LOBBY, BREAKFAST ROOM & CERTIFICATE OF COMPLIANCE 18[CORRIDO Part 1 of 2

TROSECT NAME	DA F	
HAMPTON INN HOTEL	8-26-97	ſ
PROJECT ADDRESS		
CORPORATE DRIVE SOUTH SAN FRANSICO, CA.	Building Dermit #	
PRINCIPAL DESIGNER — ENVELOPE TELEPHONE	ם מווטווט דפוווונ #	_
LEE GAGE (209) 439-2222	Checked by /Date	ſ
DOCUMENTATION AUTHOR TELEPHONE	מופנאפם שא/ שמנפ	
ARTHUR L. LUCAS (209) 439-2222	Enforcement Agency Use	

GENERAL INFORMATION		
DATE OF PLANS	BUILDING CONDITIONED FLOOR AREA	CLIMATE ZONE
8-26-97	5040 S.F.	3
BUILDING TYPE	X NONRESIDENTIAL HIGH RISE RESIDENTIAL	HOTEL/MOTEL GUEST ROOM
PHASE OF CONTRUCTION	X NEW CONSTRUCTION ADDITION ALTERATION	UNCONDITIONED (File Affidavit)
METHOD OF ENVELOPE COMPLIANCE	X COMPONENT OVERALL ENVELOPE	PERFORMANCE

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by Section for its preparation;	l affirm that I am eligible under the exemption to Division 3 of the Business & Professions Code by Sec of theCode to sign this document as the person responsible for its and for the following reason:	mption to Division Code to sign th	er the exe	eligible und ng reason:	l affirm that I am eligible un of the and for the following reason:	of the	
tion 5537.2 of and that I am a	I affirm that I am eligible under the exemption to Division 3 of the Business & Professions Code by Section 5537.2 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am a licensed contractor preparing documents for work that I have contracted to perform.	mption to Division gn this document o for work that I ha	er the exe Code to si documents	eligible und Professions preparing o	n that I am siness and F d contractor	l affirn the Bu license	
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construction iny other /elope	The Principal Envelope 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 envelope requirements contained in sections 110, 116 through 118, and 143 or 149 of Title 24, Part 6, Chapter 1.	es that the proposi oliance forms and vation. The propose through 118, and 1	reby certifion other compormit application in the series of the series o	Designer her t with the with this per in sections	al Envelope I is consisten s submitted ts contained	The Princip documents calculations requirement	
DATE		SIGNATURE		, ž	DOCUMENTATION AUTHOR ARTHUR L. LUCAS	ARTHUR L. LUCAS	
	The documentation preparer hereby certifies that the documentation is accurate & complete.	fies that the doci	reby certi	reparer he	nentation p	The docun	
th Title 24, nents.	This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building envelope requirements.	ng features and pe Jations. This certifi	the buildi	pliance lists California Cc	cate of Com d 6 of the (This Certific Parts 1 and	
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LIAALEOI E MINIADINI ON I MILINOUNEO	
Indicate location on plans of Note Block for Mandatory Measures CF1	CF1
	Part 2 of 2 ENV—

ASSEMBLY NAME (e.g. Wall-1, Wall-2)	INSULATION R-VALUE (e.g. R-19, R-22, etc.)	CONSTRUCTION TYPE (e.g. Block, Wood, Metal)	LOCATION/COMMENTS: (e.g. Suspended Ceiling, Demising, etc.)	NOTE TO FIELD
WALL-1	R-11	WOOD	TYP. EXTERIOR WALL	
ROOF-1	R-19	WOOD	TYP. ROOF/CEILING	

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				WINDOW-1	WINDOW NAME (e.g. Window-1)	WINDOWS
				_	NO. OF PANES	
				0.72	U-VALUE	
				METAL	FRAME TYPE (e.g. Wood, Metal, etc.)	
				z	EXTERIOR SHADE?	
				Z	OVERHANG CREDIT?	
				TINTED	GLAZING TYPE (e.g. Clear, Tinted)	
					NOTE TO FIELD	

1	SKYLIGHTS					
	SKYLIGHT NAME (e.g. Sky-1)	NO. OF PANES	FRAME TYPE (e.g. Wood, Metal, etc.)	SKYLIGHT MATERIAL (e.g. Glass, Plastic, etc.)	GLAZING TYPE (e.g. Clear, Tinted)	NOTE TO FIELD
	N/A					
Γ						

FIELD

Envelope Mandatory Ω Isures

II Insulating Material shall be installed compliance with the flame spread ratinnd smoke density requirements of ections 1713 and 1714 of the 1991 UBC.

Manufactured Doors and Windows installed shall have air infiltration rates certified by the manufacturer per 2—5316(a). After July 1, 1993, manufactured fenestration products must be labeled for U—value accordin to NFRC procedures. Site Constructed Doors, Windows and Skylights shall be caulked between the unit and the building, and shall be weatherstripped (except for unframed glass doors and fire doors).

Lighting Mandator Measur

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 s.f.

Fluorescent Ballast and Luminairies
Certified
All fluorescent fixtures specified for the project are certified and listed in the Directory. All installed fixtures shall be certified.

Tandem Wiring for Two-Lamp Ballast's All one and three lamp fluorescent fixtures are tandem wired with two (2) lamp ballast where required by California Energy Standards Section 132

Individual Room/Area Controls
Each room and area in this building is equipped with a separate switch or occupancy sensor device for each area floor—to—ceiling walls.

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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 a separate switch.

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Automatic Control Devices Certified All automatic control devices specified certified, all alternate equipment shall certified and installed as directed by t manufacturer.

