			LEGEND AND (NOTE: THIS IS A MASTER SYMBOL LIST AND NOT A				
	LIGHTING FIXTURES		EQUIPMENT		SINGLE LINE AND SCHEMATICS		ABBREVIATIONS
<u> </u>	COBRA FIXTURES		SWITCHBOARD	1	CIRCUIT BREAKER:	A, AMP	AMPERES
<u></u> ⊢0−1	FLUORESCENT: OPEN STRIP		PANELBOARD — SURFACE MOUNTED		AF = AMP FRAME	AFF	ABOVE FINISHED FLOOR
0	CEILING SURFACE OR RECESSED DOWNLIGHT		PANELBOARD — FLUSH MOUNTED		AT = AMP TRIP P = POLE	AIC	AMPERES INTERRUPTING CAPACITY
<u>₽</u> 9	WALL MOUNTED FIXTURE OR SCONCE		TRANSFORMER	. '	AIC = AMPERES INTERRUPTING CAPACITY	ATS	AUTOMATIC TRANSFER SWITCH
	WALL WASHER		RELAY	۱,	FUSIBLE SWITCH:	A/V	AUDIO/VISUAL
		®		_/3	_/3 = SWITCH SIZE AND POLES	BMS	BUILDING MANAGEMENT SYSTEM
lacksquare	UPLIGHTS	©	CONTACTOR	∮ ₽∪	= FUSE SIZE	С	CONDUIT: WITH PULLCORD IF OTHERWISE EMPTY
©	BOLLARD LUMINAIRE		MAGNETIC STARTER	<u> </u>		CB, C/B	CIRCUIT BREAKER
Å⊞⊞⊡⊕⊗	POLE OR POST MOUNTED CUTOFF LUMINAIRE	<u> </u>	COMBINATION MAGNETIC STARTER/DISCONNECT		DRAWOUT CIRCUIT BREAKER:	CLG	CEILING
₩	EMERGENCY LIGHTING UNIT: MOUNT AT LOWER OF +96" AFF OR 12" BELOW CEILING		NON-FUSIBLE DISCONNECT SWITCH	_AT _P	AF = AMP FRAME $AT = AMP TRIP$	DPDT	DOUBLE POLE DOUBLE THROW
XX	STEP LIGHTS		FUSIBLE DISCONNECT SWITCH	↓ _AIC	P = POLE AIC = AMPERES INTERRUPTING CAPACITY	DPST	DOUBLE POLE SINGLE THROW
● ▼ ▼	EXIT LIGHT: FACES AND ARROWS AS INDICATED ON	VFD	VARIABLE FREQUENCY DRIVE	A	DRAWOUT FUSIBLE SWITCH:	(E)	EXISTING TO REMAIN
▼, ETC.	PLANS	<u> </u>	JUNCTION BOX - SIZE AS REQUIRED BY NEC	_/3	_/3 = SWITCH SIZE AND POLES	EC	EMPTY CONDUIT
	LOW LEVEL EXIT LIGHT: MOUNT AT BETWEEN +6" & +8" A.F.F TO BOTTOM OF FIXTURE; & 4" MAX. FROM EDGE OF FIXTURE		PLUG MOLD SURFACE RACEWAY AND DEVICES		= FUSE SIZE	EM	EMERGENCY
	TO LATCH SIDE OF DOOR OR EXIT WAY OPENING.	₽	TELEPOWER POLE	₩		EMT	ELECTRIC METALLIC TUBING
Φ.	RECEPTACLES	P	POWER POLE	──	NORMALLY OPEN CONTACT	FACP	FIRE ALARM CONTROL PANEL
φ	SINGLE: 20A, 125V, NEMA 5-20R, +15" AFF TO BOTTOM UON	_	CIRCUITING		NORMALLY CLOSED CONTACT	FB0	FURNISHED BY OTHERS
Ψ	DUPLEX: 20A, 125V, NEMA 5-20R, +15" AFF TO BOTTOM UON		IN WALL OR ABOVE CEILING	©	CONTACTOR COIL	FLUOR	FLUORESCENT
•	SINGLE: 30A, 250V, NEMA 6-30R, +15" AFF TO BOTTOM UON		IN FLOOR OR BELOW GRADE	R	RELAY COIL	FU	FUSE: DUAL-ELEMENT, TIME DELAY
•	DOUBLE DUPLEX: 20A, 125V, NEMA 5-20R, +15" AFF TO BOTTOM UON	— P —	CIRCUITING TYPE: $T = TELEPHONE C = CONTROL$			GFCI	GROUND FAULT CIRCUIT INTERRUPTER
•	HALF SWITCHED DUPLEX: 20A, 125V, NEMA 5-20R, +15" AFF	†	S = SECONDARY TV = TELEVISION P = PRIMARY OH = OVERHEAD SERVICE FO = FIBER OPTIC		TRANSFER SWITCH (AUTOMATIC OR MANUAL PER PLANS)	G,GND	GROUND
<u> </u>	TO BOTTOM UON (TOP HALF SWITCHED)		STUB OUT: MARK AND CAP		·	HOA	HAND-OFF-AUTOMATIC
•	DUPLEX GFCI: 20A, 125V, GFCI, NEMA 5-20R GFCI, +15"		CIRCUITING UP		TRANSFORMER	HID	HIGH INTENSITY DISCHARGE
GFCI	AFF TO BOTTOM UON	-	CIRCUITING DOWN			HP	HORSEPOWER
₽	DUPLEX I.G.: 20A, 125V, ISO. GND., NEMA 5-20R IG, +15" AFF TO BOTTOM UON (ORANGE DEVICE AND FACEPLATE)		TICS = No. OF #12 WIRES IF MORE THAN TWO	PANEL	DANEL OFF DANEL CONFOUND FOR DETAILS	HPS	HIGH PRESSURE SODIUM
₩	SPECIAL RECEPTACLE - AS INDICATED ON PLANS, +15" AFF		<pre>// = NUMBER OF PHASE WIRES / = GROUND WIRE / = NEUTRAL WIRE / = ISOLATED GROUND WIRE</pre>		PANEL — SEE PANEL SCHEDULE FOR DETAILS	IG	ISOLATED GROUND
Ψ	TO BOTTOM UON	144	•			INCAND	INCANDESCENT
P	CLOCK HANGER: MOUNTED AT +80" AFF UON	- 4 //// -A-1,3,5	HOMERUN = $1/2$ " C. UON, $4-\#12$, $1-\#12$ G TO PANEL 'A', CIRCUIT No.s 1,3 AND 5		PANEL WITH MAIN BREAKER — SEE PANEL SCHEDULE FOR	Kemil	THOUSAND CIRCULAR MILS (1in. = 1000MILS)
	SIGNAL OUTLETS		FIRE ALARM	PANEL	DETAILS	KW	KILOWATT AMPS
_	TELEPHONE OUTLET: 1-LINK, CAT6; +15" AFF TO BOTTOM UON	FACP	FIRE ALARM CONTROL PANEL: SURFACE MOUNTED UON			LPS	KILOVOLT AMPS LOW PRESSURE SODIUM
∇	TEL/DATA OUTLET: 3-LINKS, CAT6; +15" AFF TO BOTTOM UON	FATO	FIRE ALARM TERMINAL CABINET: SURFACE MOUNTED UON		MOTOR STARTER: NUMBER=NEMA STARTER SIZE	LFS	LIGHTING
▼	DATA OUTLET: 2-LINKS, CAT6; +15" AFF TO BOTTOM UON	FARA	FIRE ALARM REMOTE ANNUNCIATOR: FLUSH MOUNTED UON	 	MOTOR STARTER. NOMBER-NEWA STARTER SIZE	LV	LOW VOLTAGE
· .		F	MANUAL PULL STATION: AT +48" TO TOP UON	·		MCB	MAIN CIRCUIT BREAKER
♦	TELEVISION OUTLET: +15" AFF TO BOTTOM UON	 FS	FIRE SPRINKLER WATER FLOW SWITCH	የ	MOTOR OVERLOADS	MCC	MOTOR CONTROL CENTER
	CAMERA OUTLET			'		MCP	MOTOR CIRCUIT PROTECTOR
(M)	MICROPHONE OUTLET	(B)	FIRE SPRINKLER TAMPER SWITCH		CURRENT TRANSFORMERS	MPOE	MINIMUM POINT OF ENTRY FOR TEL/DATA SERVICES
⊘	VOLUME CONTROL OUTLET	<u></u>	SMOKE DETECTOR: CEILING MOUNTED			(N)	NEW
S	SPEAKER: CEILING MOUNTED UON	<u> </u>	HEAT DETECTOR: CEILING MOUNTED		UTILITY COMPANY METER WITH CURRENT TRANSFORMERS	NACB	NON-ADJUSTABLE CIRCUIT BREAKER
CR	CARD READER: +48" AFF UON	DD	DUCT SMOKE DETECTOR	← ₩	UTILITY COMPANY METER WITH CURRENT TRANSFORMERS	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
DS	DOOR SECURITY: SYSTEM POWERED AND CONTROLLED, UON		HORN: WALL MOUNT AT LOWER OF 80" AFF OR 6" BELOW CEILING, UON		INDICATOR LIGHT	N,NEUT	NEUTRAL
	SWITCHES	0	CHIME: WALL MOUNT	\boxtimes	A=AMBER G=GREEN	NIC	NOT IN CONTRACT
	SINGLE POLE: 20A, 120V OR 277V, +48" AFF TO TOP UON		AT LOWER OF 80" AFF OR 6" BELOW CEILING, UON		R=RED	NL	NIGHT LIGHT
Φ	·	A	SPEAKER: WALL MOUNT	GFR	GROUND FAULT RELAY	NTS	NOT TO SCALE
\$2	DOUBLE POLE: 20A, 120V OR 277V, +48" AFF TO TOP UON		AT LOWER OF 80" AFF OR 6" BELOW CEILING, UON STROBE: WALL MOUNT	(ST)	SHUNT TRIP UNIT	OC	ON CENTER
\$3 \$4	THREE WAY: 20A, 120V OR 277V, +48" AFF TO TOP UON FOUR WAY: 20A, 120V OR 277V, +48" AFF TO TOP UON	<u> </u>	AT LOWER OF 80" AFF OR 6" BELOW CEILING, UON	(A)	AMMETER	PNL	PANEL
Ф ⁴ \$т	TIMER SWITCH: 20A, 120V OR 277V, +48" AFF TO TOP UON	 	HORN AND STROBE: WALL MOUNT AT LOWER OF 80" AFF OR 6" BELOW CEILING, UON	\bigcirc	VOLTMETER	PVC	POLYVINL CHLORIDE CONDUIT
\$P	'P' = PILOT LIGHT SWITCH (LIGHTED WHEN "ON"), +48" AFF TO TOP UON	ī———	·	(F)	POWER FACTOR METER	(R)	EXISTING TO BE RELOCATED
\$ĸ	'K' = KEY OPERATED SWITCH, +48" AFF TO TOP UON		CHIME AND STROBE: WALL MOUNT AT LOWER OF 80" AFF OR 6" BELOW CEILING, UON	[AS]	AMMETER SWITCH	RGS	RIGID GALVANIZED STEEL
\$ _M	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD: 20A, 120V OR 277V		SPEAKER STROBE: WALL MOUNT AT LOWER OF 80" AFF OR 6" BELOW CEILING, UON	[V5]	VOLTMETER SWITCH METHODS	SPDT	SINGLE POLE DOUBLE THROW
\$ _{MC}	MOMENTARY CONTACT: 20A, 120V OR 277V, SPDT CENTER		·			SPST	SINGLE POLE SINGLE THROW
ΨΜ0	NORMALLY OFF UON, +48" TO TOP UON	<u>B</u>	BUILDING MOUNTED ALARM BELL PER LOCAL CODE MAGNETIC DOOR HOLDER: SYSTEM POWERED AND	₩ •	NIGHT LIGHT 'NL' CIRCUIT	TYP	TYPICAL
\$D	DIMMER: 600 WATT UON, ELECTRONIC SLIDER, WITH ON/OFF TOGGLE, +48" TO TOP UON (PLANS SHALL	DH	CONTROLLED, UON		LETTERS INDICATE FIXTURE CONTROLLED	UG	UNDER GROUND
	INDICATE TYPE: FLUOR, INCAND OR LOW-VOLTAGE)	▼ FP	FIREFIGHTERS TELEPHONE OUTLET: MOUNTED AT +48" TO TOP UON	a,b a	BY SWITCHES 'a' & 'b'.	UNSW	UNSWITCHED
LV	LOW VOLTAGE SWITCH - WALL MOUNTED AT +48"	FSD	FIRE SMOKE DAMPER	<u>\$\$₽</u>	DEVICES MOUNTED IN A MULTIGANG BOX UNDER COMMON COVER MAXIMUM HEIGHT ON WALL SHALL BE +48" TO TOP UON	UON	UNLESS OTHERWISE NOTED
	TO TOP UON	-	DESIGNATIONS	<u></u>	DEVICES MOUNTED IN OR ABOVE BACKSPLASH:	UPS	UNINTERRUPTABLE POWER SUPPLY
os	MOTION/OCCUPANCY SENSOR SWITCH WITH OFF-AUTO			\mathbb{P}	MAXIMUM HEIGHT ON WALLS SHALL BE +48" TO TOP UON	٧	VOLTS
	SELECTOR - WALL MOUNTED AT +48" TO TOP UON	F1>	LIGHTING FIXTURE: F1 = TYPE, 3 = QTY., TYP = TYPICAL TYPES:	₩ • □	FLUSH FLOOR MOUNTED WIRING DEVICES	WP	WEATHER PROOF (NEMA 3R)
<u></u>	MOTION/OCCUPANCY SENSOR SWITCH WITH OFF-AUTO SELECTOR - CEILING MOUNTED	<u>(1)</u>	SHEET NOTE	Ф ТЛ	FLUSH FLOOR MOUNTED WIRING DEVICES IN SINGLE MULTI- COMPARTMENT BOX	(X)	EXISTING TO BE REMOVED
<u>@</u>	PHOTOCELL ELECTRIC SWITCH: 1600VA UON					XFMR	TRANSFORMER
	MISCELLANEOUS	AC	MECHANICAL EQUIPMENT	• •	RECEPTACLE MOUNTED IN CASEWORK	XP	EXPLOSION PROOF
	THERMOSTAT: MOUNT AT +48' TO TOP UON		EEEDED OIDCUITOV TVO		RECEPTACLE OR JUNCTION BOX MOUNTED IN CEILING	_	-
(T)	(PER MECHANICAL PLANS)	XXX X1	FEEDER CIRCUITRY TAG X1 = CONDUIT		FINE DASHING INDICATES EXISTING EQUIPMENT AND DEVICES TO BE REMOVED	_	-
√ F /	EXHAUST FAN: FRACTIONAL HORSEPOWER	X2 X3	X2 = FEEDER X3 = GROUND			_	
<u> </u>	MOTOR: NUMBER = HORSEPOWER	X	DETAIL CALLOUT ON PLANS			_	_
EPO	EMERGENCY POWER OFF PUSH BUTTON	(xx)	X= DETAIL NUMBER XX= SHEET NUMBER			_	_
×	GROUND ROD	1				_	_
8	GROUND WELL	1				_	_
~	l .			L			l .

