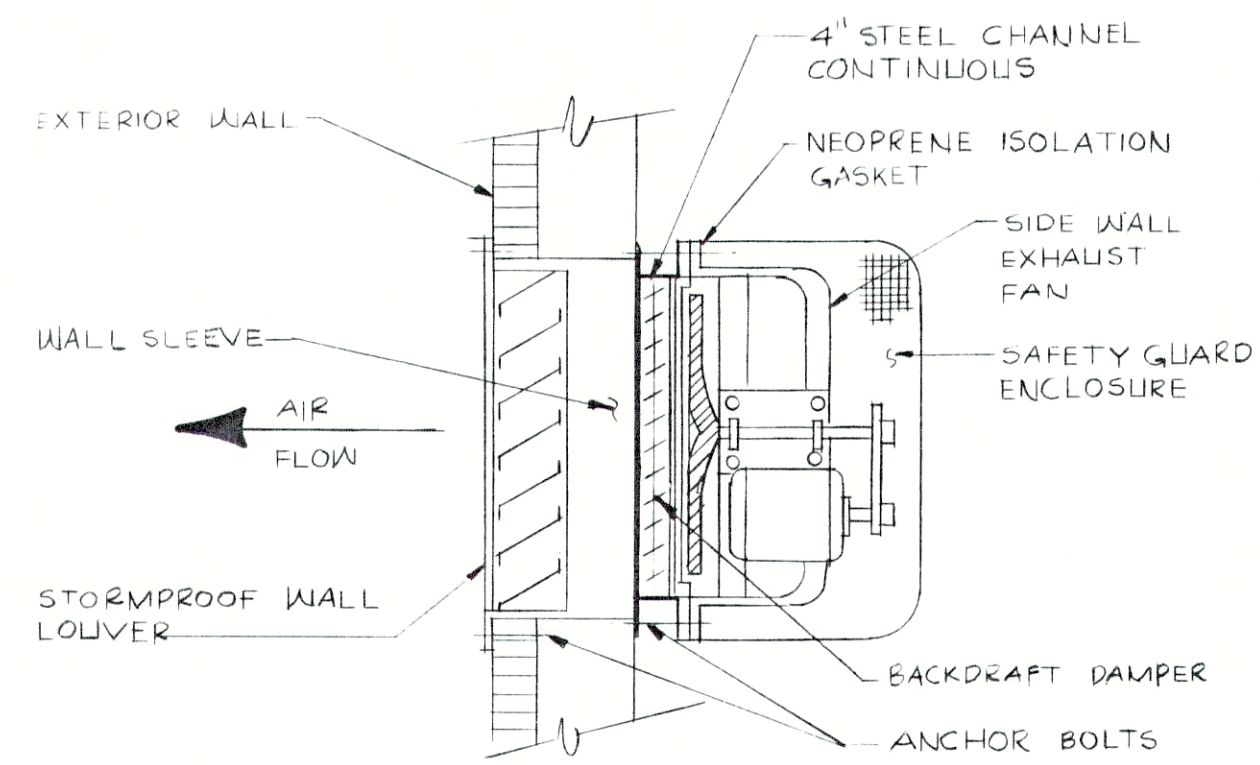
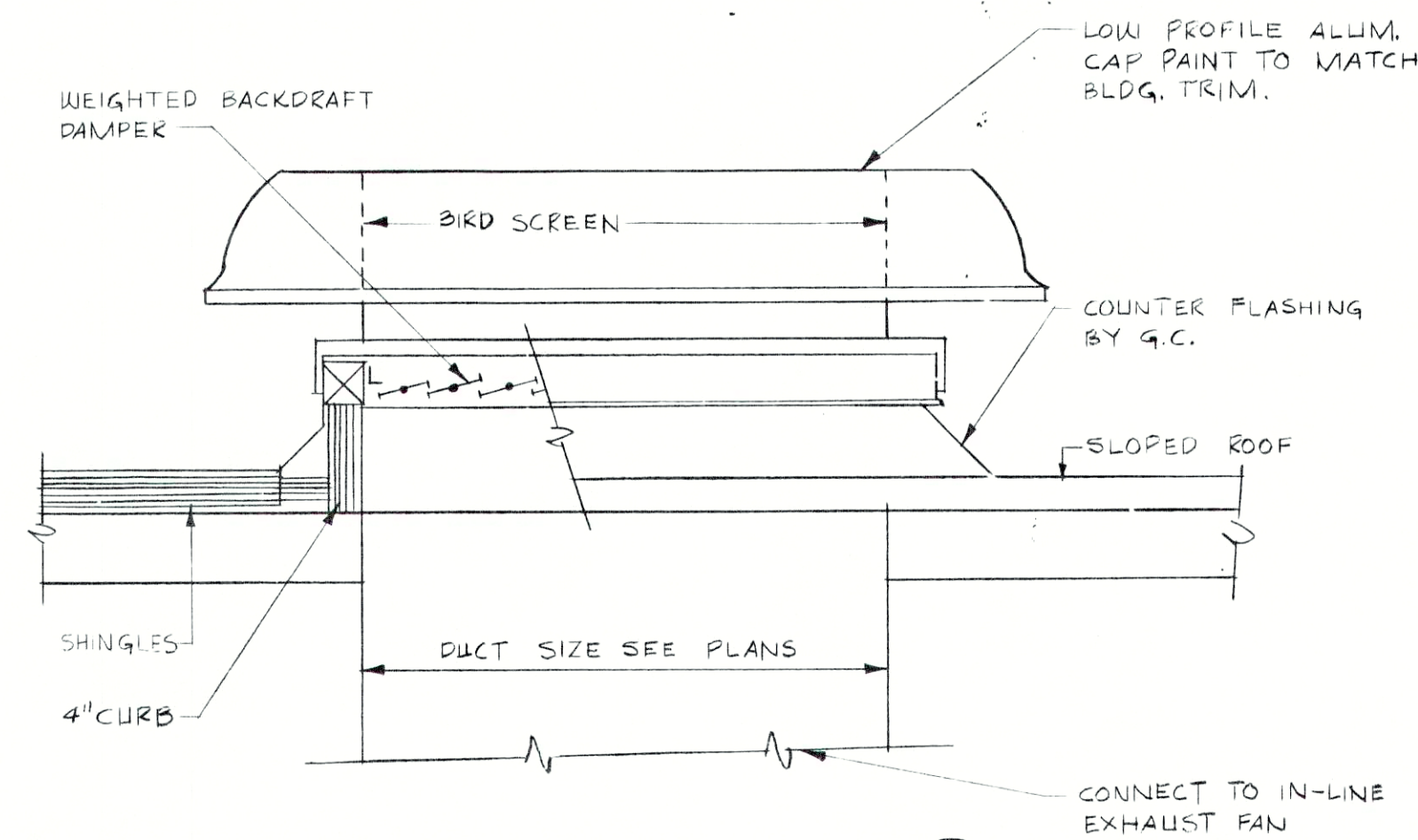
