

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0102513

Insp Area: 1

Thos Bros:

Sub-Type: REM

Housing (Y/N): N

Site Address: 1725 28TH ST SAC

Parcel No: 007-0344-003

BLDG A

CONTRACTOR

WEST FORK CONSTRUCTION
3801 POWER INN RD
SACRAMENTO CA 95826

OWNER

28TH & Q LLC
3321 POWER INN RD
SAC CA 95826

ARCHITECT

Nature of Work: EXTERIOR AND INTERIOR.OFFICE BLDG REMODEL&SITE WK

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 _____ License Number 724016 Date 9/18/01 Contractor Signature Gordon Wells

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 abovementioned property for inspection purposes.

Date 9/18/01 Applicant/Agent Signature Gordon Wells

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

I have and will maintain a certificate of insurance or 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 STATE FUND NEIGHBORHOODS, PLANNING AND DEVELOPMENT SERVICES Policy Number 229-01 UNIT 0019113 Exp Date 01/01/2002

(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 forthwith comply with those provisions.

Date 9/18/01 Applicant Signature Gordon Wells

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.

CITY OF SACRAMENTO

30 DAY TEMPORARY
Certificate of Occupancy

For Information Contact (916) 264-5716

Building Address: 1725 - 28TH ST BLD. A Permit No. 0102513

Building Use: OFFICE Occupancy: B

Building Owner: 28TH & Q LLC Construction Type: _____

Owner Address: 3321 POWER INN RD SAC. Sprinkled? [X] Yes [] No

Portion of Building Occupied: BLD. A PHASE 1 Area: _____ Sq. Ft.

Specific purpose for temporary occupancy and/or conditions/limitations of temporary occupancy:

3/12/02 DHAY  DENNIS RICHARDSON
Date By:Print Sign CITY BUILDING OFFICIAL

[TCO approvals:DP, SLG,RLB,MG,SB]

BC 109.4 TEMPORARY CERTIFICATE

If the Chief Building Official finds that no substantial hazard will result from occupancy of any building or portion thereof before the same is completed, a temporary Certificate of Occupancy may be issued for the use of a portion or portions of a building or structure prior to the completion for the entire building or structure.

POST IN A CONSPICUOUS PLACE



**WALLACE - KUHL
& ASSOCIATES INC.**

Geotechnical Engineering

Engineering/Technology

Environmental Consulting

Remediation Services

Construction Inspection

Materials Testing

May 16, 2002

Mr. George Separovich
28th & Q LLC
c/o Separovich-Domich
3321 Power Inn Road
Sacramento, California 95826

Special Inspection Final Report
COUNTY DHA BUILDING "A" RETROFIT – EAST HALF
Permit No. 0102513
WKA No. 4710.03

In accordance with City of Sacramento special inspection requirements, our firm has performed *Special Inspection and Testing* in accordance with Sections 106 and 1701 of the Uniform Building Code for the subject project. This report covers testing and inspection of work performed between May 8, 2001 and February 6, 2002. Our observation and test results indicate that the following items were constructed, to the best of our knowledge, in accordance with the project's plans and specifications:

Concrete: Inspected placement of reinforcing steel and concrete for elevator shaft, stair well footings, entry footings, trellis footings, driveway extension, gate post footings and balcony. Obtained concrete samples for laboratory compressive strength testing and performed slump tests.

Epoxy anchors: Verified correct installation of epoxied rebar and allthread anchors for rebar dowels, hold downs, roof and floor framing connections and tube steel frames in wall openings per manufacturer's instructions and the project plans.

Structural Steel: Performed shop welding inspection of tube steel columns, wide flange beams and column moment beams at Koehler Steel, Sacramento, California. Monitored contractor compliance with Welding Procedure Specifications (WPS). Identified material with manufacturer's mill certificates. Checked welder certification records.

Performed field welding inspection of beam seats to pipe columns, channel iron post, tube steel columns to existing columns at roof, tube steel header to tube steel column, moment welds for north tower and plug welds at north balcony. All complete penetration welds ultrasonically tested. Monitored contractor compliance with Welding Procedure Specifications (WPS). Checked welder certification records. Verified correct installation and tension of high strength A325 bolts for structural steel framing connections.

CORPORATE OFFICE
3050 Industrial Blvd.
West Sacramento
CA 95691
Tel 916.372.1434
Fax 916.372.2565

ROCKLIN OFFICE
500 Meno Drive,
Suite 100
Rock In, CA 95765
Tel 916.435.9722
Fax 916.435.9622

COUNTY DHA BUILDING "A" RETROFIT

WKA No. 4710.03

May 16, 2002

Page 2

Shear

Nailing: Checked edge and field nailing for 2nd floor tie straps and south & north tower for correct spacing and size per nailing schedules, nailing edge distance and penetration.

Framing

Hardware: Inspection installation of sill bolts, sill plate splices, fire blocking, hold downs and drag straps.

Masonry: Inspected placement of reinforcing steel and grout for CMU columns. Monitored grout consistency and consolidation of site mixed grout during placement. Obtained grout and mortar samples for laboratory compressive strength testing.

Please contact our office if you have any questions regarding this information.

Wallace - Kuhl & Associates, Inc.


David A. Redford
Senior Engineer



DAR:mlo

cc: Westfork Construction
Marr Shaffer & Miyamoto
Carissimi Rohrer McMullen
City of Sacramento



WALLACE • KUHL
& ASSOCIATES INC.

CITY OF SACRAMENTO

30 DAY TEMPORARY
Certificate of Occupancy

For Information Contact (916) 264-5716

Building Address: 1725 - 28TH ST BLD. A Permit No. 0102513

Building Use: OFFICE Occupancy: B

Building Owner: 28TH & Q LLC Construction Type: _____

Owner Address: 3321 POWER INN RD SAC. Sprinkled? [X] Yes [] No

Portion of Building Occupied: BLD. A PHASE II Area: _____ Sq. Ft.

Specific purpose for temporary occupancy and/or conditions/limitations of temporary occupancy:

Bldg A - Phase II - First Floor

9/20/02 Richard Heins

Date

By:Print



Sign

DENNIS RICHARDSON

CITY BUILDING OFFICIAL

[TCO approvals:DP,]

BC 109.4 TEMPORARY CERTIFICATE

If the Chief Building Official finds that no substantial hazard will result from occupancy of any building or portion thereof before the same is completed, a temporary Certificate of Occupancy may be issued for the use of a portion or portions of a building or structure prior to the completion for the entire building or structure.

POST IN A CONSPICUOUS PLACE

CITY OF SACRAMENTO

30 DAY TEMPORARY
Certificate of Occupancy

For Information Contact (916) 264-5716

Building Address: 1725 - 28TH ST BLD. A Permit No. 0102513

Building Use: OFFICE Occupancy: B

Building Owner: 28TH & Q LLC Construction Type: _____

Owner Address: 3321 POWER INN RD SAC. Sprinkled? [X] Yes [] No

Portion of Building Occupied: BLD. A PHASE II Area: _____ Sq. Ft.