							1	$\sqrt{2}$	3	_	
SHEET	DESCRIPTION	ISSUED FOR 100% DD DATE: 06/12/08	ISSUED FOR 50% CD DATE: 08/06/08	50% CD SITE ELECTRICAL PKG. DATE: 08/29/08	90% CD SUBMITTAL DATE: 09/19/08	DSA FINAL DATE: 04/09/09	CHECK 10/19/	NG OF 1	7,19	5.5	S = 1
E0.01	LEGEND, ABBREVIATIONS, DRAWING SCHEDULE & PHOTOMETRIC SUMMARY	•	0	0	0	•		<u> </u>		•	•
E0.02	TITLE 24 COMPLIANCE FORMS				•		<u> </u>	—	<u> </u>		
E0.03	LIGHTING FIXTURE SCHEDULE ELECTRICAL DETAILS		0	0	0	•		┼─	•		•
E0.04	ELECTRICAL DETAILS ELECTRICAL DETAILS		0		0	•		\vdash			•
E0.06	NOT USED					Ť		+-			Ť
E0.07	PANEL SCHEDULES & LIGHTING CONTROL PANELS						•				
E2.00	OVERALL ELECTRICAL PLAN - SITE	•	•	0	0	•					•
E2.01	PARTIAL ELECTRICAL PLAN	•	•	0	•	•	•			•	•
E2.02	PARTIAL ELECTRICAL PLAN						•			•	
E2.03	PARTIAL ELECTRICAL PLAN	0	0	0	0	•	•	 		•	0
E2.04	PARTIAL ELECTRICAL PLAN		0	0	0	•	•	 	_	•	•
E2.05 E2.06	PARTIAL ELECTRICAL PLAN PARTIAL ELECTRICAL PLAN		0	0	0	•	*	+	-	•	
E2.06	PARTIAL ELECTRICAL PLAN PARTIAL ELECTRICAL PLAN	0	0	0	0	•	•	+		•	•
E2.08	PARTIAL ELECTRICAL PLAN	•	0	0	0	•					•
E2.09	PARTIAL ELECTRICAL PLAN	0	0	0	0	•	•				•
E2.10	PARTIAL ELECTRICAL PLAN	•	0	0	0	•	•				•
E2.11	PARTIAL ELECTRICAL PLAN		0	0	0	•	•	—			•
E2.12 E2.13	PARTIAL ELECTRICAL PLAN PARTIAL ELECTRICAL PLAN						•	\vdash			•
L2.10	THE ELECTRICAL TERM							\vdash			\vdash
E4.01 E4.02	LIGHTING EXTENDED PHOTOMETRIC CALC. NOT USED		•	0	٠	•					•
E4.03	LIGHTING EXTENDED PHOTOMETRIC CALC.		•	0	0	•					•
E4.04	LIGHTING EXTENDED PHOTOMETRIC CALC.		•	•	0	•					•
E4.05	LIGHTING EXTENDED PHOTOMETRIC CALC.		•		0	•					•
E4.06	LIGHTING EXTENDED PHOTOMETRIC CALC.		0		0	•		—			•
E4.07 E4.08	LIGHTING EXTENDED PHOTOMETRIC CALC. LIGHTING EXTENDED PHOTOMETRIC CALC.		0	0	0	•		\vdash			•
E4.09	LIGHTING EXTENDED PHOTOMETRIC CALC.		0	0	0	•		\vdash			•
E4.10	LIGHTING EXTENDED PHOTOMETRIC CALC.		0	0	0	•					•
E4.11	LIGHTING EXTENDED PHOTOMETRIC CALC.		0	0	0	•					•
E4.12	LIGHTING EXTENDED PHOTOMETRIC CALC.			•	•	•					•
E6.01	ELECTRICAL — SITE UTILITY PLAN			0	0	•					
E6.02	ELECTRICAL — SITE UTILITY PLAN		_	0	0	•					—
E6.03	ELECTRICAL — SITE UTILITY PLAN ELECTRICAL — SITE UTILITY PLAN			0	0	•		 			_
E6.05	ELECTRICAL — SITE UTILITY PLAN ELECTRICAL — SITE UTILITY PLAN			0	0	•					
E6.06	SINGLE LINE DIAGRAM, SHEET NOTES AND GENERAL NOTES			0	0	•		•			
E6.07	ELECTRICAL - SITE UTILITY DETAILS				0	•		•			
E6.08	ELECTRICAL - EQUIPMENT SEISMIC MOUNTING DETAILS					•	•				
SEC.0.00	GENERAL NOTES, SYMBOLS, ABBREVIATION, LEGEND AND DRAWING INDEX			•	•	*					
SEC.1.01	SECURITY SYSTEM CCTV BLOCK DIAGRAM			0	0	•					
SEC.2.00	SECURITY SYSTEM SITE DEVICE LAYOUT PLAN — OVERALL			0	0	•					
SEC.2.01	SECURITY SYSTEM SITE DEVICE LAYOUT PLAN - CAMERA NO. 1			0	0	•					
SEC.2.03	SECURITY SYSTEM SITE DEVICE LAYOUT PLAN - CAMERA NO. 2			0	0	•		<u> </u>			$oxed{oxed}$
SEC.2.05	SECURITY SYSTEM SITE DEVICE LAYOUT PLAN - CAMERA NO. 3, 4 & 5		_	0	0			 			—
SEC.2.08	SECURITY SYSTEM SITE DEVICE LAYOUT PLAN — CAMERA NO. 6 & 7			0	0	•		 			
SEC.2.12	SECURITY SYSTEM SITE DEVICE LAYOUT PLAN — CAMERA NO. 8							 			\vdash
SEC.3.01	SECURITY SYSTEM CAMERA DETAILS			•	•	•					

PHOTOMETRIC CALCU	JLATION SUMMARY		
Project: CSM Site			Sheet No.
Label	Required Average Foot Candles	Avg	
Parking Lot Bldg 10+12	0.5 Fc	3.75	E4.07 & E4.12
Pool Area Building 5N	10.0 Fc	11.98	E4.05
Path Areas	1.0 Fc	2.48	E4.05, E4.06, E4.08, E4.09, E4.11, & E4.12
Cobra Parking Lot 2	0.5 Fc	1.87	E4.04
Cobra Buildings 10 +12	Fc	1.95	E4.12
Cobra 4-way Stop	0.5 Fc	1.32	E4.03
Student Center Plaza @ Bldg. 10N	1.0 Fc	1.84	E4.07
Cobra Lot 1 + Roadway	0.5 Fc	1.58	E4.03 & E4.04

PHOTOMETRIC REQUIREMENTS

PATH OF EGRESS = AVERAGE LIGHT LEVEL 1 FOOT—CANDLE. ROADWAYS = AVERAGE LIGHT LEVEL (.5) FOOT-CANDLE.

