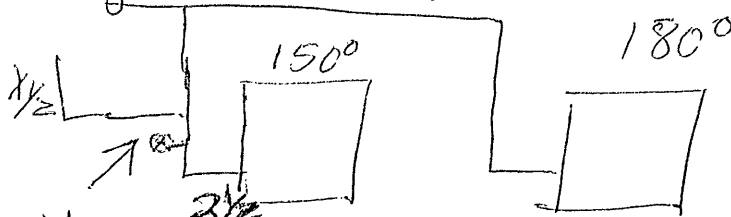


120W 160°  
B-2

17  
B-1

1-23-02  
Wads.

city hall was



turned ~~3 1/2~~ turns closed  
to send more return  
to Boiler by door

heat at AHU 130° return 150° supply  
needs to be 150° return 170° supply

- 10° O.S.  
supply  
45° mixed

62° AHU 1

72° AHU 1 was 66°

Note:  
need to take  
XYZ return and  
put into valve  
# 73 if size OK  
or repipe

B-2 needs new  
well bulb holder  
leaky on High limit

Note: Arrows wrong way on  
heat S & R AHU's

ENGINEER

CONTRACTOR  
CCI

CCI ENGINEER  
RSB

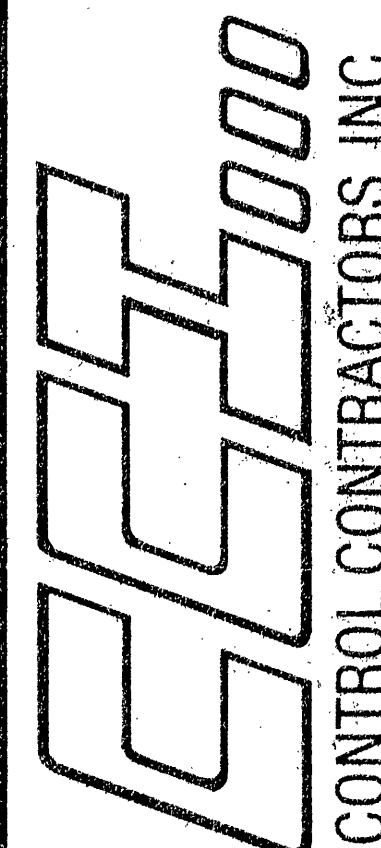
DRAFTED  
WEM

CHECKED

DATE  
1-23-90

REPRESENTING

  
WASHINGTON, ALASKA  
OREGON, CALIFORNIA

  
CONTROL CONTRACTORS, INC.

PROJECT  
NOME CITY HALL

| # | DATE    | REVISION |
|---|---------|----------|
| 1 | 1-23-90 | REVISED  |
| 2 | 3-1-90  | AS BUILT |

CCI JOB NO.  
AR-9001-EI

SHEET  
1 of 1

SEQUENCE OF OPERATIONS

Supply Fan SF-1 and SF-2 are turned on/off via existing timeclock and their respective control panel switch. SF-1 switch is S-3, SF-2 switch is S-1. Exhaust Fan EF-1 is interlocked to run whenever either supply fan runs.

Return Fan RF-1 is interlocked to run whenever SF-1 runs. Likewise, RF-2 is interlocked to run whenever SF-2 runs.

