### **BUILDING ENERGY ANALYSIS REPORT**

### PROJECT:

Weaverville/Douglas City Parks & Rec. District Pool Storage Building 101 Park Ave. APN. 001-181-03 Weaverville, CA 96093

### **Project Designer:**

Trinity Valley Consulting Engineers P.O. Box 1567 Willow Creek, CA 95573 530.629.3000

### Report Prepared by:

Anne M. McQueeney, CEA ABBAY TECHNICAL SERVICES 1125 16th St., Ste. 216 Arcata, CA 95521 707.826.1433

Job Number:

21406

Date:

11/15/2021

The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2019 Building Energy Efficiency Standards.

This program developed by EnergySoft Software – www.energysoft.com.

### STATE OF CALIFORNIA Electrical Power Distribution

NRCC-ELC-E	אכן טוינווע								CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE	MPLIANCE								NRCC-ELC-E
This document is u	sed to demons ancies. Additio	This document is used to demonstrate compliance with mandatory requirements in §130.5, for electrical systems in newly constructed nonresidential, high-rise residential and hotel/motel occupancies. Additions and alterations to electrical service systems in these occupancies will also use this document to demonstrate compliance per §141.0(a) or	ndatory rical ser	requirements in <u>§130.5</u> , f vice systems in these occu	or electric pancies v	cal systems i vill also use	in newly con this docume	newly constructed nonresidential, high-rise residential and is document to demonstrate compliance per <u>§141.0(a)</u> or	high-rise residential and vliance per <u>§141.0(a)</u> or
Project Name:		Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	& Rec. D	istrict Pool Storage Building	Report Pa	ge:			(Page 1 of 5)
Project Address:			101	101 Park Ave. APN. 001-181-03 Date Prepared:	Date Prep	ared:			11/15/2021
A. GENERAL INFORMATION	ORMATION								
01 Project Location (city)	ion (city)	Weaverville			02 Occ	Occupancy Types	es Within Project:	oject:	
□ Office		Retail		Warehouse	□ Hot	Hotel/Motel		School	☐ Support Areas
☐ Parking Garage	ge [	☐ High-Rise Residential		Relocatable	□ Неа	Healthcare Facilities	lities [	Other (write in)	See Table I
B. PROJECT SCOPE	PE								32
This table includes	electrical syst	This table includes electrical systems that are within the scope of the permit application.	pe of th	e permit application.		1 13		04	05
Flectrical	Service Desig	Flectrical Service Designation/Description		Scope of Work <sup>1</sup>		Rating	Utility Prov	Utility Provided Metering System	System subject to CA Elec Code Article 517 Exception to
	New Service	vice	New	New electrical service equipment and meter	nent and	50			
06	Demano	Demand Response Controls	Wher respo	Where required, demand response controls must be spresponding to at least one standards based messaging response signal. Sections §120.2, §130.1 and §130.3 a indicate when demand response controls are required.	onse cont idards ba .2, §130.: se contro	trols must by sed messaging and §130. If and sequir	e specified v ng protocol 3 and comp	specified which are capable of receiving and automatically g protocol which enables demand response after receiving and compliance documents NRCC-MCH, NRCC-LTI and NR.d.	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2, §130.1 and §130.3 and compliance documents NRCC-MCH, NRCC-LTI and NRCC-LTS will indicate when demand response controls are required.
<sup>1</sup> FOOTNOTES: Adding <sup>2</sup> Applicable if the ut	g only new feed ility company is	<sup>1</sup> FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c), no other requirements from 130.5 are required. <sup>2</sup> Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.	s Voltage hat indic	e Drop 130.5(c), no other requates instantaneous kW dem	uirements and and k\	from 130.5 a Nh for a utilit	re required. y-defined per	riod.	
C. COMPLIANCE RESULTS	RESULTS								
Results in this tabl to Table D. Excepti	e are automat ional Conditior	Results in this table are automatically calculated from data input and calculations in Tab to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.	input aı cable Ta	nd calculations in Tables F ble referenced below.	through	I. Note: If an	ny cell on th	is table says "COMPLIES I	Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.
01		02		03		0	04		05
Service Electrical Metering §130.5(a) (See Table F)	cal AND 5(a)	Separation for Monitoring §130.5(b) (See Table G)	AND	Voltage Drop §130.5(c) (See Table H)	AND	Controlled Recep §130.5(d) (See Table	Controlled Receptacles §130.5(d) (See Table I)		
Yes	AND	Yes	AND	Yes	AND	Yes	es		COMPLIES

Registration Number:

Registration Date/Time:

Registration Provider: Energysoft

## **Electrical Power Distribution**

NRCC-ELC-E

Project Address: CERTIFICATE OF COMPLIANCE Project Name: Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page: 101 Park Ave. APN. 001-181-03 Date Prepared: CALIFORNIA ENERGY COMMISSION NRCC-ELC-E (Page 2 of 5) 11/15/2021

the Authority Having Jurisdiction.  Tracking kWh for user-defined period  Demand (kW)  Demand (kW)  Demand (sy)  Toolitorical peak Demand (sy)  Dema	ring Capabilities per Table 130.5-A  al Peak user-defined period  Tracking kWh for user-defined period  Tracking kwh for user-defined period  Construction  Any type.  any type.	aving Jurisdiction.    Tracking kWh for user-defined period   Documents in d (kW)   Documents   Docume	es throughout the form.    Iliance with §130.5(a)   04	<sup>1</sup> FOOTNOTES: For each separate load type, up to 10% of the connected load may be of any type. <sup>2</sup> Method 1: Switchboards/ motor control centers/ panelboard loads disaggregated for each load type.  Method 2: Switchboards/ motor control centers/ panelboard supply other distribution equipment with loads disaggregated for each load type.  Method 3: Branch circuits serve load types individually and provisions for adding future branch circuit monitoring.	* NOTES: If "Other*" is selected under Compliance Method above, please indicate how compliance has been achieved in the space provided below.	Loads associated with renewable power not required sources	New Service	Load Type per <u>Table 130.5-B</u> 1   Minimum Required Separation of Load per <u>Table 130.5-B</u>	01 02	This table includes entirely new or complete replacement electrical power dist service do not need to be shown.	G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING	New Service 50	Designation/Description (kVA) Demand (kW) Deman		01 02	This table includes new or replacement electrical service systems OR equipment to demonstrate compliance with §1	F. SERVICE ELECTRICAL METERING	This table is includes remarks made by the permit applicant to the Authority Havina Jurisdiction.	E. ADDITIONAL REMARKS	This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout	D. EXCEPTIONAL CONDITIONS	
	orm.    Onto   O	orm.    O4	orm.    O4	ads disaggregated for each loc onitoring.	ance has been achieved in t	od 1		Location		s to demonstrate complianc			kWh	s per <u>Table 130.5-A</u>		te compliance with <u>§130.5</u> (		on.				