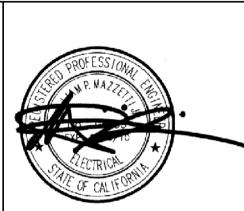
DRAWING OF RECORD ROSENDIN ELECTRIC, INC. DATE: 11/04/11

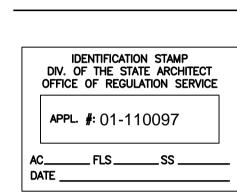
McCarthy Building Companies, Inc.

343 Sansome Street, 14th Floor San Francisco, California 94104

P 415 | 364-1339 F 415 397-5999

BUILDING QUALITY BUILDING VALUE BUILDING PEOPLE





FILE NUMBER:

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09 APRIL 2009 REI CAD TEAM TH/SF/RW

Legend & Abbreviations Drawing Schedule & Photometric Summary E0.01

CERTIFICAT	E OF COI	MPLIAN	ICE	(Part 1 of 2)	OLTG-1-C
PROJECT NAME COLLEGE OF SAN M	ATEO SITE				DATE 04-09-09
PROJECT ADDRESS 1700 WEST HILLSDA	LE BLVD., SAN	I MATEO, C	A		
PRINCIPAL DESIGNER-LIGHTIN TONY HERNANDEZ	3	· ·		TELEPHONE 408-321-2206	Building Permit
DOCUMENTATION AUTHOR SILVIA RAVE				TELEPHONE 408-321-2233	Checked by/Date Enforcement Agency Use
GENERAL INFORMATION					
DATE OF PLANS 04-09	09 OUTD	OOR LIGHTING	ZONE (✔ One)	□LZ1 □LZ2 ☑LZ	3 LZ4
FUNCTION TYPE	✓ OUTDOOF	RLIGHTING		OOR SIGNS	☐ INDOOR SIGNS
PHASE OF CONSTRUCTION	☑ NEW CON	NSTRUCTION	☐ ADDIT	IONS	☐ ALTERATIONS
STATEMENT OF COMPLIAN	CE				
This Certificate of Compliance Regulations. This certificate ap The documentation preparer h	pplies only to building l	lighting requireme	ents.	oly with Title 24, Parts 1 and 6 on poly with Title 24, Parts 1	of the California Code of
DOCUMENTATION AUTHOR SILVIA RAVE	5	SIGNATURE			DATE 04-09-09

The Principal Lighting Designer hereby certifies that the proposed outdoor lighting and signs design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building has been designed to meet the lighting requirements contained in the applicable parts of Sections 110, 119,130 through 132, 146, and 149 of Title 24, Part 6. Please ✓ one:

- I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed in the State of California as a civil engineer or electrical engineer, or I am a licensed
- I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code by section 5537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work.
- I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described as exempt pursuant to Business and Professions Code Sections 5537,5538 and 6737.1.

PRINCIPAL LIGHTIN TONY HERNA		SIGNATURE		04-09-09	E015390
INSTRUCTIONS TO	O APPLICANT OUTDOOF	R LIGHTING COMPLIANCE & V	VORKSHEETS (✓ box if wo	orksheet is include	ed)
For detailed instr		nis and all Energy Efficiency	·		
☑ OLTG-1-C	Certificate of Complia incorporated in sched	ance. Required on plans for dules on the plans.	all submittals for outdoor	lighting. Part 2 c	of 2 may be
	1. Use LTG-1-C if th 2. Use LTG-1-C if th lighting. 3. Use OLTG-1-C if 4. Use OLTG-1-C if lighting	LTG-1-C may be used for sign of the project consists solely of including the project consists of indoor lather project consists solely of the project consists of outdo	ndoor signs ighting, and outdoor or ind foutdoor signs or lighting, and indoor or o	outdoor signs, bu	ut no other indoor
☑ OLTG-2-C	LIGHTING COMPLIA Signs)	NCE SUMMARY. Applicab	le Parts required for ALL o	outdoor lighting a	allowances (Except t
☑ OLTG-3-C	AREA CALCULATIO	NS WORKSHEETS. Applic	able parts required for all	outdoor area cal	culations.
☑ OLTG-4-C	SIGN LIGHTING CO outdoor signs.	MPLIANCE. Required for all	internally and externally i	Iluminated signs	, for both indoor and

CERTIFICATE OF COMPLIANCE	(Part 2 of 2)	OLTG-1-C
PROJECT NAME COLLEGE OF SAN MATEO SITE		
Lighting Schedules on Plans Show that Outdoor Lighting Mee	s Allowed Lighting Power	
✓ Lighting power allowances for general site illumination on OLTG-2-C F Not Applicable	art 1 of 4	
\square Lighting power allowances for local ordinances or for security multiplie $ ot \!$	rs on OLTG-2-C Part 2 of 4	
\square Lighting power allowances for specific applications, other than vehicle $ otin{M}$ Not Applicable	service stations with canopies o	on OLTG-2-C Part 3 of 4
 ☐ Lighting power allowances for vehicle service station canopies on OLT ☑ Not Applicable 	G-2-C Part 4 of 4	
☑ Sign lighting compliance on OLTG-4-C		
□ Not Applicable		

	Installed lighting power has been determined in accordance with § 130(c)1
	Not Applicable
\square	All permanently installed luminaires with lamps rated over 100 watts either have a

- a lamp efficacy of at least 60 lumens per watt or are controlled by a motion sensor § 132(a) ☐ Not Applicable
- All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances, canopies, and all outdoor sales areas meet the Cutoff Requirements of § 132(b)
- All permanently installed outdoor lighting meets the Control Requirements of § 132(c)1
- ☐ Not Applicable Building facades, parking lots, garages, canopies, and outdoor sales areas meet the Multi-Level Lighting Requirements of §

CONTROL LOCATION	CONTROL IDENTIFICATION	CONTROL TYPE Auto Time Switch/Photosensor, etc	AREA CONTROLLED	NOTE TO
MAIN ELECTRICAL ROOM	VIA PHOTOCELL / ASTRONOMICAL TIME CLOCK	LCP / PHOTOCELL / TIMECLOCK	SITE LIGHTING	

zoob Nonresidential Compilance Forms APIII ZUUD

LIGHTING CC	MPLIA	NCE	SUMN	IARY			(Pa	rt 1	of 4)	(DLT	G-2	2-C
PROJECT NAME COLLEGE OF SAN MA	TEO SITE									DATE 04-	09-09			
LIGHTING POWER	ALLOWA	NCES -	GENER/	AL SITE I	LLUMINATION -	- (Tabl	e 147-A	١)						
	A	llotted Wat	ts		Luminaire			Lamps/	Ballasts			nstalle	d Watt	
A	В	С	D	E	F	G	Н	ı	J	K	L	M	N	0
Lighting Applications Category (Table 147-A)	Area (ft²) or Length (LF)	Allotted LPD W/ft ² or W/LF	Allotted Watts (B x C)	Code for Luminaire Type	Description	Cutoff Designation	Lamp Type	Number of Lamps per Luminaire	Watts per Lamp	Number of Ballast per Luminaire	Watts per Luminaire	→ If CEC Default	Number of Luminaires	Watts (L×N)
PARKING LOT/ROADWAY	131,635	0.15	19,745	E1	POLE MOUNT	FCO	МН	1	400	1	452	✓	15	6,78
PARKING LOT/ROADWAY	114,621	0.15	17,193	E2	POLE MOUNT	FCO	МН	2	400	1	904	1	12	10,84
ROADWAY	43,561	0.15	6,534	В	POLE MOUNT	FCO	МН	9	400	1	452	1	9	4,06
ROADWAY	46,878	0.15	7,032	B2R	POLE MOUNT	FCO	МН	1	400	1	904	1	6	5,42
SIDEWALK/WALKWAY	6,305	0.17	1,072	M2	POLE MOUNT	FCO	МН	1	150	1	168	✓	38	6,38
SIDEWALK/WALKWAY	2,292	0.17	390	M6	BOLLARD	NONE	МН	1	100	1	110	✓	4	440
SIDEWALK/WALKWAY	11,573	0.17	1,967	MM2	POLE MOUNT	FCO	МН	1	200	1	32	✓	5	1,16
SIDEWALK/WALKWAY	100,407	0.17	17,069	ммз	POLE MOUNT	FCO	MH	1	200	1	219	✓	74	16,20
SIDEWALK/WALKWAY	1,169	0.17	199	MM13	STEPLIGHT	NONE	COMP FLOUR	2	42	1	94	✓	12	1,12
SIDEWALK/WALKWAY	12,423	0.17	2,112	MM15	UPLIGHT	NONE	MR16	1	75		75	1	26	1,95
SIDEWALK/WALKWAY	160	0.17	27	MM16	UPLIGHT FLAGPOLE	NONE	ED37	1	320	1	365	1	3	1,09
LOADING DOCK	6,389	0.17	1,086	E1	POLE MOUNT	FCO	МН	1	400	1	452	1	2	904
WALKWAY	811	0.17	138	RUDD	POLE MOUNT	NONE	МН	1	100	1	185	✓	1	180
	Total Allot	ted Watts	74,564							Total	Installed	Watts	5	6,513

