PERFORMANCE CERTIFICATE OF COMPLIANCE Part 3 of 3 PERF-1

PROJECT NAME Palm Springs Animal Care Facility | DATE 12/29/2009

ZONE INFORMATION

System Name	Zone Name	Occupancy Type	Floor Area (sqft.)	Inst. LPD (W/sf)[1]	Ctrl. Credits (W/sf)[2]	Allowed LPD Area (W/sf)[3]	Allowed LPD Tailored (W/sf)[4]	Proc. Loads (W/sf)
AC-4	VAV 4-1 STAFF LOUN	Comp Bldg Medical and Clinic	322	*1.100				
	VAV 4-2 HALLWAY C	Comp Bldg Medical and Clinic	685	*1.100				
	VAV 4-3 LOCKERS	Comp Bldg Medical and Clinic	324	*1.100				
	VAV 4-4 HALLWAY	Comp Bldg Medical and Clinic	508	*1.100				
	VAV 4-5 FOOD PREP	Comp Bldg Medical and Clinic	154	*1.100				
	VAV 4-6 HALLWAY A	Comp Bldg Medical and Clinic	509	*1.100				
	VAV 4-7 FOOD/GEN	Comp Bldg Medical and Clinic	522	*1.100				
	VAV 4-8 LAUNDRY	Comp Bldg Medical and Clinic	226	*1.100				
	VAV 4-9 WK STATION	Comp Bldg Medical and Clinic	122	*1.100				
	VAV 4-10 HALLWAY B	Comp Bldg Medical and Clinic	674	*1.100				
AC-5	VAV 5-1 INTAKE	Comp Bldg Medical and Clinic	363	*1.100				
	VAV 5-2 INTAKE EXAM	Comp Bldg Medical and Clinic	345	*1.100				
	VAV 5-3 DOG WARD 8	Comp Bldg Medical and Clinic	403	*1.100				
	VAV 5-4 DOG WARD 7	Comp Bldg Medical and Clinic	403	*1.100				
	VAV 5-5 DOG WARD 6	Comp Bldg Medical and Clinic	403	*1.100				
	VAV 5-6 DOG WARD 5	Comp Bldg Medical and Clinic	403	*1.100				
AC-6	VAV 6-1 SMALL ANIMA	Comp Bldg Medical and Clinic	130	*1.100				
	VAV 6-2 EXOTICS	Comp Bldg Medical and Clinic	130	*1.100				
	VAV 6-3 BIRDS	Comp Bldg Medical and Clinic	136	*1.100				
	VAV 6-4 FERAL	Comp Bldg Medical and Clinic	136	*1.100				

Notes: 1. See LTG-2-C (items marked with asterisk, see LTG-2-C by others) 2. See LTG-4-C 3. See LTG-5-C (by others) 4. See LTG-6-C | Items above require special documentation

EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST

The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justification, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.

The HVAC System "AC - 1 RN-009-3-0-EBD9-EHL" includes an Economizer. This system has a cooling output < 75,000 Btuh or a supply cfm < 2500.
The HVAC System "AC - 1 RN-009-3-0-EBD9-EHL" includes Demand Control Ventilation per Standards Section 121.
The HVAC System "AC - 1 RN-009-3-0-EBD9-EHL: Premium Eff" 1.25 BHP Supply Fan Motor has been specified.
The DHW System "WH-1 (95%)" is a Large Gas water heater with Pilot Loss = 0 btuh.
The HVAC System "AC-1" incorporates HERS verified Duct Leakage. Target leakage is calculated and documented on the MECH-5-A.
The HVAC System "FC-1 & 2" incorporates HERS verified Duct Leakage. Target leakage is calculated and documented on the MECH-5-A.

The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant.

