

LIGHT FIXTURE SCHEDULE

FBA # 325.070

GENERAL NOTES

SYMBOL LIST

Table with columns: TYPE, LIGHT FIXTURE DESCRIPTION, FIXTURE MAXIMUM TOTAL INPUT WATTS, FIXTURE MINIMUM LUMEN OUTPUT EFFICIENCY, FIXTURE MOUNTING, LAMP TYPE, LAMP COLOR TEMPERATURE, K, LAMP BULB, LAMP EXPL. NOT LESS THAN, EACH LAMP INITIAL MINIMUM LUMEN OUTPUT, TOTAL ALL LAMPS INITIAL MINIMUM LUMEN OUTPUT, LAMP QUANTITY.

- 1. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO COVER A COMPLETE INSTALLATION OF SYSTEMS. THE OMISSION OR EXPRESSED REFERENCE TO ANY ITEM OF LABOR OR MATERIALS REQUIRED FOR THE PROPER EXECUTION OF THE WORK IN ACCORDANCE WITH PRESENT PRACTICE OF THE TRADE SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING SUCH ADDITIONAL LABOR AND MATERIALS.
2. THIS PROJECT IS A REMODEL OF AN EXISTING BUILDING. REFER TO THE ARCHITECTURAL DRAWINGS FOR NOTES AND OTHER ELECTRICAL REQUIREMENTS NOT SHOWN ON THE ELECTRICAL DRAWINGS AND TO DETERMINE EXISTING CONSTRUCTION TO REMAIN AS WELL AS NEW CONSTRUCTION. IF THERE ARE OMISSIONS OR CONFLICTS BETWEEN THE ELECTRICAL DRAWINGS AND THE DOCUMENTS OF OTHER TRADES, CLARIFY THESE POINTS WITH THE ARCHITECT BEFORE SUBMITTING A BID. NO EXTRA PAYMENT WILL BE ALLOWED FOR FAILURE TO OBTAIN THIS INFORMATION.
3. THESE PLANS, SPECIFICATIONS, AND ALL MATERIALS SHALL BE IN FULL ACCORDANCE WITH ALL LEGAL AND INDUSTRY REQUIREMENTS, AND STANDARDS INCLUDING WITHOUT LIMITATION TO THE FOLLOWING:
a. CALIFORNIA CODE OF REGULATIONS TITLE 24, PARTS 1 AND 2 (CALIFORNIA BUILDING CODE), 2013 EDITION.
b. CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 3 (CALIFORNIA ELECTRICAL CODE), 2013 EDITION.
c. CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 6 (CALIFORNIA ENERGY CODE), 2013 EDITION.
d. CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 9 (CALIFORNIA FIRE CODE), 2013 EDITION.
e. OTHER REGULATING AGENCIES WHICH MAY HAVE AUTHORITY OVER ANY PORTION OF THE WORK, INCLUDING THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND THOSE CODES AND STANDARDS LISTED IN THESE NOTES AND SPECIFICATIONS.
f. THE ELECTRICAL SYSTEMS FUNCTIONALITY STANDARDS SET FORTH IN TITLE 7 OF THE CALIFORNIA CIVIL CODE (THE "RIGHT TO REPAIR ACT").
g. THE MANUFACTURER'S REQUIREMENTS OR RECOMMENDATIONS FOR ANY INCORPORATED PRODUCTS.
h. THE MOST CURRENT APPROVED ISSUES OF ANY NOTED SPECIFICATIONS, CODES AND STANDARDS INCLUDING SUPPLEMENTS, UNLESS NOTED OTHERWISE.
4. THE PLANS REPRESENT ONLY THE FINISHED ELECTRICAL, FIRE ALARM, AND LOW VOLTAGE SYSTEMS, AND THEY ARE NOT INTENDED TO INDICATE OR REQUIRE ANY CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES.
