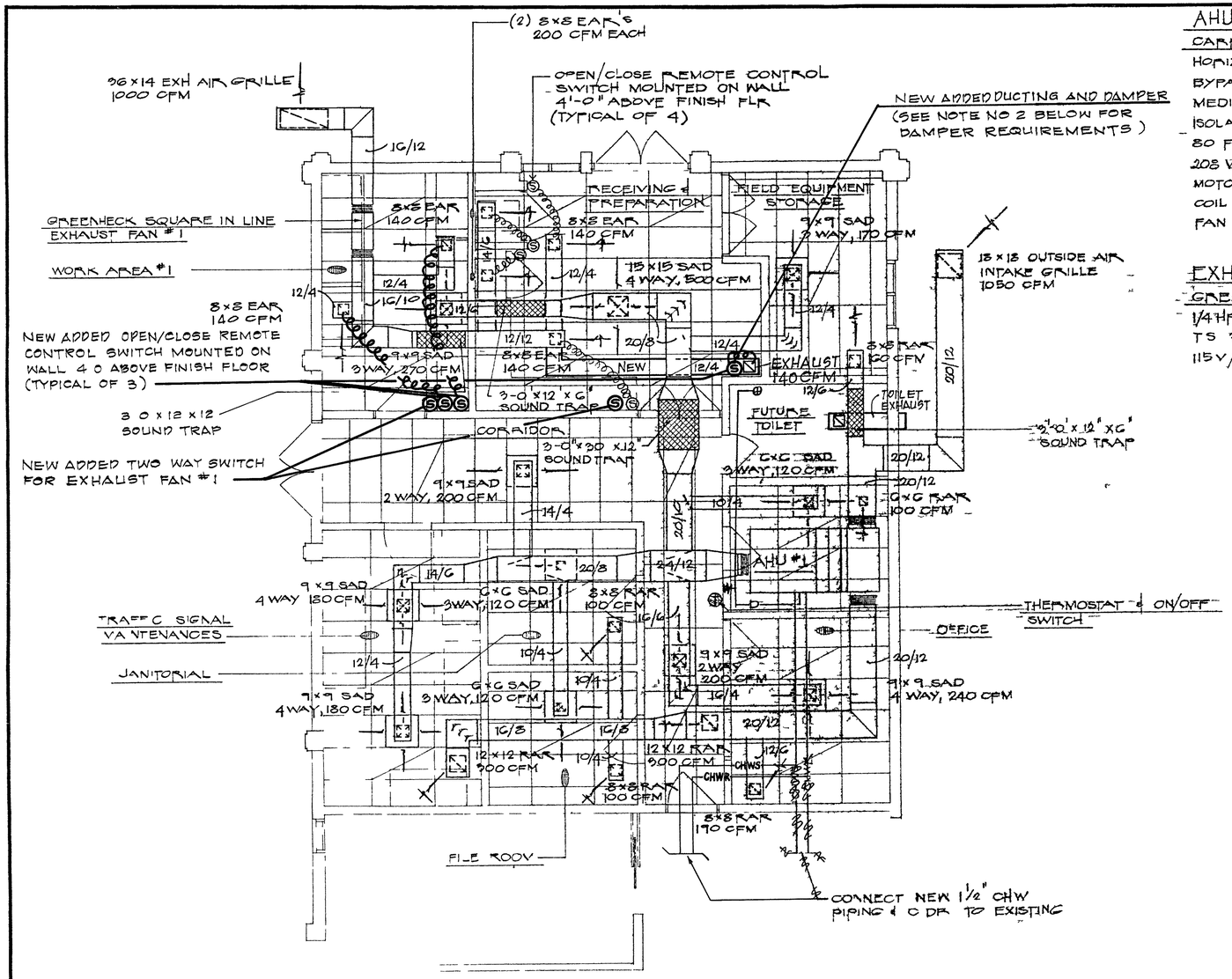
FED ROAD DIST NO	STATE	PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY M 03 91M	1991	2	10



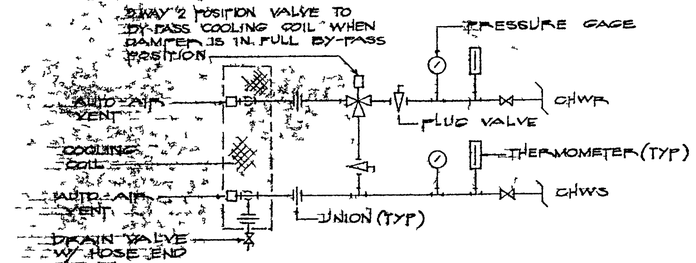
ZONE 1
AIR CONDITIONING AND VENTILATION PLAN
MATERIAL TESTING AREA
SCALE 1/4" = 1-0'

AHU #1

CARRIER CENTRAL STATION AIR HANDLING UNIT MODEL 39DA-060
HORIZONTAL DRAW THRU, CEILING HUNG UNIT, WITH FILTER BOX
BYPASS PLENUM SECTION, FACE & BYPASS DAMPER SECTION,
MEDIUM BYPASS DUCT, DRIVE PACKAGE, FAN MOTOR, VIBRATION
ISOLATORS, BASE FAN, 2000 CFM, 429 FPM-COIL FACE VEL,
80 F EDB TEMP, 67 F EWB TEMP, 700 FAN RPM, 2 HP MTR
208 V/3Φ/60Hz, 20 GPM
MOTOR POSITION, FRONT LEFT HAND
COIL CONN, LEFT HAND
FAN PITCH, HD

EXHAUST FAN #1

GREENHECK SQUARE IN LINE CENTRIFUGAL FAN MODEL SQB-10
1/4 HP 1725 RPM, 115V/1Φ/60Hz, 1000 CFM, 1/2" SP, 1330 FAN RPM
TS 3373, WITH BELT GUARD, RUBBER IN SHEAR HANGER
115V/1Φ/60Hz



AIR HANDLER PIPING DIAGRAM

NOTES
1. EXISTING AIR CONDITIONING AND VENTILATION SYSTEM IN THIS AREA (ZONE 1) SHALL REMAIN
NEW ADDED DUCTING & SWITCHES SHALL BE INSTALLED AS SHOWN ABOVE
FINAL LOCATIONS OF THE NEW SWITCHES SHALL BE AS DIRECTED BY THE ENGINEER
2. NEW DAMPER SHALL HAVE ELECTRICALLY CONTROLLED OPERATOR MANUFACTURED BY TITUS RUSKIN OR APPROVED EQUAL
CONTRACTOR SHALL DETERMINE WHETHER SIDE OR FRONT MOUNT TO SUIT FIELD CONDITIONS.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

AIR CONDITIONING & VENTILATION PLAN

MAUI DISTRICT BASEYARD
Administration Building Air Conditioning
PROJECT NO HWY-M-03 91M
Scale As Shown Date April, 1991

SHEET No 1 OF 1 SHEETS

2