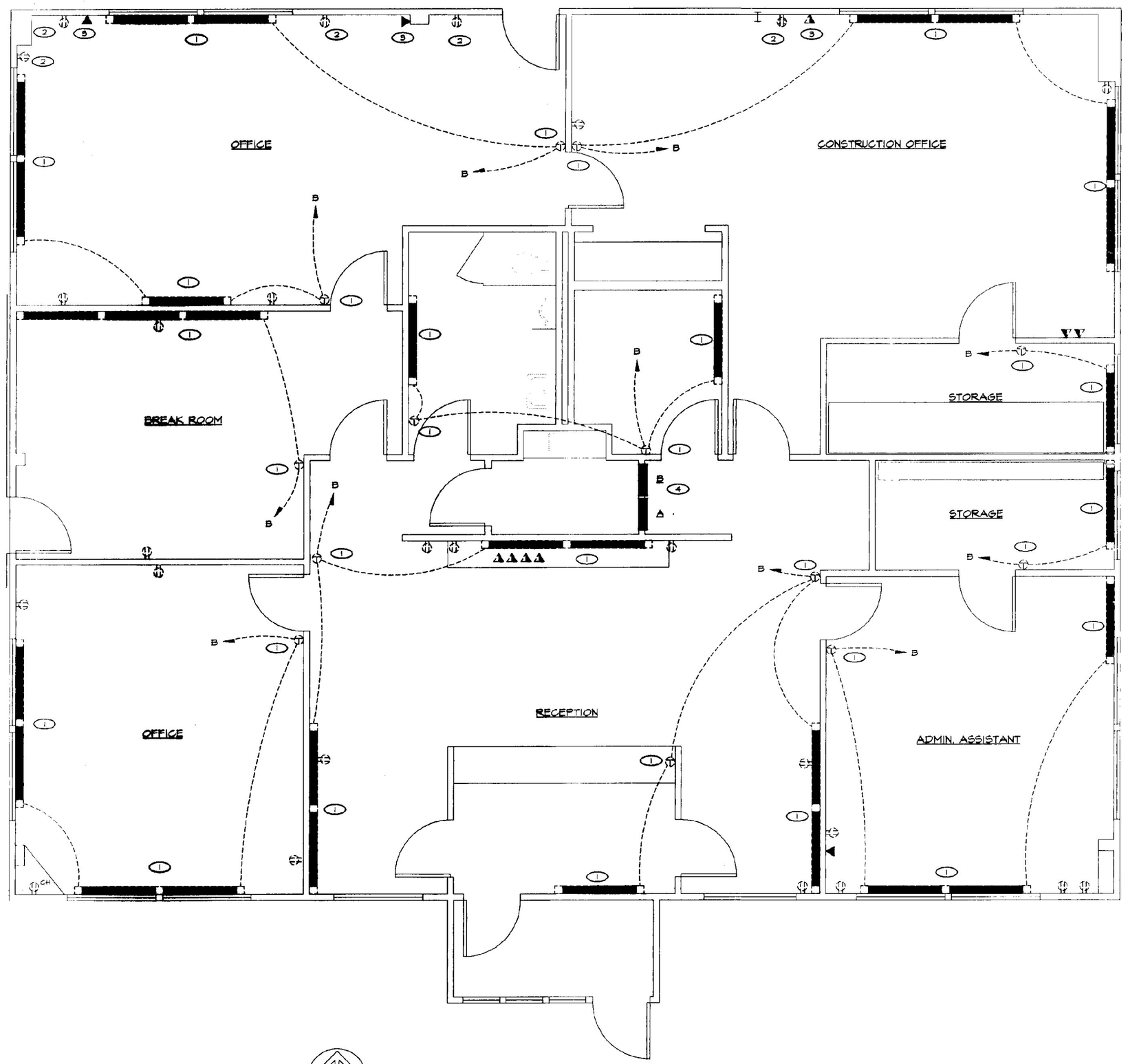

MAIN FLOOR PLAN - ELECTRICAL DEMOLITION

SCALE: 1/4"=1'-0"