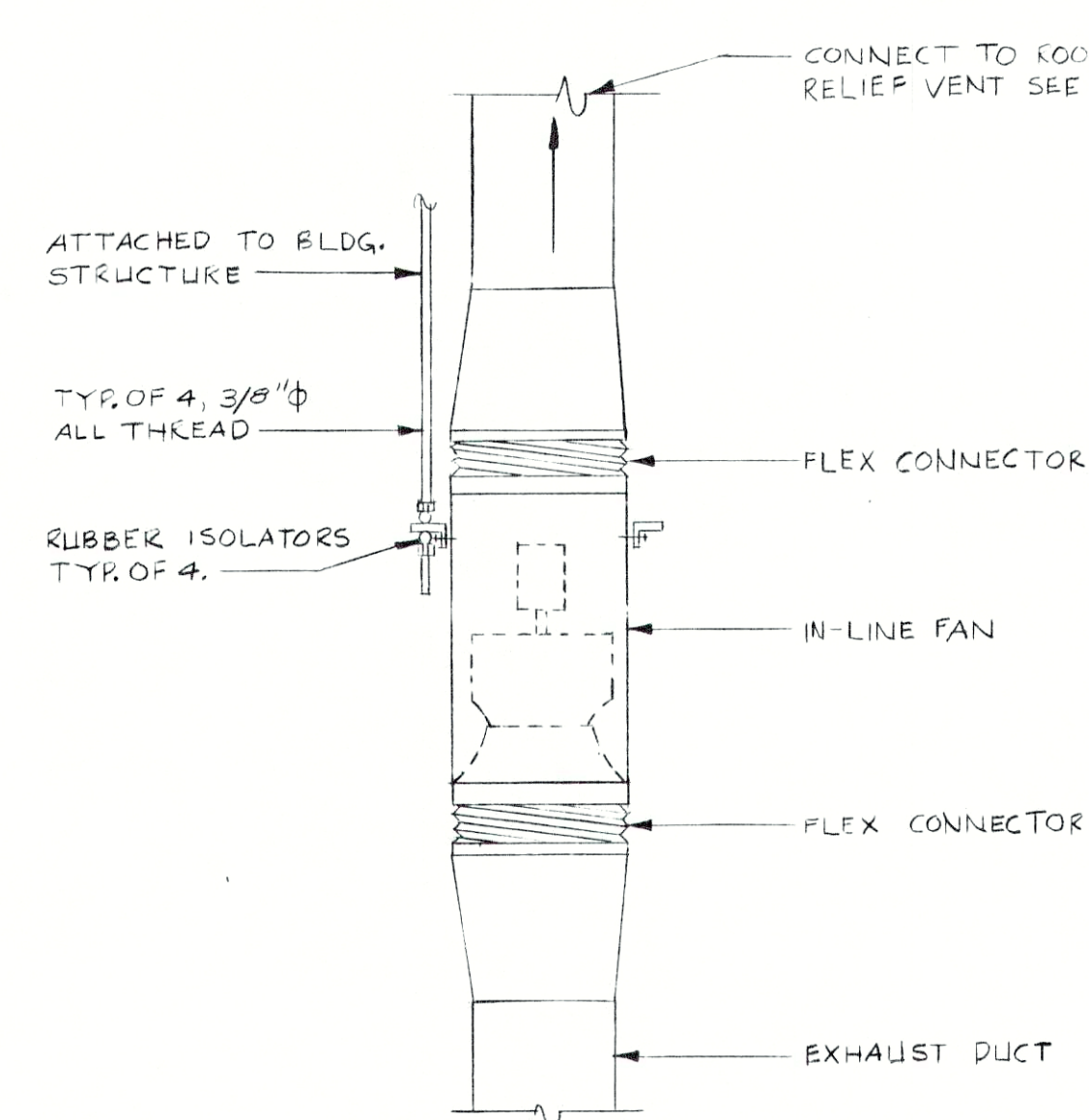




