

SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE

INDOOR UNIT DATA								OUTDOOR UNIT DATA										SYSTEM DATA				
TAG	LOCATION	TYPE	MCA	FLA	WEIGHT (LBS)	COOLING AIRFLOW DRY COIL (CFM)	DESIGN BASIS	TAG	LOCATION	WEIGHT (LBS)	REFRIGERANT	HEATING MODE OPERATING RANGE (°F)	COOLING MODE OPERATING RANGE (°F)	ELECTRICAL	MCA	MOCP	DESIGN BASIS	RATED COOLING CAPACITY AT 95°F (BTUH)	HEATING AT 47°F	HEATING AT 17°F	SEER	NOTES
IU-1	OFFICE 200	WALL MOUNT	1	0.19	28	265-310-385-455	TRANE TPKA0A0181LA00A	OU-1	ROOF	100	R410A	12 - 70	0 - 115	208/1	11	25	TRANE TRUZA0181KA70A	18,000	19,000	13,600	19.8	(1) (2)

1. PROVIDE QUICK-SLING MINI-SPLIT STAND FOR ROOF MOUNTED OUTDOOR UNIT.
2. PROVIDE TAR-CT01MAU-SB TOUCH MA CONTROLLER.

PANEL RADIATOR SCHEDULE

TAG	DIMENSIONS			BTU OUTPUT			DESIGN BASIS		NOTES
	HEIGHT	LENGTH	DEPTH	180°F	160°F	140°F	BUDERUS MODEL 21 (PART NUMBER)	BUDERUS MODEL 22 (PART NUMBER)	
RAD-1	24	48	4	8139	6092	4218	-	7-750-103-612	(1) (2)
RAD-2	24	48	4	8139	6092	4218	-	7-750-103-612	(1) (2)
RAD-3	24	36	2.5	4706	3526	2443	7-750-103-309	-	(1) (2)

1. PROVIDE ISOLATION VALVES AT RADIATOR SUPPLY AND RETURN CONNECTION.
2. PROVIDE DANFOSS THERMOSTATIC RADIATOR VALVE.

FAN SCHEDULE

TAG	SERVICE	TYPE	CFM	S.P. (IN. W.C.)	RPM	BHP	DRIVE	SONES	ELECTRICAL			MOTOR CONTROL	DESIGN BASIS	NOTES
									HP	WATTS	VOLTAGE	TYPE		
EF-1	BAY 3	ROOF DOWNBLAST	1792	0.375	1140	0.31	DIRECT	10.4	1/3	—	115	WALL SWITCH BY E.C.	GREENHECK G-140	(1)
EF-2	TOILET 109	REMOTE INLINE	108	0.30	1596	—	DIRECT	—	—	25.6	115	WALL SWITCH BY E.C.	PANASONIC FV-10NLF1E	
EF-3	SHOWER 107	REMOTE INLINE	108	0.30	1596	—	DIRECT	—	—	25.6	115	WALL SWITCH BY E.C.	PANASONIC FV-10NLF1E	

