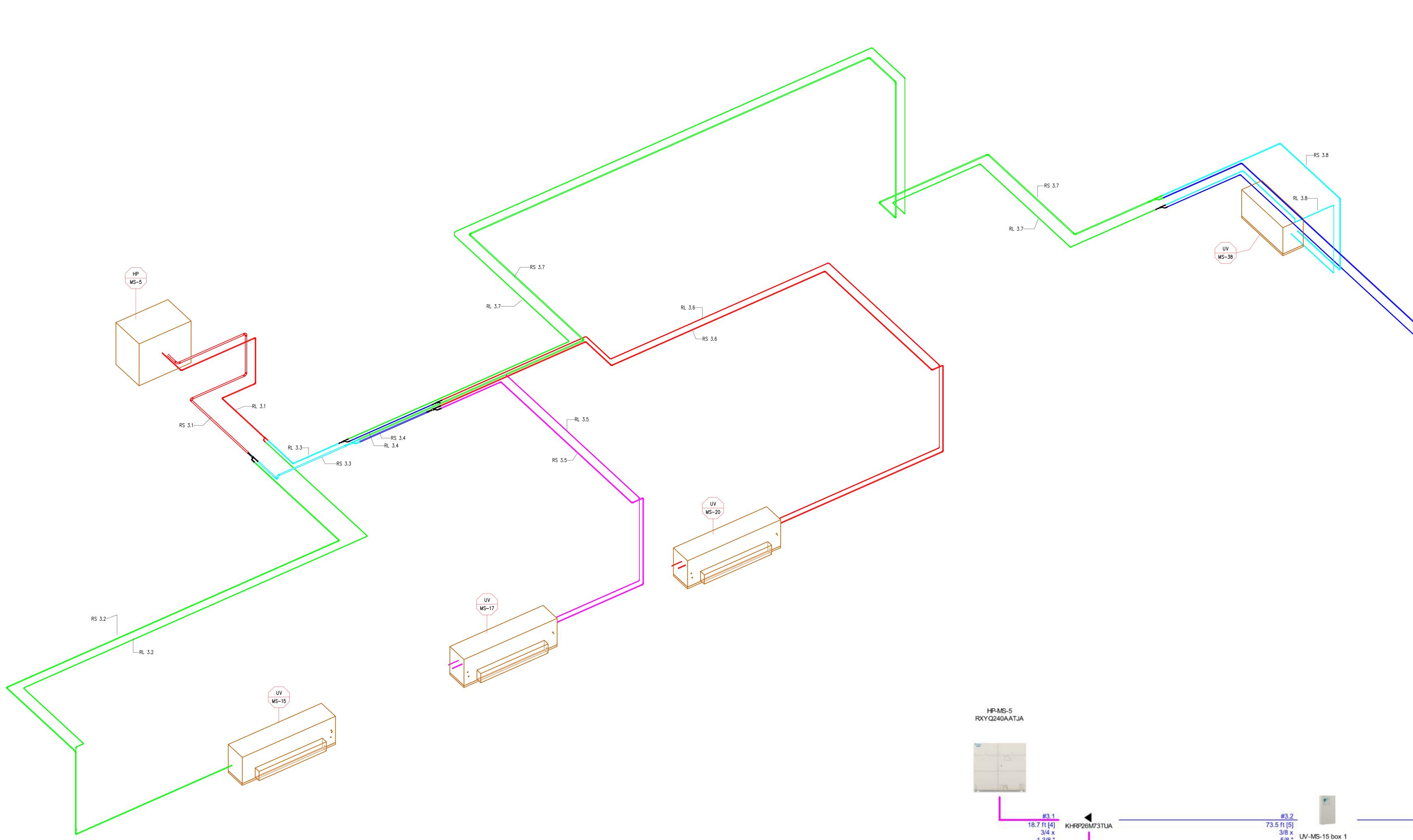
HP-MS-4 - RXYQ288AATJA = RXYQ144AATJA + RXYQ144AATJA

Refrigerant information	n
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Refrigerant type	GWP
R410A	2087.5

	Liquid	Suction	Total
	ft	ft	ft
	464.3	0.0	464.3
	19.3	0.0	19.3
	13.0	421.3	434.3
	20.9	0.0	20.9
1	0.0	43.0	43.0
	0.0	19.3	19.3
	0.0	19.4	19.4
	0.0	14.5	14.5





HP-MS-5 - RXYQ240AATJA

Capacity data at conditions and connection ratio (99) as entered

Name	FCU	Cooling					
		Tmp C	Max TC	Tevap	Max SC		
		°F (DBT/RH)	BTU/h	۴F	BTU/h		
UV-MS-15 box 1	EKEXV125-US	n/a	52,547	42.8	n/a		
UV-MS-17 box 1	EKEXV125-US	n/a	52,547	42.8	n/a		
UV-MS-20 box 1	EKEXV125-US	n/a	52,547	42.8	n/a		
UV-MS-38 box 1	EKEXV63-US	n/a	26,615	42.8	n/a		
UV-MS-41 box 1	EKEXV125-US	n/a	52,547	42.8	n/a		

Name	FCU	Heating			
		Tmp H	Max HC		
		۴F	BTU/h		
UV-MS-15 box 1	EKEXV125-US	n/a	n/a		
UV-MS-17 box 1	EKEXV125-US	n/a	n/a		
UV-MS-20 box 1	EKEXV125-US	n/a	n/a		
UV-MS-38 box 1	EKEXV63-US	n/a	n/a		
UV-MS-41 box 1	EKEXV125-US	n/a	n/a		

Name	FCU	Room	Sound dBA	PS	MCA A	MOP	WxHxD inch	Weight Ibs
			UDA					
UV-MS-15 box 1	EKEXV125-US			12 1ph	<u> </u>		8.5 x 15.8 x 3.1	6.4
UV-MS-17 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-20 box 1	EKEXV125-US			12 1ph			8.5 x 15.8 x 3.1	6.4
				12 1911				0.1
Name	FCU		Sound			мор	WxHxD	
						мор		Weight
	FCU		Sound		MCA A	МОР	WxHxD	Weight

Outdoor unit placed 25.0ft above the indoor units.

Model	Quantity	Description
RXYQ240AATJA	1	VRV EMERION (208-230V) (VRV EMERION (208-230V))
EKEXV63-US	1	AHU INTEGRATION VALVE KIT
EKEXV125-US	4	AHU INTEGRATION VALVE KIT
KHRP26A33TA	2	Refnet branch piping kit
KHRP26M72TUA	1	Refnet branch piping kit
KHRP26M73TUA	1	Refnet branch piping kit
BRC1E73	5	new Navigation Remote Controller
EKEQMCBAV3-US	5	AHU Kit Z-Control box

Piping	Liquid	Suction	Total
	ft	ft	ft
3/8"	298.7	0.0	298.7
1/2"	117.1	0.0	117.1
5/8"	0.0	291.3	291.3
3/4"	25.9	0.0	25.9
7/8"	0.0	7.4	7.4
1"	0.0	117.1	117.1
1 1/4"	0.0	7.2	7.2
1 3/8"	0.0	18.7	18.7