5. IN USING THE PLANS FOR BIDDING OR CONSTRUCTION PURPOSES, THE CONTRACTOR IS REQUIRED TO REVIEW ALL OF THE PROJECT'S CONSTRUCTION DOCUMENTS AS A WHOLE IN ORDER TO IDENTIFY ALL REQUIREMENTS THAT DIRECTLY OR INDIRECTLY AFFECT ITS PORTION OF THE ELECTRICAL WORK, EVEN REQUIREMENTS LOCATED IN SECTIONS DESIGNATED AS APPLICABLE TO OTHER TRADES. IN CASE OF CONFLICTS, THE CONTRACTOR SHALL EITHER OBTAIN DIRECTION FROM AN APPROPRIATE OWNER REPRESENTATIVE OR OTHERWISE APPLY THE MORE STRINGENT REQUIREMENT.
6. IN INTERPRETING THE PLANS, THE FOLLOWING GENERAL RULES APPLY:
a. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DRAWINGS.
b. SCALED DIMENSIONS AND GRAPHICALLY SHOWN LOCATIONS ARE TO BE CONSIDERED ONLY APPROXIMATE. FIELD VERIFY DIMENSIONS PRIOR TO BID.
c. BECAUSE THE PLANS ARE INTENDED TO SET FORTH THE REQUIREMENTS FOR CONSTRUCTION IN ONLY AN INDUSTRY-STANDARD LEVEL OF QUALITY AND DETAIL, AND THEREFORE ARE INTENDED TO BE SUPPLEMENTED BY APPROPRIATE REQUESTS FOR CLARIFICATION AND INFORMATION, ERRORS AND OMISSIONS ARE TO BE EXPECTED AND ANTICIPATED, AND THE CONTRACTOR IS REQUIRED TO CAREFULLY REVIEW THE PLANS FOR ERRORS AND OMISSIONS AND TO BRING THESE ERRORS AND OMISSIONS TO THE ATTENTION OF AN APPROPRIATE OWNER REPRESENTATIVE IN A TIMELY MANNER AN ASSUMES THE RISK OF THE CONSEQUENCES OF FAILING TO DO SO BEFORE BIDDING OR OTHERWISE PROCEEDING.
d. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION, AND NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES.
7. SUBMITTALS WILL BE REVIEWED BY THE ELECTRICAL ENGINEER, IF AT ALL, ONLY PURSUANT TO THE INDUSTRY-STANDARD PROTOCOL SET FORTH IN AIA DOCUMENT A201, AND IN NO EVENT WILL THE SUBMITTAL REVIEW PROCESS RELIEVE OR LESSEN THE SUBMITTING CONTRACTOR'S RESPONSIBILITY FOR AN INAPPROPRIATE SUBMITTAL.
8. IN NO EVENT WILL ANY SITE VISITS BY THE ELECTRICAL ENGINEER CONCERN CONSTRUCTION MEANS AND METHODS OR CONSTRUCTION SAFETY, AND ALL SUCH MATTERS SHALL REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
9. COPIES OF THE PLANS PROVIDED IN ANY ELECTRONIC FORM ARE SUBJECT TO THE SAME PROVISIONS AS THE OTHER INSTRUMENTS OF SERVICE PREPARED BY OR ON BEHALF OF ELECTRICAL ENGINEER FOR THE PROJECT, INCLUDING WITHOUT LIMITATION THE ENGINEER'S COMMON LAW, STATUTORY OR OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS. A RECIPIENT IS GRANTED AT MOST A TRANSFERABLE NONEXCLUSIVE LICENSE TO REUSE THE PLANS SOLELY FOR PROJECT PURPOSES, AND NO RECIPIENT IS AUTHORIZED TO USE OR TO ALLOW THE USE OF ALL OR ANY PORTION OF THESE PLANS FOR ANY OTHER PURPOSE, AND ANY USE FOR ANY OTHER PURPOSE WOULD CONSTITUTE ACTIONABLE PLAGIARISM. ELECTRICAL ENGINEER PROVIDES DOCUMENTS IN AN ELECTRONIC FORM ONLY IN ITS STANDARD FORMATS AND CONVENTIONS AND WITH NO GUARANTEE OF COMPATIBILITY WITH ANY RECIPIENT'S SOFTWARE OR HARDWARE, AND ANY USE WITH OR CONVERSION TO OTHER FORMATS OR CONVENTIONS, OR THE USE WITH ANY PARTICULAR SOFTWARE OR HARDWARE, IS AT THE RECIPIENT'S SOLE RISK.
