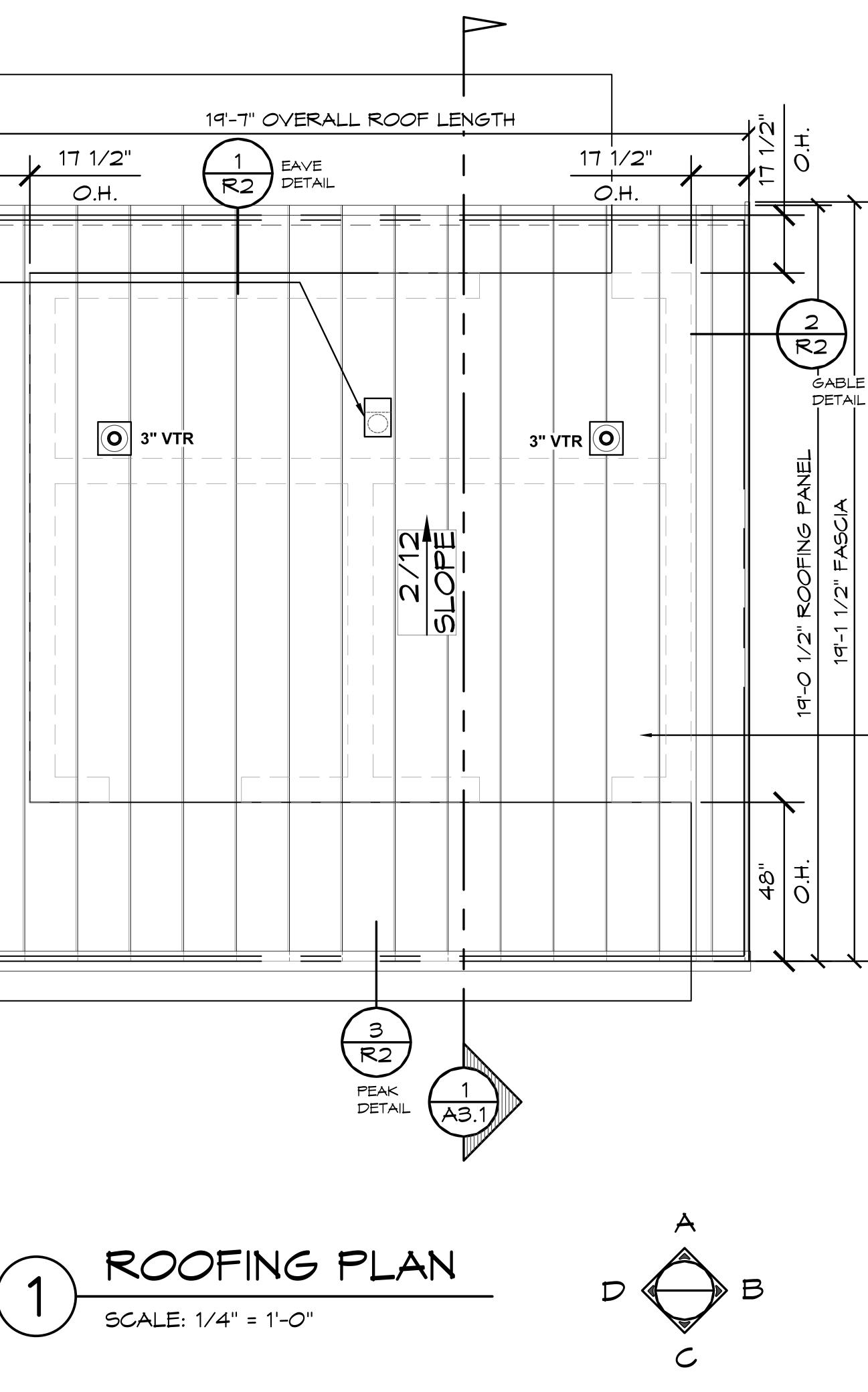
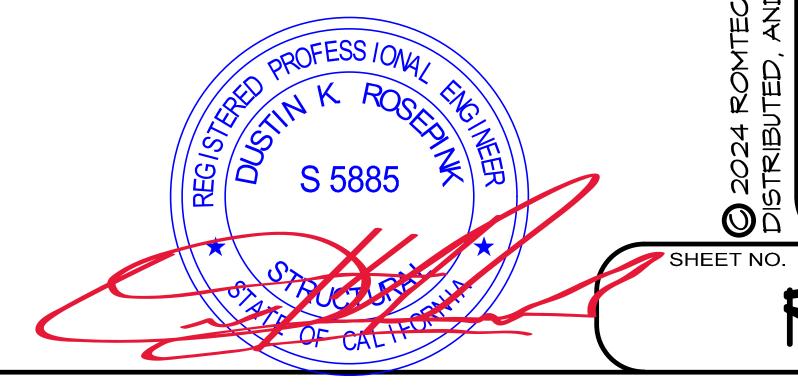


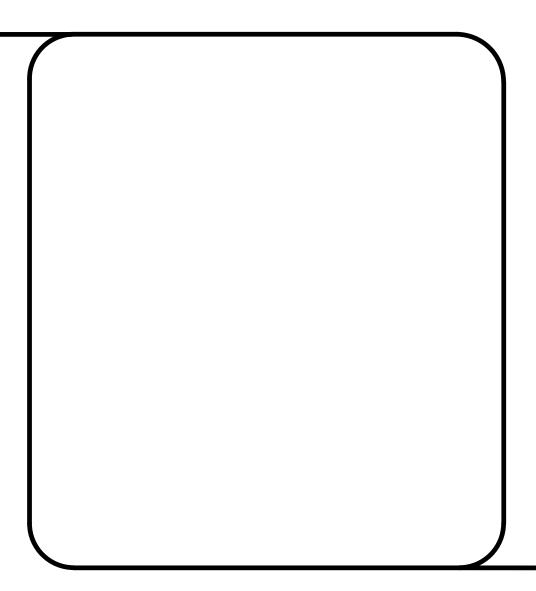
EXHAUST FAN ROOF CAP W/ --6" COLLAR & BIRD SCREEN. SEAL PENETRATION W/ METAL ROOF VENT SEALING ADAPTER MULTI-FLASH, TYP.

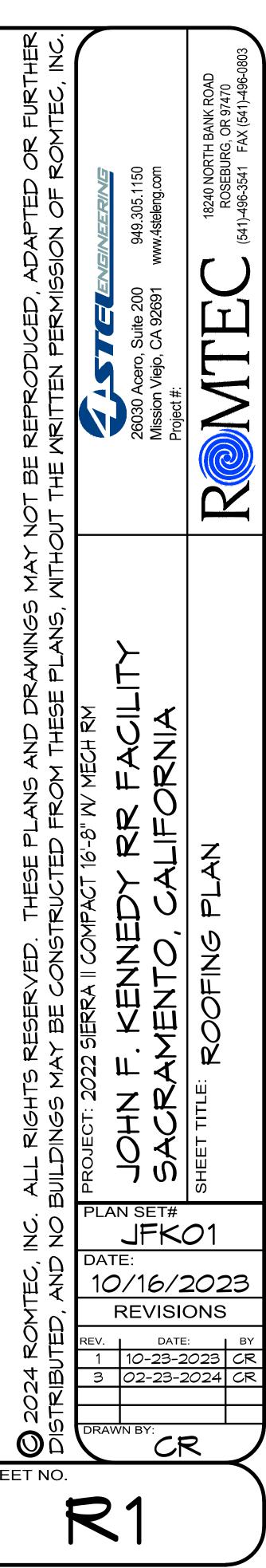


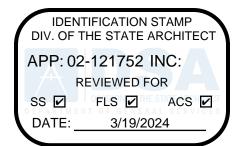


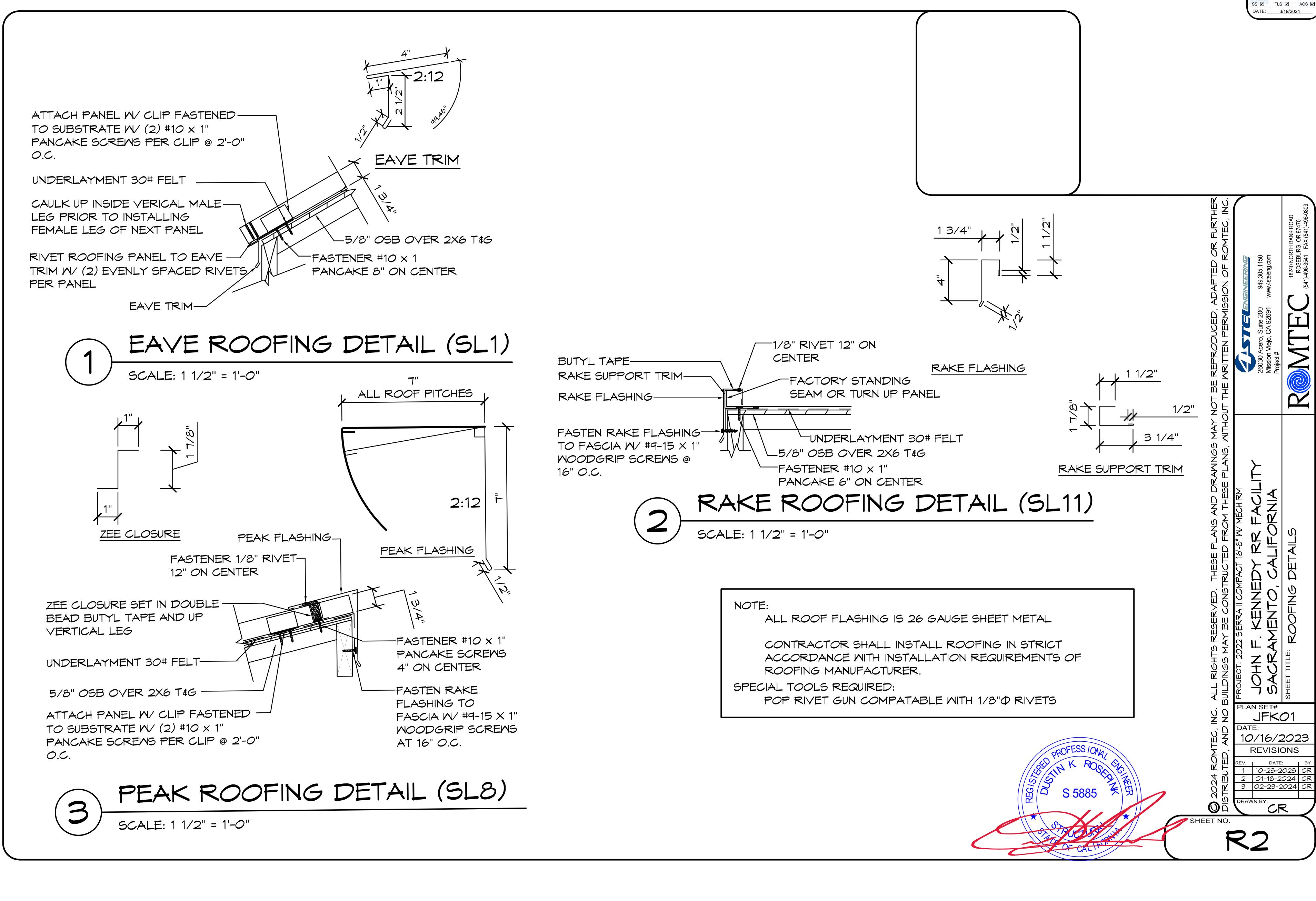
STANDING SNAP LOCKING SEAM METAL ROOFING CUSTOM-BILT METALS SL-1750-18" WIDTH PANEL (ICC-ES ESL-1491), OVER UNDERLAYMENT - ICE & WATER SHIELD SHALL EXTEND 24" PAST EXTERIOR WALL AT PERIMETER WITH #30 ROOFING FELT IN FIELD, TYP.

