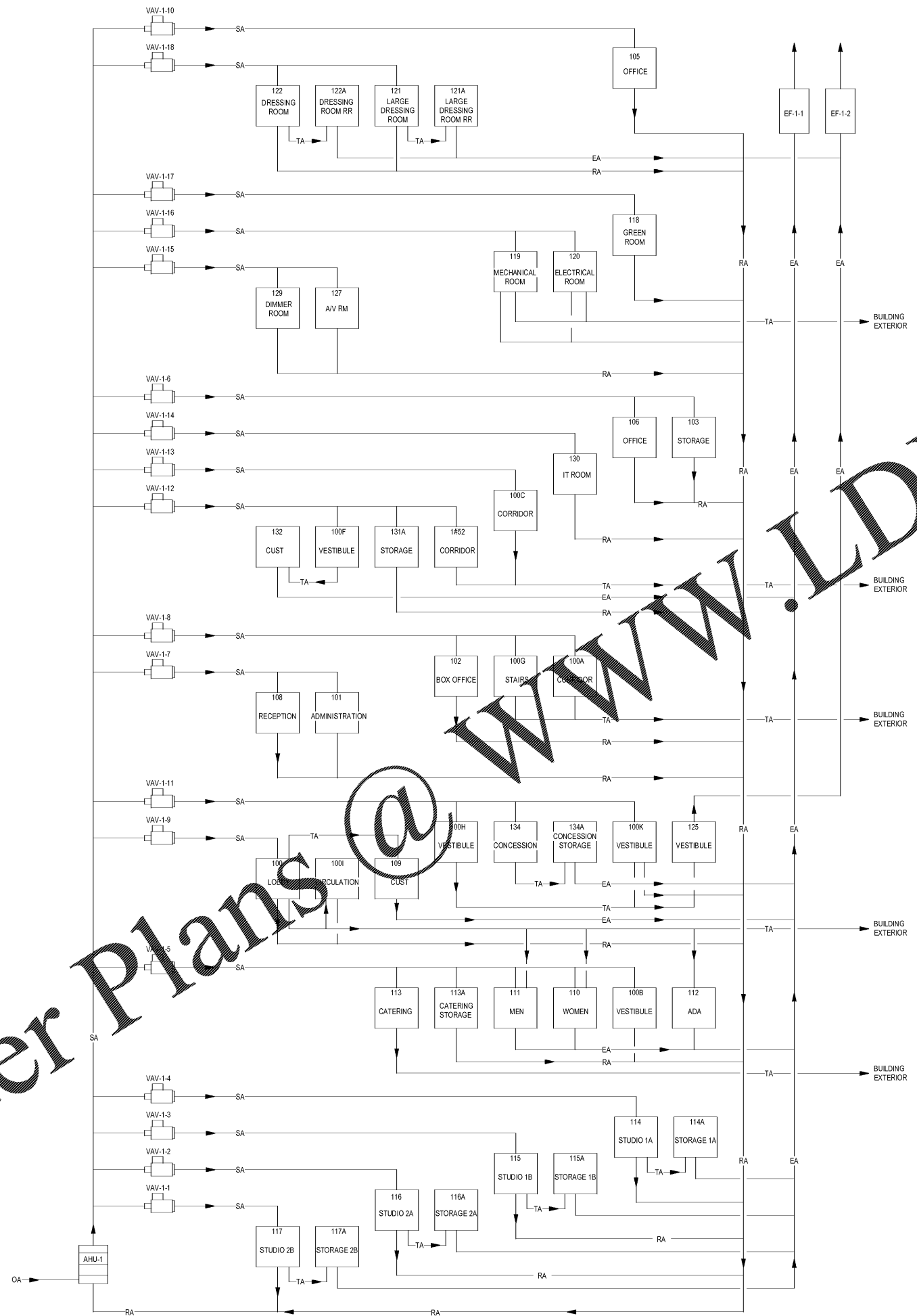


Order Plans @



AHU-1 AIR FLOW DIAGRAM

BUILDING PRESSURIZATION								
AHU	DESIGN AIRFLOWS			MAX AIRFLOW DURING DCV MODE			MIN AIRFLOW DURING DCV MODE	
	SA CFM	RA CFM	EA CFM	OA CFM	EA CFM	EXFILTRATION CFM	OA CFM	EA CFM
1	11325	7770	3555	2560	995	2655	1660	995
2	7450	5450	2000	1700	300	2000	1700	300
3	6925	4420	2505	2305	200	2505	2305	200
TOTALS			8060	6565	1495	7160	5665	1495

AIR BALANCE SCHEDULE - AHU-1						
ROOM NAME	ROOM NUMBER	DESIGN SUPPLY	DESIGN RETURN	DESIGN EXHAUST	TERMINAL UNIT ASSIGNMENT "CV-1-X" OR "VAV-1-X"	BALANCE
STUDIO 2B	117	1010	935		1	75
STORAGE 2B	117A			75	1	-75
STUDIO 2A	116	975	900		2	75
STORAGE 2A	116A			75	2	-75
STUDIO 1B	115	970	895		3	75
STORAGE 1B	115A			75	3	-75
STUDIO 1A	114	970	895		4	75
STORAGE 1A	114A			75	4	-75
CATERING	113	215		115	5	100
CATERING STORAGE	113A					
MEN	111	125			5	-130
WOMEN	110	125			5	-230
VESTIBULE	100B	50	50		5	
ADA				75	9	-75
RECEPTION	108	360	305		7	
OFFICE	101	190			6	
ADMINISTRATION	101	360			7	
BOX OFFICE	102	205	205		8	
OFFICE	101				8	
OFFICE	101				8	
OFFICE	105	165	165		10	
LOBBY	100	705	105	600	9	
VESTIBULE	100K	190	140		11	50
CONCESSION STORAGE	134A			75	11	-75
CIRCULATION	134	75			11	75
CIRCULATION	100I			75	9	-75
CUST	132			75	12	-75
VESTIBULE	100F	75			12	75
CORRIDOR	100C	380	230		13	150
STORAGE	131A	85	85		12	
IT ROOM	130	490	490		14	
DIMMER ROOM	129	250	250		15	
AV RM	127	510	510		15	
MECHANICAL	119	195	50		16	145
ELECTRICAL	120	410	310		16	100
GREEN ROOM	118	155	155		17	
DRESSING ROOM	122	85			18	85
LARGE DRESSING ROOM	121	200	125		18	75
DRESSING ROOM RR	122A			85	18	-85
LARGE DRESSING ROOM RR	121A			75	18	-75
CUST	109			75	9	-75
VESTIBULE	100H	50			11	50
STAIRS	100G	50			8	50
VESTIBULE	125			100		-100
LOBBY, 1ST FLOOR	100	1640	455	300	9	885
ADMINISTRATION STORAGE	103	50	50		6	
CORRIDOR 100A	100A	100			8	100
CORRIDOR	1#52	50			12	50
STAGE ACCESS	100D	75	75		15	
TOTALS		11325	7770	2560		995

**VOLT AIR**  
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PERMIT SET  
 05/06/2020

FGA PROJECT NUMBER  
 19048

ISSUE DATE  
 04-15-2020

REVISIONS

NO.	DATE	NOTES

SHEET NAME  
 AIR SYSTEM SCHEMATICS - HVAC

SHEET NUMBER  
 M6.1