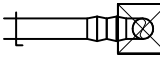

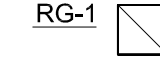
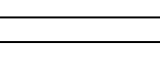


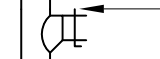


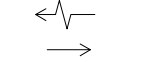
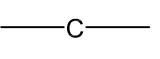
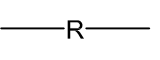


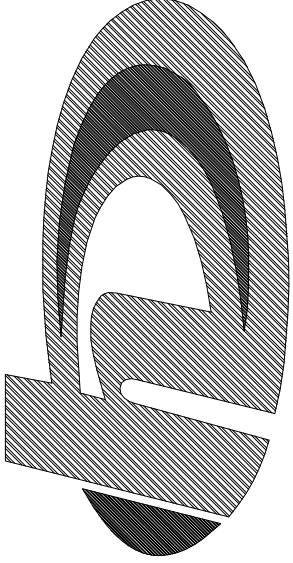
AIR DEVICE SCHEDULE								
TAG	DESCRIPTION	MFR	MODEL	FACE SIZE	FRAME SIZE	NECK	MATERIAL / FINISH	REMARKS
SRG-1	SIDEWALL RETURN GRILLE 45° DEFLECTION 3/4" O.C. SPACING. BLADES PARALLEL TO LONG DIMENSION	TITUS	3	24x12 FACE	SIDEWALL 26x14 FRAME	24x12	ALUMINUM / WHITE	SURFACE MOUNTED, UP TO 500 CFM
COORDINATE AIR DEVICE DEFLECTION ADJUSTMENTS WITH MECHANICAL ENGINEER DURING AIR BALANCE.								

MECHANICAL FAN SCHEDULE												
TAG	FAN TYPE	MFR	MODEL	DRIVE	CFM	ESP	RPM	VOLT/PH	hp / w	SONES	CONTROL TYPE	ACCESSORIES
EF-1	CABINET EXHAUST FAN	COOK	GN-520	DIRECT	300	0.25	1077	120/1	135 w	2.2	CONSTANT OPERATION	1 6 8
GENERAL REQUIREMENTS (ALL FANS)												
A. PROVIDE PRE-WIRED FACTORY MOUNTED INTEGRAL DISCONNECT DEVICE (NEMA 3R FOR EXTERIOR). B. PROVIDE VARIABLE SPEED CONTROLLER (FACTORY INSTALLED IF AVAILABLE) ON ALL DIRECT DRIVE FANS FOR FAN BALANCING. C. PROVIDE WALL SLEEVE, FAN GUARD, EXTERIOR WEATHER HOOD AND MOTORIZED DAMPER WITH TIME DELAY CONTROLS ON ALL WALL MOUNTED PROPELLER FANS. E. PROVIDE ROOF CURB TO MATCH ROOF TYPE AND SLOPE AT ALL ROOF MOUNTED FANS.												
ACCESSORIES LEGEND												
1 PROVIDE BACK DRAFT DAMPER. 2 PROVIDE MOTORIZED DAMPER WITH TIME DELAY FAN START. MECHANICAL CONTRACTOR RESPONSIBLE FOR INSTALLING FAN, ROOF CURB, BACK DRAFT DAMPER, AND ALL INTERNAL POWER AND CONTROL WIRING AS REQUIRED TO PROVIDE FULLY OPERATIONAL FAN AND DAMPER.							4 PROVIDE SPUN ALUMINUM VENT CAP, COOK MODEL "PR" WITH ROOF CURB. 5 PROVIDE MANUFACTURER'S BRICK VENT. 6 PROVIDE MANUFACTURER'S WHITE ALUMINUM GRILLE. 7 PROVIDE BIRD SCREEN. 8 PROVIDE ISOLATOR KIT.					

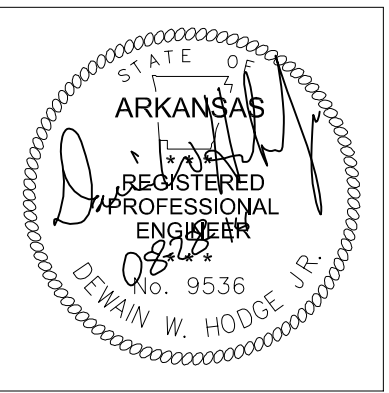
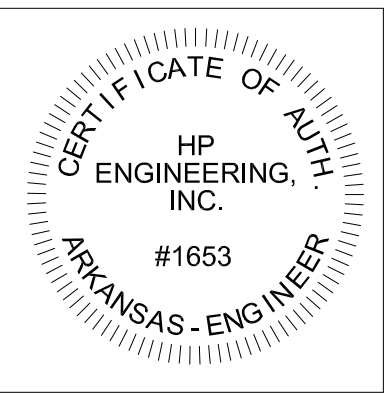
MECHANICAL DUCTWORK AND INSULATION SCHEDULE			
SERVICE	DUCT TYPE	INSULATION TYPE	INSULATION THICKNESS
EXHAUST DUCT	ROUND WRAPPED OR RECTANGULAR LINED, AS INDICATED ON PLANS.	FIBERGLASS WRAP OR MATTE FACED FIBERGLASS LINER	2" WRAP OR 1" LINER
NOTE: PROVIDE SPIRAL OVAL DUCT IN PLACE OF ROUND SPIRAL WHERE SHOWN ON PLANS OR AS REQUIRED DUE TO LIMITED SPACE.			

MECHANICAL LEGEND			
	CD-2 250	DUCTED AIR DEVICE	 RECTANGULAR DUCT (FIRST DIMENSION, SIDE SHOWN)
	RG-1	PLENUM AIR DEVICE	 ROUND DUCT
	SD-1 350	SIDEWALL AIR DEVICE	 T THERMOSTAT (INSTALL 48" A.F.F.)
		MANUAL BALANCE DAMPER	 D DUCT MOUNTED SMOKE DETECTOR
		EQUIPMENT OR DEVICE TAG	A.F.F. ABOVE FINISHED FLOOR
		AIR FLOW ARROW	A.F.G. ABOVE FINISHED GRADE
	C	CONDENSATE PIPE	CFM STANDARD CUBIC FEET PER MINUTE
	R	REFRIGERANT PIPE	(RECT.) CONTINUATION SYMBOLS (ROUND)

HP ENGINEERING INC.
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(479) 899-6370



REVISION	DATE



UofA - JFC HOCKEY
LOCKER ROOM
SPRINGDALE, AR
72762

DRAWN BY DF
CHECKED BY DA

PROJECT # 1407

DATE 08.28.14

DRAWING
MECHANICAL
ELECTRICAL
PLANS AND
SCHUDULES
ME1

