

CONSTANT / VARIABLE VOLUME AIR VALVE

UNIT NO.	MANUFACTURER & MODEL NO.	SERVICE	AREA (SF)	TYPE OF CONTROL	QUANTITY	VALVE INLET SIZE (N.)	CFM		MAX. CFM @ NIGHT SETBACK	CFM DURING E-POWER	AIR SYSTEM	UNIT NO.	MANUFACTURER & MODEL NO.	SERVICE	TYPE OF CONTROL	QUANTITY	VALVE INLET SIZE (N.)	CFM			MAX. CFM @ NIGHT SETBACK	CFM DURING E-POWER	PNEUMOLIC COATING	AIR SYSTEM	REMARKS
							MAX.	MIN.										SETUP MAX.	OPER. MAX.	MIN.					
VAS 2301	PHOENIX	TISSUE 2301	155	VAV	1	12	930	155	155	0	AH 5.1	VAE 2301	PHOENIX	TISSUE 2301	VAV	1	12	N/A	1005	230	230	0	NONE	EF 5.1	
VAS 2303	PHOENIX	TISSUE 2303	150	VAV	1	10	750	150	150	0	AH 5.1	VAE 2303	PHOENIX	TISSUE 2303	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.1	
CAS 2304	PHOENIX	FUME HOOD 2304	150	CV	1	8	200	200	200	0	AH 5.1	CAE 2304A	PHOENIX	FUME HOOD 2304	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
							REF 2.3					CAE 2304B	PHOENIX	FUME HOOD 2304	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
VAS 2306	PHOENIX	TISSUE 2306	135	VAV	1	8	425	135	135	0	AH 5.1	VAE 2306	PHOENIX	TISSUE 2306	VAV	1	8	N/A	500	210	210	0	NONE	EF 5.1	
CAS 2501A	PHOENIX	AH 5.1 CHILLED BEAM CSA	2375	CV	1	14	1960	1960	1960	0	AH 5.1	CAE 2603	PHOENIX	TOILET 2603, 2604	CV	1	8	N/A	240	240	240	0	NONE	EF 5.1	
							REF 2.3																		
VAS 2806	PHOENIX	LAB 2805-2807 INTERIOR	845	VAV	1	12	1125	745	745	0	AH 5.1	VAE 2808	PHOENIX	LAB 2805-2810	VAV	2	14	N/A	3260	695	695	0	NONE	EF 5.1	
VAS 2807	PHOENIX	LAB 2808-2810 INTERIOR	995	VAV	1	14	1600	895	895	0	AH 5.1														
VAS 2808	PHOENIX	LAB 2805-2810 EXTERIOR	0	VAV	1	14	1680	200	200	0	AH 5.1														
VAS 2605	PHOENIX	TISSUE 2605	150	VAV	1	10	750	150	150	0	AH 5.1	VAE 2605	PHOENIX	TISSUE 2605	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.1	
VAS 2606	PHOENIX	LAB SUPPORT 2606	120	VAV	1	8	380	120	120	0	AH 5.1	VAE 2606	PHOENIX	LAB SUPPORT 2606	VAV	1	8	N/A	455	195	195	0	NONE	EF 5.1	
CAS 2607	PHOENIX	FUME HOOD 2607	150	CV	1	8	200	200	200	0	AH 5.1	CAE 2607A	PHOENIX	FUME HOOD 2607	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
												CAE 2607B	PHOENIX	FUME HOOD 2607	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
VAS 2608	PHOENIX	TISSUE 2608	150	VAV	1	10	750	150	150	0	AH 5.1	VAE 2608	PHOENIX	TISSUE 2608	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.1	
VAS 2610	PHOENIX	ELECTRICAL 2610	155	VAV	1	12	1130	90	90	0	AH 5.1	VAE 2610	PHOENIX	ELECTRICAL 2610	VAV	1	14	N/A	1800	760	760	0	NONE	EF 5.1	
VAS 2109	PHOENIX	LAB 2108-2110 INTERIOR	995	VAV	1	14	1735	895	895	0	AH 5.2	VAE 2111	PHOENIX	LAB 2108-2113	VAV	2	14	N/A	3260	845	845	0	NONE	EF 5.2	
VAS 2112	PHOENIX	LAB 2111-2113 INTERIOR	845	VAV	1	14	1260	745	745	0	AH 5.2														
VAS 2111	PHOENIX	LAB 2108-2113 EXTERIOR	0	VAV	1	14	1260	200	200	0	AH 5.2														
VAS 2308	PHOENIX	TISSUE 2308	150	VAV	1	10	750	150	150	0	AH 5.2	VAE 2308	PHOENIX	TISSUE 2308	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.2	
VAS 2310	PHOENIX	LAB SUPPORT 2310	150	VAV	1	8	475	150	150	0	AH 5.2	VAE 2310	PHOENIX	LAB SUPPORT 2310	VAV	1	8	N/A	550	225	225	0	NONE	EF 5.2	
CAS 2311	PHOENIX	FUME HOOD 2311	150	CV	1	8	250	250	250	0	AH 5.2	CAE 2311A	PHOENIX	FUME HOOD 2311	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
							REF 2.3					CAE 2311B	PHOENIX	FUME HOOD 2311	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
VAS 2312	PHOENIX	TISSUE 2312	150	VAV	1	10	750	150	150	0	AH 5.2	VAE 2312	PHOENIX	TISSUE 2312	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.2	
VAS 2313	PHOENIX	LAB SUPPORT 2313	80	VAV	1	8	255	80	80	0	AH 5.2	VAE 2313	PHOENIX	LAB SUPPORT 2313	VAV	1	8	N/A	330	155	155	0	NONE	EF 5.2	
																		REF 2.3							
CAS 2501B	PHOENIX	AH 5.2 CHILLED BEAM CSA	3355	CV	2	14	2935	2935	2935	0	AH 5.2														
							REF 2.3																		
VAS 2811	PHOENIX	BREAK 2811	620	VAV	1	14	1230	390	390	0	AH 5.2	VAE 2811	PHOENIX	BREAK 2811	VAV	1	12	N/A	930	90	90	0	NONE	EF 5.2	
VAS 2813	PHOENIX	LAB 2812-2814 INTERIOR	925	VAV	1	12	1395	825	825	0	AH 5.2	VAE 2815	PHOENIX	LAB 2812-2817	VAV	2	14	N/A	3670	1125	1125	0	NONE	EF 5.2	
VAS 2816	PHOENIX	LAB 2815-2817 INTERIOR	REF 2.3 1010	VAV	1	14	REF 2.3 1660	910	910	0	AH 5.2							REF 2.38							
VAS 2815	PHOENIX	LAB 2812-2817 EXTERIOR	0	VAV	1	14	1680	200	200	0	AH 5.2														
VAS 2614	PHOENIX	TISSUE 2614	150	VAV	1	10	750	150	150	0	AH 5.2	VAE 2614	PHOENIX	TISSUE 2614	VAV	1	12	N/A	825	225	225	0	NONE	EF 5.2	
CAS 2615	PHOENIX	FUME HOOD 2615	150	CV	1	8	200	200	200	0	AH 5.2	CAE 2615A	PHOENIX	FUME HOOD 2615	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
							REF 2.3					CAE 2615B	PHOENIX	FUME HOOD 2615	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
VAS 2616	PHOENIX	TISSUE 2616	120	VAV	1	10	600	120	120	0	AH 5.2	VAE 2616	PHOENIX	TISSUE 2616	VAV	1	10	N/A	675	195	195	0	NONE	EF 5.2	
																			REF 2.3					5.2	
CAS 2819	PHOENIX	ARL 2819, AIRLOCK 2818	620	CV	1	12	960	960	960	0	AH 1.1	CAE 2819	PHOENIX	ARL 2819, AIRLOCK 2818	CV	1	10	N/A	750	750	750	0	NONE	EF 5.3	
VAS 2820	PHOENIX	PROC 2820	185	VAV	1	8	520	185	185	0	AH 1.1	VAE 2820	PHOENIX	PROC 2820	VAV	1	10	N/A	595	260	260	0	NONE	EF 5.3	
CAS 2821	PHOENIX	PROC 2921	120	CV	1	8	425	425	425	0	AH 1.1	CAE 2821	PHOENIX	PROC 2921	CV	1	8	N/A	500	500	500	0	NONE	EF 5.3	PROVIDE 2-POSITION VALVES

