CERTIFICATE OF COMPLIANCE (Part 2 of 4) LTG-1-C

PROJECT NAME: COUNTY OF ORANGE HEALTH CARE AGENCY - BLDG#1 | DATE: 03/19/09

INSTALLED INDOOR LIGHTING POWER FOR CONDITIONED AND UNCONDITIONED SPACES

	INSTALLED WATTS
INSTALLED LIGHTING, CONDITIONED SPACES (From LTG-2-C)	5,905
PORTABLE LIGHTING (From LTG-3-C)	+ 0
LIGHTING CONTROL CREDIT, CONDITIONED SPACES (From LTG-4-C)	- 0
CONDITIONED SPACE ADJUSTED INSTALLED LIGHTING POWER	= 5,905
INSTALLED LIGHTING, UNCONDITIONED SPACES (From LTG-2-C)	
LIGHTING CONTROL CREDIT, UNCONDITIONED SPACES (From LTG-4-C)	-
UNCONDITIONED SPACE ADJUSTED INSTALLED LIGHTING POWER	=

ALLOWED INTERIOR LIGHTING POWER FOR CONDITIONED SPACES
✓
- ☒ COMPLETE BUILDING METHOD (from LTG-5-C)
- ☐ AREA CATEGORY METHOD (from LTG-5-C)
- ☐ TAILORED METHOD (from LTG-5-C)

	ALLOWED WATTS
ALLOWED LIGHTING POWER	7,286

ALTERNATE COMPLIANCE

✓
- ☐ PERFORMANCE METHOD
- ☐ COMMON LIGHTING SYSTEM (from LTG-8-C)

ALLOWED INTERIOR LIGHTING POWER FOR UNCONDITIONED SPACE (From LTG-5-C) ____ Watts

MANDATORY LIGHTING MEASURES FOR INDOOR AND DAYLIT AREAS
MANDATORY INDOOR AND DAYLIGHTING AUTOMATIC CONTROLS

CONTROL LOCATIO (Room #, Area #, or Description)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Dimming,Photosensor, etc.)	SPACE CONTROLLED Lists the location of controlled lights	✓ If Control is for Daylighting	NOTE TO FIELD

CERTIFICATE OF COMPLIANCE (Part 1 of 4) LTG-1-C

PROJECT NAME: COUNTY OF ORANGE HEALTH CARE AGENCY | DATE: 03/19/09
PROJECT ADDRESS: 401 S. TUSTIN STREET, ORANGE, CA 92866
PRINCIPAL DESIGNER-LIGHTING: FBA ENGINEERING | TELEPHONE: 949-852-9995 | Building Permit #
DOCUMENTATION AUTHOR: FBA ENGINEERING | TELEPHONE: 949-852-9995 | Checked by/Date Enforcement Agency Use

GENERAL INFORMATION

DATE OF PLANS | BUILDING CONDITIONED FLOOR AREA | CLIMATE ZONE
BUILDING TYPE: ☒ NONRESIDENTIAL ☐ HIGH RISE RESIDENTIAL ☐ HOTEL/MOTEL GUEST
☒ CONDITIONED SPACES ☐ UNCONDITIONED SPACES ☐ INDOOR / OUTDOOR SIGNS
PHASE OF CONSTRUCTION: ☒ NEW CONSTRUCTION ☐ ADDITION ☐ ALTERATION
METHOD OF COMPLIANCE: ☐ PERFORMANCE ☐ COMPLETE BUILDING ☒ AREA CATEGORY ☐ TAILORED ☐ COMMON LIGHTING

STATEMENT OF COMPLIANCE

This Certificate of Compliance lists the building features and performance specifications need to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.

The documentation preparer hereby certifies that the documentation is accurate and complete.

DOCUMENTATION AUTHOR: STEPHEN R. ZAJICEK | SIGNATURE: [signature] | DATE

The Principal Lighting Designer hereby certifies that the proposed building 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, 146,148 and 149 of Title 24, Part 6.

