

SINGLE LINE DIAGRAM

SINGLE LINE DIAGRAM NOTES										
EXISTING MAIN SWITCHBOARD TO REMAIN. SWITCHBOARD IS 480Y2T1, 3PH 4W, I200A WITH SUFFICIENT CAPACITY FOR THE REVISED/ADDITIONAL LOAD REQUIRED BY THE SCOPE OF THIS WORK. REFER TO SITE ELECTRICAL PLAN, SHEET EI.0I FOR COORDINATION/REFERENCE.										
2 EXISTING UTILITY COMPANY SERVICE LATERAL AND SWITCHBOARD MAIN CIRCUIT BREAKER TO REMAIN, NO WORK REQUIRED.										
REPRESENTATIVE SUB-FEED CIRCUIT BREAKERS AND FEEDERS SERVING EXISTING LOADS SHOWN FOR CLARITY ONLY ARE EXISTING TO REMAIN NO WORK REQUIRED, NOT EVERY										

REPRESENTATIVE SUB-FEED CIRCUIT BREAKERS AND FEEDERS SERVING EXISTING LOADS SHOWN FOR CLARITY ONLY, ARE EXISTING TO REMAIN, NO WORK REQUIRED. NOT EVERY SUB-FEED INSTALLED TO EXISTING DISTRIBUTION SECTION IS SHOWN, HOWEVER, DISTRIBUTION SECTION HAS CAPACITY AND SPACE FOR ADDITIONAL CIRCUIT BREAKERS REQUIRED BY THIS SCOPE OF WORK.

EXISTING SUB-FEED CIRCUIT BREAKER AND TRANSFORMER PRIMARY FEEDER TO REMAIN, NO WORK REQUIRED.

5 EXISTING TRANSFORMER AND SYSTEM GROUND TO REMAIN, NO WORK REQUIRED.

6 EXISTING TRANSFORMER SECONDARY FEEDER TO REMAIN, NO WORK REQUIRED.

TEXISTING DISTRIBUTION PANELBOARD TO REMAIN. PANELBOARD IS 208Y/120V, 3PH 4W, 600A WITH SUFFICIENT CAPACITY FOR THE REVISED/ADDITIONAL LOAD REQUIRED BY THE SCOPE OF THIS WORK. REFER TO SITE ELECTRICAL PLAN, SHEET EI.OI FOR COORDINATION/REFERENCE.

8 EXISTING BUILDING POWER PANEL TO REMAIN AND BE USED FOR THIS SCOPE OF WORK. PANEL IS 208Y/I2OV, 3PH, 4W, 225A BUSSING WITH I5O/3 MAIN CIRCUIT BREAKER AND HAS CAPACITY FOR THE ADDITIONAL LOAD REQUIRED BY THIS SCOPE OF WORK. PROVIDE NEW 60/3 CIRCUIT BREAKER PER SPECIFICATIONS (MATCH EXISTING EQUIPMENT MANUFACTURER AND I.C. RATINGS CONTRACTOR SHALL VERIFY ALL) AND INSTALL IN SPACE AVAILABLE IN EXISTING DISTRIBUTION SECTION. RUN I-I/4"C. 4 #4 CU THWN + I #10 CU GROUND TO NEW PANEL AND CONNECT.

