

NOTES (THIS SHEET ONLY):

1 PROVIDE METERING FACILITIES PER S.C.E. REQUIREMENTS.

MAIN CIRCUIT BREAKER SHALL BE 100% RATED ELECTRONIC TYPE, EQUIPPED WITH LONG-TIME, SHORT-TIME, INSTANTANEOUS-OFF TYPE AND GROUND FAULT TYPE CONFIGURATIONS WITH ENERGY REDUCTION MAINTENANCE SWITCH. MAIN CIRCUIT BREAKER SHALL ALSO BE EQUIPPED WITH A TRIP INDICATOR AND LOCAL CURRENT METER. SQUARE D #RK SERIES OR EQUAL.

3 1#3/0 TO GROUNDING ELECTRODE SYSTEM PER DETAIL #9/E5.2.

PROVIDE (3) 4" CONDUITS + (2) 1" CONDUITS FOR FUTURE SOLAR SYSTEM, TO BE VERIFIED WITH OWNER AND SOLAR CONTRACTOR. 

5) 1#6 TO GROUNDING ELECTRODE SYSTEM PER DETAIL #9/E5.2.

6 DISCONNECT AND REMOVE EXISTING MAIN SWITCHBOARD.

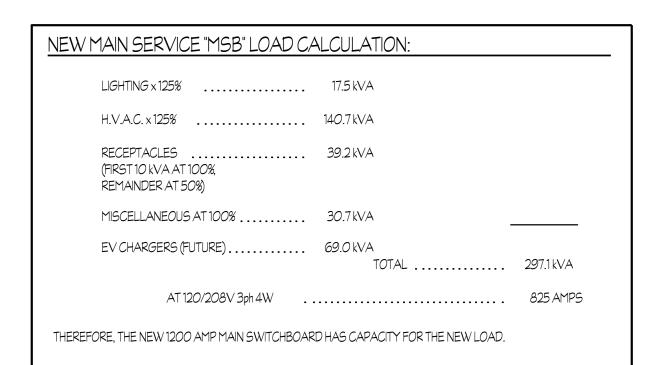
7 COORDINATE WITH UTILITY COMPANY FOR REMOVAL OF EXISTING MAIN FEED.

8 PROVIDE (2) 4" + (2) 21/2" SPARE CONDUITS TO PULL BOX SHOWN IN DETAIL #2/ES1.1.

9 REFER TO SHEET #E1.5 FOR ANNUNCIATOR LOCATION IN ROOM #244.

PROVIDE LUG CONNECTION POINT MINIMUM (4) PER PHASE FOR FUTURE SOLAR SYSTEM

ONE LINE DIAGRAM - DEMOLITION



NEW FEEDER SCHEDULE: ALL CONDUCTORS, INCLUDING THE EQUIPMENT GROUNDING CONDUCTOR, SHALL BE CU-THWN-2 FOR #8 AWG OR LARGER AND CU-THWN FOR #10 AWG OR SMALLER).  $\langle 20G1 \rangle$  1"C - 4 #12 + 1 #12 GND. (100GN) 2"C - 4 #2 + 1 #8 GND.

 $\langle 125GN \rangle 2"C - 4 #1 + 1 #6 GND.$ 

 $\langle 150GN \rangle$  21/2"C - 4 #1/O + 1 #6 GND.

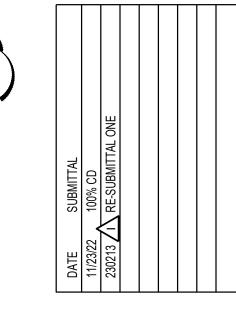
(200GN) 3"C-4#3/0+1#6GND. 2-1/2"C - 4 #4/O + 1 #4 GND.

400GN) 4"C - 4 #500 kcmil + 1 #2 GND.

FOUR SETS 3"C - 4 #350 + 1 #2/0 GND EACH.

1"C - GENERATOR START/STOP/COMM CABLES PER MANUFACTURER REQUIREMENTS.

1"C - GENERATOR COMM CABLES TO REMOTE ANNUNCIATOR PER MANUFACTURER REQUIREMENTS.



324 S SANTA FE

TEL: 559.802.3052

SUITE A VISALIA, CA 93292 WEB: 4-Creeks.com

APPROVED BY:

DATE SIGNATURE

NEW MAIN SERVICE BOARD "MSB" 120/208V, 3ph, 4W, 1200A 65 KAIC TO UTILITY FACILITIES METER/ UG/PS DISTRIBUTION SECTION AUX. SECTION MAIN ATS 10 125/3 225/3 100/3 225/3 100/3 100/3 60/2 1200/3 FUTURE SOLAR SPARE SPARE Х3 SPARE 4 GENERATOR BATTERY GENERATOR HEATER GENERATOR MISC. 200GN (125GN) FUTURE EV CHARGERS NEW PANEL "M2" NEW PANEL "MB" NEW PANEL "M1" GENERATOR REMOTE ANNUNCIATOR 1000/3

**(**100GN)

NEW PANEL "A2"

"B2"

Exp. 6/30/23 Rose Sing Eastham & Associates
Electrical Consultants 131 S. Dunworth - (559)733-2671 Visalia, California 93292-6705