AME SE OF	SAN MATEO SITE												(
				Alternati	ve 1 – Lig	hting Power	Allowa	ınces			tech	nologies	isted	in M thi	nat ONLY i rough S	use one or	more of the
В	С	D	E	F ¹	G	Н	ı	J	K	L	M	N	0	P	Q	R	S
			Allotte	d Watts		Lamp /	Ballas	st	Design	Watts					_		
Quantity of Signs	Description or Location	Sign Area (ft²)	Internally (I) OR Externally (E) Illuminated	Allotted LPD (12 or 2.3) (W / ft ²)	Allotted Watts (D X F)	Lamp Type	Number of OR Lineal Feet of Lamps	Number of Ballasts In Signs	Total Designed Sign Input watts	ls G Smaller than K? Y / N	High Pressure Sodium	Pulse Start or Ceramic Metal Halide	Neon and Cold Cathode	Light Emitting Diode (LED)	Barrier Coat Fluorescent -amps (includes most T5 and T8 lamps)	CFLs not containing Medium Screw Base Sockets	Electronic Ballasts with Output Frequency of 20kHz or more
22	WALL@FLAGPOLES	1369	E	2.3	3149	T5HD	22	11	1320	N							
7	LED LIGHT																
	B Quantity of Signs	B C Quantity of Signs Description or Location WALL@FLAGPOLES RECESSED LOW LVL	B C D Sign Area (ft²) Quantity of Signs 22 WALL@FLAGPOLES 7 RECESSED LOW LVL	B C D Sign Area (ft²) OR Location 22 WALL@FLAGPOLES 7 RECESSED LOW LVL	Alternation Allotted LPD B C D Allotted Watts C	Alternative 1 – Lig Alternative 1 – Lig Allotted Watts C Allotted Watts Allotted LPD Sign Area (ft²) Description or Location 22 WALL@FLAGPOLES 7 RECESSED LOW LVL	Alternative 1 – Lighting Power B C D E F¹ G H Allotted Watts Lamp / Sign Area (ft²) OR F (M / ft²) Quantity of Signs 22 WALL@FLAGPOLES 7 RECESSED LOW LVL	Alternative 1 – Lighting Power Allowa B C D E F¹ G H Lamp / Ballas Allotted Watts Lamp / Ballas Allotted Watts Lamp / Ballas Allotted Watts (D x F) Externally (1) OR Ext	Alternative 1 – Lighting Power Allowances B C D E F¹ G H Lamp / Ballast Allotted Watts Lamp / Ballast Allotted Watts Lamp / Ballast Internally (i) OR (i) OR (ii) OR (iii)	Alternative 1 – Lighting Power Allowances B C D E F¹ G H I J K Allotted Watts Lamp / Ballast Design Allotted Watts Lamp / Ballast Design Number of Ballasts Design Number of OR Rallotted Upp (12 or 2.3) Sign Area (ft²) Description or Location 22 WALL@FLAGPOLES TOTAL Designed Allotted Watts Lamp Type Allotted LPD (12 or 2.3) (W / ft²) Sign Area (ft²) PEXTERNALLY (E) E Allotted LPD D Sign Area (ft²) RECESSED LOW LVL	Alternative 1 – Lighting Power Allowances B C D E F¹ G H J Number of Ballast Design Watts Allotted Watts Lamp / Ballast Design Watts Lamp / Ballast Design Watts Lamp / Ballast Design Watts Allotted Watts Lamp / Ballast Design Watts Number of Ballast Number of OR	Alternative 1 – Lighting Power Allowances Alternative 1 – Lighting Power Allowances B C D E F¹ G H I J K L MM Allotted Watts Lamp / Ballast Design Watts Number of Ballast Design Watts Lamp / Ballast Design Watts Number of Ballast Design Watts Number of Ballast Design Watts Allotted Watts Lamp I In Signs Watts Number of OR In Signs Watts Allotted Watts Lamp Type Internally (I) OR Externally (I) OR Externally (I) OR F) Which is G Smaller than K? Allotted Watts Lamp Type Internally (I) OR Externally (I) OR F) Which is G Smaller than K? Allotted Watts Design Watts Allotted Watts (D X F) Illiuminated LPD (D X F) RECESSED LOW LVL RECESSED LOW LVL	Alternative 1 – Lighting Power Allowances Alternative 2 technologies (Check all the Number of Ballast Design Watts) Alternative 1 – Lighting Power Allowances B C D E F¹ G H I J K L M Number of Ballast Design Watts Allotted Watts Lamp / Ballast Design Watts Number of Ballast Design Watts Lineal Feet of Lamp Type IIII Number of CPA III III II	Alternative 1 – Lighting Power Allowances Alternative 2 – For technologies listed (Check all that app.) B C D E F¹ G H J J K L Metal Halide Allotted Watts Lamp / Ballast Design Watts Number of Ballast Designed Sign Input watts In Sign Area (ft²) OR Signs Description or Location 22 WALL@FLAGPOLES 7 RECESSED LOW LVL Alternative 2 – For technologies listed (Check all that app.) Alternative 1 – Lighting Power Allowances Alternative 2 – For technologies listed (Check all that app.) Alternative 2 – For technologies listed (Check all that app.) Allotted Watts Allotted Watts Allotted Watts Allotted Watts Allotted Watts Allotted Watts ON No Description or Location Allotted Watts Allotted Watts Allotted Watts Allotted Watts ON No Description or Location Allotted Watts Allotted Watts Allotted Watts ON No Description or Location Allotted Watts Allotted Watts ON No Description or Location ON No Des	Alternative 1 - Lighting Power Allowances Alternative 2 - For Signs If technologies listed in M thr (Check all that apply) B C D E F¹ G H I J K L Metal Halide Watts Allotted Watts Allotted Watts Lamp / Ballast Design Watts Number of Ballasts Number of Ballasts Pulse Start or Ceramic Metal Halide Metal Halide Watts Allotted Lamp Type B C WALL@FLAGPOLES Allotted Watts Allotted Watts	Alternative 1 – Lighting Power Allowances Alternative 2 – For Signs that ONLY technologies listed in M through S (Check all that apply) B C D E F¹ G H I J K L C D Allotted Watts Lamp / Ballast Design Watts Number of Ballast Lineal Feet of Lamps (12 or 2.3) (W / f²) (W / f²) 22 WALL@FLAGPOLES D4-09-09 Alternative 2 – For Signs that ONLY technologies listed in M through S (Check all that apply) Allotted Watts Lamp / Ballast Design Watts Number of Ballast In Sign Input watts (LED) V/N Allotted LPD (LED) V/N P Barrier Coat Fluorescent (Check all that apply) M N O P C Lamp Foressure Sodium In Sign Input watts In Sign Input watts (D X F) (W / f²) (W / f²) RECESSED LOW LVL RECESSED LOW LVL	Alternative 1 - Lighting Power Allowances B C D E F¹ G H I J K L Lamps (Includes most T5 and T8 lamps) Allotted Watts Lamp / Ballast Design Watts Number of Ballast Lamp / Number of Ballast Lamp / Number of Location Sign Area (It²) (N / N²) (N /

2005 Nonresidential Compliance Forms July 2005

unfiltered portions of Internally and Externally illuminated signs, are not required to meet these Standards.

TITLE 24 OUTDOOR LTG. COMPLIANCE NOTES:

- 1. AUTOMATIC CONTROL DEVICES CERTIFIED:
 - ALL AUTOMATIC CONTROL DEVICES SHALL BE CERTIFIED BY THE STATE OF CALIFORNIA AND INSTALLED AS DIRECTED BY THE MANUFACTURER FOR PROPER CONTROL AND OPERATION.
- CONTROL OF EXTERIOR LIGHTS:

EXTERIOR MOUNTED FIXTURES ATTACHED TO OR POWERED BY THE ELECTRICAL SERVICE IN BUILDINGS THAT CONTAIN CONDITIONED SPACE SHALL BE CONTROLLED WITH A DIRECTIONAL PHOTOCELL CONTROL ON THE ROOF OR AN ASTRONOMICAL TIME SWITCH AND A CORRESPONDING ELECTRICAL CONTACTOR THAT AUTOMATICALLY TURNS OFF THE EXTERIOR LIGHTING WHEN DAYLIGHT IS AVAILABLE. EXTERIOR LUMINAIRES WITH LAMPS RATED OVER 100 WATTS THAT HAVE A SOURCE EFFICACY OF LESS THAN 60 LUMENS PER WATT SHALL BE CONTROLLED BY A MOTION SENSOR.

THE ASTRONOMICAL TIME-SWITCH CONTROLS SHALL: A. CONTAIN AT LEAST 2 SEPARATELY PROGRAMMABLE CHANNELS PER FUNCTION AREA; B. HAVE THE ABILITY TO INDEPENDENTLY OFFSET THE 'ON' AND 'OFF' TIMES FOR EACH CHANNEL BY O TO 99 MINUTES BEFORE OR AFTER SUNRISE OR SUNSET; C. HAVE A SUNRISE AND SUNSET PREDICTION ACCURACY WITHIN +/-15 MINUTES AND TIMEKEEPING ACCURACY WITHIN 5 MINUTES PER YEAR; D. STORE TIME ZONE, LONGITUDE AND LATITUDE IN NON-VOLATILE MEMORY; E. DISPLAY DATE/TIME, SUNRISE AND SUNSET; F. HAVE AN AUTOMATIC DAYLIGHT SAVINGS TIME ADJUSTMENT: G. BE CAPABLE OF PROGRAMMING DIFFERENT SCHEDULES FOR WEEKDAYS AND WEEKENDS; H. HAVE PROGRAM BACKUP CAPABILITIES THAT PREVENT THE LOSS OF THE DEVICE'S PROGRAM AND

LUMINAIRE CUTOFF REQUIREMENTS:

TIME SETTING FOR AT LEAST 10 HOURS IF POWER IS INTERRUPTED.

ALL OUTDOOR LUMINAIRES THAT USE LAMPS RATED GREATER THAN 175 WATTS IN HARDSCAPE AREAS INCLUDING PARKING LOTS, BUILDING ENTRANCES, SALES AND NON-SALES CANOPIES, AND ALL OUTDOOR SALES AREAS SHALL BE DESIGNATED 'CUTOFF' FOR LIGHT DISTRIBUTION.

CONTROLS FOR OUTDOOR LIGHTING:

A. ALL PERMANENTLY INSTALLED OUTDOOR LIGHTING SHALL BE CONTROLLED BY A PHOTOCONTROL OR ASTRONOMICAL TIME SWITCH THAT AUTOMATICALLY TURNS OFF THE OUTDOOR LIGHTING WHEN DAYLIGHT B. FOR LIGHTING OF BUILDING FACADES, PARKING LOTS, GARAGES, SALES AND NON-SALES CANOPIES, AND ALL OUTDOOR SALES AREAS, WHERE TWO OR MORE LUMINAIRES ARE USED, AN AUTOMATIC TIME SWITCH SHALL BE INSTALLED THAT (1) TURNS OFF THE LIGHTING WHEN NOT NEEDED, AND, (2) REDUCES THE LIGHTING POWER (IN WATTS) BY AT LEAST 50% BUT NOT EXCEEDING 80%, OR

PROVIDES CONTINUOUS DIMMING THROUGH A RANGE THAT INCLUDES 50% THROUGH 80% REDUCTION.

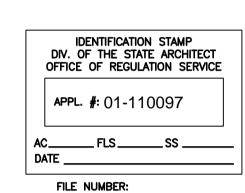
GENERAL NOTES

- THE (5) TYPE 'MM14' SIGN WALL UPLIGHT FIXTURES ARE EXEMPT FROM THE LUMINAIRE CUTOFF REQUIREMENT PER TITLE 24 SEC. 132(b), EXCEPTION #1: "...EXTERNALLY ILLUMINATED ... SIGNS."
- B THE (3) TYPE 'MM16' FLAGPOLE UPLIGHTING FIXTURES ARE EXEMPT FROM THE LUMINAIRE CUTOFF REQUIREMENT PER TITLE 24 SEC. 132(b), EXCEPTION #2: "LIGHTING FOR ... PUBLIC MONUMENTS ... "
- POOL AREA LIGHTING IS NOT REGULATED BY TITLE 24 REQUIREMENTS, AS PER TABLE 6-1, OF SECTION 6.1.2 "SCOPE OF APPLICATION", OF 2005 NON-RESIDENTIAL COMPLIANCE MANUAL.

