

PANEL: H (EXISTING)					PHASE: 3 WIRE: 4		SCCR: 22 BUSSING: ALUMINUM		NEMA TYPE: 1 MOUNTING: FLUSH CIRCUIT BREAKER:			
QTY	DESCRIPTION	CB	TYPE	LOAD	A	B	C	LOAD	TYPE	CB	DESCRIPTION	QTY
1	EXISTING RECEPTACLES	20/1	R	540	1080			540	R	20/1	EXISTING RECEPTACLES	2
3	EXISTING RECEPTACLES	20/1	R	540		1080		540	R	20/1	EXISTING RECEPTACLES	4
5	EXISTING RECEPTACLES	20/1	R	540			1080	540	R	20/1	EXISTING RECEPTACLES	6
7	EXISTING RECEPTACLES	20/1	R	540	1080			540	R	20/1	EXISTING RECEPTACLES	8
9	EXISTING RECEPTACLES	20/1	R	540		1080		540	R	20/1	EXISTING RECEPTACLES	10
11	EXISTING RECEPTACLES	20/1	R	540			1080	540	R	20/1	EXISTING RECEPTACLES	12
13	EXISTING RECEPTACLES	20/1	R	540	1080			540	R	20/1	EXISTING RECEPTACLES	14
15	EXISTING RECEPTACLES	20/1	R	540		1080		540	R	20/1	NEW UPSTAIRS RECEPTACLES	16
17	EXISTING RECEPTACLES	20/1	R	540			1080	540	R	20/1	NEW UPSTAIRS RECEPTACLES	18
19	EXISTING RECEPTACLES	20/1	R	540	8320			7780	R	40/2	NEW UPSTAIRS RECEPTACLES	20
21	NEW UPSTAIRS RECEPTACLES	20/1	R	540		8320		7780	R	40/2	-	22
23	SPACE						540	540	R	20/1	NEW UPSTAIRS RECEPTACLES	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
					11560	11560	3780					
CONTINUOUS: (C) 0 VA		NON-CONTINUOUS: (N) 0 VA		MCB = YES		MAX. PHASE @ 125% = 120.4 A.						
RECEPTACLE: (R) 26800 VA				MLO = NO		DEMAND TOTAL = 41.9 KVA.						
MOTOR: (M) or (M) 0 VA				(BOTH FEED)								
LIGHTING: (L) 0 VA								@ 125% = 93.4 A.				
KITCHEN > 1750: (K) 0 VA				DEMAND CALCULATION PER ARTICLE 220								

