

SERVICE AREA AIR BALANCE		
TAG	OUTSIDE AIR	EXHAUST
RTU-9	4000 (1)	
RTU-10	4000 (1)	
EF-1		300
EF-8		2000
EF-9		1800
EF-10		1500
EF-12		1500
TOTAL	8000	7100

(1) RTU-9 & 10 FAN ON CONTINUOUSLY DURING OCCUPIED
 PER TABLE 409.3.11 2018 IMC MINIMUM DIRECT EXHAUST .75 CFM/SF REPAIR GARAGE

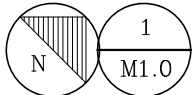
SERVICE NET AREA = 5450 SF
 MIN EXH = (.75 CFM/SF X 5450 SF)
 = 4088 CFM

SUM OF DIRECT EXHAUST FROM EF- 9, 10, 12 = 4800 CFM
 SUM OF DIRECT & INDIRECT EXHAUST = 7,100 CFM

KEYED NOTES:

- (1) NEW THERMOSTAT FOR GAS UNIT HEATER LITESTAT TGH2-KRO FIXED 68°F OCCUPIED/55°F SETBACK. NO OTHER IS ACCEPTABLE. REMOVE UNIT HEATER CONTROL FROM EMS AS 3RD STAGE HEAT FOR RTU
- (2) CARBON MONOXIDE EXHAUST FAN
- (3) THERMOSTAT FOR NEW ELECTRIC UNIT HEATER LITESTAT TGH2-KRO FIXED 68°F OCCUPIED/55°F SETBACK. NO OTHER IS ACCEPTABLE. SINGLE THERMOSTAT TO CONTROL BOTH HEATERS. FURNISH 2 POLE RELAY IF REQUIRED.
- (4) EXISTING GAS FIRED INFRARED TUBE HEATERS TO REMAIN
- (5) EXISTING EXHAUST FAN TO REMAIN

NOTE: SHOWN FOR TEST AND BALANCE PURPOSES ONLY. SEE TEST AND BALANCE SCOPE ON M3.0



PART PLAN - HVAC

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