Specific purpose for temporary occupancy and/or conditions/limitations of temporary occupancy:

Bldg A - Phase II - First Floor
2ND Floor TCO issued 10/2/02 No fee/nrb

9/20/02 Richard Heins

Date

By:Print

Sign

DENNIS RICHARDSON

CITY BUILDING OFFICIAL

[TCO approvals:DP,]

BC 109.4 TEMPORARY CERTIFICATE

If the Chief Building Official finds that no substantial hazard will result from occupancy of any building or portion thereof before the same is completed, a temporary Certificate of Occupancy may be issued for the use of a portion or portions of a building or structure prior to the completion for the entire building or structure.

POST IN A CONSPICUOUS PLACE



Report Name _____ No. 2910

Client Project DHA BLDG A - TENANT IMPROV.

Facility Name _____

Bay Area: Ph: 408-928-3000 Fax: 408-928-3003
 Sacramento: Ph: 916-774-7174 Fax: 916-783-8246
 www.mesa3.com admin@mesa3.com

Supply Fan Fan: AL-3 Section: _____ Item: _____ Page: _____ of _____

Test Description		Design		Test #	Test #	Test #
		Plans	Submit	Date/By: <u>9/30/07</u>	Date/By:	Date/By:
Fan	Manufacturer			<u>CARRIER</u>		
	Model Number			<u>48ZVD075-1K</u>		
	Type or Size			<u>DWDS (F1)</u>		
	Volume Control Type			<u>VFD</u>		
Motor	Manufacturer			<u>AO SMITH</u>		
	HP	RPM-hi	RPM-lo	<u>40</u> <u>1760</u>		
	Frame	Phase	SF	<u>D32A</u> <u>3</u> <u>1.15</u>		
	Volts			<u>230</u> <u>460</u>		
	FLA			<u>98</u> <u>49</u>		
	SFA					
Motor Sheave	Model or Size			<u>435V56</u>		
	Bore or Bushing			<u>Bx 2 1/8</u>		
	Adj. % of Max			<u>Fixed</u>		
Fan Sheave	Model or Size			<u>435V124</u>		
	Bore or Bushing			<u>Bx 1 1/16</u>		
Number Belts	Belt Size			<u>4</u> <u>BVX1320</u>		
Centerline	% of Max Adj.			<u>46 1/8</u> <u>70%</u>		
Volume Control	Set Point	Indicated	Actual			
	Position					
Tested RPM	Motor					
	Fan			<u>577</u>		
Air Dist. Total	SACfm	% des.	<u>25470</u>			
Fan Air Flows	SACfm	% des.	<u>25450</u> <u>25450</u> <u>26095</u>			
	RAcfm	% SA	<u>22435</u> <u>23008</u>			
	OACfm	% SA	<u>3035</u> <u>3087</u>			
Discharge SP	ESP	TSP		<u>2.214</u>		
Suction SP	ESP	TSP		<u>1.406</u>		
Total Resistance	ESP	TSP	<u>2.160</u> <u>2.50</u>	<u>3.62</u>		
	ΔP's			<u>0.672</u>		
	<u>Coil</u>			<u>0.151</u>		
	<u>Filter</u>					
Volts	T1-T2	T1-T3	T2-T3	<u>486</u> <u>487</u> <u>488</u>		
Voltage Corrected FLA						
Amps	T1	T2	T3	<u>43</u> <u>43</u> <u>43</u>		
Approximate BHP	<u>31.1</u>	<u>25.3</u>				
No Load Amps (if overloaded)						

Comments: _____

798



Bay Area: Ph: 408-928-3000 Fax: 408-928-3098
 Sacramento: Ph: 916-774-7174 Fax: 916-783-6786
 www.mesas.com admin@mesas.com

Report Name _____ No. 2918
 Client Project DVA BLDG. 4 - TENANT IMPROV.
 Facility Name _____

2-Mode Terminal Unit Air Distribution Fan System: AC-3 Section: _____ Item: _____ Page: 1/6

ID	Type	Size	AK	Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test				Full Heating Fan Test				Note Code
				Design CFM	FPM/V/P	CFM	Analysis	Design CFM	FPM/V/P	CFM	Analysis	Date	By:	EQ#	Date	By:	EQ#			

Individual TU Test Record:				Individual Terminal Unit Tests				EQ#:											
Date:				By:				EQ#:											
263	CD	16x16		860	912	887	213	351											
264	T	T		865	1212	883	292	170											
2D-36	TOTAL			1725	2125	1770	520	521											
					.80	1.03	(520)	(150)											
265	CD	16x16		860	1549	882	479	351											
266	T	T		865	979	900	345	170											
2D-37	TOTAL			1725	2528	1782	824	521											
					.80	1.10													
267	CD	16x16		825	1094	840	335	189											
268	T	T		735	1077	747	288	209											
269	T	12x12		380	886	396	233	186											
2D-38	TOTAL			1946	3057	1983	856	584											
					.80	1.5	(580)	(250)											



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 www.mesas3.com admin@mesas3.com

Report Name _____ No. 291B
 Client Project DVA BLDG. 4 - TENDANT IMPROV.
 Facility Name _____

2-Mode Terminal Unit Air Distribution

Fan System: AC-3

Section: _____

Item: _____

Page: 2/6

I.D.	Type	Size	AK	Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test			Full Heating Fan Test			Note Code
				Design CFM	FPM/VP	CFM	Analysis	Design CFM	FPM/VP	CFM	Analysis	Date:	By:	EQ#:	Date:	By:	EQ#:	

Individual TU Test Record:				Individual Terminal Unit Tests				Full Cooling Fan Test				Full Heating Fan Test					
Date:				By:				EQ#:									
270	CD	16x16		775	729	795	100%	194	270	0	28						
271	L			L	1093	773	100%	270		0	0						
272	L			720	1107	707	101%	190			48						
27D-39	767K			2250	2931	2255	100%	654	97%	675	48						
				.80				(675)			48						
273	CD	8x8		40	56	39	98%	0	0	0	0						
274		10x10		115	167	121	105%	26	28	28	0						
275		8x8		45	63	48	107%	0	0	0	0						
276		10x10		115	166	123	107%	46	48	48	48						
277				L	188	121	105%	40	48	48	48						
278				L	260	120	104%	38	46	46	46						
279				L	193	115	100%	43	43	43	43						
280		12x12		390	267	416	107%	121	116	116	116						
281		10x10		115	266	114	99%	32	43	43	43						
282				L	175	114	99%	34	42	42	42						
275A		8x8		30	50	30	100%	0	0	0	0						
27D-40	TOTAL			1310	1841	1361	108%	395	360	414	105%						
								(360)	(460)	(460)							