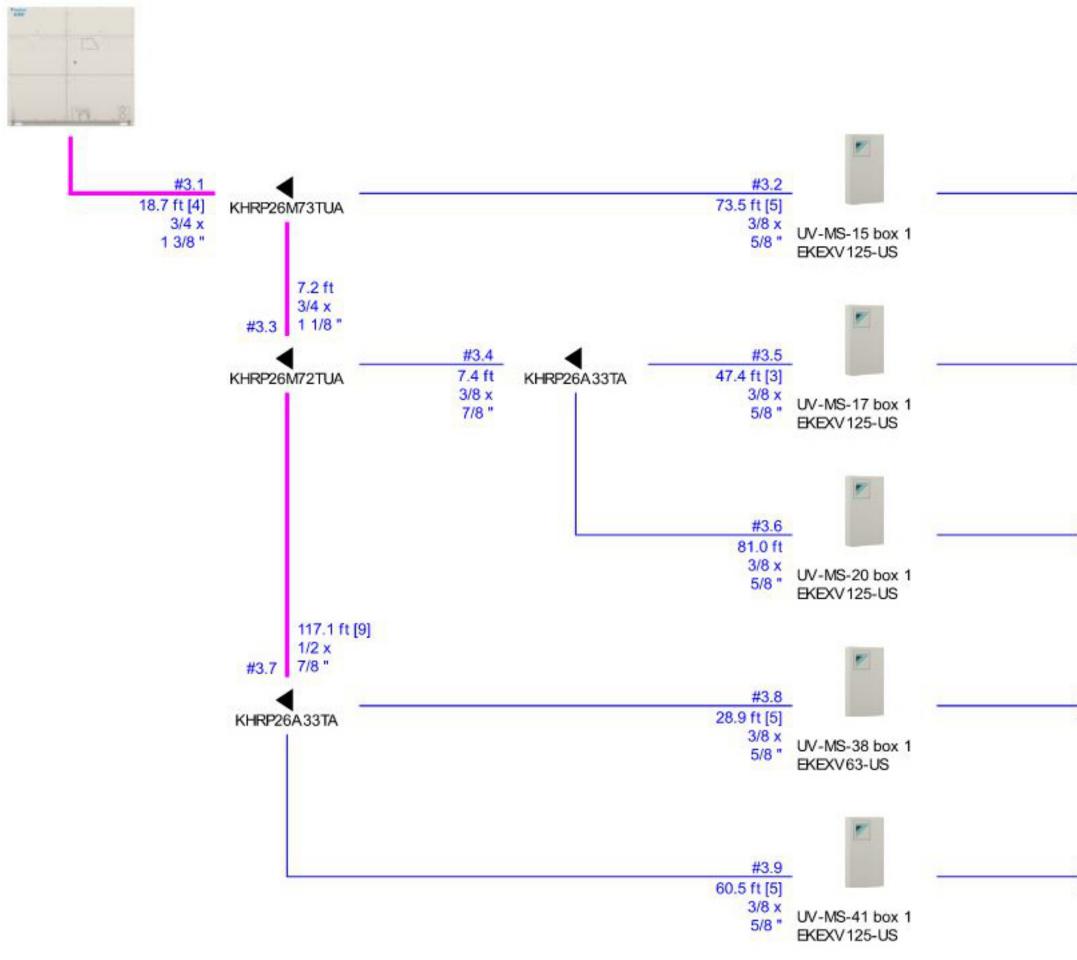
Refrigerant information

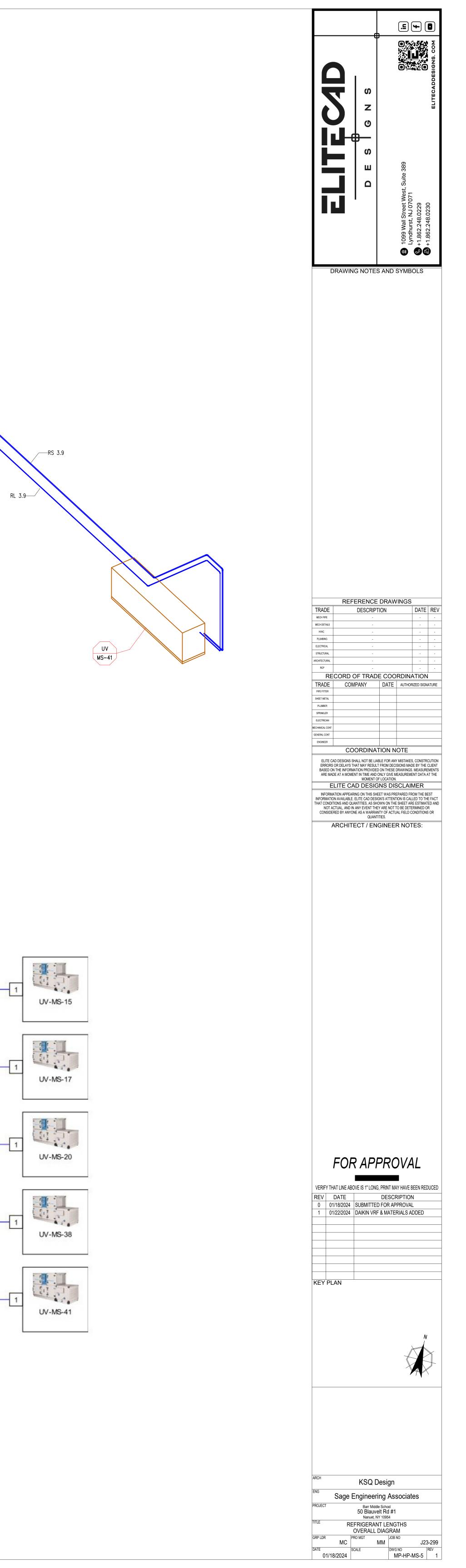
Refrigerant ty

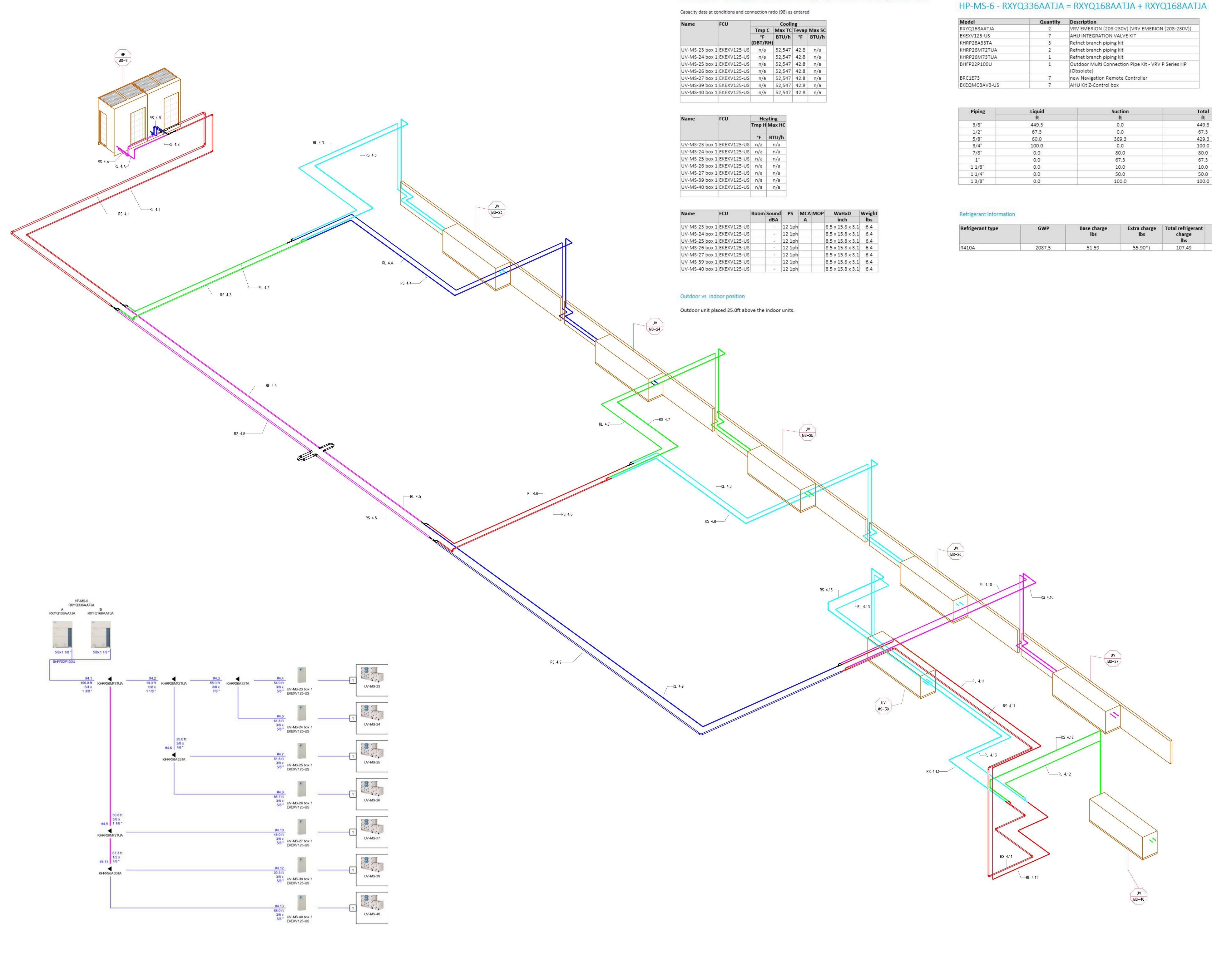
R410A

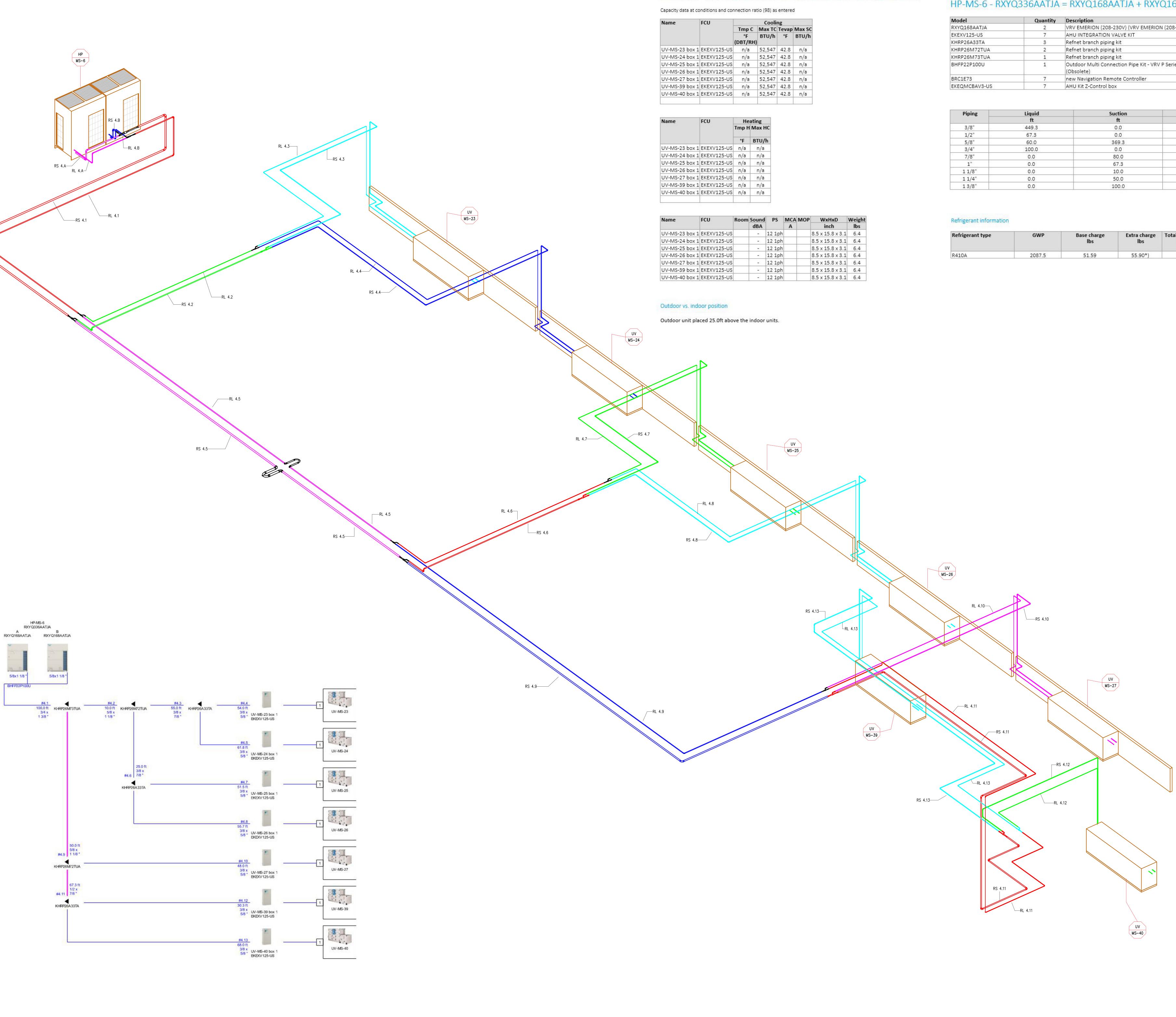
HP-MS-5 - RXYQ240AATJA

type	GWP	Base charge Ibs	Extra charge Ibs	Total refrigerant charge lbs	Total CO2 equivalent tonnes
	2087.5	25.79	44.77*)	70.56	66.81









HP-MS-6 - RXYQ336AATJA = RXYQ168AATJA + RXYQ168AATJA

FCU	Cooling						
	Tmp C	Max TC	Tevap	Max SC			
	°F (DBT/RH)	BTU/h	۴F	BTU/h			
EKEXV125-US	n/a	52,547	42.8	n/a			
EKEXV125-US	n/a	52,547	42.8	n/a			
EKEXV125-US	n/a	52,547	42.8	n/a			
EKEXV125-US	n/a	52,547	42.8	n/a			
EKEXV125-US	n/a	52,547	42.8	n/a			
EKEXV125-US	n/a	52,547	42.8	n/a			
EKEXV125-US	n/a	52,547	42.8	n/a			
	EKEXV125-US EKEXV125-US EKEXV125-US EKEXV125-US EKEXV125-US EKEXV125-US	Tmp C °F (DBT/RH)EKEXV125-USn/aEKEXV125-USn/aEKEXV125-USn/aEKEXV125-USn/aEKEXV125-USn/aEKEXV125-USn/aEKEXV125-USn/a	Tmp C Max TC °F BTU/h (DBT/RH) 22,547 EKEXV125-US n/a 52,547 EKEXV125-US n/a 52,547	Tmp C Max TC Tevap °F BTU/h °F (DBT/RH) °F 810/h °F EKEXV125-US n/a 52,547 42.8 EKEXV125-US n/a 52,547 42.8			

ime	FCU	Heating		
		Tmp H	Max HC BTU/h	
		۴F		
/-MS-23 box 1	EKEXV125-US	n/a	n/a	
/-MS-24 box 1	EKEXV125-US	n/a	n/a	
/-MS-25 box 1	EKEXV125-US	n/a	n/a	