10. ELECTRICAL PLANS DO NOT SHOW ELECTRICAL REQUIREMENTS FOR MECHANICAL AND PLUMBING EQUIPMENT CONTROL. REFER TO MECHANICAL AND PLUMBING PLANS AND SPECIFICATIONS, WHERE EQUIPMENT IS INDICATED TO BE BY ELECTRICAL CONTRACTOR PROVIDE ALL CONDUIT, WIRE, J-BOX, OUTLET BOXES, RELAY SWITCHES, TIME SWITCHES, CONTROL CIRCUITS, ETC. REQUIRED FOR A COMPLETE AND OPERABLE MECHANICAL AND PLUMBING INSTALLATION. ALL WIRE SHALL BE INSTALLED IN CODE SIZED CONDUIT.
11. REFER TO THE DRAWINGS AND SHOP DRAWINGS OF OTHER TRADES FOR ADDITIONAL DETAILS WHICH AFFECT THE PROPER INSTALLATION OF THIS WORK.
12. BEFORE SUBMITTING A BID, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL FEATURES OF THE EXISTING BUILDING, AND ALL BUILDING DRAWINGS WHICH MAY AFFECT THE EXECUTION OF THE WORK. NO EXTRA PAYMENT WILL BE ALLOWED FOR FAILURE TO OBTAIN THIS INFORMATION.

- 13. PROTECT ALL WORK, MATERIALS AND EQUIPMENT FROM DAMAGE FROM ANY CAUSE WHATSOEVER AND PROVIDE ADEQUATE AND PROPER STORAGE FACILITIES DURING THE PROGRESS OF THE WORK. PROVIDE FOR THE SAFETY AND GOOD CONDITION OF THE WORK UNTIL FINAL ACCEPTANCE OF THE WORK BY THE OWNER AND REPLACE ALL DAMAGED OR DEFECTIVE WORK, MATERIALS AND EQUIPMENT BEFORE REQUESTING FINAL ACCEPTANCE.
14. THE DRAWINGS INDICATE IN A DIAGRAMMATIC MANNER, THE DESIRED LOCATIONS OF ARRANGEMENT OF THE COMPONENTS OF ELECTRICAL WORK. DETERMINE EXACT CONDUIT ROUTING, CONDUIT BRANDS, AUXILIARY JUNCTION BOXES, SUPPORTS, AND UNDEFINED CONSTRUCTION DETAILS AS A JOB CONDITION TO BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE CODE REQUIREMENTS. PROPER JUDGEMENT MUST BE EXERCISED IN EXECUTING THE WORK SO AS TO SECURE THE BEST POSSIBLE INSTALLATION IN THE AVAILABLE SPACE, AND TO OVERCOME LOCAL DIFFICULTIES DUE TO SPACE LIMITATIONS OR INTERFERENCE OF CONDITIONS ENCOUNTERED.
15. IN THE EVENT CHANGES IN THE INDICATED LOCATIONS OR ARRANGEMENTS ARE NECESSARY, DUE TO DEVELOPED CONDITIONS IN THE BUILDING CONSTRUCTION OR REARRANGEMENT OF EQUIPMENT, SUCH CHANGES SHALL BE MADE WITHOUT COST PROVIDING THE CHANGE IS ORDERED BEFORE THE CONDUIT RUNS, ETC., AND WORK DIRECTLY CONNECTED TO SAID ITEMS INSTALLED AND NO EXTRA MATERIALS ARE REQUIRED.
16. THE DRAWINGS INDICATE APPROXIMATE LOCATIONS OF EXISTING CONDUITS. EXACT ROUTING SHALL BE VERIFIED IN FIELD AND LENGTHS TO ALL LOCATIONS SHALL BE ADJUSTED TO THE LENGTH REQUIRED.
17. PERFORM CUTTING AND PATCHING ON THE CONSTRUCTION WORK WHICH MAY BE REQUIRED FOR THE PROPER INSTALLATION OF THE ELECTRICAL WORK. PATCHING SHALL BE OF THE SAME MATERIAL, WORKMANSHIP AND FINISH AS SPECIFIED AND ACCURATELY MATCH SURROUNDING WORK TO SATISFACTION OF THE ARCHITECT.
