

*** PROVIDE NEW 20/1 BREAKER
*** PROVIDE NEW 20/1 BREAKER WITH RED HANDLE AND LOCK-ON DEVICE

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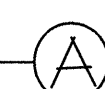
PERFORMANCE OF THE WORK OF THIS CONTRACT SHALL CONFORM TO THE REQUIREMENTS OF APPLICABLE GOVERNING CODES AND ORDINANCES INCLUDING THE FOLLOWING:

- NFPA 72 NATIONAL FIRE ALARM CODE ————— 2013 EDITION
(NOTE SEE UL STANDARDS 1971 FOR (“VISUAL DEVICES”))

1. VISIT JOB SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID.
2. THE ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL ORDINANCES. WHERE PLANS CALL FOR A HIGHER STANDARD THAN APPLICABLE CODES, THE PLANS SHALL GOVERN.
3. CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT FIELD CONDITIONS.
4. ALL ELECTRICAL EQUIPMENT, APPLIANCES AND LIGHTING FIXTURES SHALL BE LISTED BY A RECOGNIZED TEST LAB AND BEAR THAT LABEL OF APPROVAL.
5. CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL MATERIAL AND EQUIPMENT FOR THIS WORK UNLESS OTHERWISE NOTED.
6. GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS SPECIFIED OR SHOWN ON DRAWINGS.
7. ALL CONDUIT RUNS SHALL CONTAIN A CODE SIZED GROUND CONDUCTOR.
8. THESE PLANS ARE NOT COMPLETE UNTIL APPROVED BY THE AUTHORITY HAVING JURISDICTION.
9. ALL CONDUCTORS SHALL BE IN CONDUIT.
10. ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION.
11. CURRENT CALIFORNIA BUILDING CODE ACCESS COMPLIANT MOUNTING HEIGHTS APPLY ONLY TO NEW OR RELOCATED ELECTRICAL SWITCHES, OUTLETS, PUSH BUTTONS ETC. THEY SHALL COMPLY WITH CALIFORNIA BUILDING CODE 1117B.6.

Notes:

- a) Existing electrical service has been investigated and found to have adequate capacity for the proposed load addition as shown on these plans. OR
- b) ~~Source of power has been investigated and is adequate for the additional load.~~
- b) Site inspector is to witness and verify grounding tests.



	CONDUIT EXISTING
---	CONDUIT CONCEALED IN WALL OR CEILING
---	CONDUIT CONCEALED UNDER FLOOR OR BELOW GRADE
F	CONDUIT STUBBED OUT AND CAPPED
O	CONDUIT TURNED UP
●	CONDUIT TURNED DOWN
	HATCH MARKS INDICATE NO. OF #12 WIRES IN CORE SIZED CONDUIT IN 3/4" C.
(B)	MAX. IN TC; NO MARKS = 2#12
A-3	HAVE RUN LETTER INDICATES PANEL, NUMBER(S) INDICATES CIRCUIT(S).
- - - - - 	SANICUT
 	GROUND CONNECTION
	DISTRIBUTION SWITCHBOARD OR PANEL
■ ■ ■	PANEL, BRANCH CIRCUIT TYPE, SURFACE AND FLUSH
▨ ▨ ▨	SIGNAL TERMINAL CABINET, SURFACE & FLUSH
○	FLUORESCENT FIXTURE
2 ○	OUTLET DATA: 2X INDICATES WALL MOUNT, LETTER INDICATES SWITCH CONTROL, NO. INDICATES CIRCUIT.
○	SURFACE FIXTURE ON FLUSH OUTLET.
□	RECESSED FIXTURE WITH JUNCTION BOX FOR THRU WIRING
⊗ ⊗	EXIT LIGHT WITH ARROWS AS SHOWN ON PLANS, WALL AND CEILING MOUNT.
⊕	EXTERIOR WALL MOUNT FIXTURE
L	LOW LEVEL EXIT SIGN, 4" AFF, 4" FROM DOOR JAMB
△ 100	LIGHT FIXTURE DESIGNATION LETTER INDICATES TYPE, NO. INDICATES WATTAGE. SEE FIXTURE SCHEDULE
FC 1	MECHANICAL EQUIPMENT DESIGNATION. SEE MECHANICAL DRAWINGS.
Ⓐ	SPECIAL RECEPTACLE - SEE PLAN
○ →	METER
○	FLUSH FLOOR RECEPTACLE
⊖	RECEPTACLE, DUPLEX, 6A, 15A, NEMA 5-15R +B8 UNO.
⊖	DUPLEX RECEPTACLE MTD. ABOVE BACKSPASH+42" UNO.
⊖	DUPLEX RECEPTACLE W/LOWER HALF SWITCHED +B8 UNO.
⊖ GF	GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE 15" UNO.
⊖	DOUBLE DUPLEX RECEPTACLE +B8 UNO.
⊙	CEILING RECEPTACLE
⊙	RECEPTACLE, DUPLEX, 20A, 15A, NEMA 5-20R +B8 UNO.
⊙	JUNCTION BOX 4" SQUARE, 1-1/2" DEEP UNO.
Ⓢ	THERMOSTAT F.B.O. +48"
Ⓢ	MOTOR, NO. INDICATES HORSEPOWER
Ⓢ	CLOCK OUTLET +7-6" UNO.
Ⓢ	DISCONNECT SWITCH, NON-FUSED
Ⓢ	DISCONNECT SWITCH FUSED HORSEPOWER RATED OR SIZED AS NOTED
Ⓢ	COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH AND FUSES
Ⓢ	MAGNETIC MOTOR STARTER W/OVERLOADS IN EACH PHASE
Ⓢ	DIMMER W/INTEGRAL "ON-OFF" SW. +48" UNO.
Ⓢ	PUSHBUTTON +48" UNO.
Ⓢ	PHOTOCELL
Ⓢ	SMOKE DETECTOR
Ⓢ	WIRELESS ACCESS POINT
Ⓢ	TELEPHONE/COMPUTER/DATA OUTLET, TWO GANG BOX W/ 1 COVERPLATE & GROMMETTED OPENING +B8 UNO.
Ⓢ	CABLE TV OUTLET +B8 UNO.
Ⓢ	MOTION SENSOR
Ⓢ	ACCESS POINT WIRELESS
Ⓢ	CAMERA
\$	EXISTING SWITCH
S	SINGLE POLE SWITCH
S²	DOUBLE POLE SWITCH
S³	THREE WAY SWITCH
S⁴	SWITCH W/PILOT LT.
S⁴	MANUAL MOTOR STARTER
FACP	FIRE ALARM CONTROL PANEL
GFI	GROUND FAULT CIRCUIT INTERRUPTING
LST	LABOR SAVING TANDEM
MLO	MAIN LUGS ONLY
N	WITH
C.O.	CONDUIT ONLY
WP.	WEATHERPROOF
F.B.O.	FURNISHED BY OTHERS, INSTALL & CONNECT
UNO.	UNLESS NOTED OTHERWISE
N.E.C.	NATIONAL ELECTRICAL CODE
N.I.C.	NOT IN CONTRACT
(E)	EXISTING
(N)	NEW
(R)	REMOVE
(RL)	RELOCATE
S/M	SURFACE MOUNT
U/G	UNDERGROUND
CMP	COLD WATER PIPE
AFF	ABOVE FINISHED FLOOR
HACR	HEATING AND AIR CONDITIONING RATED CIRCUIT BREAKER
NL	NIGHT LIGHT

NOTE: NOT ALL SYMBOLS SHOWN ARE USED ON THIS PROJECT