PANEL: I (EXISTING)										NEMA TYPE: 1		
BUSS RATING: 200			PHASE: 3			SCCR: 22			MOUNTING: FLUSH			
VOLTAGE: 120/208			WIRE: 4			BUSSING: ALUMINUM			CIRCUIT BREAKER:			
QTY	DESCRIPTION	CB	TYPE	LOAD	A	B	C	LOAD	TYPE	CB	DESCRIPTION	QTY
1	EXISTING LIGHTING	20/1	L	480	900			420	L	20/1	EXISTING LIGHTING	2
3	EXISTING LIGHTING	20/1	L	480				420	L	20/1	EXISTING LIGHTING	4
5	EXISTING LIGHTING	20/1	L	480			900	420	L	20/1	EXISTING LIGHTING	6
7	EXISTING LIGHTING	20/1	L	480	900			420	L	20/1	EXISTING LIGHTING	8
9	EXISTING LIGHTING	20/1	L	480			840	360	R	20/1	EXISTING RECEPTACLES	10
11	EXISTING LIGHTING	20/1	L	480			840	360	R	20/1	EXISTING RECEPTACLES	12
13	EXISTING LIGHTING	20/1	L	480	840			360	R	20/1	EXISTING RECEPTACLES	14
15	EXISTING LIGHTING	20/1	L	480			840	360	R	20/1	EXISTING RECEPTACLES	16
17	EXISTING LIGHTING	20/1	L	480			840	360	R	20/1	EXISTING RECEPTACLES	18
19	EXISTING LIGHTING	20/1	L	480	840			360	R	20/1	EXISTING RECEPTACLES	20
21	NEW UPSTAIRS LIGHTING	20/1	L	480			840	360	R	20/1	EXISTING RECEPTACLES	22
23	NEW UPSTAIRS RESTROOM LIGHTING	20/1	L	360			720	360	R	20/1	EXISTING RECEPTACLES	24
25	EXISTING HVAC #7	40/3	R	2180	2540			360	R	20/1	EXISTING RECEPTACLES	26
27	-	40/3	R	2180			2540	360	R	20/1	EXISTING RECEPTACLES	28
29	-	40/3	R	2180			2540	360	R	20/1	EXISTING RECEPTACLES	30
31	EXISTING HVAC #8	40/3	R	2180	2180			360	R	20/1	EXISTING RECEPTACLES	32
33	-	40/3	R	2180			2180				SPACE	34
35	-	40/3	R	2180			2180				SPACE	36
37	SUB-PANEL "H"	100/3	R	11560	11560						SPACE	38
39	-	100/3	R	11560			11560				SPACE	40
41	-	100/3	R	3780			3780				SPACE	42
				18760	18700	11800						
CONTINUOUS: (C) 0 VA		(N) 0 VA		MCB = YES		MAX. PHASE @ 125% = 205.8 A						
NON-CONTINUOUS: (N) 43940 VA				MLO = NO		DEMAND TOTAL = 79.9 KVA						
RECEPTACLE: (R) 43940 VA				WIRE (FEED)		= 142.4 A						
MOTOR: (M) or (M) 0 VA						@ 125% = 176.0 A						
LIGHTING: (L) 7320 VA												
KITCHEN > 1750: (K) 0 VA												
DEMAND CALCULATION PER ARTICLE 220												

PANEL: C												
BUSS RATING: 200			PHASE: 3			SCCR: 22			NEMA TYPE: 1			
VOLTAGE: 120/208			WIRE: 4			BUSSING: ALUMINUM			MOUNTING: FLUSH			
CIRCUIT BREAKER:									CIRCUIT BREAKER:			
QTY	DESCRIPTION	CB	TYPE	LOAD	A	B	C	LOAD	TYPE	CB	DESCRIPTION	QTY
1	OFFICE LIGHTING	20/1	L	552	1272			720	R	20/1	EXT/EMERGENCY LIGHTING	2
3	OFFICE LIGHTING	20/1	L	552			912	360	R	20/1	EXT/EMERGENCY LIGHTING	4
5	OFFICE LIGHTING	20/1	L	1288			1828	540	R	20/1	WAITING ROOM RECEPTACLES	6
7	OFFICE LIGHTING	20/1	L	368	1088			720	R	20/1	RECEPTIONIST RECEPTACLES	8
9	OFFICE LIGHTING	20/1	L	1656			2196	540	R	20/1	OFFICE RECEPTACLES	10
11	OFFICE LIGHTING	20/1	L	276			816	540	R	20/1	OFFICE RECEPTACLES	12
13	WAITING ROOM LIGHTING	20/1	L	736	1276			540	R	20/1	OFFICE RECEPTACLES	14
15	RECEPTIONIST LIGHTING	20/1	L	448			1348	900	R	20/1	OFFICE RECEPTACLES	16
17	EXTERIOR SIGNAGE	20/1	L	1200			2100	900	R	20/1	OFFICE RECEPTACLES	18
19	EXTERIOR SIGNAGE	20/1	L	1200	2100			900	R	20/1	OFFICE RECEPTACLES	20
21	ELEVATOR EQUIPMENT	100/3	M	4920			5640	720	R	20/1	OFFICE RECEPTACLES	22
23	-	100/3	M	4920			5640	720	R	20/1	OFFICE RECEPTACLES	24
25	-	100/3	M	4920	5640			720	R	20/1	OFFICE RECEPTACLES	26
27	VENDING MACHINE	20/1	R	720			1440	720	R	20/1	OFFICE RECEPTACLES	28
29	COFFEE MACHINE	20/1	R	1080			1800	720	R	20/1	OFFICE RECEPTACLES	30
31	MICRO WAVE	20/1	R	960	1680			720	R	20/1	OFFICE RECEPTACLES	32
33	HVAC #6	50/3	R	4680			5400	720	R	20/1	ELEVATOR SUMP PUMP	34
35	-	50/3	R	4680			5220	540	R	20/1	IT SERVER ROOM	36
37	-	50/3	R	4680	5220			540	R	20/1	IT SERVER ROOM	38
39	SPARE	20/1	-	-	-		540	540	R	20/1	IT SERVER ROOM	40
41	SPARE	20/1	-	-	-		540	540	R	20/1	IT SERVER ROOM	42
				18276	17476	17944						
CONTINUOUS: (C) 0 VA		NON-CONTINUOUS: (N) 0 VA		MCB = YES		MAX. PHASE @ 125% = 180.4 A		DEMAND TOTAL = 83.7 KVA				
RECEPTACLE: (R) 28580 VA		MOTOR: (M) or (M) 14760 VA		BLO = NO				DEMAND TOTAL = 148.2 A				
LIGHTING: (L) 9356 VA		KITCHEN > 1750: (K) 0 VA		DEMAND CALCULATION PER ARTICLE 220				125% = 186.4 A				

