

Project Name:	Nonresidential Building	NRCC-PRI-01-E	Page 5 of 16
Project Address:	APN 325-009-116 Lancaster 93535	Calculation Date/Time:	12:05, Fri, Oct 17, 2016
Compliance Scope:	HowEnv2016Mechanical	Input File Name:	20163 Insp2.xlsx
<p>H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCC/NRCC-INV) – Documentation Author to indicate which Certificates must be submitted for the features to be recognised for compliance (Retain copies and verify forms are completed and signed to post in field for field inspector to verify). See Tables G, and H, in MCI and T1 Details Section for Acceptance Tests and forms by equipment.</p>			
Building Component	Compliance Forms (required for submittal)		
Envelope	<input checked="" type="checkbox"/> NRCC-ENV-01-E – For all buildings	Pass	Fail
	<input checked="" type="checkbox"/> NRCC-ENV-02-Q – NRCC label verification for fenestration	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-01-E – For all buildings with Mechanical Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-02-A – Outdoor Air	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-03-A – Constant Volume Single Zone HVAC	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-04-A – Air Distributor/Duct Leakage	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-05-A – Demand Control Ventilation	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-06-A – Supply Fan Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-07-A – Supply Fan Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-08-A – Valve Leakage Test	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-09-A – Supply Water Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-10-A – Hydronic System Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-11-A – Auto Demand Shed Controls	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical	<input checked="" type="checkbox"/> NRCC-MCH-12-A – Packaged Direct Expansion Units		
	<input checked="" type="checkbox"/> NRCC-MCH-13-A – Air Handling Units and Zone Terminal Units	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-14-E – Distributed Energy Storage	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-15-A – Thermal Energy Storage	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-16-A – Supply Air Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-17-A – Condensate Water Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-18-A – Energy Management Controls Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-04-H – Duct Leakage Test	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name:	Nonresidential Building	NRCB-PH-01-E	Page 6 of 16
Project Address:	APN 325-009-116 Lancaster 93535	Calculation Date/Time:	25/05/19, 09:17, 2016
Compliance Scope:	None/No/Partial/Unassessed	Input File Name:	25085 Insp2.xlsx
<p>H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCB/NRCV) – Documentation Author indicates which Certificates must be submitted for the features to be recognised for compliance (Retain copies and verify forms are completed and signed to post in field for field inspector to verify). (See Tables G and H, in MCR and LTI Details Sections for Acceptance tests and forms by equipment.</p>			
Building Component	Compliance Forms (required per submittal)	Pass	Fail
Plumbing	<input type="checkbox"/> NRCB-PH-01-E: For all buildings with Plumbing Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-PH-02-E: required on central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-PH-03-E: Single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-PH-21-E: HERS verified central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-PH-22-E: HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-PH-23-H: HERS verified central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-PH-24-H: HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-01-E: Any color water heating	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-01-E: For all buildings	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-02-E: Lighting control system, or for an Energy Management Control System (EMCS)	<input type="checkbox"/>	<input type="checkbox"/>
Indoor Lighting	<input type="checkbox"/> NRCB-LTI-03-E: Five-wattage peak lighting integral current limiter, or for a supplementary occupancy protection panel used to energize only line-voltage track lighting	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-04-E: Two interlocked systems serving an auditorium, a convention center, a conference room, or a theater	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-05-E: Lighting Control Credit Power Adjustment Factor (PAC)	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-06-E: Additional wattage installed in a video conferencing studio	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-07-A: Occupancy sensors and automatic time switch controls.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-08-A: Automatic daylighting controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-09-A: Demand responsive lighting controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-01-E: Outdoor Lighting	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-02-E: EMCG Lighting Control System	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCB-LTI-03-A: Outdoor Lighting Control	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Lighting	<input type="checkbox"/> NRCB-LTI-04-E: Sign Lighting	<input type="checkbox"/>	<input type="checkbox"/>
Sign Lighting	<input type="checkbox"/> NRCB-LTI-01-E: Electrical Power Distribution	<input type="checkbox"/>	<input type="checkbox"/>
Electrical	<input type="checkbox"/> NRCB-SF-01-E: Photovoltaic Systems	<input type="checkbox"/>	<input type="checkbox"/>
Photovoltaic			

