	FAN SCHEDULE								
TAG	TYPE	CFM	SP	HP	ELECTRIC	MANUFACTURER & MODEL	REMARKS		
EF-I	ROOF-MOUNTED DIRECT DRIVE	1350	1/2"	1/2	120V-60-1¢	ACME PRNI45G	EXISTING FAN, BACKDRAFT DAMPER AND CURB TO BE REUSED IN PLACE - ON WITH LIGHT SWITCH		
EF-2	CEILING-MOUNTED EXHAUST	110	1/4"		120V-60-14	NUTONE QTXENIIOS	HUMIDITY SENSING FAN WITH ADJUSTABLE SHUT-OFF TIME - 0.7 SONES		
EF-3	CEILING-MOUNTED EXHAUST	150	1/4"		120V-60-14	NUTONE QTXENI50	I.4 SONES - ON WITH LIGHT SWITCH		
EF-4	CEILING-MOUNTED EXHAUST	150	/4"		120V-60-ΙΦ	NUTONE QTXENI50	I.4 SONES - ON WITH LIGHT SWITCH		

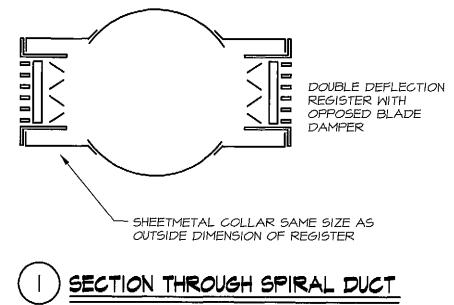
					SELF	-CONTA	INED HVAC	UNI	T SC	HEDU	JLE	
TAG AREA SERVED	SU CFM	PPLY FA ESP	N HP	ELECTRIC		NG SECTION BTUH OUTPUT	COOLING SECTION NOMINAL TOTAL BTUE	SEER	MIN. O.A.	WEIGHT (LBS)	MAKE MODEL	REMARKS
HVAC-I LOWER LEVEL	2,000	0.75"	1.0	480V-60-3P	80,000	64,000	60,000	10.0	20.0%	6 4	TRANE YSC060A4	W ECONOMIZER AND BAROMETRIC RELIEF & ROOF CURB
HVAC-2 LOWER LEVEL	2,000	0.75"	1.0	480V-60-3P	80,000	64,000	60,000	10.0	20.0%	614	TRANE YSC060A4	W ECONOMIZER AND BAROMETRIC RELIEF & ROOF CURB
HVAC-3 WEIGHT ROOM	 1,600	0.75"	1.0	480V-60-3P	80,000	64,000	48000	10.0	15.0%	597	TRANE YSCO48A4	W/ ECONOMIZER AND ROOF CURB

I) PROVIDE UNITS WITH FACTORY ELECTRONIC NIGHT SET-BACK THERMOSTATS ..

2) PROVIDE UNITS WITH FACTORY INSTALLED RETURN AIR SMOKE DETECTORS

3) PROVIDE UNITS WITH THROUGH THE BASE GAS CONNECTIONS AND THROUGH THE BASE ELECTRICAL CONNECTIONS

HEAT PUMP - SPOT HEATING/COOLING										
TAG	AREA SERVED	FULL LOAD RUNNING AMPS	ELECTRIC	HEATING BTUH @ 45 DEG	COOLING NOMINAL TOTAL BTUH	SEER	COP	WEIGHT (LBS)	MAKE MODEL	REMARKS
HP-I	BATTING CAGE	24.6 FLA 30 MCA	277\/60/1	13,300	14,000	9.4	2.9	125	SANYO STWI535H2	W WALL SLEEVE AND REMOTE CONTROL
HP-2	BATTING CAGE	24.6 FLA 30 MCA	277V/60/1	13,300	14,000	9.4	2.9	125	SANYO STWI535H2	W/ WALL SLEEVE AND REMOTE CONTROL



TION THROUGH SPIRAL DUCT
TEL 207-865-1272

ELECTRIC HEATER SCHEDULE								
TAG	SIZE	MAKE & MODEL	ELECTRIC	AMPS	REMARKS			
EH-I	2000 WATT5	QMARK AWH4407	277V-60-IP	7.22	AWH-SM SURFACE MOUNTING FRAME			
EH-2	2000 WATTS	QMARK AWH4407	277V-60-IP	7.22	OWNER SUPPLIED IN FUTURE			

