	AG COMPLIANCE SC	DMMAKT			LIG-2
OLLEGE OJECT NA				01-06-99	99
ACTUAL L	GHTING POWER				
LUMINAIRE	DESCRIPTION	# OF LUMINAIRES	WATTS PER LUMINAIRE	CEC DEFAULT	TOTAL
A	2 LAMP, 4' MRAP	12	DAC		1920
0	3 LAMP	6	69	×	534
D	œ	4	110		440
; rn	4 LAMP, 4' MRAP	10	110	×	1100
771	SURFACE DRUM	2	92		64
					The state of the s
			The second section of the second section of the second section of the second section s		
			The second secon		
			SUB-TOTAL FROM	FROM THIS PAGE	3458
		<u>p</u>	NOS SUB-TOTAL FROM	CONTINUATION PAGE	3458
			LESS CONFROL	CREDIT WATTS (FROM LIG-3)	3458
			ADJUSTED	ACTUA	3456
* IF NOT USING	THE CEC DEFAULT VALUE, PLEASE PROVIDE SUPPOPT	FING DOCUMENTATION	NOT		
A CATEGORY					
	AREA CATEGORY (FROM TABLE 1-N)	The control of the co	* WATTS PER SF	AREA SF	ALLOWED WATTS
OFFICES		To the state of th	1.6	2011	3217
101LE15		THE COLUMN TWO IS NOT THE OWNER. THE COLUMN TWO IS NOT THE COLUMN	. 8	225	179
CONFERENCE			. 0	298	236
SERVICE SPACE	GE		. 8	16	13
			TOTALS	AREA	3951 WATTS
orresidentiol (compliance form			-	lanuary 1995
	LIGHTING MAN	MANDATORY ME	ASURES		,
a. I	S LIGHTING SHUT-OFF THE BUILDING LIGHTING SHUT-OFF SYSTEM CONSISTS	EM CONSISTS OF	E AN AUTOMATIC TIME	ME SMITCH WITH	TH A
ja J	IF THE BUILDING IS SEPARATELY METERED EVENDS ERROR THE GUILT OFF BEOLUTING		THAN 5,000 SQUARE F	FEET, THEN IT	[IS
N/A OVERRIDE	FOR BUILDING LIGHTING SHIT-OFF				
	OTOMATIC BUILDING LIGHT	SYSTEM I		WALLY OPERA	E
SQUAR	OVERRIDE SWITCH IN SIGHT OF THE LIGHTS. SQUARE FEET.	THE AREA	OF OVERRIDE SHALL NO	NOT EXCEED 5, 000	000