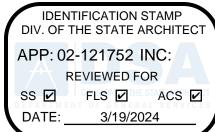
NOTE: FLASHING SECTIONS OVER 10'-6" IN LENGTH SHALL BE OVERLAPPED BY 4" AND EVERY EFFORT MUST BE MADE TO ENSURE A SYMMETRICAL APPEARANCE











	LIFORNIA PLUME									n			
SYM	MATER MATER MATER FIXT. UNITS/EA FIXT UNITS UNITS FIXT. UNITS												
WC													
LAV	HAND SINK	1 1/4"	1 1/2"	X	X	1/2"	2	1	2	1	2		
S-1													
DF-1													
HB-1													
HB-2													
FD-1													
FD-2	FLOOR DRAIN (EMERGENCY)	3"	1 1/2"	X	X	-	2	NA	NA	NA	NA		
WH-2	VH-2     WATER HEATER (INSTANT)     X     X     3/8"c     3/8"c     3/8"c     1     NA     NA     NA												
G	GENERAL PLUMBING NOTES:												
<ol> <li>ALL PIPE (WATER, SEWER, VENT), JOINTS, AND WORK SHALL CONFORM TO 2022 CALIFORNIA PLUMBING CODE AND LOCAL CODES.</li> <li>CONTRACTOR TO CONFIRM LOCATIONS OF SEWER AND WATER TIE-INS.</li> <li>CONTRACTOR TO SOLIDLY BRACE ALL PIPING TIGHT AGAINST WALLS. FOR LONG OR COMPLICATED RUNS, SECURELY MOUNT USING UNI-STRUT, IN STRAIGHT AND UNIFORM MANNER FOR FINISHED APPEARANCE. PIPING SHOWN IS DIAGRAMMATIC ONLY AND ACTUAL DESIGN TO BE BY CONTRACTOR.</li> </ol>													
	CONTRACTOR MAY CHANGE PIPE PLUMBING FIXTURES AS APPROV PSI WATER PRESSURE FOR THE F IS THE OWNER'S RESPONSIBILITY NECESSARY.	ED BY IN PLUMBING	NSPECTO S FIXTUR	OR. ROM RES. IF TH	TEC BUIL HE SITE H	DINGS	ARE D PRESSL	PESIGNED TO HA	AVE 40-6	-			
	CONTRACTOR TO DETERMINE AN												

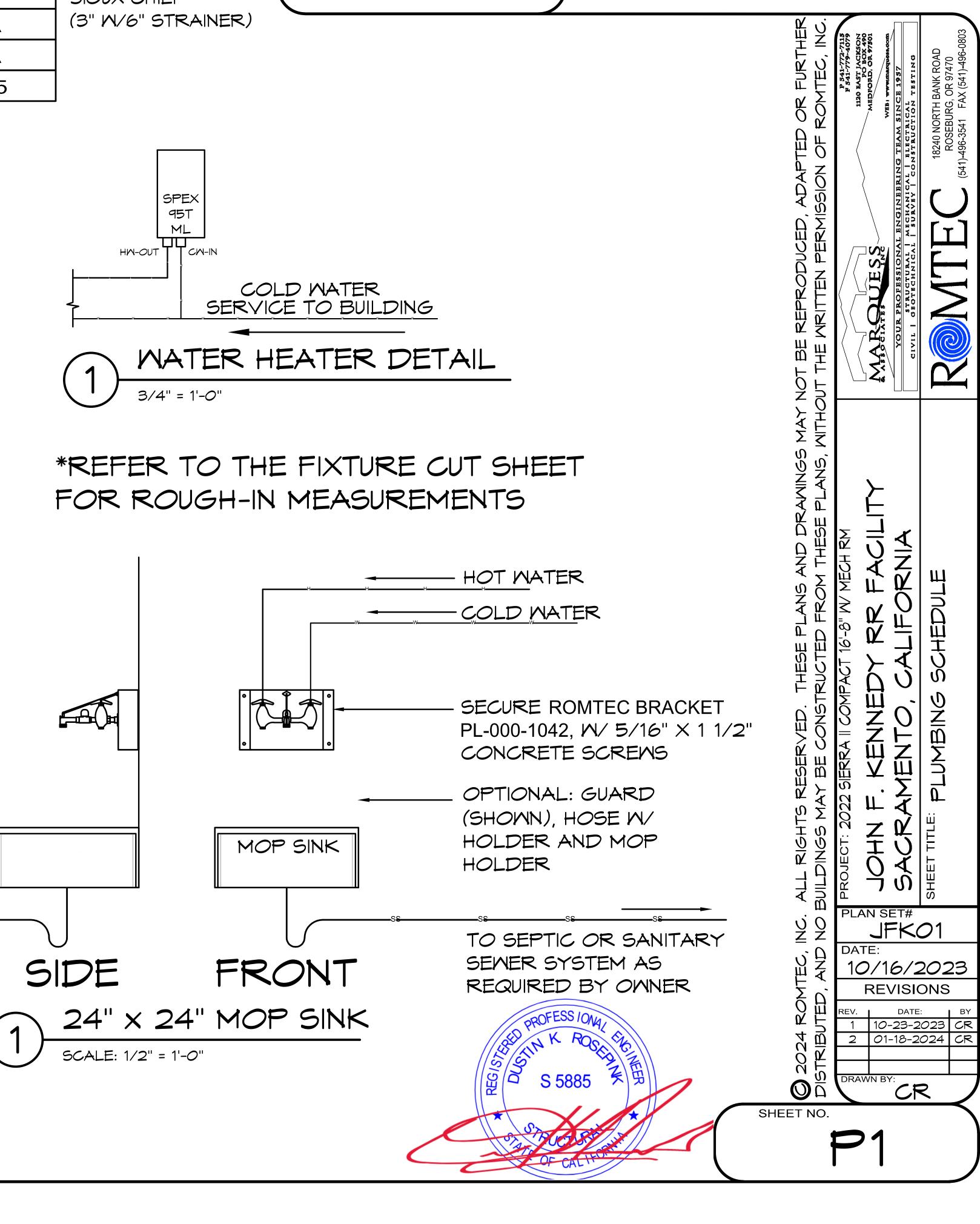
- 5. CONTRACTOR TO DETERMINE AND PROVIDE MEANS FOR GRAVITY DRAINING ALL PLUMBING FIXTURES TO SEPTIC OR SANITARY SEMER SYSTEM. INSTALLER TO PROVIDE A CLEAN-OUT BENEATH ALL SINKS AND LAVATORY AS REQUIRED BY CODE.
- 6. CONTRACTOR TO DETERMINE AND PROVIDE MEANS FOR SUPPLYING WATER TO ALL PLUMBING FIXTURES AND INSTALL WATER SERVICE SHUTOFF VALVE; TYPICALLY LOCATED WITHIN THE MECHANICAL ROOM.
- 7. IF THE SITE REQUIRES AN ACCESSIBLE BACK FLOW PREVENTER AND/OR PRESSURE REDUCER OR BOOSTER PUMP IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE.
- 8. WHEN INCLUDED, HOT WATER TANKS REQUIRE A TEMPERATURE AND PRESSURE RELIEF VALVE AND A DRAIN LINE TO THE EXTERIOR OF THE BUILDING PER 2022 CPC SECTIONS 608.4 \$ 608.5. CONTRACTOR TO PROVIDE = FURNISH & INSTALL TWO STRAPS TO THE NEAREST WALL, ONE STRAP AT TOP 1/3 OF TANK AND ONE STRAP AT BOTTOM 1/3 OF TANK, IN COMPLIANCE WITH 2022 CPC SECTION 507.2.
- 9. PLUMBING FIXTURES SHALL BE CERTIFIED BY THE CALIFORNIA ENERGY COMMISSION, SHALL COMPLY WITH 2022 CALIFORNIA PLUMBING CODE (CPC) SECTIONS 401.3 AND 403, AND SHALL COMPLY WITH 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC) SECTION 5.303.3. FLUSHOMETERS ASSOCIATED WITH TOILETS SHALL USE NO MORE THAN 1.28 GALLONS PER FLUSH. FLUSHOMETERS ASSOCIATED WITH URINALS USE NO MORE THAN 0.5 GALLONS PER FLUSH. BOTH FLUSHOMETERS ABOVE SHALL MEET PERFORMANCE STANDARDS BY ANSI A112.19.2 H&S CODE, SECTION 17921.3(B). SINK FAUCET SHALL USE NO MORE THAN 1.8 GPM MEASURED AT 60 PSI.

10. WHEN FIXTURES REQUIRE WALL CARRIERS, THEY SHALL BE SUPPLIED BY CONTRACTOR.

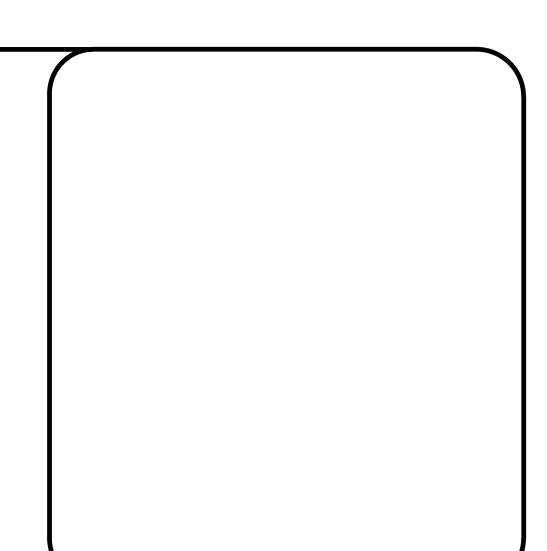
11. NON-REMOVABLE BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED ON ALL HOSE BIBBS AND POTABLE WATER OUTLETS WITH HOSE ATTACHMENTS. CPC 603.5.7.

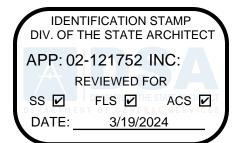
12.UNLESS SPECIFIED IN THE ROMTEC SUBMITTAL, ROMTEC DOES NOT SUPPLY INSULATION OR "FREEZE PROTECTION" FOR PLUMBING. "THE OWNER MAY NEED TO WINTERIZE THEIR BUILDING."