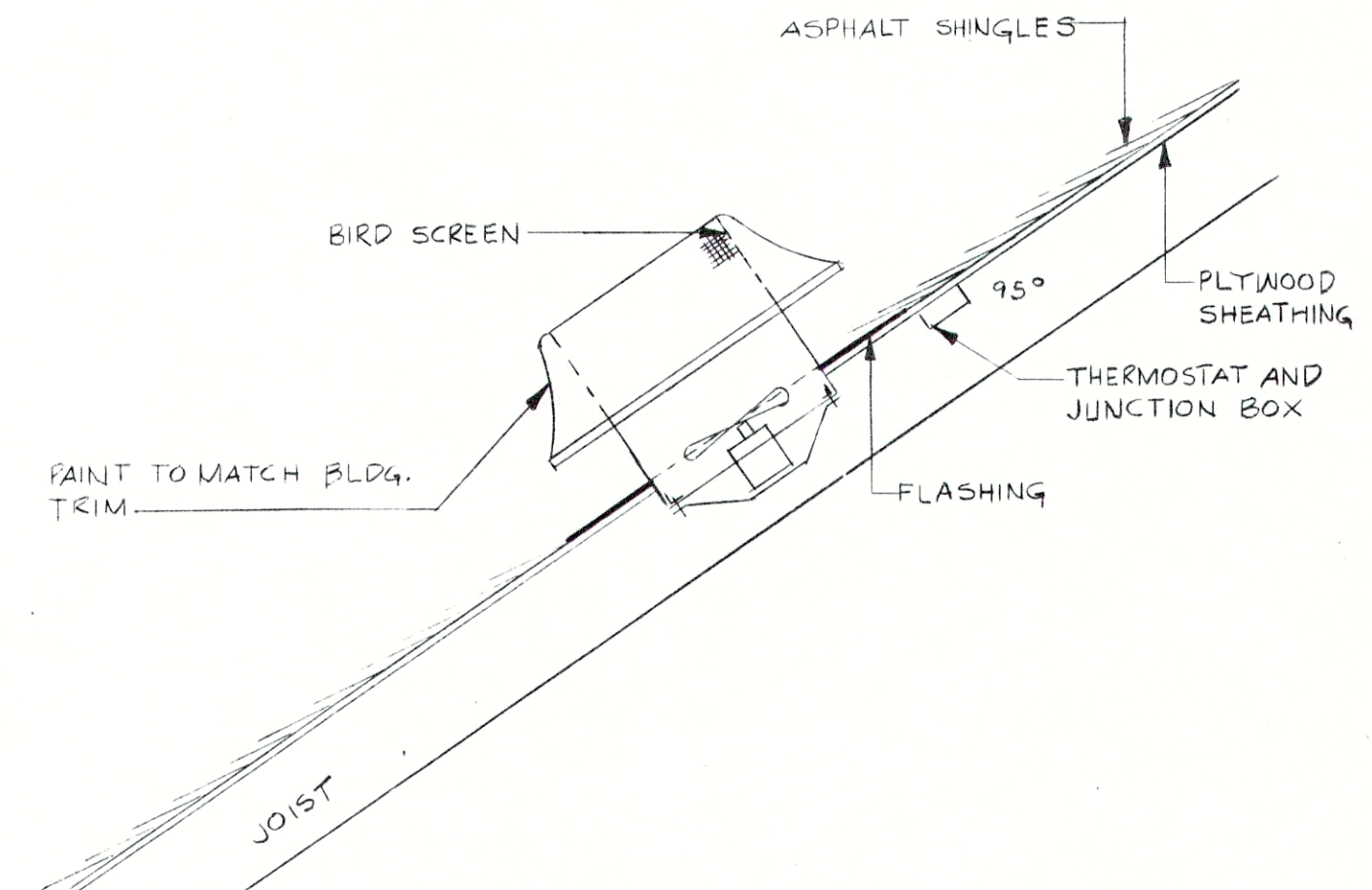
SIDEWALL EXHAUST FAN INSTALLATION
DETAIL 1
NO SCALE



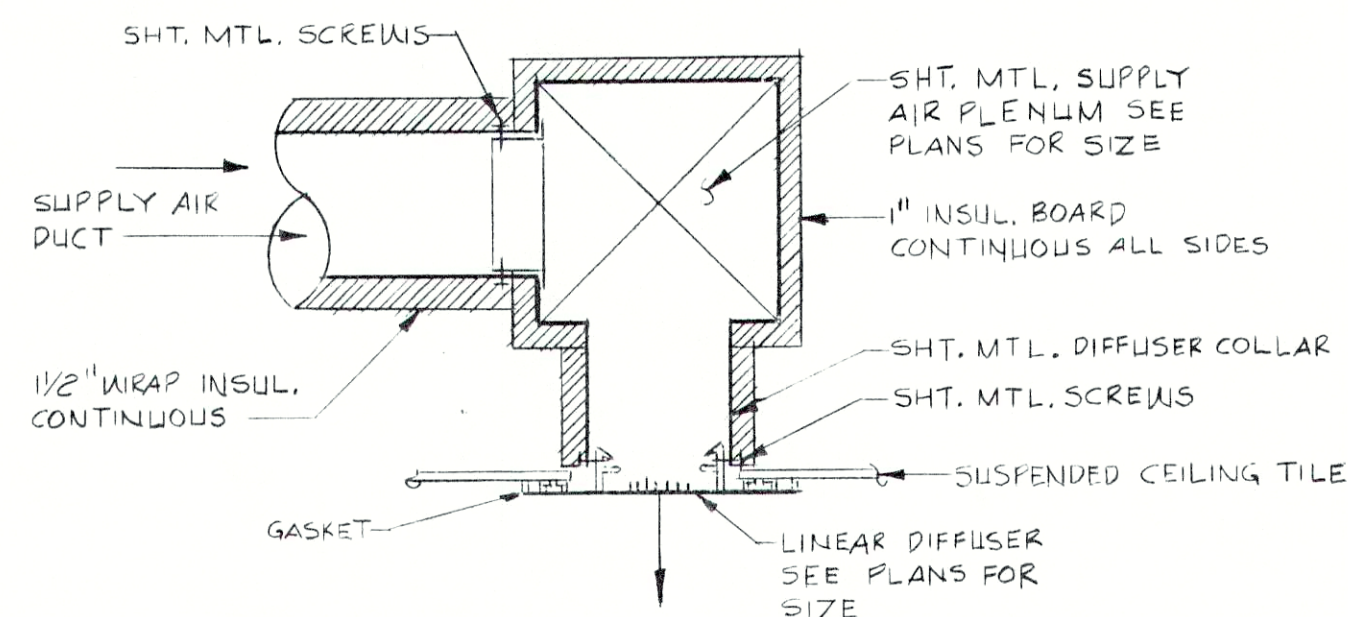
RELIEF VENT DETAIL 2
NO SCALE



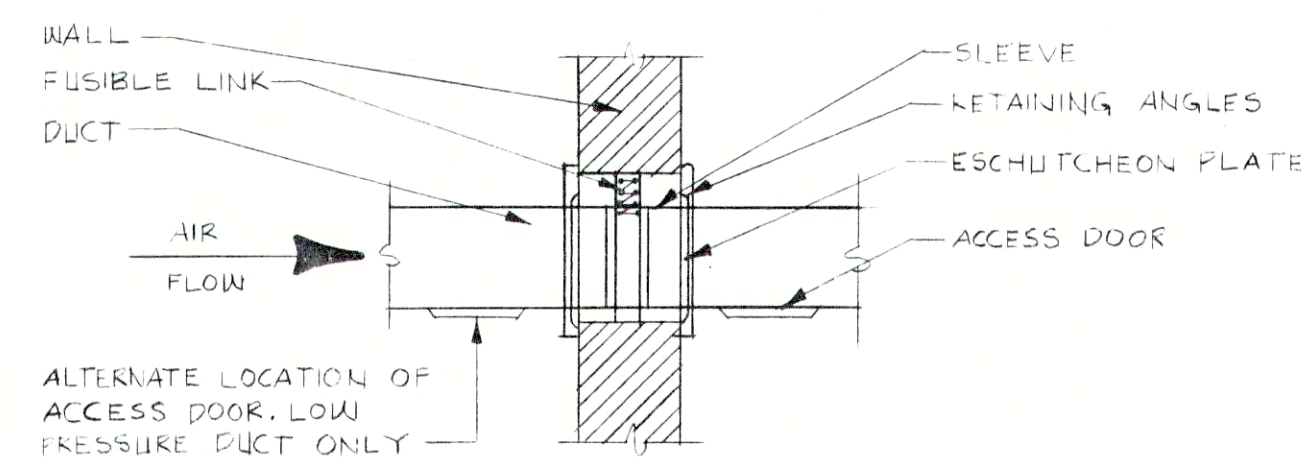
IN-LINE FAN DETAIL 3
SCALE: 3/4\"/>



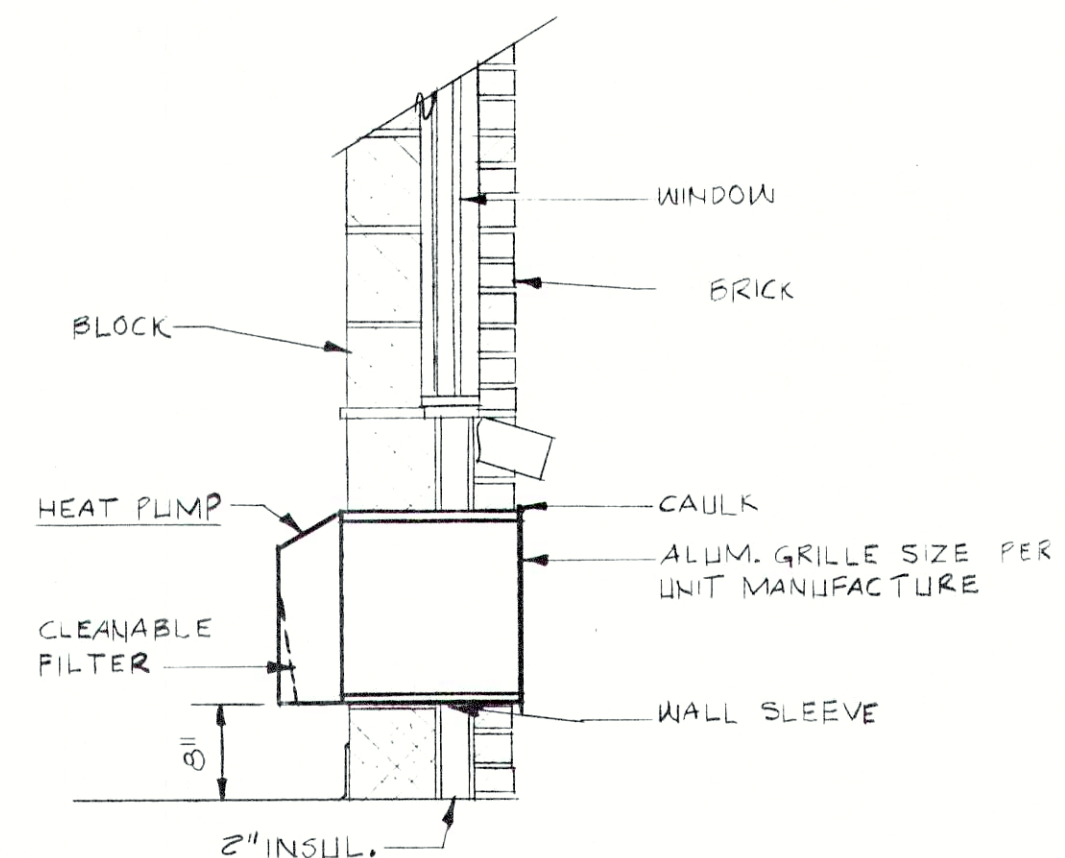
ATTIC VENTILATOR DETAIL 4
NO SCALE



LINEAR DIFFUSER DETAIL 5
SCALE: 1/2\"/>



TYPICAL FIRE DAMPER DETAIL 7
NO SCALE



HEAT PUMP MOUNTING DETAIL 6
SCALE: 3/4\"/>

FAN SCHEDULE												