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name:	Nonresidential Building	NRSC-PRC-01-E	Page 7 of 18
Project Address:	APN 3326-009-114 Lancaster 95335	Calculation Date/Time:	10:45:17, Oct 07, 2016
Compliance Scope:	New/ExistingMechanical	Input File Name:	250955 input2.xlsx

H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRSC/NRCA/NRCV) – Documentation Authority to indicate which Certificates must be submitted for the features to be recognized for compliance with the applicable code requirements (see Table G and Table H for details of applicable code requirements and Table I for applicable code sections). See Tables G, H, and I for Details Sections for Acceptance Tests and forms by equipment.		Confirmed	
Building Component	Compliance Forms (required for submittal)	Pass	Fail
	<input type="checkbox"/> NRCA-PRC-01-E Refrigerated Warehouse	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-01-F Compressed Air Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-02-F Kitchen Exhaust	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-03-F Garage Exhaust	<input type="checkbox"/>	<input type="checkbox"/>
Covered Process	<input type="checkbox"/> NRCA-PRC-04-F Refrigerated Warehouse Evaporator Fan Motor Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-05-F Refrigerated Warehouse Evaporative Condenser Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-06-F Refrigerated Warehouse Air Cooled Condenser Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-07-F Refrigerated Warehouse Variable Speed Compressor	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-08-F Electric Resistance Underlath Heating System	<input type="checkbox"/>	<input type="checkbox"/>

1. ENVELOPE GENERAL INFORMATION (See NRC-PRE-ENV-DETAILS for more information)							Confirmed	
		5.	6.	7.	8.	9.	10.	11.
1.	Total Unconditioned Floor Area	29,568 ft ²						
2.	Total Unconditioned Floor Area	0 ft ²						
3.	Addition Unconditioned Floor Area	0 ft ²						
4.	Addition Unconditioned Floor Area	0 ft ²						
7. DEWAS SURFACES & ORIENTATION		8. Total Gross Surface Area		9. Total Penetration Area		10. Windows to Wall Ratio		
North Wall		6,600 ft ²		0 ft ²		60.8%		
East Wall		2,800 ft ²		162 ft ²		66.5%		
South Wall		6,600 ft ²		1,708 ft ²		25.9%		
West Wall		2,800 ft ²		224 ft ²		68.0%		
Total		18,800 ft ²		2,113 ft ²		11.2%		
Roof		29,568 ft ²		1,120 ft ²		93.8%		


CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

1. FENESTRATION ASSEMBLY SUMMARY									
1.		2.		3.		4.		5.	
Fenestration Assembly Name / Tag or ID.	Fenestration Type	Certification Method/ U-Factor	Assembly Method	Area (ft²)	Overall U-Factor	Area (ft²)	Overall U-Factor	R-Value	Status
RD Window PRC 612/21	Vertical/Fenestration	NFRC-213	Steel/Built	2113	0.93	0.29	0.50	N	Pass
Valuform Corridor (7) Lower/Air	Slight	NFRC-213	Manufactured	1120	0.37	0.29	0.50	N	Fail
<p><i>Notes: 1. New, 2. Alter, 3. Existing</i></p> <p><i>Assembly installed per manufacturer's instructions and a certified R-Value Certificate is used for the U-Factor value shown in Table 101.6.4 and Table 101.6.5. Center of Glass (COG) values are for the glass only, determined by the manufacturer, and are shown for use in the U-Factor calculation. U-Factor values are calculated per NFRC-213. U-Factor values are used for the analysis.</i></p>									
<p>TAKING COMPLIANCE CREDIT FOR FENESTRATION FAILURE DECISION? (If "Yes", use NFRC-213 for FEN-DETAILS for more information)</p>									
1.									
2.		3.		4.		5.		6.	
Surface Name	Surface Type	Area (ft²)	Framing Type	Continuous R-Value	U-Factor / F-Factor / R-Value	Area (ft²)	Continuous R-Value	U-Factor / F-Factor / R-Value	Status
2 Concrete Wall/7	Exterior/Wall	58800	NA	0	NA	0	NA	U-Factor: 0.251	N
2 Concrete Wall/7	Roof	29568	Wood	0	NA	0	NA	U-Factor: 0.251	N
2 Concrete Wall/7	Underground/Floor	29568	NA	0	NA	0	NA	F-Factor: 0.190	N
<p><i>Notes: 1. New, 2. Alter, 3. Existing</i></p>									

