

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: **0406838**
Insp Area: **4**
Thos Bros: **278A4**

Site Address: **1219 LOS ROBLES BL SAC**
Parcel No: **251-0211-023**

Sub-Type: **RES**
Housing (Y/N): **N**

CONTRACTOR
VALENTINE HEATING AND AIR
2349 NORTH AV
SACRAMENTO CA

OWNER
PINKHAM EUGENE E JR/ TRACY MURRAY
1219 LOS ROBLES BL
SACRAMENTO CA 95838

ARCHITECT

Nature of Work: NEW HVAC CUT IN, SPLIT SYS

CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C-20 License Number 745634 Date 5-4-04 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

____ I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

____ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

____ I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the above mentioned property for inspection purposes.

Date 5-4-04 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

____ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

____ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier **NO EMPLOYEES** Policy Number _____ Exp Date _____

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forth with comply with those provisions.

Date 5-4-04 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

CLARK HEATING & AIR CONDITIONING

Contractor License #808427

SYSTEM SURVEY

9341 Greenback LN. Orangevale, CA 95662 (916) 988-1658 (916) 988-1992 fax

January 29th, 2007

C6031 "BUILDING C"

AIR BALANCE REPORT

KBAR CONSTRUCTION-NATIONAL SELF
STORAGE

5408 GARDEN HIGHWAY

SACRAMENTO, CA

HEATING & AIR CONTRACTOR: CLARK CONDITIONING

ARCHITECH: ARCHITECHTURE & INTERIORS

TEST PERFORMED BY: MICHAEL BAKER

Permit #
0406838

Please Micorfil

Clark Air Conditioning & Heating Po Box 368 Orangevale, Ca 95662 Lic #808427		Job No. C6031	
		Section	Page 1
Fan Outlet Test Data		Date 1/26/2007	
K-Bar Construction National Self Storage Garden Hwy, Sac		Unit IU-C1	

Area Served									
Motor Name Plate Data		Data Item	Design	Test 1	Test 2				
MFG	Trane	Volts	208						
Hp	1	Amps	n/a						
PH	1	BHP	n/a						
Sheave Data		RPM	n/a						
Dia	Shaft	SP-	1"						
Adj %	Fixed	Sp+	1"						
Fan Name Plate Data		Tsp/Esp							
Mfg		Filter sp	.75						
Model		CFM Total	2000	1645	1888				
Type		CFM RA	1660	1210	1502				
Size		CFM OA min	340	435	380				
Sheave Data		CFM	2000						
Dia	Shaft								
Belts									

Room	Fan Submittal Data		Factor	Design		Test 1		Test 2		Test 3	
	No.	Opening Type Size		FPM	CFM	FPM	CFM	FMP	CFM	FMP	CFM
Hall											
1	1	mod 12x12		NA	250	380	273	315	233		
2	2	" 12x12			250	246	177	302	220		
3	3	" 9x9			250	240	96	308	225		
4	4	" 9x9			250	185	74	288	218		
5	5	" 12x12			250	280	201	312	230		
6	6	" 9x9			250	160	64	305	224		
7	7	" 9x9			250	235	95	303	222		
8	8	" 9x9			250	230	92	288	218		
9	9	" 9x9			250	345	138	282	210		
** design is over rated output of 2000cfm											

Remarks: _____

Clark Air Conditioning & Heating
 Po Box 368
 Orangevale, Ca 95662 Lic #808427

Job No. C6031

Section Page 1

Fan Outlet Test Data

Date 1/26/2007

K-Bar Construction National Self Storage
 Garden Hwy, Sac

Unit Bldg C IU-C2

Area Served Bldg C 1st Floor

Motor Name Plate Data		Data Item	Design	Test 1	Test 2				
MFG	Trane	Volts	208						
Hp	1	Amps	n/a						
PH	1	BHP	n/a						
Sheave Data		RPM	n/a						
Dia	Shaft	SP-	1"						
Adj %	Fixed	Sp+	1"						
Fan Name Plate Data		Tsp/Esp							
Mfg		Filter sp	.75						
Model		CFM Total	2000	1494	1980				
Type		CFM RA	1660	1209	1610				
Size		CFM OA min	340	285	390				
Sheave Data		CFM	2000						
Dia	Shaft								
Belts									

Room	Fan Submittal Data		Factor	FPM	Design		Test 1		Test 2		Test 3	
	Opening				CFM	FPM	CFM	FMP	CFM	FMP	CFM	FMP
Hall	No.	Type	Size									
#1	mod.		12x12		NA	330	620	446	410	360		
#2	"		12x12			330	560	403	415	365		
#3	"		12x12			330	380	273	389	320		
#4	"		9x9			330	285	114	372	312		
#5	"		9x9			330	230	92	375	313		
#6	"		9x9			330	415	166	365	310		