McCarthy Building Companies, Inc. 343 Sansome Street, 14th Floor San Francisco, California 94104 P 415 | 364-1339 F 415 397-5999

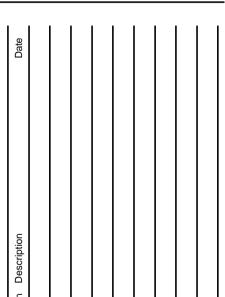
BUILDING QUALITY BUILDING VALUE Rosendin ELECTRIC www.rosendin.com





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09 APRIL 2009 **REI CAD TEAM**

Compliance

DRAWING OF RECORD ROSENDIN ELECTRIC, INC.

DATE: 11/04/11

CERTIF	ICATE OF C	OMPLIAN	CE	(Part 1 of 2)	(OLTG-1-C
	F SAN MATEO – PA	RKING LOTS 1,	, 2 & 3		DATE 12-3	30-09
PROJECT ADDRESS 1700 WEST I	s HILLSDALE BLVD., :	SAN MATEO, C	Α.			
PRINCIPAL DESIGNI DALJIT GILL	ER-LIGHTING	,		TELEPHONE (408)-321-2200		Building Permit
DOCUMENTATION A SUSAN FERI				TELEPHONE (408)-321-2200	E	Checked by/Date nforcement Agency Use
GENERAL INFORM	MATION					
DATE OF PLANS		UTDOOR LIGHTING 2	ZONE (✔ One)	LZ1 LZ2	LZ3 🔲 LZ	Z4
FUNCTION TYPE	🗖 оитр	OOR LIGHTING	ООТВОС	R SIGNS		OOR SIGNS
PHASE OF CONS	TRUCTION NEW	CONSTRUCTION	ADDITIO	NS	☐ ALT	ERATIONS
STATEMENT OF	COMPLIANCE					
Regulations. This of	Compliance lists outdoor lighting certificate applies only to build preparer hereby certifies that	ing lighting requirements	S.		6 of the Califo	ornia Code of
DOCUMENTATION A SUSAN FERMIL		SIGNATURE				DATE 12-30-09
The proposed build	other compliance forms and ding has been designed to me, Part 6. Please ✓ one:		ecifications, and		s submitted w	ith this permit application.
The proposed build and 149 of Title 24, I hereby affir responsible f I affirm that document as I affirm that structure or type	ding has been designed to me, Part 6. Please ✓ one: I m that I am eligible under the for its preparation; and that I at I am eligible under the proves the person responsible for its I am eligible under the provision of work described as exercised.	et the lighting requirement of Division of Division 3 of preparation; and that I inns of Division 3 of the preparation of Division 3 of	pecifications, and tents contained in on 3 of the Business at am a licensed cone Business and ss and Profession	with any other calculation the applicable parts of S ess and Professions Code civil engineer or electrica and Professions Code by antractor performing this was Code Sections 5537,55	s submitted wections 110, 1 de to sign this lengineer, or I section 5537 ork. this documer	ith this permit application. 19,130 through 132, 146, document as the person I am a licensed architect. 2.2 or 6737.3 to sign this at because it pertains to a
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2005 Nonresidential Compliance Forms

PROJECT NAME COLLEGE OF SAN MATEO − PARKING LOTS 1, 2 & 3 Lighting Schedules on Plans Show that Outdoor Lighting Meets Allowed Lighting Power ✓ Lighting power allowances for general site illumination on OLTG-2-C Part 1 of 4 Not Applicable Lighting power allowances for local ordinances or for security multipliers on OLTG-2-C Part 2 of 4 Not Applicable Lighting power allowances for specific applications, other than vehicle service stations with canopies on OLTG-2-C P Not Applicable Lighting power allowances for vehicle service station canopies on OLTG-2-C Part 4 of 4 Not Applicable Sign lighting compliance on OLTG-4-C Not Applicable Mandatory Measures on Plans Show that Outdoor Lighting Meets Outdoor Lighting Controls and Equindicate location on plans of Note Block for Mandatory Measure ✓ Installed lighting power has been determined in accordance with § 130(c)1 Not Applicable All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) Not Applicable All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances and all outdoor sales areas meet the Cutoff Requirements of § 132(b)
Lighting Schedules on Plans Show that Outdoor Lighting Meets Allowed Lighting Power ✓ Lighting power allowances for general site illumination on OLTG-2-C Part 1 of 4 Not Applicable Lighting power allowances for local ordinances or for security multipliers on OLTG-2-C Part 2 of 4 Not Applicable Lighting power allowances for specific applications, other than vehicle service stations with canopies on OLTG-2-C P Not Applicable Lighting power allowances for vehicle service station canopies on OLTG-2-C Part 4 of 4 Not Applicable Sign lighting compliance on OLTG-4-C Not Applicable Mandatory Measures on Plans Show that Outdoor Lighting Meets Outdoor Lighting Controls and Equindicate location on plans of Note Block for Mandatory Measure ✓ Installed lighting power has been determined in accordance with § 130(c)1 Not Applicable All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) Not Applicable All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
□ Not Applicable □ Lighting power allowances for local ordinances or for security multipliers on OLTG-2-C Part 2 of 4 □ Not Applicable □ Lighting power allowances for specific applications, other than vehicle service stations with canopies on OLTG-2-C P □ Not Applicable □ Lighting power allowances for vehicle service station canopies on OLTG-2-C Part 4 of 4 □ Not Applicable □ Sign lighting compliance on OLTG-4-C □ Not Applicable Mandatory Measures on Plans Show that Outdoor Lighting Meets Outdoor Lighting Controls and Equindicate location on plans of Note Block for Mandatory Measure ✓ Installed lighting power has been determined in accordance with § 130(c)1 □ Not Applicable □ All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) □ Not Applicable □ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
□ Lighting power allowances for local ordinances or for security multipliers on OLTG-2-C Part 2 of 4 □ Not Applicable □ Lighting power allowances for specific applications, other than vehicle service stations with canopies on OLTG-2-C P □ Not Applicable □ Lighting power allowances for vehicle service station canopies on OLTG-2-C Part 4 of 4 □ Not Applicable □ Sign lighting compliance on OLTG-4-C □ Not Applicable □ Mandatory Measures on Plans Show that Outdoor Lighting Meets Outdoor Lighting Controls and Equindicate location on plans of Note Block for Mandatory Measure ✓ Installed lighting power has been determined in accordance with § 130(c)1 □ Not Applicable □ All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) □ Not Applicable □ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
 ✓ Not Applicable Lighting power allowances for vehicle service station canopies on OLTG-2-C Part 4 of 4 ✓ Not Applicable ✓ Sign lighting compliance on OLTG-4-C ✓ Not Applicable Mandatory Measures on Plans Show that Outdoor Lighting Meets Outdoor Lighting Controls and Equindicate location on plans of Note Block for Mandatory Measure ✓ Installed lighting power has been determined in accordance with § 130(c)1 ✓ Not Applicable ✓ All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) ✓ Not Applicable ✓ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
 ☑ Not Applicable ☑ Sign lighting compliance on OLTG-4-C ☑ Not Applicable Mandatory Measures on Plans Show that Outdoor Lighting Meets Outdoor Lighting Controls and Equinoicate location on plans of Note Block for Mandatory Measure ✓ ☑ Installed lighting power has been determined in accordance with § 130(c)1 ☑ Not Applicable ☑ All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) ☑ Not Applicable ☑ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
Mandatory Measures on Plans Show that Outdoor Lighting Meets Outdoor Lighting Controls and Equindicate location on plans of Note Block for Mandatory Measure ✓ Installed lighting power has been determined in accordance with § 130(c)1 Not Applicable All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) Mot Applicable All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
Mandatory Measures on Plans Show that Outdoor Lighting Meets Outdoor Lighting Controls and Equindicate location on plans of Note Block for Mandatory Measure ✓ ✓ Installed lighting power has been determined in accordance with § 130(c)1 □ Not Applicable □ All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) ☑ Not Applicable ☑ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
Indicate location on plans of Note Block for Mandatory Measure ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
 ✓ Installed lighting power has been determined in accordance with § 130(c)1 ☑ Not Applicable ☑ All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) ☑ Not Applicable ☑ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
 Not Applicable All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) ✓ Not Applicable ✓ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
 Not Applicable All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) ✓ Not Applicable ✓ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
 □ All permanently installed luminaires with lamps rated over 100 watts either have a lamp efficacy of at least 60 lumens are controlled by a motion sensor § 132(a) ☑ Not Applicable ☑ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
are controlled by a motion sensor § 132(a) ☑ Not Applicable ☑ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
 ✓ Not Applicable ✓ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
☑ All Luminaires with lamps rated greater than 175 watts in hardscape areas, including parking lots, building entrances
□ Not Applicable
☑ All permanently installed outdoor lighting meets the Control Requirements of § 132(c)1
□ Not Applicable
Building facades, parking lots, garages, canopies, and outdoor sales areas meet the Multi-Level Lighting Requiremen
132(c)2
☑ Not Applicable
MANDATORY AUTOMATIC CONTROLS
CONTROL LOCATION CONTROL CONTROL TYPE AREA CONTROLLED
IDENTIFICATION Auto Time Switch/Photosensor, etc
INTEGRATE TOPOLE PC PHOTOCELL SENSORS PARKING LOTS 1, 2 & 3
FIXTURE
<u> </u>

2005 Nonresidential Compliance Forms

April 2005

		LIGHTING FIXTURE SCHEDU	II F					
LIGHTING TIXTORE SCHEDULE LIGHTING FIXTURE CATALOG NUMBERS ARE SERIES TYPE ONLY. PROVIDE TRIMS, BALLASTS, MOUNTING EQUIPMENT, FITTINGS AND LAMPS AS REQUIRED BY THE SPECIFICATIONS AND PROJECT CONDITIONS FOR A COMPLETE INSTALLATION.								
TYPE:	DESCRIPTION:	MANUFACTURER AND	VOLTAGE:	LAMP:	WATTS PER	REMARKS:		
		CATALOG NO.:			LUMINAIRE:			
E1-LED	SINGLE HEAD 'LED' POLE MOUNT EXTERIOR FIXTURE ON 30' TALL POLE, OUND TAPERED STEEL, SMOOTH,	BETA LIGHTING: BLD-STR-T2-HT-102-LED-B-UH-SV-R	120v-277v	# of LEDs=120	222			
LI-LLD	GALVANIZED POLE WITH 8' LONG ARM. UL LISTED FOR WET LOCATION	BED-31K-12-111-102-EED-B-011-3V-1K	50-60HZ					
		VALMONT:DS30-660A300-8S-GV-		6000K,				
	SHORT SEMI CUTOFF-TYPE II TWIN-HEAD 'LED' POLE MOUNT EXTERIOR	HH-FBCS BETA LIGHTING:	120v-277v	75CRI # of LEDs=120x(2)	444			
E2-LED	FIXTURE ON 30' TALL POLE, OUND TAPERED STEEL, SMOOTH,	BLD-STR-T2-HT-102-LED-B-UH-SV-R	1200 2770	# 01 LLD3—120x(2)	777			
	GALVANIZED POLE WITH 8' LONG ARM. UL LISTED FOR WET LOCATION		50-60HZ					
	NEMA PHOTOCELL RECEPTACLE	VALMONT:DS30-660A300-8D-GV-		6000K,				
	SHORT SEMI CUTOFF-TYPE II	HH-FBCS		75CRI				

