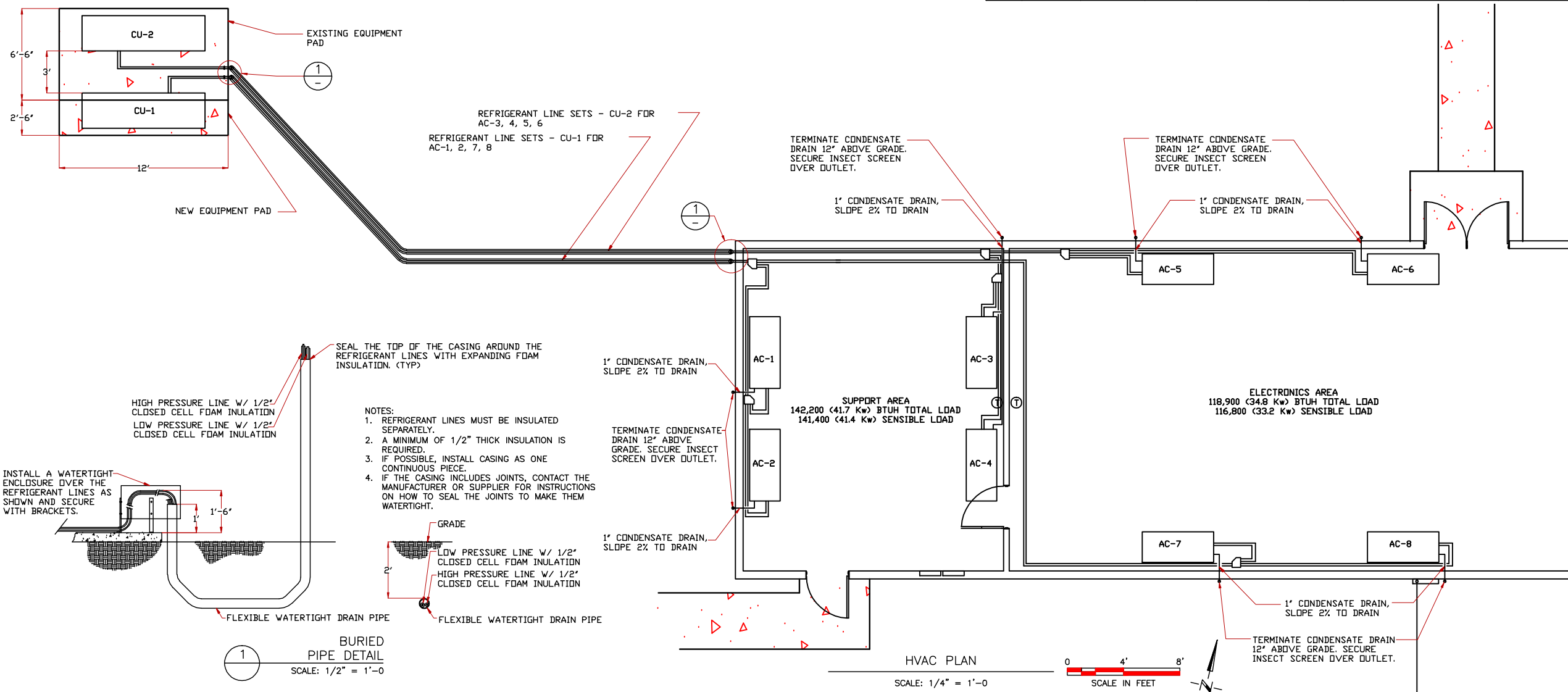


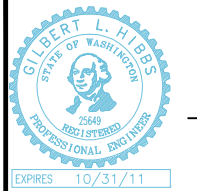
DUCTLESS AIR CONDITIONER OUTDOOR UNIT SCHEDULE							
SYMBOL	LOCATION	REFRIGERANT TYPE	COOLING		OUTDOOR UNIT		FEATURES
			TOTAL CAPACITY (BTU)		MCA (AMPS) SEE NOTE 2	V/PH	
CU-1	SEE PLAN	R410A	192,000		15/30	460/3	MITSUBISHI PUHY-P192TSJMU-A INVERTER POWERED COMPRESSOR PROVIDE LOW AMBIENT KIT
CU-2	SEE PLAN	R410A	192,000		15/30	460/3	MITSUBISHI PUHY-P192TSJMU-A INVERTER POWERED COMPRESSOR PROVIDE LOW AMBIENT KIT

