CERTIFICATE OF COM			(}-	lart 1 of 4)	MECM-1C
Project Name		, 421-7				Date 4/5/0040
BCSD School Bullding L Admin. Project Address	stration	I Climate	7000	Total Cond	Floor Area	1/5/2012 Addition Floor Area
Bakersfield		Cimate	13	4,7		n/a
GENERAL INFORMATION						
	onresidential	<u>П</u> Н	ligh-Rise Resideni	ial 🛭 Ho	tel/Motel C	iuest Room
	elocatable Public Sch	noal Bldg.	☑ Conditioned	l Spaces	□ Uncon	ditioned Spaces
Phase of Construction: ZI N	ew Construction		Addition	□ All	eration	
Approach of Compliance	omponent)verall Envelope T nergy	DV 🗆 Ur	conditione	d (file affidavit)
Front Orientation; N, E S, W or in Deg	rees 0 deg					
HVAC SYSTEM DETAILS				FIELD INSPE	CTION ENE	RGY CHECKLIST
		***************************************				equirements
Equipment ²	lnso	ection Crit	terla	Pass		escribe Reason ²
Item or System Tags (i.e. AC-1, RTU-1, HP-1)	HP L-1	····				П
Equipment Type ³ .	Split DX					
Number of Systems	1					
Max Allowed Heating Capacity ¹	120,000 Btu/hr	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			T	
Minimum Heating Efficiency ¹	3.30 COP					
Max Allowed Cooling Capacity ¹	120,000 Btu/hr					
Cooling Efficiency ¹	11.0 EER					
Duct Location/ R-Value	Attıc, Roof Ins /	4 2				
When duct testing is required, submit MECH-4A & MECH-4-HERS	No	_		0		
Economizer	Diff. Temp (Integ	grated)				
Thermostat	Setback Require	∍d				
Fan Control	Constant Volume	e				
		•		FIELD INSPEC	CTION ENE	RGY CHECKLIST
Equipment ²	Insp	ection Crit	eria	Pass	Fail - D	escribe Reason²
Item or System Tags	CU-L1					
(i.e. AC-1, RTU-1, HP-1) Equipment Type ³ :	Split DX					
Number of Systems	1				 	
Max Allowed Heating Capacity ¹	18,000 Btu/hr					
Minimum Heating Efficiency ¹	n/a					
Max Allowed Cooling Capacity ¹	36,000 Btu/hr					
Cooling Efficiency ¹	15.1 SEER / 13.	0 EER			<u> </u>	
Duct Location/ R-Value	· · · · · · · · · · · · · · · · · · ·	Attic, Ceiling Ins, vented / 8.0				
When duct testing is required, submit MECH-4A & MECH-4-HERS	No	,			0	
Economizer	No Economizer					
Thermostat	Setback Require	ed				
Fan Control	Constant Volume			ם		
If the Actual installed equipment performs the building plans) the responsible party of 2. For additional detailed discrepancy use F.3. Indicate Equipment Type Gas (Pkg or. S.).	hall resubmit energy cor age 2 of the Inspection (mphance to r Checklist For	nclude the new chan m. Comphance fails	ges.		omittal or from