DRW BY: KA CHK BY: SE PLOT DATE: 2/13/2023 JOB NO.: 21394 SCALE: AS NOTED

FILE NAME: E4.1.dwg

ONE LINE DIAGRAM E4.1

ONE LINE DIAGRAM - NEW

120/	/208V, 3	PH, 4 W	/						10K	BREAK	ER A.I.C		
225	A. BUSS	SING	225A M	AIN BKF	₹.				5 3/4"	MAX. E	NCL. DE	PTH	
42	CIRCUI	Т				F	PANE	L "A1"	SURF	MOUNT	TING PE	R #5/E5	.1
CKT	BKR		OAD: V.			_			1	OAD: V.	I .	BKR	Ŕ
-		A	В	С	DESCRIPT			DESCRIPTION	С	В	A 4000		+
1	20/1	640	540			RESTROOM		RECEPT - MDF RM. 213		1000	1000	20/1	2
3	20/1		540			OFFICE 2		RECEPT - MDF RM. 213	1000	1000		20/1	4
5	20/1			720		COPY 245		RECEPT - MDF RM. 213	1000			20/1	6
7	20/1	1000				COPY 245		RECEPT - COPY 211			1000	20/1	8
9	20/1		1440			CONTROL	LED	RECEPT - BREAK 214		720		20/1	10
11	20/1			1080	RECEPT -	BREAK		RECEPT - BREAK 214	1127			20/1	12
13	20/1	800			RECEPT -	BREAK		RECEPT - BREAK 214			1200	20/1	14
15	20/1		500		RECEPT -	IDF LAB		RECEPT - OFFICE 209A		720		20/1	16
17	20/1			540	RECEPT -	RECEPTION	NC	RECEPT - OFFICE 209B	720			20/1	18
19	20/1	360			RECEPT -	RECEPTION	ON	RECEPT - OFFICE 209B			720	20/1	20
21	20/1		540		RECEPT -	OFFICE 2	11	RECEPT - CONTROLLED		1440		20/1	22
23	20/1			720	RECEPT -	OFFICE 2	11	RECEPT - COPIER	180			20/1	24
25	20/1	540			RECEPT -	OFFICE 2	11	RECEPT - OFFICE 208			540	20/1	26
27	20/1		720		RECEPT -	OFFICE 2	11	RECEPT - OFFICE 202		540		20/1	28
29	20/1			900	RECEPT -	OFFICE 2	11	RECEPT - OFFICE 201	540			20/1	30
31	20/1	900			RECEPT -	CONTROL	LED	RECEPT - OFFICE 200			900	20/1	32
33	20/1		1260		RECEPT -	OFFICE 2	43	RECEPT - CONTROLLED		900		20/1	34
35	20/1			720	RECEPT -	CONF. 20	6	RECEPT - REST 207	560			20/1	36
37	100/3	5220			PANEL A2			RECEPT-RM 242			540	20/1	38
39			5140		1			RECEPT-RM 211 TV		180		20/1	40
41				5580	1			RECEPT - CONTROLLED	720			20/1	42
LOA	D SUMN	MARY			Α	В	С						
COI	NECTE	D LOAD	) (VA) :		15360	15640	15107	TOTAL CALCULATED					
25%	LCL/LN	1L (VA) :			0	0	0	LOAD FOR PANEL:					
тот	AL LOA	D (VA) :			15360	15640	15107	46107 VA					
тот	AL LOA	D (AMP	S) :		128.0	130.3	125.9						
								ı					

		PH, 4 W	1						10K	_	ER A.I.C		
	A. BUS		225A M	AIN BKF	₹.	_			5 3/4"	_			
42	CIRCUI	Τ				ŀ	PANE	L "B1"	SURF	MOUNT	ING PE	R #5/E5	.1
CKT	BKR	A	OAD: V.	А. I с	DESCRIPT	ION		DESCRIPTION	C	.OAD: V	A.   A	BKR	SKT.
1	20/1	900			RECEPT-C		4	FIRE ALARM PANEL			500	20/1	2
3	20/1		1080		RECEPT-C	FFICE 14	5	LIGHTING CONTROLLER		500		20/1	4
5	20/1			720	RECEPT-C	FFICE 14	6	MECH CONTROLLER	500			20/1	6
7	20/1	1440			RECEPT-C	ONTROLI	LED	RECEPT-OFFICE/COUNTER			900	20/1	8
9	20/1		720		RECEPT-C	FFICE 14	7	RECEPT-OFFICE 157		900		20/1	10
11	20/1			720	RECEPT-C	FFICE 14	8	RECEPT-CONTROLLED	1080			20/1	12
13	20/1	720			RECEPT-C	FFICE 14	9	RECEPT-RM 102			360	20/1	14
15	20/1		1080		RECEPT-C	ONTROLI	LED	RECEPT-RM 102		360		20/1	16
17	20/1			900	RECEPT-C	FFICE 15	0	RECEPT - RM 101, 102, 104	540			20/1	18
19	20/1	900			RECEPT-C	FFICE 15	1	RECEPT-CONF 158, 140			1080	20/1	20
21	20/1		900		RECEPT-C	ONTROLI	LED	RECEPT-CONF 158		720		20/1	22
23	20/1			720	RECEPT-C	FFICE 14	0	RECEPT-COFFEE BAR	1000			20/1	24
25	20/1	1080			RECEPT-H	IALL		RECEPT-COFFEE BAR			1000	20/1	26
27	20/1		1000		RECEPT-C	OPY MAC	CHINE	RECEPT-COFFEE BAR		1000		20/1	28
29	20/1			360	RECEPT-L	ACTATIO	N 154	RECEPT-COFFEE BAR	1000			20/1	30
31	20/1	720			RECEPT-C	FFICE 15	5	RECEPT-COFFEE BAR			1000	20/1	32
33	20/1		720		RECEPT-C	FFICE 15	5	RECEPT-RM 101		1000		20/1	34
35	20/1			360	RECEPT-C	FFICE 15	5	RECEPT-RM 101	540			20/1	36
37	20/1	6871			PANEL B2			PANEL B3			5000	100/3	38
39	20/1		6530							5000			40
41	20/1			4031					5000				42
LOA	D SUMI	MARY			Α	В	С						
CON	INECTE	D LOAD	(VA) :		22471	21510	17471	TOTAL CALCULATED					
25%	LCL/LN	/IL (VA) :			0	0	0	LOAD FOR PANEL:					
ТОТ	AL LOA	.D (VA) :			22471	21510	17471	61453 VA					
ТОТ	AL LOA	D (AMPS	S):		187.3	179.3	145.6						