POLICY #95-03, FIRE AND LIFE SAFETY, DIVISION OF THE STATE ARCHITECT - OFFICE OF REGULATION SERVICES.	
NFPA 72, NATIONAL FIRE ALARM CODE 1993 EDITION WITH CALIFORNIA AMENDMENTS.	Optional. Use only if Tailored Method is used. Parts 2 and 3 used only if applicable.
CHARGE CONTRACTOR AND	oil Energy Efficiency Standards (ission. Part 2 may be incorporated in sc
BUILDING CODE STANDARDS AND CALIFORNIA AMENDMENTS) PUBLIC SAFFTY TITLE 19 CALIFORNIA CODE OF REGULATIONS STATE FIRE	Ory Measures SHEET #E1.0
_E 24 (1994 UNIFO	DES GNER - 1
1995 CALIFORNIA PLUMBING CODE, PART 5, TITLE 24 (1994 UNIFORM PLUMBING CODE AND CALIFORNIA AMENDMENTS).	of theCode to sign this document as the person responsible for its
1995 CALIFORNIA MECHANICAL CODE, PART 4, TITLE 24 (1994 UNIFORM MECHANICAL CODE AND CALIFORNIA AMENDMENTS)	ness and Professions Code to sign this document as the procession of the property of the prope
1995 CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24 (1993 NATIONAL ELECTRICAL CODE AND CALIFORNIA AMENDMENTS)	document as the person responsible for its preparation, and that I am a civil engineer, electrical engineer or archi
1995 CALIFORNIA BUILDING CODE, PART 1 AND PART 2, TITLE 24 (1994 UNIFORM BUILDING CODE AND CALIFORNIA AMENDMENTS)	(\mathbf{x}) I hereby affirm that I am empible under the provisions of Division 3 of the Business and Professions Code to sign this
CODES:	
DIVISION OF THE STATE ARCHITECT APPLICABLE CODES AND STANDARDS	The Principal Lighting Besigner 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 sections 110, 119, 130 through 132, and 146 or 149.
	JEFFERY JACKSON SIGNATURE OF THE DATE O1-06-99
	eparer hereby certifies that the documentation is accurate and complete
OT SHOWN ON THE DRAWINGS, THE FIELD	This Certificate of Compliance lists the building features and performance specifications needed to comply with fitte 24. Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.
FOR MULTI-PURPOSE BUILDINGS, PERCENTAGE OF OPERATING WEIGHT SHALL BE 125% OF VALUES NOTED ABOVE.	COMPLETE BUILDING X AREA CATEGO
THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR OF $I=1.0$ AND SEISMIC ZONE, $Z=0.4$.	101-
FOR FLEXIBLY MOUNTED EQUIPMENT, USE 4 x THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 x THE HORIZONTAL FORCE.	01-06-99 BUILDING CONDITIONED FLOOR AREA .
EQUIPMENT ON STRUCTURE 30	JEFFERY JACKSON TELEPHONE (559) 733-2671 Checked by/Date (559) 733-2671 Enforcement Agency Use
EQUIPMENT ON GRADE 20 % OF OPERATING WEIGHT	GERALD CORNELIUS TELEPHONE (559) 733-2671
HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:	BAKERSFIELD, C.A.
HORAGE	PROJECT NAME COLLEGE HEIGHTS SCHOOL - ALL BLDGS PROJECT NAME COLLEGE HEIGHTS SCHOOL - ALL BLDGS DATE 01-06-00

	Only	Use	g Department	Building	LD - For	NOTES TO FIELD -
NOTES TO FIELD	SPACE CONTROLLED	TYPE Exterior, etc.)	CONTROL IY (Auto Time Switch, Ex		CONTROL	CONTROL LOCATION (Room #)
Supporting Documentation	→ Provide Supportin			CONTROLS	AUTOMATIC	MANDATORY AU
						ter chiefe man est propositi se sessi est i cost managamente.
	[] X] _ 2	27.5	4	X		0
	X	32 . 0		X		
	X	27.5	4	X		m
	X	27. 5	4	X	a side stabilitate management on management of the stability of the stabil	ם
	X	29.6	w	 X 		2
	X	27.5	4	X	A MANAGEMENT OF THE PARTY OF TH	В
	X	<u> </u>	2	×	A THE PARTY OF THE	A
NOTES TO	S E+ O+ #/LUMINAIRE	WATTS/LAMPS	# OF LAMPS	3dA1	VAME	(e.g. Type-1, Type-2,
	BALLASTS		LAMPS		The second secon	The state of the s

UNIFORM REDUCTION FOR INDIVIDUAL

EACH ROOM AND AREA IN THIS BUILDING SHALL BE EQUIPPED WITH A SENSOR DEVICE FOR EACH AREA WITH CEILING HEIGHT PARTITIONS.

SEPARATE SWICH OR OCCUP

ALL FLUORESCENT LAMP BALLASTS AND LUMINAIRES WITH FLUORESCENT LAMP BALLASTS SPECIFIED ARE CERTIFIED AND LISTED IN THE DIRECTORY OF CERTIFIED LUMINAIRES AND BALLASTS.

ALL ONE AND THREE LAMP FLUORESCENT FIXTURES SHALL BE TANDEM WIRED WITH TWO LAMP BALLASTS WHERE REQUIRED BY STANDARDS #132; OR

ALL THREE LAMP FLUORESCENT FIXTURES WHICH ARE SPECIFIED WITH ELECTRONIC HIGH-FREQUENCY BALLASTS ARE EXEMPT FROM THE TWO LAMP TANDEM WIRING REQUIREMENTS.

