PACKAGED ROOFTOP HVAC UNIT SCHEDULE

UNIT #	SERVICE	MANUFACTURER	MODEL	FAN SECTION								ELECTRICAL				HEATING SECTION				COOLING SECTION								FILTERS	
																				EVAPORATOR					COMPRESSOR	CONDENSER					
				SUPPLY CFM	OUTDOOR CFM	EXT. S.P. IN WG	FAN TYPE	DRIVE	QTY	RPM	BHP	HP	VOLTS	PHASE	MINIMUM CIRCUIT AMPACITY	MAXIMUM CIRCUIT BREAKER	TYPE OF FUEL	STAGES	INPUT (MBH)	OUTPUT (MBH)	ENT. CONDITIONS (F DB/ F WB)	LEAV CONDITIONS (F DB/ F WB)	REFRIGERANT TYPE	TOTAL GROSS CAPACITY (MBH/HR)	SENSIBLE GROSS CAPACITY (MBH/HR)	QUANTITY	FAN QUANTITY & SIZE	FAN RPM	AIR TEMP ENTERING CONDENSER	EFFICIENCY MERV	QUANTITY & SIZE
RTU-1	TOTAL FLOOR PLAN	TRANE	YFD151E	5900	1000	1.5	FC	BELT	1	908	4.65	5	208	3	71	80	NATURAL GAS	2	250.0	203.0	80 / 67	61 / 58	R-410A	161.09	123.27	2	2	1100	95	7	4/ 20"X 20" X2 4/ 20"X 25" X2

NOTES
1. UNIT MOUNT VFD FOR 5HP HIGH EFFICIENCY SUPPLY FAN MOTOR BY UNIT MANUFACTURER
2. POWERED ECONOMIZER EXHAUST FAN WITH ECONOMIZER LOGIC PROGRAM BY UNIT MANUFACTURER
3. INSULATED UNIT CURB ADAPTER WITH DUCTWORK TRANSITIONS(SEE FLOOR PLAN FOR MANUFACTURER AND MODEL SIZE TRANSITION)
4. STAINLESS STEEL HEAT EXCHANGER

ROOF EXHAUST FAN SCHEDULE

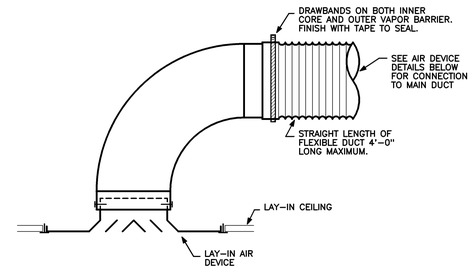
FAN NUMBER	MANUFACTURER	MODEL	SERVICE	CFM	EXT. STATIC PRESSURE (IN. H2O)	RPM	SONES	ELECTRIC			MOTOR CONTROL	DRIVE	DISCHARGE DAMPER
								HP	PHASE	VOLTS			
. EF-1	COOK	ACE-120C13D	GENERAL / TOILET	700	0.5	1100	6.0	.25	1	120	SEE NOTE	DIRECT	MOTORIZED

NOTES:
1) PROVIDE UNIT MOUNTED VARIABLE SPEED CONTROLLER FOR BALANCING

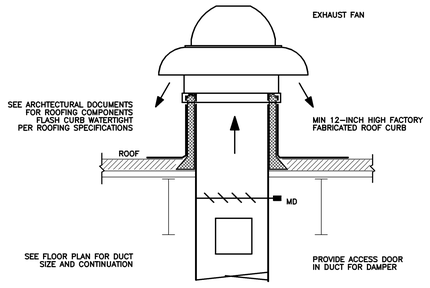
REGISTERS, GRILLES & DIFFUSERS SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL	NECK SIZE	CFM RANGE	DIRECTION OF BLOW	MAX NC	MAX SP	REMARKS	NOTES
S1	CEILING DIFFUSER	TITUS	TDC	6"x6"	0-150	SEE PLANS	20	0.15"	OBD NOT REQUIRED	1, 2
S2	CEILING DIFFUSER	TITUS	TDC	9"x9"	151-250	SEE PLANS	20	.11"	OBD NOT REQUIRED	1, 2
S3	CEILING DIFFUSER	TITUS	TDC	12"x12"	251-450	SEE PLANS	20	.11"	OBD NOT REQUIRED	1, 2
S4	SIDE WALL SUPPLY GRILLE	TITUS	300RL-HD	10"X6"	50 - 150	ADJUSTABLE	17	.07"	OBD NOT REQUIRED	1, 3
S5	DRUM LOUVER	TITUS	DL	20"X10"	300-600	ADJUSTABLE	13	.10"	PROVIDE OBD	1, 3
R1	DUCTMOUNTED RETURN GRILLE	TITUS	350RL-HD	22"x46"	1701-3400	---	20	.10"	PROVIDE OBD	1, 3
E1	CEILING EXHAUST GRILLE	TITUS	50F	6"x6"	0-150	---	20	.07"	OBD NOT REQUIRED	1,3,4
E2	CEILING EXHAUST GRILLE	TITUS	50F	8"x8"	151-250	---	20	.07"	OBD NOT REQUIRED	1,3,4
E3	SIDE WALL EXHAUST GRILLE	TITUS	355RL	10"X6"	0- 130	---	20	.07"	OBD NOT REQUIRED	1,3
T1	SIDE WALL TRANSFER GRILLE	TITUS	355RL	12"X8"	0-150	---	20	.07"	OBD NOT REQUIRED	1,3
T2	CEILING TRANSFER GRILLE	TITUS	50F	8"x8"	0-150	---	20	.05"	OBD NOT REQUIRED	1,3,4
T3	SIDE WALL TRANSFER GRILLE	TITUS	355RL	24"X12"	450 - 700	---	20	.05"	OBD NOT REQUIRED	1,3
T4	CEILING TRANSFER GRILLE	TITUS	50F	14"x14"	450-700	---	20	.05"	OBD NOT REQUIRED	1,2,4

