

REFER TO DRAWING
A1.0 FOR SLAB
DETAILS

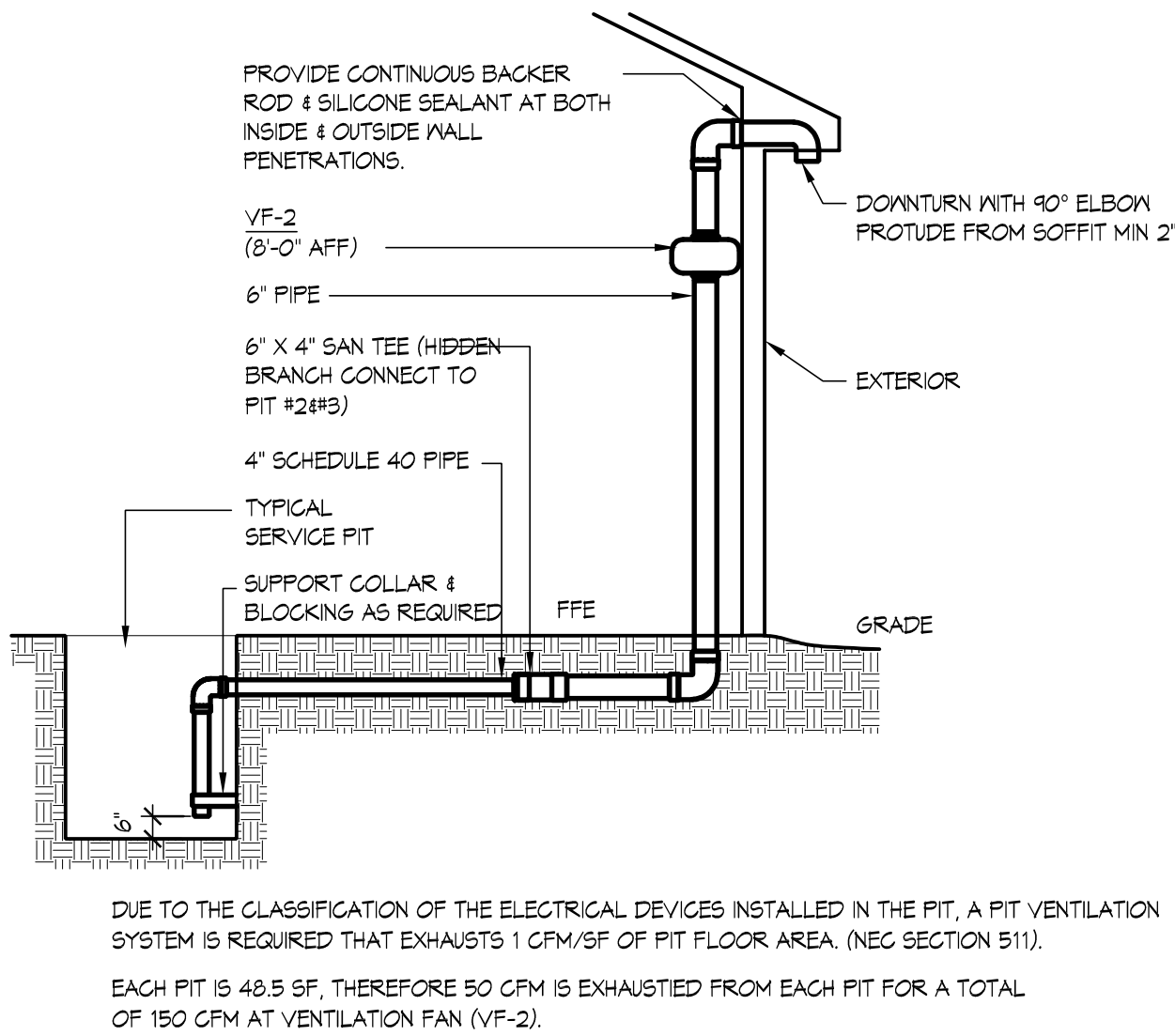
OUTSIDE AIR PROVIDED:
50 CFM

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	ELF3TSDXH	24	24	4"	5-3/32"	37.5°	1" FLANGE	1,025	1.92	533	VF-1	1,2,3,4,5,6
OAL-1	INTAKE	RUSKIN	ELF3TSDXH	24	24	4"	5-3/32"	37.5°	1" FLANGE	1,175	1.92	612	VF-1 & VF-2	1,2,3,4,5,7,8
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 750 FPM 8. GRAVITY BACKDRAFT DAMPER INSIDE BUILDING.														

FAN SCHEDULE							
UNIT	LOCATION	MANUFACTURER	MODEL	VOLTAGE	PHASE	NOTE	REMARKS
VF-1	SERVICE BAY	GREENHECK	SG-120-B	115	1	VENTILATION FAN - 1025 CFM - SIDEWALL MOUNTED	1,2,3,4,5,7,8
VF-2	SERVICE BAY	FANTECH	FR-140	115	1	VENTILATION FAN - 150 CFM - SIDEWALL MOUNTED	1,2,3,4,5,10
VF-3	SERVICE BAY	GREENHECK	GSP-A125	115	1	VENTILATION FAN - 100 CFM - SIDEWALL MOUNTED	1,2,3,4,5,6,7
EF-1&2	RESTROOM	GREENHECK	SP-B70	115	1	EXHAUST FAN - 50 CFM - CEILING MOUNTED	2,3,4,6,9
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	RX18RMVJU	208-230	1	1.5 TON 18.5 SEER, MINI-SPLIT SYSTEM CONDENSING UNIT COOLING: 17600 BTU; HEATING: 21600 BTU	1,2,5,6
DS-1	LOBBY	DAIKIN	FDMQ18RVJU	208-230	1	MINI-SPLIT DUCTED INDOOR UNIT, AIRFLOW: 600 CFM, OUTDOOR AIR: 50 CFM	1,2,3,4,6
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) 7. PROVIDE WITH LONG LINE REFRIGERATION SET. SIZE LINES ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.							