PANEL: D			PHASE: 3			SCCR: 22			NEMA TYPE: 1			
BUSS RATING: 200			WIRE: 4			BUSSING: ALUMINUM			MOUNTING: FLUSH			
VOLTAGE: 120/208									CIRCUIT BREAKER: -			
QTY	DESCRIPTION	CB	TYPE	LOAD	A	B	C	LOAD	TYPE	CB	DESCRIPTION	QTY
1	HALLWAY LIGHTING	20/1	L	1652	2192			540	R	20/1	RECEPTACLES	2
3	OFFICE LIGHTING	20/1	L	844			1364	720	R	20/1	RECEPTACLES	4
5	OFFICE LIGHTING	20/1	L	552			1092	540	R	20/1	RECEPTACLES	6
7	OFFICE LIGHTING	20/1	L	828	1548			720	R	20/1	RECEPTACLES	8
9	OFFICE LIGHTING	20/1	L	552			1272	720	R	20/1	RECEPTACLES	10
11	OFFICE LIGHTING	20/1	L	644			1544	900	R	20/1	RECEPTACLES	12
13	OFFICE LIGHTING	20/1	L	1288	2188			900	R	20/1	RECEPTACLES HALLWAY	14
15	OFFICE LIGHTING	20/1	L	828			1548	720	R	20/1	RECEPTACLES	16
17	RESTROOM LIGHTING	20/1	L	276			996	720	R	20/1	RECEPTACLES	18
19	RESTROOM LIGHTING	20/1	L	276	996			720	R	20/1	RECEPTACLES	20
21	RESTROOM RECEPTACLES	20/1	R	540			1260	720	R	20/1	RECEPTACLES	22
23	INSTA-HOT WATER HEATER	40/2	R	6880			7420	540	R	20/1	RECEPTACLES	24
25	-	40/2	R	6880			7420	540	R	20/1	RECEPTACLES	26
27	INSTA-HOT WATER HEATER	40/2	R	6880			7600	720	R	20/1	RECEPTACLES	28
29	-	40/2	R	6880			7960	1080	R	20/1	COFFEE MACHINE	30
31	INSTA-HOT WATER HEATER	40/2	R	6880	7840			960	R	20/1	MICROWAVE	32
33	-	40/2	R	6880			7600	720	R	20/1	VENDING MACHINE	34
35	SPARE	20/1	-	-	-	-	720	720	R	20/1	VENDING MACHINE	36
37	SPARE	20/1	-	-	-	-	-	-	20/1	SPARE		38
39	SPARE	20/1	-	-	-	-	-	-	20/1	SPARE		40
41	SPARE	20/1	-	-	-	-	-	-	20/1	SPARE		42
							22184	20844	19732			
CONTINUOUS: (C) 0 VA												
NON-CONTINUOUS: (N) 0 VA												
RECEPTACLE: (R) 55020 VA												
MOTOR: (M) or (MD) 0 VA												
LIFTING: (L) 7540 VA												
KITCHEN > 1750: (K) 0 VA												
DEMAND CALCULATION PER ARTICLE 220												
MCB = YES												
MLO = NO												
(BOLT FEED)												
MAX. PHASE Ø 125% = 123.1 A												
DEMAND TOTAL = 97.5 KVA												
Ø 125% = 217.1 A												