Reviewed By: _____ Date: _____



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 Sacramento: Ph: 916-774-7174 Fax: 916-783-6248
 www.mesas3.com admin@mesas3.com

Report Name _____ No. 2918
 Client Project DVA BLDG, 1 - TENDRYT IMPROV.
 Facility Name _____

2-Mode Terminal Unit Air Distribution

Fan System: AC-3

Section: _____ Item: _____ Page: 3/6

I.D.	Type	Size	AK	Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test			Full Heating Fan Test			Note	Code
				Design CFM	FPMV/P	CFM	Analysis	FPMV/P	CFM	Analysis	FPMV/P	CFM	Analysis	Date:	By:	EQ#:	Date:		

Individual TU Test Record:				Individual Terminal Unit Tests:															
I.D.	Type	Size	AK	Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test			Full Heating Fan Test			Note	Code
				Design CFM	FPMV/P	CFM	Analysis	FPMV/P	CFM	Analysis	FPMV/P	CFM	Analysis	FPMV/P	CFM	Analysis	FPMV/P		
283	CD	14x14		756	954	741	99%	88	97										
284	↓	↓		1470	1301	754	101%	394	293										
285	↓	↓		2250	3733	766	102%	343	315										
2D-41	TOTAL			.80	3733	2261	100%	805 (675)	485 (675)	101%	350								
286	CD	14x14		750	1555	765	102%	367	356										
287	↓	↓		1327	483	800	107%	376	330										
288	↓	↓		2280	3365	745	99%	36	0										
2D-42	TOTAL			.80	3365	2310	103%	779 (675)	486 (450)	102%	450								
289	CD	16x16		710	802	739	104%	122	171										
290	↓	↓		640	580	752	106%	175	235										
291	↓	↓		2130	1972	746	105%	190	261										
2D-43	TOTAL			1.0	1972	2237	105%	487 (640)	667 (700)	104%	700								



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Report Name _____ No. 291B
 Client Project DIA Bldg. 4 - TENDANT IMPROV.
 Facility Name _____

2-Mode Terminal Unit Air Distribution Fan System: AC-3 Section: _____ Item: _____ Page: 4/6

I.D.	Type	Size	AK	Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test			Full Heating Fan Test			Note Code
				Design CFM	FPM/VP	CFM	Analysis	Design CFM	FPM/VP	CFM	Analysis	Date:	By:	EQ#:	Date:	By:	EQ#:	

Individual TU Test Record:																By:			EQ#:		
Date:																					
292	1D	14x14		460	964	463	101%	242	182												
293					695	473	103%	230	175												
294					947	487	106%	237	185												
295					540	448	99%	0	0												
296					292	120	104%	69	56												
297					307	119	103%	68	56												
2D-44				2070	3685	2110	102%	846	654	105%											
					.80			(620)	(200)												
298	CD	16x16		710	933	755	106%	257													
299					869	127	102%	189													
300					662	729	103%	199													
2D-45				2130	2464	2211	104%	645													
					.80			(640)													



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 Sacramento: Ph: 916-774-7174 Fax: 916-753-8248
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916-922-9381
 Purovis
 832-8672

Report Name _____
 Client Project DVA Bldg, 4 - Tenant Improv.
 Facility Name _____

No. 2918

2-Mode Terminal Unit Air Distribution

Fan System: AC-3

Section: _____ Item: _____

Page: 5/6

Register	Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test		Full Heating Fan Test		Note Code
	Design CFM	FPMV/P	CFM	Analysis	Design CFM	FPMV/P	CFM	Analysis	Date:	By:	Date:	By:	

Individual TU Test Record:		Date:		By:		EQ#:	
301	CD 16116	730	1129	750	703%	487	
302	1	1	995	736	101%	455	
303	1 1414	495	648	480	97%	320	
304	1	525	582	523	100%	343	
2D-46	TOTAL	2482	3354	2487	100%	1605	(745)
		.80		1.20			
305	CD 16116	710	592	735		106	92
306	1	1	1126	714		319	304
307	1	1	1030	724		304	280
2D-47	TOTAL	2130	2748	2173	102%	129	143
		.80		1.15		(40)	(400)
308	CD 1212	410	458	458		96	143
2D-48	TOTAL	410	458	458		96	143
		.80				(140)	(170)



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Report Name _____ No. 2918
 Client Project DHA BLDG, 4 - TENDRYT IMPROV.
 Facility Name _____

2-Mode Terminal Unit Air Distribution Fan System: AC-3 Section: _____ Item: _____ Page: 6/6

I.D.	Type	Size	AK	Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test			Full Heating Fan Test			Note	Code
				Design CFM	FPM/VP	CFM	Analysis	FPM/VP	CFM	Analysis	Design CFM	FPM/VP	CFM	Analysis	Date:	By:	EQ#:		

Individual TU Test Record:				Individual Terminal Unit Tests				Individual Terminal Unit Tests				Full Cooling Fan Test			Full Heating Fan Test			Note	Code		
Date:				BY:				EQ#:				Date:			Date:						
309	CD	12x12		325		354	109%			105		106									
310	I	1		1		341	105%			106		106									
2D-49	787AK			150		195	107%			195		211	108%								
AC-3	707AK			15470		21095	102%														



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 Sacramento: Ph: 916-774-7174 Fax: 916-783-8248
 www.mesa3.com admin@mesa3.com

Report Name _____ No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name _____

