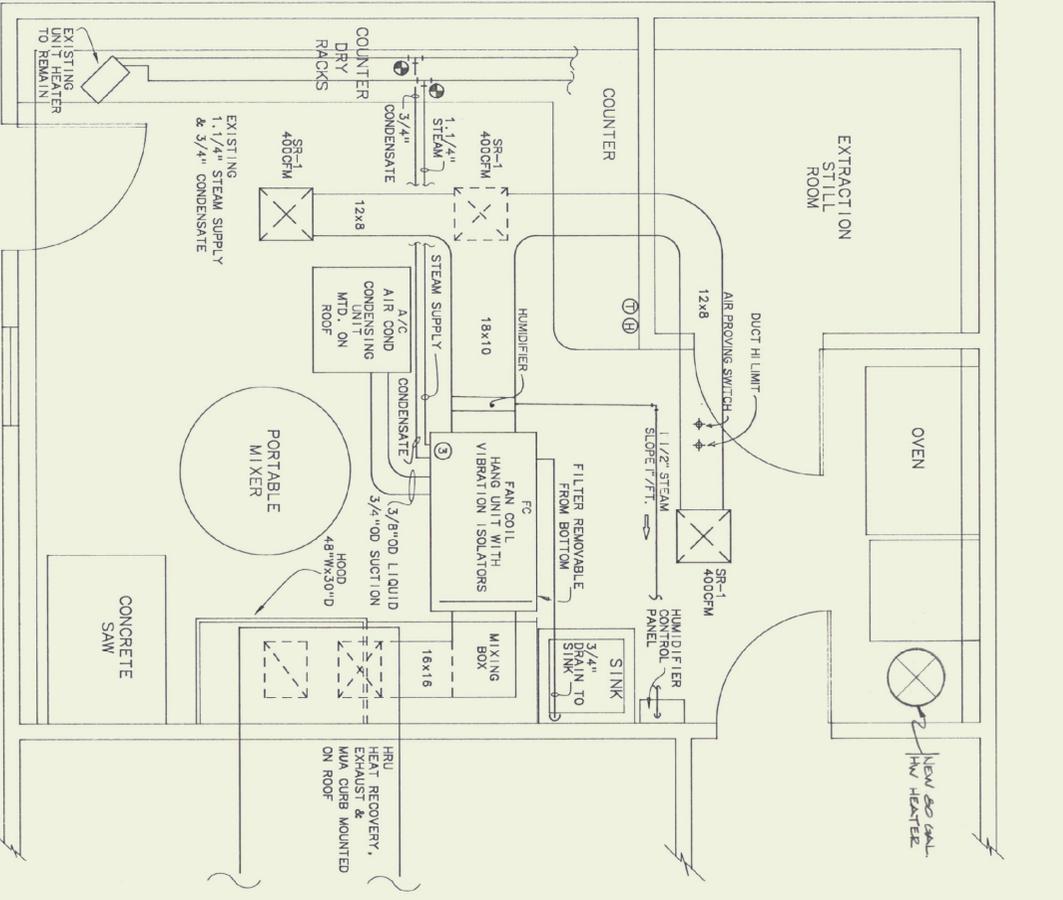


ELECTRICAL PLAN
SCALE - 1/2"=1'-0"

- ELECTRICAL LEGEND**
- 3-WAY SWITCH
 - SPECIAL PURPOSE OUTLET
 - DUPLEX RECEPTACLE - 45" AFF
 - SAFETY SWITCH
 - STARTER
 - FLUORESCENT LIGHT
 - ABOVE FINISH FLOOR
 - WATER PROOF



MECHANICAL PLAN
SCALE - 1/2"=1'-0"

- MECHANICAL LEGEND**
- HUMIDISTAT
 - THERMOSTAT
 - CONNECT TO EXISTING
 - PIPE DOWN
 - PIPE UP
 - SUPPLY AIR
 - RETURN AIR

- ALTERNATE #1**
- 1) PROVIDE DUCT WORK IN EXTRACTION STILL ROOM AS SHOWN
 - 2) DELETE ALL ELECTRICAL WORK IN STRUCTURAL TESTING LAB AND NEW 3-WAY SWITCH FOR EXISTING CIRCUIT IN EXTRACTION STILL ROOM AND 5-WAY SWITCH TO NEW DOOR LOCATION

