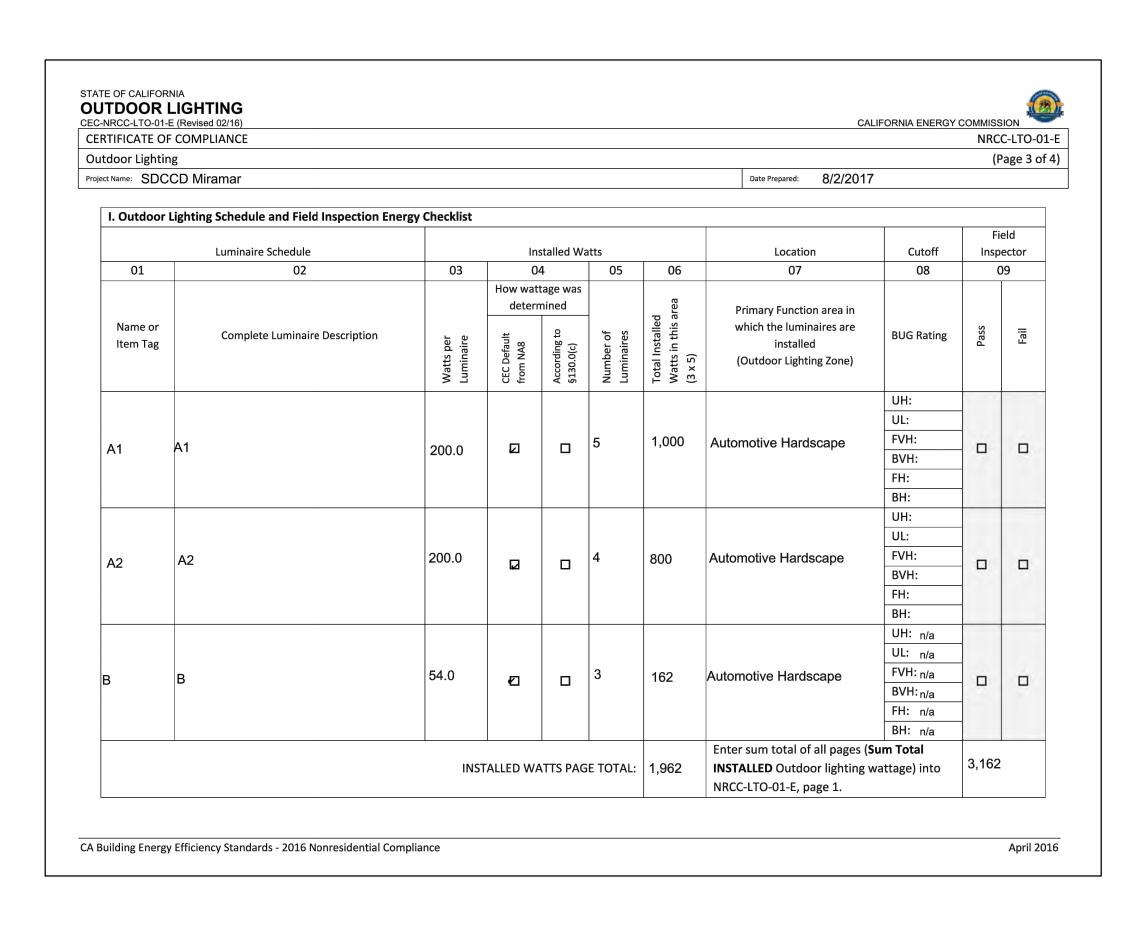
	CC-LTO-01-E (Revised 04/16)					CALIFO	ORNIA ENERGY COMMISSION
	FICATE OF COMPLIANCE						NRCC-LTO-01
	oor Lighting BOCCD Miramar					ate Prepared:	(Page 1 of
riojectiv	anne. ODCOD IVIII at i lai					ite rrepareu.	0/2/2017
A. Ge	neral Information						
Proje	ct Address: 10440 Blac	k Mountain Rd San Diego	o, C	A 92126		Total Illu	uminated Hardscape Area: 144,953
Phase	of Construction:	New Construction		☐ Addition		☐ Alt	teration
Outdo	oor Lighting Zone (LZ)	□ LZ-1		□ LZ-2	2	☑ LZ-3	□ LZ-4
I have	confirmed with the AHJ	which LZ applies to this site	e. F	or default lightir	ng zone design	ations, se	e Title 24 Part 6, §10-114
B. Lig	hting Compliance Docur	nents (check box for each d	ocu	ment included)			
For de	tailed instructions on the u	se of this and all Energy Efficie	ncy S	 itandards complia	nce documents,	refer to th	 ne Nonresidential Manual
	hed by the California Energy		•	•	•	,	
⊿	NRCC-LTO-01-E	Certificate of Compliar	ıce				
Q	NRCC-LTO-02-E	Outdoor Lighting Cont	rols (Certificate of Com	pliance		
₽	NRCC-LTO-03-E	Outdoor Lighting Powe	er All	owance Certificat	e of Compliance	e .	
	NRCC-LTO-04-E	Outdoor Lighting Existi	ing C	onditions Certific	ate of Complian	ce	
C. Su	mmary of Allowed Outd						Watts
	Sum Total ALLOWI	ED Outdoor Lighting Wattag	ge fr	om NRCC-LTO-0	3-E, page 1	0.400	
01		O increase of connected lig owed wattage from NRCC-L			ad use the	8,463	
		Complies ONLY if In			llowed (Box 0	1)	
02	Sum Total INSTALL	ED Outdoor Lighting Wattag	ge fr	om NRCC-LTO-0	1-E, page 3.	3,162	
			,			<u> </u>	
		stallation Certificates on Certificates that will be subn	nitte	d. (Retain copies a	and verify comp	liance doci	uments are completed and
☑ NR	CI-LTO-01-E - Must be subm	nitted for all buildings					☐ Field Inspector
	CI-LTO-02-E - Must be subm	nitted for a lighting control syst	tem,	or for an Energy I	Management Co	ontrol	☐ Field Inspector
Decla	•	ertificates of Acceptance tificates of Acceptance that wi	ill be	submitted. (Reta	in copies and νε	rify compli	iance documents are completed
		mitted for outdoor lighting con	itrols	 5.			☐ Field Inspector
	·						
F. Sch	edule of Luminaires Exe	mpt from the Outdoor Ligh	nting	Power Require	ments in §14	0.7	
	01			<u> </u>	02		
	Name or Symbol	Description	of	exempt luminair	e in accordance	e with th	e exemptions
			-				

