

CITY AND COUNTY OF HONOLULU  
REVISED ORDINANCES OF HONOLULU 1990  
CHAPTER 32

To the best of my knowledge, this project's design substantially conforms to the  
Building Energy Conservation Code for:

Building Component System

X Electrical Component System

Mechanical Component System

Signature: \_\_\_\_\_ Date: SEPTEMBER 2022

Name: Jason Yogi, P. E. \_\_\_\_\_

Title: Principal \_\_\_\_\_

License No.: 9062-E \_\_\_\_\_

| LUMINAIRE SCHEDULE  |                |   |
|---|----------------|---|
| TYPE  | LAMP           | DESCRIPTION   |
| A   | 45W LED 4000°K | COLUMBIA LIGHTING LJT24-40K-HLG-FSA12-LUTH-UNV  |
| AE  | 45W LED 4000°K | SIMILAR TO LUMINAIRE TYPE "A"<br>EXCEPT WITH EMERGENCY BATTERY PACK   |
| B   | 24W LED 4000°K | PRESCOLITE AKTMDLED-156-40K-8-FL35-WH. PROVIDE<br>120V SINGLE CIRCUIT TRACK (WHITE). PROVIDE<br>ACCESSORIES AND EQUIPMENT AS REQUIRED |
| C   | 45W LED 4000°K | COLUMBIA LIGHTING LJT24-40K-HLG-FSA12-E-UNV   |
| CE  | 45W LED 4000°K | SIMILAR TO LUMINAIRE TYPE "C"<br>EXCEPT WITH EMERGENCY BATTERY PACK   |
| DE  | 45W LED 4000°K | SIMILAR TO LUMINAIRE TYPE "CE"<br>EXCEPT WITH FLANGE FOR PLASTER CEILING  |
| EE  | 45W LED 4000°K | COLUMBIA LIGHTING LJT14-40K-HLSM-FSA12-E-UNV-ELL14  |
|   |                |   |
|   |                |   |
|   |                |   |
|   |                |   |
|   |                |   |
| X   | LED            | DUAL LITE EVE-U-G-W-E   |
| XEM   | LED            | DUAL LITE EVC-U-G-W   |
| NOTES: 1. ALL LUMINAIRES SHALL BE U.L. LISTED FOR THEIR INTENDED<br>USE AND FOR THE LOCATIONS THEY ARE TO BE UTILIZED.<br><br>2. PROVIDE ALL ACCESSORIES, EQUIPMENT AND WIRING<br>AS REQUIRED FOR COMPLETE, OPERABLE SYSTEMS. |                |   |

DEMOLITION NOTES

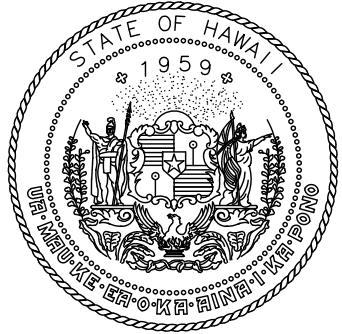
1. EXISTING PLANS DO NOT INDICATE COMPLETE EXISTING WIRING CONDITIONS.  
CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
2. BEFORE ANY WIRING IS CUT, CONTRACTOR SHALL VERIFY USAGE OF WIRING  
TO BE CUT TO ASSURE THAT SERVICES REQUIRED ARE NOT DISCONTINUED.  
PROVIDE ADDITIONAL WIRING DEVICES AND OTHER ACCESSORIES TO ENSURE  
CONTINUITY OF SERVICE TO OTHER PARTS OF INSTALLATION TO REMAIN.
3. REMOVE ALL EXISTING WIRING NOT TO REMAIN IN SERVICE.
4. REMOVE ALL CONDUITS NO LONGER REQUIRED.
5. PHASE WORK TO ASSURE CONTINUITY OF ELECTRICAL, TELEPHONE AND  
SIGNAL SERVICES TO PARTS OF FACILITIES THAT WILL REMAIN IN USE.
6. REMOVE ALL EXISTING LIGHTING FIXTURES, RECEPTACLES AND SWITCHES  
INDICATED TO BE REMOVED OR NO LONGER REQUIRED. BLANK OUTLETS  
AND PLUG ALL HOLES IN BOXES AND CABINETS.
7. ABANDON CONDUITS BELOW GRADE NO LONGER REQUIRED. PULL OUT  
ALL WIRES IN ABANDONED CONDUITS.