18. LOCATIONS OF DISCONNECT SWITCHES AND CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT ARE SHOWN DIAGRAMMATICALLY. VERIFY ACTUAL CONNECTION LOCATIONS WITH EQUIPMENT SHOP DRAWINGS AND LOCATE DISCONNECT SWITCHES TO PROVIDE CODE REQUIRED CLEARANCES AND ACCESS. DISCONNECT SWITCHES ON ROOF SHALL BE 30" MINIMUM ABOVE ROOF. MOUNTING OF DISCONNECTS DIRECTLY ON MECHANICAL EQUIPMENT IS NOT ACCEPTABLE. PROVIDE ANGLE IRON SUPPORT BRACKETS BOLTED TO ROOF FRAMING. FIELD GALVANIZE ALL FIELD CUT ENDS OF SUPPORTS. PROVIDE ROOF FLASHING AS REQUIRED.
19. PROVIDE ALL EQUIPMENT WITH ENCLOSURES LISTED OR LABELED FOR USE AND LOCATION WHERE SUCH EQUIPMENT IS INSTALLED.
20. PROVIDE UL LISTED FIRE STOP FOR ALL PENETRATIONS THROUGH FIRE RATED FLOORS, WALLS AND CEILING TO MAINTAIN ALL FIRE RATINGS. THE FIRE STOP MATERIALS SHALL BE RE-ENTERABLE AND REUSABLE.
21. WHERE EXISTING CIRCUITS ARE SHOWN ON PLANS, THE INFORMATION WAS OBTAINED FROM RECORD DRAWINGS. WHERE NEW CIRCUITS ARE SHOWN IN EXISTING PANELBOARDS, THE CONTRACTOR SHALL VERIFY THAT THE INDICATED CIRCUITS ARE AVAILABLE IN THE EXISTING PANELBOARDS. THE CONTRACTOR SHALL RELOCATE SUCH CIRCUITS TO AN AVAILABLE SPACE IN THE EXISTING PANELBOARDS, AND "AS BUILT" PLANS, IF NO CIRCUIT SPACE IS AVAILABLE IN THE EXISTING PANELBOARDS, THE CONTRACTOR SHALL REPORT THE DISCREPANCY TO THE ARCHITECT.
22. GROUNDING SHALL BE EXECUTED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS, BOTH OF THE STATE OF CALIFORNIA AND LOCAL AUTHORITIES HAVING JURISDICTION.
23. PROVIDE GROUND WIRE IN EACH CONDUIT CONTAINING CIRCUITS FEEDING RECEPTACLES. THE CONDUIT SHALL NOT BE PERMITTED TO SERVE AS THE ONLY ELECTRICAL GROUND RETURN PATH.
24. NEW CIRCUIT BREAKERS IN EXISTING PANELBOARDS SHALL BE THE SAME TYPE AND INTERRUPTING RATING AS EXISTING BREAKERS IN PANEL.
25. WHERE CIRCUIT CHANGES OR ADDITIONS OCCUR IN PANELBOARDS UPDATE PANEL DIRECTORY CARDS WITH NEW TYPEWRITTEN CARDS INDICATING DESCRIPTION OF ALL CIRCUITS.
26. PROVIDE HANDLE TIES AT CIRCUIT BREAKERS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS OF MULTI-WIRE BRANCH CIRCUITS WITH A SHARED NEUTRAL.
27. UNLESS NOTED OTHERWISE ALL 120 VOLT HOMERUNS OVER 100 FEET SHALL BE #10 AWG MINIMUM. ADJUST CONDUIT SIZE ACCORDINGLY.
28. UNLESS NOTED OTHERWISE ALL 277 VOLT HOMERUNS OVER 200 FEET SHALL BE #10 AWG MINIMUM, OVER 300 FEET SHALL BE #8 AWG MINIMUM. ADJUST CONDUIT SIZE ACCORDINGLY.