- ☐ The plans & specifications meet the requirements of Part 6 (Sections 10-103a). ☐ The installation certificates meet the requirements of Part 6 (10-103a3).
- ☐ The operation & maintenance information meets the requirements of Part 6 (10-103c). Please check one: (These sections of the Business and Profesions Code are printed in full in the Nonresidential Manual.)
- ☒ 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 architect.
- ☐ 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 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 LIGHTING DESIGNERS NAME: STEPHEN R. ZAJICEK | SIGNATURE: [signature] | DATE | LIC. # E10372

LIGHTING MANDATORY MEASURES

✓ ☐ Indicate location on plans of Note Block for Mandatory Measure

LIGHTING COMPLIANCE FORMS & WORKSHEETS (check box if worksheet is included)

☒ LTG-1-C, Parts 1 of 4 and 2 of 4	Certificate of Compliance. Part 1 of 4 and 2 of 4 are required for all submittals
☒ LTG-1-C, Parts 3 of 4	Certificate of Compliance. Part 3 of 4 submittal is required only if Control Credits are claimed
☐ LTG-1-C, Parts 4 of 4	Certificate of Compliance. Part 4 of 4 submittal is required when lighting controls are installed
☒ LTG-2-C	Indoor Lighting Schedule
☐ LTG-3-C	Portable Lighting Worksheet
☐ LTG-4-C	Lighting Controls Credit Worksheet
☒ LTG-5-C	Indoor Lighting Power Allowance
☐ LTG-6-C	Tailored Method Worksheet
☐ LTG-7-C	Room Cavity Ratio Worksheet
☐ LTG-8-C	Common Lighting Systems Method Worksheet
☐ LTG-9-C	Line Voltage Track Lighting Worksheet
☐ OLTG-4-C	Signs (See OLTG-4-C Sign Worksheet in Chapter 6, Outdoor Lighting and Signs Chapter)

CERTIFICATE OF COMPLIANCE (Part 2 of 2) OLTG-1-C

PROJECT NAME: COUNTY OF ORANGE HEALTH CARE AGENCY - 401 S. TUSTIN ST

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 Part 3 of 4
- ☒ 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

Manditory Measures on Plans Show that Outdoor Lighting Meets Outdoor Lighting Controls and Equipment
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 lamp rated over 100 watts either have a lamp efficacy of at least 60 lumens per watt or are controlled by a motion sensor § 132(a)
- ☐ Not Applicable
- ☒ All Luminaires with lamp 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)
- ☐ 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 Requirements of § 132(c)2
- ☒ Not Applicable

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION	CONTROL IDENTIFICATION	CONTROL TYPE Auto Time Switch/Photosensor, etc	AREA CONTROLLED	NOTE TO FIELD
BLDG. 1 - ELECT'L RM.	PANEL '1LCP'	LTG. CONTROL PANEL	PARKING LOT	SEE SITE PLAN
BLDG. 2 - ELECT'L RM.	PANEL '2LCP'	LTG. CONTROL PANEL	PARKING LOT	SEE SITE PLAN

CERTIFICATE OF COMPLIANCE (Part 1 of 2) OLTG-1-C

PROJECT NAME: COUNTY OF ORANGE HEALTH CARE AGENCY | DATE: 03/19/09
PROJECT ADDRESS: 401 S. TUSTIN STREET, ORANGE, CA 92866
PRINCIPAL DESIGNER-LIGHTING: FBA ENGINEERING | TELEPHONE: 949-852-9995 | Building Permit #
DOCUMENTATION AUTHOR: FBA ENGINEERING | TELEPHONE: 949-852-9995 | Checked by/Date Enforcement Agency Use

GENERAL INFORMATION

DATE OF PLANS: 03/19/09 | OUTDOOR LIGHTING ZONE (✓ One) ☐ LZ1 ☐ LZ2 ☒ LZ3 ☐ LZ4
FUNCTION TYPE: ☒ OUTDOOR LIGHTING ☐ OUTDOOR SIGNS ☐ INDOOR SIGNS
PHASE OF CONSTRUCTION: ☒ NEW CONSTRUCTION ☐ ADDITIONS ☐ ALTERATIONS

STATEMENT OF COMPLIANCE

This Certificate of Compliance lists outdoor lighting system specifications need to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.

The documentation preparer hereby certifies that the documentation is accurate and complete.

DOCUMENTATION AUTHOR: STEPHEN R. ZAJICEK | SIGNATURE: [signature] | DATE: 03/19/09

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 architect.
- ☐ 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 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.

