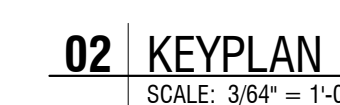




01 00 LEVEL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



02 | KEYPLAN

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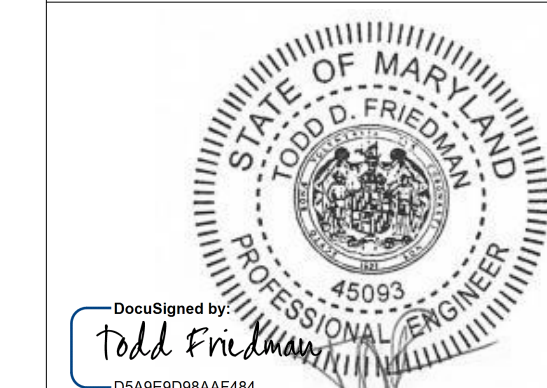
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[illegible]

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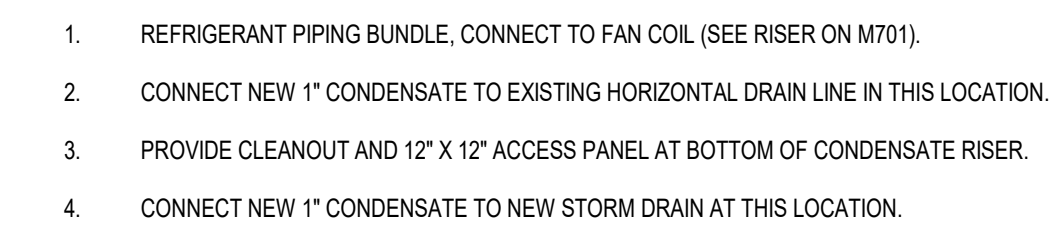
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DATE: 08/17/2025

SCALE: As indicated

MECHANICAL 00 LEVEL
DEMOLITION PLAN

M101



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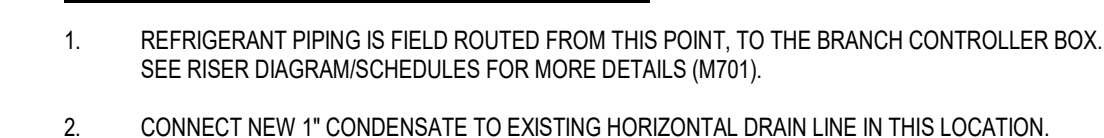
SCALE: As indicated

[illegible]MECHANICAL 00 LEVEL
NEW WORK PLAN

M201



SCALE: 3/64" = 1'-0"



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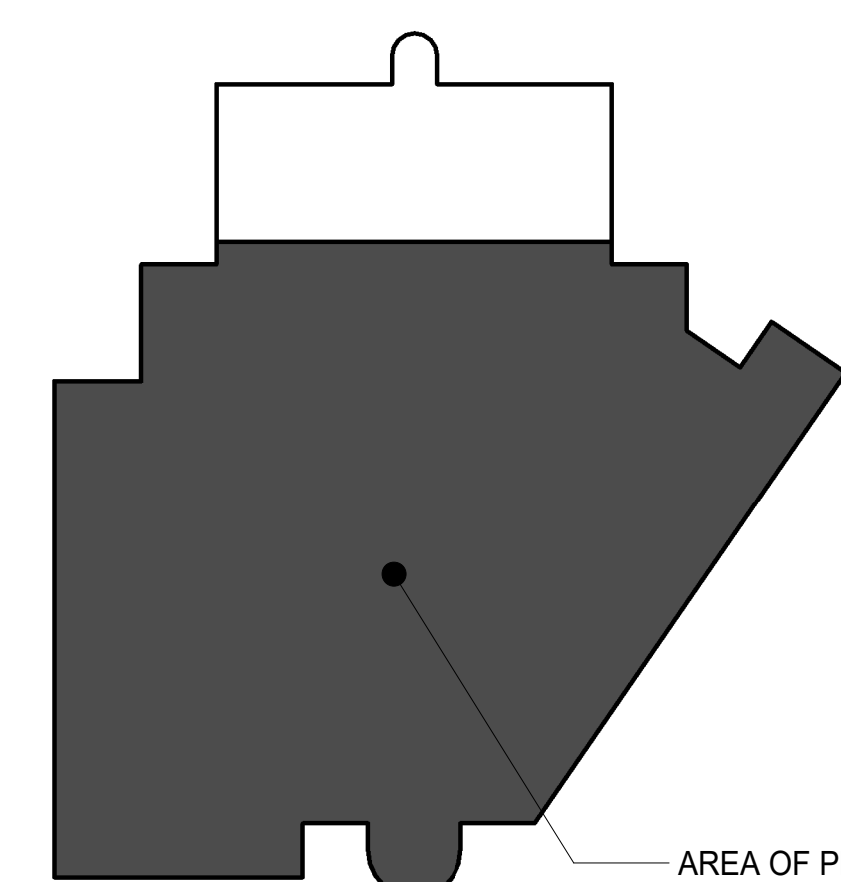
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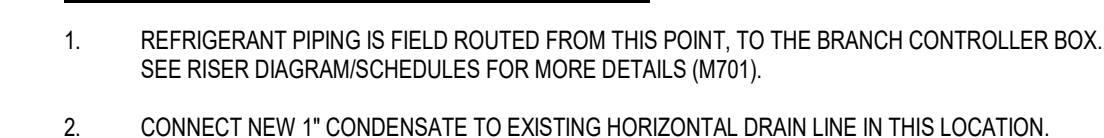
DATE: 08/17/2026