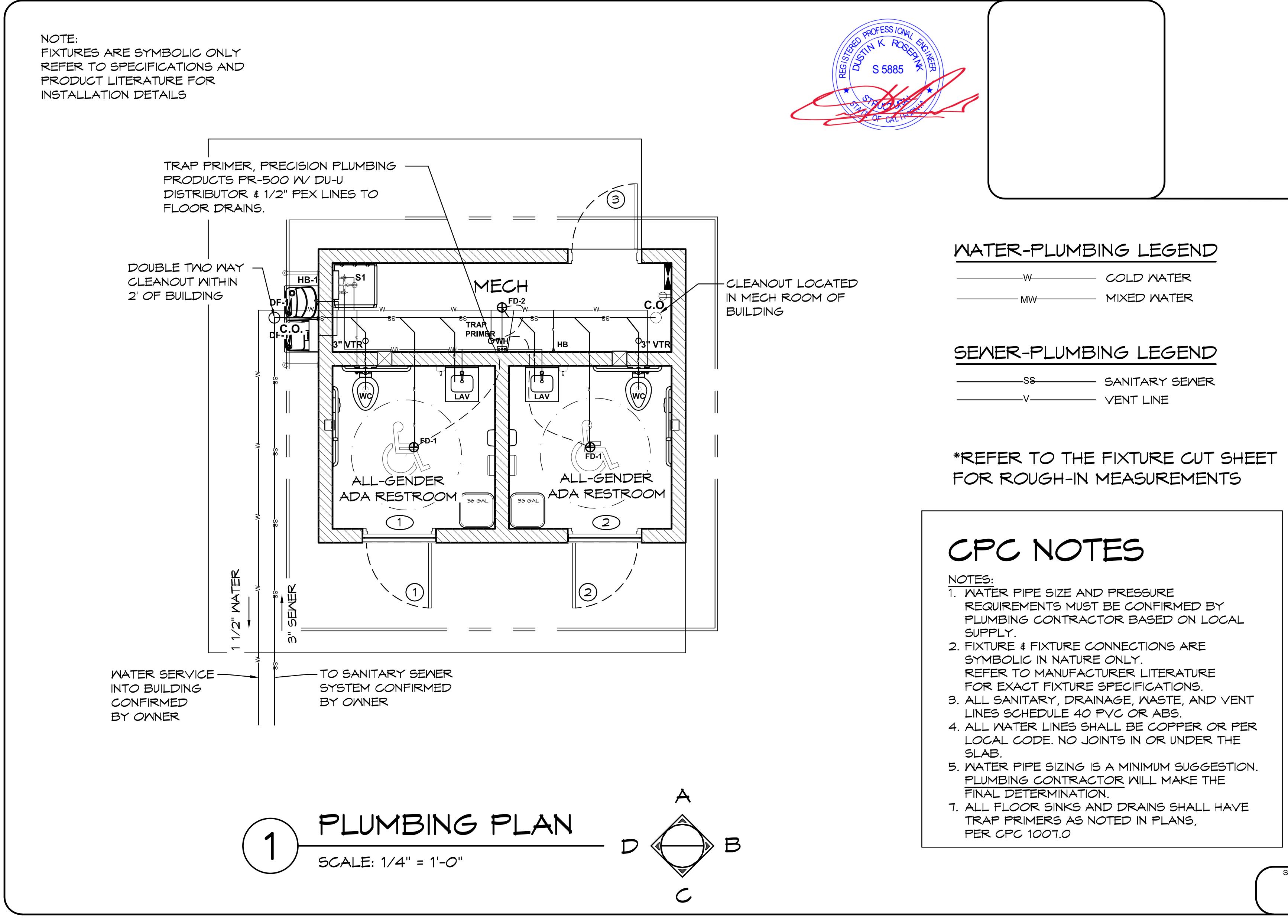


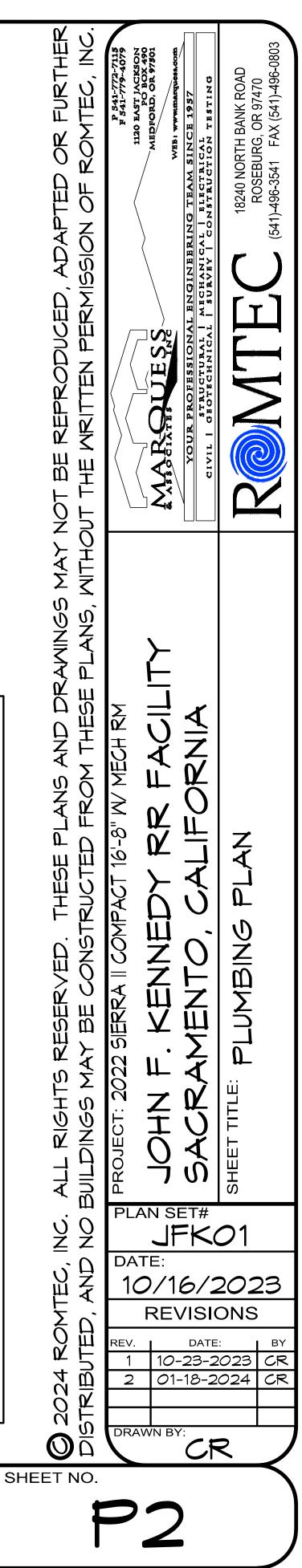


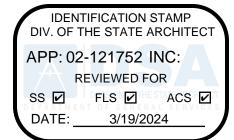
SIOUX CHIEF











# GENERAL ELECTRICAL NOTES:

- ALL WORK SHALL COMPLY WITH 2022 CALIFORNIA ELECTRICAL CODE AND LOCAL CODES. 2. OWNER TO PROVIDE TEMPORARY POWER AS REQUIRED DURING COURSE OF
- CONSTRUCTION.
- 3. ELECTRICAL SERVICE EQUIPMENT SUPPLIED BY OTHERS UNDER SEPARATE SUBMITTAL.
- TO THE ELECTRICAL ENGINEER OF RECORD THAT WILL DESIGN THE MAIN SERVICE.
- 5. THE INSTALLER SHALL FURNISH & INSTALL SPECIFICATION GRADE CIRCUIT BREAKERS, WIRING, CONDUIT, SWITCHES AND GFI RECEPTACLES THROUGHOUT. INTERIOR RECEPTACLES & SWITCHES SHALL HAVE STAINLESS STEEL COVERPLATES AND EXTERIOR RECEPTACLES SHALL BE INSTALLED WITH A WEATHERPROOF IN USE COVER.
- 6. ELECTRICAL CONDUIT IS TO BE RUN WITHIN THE WALL WHEN POSSIBLE, EXCEPT IN THE MECHANICAL ROOM.
- 7. FOR MECHANICAL ROOM ALL EXPOSED CONDUIT IS TO BE SURFACE MOUNTED AND RUN TIGHT TO CEILING AS REQUIRED.
- 8. COORDINATE AC OUTLET HEIGHTS WITH OWNER PRIOR TO ROUGH-IN.

# ELECTRICAL SCHEDULE & SYMBOL LEGEND:

QTY	SYMBOL	DESCRIPTION
1	BP	200 AMP BREAKER PANEL
PER PLAN		HOME RUN TO BREAKER PANEL
PER PLAN	$\bigoplus$	110 VAC DUPLEX RECEPTACLE, GRC MOUNTED MIN OF 15" TO MAX OF 4 CONFIRM EXACT LOCATION & HEIGH REPRESENTATIVE.
1	\$	SMITCH, SINGLE POLE MOUNTED A MAX OF 48" ABOVE TH
4	LF-1	LIGHT FIXTURE, WALL MOUNT UL LISTED TO U.S. SAFETY STANDAT WALL MOUNT, LED DOWN LIGHT, LITHON
2	LF-2	LIGHT FIXTURE, WALL MOUNT UL LISTED TO U.S. SAFETY STANDAI WALL MOUNT LED UP/DOWN LIGHT
1	⊨◯ LF-3	48" LED VAPOR TIGHT CEILING/MAL LITHONIA CSVT L48 5000LM 40K 80CF 4,298LM 40K: (35.3 M) (.2942 A)
1	PCL	PHOTO CELL, W/ WEATHER PROOF (
2	S	OCCUPANCY SENSOR WALL MOUNT ACUITY SENSOR SWITCH MV (120/277,347 VAC 13 AMPS/POLE 347 VA HAND DRYER
2		WALL MOUNT, THINAIR TA-SB: (915M
1	DF-1 DF-1	DRINKING FOUNTAIN W/ BOTTLE FILL ELKAY: VRCTLDDWSK - (15W) (1.0A
1	 ତତ୍ତ	INSTANT WATER HEATER EEMAX, SPEX95TML: 1 GPM @ 65°F (950

4. THE AIC VALUES SHOWN ON THESE ROMTEC PLANS ARE TO BE MADE CLEARLY AVAILABLE

OUND FAULT PROTECTED 48" ABOVE THE FLOOR SHT WITH OWNER OR OWNERS

THE FLOOR

ARDS FOR ALL WET LOCATIONS NIA OLLMD: (9M) (.08A)

ARDS FOR ALL WET LOCATIONS LITHONIA OLLMU: (14M) (.12A) LL MOUNT LIGHT RI

COVER

IVR PDT 16 MIDE VIEW SENSOR: 2 POLE AC MUST BE SAME PHASE)

(AT.T)

LER A)

500M) (40A) 240V

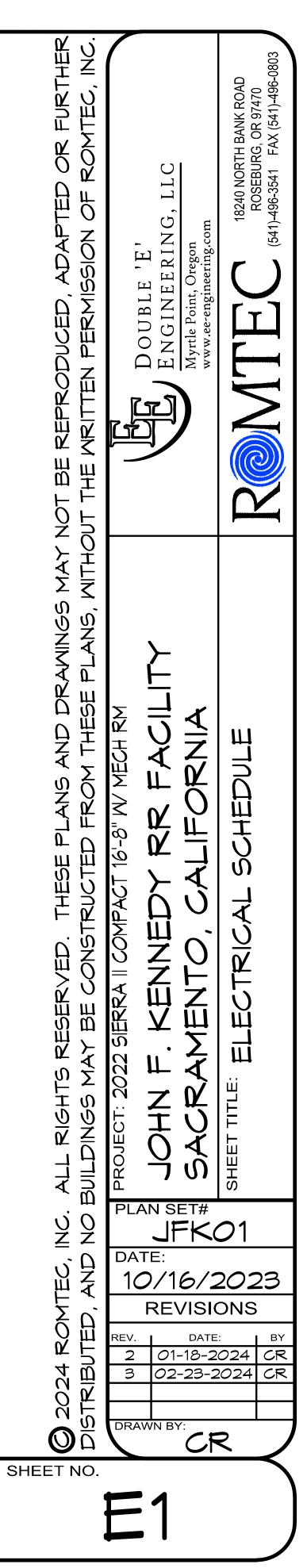
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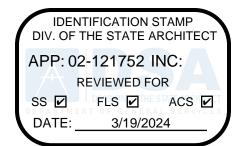
3