(These sections of the Business and Professions Code are printed in full in the Nonresidential Manual.)

PRINCIPAL LIGHTING DESIGNERS NAME: STEPHEN R. ZAJICEK | SIGNATURE: [signature] | DATE: 03/19/09 | LIC. # E10372

INSTRUCTIONS TO APPLICANT OUTDOOR LIGHTING COMPLIANCE & WORKSHEETS (Check box if worksheet is included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, please refer to the Nonresidential Manual published by the California Energy Commission.

☒ OLTG-1-C	Certificate of Compliance. Required on plans for all submittals for outdoor lighting. Part 2 of 2 may be incorporated in schedules on the plans.
	Either LTG-1-C or OLTG-1-C may be used for signs as follows: 1. Use LTG-1-C if the project consists solely of indoor signs 2. Use LTG-1-C if the project consists of indoor lighting, and outdoor or indoor signs, but no other outdoor lighting. 3. Use OLTG-1-C if the project consists solely of outdoor signs 4. Use OLTG-1-C if the project consists of outdoor lighting, and indoor or outdoor signs, but no other indoor lighting
☒ OLTG-2-C	LIGHTING COMPLIANCE SUMMARY. Applicable Parts required for ALL outdoor lighting allowances (Except for Signs)
☒ OLTG-3-C	AREA CALCULATIONS WORKSHEETS. Applicable parts required for all outdoor area calculations.
☐ OLTG-4-C	SIGN LIGHTING COMPLIANCE. Required for all internally and externally illuminated signs, for both indoor and outdoor signs

INDOOR LIGHTING SCHEDULE (Part 1 of 2) LTG-2-C

PROJECT NAME | DATE

INSTALLED LIGHTING POWER FOR CONDITIONED SPACES

Luminaire		Lamps/Ballasts				Installed Watts			
A	B	C	D	E	F	G	H	I	J
Name	Type Description	Lamp Type	Number of Lamps per Luminaire	Watts per Lamp	Number of Ballast per Luminaire	Watts per Luminaire	If CEC Default	Number of Luminaires	Installed Watts (G x I)
TYPE 1	2' X 4' DIRECT/INDIRECT	T5	3	28	1	90	✓	16	1,800
TYPE 1A	2' X 4' DIRECT/INDIRECT	T5	2	28	1	60	✓	18	1,080
TYPE 2	20FT. ROW COVE	T5	5	28	2	150	✓	2	300
	6FT. ROW COVE	T5	2	21,28	2	55	✓	2	110
TYPE 3	1' X 4' PRISMATIC WRAPAROUND	T5	5	28	2	150	✓	2	300
TYPE 4	4FT. STRIP	T5	2	28	1	60	✓	6	360
TYPE 5	20FT. DIRECT/INDIRECT PENDANT	T5	5	28	2	150	✓	8	1200
	12FT. DIRECT/INDIRECT PENDANT	T5	3	28	1	90	✓	1	90
	8FT. DIRECT/INDIRECT PENDANT	T5	2	28	1	60	✓	5	300
TYPE 6	12FT. ASYMMETRIC WALL WASH	T5	3	28	1	90	✓	8	450
	8FT. ASYMMETRIC WALL WASH	T5	2	28	1	60	✓	1	60
TYPE 8	6' DIAM. DOWNLIGHT	CFL	1	32	1	35	✓	13	455

PAGE TOTAL	5,905
BUILDING TOTAL (sum of all pages)	+ 5,905
PORTABLE LIGHTING (From LTG-3-C)	+
CONTROL CREDIT (from LTG-4-C)	+
ADJUSTED ACTUAL WATTS	=

CERTIFICATE OF COMPLIANCE (Part 3 of 4) LTG-1-C

PROJECT NAME: COUNTY OF ORANGE HEALTH CARE AGENCY - BLDG#1 | DATE: 03/19/09

CONTROLS FOR CREDIT IN CONDITIONED AND UNCONDITIONED SPACES

CONTROL LOCATION (Room # or Dwa #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occ Sensor, Daylight, Dimming, etc)	LUMINAIRES CONTROLLED TYPE	# OF LUMINAIRES	NOTE TO FIELD
E1.2.2		OCCUPANCY SENSOR	1	16	
			1A	18	
			2	4	
			3	3	
			4	6	
			5	14	
			6	6	
			8	13	