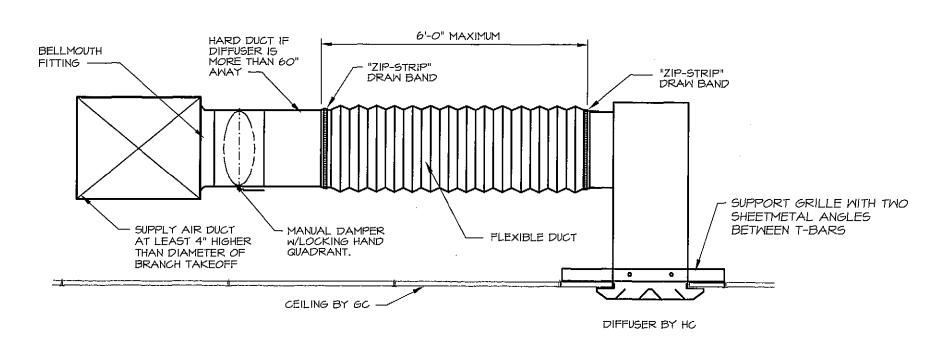
-THE ELECTRICAL WIRING FOR EH-2 WILL BE ROUGHED IN FOR FUTURE ADDITION OF EH-2

	RG&D SCHEDULE							
TAG	SIZE	MAKE & MODEL	REMARKS					
D-I		ANEMOSTAT DM	SURFACE MOUNT BEVELED FRAME- I-WAY DIFFUSER					
D-2	6"X6"	ANEMOSTAT DM	SURFACE MOUNT BEVELED FRAME- 4-WAY DIFFUSER					
D-3	9"X9"	ANEMOSTAT DM	SURFACE MOUNT BEVELED FRAME - 4-WAY DIFFUSER					
R-	14"X36"	ANEMOSTAT X3HOD	RETURN GRILLE 45DEG DEFLECTION					
R-2	12"XI2"	ANEMOSTAT X3HOD	RETURN GRILLE 45DEG DEFLECTION					
R-3	4"X 4"	ANEMOSTAT X3HOD	RETURN/EXHAUST GRILLE 45DEG. DEFLECTION					
TG-I	4"X 4"	ANEMOSTAT X3HOD	TRANSFER GRILLE (EACH SIDE OF WALL) 45DEG.					
5W-I	12"X6"	ANEMOSTAT X20HD	DOUBLE DEFLECTION W/ OPPOSED BLADE DAMPERS.					

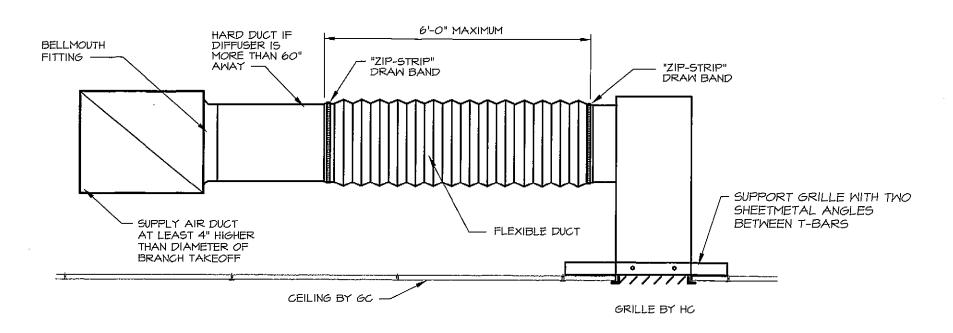
TAG - RG&D TAG CFM - SCHEDULED AIRFLOW

GENERAL NOTES

- All work shall be in accordance with the Intentional Mechanical Code, state and local laws, codes and ordinances, National Fire Code (NFPA), or these plans or specifications, whichever is more strict.
- 2. All drawings are schematic only, and are intended to indicate the intent, extent, and general arrangement of work. They are not meant to show every fitting, change of direction or every situation. Verify locations in the field. Work indicated shall be furnished complete to perform the function intended.
- Carefully coordinate the space requirements and location of ductwork with the other trade contractors. Priority given to gravity drainage piping.
- 4. No structural members shall be cored or cut without approval of the Structural Consultant.
- 5. All ductwork shall be supported from the building structure.
- 6. Insulate outside ductwork per specifications.
- 7. Insulate all interior supply ductwork with foil faced $1-\frac{1}{2}$ " duct wrap.
- 8. Mechanical contractor to install all low voltage controls and all low voltage control wiring.
- 9. Refer to Architectural reversed ceiling plans for RG&D Locations. Coordinate ductwork height with General Contractor.
- 10. Smoke detectors to be by equipment manufacturer and installed in HVAC- 1, 2 \$3 return air plenums.
- All ductwork to be fabricated and installed per SMACNA low pressure ductwork standards.
- 12. Flexible duct runs to be limited to 6"-0". All flexible ductwork to be UL 181 Listed.



2 FLEXIBLE DUCT & DIFFUSER CONNECTION DETAIL



3 FLEXIBLE DUCT & GRILLE CONNECTION DETAIL
NO SCALE



MECHANICAL SYSTEMS ENGINEERS
ROYAL RIVER CENTER, UNIT #10
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NOTES/ REVISIONS

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HADLOCK FIELD PORTLAND, ME

CLUB HOUSE

ISSUED FOR CONSTRUCTION 8/6/07

M-4

MECHANICAL SCHEDULES

M.S.E. PROJECT 0711

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