120/	208V, 3	PH, 4 W	1						10K	BREAK	ER A.I.C	<b>)</b> .	
100	A. BUS	SING	MLO M	AIN BKF	₹.				5 3/4"	MAX. E	NCL. DE	EPTH	
42	CIRCU	IT				F	PANE	L "B3"	SURF	_MOUNT	ΓING PE	R #5/E5	.1
t	BKR	L	OAD: V.	A.						OAD: V.	A.	BK R	Τŧ
S T		Α	В	С	DESCRIPT	ION		DESCRIPTION	С	В	A	<u> </u>	7
1	20/1				SPARE			SPARE				20/1	2
3	20/1				SPARE			SPARE				20/1	4
5	20/1				SPARE			SPARE				20/1	(
7	20/1				SPARE			SPARE				20/1	8
9	20/1				SPARE			SPARE				20/1	1
11	20/1				SPARE			SPARE				20/1	1
13	20/1				SPARE			SPARE				20/1	1
15	20/1				SPARE			SPARE				20/1	1
17	20/1				SPARE			SPARE				20/1	1
19	20/1				SPARE			SPARE				20/1	2
21	20/1				SPARE			SPARE				20/1	2
23	20/1				SPARE			SPARE				20/1	2
25					SPACE			SPACE					2
27					SPACE			SPACE					2
29					SPACE			SPACE					3
31					SPACE			SPACE					3
33					00405			00405					3
35					SPACE			SPACE					3
37		5000											3
39			5000		SPACE			SPACE				1	4
41				5000	1							1	4
LOA	D SUM	MARY			А	В	С				•	•	
CON	NECTE	D LOAD	(VA) :		5000	5000	5000	TOTAL CALCULATED					
25%	LCL/LN	ЛL (VA) :			0	0	0	LOAD FOR PANEL:					
тот	AL LOA	D (VA) :			5000	5000	5000	15000 VA					
TOT	AL LOA	D (AMP	S):		41.7	41.7	41.7						

R A.I.C			
ICL. DE			4CRE
NG PE	R #5/E5	.1	TOKE
١.	<u> </u>	Ι –	324 S SANTA FE
. А	BKR	CKT	SUITE A VISALIA, CA 93292
	20/1	2	WEB: 4-Creeks.com
	20/1	4	TEL: 559.802.3052
	20/1	6	
	20/1	8	
	20/1	10	
	20/1	12	
	20/1	14	
	20/1	16	
	20/1	18	
	20/1	20	
	20/1	22	
	20/1	24	
		26	
		28	
		30	
		32	
		34	
		36	
		38	
		40	
		42	
			UBMITTAL 00% CD E-SUBMITTAL ONE
			UBMITTAL 00% CD E-SUBMITT
			, 108N 000% RE-SI

APPROVED BY:

DATE SIGNATURE

1.01	ZUÖV, 3	141, 4 W	7						10K	BREAK	ER A.I.C	).	
100	A. BUS	SING	MLO M	AIN BKF	₹.				5 3/4"	MAX. E	NCL. DE	PTH	
42	CIRCUI	IT				F	PANE	L "A2"	SURF	_MOUN1	ING PE	R #5/E5	.1
CKT	BKR	L	OAD: V.						1	.OAD: V.		BKR	CK1
		A	В	С	DESCRIPT			DESCRIPTION	С	В	A	1	<del>                                     </del>
1	20/1	720			RECEPT -			RECEPT - CONF. 241			360	20/1	2
3	20/1		900		RECEPT -	OFFICE 2	50	RECEPT - CONF. 241		360		20/1	4
5	20/1			900	RECEPT -	COPY 251		RECEPT - CONF. 241, 204	720			20/1	6
7	20/1	1080			RECEPT -	CONTRO	LED	RECEPT - CONF. 241		720	20/1	8	
9	20/1		540		RECEPT -	OFFICE 2	52	RECEPT - CONF. 241		720		20/1	10
11	20/1			1080	RECEPT -	CONTRO	LED	RECEPT - CONF. 241	180			20/1	12
13	20/1	900			RECEPT -	CONF. 25	3	RECEPT - CONF. 241			360	20/1	14
15	20/1		900		RECEPT -	CONF. 25	3	SPARE				20/1	16
17	20/1			1080	RECEPT -	CONF. 25	3	SPARE				20/1	18
19	20/1	1080			RECEPT -	OPEN 240	)	SPARE				20/1	20
21	20/1		900		RECEPT -	OFFICE 2	56	SPARE				20/1	22
23	20/1			900	RECEPT -	OFFICE 2	55	SPARE				20/1	24
25	20/1				SPARE			SPARE				20/1	26
27	20/1		820		RECEPT -	RESTROOM	216/217	SPARE				20/1	28
29	20/1			720	RECEPT -	CONTROL	LED	SPARE				20/1	30
31	20/1				SPARE			SPARE				20/1	32
33													34
35					SPACE			SPACE					36
37													38
39					SPACE			SPACE				1	40
41					-							1	42
LOA	D SUMI	MARY	l		A	В	С			_	l	<u> </u>	1
		D LOAD	(VA) :		5220	5140	5580	TOTAL CALCULATED					
		/IL (VA) :			0	0	0	LOAD FOR PANEL:					
		D (VA) :			5220	5140	5580	15940 VA					
		D (AMPS			43.5	42.8	46.5						

