STATE OF CALIFORNIA
OUTDOOR LIGHTING
CEC-NRCC-LTO-01-E (Revised 09/14) — CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE — NRCC-LTO-01-E
Outdoor Lighting — (Page 1 of 4)
Project Name: 120' x 40' SCI PC — Date Prepared: 10/15/14

Project Address:	Total Illuminated Hardscape Area

General Information

Phase of Construction: ☒ New Construction ☐ Addition ☐ Alteration

Outdoor Lighting Zone (OLZ) ☐ OLZ-1 ☐ OLZ-2 ☒ OLZ-3 ☐ OLZ-4

I have confirmed with the AHJ which OLZ applies to this site. For default lighting zone designations, see Title 24 Part 6, §10-114

LIGHTING COMPLIANCE DOCUMENTS (check box for each document included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.

- ☒ NRCC-LTO-01-E — Certificate of Compliance
- ☐ NRCC-LTO-02-E — Outdoor Lighting Controls Certificate of Compliance
- ☒ NRCC-LTO-03-E — Outdoor Lighting Power Allowance Certificate of Compliance

Summary of Allowed Outdoor Lighting Power		Watts
1.	Sum Total ALLOWED Outdoor Lighting Wattage from NRCC-LTO-03-E, page 1	150
	Compliles ONLY if Installed ≤ Allowed	↕
2.	Sum Total INSTALLED Outdoor lighting Wattage from NRCC-LTO-01-E, page 3	150

Declaration of Required Installation Certificates – Declare by checking all Installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)

- ☒ NRCI-LTO-01-E - Must be submitted for all buildings — ☐ Field Inspector
- ☐ NRCI-LTO-02-E - Must be submitted for a lighting control system, or for an Energy Management Control Sytem (EMCS), to be recognized for compliance. — ☐ Field Inspector

Declaration of Required Certificates of Acceptance – Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)

- ☒ NRCA-LTO-02-A - Must be submitted for outdoor lighting controls. — ☐ Field Inspector

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Schedule of luminaires exempt from the outdoor lighting power requirements in §140.7

Name or Symbol	Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the cutoff requirements in §130.2(b)

Name or Symbol	Description of exempt luminaire in accordance with the exemptions

Schedule of luminaires exempt from the outdoor lighting control requirements in §130.2(c)

Name or Symbol	Description of exempt luminaire in accordance with the exemptions
TIP EXT LIGHT	< 30W, NO TRUE COND REQUIREMENT

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Project Name: — Date Prepared:

A. OUTDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

Luminaire Schedule		Installed Watts					Location	Cutoff	Field Inspector	
A	B	C	D		E	F	G	H	I	
Name or Item Tag	Complete Luminaire Description	Watts per Luminaire	How wattage was determined: CEC-Exterior Power Table	How wattage was determined: Manufacturer's Data	Number of Luminaires	Total Installed Watts = C x E	Primary Function area in which these luminaires are installed	Shielded Building	Pass	Fail
TIP	30W CANOPY LED WALL PACK	30	☐	☒	5	150	ENTRY DOOR	FULL CUTOFF	☐	☐
			☐	☐					☐	☐
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			☐	☐					☐	☐
		INSTALLED WATTS PAGE TOTAL:				150	Enter sum total of all pages (Sum Total INSTALLED Outdoor lighting wattage) into NRCC-LTO-01-E; Page 1		150	

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Outdoor Lighting — (Page 4 of 4)
Project Name: — Date Prepared: 10/15/14

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. 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:	10/16/14
Address:	- -	CEA/HERS Certification Identification (if applicable):	
City/State/Zip:	- -	Phone:	- -

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	SILVER CREEK	Responsible Designer Signature:	
Company:	SILVER CREEK	Date Signed:	10/16/14
Address:	- -	License:	655229
City/State/Zip:	- -	Phone:	- -

STATE OF CALIFORNIA
REQUIRED ACCEPTANCE TESTS
CEC-NRCC-MCH-04-E (Revised 09/14) — CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE — NRCC-MCH-04-E
Required Acceptance Tests — (Page 1 of 3)
Project Name: 120' x 40' SCI PC — Date Prepared: 10/15/14

MECHANICAL COMPLIANCE FORMS & WORKSHEETS (indicate if worksheet is included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, refer to the 2013 Nonresidential Manual Note: The Enforcement Agency may require all forms to be incorporated onto the building plans. Forms NRCC-MCH-04-E and NRCC-MECH-05-E are alternative forms to NRCC-MCH-01-E, NRCC-MCH-02-E and NRCC-MCH-03-E for projects using only single zone packaged HVAC systems.