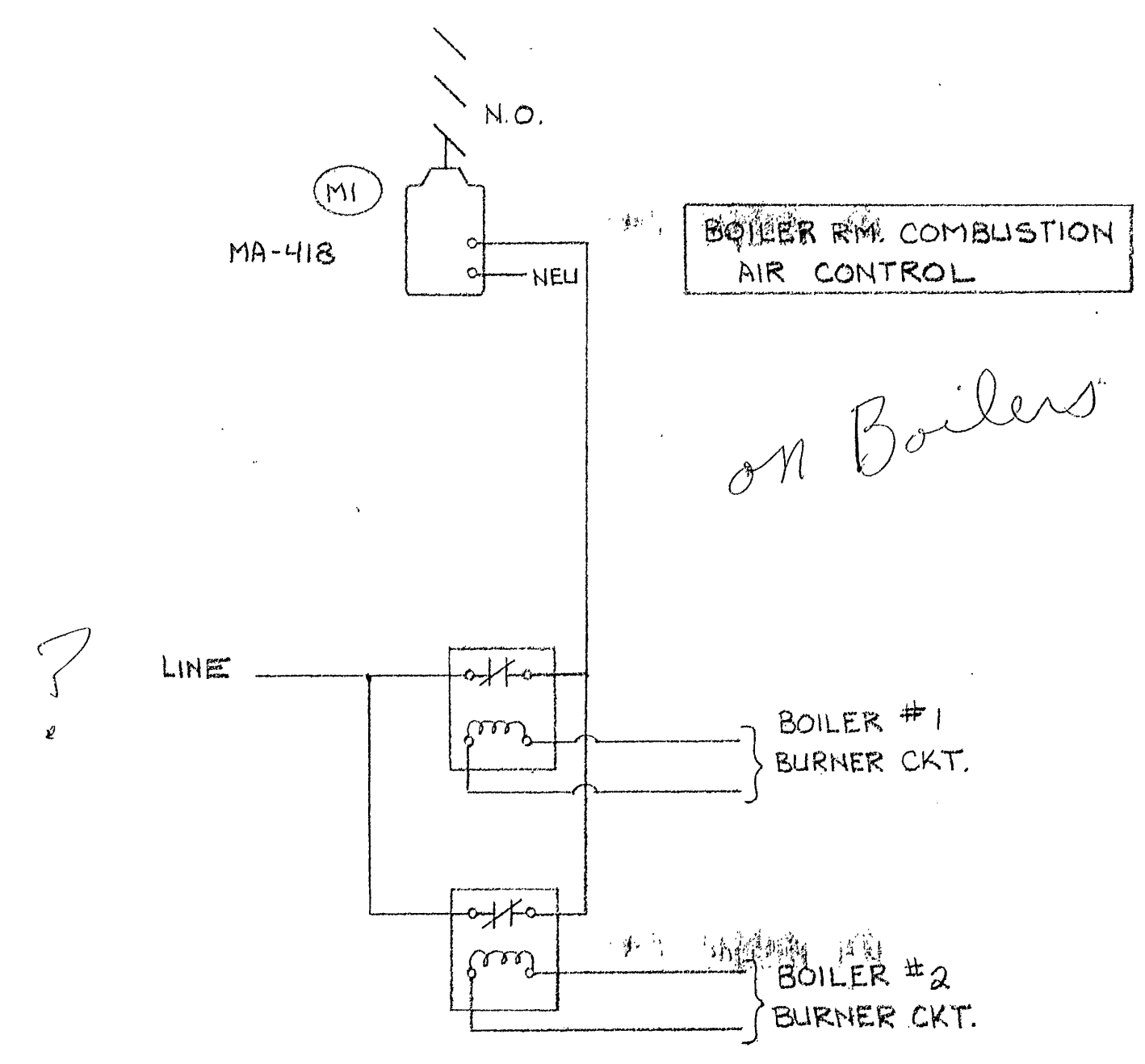
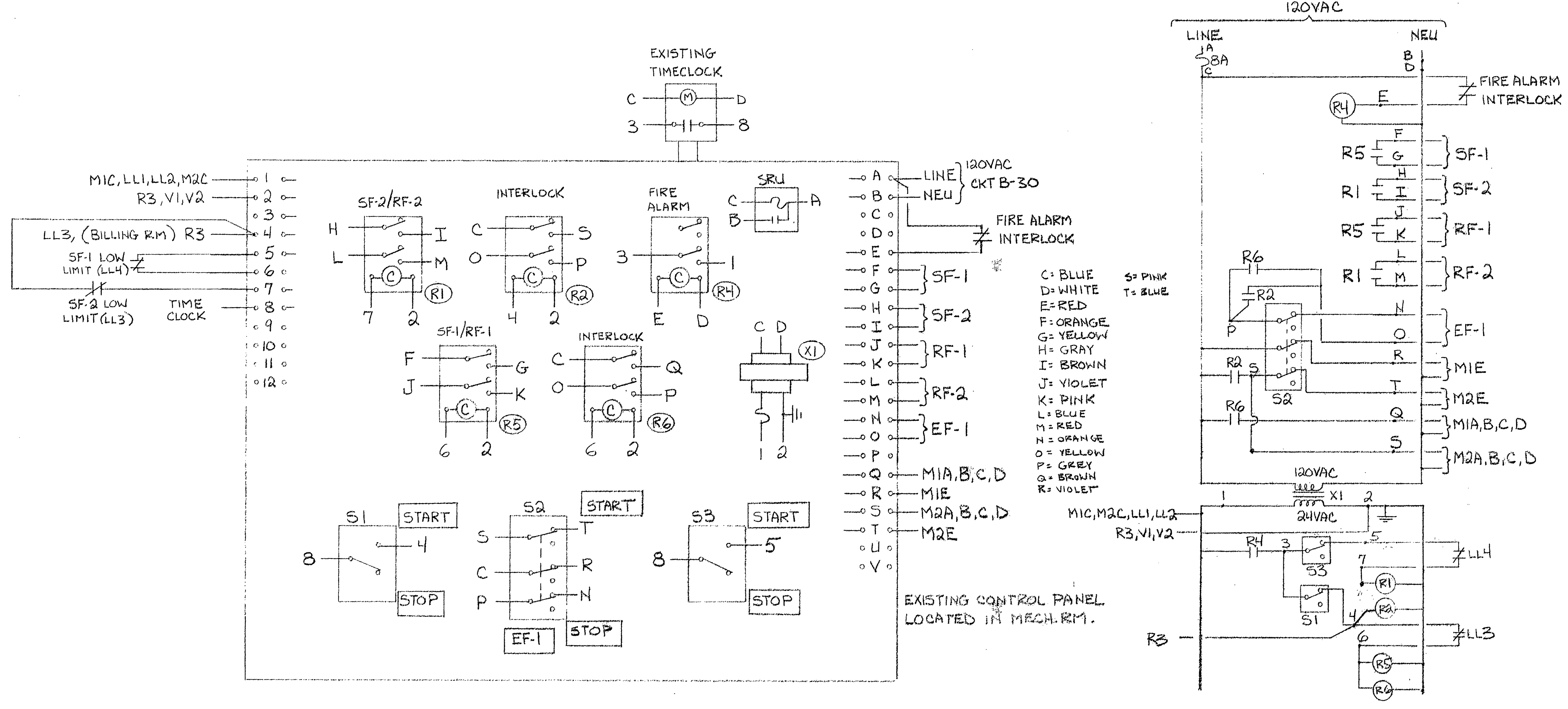
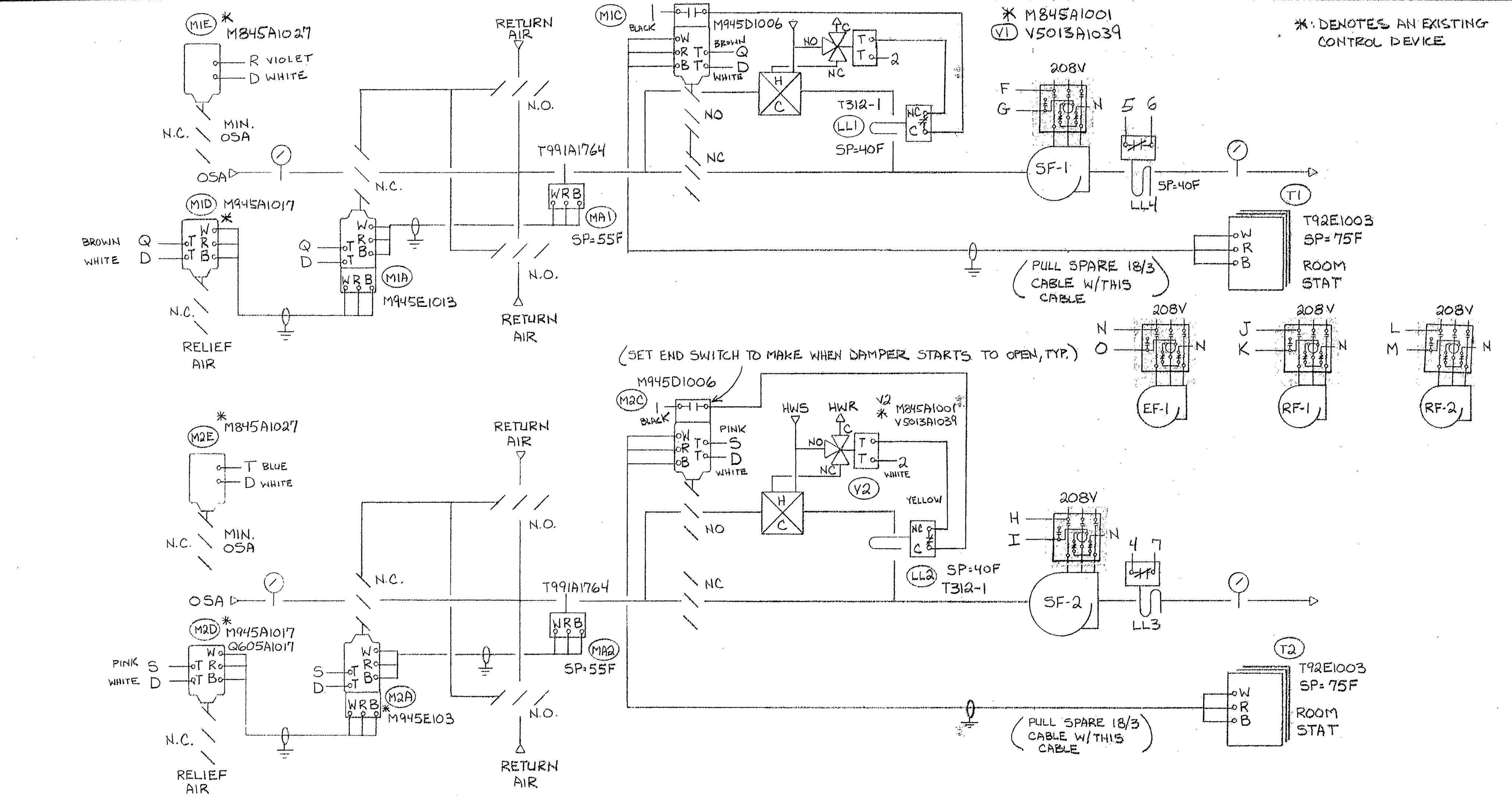
Upon Fire Alarm condition, all supply, return, and exhaust fans shut down and all control dampers and valves return to their normal positions.