ILLUMINATED AREA CALCULATION WORKSHEET (Part 1 of 5) OLTG-3-C

PROJECT NAME: COUNTY OF ORANGE HEALTH CARE AGENCY - 401 S. TUSTIN ST | DATE: 03/19/09

Hardscape - Method (i)

A. Hardscape for automotive vehicular use, including parking lots, driveways and site roads

A	B	C	D	E	F	G	H
		Areas (ft^2) to Subtract from within Illuminated Area					
List Specific Application (Table 147-A)	Actual Paved Area plus 5' perimeter of adjacent 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, DRIVEWAYS	96,963	6264	-	20,483	-	26,741	70,216
WALKWAYS, SIDEWALKS							

B. Hardscape for pedestrian use, including plazas, sidewalks, walkways and bikeways

A	B	C	D	E	F	G	H
		Areas (ft^2) to Subtract from within Illuminated Area					
List Specific Application (Table 147-A)	Actual Paved Area plus 5' 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)

Checklist
- ☐ § 147(c) 1B - 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)1A - 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 obstructed by a sign or other structures.

LIGHTING COMPLIANCE SUMMARY (Part 1 of 4) OLTG-2-C

PROJECT NAME: COUNTY OF ORANGE HEALTH CARE AGENCY - 401 S. TUSTIN ST | DATE: 03/19/09

LIGHTING POWER ALLOWANCES - GENERAL SITE ILLUMINATION - (Table 147-A)

	Allotted Watts			Luminaire			Lamps/Ballasts				Installed Watts			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Lighting Applications Category (Table 147-A)	Area (ft^2) 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 Luminaire	Installed Watts (L x N)
PARKING LOT, WALKWAYS DRIVEWAYS, SIDEWALKS	70,216	0.15	10,532	TYPE 16	2 HEAD POLE	TYPE III	HPS	2	400	2	400	✓	3	2,100
BUILDING ENTRANCE	486	0.70	340	TYPE 16A	1 HEAD POLE	TYPE III	HPS	1	400	1	450	✓	12	5,400
				TYPE 15	CYLINDER 7' DIAM. UP/DOWNLIGHT		CFL	2	32	1	70	✓	11	770
				TYPE 7	DOWNLIGHT 13' DIAM.		CFL	1	42	1	45	✓	10	450
				TYPE 14	CYLINDER 7' DIAM. DOWNLIGHT		CFL	1	32	1	35	✓	1	245
	Total Allotted Watts		10,872								Total Installed Watts			9,565

ILLUMINATED AREA CALCULATION WORKSHEET (Part 2 of 5) OLTG-3-C

PROJECT NAME: COUNTY OF ORANGE HEALTH CARE AGENCY - 401 S. TUSTIN ST | DATE: 03/19/09

A. Hardscape - Method (ii)

Hardscape for driveways, site roads, sidewalks, walkways and bikeways-

A	B
List Specific Application (Table 147-A)	Length of 25' wide path incorporating as much of the paved area as possible.

Checklist
- ☐ § 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 B Method (ii) - General illumination areas for site roadway, driveway, sidewalk, walkway, or bikeway includes only those illuminated areas that are in the bounds of the Application and includes a 25 foot wide area running along the axis of the path of travel and includes as much of the paved area as possible

B. Building Entrances without Canopies

A	B	C
Width of Window plus 3 feet	Smaller of 18 feet or distance to the edge of the property line	Area (A x B) (ft^2)
(3) 3FT. DOORS 18	18'	324
(1) 3FT. DOORS 9	18'	162

Checklist
- ☐ §147(c)1B - 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 obstructed by a sign or other structures.