1. PROVIDE 14" ROOF CURB WITH BACKDRAFT DAMPER.

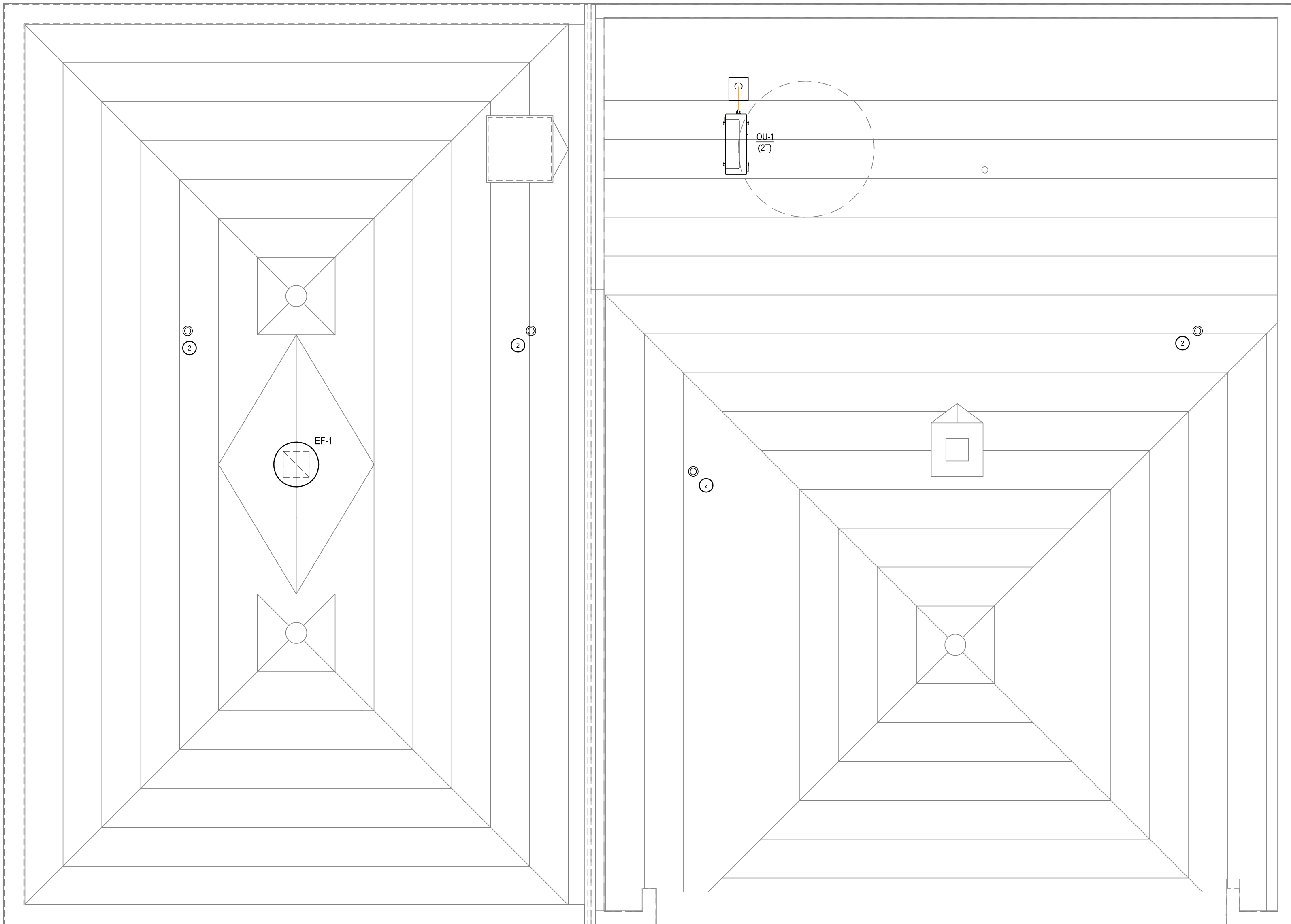
GAS-FIRED UNIT HEATER SCHEDULE

TAG	HEATING CAPACITY			VENT DIA. (IN)	COMBUSTION INLET DIA. (IN)	WEIGHT	FAN DATA					ELECTRICAL DATA			DESIGN BASIS	NOTES
	FUEL	INPUT (MBH)	OUTPUT (MBH)				TYPE	SIZE	HP	AIRFLOW (CFM)		VOLTAGE	MOCP	UNIT FLA		
										MAX	MIN					
UH-1	NATURAL GAS	60	49.2	4	4	103	BLOWER	9x6	1/3	1012	607	115	15	7.1	REZNOR UBZ-60	(1) (2) (3) (4) (5)
UH-2	NATURAL GAS	60	49.2	4	4	103	BLOWER	9x6	1/3	1012	607	115	15	7.1	REZNOR UBZ-60	(1) (2) (3) (4) (5)
UH-3	NATURAL GAS	60	49.2	4	4	103	BLOWER	9x6	1/3	1012	607	115	15	7.1	REZNOR UBZ-60	(1) (2) (3) (4) (5)
UH-4	NATURAL GAS	60	49.2	4	4	103	BLOWER	9x6	1/3	1012	607	115	15	7.1	REZNOR UBZ-60	(1) (2) (3) (4) (5)

1. PROVIDE TYPE 409 STAINLESS STEEL HEAT EXCHANGERS.
2. VERTICAL COMBUSTION VENT KIT WITH CONCENTRIC ADAPTER.
3. INTEGRATED 60" DOWNTURN NOZZLES.
4. FACTORY DISCONNECT SWITCH.
5. 24VAC CONTROL TRANSFORMER AND SPACE THERMOSTAT.

GRILLE SCHEDULE

TAG	TYPE	DUCT SIZE	BLADE SPACING	BLADE TYPE	MOUNTING	BORDER STYLE	FASTENING	MATERIAL	FINISH	BLADE ORIENTATION	DESIGN BASIS
EG-A	EXHAUST GRILLE	8 x 8	1/2	45° FIXED	SURFACE	FILTER FRAME	CONCEALED BRACKET	ALUMINUM	WHITE	NA	PRICE 635



DRAWING NOTES

1. NATURAL GAS-FIRED UNIT HEATER, SEPARATED COMBUSTION, 45 MBH INPUT CAPACITY, AXIAL FAN, 120 VAC, 2.4 FLA, 4" VENT, 4" COMBUSTION AIR INLET; REZNOR UDZ45 OR EQUAL.
2. PROVIDE CONCENTRIC ADAPTER BOX FOR VERTICAL VENT/INTAKE ASSEMBLY. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
3. 36 x 30 LOUVER ABOVE DOOR WITH LOW LEAKAGE DAMPER AND 120VAC ACTUATOR.
4. REFRIGERANT LINE SET, POWER AND CONTROL WIRING UP THROUGH ROOF TO OUTDOOR UNIT. SEE ROOF PLAN FOR CONTINUATION.
5. 3/4" SCHEDULE 80 PVC CONDENSATE DRAIN. OFFSET THROUGH EXTERIOR WALL 12" AFG. SPILL TO GRADE.
6. TRANSITION TO 24/24 HEMMED EDGE WITH BIRD SCREEN.

MECHANICAL ROOF PLAN

1/4" = 1'-0"

