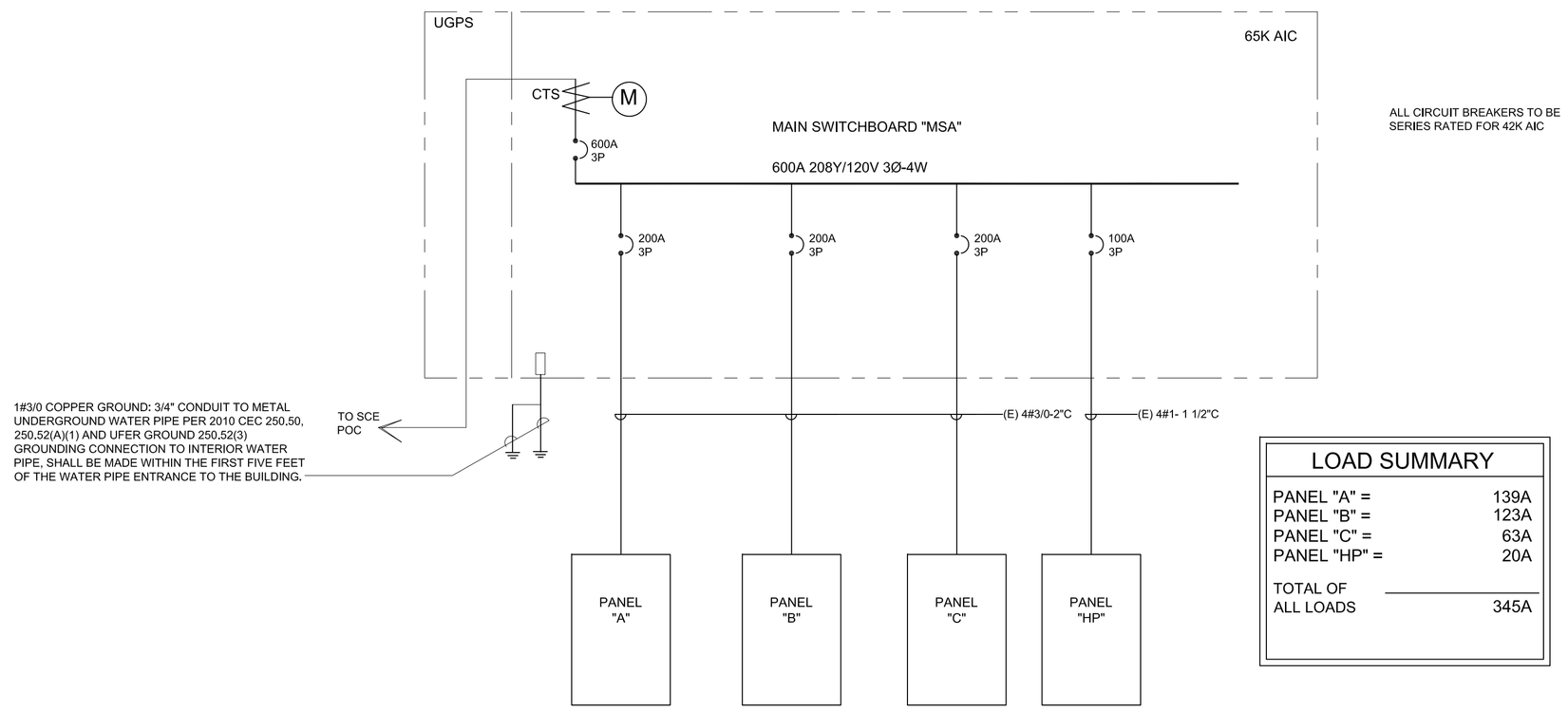
# PARTIAL SINGLE LINE DIAGRAM




## LOAD SUMMARY

| | |
|---|---|
| PANEL "A" = | 139A |
| PANEL "B" = | 123A |
| PANEL "C" = | 63A |
| PANEL "HP" = | 20A |
| TOTAL OF ALL LOADS | 345A |