Registration Number:

Registration Date/Time:

Registration Provider: Energysoft

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Report Version: 2019.1.003 Schema Version: rev 20190401

## STATE OF CALIFORNIA Electrical Power Distribution

red: 11/15/2021	101 Park Ave. APN. 001-181-03 Date Prepared:	Project Address:
je: (Page 3 of 5)	Weaverville/Douglas City Parks & Rec. District Pool Storage Building	Project Name:
NRCC-ELC-E	COMPLIANCE	CERTIFICATE OF COMPLIANCE
CALIFORNIA ENERGY COMMISSION		NRCC-ELC-E

H. VOLTAGE DROP		·				
This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or redemonstrate compliance with §130.5(c). For alterations, only the altered circuits must demonstrate compliance per §141.0(b)2Piii	complete replacement electrical po <u>0.5(c)</u> . For alterations, only the alte	ower distribution systems ered circuits must demon	s, or alterations that add, modify c strate compliance per <u>§141.0(b)2</u> 1	This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with §130.5(c). For alterations, only the altered circuits must demonstrate compliance per §141.0(b)2Piii	ircuits to	
01	02		03	04	05	
Flectrical Service	Combined Voltage Drop on Installed Feeder/Branch	alled Feeder/Branch	Location of Voltage Drop	Sheet Number for Voltage Drop	Field Inspector	pector
Designation/Description	Circuit Conductors Compliance Method	liance Method	Calculations <sup>1</sup>	Calculations in Construction Documents	Pass	Fail
The Charles	Voltage drop less than	Permitted by CA Elec			]	]
New Service	×orage glob ress ciaii	Code (Exception to 130.5(c))*	Contractor Responsible	Electrical		
* NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.	Code *" is selected under Complian	ice Method above, please	indicate where the exception app	lies in the space provided below.		
<sup>1</sup> FOOTNOTES: Voltage drop calcul	ations may be attached to the pern	nit application outside th	e construction documents if allow	<sup>1</sup> FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached"	ion. Select '	'attached"
." lif applicable. If calculations will be the responsibility of the installina contractor, select "Contractor Responsible"	the responsibility of the installing	contractor, select "Contro	ctor Responsible".			

I.CIRCUIT CONTROLS	I.CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES	ONTROLLED RECEPTACLES				
This table includes entir	This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with §130.5(d). Both controlled and uncontrolled receptacles	ical power distribution systems to dem	nonstrate compliance with	<u>§130.5(d).</u> Both controlled and u	ncontrolled r	eceptacles
must be provided in offi	must be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, copy rooms and hotel/motel guest rooms.	chen areas in office spaces, copy room	าร and hotel/motel guest r	ooms.		
01	02	03	04	05	90	5
Room name or	Location/ Type of Controlled	Shirt Off Controls	Permanent Durable	Location of Requirements in	Field Inspector	pector
Description	Receptacles	טוומרטוו כטוונוסוי	Marking Will be Used	Construction Documents	Pass	Fail
New Service	NA: No applicable space types on this service	Other*	⊠	N/A		
* NOTES: If "Other*" is s	* NOTES: If "Other*" is selected under Shut-Off Controls above, please indicate how compliance has been achieved in the space provided below.	please indicate how compliance has b	een achieved in the space	provided below.		
New Service	N/A					

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

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## **Electrical Power Distribution**

NRCC-ELC-E

Project Name: CERTIFICATE OF COMPLIANCE Project Address: Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page: 101 Park Ave. APN. 001-181-03 Date Prepared: CALIFORNIA ENERGY COMMISSION NRCC-ELC-E (Page 4 of 5) 11/15/2021

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J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
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https://www.energy.ca.gov/title24/2019standards/2019\_compliance\_documents/Nonresidential\_Documents/NRCI/ Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E.

No  NRCI-ELC-01-E - Must be submitted for all buildings  Form/	Yes	•
Form/ E - Must be submitted for all buildings	No	0
Title .	Tit!	E - Must be subm
Field Inspec	Field Inspec	Pass

# K. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no Certificates of Acceptance applicable to electrical power distribution requirements.

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

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Registration Provider: Energysoft

## **Electrical Power Distribution**

NRCC-ELC-E

CALIFORNIA ENERGY COMMISSION

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CERTIFICATE OF COMPLIANCE		M7.00"FF0"F
Project Name: Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	Report Page:	(Page 5 of 5)
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Project Address: 101 Park Ave. APN. 001-181-03 Date Prepared:	Date Prepared:	1/13/2021
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	A Mc auceny CEA	2
I certify that this Certificate of Compliance documentation is accurate and complete.		
Documentation Author Name:	Documentation Author Signature:	Californa Association of Bushing Foundations. CERTIFIED ENTERGY ANALYST

# RESPONSIBLE PERSON'S DECLARATION STATEMENT

Arcata CA 95521

City/State/Zip:

1125 16th St., Ste. 216

Anne M. McQueeney, CEA

ABBAY TECHNICAL SERVICES

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

- The information provided on this Certificate of Compliance is true and correct.
- 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)

707.826.1433

Phone:

2021-11-15

Signature Date:

Anne McQueeney R16-01-20010 NR16-01-20010

CERTIFIED ENERGY ANALYST

CEA/ HERS Certification Identification (if applicable):