/-MS-26 box 1	EKEXV125-US	n/a	n/a	
/-MS-27 box 1	EKEXV125-US	n/a	n/a	
/-MS-39 box 1	EKEXV125-US	n/a	n/a	
/-MS-40 box 1	EKEXV125-US	n/a	n/a	

ame	FCU	Room	Sound	PS	MCA	MOP	WxHxD	Weight
			dBA		Α		inch	lbs
V-MS-23 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
V-MS-24 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
V-MS-25 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
V-MS-26 box 1	EKEXV125-US		-	12 1ph	1		8.5 x 15.8 x 3.1	6.4
V-MS-27 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
V-MS-39 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
V MAC 40 1	EVENUADE LIE		1 22 1	121-6	2	1	0	C 4

Model	Quantity
RXYQ168AATJA	2
EKEXV125-US	7
KHRP26A33TA	3
KHRP26M72TUA	2
KHRP26M73TUA	1
BHFP22P100U	1
BRC1E73	7
EKEQMCBAV3-US	7

Piping	ng Liquid Suction	Suction	Total
	ft	ft	ft
3/8"	449.3	0.0	449.3
1/2"	67.3	0.0	67.3
5/8"	60.0	369.3	429.3
3/4"	100.0	0.0	100.0
7/8"	0.0	80.0	80.0
1"	0.0	67.3	67.3
1 1/8"	0.0	10.0	10.0
1 1/4"	0.0	50.0	50.0
1 3/8"	0.0	100.0	100.0

Refrigerant type	GWP	Base charge Ibs	Extra charge Ibs	Total refrigerant charge lbs	Total CO2 equivalent tonnes
R410A	2087.5	51.59	55.90*)	107.49	101.78

Description
VOV FRAFFICAL

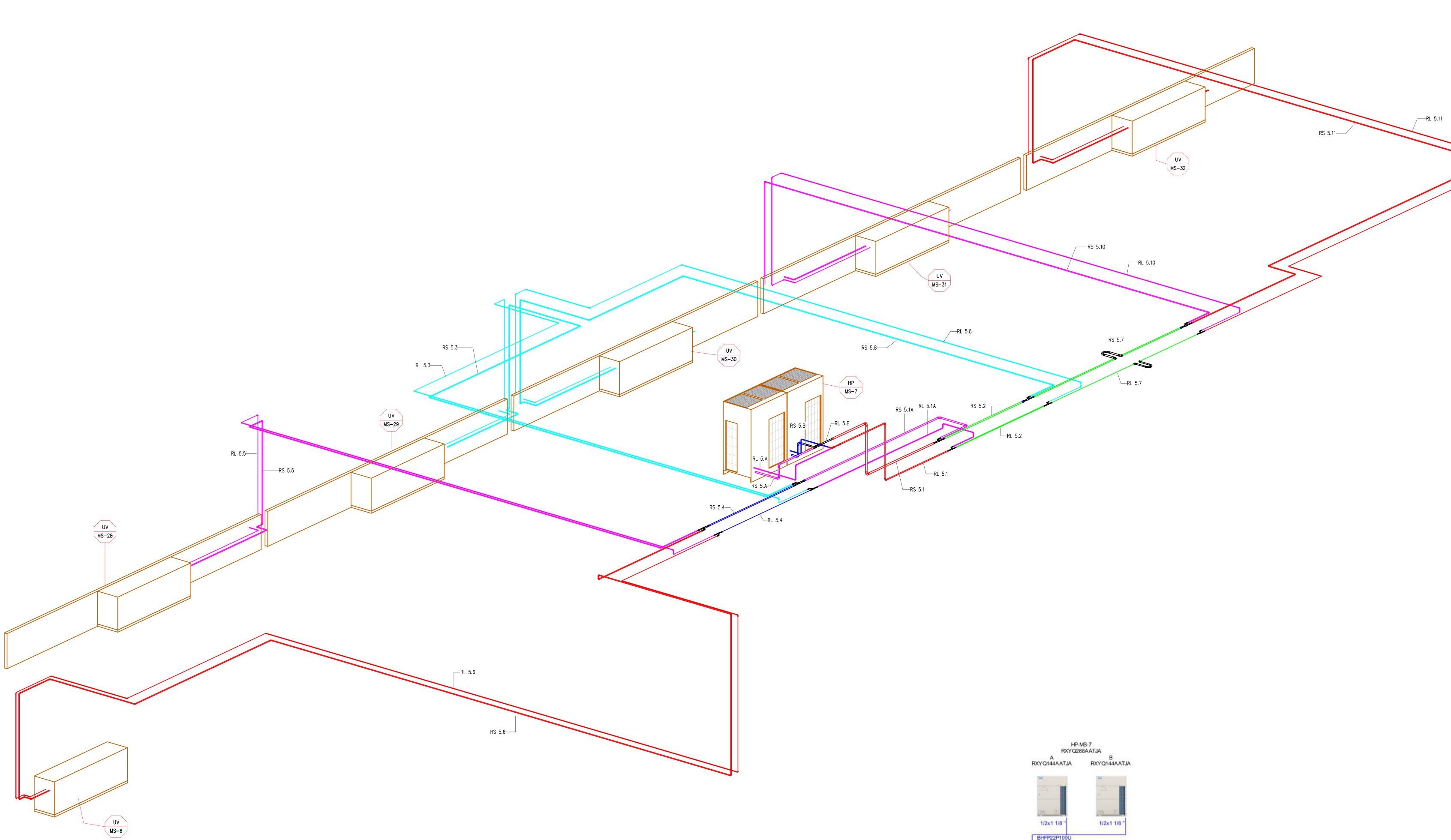
Outdoor Multi Connection Pipe Kit - VRV P Series HP