SCALE: As indicated

M202



02 | KEYPLAN



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SCALE: As indicated

M203



SCALE: 3/8" = 1'-0"

A. NOTES.



SCALE: 1/4" = 1'-0"

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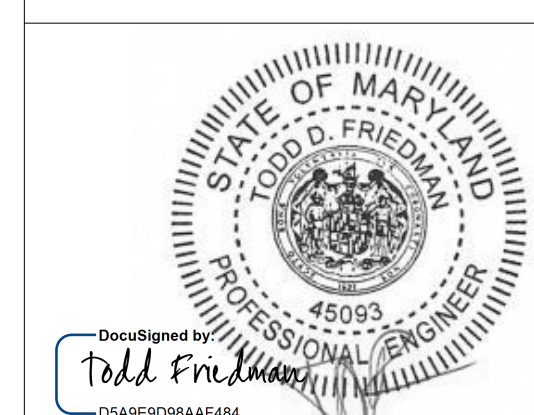
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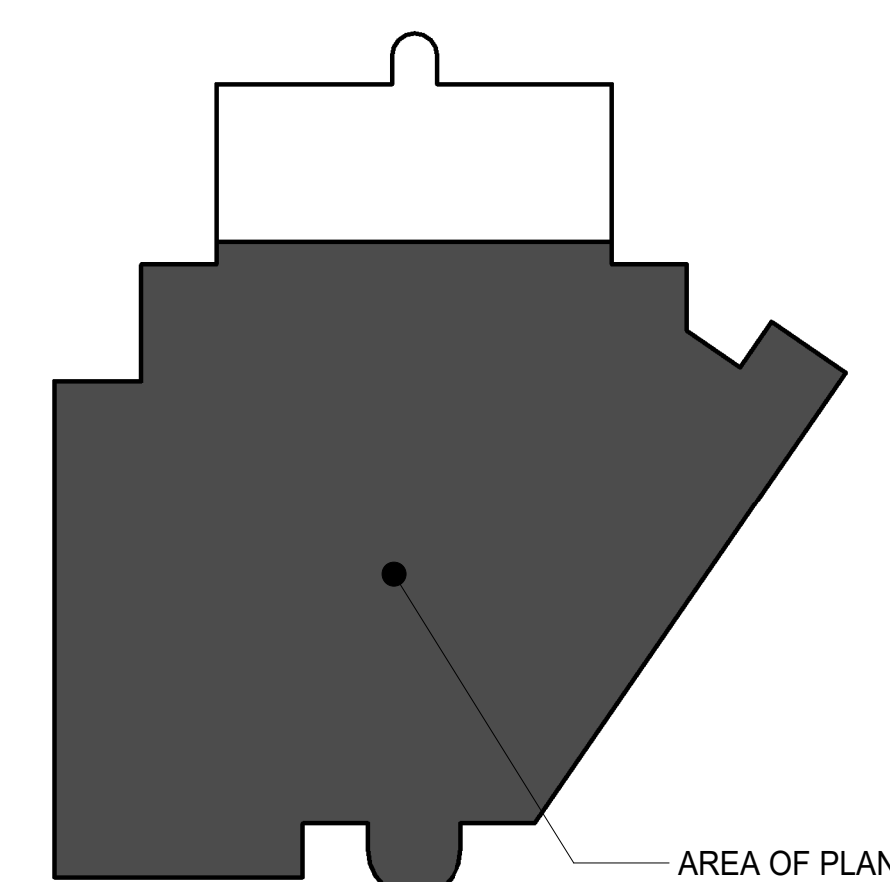