Authorized Signature or Stamp

Run Initiation Time: 12/29/09 09:44:09 Run Code: 1262108649

PERFORMANCE CERTIFICATE OF COMPLIANCE Part 3 of 3 PERF-1

PROJECT NAME Palm Springs Animal Care Facility | DATE 12/29/2009

ZONE INFORMATION

System Name	Zone Name	Occupancy Type	Floor Area (sqft.)	Inst. LPD (W/sf)[1]	Ctrl. Credits (W/sf)[2]	Allowed LPD Area (W/sf)[3]	Allowed LPD Tailored (W/sf)[4]	Proc. Loads (W/sf)
AC-1	TRAINING RM / RR	Comp Bldg Medical and Clinic	1,373	*1.100				
AC-2	VAV 2-1 CATS	Comp Bldg Medical and Clinic	321	*1.100				
	VAV 2-2 CAT HOLD #1	Comp Bldg Medical and Clinic	130	*1.100				
	VAV 2-3 CAT HOLD #2	Comp Bldg Medical and Clinic	140	*1.100				
	VAV 2-4 EXOCTICS #2	Comp Bldg Medical and Clinic	137	*1.100				
	VAV 2-5 PUPPIES	Comp Bldg Medical and Clinic	443	*1.100				
	VAV 2-6 CANINE	Comp Bldg Medical and Clinic	253	*1.100				
	VAV 2-7 SOCIAL ENCL	Comp Bldg Medical and Clinic	794	*1.100				
	VAV 2-8 DOG WARD	Comp Bldg Medical and Clinic	480	*1.100				
	VAV 2-9 DOG WARD	Comp Bldg Medical and Clinic	480	*1.100				
	VAV 2-10 DOG WARD	Comp Bldg Medical and Clinic	480	*1.100				
	VAV 2-11 DOG WARD	Comp Bldg Medical and Clinic	403	*1.100				
AC-3	VAV-3-1 VOLUNTEER	Comp Bldg Medical and Clinic	199	*1.100				
	VAV 3-2 RETAIL	Comp Bldg Medical and Clinic	248	*1.100				
	VAV 3-3 RETAIL STOR	Comp Bldg Medical and Clinic	134	*1.100				
	VAV 3-4 ADOPTION	Comp Bldg Medical and Clinic	1,541	*1.100				
	VAV 3-5 COUNSELING	Comp Bldg Medical and Clinic	186	*1.100				
	VAV 3-6 ACO	Comp Bldg Medical and Clinic	911	*1.100				
	VAV 3-7 DISPATCH	Comp Bldg Medical and Clinic	124	*1.100				
	VAV3-8 SPEC EXHIBIT	Comp Bldg Medical and Clinic	888	*1.100				

Notes: 1. See LTG-2-C (items marked with asterisk, see LTG-2-C by others) 2. See LTG-4-C 3. See LTG-5-C (by others) 4. See LTG-6-C | Items above require special documentation

EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST

The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justification, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.

The Roof R38 Roof is a CRRC Certified Roof with Reflectance = 0.70, Emittance = 0.75.
The HVAC System "AC - 2 RN-030-3-0-EBD9-000" includes a Variable Speed Drive on the Fan.
The HVAC System "AC - 2 RN-030-3-0-EBD9-000: Premium Eff" 5.50 BHP Supply Fan Motor has been specified.
The HVAC System "AC - 3 RN-020-3-0-EBD9-000 " includes a Variable Speed Drive on the Fan.
The HVAC System "AC - 3 RN-020-3-0-EBD9-000 : Premium Eff" 5.50 BHP Supply Fan Motor has been specified.
The HVAC System "AC - 5 RN-030-3-0-EBD9-000 " includes a Variable Speed Drive on the Fan.
The HVAC System "AC - 5 RN-030-3-0-EBD9-000 : Premium Eff" 2.00 BHP Supply Fan Motor has been specified.
The HVAC System "AC - 4 RN-020-3-0-EBD9-000" includes a Variable Speed Drive on the Fan.
The HVAC System "AC - 4 RN-020-3-0-EBD9-000: Premium Eff" 5.50 BHP Supply Fan Motor has been specified.
The HVAC System "AC - 6 RN-025-3-0-EBD9-000" includes a Variable Speed Drive on the Fan.
The HVAC System "AC - 6 RN-025-3-0-EBD9-000: Premium Eff" 1.50 BHP Supply Fan Motor has been specified.
The HVAC System "AC - 7 RN-015-3-0-EBD9-362" includes a Variable Speed Drive on the Fan.
The HVAC System "AC - 7 RN-015-3-0-EBD9-362: Premium Eff" 1.25 BHP Supply Fan Motor has been specified.

The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant.