Air Distribution

Fan System: AC-3 RETURN Section: _____ Item: _____ Page: 1 of 1

Register				Design		Date/By: <u>9/20/02</u> EQ# <u>1075</u>		Date/By: <u>9/30/02</u> EQ# <u>1075</u>		Note Code			
I.D.	Type	Size or Model	AK	FPM or AP	CFM	Test # 1 <u>Preliminary</u>			Test # 2 <u>Final</u>				
						% Open	SPVP	FPM/CFM _d	CFM _d		Analysis	% Open	SPVP
311	<u>CRG</u>	<u>18x18</u>			<u>940</u>			<u>1509</u>	<u>161%</u>	<u>-</u>		<u>890</u>	
312		<u>22x22</u>			<u>1410</u>			<u>1257</u>	<u>89%</u>			<u>1420</u>	
313		<u>↓</u>			<u>↓</u>			<u>1352</u>	<u>96%</u>			<u>1480</u>	
314		<u>↓</u>			<u>↓</u>			<u>1711</u>	<u>121%</u>			<u>1320</u>	
315		<u>10x10</u>			<u>100</u>			<u>132</u>	<u>132%</u>			<u>91</u>	
316		<u>↓</u>			<u>↓</u>			<u>130</u>	<u>130%</u>			<u>92</u>	
317		<u>22x22</u>			<u>1215</u>			<u>1116</u>	<u>92%</u>			<u>1155</u>	
318		<u>↓</u>			<u>1410</u>			<u>1506</u>	<u>107%</u>			<u>1328</u>	
319		<u>↓</u>			<u>↓</u>			<u>1040</u>	<u>74%</u>			<u>1318</u>	
320		<u>18x18</u>			<u>940</u>			<u>807</u>	<u>86%</u>			<u>960</u>	
321		<u>10x10</u>			<u>745</u>			<u>784</u>	<u>105%</u>			<u>770</u>	
322		<u>8x8</u>			<u>30</u>			<u>190</u>	<u>633%</u>	<u>0%</u>		<u>80</u>	
323		<u>10x10</u>			<u>100</u>			<u>299</u>	<u>299%</u>	<u>-</u>		<u>92</u>	
324		<u>22x22</u>			<u>1685</u>			<u>1625</u>	<u>96%</u>			<u>1629</u>	
325		<u>10x10</u>			<u>100</u>			<u>289</u>	<u>289%</u>	<u>-</u>		<u>98</u>	
326		<u>↓</u>			<u>↓</u>			<u>275</u>	<u>275%</u>	<u>0%</u>		<u>131</u>	
327		<u>↓</u>			<u>↓</u>			<u>191</u>	<u>191%</u>	<u>-</u>		<u>92</u>	
328		<u>12x12</u>			<u>335</u>			<u>415</u>	<u>124%</u>			<u>91</u>	
329		<u>10x10</u>			<u>100</u>			<u>200</u>	<u>200%</u>	<u>-</u>		<u>99</u>	
330		<u>↓</u>			<u>↓</u>			<u>209</u>	<u>209%</u>	<u>-</u>		<u>90</u>	
331		<u>↓</u>			<u>↓</u>			<u>172</u>	<u>172%</u>			<u>101</u>	
332		<u>22x22</u>			<u>1410</u>			<u>973</u>	<u>69%</u>			<u>1381</u>	
333		<u>↓</u>			<u>↓</u>			<u>804</u>	<u>57%</u>			<u>1287</u>	
334		<u>↓</u>			<u>↓</u>			<u>685</u>	<u>48%</u>			<u>1289</u>	
335		<u>14x14</u>			<u>495</u>		<u>L</u>	<u>188</u>	<u>38%</u>	<u>100%</u>		<u>488</u>	
336		<u>12x12</u>			<u>275</u>			<u>133</u>	<u>48%</u>			<u>281</u>	
337		<u>14x14</u>			<u>465</u>			<u>223</u>	<u>48%</u>			<u>472</u>	
<u>AC-3 RETURN TOTAL</u>					<u>19305</u>			<u>18235</u>	<u>94%</u>			<u>14523</u>	<u>97%</u>



Report Name _____ No. 2913

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name _____

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Supply Fan Fan: AG-1 Section: _____ Item: _____ Page: _____ of _____

Test Description		Design		Test # 1			Test # 2			Test #				
		Plans	Submit	Date/By: <u>9/16/02</u>			Date/By: <u>9/16/02</u>			Date/By:				
Fan	Manufacturer			<u>CARRIER</u>										
	Model Number			<u>48ZV0075-CK</u>										
	Type or Size			<u>DWDE (5L)</u>										
	Volume Control Type			<u>VFD</u>										
Motor	Manufacturer					<u>AO Smith</u>								
	HP	RPM-hi	RPM-lo	<u>—</u>	<u>40</u>	<u>40</u>	<u>1760</u>							
	Frame	Phase	SF			<u>D324T</u>	<u>3</u>	<u>115</u>						
	Volts					<u>230</u>	<u>460</u>							
	FLA					<u>98</u>	<u>49</u>							
	SFA													
	Motor Sheave					<u>4B5V56</u>								
Bore or Bushing					<u>Bx 2 1/8</u>									
Adj. % of Max					<u>Fixed</u>									
Fan Sheave	Model or Size					<u>4R5V18A</u>								
	Bore or Bushing					<u>Bx 1 7/8</u>								
Number Belts	Belt Size					<u>1 3/4 X 360</u>								
Centerline	% of Max Adj.					<u>400</u>								
Volume Control	Set Point	Indicated	Actual											
	Position					<u>52 HZ</u>			<u>54 HZ</u>					
Tested RPM	Motor					<u>1365</u>			<u>→</u>					
	Fan			<u>—</u>	<u>547</u>	<u>420</u>			<u>428</u>					
Air Dist. Total	SACfm	% des.	<u>23270</u>			<u>23533</u>								
Fan Air Flows	SACfm	% des.	<u>20530</u>	<u>20530</u>		<u>23533</u>			<u>23503</u>					
	RAcfm	% SA	<u>18195</u>			<u>—</u>			<u>18250</u>					
	OACfm	% SA	<u>5195</u>			<u>23533</u>			<u>5250</u>					
Discharge SP	ESP	TSP			<u>1.409</u>			<u>1.406</u>						
Suction SP	ESP	TSP			<u>1.215</u>			<u>2.019</u>						
Total Resistance	ESP	TSP	<u>2.66</u>	<u>2.65</u>	<u>2.624</u>									
ΔP's	Dx Coil					<u>0.645</u>			<u>0.671</u>					
	Filter					<u>0.141</u>			<u>0.149</u>					
Volts	T1-T2	T1-T3	T2-T3			<u>486</u>	<u>487</u>	<u>488</u>						
Voltage Corrected FLA														
Amps	T1	T2	T3			<u>44</u>	<u>43</u>	<u>43</u>						
Approximate BHP				<u>22.9</u>	<u>22.9</u>									
No Load Amps (if overloaded)														

Comments: 1.201 - 0.680



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Report Name _____ No. 2913

Client Project DNA BLDG A - TENANT IMPROV.

