

CONSTANT / VARIABLE VOLUME AIR VALVE

UNIT NO.	MANUFACTURER & MODEL NO.	SERVICE	AREA (SF)	TYPE OF CONTROL	QUANTITY	VALVE INLET SIZE (IN.)	CFM		MAX. CFM @ NIGHT SETBACK	CFM DURING E-POWER	AIR SYSTEM	UNIT NO.	MANUFACTURER & MODEL NO.	SERVICE	TYPE OF CONTROL	QUANTITY	VALVE INLET SIZE (IN.)	CFM			MAX. CFM @ NIGHT SETBACK	CFM DURING E-POWER	PHENOLIC COATING	AIR SYSTEM	REMARKS
							MAX.	MIN.										SETUP MAX.	OPER. MAX.	MIN.					
VAS 3102	PHOENIX	LAB 3101-3103 INTERIOR	995	VAV	1	14	1765	895	895	0	AH 5.1	VAE 3104	PHOENIX	LAB 3101-3106	VAV	2	14	N/A	3170	695	695	0	NONE	EF 5.1	
VAS 3105	PHOENIX	LAB 3104-3106 INTERIOR	845	VAV	1	14	1290	745	745	0	AH 5.1														
VAS 3104	PHOENIX	LAB 3101-3106 EXTERIOR	0	VAV	1	14	1260	200	200	0	AH 5.1														
VAS 3107	PHOENIX	BREAK 3107	630	VAV	1	12	1140	390	390	0	AH 5.1	VAE 3107	PHOENIX	BREAK 3107	VAV	1	12	N/A	840	90	90	0	NONE	EF 5.1	
VAS 3301	PHOENIX	TISSUE 3301	155	VAV	1	12	930	155	155	0	AH 5.1	VAE 3301	PHOENIX	TISSUE 3301	VAV	1	12	N/A	1065	230	230	0	NONE	EF 5.1	
VAS 3303	PHOENIX	TISSUE 3303	150	VAV	1	10	750	150	150	0	AH 5.1	VAE 3303	PHOENIX	TISSUE 3303	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.1	
CAS 3304	PHOENIX	FUME HOOD 3304	150	CV	1	8	200	200	200	0	CAE 5.1	CAE 3304A	PHOENIX	FUME HOOD 3304	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
												CAE 3304B	PHOENIX	FUME HOOD 3304	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
VAS 3306	PHOENIX	DARK ROOM 3306	120	VAV	1	8	380	120	120	0	AH 5.1	VAE 3306	PHOENIX	DARK ROOM 3306	VAV	1	8	N/A	380	195	195	0	NONE	EF 5.1	
CAS 3501A	PHOENIX	AH 5.1 CHILLED BEAM OSA	2375	CV	1	14	1960	1960	1960	0	CAE 5.1	CAE 3603	PHOENIX	TOILET 3603, 3604	CV	1	8	N/A	240	240	240	0	NONE	EF 5.1	
VAS 3606	PHOENIX	LAB 3605-3607 INTERIOR	845	VAV	1	12	1125	745	745	0	AH 5.1	VAE 3608	PHOENIX	LAB 3605-3610	VAV	2	14	N/A	3260	695	695	0	NONE	EF 5.1	
VAS 3609	PHOENIX	LAB 3608-3610 INTERIOR	995	VAV	1	14	1600	895	895	0	AH 5.1														
VAS 3608	PHOENIX	LAB 3605-3610 EXTERIOR	0	VAV	1	14	1680	200	200	0	AH 5.1														
VAS 3605	PHOENIX	TISSUE 3605	150	VAV	1	10	750	150	150	0	AH 5.1	VAE 3605	PHOENIX	TISSUE 3605	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.1	
38 3606	PHOENIX	LAB SUPPORT 3606	120	VAV	1	8	380	120	120	0	AH 5.1	VAE 3606	PHOENIX	LAB SUPPORT 3606	VAV	1	8	N/A	380	125	125	0	NONE	EF 5.1	
CAS 3607	PHOENIX	FUME HOOD 3607	150	CV	1	8	200	200	200	0	CAE 5.1	CAE 3607A	PHOENIX	FUME HOOD 3607	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
												CAE 3607B	PHOENIX	FUME HOOD 3607	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
VAS 3608	PHOENIX	TISSUE 3608	150	VAV	1	10	750	150	150	0	AH 5.1	VAE 3608	PHOENIX	TISSUE 3608	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.1	
VAS 3610	PHOENIX	ELECTRICAL 3610	155	VAV	1	12	1130	90	90	0	AH 5.1	VAE 3610	PHOENIX	ELECTRICAL 3610	VAV	1	14	N/A	1800	760	760	0	NONE	EF 5.1	
VAS 3109	PHOENIX	LAB 3108-3110 INTERIOR	995	VAV	1	14	1735	895	895	0	AH 5.2	VAE 3111	PHOENIX	LAB 3108-3113	VAV	2	14	N/A	3260	845	845	0	NONE	EF 5.2	
VAS 3112	PHOENIX	LAB 3111-3113 INTERIOR	845	VAV	1	14	1260	745	745	0	AH 5.2														
VAS 3111	PHOENIX	LAB 3108-3113 EXTERIOR	0	VAV	1	14	1260	200	200	0	AH 5.2														
VAS 3308	PHOENIX	TISSUE 3308	150	VAV	1	10	750	150	150	0	AH 5.2	VAE 3308	PHOENIX	TISSUE 3308	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.2	
VAS 3310	PHOENIX	LAB SUPPORT 3310	150	VAV	1	8	475	150	150	0	AH 5.2	VAE 3310	PHOENIX	LAB SUPPORT 3310	VAV	1	8	N/A	550	225	225	0	NONE	EF 5.2	
CAS 3311	PHOENIX	FUME HOOD 3311	150	CV	1	8	250	250	250	0	CAE 5.2	CAE 3311A	PHOENIX	FUME HOOD 3311	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
												CAE 3311B	PHOENIX	FUME HOOD 3311	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
VAS 3312	PHOENIX	TISSUE 3312	150	VAV	1	10	750	150	150	0	AH 5.2	VAE 3312	PHOENIX	TISSUE 3312	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.2	
VAS 3313	PHOENIX	DARK ROOM 3313	50	VAV	1	8	160	50	50	0	AH 5.2	VAE 3313	PHOENIX	DARK ROOM 3313	VAV	1	8	N/A	235	125	125	0	NONE	EF 5.2	
CAS 3501B	PHOENIX	AH 5.2 CHILLED BEAM OSA	3355	CV	2	14	3935	3935	3935	0	CAE 5.2														
VAS 3811	PHOENIX	ENTRY 3811	620	VAV	1	10	750	200	200	0	AH 5.2	VAE 3811	PHOENIX	ENTRY 3811	VAV	1	10	N/A	600	50	50	0	NONE	EF 5.2	
VAS 3813	PHOENIX	LAB 3812-3814 INTERIOR	925	VAV	1	12	1395	825	825	0	AH 5.2	VAE 3815	PHOENIX	LAB 3812-3817	VAV	2	14	N/A	3670	1125	1125	0	NONE	EF 5.2	
VAS 3816	PHOENIX	LAB 3815-3817 INTERIOR	910	VAV	1	14	1660	910	910	0	AH 5.2														
VAS 3815	PHOENIX	LAB 3812-3817 EXTERIOR	0	VAV	1	14	1680	200	200	0	AH 5.2														
VAS 3614	PHOENIX	TISSUE 3614	150	VAV	1	10	750	150	150	0	AH 5.2	VAE 3614	PHOENIX	TISSUE 3614	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.2	
CAS 3615	PHOENIX	FUME HOOD 3615	150	CV	1	8	200	200	200	0	CAE 5.2	CAE 3615A	PHOENIX	FUME HOOD 3615	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
												CAE 3615B	PHOENIX	FUME HOOD 3615	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
VAS 3616	PHOENIX	TISSUE 3616	120	VAV	1	10	600	120	120	0	AH 5.2	VAE 3616	PHOENIX	TISSUE 3616	VAV	1	10	N/A	675	195	195	0	NONE	EF 5.2	
												CAE 3319	PHOENIX	RESTROOMS 3319, 3824	CV	1	14	N/A	1870	1870	1870	0	NONE	EF 5.2	