ALL AUTOMATIC CONTROL DEVICES SPECIFIED ARE CERTIFIED, ALL CERTIFIED AND INSTALLED AS DIRECTED BY THE MANUFACTURER.

ALL ROOMS AND AREAS 100 SQUARE FEET OR GREATER AND MORE THAN OF LIGHTING LOAD SHALL BE CONTROLLED WITH BI-LEVEL SWITCHING LIGHTING WITHIN THE ROOM.

1.2 WATTS PER SQUARE FOOT FOR UNIFORM REDUCTION OF

DISPLAY LIGHTING SHALL BE SEPARATELY SWITCHED ON CIRCUITS TH

EXTERIOR MOUNTED FIXTURES THAT ARE SERVED FROM THE ELECTRICAL PANEL INSIDE THE BUILDING ARE CONTROLLED WITH A DIRECTIONAL PHOTO CELL OR AN ASTRONOMICAL TIME SWITCH THAT TURNS OFF THE EXTERIOR LIGHTING WHEN DAYLIGHT IS AVAILABLE.

THE EFFECTIVE USE OF DAYLIGHTING CONTROLS CANNOT BE ACCOMPLISHED BECAUSE THE WINDOWS ARE CONTINUOUSLY SHADED BY A BUILDING ON THE ADJACENT LOT. DIAGRAM OF SHADING DURING DIFFERENT TIMES OF YEAR IS INCLUDED ON PLANS.

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; OR

CERTIFICATE OF COMPLIANCE-Lighting	Part 2 of 2	LTG-1
COLLEGE HEIGHTS SCHOOL - ALL BLDGS	DATE DATE	-qa
INSTALLED LIGHTING SCHEDULE		

FIRE ALARM LEVEL OF AUDIBILITY ALARM INDICATING DEVICES OF A FIRE ALARM SYSTEM INTENDED TO ALERT ALL OCCUPANTS SHALL BE SO LOCATED AND UNOBSTRUCTED AS TO CAUSE A LEVEL OF AUDIBILITY OF NOT LESS THAN 15 DB ABOVE AMBIENT NOISE LEVELS MEASURED FOUR FEET ABOVE THE FLOOR INSIDE BUILDING. AMBIENT NOISE LEVELS SHALL BE CONSTRUED TO MEAN THAT WHICH CAN NORMALLY BE EXPECTED TO EXIST WHEN THE FACILITY, BUILDING, ROOM OR AREA IS FUNCTIONING UNDER NORMAL OPERATIVE OR WORKING CONDITIONS. THE FIRE ALARM SIGNAL SHALL COMPLY WITH THE CALIFORNIA EDUCATION CODE, SECTIONS 32000 AND 32004, AND BE A TEMPORAL PATTERN, CODE 3.	
--	--

(U. 0. N.

EGE HEIGHTS SCHOOL

BAKERSFI CITY SCHOOL DISTRICT

JELD.

2551 SUNNY LN.
BAKERSFIELD,
CALIFORNIA
93305

 SEISMIC ANCHORAGE REQUIREMENTS	REQUIREMENTS
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A	D OR ANCHORED TO RESIST A
HANTERIAN TO THE THE THE THE TAIL NEVER THE	N COLUMN THE TOLEGATING CRETERIA:
 EQUIPMENT ON GRADE 20	20 % OF OPERATING WEIGHT
 EQUIPMENT ON STRUCTURE 30	30 % OF OPERATING WEIGHT
FOR FLEXIBLY MOUNTED EQUIPMENT, USE 4 x THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 x THE HORIZONTAL FORCE.	THE ABOVE VALUES, AND X THE HORIZONTAL FORCE.