. .)99 Wall S ndhurst, | .862.248. .862.248. DRAWING NOTES AND SYMBOLS REFERENCE DRAWINGS DESCRIPTION TRADE MECH PIPE DATE REV MECH DETAILS - -- -ELECTRICAL - -- -STRUCTURAL ARCHITECTURAL RCP RECORD OF TRADE COORDINATION TRADE COMPANY DATE AUTHORIZED SIGNATURE TRADE PIPE FITTER SHEET METAL PLUMBER SPRINKLE _____ ELECTRIC MECHANICAL CO _____ GENERAL CONT ____ ENGINEER COORDINATION NOTE ELITE CAD DESIGNS SHALL NOT BE LIABLE FOR ANY MISTAKES, CONSTRCUTION ERRORS OR DELAYS THAT MAY RESULT FROM DECISIONS MADE BY THE CLIENT BASED ON THE INFORMATION PROVIDED ON THESE DRAWINGS. MEASUREMENTS ARE MADE AT A MOMENT IN TIME AND ONLY GIVE MEASUREMENT DATA AT THE MOMENT OF LOCATION. ELITE CAD DESIGNS DISCLAIMER INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION AVAILABLE. ELITE CAD DESIGN'S ATTENTION IS CALLED TO THE FACT THAT CONDITIONS AND QUANTITIES, AS SHOWN ON THE SHEET ARE ESTIMATED AND NOT ACTUAL, AND IN ANY EVENT THEY ARE NOT TO BE DETERMINED OR CONSIDERED BY ANYONE AS A WARRANTY OF ACTUAL FIELD CONDITIONS OR QUANTITIES. ARCHITECT / ENGINEER NOTES: FOR APPROVAL VERIFY THAT LINE ABOVE IS 1" LONG, PRINT MAY HAVE BEEN REDUCED REVDATEDESCRIPTION001/18/2024SUBMITTED FOR APPROVAL101/22/2024DAIKIN VRF & MATERIALS ADDED ____ KEY PLAN KSQ Design Sage Engineering Associates PROJECT Barr Middle School 50 Blauvelt Rd #1 Nanuet, NY 10954

Nanuet, NY 10954 REFRIGERANT LENGTHS OVERALL DIAGRAM ¹ORO MGT JOB NO MM J23-29 DWG NO REV MP-HP-MS-6 1

GRP LDR DATE

01/18/2024



HP-MS-7 - RXYQ288AATJA = RXYQ144AATJA + RXYQ144AATJA

Capacity data at conditions and connection ratio (102) as entered

Name	FCU		Cooling						
		Tmp C	Max TC	Tevap	Max SC				
		°F (DBT/RH)	BTU/h	°F	BTU/h				
UV-MS-28 box 1	EKEXV125-US	n/a	52,547	42.8	n/a				
UV-MS-29 box 1	EKEXV125-US	n/a	52,547	42.8	n/a				
UV-MS-30 box 1	EKEXV125-US	n/a	52,547	42.8	n/a				
UV-MS-31 box 1	EKEXV125-US	n/a	52,547	42.8	n/a				
UV-MS-32 box 1	EKEXV125-US	n/a	52,547	42.8	n/a				
UV-MS-6 box 1	EKEXV125-US	n/a	52,547	42.8	n/a				

Name	FCU	Heating			
		Tmp H			
		°F	BTU/h		
UV-MS-28 box 1	EKEXV125-US	n/a	n/a		
UV-MS-29 box 1	EKEXV125-US	n/a	n/a		
UV-MS-30 box 1	EKEXV125-US	n/a	n/a		
UV-MS-31 box 1	EKEXV125-US	n/a	n/a		
UV-MS-32 box 1	EKEXV125-US	n/a	n/a		
UV-MS-6 box 1	EKEXV125-US	n/a	n/a		

Name	FCU	Room	Sound	PS	MCA	MOP	WxHxD	Weight
			dBA		Α		inch	lbs
UV-MS-28 box 1	EKEXV125-US		1	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-29 box 1	EKEXV125-US		829	12 1ph	1	0	8.5 x 15.8 x 3.1	6.4
UV-MS-30 box 1	EKEXV125-US		1.12	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-31 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-32 box 1	EKEXV125-US			12 1ph		2	8.5 x 15.8 x 3.1	6.4
UV-MS-6 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4

Outdoor unit placed 25.0ft above the indoor units.

Model	Quantity	Description
RXYQ144AATJA	2	VRV EMERION (208-230V) (VRV EMERION (208-230V))
EKEXV125-US	6	AHU INTEGRATION VALVE KIT
KHRP26A33TA	2	Refnet branch piping kit
KHRP26M72TUA	2	Refnet branch piping kit
KHRP26M73TUA	1	Refnet branch piping kit
BHFP22P100U	1	Outdoor Multi Connection Pipe Kit - VRV P Series HP (Obsolete)
BRC1E73	6	new Navigation Remote Controller
EKEQMCBAV3-US	6	AHU Kit Z-Control box

Piping	Liquid	Suction	Total
	ft	ft	ft
3/8"	528.9	0.0	528.9
1/2"	26.0	0.0	26.0
5/8"	29.6	528.9	558.5
3/4"	14.4	0.0	14.4
1"	0.0	26.0	26.0
1 1/4"	0.0	29.6	29.6
1 3/8"	0.0	14.4	14.4