29. CONDUIT FOR TELEPHONE/DATA CABLING SHALL COMPLY WITH THE FOLLOWING ADDITIONAL REQUIREMENTS:
a. INSIDE BEND RADIUS SHALL BE AT LEAST 10 TIMES ITS INTERNAL DIAMETER.
b. PROVIDE PULL BOXES WHENEVER CONDUIT LENGTH EXCEEDS 150 FEET AND WHEN COMBINED BENDS ARE GREATER THAN 180 DEGREES.
c. ALL CONDUIT SHALL BE PROVIDED WITH INSULATED BUSHINGS.
d. MAINTAIN A MINIMUM CLEARANCE OF 4 FEET FROM MOTORS AND TRANSFORMERS.
e. MAINTAIN A MINIMUM CLEARANCE OF 12 INCHES FROM POWER CIRCUITS.
f. MAINTAIN A MINIMUM CLEARANCE OF 12 INCHES FROM FLUORESCENT LIGHT FIXTURES.
30. COORDINATE MOUNTING HEIGHTS OF RECEPTACLES, SWITCHES, FIRE ALARM DEVICES, SECURITY DEVICES, ETC. MOUNTED ON COMMON WALLS SO THAT ALL OUTLETS ARE MOUNTED TO ALIGN HORIZONTALLY.
31. ALL EXISTING ELECTRICAL WITHIN THE DEMOLITION AREAS OF THE BUILDING SHALL BE REMOVED UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE ELECTRICAL DRAWINGS. REFER TO DEMOLITION NOTES.
32. NOTIFY THE ARCHITECT IN WRITING WHEN INSTALLATION IS COMPLETE AND THAT A FINAL INSPECTION OF THIS WORK CAN BE PERFORMED. IN THE EVENT DEFECTS OR DEFICIENCIES ARE FOUND DURING THIS FINAL INSPECTION, THEY SHALL BE CORRECTED TO THE SATISFACTION OF THE ARCHITECT BEFORE FINAL ACCEPTANCE CAN BE ISSUED.
33. ALL ELECTRICAL EQUIPMENT AND WIRING SHALL BE LISTED AND LABELED BY AN APPROVED AGENT. INSTALLATION SHALL BE IN ACCORDANCE WITH APPROVED LISTINGS.

- LIGHTING FIXTURE, SURFACE MOUNTED, WITH OUTLET BOX.
FLUORESCENT STRIP OR INDUSTRIAL LIGHTING FIXTURE, SURFACE, CHAIN OR PENDANT MOUNTED ON FLUSH MOUNTED OUTLET BOX.
LIGHTING FIXTURE, RECESS MOUNTED, WITH OUTLET BOX.
LIGHTING FIXTURE WITH LAMPS ON NORMAL AND EMERGENCY BATTERY BACK-UP, PROVIDE SEPARATE LAMP BALLASTS AS REQUIRED.
EXIT SIGN SINGLE FACE OR DOUBLE FACE AS INDICATED ON PLANS, ON FLUSH CEILING MOUNTED OUTLET BOX. ARROW INDICATES DIRECTIONAL ARROW ON EXIT SIGN FACE.
EXIT SIGN, ON FLUSH WALL MOUNTED OUTLET BOX, +90".
FIXTURE SCHEDULE DESIGNATION '2' INDICATES FIXTURE TYPE, '100' INDICATES FIXTURE TOTAL VATTAGE.
LOW VOLTAGE SWITCH FOR CONTROL OF RELAYS IN LIGHTING CONTROL PANEL. REFER TO DETAIL 1/E-0.4.
SINGLE POLE TOGGLE SWITCH, ON FLUSH WALL MOUNTED OUTLET BOX, +45". INSTALL MULTIPLE SWITCHES UNDER COMMON COVER PLATE. SUBSCRIPT OR SUPERSUBSCRIPT AT SWITCH SYMBOL INDICATES THE FOLLOWING:
2 - DOUBLE POLE
3 - THREE WAY
R - SPDT MOMENTARY CONTACT RELAY SWITCH
a, b, c, d, ETC. - MULTIPLE SWITCHES WITH IDENTIFICATION OF OUTLET CONTROLLED.
DUPLX CONVENIENCE RECEPTACLE VERTICAL ON FLUSH WALL MOUNTED OUTLET BOX, CENTER OF OUTLET +15" ABOVE FINISHED FLOOR.
