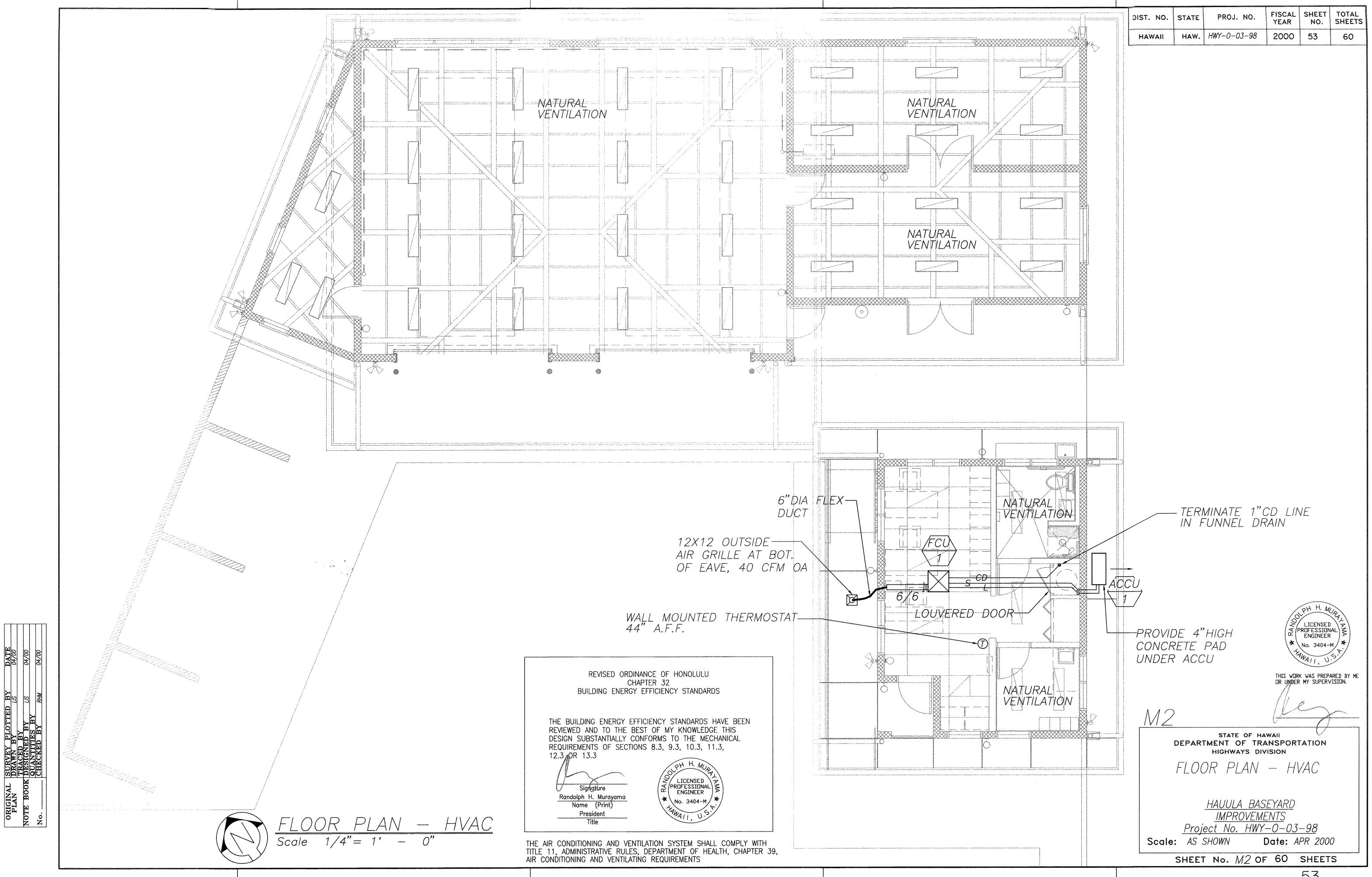


ORIGINAL SURVEY PLOTTED BY DATE PLAN PRAWN BY LIS 04/00 TRACED BY LIS 04/00 OUTE BOOK DESIGNED BY LIS 04/00 OUANTITIES BY