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SCALE: As indicated

M204



SCALE: 3/8" = 1'-0"

1 TYPICAL ROOF TOP CONDENSING UNIT MOUNTING DETAIL
SCALE: NONE

2 PIPING SUPPORT DETAIL

SCALE: NONE

3 REFRIGERANT PIPING ROOF CURB DETAIL

4 REFRIGERANT BUNDLE ROOF SUPPORT DETAIL
SCALE: NONE

5 RISER SUPPORT & FIRESTOPPING DETAIL
SCALE: NONE

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DATE: 08/17/2026

SCALE: **As indicated**

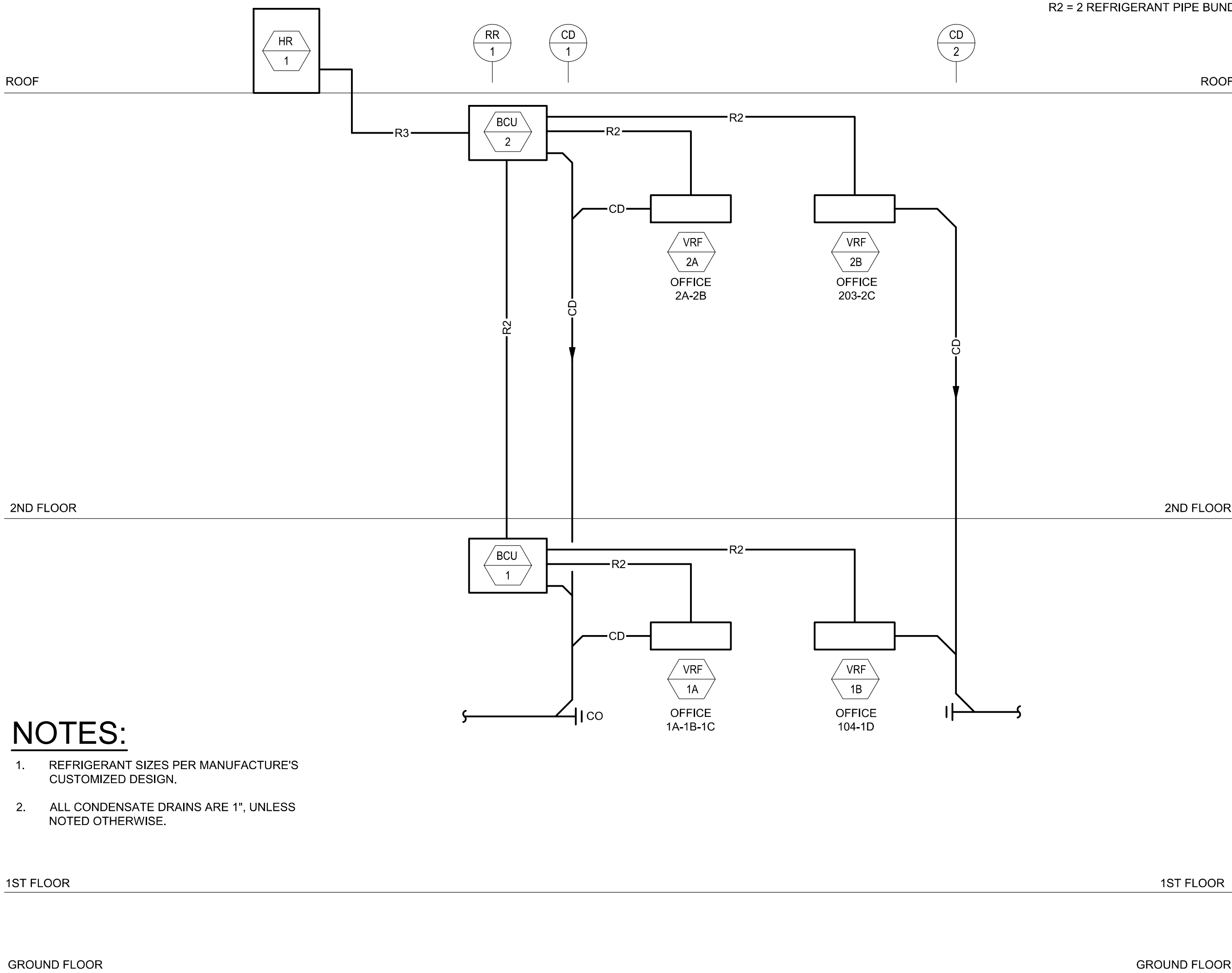
MECHANICAL DETAILS SHEET

M601

VARIABLE REFRIGERANT FLOW / HEAT RECOVERY

LEGEND:

R3 = 3 REFRIGERANT PIPE BUNDLE.
R2 = 2 REFRIGERANT PIPE BUNDLE.



