

ELECTRICAL LEGEND

SYMBOLS	DESCRIPTION
	RACEWAY AND WIRING, CONCEALED IN WALL OR ABOVE CEILING EXCEPT IN UNFINISHED AREA.
	JUNCTION, PULL OR TAP BOX, CEILING OR WALL MOUNTED
	FIRE ALARM SYSTEM MINI HORN AND STROBE LIGHT IN ALL ACCESSIBLE GUEST ROOMS CONNECTED TO MAIN BUILDING FIRE ALARM SYSTEM.
	SAFETY SWITCH, SIZE AND NUMBER OF POLES AS NOTED.
	MOTOR SWITCH, MANUAL.
	MOTOR CONNECTION
	LIGHTING FIXTURE AND OUTLET, WALL MOUNTED SEE NOTE 3.
	LIGHTING FIXTURE AND OUTLET, CEILING MOUNTED SEE NOTE 3.
	FLUORESCENT LIGHTING FIXTURE WITH OUTLET, WALL MOUNTED SEE NOTE 3.
	FLUORESCENT LIGHTING FIXTURE AND OUTLET, CEILING MOUNTED SEE NOTE 3.
	FLUORESCENT STRIP INDUSTRIAL LIGHTING FIXTURE AND OUTLET, CEILING MOUNTED. SEE NOTE 3.
	EXIT SIGN FIXTURE AND OUTLET, CEILING MOUNTED. DIRECTIONAL ARROWS AS INDICATED. SEE NOTE 3.
	EXIT SIGN FIXTURE AND OUTLET, WALL MOUNTED. DIRECTIONAL ARROWS AS INDICATED. SEE NOTE 3.
	EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK
	LOCAL LIGHTING SWITCH, +4+8" A.F.F.
	LOCAL LIGHTING SWITCH, 3-WAY, +4+8" A.F.F.
	KEY OPERATED SWITCH +4+8" AFF (SINGLE POLE OR 3-WAY)
	DIMMER SWITCH.
	TIMER SWITCH.
	TELEPHONE OUTLET, FLUSH WALL MOUNTED. +6" A.F.F., U.O.N.
	MAYV OUTLET, FLUSH WALL MOUNTED. +12" A.F.F., U.O.N.
	GROUND FAULT INTERRUPTER, DUPLEX RECEPTACLE, 20A, 125V, 3W, WALL MOUNTED. NEMA 5-20R, MTD. +4+8" A.F.F. UON (15A IN GUEST ROOMS ONLY)
	DUPLEX RECEPTACLE, 20A, 125V, 3W, WALL MOUNTED. NEMA 5-20R, MTD. 15" A.F.F. UON (15A IN GUEST ROOMS ONLY)
	DOUBLE DUPLEX RECEPTACLE, 20A, 125V, 3W, WALL MOUNTED. NEMA 5-20R, MTD. 15" A.F.F. UON (15A IN GUEST ROOMS ONLY)
	SPECIAL, SINGLE RECEPTACLE
	FIRE ALARM SYSTEM PULL STATION, FLUSH MOUNTED. +4+8" A.F.F.
	FIRE ALARM SYSTEM HORN AND STROBE LIGHT +7-6" A.F.F.
	FIRE ALARM STROBE LIGHT +6-8" A.F.F. OR 6" DOWN FROM CEILING. WIRELESS STROBE PER A.D.A.
	GUEST ROOM 120V, SINGLE STATION MINI HORN & SMOKE LIGHT & SMOKE DETECTOR ON WALL IN ALL GUEST ROOMS ACCESSIBLE OR HEARING IMPAIRED.
	GUEST ROOM 120V, SINGLE STATION MINI HORN & SMOKE DETECTOR OR HEARING IMPAIRED.
	FIRE ALARM SYSTEM SMOKE DETECTOR
	FIRE ALARM SYSTEM SPRINKLER RISER FLOW SWITCH.
	FLUSH FLOOR RECEPTACLE 20A, 125V, 3W - PROVIDE CARPET FLANGE.
	HORN/STROBE FOR HEARING IMPAIRED DOOR SIGNAL PER A.D.A.
	2-GANG BOX WITH TRANSFORMER FOR DOOR SIGNAL PER A.D.A.
	PUSH BUTTON FOR DOOR SIGNAL PER A.D.A.
	RECEPTACLES W/ OUTLET BOX FOR THRU-WALL A/C UNIT.
	FIRE ALARM HOLD OPEN DOOR DEVICE
	TELEPHONE OUTLET, FLUSH FLOOR MOUNTED, WITH BRASS COVER
	LIGHTING FIXTURE AND OUTLET ON NIGHT LIGHT.