FIELD INSPECTION END Project Name	and I GILON	LIVI			Date
BCSD School Building L Adminis	tration				1/5/2012
Project Address		Total Cond.		Addition Floor Are	
Bakersfield		13	4,7	00	n/a
GENERAL INFORMATION		P1 15-1 D1- D1- d-	ala III lie	talihiatal C	Cunat Channe
Building Type: 52 No	nresidential	☐ High-Rise Resider		luest Room ditioned Spaces	
☐ Schools (Public School) ☐ Re	locatable Public Schoo	of Bldg. Ø Conditions	ed Spaces	(affida	vit)
Phase of Construction: 🛛 🖾 Ne	□ Addition	□ Alt	eration		
Approach of Compliance 🔲 Co	mponent	Overall Envelope Energy	TDV 🗆 Ur	conditione	d (file affidavit)
Front Orientation: N, E, S, W or in Degri	es 0 deg				
HVAC SYSTEM DETAILS			FIELD INSPEC	CTION ENE	RGY CHECKLIST
			Meets C	riteria or F	lequirements
Equipment ²	Inspec	tion Criteria	Pass	Fail - D	escribe Reason ²
Item or System Tags (Le. AC-1, RTU-1, HP-1)	DOAS				
Equipment Type ³	Packaged DX				
Number of Systems	1				
Max Allowed Heating Capacity ¹	39,400 Btu/hr				
Minimum Heating Efficiency ¹	n/a				
Max Allowed Cooling Capacity ¹	0 Btu/hr				
Cooling Efficiency ¹	n/a				
Duct Location/ R-Value	Attic, Ceiling Ins, v	rented / 8.0			
When duct testing is required, submit MECH-4A & MECH-4-HERS	No				
Economizer	100% Outside Air				
Thermostat	Setback Required				
Fan Control	Constant Volume				
			FIELD INSPEC	TION ENE	RGY CHECKLIST
Equipment ²	Inspec	tion Criteria	Pass	Fail - D	<u>escribe Reason²</u>
item or System Tags (r.e. AC-1, RTU-1, HP-1)					
Equipment Type ³ .					0
Number of Systems					
Max Allowed Heating Capacity ¹					
Animum Heating Efficiency ¹					
Max Allowed Cooling Capacity ¹					
Cooling Efficiency ¹			П		
Duct Location/ R-Value					
When duct testing is required, submit MECH-4A & MECH-4-HERS					
Economizer					
Thermostat				<u> </u>	0
Fan Control					
If the Actual installed equipment performan the building plans) the responsible party sh For additional detailed discrepancy use Pa Indicate Equipment Type: Gas (Pkg or Spir	all resubmit energy comp ge 2 of the Inspection Che	liance to include the new cha ecklist Form Compliance fail:	nges		bmittal or from
EnergyPro 5.1 by EnergySoft User Numbe	n £222 BunCodo	2012-01-05T14:34:22	ID: 09091		Page 17 of 25

CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST	(Part 2 of 4)	MECH-1
Project Name BCSD School Building L Administration		Date 1/5/2012
Discrepancies:		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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EnergyPro 5 1 by EnergySoft User Number: 5232 RunCode: 2012-01-	05T14;34;22 ID; 09091	Page 18 of