[illegible]

DEC 30 2014

DATE : _____
JOB NO. : _____
DRAWN : _____
CHECKED : _____
SHEET : _____

SCALE: 1/8" = 1'

Electrical Layout Design Project of
BRITE ELECTRIC, INC.

Frank S. Lemos
FRANK S. LEMOS

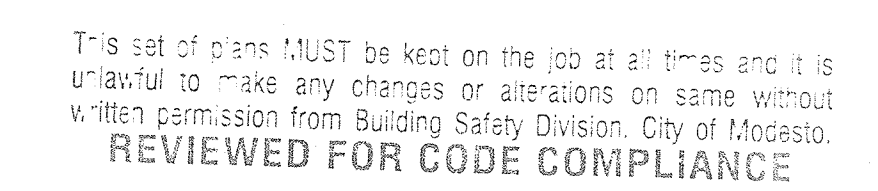
DATE 12-12-2014

(Use By Permission Only)

THIS DRAWING IS PREPARED ONLY FOR WORK TO BE PERFORMED BY BRITE ELECTRIC, INC. UNDER THE EXCEPTION TO DIVISION 3 BY SETION 3553.2.2 OF THE BUSINESS AND PROFESSION CODE AND IS NOT FOR ANY OTHER USE WITHOUT THE EXPRESS WRITTEN CONSENT OF BRITE ELECTRIC, INC.

**CENTER OF HUMAN SERVICE
FIRST FLOOR LIGHTING PLAN**

2000 W. BRIGGSMORE, SUITE 1
MODESTO, CALIFORNIA 95350



By _____ Permit No. _____
The stamping of this plan SHALL NOT be held to permit or to be an
approval of the violation of any provisions of any Ordinance or Law.
Occupancy of structure not permitted until after final approval.

BRITE ELECTRIC, INC.
P.O. BOX 3639 • TURLOCK, CA 95381
PH: (209) 632-7291 FAX: (209) 632-4389
CA LICENSE NO. 933001
NV LICENSE NO. 0074619 / WA LICENSE NO. LEM05FS 038FF

electrical layout design. Property of
BRITTE ELECTRIC, INC.

Frank S. Lemus 10-19-2014 DATE

FRANK S. LEMUS (Use By Permission Only)