Authorized Signature or Stamp

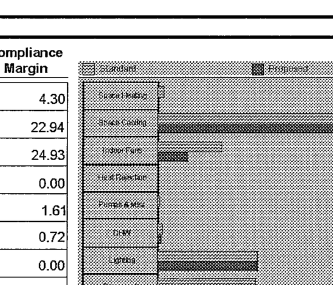
Run Initiation Time: 12/29/09 09:44:09 Run Code: 1262108649

PERFORMANCE CERTIFICATE OF COMPLIANCE Part 2 of 3 PERF-1

PROJECT NAME Palm Springs Animal Care Facility | DATE 12/29/2009

ANNUAL TDV ENERGY USE SUMMARY (kBtu/sqft-yr)

ENERGY COMPONENT	Standard Design	Proposed Design	Compliance Margin
Space Heating	4.70	0.40	4.30
Space Cooling	182.35	159.40	22.94
Indoor Fans	46.14	21.21	24.93
Heat Rejection	0.00	0.00	0.00
Pumps & Misc.	1.61	0.00	1.61
Domestic Hot Water	3.36	2.64	0.72
Lighting	72.80	72.80	0.00
Receptacle	71.63	71.63	0.00
Process	10.21	10.21	0.00
TOTALS:	392.81	338.30	54.50



Percent better than Standard: 13.9% (14.2% excluding process)

BUILDING COMPLIES

GENERAL INFORMATION

Building Orientation	(N) 0 deg	Conditioned Floor Area	19,396 sqft.
Number of Stories	1	Unconditioned Floor Area	0 sqft.
Number of Systems	9	Conditioned Footprint Area	19,396 sqft.
Number of Zones	55	Fuel Type	Natural Gas

	Orientation	Gross Area	Glazing Area	Glazing Ratio
Front Elevation	(N)	3,843 sqft.	300 sqft.	7.8%
Left Elevation	(E)	1,976 sqft.	179 sqft.	9.1%
Rear Elevation	(S)	4,611 sqft.	350 sqft.	7.6%
Right Elevation	(W)	4,622 sqft.	760 sqft.	16.4%
Total		15,052 sqft.	1,588 sqft.	10.6%
Roof		19,396 sqft.	92 sqft.	0.5%

	Standard	Proposed
Lighting Power Density	1.098 W/sqft.	1.098 W/sqft.
Prescriptive Env. Heat Loss	4,774 Btu/h	3,969 Btu/h
Prescriptive Env. Heat Gain	406,066 Btu/h-F	323,472 Btu/h-F

Remarks:

Run Initiation Time: 12/29/09 09:44:09 Run Code: 1262108649

PERFORMANCE CERTIFICATE OF COMPLIANCE Part 1 of 3 PERF-1

PROJECT NAME Palm Springs Animal Care Facility		DATE 12/29/2009
PROJECT ADDRESS 4575 E Mesquite Ave Palm Springs		Building Permit #
PRINCIPAL DESIGNER - ENVELOPE Swatt / Miers Architects	TELEPHONE 510-985-9779	
DOCUMENTATION AUTHOR MERRICK + ASSOCIATES	TELEPHONE (858) 549-9980	Checked by/Date Enforcement Agency Use

GENERAL INFORMATION

DATE OF PLANS Sept 30, 2009	BUILDING CONDITIONED FLOOR AREA 19,396 Sq.Ft.		CLIMATE ZONE 15
BUILDING TYPE	[X] NONRESIDENTIAL	[ ] HIGH RISE RESIDENTIAL	[ ] HOTEL/MOTEL GUEST ROOM
PHASE OF CONSTRUCTION	[X] NEW CONSTRUCTION	[ ] ADDITION	[ ] EXISTING + ADDITION/ALTERATION

STATEMENT OF COMPLIANCE

This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to a Building using the performance compliance approach.

The documentation preparer hereby certifies that the documentation is accurate and complete.

DOCUMENTATION AUTHOR Merrick & Associates, Inc. | SIGNATURE | DATE 01-04-10

The Principal Designer hereby certifys that the proposed building design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building as designed meets the energy efficiency requirements contained in sections 110, 116, through 118, and 140, 142, 143 or 149 of Title 24, Part 6.

ENV. LTG. MECH.

[ ] [ ] [X] 1. I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed in the State of California as a civil engineer, mechanical engineer, electrical engineer, or I am a licensed architect.

[ ] [ ] [ ] 2. I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code Section 5537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work.

[ ] [ ] [ ] 3. I affirm that I am eligible under Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described as exempt pursuant to Business and Professions Code Sections 5537, 5538, and 6737.1. (These sections of the Business and Professions Code are printed in full in the Nonresidential Manual.)