- 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.
- plans and specifications submitted to the enforcement agency for approval with this building permit application. 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,
- 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 leted signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

inspections. I understand that a completed signed copy of this certificate of compliance is required to be included with the	SCHOOL WITH THE MODELL MAN THE STATE OF THE
Responsible Designer Name:	Responsible Designer Signature:
Trinity Valley Consulting Engineers	Comme of report
	Date Signed:
alley Consulting Engineers	2021-11-15
	License:
P.O. Box 1567	C10200
	Phone:
k CA 95573	530.629.3000

### STATE OF CALIFORNIA Indoor Lighting

NRCC-LTI-E					CALIFORNIA E	CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE						NRCC-LTI-E
This document is used to demonstrate compliance with requirements in §110.9, §110.12(c), §130.0, §130.1, §140.6 and §141.0(b)2 for indoor lighting scopes using the prescriptive path.	pliance with requirements	s in <u>§110.9</u> <u>§110.12(c)</u> , <u>§</u> 1	30.0, §130.1, §140.6	and <u>§141.0(b)2</u> for inc	loor lighting scopes using	the prescriptive
Project Name: Weaverville/[	Douglas City Parks & Rec. Dis	Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	eport Page:			(Page 1 of 7)
Project Address:	101 P	101 Park Ave. APN. 001-181-03 Date Prepared:	ate Prepared:			11/15/2021
A. GENERAL INFORMATION						
01 Project Location (city)	Weaverville		04 Total Condition	Total Conditioned Floor Area (ft²)	0	
02 Climate Zone	16		05 Total Unconditi	Total Unconditioned Floor Area (ft²)	480	
03 Occupancy Types Within Project (select all that apply):	all that apply):		06 # of Stories (Ha	(Habitable Above Grade)	1	
□ Office □	☐ Retail	⊠ Warehouse	☐ Hotel/Motel		☐ School ☐	☐ Support Areas
Parking Garage	☐ High-Rise Residential	□ Relocatable	☐ Healthcare		Other (Write in)	See Table I
B. PROJECT SCOPE		to				
This table includes any lighting systems that are within the scope of the permit application and are demonstrating $\frac{\S141.0(b)2}{1}$ for alterations.	t are within the scope of t	he permit application and	are demonstrating co	mpliance using the pre	compliance using the prescriptive path outlined in §140.6 or	<u>\$140.6</u> or
Scope of Work	ork		Conditioned Spaces	S	Unconditioned Spaces	d Spaces
01			02	80	04	05
My Project Consists of (check all that apply):	eck all that apply):	Calcula	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
New Lighting System		Area Cat	Area Category Method	0	Area Category Method	480
☐ New Lighting System - Parking Garage						

Total Area of Work (ft<sup>2</sup>)

0

480

### Indoor Lighting

NRCC-LTI-E

CALIFORNIA ENERGY COMMISSION

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NRCC-LTI-I	ICE .	CERTIFICATE OF COMPLIANCE

### C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for quidance.

	le Q for Details)	Tabl	n Compliance (See Table Q for Details)	Rated Power Reduction C	WO	Rated						
COMPLIES	le H for Details)	Tabl	Controls Compliance (See Table H for Details)	Controls C								
COMPLIES	180	11	0	180	IV	216	П		0	216		Unconditioned
		П			IV		П					Conditioned
			F) (See Table P)	(See Table F)				(See Table K)	(See Table I) (See Table I) (See Table J) (See Table K)	(See Table I)	(See Table I)	
05 must be >= 08 <u>§140.6</u>	Total Adjusted (Watts) *Includes Adjustments	11	Adjustments PAF Lighting Control Credits §140.6(a)2 (-)	Total Designed (Watts)	IV	Total Allowed (Watts)	II	Tailored <u>§140.6(c)3</u> (+)	Area Category Additional §140.6(c)2G (+)	Area Category <u>§140.6(c)2</u>	Complete Building §140.6(c)1	conditioned and unconditioned spaces must not be combined for compliance per \$140.6(b)1
09	08		07	90		05	CONTROL OF	04	03	02	01	Lighting in
Compliance Results	<u>IO.6(a)</u> (Watts)	\$14	Lighting Power per §140.6(a) (Watts)	Adjusted Ligi			atts	§140.6(b) (W	Allowed Lighting Power per §140.6(b) (Watts)	Allowed Light		
			dulice.	Tuble D. Joi gai	12	onditions reje	101 0	MILLI EXCEPTION	OF COMPLEES	NOI COMELI	esuys DUES	ij any celi dii tilis table says - DOES NOT COMPETE OF COMPETES with Exceptional containons rejet to Table D. Joi Bananice:

### D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

### E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

## F. INDOOR LIGHTING FIXTURE SCHEDULE

	180	IONED SPACES	Total Designed Watts: UNCONDITIONED SPACES	Total Designed \	3%				
	180	No	4	Mfr. Spec	45	No	No	4ft Ceiling LED 45W	Storage
Pass Fail	Pa	§140.6(a)3	of Luminaires	determined	luminaire <sup>2</sup>	Color Change <sup>1</sup>	(Track) Fixture	Description	Tag
Field Inspector		Excluded per		How is Wattage Total Number	Watts per	Small	Modular	Complete Luminaire	Name or Item
10	09	08	07	06	05	04	03	02	01
								Designed Wattage: Unconditioned Spaces	Designed Watta
					in offices.	ortable lighting i	ghting and all p	This table includes all permanent designed lighting and all portable lighting in offices.	This table include

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Registration Date/Time:

Registration Provider: Energysoft

Indoor Lighting

CALIFORNIA ENERGY COMMISSION

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		NRCC-LII-E

## F. INDOOR LIGHTING FIXTURE SCHEDULE

<sup>1</sup>FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per <u>§140.6(a)4B</u> is adjusted to be 75% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.