Uniform Reduction for Individual Rooms
All rooms and area greater than 100 square feet and more than 1.2 watts per square foot of lighting load shall be controlled with Bilevel switching for uniform reduction of lighting within the room.

Control of Exterior Lights
Exterior mounted fixtures and 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.

The following space conditioning equipment may be installed only if the manufacturer has certified that the equipment meets or exceeds all applicable efficiency requirements listed in 112 of Energy Efficiency Standards: all air conditioners, heat pumps and condensing units > 135,000 Btu/hr; all water chillers; all gas-fired boilers > 300,000 Btu/hr; all oil-fired boilers > 225,000 Btu/hr; and all warm air furnaces and combination warm—air furnaces/air conditioning units > 225,000 Btu/hr. Fan type central furnaces shall not have a pilot light.

Piping, except those conveying fluids at temperatures between 60°F and 105°F, or within HVAC equipment, shall be insulated in accordance with California Energy Efficiency Standards, Section 123.

Air handling duct systems shall be constructed, installed, sealed, and insulated as provided in Chapter 10 of the Uniform Mechanical Code.

Controls

Each space conditioning system shall be installed with an automatic time switch with an accessible manual override that allows operation of the system during off—hours for up to 4 hours. The time switch shall be capable of programming different schedules for weekdays and weekends; incorporate an automatic holiday "shut—off" feature that turns off all loads for at least 24 hours, then resumes the normally scheduled operation; and has program backup capabilities that prevent the loss of the device's program for at least 10 hours if the power is interrupted.

Each space conditioning system shall be installed with a 4—hour timer that can be manually operated to control the operating period of the system. Each space conditioning system shall be installed with an occupancy sensor to control the operating period of the

Each space conditioning system shall be installed with controls that temporarily restart and temporarily operate the system as required to maintain a setback heating thermostat setpoint.

Each space conditioning system shall be installed with controls that temporarily restart and temporarily operate the system as required to maintain a setback cooling thermostat setpoint.

Each space conditioning zone shall be controlled by an individual thermostatic control that responds to temperature within the zone. Where used to control heating, the control shall be adjustable down to 55°F or lower. For cooling, the control shall be adjustable up to 85°F or higher. Where used to control both heating and cooling, the control shall be capable of providing a dead band of at least 5°F within which the supply of heating and cooling is shut off or reduced to a minimum.

Heat Pumps shall be installed with controls to prevent electric resistance supplementary heater operation when the heating load can be met by the heat pump alone. Electric resistance supplementary heater operation is permitted during transient periods, such as start—ups and following room thermostat setpoint advance, when controls are provided which use preferential rate control, intelligent recovery, staging, ramping or similar control mechanisms designed to preclude unnecessary operation of supplementary heating during the recovery period. Supplementary heating during the recovery period. Supplementary

Mechanical
Systems Efficiency
which there is a
established in the
Standards may be
manufacturer has

Equipment and Systems Efficiency
Any appliance for which there is a
California standard established in the
Appliance Efficiency Standards may be
installed only if the manufacturer has
certified to the Commission, as
specified in those regulations, that the
appliance complies with applicable standard
for that appliance. Included are room air
conditioners, central air conditioning heat
pumps (regardless of capacity, except that
requirements for central air conditioning
heat pumps with cooling capacity of
15,000 Btu/hr or more apply to heating
performance but not cooling performance),
other central air conditioners with a cooling
capacity less than 135,000 Btu/hr, fan type
central furnaces with input rate less than
400,000 Btu/hr, boilers, wall furnaces, floor
furnaces, room heaters, unit heaters, and
duct furnaces shall have been certified to
the California Energy Commission by its
manufacturer to comply with the Appliance
Efficiency Standards.

If a circulating water hot water system is installed, it shall have a control capable of automatically turning off the circulating pump(s) when hot water is not required.

Lavatories in restr shall be equipped and outlet devices water to a maxim and 0.50 gallons/ system). strooms of public restrooms ed with: Self closing valves, ces that limit the flow of hot amum of 2.5 gallons per minute, s/cycle (non—circulating

Mandatory

Ventilation

Controls shall be provided to allow outside air dampers or devices to be operated at the ventilation rates as specified in these plans.

All gravity ventilat provided with auto accessible manual in all openings to for combustion air lating systems shall be utomatic or readily sally operated dampers to the outside, except air openings.

Air Balancing: All and ventilation sy: balanced to the a these plans, in ac National Environma (NEBB) Procedural or Associated Air (AABC) National S I space conditioning ystems shall be quantities specified in sccordance with the nental Balncing Bureau I Standards (1983),
Balance Council Standards (1986).

Outside Air Certific shall provide the ras shown on the and shall be meas by the installing limechanical contra ification: The system minimum outside air e mechanical drawings, sasured and certified licensed C-20 Heating Systems

may be installed only if the ras certified that the equipment as certified that the equipment and all applicable efficiency sted in Section 113 of the sy Standards: Oil—fired storage O Btu/hr.; Oil—fired non—storage O Btu/hr.; Gas—fired non—storage O Btu/hr.

The following service and equipment manufacturer has meets or exceeds requirements listed Energy Efficiency Stypes > 105,000 Btypes > 210,000 Btypes > 210,000 B

water heater storage tanks nks for solar water heating have either: external insulation d R-value of at least R-12; ternal insulation with a lue of at least R-16; or at least the heat loss face based on an 80°F erature difference shall be 5 Btu/hr/sf.

stroom of controls 110°F. public facilities shall to limit the outlet

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PROPOSED:

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7636 n. ingram suite 107

fresno, california

architects engineers - planners 93711 phone (209) 439-2222