NOTES:

- REFRIGERANT SIZES PER MANUFACTURE'S CUSTOMIZED DESIGN.
- ALL CONDENSATE DRAINS ARE 1", UNLESS NOTED OTHERWISE.

VRF HEAT RECOVERY HEAT PUMP SCHEDULE																						
TAG	ASSOCIATED INDOOR UNIT	EQUIPMENT LOCATION	GENERAL PERFORMANCE DATA					CONDENSING UNIT (OUTDOOR)												MITSUBISHI TRANE MODEL NUMBER, AS BASIS	NOTES	
			COOLING		HEATING		DESIGN DB TEMP	PHYSICAL DATA								ELECTRIC DATA						
			[MBH]	[MBH]	REFRIG. [TYPE]	APPLICATION		EER	COP	LENGTH [IN]	WIDTH [IN]	HEIGHT [IN]	WEIGHT [LBS]	V	PH	HZ	MCA	MOP	DISCONNECT BY			
HR-1	VRF-1A TO 1B & VRF-2A TO 2B	ROOF	72	80	R-32	95	24.4	4.35	36	30	70	604	208	3	60	40	60.0	DIV26	TURYEO723AMMOAN	ALL		
NOTES: 1. PROVIDE CONDENSING UNIT WITH MODULATING HOT GAS REHEAT VALVE, HEAD PRESSURE CONTROL, LOW AMBIENT COOLING DOWN TO 30 DEG.F. 2. MOUNT TO DRAINAGE MANUFACTURER'S SUPPLIED BRACKET/CUPS. PROVIDE NEOPRENE PADDING AT FASTENING POINTS.																						

VRF BRANCH CONTROLLER SCHEDULE																					
TAG	SERVICE	EQUIPMENT LOCATION	GENERAL PERFORMANCE DATA															MITSUBISHI TRANE MODEL NUMBER, AS BASIS	NOTES		
			CONNECTABLE CAPACITY RANGE (BTU/H)	NUMBER OF PORTS	REFRIG. [TYPE]	PHYSICAL DATA				ELECTRIC DATA											
						LENGTH [IN]	WIDTH [IN]	HEIGHT [IN]	WEIGHT [LBS]	V	PH	HZ	MCA	MOP	DISCONNECT BY						
BCU-1	HR-1	SEE PLANS	42,000	4	R-32	41.0	38.0	10	117	208	1	60	0.12	15.0	DIV 26	CMB-M104NU-MA-SV	ALL				
BCU-2	HR-1	SEE PLANS	21,000	4	R-32	41	38.0	10	95	208	1	60	0.07	15.0	DIV 26	CMB-M104NU-MB-SV	ALL				
NOTES: 1. MANUFACTURER / MODEL NUMBERS PROVIDED AS GENERIC DESIGN BASIS. ACTUAL UNITS MUST BE SPECIFICALLY-SELECTED BY MANUFACTURER'S REPRESENTATIVE & SUBMITTED FOR APPROVAL BEFORE PURCHASE.																					