# PANEL SCHEDULES

PANEL: C  VOLTAGE: 120/208  PHASE: 3  WIRE: 4  SUITE C

MOUNTING: FLUSH  MAIN BREAKER: MLO  BUS: 225

| LOAD | WATTAGE A | WATTAGE B | WATTAGE C | RECP | LTG. | TRIP | POLE | CIRC | PHASE A | PHASE B | PHASE C | CIRC | POLE | TRIP | LTG. | RECP | WATTAGE A | WATTAGE B | WATTAGE C | LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GEN LTG | 864 | | | 1 | 9 | 20 | 1 | 1 | * | | | 2 | 3 | 30 | | $ | 2256 | | | RTU-5 |
| GEN LTG | | 768 | | | 8 | 20 | 1 | 3 | | * | | 4 | - | - | | | | 2256 | | - - - - |
| INSTA-HOT | | | 1500 | $ | | 20 | 2 | 5 | | | * | 6 | - | - | | | | | 2256 | - - - - |
| - - - - | 1500 | | | | | - | - | 7 | * | | | 8 | 3 | 30 | | $ | 2256 | | | RTU-6 |
| RECEPT 101 | | 1080 | | 6 | | 100 | 2 | 9 | | * | | 10 | - | - | | | | 2256 | | - - - - |
| RECEPT 101 | | | 180 | 1 | | - | - | 11 | | | * | 12 | - | - | | | | | 2256 | - - - - |
| RECEPT 101 | 1260 | | | 7 | | 20 | 1 | 13 | * | | | 14 | | | | | | | | SPACE |
| SPACE | | | | | | | | 15 | | * | | 16 | | | | | | | | SPACE |
| SPACE | | | | | | | | 17 | | | * | 18 | | | | | | | | SPACE |
| SPACE | | | | | | | | 19 | * | | | 20 | | | | | | | | SPACE |
| SPACE | | | | | | | | 21 | | * | | 22 | | | | | | | | SPACE |
| SPACE | | | | | | | | 23 | | | * | 24 | | | | | | | | SPACE |
| SPACE | | | | | | | | 25 | * | | | 26 | | | | | | | | SPACE |
| SPACE | | | | | | | | 27 | | * | | 28 | | | | | | | | SPACE |
| SPACE | | | | | | | | 29 | | | * | 30 | | | | | | | | SPACE |
| SPACE | | | | | | | | 31 | * | | | 32 | | | | | | | | SPACE |
| SPACE | | | | | | | | 33 | | * | | 34 | | | | | | | | SPACE |
| SPACE | | | | | | | | 35 | | | * | 36 | | | | | | | | SPACE |
| SPACE | | | | | | | | 37 | * | | | 38 | | | | | | | | SPACE |
| SPACE | | | | | | | | 39 | | * | | 40 | | | | | | | | SPACE |
| SPACE | | | | | | | | 41 | | | * | 42 | | | | | | | | SPACE |
| WATTS: | 3624 | 1848 | 1680 | | | | | | | | | | | | | | 4512 | 4512 | 4512 | |

| A | B | C | | |
|---|---|---|---|---|
| 8136 | 6360 | 6192 | 20688 | TOTAL A, B, C |
| | | TOTAL LCL x .25 = | 408 | TOTAL LCL |
| | | TOTAL LARGEST MOTOR x .25 = | 1692 | TOTAL LM |
| | | | 22788 | TOTAL WATTS |

