

CERTIFICATE OF COMPLIANCE (Part 1 of 3) **LTG-1**

PROJECT NAME: CONEJO VALLEY CHURCH OF CHRIST DATE: 07-24-02
 PROJECT ADDRESS: 2525 EAST HILLCREST BOULEVARD, THOUSAND OAKS, CALIFORNIA 91362
 PRINCIPAL DESIGNER: DONALD F. DICKERSON ASSOCIATES TELEPHONE: (818) 385-3600
 DOCUMENTATION AUTHOR: JORGE HOYOS TELEPHONE: (818) 385-3600

GENERAL INFORMATION
 DATE OF PLANS: 07-24-02 BUILDING CONDITIONED FLOOR AREA: 10,040 S.F. CLIMATE ZONE: _____
 BUILDING TYPE: NONRESIDENTIAL HIGH RISE RESIDENTIAL HOTEL/MOTEL GUEST ROOM
 PHASE OF CONSTRUCTION: NEW CONSTRUCTION ADDITION ALTERATION UNCONDITIONED (See Affinity)
 METHOD OF LIGHTING COMPLIANCE: COMPLETE BLDG. AREA CATEGORY TAILORED PERFORMANCE

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: JORGE HOYOS SIGNATURE: _____ DATE: 07-24-02

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, and 149 of Title 24, Part 6.

Please check 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 on this document because it pertains to a structure or type of work described as exempt pursuant to the Business and Professions Code Sections 5537, 5538 and 6737.1.

(These sections of the Business and Professions Code apply to the preparation of this document.)
 PRINCIPAL DESIGNER SIGNATURE: _____ DATE: 07-24-02 LIC. # E-15393
 JORGE HOYOS SIGNATURE: _____ DATE: 07-24-02 LIC. # _____

LIGHTING MANDATORY MEASURES
 Indicate location on plans of Note Block for Mandatory Measures: ES.1

INSTRUCTIONS TO APPLICANT
 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.
 LTG-1: Required on plans for all submittals. Part 2 may be incorporated in schedules on plans.
 LTG-2: Required for all submittals.
 LTG-3: Optional. Use only if lighting control credits are taken.
 LTG-4: Optional. Part 2 and 3 and LTG-5 are optional if Tailored Method is used.

LIGHTING COMPLIANCE SUMMARY (Part 2 of 3) **LTG-1**

PROJECT NAME: CONEJO VALLEY CHURCH OF CHRIST DATE: 07-24-02

INSTALLED LIGHTING SCHEDULE

Code	LUMINAIRE DESCRIPTION	LAMPS		BALLASTS		Luminaire (Lamp + Ballast)	Total Watts
		Type	#	Type	#		
A	1'x4' FLUORESCENT	F32T8	2	E	2	32	64
B	4' FLUORESCENT STRIP	F32T8	1	E	1	32	32
C	INCANDESCENT DOWNLIGHT	INCANDESCENT	1	E	1	150	150
D	INCANDESCENT WALLWASHER DNLT	INCANDESCENT	1	E	1	75	75
E	INCANDESCENT SCENCE	-	1	E	1	60	60

Efficacy and Control Requirement of 130(c)
 Control Requirements of 131(f)

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD
N/A	-	-	-	-

CONTROLS FOR CREDIT

CONTROL LOCATION (Room # or Drop #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRES CONTROLLED TYPE	# OF LUMINAIRES	NOTE TO FIELD
N/A	-	-	-	-	-

NOTES TO FIELD - For Building Department Use Only

EnergyPro By EnergySoft User Number: _____ Job Number: _____ Page: _____

LIGHTING COMPLIANCE SUMMARY **LTG-2**

PROJECT NAME: CONEJO VALLEY CHURCH OF CHRIST DATE: 07-24-02

ACTUAL LIGHTING POWER

LUMINAIRE NAME	DESCRIPTION	NUMBER OF LUMINAIRES	WATTS PER LUMINAIRE (Including Ballast)	DEC. DEF. ALTY	Total Watts
A	1'x4' FLUORESCENT	3	64	<input checked="" type="checkbox"/>	192
B	4' FLUORESCENT STRIP	16	32	<input checked="" type="checkbox"/>	512
C	INCANDESCENT DOWNLIGHT	89	150	<input checked="" type="checkbox"/>	13350
D	INCANDESCENT WALLWASHER DOWNLIGHT	15	75	<input checked="" type="checkbox"/>	1125
E	INCANDESCENT SCENCE	6	60	<input checked="" type="checkbox"/>	360

Subtotal from this Page: 15539
 Building Total: 15539
 Portable Lighting (From LTG-1): _____
 Less Control Credit Watts (From LTG-3): _____
 Adjusted Actual Watts: 15539

ALLOWED LIGHTING POWER (Choose One Method)

COMPLETE BUILDING METHOD

BUILDING CATEGORY (From Table 1-M)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS
CHURCH	2.1	9102	19114

AREA CATEGORY METHOD

AREA CATEGORY (From Table 1-N)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
MAIN ENTRY LOBBY	1.5	422	633
CLASSROOM	1.8	516	926
CHURCH	2.1	9102	19114

PAGE TOTAL: _____
 BUILDING TOTAL: 10040 20573
 AREA WATTS

TAILORED METHOD

TOTAL ALLOWED WATTS: 21689
 (From LTG-4 or from computer run.)