Remarks: _____

Clark Air Conditioning & Heating
 Po Box 368
 Orangevale, Ca 95662 Lic #808427

Job No. C6031

Section Page 1

Fan Outlet Test Data

Date 1/26/2007

K-Bar Construction National Self Storage
 Garden Hwy, Sac

Unit Bldg C IU-C3

Area Served Bldg C 1st Floor

Motor Name Plate Data		Data Item	Design	Test 1	Test 2				
MFG	Trane	Volts	208						
Hp	1	Amps	n/a						
PH	1	BHP	n/a						
Sheave Data		RPM	n/a						
Dia	Shaft	SP-	1"						
Adj %	Fixed	Sp+	1"						
Fan Name Plate Data		Tsp/Esp							
Mfg		Filter sp	.75						
Model		CFM Total	2000	1561	1885				
Type		CFM RA	1660	1321	1565				
Size		CFM OA min	340	240	320				
Sheave Data		CFM	2000						
Dia	Shaft								
Belts									

Room	Fan Submittal Data			Factor	FPM	Design			Test 1			Test 2			Test 3			
	No.	Type	Size			CFM	FPM	CFM	FMP	CFM	FMP	CFM	FMP	CFM	FMP	CFM		
Hall																		
#1	mod.		12x12	1	NA	180	400	288	302	180								
#2	"		9x9	1		180	540	216	304	182								
#3	"		9x9	1		180	330	132	290	170								
#4	"		9x9	1		180	360	144	290	170								
#5	"		9x9	1		180	290	116	285	168								
#6	"		12x12	1		180	346	249	298	175								
#7	"		12x12	1		180	270	108	290	170								
#8	"		9x9	1		180	241	96	282	165								
#9	"		9x9	1		180	170	68	282	165								
#10	"		9x9	1		180	182	72	290	170								
#11	"		9x9	1		180	180	72	290	170								

Remarks: _____

Clark Air Conditioning & Heating
 Po Box 368
 Orangevale, Ca 95662 Lic #808427

Job No. C6031

Section Page 1

Fan Outlet Test Data

Date 1/26/2007

K-Bar Construction National Self Storage
 Garden Hwy, Sac

Unit Bldg C IU-C5

Area Served Bldg C 1st Floor

Motor Name Plate Data			Data Item	Design	Test 1	Test 2					
MFG	Trane		Volts	208							
Hp	1		Amps	n/a							
PH	1		BHP	n/a							
Sheave Data			RPM	n/a							
Dia	Shaft		SP-	1"							
Adj %	Fixed		Sp+	1"							
Fan Name Plate Data			Tsp/Esp								
Mfg			Filter sp	.75							
Model			CFM Total	2000	1401	1401					
Type			CFM RA	1660	1114	1108					
Size			CFM OA min	340	287	293					
Sheave Data			CFM	2000							
Dia	Shaft										
Belts											
Room	Fan Submittal Data		Design	Test 1	Test 2	Test 3					
	Opening		Factor	FPM	CFM	FPM	CFM	FMP	CFM	FMP	CFM
Hall	No.	Type	Size								
#1	mod.		9x9	1	NA	200	590	236	550	226	
#2	"		9x9	1		200	540	216	530	200	
#3	"		9x9	1		200	520	209	530	200	
#4	"		9x9	1		200	440	177	523	195	
#5	"		9x9	1		200	380	153	518	188	
#6	"		9x9	1		200	360	145	516	185	
#7	"		9x9	1		200	620	265	535	207	

Remarks:

Clark Air Conditioning & Heating
 Po Box 368
 Orangevale, Ca 95662 Lic #808427

Job No. **C6031**

Section _____ Page **1**

Fan Outlet Test Data

Date **1/26/2007**

K-Bar Construction National Self Storage
 Garden Hwy, Sac

Unit **Bldg C IU-C6**

Area Served **Bldg C 1st Floor**

Motor Name Plate Data		Data Item	Design	Test 1	Test 2				
MFG	Trane	Volts	208						
Hp	1	Amps	n/a						
PH	1	BHP	n/a						
Sheave Data		RPM	n/a						
Dia	Shaft	SP-	1"						
Adj %	Fixed	Sp+	1"						
Fan Name Plate Data		Tsp/Esp							
Mfg		Filter sp	.75						
Model		CFM Total	2000	2000	1955				
Type		CFM RA	1660	1645	1600				
Size		CFM OA min	340	295	355				
Sheave Data		CFM	2000						
Dia	Shaft								
Belts									

Fan Submittal Data			Design		Test 1		Test 2		Test 3		
Room	Opening		Factor	FPM	CFM	FPM	CFM	FMP	CFM	FMP	CFM
Hall	No.	Type	Size								
#1	mod.		12x12	1	NA	400	450	324	445	320	
#2	"		12x12	1		400	480	345	445	320	
#3	"		12x12	1		400	390	280	415	301	
#4	"		12x12	1		400	500	360	450	330	
#5	"		12x12	1		400	472	339	444	339	
#6	"		12x12	1		400	489	352	480	345	