TOTAL AMPS: 63

PANEL: A  VOLTAGE: 120/208  PHASE: 3  WIRE: 4  SUITE A

MOUNTING: FLUSH  MAIN BREAKER: MLO  BUS: 225

| LOAD | WATTAGE A | WATTAGE B | WATTAGE C | RECP | LTG. | TRIP | POLE | CIRC | PHASE A | PHASE B | PHASE C | CIRC | POLE | TRIP | LTG. | RECP | WATTAGE A | WATTAGE B | WATTAGE C | LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TV 106,108,111,113 | 1646 | | | 2 | 22 | 2 | 1 | 1 | * | | | 2 | 2 | 30 | | 1 | 1768 | | | VACUUM |
| GEN LTG | | 1488 | | | 3 | 15 | 2 | 1 | 3 | | * | 4 | - | - | | | | 1768 | | - - - - |
| RECEPT 102,103 | | | 900 | 5 | | | 2 | 1 | 5 | | | 6 | 2 | 30 | | 1 | | | 1768 | COMPRESSOR |
| RECEPT 103, 105 | 900 | | | 4 | | | 2 | 1 | 7 | * | | 8 | - | - | | | 1768 | | | - - - - |
| RECEPT 101,104 | | 900 | | 5 | | | 2 | 1 | 9 | | * | 10 | 1 | 20 | | | | 180 | | DED RECEPT 112 |
| TV 106,108,111,113 | | | 1200 | 4 | | | 2 | 1 | 11 | | | 12 | 1 | 20 | | | | | 180 | DED RECEPT 112 |
| RECEPT 106,108,111,113 | 720 | | | 4 | | | 2 | 1 | 13 | * | | 14 | 2 | 100 | | $ | 5200 | | | X-RAY |
| RECEPT 106,108,111,113 | | 720 | | 4 | | | 2 | 1 | 15 | | * | 16 | - | - | | | | 5200 | | - - - - |
| CHAIR RECEPT 113 | | | 360 | 2 | | | 2 | 1 | 17 | | | 18 | 1 | 20 | | 1 | | | 180 | 110 RECEPT |
| DED, RECEPT WTR CTRL | 200 | | | 1 | | | 2 | 1 | 19 | * | | 20 | 3 | 30 | | $ | 2486 | | | RTU-1 |
| RECEPT 117,118 | | 720 | | 4 | | | 2 | 1 | 21 | | * | 22 | - | - | | | | 2486 | | - - - - |
| RECEPT 111, 108, 106 | | | 720 | 4 | | | 2 | 1 | 23 | | | 24 | - | - | | | | | 2486 | - - - - |
| CHAIR RECEPT 111 | 360 | | | 2 | | | 2 | 1 | 25 | * | | 26 | 3 | 25 | | $ | 1862 | | | RTU-2 |
| CHAIR RECEPT 108 | | 360 | | 2 | | | 2 | 1 | 27 | | * | 28 | - | - | | | | 1862 | | - - - - |
| CHAIR RECEPT 106 | | | 360 | 2 | | | 2 | 1 | 29 | | | 30 | - | - | | | | | 1862 | - - - - |
| 116-DED | 180 | | | 1 | | | 2 | 1 | 31 | * | | 32 | | | | | | | | SPACE |
| 116-REF | | 700 | | 1 | | | 2 | 1 | 33 | | * | 34 | | | | | | | | SPACE |
| 116-COFFEE | | | 1500 | 1 | | | 2 | 1 | 35 | | | 36 | | | | | | | | SPACE |
| 114,112 RECEPT | 720 | | | 4 | | | 2 | 1 | 37 | * | | 38 | | | | | | | | SPACE |
| 114,112 RECEPT | | 1080 | | 6 | | | 2 | 1 | 39 | | * | 40 | | | | | | | | SPACE |
| 109 RECEPT | | | 720 | 4 | | | 2 | 1 | 41 | | * | 42 | | | | | | | | SPACE |
| WATTS: | 4726 | 5968 | 5760 | | | | | | | | | | | | | | 13084 | 11496 | 6476 | |

| A | B | C | | |
|---|---|---|---|---|
| 17810 | 17464 | 12236 | 47510 | TOTAL A, B, C |
| | | TOTAL LCL x .25 = | 784 | TOTAL LCL |
| | | TOTAL LARGEST MOTOR x .25 = | 1865 | TOTAL LM |
| | | | 50159 | TOTAL WATTS |