Facility Name _____

Economizer Exhaust Fan

Fan: AC-1 Section: _____ Item: _____ Page: _____ of _____

Test Description		Design		Test #		Test #		Test #		
		Plans	Submit	Both A & B		VAN B		Both A		
				Date/By:		Date/By: 9/16/02		Date/By:		
Fan	Manufacturer			Carrier						
	Model Number			482V D075-2K						
	Type or Size			DWDI (FC)						
	Volume Control Type			VFD						
Motor	Manufacturer			A.C. SM T						
	Frame			D254T						
	HP	RPM	-	30	15	1750				
	Volts				230	460				
	FLA				32	17.3				
	Phase	SF	SFA		3	6/5				
Control	Setpoint									
	Tested Ref. Signal			59.8 HZ						
	Control Adj. Position									
Air Flow by Direct Measurement										
Fan Air Volume	CFM	%	-	20530	24595					
Register Totals	CFM	%	17640							
Air Flow by RA Comparison										
Reference SP, CFM, & %	RA mode	EA mode								
Motor Sheave	Model or Size			2B5V46						
	Bore or Bushing			B - 1 1/2"						
	Adj. % of Max			Fixed						
Fan Sheave	Model or Size			2B5V124						
	Bore or Bushing			B - 1 1/2"						
Number Belts	Belt Size			2	B193					
Centerline	% of Max Adj.			33	20%					
Tested RPM	Motor			1760				1765		
	Fan		-	209	NVL			NVL		
Discharge SP	ESP	TSP								
Suction SP	ESP	TSP			1.996					
Total	ESP	TSP	-	1.25						
Coil ΔP										
Filter ΔP										
Volts	T1-T2	T1-T3	T2-T3		486	488	488	486	488	488
Voltage Corrected FLA										
Amps	T1	T2	T3		13.8	14.1	13.5	14.9	14.4	14.0
Approximate BHP				14.0	14.0					
No Load Amps (if overloaded)										

Comments: _____



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Client Project DHA BLDG A - TENDRANT (MP20)

Facility Name _____

Economizer w/EEF

Fan: AC-1 Section: _____ Item: _____ Page: _____ of _____

SA Full Demand Test

For determination of SA CFM/SP relationship

	Date & By: <u>9/16/02</u>						
	Design	Test #1		Test #2		Test #3	
	CFM	Ref. SP	CFM	Ref. SP	CFM	Ref. SP	CFM
SA under Full Demand		<u>1.409</u>	<u>23533</u>				

100% Return / 0% Outside Air Test

For determination of RA CFM/SP relationship

	Date & By: <u>9/16/02</u>						
	Design	Test #1		Test #2		Test #3	
	CFM	Ref. SP	CFM	Ref. SP	CFM	Ref. SP	CFM
SA under Full Demand		<u>1.381</u>	<u>23298</u>				
Est. OA Damper Leakage %							
RA		<u>1.791</u>	<u>23298</u>				

Minimum Outside Air Mode

For final SA total & minimum OA adjustment

	Date & By: <u>9/16/02</u>						
	Design	Test #1		Test #2		Test #3	
	CFM	Ref. SP	CFM	Ref. SP	CFM	Ref. SP	CFM
SA under Full Demand	<u>23390</u>	<u>1.433</u>	<u>23733</u>	<u>1.406</u>	<u>23508</u>		
RA	<u>18195</u>	<u>0.528</u>	<u>12650</u>	<u>1.099</u>	<u>18250</u>		
minimum OA	<u>5195</u>				<u>5258</u>		

Full Economizer Mode

For maximum OA damper adjustment & consistent SA total

	Date & By: _____						
	Design	Test #1		Test #2		Test #3	
	CFM	Ref. SP	CFM	Ref. SP	CFM	Ref. SP	CFM
SA under Full Demand	<u>23390</u>	<u>1.409</u>	<u>23533</u>				

For EEF total flow adjustment

	Date & By: _____						
	Design	Test #1		Test #2		Test #3	
	CFM	Ref. SP	CFM	Ref. SP	CFM	Ref. SP	CFM
EEF under Full Demand	<u>18195</u>	<u>1.996</u>	<u>24395</u>				



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Report Name No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name

2-Mode Terminal Unit Air Distribution

Fan System: AC-1 Section: Item: Page: 9/9

Register	Individual Terminal Unit Tests									
	Full Cool Set Point					Full Heat Set Point				
	Design CFM	First Test CFM	Analysis FPMVP	Final Test CFM	Analysis	Design CFM	First Test CFM	Analysis FPMVP	Final Test CFM	Analysis
Individual TU Test Record: Date: <u>8/12/07</u> By: <u>BJ</u> EQ#: <u>680</u>										
74 CD 16x16		610	869		658		205		114	
75 T		805	989		798		375		295	
ZD-19 TOTAL		1415	1858		1456		580		409	
		.80			1.2		(425)		(200)	
76 CD 8x8		95	56		100	105%	29			
77 T			57		103	108%	34			
78 T			115		102	100%	30			
79 T			100		97	102%	23			
80 T			867		637	99%	195			
81 CD 8x8		95	132		102	103%	27			
82 T			125		7	96%	32			
83 T			116		56	103%	0			
ZD-64 TOTAL		1280	1569		1270	102%	395		175	
			.97			100%	(375)			
84A CD 16x16		615	1153		637	104%	155		120	
84B T		435	994		432	99%	102		226	
85 T		600	1012		634	106%	190			
ZD-65 TOTAL		1650	3459		1703	103%	447		521	105%
			.80				(415)		(510)	

AC-1 TOTAL 23390 2.0

Reviewed By: _____ Date: _____



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Report Name

No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name

2-Mode Terminal Unit Air Distribution

Fan System: AC-1

Section:

Item: B19

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Register		Individual Terminal Unit Tests															
I.D.	Type	Size	AK	Full Cool Set Point			Full Heat Set Point			Full Cooling Fan Test			Full Heating Fan Test			Note	Code
				Design	CFM	FPM/VP	Analysis	CFM	FPM/VP	Analysis	CFM	FPM/VP	Analysis	CFM	FPM/VP		
Individual TU Test Record: Date: _____ By: _____ EQ#:																	
65	CD	16x10		690	921		723	102%		154		132					
66	J			630	969		650	103%		233		217					
67	J	16x12		210	476		203	97%		97		96					
68	J			220	CFM		213	97%		195		93					
2D-16	TOTAL			1750	2316		1789	102%		596		573					
									1.1			(300)					
69	CD	16x16		875	0		935			243		198					
70	J			+	1351		297			425		330					
2D-17	TOTAL			1750	1740		1832	105%		668		528					
							0.95					(375)					
71A	CD	14x14		595	670		602	100%		20		65					
71B	J	8x8		102	108		102	102%		50		93					
71C	J	10x10		150	229		157	105%		70		106					
72	J	14x14		595	910		620	103%		233		172					
73	J	10x10		112	247		100	96%		24		120					
2D-18	TOTAL			1550	2114		1587	102%		157		157					
							0.80		1.20								



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No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name

2-Mode Terminal Unit Air Distribution

Fan System: AC-1

Section: Item:

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Register	Individual Terminal Unit Tests																
	Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test				Full Heating Fan Test				
	Design	First Test	Final Test	Design	First Test	Final Test	Date:	By:	EQ#:	Date:	By:	EQ#:	Note				
I.D.	Type	Size	Ak	FPM/VP	CFM	Analysis	FPM/VP	CFM	Analysis	FPM/VP	CFM	Analysis	FPM/VP	CFM	Analysis	Code	
55	CD	8x8			88	104%											
56	I	12x12			214	102%											
57	I	8x8			95	102%											
58	I				88	101%											
59	I				87	102%											
60	I				95	98%											
61	I				25	100%											
ZD-14	TOTAL				845	117%	90										
					737	107%											
					280												
					(215)												
62	CD	11x16			740	109%											
63	I	8x8			49	98%											
64	I	16x16			726	107%											
ZD-15	TOTAL				1515	107%	1.06										
					429												
					(425)												