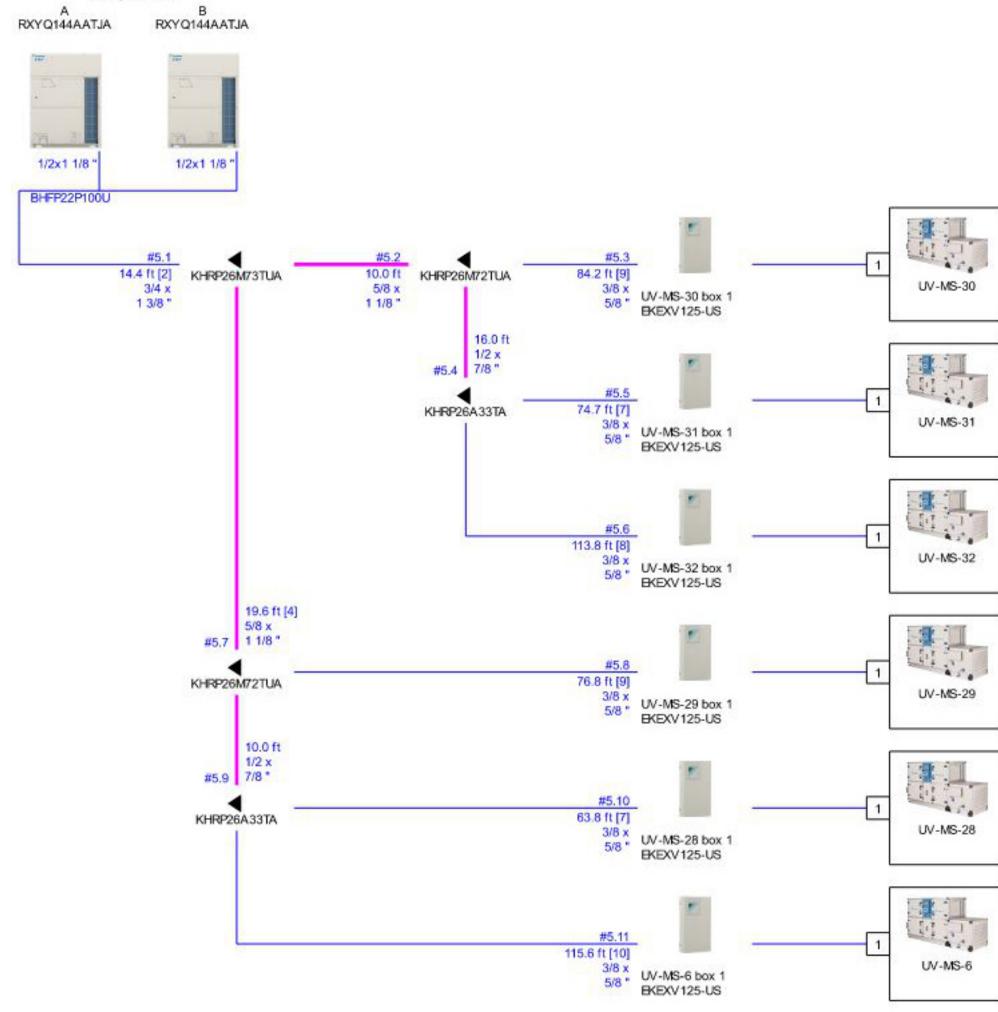
Refrigerant information

Refrigerant typ

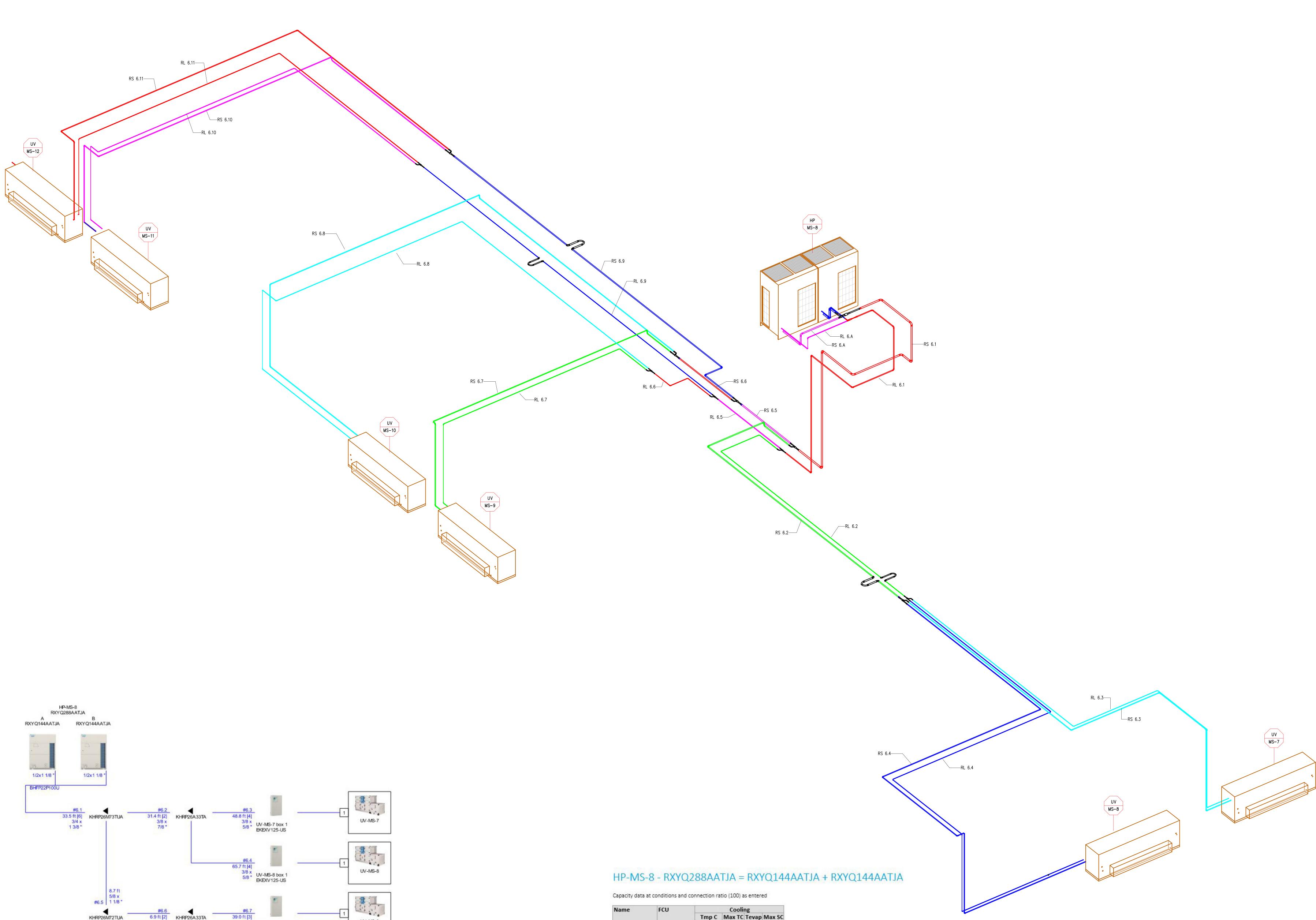
R410A

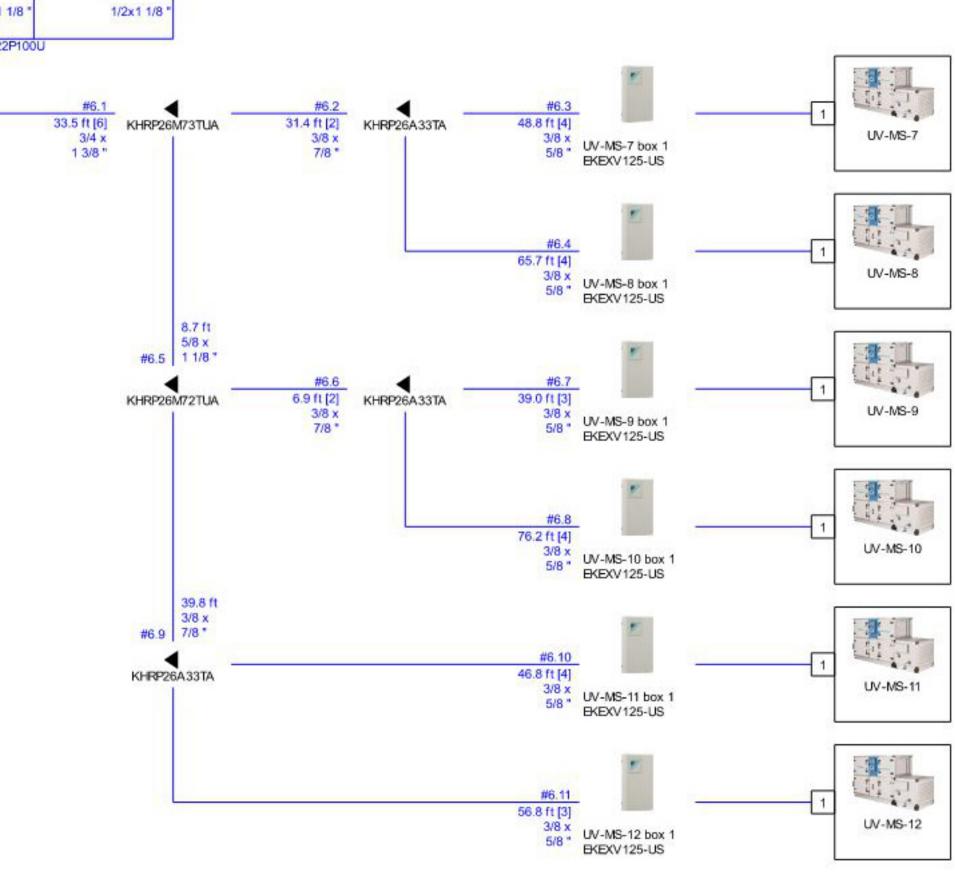
HP-MS-7 - RXYQ288AATJA = RXYQ144AATJA + RXYQ144AATJA

pe	GWP	Base charge Ibs	Extra charge Ibs	Total refrigerant charge lbs	Total CO2 equivalent tonnes
	2087.5	51.59	35.78*)	87.36	82.72



				ND S	 1099 Wall Street West, Suite 389 Lvndhurst, NJ 07071 		
	DRAWI	NG NOT	ES A	ND S	SYMB	OLS	
TRADE MECH PIPE MECH DETAILS HVAC PLUMBING ELECTRICAL STRUCTURAL	REI				INGS	DATE - - - - - -	RE\ - - - -
ARCHITECTURAL		OF TRA		OOI ATE		-	
SHEET METAL PLUMBER SPRINKLER ELECTRICIAN MECHANICAL CONT GENERAL CONT							
ENGINEER ELITE C/ ERRORS BASED OI	AD DESIGNS OR DELAYS N THE INFOR	SHALL NOT BE THAT MAY RE MATION PROV IENT IN TIME A	E LIABLE F SULT FRO 'IDED ON 1	OR ANY M DECIS 'HESE D	MISTAKES SIONS MAD RAWINGS	E BY THE	CLIENT
VERIFY TH	IAT LINE AE DATE	R AF	DNG, PRI De	NT MA'	HAVE B	SEEN RED	DUCEE
VERIFY TH REV 0 01	IAT LINE AE	BOVE IS 1" LO	DNG, PRI DE TED FC	NT MA' ESCR R API	HAVE B IPTION PROVAL	EEN RED	DUCEE
VERIFY TH REV 0 01 1 01 	IAT LINE AE DATE 1/18/2024 1/22/2024	BOVE IS 1" LO	DNG, PRI DE TED FC	NT MA' ESCR R API	HAVE B IPTION PROVAL	EEN RED	
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Name	FCU	Cooling						
		Tmp C	Max TC	Tevap	Max SC			
		°F (DBT/RH)	BTU/h	۴F	BTU/h			
UV-MS-10 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-11 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-12 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-7 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-8 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			
UV-MS-9 box 1	EKEXV125-US	n/a	52,547	42.8	n/a			

Name	FCU	He
		Tmp H
	6	°F
UV-MS-10 box 1	EKEXV125-US	n/a
UV-MS-11 box 1	EKEXV125-US	n/a
UV-MS-12 box 1	EKEXV125-US	n/a
UV-MS-7 box 1	EKEXV125-US	n/a
UV-MS-8 box 1	EKEXV125-US	n/a
UV-MS-9 box 1	EKEXV125-US	n/a

Name	FCU	Room	Sound	PS	MCA	MOP	WxHxD	Weight
			dBA		Α		inch	lbs
UV-MS-10 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-11 box 1	EKEXV125-US			12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-12 box 1	EKEXV125-US			12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-7 box 1	EKEXV125-US		- 27	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-8 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-9 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4

leating H Max HC

TU/h
n/a

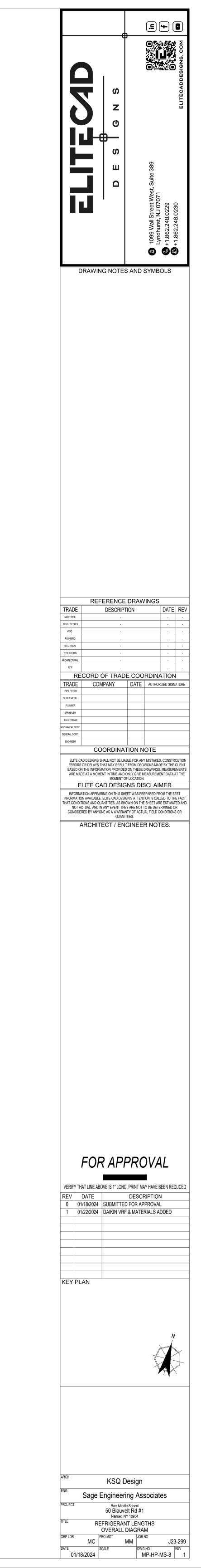
HP-MS-8 - RXYQ288AATJA = RXYQ144AATJA + RXYQ144AATJA