TOTAL AMPS: 139

PANEL: HP  VOLTAGE: 120/208  PHASE: 3  WIRE: 4  HOUSE PANEL

MOUNTING: SURFACE  MAIN BREAKER: MLO  BUS: 125

| LOAD | WATTAGE A | WATTAGE B | WATTAGE C | RECP | LTG. | TRIP | POLE | CIRC | PHASE A | PHASE B | PHASE C | CIRC | POLE | TRIP | LTG. | RECP | WATTAGE A | WATTAGE B | WATTAGE C | LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UTILITY RM LTG | 25 | | | 1 | 20 | 1 | 1 | * | | | | 2 | | | | | | | | SPACE |
| EXT LTG | | 396 | | 12 | 20 | 1 | 3 | | * | | | 4 | | | | | | | | SPACE |
| SIGN | | | 1200 | | 20 | 1 | 5 | | | * | | 6 | | | | | | | | SPACE |
| SIGN | 1200 | | | | 20 | 1 | 7 | * | | | | 8 | | | | | | | | SPACE |
| SIGN | | 1200 | | | 20 | 1 | 9 | | * | | | 10 | | | | | | | | SPACE |
| SIGN | | | 1200 | | 20 | 1 | 11 | | | * | | 12 | | | | | | | | SPACE |
| TELE B.B. | 360 | | | | 20 | 1 | 13 | * | | | | 14 | | | | | | | | SPACE |
| ROOF RECEPT | | 180 | | | 20 | 1 | 15 | | * | | | 16 | | | | | | | | SPACE |
| SPACE | | | | | | | | 17 | | | * | 18 | | | | | | | | SPACE |
| SPACE | | | | | | | | 19 | * | | | 20 | | | | | | | | SPACE |
| SPACE | | | | | | | | 21 | | * | | 22 | | | | | | | | SPACE |
| SPACE | | | | | | | | 23 | | | * | 24 | | | | | | | | SPACE |
| SPACE | | | | | | | | 25 | * | | | 26 | | | | | | | | SPACE |
| SPACE | | | | | | | | 27 | | * | | 28 | | | | | | | | SPACE |
| SPACE | | | | | | | | 29 | | | * | 30 | | | | | | | | SPACE |
| WATTS: | 1585 | 1776 | 2400 | | | | | | | | | | | | | | 0 | 0 | 0 | |

| A | B | C | | |
|---|---|---|---|---|
| 1585 | 1776 | 2400 | 5761 | TOTAL A, B, C |
| | | TOTAL LCL x .25 = | 1305 | TOTAL LCL |
| | | TOTAL LARGEST MOTOR x .25 = | 0 | TOTAL LM |
| | | | 7066 | TOTAL WATTS |