ELECTRICAL ORIGINANCE  
ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, AS STATE, FEDERAL, COUNTY, OR LOCAL SUPPLEMENTS OR ADDITIONS, IN INSTANCES WHERE THE DRAWINGS AND THE NATIONAL ELECTRIC CODE ARE IN CONFLICT. THE WORK SHALL BE INSTALLED AS PER REQUIREMENTS OF THE NATIONAL CODE.

ELECTRICAL ABBREVIATIONS

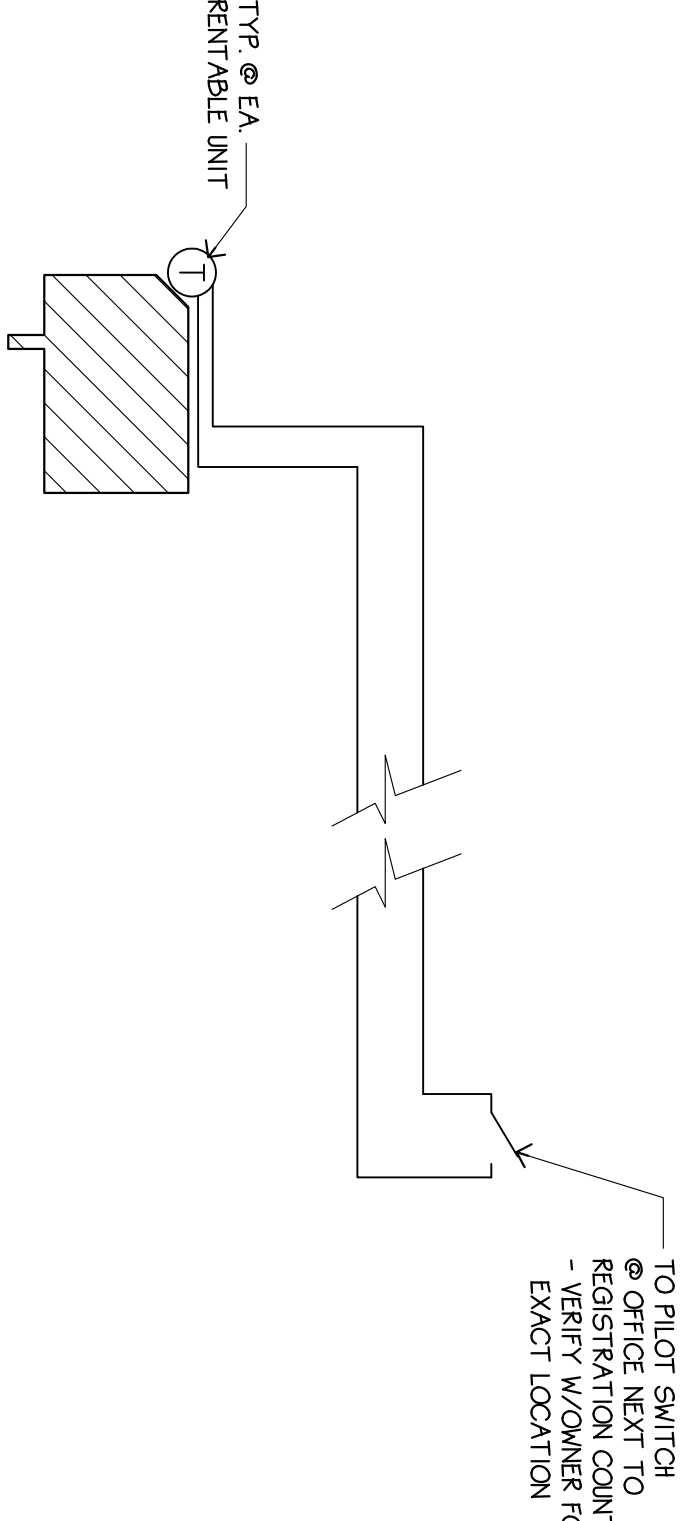
A	AMPERES
AF	ABOVE FINISHED FLOOR
AG	AMPERES INTERRUPTING CAPACITY (MNI)
AM	AMERICAN WIRE GLASSE
AWG	AMERICAN WIRE GLASSE
ANN	ANNUNCIATOR
B	BUILDING
C	CONDUIT
CATV	CABLE TELEVISION
CONT	CIRCUIT CONTINUATION
DIA	DIAMETER
DIS	DISTRIBUTION PANEL
DWG	DRAWING
EA	EMPTY CONDUIT
ECC	ELECTRICAL METALLIC TUBING
EML	ELECTRIC UNIT HEATER
EOL	ELECTRIC UNIT HEATER
EQUIP	ELECTRIC WALL HEATER