CEC-NRCC-LTO-01-E (Revised 04/16)	CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE	NRCC-LTO-C
Outdoor Lighting	(Page 2 c
Project Name: SDCCD Miramar	Date Prepared: 8/2/2017
G Schedule of Luminaires Exemn	ot from the Cutoff Requirements in §130.2(b)
01	02
Name or Symbol	Description of exempt luminaire in accordance with the exemptions
	ot from the Outdoor Lighting Control Requirements in §130.2(c)
01 Name or Symbol	02 Description of exempt luminaire in accordance with the exemptions
ivanie or symbol	Description of exempt fulfilliane in accordance with the exemptions
I	



	E (Revised 02/16) F COMPLIANCE						OAL	IFORNIA ENERGY	NRC	
utdoor Lightii	ng								(1	Page
ject Name: SDC	CCD Miramar						Date Prepared: 8/2/2017			
I. Outdoor	Lighting Schedule and Field Inspection Ene	rgy Checklist								ield
	Luminaire Schedule		In	stalled W	atts		Location	Cutoff	Insp	
01	02	03	0)4	05	06	07	08	(09
				tage was						
			deteri	mined T	-	Total Installed Watts in this area (3 x 5)	Primary Function area in			
Name or	Complete Luminaire Description		# <u></u>	9, 10	of Ges	Total Installed Watts in this a (3 x 5)	which the luminaires are installed	BUG Rating	Pass	:
Item Tag		Watts per Luminaire	Defa 1 NA8	ording 0.0(c)	nber	al Ins :ts in	(Outdoor Lighting Zone)		-	
		Wat	CEC Default from NA8	According to §130.0(c)	Number of Luminaires	Total Ir Watts i (3 x 5)	(**************************************			
								UH: _{n/a}	1	
								UL: _{n/a}		
B2	B2	54.0			16	864	Automotive Hardscape	FVH: _{n/a}		
DZ		34.0		"				BVH: n/a		
						FH: n/a				
								BH: n/a		
								UH: n/a		
							A face C a Handana	UL: _{n/a}		
С	С	112.0	₽		3	336	Automotive Hardscape	FVH: n/a		
								BVH: _{n/a} FH: _{n/a}		
								BH: n/a	-	
								UH:		-
								UL:		
				_				FVH:		١.,
								BVH:		
								FH:		
								BH:	,	
							Enter sum total of all pages (S		2 460	,
		INS	TALLED W	ATTS PAG	SE TOTAL:	1,200	INSTALLED Outdoor lighting w	vattage) into	3,162	•
							NRCC-LTO-01-E, page 1.			