TOTAL AMPS: 20

PANEL: B  VOLTAGE: 120/208  PHASE: 3  WIRE: 4  SUITE B

MOUNTING: FLUSH  MAIN BREAKER: MLO  BUS: 225

| LOAD | WATTAGE A | WATTAGE B | WATTAGE C | RECP | LTG. | TRIP | POLE | CIRC | PHASE A | PHASE B | PHASE C | CIRC | POLE | TRIP | LTG. | RECP | WATTAGE A | WATTAGE B | WATTAGE C | LOAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GEN LTG | 1808 | | | 1 | 29 | 20 | 1 | 1 | * | | | 2 | 3 | 25 | | $ | 1862 | | | RTU-3 |
| GEN LTG | | 1208 | | | 23 | 20 | 1 | 3 | | * | | 4 | - | - | | | | 1862 | | - - - - |
| AQUA | | | 1768 | 1 | | 30 | 2 | 5 | | | * | 6 | - | - | | | | | 1862 | - - - - |
| - - - - | 1768 | | | | | - | - | 7 | * | | | 8 | 3 | 25 | | $ | 1862 | | | RTU-4 |
| X-RAY | | 5200 | | $ | | 100 | 2 | 9 | | * | | 10 | - | - | | | | 1862 | | - - - - |
| - - - - | | | 5200 | | | - | - | 11 | | | * | 12 | - | - | | | | | 1862 | - - - - |
| INSTA-HOT | 1500 | | | J | | 20 | 1 | 13 | * | | | 14 | | | | | | | | SPACE |
| - - - - | | 1500 | | | | 20 | 1 | 15 | | * | | 16 | | | | | | | | SPACE |
| COFFEE | | | 1500 | 1 | | 20 | 1 | 17 | | | * | 18 | | | | | | | | SPACE |
| REF | 700 | | | 1 | | 20 | 1 | 19 | * | | | 20 | | | | | | | | SPACE |
| REC 114,116,117,118,119 | | 900 | | 5 | | 20 | 1 | 21 | | * | | 22 | | | | | | | | SPACE |
| REC 120, 102 | | | 900 | 5 | | 20 | 1 | 23 | | | * | 24 | | | | | | | | SPACE |
| INSTA-HOT | 1500 | | | $ | | 20 | 2 | 25 | * | | | 26 | | | | | | | | SPACE |
| - - - - | | 1500 | | | | - | - | 27 | | * | | 28 | | | | | | | | SPACE |
| 115 RECEPT | | | 180 | 1 | | 20 | 1 | 29 | | | * | 30 | | | | | | | | SPACE |
| REC 112,113,111,110,109 | 1080 | | | 6 | | 20 | 1 | 31 | * | | | 32 | | | | | | | | SPACE |
| REC 108,105,106,104,103 | | 1080 | | 6 | | 20 | 1 | 33 | | * | | 34 | | | | | | | | SPACE |
| RECEPT 103 | | | 900 | 5 | | 20 | 1 | 35 | | | * | 36 | | | | | | | | SPACE |
| RECEPT 101 | 720 | | | 4 | | 20 | 1 | 37 | * | | | 38 | | | | | | | | SPACE |
| SPACE | | | | | | | | 39 | | * | | 40 | | | | | | | | SPACE |
| SPACE | | | | | | | | 41 | | | * | 42 | | | | | | | | SPACE |
| WATTS: | 9076 | 11388 | 10448 | | | | | | | | | | | | | | 3724 | 3724 | 3724 | |

| A | B | C | | |
|---|---|---|---|---|