APPROVED FOR FIRE AND FAULTS ONLY
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STATE OF CALIFORNIA
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PRELIMINARY DRAWINGS
PROGRESS DRAWINGS
REVIEW DRAWINGS
CONSTRUCTION DRAWINGS

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MECHANICAL SCHEDULES

SCALE

1

M0009

SHEET NAME

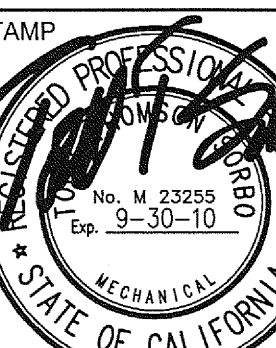
MECHANICAL SCHEDULES

DRAWN BY: Author

PROJECT # 70725.000

SHEET NUMBER

SANFORD CONSORTIUM FOR REGENERATIVE MEDICINE

2880 TORREY PINES SCENIC DRIVE
LA JOLLA, CALIFORNIA 92037xerth
ARCHITECTS
10000 LA BREA BLVD, SUITE 100
SAN DIEGO, CA 92121
(619) 594-1000
www.xerth.comCONSULTANT
Lankford/Phelps Consortium LLC
10000 LA BREA BLVD, SUITE 100
SAN DIEGO, CA 92121
(619) 594-1000
www.lankfordphelps.comFENTRESS ARCHITECTS
445 WILSON AVENUE, SUITE 200
SAN DIEGO, CA 92101
(619) 594-1000
www.fentress.com

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MECHANICAL SCHEDULES

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M0009

ISSUED FOR	DATE
Pre-Schematic Design	07/14/2008
Schematic Design	07/28/2008
BID PK #1	10/08/2008
50% Progress	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
COB 1	02/26/2010
COB 2	02/26/2010
CD 4	04/15/2010