L. ROOFING PRODUCT SUMMARY							§ 403.3	Confirmed
4.	2.	3.	4.	5.	6.	7.		
Product Type	Product Density (lb/ft³)	Asph/Fib Reference	Thermal Emittance	SRI	Color/Solar Coeff.	Roof Product Description	Pass	Fail
R-38 Roof Cathedral/17	4.65/104	0.10	0.85	Not Provided	Yes	CRBC Prod. (R-38 Roof Cathedral)	<input type="checkbox"/>	<input type="checkbox"/>

DRAWN:	CJB / JWS
DATE:	11-24-15
JOB No.:	14-107
SHEET:	EN-1.0
OF	SHEETS

PLANS PREPARED BY:

 antelope valley
engineering inc.


129 WEST PONDERA STREET LANCASTER, CA 93534

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WEBSITE: <http://www.antelopevalleyengineering.com>



SHEET TITLE

ENERGY COMPLIANCE

PROJECT	OWNER
PROPOSED INDUSTRIAL BUILDING N 3126-009-116 BUSINESS CENTER PARKWAY LANCASTER, CA 93555 DR. #14-123	RD PROPERTY ATTN: RAMI DAR 42913 CAPITAL DRIVE LANCASTER, CA PHONE: (661) 3

REV.	DESCRIPTION	DATE
A	DESIGN REVIEW	##-##-14
0	ISSUED FOR CONSTRUCTION	##-##-14

Project Name:	Nonresidential Building	NRC2-PH-01-E	Page 1 of 16
Project Address:	499, 112E-095 11E Lancaster 53535	Calculation Date/Time:	10-0-5, H. Oct 07 2016
Compliance Scope:	NewDevelopmentAndMechanical	Input File Name:	25005 Insp2.xlsx

A. PROJECT GENERAL INFORMATION					
1.	Project Location (city)	Lewistown	8.	Standards Version	Compliance2015
2.	CA Zip Code	93535	9.	Compliance Software (version)	EnergyPro 6.8
3.	Climate Zone	14	10.	Building Orientation (deg)	(S) 180 deg
4.	Total Conditioned Floor Area in Scope	29,568 ft²	11.	Permitted Scope of Work	NewDevelopmentAndMechanical
5.	Total Unconditioned Floor Area	0 ft²	12.	Building Type(s)	Nonresidential
6.	Total # of Stories (Habitable Above Grade)	1	13.	Gas Type	NaturalGas
7.	Total # of dwelling units	0			

B. COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kWh/ft²-yr)				
BUILDING COMPONENTS				
1. Energy Component		2. Standard Design (TDV)		3. Proposed Design (TDV)
Space Heating	16.0		1.4	14.6
Space Cooling	85.3		—	85.3
Indoor Fans	27.6		27.6	—
Heat Rejection	—		—	—
Pumps & Misc.	0.6		—	0.6
Domestic Hot Water	3.9		3.9	—
Indoor Lighting	80.8		—	80.8
COMPLIANCE TOTAL	214.2		113.7	100.5
Receptacle	114.9		114.9	0.0
Process	—		—	—
Other Isg	—		—	—
TOTAL	329.1		228.6	100.5
				30.9%

5. Percent Better than Standard	
4. Compliance Margin (TDV)	91.3%

§ 140.1	

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name:	Nonresidential Building	NRC-PR-Q1-E	Page 2 of 16
Project Address:	499-132E-005-11E Lancaster 93535	Calculation Date/Time:	10:45:41 Oct 07, 2016
Compliance Scope:	Net-enveloped-and-mechanical	Input File Name:	250055 exp2.cobx