ENVELOPE COMPLIANCE

Indicate location on plans of Note Block for Mandatory Measures

Required Forms ENV-1

PRINCIPAL ENVELOPE DESIGNER - NAME	SIGNATURE	LIC. NO.	DATE
Swatt / Miers Architects			

LIGHTING COMPLIANCE

Indicate location on plans of Note Block for Mandatory Measures

Required Forms LTG-1, LTG-2

PRINCIPAL LIGHTING DESIGNER - NAME	SIGNATURE	LIC. NO.	DATE
Kruse & Associates			

MECHANICAL COMPLIANCE

Indicate location on plans of Note Block for Mandatory Measures

Required Forms MECH-1, MECH-2, MECH-3, MECH-5

PRINCIPAL MECHANICAL DESIGNER - NAME	SIGNATURE	LIC. NO.	DATE
Merrick and Associates		22271	01-04-10

Run Initiation Time: 12/29/09 09:44:09 Run Code: 1262108649

CERTIFICATE OF COMPLIANCE ENV-1-C

PROJECT NAME Palm Springs Animal Care Facility | DATE 12/29/2009

OPAQUE SURFACES

#	Surface Type	Area	U-Fac.	Insulation Cav.	Insulation Cont.	Act. Azm.	Tilt	Cond.* Status	Joint Appendix IV Reference	Location / Comments
41	Wall	197	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 3-4 ADOPTION
42	Roof	186	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 3-5 COUNSELING
43	Roof	911	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 3-6 ACO
44	Wall	286	0.183	R-19	R-0.0	90	90	New	11-A5	VAV 3-6 ACO
45	Roof	124	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 3-7 DISPATCH
46	Wall	128	0.183	R-19	R-0.0	90	90	New	11-A5	VAV 3-7 DISPATCH
47	Roof	888	0.029	R-38	R-0.0	0	0	New	02-A11	VAV3-8 SPEC EXHIBIT
48	Wall	86	0.183	R-19	R-0.0	180	90	New	11-A5	VAV3-8 SPEC EXHIBIT
49	Wall	62	0.183	R-19	R-0.0	90	90	New	11-A5	VAV3-8 SPEC EXHIBIT
50	Roof	322	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 4-1 STAFF LOUN
51	Wall	24	0.183	R-19	R-0.0	315	90	New	11-A5	VAV 4-1 STAFF LOUN
52	Wall	204	0.183	R-19	R-0.0	270	90	New	11-A5	VAV 4-1 STAFF LOUN
53	Wall	142	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 4-1 STAFF LOUN
54	Roof	681	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 4-2 HALLWAY C
55	Wall	72	0.183	R-19	R-0.0	0	90	New	11-A5	VAV 4-2 HALLWAY C
56	Wall	60	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 4-2 HALLWAY C
57	Roof	324	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 4-3 LOCKERS
58	Wall	116	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 4-3 LOCKERS
59	Wall	90	0.183	R-19	R-0.0	90	90	New	11-A5	VAV 4-3 LOCKERS
60	Roof	504	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 4-4 HALLWAY

* N, E, A, R (New, Existing, Altered, Removed)

FENESTRATION SURFACES

[ ] More than or equal to 10,000 sq.ft. of site-built fenestration area must include a label certificate either issued by NFRC or provide a CEC Default Label Certificate using the default U-factors from Standards Table 116-A and B. Certificate shall be filed in the contractor's project office during construction and in the building manager's office after construction