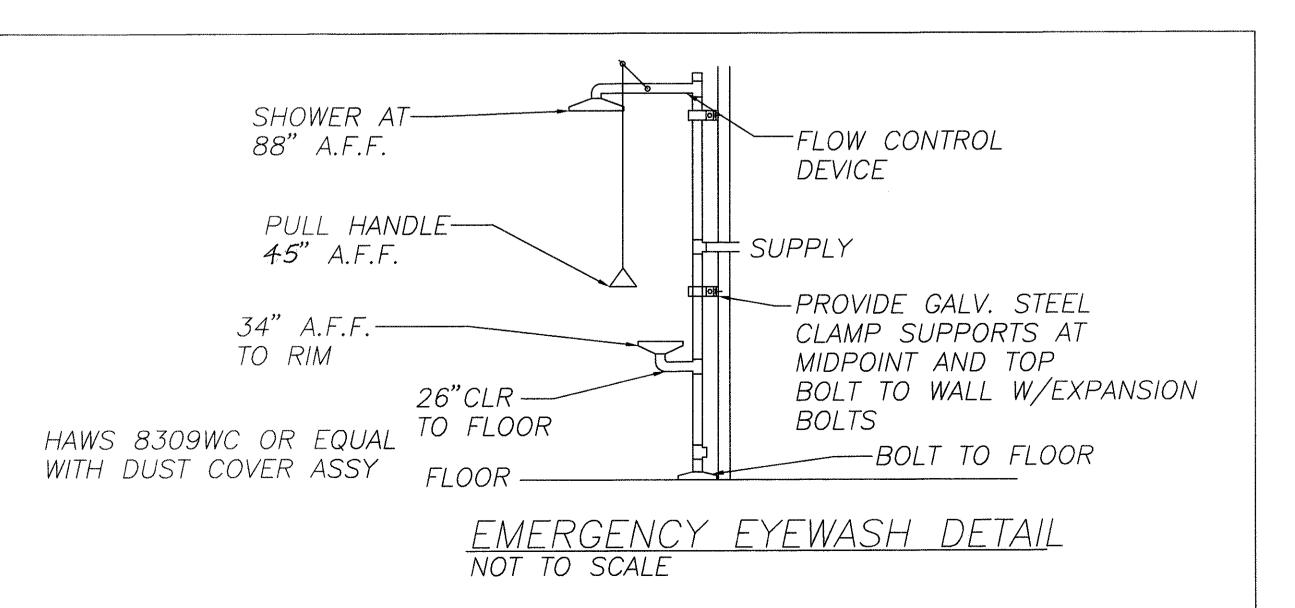
ADD. 52

"AS-BULT"



## General Conditions:

- Conform to all requirements of the Building, Plumbing, and Electrical Codes of the County of Honolulu, State of Hawaii Health Regulations, Fire Department Regulations, and other applicable regulations. All items shall be installed in accordance with manufacturers recommendations.
- Installation shall be guaranteed to be free from defects for one year from final date of acceptance of the project as a whole.
- Contractor shall verify all field conditions prior to bid and construction.
- Coordinate all work with other trades to avoid interferences and delays. Contractor shall coordinate with other trades to avoid conflicts and delays.
- The Contractor shall be responsible for all permits and applications including payment.
- Provide additional materials and labor for a complete operable system at no additional cost to the Owner.
- Provide access panels for all items under this section requiring servicing, inspection, maintenance, and adjustment.
- Prepare three (3) sets of shop drawings, submitted to the engineer for approval prior to the start of work. No reproductions of any kind of the contract documents shall be acceptable as shop drawings. Provide one set of reproducible as-built drawings showing the actual installed conditions and submit to the Owners upon completion of work.
- All equipment called out to be re-used or reinstalled shall be cleaned, refurbished and tested before reinstallation.
- 10. Contractor to verify all existing line sizes, conditions, locations and inverts of connection points prior to any work done.
- 11. Provide galvanized steel support as required for mechanical equipment. Provide dielectric unions at all dissimilar metal contact. All steel surfaces shall be galvanized.
- 12. Caulk all wall and roof penetrations to the outside watertight.
- Coordinate work schedule with building management prior to construction.
- 14. Provide controls, control wiring and conduit. No EMT allowed outdoors. Thick walled galv. pipe conduit shall be used in lieu of EMT.
- 15. Use non-lead, non-corrosive solder/flux.
- Coordinate location of thermostat/switch locations with Architect/Owner to avoid interferences with equipment, display items, signs, lighting, switches, etc.
- 17. Adjacent spaces are occupied. Coordinate/schedule work with building management to avoid conflicts and interruptions.
- 18. All steel outside of building shall be hot dipped galvanized with two extra coats epoxy paint.
- Parking and other vehicle access shall be coordinated with DFS Hawaii prior to bid.
- Relocate and coordinate with other trades, conduit and wiring as required for proper installation of equipment, piping, hangers, ducts, etc.