Room thermostats modulate face and bypass dampers to maintain selected room setpoint, (75F). Mixed air controller modulates outside and return dampers to maintain selected setpoint, (55F).

Boiler Room Combustion Air: Damper installed normally open, damper closes when boilers are not running. Requires power to close, (fail safe).

BILL OF MATERIALS

| SYMBOL | QTY | PART#     | DESCRIPTION                |
|--------|-----|-----------|----------------------------|
| LL1,2  | 2   | T312-1    | DUCT LOW LIMIT, ROBERTSHAW |
| M1     | 1   | MA-418    | DAMPER ACTUATOR, 120VAC    |
| M1A    | 1   | M945E1013 | MODUTROL MOTOR, HONEYWELL  |
| M1C,2C | 2   | M945D1006 | MODUTROL MOTOR, HONEYWELL  |
| T1,2   | 2   | T92E1029  | THERMOSTAT, HONEYWELL      |





ENGINEER

CONTRACTOR

CCI

CCI ENGINEER

RSB

DRAFTED

WEM

CHECKED

DATE

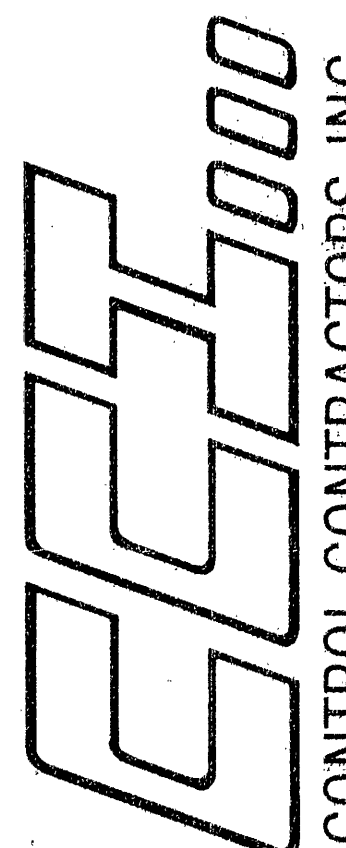
1-23-90

REPRESENTING



WASHINGTON-ALASKA

OREGON-CALIFORNIA



CONTROL CONTRACTORS, INC.