	RCC-LTO-02-E (Revised 08/16) IFICATE OF COMPLIANCE	CALIFORNIA ENERGY COMMISSION NRCC-LTO-02-
Outdo	oor Lighting Controls	(Page 1 of 3
Project N	Name: SDCCD Miramar	Date Prepared: 8/2/2017
Check R R I I I I I I I I I I I I I I I I I	n accordance with §130.4(b).	trol system in accordance with §110.9. An Installation Certificate shall be submitted in §110.9 and shall be installed in accordance with the manufacturer's instructions in requirements in Section 110.9(b)5. The with Section 130.0(c), shall be controlled by a motion sensor.
r ii	requirements in accordance with Section 130.2(b). All installed outdoor lighting shall be controlled by a photocontrol or outdoor astronaccordance with Section 130.2(c)1. All installed outdoor lighting shall be independently controlled from other electrica all installed outdoor lighting, where the bottom of the luminaire is mounted 24 fee accordance with Section 130.2(c)3. For Outdoor Sales Frontage, an automatic lighting control shall be installed in accordance with Section 130.2(c)3.	nomical time-switch control, or other control capable of automatically switching OFF I loads by an automatic scheduling control in accordance with Section 130.2(c)2. It or less above the ground, shall be controlled with automatic lighting controls in dance with Section 130.2(c)4. It is attached to the control of the con

SPECIAL NOTES FOR MIRAMAR COLLEGE:

THE FOLLOWING NOTES PROVIDED BY THE DISTRICT FOR

CONTRACTOR REFERENCE:

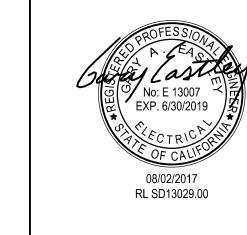
CAUTION:

1. THE CONTRACTOR MAY ENCOUNTER OLD MILITARY
ORDNANCE. THE CONTRACTOR SHALL NOTIFY THE
DISTRICT IMMEDIATELY IF THEY ENCOUNTER ANY
ORDNANCE

ORDNANCE.

2. GEOTECHNICAL INVESTIGATIONS FOR THE SURROUNDING IMPROVEMENTS DESCRIBE THE UNDERLYING SOILS AS SANDY CLAY OVER HIGHLY CEMENTED GRAVEL AND COBBLE CONGLOMERATE (LINDA VISTA FORMATION AND STADIUM CONGLOMERATE). NO GROUNDWATER WAS ENCOUNTERED. TRENCHING INTO THE LINDA VISTA FORMATION AND STADIUM CONGLOMERATE WILL BE DIFFICULT AND MAY REQUIRE HEAVY EQUIPMENT.