EnergyPro By EnergySoft User Number: _____ Job Number: _____ Page: _____

LIGHTING MANDATORY MEASURES **LTG-MM**

PROJECT NAME: CONEJO VALLEY CHURCH OF CHRIST DATE: 07-24-02

DESCRIPTION	Designer	Enforcement
<input checked="" type="checkbox"/> 131(f) Building Lighting Shut-off: The building lighting shut-off system consists of an automatic time switch, with a zone for each floor, or the building is separately metered and less than 5,000 square feet; exempt from the shut-off requirement.		
<input type="checkbox"/> 131(c) 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.		
<input checked="" type="checkbox"/> 119(h) Automatic Control Devices Certified: All automatic control devices specified are certified, all climate equipment shall be certified and installed as directed by the manufacturer.		
<input checked="" type="checkbox"/> Fluorescent Ballast and Luminaires Certified: All fluorescent fixtures specified for the project are certified and listed in the Directory. All installed fixtures shall be certified.		
<input type="checkbox"/> 132 Tandem Wiring for One and Three Lamp Fluorescent Fixtures: All one and three lamp fluorescent fixtures are tandem wired with two lamp ballasts where required by Standards Section 132; or all three lamp fluorescent fixtures are specified with electronic high-frequency ballasts and are exempt from tandem wiring requirements.		
<input checked="" type="checkbox"/> 131(a) 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.		
<input checked="" type="checkbox"/> 131(b) Uniform Reduction for Individual Rooms: All rooms and areas greater than 100 square feet and more than 1.0 watts per square foot of lighting load shall be controlled with bi-level switching for uniform reduction of lighting within the room.		
<input type="checkbox"/> 131(c) Daylight 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 daylight area controlled by a separate switch; or the effective use of daylight cannot be accomplished because the windows are continuously shaded by a building on the adjacent lot. Diagram of shading during different times of the year is included on plans.		
<input checked="" type="checkbox"/> 131(f) Control of Exterior Lights: Exterior mounted fixtures served from the electrical panel inside the building are controlled with a directional photo cell control on the roof and a corresponding relay in the electrical panel.		
<input type="checkbox"/> 131(a) Display Lighting: Display lighting shall be separately switched on circuits that are 20 amps or less.		

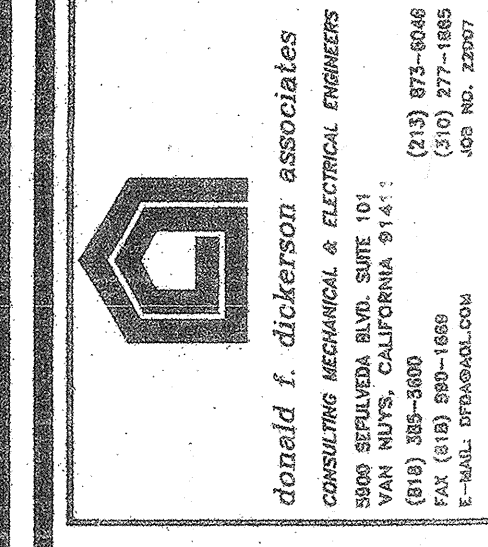
EnergyPro By EnergySoft User Number: _____ Job Number: _____ Page: _____

PROJECT:

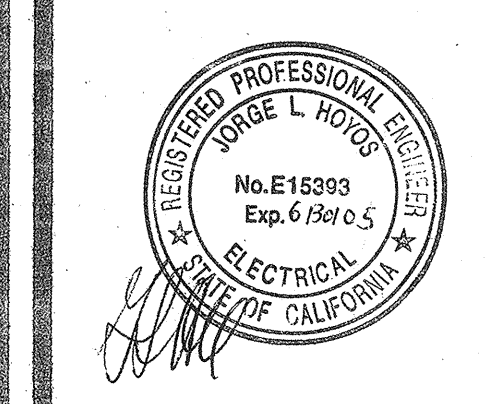


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CONSULTANT:



ENGINEER STAMP



REVISIONS:

No.	Description	Date
1	ISSUE FOR PLAN CHECK	07-26-02

SHEET INFO:

Sheet Title
TITLE 24 AND MANDATORY NOTES

Date: _____
 Drawn By: _____
 Checked By: _____

E-5.1
 Sheet No.

Building Division
 Community Development Department
 City of Thousand Oaks
 Approved
 Electrical