TITLE 24 OUTDOOR LTG. COMPLIANCE NOTES:

ALL AUTOMATIC CONTROL DEVICES SHALL BE CERTIFIED BY THE STATE OF CALIFORNIA AND INSTALLED

EXTERIOR MOUNTED FIXTURES ATTACHED TO OR POWERED BY THE ELECTRICAL SERVICE IN BUILDINGS

THAT CONTAIN CONDITIONED SPACE SHALL BE CONTROLLED WITH A DIRECTIONAL PHOTOCELL CONTROL

B. HAVE THE ABILITY TO INDEPENDENTLY OFFSET THE 'ON' AND 'OFF' TIMES FOR EACH CHANNEL BY 0

C. HAVE A SUNRISE AND SUNSET PREDICTION ACCURACY WITHIN $\pm/-15$ MINUTES AND TIMEKEEPING

H. HAVE PROGRAM BACKUP CAPABILITIES THAT PREVENT THE LOSS OF THE DEVICE'S PROGRAM AND

ALL OUTDOOR LUMINAIRES THAT USE LAMPS RATED GREATER THAN 175 WATTS IN HARDSCAPE AREAS INCLUDING PARKING LOTS, BUILDING ENTRANCES, SALES AND NON-SALES CANOPIES, AND ALL OUTDOOR

A. ALL PERMANENTLY INSTALLED OUTDOOR LIGHTING SHALL BE CONTROLLED BY A PHOTOCONTROL OR ASTRONOMICAL TIME SWITCH THAT AUTOMATICALLY TURNS OFF THE OUTDOOR LIGHTING WHEN DAYLIGHT

B. FOR LIGHTING OF BUILDING FACADES, PARKING LOTS, GARAGES, SALES AND NON-SALES CANOPIES, AND ALL OUTDOOR SALES AREAS, WHERE TWO OR MORE LUMINAIRES ARE USED, AN AUTOMATIC TIME

(2) REDUCES THE LIGHTING POWER (IN WATTS) BY AT LEAST 50% BUT NOT EXCEEDING 80%, OR PROVIDES CONTINUOUS DIMMING THROUGH A RANGE THAT INCLUDES 50% THROUGH 80% REDUCTION.

ON THE ROOF OR AN ASTRONOMICAL TIME SWITCH AND A CORRESPONDING ELECTRICAL CONTACTOR

THAT AUTOMATICALLY TURNS OFF THE EXTERIOR LIGHTING WHEN DAYLIGHT IS AVAILABLE. EXTERIOR LUMINAIRES WITH LAMPS RATED OVER 100 WATTS THAT HAVE A SOURCE EFFICACY OF LESS THAN 60

A. CONTAIN AT LEAST 2 SEPARATELY PROGRAMMABLE CHANNELS PER FUNCTION AREA;

G. BE CAPABLE OF PROGRAMMING DIFFERENT SCHEDULES FOR WEEKDAYS AND WEEKENDS;

D. STORE TIME ZONE, LONGITUDE AND LATITUDE IN NON-VOLATILE MEMORY;

AS DIRECTED BY THE MANUFACTURER FOR PROPER CONTROL AND OPERATION.

LUMENS PER WATT SHALL BE CONTROLLED BY A MOTION SENSOR.

THE ASTRONOMICAL TIME-SWITCH CONTROLS SHALL:

ACCURACY WITHIN 5 MINUTES PER YEAR;

3. LUMINAIRE CUTOFF REQUIREMENTS:

4. CONTROLS FOR OUTDOOR LIGHTING:

SWITCH SHALL BE INSTALLED THAT

(1) TURNS OFF THE LIGHTING WHEN NOT NEEDED, AND,

is available.

E. DISPLAY DATE/TIME, SUNRISE AND SUNSET;

TO 99 MINUTES BEFORE OR AFTER SUNRISE OR SUNSET;

F. HAVE AN AUTOMATIC DAYLIGHT SAVINGS TIME ADJUSTMENT;

TIME SETTING FOR AT LEAST 10 HOURS IF POWER IS INTERRUPTED.

SALES AREAS SHALL BE DESIGNATED 'CUTOFF' FOR LIGHT DISTRIBUTION.

1. AUTOMATIC CONTROL DEVICES CERTIFIED:

2. CONTROL OF EXTERIOR LIGHTS:

LIGHTING CO	<u>WPLIA</u>	NCE	<u>SUMN</u>	IARY			(Pa	rt 1 c)† 4 <u>)</u>		OL	. I G	<u> 5-2</u>	-C
PROJECT NAME COLLEGE OF SAN MAT		KINCI	OTC 1 2.9	2						DATE	: 30-09			
					LUMBALATION	/Table	147 A			12-	30-09			
LIGHTING POWER		lotted Wa			Luminaire	(Table	147 -A		Dalla sés		l n o	امحالما	10/044	
Α	В	C C	D D	E	F	G	Н	Lamps/I	Janasts	K		M	Watts N	0
Lighting Applications Category (Table 147-A)	Area (ft²) or Length (LF)	Allotted LPD W/ft ² or W/LF	Allotted Watts (B x C)	Code for Luminaire Type	Description	Cutoff Designation	: Lamp Type	Number of Lamps per Luminaire	Watts per Lamp	Number of Ballast per Luminaire	per Lur	./	of L	Installed Watts (LxN)
PARKING LOT 1-VEHICULAR PARKING/DRIVEWAY	237,469	0.15	35,620	E1-LED	SINGLE HEAD-LED FIXT. ON 30' POLE	II	LED	# of LED = 120			222		3	666
PARKING LOT 1 - PEDESTRIAN WALKWAY	14,455	0.17	2,457	E2-LED	TWIN-HEAD-LED FIXT. ON 30' POL	II	LED	# of LED = 240			444		15	6,660
PARKING LOT 2-VEHICULAR PARKING/DRIVEWAY	193,345	0.15	29,002	E1-LED	SINGLE HEAD-LED FIXT. ON 30' POLE	II	LED	# of LED = 120			222		7	1,554
PARKING LOT 2 - PEDESTRIAN WALKWAY	9,892	0.17	1,682	E2-LED	TWIN-HEAD-LED FIXT. ON 30' POL	II	LED	# of LED = 240			444		10	4,440
PARKING LOT 3-VEHICULAR PARKING/DRIVEWAY	61,939	0.15	9,291	E2-LED	TWIN- HEAD-LED FIXT. ON 30' POLE	II	LED	# of LED = 240			444		7	3,108
PARKING LOT 3 - PEDESTRIAN WALKWAY	1,639	0.17	279											
	Total Allotte	ed Watts	78,331 WATTS							Total	Installed W	atts	16,426 WAT	

April 2005

ILLUMINATED AREA	CALCULATION	WORKS	MEEI (F	'art 1	OT 5)	<u> </u>	LTG-3-C
PROJECT NAME COLLEGE OF SAN MATEO — PARK	ING LOTS 1, 2 & 3					12-30-09	
Hardscape - Method (i)							
A. Hardscape for automotive vel	hicular use, including par	king lots, driv	eways and si	te roads			
Α	В	С	D	E	F	G	Н
	Actual Paved Area plus 5' perimeter of adjacent	Area	s (ft ²) to Subtract f	rom within I	lluminated Are	a	
List Specific Application (Table 147-A)	unpaved land. Includes planters and landscaped areas less than 10' wide that are enclosed by hardscape on at least 3 sides	Areas between poles or luminaires that are greater than 6 mounting height distance (If Applicable)	Overlapping Areas of Another Application or Luminaire	Building Areas	Areas Obstructed By Sign or Other Structure	Sub Total of areas to Subtract (C +D + E + F)	Illuminated Area (B – G)
PARKING LOT/DRIVEWAY -1	237,469	0	0	0	0	0	237,469
PARKING LOT/DRIVEWAY-2	193,345	0	0	0	0	0	193,345
PARKING LOT/DRIVEWAY-3	61,939	0	0	0	0	0	61,939
B. Hardscape for pedestrian us	e, including plazas, sidew	 valks, walkwa <u>y</u>	s and bikewa	ays			
А	В	С	D	Е	F	G	Н
	Actual Paved Area plus 5	Area					
List Specific Application (Table 147-A)	of unpaved land on either side of path of travel. Shall include all contiguous paved area before including adjacent grounds.	Areas between poles or luminaires that are greater than 6 mounting height distance (If Applicable)	Overlapping Areas of Another Application or Luminaire	Building Areas	Areas Obstructed By Sign or Other Structure	Sub Total of areas to Subtract (C +D + E + F)	Illuminated Area (B – G)
WALKŴAYS – PARK. LOT 1	14,455	0	0	0	0	0	14,455
WALKWAYS – PARK. LOT 2	9,892	0	0	0	0	0	9,892
WALKWAYS – PARK, LOT 3	1,639	0	0	0	0	0	1,639

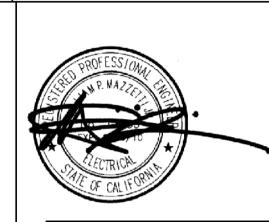
□ § 147(c)1 B – Each portion of all illuminated areas has been assigned only one lighting application, and the applications are consistent with the actual use of the areas.
□ § 147(c)1 A - General illumination areas includes only those illuminated areas that are in the bounds of the Application and are within a square pattern around a luminaire that is six times the luminaire mounting height, with the luminaire in the middle of the pattern, less any areas that are within buildings, under canopies, beyond property lines, or 2005 Nonresidential Compliance Forms

DRAWING OF RECORD ROSENDIN ELECTRIC, INC.

