CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-01-E

Project Name: 24 x 40 SCI PC — Calculation Date/Time: — Page 1 of 6

Compliance Scope: New Complete Building including Envelope, Lighting and HVAC — Input File Name:

A. GENERAL INFORMATION

01	Project Address	ZONE 14	21	Compliance Software	CSECC-Core 2013-3a (EF7)
02	City	ZONE 14	22	Compliance Manager Version	BEMCmpMgr 2013-3a (EF7)
03	Zip code		23	Rule Set Filename	CA 2013 NonresidentialAll_Vers. 2.0 (CEC 2013 NonRes.bin)
04	Climate Zone	ClimateZone14	24	Building Type	Nonresidential
05	Building Front Orientation	329	25	Construction Type	
06	Number of Above Grade Stories	1	26	North Wall Area (ft2)	284
07	Number of Below Grade Stories	0	27	East Wall Area (ft2)	440
08	Number of Dwelling Units	0	28	South Wall Area (ft2)	284
09	Total Conditioned Floor Area (ft2)	900	29	West Wall Area (ft2)	440
10	Total Unconditioned Floor Area (ft2)		30	Total Exterior Wall Area (ft2)	1,408
11	Addition Conditioned Floor Area (ft2)		31	North Glazing Area (ft2) / Glazing Ratio	32 / 12%
12	Addition Unconditioned Floor Area(ft2)		32	East Glazing Area (ft2) / Glazing Ratio	0 / 0%
13	Number of Thermal Zones	1	33	South Glazing Area (ft2) / Glazing Ratio	32 / 12%
14	Number of Thermal Zones (conditioned)	1	34	West Glazing Area (ft2) / Glazing Ratio	0 / 0%
15	Number of Air Systems	1	35	Total Glazing Area (ft2) /Glazing Ratio	64 / 9%
16	Number of Zonal Systems	0	36	Roof Area (ft2)	900
17	Number of Terminal Units	0	37	Skylight Area (ft2) / Skylight-Roof-Ratio	0 / 0%
18			38		
19			39		
20			40		

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-01-E

Project Name: 24 x 40 SCI PC — Calculation Date/Time: — Page 2 of 6

Compliance Scope: New Complete Building including Envelope, Lighting and HVAC — Input File Name:

B. COMPLIANCE RESULTS

01	BUILDING COMPLIES
02	Special Features are Required - TBD
03	HERS Verification is Required - TBD

ANNUAL TDV ENERGY USE SUMMARY (kBtu/ft2/yr)

04	05	06	07
Energy Component	Standard Design	Proposed Design	Compliance Margin	Percent Better than Standard
Space Heating	99.2	97.3	1.9	1.9%
Space Cooling	207.9	262.9	-55.0	-26.5%
Indoor Fans	143.8	84.8	59.0	41.1%
Heat Rejection	--	--	--	--
Pumps & Misc.	--	--	--	--
Domestic Hot Water	--	--	--	--
Lighting	82.1	54.2	27.8	33.9%
COMPLIANCE TOTAL	599.0	499.2	33.8	6.7%
Receptacle	66.6	66.6		0.0%
Process	--	--		--
Process Lighting	--	--		--
TOTAL	599.0	555.8		6.8%

C. OCCUPANCY SUMMARY INFORMATION -

01	02	03	04	05	06		07	08
					Allowed (Baseline) Lighting Power Additional (Custom) Allowances			
Occupancy Type	Floor Area	Installed Lighting Power	Lighting Control Credits	General Lighting Power Allowance	Area Category	Tailored Method		Total Allowed Lighting Power
	(ft2)	(Watts)	(Watts)	(Watts)	(Watts)	(Watts)		(Watts)
Classrooms, Lecture, Training, Vocational Areas	900	744	168	1,152				1,152

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-01-E

Project Name: 24 x 40 SCI PC — Calculation Date/Time: — Page 3 of 6

Compliance Scope: New Complete Building including Envelope, Lighting and HVAC — Input File Name:

D. ENVELOPE SUMMARY INFORMATION

01	02	03	04	05		06	07	08
				Assembly Layers				
Surface Name	Surface Type	U-Factor / Fenestration SHGC / Cool Roof		Framing Type	Framing Spacing	R-value	Certified Cool Roof
SCI ROOF	Roof	U-0.05	Metal Standing Seam - 1/10 in. Fiber cement board - 03 5/16 - 3/8 in Plywood - 3/4 in. Composite Framing Air - Cavity - Wall Roof Ceiling - 4 in. or more Acoustic Tile - 1/2 in.	Metal	Roof24inOC	R-0 R-0.24 R-0.94 R-30 Cavity R-1.62 R-1.25	
SCI PLYWD FLOOR	Exterior Floor	U-0.27	Air - Cavity - Wall Roof Ceiling - 4 in. or more Composite Framing Plywood - 1 in. Carpet - 3/4 in.	Metal	Floor24inOC	R-0.92 R-19 Cavity R-1.25 R-2.38	
2x4 T111 WALL	Exterior Wall	U-0.09	Wood siding - 1/2 in. Vapor seal - plastic film - 1/10 in. Composite Framing Gypsum Board - 1/2 in. Acoustic Tile - 1/2 in.	Wood	Wall16inOC	R-0.8 R-0.81 R-13 Cavity R-0.45 R-1.28		