<sup>2</sup>Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c). Wattage used must be the maximum rated for the luminaire, not

# This section does not apply to this project. G. MODULAR LIGHTING SYSTEMS

Storage Multi-level exempt: ≤0.5W/sq.ft §130.1(b)	EX: Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting; EXCEPTION 1 to §130.1(d)2	*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.	Storage Warehouse		Complete Building or Area Area Description Category Primary Function Area	04 05	Area Level Controls	Not Required <= 10,000 SF	iviandatory Demand Response <u>3110.12(C)</u>		01	<b>Building Level Controls</b>	This table includes lighting controls for conditioned and unconditioned spaces. When a control having a * is shown, the notes section of this table provides more detail on how compliance is achieved. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.	H. INDOOR LIGHTING CONTROLS (Not including PAFs)
t: ≤0.5W/sq.ft §	empt because l	ace below expl	ouse		ling or Area Iry Function			) SF	8110.12(0)	8110 12/5			d and unconditi on of the Comp	ing PAFs)
§130.1(b)	ess than 120 wc	aining how com	Manual ON/OFF		Area Controls §130.1(a)	06							oned spaces. W liance Summary	
	itts of general li	pliance is achiev	Exempt*		Multi-Level Controls §130.1(b)	07							hen a control ha Table on the fir	
	ghting; EXCEPTION 1	ed.	Occupancy Sensor		Shut-Off Controls §130.1(c)	08		See Area/Space	טוומנ-טוו כטוונ	Shut-off cont	9		ving a * is shown, the i st page will show "DOE	
			N/A		Primary/Sky lit Daylighting §130.1(d)	09		Space Level Controls	TOIS STOUTION	Shut-off controls \$130 1/c)	02		, the notes section of this table provides more d "DOES NOT COMPLY" if the notes are left blank	
	Plan Sheet		N/A		Secondary Daylighting §140.6(d)	10		ols					of this table p LY" if the note	
Electrical	Plan Sheet Showing Daylit Zones:	13	No		Interlocked Systems §140.6(a)1	11							orovides more s are left blar	
	/lit Zones:			Pass	Field Inspector	12			Pass	Field Inspector	03		detail on hov זk.	
				Fail	pector	2			Fail	pector	3		~	

Report Version: 2019.1.003 Schema Version: rev 20200601

Registration Provider: Energysoft

Indoor-Lighting

CALIFORNIA ENERGY COMMISSION

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1910-C-E11-E		
NRCC-ITI-E	NCE	CERTIFICATE OF COMPLIANCE

# I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

§140.6(c) or adjustments per §140.6(a) are being used Each area complying using the Complete Building or Area Category Methods per §140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per

### Unconditioned Spaces

ĽO	02	03	04	05	00	01
Area Description	Complete Building or Area Category Primary	Allowed Density	Δrea (f+2)	Allowed Wattage	Additional Allowance / Adjustment	nce / Adjustment
	Function Area	$(W/ft^2)$	) (a) (i)	(Watts)	Area Category	PAF
Storage	Commercial Industrial Storage Area	0.45	480	216	No	No
		TOTALS:	480	216	See Tables J, or P for detail	r P for detail

# J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

# K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This section does not apply to this project.

# L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This section does not apply to this project.

# M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This section does not apply to this project.

# N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS

This section does not apply to this project.

# O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This section does not apply to this project.

# P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

Registration Number:

Registration Date/Time:

Registration Provider: Energysoft

Schema Version: rev 20200601

Indoor Lighting

CALIFORNIA ENERGY COMMISSION

NRCC-LII-E		CALIFORNIA LINERGI COMINISCIONI
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Q. RATED P	OWER RED	Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS		
This section o	does not app	This section does not apply to this project.		
R. 80% LIGH	ITING POW	R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS		
This section o	does not app	This section does not apply to this project.		
S. DAYLIGH	DESIGN P	S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)		
This section o	does not app	This section does not apply to this project.		
T. DECLARA	TION OF RE	T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION		
Selections ha	ve been mac	Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E.	cluded in Ta	ible E.
https://www	energy.ca.go	https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/		
Vec	N <sub>O</sub>	Form/Title	Field Inspector	pector
ic	ā	i oring rivie	Pass	Fail
•	0	NRCI-LTI-01-E - Must be submitted for all buildings		
0	•	NRCI-LTI-02-E- Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.		
	•	NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room or a theater to be recognized for compliance.		
0		NRCI-LTI-05-E- Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.		
0	•	NRCI-LTI-06-E- Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.		

Indoor Lighting

CALIFORNIA ENERGY COMMISSION

11/15/2021	101 Park Ave. APN. 001-181-03 Date Prepared:	Project Address:
(Page 6 of 7)	Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	Project Name:
NRCC-LTI-E	1	CERTIFICATE OF COMPLIANCE
CALIFORNIA ENERGY COMMISSION		NRCC-LTI-E

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Selections have been made based on information provided in this document. If any selection have been changed by the permit applicant, an explanation should be included in Table E. Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance

			•		Yes
•	•	•	0		No
NRCA-LTI-05-A Must be submitted for institutional tuning power adjustment factor (PAF)	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.		Form/Title
				Pass	Field Inspecto
				Fail	pector

Indoor Lighting

CALIFORNIA ENERGY COMMISSION

11/15/202	101 Park Ave. APN. 001-181-03 Date Prepared:	Project Address:
(Page 7 of 7	Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	Project Name:
NRCC-LTI-	CE	CERTIFICATE OF COMPLIANCE

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	A McQueenin CEA	CEA
I certify that this Certificate of Compliance documentation is accurate and complete.		
Documentation Author Name: Anne M. McQueeney, CEA	Documentation Author Signature:	ABL Castern Associates of Balloy Berry Consulters CERTIFIED ENERGY ANALYST
Company:	Signature Date:	Anne McQueeney R16-01-20010 NR16-01-20010
ABBAY TECHNICAL SERVICES	2021-11-15	
Address: 1125 16th St., Ste. 216	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	Phone:	
Arcata CA 95521	707.826.1433	

## RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

- The information provided on this Certificate of Compliance is true and correct.
- 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)
- of Title 24, Part 1 and Part 6 of the California Code of Regulations. 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
- plans and specifications submitted to the enforcement agency for approval with this building permit application. 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,
- 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: Trinity Valley Consulting Engineers	Responsible Designer Signature:
Company: Trinity Valley Consulting Engineers	Date Signed: 2021-11-15
Address: P.O. Box 1567	Licens 200533
City/State/Zip: Willow Creek CA 95573	Phone: 530.629.3000

Registration Number:

Registration Date/Time:

Registration Provider: Energysoft

### STATE OF CALIFORNIA Outdoor Lighting

NRCC-LTO-E							CALIFORNI	A ENERGY	CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE									NRCC-LTO-E
Project Name: Weaverville/Douglas City Parks &	as City Parks & Rec. [	Rec. District Pool Storage Building Report Page:	Report Pa	ge:					(Page 1 of 7)
Project Address:	10:	101 Park Ave. APN. 001-181-03 Date Prepared:	Date Prep	ared:					11/15/2021
A. GENERAL INFORMATION									
01 Project Location (city)	Weaverville		3	T>+>	redonno Anno (ft	200			
02 Climate Zone	16		† C	lotal illulililated nalustape Alea (11)	nuscape Area (II				
03 Outdoor Lighting Zone per Title 24 Part 1 §10.114	§10.114 or as des	or as designated by Authority Having Jurisdiction (AHJ):	ng Jurisdi	ction (AHJ):					
☐ LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Mode	LZ-2: Moderate - Rural Areas	_	LZ-4: High - Must be	Must be reviewed by CA Energy Commission for Approval	Energy (	commission	for Approv	al
☐ LZ-1: Low - Developed Parkland	∠Z-3: Mode	LZ-3: Moderately High - Urban Areas							
B. PROJECT SCOPE									
This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in $\underline{\$140.7}$ or $\underline{\$141.0(b)2L}$ for alterations.	are within the sco	pe of the permit applicáti	on and are	e demonstrating comp	oliance using the	prescrip	tive path ou	tlined in <u>§1</u>	40.7 or
My Project Consists of:									
01					02				
New Lighting System		Must Comply with Allowances from §140.7	wances fro	om <u>§140.7</u>	11				
☐ Altered Lighting System		Is your alteration increasing the connected lig	asing the o	connected lighting loa	hting load (Watts)?	0	Yes	0	No
03			04				05		
% of Existing Luminaires Being Altered <sup>1</sup>	ered <sup>1</sup>	Sum Total of Luminaires Being	es Being /	Added or Altered		Calcu	Calculation Method	od	
□ < 10% □ >= 10% and < 50%	□ >= 50%								
Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires	ture Schedule to de	efine the project's lumina	ires.						
1 FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.	ered = (Sum Total	of Luminaires Being Addeo	d or Altere	d / Existing Luminaire	es within the Sco	pe of the	Permit App	lication) x i	00.

### **Outdoor Lighting**

NRCC-LTO-E

11/15/2021	101 Park Ave. APN. 001-181-03 Date Prepared:	Floject Address:
(Page 2 of 7)	weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	Project Name:
NRCC-LTO-E		Project Name:
		CERTIFICATE OF COMPLIANCE
CALIFORNIA ENERGY COMMISSION		NACC-LIO-E

### C. COMPLIANCE RESULTS

to Table D. Exceptional Conditions for guidance or see applicable Table referenced below. Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer

COMPLIES						ails)	Controls Compliance (See Table H for Details)	(See	Is Compliance	ontro	)				
N/A						ails)	Cutoff Compliance (See Table G for Details)	(See	off Compliance	Cutc					
COMPLIES	105	IV	396.9	п		QR.		+	1	+	1	+		+	396.9
07 must be >= 08	Total Actual (Watts)	IV	Total Allowed (Watts)	П	Existing Power Allowance §141.0(b)2L (See Table N)	OR	Per Specific Area §140.7(d)2 (See Table M)	+	Ornamental §140.7(d)2 (See Table L)	+	Sales Frontage §140.7(d)2 (See Table K)	+	Per Application §140.7(d)2 (See Table J)	+	General Hardscape Allowance §140.7(d)1 (See Table I)
09	80		07		90		05		04	-	03		20		TO
	Compliance Results	Co				)21	Calculations of Total Allowed Lighting Power (Watts) §140.7 or §141.0(b)2L	914	Power (Watts	hting	tal Allowed Lig	] of Tot	Calculations (		
							Ca 50.70 ky.	1000	and and a	177	ייי פיייייי מייייי מייייי מייייי מייייי ומייר וכלכי בווכבמ מכוסאי				

### D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

### E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Schema Version: rev 20200601 Report Version: 2019.1.003

### **Outdoor Lighting**

CALIFORNIA ENERGY COMMISSION

						ance is achieved.	ining how compli	nace helow expla	* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.	* NOTES: Salection
		105	Total Design Watts:	Total						
	NA: < 6200 lumens	105	ō	New	ω	Mfr. Spec	35	☐ Linear	Wall Light 35W	Outdoor
Field Inspector Pass Fail	Cutoff Req. > 6,200 initial lumen output – §130.2(b) 4	Design Watts	Excluded per §140.7(a)	Luminaire Status <sup>3</sup>	Total number luminaires <sup>2</sup>	How is Wattage determined	Watts per luminaire <sup>1, 2</sup>	scription	Complete Luminaire Description	Name or Item Tag
10	09	08	07	06	05	04	03		02	01
									ge:	Designed Wattage:
the spaces installed and	ing moved within luminaires being ot included).	emaining or bei ' <u>b)2L</u> only new ng moved are n	ing luminaires re hod per §141.00 g luminaires beir	d and any exist. Ing Power met ining or existing	es being installed is using the Exist uminaires remai	II new luminaire I lighting system ed (ie, existing l	with <u>§140.7</u> a low. For altered cope are includ	iting compliance If in the Table be tof the project s	For new or altered lighting systems demonstrating compliance with \$140.7 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included).	For new or alter covered by the preplacement lun
								E	F. OUTDOOR LIGHTING FIXTURE SCHEDULE	F. OUTDOOR L
									1	
11/15/2021					Date Prepared:	101 Park Ave. APN. 001-181-03 Date Prepared:	101 Park Ave. <i>I</i>			Project Address:
(Page 3 of 7)					Report Page:	Storage Building	Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	ıglas City Parks &	Weaverville/Dou	Project Name:
NRCC-LTO-E									OMPLIANCE	CERTIFICATE OF COMPLIANCE
										NRCC-LIO-E

### G. CUTOFF REQUIREMENTS (BUG)

This section does not apply to this project.

Registration Number:

Registration Date/Time:

Registration Provider: Energysoft

<sup>&</sup>lt;sup>1</sup>FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b)

<sup>&</sup>lt;sup>2</sup> For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.