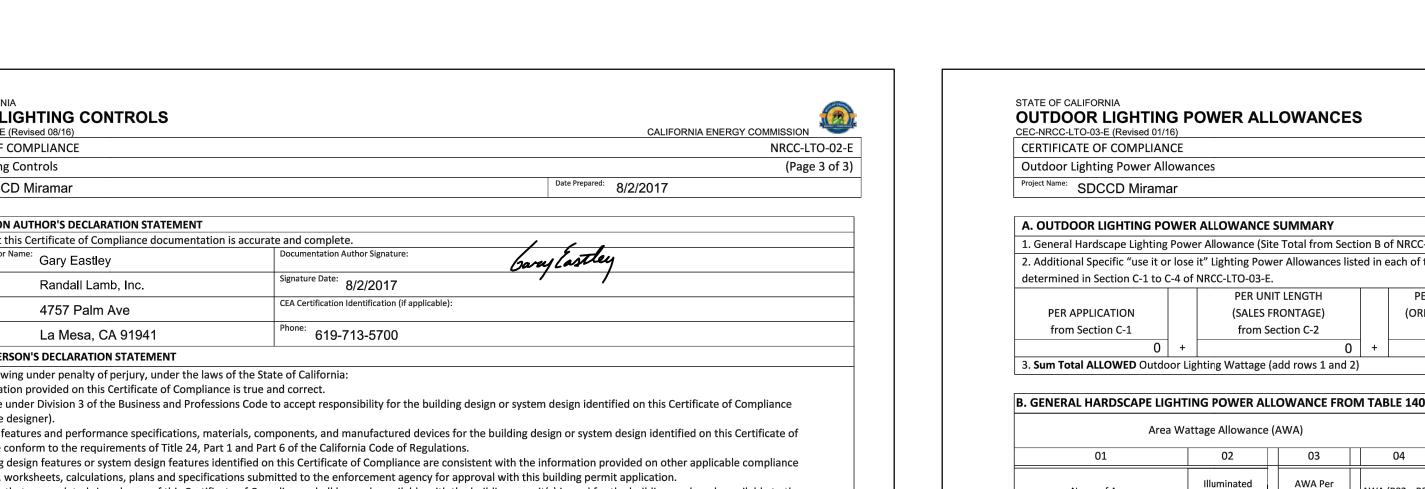


APPROVED BY	APPROVED BY	DRAWN RG	TITLE 24 COMPLIANCE DOCUMENTATION	١
		CHECKED	MIRAMAR COLLEGE INFRASTRUCTURE AND SITE	DATE SEPTEMBER 12, 2017
		REVISION	DEVELOPMENT PHASE II (SOUTH) SCOPE "B"	SHEET 42
		<u> </u>		E-5.1
D.S.A.	DISTRICT ARCHITECT		SAN DIEGO COMMUNITY COLLEGE DISTRICT	of 46

20

(Page 1 of 4)

January 2016



STATE OF CALIFORNIA DUTDOOR LIGHTING CON EC-NRCC-LTO-02-E (Revised 08/16)	ITROLS						CALIFO	RNIA ENER	GY COMMI	SSION	
CERTIFICATE OF COMPLIANCE									NI	RCC-LTC	
Outdoor Lighting Controls										(Page 2	2 of 3)
Project Name: SDCCD Miramar					Date P	repared: 8/2	2/2017				
B. Mandatory Outdoor Lighting Co	ntrol Schedule and Field Inspection Checklist										
Outdo	or Lighting Control Schedule		(~			omplying enter 'E'	With if Exempto	ed)	✓ if Acceptance Test Required	Field Incoentor	
01	02	03	04	05	06	07	08	09	10	1	1
Location and Application of Luminaires Being Controlled	Type/ Description of Lighting Control (i.e. outdoor motion sensor, outdoor photocontrol, outdoor astronomical timeswitch control, automatic scheduling control, part-night outdoor lighting control)	# of Units	§130.2(a)	§130.2(c)1	§130.2(c)2	§130.2(c)3	§130.2(c)4	§130.2(c)5		Pass	Fail
Fixture type A1	Astronomical Time Switch	1		~					□ r		
Fixture type A2	Astronomical Time Switch	1		~					□ '		
Fixture type B	Astronomical Time Switch	1		~					□		
Fixture type B2	Astronomical Time Switch	1		~					□ r		
Fixture type C	Astronomical Time Switch	1		~					□ r		