E. FENESTRATION SUMMARY INFORMATION

01	02	03	04	05	06	07	08
		Certification Method					
Name	Fenestration Type		Assembly Method	Frame Type	U-value	SHGC	VT
SCI - NW2 6900 - SLIDER - 5560 / CLR	Sliding		NFRC Rated	Manufactured - specify -	0.61	0.35	0.53

F. MECHANICAL SYSTEM SUMMARY INFORMATION

01	02	03	04				05					
			Cooling				Heating					
Equipment Name	Equipment Type	Qty	Type	SEER	EER	Rated Output kBtu/h	Type	AFUE	HSPF	Thermal Eff.	Rated Output kBtu/h	Supplemental Heat Source	Supplemental Rated Output kBtu/h
AirSystem 1	SZHP	1	Direct Ex-pansion	13.0	9.0	53	HeatPump				50.2		

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-01-E

Project Name: 24 x 40 SCI PC — Calculation Date/Time: — Page 4 of 6

Compliance Scope: New Complete Building including Envelope, Lighting and HVAC — Input File Name:

G. MECHANICAL SYSTEM ECONOMIZER AND FAN SUMMARY INFORMATION

01	02	03	04				06				
		Outside Air	Supply Fan				Return Fan				
Equipment Name	Economizer Type	CFM	CFM	HP	BHP	Control	CFM	HP	BHP	Control
AirSystem 1	NoEconomizer	720	1875.0	0.75	0.75	Constant Volume				

H. CHILLER SUMMARY INFORMATION

Not Applicable

I. COOLING TOWER SUMMARY INFORMATION

Not Applicable

J. BOILER SUMMARY INFORMATION

Not Applicable

K. CENTRAL MECHANICAL SYSTEM - PUMP SUMMARY INFORMATION

Not Applicable

L. TERMINAL UNIT SUMMARY INFORMATION

Not Applicable

L-1. ZONAL SYSTEM SUMMARY INFORMATION

Not Applicable

M-1. DHW SUMMARY INFORMATION: FLUID SYSTEMS

Not Applicable

M-2. DHW SUMMARY INFORMATION: RECIRCULATION DHW SYSTEMS

Not Applicable

N. EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-01-E

Project Name: 24 x 40 SCI PC — Calculation Date/Time: — Page 5 of 6

Compliance Scope: New Complete Building including Envelope, Lighting and HVAC — Input File Name:

Not Applicable.

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-01-E

Project Name: 24 x 40 SCI PC — Calculation Date/Time: — Page 6 of 6

Compliance Scope: New Complete Building including Envelope, Lighting and HVAC — Input File Name:

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I, I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Ryan McIntosh	Documentation Author Signature:
Company: Silver Creek	Signature Date: 12/30/14
Address: 2830 Barrett Ave - Perris CA 92571	CEA Identification (if applicable):
City/State/Zip:	Phone: 951-943-5393

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:
a. 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.
b. I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code by 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 the work.
c. 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.

Building Owner's Name: SIERRA CREEK	Building Owner's Signature:
Address: 2830 Barrett Ave - Perris CA 92571	Date Signed: 12/30/14
City/State/Zip:	Phone: 951-943-5393
Responsible Designer Name: Silver Creek	Responsible Designer Signature:
Company: Silver Creek	Date Signed: 12/30/14
Address: 2830 Barrett Ave - Perris CA 92571	License:
City/State/Zip:	Phone: 951-943-5393
Responsible Lighting Designer Name: Silver Creek	Responsible Lighting Designer Signature:
Company: Silver Creek	Date Signed: 12/30/14
Address: 2830 Barrett Ave - Perris CA 92714	License:
City/State/Zip:	Phone: 951-943-5393
Responsible Mechanical Designer Name: Silver Creek	Responsible Mechanical Designer Signature:
Company: Silver Creek	Date Signed: 12/30/14
Address: 2830 Barrett Ave - Perris CA 92714	License:
City/State/Zip:	Phone: 951-943-5393

Lydia Barron

Digitally signed by Lydia Barron
DN: cn=California, l=Sacramento, o=California Department of General Services, ou=Division of the State Architect, c=www.verisign.com/repository/CPS Incorp. by Ref.,LIABILITD(c)99, title=Architectural Associate, cn=Lydia Barron, e=lydia.barron@dgs.ca.gov
Date: 2015.06.30 17:30:11 -07'00'

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCI Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

24x40 STOCKPILE OFFICE BUILDING

SHEET TITLE:

ENERGY CALC'S. PRF FORMS ZONE 14 WORST CASE

LICENSED ARCHITECT — C-33467 — REN 01-31-2017 — STATE OF CALIFORNIA

ARCHITECT OF RECORD SUBMISSION DATE

FILE #: 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-118270
AC FLS SS
DATE NOV 9 2017
TRACKING #: 632221-2590

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116284
ACS FLS SS RAF
DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A REPRODUCIBLE COPY OF THIS SECTION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114102
AC FLS SS RAF
DATE AUG - 4 2015

REVISIONS

1	
2	
3	
4	
5	
6	
7	
8	

SILVER CREEK INDUSTRIES
24' x 40' PC - 2:12 PITCH

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	01-30-15

P.C. SHEET NUMBER

A-0.5A