C. PRIORITY PLACING CHECK / INSPECTION ITEMS (in order of highest to lowest TDV energy savings)		Compliance Margin By Energy Component (from Table 4 column 4)	
1st	Space Cooling: Check envelope and mechanical		
2nd	Space Heating: Check envelope and mechanical		
3rd	Pumps & Misc.: Check mechanical		
4th	Indoor Fans: Check envelope and mechanical		
5th	Heat Rejection: Check envelope and mechanical		
6th	Domestic Hot Water: Check mechanical		
7th	Indoor Lighting: Check lighting		

D. EXCEPTIONAL CONDITIONS	
<p>The project's owner, architect, engineer, other employee only, or mechanical only, including lighting systems. The building must show partial compliance including lighting or full new building compliance or show prescriptive lighting compliance before operation.</p> <p>The aged solar reflectance and aged thermal emittance must be listed in the Cool Roof Rating Council database of certified products. For projects where initial reflectance is used, the initial reflectance must be listed, and the aged reflectance is calculated by the software program and used in the compliance model.</p> <p>The building does not include service water heating. Verify that service water heating is not required and is not included in the design.</p>	
E. EERS VERIFICATION	
This section does not apply	
F. ADDITIONAL REMARKS	
None	
Provided	

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name:	Nonresidential Building	NRCC-PRE-01-E	Page 3 of 16
Project Address:	APN 3126-009 116 Lancaster 93335	10-05, 11, Oct 07, 2016	
Compliance Scope:	NewDevelopmentMechanical	Input File Name:	25005 Insp2.xlsx

G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY			
Identify which building components use the performance or prescriptive paths for compliance. "NA"= not in project			
For components that utilize the performance path, indicate the sheet number that includes mandatory notes on plans.			
Building Component	Compliance Path	Compliance Forms (required for submittal)	Location of Mandatory Notes on Plans
Envelope	<input checked="" type="checkbox"/> Performance	NRCC-PRE-ENV-DETAILS (section of the NRCC-PRE-01-E)	
	<input type="checkbox"/> Prescriptive	NRCC-ENV-01 / 02 / 03 / 04 / 05 / 06-E	
Mechanical	<input checked="" type="checkbox"/> Performance	NRCC-PRE-MCH-DETAILS (section of the NRCC-PRE-01-E)	
	<input type="checkbox"/> Prescriptive	NRCC-MCH-01 / 02 / 03 / 04 / 05 / 06 / 07-E	
Domestic Hot Water	<input type="checkbox"/> Performance	NRCC-PRE-PLB-DETAILS (section of the NRCC-PRE-01-E)	
	<input type="checkbox"/> Prescriptive	NRCC-PLB-01-E	
Lighting (Indoor Conditioned)	<input type="checkbox"/> Performance	NRCC-PRE-LIT-DETAILS (section of the NRCC-PRE-01-E)	
	<input checked="" type="checkbox"/> Prescriptive	NRCC-LIT-01 / 02 / 03 / 04 / 05-E	
Covered Process: Commercial Kitchens	<input type="checkbox"/> Performance	S2 (section of the NRCC-PRE-01-E)	
	<input checked="" type="checkbox"/> Prescriptive	NRCC-PRC-01 / 03-E	
Covered Process: Computer Rooms	<input type="checkbox"/> Performance	S3 (section of the NRCC-PRE-01-E)	
	<input checked="" type="checkbox"/> Prescriptive	NRCC-PRC-01 / 04-E	
Covered Process: Laboratory Exhaust	<input type="checkbox"/> Performance	S4 (section of the NRCC-PRE-01-E)	
	<input checked="" type="checkbox"/> Prescriptive	NRCC-PRC-01 / 09-E	