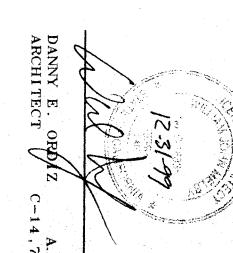
THE THERE ARE NEGLINEDITAL OF THE	WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER AND THE FIELD DEPOSES ENTATIVE OF THE DRAWINGS, THE FIELD	FOR MULTI-PURPOSE BUILDINGS, PERCENT 125% OF VALUES NOTED ABOVE.	THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR OF I = 1.0 AND SEISMIC ZONE, Z= 0.4.	FOR FLEXIBLY MOUNTED EQUIPMENT, USE 4 \times THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 \times THE HORIZONTAL FORCE	EQUIPMENT ON STRUCTURE	EQUIPMENT ON GRADE
DIVIDION OF THE STATE ARCHITECT.	AN ON THE DRAWINGS, THE FIELD ON THE DRAWINGS, THE FIELD ON THE DRAWINGS, THE FIELD	PERCENTAGE OF OPERATING WEIGHT SHALL BE	NCE FACTOR OF I = 1.0 AND SEISMIC	4 x THE ABOVE VALUES, AND 1/3 x THE HORIZONTAL FORCE.	30 % OF OPERATING WEIGHT	20 % OF OPERATING WEIGHT

DIVISION OF THE STATE ARCHITECT APPLICABLE CODES AND STANDARDS		ELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.	ORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD ON SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER	PURPOSE BUILDINGS, PERCENTAGE OF OPERATING WEIGHT SHALL BE	VALUES ARE FOR AN IMPORTANCE FACTOR OF I = 1.0 AND SEISMIC	ANEOUS VERTICAL FORCE USE 1/3 x THE ABOVE VALUES, AND	PMENT ON STRUCTURE 30 % OF OPERATING WEIGHT	PMENT ON GRADE 20 % OF OPERATING WEIGHT	FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
PAC BELL DAVE STEGMAN PH. (805) 631-3414	VERIFY AND COMPLY WITH ALL UTILITY COMPANY REQUIREMENTS BEFORE BIDDING JOB AND BEFORE CONSTRUCTION:	UTILITY COMPANY REQUIREMENTS		HAS BEEN REVIEWED AND THE BUILDING DESIGN DESCRIBED ON THESE PAGES IS IN SUBSTANTIAL CONFORMANCE.			OK SPECIFICATIONS THIS KEGUIKEMENT SHALL GOVERN.	SPECIFICATIONS IS TO BE CONSTRUED AS TO PERMIT THESE CODES. WHERE WORK OF A HIGHER DEGREE IS	

	ELECTRICAL SYMBOLS ALL DIMENSIONS TO CENTER OF BOX, U.O.N.
'n	CIRCUIT NUMBER (3-A-150)
-A-	FIXTURE TYPE (3-A-150)
-150	FIXTURE MATTAGE (3-A-150)
\oplus	HOME RUN 3/4"C - MIN. (PANEL A, CIRCUIT #3)
	CONDUIT RUN IN WALL OR ATTIC (1/2"C - 2 #12 AWG THWN + 1 #12 GND)
<u> </u>	CONDUIT RUN IN FLOOR OR UG (1/2"C - 2 #12 AWG THWN + 1 #12 GND)
‡	ANY CONDUIT RUN - 1/2"C - 3 #12 AWG THWN + 1 #12 GND
#	" - 3/4"C - 4 #12 AWG THWN + 1 #12 GND
#	" - 3/4"C - 5 #12 AWG THWN + 1 #12 GND
##	" - 1"C - 6 #12 AWG THWN + 1 #12 GND
1	CONDUIT STUB - CAPPED AND LABELED.
Θ	ELECTRICAL KEYNOTE #1, REFER TO NOTES ON SAME SHEET.
U. O. N.	UNLESS OTHERWISE NOTED
'н. Р.	WEATHERPROOF
	TERMINAL CABINET (SIZE AS SHOWN)
1	ELECTRICAL PANELBOARD
₽	DUPLEX RECEPTACLE IN WALL (+18" U.O.N.)
Φ	ISOLATED GROUND DUPLEX RECEPTACLE W/TVS5 (+18" U.O.N.)
Ф	G. F. C. I. DUPLEX RECEPTACLE IN WALL (+42" U.O.N.)
Þ	