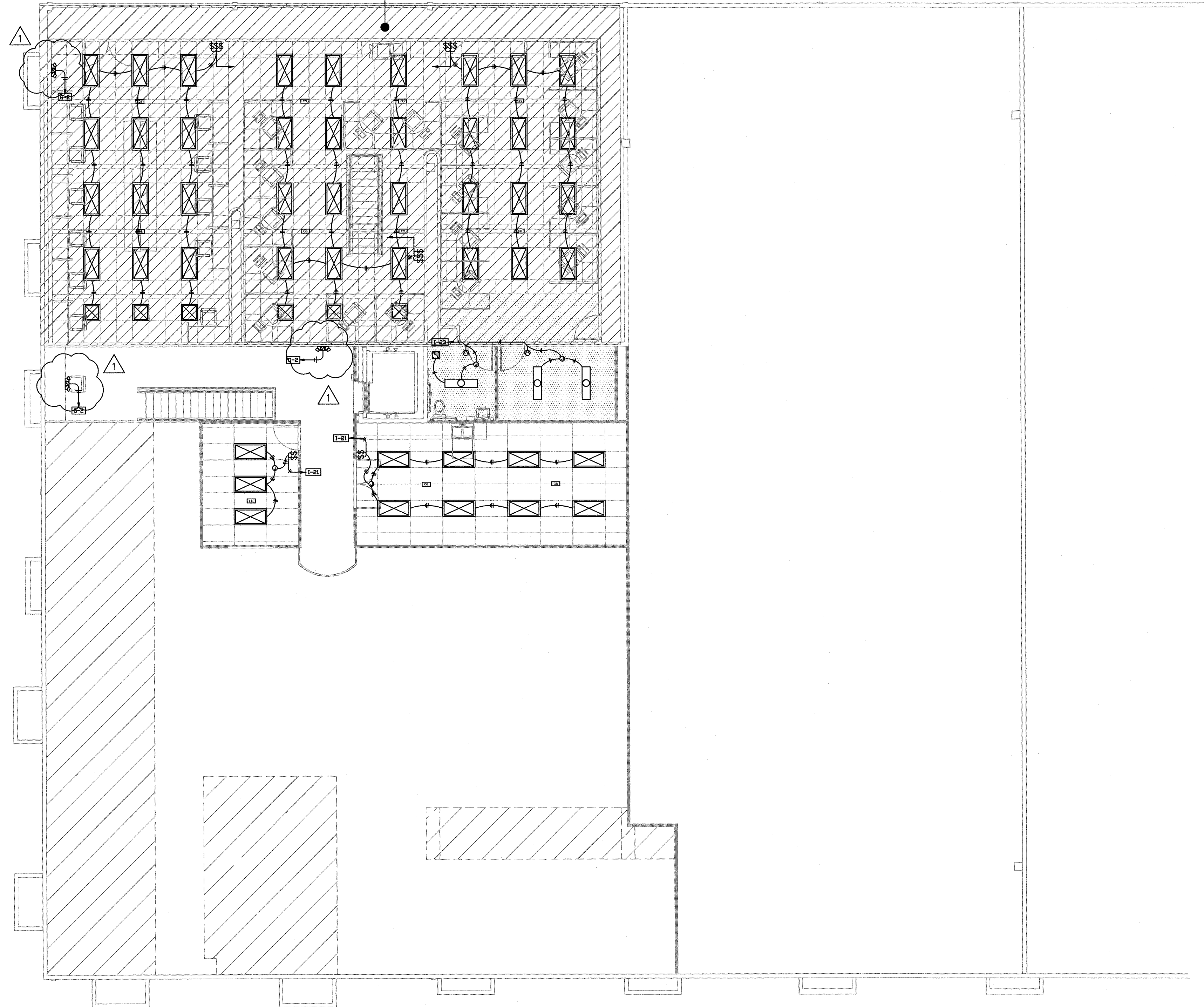
THIS DRAWING IS PREPARED ONLY FOR WORK TO BE PERFORMED BY BRITTE ELECTRIC, INC. UNDER THE EXCEPTION TO DIVISION 3 OF SECTION 31057.2 OF THE BUSINESS AND PROFESSION CODE AND IS NOT FOR ANY OTHER USE WITHOUT THE EXPRESS WRITTEN CONSENT OF BRITTE ELECTRIC, INC.

**CENTER OF HUMAN SERVICE
SECOND FLOOR POWER PLAN**
2000 W. BRIGGSMORE, SUITE I
MODESTO, CALIFORNIA 95350

DATE : _____
 B NO. : _____
 DRAWN : _____
 CHECKED : _____
 SHEET : _____

E4

NO NEW WORK, EXISTING
LIGHTING TO REMAIN THE SAME





This set of plans MUST be kept on the job at all times and it is
unlawful to make any changes or alterations on same without
written permission from Building Safety Division, City of Modesto.
REVIEWED FOR CODE COMPLIANCE

DEC 30 2014

By _____ Permit No. _____
The stamping of this plan SHALL NOT be held to permit or to be an
approval of the violation of any provisions of any Ordinance or Law.
Occupancy of structure not permitted until after final approval.