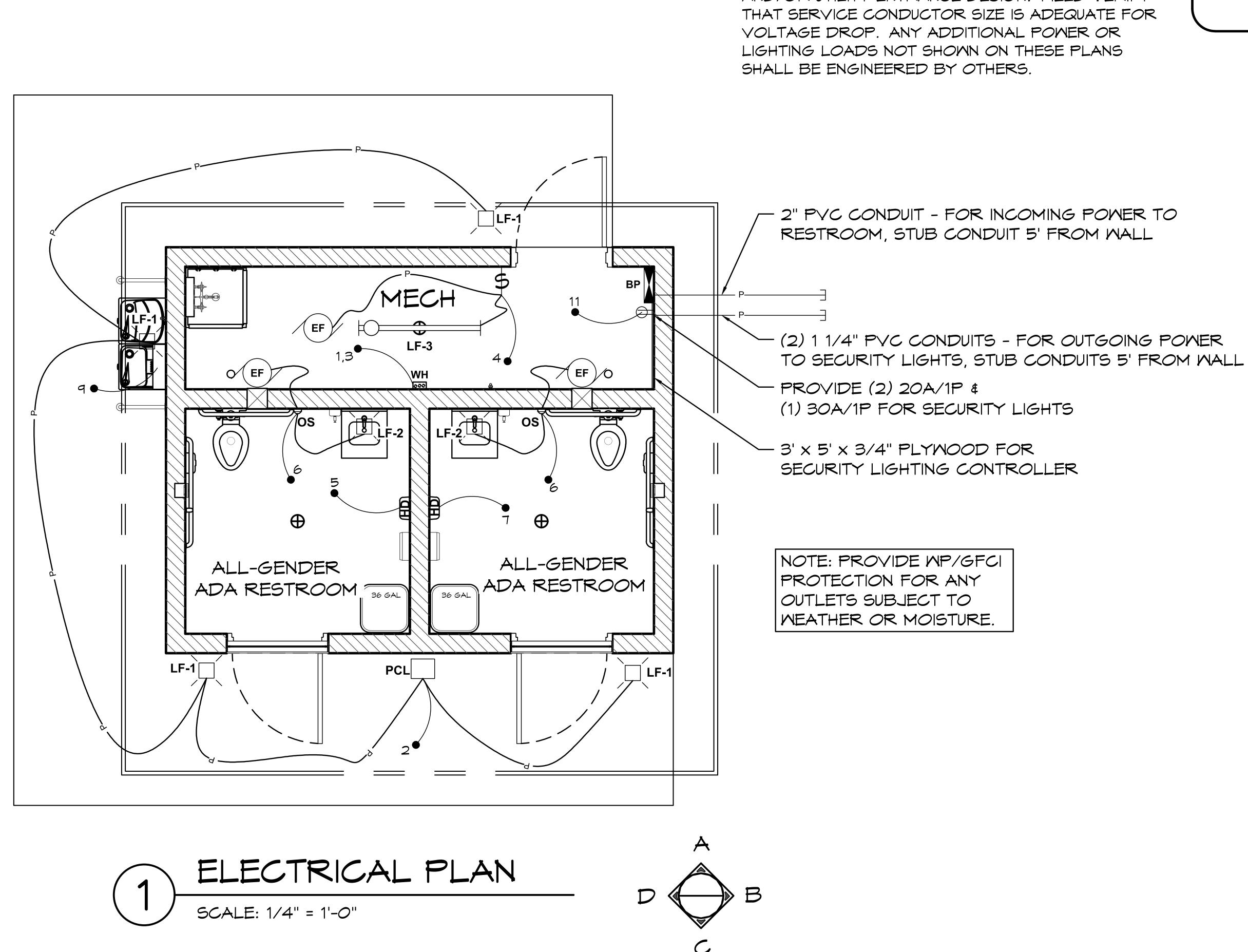


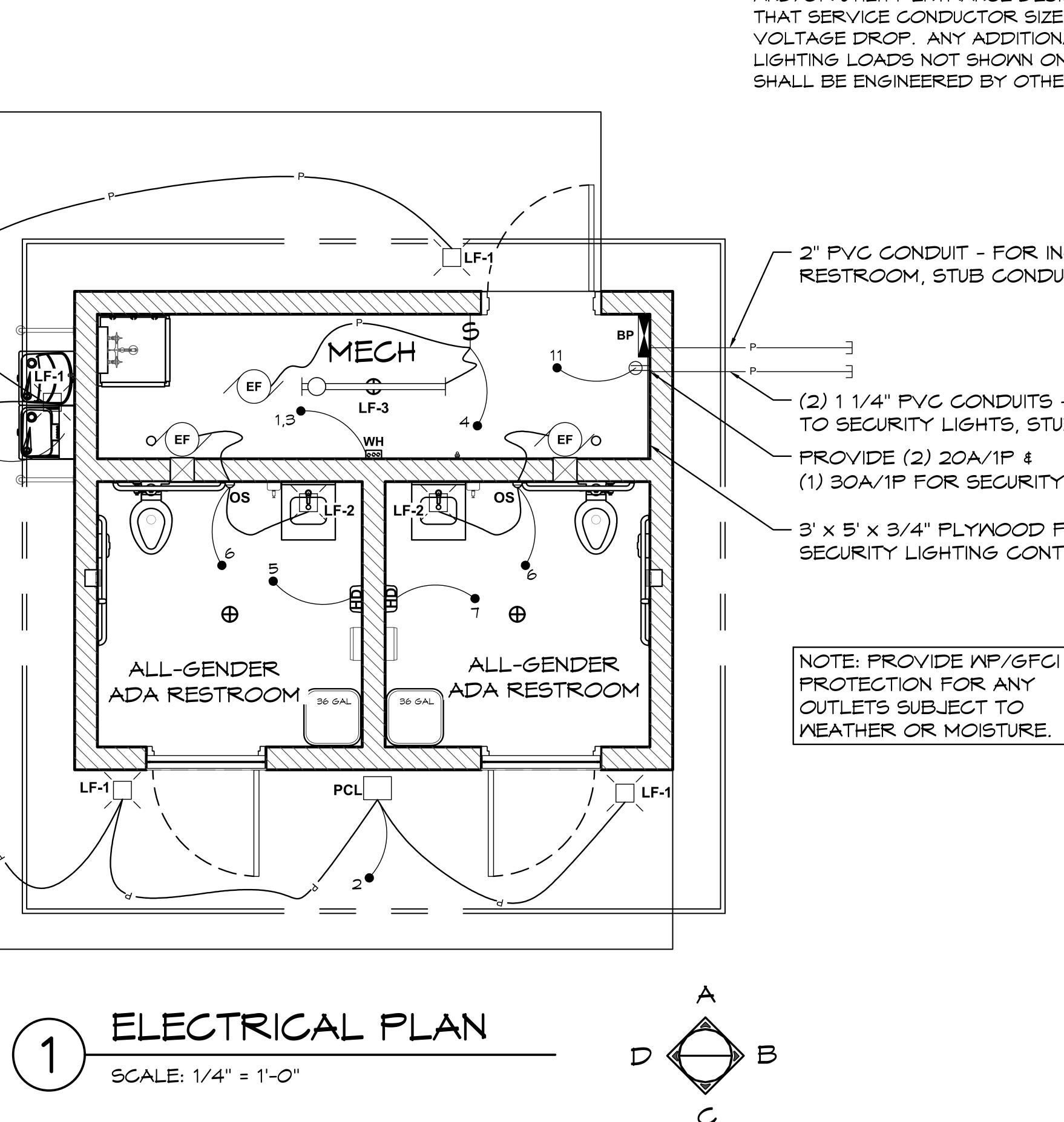
INLINE DUCT EXHAUST FAN SYSTEM

S&P, TD-100 - 4": (26M) (0.22A)





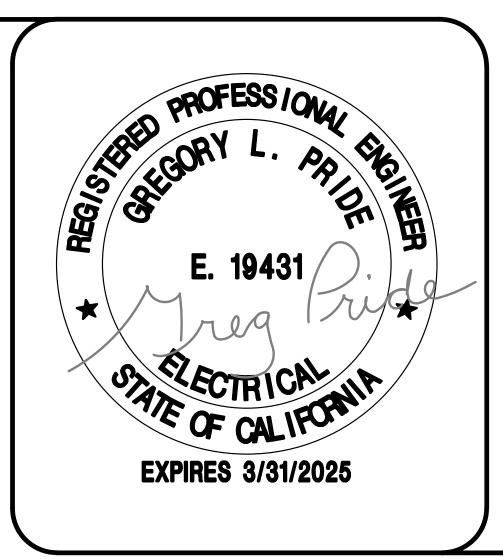




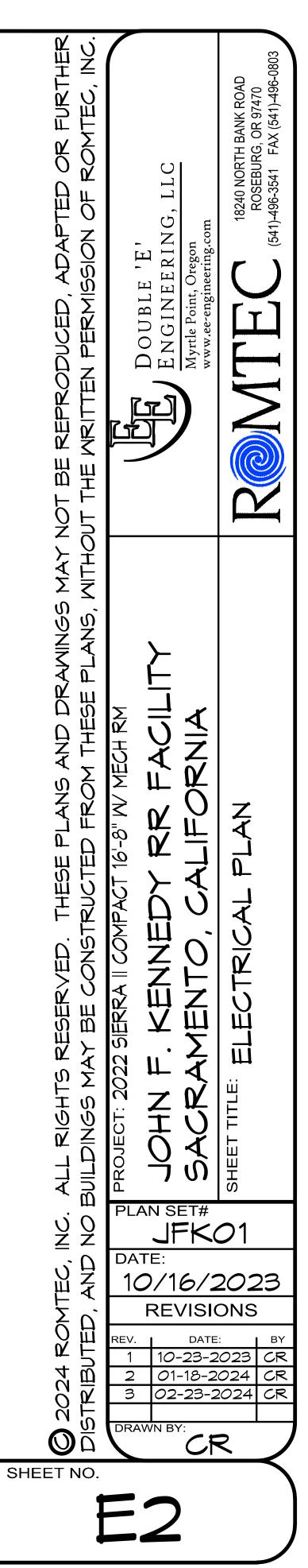
NOTE: SEE SHEETS A1.4, A2.1, & A2.2 FOR LOCATIONS - HEIGHTS OF ELECTRICAL FIXTURES.

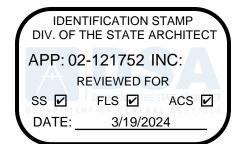
NOTE: ELECTRICAL PANEL MAY BE RELOCATED AT THE DISCRETION OF THE INSTALLER, PANEL MUST MAINTAIN ALL APPLICABLE CODE CLEARANCES.

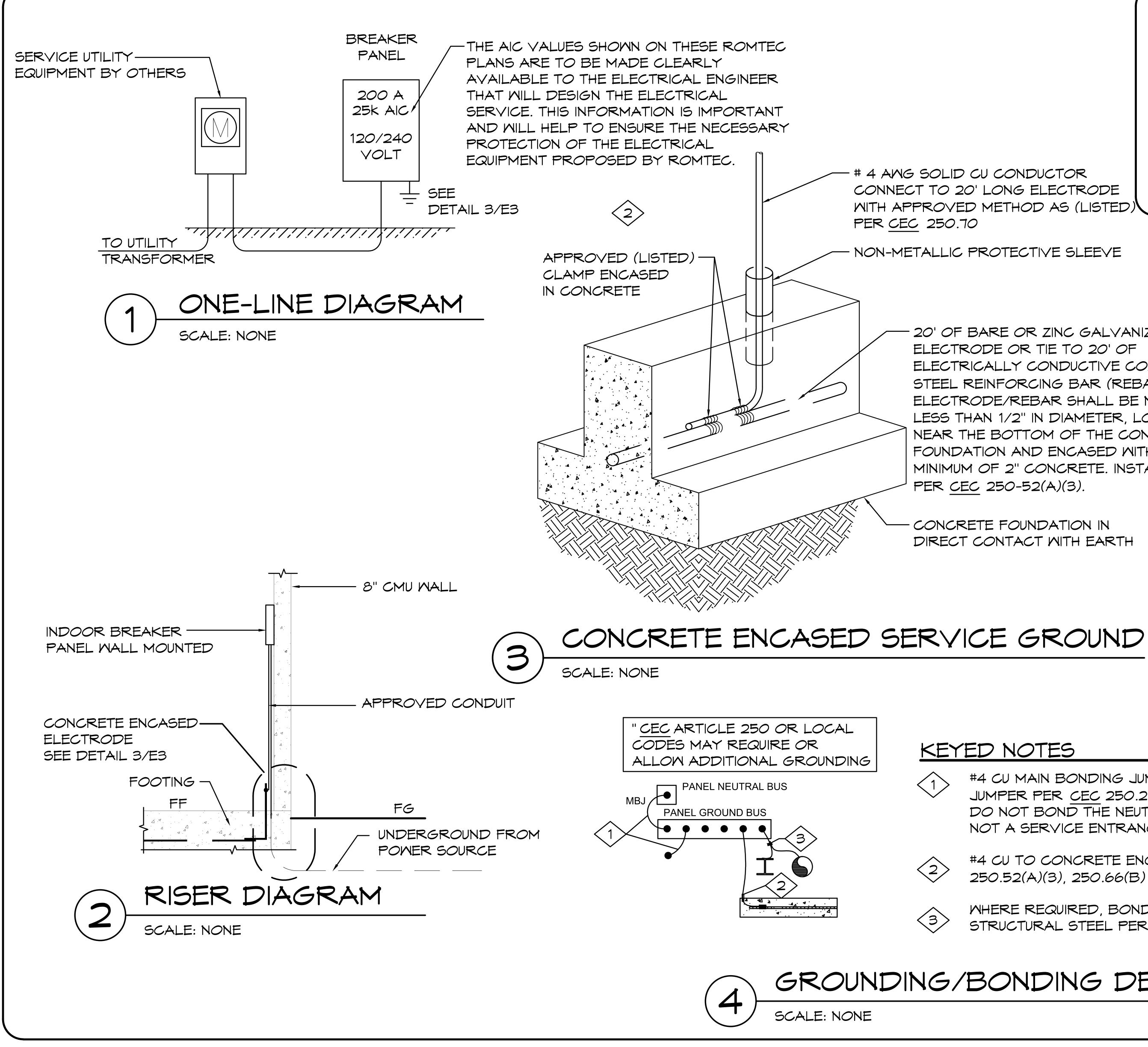
ROMTEC HAS DESIGNED THIS ELECTRICAL SYSTEM TO MEET THE NEEDS OF THIS SPECIFIC FACILITY. SITE DESIGN AND ENGINEERING BY OTHERS. OWNER IS RESPONSIBLE TO PROVIDE ALL SERVICE AND/OR UTILITY ENTRANCE DESIGN. FIELD VERIFY

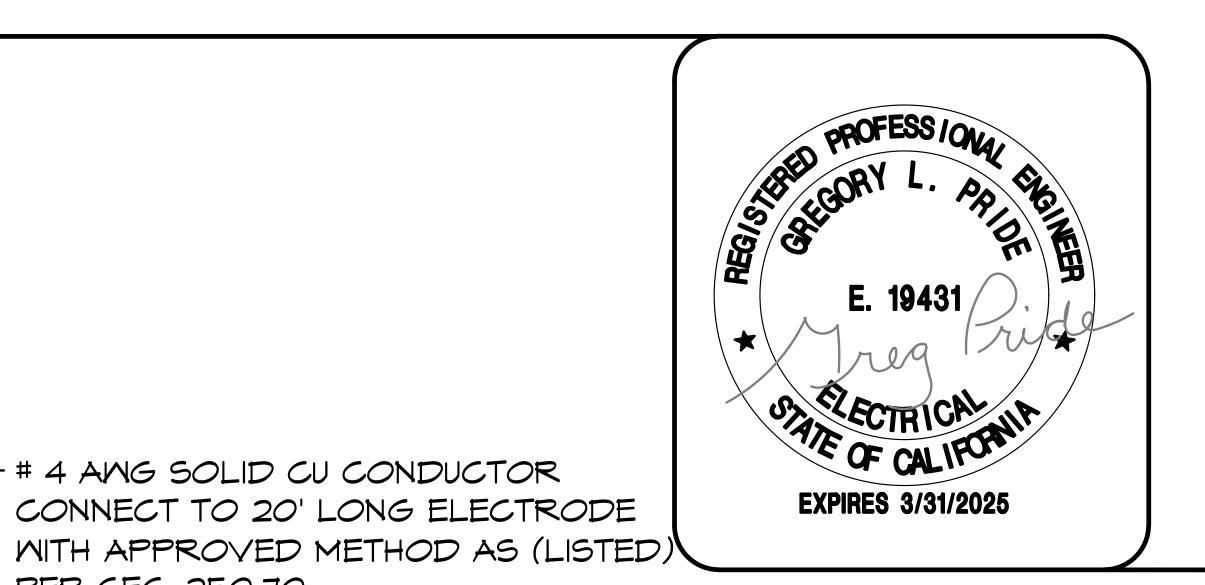












NON-METALLIC PROTECTIVE SLEEVE

20' OF BARE OR ZINC GALVANIZED ELECTRODE OR TIE TO 20' OF ELECTRICALLY CONDUCTIVE COATED STEEL REINFORCING BAR (REBAR). ELECTRODE/REBAR SHALL BE NO LESS THAN 1/2" IN DIAMETER, LOCATED NEAR THE BOTTOM OF THE CONCRETE FOUNDATION AND ENCASED WITH A MINIMUM OF 2" CONCRETE. INSTALL PER CEC 250-52(A)(3).