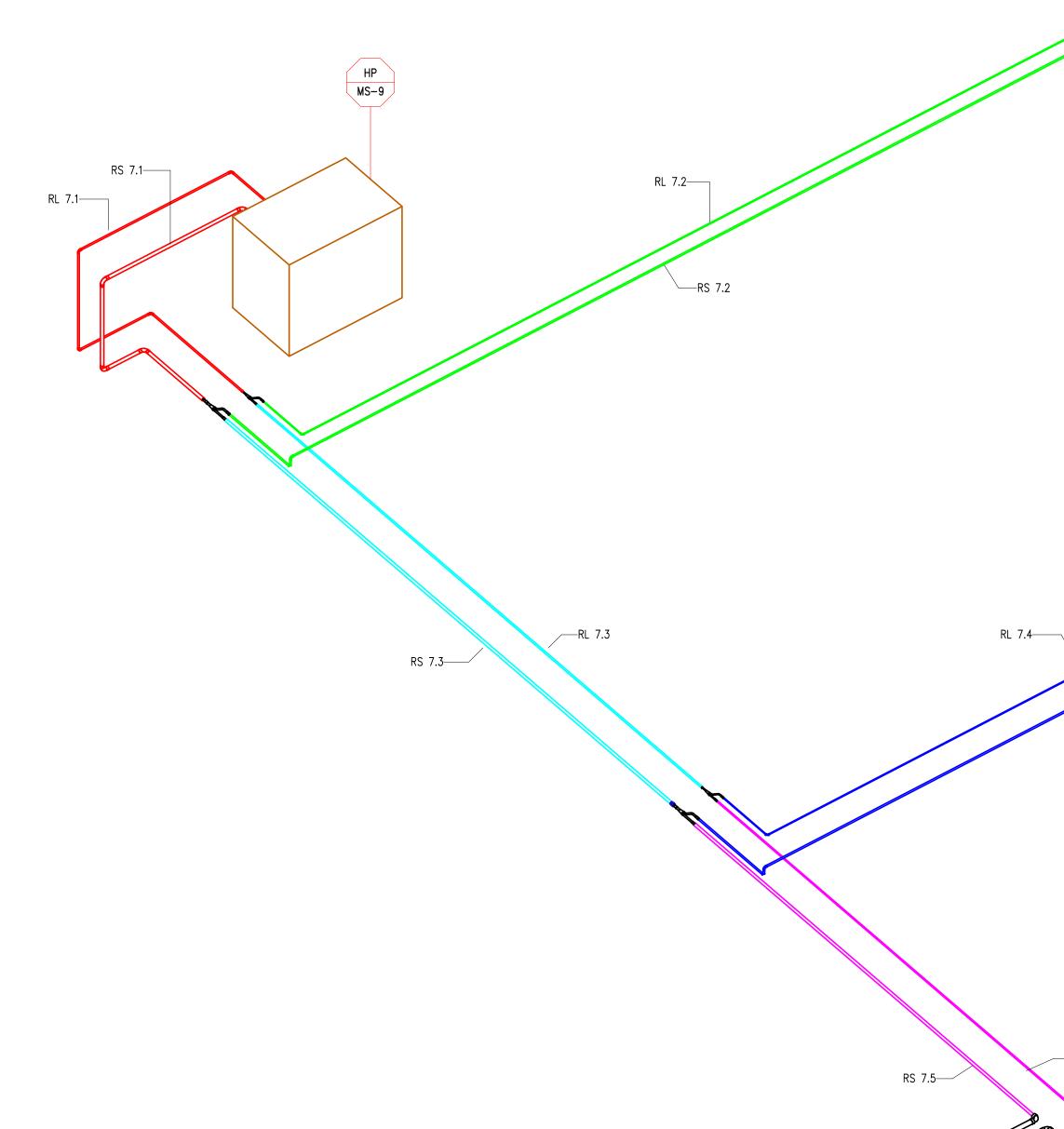
Model	Quantity	Description
RXYQ144AATJA	2	VRV EMERION (208-230V) (VRV EMERION (208-230V))
EKEXV125-US	6	AHU INTEGRATION VALVE KIT
KHRP26A33TA	3	Refnet branch piping kit
KHRP26M72TUA	1	Refnet branch piping kit
KHRP26M73TUA	1	Refnet branch piping kit
BHFP22P100U	1	Outdoor Multi Connection Pipe Kit - VRV P Series HP (Obsolete)
BRC1E73	6	new Navigation Remote Controller
EKEQMCBAV3-US	6	AHU Kit Z-Control box

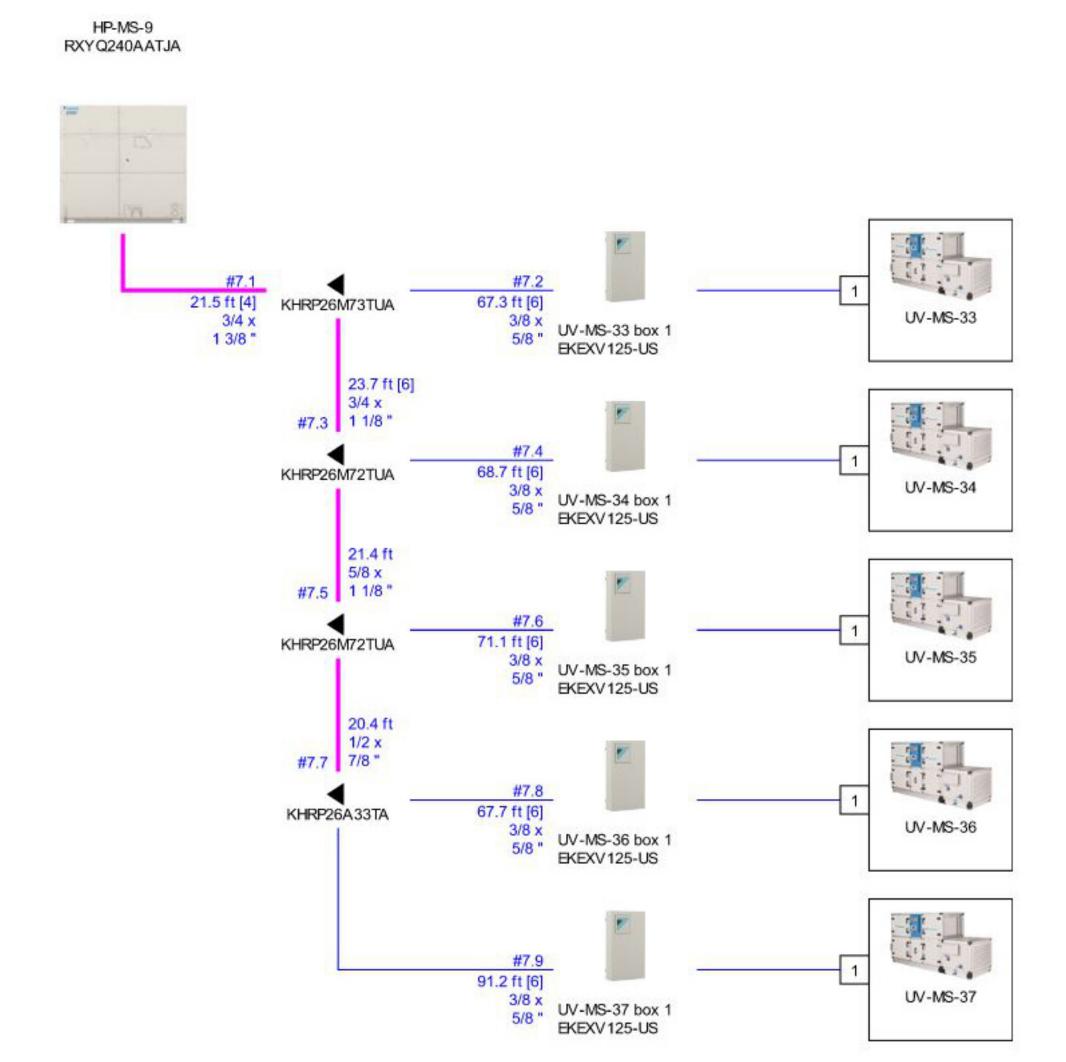
Piping	Liquid	Suction	Total ft	
	ft	ft		
3/8"	411.4	0.0	411.4	
5/8"	8.7	333.3	342.0	
3/4"	33.5	0.0	33.5	
7/8"	0.0	78.1	78.1	
1 1/8"	0.0	8.7	8.7	
1 3/8"	0.0	33.5	33.5	