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No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name

2-Mode Terminal Unit Air Distribution

Fan System: AC-1

Section:

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I.D.	Type	Size	Ak	Individual Terminal Unit Tests						Full Cool Sat Point			Full Heat Set Point			Full Cooling Fan Test			Full Heating Fan Test			Note	Code
				Design	CFM	FPM/V	Analysis	CFM	Analysis	CFM	Analysis	CFM	Analysis	CFM	Analysis	CFM	Analysis	CFM	Analysis	CFM	Analysis		

Individual TU Test Record:																							
By: _____ Date: _____																							
EQ#:																							
45	CD	8x8		85	55	94	99	41	28														
46					85	97	102	37	25														
47					87	99	102	41	22														
48				85	77	96	101	41	30														
49					86	88	104	42	23														
50				45	75	43	96	0	0														
51		10x10		110	190	110	108	46	30														
52		8x8		85	139	86	101	37	23														
53					90	86	101	37	24														
54					87	90	108	34	31														
20-13 TOTAL				875	971	896	1035	265	254														
				.80	111%	.90		(265)	75%														



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Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name _____

2-Mode Terminal Unit Air Distribution

Fan System: AC-1

Section: _____

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Register	Individual Terminal Unit Tests										Note Code											
	Full Cool Sat Point					Full Heat Set Point						Full Cooling Fan Test		Full Heating Fan Test								
	Design	First Test	Analysis	FPM/VP	CFM	Final Test	Design	First Test	Analysis	FPM/VP		CFM	Final Test	Date	By:	Date	By:	EQ#	Analysis	CFM	Analysis	CFM
I.D.	Type	Size	AK	CFM	FPM/VP	CFM	Analysis	FPM/VP	CFM	Analysis	FPM/VP	CFM	Analysis	FPM/VP	CFM	Analysis	FPM/VP	CFM	Analysis	FPM/VP	CFM	
Individual TU Test Record: Date: _____ By: _____ EQ#:																						
34	CD	80B		95	86	97	102%				26											
35				┆	91	93	98%				28											
36				┆	109	92	97%				24											
37				95	95	86	101%				25											
38				┆	102	91	107%				24											
39				┆	92	92	108%				25											
40				┆	93	92	108%				27											
41				┆	93	91	101%				25											
42				┆	96	93	98%				28											
43				┆	84	96	101%				23											
44				┆	75	93	104%				25											
2D-12 TOTAL				96.5	1003	986	102%	104%	288	99%	288	99%										
					.80						(290)											



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No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name

2-Mode Terminal Unit Air Distribution

Fan System: AC-1

Section:

Item: Page: 4/9

I.D.	Type	Size	Ak	Individual Terminal Unit Tests												Note Code				
				Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test					Full Heating Fan Test			
				Design CFM	First Test CFM	Analysis CFM	Final Test CFM	Design CFM	First Test CFM	Analysis CFM	Final Test CFM	Date:	By:	EQ#:	Date:		By:	EQ#:		
Individual TU Test Record: Date: <u>8/12/02</u> By: <u>BH/DA</u> EQ#: <u>680</u>																				
23	CD	8x8		85	160	84	99%													
24					166	85	100%													
25					169	81	95%													
26					373	369	105%													
27					33	87	102%													
28					121	83	99%													
29					67	82	96%													
2D-7	TOTAL				1689	271	101%	260												
					.80	12														
30	CD	16x16		700	1020	719														
31					1159	794														
2D-10	TOTAL				2779	153	96%	415												
					.80	110														
32	CD	14x14		495	684	516	100%													
33					626	381	98%													
2D-11	TOTAL				1810	897	100%	326												
					0.80	125														



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No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name _____

2-Mode Terminal Unit Air Distribution

Fan System: AC-1

Section: _____

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Register	Individual Terminal Unit Tests										Note Code											
	Full Cool Set Point					Full Heat Set Point						Full Cooling Fan Test					Full Heating Fan Test					
	I.D.	Type	Size	Ak	Design CFM	First Test FPM/VP	CFM	Analysis	CFM	Analysis		CFM	Analysis	CFM	Analysis	CFM	Analysis	CFM	Analysis	CFM	Analysis	CFM
Individual TU Test Record: Date: _____ By: _____ EQ#: _____																						
9	CD	↓	12x12		340	494	353	104%		97												
10	↓				330	330	340	103%		74												
11	WSR	↓			130	198	141	109%		50												
ZD-7 TOTAL					800	1030	854	104%	340	241												
					0.80					(240)												
12	CD	↓	8x8		85	111	84			25												
13	↓					135	81			25												
14	↓					95	83			20												
15	↓					132	83			25												
16	↓					108	81			32												
17	↓					109	85			26												
18	↓					185	86			37												
19	↓					94	83			25												
20	↓					290	290			90												
21	↓					45	31			29												
22	↓					↓	37			25												
ZD-8 TOTAL					1140	1471	1154	99%	100	359												
					0.80					(350)												
					1.05																	



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No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name

2-Mode Terminal Unit Air Distribution

Fan System: Ac-1

Section:

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Individual Terminal Unit Tests																							
Register				Full Cool Set Point				Full Heat Set Point				Full Cooling Fan Test				Full Heating Fan Test							
I.D.	Type	Size	AK	Design		First Test		Final Test		Design		First Test		Final Test		Date	By	EQ#	Date	By	EQ#	Note Code	
				CFM	FPM/VP	CFM	FPM/VP	Analysis	CFM	FPM/VP	CFM	FPM/VP	Analysis	CFM	FPM/VP								CFM
Individual TU Test Record: Date: _____ By: _____ EQ#:																							
5	CD	12x12		SAS	475	103%	402	103%			135	121											
6	T	T		T	537	102%	397	102%			144	128											
ZD-4 TOTAL				790	101%	799	101%			279	249	106%											
				0.80	0.98							(130)											
7	CD	14x14		SAS	748		567				184	168											
ZD-5 TOTAL				545	748		567			184	168	102%											
				0.80	1.2							(100)											
8	CD	16x16		770	1018		827			231													
ZD-6 TOTAL				770	1018		827	107%		231	231												
				0.80	0.95					(230)													



Bay Area: Ph: 408-928-3000 Fax: 408-928-3003
 Sacramento: Ph: 916-774-7174 Fax: 916-783-8246
 www.mesa3.com admin@mesa3.com

