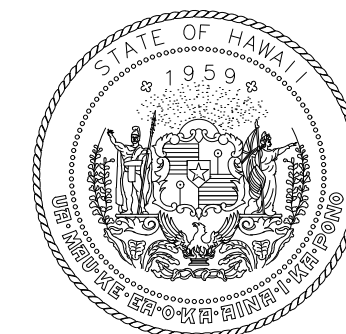
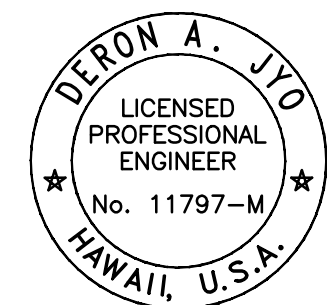




Airports Division  
DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII



*Deron A. Jyo*  
This work was prepared by me or under my supervision.

| DSGN. | DRWN. | CHKD. | APPD. |
|-------|-------|-------|-------|
|       |       |       |       |

| NO. | DATE     | REVISIONS   |
|-----|----------|-------------|
| 2   | 11/18/22 | ADDENDUM #2 |
| 1   | 11/03/22 | ADDENDUM #1 |

**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:

**AIR TRAFFIC CONTROL  
TOWER, 2ND LEVEL  
REFRIGERANT PIPING  
& INSTRUMENTATION  
PLAN**

| DATE :         | DWG. NO.    |
|----------------|-------------|
| 9/30/22        | <b>M104</b> |
| SHEET :        |             |
| 31 OF 42 SHEET |             |

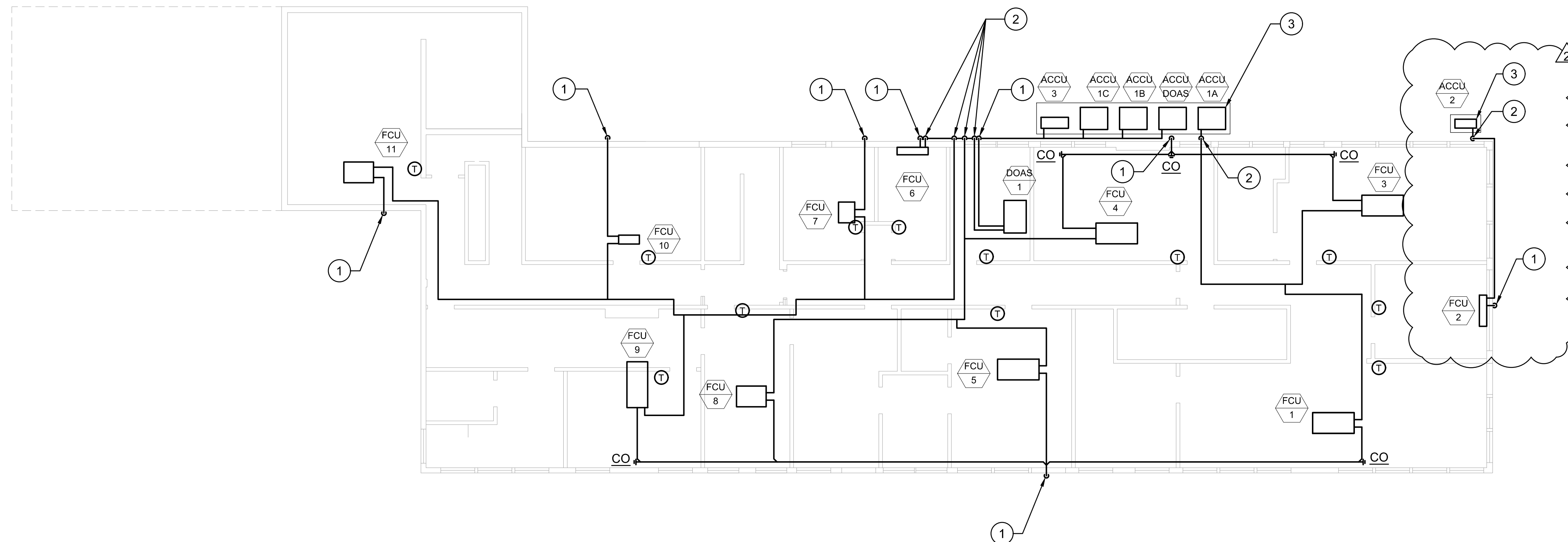
#### MECHANICAL GENERAL NOTES

REFRIGERANT PIPING TO BE SIZE PER  
MANUFACTURER'S RECOMMENDATION.  
SCHEMATICS CAN BE FOUND ON M-501.

PROVIDE CLEARANCES AROUND ALL HVAC  
EQUIPMENT PER MANUFACTURER'S  
RECOMMENDATION.

#### MECHANICAL NEW WORK NOTES

- CONDENSATE DRAIN TO PENETRATE THROUGH  
EAVE TO THE FIRST FLOOR AND DAYLIGHT TO THE  
EXTERIOR.
- REFRIGERANT PIPING TO PENETRATE THROUGH  
THE EAVE TO THE FIRST FLOOR AND CONNECT TO  
ACCU.
- INSTALL NEW ACCU. PROVIDE NEW REFRIGERANT  
PIPING TO THE FCU'S. PROVIDE CLEARANCES PER  
MANUFACTURER'S RECOMMENDATIONS.  
REFRIGERANT PIPING TO BE SIZED PER  
MANUFACTURER'S RECOMMENDATIONS.



**AIR TRAFFIC CONTROL TOWER 2ND LEVEL REFRIGERANT PIPING AND INSTRUMENTATION PLAN**

SCALE: 1/8" = 1'-0"

