

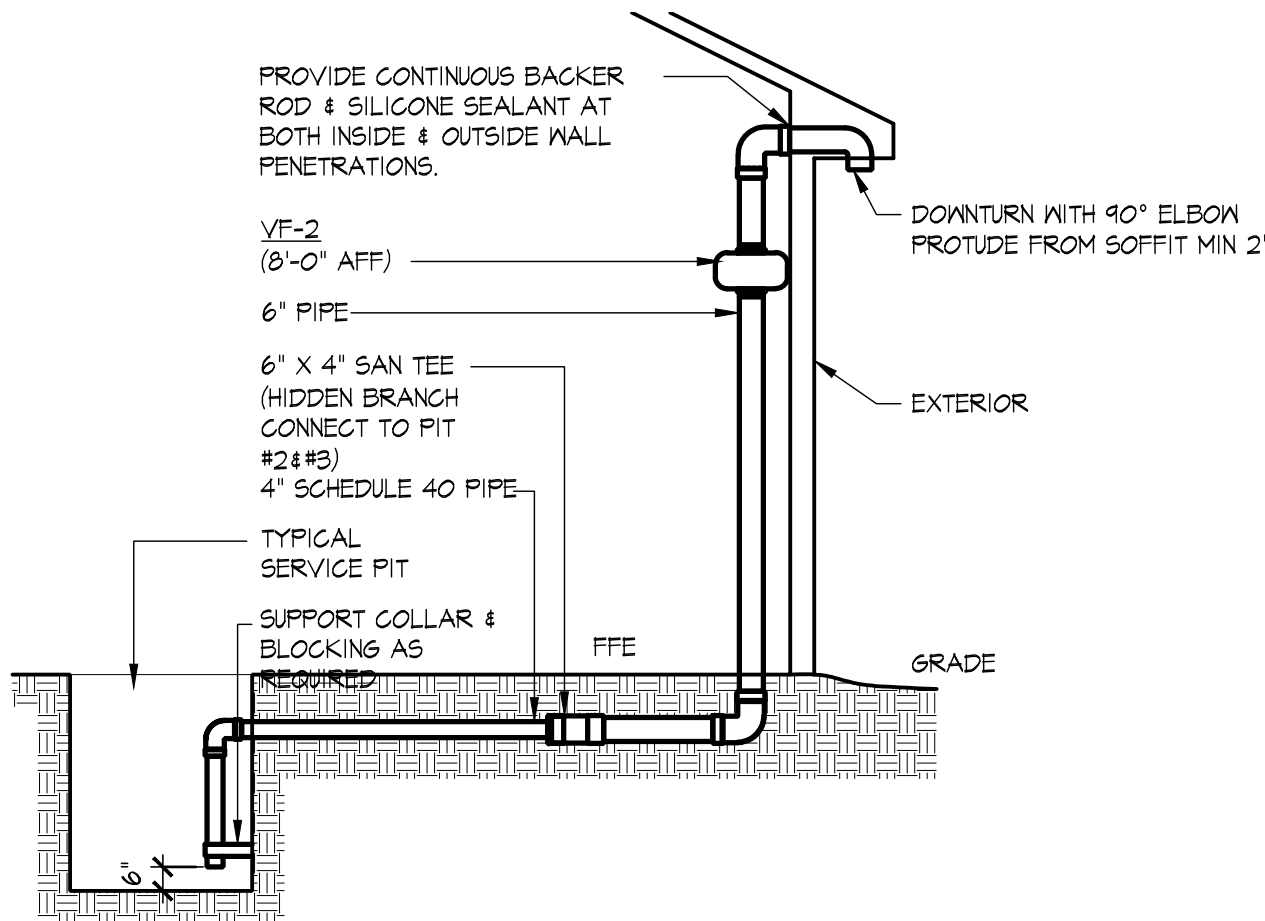
LOUVER SCHEDULE														
PLAN IDENTITY	TYPE	MANUFACTURER	MODEL	SIZE		FRAME DEPTH	BLADE SPACING	BLADE ANGLE	FRAME	CFM	FREE AREA (SF)	VELOCITY (FFM)	SERVES	REMARKS
				WIDTH	HEIGHT									
EAL-1	EXHAUST	RUSKIN	ELF3T5DXH	24	24	4"	5-3/32"	31.5°	1" FLANGE	1,025	1.42	533	VF-1	123,456
OAL-1	INTAKE	RUSKIN	ELF3T5DXH	24	24	4"	5-3/32"	31.5°	1" FLANGE	1,175	1.42	612	VF-1 & VF-2	123,45,78
1. FIXED BLADE, DRAINABLE LOUVER 2. PROVIDE INSECT SCREEN 3. RUSKIN COLOR CODE 19, "ASCOT WHITE" 4. REMOVABLE FRAME 5. KYNAR FINISH 6. FREE AREA VELOCITY SHALL BE LESS THAN 1000 FPM 7. FREE AIR VELOCITY SHOULD BE LESS THAN 150 FPM 8. GRAVITY BACKDRAFT DAMPER INSIDE BUILDING.														