EMH	ELECTRIC WALL HEATER
F	FUSED
FA	FIRE ALARM
FIN	FINISH
FIX	FIXTURE
FLUOR	FLUORESCENT
GR	GROUND FAULT INTERRUPTER
GRND	GROUND
HP	HORSEPOWER
IG	ISOLATED GROUND INCANDESCENT
INCAN	INCANDESCENT
J	JUNCTION
KVA	KILO-VOLT-AMPERE
KW	KILOWATT
LOT	LIGHT
MATV	MASTER ANTENNA TELEVISION
MAX	MAXIMUM
MCM	THOUSAND CIRCULAR MILS
MFD	MICROFARAD
MIL	MIL
MLO	MAIN LUGS ONLY
MPC	MAIN POWER CENTER
MTC	MOUNT (ED),(ING)
N	NORTH
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
P	POLE
PMS	PROPERTY MANAGEMENT SYSTEM
PNL	PANEL
PVC	POLYVINYL CHLORIDE
RSC	RIGID STEEL CONDUIT
SD	SMOKE DETECTOR
SIM	SIMILAR
S/S	STAINLESS STEEL
TEL	TELEPHONE
T	TRANSFORMER
TRP	TYPICAL
UL	UNDERWRITER LABORATORIES
UON	UNLESS OTHERWISE NOTED
V	VOLT
WP	WEATHERPROOF