MECHANICAL SCHEDULES

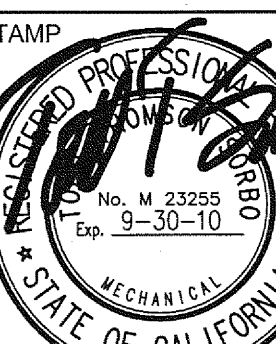
SCALE
NONE

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M0010

SHEET NAME
MECHANICAL SCHEDULES

DRAWN BY: Author
PROJECT # 200725.000
SHEET NUMBER



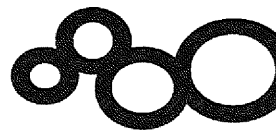
APPROVED FOR CONSTRUCTION	
DATE	4/21/10
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PRELIMINARY DRAWINGS	☐
PROGRESS DRAWINGS	☐
REVIEW DRAWINGS	☐
CONSTRUCTION DRAWINGS	☒

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ISSUED FOR	DATE
Pre-Schematic Design	07/14/2008
Schematic Design	07/28/2008
BID PK #1	10/06/2008
50% PHOTOPRINT	10/24/2008
BID PK #1 80 CD	12/01/2008
BID PK #1 100 CD	02/16/2009
100% CD	05/08/2009
CD 4	01/07/2010
CD 1	02/26/2010
CD 2	02/26/2010
CD 4	04/15/2010