FAN SCHEDULE							
UNIT	LOCATION	MANUFACTURER	MODEL	VOLTAGE	PHASE	NOTE	REMARKS
VF-1	SERVICE BAY	GREENHECK	SQ-120-B	115	1	VENTILATION FAN - 1025 CFM - SIDEWALL MOUNTED	123,45,78
VF-2	SERVICE BAY	FANTECH	FR-140	115	1	VENTILATION FAN - 150 CFM - SIDEWALL MOUNTED	123,45,10
VF-3	SERVICE BAY	GREENHECK	GSP-A125	115	1	VENTILATION FAN - 100 CFM - SIDEWALL MOUNTED	123,45,6,7
EF-1&2	RESTROOM	GREENHECK	SP-B10	115	1	EXHAUST FAN - 50 CFM - CEILING MOUNTED	23,46,9
1. SCREEN 2. BACKDRAFT DAMPER 3. COLOR BY ARCHITECT 4. INTEGRAL DISCONNECT SWITCH 5. SPEED CONTROLLER NEAR FAN 6. PROVIDE 1/4" GRAVITY DAMPER, WALL LOUVER AND MOTOR SIDE GUARD 7. TIMECLOCK 8. ROOF CAP GREENHECK RJ-6X9 9. MOTION SENSOR (MAY BE LINKED TO LIGHT) 10. WALL MOUNTING BRACKET							

SPLIT SYSTEM SCHEDULE							
UNIT	LOCATION	MANUFACTURER	MODEL	VOLTAGE	PHASE	NOTE	REMARKS
DCU-1	OUTSIDE	DAIKIN	RX18RMVJ	208-230	1	1.5 TON 18.5 SEER MINI-SPLIT SYSTEM CONDENSING UNIT COOLING 17600 BTU; HEATING 21600 BTU	1256
DS-1	LOBBY	DAIKIN	FDMQ18RVJ	208-230	1	MINI-SPLIT DUCTED INDOOR UNIT, AIRFLOW: 600 CFM, OUTDOOR AIR: 50 CFM	123,46
1. PROVIDE WITH UNIVERSAL POWER CORD (6-15P) 2. PROVIDE WITH DISPLAY MODULE 3. PROVIDE WITH WALL SLEEVE AND SUBBASE INTERNAL DRAIN KIT (PIPE SECONDARY DRAIN TO OUTSIDE) 4. PROVIDE CONDENSATION PUMP (PUMP PRIMARY CONDENSATE TO MOP SINK) 5. MINIMUM 13.0 SEER RATING 6. CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE AND QUALITY OF UNIT DESIRED. SUBMIT CUTSHEETS OF THESE & ALTERNATE MANUFACTURERS FOR OWNER APPROVAL PRIOR TO PURCHASE OF ANY UNITS. INFORMATION ON ALTERNATE UNITS PROPOSED BY THE CONTRACTOR SHALL INCLUDE THE ADD/ DEDUCT ASSOCIATED WITH ACCEPTANCE OF THAT UNIT (OR THE ALTERNATE PACKAGE AS A WHOLE)							

AIR DEVICE SCHEDULE						CEILING DIFFUSER NECK CHART	
UNIT	MANUFACTURER	MODEL	FRAME TYPE	NOTE	REMARKS	NECK SIZE	CFM RANGE
AD	TITUS	TMS	LAY-IN	CEILING MOUNTED AIR DIFFUSER - 24"x24"	123	6" DIA.	0 - 80 CFM
AR	TITUS	PAR	LAY-IN	CEILING MOUNTED AIR RETURN GRILLE - 24"x24"	123	8" DIA.	85 - 175 CFM
BD	TITUS	TMS	LAY-IN	CEILING MOUNTED AIR DIFFUSER - 12"x12"	123	10" DIA.	180 - 320 CFM
AE	TITUS	350RL	LAY-IN	CEILING MOUNTED AIR EXHAUST GRILLE - 24"x24"	123	12" DIA.	325 - 550 CFM
GENERAL NOTES: 1. AIR DEVICE RUN-OUT SHALL BE SAME SIZE AS DIFFUSER NECK. FLEX DUCT, MAXIMUM LENGTH 5'-0". 2. PROVIDE SQUARE NECK TO ROUND ADAPTER AS REQUIRED (FOR FLEX CONNECTION) 3. COLOR BY ARCHITECT						14" DIA.	555 - 625 CFM
						16" DIA.	630 - 1200 CFM

ELECTRIC UNIT HEATER SCHEDULE									
PLAN ID	MANUFACTURER	MODEL	KW HEAT	VOLTAGE	AMPS	CFM	SERVING	SETPOINT	REMARKS
UH-1	MARKEL	E3322TD-RP	1.5	120	12.5	STORAGE/ OFFICE 104	BUILT IN	50 F	12
UH-2&3,4	QMARK	MUH-10-2	10	240/1	42	650	SERVICE BAY	50 F	3,4,5,6
1. HEATER SHALL BE CONTROLLED BY A BUILT IN THERMOSTAT SET PER SCHEDULE. 2. WALL RECESSED FRAME. 3. HEATERS SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. 4. EACH HEATER SHALL BE CONTROLLED BY A MANUFACTURER SUPPLIED NIGHT SETBACK DIGITAL THERMOSTATS, MOUNTED 4'-0" ABOVE THE FINISHED FLOOR. SEE MECHANICAL PLAN FOR LOCATIONS. 5. PROVIDE NECESSARY MOUNTING BRACKET AND ACCESSORIES FOR CEILING MOUNTING. 6. PROVIDE FIELD SUPPLIED DISCONNECT SWITCH.									



DUE TO THE CLASSIFICATION OF THE ELECTRICAL DEVICES INSTALLED IN THE PIT, A PIT VENTILATION SYSTEM IS REQUIRED THAT EXHAUSTS 1 CFM/SF OF PIT FLOOR AREA. (NEC SECTION 517.10) EACH PIT IS 48.5 SF, THEREFORE 50 CFM IS EXHAUSTED FROM EACH PIT FOR A TOTAL OF 150 CFM AT VENTILATION FAN (VF-2).

PIT VENTILATION DETAILS