NOTES:
1. BAKED ENAMEL WHITE FINISH
2. BORDER TYPE 6 (LAY-IN)
3. BORDER TYPE 1 (SURFACE MOUNTED)
4. 1/2" x 1/2" x 1/2" GRID

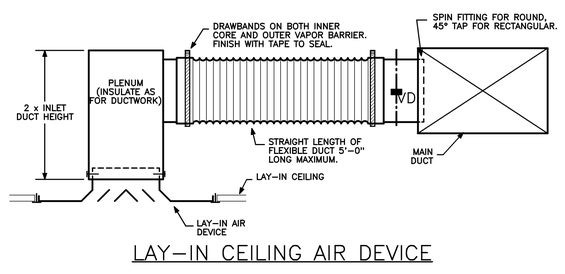


ROUND-NECK DIFFUSER CONNECTION



EXHAUST FAN-FLAT ROOF DETAIL

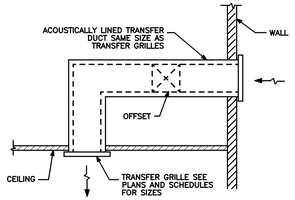
NO SCALE



LAY-IN CEILING AIR DEVICE

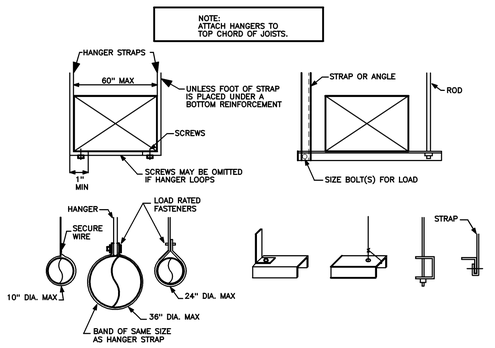
CEILING AIR DEVICE DETAILS

NO SCALE



TRANSFER DUCT W/ACOUSTICAL LINING DETAIL

NO SCALE

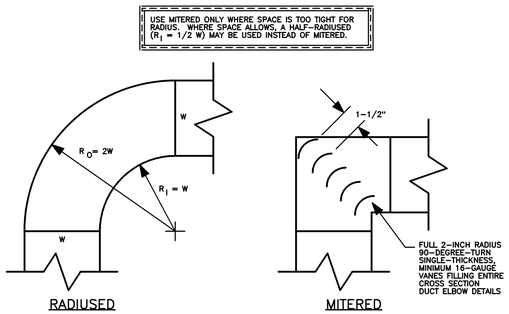


STRAP HANGERS

TRAPEZE HANGERS

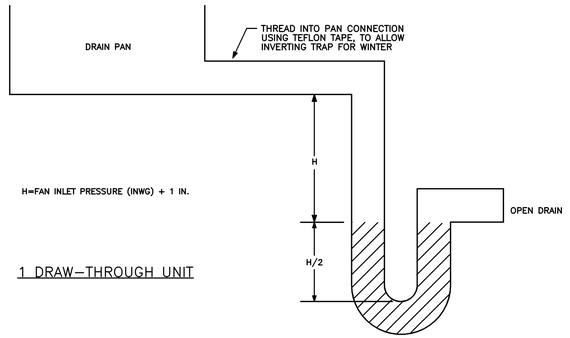
LOWER HANGER ATTACHMENT DETAILS

NO SCALE



DUCT ELBOW DETAILS

NO SCALE



CONDENSATE DRAIN TRAP DETAIL - ROOFTOP UNITS

SCALE: NONE

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Project Title

WESTGATE SHOPPING CENTER ANYTIME FITNESS

PORTLAND, MAINE

HA Project No. **11110**

Key Plan

Mark	Date	Description
–	07-13-11	ISSUED FOR CONSTRUCTION
–	06-13-11	95% REVIEW

Issue Dates

Drawing Status

Drawing Title

DETAILS AND SCHEDULES

PA / PE: **CG** Drawn By: **REM**

Drawing Number

M30.1