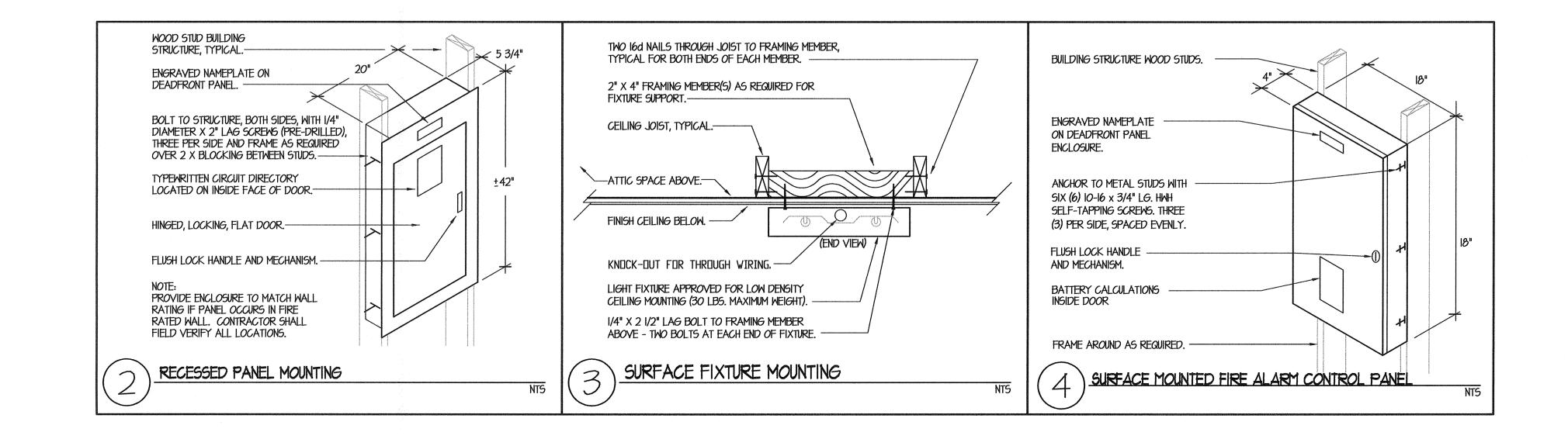
9 EXISTING SUB-FEED CIRCUIT BREAKER, FEEDER AND PANELBOARDS TO REMAIN, SHOWN FOR CLARITY ONLY. NO WORK REQUIRED, TYPICAL UNLESS NOTED OTHERWISE.

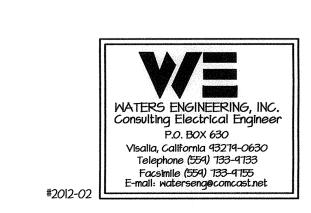
PROVIDE NEW PANEL PER SPECIFICATIONS AND INSTALL PER 2/E4.01. REFER TO PANEL SCHEDULE THIS SHEET FOR COORDINATION/REFERENCE.

NO SCALE

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#. 	E NOCATION/DES		SCRIPTION	ΦA	HASE KV ØB	A PC	LOCATION/DESCRIPTION	CKT. KVA	ÆCS.	.6T5.	PARE	35C. 3.5C. 3.5C.	# 127					
	20/	- 0		X		1.000	MULTI-PURPOSE LTG.		2.000	ΨD.	40	MULTI-PURPOSE LTG.	1.000		X	- 0)	20/	2
3	20/			Х		1.000	MULTI-PURPOSE LTG.			2.000	-	MULTI-PURPOSE LTG.	1.000		X		20/	4
5	20/	T		Х		1.000	MULTI-PURPOSE LTG.	a vinasinas gilva sinakni sa 44.4 ku indunsiri ku ugantur vina indunsiri ku na 14.4 ku			2.000	MULTI-PURPOSE LTG.	1.000		X		20/	6
7	20/			Х		1.000	MULTI-PURPOSE LTG.		2.000			MULTI-PURPOSE LTG.	1.000		Х		20/	8
9	20/			Х		1.000	MULTI-PURPOSE LTG.			2.000		MULTI-PURPOSE LTG.	1.000		Х		20/	10
ı	20/			Х		1.000	MULTI-PURPOSE LTG.				2.000	MULTI-PURPOSE LTG.	1.000		Х		20/	12
3	20/			Х		0.300	PROSC. SPOTS		0.600			PROSC. SPOTS	0.300		X		20/ 	14
5	20/			Х		0.300	PROSC. SPOTS			1.020		FOOT LIGHTS	0.720		Х		20/	16
7	20/			Х		0.720	FOOT LIGHTS		-		1.440	FOOT LIGHTS	0.720		X		20/	18
9	20/			Х		0.720	FOOT LIGHTS		1.620			PLATFORM STORAGE	0.900		X		20/ 	20
21	20/			X		0.400	ENTRY			1.050		TOILETS, BOILER	0.650		X		20/ 	22
23	20/ 			Х		0.200	EXITS				0.700	SPARE	0.500				20/	24
25	20/				X	0.900	MULTI-PURPOSE CON	V. <i>O</i> UT.	1.800			PLATFORM	0.900	Х			20/	26
21	20/				Х	0.600	PLATFORM			1.100		HEATER ROOM	0.500				X 20/1	28
29	20/ 					0.000	SPARE				0.000	SPARE	0.000				20/	30
31	20/   					0.000	SPARE		0.000			SPARE	0.000				20/ 	32
33						0.000	SPACE			0.000		SPACE	0.000					34
35						0.000	SPACE				0.000	SPACE	0.000					36
37						0.000	SPACE		4.300			PANEL 'GAB'	4.300				60/3	38
39						0.000	SPACE			4.285			4.285				1	40
41						0.000	SPACE				2.247		2.247				1	42
	STING STING		1.				I.C. RATING	LCL TOTAL KVA	1.555 13.875	1.518 12.973	1.410 9.797	208Y/120 VOLTS 3 Ø 4 225 A BUS AMPACITY	WIRE EXIS		***********		NEUTR BREAL	
	STING					M ENCL NG PER	OSURE DEPTH N/A	TOTAL AMPS	115.63	108.10	81.64	225 A BUS AMPACITY 42 CIRCUIT INTERIOR	EXIS			-IV-XIIN		16:

NE	MA	RA	TIN	IG:	1			ersenhinkeling Announce and Arministration of the State and Arministration of the Arministration of Arministra	PAN	EL 'GA	B'	LOCATION: VE	STIBULE R	M I	<u>00</u>		interestation of the second	
KT#	器	と Si US Si US CKT. LOCATION/DESCRIPTION		SCRIPTION		HASE KV	<del>,</del>	LOCATION/DESCRIPTION	CKT.	975.	Ş₩C	PARE	<b>3</b> 5. <b>3</b> 5. <b>3</b> 5.	# <u>:</u>				
<u> </u>	20/	Ĥ	জ -	= -			LIGHTS		ΦA 3.420	ΦВ	ФС	ODU-I/IDU-I	3.120	+			x 20/2	2
3	20/	H		1	x	0.360	RECEPTACLES		<u> </u>	3.480			3.120		T		x Z	4
5	20/	x		1	T	0.230	COOLER FANS				0.817	FLY FAN	0.587	1	$\prod$		X 20/	6
7	20/ 3	X				0.805	CONDENSING UNIT	ndga yakang pangayan paga nina asamah cinta yan mang kamalan agiyya na harangan pingaka nini palam	0.805			SPARE	0.000	T		X	20/	8
9	7	X				0.805	440			0.805		SPARE	0.000			X	20/ 	10
II	F	Х				0.805	4444				1.305	REF/FREEZER LIGHTS	0.500	X			20/ 	12
13						0.000	SPACE		0.000			SPARE	0.000			Х	20/	14
15						0.000	SPACE			0.000		SPARE	0.000			Х	20/	16
17						0.000	SPACE				0.000	SPACE	0.000					18
19						0.000	SPACE		0.000			SPACE	0.000					20
21						0.000	SPACE			0.000		SPACE	0.000					22
23						0.000	SPACE					SPACE	0.000					24
10,0 3.7	000 5"						J.C. RATING LOSURE DEPTH	LCL TOTAL KYA	0.075 4.300	<i>0.000</i> 4.285	0.125 2.247	208Y/120 VOLTS 3 Ø 4 60 A BUS AMPACITY	WIRE 100% 60/3				NEUTR BREAK	
FLU	SH			MO	UNT	ING PER	2/E40I	TOTAL AMPS	35.83	35.71	18.73	24CIRCUIT INTERIOR	Stand	)AR	D_		U	UGS





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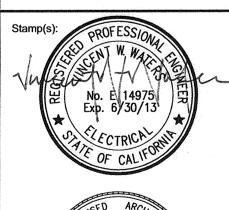
SINGLE LINE DIAGRAND BETAILS
AND DETAILS
Project Name & Address:
MT. VERNON ELEMENTARY
KITCHEN ADDI-

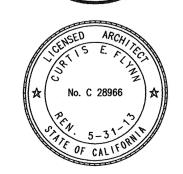
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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-114521

DATE #: \_\_\_\_





Job No.: 3990

E4.01