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY				The following building components are only eligible for prescriptive compliance. Indicate which are relevant to the project.				The following building components may have mandatory requirements per Part 6. Indicate which are relevant to the project.			
Project Name:		Project Address:		Yes	NA	Prescriptive Requirement	Compliance Forms	Yes	NA	Mandatory Requirements	Compliance Forms
Project Name:	Nonresidential Building	Project Address:	APN 122-00-015, 125 Lancaster 93535	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lighting (Indoor Uncontrolled)	NRCC-C10-01 / 02 / 03 / 04 / 05-E	<input type="checkbox"/>	<input type="checkbox"/>	Complex Systems	NRCC-COR-01 / 02 / 03 / 05-E NRCC-COR-01 / 02 / 04 / 05-E
Compliance Scope:	Electrical and Mechanical			<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting (Outdoor)	NRCC-C10-01 / 02 / 03-E	<input type="checkbox"/>	<input type="checkbox"/>	Electrical	NRCC-ELC-01-E Solar Ready: \$130.0
				<input type="checkbox"/>	<input type="checkbox"/>	Lighting (Sign)	NRCC-C15-01-E	<input type="checkbox"/>	<input type="checkbox"/>	Covered Process	NRCC-PRC-01-E Commercial Refrigeration Warehouse Refrigeration Process Refrigeration Warehouse Boilers
				<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solar Thermal Water Heating	NRCC-STW-01-E	<input type="checkbox"/>	<input type="checkbox"/>	NRCC-SRA-01 / 02-E	NRCC-SRA-01 / 02-E NRCC-PRC-01-E NRCC-PRC-05-E NRCC-PRC-05 / 06-E NRCC-PRC-11-E

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Report Version: NRCC-PRF-01-E-08122016-3995
Report Generated at: 2016-10-07 10:46:15

Project Name:Nonresidential Building

Project Address:APN 3126-009-116, Lancaster 93535

Compliance Scope:New Envelope/Mechanical

NRCC-PRE-01-E

Calculation Date/Time:20-06, Fri, Aug 26, 2016

Input File Name:25065_C.rvt

8. Very Valuable Merchandise

This Section Does Not Apply

H. INDOOR & OUTDOOR LIGHTING ACCEPTANCE TESTS & FORMS (Adapted from NRCC-LT-01-E and NRCC-LTO-01-E)

Declaration of Required Acceptance Certificates (NRCA) – Acceptance Certificates that must be verified in the field. (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify).

Test Description		Indoor		Outdoor		Confirmed
	# of units	NRCA-LTI-02-A	NRCA-LTI-03-A	NRCA-LTI-04-A	NRCA-LTO-02-A	
Equipment Requiring Testing or Verification		Occ Sensors / Auto Time Switch	Auto Daylight	Demand Responsive	Outdoor Controls	Fail
Occupant Sensors	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pass
Automatic Time Switch	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Automatic Daylighting	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Demand Responsive	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outdoor Controls	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Report Version: NRCC-PRE-01-E-07272015-717

ENVELOPE MANDATORY MEASURES: NONRESIDENTIAL

ENV-MM

Project Name
RD Properties

Date
8/26/2016

DESCRIPTION

Building Envelope Measures:

§110.8(a): Installed insulating material shall have been certified by the manufacturer to comply with the California Quality Standards for insulating material, Title 20 Chapter 4, Article 3.

§110.8(c): All Insulating Materials shall be installed in compliance with the flame spread rating and smoke density requirements of Sections 2602 and 707 of Title 24, Part 2.

§110.8(f): The opaque portions of framed demising walls in nonresidential buildings shall have insulation with an installed R-value of no less than R-13 between framing members.

§110.7(a): All Exterior Joints and openings in the building that are observable sources of air leakage shall be caulked, gasketed, weatherstripped or otherwise sealed.

§110.6(f): Manufactured fenestration products and exterior doors shall have air infiltration rates not exceeding 0.3 cfm/ft.² of window area, 0.3 cfm/ft.² of door area for residential doors, 0.3 cfm/ft.² of door area for nonresidential single doors (swinging and sliding), and 1.0 cfm/ft.² for nonresidential double doors (swinging).

§110.6(a): Fenestration U-factor shall be rated in accordance with NFRC 100, or the applicable default U-factor.

§110.6(a) : Fenestration SHGC shall be rated in accordance with NFRC 200, or NFRC 100 for site-built fenestration, or the applicable default SHGC.

§110.6(b): Site Constructed Doors, Windows and Skylights shall be caulked between the unit and the building, and shall be weatherstripped (except for unframed glass doors and fire doors).

EnergyPro 6.6 by EnergySoft

User Number: 4403

RunCode: 2016-08-26T22:00:24

ID: 25065

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