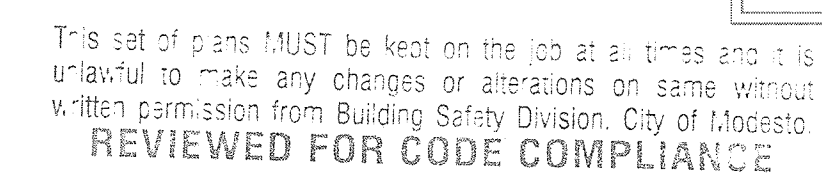
REVISIONS	DATE
1	12-10-14

**BRITE ELECTRIC, INC.**
P.O. BOX 3699 - TURLOCK, CA 95381
PH: (209) 932-8388
CALL LICENSE NO. 33300
NV LICENSE NO. 0074619 / WA LICENSE NO. LEMOSFS 038RF

Electrical Layout Design Property of
BRITE ELECTRIC, INC.

FRANK S. LEMOS
(Use By Permission Only)
DATE 12-12-2014
THIS DRAWING IS PREPARED ONLY FOR WORK TO BE PERFORMED BY BRITE ELECTRIC, INC. UNDER
THE EXCEPTION TO DIVISION 3 BY SECTION 68372 OF THE BUSINESS AND PROFESSION CODE
AND IS NOT FOR ANY OTHER USE WITHOUT THE EXPRESS WRITTEN CONSENT OF BRITE ELECTRIC, INC.


CENTER OF HUMAN SERVICE
SECOND FLOOR LIGHTING PLAN
2000 W. BRIGGSMORE, SUITE 1
MODESTO, CALIFORNIA 95350

DATE :
JOB NO. :
DRAWN :
CHECKED :
SHEET :



DEC 30 2014

By _____ Permit No. _____
The stamping of this plan SHALL NOT be held to permit or to be an
approval of the violation of any provisions of any Ordinance or Law.
Occupancy of structure not permitted until after final approval.

 **BRITE ELECTRIC, INC.**
P.O. BOX 3539 • TURLOCK, CA 95381
PH: (209) 932-5352 • FAX: (209) 932-9589
CA LICENSE NO. 833001
NV LICENSE NO. 0074619 / WA LICENSE NO. LEW05FS 038RF

Electrical Layout Design Property of
BRITE ELECTRIC, INC.

Frank S. Lemos 12-19-2014
FRANK S. LEMOS DATE
(Use By Permission Only)

THIS DRAWING IS PREPARED ONLY FOR WORK TO BE PERFORMED BY BRITE ELECTRIC, INC. UNDER THE EXCEPTION TO DIVISION 3 SECTION 35057.2 OF THE BUSINESS AND PROFESSION CODE. NO OTHER WORK SHALL BE PERFORMED BY ANY OTHER ENTITY WITHOUT THE WRITTEN PERMISSION OF BRITE ELECTRIC, INC.

CENTER OF HUMAN SERVICE
HVAC ROOF PLAN
2000 W. BRIGGSMORE, SUITE 1
MODESTO, CALIFORNIA 95350

DATE :
JOB NO. :
DRAWN :
CHECKED :
SHEET :

E6

STATE OF CALIFORNIA INDOOR LIGHTING (REVISION 06/14) CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS Indoor Lighting Project Name: Center of Human Service Date Prepared: 11/5/2014

Climate Zone: 12 Conditioned Floor Area: 12,328 Unconditioned Floor Area: 0

General Information Building Type: Nonresidential Schools: Relocatable Public Schools High-Rise Residential: Hotel/Motel Conditioned Spaces: Unconditioned Spaces Phase of Construction: New Construction Addition Alteration Method of Compliance: Complete Building Area Category: Tailored

LIGHTING COMPLIANCE DOCUMENTS (select yes for each document included) For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.

Summary of Allowed Lighting Power Conditioned and Unconditioned space lighting must not be combined for compliance

Indoor Lighting Power for Unconditioned Spaces

Indoor Lighting Power for Conditioned Spaces

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA INDOOR LIGHTING (REVISION 06/14) CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS Indoor Lighting Project Name: Center of Human Service Date Prepared: 11/5/2014

5. Complies ONLY if Installed < Allowed 6. Allowed Lighting Power Conditioned NRCC-LTI-03-E, page 1 12,412 Unconditioned NRCC-LTI-03-E, page 1 0

Declaration of Required Installation Certificates - Declare by selecting yes for all installation Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)

Form/Title YES NO

NRCC-LTI-01-E - Must be submitted for all buildings

NRCC-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.