| 12800 | 15112 | 14172 | 42084 | TOTAL A, B, C |
| | | TOTAL LCL x .25 = | 754 | TOTAL LCL |
| | | TOTAL LARGEST MOTOR x .25 = | 1397 | TOTAL LM |
| | | | 44235 | TOTAL WATTS |

TOTAL AMPS: 123

# SYMBOLS

- FLUORESCENT STRIP FIXTURE. SURFACE, CHAIN OR PENDANT MOUNTED.SEE FIXTURE SCHEDULE & PLAN FOR MOUNTING.
- SURFACE MOUNTED FLUORESCENT FIXTURE.(A)INDICATES TYPE,
- SEE FIXTURE SCHEDULE , lower case a,b,c,d, etc. indicates switch, "M" INDICATES MASTER, "S" INDICATES SLAVE, 1 INDICATES CIRCUIT, "EM" INDICATES EMERGENCY EGRESS FIXTURE, "NL" INDICATES NIGHT LIGHT. THESE ABREVIATIONS TYPICAL OF ALL LIGHTING FIXYURES.
- RECESSED FLUORESCENT FIXTURE
- RECESSED DOWN LIGHT
- WALL MOUNTED LIGHTING FIXTURE.
- CEILING OR PENDANT MOUNTED LIGHTING FIXTURE.
- LIGHT BOLLARD
- POLE LIGHT
- CEILING FAN
- EMERGENCY EXIT SIGN W/90 MIN. BACK-UP BATTERY.
- EMERGENCY EGRESS "BUGEYE" TYPE FIXTURE. 90 MIN. BACK-UP BATTERY
- C.O. CONDUIT RUN IN WALL OR CEILING.
- CONDUIT RUN UNDERGROUND OR UNDERFLOOR.
- A-1,3 CONDUIT HOME RUN TO PANEL "A", CIRCUITS 1 & 3.
- 1/2" CONDUIT 2#12 THHN, CU OR AS NOTED
- 1/2" CONDUIT 3#12 THHN, CU OR AS NOTED.
- 1/2" CONDUIT 4#12 THHN, CU OR AS NOTED.
- 1/2" CONDUIT 5#12 THHN, CU OR AS NOTED.
- 1/2" CONDUIT 6#12 THHN, CU OR AS NOTED.
- 1/2" CONDUIT 7#12 THHN, CU OR AS NOTED.
- DUPLEX CONVENIENCE OUTLET 20 A, 125 V, 3 WIRE GROUND TYPE +18" OR AS NOTED.
- DOUBLE DUPLEX OUTLET, AS ABOVE, +18" OR AS NOTED.
- GFI GROUND FAULT INTERUPTING TYPE RECEPTACLE. +42" OR AS NOTED.
- JUNCTION BOX, SIZE AS REQUIRED.
- F FUSED DISCONNECT SWITCH, SIZE FUSE PER MANUFACTURER'S NAMEPLATE.
- EF EXHAUST FAN.
- INSTA-HOT WH 6 GAL. WATER HEATER OR INSTA-HOT, AS NOTED.
- DATA/ PHONE +18" OR AS NOTED WITH 3/4" CONDUIT STUB UP TO ACCESSIBLE CEILING SPACE.
- TELEPHONE & COMPUTER LINES TO SHARE SAME BOX/ FACE PLATE UP TO ACCESSIBLE CEILING SPACE.
- TELEPHONE OUTLET +18" OR AS NOTED WITH 3/4" CONDUIT STUB UP TO ACCESSIBLE CEILING SPACE.
- SINGLE POLE TOGGLE SWITCH +42" OR AS NOTED.
- BI-LEVEL SWITCHING PER TITLE 24, +42" OR AS NOTED.
- 3 3 WAY SWITCH, +42" OR AS NOTED.
- 4 4 WAY SWITCH, +42" OR AS NOTED.
- ELECTRICAL PANEL, FLUSH MOUNTED.
- ELECTRICAL PANEL, SURFACE MOUNTED.
- MAIN ELECTRICAL SWITCHBOARD AND/OR METER GROUP.