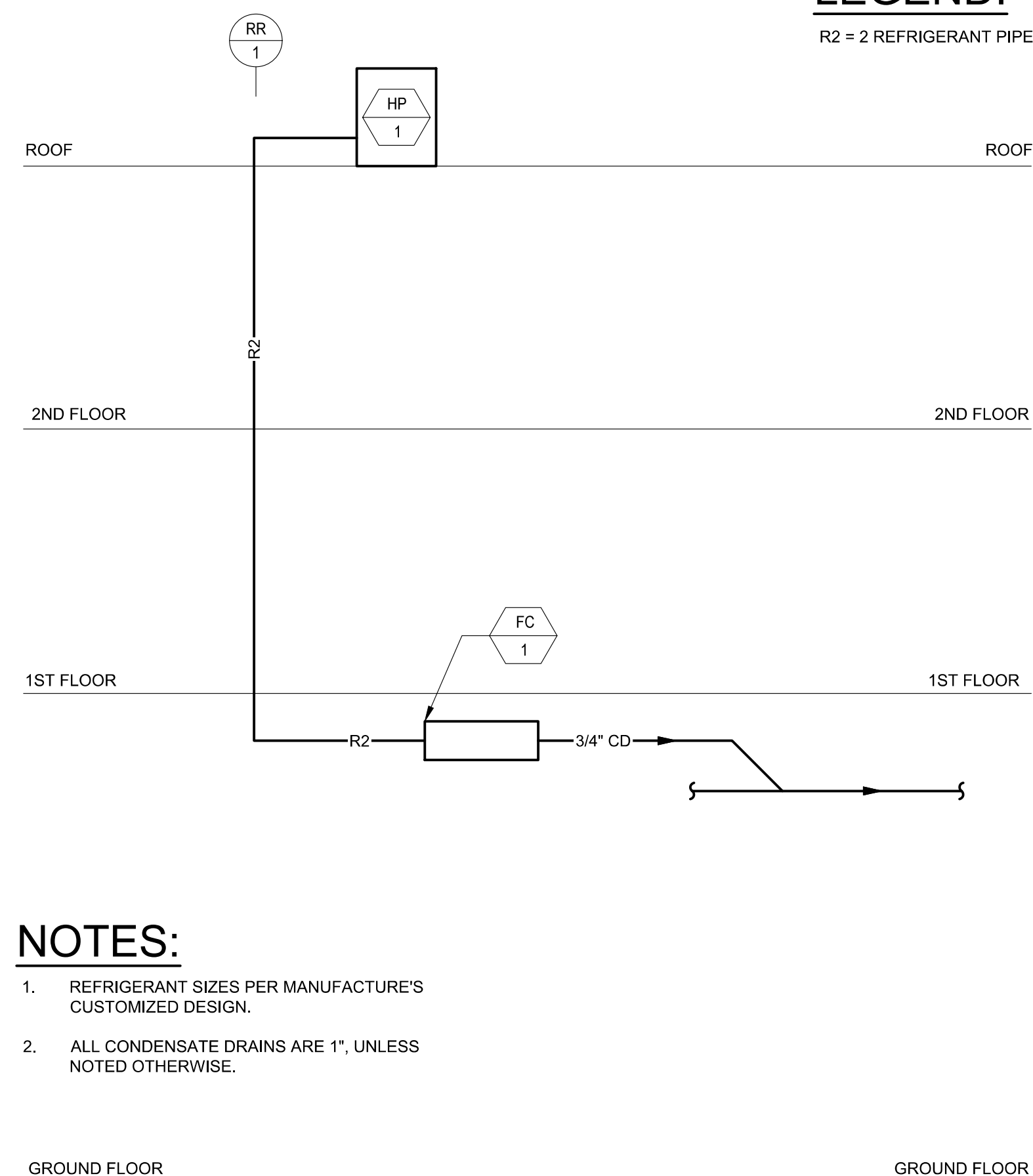
VRF INDOOR FANCOIL UNIT SCHEDULE																									
TAG	SERVICE	EQUIPMENT LOCATION	GENERAL PERFORMANCE DATA			VRF (INDOOR SECTION)														MITSUBISHI TRANE MODEL NUMBER, AS BASIS	NOTES				
			COOLING	HEATING	REFRIG.	TYPE	SUPPLY AIR FLOW	ESP	OA	COOLING TEMPS				PHYSICAL DATA				ELECTRIC DATA							
			NOMINAL [BTU/H]	NOMINAL [BTU/H]						ENTERING	LEAVING		HEATING ENTERING	LENGTH [IN]	WIDTH [IN]	HEIGHT [IN]	WEIGHT [LBS]	V	PH			HZ	MCA	DISCONNECT BY	
					[TYPE]		[CFM]	[IN.W.C.]	[CFM]	DB	WB	DB	WB	DB											
VRF-1A	OFFICE	OFFICE 1A-1B-1C	15,000	17,000	R-32	DUCTABLE (CEILING-HUNG)	494	0.6	50	78.4	64	52	-	70	35	29	10	57	208	1	60	1.12	DIV 26	TPEFFYP015M51M0A	ALL
VRF-1B	OFFICE	OFFICE 104-1D	6,000	6,700	R-32	DUCTABLE (CEILING-HUNG)	300	0.6	15	77.1	63.0	56.3	-	70	28	28	10	47	208	1	60	0.79	DIV 26	TPEFFYP006M51M0A	ALL
VRF-2A	OFFICE	OFFICE 2A-2B	18,000	20,000	R-32	DUCTABLE (CEILING-HUNG)	883	0.6	50	78.2	64.4	59.6	-	91	44	29	10	67	208	1	60	2.5	DIV 26	TPEFFYP018MA3M0A	ALL
VRF-2B	OFFICE	OFFICE 203-2C	6,000	6,700	R-32	DUCTABLE (CEILING-HUNG)	300	0.6	15	77.1	63.0	56.3	-	70	28	28	10	47	208	1	60	0.79	DIV 26	TPEFFYP006M51M0A	ALL
NOTES: 1. PROVIDE WITH 7 DAY PROGRAMMABLE ELECTRONIC THERMOSTAT, WITH MANUAL SEASONAL CHANGEOVER & OPTIMUM START CONTROLS. 2. CONNECT TO ASSOCIATED HEAT RECOVERY UNIT HR-A1. 3. MANUFACTURER / MODEL NUMBERS PROVIDED AS GENERIC DESIGN BASIS. ACTUAL UNITS MUST BE SPECIFICALLY-SELECTED BY MANUFACTURER'S REPRESENTATIVE & SUBMITTED FOR APPROVAL BEFORE PURCHASE. 4. PROVIDE WITH INTEGRAL CONDENSATE PUMP.																									