DATE: 11/04/11

McCarthy Building Companies, Inc. 343 Sansome Street, 14th Floor San Francisco, California 94104 P 415 | 364-1339 F 415 397-5999

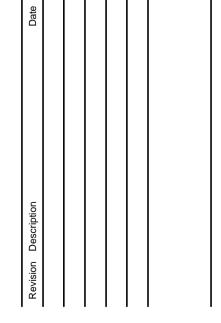
BUILDING QUALITY BUILDING VALUE BUILDING PEOPLE ROSENDIN ELECTRIC www.rosendin.com CORPORATE HEADQUARTERS SAN JOSE, CA (408) 286—2800 Arizona California Nevada New Mexico Oregon



OFFICE OF REGULATION SERVICE APPL. #: 01-110097 AC_____ FLS_____SS ____ FILE NUMBER:

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30 DEC 2009 **REI CAD TEAM**

> Parking Lots 1, 2 & 3 Compliance

DESCRIPTION:	MANUFACTURER AND	VOLTAGE:	LAMP:	WATTS PER	REMARKS:
23 FT. TALL BY 5" DIA. POLE—MOUNT SINGLE FIXTURE ON FLUSH BASE PER DETAIL 2/SEO.04, WITH CAST ALUMINUM HOUSING, IP66 COMPLIANT SILICONE GASKETING SEAL, TEMPERED CLEAR GLASS LENS, TYPE 'V' OPTICAL DISTRIBUTION, POLYESTER POWDER COAT PAINT COLOR TO BE DETERMINED BY BY ARCHITECT, AND STRAIGHT ROUIND STEEL POLE. LISTED FOR WET LOCATION. "DARK SKY" COMPLIANT CUTOFF LIGHT DISTRIBUTION. POLE & FIXTURE OVERALL HEIGHT @ 25 FT.	CATALOG NO.: DIVERSIFIED: 2307-2-A002-250MP-T3-277-BR-PS- DARK SKY	277V	2-400W/ED28 PULSE START METAL HALIDE	LUMINAIRE: 452	
20 FT. TALL BY 5" DIA. POLE—MOUNT FIXTURE SIMILAR TO TYPE 'B', EXCEPT WITH RAISED BASE PER DETAIL 3/SE0.04. RAISED BASED, POLE & FIXTURE OVERALL HEIGHT 25 FT.	COOPER LIGHTING INVUE MESA MSA-400-MP-MT-5S-FG-XX-L POLE: COOPER SRX5M21S-5G	277V	1-400W/ED28 PULSE START METAL HALIDE	452	
DUAL ARM POLE MOUNT FIXTURE SIMILAR TO TYPE 'B' ON FLUSH MOUNT BASE.	COOPER LIGHTING INVUE MESA MSA-400-MP-MT-5S-FG-XX-L POLE: COOPER SRX5M21S-5G DUAL ARM: COOPER VA6028-XX	277V	2-400W/ED28 PULSE START METAL HALIDE	904	
DUAL ARM POLE MOUNT FIXTURE SIMILAR TO TYPE 'B' ON RAISED BASE PER DETAIL 3/SE0.04. 20 FT. TALL BY 5" DIA. POLE RAISED BASED, POLE & FIXTURE OVERALL HEIGHT 25 FT.	DIVERSIFIED: 2307-2-A002-250MP-T3-277-BR-PS- DARK SKY	277V	2-400W/ED28 PULSE START METAL HALIDE	904	
17 FT. TALL BY 4" DIA. POLE-MOUNT SINGLE FIXTURE ON FLUSH BASE PER DETAIL 2/SE0.04, WITH CAST ALUMINUM HOUSING, IP66 COMPLIANT SILICONE GASKETING SEAL, TEMPERED CLEAR GLASS LENS, TYPE 'II' OPTICAL DISTRIBUTION, POLYESTER POWDER COAT PAINT COLOR TO BE DETERMINED BY BY ARCHITECT, AND STRAIGHT ROUIND STEEL POLE. LISTED FOR WET LOCATION. "DARK SKY" COMPLIANT CUTOFF LIGHT DISTRIBUTION.	DIVERSIFIED: 2307-1-A002-150MH-T2-277-BR-PS- DARK SKY	277V	1-150W/ED17 PULSE START METAL HALIDE	185	
42" TALL BY 8" DIA. LIGHT BOLLARD ON FLUSH BASE PER DETAIL 1/SE0.04, OF SPUN AND CAST ALUMINUM WITH CLEAR TEMPERED GLASS JAR LENS. BAKED ENAMEL PAINT COLOR TO BE DETERMINED BY ARCHITECT. LISTED FOR WET LOCATION.	ALLSCAPE LL-314-100W MH E17-277-41"-Finish Finish T.B.D.	277V	1-100W/ED17 PULSE START METAL HALIDE	185	
17 FT. TALL BY 4" DIA. POLE-MOUNT SINGLE FIXTURE ON FLUSH BASE PER DETAIL 2/SEO.04, WITH HEAVY GAUGE ALUMINUM HOUSING, IP66 COMPLIANT SILICONE GASKETING SEAL, TEMPERED CLEAR GLASS LENS, TYPE 'III' OPTICAL DISTRIBUTION, POLYESTER POWDER COAT PAINT COLOR TO BE DETERMINED BY BY ARCHITECT, AND STRAIGHT ROUIND STEEL POLE. LISTED FOR WET LOCATION. "DARK SKY" COMPLIANT CUTOFF LIGHT DISTRIBUTION.	DIVERSIFIED: 2307-1-A002-200MP-T3-277-BR-PS- DARK SKY	277V	1-200W/T15 PULSE START METAL HALIDE	232	
SAME AS "MM3" EXCEPT DOUBLE HEAD DISTRIBUTION, SIMILAR TO TYPE 'MM3', ON FLUSH BASE PER DETAIL 2/SE0.04.	DIVERSIFIED: 2307-1-A002-200MP-T3-277-BR-PS- DARK SKY	277V	1-200W/T15 PULSE START METAL HALIDE	232	
POLE-MOUNT FIXTURE SIMILAR TO TYPE 'MM3', EXCEPT WITH TYPE "II" OPTICAL DISTRIBUTION	DIVERSIFIED: 2307-1-A002-200MP-T2-277-BR-PS- DARK SKY	277V	1-200W/T15 PULSE START METAL HALIDE	232	
POLE-MOUNT SINGLE HEAD FIXTURE WITH TYPE 'IV' OPTICAL DISTRIBUTION, SIMILAR TO TYPE 'MM3', ON FLUSH BASE PER DETAIL 2/SE0.04.	COOPER LIGHTING INVUE MESA MSA-200-MP-MT-4S-FG-XX-L POLE: COOPER SRX4A17S-5G	277V	1-200W/T15 PULSE START METAL HALIDE	232	
POLE-MOUNT SINGLE HEAD FIXTURE WITH TYPE 'V' OPTICAL DISTRIBUTION, SIMILAR TO TYPE 'MM3', ON FLUSH BASE PER DETAIL 2/SE0.04.	COOPER LIGHTING INVUE MESA MSA-200-MP-MT-5S-FG-XX-L POLE: COOPER SRX4A17S-5G	277V	1-200W/T15 PULSE START METAL HALIDE	232	
POLE-MOUNT SINGLE HEAD FIXTURE WITH 'FORWARD THROW' AND 'SPILL LIGHT ELIMINATOR' DISTRIBUTION, SIMILAR TO TYPE 'MM3', ON FLUSH BASE PER DETAIL 2/SE0.04.	COOPER LIGHTING INVUE MESA MSA-200-MP-MT-SL-FG-XX-L POLE: COOPER SRX4A17S-5G	277V	1-200W/T15 PULSE START METAL HALIDE	232	
WALL MOUNT SINGLE FIXTURE WITH CAST ALUMINUM HOUSING, IP66 COMPLIANT SILICONE GASKETING SEAL, TEMPERED CLEAR GLASS LENS, 'FORWARD THROW' AND 'SPILL LIGHT ELIMINATOR' DISTRIBUTION, POLYESTER POWDER COAT PAINT COLOR TO BE DETERMINED BY BY ARCHITECT, AND STRAIGHT ROUIND STEEL POLE. LISTED FOR WET LOCATION. "DARK SKY" COMPLIANT CUTOFF LIGHT DISTRIBUTION.	DIVERSIFIED: 2307-1-A002-200MP-T3-277-BR-PS- DARK SKY	277V	1-200W/ED28 PULSE START METAL HALIDE	232	
RECESSED LOW-LEVEL LED LIGHT FIXTURE AT TRIANGULAR WALL. LISTED FOR WET LOCATION. WHITE PAINTED FINISH.	IO LIGHTING PLANE STEPLIGHT 0-01-SL-5K5K-100-4-277V	277V	LED 5000K	9.75	
RECESSED STEPLIGHT FOR CONCRETE POUR, LISTED FOR WET LOCATION, WHITE FINISH, ELECTRONIC BALLAST, AND POLYCARBONATE LENS.	FC LIGHTING FCSL504-277V-2/42T-E-WH-PCL	277V	2-42W COMPACT FLUOR.	84	
4' LONG ABOVE GROUND WALLWASH FIXTURE, LISTED FOR WET LOCATION, WITH ELECTRONIC BALLAST, AND FINISH AS SELECTED BY ARCHITECT.	LIGHTWAY FWLA-48-U-1F54HO-FINISH SELECTED BY ARCHITECT	277V	1–54T5H0 3500 K FLUOR.	62	
ABOVE GROUND UPLIGHT AT PILASTER, LISTED FOR WET LOCATION, WITH CENTER REAR SWIVEL KNUCKLE MOUNTING, AND REMOTE 12V TRANSFORMER.	COOPER LTG. CAMBRIA 204-CRS-75MR16-12V-WT; REMOTE 12V TRANSFORMER	277V	1-75W MR16 12V	75	
IN-GROUND UPLIGHT FOR FLAG POLE, LISTED FOR WET LOCATION, WITH ALUMINUM HOUSING, CLEAR FLAT LENS AT 20 DEGREE TILT, AND PULSE START BALLAST.	HYDREL M9820-A-320M-277-SP-FLC20-TBD- TBD-GPSB-?-Finish TBD	277V	1-320W/SPOT ED37 MOGUL METAL HALIDE	365	
SINGLE HEAD 'COBRA' STYLE POLE MOUNT EXTERIOR FIXTURE ON 30' TALL POLE, WITH 6' LONG ARM. SHORT SEMI CUTOFF—TYPE III	GENERAL ELECTRIC MDRL-400-MH-5-A-1-2-R-MS3-1	480V	1-400W METAL HALIDE	452	
TWIN HEAD 'COBRA' STYLE POLE MOUNT EXTERIOR FIXTURE ON 30' TALL POLE, WITH TWO 6' LONG ARMS. SHORT SEMI CUTOFF—TYPE III	GENERAL ELECTRIC MDRL-400-MH-5-A-1-2-R-MS3-1- TWIN	480V	2-400W METAL HALIDE	904	
POOL AREA POLE MOUNTED EXTERIOR FIXTURE WITH 40' TALL POLE, TWIN—HEAD FIXTURE MOUNTING.	MUSCO GREEN GENERATION	480V 3 Phase	2-1500W MZ METAL HALIDE	4733	
SINGLE HEAD 'LEDway Streetlight— Type II' POLE MOUNT EXTERIOR FIXTURE ON 30' TALL POLE, WITH 8' LONG SINGLE ARM. WITH NEMA PHOTOCELL RECEPTACLE.	LIGHTING SYSTEMS: LEDway Streetlight— Type II BLD—STR—T2—HT—102—LED—B—UH—SV—R	480V	#-120 LED	232	LOCATION: PARKING LOTS 1, 2, 3
SINGLE HEAD 'LEDway Streetlight— Type II Medium' POLE MOUNT EXTERIOR FIXTURE ON 30' TALL POLE, WITH 8' LONG SINGLE ARM. WITH NEMA PHOTOCELL RECEPTACLE.	BETA: LEDway Streetlight— Type II Medium STR-LWY-2M-HT-08-C-UL-SV	277V	#-80 LED	194	LOCATION: AT LOOP ROAD
DOUBLE HEAD 'LEDway Streetlight— Type II' POLE MOUNT EXTERIOR FIXTURE ON 30' TALL POLE, WITH 8' LONG DOUBLE ARM.	LIGHTING SYSTEMS: LEDway Streetlight— Type II BLD-STR-T2-HT-102-LED-B-UH-SV-R	480V	#-120 LED (per head)	232 (per head)	LOCATION: PARKING LOTS 1, 2, 3