100	A. BUS	SING	MLO M	AIN BKF	₹.				5 3/4"	MAX. E	NCL. DE	PTH	
42	CIRCU	Т				F	PANE	L "B2"	SURF	MOUNT	ΓING PE	R #5/E5	.1
CKT	BKR	A	OAD: V.	А. I с	DESCRIPT	ION		DESCRIPTION	C	.OAD: V. I в	А.   а	BKR	KT TX
1	20/1	760			LIGHTS - B		Т	LIGHTS - FIRST FLOOR	<del>                                     </del>		885	20/1	2
3	20/1		890		LIGHTS - B	ASEMEN	Т	LIGHTS - FIRST FLOOR		730		20/1	4
5	20/1			725	LIGHTS - B	ASEMEN <sup>1</sup>	Т	LIGHTS - FIRST FLOOR	640			20/1	6
7	20/1	1725			LIGHTS - B	ASEMEN <sup>1</sup>	Т	LIGHTS - FIRST FLOOR			800	20/1	8
9	20/1		1155		LIGHTS - B	ASEMEN <sup>1</sup>	Т	LIGHTS - FIRST FLOOR		580		20/1	10
11	20/1				SPARE			LIGHTS - FIRST FLOOR	420			20/1	12
13	20/1	500			LIGHTS - E	XTERIOR		LIGHTS - FIRST FLOOR			737	20/1	14
15	20/2		925		LIGHTS - P	ARKING		LIGHTS - FIRST FLOOR		944		20/1	16
17				925				LIGHTS - FIRST FLOOR	515			20/1	18
19	20/1	90			LIGHTS - E	XTERIOR	1	SPARE				20/1	20
21	20/1				SPARE			SPARE				20/1	22
23	20/1				SPARE			SPARE				20/1	24
25					SPACE			SPACE					26
27					SPACE			SPACE					28
29					SPACE			SPACE					30
31					SPACE			SPACE					32
33					SPACE			SPACE					34
35					SPACE			SPACE					36
37					SPACE			SPACE					38
39					SPACE			SPACE					40
41					SPACE			SPACE					42
LOA	D SUMI	MARY			А	В	С			_			
CON	NECTE	D LOAD	(VA) :		5497	5224	3225	TOTAL CALCULATED					
25%	LCL/LN	/IL (VA) :			1374	1306	806	LOAD FOR PANEL:					
тот	AL LOA	D (VA) :			6871	6530	4031	17433 VA					
тот	AL LOA	D (AMP	S):		57.3	54.4	33.6						