# GENERAL NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORD WITH THE 2010 CEC AND ALL APPLICABLE STATE, COUNTY AND LOCAL CODES APPLYING TO THE PROPOSED CONSTRUCTION. THE MOST RESTRICTIVE CODES SHALL APPLY IN CASE OF CONFLICT.
2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTION REQUIREMENTS INCLUDING ANY REVIEW FEES REGARDING FIRE LIFE SAFETY.
3. THE CONTRACTOR SHALL FIELD VERIFY EXISTING SITE AND BUILDING CONDITIONS. SUBMITTAL OF BID INDICATES THAT CONTRACTOR IS AWARE OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT AND BUILDING PERMIT.
4. ELECTRICAL EQUIPMENT AND MATERIAL TO BE LISTED, LABELED, AND INSTALLED AS PER UNDERWRITERS LABORATORIES, OR EQUAL. ALL MATERIAL AND EQUIPMENT SHALL BE DELIVERED TO THE SITE NEW, BEARING APPROVAL BY U.L., NEMA OR OTHER APPROPRIATE AGENCY.
5. THE CONTRACTOR SHALL PROVIDE A COMPLETE AND FUNCTIONING ELECTRICAL SYSTEM MEETING THE CRITERIA HEREIN AND THE INTENT OF THESE PLANS AND SPECIFICATIONS.
6. ELECTRICAL LAYOUT DRAWINGS ARE DIAGRAMMATIC. INSTALL THE ELECTRICAL SYSTEMS WITHOUT INTERFERING WITH DUCTS, PIPES, STRUCTURAL STEEL OR OTHER SYSTEMS.
7. REFER TO MECHANICAL DRAWINGS FOR EXACT EQUIPMENT AND CONTROL LOCATIONS AND FOR CONTROL SCHEMATICS. ALL LOCATIONS TO BE VERIFIED BEFORE ROUGH-IN.
8. ALL ELECTRICAL DEVISES, EQUIPMENT, CONDUITS, ETC. LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE SUITABLE FOR THE USE INTENDED.
9. ALL CONDUCTORS SHALL BE COPPER AND RATED 600 VOLTS. SIZES #8 AWG AND LARGER TO BE STRANDED AND #10 AND SMALLER SHALL BE SOLID. USE TYPE THHN, THWN, THW. USE TYPE SO FOR CORD CONNECTION TO EQUIPMENT. 500V HEAT-RESISTANT RUBBER INSULATED WITH NEOPRENE JACKET AND EXTRA FLEXIBLE, STRANDED WIRE.
10. ALL WIRING SHALL BE IN METALLIC CONDUIT UNLESS OTHERWISE SHOWN ON THE PLANS. RIGID GALVANIZED SHALL BE USED IN OR UNDER CONCRETE SLABS ON GRADE, WHERE EXPOSED TO WEATHER, AND WHERE EXPOSED TO MECHANICAL DAMAGE. EMT CONDUIT SHALL BE USED FOR INTERIOR WIRING WHERE NOT SUBJECT TO MECHANICAL DAMAGE. FLEXIBLE CONDUIT SHALL BE USED WHERE THE STRUCTURAL CONDITIONS MAKE THE USE OF EMT IMPRACTICAL, AND FOR SHORT CONNECTIONS TO LIGHTING FIXTURES AND OTHER VIBRATING EQUIPMENT. USE NEOPRENE JACKETED FLEXIBLE CONDUIT AND FITTINGS WHERE EXPOSED TO WEATHER. MC CABLE MAY BE USED WHERE PERMISSIBLE.
11. ALL MOTORS, A/C UNITS, COMPRESSORS AND METAL HOUSINGS SHALL BE GROUNDED WITH GREEN GROUND WIRES SIZED AND INSTALLED ACCORDING TO CODES. ALL FEEDERS RUN IN NONMETALLIC CONDUITS SHALL HAVE GROUND CONDUCTOR RUN WITH CURRENT CAPACITY CONDUCTOR SIZED IN ACCORD WITH APPLICABLE CODES. THE CONTRACTOR SHALL MAINTAIN UNIFORMITY AND CONTINUITY OF THE GROUNDING SYSTEM.
12. DUPLEX RECEPTACLES TO BE RATED AT 20 AMPS, NEMA CONFIGURATION 5-20 R, 3 WIRE GROUNDING TYPE.
13. SWITCHES SHALL BE RATED 20 AMPS - 120/277 VOLTS UNLESS OTHERWISE NOTED.
14. ALL CIRCUIT BREAKERS USED FOR SWITCHING FLUORESCENT LIGHT FIXTURES SHALL BE APPROVED FOR THAT PURPOSE AND MARKED "SWD".
15. TELEPHONE OUTLETS SHALL BE A 5" DEEP BOX WITH SINGLE GANG SWITCH RING, PROVIDE TELEPHONE PLATE. TELEPHONE CONTRACTOR TO PROVIDE LAYOUTS FOR THE OWNERS/ ARCHITECT'S APPROVAL INCLUDING CONNECTIONS TO TELEPHONE SWITCHBOARD, CONDUITS BETWEEN BUILDINGS, ETC. PRIOR TO INSTALLATION. PROVIDE NYLON PULLWIRES IN CONDUITS.
16. ALL CONDUIT PENETRATIONS THROUGH FIRE RATED FLOOR SLABS AND WALLS SHALL BE SEALED AGAINST THE SPREAD OF FIRE OR SMOKE WITH APPROVED CABLE & CONDUIT FIRESTOPS OR FIRE RESISTANT SEALANT TO GIVE THE EQUIVALENT FIRE RATING BEFORE THE PENETRATION.
17. PROVIDE THREE 1/2" EMPTY CONDUITS FROM EACH LIGHTING OR RECEPTACLE PANEL UP TO ATTIC CEILING SPACE AND CAPPED FOR FUTURE USE.
18. ALL WIRING DESIGN IS BASED ON 60 DEGREES C CONDITIONS.
19. PROVIDE SEPARATE GROUND WIRE IN ALL FLEX AND NONMETALLIC CONDUITS.
20. FIRE ALARM CONTRACTOR SHALL OBTAIN NECESSARY PERMITS AND PROVIDE DRAWINGS FOR PLAN CHECK AND FIRE MARSHALL APPROVAL.
21. GENERAL CONTRACTOR AND RELEVANT SUBCONTRACTOR SHALL BECOME FAMILIAR WITH ALL ELEMENTS OF THE CONSTRUCTION DRAWINGS. ANY ERRORS, OMISSIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTIONS OF SOUTHLAND ENERGY CONSULTANTS PRIOR TO ANY WORK. IF CONTRACTOR FAILS TO DO THIS THEN CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR SUCH ERRORS, OMISSIONS AND DISCREPANCIES.