	ELECTRICAL SYMBOLS ALL DIMENSIONS TO CENTER OF BOX, U.O.N.		
	CIRCUIT NUMBER (3-A-150)		-
-	FIXTURE TYPE (3-A-150)		
-150	FIXTURE WATTAGE (3-A-150)		
(4)	HOME RUN 3/4"C - MIN. (PANEL A, CIRCUIT #3)		
1	CONDUIT RUN IN WALL OR ATTIC (1/2"C - 2 #12 AWG THWN + 1 #12 GND)	·	
L	CONDUIT RUN IN FLOOR OR UG (1/2"C - 2 #12 ANG THWN + 1 #12 GND)		
₹.	ANY CONDUIT RUN - 1/2"C - 3 #12 AWG THWN + 1 #12 GND		
Ŧ	" - 3/4"C - 4 #12 AWG THWN + 1 #12 GND		
#	" - 3/4"C - 5 #12 AWG THWN + 1 #12 GND		
ŧ	" - 1"C - 6 #12 AWG THWN + 1 #12 GND		
Ψ	CONDUIT STUB - CAPPED AND LABELED.		
	ELECTRICAL KEYNOTE #1, REFER TO NOTES ON SAME SHEET.		
Z	UNLESS OTHERWISE NOTED		
۵.	WEATHERPROOF		
4	TERMINAL CABINET (SIZE AS SHOWN)		
4	ELECTRICAL PANELBOARD		
Ψ	DUPLEX RECEPTACLE IN WALL (+18" U.O.N.)	-	
4	ISOLATED GROUND DUPLEX RECEPTACLE W/TVSS (+18" U.O.N.)		
W	G.F.C.I. DUPLEX RECEPTACLE IN WALL (+42" U.O.N.)		·
₩	QUADRUPLEX RECEPTACLE (+18" U.O.N)		
#	SURFACE MOUNTED QUADRUPLEX RECEPTACLE		
щ	SURFACE MOUNTED DUPLEX RECEPTACLE		
エ	WALL MOUNTED FIXTURE		
	CEILING MOUNTED FIXTURE		
Ш	FLUORESCENT FIXTURE, MOUNT AS SHOWN		
Ц	FLUORESCENT FIXTURE WITH EMERGENCY BATTERY PACK, MOUNT AS SHOWN		
凸	TANDEM WIRED LIGHT FIXTURES WITH FACTORY PREWIRED INTERTIE CABLE		
LD	EMERGENCY LIGHT FIXTURE, RECESSED IN CEILING.		
	SWITCH (+48" 0 N)		

		Efilipp		
APPL.NO.	OFFICE	WILLIAM .	DANNY E. ARCHITECT	\$
	DENTIFI V. OF ST OF REC	AM J	E. C	The state of the s
101484	IDENTIFICATION STAMP DIV. OF STATE ARCHITECT OFFICE OF REGULATIONS SERVICES	C-)Rus/z	12
	STAMP HITTECT NS SERVI		C-14	
	CES	A.I., 6,83	A.I., ,72	



5620 DISTRICT BAKERSFIELD, (805)-832-(805)-832-

HITEC

REGULATIONS



CODES, TITLE 24 LIGHTING COMPLI .IANCE

ELECTRICAL SYMBOLS NOTES:

(1) PROVIDE A 41%" SQUARE × 216" DEEP OUTLET BOX WITH SINGLE GANG RAISED RING, DEPTH AS REQUIRED AND STAINLESS STEEL MOUNTING WALLPLATE/MODULAR TELEPHONE JACK.

TECHNOLOGIES

COMPLETE FIRE ALARM PLAN SUBMITTAL

THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE DIVISION OF THE STATE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

JOBS\SCHOOLS\BFIELD\BCSD\COLEGHTS\E1-0.2D REVISED: 01-06-99 NAME: AC

л ву - 90-