DUCTLESS AIR CONDITIONER (AC) INDOOR UNIT SCHEDULE								
SYMBOL	ROOM LOCATION	TYPE	COOLING		INDOOR UNIT		MFR/MODEL	FEATURES
			TOTAL CAPACITY (BTU)	SENSIBLE CAPACITY (BTU)	MCA (AMPS)	V/PH		
AC-1	ELECTRONICS	DUCTLESS CLG MOUNT	49,194	37,281	3.43	208/1	MITSUBISHI PEFY-P54NMHU-E	THERMOSTAT PAR-21MAA FOR UNITS AC-1 THROUGH 4
AC-2	ELECTRONICS	DUCTLESS CLG MOUNT	49,194	37,281	3.43	208/1	MITSUBISHI PEFY-P54NMHU-E	
AC-3	ELECTRONICS	DUCTLESS CLG MOUNT	49,194	37,281	3.43	208/1	MITSUBISHI PEFY-P54NMHU-E	
AC-4	ELECTRONICS	DUCTLESS CLG MOUNT	49,194	37,281	3.43	208/1	MITSUBISHI PEFY-P54NMHU-E	
AC-5	ELECTRONICS	DUCTLESS CLG MOUNT	43,728	32,493	3.38	208/1	MITSUBISHI PEFY-P48NMHU-E	THERMOSTAT PAR-21MAA FOR UNITS AC-5 THROUGH 8
AC-6	ELECTRONICS	DUCTLESS CLG MOUNT	43,728	32,493	3.38	208/1	MITSUBISHI PEFY-P48NMHU-E	
AC-7	SUPPORT	DUCTLESS CLG MOUNT	43,728	32,493	3.38	208/1	MITSUBISHI PEFY-P48NMHU-E	
AC-8	SUPPORT	DUCTLESS CLG MOUNT	43,728	32,493	3.38	208/1	MITSUBISHI PEFY-P48NMHU-E	

- NOTES:
- ELECTRICAL POWER BY OWNER. OUTDOOR UNITS REQUIRE 480V, 3PH. INSIDE UNITS REQUIRE 208V 1 PH.
  - EACH OUTSIDE UNIT IS A COMBINATION OF TWO UNITS, EACH REQUIRING A SEPERATE ELECTRICAL CONNECTION.
  - SUPPORT EACH INDOOR UNIT WITH SPRING HANGERS AND RODS, MASON INDUSTRIES SERIES 30N, SIZE X33. THERE ARE FOUR SPRING HANGERS REQUIRED PER UNIT.
  - MOUNT OUTDOOR UNITS WITH VIBRATION ISOLATION PADS AT BASE.



REV	DATE	BY	DESCRIPTION	APPROVED



PROJECT NUMBER	0000A01.DWG
DESIGN A/E	
CHECKED BY	GLH
DESIGN BY	GLH
DATE	04/11/2011
REV	
DATE	
BY	
DESCRIPTION	
APPROVED	

LHO H2 ELECTRONICS BLDG  
HVAC PLAN, DETAILS

LIGO HANFORD OBSERVATORY  
DRAWING: LIGO-D-1100814v1  
**HIBBS ENGINEERING, INC.**  
KENNEWICK, WASHINGTON

DRAWING NUMBER	814
REV	v1

LIGO DRAWING D1100814-v1