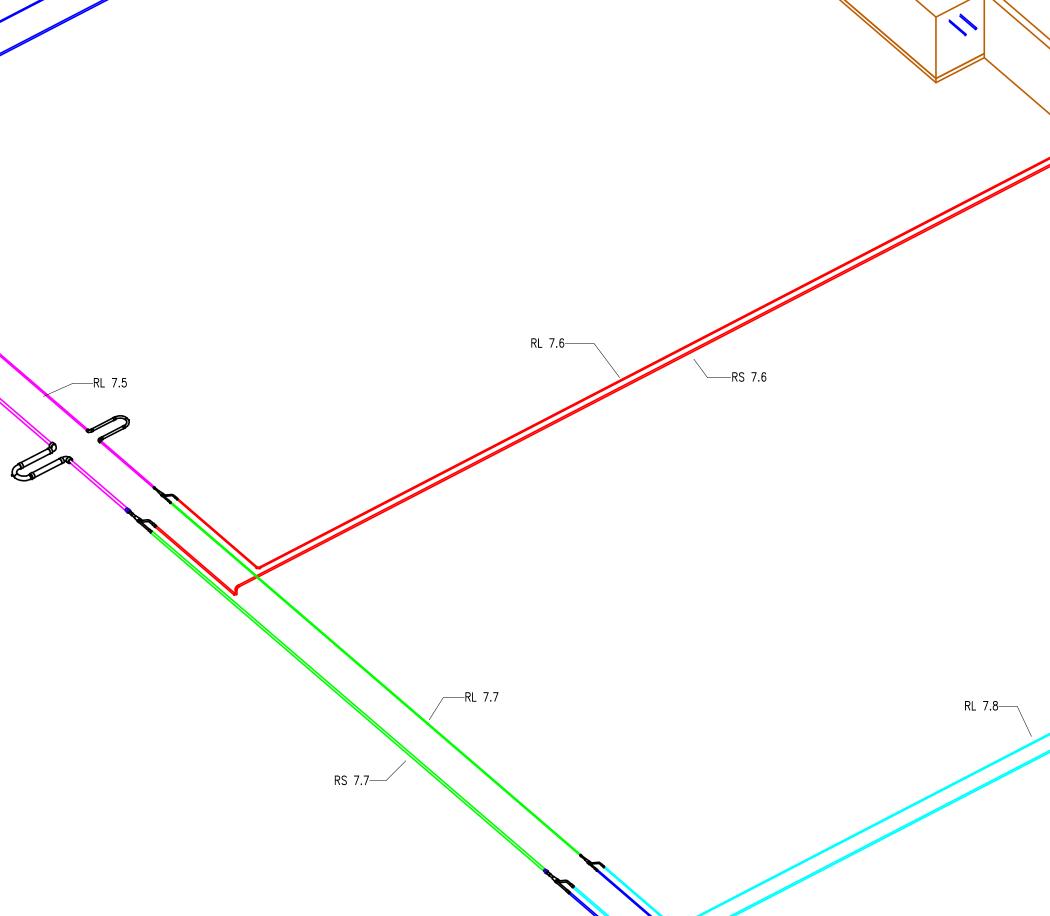
Refrigerant information

Refrigerant type	GWP	Base charge Ibs	Extra charge Ibs	Total refrigerant charge lbs	Total CO2 equivalent tonnes
R410A	2087.5	51.59	29.83*)	81.42	77.09









UV MS-33

HP-MS-9 - RXYQ240AATJA

Capacity data at conditions and connection ratio (100) as entered

Name	FCU		Cooli	ng	
		Tmp C	Max TC	Tevap	Max SC
		°F (DBT/RH)	BTU/h	۴F	BTU/h
UV-MS-33 box 1	EKEXV125-US	n/a	52,547	42.8	n/a
UV-MS-34 box 1	EKEXV125-US	n/a	52,547	42.8	n/a
UV-MS-35 box 1	EKEXV125-US	n/a	52,547	42.8	n/a
UV-MS-36 box 1	EKEXV125-US	n/a	52,547	42.8	n/a
UV-MS-37 box 1	EKEXV125-US	n/a	52,547	42.8	n/a

Name	FCU	He	ating
		Tmp H	Max HC
	2	۴F	BTU/h
UV-MS-33 box 1	EKEXV125-US	n/a	n/a
UV-MS-34 box 1	EKEXV125-US	n/a	n/a
UV-MS-35 box 1	EKEXV125-US	n/a	n/a
UV-MS-36 box 1	EKEXV125-US	n/a	n/a
UV-MS-37 box 1	EKEXV125-US	n/a	n/a

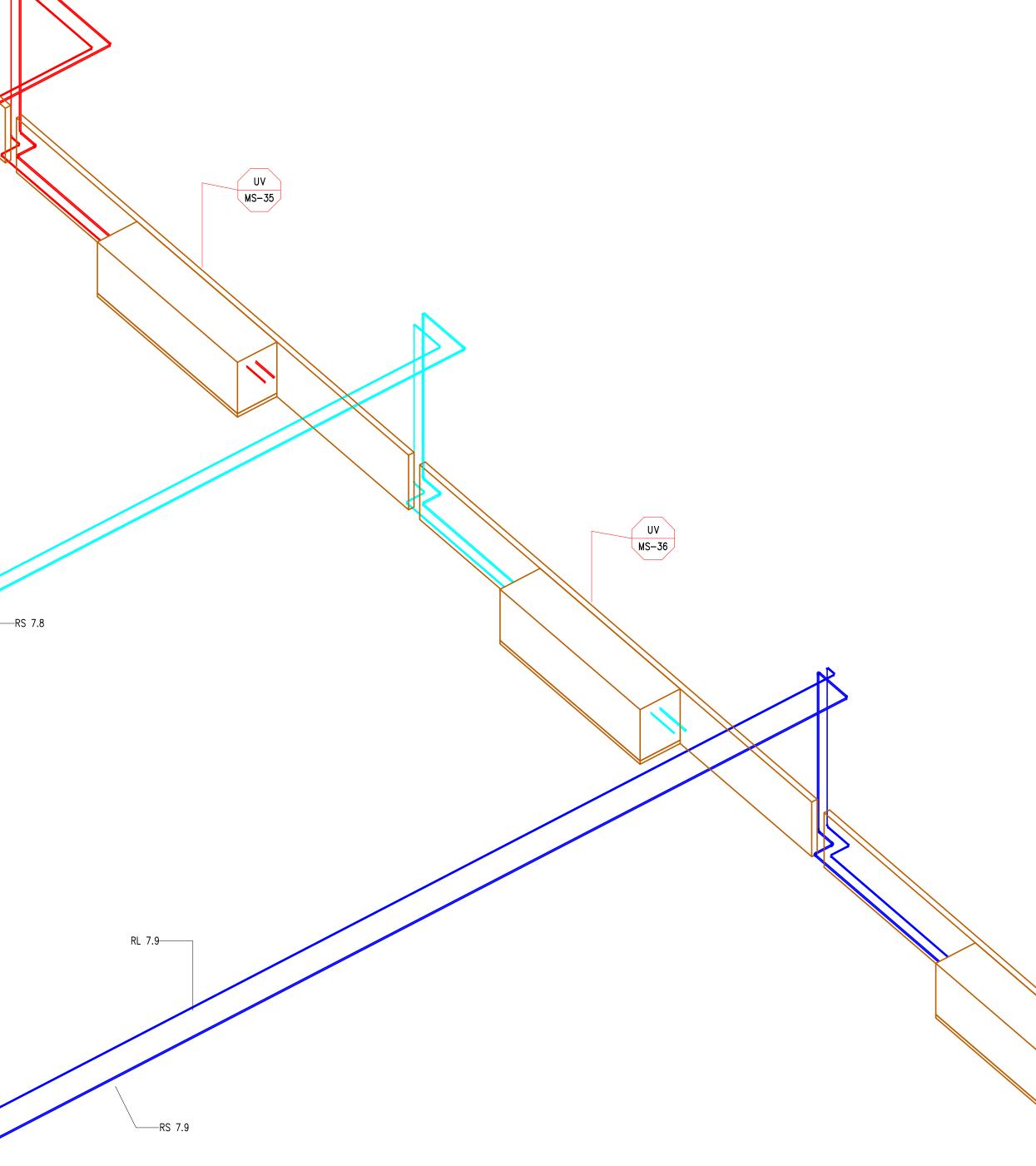
Name	FCU	Room	Sound	PS	MCA	MOP	WxHxD	Weight
			dBA		Α		inch	lbs
UV-MS-33 box 1	EKEXV125-US		-	12 1ph			8.5 x 15.8 x 3.1	6.4
UV-MS-34 box 1	EKEXV125-US		10.70	12 1ph		3	8.5 x 15.8 x 3.1	6.4
UV-MS-35 box 1	EKEXV125-US			12 1ph			8.5 x 15.8 x 3.1	6.4

UV MS-34

Model	Quantity	Description
RXYQ240AATJA	1	VRV EMERION (208-230V) (VRV EMERION (208-230V)
EKEXV125-US	5	AHU INTEGRATION VALVE KIT
KHRP26A33TA	1	Refnet branch piping kit
KHRP26M72TUA	2	Refnet branch piping kit
KHRP26M73TUA	1	Refnet branch piping kit
BRC1E73	5	new Navigation Remote Controller
EKEQMCBAV3-US	5	AHU Kit Z-Control box