Remarks: _____

Clark Air Conditioning & Heating
Po Box 368
Orangevale, Ca 95662 Lic #808427

Job No. **C6031**

Section Page 1

Fan Outlet Test Data

Date 1/26/2007

K-Bar Construction National Self Storage
 Garden Hwy, Sac

Unit Bldg C IU-C7

Area Served Bldg C 1st Floor

Motor Name Plate Data			Data Item	Design	Test 1	Test 2					
MFG	Trane		Volts	208							
Hp	1		Amps	n/a							
PH	1		BHP	n/a							
Sheave Data			RPM	n/a							
Dia	Shaft		SP-	1"							
Adj %	Fixed		Sp+	1"							
Fan Name Plate Data			Tsp/Esp								
Mfg			Filter sp	.75							
Model			CFM Total	2000	2014	1987					
Type			CFM RA	1660	1629	1617					
Size			CFM OA min	340	385	370					
Sheave Data			CFM	2000							
Dia	Shaft										
Belts											
Room	Fan Submittal Data		Design		Test 1		Test 2		Test 3		
	Opening		Factor	FPM	CFM	FPM	CFM	FMP	CFM	FMP	CFM
Hall	No.	Type	Size								
#1	mod.		12x12	1	NA	500	640	460	692	487	
#2	"		12x12	1		500	660	475	703	493	
#3	"		12x12	1		500	760	547	734	502	
#4	"		12x12	1		500	740	532	738	505	

Remarks: _____

Clark Air Conditioning & Heating
 Po Box 368
 Orangevale, Ca 95662 Lic #808427

Job No. **C6031**

Section Page 1

Fan Outlet Test Data

Date 1/26/2007

K-Bar Construction National Self Storage
 Garden Hwy, Sac

Unit Bldg C IU-C8

Area Served		Bldg C 1st Floor									
Motor Name Plate Data		Data Item	Design	Test 1	Test 2						
MFG	Trane	Volts	208								
Hp	1	Amps	n/a								
PH	1	BHP	n/a								
Sheave Data		RPM	n/a								
Dia	Shaft	SP-	1"								
Adj %	Fixed	Sp+	1"								
Fan Name Plate Data		Tsp/Esp									
Mfg		Filter sp	.75								
Model		CFM Total	2000	1380	1771						
Type		CFM RA	1660	1160	1487						
Size		CFM OA min	340	220	284						
Sheave Data		CFM	2000								
Dia	Shaft										
Belts											

	Fan Submittal Data			Design		Test 1		Test 2		Test 3	
Room	Opening		Factor	FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
Hall	No.	Type	Size								
#1	mod.		9x9	1	NA	250	590	236	585	230	
#2	"		9x9	1		250	540	216	594	240	
#3	"		9x9	1		250	563	225	576	232	
#4	"		9x9	1		250	440	176	520	220	
#5	"		9x9	1		250	400	160	515	215	
#6	"		9x9	1		250	398	159	512	214	
#7	"		9x9	1		250	281	112	505	210	
#8	"		9x9	1		250	240	96	505	210	

Remarks: _____

Clark Air Conditioning & Heating
 Po Box 368
 Orangevale, Ca 95662 Lic #808427

Job No. C6031

Section _____ Page 1

Fan Outlet Test Data

Date 1/26/2007

K-Bar Construction National Self Storage
 Garden Hwy, Sac

Unit Bldg C IU-C9

Area Served		Bldg C 1st Floor											
Motor Name Plate Data				Data Item	Design	Test 1	Test 2						
MFG	Trane			Volts	208								
Hp	1			Amps	n/a								
PH	1			BHP	n/a								
Sheave Data				RPM	n/a								
Dia	Shaft			SP-	1"								
Adj %	Fixed			Sp+	1"								
Fan Name Plate Data				Tsp/Esp									
Mfg				Filter sp	.75								
Model				CFM Total	2000	1322	1795						
Type				CFM RA	1660	1035	1475						
Size				CFM OA min	340	287	320						
Sheave Data				CFM	2000								
Dia	Shaft												
Belts													
	Fan Submittal Data			Design		Test 1		Test 2		Test 3			
Room	Opening		Factor	FPM	CFM	FPM	CFM	FMP	CFM	FMP	CFM		
Hall	No.	Type	Size										
#1	mod.		9x9	1	NA	200	450	180	505	198			
#2	"		9x9	1		200	430	172	485	185			
#3	"		9x9	1		200	340	136	440	175			
#4	"		9x9	1		200	440	176	440	185			
#5	"		9x9	1		200	390	156	445	177			
#6	"		9x9	1		200	385	154	485	185			
#7	"		9x9	1		200	340	136	480	180			
#8	"		9x9	1		200	240	96	440	175			
#9	"		9x9	1		200	100	72	439	170			
#10	"		9x9	1		200	110	44	435	165			

Remarks: