## LIGHTING LEGEND

SEE FIXTURE SCHEDULE FOR EXACT CALL OUT & PHOTO ELECTRIC CELL

ABBREVIATION FOR NIGHT LIGHT

ABBREVIATION FOR EMERGENCY LIGHT

FIXTURE IDENTIFICATION -LETTER INDICATES FIXTURE TY
-NUMERAL INDICATES LAMP QUANTITY AND WATTAGE

DIMMER SWITCH SINGLE POLE +48" LIGHT FIXTURE -WALL MOUNTED
RECESSED DOWN LIGHT
SINGLE POLE TOGGLE SWITCH +48"
TWO POLE TOGGLE SWITCH +48"
THREE POLE TOGGLE SWITCH +48" CHING SU DEVICE KEY PILOT

### GENERAL ELECTRICAL LEGEND

CONDUIT -SURFACE MOUNTED OR ABOVE CEILING -EMT WITH COMPRESSION FITTING UNLESS NOTED ON PLANS CONDUIT -CONCEALED BELOW FLOOR IN EMT OR UNDERGROUND SCH 40 WITH IMC ELBOWS HUMERUN TO PERSPECTIVE PANEL OR CABINET -BRANCH CIRCUIT WITH OUT FURTHER DESIGNATION IS A #12 WIRE CIRCUIT 'F' FIRE ALARM & 'D' DATA; '-T' DENOTES TRAFFIC LID

MUTUR/EXHAUST FAN -N.I.E.S. -CONNECT AS REQUIRED

DUPLEX RECEPTACLE +18" A.F.F. - GFCI WHERE NUITED

JUNCTION BOX -4 11/16" x 2 1/8" SQUARE OR SMALL

JUNCTION BOX -LARGER THAN 4 11/16" x 2 1/8" SQUARE

FLOOR JUNCTION BOX -WALKER OR EQUAL

FUSED DISCONNECT SWITCH -SIZE AS NOTED -30A. SHOWN

FULL VOLTAGE STARTER -SIZE AS NOTED -SIZE 3 SHOWN

COMBINATION STARTER -SIZE AS NOTED -SIZE 3 SHOWN

### TLE 24 MANDATORY MEASURES

 $\boxtimes$  $\boxtimes$ BUILDING LIGHTING SHUT-OFF

For every floor, all interior lighting systems shall be equipped with a separtomatic control to shut off the lighting. This automatic control shall meet the requirements of section 119 and may be an occupancy sensor, automatic time system device capable of automatically shutting off the lighting.

OVERRIDE FOR BUILDING LIGHTING SHUT-OFF

The automatic building shut-off system is provided with a manual, accessioveride switch in sight of the lights. The area of override is not to exceed square feet.

TANDEM WIRING FOR TWO-LAMP BALLAST'S

All one and three lamp fluorescent fixtures where required by Standards Section 132; or all specfied with electronic high-frequency ballasts crequirements. FLUORESCENT BALLAST AND LUMINAIRES CERTIFIED

All fluorescent fixtures specified for the project
Directory. All installed fixtures shall be certified. s are tandem wired with three lamp fluorescent and are exempt from ta 3.

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UNIFORM REDUCTION FOR INDIVIDUAL ROOMS

All rooms and areas greater than 100 square feet and more than 1.2 watts per square foot of lighting load shall be controlled with bi-level switching for uniform reduction of lighting within the room. INDIVIDUAL ROOM/AREA CONTROLS

Each room and area in the building is equipped with a separate occupancy sensor device for each area with floor-to-ceiling walls.

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All rooms with windows and skylights that are greater than 250 square that allow for the effective use of daylight in the area shall have 50 % of the each daylit areacontrolled by a separate switch; or the effective use of accomplished because the windows are continuously shaded by a better adjacent lot. Diagram of shading during different times of the year is in the salpacent lot. re feet and fithe lamps adviight anilding on included on

DISPLAY LIGHTING
Display lig

# **ECTRICAL ABBREVIATIONS**

AARE COPPER GROUND BACKBOARD BREAKER BUILDIV" NON-AUTOMATIC
NOTIFICATION APPLIANCE CIRCUIT
NORMALLY CLOSED
NOT IN ELECTRICAL SECTION
NOT IN ELECTRICAL CODE
NUMBER
NUMBER
NUMBER
NURMALLY OPEN
NIGHT LIGHT .NE
ELBOW
LINEAR FEET
LOCKOUT-STOP
LOCK-OFF-HALT
LOW VOLTAGE CILOVOLTS CILOVOLT AMPERES CILOWATTS AL VANIZED ROUND ENERAL CONTRACTOR RECEPTACLE
RAIN TIGHT

### **GENERAL** ELECTRIC

PROVIDE ALL LABOR, MATERIALS, TOOLS, PLANT EQUIPMENT, TRANSPORTATION AND ALL PERFORM ALL OPERATIONS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF ALL ELECTRICAL WORK REQUIRED FOR THE COMPLETE AND OPERATING SYSTEMS AS OUTLINED WITHIN THE SCOPE OF WORK.

UNDERWRITERS LABORATORIES, INC., SHALL MEET THEIR REQUIREMENTS AND SHALL BEAR THEIR LABEL WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE IS REGULARLY FURNISHED BY THAT AGENCY.

CONDUCTORS

ALL ELECTRICAL WORK SHALL CO CALIFORNIA TITLE 17, 19 & 24 AL FIRE MARSHAL'S REQUIREMENTS. ONE WITH THE 2007 CALIE. ELECTRICAL CODE WITH REQUIREMENTS GOVERNING LOCAL

WHERE EXISTING CONSTRUCTION MATERIALS TO MATCH IN KIND, ' IS CUT, DAMAGED, OR REMODELED, QUALITY, AND PERFORMANCE.

CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE, IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA. EXPOSED SURFACES

CLEAN ALL

#### ELECTRICAL COMPL ANCE NOTES

THE INTENT OF THE DRAWINGS AND SPECIFICATION IS TO CONSTRUCT THE PROPOSED BUILDING IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 22, DIVISION 7, CHAPTER 7, CALIFORNIA CODE OF REGULATIONS AND TITLE 24 -- ALL APPLICABLE PARTS OF LATEST EFFECTIVE EDITIONS.

ALL WORK PERFORMED UNDER THIS CONTRACT CODES AND REGULATIONS AS APPLICABLE: FOLLOWING

PART 1, TITLE 24, CALIFORNIA CODE (CAC)
PART 1, TITLE 24, CALIFORNIA CODE OF REGULATI
2007 CALIFORNIA BUILDING CODE (CBC)
PART 2, TITLE 24, CCR
BASED ON THE 2006 INTERNATIONAL BUILDING CO
2007 CALIFORNIA ELECTRICAL CODE (CEC)
PART 3, TITLE 24, CCR
BASED ON THE 2005 NATIONAL ELECTRICAL CODE
2007 CALIFORNIA MECHANICAL CODE (CMC)
PART 4, TITLE 24, CCR
BASED ON THE 2006 UNIFORM MECHANICAL CODE
2007 CALIFORNIA PLUMBING CODE (CPC)
PART 5, TITLE 24, CCR
BASED ON THE 2006 UNIFORM PLUMBING CODE (UP
2007 CALIFORNIA FIRE CODE (CFC)
PART 9, TITLE 24, CCR
BASED ON THE 27, CCR CODE (UPC)

UNLESS OTHERWISE STATED, IT IS INTENDED THAT THE ABOVE CODES REGULATIONS REFER TO THE LATEST EDITION OR REVISION IN EFFECT OF THE CONTRACT. NOTHING ON THE DRAWING IS TO BE CONSTRUED, PERMITTING WORK THAT IS CONTRARY TO THE ABOVE LISTED CODES A OR OTHER LOCAL, STATE OR FEDERAL CODES OR REGULATIONS WHICH APPLICABLE. FIRE CODE (IFC)

# A NOTES

THE SIZE AND LOCATIONS OF EQUIPMENT ARE SHOWN TO SCALE WHEREVER POSSIBLE, CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION AT THE SITE.

CONDUCTORS SHALL BE COPPER ALL REQUIRED CONDUITS SHALL BE PROVIDED BY E.C. LOW VOLTAGE WIRING SHALL BE BY MECHANICAL CONTRACTOR, LINE VOLTAGE (50 VOLTS OR MORE) SHALL BE BY ELECTRICAL CONTRACTOR. TYPE AS NOTED ON WIRING SCHEDULE.

ALL BOXES, EQUIPMENT AND CONDUITS SHALL BE SUPPORTED AND BRACED PER THE SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEM " OR NO. OPA-OOO3, THE "SUPER STRUT SEISMIC RESTRAINT SYSTEM " FOR PIPES AND CONDUITS ONLY.

DO NOT PENETRATE STRUCTURAL MEMBERS, INCLUDING BEAMS, COLUMNS, OR FOOTINGS, WITHOUT PRIOR WRITTEN CONSENT OF THE DISTRICT'S STRUCTURAL ENGINEER. SHOULD IT BECOME NECESSARY TO PENETRATE SUCH MEMBERS, NOTIFY THE DISTRICT IN WRITING WITHOUT DELAY, PRIOR TO PROCEEDING WITH CONSTRUCTION AROUND SUCH MEMBERS.

ALL WORK TO BE IN ACCORDANCE CODES AND BUILDING CODES.

WORK SHALL BE EXECUTED IN A POSSIBLE DISTURBANCE TO PUBL CAREFUL AND ORDERLY MANNER WITH THE LEAST IC AND TO OCCUPANTS OF EXISTING BUILDING.

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MODESTO, CALIFORNIA

CITY PLAN CHE

TENANT IMPROVEMENT FOR: GRANITE REALTY CORNERSTONE MALL 2000 BRIGGSMORE

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