Pi	
3	
1	
5	
3	
1	
1	

Refrige R410A



HP-MS-9 - RXYQ240AATJA

Piping	Liquid	Suction	Total	
	ft	ft	ft	
3/8"	366.0	0.0	366.0	
1/2"	20.4	0.0	20.4	
5/8"	21.4	366.0	387.4	
5/8" 3/4"	45.2	0.0	45.2	
1"	0.0	20.4	20.4	
1 1/4"	0.0	45.1	45.1	
1 3/8"	0.0	21.5	21.5	

Refrigerant information

gerant type	GWP	Base charge Ibs	Extra charge Ibs	Total refrigerant charge lbs	Total CO2 equivalent tonnes
)A	2087.5	25.79	45.60*)	71.39	67.60

MECH PIPE - - - MECH DETAILS - - - HVAC - - - HVAC - - - PLUMBING - - - ELECTRICAL - - - STRUCTURAL - - - ARCHTECTURAL - - - RCP - - - RCP - - - RECORD OF TRADE COORDINATION TRADE - RECORD OF TRADE COORDINATION - - TRADE COMPANY DATE AUTHORIZED SIGNATURE PIPE HITER - - - SHEET METAL - - - PLUMBER - - - SHEER - - - BARINKLER - - - ELECTRICIAN - - - MECHANICAL CONT - - - GENERAL CONT - - -	TRADE DESCRIPTION DATE REV MECH PIPE - - - - MECH DETAILS - - - - HVAC - - - - PLUMBING - - - - STRUCTURAL - - - - ARCHTECTURAL - - - - RCP - - - - - RECORD OF TRADE COORDINATION TRADE AUTHORIZED SIGNATURE - PIPE FITTER - - - - - SHEET METAL - - - - - - PIPE FITTER - - - - - - - - - - - - - -	TRADE DESCRIPTION DATE REV MECH PPE - - - - MECH DETAILS - - - - HVAC - - - - - HVAC - - - - - - HVAC - <th>TRADE DESCRIPTION DATE REV MECH PIPE - <</th> <th>TRADE DESCRIPTION DATE REPORT MEDITALINA -</th> <th>TRADE DESCRIPTION DATE No. INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION RECORD OF TRADE COORDINATION TRADE INTERNATION INTERNATION INTERNATION INTERNATION</th> <th></th> <th></th> <th></th> <th></th> <th> 1099 Wall Street West, Suite 389 Lyndhurst, NJ 07071 +1.862.248.0229 </th> <th>•</th>	TRADE DESCRIPTION DATE REV MECH PIPE - <	TRADE DESCRIPTION DATE REPORT MEDITALINA -	TRADE DESCRIPTION DATE No. INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION RECORD OF TRADE COORDINATION TRADE INTERNATION INTERNATION INTERNATION INTERNATION					 1099 Wall Street West, Suite 389 Lyndhurst, NJ 07071 +1.862.248.0229 	•
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COORDINATION NOTE ELITE CAD DESIGNS SHALL NOT BE LIABLE FOR ANY MISTAKES, CONSTRUITION ERRORS OR DELAYS THAT MAY RESULT FROM DECISIONS MADE BY THE CLIENT BASED ON THE INFORMATION PROVIDED ON THESE DRAWINGS. MEASUREMENT ARE MADE AT A MOMENT IN TIME AND ONLY GIVE MEASUREMENT DATA AT THE MOMENT OF LOCATION. ELITE CAD DESIGNS DISCLAIMER INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST THAT CONDITIONS AND QUANTITIES, AS SHOWN ON THE SHEET ARE ESTIMATED AN NOT ACTUAL, AND IN ANY EVENT THEY ARE NOT TO BE DETERMINED OR CONSIDERED BY ANYONE AS A WARRANTY OF ACTUAL FIELD CONDITIONS OR QUANTITIES.	COORDINATION NOTE ELITE CAD DESIGNS SHALL NOT BE LIABLE FOR ANY MISTAKES, CONSTRUITION ERRORS OR DELAYS THAT MAY RESULT FROM DECISIONS MADE BY THE CLIENT BASED ON THE INFORMATION PROVIDED ON THESE DRAWINGS. MEASUREMENT ARE MADE AT A MOMENT IN TIME AND ONLY GIVE MEASUREMENT DATA AT THE MOMENT OF LOCATION. ELITE CAD DESIGNS DISCLAIMER INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST THAT CONDITIONS AND QUANTITIES, AS SHOWN ON THE SHEET ARE ESTIMATED AN NOT ACTUAL, AND IN ANY EVENT THEY ARE NOT TO BE DETERMINED OR CONSIDERED BY ANYONE AS A WARRANTY OF ACTUAL FIELD CONDITIONS OR QUANTITIES.	COORDINATION NOTE ELITE CAD DESIGNS SHALL NOT BE LIABLE FOR ANY MISTAKES, CONSTRUCTION ERRORS OR DELAYS THAT MAY RESULT FROM DECISIONS MADE BY THE CLIENT BASED ON THE INFORMATION PROVIDED ON THESE DRAWINGS. MEASUREMENTS ARE MADE AT A MOMENT IN TIME AND ONLY GIVE MEASUREMENT DATA AT THE MOMENT OF LOCATION. ELITE CAD DESIGNS DISCLAIMER INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION AVAILABLE. ELITE CAD DESIGN'S ATTENTION IS CALLED TO THE FACT THAT CONDITIONS AND QUANTITIES, AS SHOWN ON THE SHEET ARE ESTIMATED ANI NOT ACTUAL, AND IN ANY EVENT THEY ARE NOT TO BE DETERMINED OR CONSIDERED BY ANYONE AS A WARRANTY OF ACTUAL FIELD CONDITIONS OR QUANTITIES.	LUTE CAD DESIGNS SHALL NOT BE LIABLE FOR ANY MISTAGES, CONSTRUCTION BREED ON THE WYORMATION PROVIDED ON THESE DRAWINGS, MEASUREMENTS ARE MADE AT A NOMEN'T I'ME AND ON'T OF LOCATION I'MENTON APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET WAS PREPARED FROM THE BEST INFORMATION APPEARING ON THIS SHEET MED TO BE DETERMINED OR CONSIDERED BY ANYONE AS A WARRAWTY OF ACTUAL FIELD CONDITIONS OR QUANTITES. ARCHITECT / ENGINEER NOTES:	COORDINATION NOTE ELITE CAD DESIGNS SHALL NOT BE LIABLE FOR AWY MISTAKES, CONSTRUCTION BROOKS OR DELAYS THAT WAY RESULT FROM DECISIONS MADE BY THE CLEMP ARE MADE AT A MORENT IN THE AND ONLY ONE MEASUREMENT DATA AT THE MORENT OF LOCATION. ELITE CAD DESIGNS DISCLAIMER INFORMATION APPEARING ON THIS SHEET WAS REPARED FROM THE BEST MIRE MADE AT A MORENT OF LOCATION. MICTORMATION APPEARING ON THIS SHEET WAS REPARED FROM THE BEST MIRE MADE AT A MORENT OF LOCATION. INFORMATION APPEARING ON THIS SHEET WAS REPARED FROM THE BEST MIRE MADE AT A MORENT OF LOCATION IS CALED TO BE DETERMINED OR CONSIDERED BY ANYONE AS A WARRANTY OF ACTUAL FIELD CONDITIONS OR QUANTITES. INFORMATION APPEARING ON THE SHEET THEY ARE MORENT OF ACTUAL FIELD CONDITIONS AND QUANTITES. ARCHITECT / ENGINEER NOTES:	COORDINATION NOTE ELECTOR DISSIONE SHALL NOT BE LIVER FOR ANY METANES CONSTRUCTIONS BADE ON THE INFORMATION PROVIDEO ON INTEGE DEVENUES DEFENSIONED ANA THE BADE ON THE INFORMATION PROVIDEO ON INTEGE DEVENUES DESCLATATES INFORMATION PROVIDEO ON INTEGE DEVENUES DESCLATATES INFORMATION PROVIDEO ON INTEGE DEVENUES DESCLATATES INFORMATION PROVIDEO ON INTEGE DEVENUES DE CONTINUE ON ONE SA DEVENUES ANTERNO DE CONTINUE ONE CONTINUE ON ONE SA DEVENUES ANTERNO DE CONTINUE ONE SA DEVENUES ANTERNO DE CONTINUE ON ONE SA DEVENUES ANTERNO DE CONTINUE ONE SA DEVENUES ANTERNO DE CONTINUE ONE SA DEVENUES ANTERNO DE CONTINUES ANTERNO DE CONTI	STRUCTURAL ARCHTECTURA RCP PIPE FITTER PIPE FITTER SHEET METAL PLUMBER SPRINKLER ELECTRICIAN MECHANICAL COI		OF TRAD		RDINATIO	- - - - N
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ARCH KSQ Design	ARCH KSQ Design	REV DATE DESCRIPTION 0 01/18/2024 SUBMITTED FOR APPROVAL 1 01/22/2024 DAIKIN VRF & MATERIALS ADDED Image: Contract of the state	ARCH KSQ Design	ARCH KSQ Design	GRP LDR PRO MGT JOB NO	REV 0 1 1 1 1 1 1 1 1 1 1 1 1 1	THAT LINE AB DATE 01/18/2024 01/22/2024 2 2 2 2 2 2 2 2 2 4 3 3 3 3 3 3 3 3 3	VE IS 1" LONG	, PRINT M/ DESCF) FOR AF & MATE	AY HAVE BEEN RIPTION PROVAL RIALS ADDE	