## MECHANICAL EQUIPMENT SCHEDULE

FCU-1: CARRIER 53QKB 024-3 OR EQUAL. IN-CEILING CASSETTE, INTEGRAL CONDENSATE PUMP, VENTILATION CAPABLE, FACTORY TIMECLOCK.
18,300 BTUH TOTAL COOLING AT 80/67 DB/WB ENT. AIR 525 CFM SA. 10.4 EER. 230V/1PH/60HZ, 0.44 FLA.

ACCU-1: CARRIER 38HDC 018-3 OR EQUAL. USE WITH FCU-1. HORIZONTAL AIR DISCHARGE, 1-1/2 TON NOMINAL CAPACITY. 230V/1PH/60HZ, COMPRESSOR: 8.0 RLA, 49.0 LRA. FAN: 0.7 FLA. PROVIDE HERESITE COATING ON COIL, POLYSILOXANE COATING ON INSIDE/OUTSIDE OF UNIT. EWH-1: BRADFORD WHITE M-II-50T6DS OR EQUAL. 50 GALLON CAPACITY, 230V.1PH/60HZ, 4500 WATT NON-SIMULTANEOUS ELEMENTS, GLASS LINED TANK. 20 GPH RECOVERY AT 90F TEMPERATURE RISE.

DIST. NO. STATE

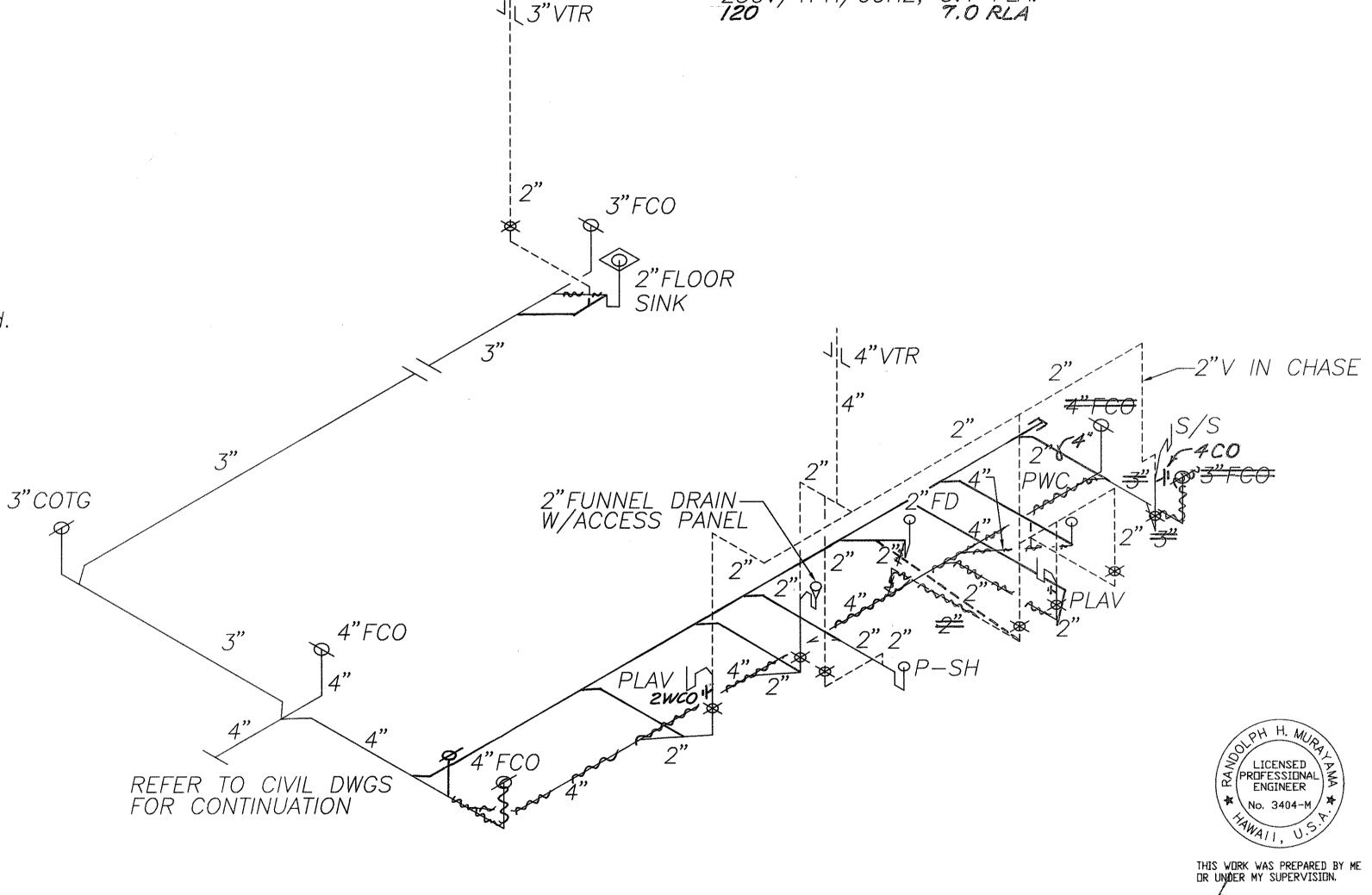
PROJ. NO.