CITY OF TULARE
DOWNTOWN REVITALIZATION
425 E KERN AVE

Rose Sing Eastham & Associates

Electrical Consultants

131 S. Dunworth – (559)733–2671

Visalia, California 93292–6705

PLOT DATE: 2/13/2023

JOB NO.: 21394

SCALE: AS NOTED

FILE NAME: E4.2.dwg

PANEL SCHED

PANEL SCHEDULES
E4.2

DRW BY: KA CHK BY: SE

1     20/1     180       3     20/1     180       5     20/1     180       7     20/1     180       9     20/1     1200       11     20/1     1200       13     20/1     1200       15     20/1     1200	CKT	BKR	A	OAD: V./   в	А.   с
5   20/1   180   1200   1200   11   20/1   1200   1200   13   20/1   1200   1200   15   20/1   1200					
7 20/1 180	3	20/1		180	
9 20/1 1200  11 20/1 1200  13 20/1 1200  15 20/1 1200  17 20/1 1200  21 20/1 1200  21 20/1 180  23 20/1 180  27 20/1 180  29 20/1 180  31 20/1 33 20/1 35 20/1 35 20/1 37 39 41 LOAD SUMMARY  CONNECTED LOAD (VA):  TOTAL LOAD (VA):	5	20/1			180
11   20/1   1200   1200   15   20/1   1200   1200   17   20/1   1200   1200   19   20/1   1200   180   23   20/1   180   25   20/1   180   27   20/1   180   29   20/1   180   29   20/1   180   31   20/1   33   20/1   35   20/1   37   39   41   LOAD SUMMARY   CONNECTED LOAD (VA) : TOTAL LOAD (VA) :	7	20/1	180		
13	9	20/1		1200	
15	11	20/1			1200
17 20/1 1200 19 20/1 1200 21 20/1 180 23 20/1 180 25 20/1 180 27 20/1 180 29 20/1 180 31 20/1 33 20/1 35 20/1 37 39 41 LOAD SUMMARY CONNECTED LOAD (VA): 25% LCL/LML (VA): TOTAL LOAD (VA):	13	20/1	1200		
19 20/1 1200   180   23 20/1   180   25 20/1 180   27 20/1   180   29 20/1   180   31 20/1   33 20/1   35 20/1   37   39   41   LOAD SUMMARY   CONNECTED LOAD (VA) : TOTAL LOAD (VA) :	15	20/1		1200	
21 20/1 180 23 20/1 180 25 20/1 180 27 20/1 180 29 20/1 180 31 20/1 180 33 20/1 35 20/1 37 39 41 LOAD SUMMARY CONNECTED LOAD (VA): 25% LCL/LML (VA): TOTAL LOAD (VA):	17	20/1			1200
23 20/1 180 25 20/1 180 27 20/1 180 29 20/1 180 31 20/1 33 20/1 35 20/1 37 39 41 LOAD SUMMARY  CONNECTED LOAD (VA):  TOTAL LOAD (VA):	19	20/1	1200		
25 20/1 180 27 20/1 180 29 20/1 180 31 20/1 33 20/1 35 20/1 37 39 41 LOAD SUMMARY CONNECTED LOAD (VA): TOTAL LOAD (VA):	21	20/1		180	
27 20/1 180 29 20/1 180 31 20/1 33 20/1 35 20/1 37 39 41 LOAD SUMMARY CONNECTED LOAD (VA): 25% LCL/LML (VA): TOTAL LOAD (VA):	23	20/1			180
29 20/1 180 31 20/1 33 20/1 35 20/1 37 39 41 LOAD SUMMARY CONNECTED LOAD (VA): 25% LCL/LML (VA): TOTAL LOAD (VA):	25	20/1	180		
31 20/1 33 20/1 35 20/1 37 39 41 LOAD SUMMARY CONNECTED LOAD (VA):  25% LCL/LML (VA):  TOTAL LOAD (VA):	27	20/1		180	
33 20/1 35 20/1 37 39 41 LOAD SUMMARY CONNECTED LOAD (VA):  25% LCL/LML (VA):  TOTAL LOAD (VA):	29	20/1			180
35 20/1 37 39 41 LOAD SUMMARY CONNECTED LOAD (VA):  25% LCL/LML (VA):  TOTAL LOAD (VA):	31	20/1			
37 39 41 LOAD SUMMARY CONNECTED LOAD (VA): 25% LCL/LML (VA): TOTAL LOAD (VA):	33	20/1			
39 41 LOAD SUMMARY CONNECTED LOAD (VA): 25% LCL/LML (VA): TOTAL LOAD (VA):	35	20/1			
LOAD SUMMARY CONNECTED LOAD (VA): 25% LCL/LML (VA): TOTAL LOAD (VA):	37				
LOAD SUMMARY  CONNECTED LOAD (VA):  25% LCL/LML (VA):  TOTAL LOAD (VA):	39				
CONNECTED LOAD (VA) : 25% LCL/LML (VA) : TOTAL LOAD (VA) :	41				-
25% LCL/LML (VA) : TOTAL LOAD (VA) :	LOA	D SUM	MARY		
TOTAL LOAD (VA) :	CON	NECTE	D LOAD	(VA) :	
	25%	LCL/LN	/IL (VA) :		
TOTAL LOAD (AMPS) :	тот	AL LOA	D (VA) :		
	тот	AL LOA	D (AMP	S):	

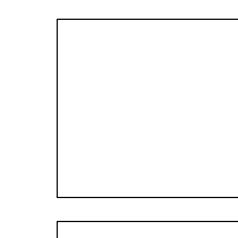
					10K	BREAK	ER A.I.C	;.			120/	208V, 3	PH, 4 W	1					
BŁ	R.				5 3/4"	MAX. E	NCL. DE	PTH			400 /	A. BUSS	SING	MLO MA	AIN BKF	₹.			
		F	PANE	L "MB"	SURF	MOUNT	TING PE	R #5/E5	.3		42	CIRCUI	Т				F	PANE	L "M1"
	1				NEMA 3						<u> </u>			0.4.5. 1.7					_
;	DESCRIPT	ΓΙΟΝ		DESCRIPTION	l c L	OAD: V   в	A.   A	BKR	CKT		윉	BKR	A	OAD: V./ B		DESCRIPT	ION		DESCRIPTION
	RECEPT			LIGHTS			360	20/1	2		1		5520						
	RECEPT			LIGHTS - EXTERIOR		130		20/1	4		3	50/3		5520		ODU 1.1			ODU 2.1
0	RECEPT			SPARE				20/1	6	_	5				5520	1			
	RECEPT						1200	30/2	8	(1)	7		8400						
	RECEPT-0	CHARGER		RECEPT-COMPRESSER		1200			10	1	9	80/3		8400		ODU 1.2			ODU 2.2
00	RECEPT-0	CHARGER		DECEDT COMPDESSED	1200			30/2	12	(1)	11				8400	1			
	RECEPT-0	CHARGER		RECEPT-COMPRESSER			1200		14		13		5520						RECEPT - ROOF
	RECEPT-0	CHARGER		RECEPT		180		20/1	16		15	50/3		5520		ODU 3.1			EXHAUST FAN
00	RECEPT-0	CHARGER		RECEPT	180			20/1	18		17				5520	1			SPARE
	RECEPT-0	CHARGER		RECEPT			180	20/1	20		19		5520						SPACE
	RECEPT			EXHAUST FANS		1000		20/1	22		21	50/3		5520		ODU 3.2			SPACE
0	RECEPT			SPARE				20/1	24		23				5520	]			SPACE
	RECEPT			SPARE				20/1	26		25					SPACE			SPACE
	RECEPT			SPARE				20/1	28		27					SPACE			SPACE
0	RECEPT			SPARE				20/1	30		29					SPACE			SPACE
	SPARE			SPARE				20/1	32		31					SPACE			SPACE
	SPARE			SPARE				20/1	34		33					SPACE			SPACE
	SPARE			SPARE				20/1	36		35					SPACE			SPACE
	SPACE			SPACE					38		37					SPACE			SPACE
	SPACE			SPACE					40		39					SPACE			SPACE
	SPACE			SPACE					42		41					SPACE			SPACE
	А	В	С								LOA	D SUMI	MARY			A	В	С	
	5880	5450	4320	TOTAL CALCULATED							CON	INECTE	D LOAD	(VA):		36540	36200	36000	TOTAL CALCULATED
	90	33	0	LOAD FOR PANEL:							25%	LCL/LM	1L (VA) :			1380	1380	1380	LOAD FOR PANEL:
	5970	5483	4320	15773 VA							тот	AL LOA	D (VA) :			37920	37580	37380	112880 VA
	49.8	45.7	36.0								TOT	AL LOA	D (AMPS	 S):		316.0	313.2	311.5	