# FIXTURE SCHEDULE

| TYPE | WATTS | LAMPS | DESCRIPTION |
|---|---|---|---|
| A | 79 | 3 T8 | LITHONIA #2SP-GB-3-32-10515-LS-MVOLT-GEB101IS 3"x3" PARACUBE LENS - 2'x4' LAY-IN FLUOR. 90MIN BATT. BACK-UP FOR EM/NL. |
| B | 51 | 3 T8 | LITHONIA #2SP-GB-3-17-4915-LS-MVOLT-GEB101IS 3"x3" PARACUBE LENS - 2'x2' LAY-IN FLUOR. 90MIN BATT. BACK-UP FOR EM/NL. |
| C | 50 | VERIFY | CON-TECH 5" INCAND DOWNLIGHT - WHITE BAFFLE #RL530-1C-CTR 53001-WHT |
| D | 50 | 2 T8 | LITHONIA #C-2-25-MVOLT-GEB10IS 3' STRIP FLUOR. SURFACE MTD. |
| E | 54 | 2 T8 | LITHONIA #LB-2-32-MVOLT-GEB10IS SURFACE MTD 10"x4' WRAPAROUND FLUOR. OR APPROVED EQUAL |
| F | 26 | DTT | LITHONIA GOTHAM #AF-1/26-DTT-6-AR-MVOLT CFL DOWNLIGHT SPECULAR CLEAR REFLECTOR. INTERIOR: DIMMABLE BALLAST / EXTERIOR: DAMP LOCATION 90MIN BATT. BACK-UP FOR EM/NL (EM EGRESS DISCHARGE). OR APPROVED EQUAL |
| G | 2 | LED | LITHONIA #LQM-S-W-3-R-120/277-ELN EM EGRESS FIXTURE, 90MIN BATT BACK-UP OR APPROVED EQUAL |
| H | 12 | QUARTZ | LITHONIA ELM EM EGRESS FIXTURE, 90MIN BATT BACK-UP OR APPROVED EQUAL |
| J | 79 | 3 T8 | LITHONIA #2-PM3-G-B-3-3218-LD-MVOLT 2'x4' LAY-IN FLUOR, PARABOLIC LENS, 18CELL. OR APPROVED EQUAL |
| K | 62 | 2 U31 | LITHONIA #2-PM3-G-B-2-U316-9LD-MVOLT 2'x2' LAY-IN FLUOR, PARABOLIC LENS, 9CELL. OR APPROVED EQUAL |
| M | 54 | TRT | FLUOR. WALL MTD - TO BE SELECTED 90MIN BATT. BACK-UP USED AS EM EGRESS DISCHARGE. |

| NO. | REVISION | BY | DATE |
|---|---|---|---|
| | | | |


HANDLEY ENGINEERING
130 EL CAMINO REAL TUSTIN, CA 92780
SUITE 200 (714) 669-1141

LICENSED ARCHITECT GARY DAUGHERTY C-12272 REN. 5/31/13 STATE OF CALIFORNIA

SOUTHLAND energy consultants title 24 calculations hvac, plumbing and electrical design
1491 Glenneyre St., Laguna Beach, CA 92651
PH: 949/497-3291 FAX: 949/497-3210
E-mail Address: petesline@aol.com

NEW PROFESSIONAL OFFICE FOR:
JAMES HOCH, D.D.S.
32246 CLINTON KEITH ROAD, WILDOMAR, CA 92595


| | |
|---|---|
| DATE: | 11.28.11 |
| JOB NO: | TM/SL/JH |
| DRAWN: | PK |
| CHECKED: | GD/PK |
| SCALE: | AS NOTED |
| SHEET | E1.0 |
| OF | SHEETS |