HAW. HWY-0-03-98 2000 54

FISCAL SHEET TOTAL YEAR NO. SHEETS

ACP-1: INGERSOLL RAND T30 7HE OR EQUAL. 120 GALLON RECEIVER, 33.0 CFM DISPLACEMENT, AIR COOLED AFTERCOOLER, INLET FILTER, AUTOMATIC CONDENSATE DRAIN W/INVERTED BUCKET TRAP. 230V/1PH/60HZ, 7-1/2 HP MOTOR.

RAD-1: ZEKS 35NCA OR EQUAL, 35 CFM AT 35F. 230V/1PH/60HZ, 3.1 FLA. 120 7.0 RLA

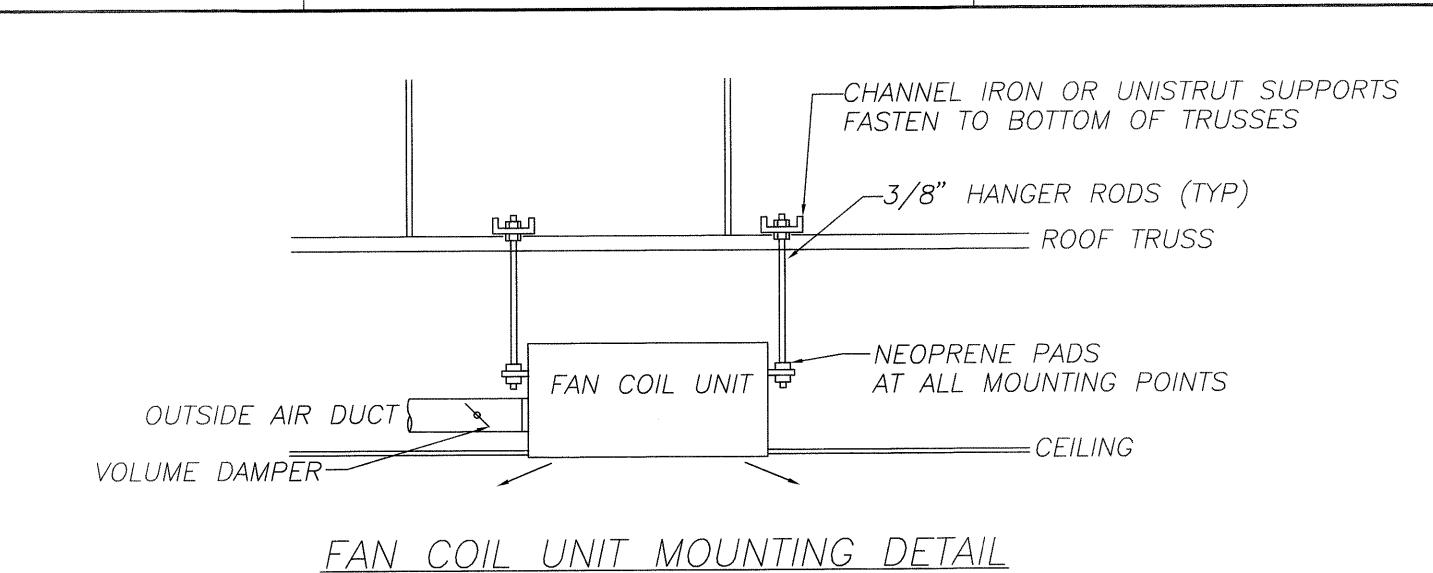