#	Type		Area	U-Fac.[1]		SHGC[2]		Act. Azm.	Cond. Stat.	Glazing Type	Location/ Comments
27	Window	Rear (S)	76	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 3-4 ADOPTION
28	Window	Left (E)	26	0.570	NI-1	0.31	COG	90	New	PPG SOLARBAN 60 (3) Bronze	VAV 3-6 ACO
29	Window	Left (E)	16	0.570	NI-1	0.31	COG	90	New	PPG SOLARBAN 60 (3) Bronze	VAV 3-7 DISPATCH
30	Window	Rear (S)	10	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV3-8 SPEC EXHIBIT
31	Window	Left (E)	10	0.570	NI-1	0.31	COG	90	New	PPG SOLARBAN 60 (3) Bronze	VAV3-8 SPEC EXHIBIT
32	Window	Right (W)	12	0.570	NI-1	0.31	COG	270	New	PPG SOLARBAN 60 (3) Bronze	VAV 4-1 STAFF LOUN
33	Window	Rear (S)	44	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 4-1 STAFF LOUN
34	Skylight	Front (N)	4	0.430	NFRC	0.30	NFRC	0	New	Solatube 0.43/0.30 NFRC	VAV 4-2 HALLWAY C
35	Window	Rear (S)	4	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 4-3 LOCKERS
36	Skylight	Front (N)	4	0.430	NFRC	0.30	NFRC	0	New	Solatube 0.43/0.30 NFRC	VAV 4-4 HALLWAY
37	Skylight	Front (N)	8	0.430	NFRC	0.30	NFRC	0	New	Solatube 0.43/0.30 NFRC	VAV 4-6 HALLWAY A
38	Window	Rear (S)	18	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 4-7 FOOD/GEN
39	Skylight	Front (N)	4	0.430	NFRC	0.30	NFRC	0	New	Solatube 0.43/0.30 NFRC	VAV 4-10 HALLWAY B

(1) U-factor Type: 116-A Default Table from Standards, Table NI-1 Default Table from the ACM Manual Appendix, NFRC Labeled value.
(2) SHGC Type: 116-B Default Table from Standards, COG Center of Glass, NFRC Labeled Value

EXTERIOR SHADING

#	Exterior Shade Type	SHGC	Window Hgt. Wd.	Overhang Len. Hgt. LExt. RExt.	Left Fin Dist. Len. Hgt.	Right Fin Dist. Len. Hgt.
27	None	0.76				
28	None	0.76				
29	None	0.76				
30	None	0.76				
31	None	0.76				
32	None	0.76				
33	None	0.76				
34	None	1.00				
35	None	0.76				
36	None	1.00				
37	None	1.00				
38	None	0.76				
39	None	1.00				

MINIMUM SKYLIGHT AREA FOR LARGE ENCLOSED SPACES

[ ] **The proposed building is in climate zones 2 through 15 and contains an enclosed space with floor area greater than 25,000 ft2, a ceiling height greater than 15 feet, and an LPD for general lighting of at least 0.5 W/ft2. See Section 143(c). If this box is checked, ENV-4-C must be filled out when submitting under the Prescriptive Compliance Approach.**

Run Initiation Time: 12/29/09 09:44:09 Run Code: 1262108649

CERTIFICATE OF COMPLIANCE ENV-1-C

PROJECT NAME Palm Springs Animal Care Facility | DATE 12/29/2009

OPAQUE SURFACES

#	Surface Type	Area	U-Fac.	Insulation Cav.	Insulation Cont.	Act. Azm.	Tilt	Cond.* Status	Joint Appendix IV Reference	Location / Comments
21	Wall	61	0.183	R-19	R-0.0	0	90	New	11-A5	VAV 2-8 DOG WARD
22	Wall	452	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 2-8 DOG WARD
23	Roof	480	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-9 DOG WARD
24	Wall	404	0.183	R-19	R-0.0	0	90	New	11-A5	VAV 2-9 DOG WARD
25	Wall	452	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 2-9 DOG WARD
26	Roof	480	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-10 DOG WARD
27	Wall	404	0.183	R-19	R-0.0	0	90	New	11-A5	VAV 2-10 DOG WARD
28	Wall	452	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 2-10 DOG WARD
29	Roof	403	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-11 DOG WARD
30	Wall	338	0.183	R-19	R-0.0	0	90	New	11-A5	VAV 2-11 DOG WARD
31	Wall	380	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 2-11 DOG WARD
32	Wall	132	0.183	R-19	R-0.0	90	90	New	11-A5	VAV 2-11 DOG WARD
33	Roof	199	0.029	R-38	R-0.0	0	0	New	02-A11	VAV-3-1 VOLUNTEER
34	Wall	106	0.183	R-19	R-0.0	315	90	New	11-A5	VAV-3-1 VOLUNTEER
35	Wall	163	0.183	R-19	R-0.0	270	90	New	11-A5	VAV-3-1 VOLUNTEER
36	Roof	248	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 3-2 RETAIL
37	Roof	134	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 3-3 RETAIL STOR
38	Roof	1,541	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 3-4 ADOPTION
39	Wall	92	0.183	R-19	R-0.0	315	90	New	11-A5	VAV 3-4 ADOPTION
40	Wall	280	0.183	R-19	R-0.0	270	90	New	11-A5	VAV 3-4 ADOPTION