NRCC-LTI-03-E - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance.

NRCC-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.

NRCC-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.

NRCC-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.

Field Inspector

Declaration of Required Certificates of Acceptance - Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)

Form/Title YES NO

NRCC-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.

NRCC-LTI-03-A - Must be submitted for automatic daylight controls.

NRCC-LTI-04-A - Must be submitted for demand responsive lighting controls.

Field Inspector

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA INDOOR LIGHTING (REVISION 06/14) CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS Indoor Lighting Project Name: Center of Human Service Date Prepared: 11/5/2014

A separate Lighting Schedule Must be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for: CONDITIONED SPACE UNCONDITIONED SPACE

A. INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

B. Installed Portable Luminaires in Offices - Exception to Section 140.6(a)

Office Portable Luminaire Schedule

Office Installed Portable Luminaire Watts Per Square Foot

Office Location

Field Inspector

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA INDOOR LIGHTING (REVISION 06/14) CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS Indoor Lighting Project Name: Center of Human Service Date Prepared: 11/5/2014

A separate Lighting Schedule Must be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for: CONDITIONED SPACE UNCONDITIONED SPACE

A. INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

B. Installed Portable Luminaires in Offices - Exception to Section 140.6(a)

Office Portable Luminaire Schedule

Office Installed Portable Luminaire Watts Per Square Foot

Office Location

Field Inspector

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA INDOOR LIGHTING (REVISION 06/14) CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS Indoor Lighting Project Name: Center of Human Service Date Prepared: 11/5/2014

A separate Lighting Schedule Must be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for: CONDITIONED SPACE UNCONDITIONED SPACE

C. INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

Luminaire Schedule

Installed Watts

Location

Field Inspector

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA INDOOR LIGHTING (REVISION 06/14) CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS Indoor Lighting Project Name: Center of Human Service Date Prepared: 11/5/2014

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

Documentation Author Signature: Matt Billy

Signature Date: 11/5/2014

Address: 1050 North Carpenter Road, Suite H1 Modesto, CA 95351

City/State/Zip: Modesto, CA 95351

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.

2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).

3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.

4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building center at occupancy.

Responsible Designer Name: Frank S. Lemos

Date Signed: 11-12-2014

License: 933001

Phone: 209-632-7291

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA INDOOR LIGHTING - LIGHTING CONTROLS (REVISION 06/14) CERTIFICATE OF COMPLIANCE Indoor Lighting - Lighting Controls Project Name: Center of Human Service Date Prepared: 11/5/2014

The NRCC-LTI-02-E shall be used to document all mandatory and prescriptive lighting controls that are applicable to the project.

Mandatory Lighting Control Declaration Statements (Indicate if the measure applies by checking yes or no below.)

YES NO Control Requirements

Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 24 Appliance Efficiency Regulations in accordance with Section 130.9.

Lighting shall be controlled by a lighting control system or energy management control system in accordance with Section 130.9. An Installation Certificate shall be submitted in accordance with Section 130.4(b).

One or more Track Lighting Integral Current Limiters shall be installed which have been certified to the Energy Commission in accordance with Section 130.9 and Section 130.4(b).

A Track Lighting Supplementary Overcurrent Protection Panel shall be installed in accordance with Section 130.9 and Section 130.4(b). Additionally, an Installation Certificate shall be submitted in accordance with Section 130.4(b).

All lighting controls and equipment shall comply with the applicable requirements in Section 130.9 and shall be installed in accordance with the manufacturer's instructions in accordance with Section 130.1.

All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1(a).

General lighting shall be separately controlled from all other lighting systems in an area. Floor and wall display, window display, case display, ornamental, and special effects lighting shall each be separately controlled on circuits that are 20 amps or less. When track lighting is used, general, display, ornamental, and special effects lighting shall each be separately controlled; in accordance with Section 130.1(a).

The general lighting of any enclosed area 100 square feet or larger, with a connected lighting load that exceeds 0.5 watts per square foot shall meet the multi-level lighting control requirements in accordance with Section 130.1(b).