YES	NO	Form	Title
X		NRCC-MCH-04-E (1 of 2)	Certificate of Compliance. Required on plans when used.
X		NRCC-MCH-04-E (2 of 2)	Mechanical Acceptance Tests. Required on plans when used.
	X	NRCC-MCH-05-E (1 of 2)	HVAC Prescriptive Requirements. It is required on plans when used.
X		NRCC-MCH-05-E (2 of 2)	Mechanical SWH Equipment Summary is required for all submittals with service water heating, pools or spas. It is required on plans where applicable.

STATE OF CALIFORNIA
REQUIRED ACCEPTANCE TESTS
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Required Acceptance Tests — (Page 2 of 3)
Project Name: — Date Prepared:

Designer:

This form is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for mechanical systems. The designer is required to check the applicable boxes by all acceptance tests that apply and list all equipment that requires an acceptance test. If all equipment of a certain type requires a test, list the equipment description and the number of systems. The MA number designates the Section in the Appendix of the Nonresidential Reference Appendices Manual that describes the test. Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately.

Enforcement Agency:

Systems Acceptance. Before occupancy permit is granted for a newly constructed building or space, or a new space-conditioning system serving a building or space is operated for normal use, all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance.

Systems Acceptance. Before occupancy permit is granted. All newly installed HVAC equipment must be tested using the Acceptance Requirements. .

The NRCC-MCH-04-E form is not considered a completed form and is not to be accepted by the building department unless the correct boxes are checked. The equipment requiring testing, person performing the test (Example: HVAC installer, TAB contractor, controls contractor, PE in charge of project) and what Acceptance test must be conducted. The following checked-off forms are required for ALL newly installed and replaced equipment. In addition a Certificate of Acceptance forms shall be submitted to the building department that certifies plans, specifications, installation certificates, and operating and maintenance information meet the requirements of Section 10-103(b) and Title 24 Part 6. The building inspector must receive the properly filled out and signed forms before the building can receive final occupancy.

Test Description		MCH-02-A	MCH-03-A	MCH-04-A	MCH-05-A	MCH-06-A	MCH-07-A	MCH-11-A	MCH-12-A	MCH-14-A	MCH-19-A	Test Performed By:
Equipment Requiring Testing or Verification	# of units	Outdoor Air	Single Zone Unitary	Air Distribution Ducts	Economizer Controls	Demand Control Ventilation (DCV)	Supply Fan VAV	Automatic Demand Shed Control	FDD for Packaged DX Units	Distributed Energy Storage DX AC Systems	Energy Management Control System	
ALL HTPS	ALL	✓	✓	✓		✓						

STATE OF CALIFORNIA
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1. I certify that this Certificate of Compliance documentation is accurate and complete.

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Company:	SILVER CREEK	Signature Date:	10/16/14
Address:	- -	CEA/HERS Certification Identification (if applicable):	
City/State/Zip:	- -	Phone:	- -

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

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Responsible Designer Name:	SILVER CREEK	Responsible Designer Signature:	
Company:	SILVER CREEK	Date Signed:	10/16/14
Address:	- -	License:	655229
City/State/Zip:	- -	Phone:	- -

Lydia Barron

Digitally signed by Lydia Barron
DN: st=California, l=Sacramento, o=California Department of General Services, ou=Division of the State Architect, ou=www.verisign.com/repository/CPS Incorp. by Ref.,LIAB.LTD(c)99, title=Architectural Associate, cn=Lydia Barron, email=lydia.barron@dgs.ca.gov
Date: 2015.06.30 17:57:53 -07'00'

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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. LTO / MCH FORMS 120' x 40' BLDG'S

LICENSED ARCHITECT — RYAN A. SHIVELY — 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 CL
DATE NOV - 8 2017
TRACKING #: 63221-290

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
04 116284
ACS ___ FLS ___ SS RAE
DATE MAY 18 2017

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT CODE 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 04-114102
AC ___ FLS ___ SS RAE
DATE AUG - 4 2015

REVISIONS
1
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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-0.6E