* N, E, A, R (New, Existing, Altered, Removed)

FENESTRATION SURFACES

[ ] More than or equal to 10,000 sq.ft. of site-built fenestration area must include a label certificate either issued by NFRC or provide a CEC Default Label Certificate using the default U-factors from Standards Table 116-A and B. Certificate shall be filed in the contractor's project office during construction and in the building manager's office after construction

#	Type		Area	U-Fac.[1]		SHGC[2]		Act. Azm.	Cond. Stat.	Glazing Type	Location/ Comments
14	Window	Front (N)	11	0.570	NI-1	0.31	COG	0	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-8 DOG WARD
15	Window	Rear (S)	10	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-8 DOG WARD
16	Window	Front (N)	58	0.570	NI-1	0.31	COG	0	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-9 DOG WARD
17	Window	Rear (S)	10	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-9 DOG WARD
18	Window	Front (N)	58	0.570	NI-1	0.31	COG	0	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-10 DOG WARD
19	Window	Rear (S)	10	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-10 DOG WARD
20	Window	Front (N)	52	0.570	NI-1	0.31	COG	0	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-11 DOG WARD
21	Window	Rear (S)	10	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-11 DOG WARD
22	Window	Left (E)	12	0.570	NI-1	0.31	COG	90	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-11 DOG WARD
23	Window	Right (NW)	14	0.570	NI-1	0.31	COG	315	New	PPG SOLARBAN 60 (3) Bronze	VAV-3-1 VOLUNTEER
24	Window	Right (W)	17	0.570	NI-1	0.31	COG	270	New	PPG SOLARBAN 60 (3) Bronze	VAV-3-1 VOLUNTEER
25	Window	Right (NW)	76	0.570	NI-1	0.31	COG	315	New	PPG SOLARBAN 60 (3) Bronze	VAV 3-4 ADOPTION
26	Window	Right (W)	450	0.570	NI-1	0.31	COG	270	New	PPG SOLARBAN 60 (3) Bronze	VAV 3-4 ADOPTION

(1) U-factor Type: 116-A Default Table from Standards, Table NI-1 Default Table from the ACM Manual Appendix, NFRC Labeled value.
(2) SHGC Type: 116-B Default Table from Standards, COG Center of Glass, NFRC Labeled Value

EXTERIOR SHADING

#	Exterior Shade Type	SHGC	Window Hgt. Wd.	Overhang Len. Hgt. LExt. RExt.	Left Fin Dist. Len. Hgt.	Right Fin Dist. Len. Hgt.
14	None	0.76				
15	None	0.76				
16	None	0.76				
17	None	0.76				
18	None	0.76				
19	None	0.76				
20	None	0.76				
21	None	0.76				
22	None	0.76				
23	None	0.76				
24	None	0.76				
25	None	0.76				
26	None	0.76				

MINIMUM SKYLIGHT AREA FOR LARGE ENCLOSED SPACES

[ ] **The proposed building is in climate zones 2 through 15 and contains an enclosed space with floor area greater than 25,000 ft2, a ceiling height greater than 15 feet, and an LPD for general lighting of at least 0.5 W/ft2. See Section 143(c). If this box is checked, ENV-4-C must be filled out when submitting under the Prescriptive Compliance Approach.**