All installed indoor lighting shall be equipped with controls that meet the applicable Shut-Off control requirements in Section 130.1(c).

Lighting in all Daylit Zones shall be controlled in accordance with the requirements in Section 130.1(d) and daylit zones are shown on the plans.

Lighting power in buildings larger than 10,000 square feet shall be capable of being automatically reduced in response to a Demand Responsive Signal in accordance with Section 130.1(e).

Before an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building, area, or site is operated for normal use, indoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with Section 130.4(a). The controls required to meet the Acceptance Requirements include automatic daylight controls, automatic shut-off controls, and demand responsive controls.

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

STATE OF CALIFORNIA INDOOR LIGHTING - LIGHTING CONTROLS (REVISION 06/14) CERTIFICATE OF COMPLIANCE Indoor Lighting - Lighting Controls Project Name: Center of Human Service Date Prepared: 11/5/2014

A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following: CONDITIONED SPACES UNCONDITIONED SPACES

MANDATORY AND PRESCRIPTIVE INDOOR LIGHTING CONTROL, SCHEDULE, PAF CALCULATION, and FIELD INSPECTION CHECKLIST

Lighting Control Schedule

Standards Complying With

PAF Credit Calculation

Field Inspection

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance June 2014

REVISIONS

DATE

Electrical Layout Design Property of BRITE ELECTRIC, INC.

12-12-2014

DATE

By: Frank S. Lemos (Use By Permission Only)

THE DRAWING IS PREPARED ONLY FOR WORK TO BE PERFORMED BY BRITE ELECTRIC, INC. UNDER THE EXCEPTION TO DIVISION 3 BY SECTION 5597.2 OF THE BUSINESS AND PROFESSIONS CODE AND IS NOT FOR ANY OTHER USE WITHOUT THE EXPRESS WRITTEN CONSENT OF BRITE ELECTRIC, INC.

CENTER OF HUMAN SERVICE

TITLE 24


2000 W. BRIGGSMORE, SUITE 1

MODESTO, CALIFORNIA 95350

DEC 30 2014

By: Permit No. The stamping of this plan SHALL NOT be held to permit or to be an approval of the violation of any provisions of any Ordinance or Law. Occupancy of structure not permitted until after final approval.

E7

STATE OF CALIFORNIA INDOOR LIGHTING – LIGHTING CONTROLS (PERMANENTLY AFFIXED LABEL) CERTIFICATE OF COMPLIANCE Indoor Lighting – Lighting Controls Project Name: <u>Center of Human Service</u>		CALIFORNIA ENERGY COMMISSION NRCC-171-02-E (Page 3 of 3)	
Date Issued: <u>11/15/2014</u>			
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I, <u>Matt Bily</u> , certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: <u>Matt Bily</u> Company: <u>Matt Bily T-24 Energy Calcs</u> Address: <u>1050 North Carpenter Road, Suite H1</u> City/State/Zip: <u>Modesto, CA 95351</u>			
RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer). 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and 1 of the California Code of Regulations. 4. The building design features or system design features identified on the Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building center at occupancy.		Documentation Author Signature: <u><i>Matt Bily</i></u> Date: <u>11/15/2014</u> SIGNATURE REQUIRED CAG/RES Compliance Certification (if applicable):  Phone: <u>(209) 624-1623</u>	
RESPONSIBLE DESIGNER'S DECLARATION STATEMENT Responsible Designer Name: <u>Frank S. Lopez</u> Company: <u>Brito Electric, Inc.</u> Address: <u>P.O. Box 3639</u> City/State/Zip: <u>Turlock, CA 95381</u>			
Responsible Designer Signature: <u><i>Frank S. Lopez</i></u> Date: <u>12-18-2014</u> License: <u>92366</u> Phone: <u>209-632-7291</u>			

CA Building Energy Efficiency Standards – 2013 Nonresidential Compliance

June 2014

[illegible]

THIS set of plans MUST be kept on the job at all times and it is unlawful to make any changes or alterations on same without written permission from Building Safety Division, City of Modesto.

REVIEWED FOR CODE COMPLIANCE

DEC 30 2014

By _____ Permit No. _____

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