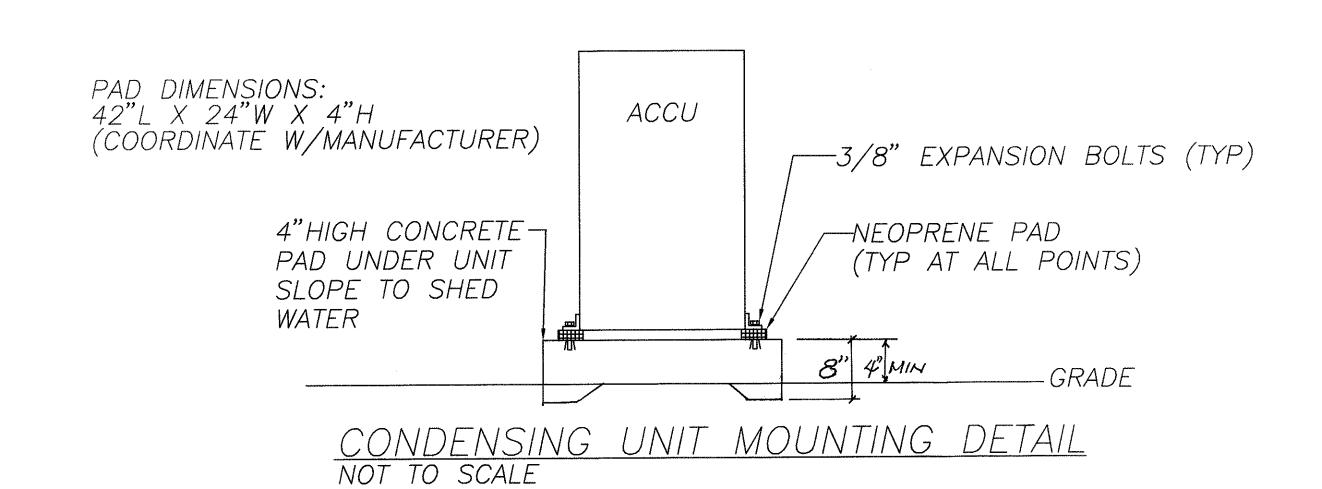
SANITARY PIPING DIAGRAM NOT TO SCALE

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SCHEDULES, NOTES, DIAGRAMS, DETAILS

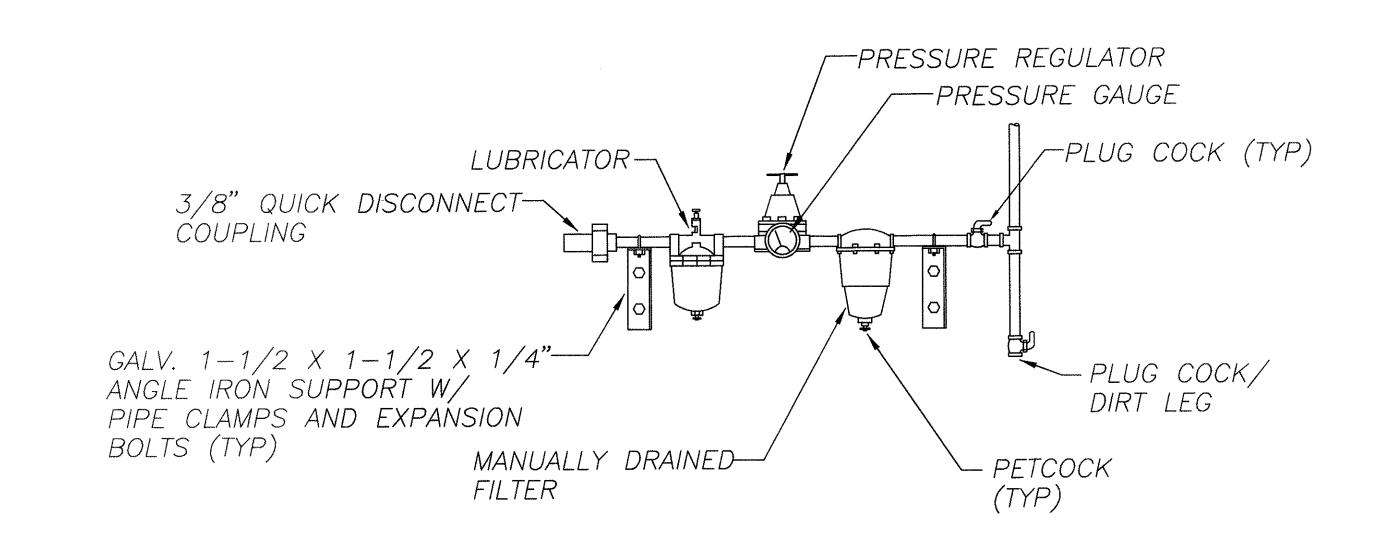
HAUULA BASEYARD **IMPROVEMENTS** Project No. HWY-0-03-98 Scale: AS SHOWN Date: APR 2000

SHEET No. M3 OF 60 SHEETS





NOT TO SCALE



TYPICAL AIR STATION DETAIL

NOT TO SCALE