Report Name

No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name

2-Mode Terminal Unit Air Distribution

Fan System: AC-1

Section:

Item:

Page: 1/9

Register		Individual Terminal Unit Tests												Full Cooling Fan Test			Full Heating Fan Test			Note													
I.D.	Type	Size	Ak	Full Cool Set Point			Full Heat Set Point			First Test			Final Test			Date:	By:	EQ#:	Date:	By:	EQ#:	Analysis	CFM	FPM/V	Analysis	CFM	FPM/V	Analysis	CFM	Note			
				Design	CFM	FPM/V	Analysis	CFM	FPM/V	Analysis	CFM	FPM/V	Analysis	CFM	FPM/V																Analysis	CFM	FPM/V
Individual TU Test Record: Date: _____ By: _____ EQ#:																																	
1	CD	16x16		715	1116		727	102%		187	165		187	165																			
2	I	I			711		718	100%		255	294		255	294																			
ED-1 TOTAL				1430	1927		1445	101%		392	459		392	459																			
				0.80			1.15																										
3	CD	16x16		1530	940		680			257	205		257	205																			
ED-2 TOTAL				1530	940		680	101%		257	205		257	205																			
				0.80			1.20																										
4	CD	14x14		545	661		579	106%		185	179		185	179																			
ED-3 TOTAL				545	661		579	100%		185	179		185	179																			
				0.80																													



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Report Name _____ No. 2918

Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name _____

Air Distribution

Fan System: AC-1 RETURN Section: _____ Item: _____ Page: 1 of 2

Register			Design			Date/By:		EQ#			Date/By:		EQ#			Note Code
I.D.	Type	Size or Model	Ak	FPM or ΔP	CFM	Test #			Test #			CFM _s	Analysis			
						% Open	SP/VP	FPM/CFM _s	% Open	SP/VP	FPM/CFM _s					
86	CRG	10x10			145	100%			435	300%	5%			113	78%	
87		10x6			80				214	268%	0%			71	89%	
88		↓			↓				164	205%	0%			62	79%	
89		↓			↓				168	210%	5%			66	83%	
90		22x22			185				914	162%	45%			1413	76%	
91		6x6			80				196	245%	20%			62	78%	
92		↓			↓				173	216%	15%			64	80%	
93		↓			↓				175	219%	10%			64	80%	
94		8x8			75				185	247%	0%			72	96%	
95A		↓			↓				176	261%	0%			85	113%	
96		↓			70				159	227%	0%			68	97%	
97		10x10			185				420	229%	0%			280	151%	
98		8x8			70				190	259%	0%			65	93%	
99		↓			↓				185	193%	0%			51	73%	
100		↓			↓				167	153%	0%			62	80%	
101		↓			↓				169	143%	7%			63	97%	
102		↓			↓				66	94%	0%			71	101%	
103		10x10			135				188	102%	0%			102	78%	
104		8x8			70				144	206%	0%			63	90%	
105		↓			↓				147	210%	0%			97	139%	
106		14x14			590				666	113%	30%			464	79%	
107		12x12			375				412	110%	25%			292	78%	
108		16x16			715				779	101%	35%			542	75%	
109		13x13			1140				743	65%	25%			868	76%	
110		22x22			1750				1227	76%	50%			1334	76%	
111		↓			↓				144	85%	50%			1365	79%	
112		8x8			75				108	137%	5%			53	71%	
113		↓			↓				105	140%	5%			58	77%	
114		↓			↓				77	117%	10%			55	73%	
115		↓			↓				73	97%	0%			61	81%	
116		↓			↓				76	101%	10%			56	75%	
117		↓			↓				66	88%	0%			58	77%	
118		↓			↓				63	91%	15%			55	73%	
119		22x22			2250				1716	63%	50%			1775	79%	

8670



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Client Project DHA BLDG A - TENANT IMPROV.
 Facility Name _____

Air Distribution

Fan System: AC-1 RETURN

Section: _____ Item: _____ Page: 2 of 2

Register				Design		Date/By:		EQ#		Date/By:		EQ#		Note Code		
I.D.	Type	Size or Model	Ak	FPM or ΔP	CFM	Test #					Test #					
						% Open	SP/VP	FPM/CFM	CFM	Analysis	% Open	SP/VP	FPM/CFM		CFM	Analysis
120	CRG	16x16			900	100%			536	54%	100%			769	78%	
121		↓			↓			353	34%	100%			771	79%		
122		3x3			95			44	46%	40%			73	77%		
123		12x12			195			80	41%	50%			149	76%		
124		3x3			70			96	135%	0%			59	83%		
125								83	119%	0%			55	79%		
126								126	180%	0%			55	79%		
127					↓			84	120%	0%			60	86%		
128					30			81	27%	0%			60	86%		
129					70			86	123%	0%			60	86%		
130								83	119%	0%			64	91%		
131								84	120%	0%			57	81%		
132								71	101%	0%			58	83%		
133								70	102%	0%			56	80%		
134								68	97%	0%			54	71%		
135					-			71	101%	0%			55	76%		
136					90			59	66%	0%			57	74%		
137					70			74	106%	5%			52	74%		
138								75	107%	15%			55	78%		
139								83	119%	15%			52	74%		
140								85	121%	0%			58	83%		
141								75	107%	0%			50	71%		
142								62	89%	10%			51	73%		
143					↓			51	87%	0%			60	86%		
144					60			62	89%	0%			50	83%		
145					70			57	81%	0%			66	94%		
146					-			54	77%	0%			71	101%		
147		10x10			135			208	154%	5%			100	74%		
148		12x12			295			222	75%	30%			225	80%		
149		16x16			725			332	52%	30%			517	75%		
150					70			55	79%	0%			64	91%		
151								57	81%	10%			51	73%		
152								45	64%	5%			51	73%		
153					↓			49	70%	5%			55	79%		
154	↓				630			313	50%	25%			490	79%		
95B		12x12			365			1014	278%	0%			263	72%		
					18875			17753	96%				5630			
													14300	76%		

CITY OF SACRAMENTO

CERTIFICATE OF OCCUPANCY

For Information Contact (916) 264-5716

Building Address: 1725 - 28th ST BLD A Permit No. 0102513

Building Use: OFFICE Occupancy: B

Building Owner: 28TH & Q LLC Construction Type: _____

Owner Address: SACRAMENTO, CA Sprinkled? [X] Yes [] No

Portion of Building Occupied: ENTIRE Area: _____ Sq. Ft.