MARK	MFR. & MODEL NO.	CFM	S.P.	RPM	WHL DIA.	HP	RPM	VOLT FHS.	STARTER	DRIVE	AREA SERVED	REMARKS
#1	GREENHECK SQD 9D	520	.65"	1140	7"	1/12	1140	120V 1φ	E.C.	DIRECT	ADMIN. & LAB. TOILET	IN-LINE-TOILET
#2	GREENHECK SQD 7.5D	225	.125"	1050	7 1/2"	1/60	1050	120V 1φ	E.C.	DIRECT	ADMIN. & LAB. CONF.	IN-LINE
#3	PENN. VENT. RAF-6	1300	.0"	1550	—	1/7	1550	120V 1φ	E.C.	DIRECT	ADMIN. & LAB. ATTIC	ATTIC VENTILATOR
#4	PENN. VENT. RAF-6	1300	.0"	1550	—	1/7	1550	120V 1φ	E.C.	DIRECT	ADMIN. & LAB. ATTIC	ATTIC VENTILATOR
#5	GREENHECK SQB 10-4	1000	.375"	1540	10"	1/4	1700	120V 1φ	E.C.	BELT	GARAGE TOIL. & SHR.	IN-LINE-TOILET
#6	PENN. VENT. RAF-6	1300	.0"	1550	—	1/7	1550	120V 1φ	E.C.	DIRECT	GARAGE ATTIC	ATTIC VENTILATOR
#7	PENN. VENT. RAF-6	1300	.0"	1550	—	1/7	1550	120V 1φ	E.C.	DIRECT	GARAGE ATTIC	ATTIC VENTILATOR
#8	PENN. VENT. RAF-6	1300	.0"	1550	—	1/7	1550	120V 1φ	E.C.	DIRECT	GARAGE ATTIC	ATTIC VENTILATOR
#9	GREENHECK SBP 24-20-3	4661	.125"	1070	24"	1/3	1750	120V 1φ	E.C.	BELT	GARAGE	2-SPEED MOTOR - GENERAL VENTILATION
#10	GREENHECK SBP 24-20-3	4661	.125"	1070	24"	1/3	1750	120V 1φ	E.C.	BELT	DIGESTER BUILDING	GENERAL VENTILATION - THERMOSTAT BY UNIT MFR.
#11	GREENHECK SDE-18-32C	1600	.375"	860	18"	1/8	860	120V 1φ	E.C.	DIRECT	CHLORINE BLDG.	GENERAL VENTILATION - TOTALLY ENCLOSED MOTOR
#12	GREENHECK SDE-18-32C	1600	.375"	860	18"	1/8	860	120V 1φ	E.C.	BELT	MECHANICAL BUILDING	GENERAL VENTILATION - THERMOSTAT BY UNIT MFR.
#13	GREENHECK SDE-18-32C	1600	.375"	860	18"	1/8	860	120V 1φ	E.C.	DIRECT	GRIT BUILDING	GENERAL VENTILATION - TOTALLY ENCLOSED MOTOR