	LIGHTING CONTROLS						HTING POWER AL	LOWANC	ES			
CEC-NRCC-LTO-02	2-E (Revised 08/16) DF COMPLIANCE			CALIFORNIA ENERGY COM	NRCC-LTO-02-E	CEC-NRCC-LTO-03-E (Re						
Outdoor Light					(Page 3 of 3)	Outdoor Lighting Po						
	CCD Miramar		Date Prepa	red: 8/2/2017	(1.85.5.57)	Project Name: SDCCD						Dat
OD.	COD Milamai			0/2/2011		30000	IVIII ai i i ai					
DOCUMENTATI	ION AUTHOR'S DECLARATION STATEMENT					A. OUTDOOR LIGH	TING POWER ALLOWANCE	E SUMMARY				
1. I certify the	at this Certificate of Compliance documentation is acc	urate and complete.					Lighting Power Allowance (S		ection B of NRCC-LTO	O-03-E)		
Documentation Aut	chor Name: Gary Eastley	Documentation Author Signature:	Carylast	ley			"use it or lose it" Lighting Po				tical to total allo	wed watts
Company:	Randall Lamb, Inc.	Signature Date: 8/2/2017				determined in Section	C-1 to C-4 of NRCC-LTO-03-					
Address:	4757 Palm Ave	CEA Certification Identification (if applicable)	:			PER APPLICATIO		NIT LENGTH FRONTAGE)		HARDSCAPE AREA MENTAL LIGHTING)	PI	ER SPECIFIC
City/State/Zip:	La Mesa, CA 91941	Phone: 619-713-5700				from Section C-		Section C-2		om Section C-3		from Section
RESPONSIBLE F	PERSON'S DECLARATION STATEMENT	L					0 +		0 +	() +	
I certify the foll	lowing under penalty of perjury, under the laws of the	State of California:				3. Sum Total ALLOWE	D Outdoor Lighting Wattage	(add rows 1 and	1 2)			
 The inform I am eligib 	mation provided on this Certificate of Compliance is tru ole under Division 3 of the Business and Professions Co	ue and correct.	ng design or system design id	entified on this Certificate of Comp	liance	B. GENERAL HARDS	CAPE LIGHTING POWER A	LLOWANCE FR	OM TABLE 140.7-	A		
3. The energ	ole designer). sy features and performance specifications, materials, o			tem design identified on this Certifi	cate of		Area Wattage Allowance	e (AWA)		Linear V	Vattage Allowan	ice (LWA)
	ce conform to the requirements of Title 24, Part 1 and ng design features or system design features identifiec			a provided on other applicable com	nlianco	01	02	03	04	05	06	07
document 5. I will ensu	ts, worksheets, calculations, plans and specifications sure that a completed signed copy of this Certificate of C	ubmitted to the enforcement agency for Compliance shall be made available with	approval with this building po the building permit(s) issued	ermit application. for the building, and made available	e to the	Name of Are	Illuminated Hardscape Area	AWA Per Square Foot	AWA (B02 x B03)	Perimeter Length of General Hardscape	LPA per Linear Foot	LW (B05 x
	ent agency for all applicable inspections. I understand ovides to the building owner at occupancy.	that a completed signed copy of this Cei	tificate of Compliance is requ	ired to be included with the docum	lentation the	SDCCD Miramar	Hardscape 144,953	0.040	5,798	6,128	0.350	2,145
Responsible Design		Responsible Designer Signature:	Cary Eastley			CDCCD Williaman	1141,000	0.040	0,700	0,120	1 0.000	2,140
Company :	Randall Lamb	Date Signed: 8/2/20										
Address:	4757 Palm Avenue	License: E 130										
City/State/Zip:	La Mesa, CA 91942	Phone:	35700									
											1	1
											1	
							,		1			
									1			1
							'				1	1
CA Building Energ	gy Efficiency Standards - 2016 Nonresidential Complia	nce			August 2016	CA Building Energy Effi	ciency Standards - 2016 Non	residential Comp	pliance			

CEC-NRCC-LTO-03-E (Revi	HTING POW sed 01/16)						CALI	FORNIA ENERGY CO	OISSIMMC
CERTIFICATE OF COM	1PLIANCE								NRCC-I
Outdoor Lighting Pov									(Pag
Project Name: SDCCD N	/liramar					Date Prepai	red: 8/2/2017		
C ADDITIONAL "LISE I	T OR LOSE IT" C	NITDOOR LIGHT	TING DOWER	ALLOWANCE	S FOR SPECIFIC APPLICATIONS				
					r of the allowed lighting power	or the actual li	ahtina nower	usad	
	_				D-01-E to calculate the specific v			useu.	
- Ose Outdoor Light	ting zone (OLZ)	triat is documen	iteu on page	1 OF NACC-LTC	5-01-L to calculate the specific v	vattage allowa	11003.		
C-1. WATTAGE ALLOW						6 F 1111	D !: C: .:		S
_			_		xits; Primary Entrances to Senic			ons, Hospitals, Fil	e Station
,	•	•	•		Uncovered Fuel Dispenser, ATN	/I Machine Ligh	nting		
☐ If more than one		•		·				T	T
01	02	03	04	05	06	07	08	09	:
<u> </u>	ALL	LOTTED WATTS			DESIGN	WATTS			
Name of Lagretian for	Neverboxes	Wattage	Alletted	Lumaimaina					Alleron
Name of Location for Which Allowance is	Number of	Allowance per	Allotted Watts	Luminaire		Luminaira	Watts nor	Design Watts	Allowe
Claimed	Qualifying Locations	Qualifying Location	(02 x 03)	Code or Symbol	Luminaire Description	Luminaire Quantity	Watts per Luminaire	Design Watts (07 x 08)	(smalle
Clairiled	Locations	Location	(02 X 03)	Зуппоот	Luminaire Description	Qualitity	Luiiiiiaiie	(07 x 08)	<u> </u>
									-
		L				Sum total allo	wance per appl	ication on this site	0
									10
C-2. WATTAGE ALLOV	MANCE PER LINI	T I FNGTH (Sale	s Frontage) fr	rom Table 140	1 7-R				
☐ If more than one lu		•	.						
01	02	03	04	05	06	07	08	09	
	-	ALLOTTED WATTS				I WATTS			<u> </u>
Name of Location for		Wattage	Allotted	Luminaire	DESIGN	WAIIS			Allowe
Which Allowance is	Linear Feet of	Allowance per		Code or		Luminaire	Watts per	Design Watts	(smalle
Claimed	Sales Frontage	1	(02 x 03)	Symbol	Luminaire Description	Quantity	Luminaire	(07 x 08)	(
				,	I				
								ntage on the site:.	_