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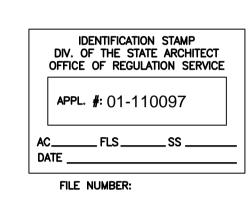
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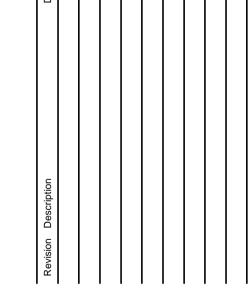


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Revision Description		Date
DSA SUBMITTAL 1	19 SEPT 2008	2008
DSA FINAL	09 APRIL 2009	2009
//> PLAN CHECK COMMENTS-REV 19 OCT 2009	V 19 OCT	2009
$/\frac{1}{2}$ DRAWING OF RECORD	19 OCT 2009	2009
/3/ POOL LTG & TEL/DATA REV	19 OCT 2009	2009
PHASE 1	05 AUG 2010	2010
PHASE 4.1		
FINE ARTS COURTYARD		
DRAWING OF RECORD	04 NOV 2011	2011

JOD. NO.	300065
Date	09 APRIL 2009
Drawn by	REI CAD TEAM
Checked by	TH/SF/RW
Scale	AS SHOWN

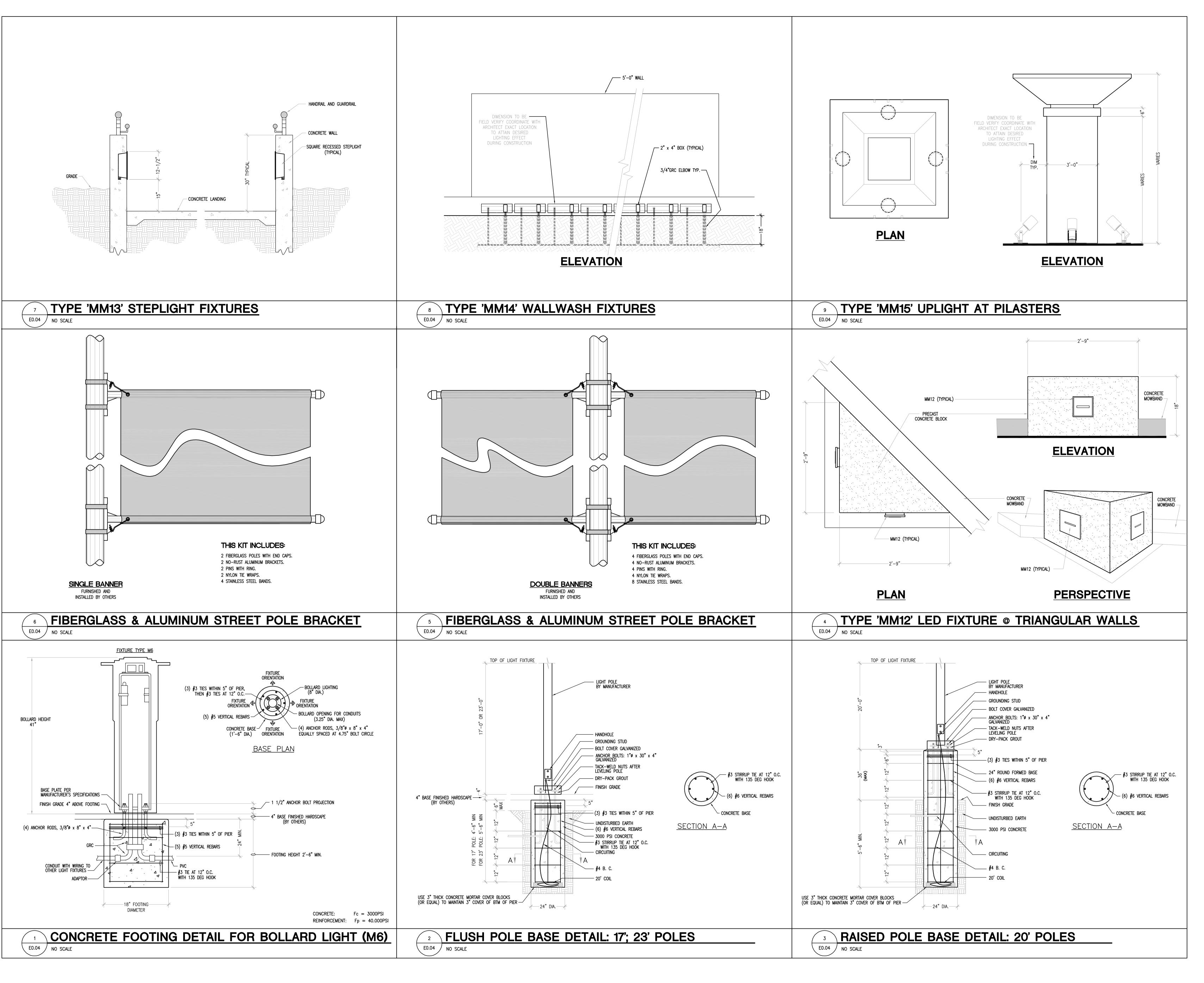
Lighting Fixture Schedule

DRAWING OF RECORD ROSENDIN ELECTRIC, INC.

DATE: 11/04/11

E0.03

L:\Eng_2\Current Projects\College of San Mateo Site Ltg_300085\AS BUILT DRAWINGS_11-03-2011\300085_Site Lt_E0.03_Lighting Fixture Schedule.dwg - Nov 08, 2011 Tuesday - 10:24am - 30x42-Pit - SFERMIL





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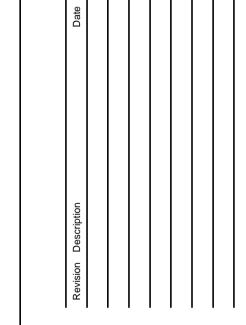
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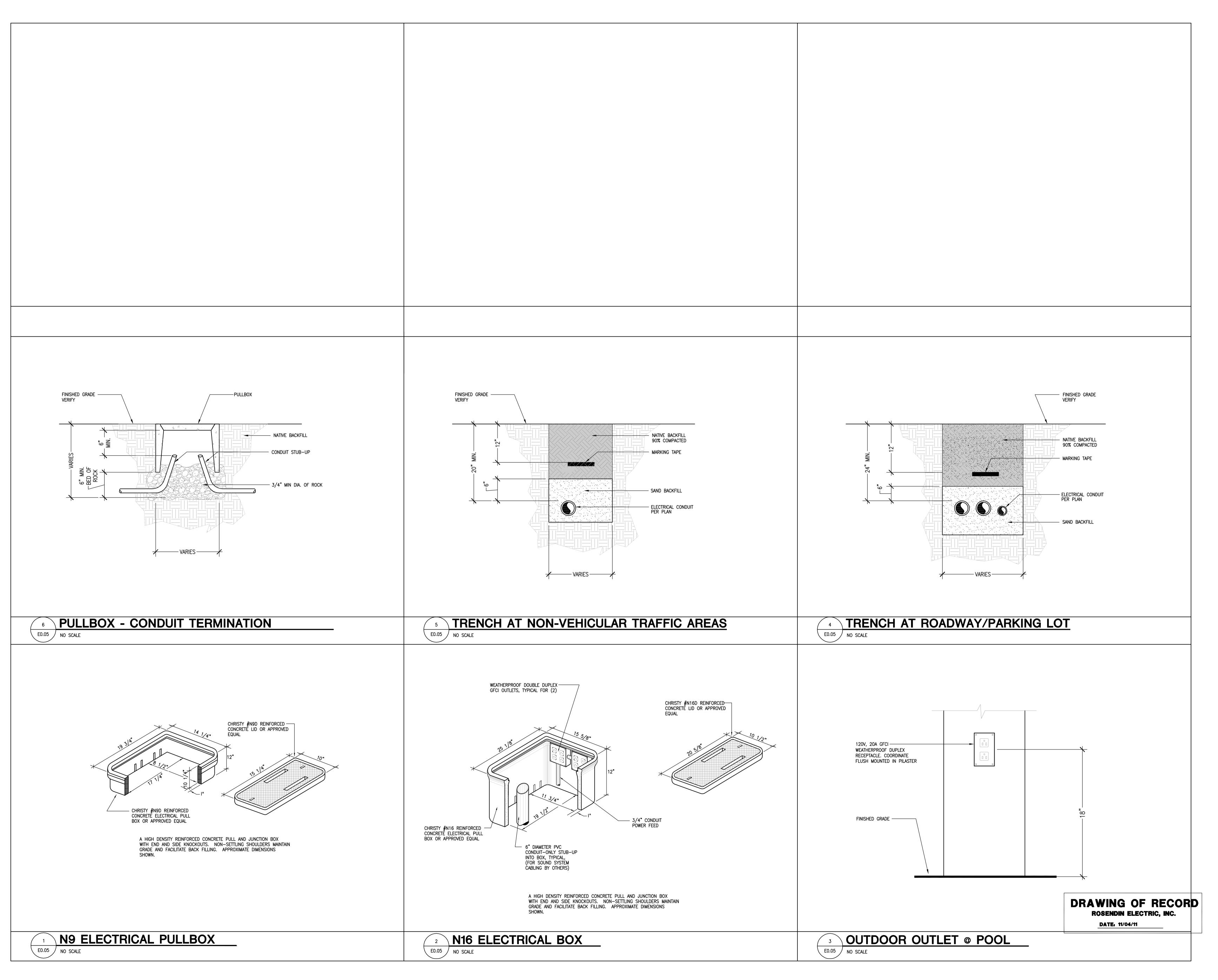
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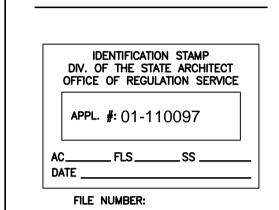
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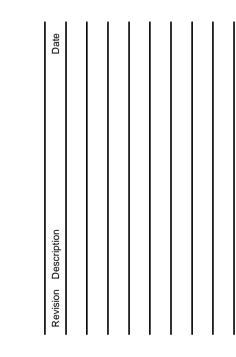




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Electrical Details	
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