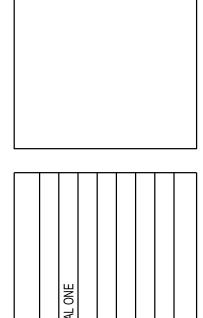
		PH, 4 W		A 18 1 F- 2-	_				22K	-	ER A.I.C		
	A. BUSS		MLO M	AIN BKF	₹.	_		I UN 4.4.U		_	NCL. DE		
42	CIRCUI	Т				F	ANE	L "M1"	SURF	MOUN1	TING PE	R #5/E5	5.1
KT T	BK R		OAD: V.						I	OAD: V.		X X	\ \{\frac{1}{6}}
	苗	A	В	С	DESCRIPTI	ON		DESCRIPTION	С	В	A	<u> </u>	+
1	50/0	5520			-			001104		5500	5520	50/0	2
3	50/3		5520	5500	ODU 1.1			ODU 2.1	5500	5520		50/3	Ľ
5		0.400		5520					5520		5500		1
7	00/0	8400	0400		-			ODU 0 0		5500	5520	50/0	8
9	80/3		8400	0.400	ODU 1.2			ODU 2.2	5500	5520		50/3	1
11		5500		8400				DECEDT DOOF	5520		540	00/4	1:
13	50/0	5520	5500		001104			RECEPT - ROOF		000	540	20/1	1.
15	50/3		5520	5500	ODU 3.1			EXHAUST FAN		200		20/1	1
17				5520				SPARE				20/1	1
19	E0/2	5520	5500					SPACE				_	2
21	50/3		5520	5500	ODU 3.2			SPACE					2:
23				5520	00405			SPACE				_	2
25					SPACE			SPACE					2
27					SPACE			SPACE				_	2
29					SPACE			SPACE					3
31					SPACE			SPACE				-	3
33 35					SPACE SPACE			SPACE SPACE					3
													$\vdash$
37 39					SPACE			SPACE SPACE					4
41					SPACE			SPACE				_	4
	L ND SUMI	MADV			A	В	С	OI AGE					
	NNECTE		· (\/Δ) ·		36540	36200	36000	TOTAL CALCULATED					
	LCL/LM				1380	1380	1380	LOAD FOR PANEL:					
	AL LOA				37920	37580	37380	112880 VA					
	AL LOA				316.0	313.2	311.5						

	208V, 3									BREAK			
	A. BUSS		MLO. M	AIN BK	R.	г		L "M2"		MAX. EI			1
+∠	CIRCUI	1				-	MINE	∟ IVI∠	SUKF	_MOUNT	ING PE	r #3/E3	. 1
CKT	BKR		OAD: V./		DECORIET	ION		DESCRIPTION	I	OAD: V./		BKR	CKT
1	<u> </u>	A 1127	В	С	DESCRIPT STORM LIF		)N 1	DESCRIPTION SPACE	C	В	A		2
3	20/1	1127	1127		STORM LIF			ELEVATOR MOTOR		2080		30/2	4
5	20/2		1127	920	SEWER LIF				2080	2000		1 00/2	6
7		920			SPARE			ELEVATOR LIGHTS			500	20/1	8
9	20/1				SPARE			WATER HEATER "A"		500		20/1	10
11	20/1				SPARE			WATER HEATER "B"	500			20/1	12
13	20/2	750			GATE 1			SPARE				20/1	14
15			750		1							30/2	16
17	20/2			750	GATE 2			-208V RECEPT RM 101				1	18
19		750			1						845		20
21	20/2		750		GATE 3			FC - 2.1, 2.2		845		15/2	22
23				750	1			50.00.04	1040			45/0	24
25	15/2	1170			FO 44 4	0.40		FC - 2.3, 2.4			1040	15/2	26
27			1170		FC - 1.1, 1.	2, 1.3		FO. 25		1009		45/0	28
29	15/0			651	FC 15 1	6		-FC - 2.5	1009			15/2	30
31	15/2	651			FC - 1.5, 1.	0		FC 26 27			845	15/0	32
33	15/2		934		EC 171	9 1 O		-FC - 2.6, 2.7		845		15/2	34
35	13/2			934	FC - 1.7, 1.	U, 1.J		-FC - 2.8, 2.9	609			15/2	36
37	15/2	884			DOAS - 1			7.0, 2.0,			609	13/2	38
39	10/2		884		50,10 - 1			FC - 2.10, 2.11		1040		15/2	40
41					SPACE			2.10, 2.11	1040			15,2	42
LOA	D SUM	MARY			A	В	С						
CON	NECTE	D LOAD	(VA) :		10091	11934	10283	TOTAL CALCULATED					
25%	LCL/LM	1L (VA) :			0	0	0	LOAD FOR PANEL:					
тот	AL LOA	D (VA) :			10091	11934	10283	32308 VA					
TOT	AL LOA	D (AMP	S):		84.1	99.5	85.7						