☐ Allowance for the tota	ar CE PER SQUA					Dat	e Prepared: 8/2/20		(Page 3 of 4
C-3. WATTAGE ALLOWANG	CE PER SQU					Dat	e Prepared: 0/2/20		
☐ Allowance for the tota							0/2/20	17	
☐ Allowance for the tota						l .			
		ARE FOOT OF H	ARDSCAPE	AREA (Ornam	ental Lighting) – Table 140.7	'-В			
	al site illumin	ated hardscap	e area. Lum	inaires qualifyi	ing for this allowance shall be	e rated for 10	0 watts or less	as determined i	n accordance with
Section 130.0(c), a	and shall be p	post-top lumina	ires, lanter	ns, pendant lu	minaires, or chandeliers.				
☐ If more than one lumi	inaire type is	used per locati	on, use mu	ltiple rows for	that location				
01	02	03	04	05	06	07	08	09	10
	ALL	OTTED WATTS			DESIGN	WATTS			
Name of area for which		Wattage	Allotted	Luminaire					
		Allowance per	Watts	Code or		Luminaire	Watts per	Design Watts	Allowed Watts
claimed F	Hardscape	Square Foot	(02 x 03)	Symbol	Luminaire Description	Quantity	Luminaire	(07 x 08)	(smaller of 04 or 09)
					Sum total	allowance for	rnamental ligh	ting on the site:.	0
	Pick-up/Drop	-off zone: Outo	oor Dining;	Special Securi	n Hardscape; Vehicle Service ty Lighting for Retail Parking that location 06	•		09	10
	Δ.	LLOTTED WATT	5		DESIG	N WATTS		I	
Name of Location for	Illuminated	Wattage	Allotted	Luminaire					
Which Allowance is	Area of	Allowance pe		Code or		Luminaire		Design Watts	Allowed Watts
Claimed	Application	square Foot	(02 x 03)	Symbol	Luminaire Description	Quantity	Luminaire	(07 x 08)	(smaller of 04 or 09)
	-1								
	<u> </u>			-					
	·			+					
						Sum total alloy		ic area on the site:	0
		l					. a		U
		1							
		1							