<sup>3</sup> Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.

<sup>&</sup>lt;sup>4</sup> Compliance with mandatory cutoff requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by  $\underline{§130.2(b)}$ 

**Outdoor Lighting** 

red: 11/15/2021	101 Park Ave. APN. 001-181-03 Date Prepared:	Project Address:
;e: (Page 4 of 7)	Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	Project Name:
NRCC-LTO-E	LIANCE	CERTIFICATE OF COMPLIANCE
CALIFORNIA ENERGY COMMISSION	C	NRCC-LTO-E

### H. OUTDOOR LIGHTING CONTROLS

existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application. This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are

"DOES NOT COMPLY" if the notes are left blank. When an option having a \* is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show

					Name and Address of the Owner, where the Owner, while the
Mandatory Controls					
01	02	03	04	05	
Area Description	Shut-Off 8130 7(c)1	Auto-Schedule 8130.7(c)?	Motion Sensor \$130.2(c)3	Field Inspector	pector
			N	Pass	Fail
Outdoor	Photocontrol	Yes	Yes		
*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved. EX: Not permitted by health & safety to be turned off, EXCEPTION 1 to §130.2(c)	ce below explaining how compliance is a ff; EXCEPTION 1 to §130.2(c)	chieved.			

### **Outdoor Lighting**

Project Address: Project Name: CERTIFICATE OF COMPLIANCE Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page: 101 Park Ave. APN. 001-181-03 Date Prepared: CALIFORNIA ENERGY COMMISSION (Page 5 of 7) NRCC-LTO-E 11/15/2021

Report Version: 2019.1.003 Schema Version: rev 20200601

### STATE OF CALIFORNIA Outdoor Lighting NRCC-LTO-E

CALIFORNIA ENERGY COMMISSION

ERTIFICATE (	CERTIFICATE OF COMPLIANCE	JE		00000
Project Name	•			NRCC-LTO-E
Toject Name		weaver ville/Douglas City Parks & Rec. District Pool Storage Building Report Page:		(Page 6 of 7
Project Address:	35:	101 Park Ave. APN. 001-181-03 Date Prepared:		11/15/2021
N. EXISTING	CONDITIO	N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)		
This section	does not app	This section does not apply to this project.		
O. DECLARA	TION OF R	O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION		
Selections ha Additional Re	ve been mac marks. Thes	Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at	ncluded in Ta	ble E.
urban//cdan	energy.cu.go	ייייף איי איייייים איייים אייים איייים איייים אייים איייים איייים איייים איייים איייים איייים איייים אייים איייים איייים איייים איייים איייים איייים איייים איייים אייים איייים איייים איייים איייים איייים אייים אייים איייים אייים איייים אייים אי		
Yes	No	Form/Title	Field Inspector	pector
•	0	NRCI-LTO-01-E - Must be submitted for all buildings	T doo	
•	0	NRCI-LTO-02-E- Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be		
P. DECLARA	TON OF RE	P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE		
Selections ha Additional Re Provider (ATT	ve been mad marks. These	Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification	ncluded in Tai ician Certifica	ble E. ition
Yes	No	Form/Title	Field Inspector	pector
•	0	NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.		

Report Version: 2019.1.003 Schema Version: rev 20200601

### **Outdoor Lighting**

NRCC-LTO-E

CALIFORNIA ENERGY COMMISSION

11/15/2021	101 Park Ave. APN. 001-181-03 Date Prepared:	Project Address:
(rage / or /)	Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	Project Name:
(Dono 7 of 7)		CERTIFICATE OF COMPLIANCE
NDCC ITO E		000

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	AMiQueeny CEA	
I certify that this Certificate of Compliance documentation is accurate and complete.		
Documentation Author Name:	Documentation Author Signature:	
Anne M. McQueeney, CEA	Anna McClieanau	
Company: ABB AY TECHNICAL SERVICES	Signature Date: R16-01-20010 NR16-01-20010 2021-11-15	10
Address:	CEA/ HERS Certification Identification (if applicable):	
1125 16th St., Ste. 216		
City/State/Zip:	Phone:	
5521	707.826.1433	
DECONNEID E DEDECONIS DECLARATION STATEMENT		

# RESPONSIBLE PERSON'S DECLARATION STATEMENT

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

- .. The information provided on this Certificate of Compliance is true and correct.
- S 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) 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.
- plans and specifications submitted to the enforcement agency for approval with this building permit application. 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,
- 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 building provides to the building owner at occupancy.

inspections, i understand that a completed signed copy of this commence of completions is referred to	
Responsible Designer Name:	Responsible Designer Signature:
Trinity Valley Consulting Engineers	Elam of Char
	Date Signed:
alley Consulting Engineers	2021-11-15
	License: Oceaa
P.O. Box 1567	00000
City/State/Zip:	Phone:
k CA 95573	530.629.3000

### Solar Ready Areas

NRCC-SRA-E

CALIFORNIA ENERGY COMMISSION

11/15/2021

11/15/2021	rioject Address: 101 Park Ave. APN. 001-181-03 Date Prepared:	rio
1		D
(Page 1 of 5)	weaverville/Douglas City Parks & Rec. District Pool Storage Building   <b>Report Page:</b>	2
		D
10.	more than 2,000 ft <sup>2</sup> of roof area. Alterations or additions of less than 2,000ft <sup>2</sup> are not required to comply with §110.10.	10111
and the second of the second s	000 the 2 000 62 f	3
ate compliance with additions to these building types which add	Tributer from the stories of Jewer or all other nonresidential buildings three stories or fewer. It is also used to demonstrate compliance with additions to these building three which add	ווטננ
יייפייאלי איייביי מיב ביניובי ויואוי-וופר וומונון מוווווץ נפוז פנטופי טו Jewel,	tollmost to the state of the st	50+
huildings which are either high-rise multifamily ton stories or force	This document is used to demonstrate compliance with mandatory requirements in §110.10 for newly constructed by	Inis
NRCC-3RA-E		!
2000	CENTIFICATE OF COMPLIANCE	(57
	DTIFICATE OF COMPLIANCE	

