

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-00M	2000	20	22

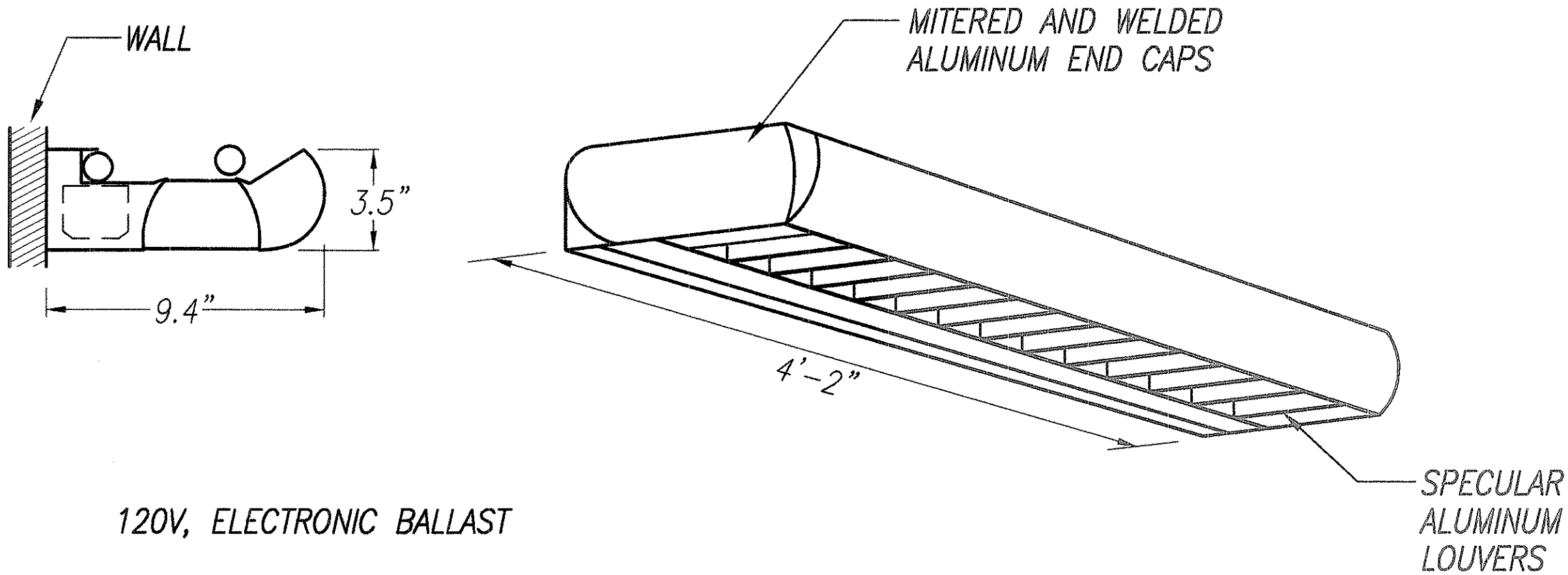
ELECTRICAL SYMBOLS

- EXISTING CEILING LUMINAIRE TO REMAIN
- WALL FLUORESCENT LUMINAIRE
- SWITCH, 1P20A, +4'-0"
- DUPLEX CONVENIENCE OUTLET, 3W15A, GROUNDING TYPE, +16" UNLESS OTHERWISE NOTED
- DUPLEX CONVENIENCE OUTLET, 3W15A, GROUND FAULT INTERRUPTER TYPE, +16" UNLESS OTHERWISE NOTED
- EXISTING EQUIPMENT CONNECTION TO BE REMOVED
- NEW EQUIPMENT CONNECTION
- WALL JUNCTION BOX, 4-11/16" SQUARE MINIMUM
- CEILING JUNCTION BOX, 4-11/16" SQUARE MINIMUM
- LARGE JUNCTION BOX
- EXISTING PANELBOARD
- TELEPHONE OUTLET, +16"
- MOTOR OUTLET
- MOTOR CONTROLLER
- SAFETY SWITCH
- WEATHERPROOF
- WIRING IN EXISTING RACEWAY
- WIRING IN EXPOSED RACEWAY
- NEW WIRING IN RACEWAY CONCEALED IN WALL OR CEILING

- NOTES:
- ANY CIRCUIT WITH NO FURTHER DESIGNATION INDICATES A TWO WIRE CIRCUIT. CIRCUITS WITH ADDITIONAL WIRES ARE INDICATED AS FOLLOWS:  $\frac{1}{4}$ , 3 WIRES:  $\frac{1}{4}$ , 4 WIRES, ETC.
  - GROUND WIRE PER NATIONAL ELECTRICAL CODE INDICATED AS FOLLOWS:  $\frac{1}{4}$ .
  - ALL EXPOSED RACEWAY SHALL BE PAINTED TO MATCH ADJACENT WALL OR CEILING FINISH.