ELECTRICAL SYMBOLS

- EXISTING CEILING LUMINAIRE
- EXISTING CEILING LUMINAIRE TO BE REMOVED
- CEILING LED LUMINAIRE
- CEILING LED LUMINAIRE WITH EMERGENCY BATTERY PACK
- CEILING EXIT LIGHT, DARKENED SEGMENTS INDICATES  
ILLUMINATED SIDES AND ARROWS INDICATES DIRECTIONS
- WALL EXIT LIGHT, DARKENED SEGMENT INDICATES  
ILLUMINATED SIDE AND ARROW INDICATES DIRECTIONS
- COMBINATION WALL EXIT LIGHT AND EMERGENCY LIGHT,  
DARKENED SEGMENT INDICATES ILLUMINATED SIDES  
AND ARROWS INDICATES DIRECTIONS
- EXISTING TRACK LIGHT LUMINAIRE TO BE REMOVED
- TRACK LIGHT LED LUMINAIRE
- EXISTING EMERGENCY LIGHT TO BE REMOVED
- EXISTING SWITCH TO BE REMOVED
- SWITCH, 1P20A, +4'-0" TO TOP OF DEVICE
- SWITCH, 3W20A, +4'-0" TO TOP OF DEVICE
- EXISTING DIMMING SWITCH TO BE REMOVED
- ELECTRONIC DIMMING SWITCH, DUAL TYPE AND RATING AS  
REQUIRED TO DIM LOAD INDICATED, +4'-0" TO TOP OF DEVICE
- WALL OCCUPANCY SENSOR, TECHNOLOGY TYPE,  
+4'-0" TO TOP OF DEVICE
- CEILING OCCUPANCY SENSOR, DUAL TECHNOLOGY TYPE,  
PROVIDE POWER PACKS AS REQUIRED
- EXISTING DUPLEX CONVENIENCE OUTLET TO BE REMOVED
- DUPLEX CONVENIENCE OUTLET, 3W20A,  
GROUNDING TYPE, +18" UNLESS OTHERWISE NOTED
- DUPLEX CONVENIENCE OUTLET, 3W20A, GROUND FAULT  
INTERRUPTER TYPE, +18" UNLESS OTHERWISE NOTED
- EXISTING SURFACE METAL RACEWAY WITH RECEPTACLES  
TO BE REMOVED
- EQUIPMENT CONNECTION
- EXISTING WALL JUNCTION BOX TO BE REMOVED
- WALL JUNCTION BOX, 4-11/16" SQUARE MINIMUM
- EXISTING CEILING JUNCTION BOX TO BE REMOVED
- CEILING JUNCTION BOX, 4-11/16" SQUARE MINIMUM
- LARGE JUNCTION BOX
- EXISTING PANELBOARD
- WEATHERPROOF
- LUMINAIRE DESIGNATION, TYPE "A" INDICATED

- WIRING IN EXISTING RACEWAY
- WIRING IN EXISTING RACEWAY TO BE REMOVED
- WIRING IN EXPOSED RACEWAY
- WIRING IN FLEXIBLE RACEWAY

- NOTES: 1. ANY CIRCUIT WITH NO FURTHER DESIGNATION INDICATES A  
TWO WIRE CIRCUIT. CIRCUITS WITH ADDITIONAL WIRES ARE  
INDICATED AS FOLLOWS: , 3 WIRES: , 4 WIRES, ETC.
2. GROUND WIRE PER NATIONAL ELECTRICAL CODE INDICATED AS  
FOLLOWS; .
3. ALL EXPOSED CONDUIT AND BOXES SHALL BE PAINTED TO  
MATCH ADJACENT WALL OR CEILING SURROUNDING.



Airports Division  
DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII

|   |       |       |       |
|---|-------|-------|-------|
| 04/30/24<br>License Expiration Date                   |       |       |       |
| This work was prepared by me or under my supervision. |       |       |       |
| DSGN.   | DRWN. | CHKD. | APPD. |
| JY  | JM    | JY    | -     |

NO. DATE REVISIONS

FINAL SUBMITTAL

09/30/22  
DATE

PROJECT TITLE :

AIR TRAFFIC CONTROL  
TOWER REPAIRS

AT  
KALAELOA AIRPORT  
BARBERS POINT, OAHU, HAWAII

PROJECT NO.:

AO5024-03

SHEET TITLE:

ELECTRICAL SYMBOLS,  
DEMOLITION NOTES,  
LUMINAIRE SCHEDULE

DATE :  
09/30/22  
SHEET :  
20 OF 24 SHEETS

DWG. NO.  
E000