LIGHTING FIXTURE SCHEDULE

ID.	MANUFACTURER	CATALOG NO.	LAMPS	VOLTAGE	WATTAGE	MOUNTING	COLE FINISH	EXTERIOR FINISH	REMARKS
A	LITHONIA	LB 2 32 120 GEB	(2) f032 18/35K FLUOR	120	71	SURFACE	WHITE	WHITE	
A1	LITHONIA	LB 4 32 120 GEB	(4) f032 18/35K FLUOR	120	142	SURFACE	WHITE	WHITE	
B	LITHONIA	L 2 40 120 GEB	(2) f032 18/35K FLUOR	120	71	SURFACE	WHITE	WHITE	
C	LITHONIA	L 1 40 120 GEB	(1) f032 18/35K FLUOR	120	37	SURFACE	WHITE	WHITE	
D	HALO	H80T-800 P	(2) f13W T12 (2) 35K - FLUOR	120	34	RECESSED	WHITE	WHITE TRIM	
E	KALCO	851T S	(2) f28W QUAD (2) 35K - FLUOR	120	25	WALL	WHITE	WHITE	
E1	KALCO	851T S	(1) 100W INCAND.	120	100	WALL	WHITE	WHITE	
F	KALCO	8522 S	(5) 100W INCAND.	120	500	SURFACE	WHITE	WHITE	
G	LITHONIA	C 2 32 120 GEB	(2) f032 18/35K FLUOR	120	71	SURFACE	WHITE	WHITE	
H	THIMELY	497 TW	(2) 60W INCAND.	120	120	SURFACE	WHITE	TEXTURED WHITE	
I	LITHONIA	10972	(2) ORCLINE LAMPS FLUOR	120	90	SURFACE	WHITE	WHITE	
J	LITHONIA	MP2444 120 ES	(4) f032 18/35K FLUOR	120	142	RECESSED	WHITE	WHITE	
K	LITHONIA	OM-S-W-R-WR-120/27-EL	(2) f15W INCAND.	120	27	UNIVERSAL	WHITE	WHITE	
L	LITHONIA	6ELW2	(2) 72W TUNGSTEN FLUOR	120	20	UNIVERSAL	WHITE	WHITE	
L1	LITHONIA	H2M-S-W-R-WR-120/27-EL	(2) 72W TUNGSTEN FLUOR	120	27	UNIVERSAL	WHITE	WHITE	
M	DABBO	4014	(1) 35W TMM TUBE FLUOR	120	17	WALL	WHITE	WHITE	
N	HALO	H80T-810WP	(2) f27W T12 (2) 35K - FLUOR	120	60	RECESSED	BLACK COLEX	WHITE TRIM	
Q	LITHONIA	25P-G-4-32-120V	(4) f032 18/35K FLUOR	120	142	RECESSED	WHITE	WHITE	
R	LITHONIA	SP-G-2-32-120V	(2) f032 18/35K FLUOR	120	71	RECESSED	WHITE	WHITE	
S	LITHONIA	LG8-2/120T-7RW	(2) f13W QUAD (2) 35K - FLUOR	120	36	RECESSED	SHATTER PROOF	WHITE	
T	LITHONIA	UC-21-120	(1) f013 18/35K FLUOR	120	20	SURFACE	WHITE	WHITE	
Z1	LITHONIA	K40-400W-R3-208-SP	(1) 400W METAL HALIDE	120	400	POLE ON BASE	WHITE	WHITE	
Z2	LITHONIA	K40-400W-R3-208-SP	(2) 400W METAL HALIDE (TMM MOUNTING)	120	800	POLE ON BASE	WHITE	WHITE	
Z3	LITHONIA	KE13-400W-SP-120 SW	(2) 400W METAL HALIDE	120	800	POLE ON BASE	WHITE	WHITE	
Z4	FX	MB-35	(1) 35W MR-16 HALOGEN	24V	35W	BOLLARD	WHITE	WHITE	
Z5	LITHONIA	LG8-70W-7RWFL120	(1) 70W METAL HALIDE	120	70	RECESSED	WHITE	WHITE	
Z6	FX	RS-50-V-WL	(1) 50W MR-16 HALOGEN	24V	50W	GROUND	WHITE	WHITE	