DUPLX CONVENIENCE RECEPTACLE HORIZONTAL ON FLUSH WALL MOUNTED OUTLET BOX, +6" ABOVE COUNTER SPLASH.
DUPLX OR QUAD CONVENIENCE RECEPTACLE SPLIT WIRED, IMPRINTED 'CONTROLLED' ON FLUSH WALL MOUNTED OUTLET BOX, CENTER OF OUTLET +15" ABOVE FINISHED FLOOR.
SINGLE RECEPTACLE, NEMA CONFIGURATION PER EQUIPMENT MANUFACTURER REQUIREMENTS, ON FLUSH WALL MOUNTED OUTLET BOX, CENTER OF OUTLET +15" ABOVE FINISHED FLOOR.
DUPLX CONVENIENCE RECEPTACLE WITH INTEGRAL GROUND FAULT INTERRUPTER, HORIZONTAL ON FLUSH WALL MOUNTED OUTLET BOX, CENTER OF OUTLET +15" ABOVE FINISHED FLOOR.
DUPLX CONVENIENCE RECEPTACLE WITH INTEGRAL GROUND FAULT INTERRUPTER, VERTICAL ON FLUSH WALL MOUNTED OUTLET BOX +6" ABOVE COUNTER SPLASH.
DUPLX CONVENIENCE RECEPTACLE WITH INTEGRAL GROUND FAULT INTERRUPTER, ON FLUSH WALL MOUNTED OUTLET BOX WITH SPRING DOOR COVER. CENTER OF OUTLET +15" ABOVE FINISHED FLOOR.
DOUBLE DUPLX (FVR PLEX) ISOLATED GROUND (IG) RECEPTACLE VERTICAL ON FLUSH WALL MOUNTED OUTLET BOX, CENTER OF OUTLET +15" ABOVE FINISHED FLOOR.
POKE-THRU COMBINATION DUPLX CONVENIENCE RECEPTACLE AND SIGNAL OUTLET.
JUNCTION BOX, FLUSH WALL MOUNTED, CENTER OF OUTLET +15" ABOVE FINISHED FLOOR.
JUNCTION BOX CONCEALED ABOVE ACCESSIBLE CEILING.
INDICATES CONNECTION TO EQUIPMENT AS REQUIRED, TYPICAL.
SYSTEM FURNITURE FEED CONSISTING OF TWO-COMPARTMENT POWER POLE WITH (4) #12 PHASE CONDUCTORS (2) #10 AWG NEUTRAL, (1) #12 COMMON EQUIPMENT GROUND AND (1) #12 ISOLATED GROUND (COMPUTER CIRCUITS) AND ONE COMPARTMENT FOR TEL/DATA CABLING. COORDINATE EXACT LOCATION AND WIRING REQUIREMENTS WITH FURNITURE SUPPLIER.
SYSTEM FURNITURE FEED CONSISTING OF ONE J-BOX MOUNTED AT +12" FOR POWER CONNECTION WITH (4) #12 PHASE CONDUCTORS, (2) #10 AWG NEUTRAL, (1) #12 COMMON EQUIPMENT GROUND AND (1) #12 ISOLATED GROUND (COMPUTER CIRCUITS) AND ONE J-BOX MOUNTED AT 6" FOR TEL/DATA CABLING WITH 1-1/4" CONDUIT STUB UP INTO NEAREST ACCESSIBLE CEILING SPACE. COORDINATE EXACT LOCATION AND WIRING REQUIREMENTS WITH FURNITURE SUPPLIER.
PANELBOARD, ADJACENT LINE INDICATES PANEL FRONT. ADJACENT BALLOON INDICATES PANEL DESIGNATION 'A', SEE DRAWING E-2 FOR PANEL SCHEDULE.
FLOOR STANDING SWITCHGEAR ADJACENT BALLOON INDICATES EQUIPMENT DESIGNATION 'DBA', SEE DRAWING E-1 FOR SINGLE LINE DIAGRAM AND/OR SCHEDULE.
CIRCUIT BREAKER STATIONARY (NON-DRAWOUT), SECONDARY VOLTAGE.
FUSED SAFETY SWITCH (DISCONNECT), HORSE POWER RATED. MOUNT ON WALL +45", OR ON EQUIPMENT +36", PROVIDE SWITCH AND FUSES SIZED PER EQUIPMENT MANUFACTURER REQUIREMENTS.
CONDUIT, INSTALLED CONCEALED IN WALL OR IN CEILING SPACE.
CONDUIT, INSTALLED EXPOSED.
HOMERUN TO PANEL 'B' FOR CIRCUITS 5, 7, 9 WITH SEPARATE NEUTRALS.
UNDERGROUND CONDUIT SUBDUIT, STUB 5'-0" FROM BUILDING OR WALKWAY, CAP, MARK AND RECORD.
TELEPHONE SYSTEM 3/4" C.D.
OCCUPANCY MOTION SENSOR SWITCH, ON FLUSH WALL MOUNTED OUTLET BOX, +45". REFER TO DETAILS ON E-0.4.
OCCUPANCY MOTION SENSOR SWITCH, ON FLUSH CEILING MOUNTED OUTLET BOX, E-0.4.
INDOOR CEILING MOUNTED PHOTOCELL SENSOR. REFER TO DETAILS ON E-2.1.
LOW VOLTAGE LIGHTING CONTROL SWITCH ON WALL MOUNTED OUTLET BOX, +45". REFER TO DETAILS ON E-0.4.
TELEPHONE/DATA OUTLET, ON FLUSH WALL MOUNTED OUTLET BOX, +18" WITH 3/4" C.D. STUBBED 6" ABOVE ACCESSIBLE CEILING SPACE. SUBSCRIPT OR SUPERSUBSCRIPT AT SIGNAL/DATA SYMBOLS INDICATES THE FOLLOWING:
C - OUTLET HORIZONTAL IN FLUSH WALL MOUNTED OUTLET BOX, +6" ABOVE COUNTER SPLASH.
V - OUTLET ON FLUSH WALL MOUNTED OUTLET BOX, +45".
MECHANICAL EQUIPMENT CALLOUT. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND REQUIREMENTS OF MECHANICAL EQUIPMENT.
LIGHTING CONTROL DETAIL CALLOUT. REFER TO LIGHTING CONTROL DIAGRAM SHEET E-0.4.

- 45° MOUNTING HEIGHT TO CENTER LINE OF DEVICE FROM FINISH FLOOR OR EXTERIOR GRADE.
PLAN NOTE CALLOUT. REFER TO CORRESPONDING NOTE ON DRAWING WHERE CALLOUT OCCURS.
TRANSFORMER, KYA, LINE AND LOAD VOLTAGE RATINGS AS REQUIRED.
A.F.F. ABOVE FINISH FLOOR.
A.F.G. ABOVE FINISH GRADE.
AWG AMERICAN WIRE GAUGE.
AMP. AMPERE.
AMP. A AMPERE INTERRUPTING CAPACITY (SYMMETRICAL).
CIRC. CIRCUIT.
CIRCUIT BREAKER.
CONDUIT.
CURRENT LIMITING CIRCUIT BREAKER.
CONDUIT ONLY.
CONNECTED.
DEMOLISH.
DIAMETER.
ELECTRICAL METALLIC TUBING.
ELECTRIC WATER COOLER.
EXHAUST FAN.
EXISTING EQUIPMENT TO REMAIN.
FEET.
FULL LOAD AMPS.
GROUND FAULT CIRCUIT INTERRUPTER.
GROUND FAULT PROTECTION.
GROUND.
HEATING, VENTILATING AND AIR CONDITIONING.
HORSEPOWER.
ISOLATED GROUND AND ISOLATED NEUTRAL.
JUNCTION BOX.
KILOVOLT AMPERES.
KILOWATT.
LONG CONTINUOUS LOAD.
LIGHTING.
LUMENS PER WATT.
MAIN CIRCUIT BREAKER.
MAIN LUGS ONLY.
METAL HALIDE.
MOUNTED.
NATIONAL ELECTRICAL CODE.
NOT IN CONTRACT.
PHASE.
FURNISH, INSTALL AND CONNECT.
RECEPTACLE.
RIGID GALVANIZED STEEL.
600 VOLTS AND LESS.
SMOKE FIRE DAMPER.
TELEVISION.
TYPICAL.
UNLESS NOTED OTHERWISE.
VOLTS.
VOLT AMPERES.
WEATHERPROOF.
WIRE.
SINGLE POLE.
DOUBLE POLE.
TRIPLE POLE.

DEMOLITION NOTES

- 1. REFER TO ARCHITECTURAL WALL DEMOLITION DRAWINGS INCLUDED FOR DEMOLITION AREAS, AND EXISTING WALLS. THE SCOPE OF THE DEMOLITION WORK SHALL INCLUDE ALL LABOR, MATERIALS, SERVICES AND EQUIPMENT REQUIRED FOR THE REMOVAL OF ALL EXISTING ELECTRICAL WITHIN THE REMODELED AREA AND AS REQUIRED TO CLEAR WALLS AND CEILING TO BE REMOVED. THIS WORK INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
A. ALL EXISTING CONDUCTORS AND CABLING SHALL BE REMOVED FROM CONDUIT, UNLESS OTHERWISE NOTED.
B. ALL EXISTING CONDUIT, TO BE REMOVED SHALL BE REMOVED BACK TO SOURCE, UNLESS OTHERWISE NOTED.
C. REMOVE ALL EXISTING EXPOSED CONDUIT, SURFACE RACEWAYS AND CONDUIT CONCEALED IN EXISTING CONSTRUCTION THAT IS TO BE REMOVED. RECONNECT OUTLETS AND LIGHTING FIXTURES WHICH ARE NEW FED THROUGH THE OUTLETS TO BE REMOVED.
D. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IN THE OPINION OF THE ARCHITECT ARE SALVAGEABLE, SHALL REMAIN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON PREMISES AS DIRECTED, AND NEATLY PILE OR STORE THEM AND PROTECT FROM DAMAGE.
E. DO NOT REUSE SALVAGED MATERIALS AND EQUIPMENT, UNLESS SPECIFICALLY INDICATED ON PLANS OR SPECIFIED. REMOVE FROM PREMISES AND DISPOSE OF ALL MATERIALS CONSIDERED BY ARCHITECT/OWNER TO BE SCRAP.
2. REFER TO ALL DEMOLITION DRAWINGS OF OTHER TRADES/DISCIPLINES FOR WORK THAT AFFECTS ELECTRICAL DEMOLITION WORK.
3. DISPOSAL OF HAZARDOUS MATERIALS SUCH AS LAMPS SHALL BE DISPOSED OF IN ACCORDANCE TO ALL STATE AND FEDERAL REQUIREMENTS.
4. IF THE DEMOLITION WORK DISCONNECTS POWER CONNECTIONS TO ANY EQUIPMENT - SUCH AS BUT NOT LIMITED TO LIGHTING FIXTURES, RECEPTACLES, ETC. - PROVIDE NEW WIRING AND CONNECTIONS TO THESE EQUIPMENT TO MAINTAIN CONTINUITY OF SERVICE.

SHEET INDEX

Table with columns: SHEET NUMBER, GENERAL NOTES, SYMBOL LIST, FIXTURE SCHEDULE, DEMOLITION NOTES, INTERIOR LIGHTING, INDOOR LIGHTING, SINGLE LINE DIAGRAM AND PANEL SCHEDULES, LIGHTING CONTROL DIAGRAMS, LIGHTING CONTROL SPECIFICATIONS, LIGHTING PLAN, POWER & SIGNAL PLAN, SPECIFICATIONS.

md Architects logo, Melzer Deckert & Ruder Architects, Inc. 9511 Irvine Center Drive Irvine, CA 92618 949 / 474-8188 Voice 949 / 474-8188 Fax, Interior Improvements for Records Department Garden Grove Police Department 11301 ACACIA PKWY, Garden Grove, CA 92840, Consultants, Issue Date: 09-12-2016, MDR Ref. No.: NONE, Scale: NONE, Drawn By: FBA, Title: NOTES, SYMBOL LIST & FIXTURE SCHEDULE, Sheet No. E-0.1 A-3, 7-29-16 PROGRESS SET