10/17/02

Date



By:Print



Sign

DENNIS RICHARDSON

CITY BUILDING OFFICIAL

[Finaled By:MW,RLB,SLG,SB,GRS]

This Certificate, issued pursuant to the requirements of Section 109 of the Uniform Building Code, certifies that at time of issuance the described portion of the building has been inspected for compliance with the Uniform Building Code, as adopted per Title 15 of the Sacramento City Code for the group and division of occupancy and use for which the proposed occupancy is classified. Issuance of this certificate shall not be construed as an approval of a violation of any Codes, or Federal, State and City Laws or Ordinances. Certificates presuming to give authority to such violation shall not be valid. This certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the City Building Official. No changes shall be made in the character of occupancy or use without approval of the City Building Official.

POST IN A CONSPICUOUS PLACE

APPLICATION FOR COMMERCIAL BUILDING PERMIT

CITY OF SACRAMENTO
DEVELOPMENT SERVICES DIVISION
PERMIT SERVICES SECTION

1231 I Street, Rm. 200
 Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

ACTIVITY # 0102513	Insp. Area 1C
--	---

Applicant **MUST** complete ALL Unshaded areas

ADDRESS 1725 28th Street Suite _____
 PARCEL # 007-0344-003

CONTACT
 Name West Fork Construction
 Street Address 4701 24th Street Suite 1
 City/State/Zip Sacramento CA 95822
 Phone 452-8197 FAX (916) 452-8190
 E-mail: _____

LICENSED CONTRACTOR Lic No. # 724016
 Name West Fork Construction Inc.
 Address 4701 24th Street Suite 1
 City/State/Zip Sacramento CA 95822
 Phone (916) 452-8197 FAX (916) 452-8190
 E-mail: _____

ARCHITECT/ENGINEER
 Name Carissimi Robert McMullen Assoc.
 Address 707 Commons Dr. Ste. 250
 City/State/Zip Sacramento CA 95825
 Phone (916) 925-6009 FAX (916) 925-6340
 E-mail: - BRUCE LARSON -

OWNER
 Name 28th + Q LLC
 Address 3321 Power Town Rd
 City/State/Zip Sacramento CA 95826
 Phone (916) 736-8000 FAX (916) 736-6779
 E-mail: _____

→ Will permittee have any employees on the jobsite? No Yes → INSURANCE CO: State Comp. Ins. Fund
 → WORKER'S COMPENSATION POLICY # 229-019113-01 EXPIRATION DATE: 1/01/02

NATURE OF WORK IN DETAIL:
Remodel Exterior & Interior

OCCUPANT/TENANT: Sacto County Dept. of Human Assistance VALUATION: \$ 3,500,000

FLOOD STATUS: CA Const. S.C.A.T. 100, 200, 701, X11, X16

JOB DESCRIPTION		BLDG	SHELL	APT	TR	REMI	SY	FIRE	ADD	OTH
INSPECTION DISCIPLINES		BLDG	MECH	PLUMB	ELEC	SITE	FIRE			
# Stories	1st flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req. Y / N		Fed Code	Vio. File	
						SPR	ALARM		[H]	[Quad]
B	L	P	M	E	F	S	D	PW	UTIL	

COMMENTS: P.W. util. Civil & landscape sheets to be submitted soon.
Per. ENG & Arch. Per. Conversation.
Carl H. 02-29-01

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No
 WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS? Provided Faxed

Date of Request: _____
By: _____

**CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST**

Project Address: 1725 28th St.

Assessor's Parcel Number: 007-0344-003

Previous Use: ^E County offices

Description of Request/Proposed Use: ~~Interior remodel, exterior~~

~~landscaping~~ Interior + Exterior
Changes proposed. Not adding sq ft to bldg.

Is This a Change of Use? No - will still be
County offices.

Zoning Designation: (C2-SPD R-St Corridor SPD)

Prior Applications for Project Site(P#, Z#, DRPB#): DR00-019; P88-131; DR83-132

Comments: ~~any change of use~~ P-5307

See DR00-019.



**WALLACE - KUHL
& ASSOCIATES INC.**

Geotechnical Engineering

Engineering Geology

Environmental Consulting

Remediation Services

Construction Inspection

Materials Testing

September 10, 2002

Mr. George Separovich
28th & Q LLC
c/o Separovich-Domich
3321 Power Inn Road
Sacramento, California 95826

Special Inspection Final Report
COUNTY DHA BUILDING "A" RETROFIT - WEST HALF
Permit No. 0102513
WKA No. 4710.03

In accordance with City of Sacramento special inspection requirements, our firm has performed *Special Inspection and Testing* in accordance with Sections 106 and 1701 of the Uniform Building Code for the subject project. This report covers testing and inspection of work performed between February 6, 2002 and June 28, 2002. Our observation and test results indicate that the following items were constructed, to the best of our knowledge, in accordance with the project's plans and specifications:

Concrete: Inspected placement of reinforcing steel and concrete for footings for trellis, fence columns, stairs and CMU wall and unreinforced concrete for new entry drive. Obtained concrete samples for laboratory compressive strength testing and performed slump tests.

Epoxy anchors: Verified correct installation of epoxied allthread anchors at 2nd floor and roof diaphragm straps, steel frames at wall openings per manufacturer's instructions and the project plans.

Structural Steel: Performed field welding and high strength bolting inspection of mechanical platform at roofs, stair assemblies at northeast corner of building, glulam buckets, and steel frames at openings. Monitored contractor compliance with Welding Procedure Specifications (WPS). Checked welder certification records.

Masonry: Inspected placement of reinforcing steel and grout for CMU gate and screen wall columns. Monitored grout consistency and consolidation during placement. Obtained grout and mortar samples for laboratory compressive strength testing.

CORPORATE OFFICE
3050 Industrial Blvd.
West Sacramento
CA 95691
Tel. 916.372.1434
Fax 916.372.2565

ROCKLIN OFFICE
500 Glenn Drive,
Suite 100
Rocklin, CA 95765
Tel. 916.435.9722
Fax 916.435.9822

Special Inspection Final Report

COUNTY DHA BUILDING "A" RETROFIT – WEST HALF

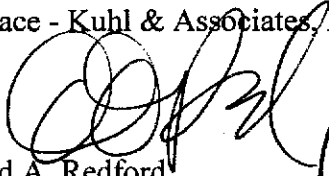
WKA No. 4710.03

September 10, 2002

Page 2

Please contact our office if you have any questions regarding this information.

Wallace - Kuhl & Associates, Inc.



David A. Redford
Senior Engineer



DAR:mlo

cc: Westfork Construction
Marr Shaffer & Miyamoto
Carissimi Rohrer McMullen
City of Sacramento



WALLACE • KUHL
& ASSOCIATES INC.



**WALLACE - KUHL
& ASSOCIATES INC.**

Geotechnical Engineering

Engineering Geology

Environmental Consulting

Remediation Services

Construction Inspection

Materials Testing

September 10, 2002

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Special Inspection Final Report

COUNTY DHA BUILDING "A" RETROFIT – WEST HALF

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September 10, 2002

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