AIR DEVICE SCHEDULE						CEILING DIFFUSER NECK CHART	
UNIT	MANUFACTURER	MODEL	FRAME TYPE	NOTE	REMARKS	NECK SIZE	CFM RANGE
AD	TITUS	TMS	FLANGED	CEILING MOUNTED AIR DIFFUSER - 24"x24"	1,2,3	6" DIA.	0 - 80 CFM
AR	TITUS	PAR	FLANGED	CEILING MOUNTED AIR RETURN GRILLE - 24"x24"	1,2,3	8" DIA.	85 - 175 CFM
BD	TITUS	TMS	FLANGED	CEILING MOUNTED AIR DIFFUSER - 12"x12"	1,2,3	10" DIA.	180 - 320 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						12" DIA.	325 - 550 CFM
						14" DIA.	555 - 625 CFM
						16" DIA.	630 - 1200 CFM

ELECTRIC UNIT HEATER SCHEDULE									
PLAN ID	MANUFACTURER	MODEL	KN HEAT	VOLTAGE	AMPS	CFM	SERVING	SETPOINT	REMARKS
UH-1,2,3	QMARK	MUH-10-2	10	240/1	42	650	SERVICE BAY	50 F	1,2,3,4
1. HEATERS SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. 2. 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. 3. PROVIDE NECESSARY MOUNTING BRACKET AND ACCESSORIES FOR CEILING MOUNTING. 4. PROVIDE FIELD SUPPLIED DISCONNECT SWITCH.									



PIT VENTILATION DETAILS



STRICKLAND BROTHERS
TBD NEW SALEM HWY
MURFREESBORO, TN

Revisions:

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Project No: 21286
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Drawn By: TI
Checked By:

SHEET

M2.0
MECHANICAL
DETAILS