ELECTRICAL GENERAL NOTES

1. ALL RECEPTACLES AND SWITCHES SHALL BE FLUSH MOUNTED FOR ALL AREAS, U.O.N.
2. THE ELECTRICAL DRAWINGS ARE GENERALLY DIAGRAMATIC. THE ELECTRICAL INSTALLATION SHALL BE COORDINATED WITH ALL OTHER TRADES SO THAT INTERFERENCES BETWEEN THE ELECTRICAL INSTALLATION AND ARCHITECTURAL, MECHANICAL, PLUMBING, AND OTHER TRADES SHALL BE AVOIDED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ROOM AND AREA FINISHES, CEILING PLANS, DOOR SWINGS, FIRE-RELATED PARTITIONS, CABINET AND CASE WORK AND BUILT-IN DETAILS.
3. LIGHTING FIXTURES IDENTIFICATION IS AS FOLLOWS: UPPER CASE LETTER (A)-DENOTES FIXTURE TYPE.
4. CONTRACTOR SHALL PROVIDE ALL DISCONNECTS TO MEET LOCAL CODES.
5. CONTRACTOR SHALL VERIFY ALL DOOR SWINGS BEFORE INSTALLING LIGHT SWITCHES. ALL LIGHT SWITCHES SHALL BE INSTALLED ON STRIKE SIDE OF DOOR UNLESS SPECIFICALLY NOTED OTHERWISE.
6. ALL FINAL CONNECTIONS SHOWN ON THE DRAWINGS ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THEIR APPROXIMATE LOCATION.
7. ALL MOTOR STARTERS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR FURNISHING THE EQUIPMENT AND INSTALLED, WIRED AND CONNECTED BY ELECTRICAL CONTRACTOR.
8. ALL FLUORESCENT LAMPS SHALL BE T-8 LAMPS
9. ALL RECEPTACLES, HORNS, SIGNAL INDICATORS, EMERGENCY LIGHTS, PULL STATIONS AND EXIT LIGHTS MOUNTED ON THE EXTERIOR OF THE BUILDING AND AT THE INDOOR POOL SHALL BE THE WEATHERPROOF TYPE.
10. FOR ALL GUESTROOM SMOKE DETECTORS AND MINI-HORNS, CONTRACTOR SHALL INSTALL TWO ADJACENT ONE GANG BOXES. SMOKE DETECTORS SHALL BE CONNECTED TO POWER CIRCUIT AND HORNS SHALL BE CONNECTED TO FIRE ALARM SYSTEM.
11. ALL BATHROOM RECEPTACLES SHALL BE G.F.I. (179)
12. NOT USED.
13. AUDIO/VISUAL INDICATOR SHALL BE INSTALLED ABOVE THE FIRE ALARM PULL STATION WHERE APPLICABLE AT APPROXIMATELY 6" BELOW CEILING.
14. ALL EMERGENCY BATTERY PACKS SERVING STAIR, CORE, AND SHELTER LIGHTING SHALL BE CONNECTED TO THE SAME CIRCUIT SERVING THAT AREA PRIOR TO THE SWITCH AND PHOTOCELL.
15. ALL EXTERIOR EQUIPMENT AND DEVICES SHALL BE WEATHERPROOF AND RAIN TIGHT.
16. COORDINATE LOCATION OF CATV CABLE STUB UP WITH THE RISER LOCATION FOR SATELLITE AND CABLE TV.
17. COORDINATE ALL LIGHTING WITH MECHANICAL AND PLUMBING EQUIPMENT.
18. THE ELECTRICAL CONTRACTOR SHALL WIRE THE EMERGENCY SYSTEM PER N.E.C. ARTICLE 700. PROVIDE LOW VOLTAGE WIRING AS REQUIRED.
19. ALL FLUORESCENT LIGHT FIXTURES TO HAVE ELECTRONIC BALLASTS.



CONTROL WIRING DIAGRAM  
NO SCALE

12/23/97

LEE GAGE ASSOCIATES  
C-6718  
FRESNO  
1-319-99

STATE OF CALIFORNIA  
LICENSED ARCHITECT

Project no.

Sheet

E5

Drawn

Checked

Revised

Revised

Project no.

by

date

PROPOSED:  
HAMPTON INN  
CORPORATE DRIVE  
SOUTH SAN FRANCISCO, CA.

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lee gage & associates  
architects • engineers • planners  
7636 n. ingram suite 107 fresno, california 93711 phone (209) 439-2222