INDOOR LIGHTING POWER ALLOWANCE LTG-5-C

PROJECT NAME: COUNTY OF ORANGE HEALTH CARE AGENCY - 401 S. TUSTIN ST | DATE: 03/19/09

ALLOWED LIGHTING POWER (Choose One Method)

COMPLETE BUILDING METHOD - CONDITIONED SPACES

BUILDING CATEGORY (FROM § 146 Table 146-B)	WATTS PER (ft^2)	COMPLETE BLDG. AREA	ALLOWED WATTS

AREA CATEGORY METHOD - CONDITIONED SPACES

A AREA CATEGORY (From §146 Table 146-C)	B WATTS PER (ft^2)	C AREA (ft^2)	D ALLOWED WATTS
MULTI-PURPOSE, CONFERENCE ROOMS	1.4	873	1223
CLASSROOM, OFFICE, WORK ROOMS	1.2	4196	5036
ELECTRICAL, IDF, MPOE	0.7	224	157
RESTROOMS CORRIDORS, STORAGE, JANITOR ROOMS	0.6	1009	606
DINNING/BREAK ROOM	1.1	138	152
ADDITIONAL ALLOWED POWER FOR ELECT'L, IDF, MPOE			112
TOTALS		AREA	7,286 WATTS

TAILORED METHOD - CONDITIONED SPACES

TOTAL ALLOWED WATTS (From **LTG-6-C**)

UNCONDITIONED SPACES

A Complete Building and Area Category Methods CATEGORY (From § 146 Table 146-B & C)	B WATTS PER (ft^2)	C AREA (ft^2)	D ALLOWED WATTS
TOTALS		AREA	WATTS

TAILORED METHOD - UNCONDITIONED SPACES

TOTAL UNCONDITIONED SPACES ALLOWED WATTS (From LTG-5-C and **LTG-6-C**)

TITLE 24 MANDATORY MEASURES

1. Building Lighting Shut-off
   The building lighting shut-off system consists of an automatic time switch, with a zone for each floor.
2. Override for Building Lighting Shut-off
   The automatic building shut-off system is provided with a manual accessible override switch in sight of the lights. The area of override is not to exceed 5,000 square feet.
3. Automatic Control Devices Certified
   All automatic control devices specified are certified, all alternate equipment shall be certified and installed as directed by the manufacturer.
4. Fluorescent Ballast and Luminaries Certified
   All fluorescent fixtures specified for the project are certified and listed in the Directory. All installed fixtures shall be certified.
5. Tandem Wiring for Two-Lamp Ballast's
   All three lamp fluorescent fixtures are specified with electronic high-frequency ballast's and are exempt from two-lamp tandem wiring requirements.
6. Individual Room/Area Controls
   Each room and area in this building is equipped with a separate switch or occupancy sensor device for each area with floor-to-ceiling walls.
7. Uniform Reduction for Individual Rooms
   All rooms and areas greater than 100 square feet and more than 0.8 watts per square foot of lighting load shall be controlled with Bi-level switching for uniform reduction of lighting within the room.
8. Daylit Area Control
   All rooms with windows and skylights, that are greater than 250 square feet, and that allow for the effective use of daylight in the area shall have 50% of the lamps in each daylit area controlled by separate switch.
9. Control of Exterior Lights
   Exterior mounted fixtures and served from the electrical panel inside the building are controlled with a corresponding relay in the lighting control panel.

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Xrefs: x0742 BDR

0742 COUNTY OF ORANGE HEALTH CARE AGENCY 401 SOUTH TUSTIN STREET

County of Orange
OC PUBLIC WORKS
Architecture & Engineering

Revisions | Sym. | Descrip. | Date | By
0742

Consultants
FBA ENGINEERING
Consulting Engineers
3420 Irvine Avenue
Newport Beach, California 92660-3189
T: 949 852 9995 F: 949 852 1657
FBAengr.com
FBA # 446.025
Drawn ____ Chkd. ____ Date 11-26-09

A-E Seal: REGISTERED PROFESSIONAL ENGINEER STEPHEN R. ZAJICEK No. E 10372 Exp. 09-30-10 ELECTRICAL STATE OF CALIFORNIA

A-E ALEXANDER + HIBBS, AIA, INC.
inc. ALEXANDER + HIBBS, AIA, INC.
Architecture and Planning
1200 N. JEFFERSON ST. SUITE A
ANAHEIM, CALIFORNIA 92807
(714) 630-3686
Design RH | Chkd. JP | Date Nov. 26, 2009

Sht Title TITLE-24
Project COUNTY OF ORANGE HEALTH CARE AGENCY
401 SOUTH TUSTIN STREET
401 SOUTH TUSTIN STREET
ORANGE, CA 92866
PROJ. NO. 100-042-P210-4200

Plan No. 52333-03608

Sheet E-0.3