I certify that this Company: Address: City/State/Zip: RESPONSIBLE PERSON	ver Allowances firamar THOR'S DECLARATION STATEMENT ertificate of Compliance documentation is accurate and	Documentation Author Signature: Signature Date: 8/2/2017 CEA Certification Identification (if approximate) Phone: 619-713-5700	Date Prepared: 8/2/2017 bary Castley	C-LTO- age 4
Project Name: SDCCD N DOCUMENTATION AU 1. I certify that this C Documentation Author Name Company: Address: City/State/Zip: RESPONSIBLE PERSON I certify the following to 1. The information process.	THOR'S DECLARATION STATEMENT ertificate of Compliance documentation is accurate and Gary Eastley Randall Lamb, Inc. 4757 Palm Ave La Mesa, CA 91941 'S DECLARATION STATEMENT	Documentation Author Signature: Signature Date: 8/2/2017 CEA Certification Identification (if application series)	Date Prepared: 8/2/2017	
DOCUMENTATION AU 1. I certify that this O Documentation Author Name Company: Address: City/State/Zip: RESPONSIBLE PERSON I certify the following of the company of the company of the certify the following of the certify the information of the certify the information of the certify the company of the certify the following of the certification of the cert	THOR'S DECLARATION STATEMENT Sertificate of Compliance documentation is accurate and Gray Eastley Randall Lamb, Inc. 4757 Palm Ave La Mesa, CA 91941	Documentation Author Signature: Signature Date: 8/2/2017 CEA Certification Identification (if application series)	baruj l'astley	
I certify that this Concumentation Author Name Company: Address: City/State/Zip: RESPONSIBLE PERSON I certify the following to the information person in the concument of the certify the information person in the certify the certify the information person in the certification in the certi	ertificate of Compliance documentation is accurate and Gary Eastley Randall Lamb, Inc. 4757 Palm Ave La Mesa, CA 91941 'S DECLARATION STATEMENT	Documentation Author Signature: Signature Date: 8/2/2017 CEA Certification Identification (if application series)	bary Eastley	
I certify that this Concumentation Author Name Company: Address: City/State/Zip: RESPONSIBLE PERSON I certify the following to the fol	ertificate of Compliance documentation is accurate and Gary Eastley Randall Lamb, Inc. 4757 Palm Ave La Mesa, CA 91941 'S DECLARATION STATEMENT	Documentation Author Signature: Signature Date: 8/2/2017 CEA Certification Identification (if application series)	bary Eastley	
Company: Address: City/State/Zip: RESPONSIBLE PERSON I certify the following to the foll	Gary Eastley Randall Lamb, Inc. 4757 Palm Ave La Mesa, CA 91941	Signature Date: 8/2/2017 CEA Certification Identification (if application of the control of the	bary lastley	
Address: City/State/Zip: RESPONSIBLE PERSON I certify the following to t	4757 Palm Ave La Mesa, CA 91941 'S DECLARATION STATEMENT	CEA Certification Identification (if a	anlicable).	
City/State/Zip: RESPONSIBLE PERSON I certify the following to the information process.	La Mesa, CA 91941		nnlicable).	
RESPONSIBLE PERSON I certify the following to the information process.	'S DECLARATION STATEMENT	Phone: 640, 743, 5700	ррпсавле).	
I certify the following of the following of the information parts of the following of the f		619-713-5700		
1. The information p	under penalty of perjury, under the laws of the State of			
enforcement age			mit(s) issued for the building, and made available to the bliance is required to be included with the documentation bary Lastley	
Company :	Randall Lamb	Date Signed: 8/.	/2/2017	
Address:	4757 Palm Avenue	License: E	13007	
City/State/Zip:	La Mesa, CA 91942	Phone: 61	197135700	

SPECIAL NOTES FOR MIRAMAR COLLEGE: THE FOLLOWING NOTES PROVIDED BY THE DISTRICT FOR CONTRACTOR REFERENCE:

CAUTION:

1. THE CONTRACTOR MAY ENCOUNTER OLD MILITARY ORDNANCE. THE CONTRACTOR SHALL NOTIFY THE DISTRICT IMMEDIATELY IF THEY ENCOUNTER ANY ORDNANCE.

2. GEOTECHNICAL INVESTIGATIONS FOR THE SURROUNDING IMPROVEMENTS DESCRIBE THE UNDERLYING SOILS AS SANDY CLAY OVER HIGHLY CEMENTED GRAVEL AND COBBLE CONGLOMERATE (LINDA VISTA FORMATION AND STADIUM CONGLOMERATE). NO GROUNDWATER WAS ENCOUNTERED. TRENCHING INTO THE LINDA VISTA FORMATION AND STADIUM CONGLOMERATE WILL BE DIFFICULT AND MAY REQUIRE HEAVY EQUIPMENT.





APPROVED BY	APPROVED BY	DRAWN RG	TITLE 24 COMPLIANCE DOCUMENTATION	١
		CHECKED	MIRAMAR COLLEGE INFRASTRUCTURE AND SITE	DATE SEPTEMBER 12, 2011
		REVISION 1	DEVELOPMENT PHASE II (SOUTH) SCOPE "B"	SHEET 43 E-5.2
D.S.A.	DISTRICT ARCHITECT		SAN DIEGO COMMUNITY COLLEGE DISTRICT	of 46