FILE NAME: J:\--Documents\Fire Station #10\Drawings\Current Drawings\M102-Schedules & Details.dwg PLOT DATE & TIME: Wednesday, November 5, 2025 10:09:22 AM

MIN-SPLIT SCHEDULE

AIR HANDLER							HEAT PUMP							
Tag	Make	Model	Cooling (MBH)	Heating (MBH)	Power VAC	Power PH	Tag	Make/Model	Model	Cooling (MBH)	Power VAC	Power PH	MCA	Remarks
MS-1A	Mitsubishi	SLZ-AF09NL	9	11	208	1	HP-1	Mitsubishi	MXZ-3D24NL	24	208	1	28.7	1, 2
MS-1B	Mitsubishi	SLZ-AF09NL	9	11	208	1								
MS-1C	Mitsubishi	SLZ-AF09NL	9	11	208	1								
MS-2A	Mitsubishi	MSZ-GX09NL	9	9.0	208	1	HP-2	Mitsubishi	MXZ-2D20NL	22	208	1	21.7	1, 3
MS-2B	Mitsubishi	MSZ-GX09NL	9	9.0	208	1								

NOTES:
1. Install per Manufacturer's recommendations
2. Furnish with wired MA wall mount contrioller, matching grille and condensate pump.
3. Furnish with MHK-2 wireless controller and condensate pump.

DX SPLIT SYSTEM SCHEDULE

AIR HANDLER														HEAT PUMP								
TAG	MAKE	MODEL	NOMINAL TONS	TOTAL CFM	O/A CFM	REQ'D COOLING TMBH	REQ'D COOLING SBH	Motor HP	ESP (" WC)	HEAT (Kw)	POWER VAC	POWER PH	POWER MCA	TAG	NOMINAL TONS	MAKE	MODEL	POWER VAC	POWER PH	POWER MCA	REMARKS
AHU-1	Trane	TAMXB0C60	5	2000	300	60.6	40.2	1	0.3	7.2	208	1	34	HP-1	5	Trane	4TWV0X60	208	1	37	1, 2

NOTES:
1. Provide inlet filter box, single point power connection, expansion valve, time delay relay, condensate overflow switch & programmable 7/24 thermostat.
2. Cooling capacities to be rated in accordance with AHRI standard 210/290 for ASHRAE standard design weather conditions in New Orleans, LA.

Exhaust Fan Schedule

Tag	Fan Airflow (CFM)	Fan TSP (" wc)	Fan Amps	Fan Watts	Power Volts	Power Phase	Power Hz	Make / Model	Remarks
EF-1	330	0.3		100	120	1	60	Loren Cook GN-542	1, 2, 3
EF-2	70	0.2	0.4		120	1	60	Broan A80	1,2
EF-3	70	0.2	0.4		120	1	60	Broan A80	1,2
EF-4	160	0.2	1.5		120	1	60	Broan 503	1,2
EF-5	220	0.3		90	120	1	60	Loren Cook GC-186	1, 2, 3

1. Install per Manufacturer's recommendations.
2. Furnish with matching grille, speed control and backdraft damper.
3. Furnish with time delay

503

NOT USED

2 DETAIL
SCALE: NTS

HEATER SCHEDULE

	BTU/H INPUT	BTU/H MIN. OUTPUT	BASIS OF DESIGN
TUBULAR GAS HEAT EXHANGER	125,000	100,000	* STERLING TF-125
ELECTRIC 2.5 KW HEATER		8,000	* TPI HF5705T

NOTES: * PROVIDE FIXTURE AS DESIGNED OR PRIOR APPROVED EQUAL.