CERTIFICATE OF COMP	LIAN	ICE and	FIELD IN	ISPECTI	ON ENE	RGY CH	HECKLI	ST (P	Part 3 of	4) M	ECH-
Project Name BCSD School Building L Administration								Date	C (0 0 1 0		
Required Acceptance Tests									1/3	5/2012	
· ·											
Designer: This form is to be used by the designer a boxes by all acceptance tests that apply the number of systems. The NA number part of the plans, completion of this section.	and list designa	ed all equipment ates the Section	nt that require n in the Apper	s an acceptar idix of the Noi	ice test. If all i rresidential R	equipment of eference App	a certain typ cendices Ma	e requires a	test, list the a	eguipment des	scription
Building Departments: Systems Acceptance: Before occupant normal use, all control devices serving the Systems Acceptance: Before occupant. The MECH-1C form is not considered a person performing the test (Example, HV checked-off forms are required for ALL resolution).	he buildi cy permi complet VAC inst newly in:	ng or space shit is granted. All ted form and is taller, TAB cont stalled equipmi	all be certified if newly installent not to be accertification, contro- ent. In addition	I as meeting the distribution of the distribut	he Acceptanc ipment must to wilding depart PE in charge of Acceptance	e Requirements be tested using tracent unless of project) ar se forms shal	ints for Code ing the Accep the correct I ind what Acce I be submitte	Compliance stance Requipoxes are chaptance test to the bulk	i. rements ecked. The ed must be condi ling departme	quipment requucted. The follent that certifie	uiring test llowing es plans.
specifications, installation, certificates, a properly filled out and signed forms befo					se requiremen	112 01 8 10-10	o(D) and The	a corrunt or	n io bunang n	ishacini sunsi	(I COGIVE I
		uilding can rec	eive final occu	рапсу.							
properly filled out and signed forms befo			MECH-3A Constant Volume & Single-Zone		MECH-5A Economizer	MECH-6A Demand Control Ventilation	MECH-7A Supply Fan	MECH-8A Valve Leakage	MECH-9A Supply Water Temp.	MECH-10A Hydronic System Variable Flow	MECH- Autom Dema She
properly filled out and signed forms befo	re the b	MECH-2A Outdoor Ventilation For	MECH-3A Constant Volume &	MECH-4A Air Distribution	MECH-5A	MECH-6A Demand Control	MECH-7A Supply	MECH-8A Valve	MECH-9A Supply Water	MECH-10A Hydronic System Variable	MECH- Autom Dema She Cont
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Ventication	re the b	MECH-2A Outdoor Ventilation For VAV & CAV	MECH-3A Constant Volume & Single-Zone Unitary	MECH-4A Air Distribution Ducts	MECH-5A Economizer Controls	MECH-6A Demand Control Ventilation DCV	MECH-7A Supply Fan VAV	MECH-8A Valve Leakage Fest	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH- Autom Dema She Cont
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120	Qty.	MECH-2A Outdoor Ventilation For VAV & CAV	MECH-3A Constant Volume & Single-Zone Unitary	MECH-4A Air Distribution Ducts	MECH-5A Economizer Controls	MECH-6A Demand Control Ventilation DCV	MECH-7A Supply Fan VAV	MECH-8A Valve Leakage Fest	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH- Autom Dema She Contr
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	Ulding can reco	MECH-3A Constant Volume & Single-Zone Unitary Zi	MECH-4A Air Distribution Ducts	MECH-5A Economizer Controls ZI	MECH-6A Demand Control Ventilation DCV	MECH-7A Supply Fan VAV	MECH-8A Valve Leakage Fest	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH- Autom Dema She Cont
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	MECH-2A Outdoor Ventilation For VAV & CAV	MECH-3A Constant Volume & Single-Zone Unitary [Z]	MECH-4A Air Distribution Ducts	MECH-5A Economizer Controls II	MECH-6A Demand Control Ventilation DCV Z	MECH-7A Supply Fan VAV	MECH-8A Vaive Leakage Fest □ □	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH- Autom Dema She Conti