CONCRETE FOUNDATION IN DIRECT CONTACT WITH EARTH

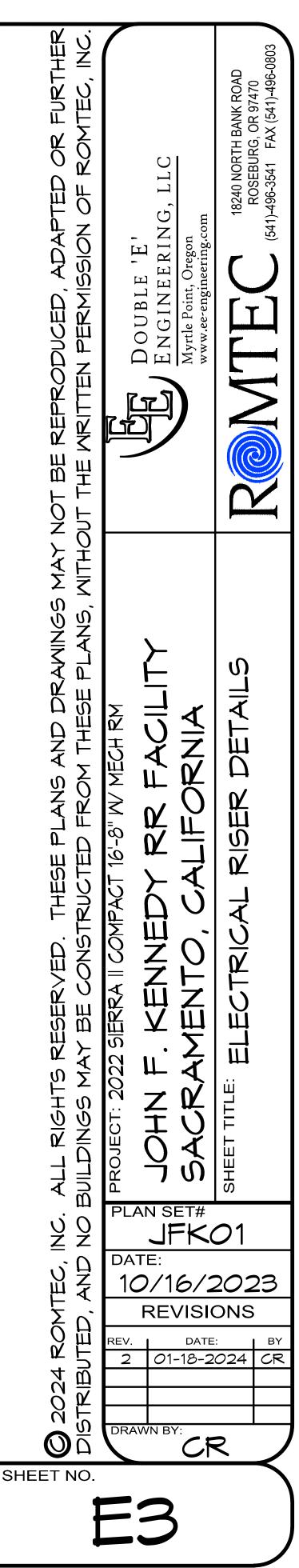
# KEYED NOTES

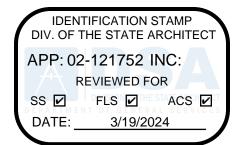
#4 CU MAIN BONDING JUMPER AND EQUIPMENT BONDING JUMPER PER CEC 250.28(D), 250.102(C) AND TABLE 250.66. DO NOT BOND THE NEUTRAL TO THE GROUND BUS IF THIS IS NOT A SERVICE ENTRANCE

#4 CU TO CONCRETE ENCASED ELECTRODE PER CEC 250.52(A)(3), 250.66(B) AND 250.70

WHERE REQUIRED, BOND PIPING SYSTEMS AND EXPOSED STRUCTURAL STEEL PER CEC 250.104

# GROUNDING/BONDING DETAIL



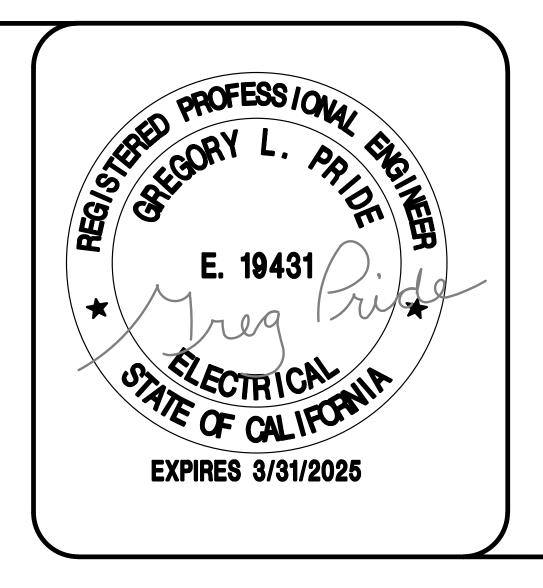


	BREAKER PANEL 25K AIC RATIN														ING				
20	00	AMP	Μ	AIN BI	REAKE	ER		12	0	/ 24	O VOLT	5					1-PHASE, 3	5-M	RE
FEEDER SIZE: ALUM: 3 #250 PH, #4 GRD, 2" C									SURFACE MOUNTED							ED			
EL	EC	TRICAL WIRING:	G	ROUNI	DED &	BOND	D PER	- CEC	5			USE X	HHM-2	CU CC	DNDUC	TORS			
LO,		PISTRIBUTION	LTG	REC	MOTOR	C DATA	HEAT	MISC				PH-A	PH-B	=	TOTAL	AMPS	WITH SPARE	Ē	25%
	NNEC	CTED VA	4978	195	0	0	11330	0				6996	9506	=	16503	79	20628		99
	'ERS	ITY FACTOR	125%	100%	100%	100%	100%	100%						=					
	ERS	IFIED VA	6222	195	0	0	11330		1	11	n 1	7326	10422	1	17747	87	22184		108
PL	Т	LOAD	VA	HP	PHW	GND	CON	BKR		PH	BKR	CON	GND	PHW	HP	VA	LOAD	T	PL
1	H	WATER HEATER	4750		8	10	3/4	50	2	A	1 20	1/2	12	12		36	LTS: EXTERIOR		2
3	Н		4750							B	1 20	1/2	12	12		61	LTS: MECH		
5	Н	HAND DRYER	915		12	12	1/2	20	1	A	1 20	1/2	12	12		80	LTS: RESTROOMS		6
7	н	HAND DRYER	915		12	12	1/2	20	1	B	1 20	1/2	12	12		1200	SECURITY LIGHTS		8
9	R	DRINKING FOUNTAIN	15		12	12	1/2	20	1	A	1 20	1/2	12	12		1200	SECURITY LIGHTS	L	10
11	R	RECEPTACLE	180		12	12	1/2	20	1	В	1 30	1/2	10	10		2400	SECURITY LIGHTS		12
13										A									14
15										В									16
17										A									18
19										В									20
21										A									22
23										В								<u> </u>	24
25				ļ			ļ	ļ		A			<u> </u>						26
27										B								┨───	28
29										A									30

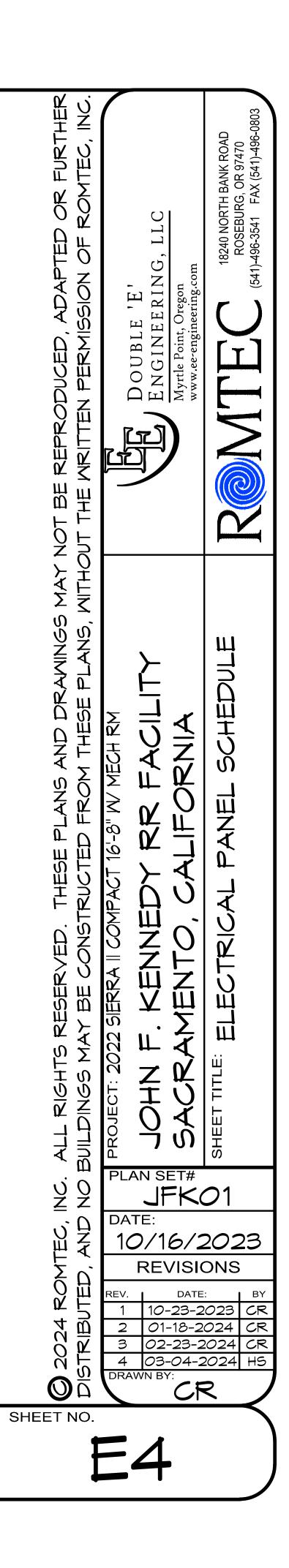
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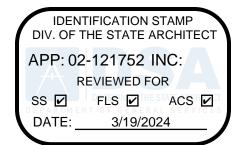
PLEASE NOTE THAT THE VALUES FOR THE SECURITY LIGHTS ARE AN ESTIMATE. SEE PROJECT ELECTRICAL ENGINEERING PLANS FOR FINAL LOADS.

ELECTRICAL PANEL SCHEDULE



ROMTEC HAS DESIGNED THIS ELECTRICAL SYSTEM TO MEET THE NEEDS OF THIS SPECIFIC FACILITY. SITE DESIGN AND ENGINEERING BY OTHERS. OWNER IS RESPONSIBLE TO PROVIDE ALL SERVICE AND/OR UTILITY ENTRANCE DESIGN. FIELD VERIFY THAT SERVICE CONDUCTOR SIZE IS ADEQUATE FOR VOLTAGE DROP. ANY ADDITIONAL POWER OR LIGHTING LOADS NOT SHOWN ON THESE PLANS SHALL BE ENGINEERED BY OTHERS.





## **BUILDING ENERGY ANALYSIS REPORT**

## **PROJECT:**

2310-020 John F. Kennedy Restroom 6715 Gloria Dr. Sacramento, CA 95831

## Project Designer:

Double 'E' Engineering, LLC 315 Ash Street Myrtle Point , OR 97458 541-294-0587

## **Report Prepared by:**

Matthew Weldon Regerfour LLC dba 5 Star Energy 940 Merchant St. Redding, Ca 96002 530-275-3350

Job Number:

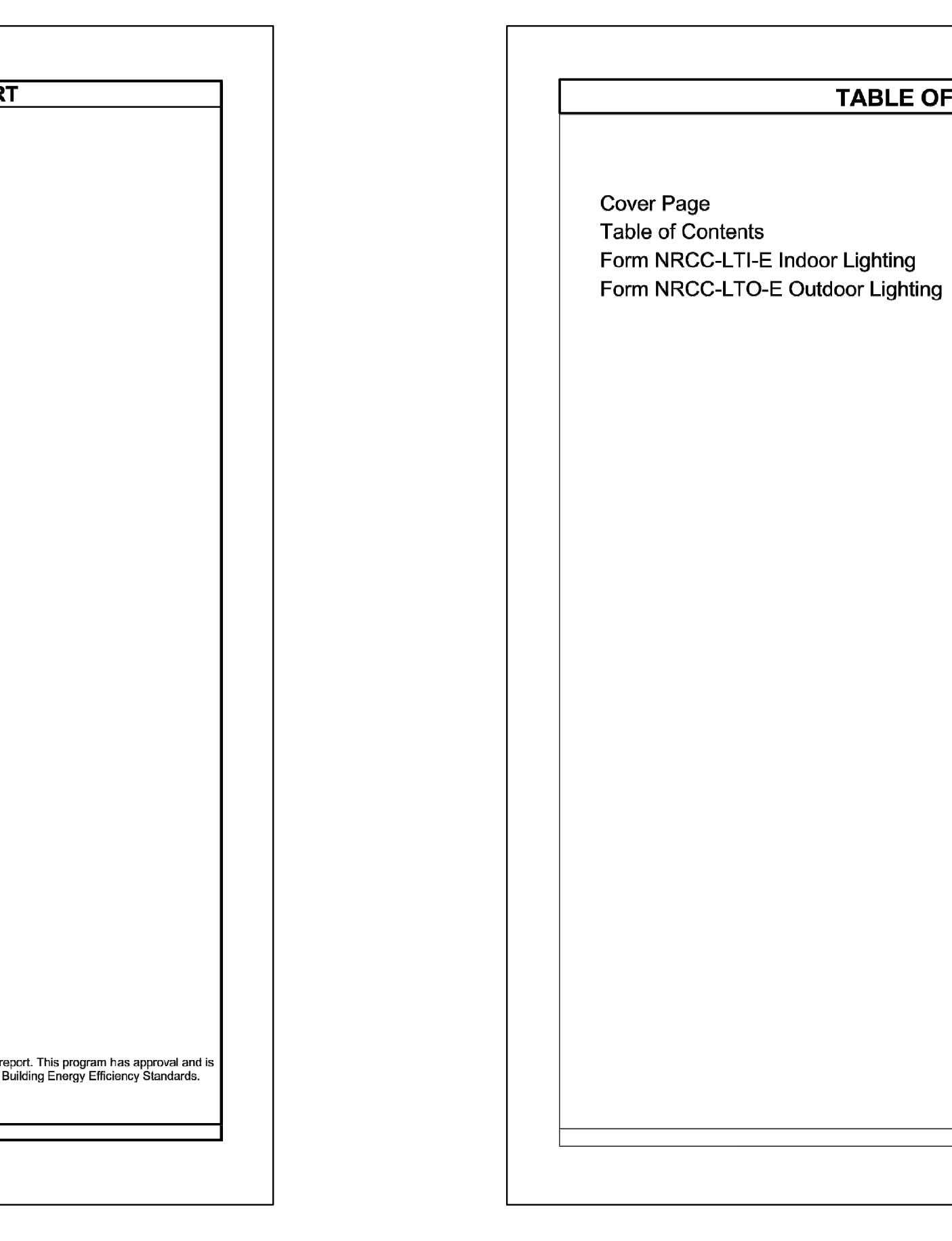
2310-020

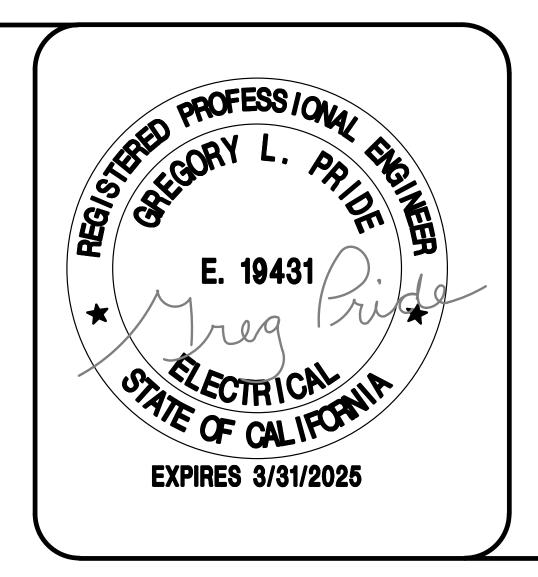
Date:

1/24/2024

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 2022 Building Energy Efficiency Standards.