DEMOLITION NOTES

- EXISTING PLANS DO NOT INDICATE COMPLETE EXISTING WIRING CONDITIONS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
- 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.
- REMOVE ALL EXISTING WIRING NOT TO REMAIN IN SERVICE.
- REMOVE ALL CONDUITS NO LONGER REQUIRED.
- PHASE WORK TO ASSURE CONTINUITY OF ELECTRICAL, TELEPHONE AND SIGNAL SERVICES TO PARTS OF FACILITIES THAT WILL REMAIN IN USE.
- 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.
- DELIVER ALL SALVAGEABLE MATERIAL AS DETERMINED BY ENGINEER AT NO ADDITIONAL COST TO OWNER. PACK MATERIAL IN BOXES. COIL ALL CABLES AND TIE.



120V, ELECTRONIC BALLAST

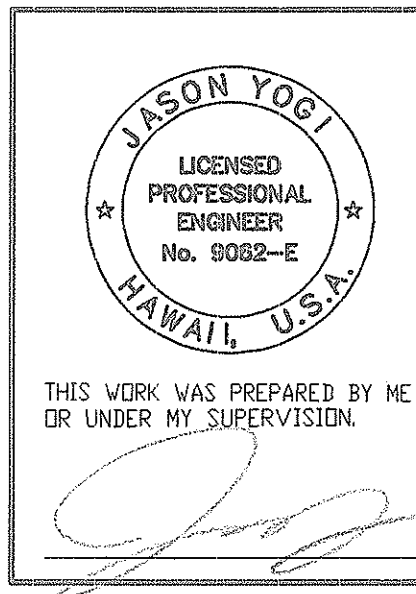
HOUSING : 6063 T5 EXTRUDED ALUMINUM

FINISH : STANDARD WHITE, THERMOSTAT POLYESTER

LUMINAIRE TO PROVIDE DIRECT/INDIRECT LIGHT

LUMINAIRE TYPE "A" - 2/48 2-32W  
COOL WHITE FLUORESCENT LAMPS

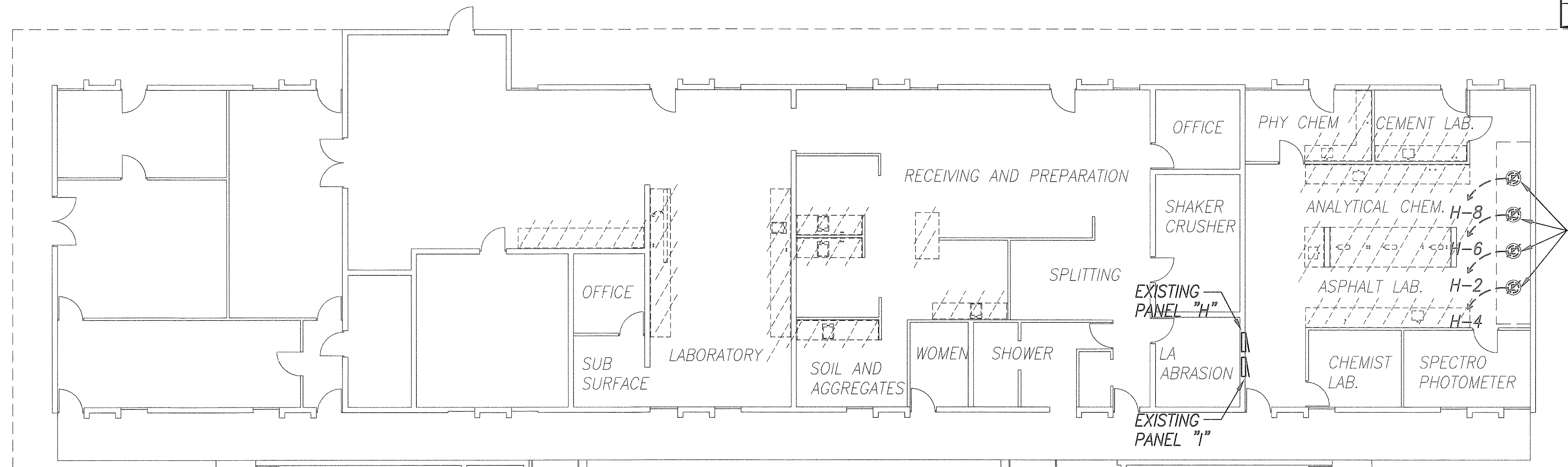
ORIGINAL SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	