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	Ulding can reco	MECH-3A Constant Volume & Single-Zone Unitary IZI IZI	MECH-4A Air Distribution Ducts	MECH-5A Economizer Controls [7]	MECH-6A Demand Control Ventilation DCV [2] □ □	MECH-7A Supply Fan VAV	MECH-8A Vaive Leakage Fest □ □	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH- Autom Dema She Cont
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	MECH-2A Outdoor Ventilation For VAV & CAV	MECH-3A Constant Volume & Single-Zone Unitary	MECH-4A Air Distribution Ducts	MECH-5A Economizer Controls Z	MECH-6A Demand Control Ventilation DCV	MECH-7A Supply Fan VAV	MECH-8A Valve Leakage Fest □ □ □	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH- Autom Dema She Conti
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	MECH-2A Outdoor Ventilation For VAV & CAV	MECH-3A Constant Volume & Single-Zone Unitary	MECH-4A Air Distribution Ducts □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-5A Economizer Controls	MECH-6A Demand Control Ventilation DCV	MECH-7A Supply Fan VAV □ □ □ □ □	MECH-8A Valve Leakage Fest □ □ □ □ □	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH Autorr Dema She Cont
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	Ulding can reco	MECH-3A Constant Volume & Single-Zone Unitary	MEGH-4A Air Distribution Ducts □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-5A Economizer Controls II	MECH-6A Demand Control Ventilation DCV	MECH-7A Supply Fan VAV	MECH-8A Valve Leakage Fest □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH- Autom Dema She Cont
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	MECH-2A Outdoor Ventilation For VAV & CAV	MECH-3A Constant Volume & Single-Zone Unitary IZ I I I I I I I I I I I I I I I I I I	MECH-4A Air Distribution Ducts □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-5A Economizer Controls	MECH-6A Demand Control Ventilation DCV	MECH-7A Supply Fan VAV □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-8A Vaive Leakage Fest □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH-Autom Dema She Cont
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	Ultding can reco	MECH-3A Constant Volume & Single-Zone Unitary III III III III III III III	MECH-4A Air Distribution Ducts □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-5A Economizer Controls II	MEGH-6A Demand Control Ventilation DCV [2]	MECH-7A Supply Fan VAV □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-8A Vaive Leakage Fest □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH-Autom Dema She Cont
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	Uliding can reco	MECH-3A Constant Volume & Single-Zone Unitary	MECH-4A Air Distribution Ducts □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-5A Economizer Controls II	MECH-6A Demand Control Venilitation DCV	MECH-7A Supply Fan VAV □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-8A Valve Leakage Fest □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH- Autom Dema She Cont Z D D D D D D D D D D D D
properly filled out and signed forms befo TEST DESCRIPTION Equipment Requiring Testing or Verification PURY-P120 MUY-D36NA / MSY-D36NA	Qty.	Uliding can reco	MECH-3A Constant Volume & Single-Zone Unitary	MECH-4A Air Distribution Ducts □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-5A Economizer Controls	MEGH-6A Demand Control Ventilation DCV	MECH-7A Supply Fan VAV □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-8A Valve Leakage Fest □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	MECH-9A Supply Water Temp. Reset	MECH-10A Hydronic System Variable Flow Control	MECH- Autom Dema She Cont Zi