A. GE	A. GENERAL INFORMATION				
01	01 Project Location (city)	Weaverville 0	04 B	Building Type	Building with total roof area 533 ft2
02	Climate Zone	16 0	5	05 Construction Type	New Construction
03	☐ Roof is designed for vehicle traffic, parking or for heliport		-		
03a	Plan sheet showing roof design for vel	Plan sheet showing roof design for vehicle traffic, parking or heliport exception:			
B. PR	B. PROJECT SCOPE				
The co	mpliance path the project is using to co	The compliance path the project is using to comply per §110.10(b)1B is indicated below.			
My pro	My project consists of (check one):				
		1			

B. PROJECT SCOPE	T SCOPE	
The complic	The compliance path the project is using to comply per $\S110.10(b)1B$ is indicated below.	ed below.
My project	My project consists of (check one):	
		2
		1
	Provide Solar Ready Area no exceptions	The project has allocated a solar zone on the roof plan per requirements in $\S110.10(b)$ , as documented in Table F.
	Exception to Solar Ready Area: Installed Solar Photovoltaic System	The project includes a permanently installed solar electric system having a nameplate DC power rating, measured under Standard Test Conditions, of no less than one watt per square foot of roof area as documented in Table G.
	Exception to Solar Ready Area: Installed Solar Water Heating System	The project is a hotel/motel or high-rise multifamily occupancy and includes a permanently installed domestic solar water-heating system complying with §150.1(c)8Biii and Reference Residential Appendix RA4, as documented in Table H.
	Exception to Solar Ready Area: Smart Thermostat and Alternative Energy Efficiency Measure	Exception to Solar Ready Area: Smart Thermostat and Alternative [5110.12(a)] AND at least one additional measure listed in Exception 4 to \$110.10(b)1B is installed, as documented in Table 1.

### Solar Ready Areas

NRCC-SRA-E

CALIFORNIA ENERGY COMMISSION

11/15/2021	101 Park Ave. APN. 001-181-03 Date Prepared:	Project Address:
(Page 2 of 5)	Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	Project Name:
NACC-URA-F	OMPLIANCE	CERTIFICATE OF COMPLIANCE

### C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance or see the applicable Table referenced below.

Arch	75.9	(See	Required Minimum Area (ft²)	01	Allocate
iite	î	Ta	î		Sp
Architectural	75.9	(See Table F)	<= Designated Area (ft²)	02	Allocated Solar Zone
nou Joc	OR		9R		
Location within the construction documents showing the location for inverrouting of conduit/plumbing to the electrical service/ water heating system		(See	Required Minimum DC Power Rating (Watts)	03	Installe
ons	î	Tab	î		P
truction docume bing to the electr		(See Table G)	Designed DC Power Rating (Watts)	04	Installed PV System
nts s	Q <sub>R</sub>		Q <sub>R</sub>		
shov					
ving the location ice/ water hea		(See Table H)	Required Minimum Solar Savings Fraction	05	Installed SWH System
on fo	î	Tabl	^i		¥
or inverters and metering system per §110.10(c).		е Н)	Designed/Rated Solar Savings Fraction	06	l System
nete ).10(	OR.		OR.		
ring equipment a <u>cl</u> .		(Se	JA5 Compliant Thermostat Specified?	07	Smart Tstat : N
rters and metering equipment and a pathway for the n per §110.10(c).		(See Table I)	Alternative Energy Efficiency Measure	08	Smart Tstat and Alternative EE Measure
COMPLIES		COMPLIES		09	

### D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

### E. ADDITIONAL REMARKS

This table is includes remarks made by the permit applicant to the Authority Having Jurisdiction.

### Solar Ready Areas

NRCC-SRA-E

CALIFORNIA ENERGY COMMISSION

l	11/15/2021	101 Park Ave. APN. 001-181-03 Date Prepared:	Project Address:
	(Page 3 of 5)	weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	Troject Name.

### F. ALLOCATED SOLAR ZONE

setback and pathway requirements. Requirements for interconnection pathways must also be included in construction documents, and the location is specified in this table. met. Each subarea must be shown on a roof plan or documented in construction documents. The solar zones must also comply with fire code requirements, including, but not limited to, This table demonstrates that the project has designated the minimum area required for the Allocated Solar Zone, and also that the requirements for Solar Zone Subareas have been This table is completed if the project is designating a solar zone to comply with §110.10(b)1B. New construction consider the total roof area; Additions consider newly added roof area.

(ft <sup>2</sup> ):	olar Zone Area	l Designated Sc	Tota						
75.9	80		Ye	Yes	Yes	No	SteepSlope	Architectural	Roof
Area Designated ed (ft²)					Subarea Complies with Title 24, Part 9	Is Steep-Sloped Roof or Overhang between 90 and 300 degrees?			Subarea Name or Tag
7	3		1	14	13	12	11	TO	09
							eas	ar Zone Subar	Designated Sol
						75.9	0	506	Total New or Added Roof Area
Potential Zone (0.5 x (Total Potential Zone))  Potential Zone))	Total Potential Solar Zone Area (ft²)	1	_	12	Method/ Tools Us Determine Annual Access for Potential	Based on Total or Added Roof Area (0.15 x (Roof-Skylt))  (ft²)		Area (ft²)	Zone Area Calculation Method
Minimum Solar	of areas with ss	Zone Areas: Ro 70% Solar Acces	otential Solar >= 7			Minimum Solar Zone		1	Minimum Solar
07		90			05	04	03	02	01
							ne	num Solar Zo	Required Mini
	Minimum Solar Zone Based on Potential Zone (ft²)  Yrea (ft²)  (ft²)  Designate Area (ft²)  (ft²);	Minin Zone Poten P	O6  Zone Areas: Roof areas with 70% Solar Access Steep-Sloped Area (> 2:12 Total Potential Potential 90° - Area (ft²) (0.5 x Solar Zone Brired Is the m Smallest ntial Dimension 5 Required per ctions feet or greater?  S Yes  O(b)3  O(D S x Solar Zone Area (ft²) (1.5 x Potentia Potentia (0.5 x Potentia (0.5 x Potentia) (1.5 x Potentia	Steep-Sloped Areas: Roof a >= 70% Solar Access   Steep-Sloped Area ( > 2:12   Tota pitch)   So or (ft²)   Subarea is Required Distance from Smallest Potential Potential Dimension Obstructions feet or per \$110.10(b)3   B	Potential Solar Zone Areas: Roof a >= 70% Solar Access    Steep-Sloped   Area ( > 2:12   Tota     Area ( <= 2:12   Driented 90 ° - Area     Area ( = 2:12   Tota     Area ( = 2:12   Tota     Area ( > 2:12   Tota     So Oriented 90 ° - Area     Subarea is Required   Subarea is Required     Area ( > 2:12   Tota     Area (	O5	Method/ Tools Used to Determine Annual Solar Access for Potential Zones¹  13  14  15  Subarea Complies with Title 24, Part 9 Yes Yes  Potential Solar Zone Areas: Roof a >= 70% Solar Access  Potential Solar Zone of Low-Sloped Area ( > 2:12 pitch) pitch) (ft²) pitch) (ft²) pitch) (ft²) pitch) (ft²) Oriented 90°- Area ( > 2:12 pitch) Subarea ( > 2:12 pitch) Area ( > 2:12 pitch) Potential Solar Zone Subarea is Required Distance From Potential Obstructions per Smallest or gerater?  Subarea Solar Zone Subarea Free of Subarea is Subarea Free of Subarea is Subarea Free of Subarea Solar Zone Subarea From Potential Dimension Subarea Free of Subarea Solar Zone Subarea Free of Subarea Free of Subarea Solar Zone Solar Zone Subarea Solar Zone Subarea Solar Zone Solar Zone Subarea Solar Zone Subarea Solar Zone Solar Zone Solar Zone Solar Zone Subarea S	Total New or Added Roof Area Covered with Skylights (ft²) (f	Total New or Added Roof Area (Area (H²)   Area (H²)