Run Initiation Time: 12/29/09 09:44:09 Run Code: 1262108649

CERTIFICATE OF COMPLIANCE ENV-1-C

PROJECT NAME Palm Springs Animal Care Facility | DATE 12/29/2009

OPAQUE SURFACES

#	Surface Type	Area	U-Fac.	Insulation Cav.	Insulation Cont.	Act. Azm.	Tilt	Cond.* Status	Joint Appendix IV Reference	Location / Comments
1	Roof	1,373	0.029	R-38	R-0.0	0	0	New	02-A11	TRAINING RM / RR
2	Wall	637	0.183	R-19	R-0.0	315	90	New	11-A5	TRAINING RM / RR
3	Wall	1,243	0.183	R-19	R-0.0	270	90	New	11-A5	TRAINING RM / RR
4	Wall	51	0.183	R-19	R-0.0	180	90	New	11-A5	TRAINING RM / RR
5	Wall	412	0.183	R-19	R-0.0	90	90	New	11-A5	TRAINING RM / RR
6	Roof	321	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-1 CATS
7	Wall	270	0.183	R-19	R-0.0	270	90	New	11-A5	VAV 2-1 CATS
8	Wall	58	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 2-1 CATS
9	Roof	126	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-2 CAT HOLD #1
10	Wall	86	0.183	R-19	R-0.0	90	90	New	11-A5	VAV 2-2 CAT HOLD #1
11	Roof	136	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-3 CAT HOLD #2
12	Roof	133	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-4 EXOCTICS #2
13	Roof	443	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-5 PUPPIES
14	Wall	394	0.183	R-19	R-0.0	315	90	New	11-A5	VAV 2-5 PUPPIES
15	Roof	253	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-6 CANINE
16	Wall	69	0.183	R-19	R-0.0	90	90	New	11-A5	VAV 2-6 CANINE
17	Roof	794	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-7 SOCIAL ENCL
18	Wall	505	0.183	R-19	R-0.0	0	90	New	11-A5	VAV 2-7 SOCIAL ENCL
19	Wall	399	0.183	R-19	R-0.0	180	90	New	11-A5	VAV 2-7 SOCIAL ENCL
20	Roof	480	0.029	R-38	R-0.0	0	0	New	02-A11	VAV 2-8 DOG WARD

* N, E, A, R (New, Existing, Altered, Removed)

FENESTRATION SURFACES

[ ] More than or equal to 10,000 sq.ft. of site-built fenestration area must include a label certificate either issued by NFRC or provide a CEC Default Label Certificate using the default U-factors from Standards Table 116-A and B. Certificate shall be filed in the contractor's project office during construction and in the building manager's office after construction

#	Type		Area	U-Fac.[1]		SHGC[2]		Act. Azm.	Cond. Stat.	Glazing Type	Location/ Comments
1	Window	Right (NW)	60	0.570	NI-1	0.31	COG	315	New	PPG SOLARBAN 60 (3) Bronze	TRAINING RM / RR
2	Window	Right (W)	15	0.570	NI-1	0.31	COG	270	New	PPG SOLARBAN 60 (3) Bronze	TRAINING RM / RR
3	Window	Left (E)	64	0.570	NI-1	0.31	COG	90	New	PPG SOLARBAN 60 (3) Bronze	TRAINING RM / RR
4	Window	Right (W)	18	0.570	NI-1	0.31	COG	270	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-1 CATS
5	Window	Rear (S)	38	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-1 CATS
6	Skylight	Front (N)	4	0.430	NFRC	0.30	NFRC	0	New	Solatube 0.43/0.30 NFRC	VAV 2-2 CAT HOLD #1
7	Window	Left (E)	10	0.570	NI-1	0.31	COG	90	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-2 CAT HOLD #1
8	Skylight	Front (N)	4	0.430	NFRC	0.30	NFRC	0	New	Solatube 0.43/0.30 NFRC	VAV 2-3 CAT HOLD #2
9	Skylight	Front (N)	4	0.430	NFRC	0.30	NFRC	0	New	Solatube 0.43/0.30 NFRC	VAV 2-4 EXOCTICS #2
10	Window	Right (NW)	47	0.570	NI-1	0.31	COG	315	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-5 PUPPIES
11	Window	Left (E)	15	0.570	NI-1	0.31	COG	90	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-6 CANINE
12	Window	Front (N)	56	0.570	NI-1	0.31	COG	0	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-7 SOCIAL ENCL
13	Window	Rear (S)	60	0.570	NI-1	0.31	COG	180	New	PPG SOLARBAN 60 (3) Bronze	VAV 2-7 SOCIAL ENCL

(1) U-factor Type: 116-A Default Table from Standards, Table NI-1 Default Table from the ACM Manual Appendix, NFRC Labeled value.
(2) SHGC Type: 116-B Default Table from Standards, COG Center of Glass, NFRC Labeled Value

EXTERIOR SHADING

#	Exterior Shade Type	SHGC	Window Hgt. Wd.	Overhang Len. Hgt. LExt. RExt.	Left Fin Dist. Len. Hgt.	Right Fin Dist. Len. Hgt.
1	None	0.76				
2	None	0.76				
3	None	0.76				
4	None	0.76				
5	None	0.76				
6	None	1.00				
7	None	0.76				
8	None	1.00				
9	None	1.00				
10	None	0.76				
11	None	0.76				
12	None	0.76				
13	None	0.76				