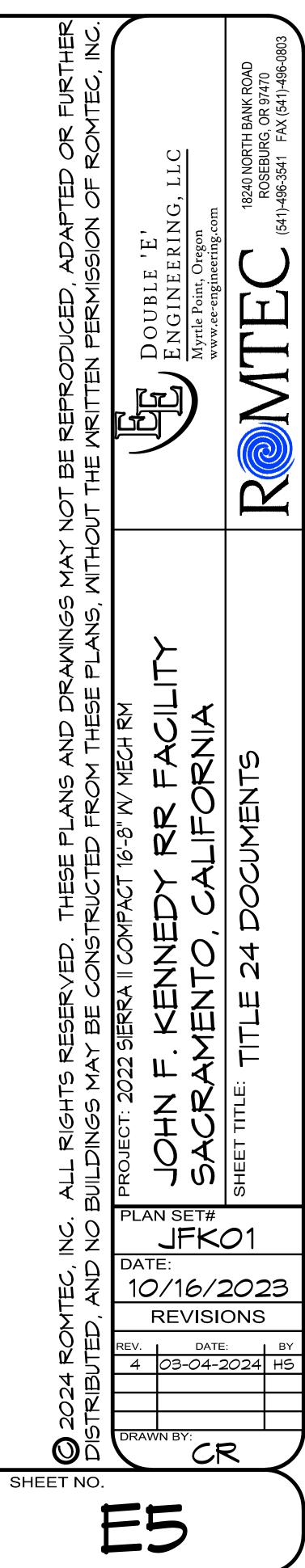
This program developed by EnergySoft, LLC – www.energysoft.com.

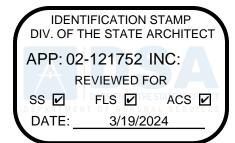




# **TABLE OF CONTENTS**

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## Indoor Lighting

CERTIFICATE OF COMPLIANCE

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 for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities. **Report Page:** Project Name: 2310-020 John F. Kennedy Restroom 6715 Gloria Dr. Date Prepared: Project Address:

#### A. GENERAL INFORMATION

01	Project Location (city)	Sacramento	04	Total Condition
02	Climate Zone	12	05	Total Unconditi
03	Occupancy Types Within Project (select a	ll that apply):	06	# of Stories (Ha
• 5	Support Areas			

**B. PROJECT SCOPE** 

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces
01	02
My Project Consists of (check all that apply):	Calculation Method
New Lighting System	Area Category Method
New Lighting System - Parking Garage	
Total Area of Work (ft <sup>2</sup> )	0

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Generated Date/Time:

Report Version: 2022.0.000 Schema Version: rev 20220101

#### STATE OF CALIFORNIA Indoor Lighting CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-LTI-E Project Name: 2310-020 John F. Kennedy Restroom (Page 1 of 7) 1/24/2024 C. COMPLIANCE RESULTS If any cell on this table says "DOES NOT COMPLY" or "CO Allowed Lighting Power oned Floor Area (ft<sup>2</sup>) tioned Floor Area (ft<sup>2</sup>) 222 Lighting in 02 01 conditioned and labitable Above Grade) unconditioned Cat Area spaces must not be Complete Category Add combined for Building 140.6(c)2/ 140. compliance per 140.6(c)1 170.2(e)4 170.2 140.6(b)1 / 170.2(e) (+ (See Table I) (See Table I) (See Ta Conditioned Unconditioned Spaces Unconditioned 144.3 04 05 03 **Calculation Method** Area (ft<sup>2</sup>) Area (ft<sup>2</sup>) Area Category Method 222 0 **D. EXCEPTIONAL CONDITIONS** 222 E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Documentation Software: EnergyPro Compliance ID: EnergyPro-3895-0124-1539

Report Generated: 2024-01-24 15:19:46



	with Exceptional Condi									
						CALI	IFOF	RNIA ENERGY COMMISSION		
										NRCC-LTI-E
			Repo	rt Pa	ge:					(Page 2 of 7)
			Date	Prep	ared:					1/24/2024
				r to 7			140	6(a) / 170 2(a)		
r <mark>per 140.</mark>	6(b) / 170.2(e)	) (Wa	atts)	Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)						Compliance Results
03	04		05		06	07		08		09
Area itegory ditional .6(c)2G / .2(e)4Av	Tailored   140.6(c)3 / / 170.2(e)4B =		T <b>otal</b> Allowed (Watts)	≥	Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B	Ш	Total Adjusted (Watts) *Includes		05 must be >= 08 140.6 / 170.2(e)

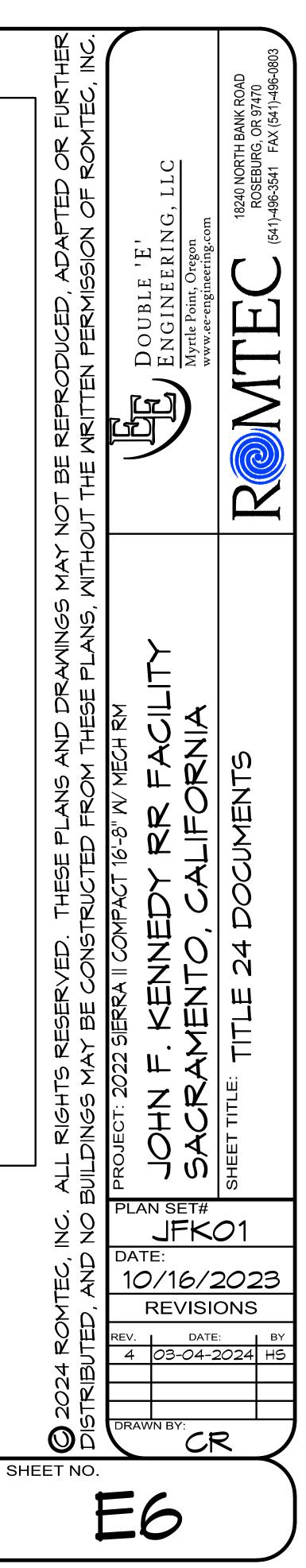
+)										
Fable J)	(See Table K)				(See Table F)	(See Table P)				
		II		N			=			
0	=       144       ≥       63       0       =       63									COMPLIES
					Contro	ls Compliance (S	See 7	Table H for Deta	ils)	COMPLIES
			Rate	ed Po	ower Reductio	n Compliance (S	See 1	able <b>Q</b> for Deta	ils)	

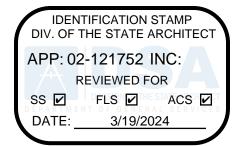
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Generated Date/Time:

Report Version: 2022.0.000 Schema Version: rev 20220101 Documentation Software: EnergyPro

Compliance ID: EnergyPro-3895-0124-1539 Report Generated: 2024-01-24 15:19:46





Indoor Lighting CERTIFICATE OF COMPLIANCE

Project Name: 2310-020 John F. Kennedy Restroom

Report Page: Date Prepared:

### F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/hotel/motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

	Designed	Wattage:	Unconditioned	Spaces
--	----------	----------	---------------	--------

Designed Wat	tage: Unconditioned Spaces									
01	01 02 03 04 05 06 07 08									0
Name or Item	Complete Luminaire	Modular	Small	Watts per	How is Wattage determined	Total Number	Excluded per		Field Inspector	
Tag	1	(Track) Fixture	Aperture & Color Change <sup>1</sup>	luminaire <sup>2</sup>		of Luminaires	140 b(a) 37	Design Watts	Pass	Fail
LF-2	LF-2 LF-2 LF-2 LF-2		No NA		Mfr. Spec	2	No	28		
LF-3	Lithonia 48" Vapor Tight Wall Mount 35.3w LED	No	NA	35.3	Mfr. Spec	1	No	35.3		
		63		·						

<sup>1</sup>FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% /80% 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) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

#### G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

his table includes lighting controls for conditioned and unconditioned spaces.	
uilding Level Controls	
01	
Mandatory Demand Response 110.12(c)	Shut-off controls 1
NA < 4,000W subject to multilevel	See Area/Spac

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000 Schema Version: rev 20220101 CALIFORNIA ENERGY COMMISSION

NRCC-LTI-E (Page 3 of 7) 1/24/2024

02	0	3
130.1(c) / 160.5(b)4C	Field In	spector
130.1(0)/ 100.3(0)40	Pass	Fail
ace Level Controls		

Documentation Software: EnergyPro

Compliance ID: EnergyPro-3895-0124-1539 Report Generated: 2024-01-24 15:19:46

### STATE OF CALIFORNIA Indoor Lighting

CERTIFICATE OF COMPLIANCE Project Name: 2310-020 John F. Kennedy Restroom

# H. INDOOR LIGHTING CONTROLS (Not including PAF

Area Level Controls									
04	05	09	10	11	12				
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Davlighting	Interlocked Systems 140.6(a)1/ 170.2(e)2A	Field In:	
					100.0(0)10			Pass	Fail
Whole Building	All Other Space Types	Readily Accessible	Dimmer	See Building Level	Included	Included	No		
		-					13		
		Plan Sheet Showing Daylit Zones:							

## I. LIGHTING POWER ALLOWANCE: COMPLETE BUIL Each area complying using the Complete Building or Area 140.6(c) or adjustments per 140.6(a) are being used. Unconditioned Spaces 01 Complete Build Area Description Restrooms/Mech Storage

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM This section does not apply to this project.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance



### CALIFORNIA ENERGY COMMISSION NRCC-LTI-E Report Page: (Page 4 of 7 1/24/2024 Date Prepared:

			2	
1	F	S	)	
			·	

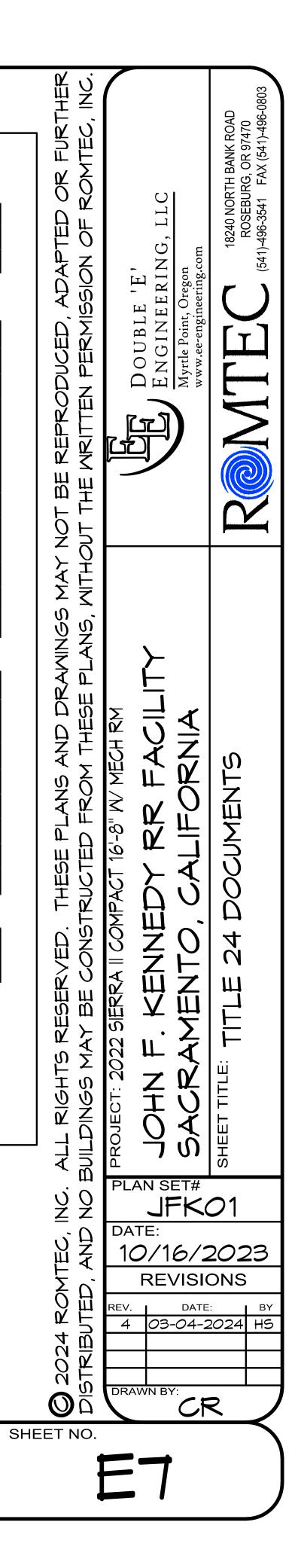
DING OR AREA CATEGORY METHODS									
a Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per									
02	03	04	05	06					
ling or Area Category Primary	Allowed Density	$\Lambda rop (ft^2)$	Allowed Wattage	Additional Allowance / Adjustment					

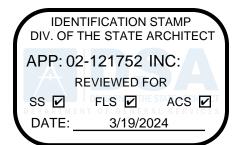
Function Area	(W/ft²)		(Watts)	Area Category	PAF
Restroom	0.65	222	144.3	No	No
	TOTALS:	222	144.3	See Tables J, (	or P for detail

Generated Date/Time:

Documentation Software: EnergyPro

Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: EnergyPro-3895-0124-1539 Report Generated: 2024-01-24 15:19:46





STATE OF CALIFORNIA Indoor Lighting

CERTIFICATE OF COMPLIANCE

Project Name: 2310-020 John F. Kennedy Restroom

Report Page: Date Prepared:

# 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 DECORATIVE /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.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS This section does not apply to this project.