324 S SANTA FE SUITE A VISALIA, CA 93292 WEB: 4-Creeks.com TEL: 559.802.3052



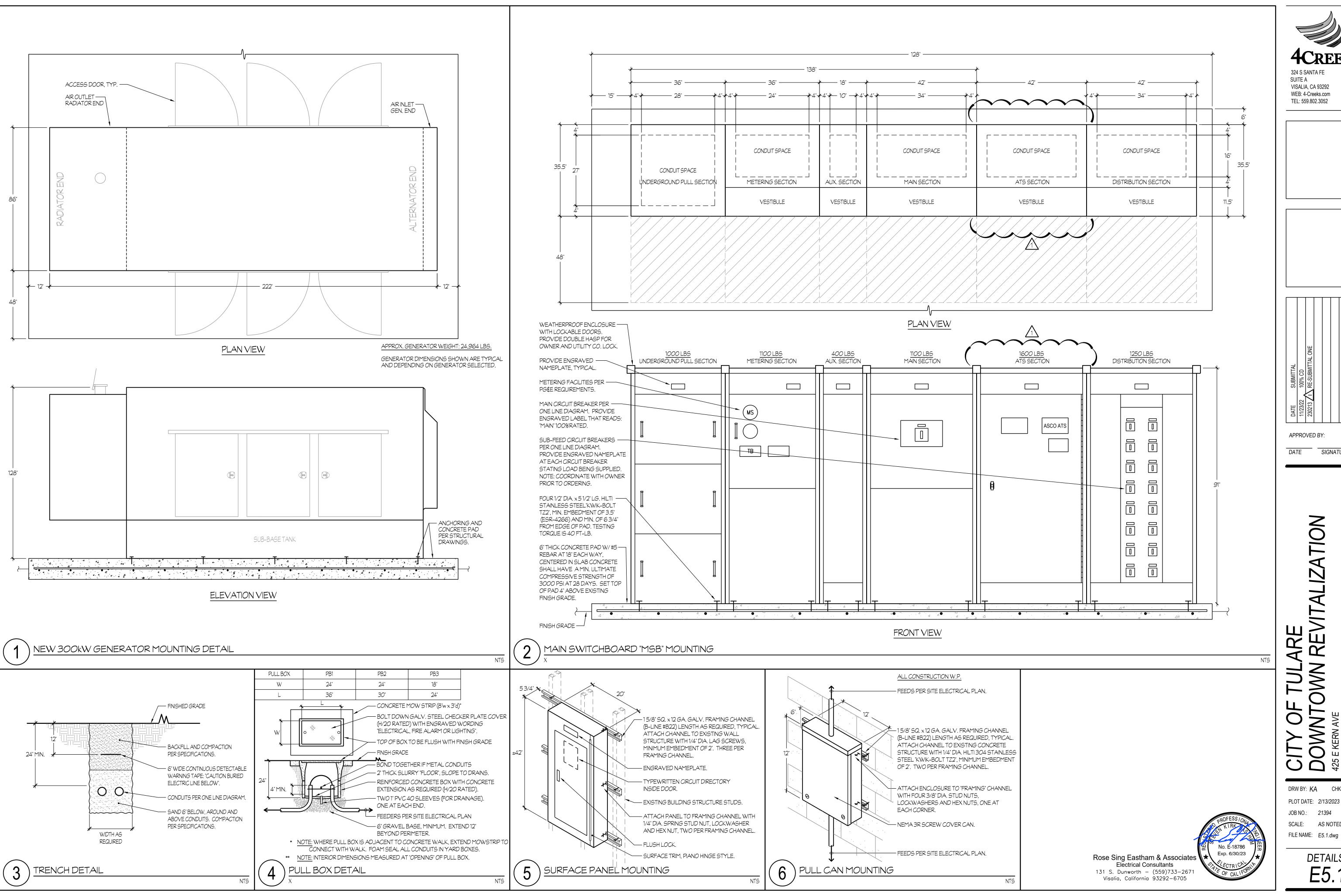


APPROVED BY:

DATE SIGNATURE

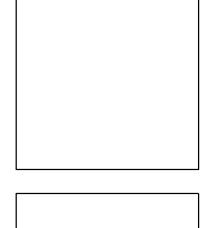
DRW BY: KA CHK BY: SE PLOT DATE: 2/13/2023 JOB NO.: 21394 SCALE: AS NOTED FILE NAME: E4.3.dwg