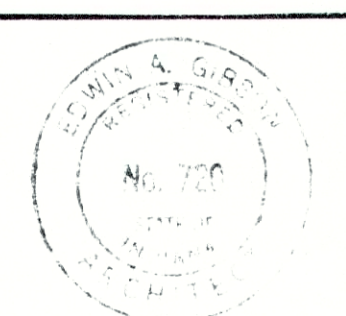
HEAT PUMP SCHEDULE																			COMPRESSOR UNIT														
MARK	MFR. & MODEL NO.	AREA SERVED	COOLING					HEATING					FAN				REMARKS	MARK	MFR. & MODEL NO.	AREA SERVED	NOMINAL TONNAGE @ 95°F	COMPRESSOR				CONDENSER FAN			NET WT.	WEIGHT	REMARKS		
			EAD B	EAW B	SENS MBH	TOT MBH	MIN. EFF.	EAD B	HI COP	LO COP	TOT. VSH	ELFC. HEAT	VOLT FHS	CFM	EXT. S.R.	HP						VOLT FHS	G/A	NO.	VOLT FHS	AMPS	HP	NO.				VOLT FHS	AMPS
# 1	COMFORT AIRE QH836-1B	ADMIN. & LAB. CONF. RM.	79	65.5	23.3	33.4	8.0	70°	2.8	2.0	40	10KW	208V 1φ	1200	.46"	1/2	208V 1φ	225CFM	WITH BY-PASS HUMIDIFIER	# 1	COMFORT AIRE AH68HFB	ADMIN. & LAB. CONF. RM.	3	1	208V 1φ	20.0	—	1	208V 1φ	—	—	230 LBS	SPLIT SYSTEM
# 2	COMFORT AIRE RH-124	ADMIN. & LAB. BLDG.	77.6	64.5	22.9	110	7.6	70°	2.9	2.3	160	35KW	208V 3φ	4000	.5"	2HP	208V 3φ	520CFM	WITH BY-PASS HUMIDIFIER	# 2	COMFORT AIRE VH-124	ADMIN. & LAB. BLDG.	10	1	208V 3φ	54.4	—	2	208V 3φ	—	—	720 LBS	SPLIT SYSTEM
# 3	COMFORT AIRE QH8603A	ADMIN. & LAB. LABORATORY	83.6	69.0	31.4	52.3	7.3	70°	2.8	1.9	100	26KW	208V 3φ	1750	.25	3/4	208V 3φ	150CFM	WITH BY-PASS HUMIDIFIER	# 3	COMFORT AIRE AH68HKB	ADMIN. & LAB. LABORATORY	5	1	208V 3φ	19.8	—	1	208V 3φ	—	—	355 LBS	SPLIT SYSTEM
# 4	CARRIER 52AQ 512A3	GARAGE OFFICE	80	67	10.0	11.2	7.5	70°	2.2	—	14	41KW	208V 1φ	280	—	—	—	70CFM		# 4	CARRIER 52AQ 512A3	GARAGE OFFICE	1	1	208V 1φ	20.2	—	—	—	—	—	155 LBS	INCREMENTAL UNIT
# 5	CARRIER 52AQ 514A3	GARAGE BREAK RM.	80	67	12.0	13.4	7.1	70°	2.0	—	14	4.1KW	208V 1φ	280	—	—	—	70CFM		# 5	CARRIER 52AQ 514A3	GARAGE OFFICE	1	1	208V 1φ	20.2	—	—	—	—	—	173 LBS	INCREMENTAL UNIT

UNIT HEATER SCHEDULE										
MARK	AREA SERVED	MANUFACTURER MODEL NO.	HEATING				FAN DATA			
			ENT. AIR OF	MBH	WLT	C.F.M. @ 70	RPM	OUTLET VELOCITY	DRIVE	VOLT
#1	DIGESTER BLDG.	DUNHAM BUSH 4600C	60°	86.1	180°	2010	1075	—	HP	120V
			100°	5.9	150°				1/6	1φ

SCHEDULES & DETAILS

REVISIONS

FALL CREEK REGIONAL
WASTE DISTRICT
WASTEWATER FACILITIES
PENDLETON, INDIANA



ed gibson and associates
INCORPORATED
ARCHITECTS
INDIANAPOLIS, INDIANA
DRAWN BY: RT
CHECKED BY: 8/2/88
CERTIFIED BY: [Signature]

SHEET NO.
M-8
62
OF

RECORD DRAWING