CERTIFICATE OF CON	IPLIAN	CE and F	IELD INSP	ECTION E	NERGY CH	ECKLIST (Part 4 of 4)	MECH-1
Project Name						Date	,
BCSD School Building L. Admin	istration				,		1/5/2012
TEST DESCRIPTION		MECH-12A Fault Detection &	MECH-13A Automatic Fault Detection &	MECH-14A Distributed Energy Storage	MECH-15A Thermal Energy		
Equipment Requiring Testing	Qly	Diagnostics for DX Units	Diagnostics for Air & Zone	DX AC Systems	Storage (TES) Systems	Test Performed By	
PURY-P120	1		Ø				
/UY-D36NA / MSY-D36NA	1			0			
Greenheck ERV-361S-15-B	1		0				
						., , , , , , , , , , , , , , , , , , ,	

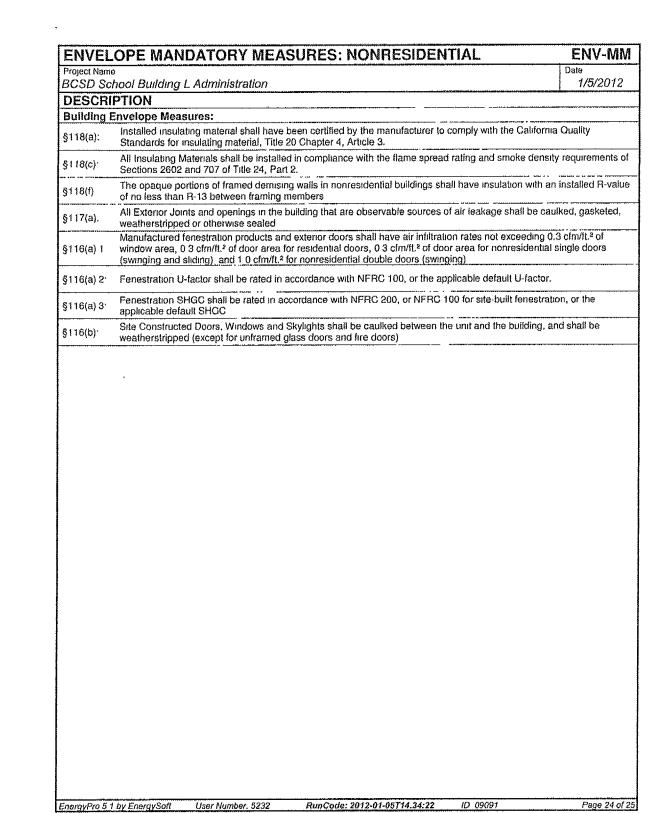
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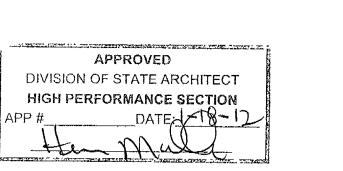
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Project Name BCSD School Building L Ad	lministration			Date 1/5/2012
	Indic	ate Air Systems Type (Co	entral, Single Zone, Packagi	e, VAV, or etc)
Item or System Tags (i.e. AC-1, RTU-1, HP-1)		HP L-1	CU-L1	DOAS
Number of Systems		1	1	1
	Indicate Pag	e Reference on Plans or	Schedule and Indicate the	applicable exception(s
MANDATORY MEASURES	T-24 Sections			
Heating Equipment Efficiency	112(a)	3 30 COP	n/a	n/a
Cooling Equipment Efficiency	112(a)	110EER	15.1 SEER / 13 0 EER	n/a
HVAC Heal Pump Thermostat	112(b), 112(c)	Yes	n/a	n/a
Furnace Controls/Thermostat	112(c), 115(a)	n/a	n/a	n/a
Natural Ventilation	121(b)		No	Yes
Mechanical Ventilation	121(b)	806 cfm	24 cfm	850 cfm
VAV Minimum Position Control	121(c)	No	No	No
Demand Control Ventilation	121(c)	Yes	No	No
Time Cantrol	122(e)	Programmable Switch	Programmable Switch	Programmable Switch
Setback and Setup Control	122(e)	Setback Required	Selback Required	Sethack Required
Outdoor Damper Control	122(1)	Aulo	Aulo	Auto
Isolation Zones	122(9)	n/a	n/a	n/a
Pipe Insulation	123			
Duct Location/ R-value	124	Attic, Roof Ins / 4 2	Attic, Ceiling Ins. vented / 8 0	Attic, Ceiling Ins, vented /
PRESCRIPTIVE MEASURES		n/a	n/a	n/a
Calculated Design Heating Load	144(a & b)	74,949 Btu/hr	0 Btu/hr	0 Btu/hr
Proposed Heating Capacity	144(a & b)	n/a	n/a	n/a
Calculated Design Cooling Load	144(a & b)	105,848 Btu/hi	25,833 Btu/hr	0 Btu/hr
Proposed Cooling Capacity	144(a & b)	Constant Volume	Constant Volume	Constant Volume
Fan Control	144(c)	CONSIGNIC VOIGING	Constant Falante	- Constant Formio
DP Sensor Location	144(c)		Yes	Yes
Supply Pressure Reset (DDC only)	144(c)	No	No	No
Simultaneous Heat/Cool	144(d)	Diff Temp (Integrated)	Na Economizer	100% Outside Air
Economizer	144(e)	Constant Temp	Constant Temp	Constant Temp
Heat Air Supply Reset	144(i)	Constant Temp	Constant Temp	Constant Temp
Cool An Supply Reset	144(i)	CONSIGN TEMP	Consistent verify	Constant Tonip
	144(g)	,	· · · · · · · · · · · · · · · · · · ·	
Electric Resistance Healing ¹				No
Electric Resistance Healing ¹ Air Cooled Chiller Limitation Duct Leakage Sealing II Yes, a	144(i)	No	No	110
Electric Resistance Healing ¹ Air Cooled Chiller Limitation Duct Leakage Sealing If Yes, a MECH-4-A must be submitted	144(k)	,	ctric auxiliary heat for heat pumps	