1 VRF HEAT PUMP SYSTEM

SCALE: NONE

LEGEND:

R2 = 2 REFRIGERANT PIPE BUNDLE.



NOTES:

- REFRIGERANT SIZES PER MANUFACTURE'S CUSTOMIZED DESIGN.
- ALL CONDENSATE DRAINS ARE 1", UNLESS NOTED OTHERWISE.

HVAC SPLIT SYSTEM SCHEDULE																													
TAG	SERVICE	EQUIPMENT LOCATION	GENERAL PERFORMANCE DATA			FAN COIL (INDOOR SECTION)							HEAT PUMP UNIT (OUTDOOR)													MITSUBISHI MODEL NUMBER, AS BASIS	NOTES		
			COOLING	HEATING (17F)	REFRIG.	TYPE	AIR FLOW	EX. STATIC PRESSURE	DIMENSIONS			ADDITIONAL DATA		DESIGN DB TEMP	EFFICIENCY			PHYSICAL DATA				ELECTRIC DATA							
			NOMINAL (BTU/H)	NOMINAL (BTU/H)					LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LBS)	FAN MOTOR (A)		SEER	HSPF	COP	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LBS)	V	PH	HZ	MCA			MOP	DISCONNECT BY
FC-1	STORAGE	STORAGE 004 (GROUND FLOOR)	6,000	9,000	R-454B	WALL MOUNTED	477	N/A	40	10	12	31.4	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MSZ-FX06NL	ALL
HP-1		ROOF	6,000	9,000	R-454B	-	-	-	-	-	-	-	-	95	35	13	4.88	32	12	29	89	208	1	60	12	15.0	DIVISION 26	MUZ-FX06NLHZ	ALL
NOTES: 1. PROVIDE 7 DAY PROGRAMMABLE T-STAT FOR ELECTRICAL HEAT PUMP. T-STATS SHALL BE HAND-HELD "WAND" TYPE THERMOSTAT. 2. THIS UNIT HAS NO AUXILIARY ELECTRIC STRIP HEAT. (UNIT IS "HYPER HEAT") 3. INDOOR UNITS ARE POWERED BY THE OUTDOOR UNIT. 4. PROVIDE WITH MIN MERV 8 FILTER. 5. UNIT SHALL BE VERIFIED TO HAVE LESS THAN 2% LEAKAGE PER ASHRAE 193. 6. MANUFACTURER / MODEL NUMBERS PROVIDED AS GENERIC DESIGN BASIS. ACTUAL UNITS MUST BE SPECIFICALLY-SELECTED BY MANUFACTURER'S REPRESENTATIVE & SUBMITTED FOR APPROVAL BEFORE PURCHASE. 7. PROVIDE WITH INTEGRAL CONDENSATE PUMP. 8. PROVIDE WITH INVERTER COMPRESSOR. 9. PROVIDE WITH AUXILIARY DRAIN PAN AND FLOAT SWITCH.																													

2 FC HEAT PUMP SYSTEM

SCALE: NONE

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NO.	ISSUE	DATE
1	SCHEMATIC DESIGN	12/02/2025
2	DESIGN DEVELOPMENT	01/09/2026
3	PERMIT SET	08/17/2026
4		
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MECHANICAL
SCHEDULE SHEET

M701