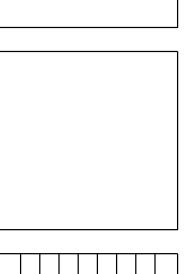
PANEL SCHEDULES **E4.3** 

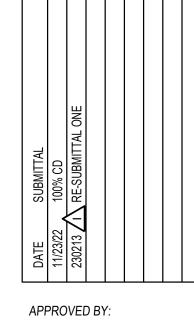




VISALIA, CA 93292 WEB: 4-Creeks.com TEL: 559.802.3052





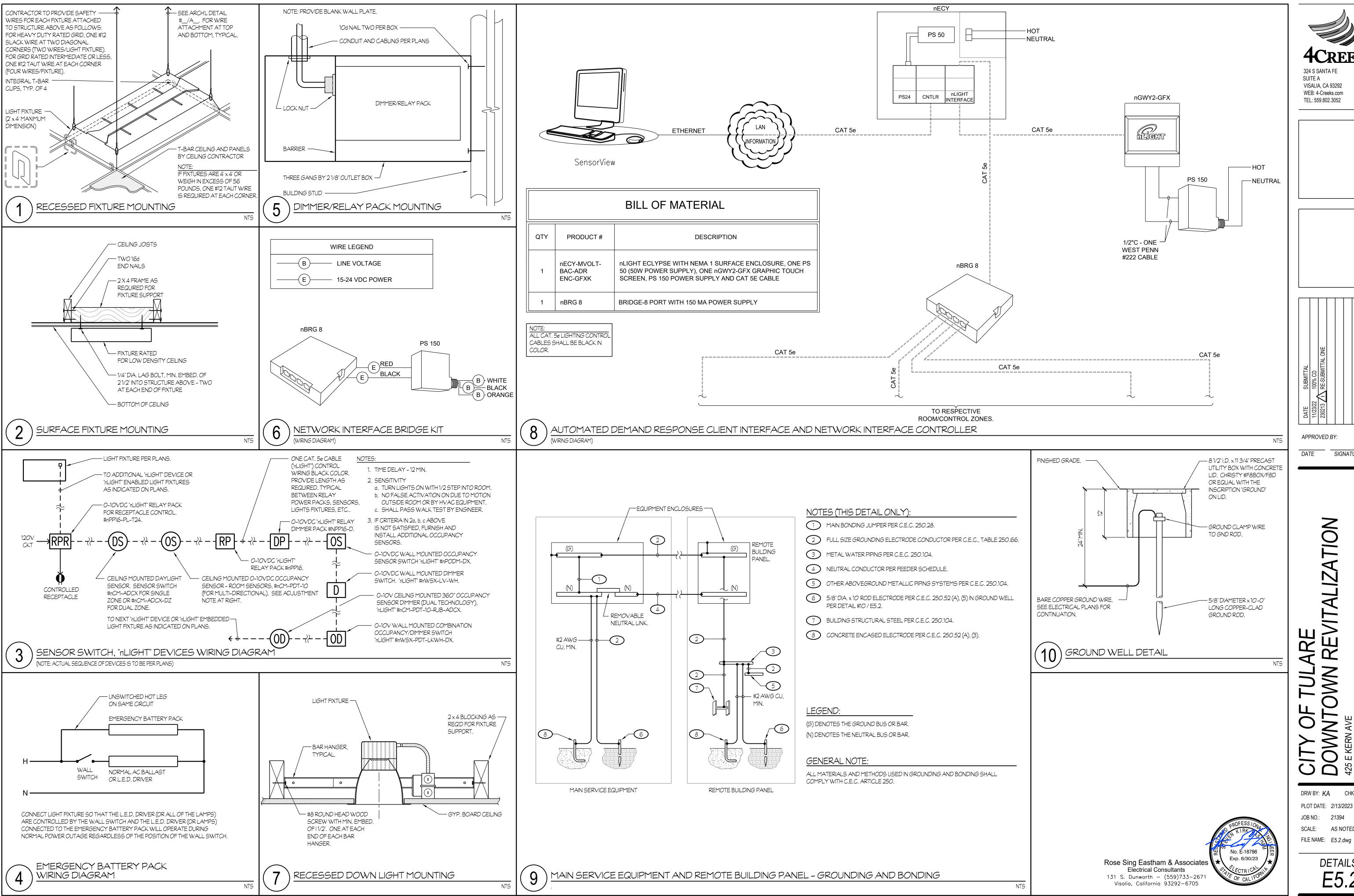


DATE SIGNATURE

ARE RE

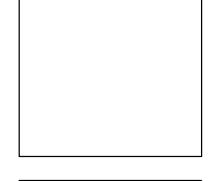
DRW BY: KA CHK BY: SE PLOT DATE: 2/13/2023 JOB NO.: 21394 SCALE: AS NOTED

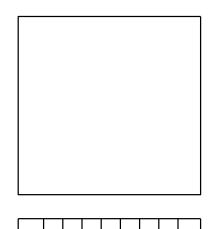
> **DETAILS** E5.1

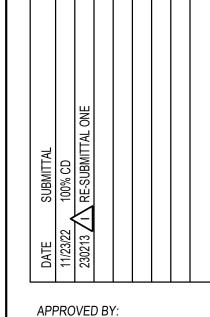


324 S SANTA FE

VISALIA, CA 93292 WEB: 4-Creeks.com TEL: 559.802.3052







DATE SIGNATURE

DRW BY: KA CHK BY: SE PLOT DATE: 2/13/2023 JOB NO.: 21394 SCALE: AS NOTED

> **DETAILS** E5.2