ProjectName	ANICAL VE hoof Building L	******************	***************************************	/ FILITA	PA I	·····	······						Date	CH-3 2012
		MEC	IANICAL	VENTILATION	ON (8121	ъ\2)	***************************************			REHE	AT I IRRITAT	TON (5144	! /d\\	T
*** ******		AREA BASIS			OCCUPANCY BASIS				REHEAT LIMITATION (§144(d)) VAV MINIMUM					
	A	н -				E F G			<u>.</u>	J	К	Ł	M	N
Zor	re/System	Condition Area (It²)	CFM per ft ²	Min CFM By Area B X C	Number Of	CFM per Person	Min CPM by Occupant EXF	H REQ'D V.A. Max of D or G	Design Ventifation Air CFM	50% of Design Zone Supply CFM	BX0.4 CFM/ft ²	Max. of Columns H, J. K, 300 CFM	Design Minimum Air	Trans
Zone L+1		368	0.15	55				55	55		1	334.37.27.		1
Zone L-2		572	0.15	86	dedder Adder America comme			86	86				;	
Zone L-3		325	0 19	62				67	62				! !	
Zone L-4		1,392	0.15	209				209	209					
Zone L-5		622	0 15	93	· · · · · · · · · · · · · · · · · · ·			93	93					
Zone L-6		324	0 50	182				162	162					
Zone L-7		927	0 15	139				139	139					
HP L-1	****						Total	806	808					
Dala Room		160	0.15	24				24	24					
CU-L1							Fotal	24	24					
DOAS Zone		10	0.16	2				. 2						
DOAS							Total	2	850		100% OA			<u> </u>
												,		<u> </u>
		-												<u> </u>
		<u> </u>											<u> </u>	ļ
				Totals		J				Column I Total	Dasign Vent	ilation Air		<u> </u>
C	Minimum ventila	tion rate per Section	on §121, Ta	able 121-A,			······································	······································	······································					************
F	Based on lixed s	eat or the greater	of the expe	cled number (of occupant	s and 50%	of the CBC oc	cupant load	for egress bu	rpáses fór ápace	s without fixe	ed seating.	*****	***************************************
Н	Required Ventila	tlan Air (REQ D V	A.) is the le	irger of the ve	ntilation rat	es calculate	d on an AREA	BASIS or	OCCUPANCY	BASIS (Column	D or G),			
ı	1	than or equal to H												
J	Design fan suppl	y CFM (Fan CFM	x 50%; ar	the design zo	ne autdaer	airflow rate	per §121.							
К	Condition area (f	t ²) x 0.4 CFM / ft ² ;	or											
L	Maximum of Col	umns H. J. K. or 3	00 CFM											
М	This must be less	s than or equal to	Column L a	nd greater tha	n or equal	to the sum	of Columns H	plus N.						
N	Transfer Air mus equal to the diffe	t be provided who rence between th	re the Requ e Required	ifred Ventifation Ventilation A:	er Air (Colu r (Column i	mn H) is gre H) and the f	eater than the Jesion Minimus	Design Min m Air (Cale	imum Air (Colum mn M), Colum	umn M). Where i n H mirus M	equired, tran	sfər air must	be greater t	nan or
EnergyPro 5	1 by EnergySoft	Usec Numi					e: 2012-01-05		mp walling	IO: 09091		***************************************	Par	70 22 a

