

AIR HANDLING UNIT SCHEDULE

DESIGNATION	SUPPLY FAN DATA				RETURN AIR CFM	COOLING COIL DATA					NATURAL GAS HEATING COIL			ELECTRICAL			BASIS OF DESIGN	REMARKS		
	CFM	MINIMUM OA CFM	HP	ESP (IN WG)		EAT °F		LAT °F		TOTAL (MBH)	SENSIBLE (MBH)	EAT °F	LAT °F	TOTAL (MBH)	WEIGHT (LBS)	VOLTS			PHASE	HERTZ
						DB	WB	DB	WB											
AHU-1	8000	1500	5.0	0.5	6500	79	65	54.5	53.5	291.3	211.7	62.6	65.0	193.5	2610	480	3	60	CARRIER	1, 2, 3

NOTES:
 1. UNIT TO HAVE STAGED GAS HEATING
 2. PROVIDE 120 VOLT SINGLE PHASE CONVENIENCE OUTLET AT THE AIR HANDLER
 3. MINIMUM OUTSIDE AIR WAS CALCULATED USING SECTION 403 OF THE 2015 IMC AS FOLLOWS:
 3.1 4,433 SF AT 0.16 CFM/SF = 709 CFM
 3.2 4,433 SF AT 7 PEOPLE/1000 SF AND 20 CFM/PERSON = 881 CFM (31 PEOPLE)

LOUVER SCHEDULE

DESIGNATION	SERVICE	HEIGHT	WIDTH	PRESSURE DROP (IN. W.G.)	FREE AREA (%)	BASIS OF DESIGN	REMARKS
L-1	AHU-1 INTAKE	4'-0"	3'-6"	0.15	53	GREENHECK/33RL	
L-2	BOYS RR	1'-2"	1'-2"	0.15	50	TELL SD102289/MODEL 811	
L-3	GIRLS RR	1'-2"	1'-2"	0.15	50	TELL SD102289/MODEL 811	
L-4	STORAGE ROOM	1'-2"	1'-2"	0.15	50	TELL SD102289/MODEL 811	

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1 Revision 1	

JOLLY ES GYM HVAC DESIGN
 1070 Otello Ave, Clarkston, Ga 30021

STANLEY LOVE STANLEY P & C
 ARCHITECTURE
 INTERIORS PLANNING
 PROGRAM MANAGEMENT
 1166 SPRING STREET, N.W.
 ATLANTA, GEORGIA 30309
 404.876.0599
 404.876.0817
www.stanleylove.com

DRAWING TITLE:
MECHANICAL SCHEDULES

PROFESSIONAL SEAL


 Daniel Noto
 Professional Engineer
 Georgia

mf Engineering
 382 HARMON DRIVE SUITE 730
 ATLANTA, GA 30328 678.919.2020

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RELEASED FOR CONSTRUCTION