ELECTRICAL LEGEND & ABBREVIATIONS

(#)a	INCANDESCENT, PL OR CIRCLINE FLUORESCENT OR H.I.D. FIXTURE, TYPE AS INDICATED. REFER TO SCHEDULE AND/OR SPECIFICATIONS. SUBSCRIPTS: a = SWITCHGROUP, NL = UNSWITCHED NIGHT LIGHT
S_a	SINGLE POLE SWITCH, MH = 4'-0" U.O.N., SUBSCRIPTS: 2 = 2 POLE, 3 = WAY, 4 = 4 WAY, D = DIMMER, V = VARIABLE SPEED, a = SWITCHGROUP
	DUPLEX RECEPTACLE, MH = 1'-6" U.O.N.
	DOUBLE DUPLEX RECEPTACLE, MH = 1'-6" U.O.N.
	BRANCH CIRCUIT WIRING.
	PANELBOARD WITH DESIGNATION, 120/240 or 120/208 VOLTS, REFER TO SCHEDULE. MH = 6'-0" TO TOP.
1/2	MOTOR WITH HORSEPOWER DESIGNATED, F= FRACTIONAL HORSEPOWER LESS THAT 1/8 HP.
S_M	TOGGLE TYPE MOTOR DISCONNECT SWITCH, HP RATED, MH = 4'-6" U.O.N. OR ON EQUIPMENT.
S_B	BURNER EMERGENCY SWITCH, REFER TO SPECIFICATIONS, MH = 4'-6" U.O.N.
R	LOW VOLTAGE CONTROL RELAY, PROVIDED BY MECHANICAL CONTRACTOR.
UH	UNIT HEATER, PROVIDED BY MECH. CONTR., WIRED BY ELECT. CONTR.
CUH	CABINET HEATER, PROVIDED BY MECH. CONTR. WIRED BY ELECT. CONTR.
T	THERMOSTAT, PROVIDED BY MECH. CONTR. 120 VAC WIRING BY ELECT. CONTR.
A	AQUASTAT, PROVIDED BY MECH. CONTR. WIRED BY ELECT. CONTR.
	PIR-O-MATIC SWITCH, CEILING MOUNTED.
OAT	OUTSIDE AIR THERMOSTAT, PROVIDED BY MECH. CONTR. WIRED BY ELECT. CONTR.
CA	MOTORIZED DAMPER, PROVIDED BY MECH. CONTR. WIRED BY ELECT. CONTR.
	TELEPHONE OUTLET, MH = 1'-6" U.O.N., SUBSCRIPT: W = WALL MOUNTED AT 5'-0".
	DATA OUTLET, MH = 1'6" U.O.N., SUBSCRIPT: W = WALL MOUNTED AT 5'-0".
	COMBINED TELEPHONE/DATA OUTLET.
	EXISTING ELECTRIC BASEBOARD RADIATION
T	DRY TYPE TRANSFORMER, PROVIDED BY MECH. CONTR. WIRED BY ELECT. CONTR.
TC	TIME CLOCK, MH = 5' - 0"
MH	MOUNTING HEIGHT TO CENTER OF OUTLET ABOVE FINISHED FLOOR OR GRADE.
U.O.N.	UNLESS OTHERWISE NOTED
WP	WEATHERPROOF, N.E.M.A. 3R, MINIMUM.
TYP	TYPICAL

NOTE:
ANY SYMBOL DRAWN DASHED INDICATES EXISTING EQUIPMENT. EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE, EXISTING EQUIPMENT SHALL REMAIN.

DRAWING NOTES (PLAN SYMBOL ①)

1. REMOVE EXISTING ELECTRIC HEATING UNITS, THERMOSTATS AND ALL WIRING.
2. RECEPTACLE IS MOUNTED AT ± 3" ABOVE FLOOR AND WIRED WITH CONDUIT BELOW THE SLAB RAISE OUTLET TO 1'-6" MH BY EITHER OF THE FOLLOWING METHODS (CONTRACTORS OPTION). -REMOVE DEVICE, WALL PLATE AND CONDUCTORS. RAISE OUTLET BOX AND EXTEND EXISTING CONDUIT AS REQUIRED. INSTALL NEW CONDUCTORS, DEVICE AND WALL PLATE. OR REMOVE DEVICE, WALL PLATE, OUTLET BOX AND CONDUCTORS. ABANDON BELOW SLAB CONDUITS. INSTALL NEW OUTLET COMPLETE WITH BOX, DEVICE, WALL PLATE AND WIRING USING MC CABLE FISHED IN WALL FROM ABOVE CEILING. PROVIDE NEW HOMERUN(S) TO PANELBOARD "A" ABOVE CEILING. FIELD VERIFY EXISTING CIRCUITS AND REPLACE IN KIND.
3. RAISE EXISTING VOICE AND/OR DATA OUTLET FROM ± 3" MH TO 1'-6" MH. CONDUCTORS ARE INSTALLED IN THE WALL FROM ABOVE THE CEILING, SHORTEN AND RE-TERMINATE AS REQUIRED.
4. REMOVE 3 @ 20A-1P CIRCUIT BREAKERS FORMERLY SERVING ELECTRIC HEATING. INSTALL 6 @ 20A-1P CIRCUIT BREAKERS FOR NEW HOME RUNS AS SHOWN ON DRAWING E2.
5. REFER TO PUMP DAY/NIGHT CONTROL SCHEMATIC ON DRAWING M2 FOR WIRING OF TIME CLOCK, NIGHT THERMOSTAT, OAT STAT AND CIRC. PUMP P-1.
6. CONNECT TO BOILER SAFETY AND OPERATING CONTROLS IN ACCORDANCE WITH THE MANUFACTURE'S INSTALLATION INSTRUCTIONS.

NO.	ISSUED FOR	DATE
4	RE-BID INCORPORATE ADDENDA	11/00
3	BIDDING	05/00
2	OWNER REVIEW 100% SUBMISSION	01/25/00
1	OWNER REVIEW	10/18/99

STATE OF VERMONT — CHARLES F. LANE — No. 4100 — REGISTERED PROFESSIONAL ENGINEER

Charles F. Lane

LANE ASSOCIATES CONSULTING ENGINEERS, P.C.

HEATING, VENTILATION, & AIR CONDITIONING, PLUMBING, FIRE PROTECTION, & ELECTRICAL

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MAIN FLOOR PLANS
ELECTRICAL DEMOLITION

A.O.T. DISTRICT NO.4 OFFICE
HEATING SYSTEM REPLACEMENT
WHITE RIVER JUNCTION, VERMONT

E
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APPR: CFL | DRAWN: WJP | SCALE: AS NOTED | PROJ. NO. 9920-01