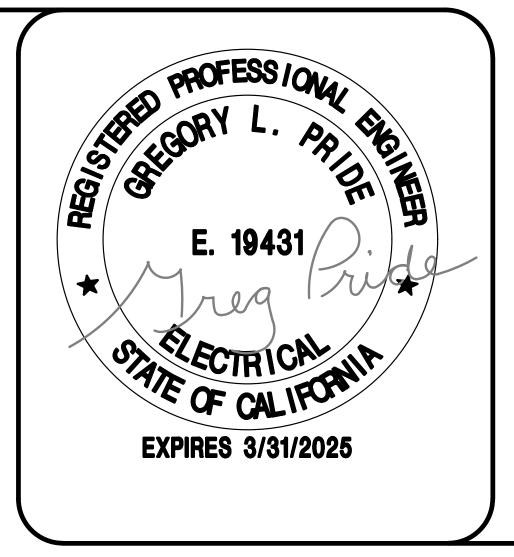
Generated Date/Time:

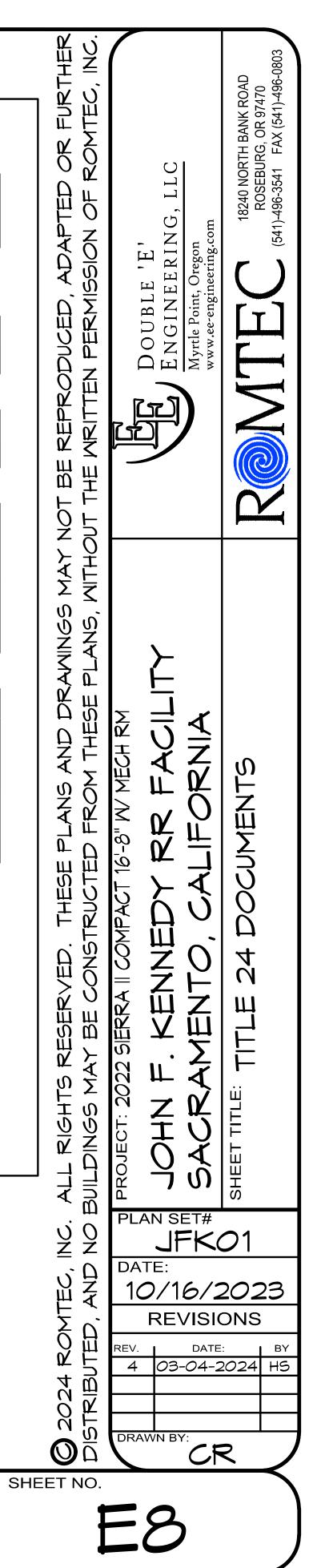
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

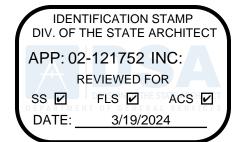
Report Version: 2022.0.000

Schema Version: rev 20220101

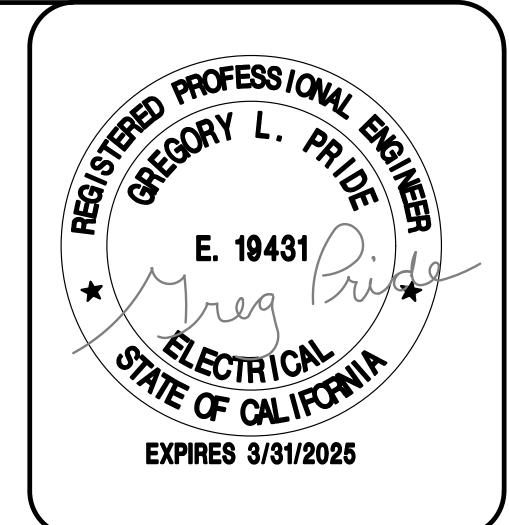
	STATE OF CALIFORNIA Indoor Lighting		
CALIFORNIA ENERGY COMMISSION			
NRCC-LTI-E	CERTIFICATE OF COMPLIANCE	Devert Perce	NRCC-LTI
(Page 5 of 7) 1/24/2024	Project Name: 2310-020 John F. Kennedy Restroom	Report Page: Date Prepared:	(Page 6 of 1/24/202
1/24/2024			I/ 24/ 20
	S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)		
	This section does not apply to this project.		
	T. DWELLING UNIT LIGHTING		
	This section does not apply to this project.		
	U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION		
	Selections have been made based on information provided in this document. If Additional Remarks. These documents must be provided to the building inspect		ant, an explanation should be included in Table E.
		Form/Title	
	NRCI-LTI-E - Must be submitted for all buildings		
	V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE		
	Selections have been made based on information provided in this document. If Additional Remarks. These documents must be provided to the building inspect Test Technician Certification Provider (ATTCP). For more information visit: http:/	or during construction and any with "-A" in the for	m name must be completed through an Acceptance
	Form/T		Systems/Spaces To Be Field Verified
	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.		Whole Building;

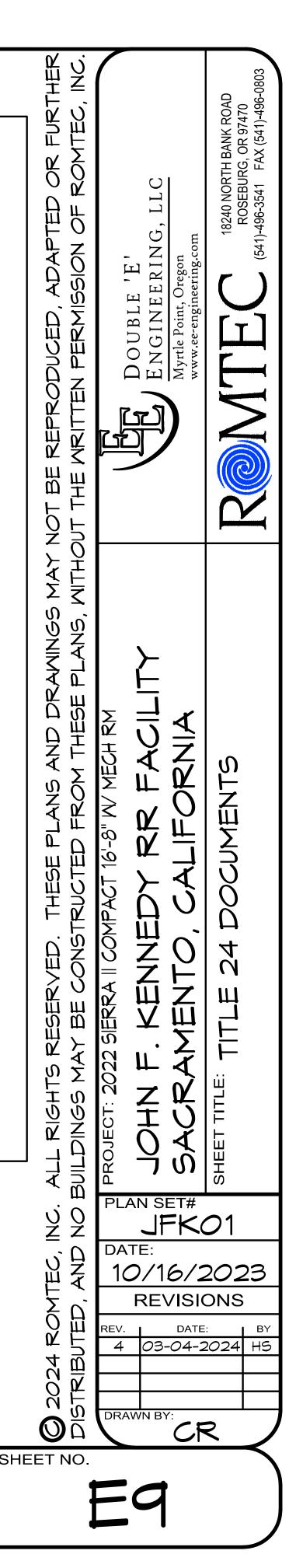


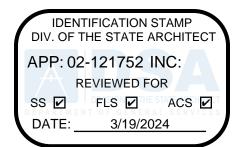




				STREED PROFESS/OWA E. 19431 * STREED PROFESS/OWA E. 19431	in a start of the
STATE OF CALIFORNIA			STATE OF CALIFORNIA		
Indoor Lighting CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION	Outdoor Lighting CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISSION NRCC-LTO-E
Project Name: 2310-020 John F. Kennedy Restroom	Report Page:	NRCC-LTI-E (Page 7 of 7)		uirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lightin	
Project Address:	6715 Gloria Dr. Date Prepared:	1/24/2024	nonresidential and hotel/motel occupancies. It is also used	to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a)	
				Incies. Multifamily includes dormitory and senior living facilities.	/Da 1 -6 -1
			Project Name: 2310-020 John F. Kennedy Restroom Project Address:	Report Page: 6715 Gloria Dr. Date Prepared:	(Page 1 of 7) 1/24/2024
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	ate and complete				4 - 1 - 3 - 7
I certify that this Certificate of Compliance documentation is accurate Documentation Author Name:	Documentation Author Signature:		A. GENERAL INFORMATION		
Matthew Weldon	Matthew Weldon		01 Project Location (city) Sacramento		
Company: Regerfour LLC dba 5 Star Energy	Signature Date: 01/24/2024		02 Climate Zone 12	04 Total Illuminated Hardscape Area (	(ft <sup>2</sup> ) 193
Address:	CEA/ HERS Certification Identification (if app	licable):	03 Outdoor Lighting Zone per Title 24 Part 1 10.114 or as	s designated by Authority Having Jurisdiction (AHJ):	
940 Merchant St.			LZ-0: Very Low - Undeveloped Parkland 🔲 LZ-2: N		CA Energy Commission for Approval
City/State/Zip: Redding Ca 96002	Phone: 530-275-3350			foderately High - Urban Areas	
RESPONSIBLE PERSON'S DECLARATION STATEMENT			O5 Occupancy Types within Project     Support Areas		
<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 response.</li> <li>The energy features and performance specifications, materials, components, and of Title 24, Part 1 and Part 6 of the California Code of Regulations.</li> <li>The building design features or system design features identified on this Certificate plans and specifications submitted to the enforcement agency for approval with the specifications. I understand that a completed signed copy of this Certificate of Compliance shall be inspections. I understand that a completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Compliance for the completed signed copy of this Certificate of Completed signed copy of the completed signe</li></ol>	manufactured devices for the building design or system design ide te of Compliance are consistent with the information provided on on his building permit application. The made available with the building permit(s) issued for the building	entified on this Certificate of Compliance conform to the requirements other applicable compliance documents, worksheets, calculations, g, and made available to the enforcement agency for all applicable	<b>B. PROJECT SCOPE</b> This table includes outdoor lighting systems that are within 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations. <b>My Project Consists of:</b>	n the scope of the permit application and are demonstrating compliance us	sing the prescriptive path outlined in 140.7 /
Responsible Designer Name: Grog Prido	Responsible Designer Signature:		01	02	
Greg Pride Company:	Date Signed:		New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6	
Double 'E' Engineering, LLC	2024-01-24		Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	Yes No
Address: 315 Ash Street	License: E19431		03 % of Evicting Luminairos Roing Altorod <sup>1</sup>	04 Sum Total of Luminaires Being Added or Altered	05 Calculation Method
City/State/Zip:	Phone:		% of Existing Luminaires Being Altered <sup>1</sup> $\Box < 10\%$ $\Box >= 10\%$ and $< 50\%$ $\Box >= 50\%$		
Myrtle Point Oregon 97458	541-2940-0587		Please proceed to Table F. Outdoor Lighting Fixture Sched		
			<sup>1</sup> FOOTNOTES: % of Existing Luminaires Being Altered = (Su	m Total of Luminaires Being Added or Altered / Existing Luminaires within	the Scope of the Permit Application) x 100.
	Generated Date/Time:	Documentation Software: EnergyPro		Generated Date/Time:	Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: EnergyPro-3895-0124-1539 Report Generated: 2024-01-24 15:19:46	CA Building Energy Efficiency Standards - 2022 Nonresidential Co	ompliance Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: EnergyPro-3895-0124-1538 Report Generated: 2024-01-24 15:19:45
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000	Compliance ID: EnergyPro-3895-0124-1539	CA Building Energy Efficiency Standards - 2022 Nonresidential Co	ompliance Report Version: 2022.0.000	Compliance ID: EnergyPro-3895-0







**Outdoor Lighting** CERTIFICATE OF COMPLIANCE

Project Name: 2310-020 John F. Kennedy Restroom

**Report Page:** Date Prepared:

#### C. COMPLIANCE RESULTS Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any ca to Table D. Exceptional Conditions for guidance or see applicable Table referenced below. Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv 04 01 02 03 05 06 General Existing Per Specific Per Sales Ornamental Power Hardscape Application Area 140.7(d)2 / Allowance Frontage Allowance 140.7(d)2/ 140.7(d)2/ 140.7(d)1, 140.7(d)2 170.2(e)6 141.0(b)2L/ 170.2(e)6 170.2(e)6 170.2(e)6 (See Table K) (See Table L) 180.2(b)4Bv (See Table J) (See Table M) (See Table I (See Table N)

266 OR + + ----Shielding Compliance (See Table G for Details) Controls Compliance (See Table H for Details)

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

### E. ADDITIONAL REMARKS

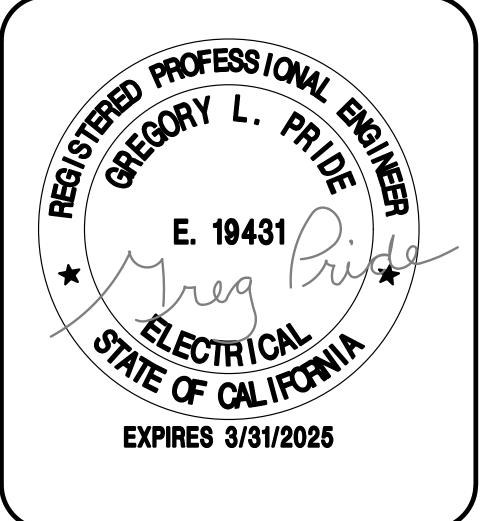
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

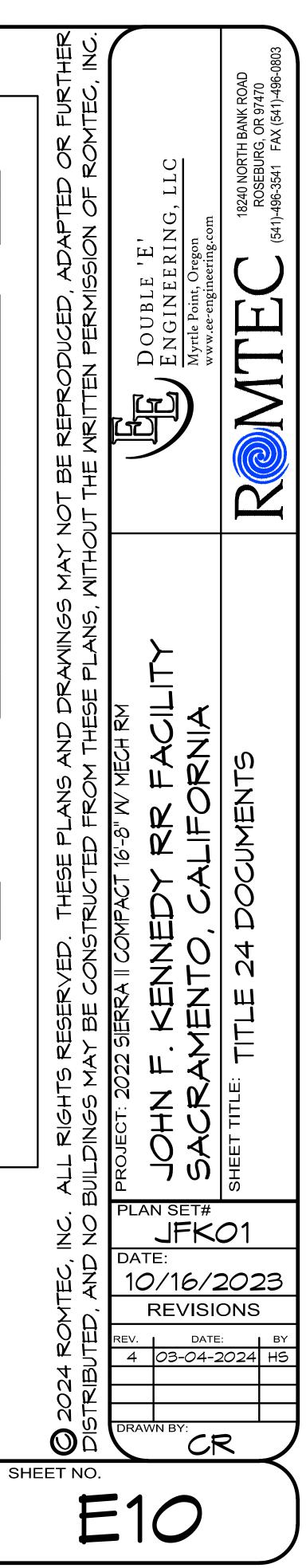
Generated Date/Time:

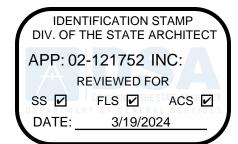
Report Version: 2022.0.000 Schema Version: rev 20220101

				NERGY COMMISSION	STATE OF CALIFOR Outdoor L								CALL	FORNIA ENERG		
			CALIFORNIA	NRCC-LTO-E	CERTIFICATE OF								CAL			CC-LTO-
				(Page 2 of 7)	Project Name:	2310-020 John F. Kennedy Restro	oom			Report Page:						ge 3 of 7
				1/24/2024						Date Prepared:						/24/202
										,						
					F. OUTDOOR	LIGHTING FIXTURE SCHEDU	LE									
						ered lighting systems demonstra										
:eil	on this table says "	COMP	LIES with Exception	nal Conditions" refer	-	rered by the permit application a replacement luminaires being ins								-		- <u>-</u>
T		Co	mpliance Results			ng attached to multifamily build.	•		•	• •			-			-
$\neg$	07		08	09	lighting is inclu	uded here.	-	-	_	_				-	_	
		1 1			Designed Wat	tage:										
					01	02		03	04	05	06	07	08	09	1	10
=	<b>Total Allowed</b> (Watts)	2	<b>Total Actual</b> (Watts)	07 must be >= 08	Name or Item	Complete Luminaire Des	scription	Watts per	How is Wattage	Total Number	Luminaire	Excluded per 140.7(a) /	Design Watts	Cutoff Req. > 6,200 initial lumen output	Insp	ield bector
_	266		36	COMPLIES	Tag			luminaire <sup>1, 2</sup>	determined	Luminaires <sup>2</sup>	Status <sup>3</sup>	170.2(e)6A		130.2(b) / 160.5(c)1 <sup>4</sup>	Pass	Fail
	200		50	N/A	LF-1	Lithonia OLLWD Wall Mount		9	Mfr. Spec	4	New		36	NA: < 6200		+-
				Not applicable		LED Lighting 9w (LF-1)			Will. Spec			   Design Watts:		lumens		
					* NOTES: Select	ions with a * require a note in the s	bace below expl	laining how comp	liance is achieved							
						lighting a statue; EXCEPTION 2 to 1	-	0								
ie f	prm.				2	uthority Having Jurisdiction may ask										-
						naires, wattage should be indicated or new luminaires in a new outdoor		-	-			-	•	last "Existing to P	Domain	
					-	naires within the project scope that		-						-		
					the project scope											
					<sup>≁</sup> Compliance wi	th mandatory shielding requirement	ts is required for	' luminaires with i	nitial lumen outpi	ut >= 6,200 unless	exempted by 13	0.2(b)/ 160.5(c)				
					G. SHIELDING	G REQUIREMENTS (BUG)										
					This section do	pes not apply to this project.										
			Documentation	n Software: EnergyPro					Generat	ed Date/Time:			Doc	umentation Soft	ware: En	ergyPr
		C		yPro-3895-0124-1538 : 2024-01-24 15:19:45	CA Building En	ergy Efficiency Standards - 2022 Nor	nresidential Con	npliance		/ersion: 2022.0.00 Version: rev 2022				e ID: EnergyPro-3 Generated: 2024		



$ \frac{1}{100} 1$										
Watts per luminaire1,2How is Wattage determinedTotal Number Luminaires2Luminaire Status3Excluded per 140.7(a) / 170.2(e)6ADesign Watts6,200 initial lumen output 130.2(b) / 160.5(c)14Inspectorar9Mfr. Spec4New□36NA: < 6200 lumens□□		03	04	05	06	07	08	09	1	C
IuminairedeterminedLuminairesStatus170.2(e)6A130.2(b) / 160.5(c)14PassFailar9Mfr. Spec4New $\Box$ 36NA: < 6200 lumens $\Box$ $\Box$					575		Design Watts	6,200 initial		
ar 9 Nifr. Spec 4 New L 36 lumens L L		luminaire <sup>1, 2</sup>		Luminaires <sup>2</sup>	Status <sup>3</sup>			130.2(b)/	Pass	Fail
Total Design Watts: 36	ar	9	Mfr. Spec	4	New		36			
				36						





#### **Outdoor Lighting** CEPTIEICATE OF COMPLIANCE

CERTIFICATE OF	COMPLIANCE	
Project Name:	2310-020 John F. Kennedy Restroom	Report Page:
		Date Prepared:

#### H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be inc the permit application.

Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings 03 01 02

Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Mo 130.2

<sup>1</sup>FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies <sup>2</sup>Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.

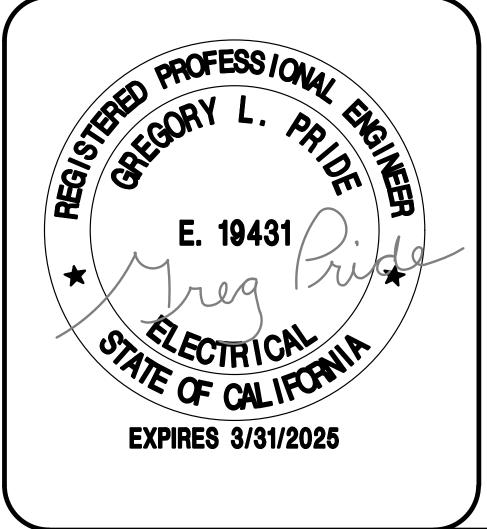
<sup>3</sup>Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted

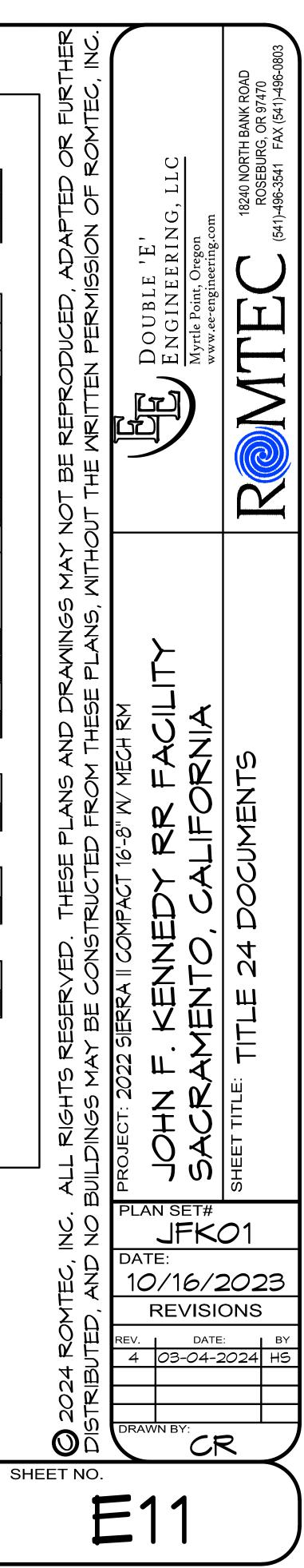
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

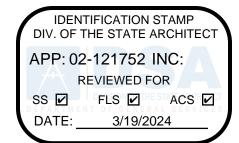
Generated Date/Time:

Report Version: 2022.0.000 Schema Version: rev 20220101

	CALIFORNIA ENE	RGY COMMISSION	Outdoor Li	ghting						CALIFORNIA ENE	
		NRCC-LTO-E	CERTIFICATE OF	OMPLIANCE							NRCC-LTC
		(Page 4 of 7)	Project Name:	2310-020 John F. Kennedy Restroom			Report Page:				(Page 5 of
		1/24/2024					Date Prepared:				1/24/20
			I. LIGHTING P	OWER ALLOWANCE (per 140.7 / 3	170.2(e))						
permit application. For	alteration projects, lum	inaires which are	This table inclu	les areas using allowance calculation	ns per 140.7 / 170.2(e	e). General			01		
uded in this table even i	if they are within the spa	aces covered by		vance is per Table 140.7-A/Table 170				"Use it or lose it	t" Allowance (select	all that apply) (sele	ct all that apply
be documented separation	tely from outdoor lightin		used to expand lose it" allowan Outdoor lightin dwelling unit ar	per Table 140.7-B /Table 170.2-S. Ind sections for user input. Luminaires th ces shall not qualify for another "Use g attached to multifamily buildings a e included in Table H. and are not ind is included here.	nat qualify for one of it or lose it" allowan nd controlled from th	the "Use it or nce. ne inside of a	⊠ General Hardscape Allowance Table I (below)	Per Application Table J	Sales Frontage Table K	□ Ornamental Table L	Per Specifi Area Table M
ion Sensor	Field In:	spector	Calculated Gen	eral Hardscape Lighting Power Allow	ance per Table 140.7-	-A for Nonresiden	tial & Hotel/Motel				
c)3 / 160.5(c)				02	03	04	05	06	07	08	09
b t	Pass	Fail			Area	Wattage Allowand	ce (AWA)	Line	ar Wattage Allowan	ce (LWA)	Total Genera
s listed.				Area Description	Illuminated Area (ft²)	Allowed Densit (W/ft <sup>2</sup> )	y Area Allowance (Watts)	Perimeter Leng (lf)	th Allowed Density (W/lf)	/ Linear Allowance (Watts)	AWA + LWA (Watts)
d from ii and iii.				Entrances Side Walk	193	0.021	4.1	60	0.2	12	16
								Initial Wat	tage Allowance for	Entire Site (Watts):	250
									f Initial Wattage Alle		
								Total	General Hardscape	Allowance (Watts):	266
			J. LIGHTING A	LLOWANCE: PER APPLICATION							
			This section doe	s not apply to this project.							
			K. LIGHTING A	LLOWANCE: SALES FRONTAGE							
				s not apply to this project.							
				LLOWANCE: ORNAMENTAL							
				s not apply to this project.							
	Documentation S	oftware: EnergyPro				Gener	ated Date/Time:			Documentation S	oftware: Energy
	Compliance ID: EnergyPi		CA Duilding Eng	gy Efficiency Standards - 2022 Nonreside	ntial Compliance		t Version: 2022.0.000		<u> </u>	ompliance ID: EnergyP	
		0-2022-0124-1230	CA DUIIUNIS ENE	gy LITICICULY SLATIVATUS - ZUZZ NUTTESIŪB	nuai compliance	nepul	L VEISIUIT. ZUZZ.U.UUU			A DURATICE D. ETTERVE	ししこつのフラニシレエムチョーニ







STATE OF CALIFORNIA **Outdoor Lighting** 

CERTIFICATE OF COMPLIANCE

Project Name: 2310-020 John F. Kennedy Restroom

Report Page: Date Prepared:

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only) This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by pern Additional Remarks. These documents must be provided to the building inspector during construction and can be found

Form/Title

NRCI-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE There are no NRCA forms required for this project.

Generated Date/Time:

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000 Schema Version: rev 20220101

	STATE OF CALIFORNIA		
CALIFORNIA ENERGY COMMISSION	Outdoor Lighting		CALIFORNIA ENERGY COMMISSION
NRCC-LTO-E			NRCC-LTO-E
(Page 6 of 7)	Project Name: 2310-020 John F. Kennedy Restroom	Report Page:	(Page 7 of 7)
1/24/2024	Project Address:	6715 Gloria Dr. Date Prepared:	1/24/2024
	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT		
		rate and complete	
	I certify that this Certificate of Compliance documentation is accu		
	Documentation Author Name: Matthew Weldon	Documentation Author Signature: Matthew Weldon	
	Company:	Signature Date:	
	Regerfour LLC dba 5 Star Energy	01/24/2024	
	Address:	CEA/ HERS Certification Identification (if applic	able):
	940 Merchant St.	Dhama.	
	City/State/Zip: Redding Ca 96002	Phone: 530-275-3350	
mit applicant, an explanation should be included in Table E.	RESPONSIBLE PERSON'S DECLARATION STATEMENT		
d online	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.	nonsibility for the building design or system design identified on this (	artificata of Compliance (reconneible decigner)
	<ol> <li>I am eligible under Division 3 of the Business and Professions Code to accept res</li> <li>The energy features and performance specifications, materials, components, and</li> </ol>		
	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 Certifications submitted to the enforcement agency for approval with		ier applicable compliance documents, worksneets, calculations,
	5. I will ensure that a completed signed copy of this Certificate of Compliance shall		
	inspections. I understand that a completed signed copy of this Certificate of Com Responsible Designer Name:	Responsible Designer Signature:	r provides to the building owner at occupancy.
	Greg Pride	Treg Prid	e
	Company:	Date Signed:	
	Double 'E' Engineering, LLC	2024-01-24	
	Address: 315 Ash Street	License: E19431	
	City/State/Zip:	Phone:	
	Myrtle Point Oregon 97458	541-2940-0587	
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