Project Name	pol Building L Administration	Date 1/5/2012					
	nt and System Efficiencies	170/2012					
§111:	Any appliance for which there is a California standard established in the Appliance Efficiency Reg with the applicable standard	gulations will comply					
§115(a)	Fan type central furnaces shall not have a pilot light.						
§123:	Piping, except that conveying fluids at temperatures between 60 and 105 degrees Fahrenheit, or equipment, shall be insulated in accordance with Standards Section 123.						
§124:	Air handling duct systems shall be installed and insulated in compliance with Sections 601, 602, the CMC Standards.	603, 604, and 605 of					
Controls							
§122(e)·	Each space conditioning system shall be installed with one of the following:						
1A	Each space conditioning system serving building types such as offices and manufacturing facilities explicitly exempt from the requirements of Section 112 (d)) shall be installed with an automatic time accessible manual override that allows operation of the system during off-hours for up to 4 hours shall be capable of programming different schedules for weekdays and weekends and have programabilities that prevent the loss of the device's program and time setting for at least 10 hours if program at least 10 hours if program and time setting for at least 10 hours if program and time setting for at least 10 hours if program and time setting for at least 10 hours if program and time setting for at least 10 hours if program and time setting for at least 10 hours if program and time setting for at least 10 hours if program and time setting for at least 10 hours if program and time setting for at least 10 hours if program and time setting for at least 10 hours 10	ne switch with an . The time switch ram backup					
	An occupancy sensor to control the operating period of the system; or						
<u>1C.</u>	A 4 hour timer that can be manually operated to control the operating period of the system.						
2	system as required to maintain a setback heating and/or a setup cooling thermostat setpoint.						
§122(g)·	Each space conditioning system serving multiple zones with a combined conditioned floor area in square feet shall be provided with isolation zones. Each zone, shall not exceed 25,000 square fewith isolation devices, such as valves or dampers that allow the supply of heating or cooling to be independently of other isolation areas; and shall be controlled by a time control device as described.	eet; shall be provided e setback or shut off					
§122(c):	Thermostats shall have numeric setpoints in degrees Fahrenheit (F) and adjustable setpoint stop authorized personnel						
§122(b)·	Heat pumps shall be installed with controls to prevent electric resistance supplementary heater o heating load can be met by the heat pump alone						
§122(a&b):	Each space conditioning system shall be controlled by an individual thermostat that responds to t zone. Where used to control heating, the control shall be adjustable down to 55 degrees F or low control shall be adjustable up to 85 degrees F or higher. Where used for both heating and coolin capable of providing a deadband of at least 5 degrees F within which the supply of heating and circulated to a minimum.	ver For cooling, the g, the control shall be					
Ventilatio	n						
§121(e)	Controls shall be provided to allow outside air dampers or devices to be operated at the ventilation these plans.	n rates as specified					
§122(f) ⁻	All gravity ventilating systems shall be provided with automatic or readily accessible manually openings to the outside, except for combustion air openings.						
§121(f)·	Ventilation System Acceptance. Before an occupancy permit is granted for a newly constructed be new ventilating system serving a building or space is operated for normal use, all ventilation system building or space shall be certified as meeting the Acceptance Requirements for Code Compliance.	ems serving the					
Service V	Vater Heating Systems						
§113(c)	Installation						
3.	Temperature controls for public lavatories. The controls shall limit the outlet Temperature to 110						
2 1	 Circulating service water-heating systems shall have a control capable of automatically turning of when hot water is not required. 	f the circulating pump					



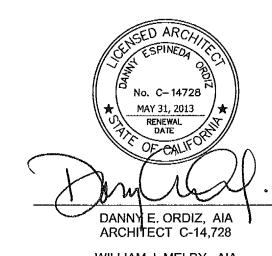






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IDENTIFICATION STAMP DIVISION OF STATE ARCHITECT OFFICE OF REGULATION SERVICES APPL. #:02-112027 FILE #: 15-6

PTN # 63321-112

NEW ELEMENTARY SCHOOL 9801 HIGHLAND KNOLLS DR BAKERSFIELD CALIFORNIA 93306

NEW MIDDLE SCHOOL 4115 VINELAND ROAD BAKERSFIELD CALIFORNIA 93306

BAKERSFIELD CITY SCHOOL DISTRICT 1300 BAKER STREET BAKERSFIELD CALIFORNIA 93305

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BUILDING "L"

SHEET IDENTIFICATION NUMBER M-531