MINIMUM SKYLIGHT AREA FOR LARGE ENCLOSED SPACES

[ ] **The proposed building is in climate zones 2 through 15 and contains an enclosed space with floor area greater than 25,000 ft2, a ceiling height greater than 15 feet, and an LPD for general lighting of at least 0.5 W/ft2. See Section 143(c). If this box is checked, ENV-4-C must be filled out when submitting under the Prescriptive Compliance Approach.**

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PERFORMANCE CERTIFICATE OF COMPLIANCE Part 3 of 3 PERF-1

PROJECT NAME Palm Springs Animal Care Facility | DATE 12/29/2009

ZONE INFORMATION

System Name	Zone Name	Occupancy Type	Floor Area (sqft.)	Inst. LPD (W/sf)[1]	Ctrl. Credits (W/sf)[2]	Allowed LPD Area (W/sf)[3]	Allowed LPD Tailored (W/sf)[4]	Proc. Loads (W/sf)
	VAV 6-5 FERAL	Comp Bldg Medical and Clinic	136	*1.100				
	VAV 6-6 FERAL	Comp Bldg Medical and Clinic	136	*1.100				
	VAV 6-7 FERAL	Comp Bldg Medical and Clinic	136	*1.100				
	VAV 6-8 CAT EVAL	Comp Bldg Medical and Clinic	107	*1.100				
	VAV 6-9 DOG EVAL	Comp Bldg Medical and Clinic	152	*1.100				
	VAV 6-10 GROOMING	Comp Bldg Medical and Clinic	287	*1.100				
	VAV 6-11 REGISTRY	Comp Bldg Medical and Clinic	306	*1.100				
	VAV 6-12 LARGE ANIM	Comp Bldg Medical and Clinic	130	*1.100				
AC-7	VAV 7-1 CAT ISO	Comp Bldg Medical and Clinic	138	*1.100				
	VAV 7-2 DOG ISO	Comp Bldg Medical and Clinic	303	*1.100				
	VAV 7-3 EXAM/PREP	Comp Bldg Medical and Clinic	405	*1.100				3.000
	VAV 7-4 SURGERY	Comp Bldg Medical and Clinic	180	*1.100				3.000
	VAV 7-5 EUTHANASIA	Comp Bldg Medical and Clinic	295	*1.100				3.000
FC-1 & 2	IT RM # 309	Electrical, Mechanical Room	83	*0.700				5.000
	TEL DATA RM #309.1	Electrical, Mechanical Room	38	*0.700				5.000

Notes: 1. See LTG-2-C (items marked with asterisk, see LTG-2-C by others) 2. See LTG-4-C 3. See LTG-5-C (by others) 4. See LTG-6-C | Items above require special documentation

EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST

The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justification, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.

The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant.

Authorized Signature or Stamp

Run Initiation Time: 12/29/09 09:44:09 Run Code: 1262108649

SWATT | MIERS ARCHITECTS
5845 Doyle Street, Suite 104
Emeryville, CA 94608
Tel: 510 985 9779
Fax: 510 985 0116
www.swattmiers.com

JAN 19 2010

BID SET

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DAVID P. MERRICK No. 22271 EXP. 12/31/11 MECHANICAL STATE OF CALIFORNIA REGISTERED PROFESSIONAL ENGINEER

MERRICK + ASSOCIATES
MECHANICAL CONSULTING AND ENGINEERING
9606 Tierra Grande Street, Suite 206
San Diego, California 92126
(858) 549-9980
fax. (858) 549-9987

PALM SPRINGS ANIMAL CARE FACILITY

4575 E. MESQUITE AVE.
PALM SPRINGS, CA 92262

CITY OF PALM SPRINGS
PROJECT NO. CP. 07-24

APN: 680-020-010

Issue

Rev	Date	By	Description
1	8/18/09	TH	DD SET
2	10/6/09	BL	PROGRESS SET
3	11/23/09	BL	Bldg. Permit Set
4	01/04/10	BL	Bldg. Permit Re-Submittal
5	01/18/10	BL	Bid Set

NOT FOR CONSTRUCTION

Drawn By	RO
Checked By	DM
Job No.	0903
Issue Date	01/18/10
Scale	1/8"=1'-0"

Reference North

Drawing Title

TITLE 24

T24.1

Sheet

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