Report Version: 2019.1.003 Schema Version: rev 20200601

Registration Provider: Energysoft

### State of California Solar Ready Areas NRCC-SRA-E

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	COMBILANCE		Z	NRCC-SRA-E
Project Name:	Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:		(	(Page 4 of 5)
Project Address:	101 Park Ave. APN. 001-181-03 Date Prepared:			11/15/2021
Interconnection Pathways	Pathways Pathways			
Location in constru	Location in construction documents showing the location for inverters and metering equipment and a pathway for the routing of conduit/ plumbing to the electrical service/ water heating system per §110.10(c).	Architectural	ural	
1FOOTNOTE: This field	1FOOTNOTE: This field is used to document how the percentage of annual solar access was determined per §110.10(b)1B. Solar access is the ratio of solar insolation including shade to the solar insolation without shade.	solar insolation including sha olar access.	ade to the sola	ır insolation
	G TO THE TOTAL OF			
G. PERMANENTL	G. PERMANENTLY INSTALLED SOLAR PHOTOVOLTAIC (PV) SYSTEM			
This section does n	This section does not apply to this project.			
H. PERMANENTL	H. PERMANENTLY INSTALLED SOLAR HOT WATER SYSTEMS			
This section does n	This section does not apply to this project.			
I. SMART THERM	L SMART THERMOSTATS AND ALTERNATIVE EFFICIENCY MEASURE			
This section does n	This section does not apply to this project.			
J. DECLARATION	J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION			
Selections have bed	Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included Table E.	ınt, an explanation should	d be included	Table E.
Additional Remark https://www.energ	Additional Remarks. These documents must be provided to the building inspector during construction and can be Journal orning as https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/			
Yes	No Form/Title		Field Inspector Pass Fai	spector Fail
0	NRCI-SPV-01-E - Must be submitted for all newly installed Photovoltaic Systems (PV) being used to comply with §110.10(b)1B for high-rise multifamily, Hotel/Motel buildings less than 10 stories and nonresidential buildings less than 4 stories.	/ith <u>§110.10(b)1B</u> for ries.		
0	NRCI-STH-01-E - Must be submitted for all newly installed Solar Water Heating systems being used to comply with \$110.10(b)1B for high-rise multifamily, Hotel/Motel buildings less than 10 stories and nonresidential buildings less than 4 stories.	y with <u>§110.10(b)1B</u> stories.		
K. DECLARATION	K. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE			
There are no Certif	There are no Certificates of Acceptance applicable to solar ready requirements.			

Registration Date/Time:

Registration Provider: Energysoft

### Solar Ready Areas NRCC-SRA-E

CALIFORNIA ENERGY COMMISSION

11/15/2021	101 Park Ave. APN. 001-181-03 Date Prepared:	Project Address:
(Page 5 of 5)	Weaverville/Douglas City Parks & Rec. District Pool Storage Building Report Page:	Project Name:
NRCC-SRA-E	MTCIANCE	CERTIFICATE OF COMPLIANCE
	MOLANOT	CEDTIFIC ATT OF CO

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
l certify that this Certificate of Compliance documentation is accurate and complete	it. H. McQueeny CEA
Documentation Author Name: Anne M. McQueeney, CEA	Documentation Author Signature:  CABEC  Cident Accessed Relating Conduction GERTIFIED ENERGY ANALYST
Company: ABBAY TECHNICAL SERVICES	Anne McQueeney Signature Date: R16-01-20010 NR16-01-20010
Address: 1125 16th St., Ste. 216	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Arcata CA 95521	Phone: 707.826.1433
RESPONSIBLE PERSON'S DECLARATION STATEMENT  I certify the following under penalty of perjury, under the laws of the State of California:	
<ol> <li>The information provided on this Certificate of Compliance is true and correct.</li> <li>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)</li> <li>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</li> </ol>	The information provided on this Certificate of Compliance is true and correct.  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)  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 the College of Compliance Conform to the requirements.
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, workshed 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 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.	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.  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 included with the documentation the builder provides to the building owner at occupancy.
Responsible Designer Name: Trinity Valley Consulting Engineers	Responsible Designer Signature:
Company: Trinity Valley Consulting Engineers	Date Signed: 2021-11-15
57	License: C90533
City/State/Zip: Willow Creek CA 95573	Phone: 530.629.3000

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

Registration Date/Time:

Report Version: 2019.1.003 Schema Version: rev 20200601

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