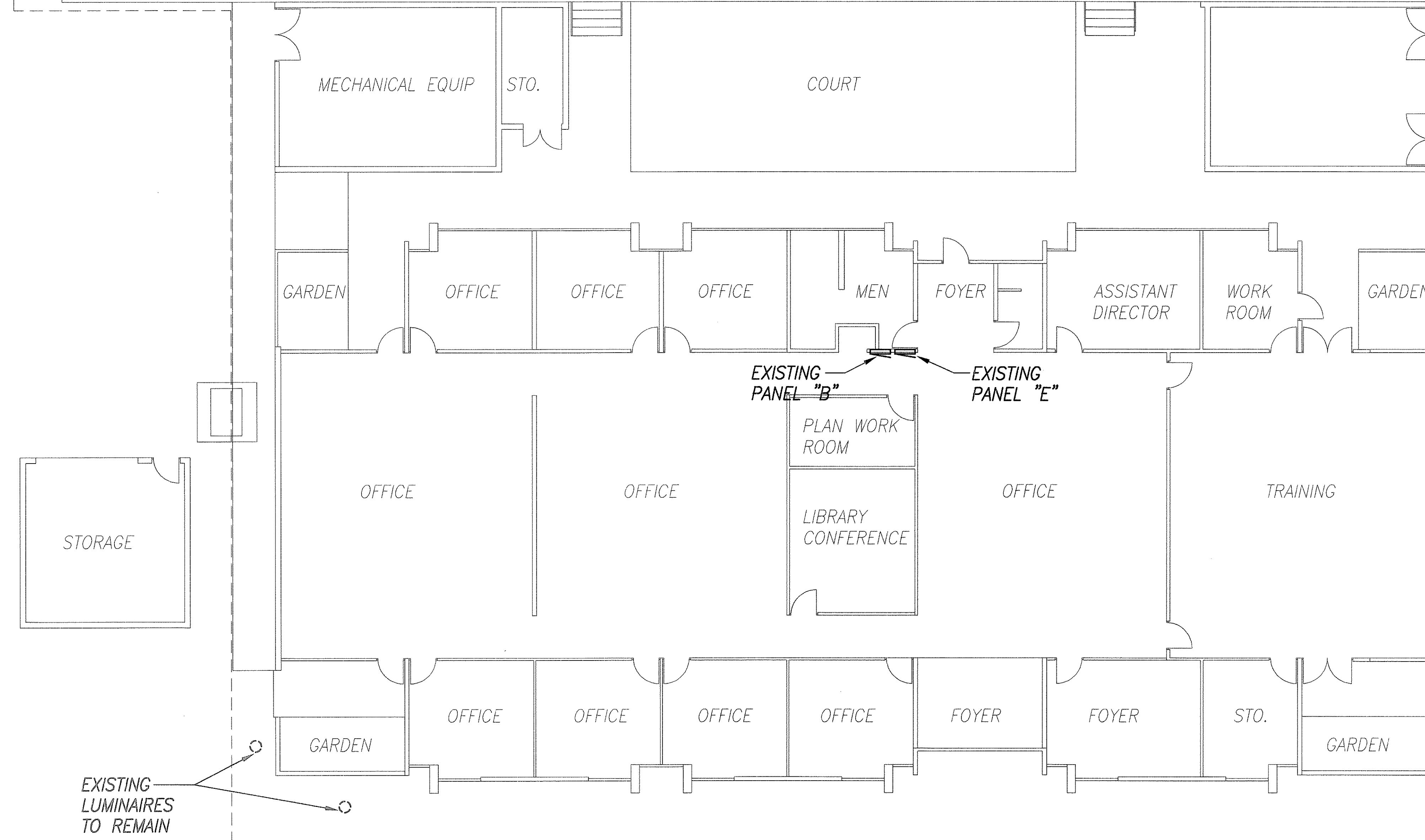
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ELECTRICAL SYMBOLS, DEMOLITION NOTES, LUMINAIRE DETAIL BUILDING RENOVATION - MISCELLANEOUS MATERIALS TESTING & RESEARCH BRANCH Project No. HWY-0-02-00M Scale: As Noted Date: MAY, 2000 SHEET No. 20 OF 22 SHEETS
---

E-1

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-00M	2000	21	22

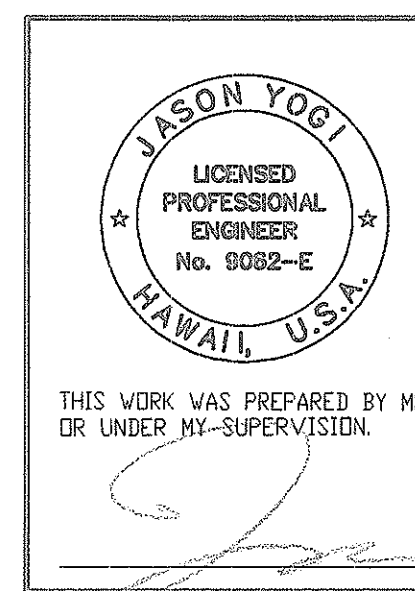


EXISTING BLOWER FAN  
ON ROOF TO BE REMOVED  
AND REPLACED WITH NEW.



# **ELECTRICAL DEMOLITION PLAN** SCALE: 1/8" = 1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	TRACED BY	
QUANTITIES BY	CHECKED BY	
No.		



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ELECTRICAL PLAN - DEMOLITION WORK**

**BUILDING RENOVATION - MISCELLANEOUS MATERIALS TESTING & RESEARCH BRANCH**

Project No. HWY-0-02-00M

Scale: As Noted Date: MAY, 2000

SHEET No. 21 OF 22 SHEETS

E-2