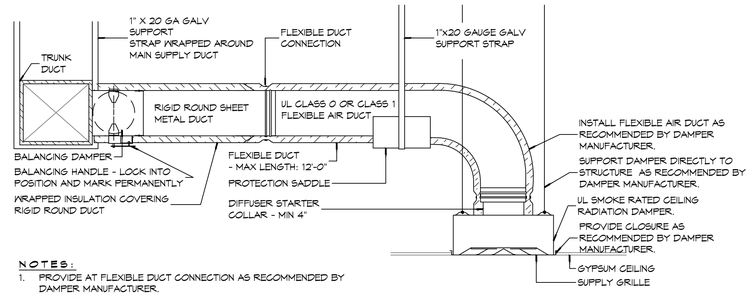
GENERAL HVAC NOTES

1. ALL MECHANICAL WORK SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES.
2. VERIFY ROUTING OF ALL WORK ON SITE.
3. HVAC CONTRACTOR REPLACE ALL EQUIPMENT FILTERS AT THE TIME OF POSSESSION OF THE PROJECT BY THE OWNER, USING ONLY NEW FILTERS OF THE PROPER SIZE AND TYPE.
4. CONTRACTOR SHALL LEAVE THE HVAC SYSTEM IN PROPER WORKING ORDER, AND SHALL GUARANTEE SAME FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION.
5. PROVIDE A MINIMUM 4" THICK LEVEL PRE-CAST CONCRETE PAD FOR PACKAGED UNITS AT GRADE. THE SIZE OF THE PRE-CAST PAD WILL BE REQUIRED TO ACCOMMODATE THE FOOT PRINT OF THE UNIT AND BE ACCEPTABLE FOR MOUNTING.
6. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR DIMENSIONED, INSTALL MECHANICAL SERVICES AND OVERHEAD EQUIPMENT TO PROVIDE THE MAXIMUM HEADROOM POSSIBLE.

EXHAUST FAN SCHEDULE

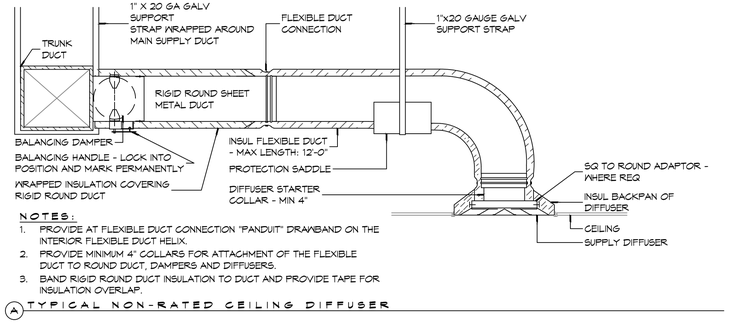
FAN NO.	CFM	VOLTAGE	TYPE	MFR/LOCATION
EXH-1	250	120	VENT	BROAN-L250 (See Note #1)
EXH-2	250	120	VENT	BROAN-L250
EXH-3	110	120	VENT/LIGHT	BROAN-XB110L
NOT USED	NOT USED	NOT USED	NOT USED	NOT USED
EXH-5	250	120	VENT	BROAN - L250MG
EXH-6	110	120	VENT/LIGHT/ HEAT	BROAN - QTX110HL
EXH-7	7,000	240	VENT	TPI IE24-3/4 INDUSTRIAL BELT DRIVE W/ SHUTTER
EXH-8	540	120	VENT	TPI CE 10-DS SHUTTER MOUNTED DIRECT DRIVE
EXH-9	460	120	VENT	TPI CE 10-DS SHUTTER MOUNTED DIRECT DRIVE

NOTE:
1. ALL FANS INSTALLED IN RATED ASSEMBLIES SHALL BE EQUIPPED W/ APPROPRIATE FIRE DAMPER TO MATCH ASSEMBLY FIRE RATING.
2. PAINT ALL SHUTTERS AND EXTERIOR GRILLES TO COLOR SPECIFICATION BY ARCHITECT.
3. PROVIDE BIRDSCREENS ON ALL SHUTTERS AND EXTERIOR GRILLES.
4. PROVIDE BACK FLOW PREVENTER ON ALL EXHAUST SYSTEMS



NOTES:
1. PROVIDE AT FLEXIBLE DUCT CONNECTION AS RECOMMENDED BY DAMPER MANUFACTURER.
2. PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF THE FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.
3. BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

B TYPICAL FIRE/SMOKE RATED CEILING DIFFUSER



NOTES:
1. PROVIDE AT FLEXIBLE DUCT CONNECTION "PANDUIT" DRAWBAND ON THE INTERIOR FLEXIBLE DUCT HELIX.
2. PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF THE FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.
3. BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

A TYPICAL NON-RATED CEILING DIFFUSER

1 DETAIL
SCALE: NTS

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT No. 1
LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2025
DRAWN BY:	CKD
DATE:	11-5-2025
CHECKED BY:	BAM

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SHEET TITLE:
HVAC DETAILS AND SCHEDULES

DRAWING NUMBER:
M102

SHEET No: 33 of 35