22' TO EXISTING ELECTRICAL PANEL

KEYED NOTES

1. EXISTING CONCRETE SAW WITH SAFETY SWITCH AND STARTER PRESENTLY LOCATED IN ADJOINING ROOM TO BE REMOVED AND RELOCATED. EXTEND EXISTING BRANCH CIRCUIT.
2. LEAVE EXISTING WHITE HEATER & PROVIDE BACKSCAPED WHITE MODEL M-II-50 R50S OR EQUAL.
3. REFER TO STEAM COIL PIPING DIAGRAM.
4. EXISTING POWER PANEL - SIEMENS 208/120 VOLT, 3 PHASE, 225 AMP, TYPE CDP-7. PROVIDE TYPE BL CIRCUIT BREAKERS.
 - 5. PROVIDE 20 AMP, 1 POLE, 60 CIRCUIT BREAKER
 - 6. CONNECT TO EXISTING, SPARE, 20 AMP, 1 POLE CIRCUIT BREAKER
 - 7. PROVIDE 1 POLE, 30 AMP CIRCUIT BREAKER.
 - 8. PROVIDE 3 POLE, 25 AMP HACR CIRCUIT BREAKER
 - 9. PROVIDE 3 POLE, 40 AMP CIRCUIT BREAKER.
10. ELECTRICAL CONTRACTOR TO PROVIDE 50 AMP, 2 POLE SAFETY SWITCH, 1/2" CONDUIT, 2-#10 AND 1-#12 GROUND TO PANEL. PROVIDE 50 AMP, 2 POLE CIRCUIT BREAKER IN PANEL. PROVIDE WHITE WIRE BUNDLE.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION
FA	KEystone LU240-DMR, DUST AND MOISTURE RESISTANT, 120 VAC, ELECTRONIC BALLAST, 2 LAMP, 32 WATT, TB, 3,500 K, MOUNT 9' AFF.

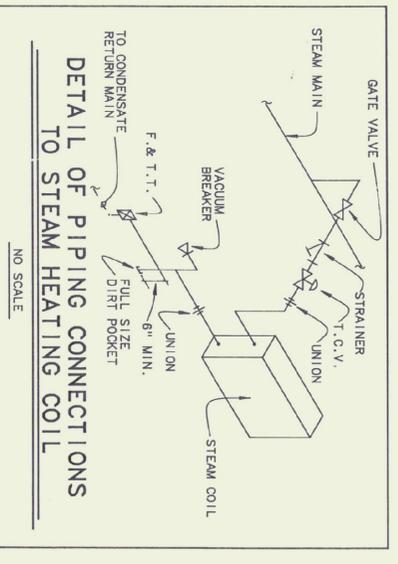
SPECIAL PURPOSE OUTLET

ITEM	VOLTS	PHASE	AMPACITY	CIRCUIT BREAKER	REMARKS
OVEN	208	1	50	2P/50	RECEPTACLE CORD AND CAP BY EC
HUMIDIFIER	208	3	28	3P/40	
A/C	208	3	20.2	3P/25 HACR	25 AMP, FRN FUSES
HRU	120	1	22	1P/20	EXISTING
SAW	208	1	20	EXISTING	
FAN COIL	120	1	12	1P/20	

NOTE: VERIFY ALL EQUIPMENT NAME PLATE RATINGS BEFORE INSTALLATION.

- ELECTRICAL GENERAL NOTES**
1. REMOVE 3 LIGHT FIXTURES, CONDUIT, WIRE, SWITCH BOXES, ETC. LIGHT FIXTURE TO REMAIN PROPERTY OF OWNER. REMOVE/REPLACE ALL EXISTING CONDUIT FITTINGS AND BOXES NOT OF WATER TIGHT CONSTRUCTION.
 2. ALL ELECTRIC TO BE MINIMUM 18" AFF. ALL ELECTRIC TO BE OF WATER TIGHT CONSTRUCTION.
 3. NOTE THAT EXISTING EXTRACTION STILL ROOM IS A CLASS 1, DIVISION 1 LOCATION. (REFER TO NEC ARTICLE 500).

- MECHANICAL GENERAL NOTES**
1. EXISTING STANDING SEAM ROOF IS STILL IN WARRANTY PERIOD. ALL ROOF PENETRATIONS AND WEATHERPROOFING OF ROOF TO BE CO-ORDINATED WITH BURRELL CO. INC.



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STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
VERMONT

AGENCY OF TRANSPORTATION
CONCRETE TEST LABORATORY
BARRE-MONTPELLIER ROAD
BERLIN, VERMONT

ELECTRICAL & MECHANICAL PLANS

DATE: 06/09/92
DRAWN BY: B.W.M.
SCALE: 1/2"=1'-0"
REVISIONS: CAD FILE: P-OTL-D1
SHEET: 5 OF 5
DWG NO. ME-1