PROJECT

NOME CITY HALL

#

DATE

REVISION

1-30-79

REVISED

3-1-90

AS BUILT

CCI JOB NO.

AR-9001-EI

SHEET

1 of 1

SEQUENCE OF OPERATIONS

Supply Fan SF-1 and SF-2 are turned on/off via existing timeclock and their respective control panel switch, SF-1 switch is S-3, SF-2 switch is S-1. Exhaust Fan EF-1 is interlocked to run whenever either supply fan runs.

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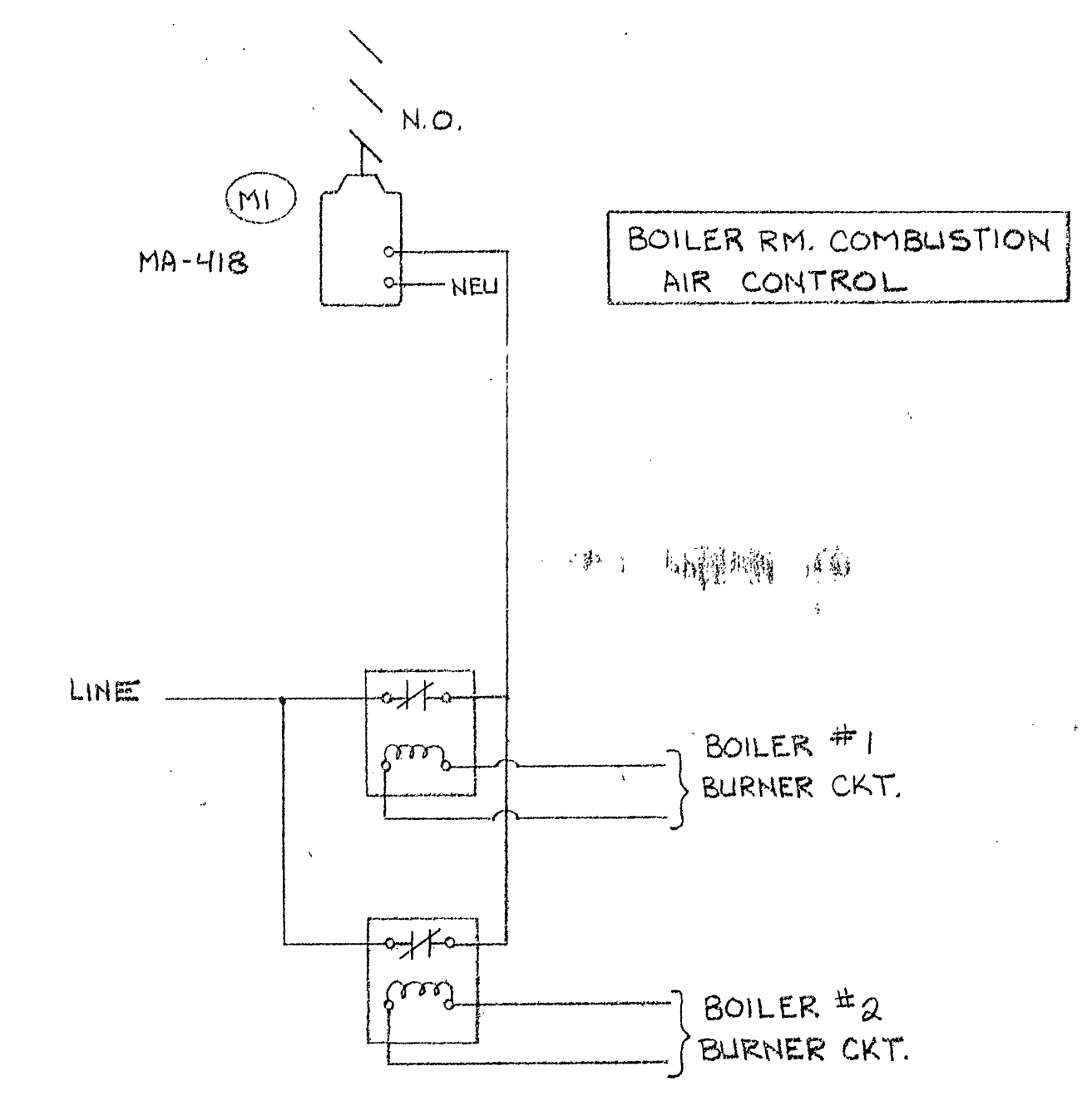
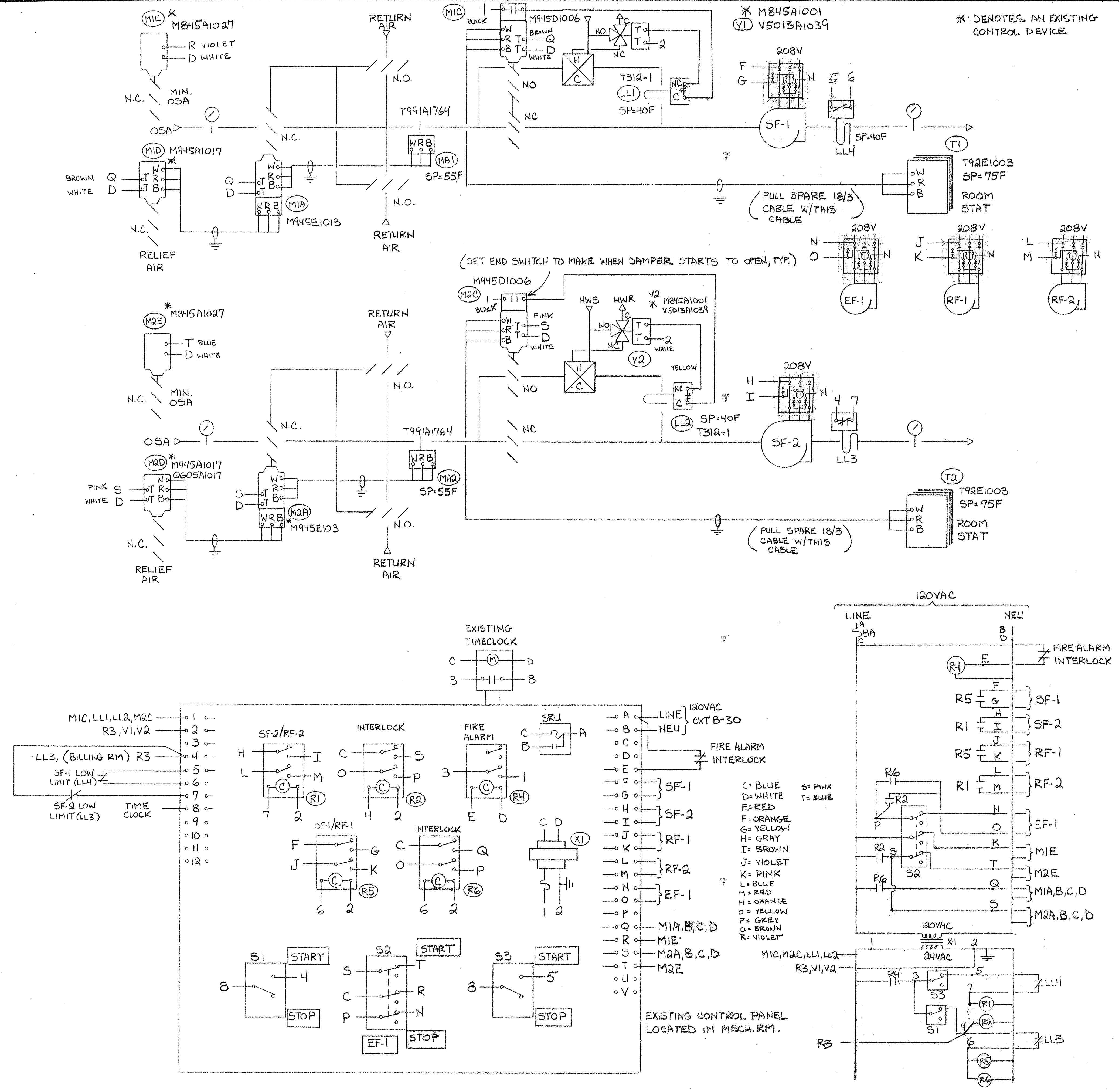
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Boiler Room Combustion Air Damper installed normally open, damper closes when boilers are not running. Requires power to close, (fail safe).

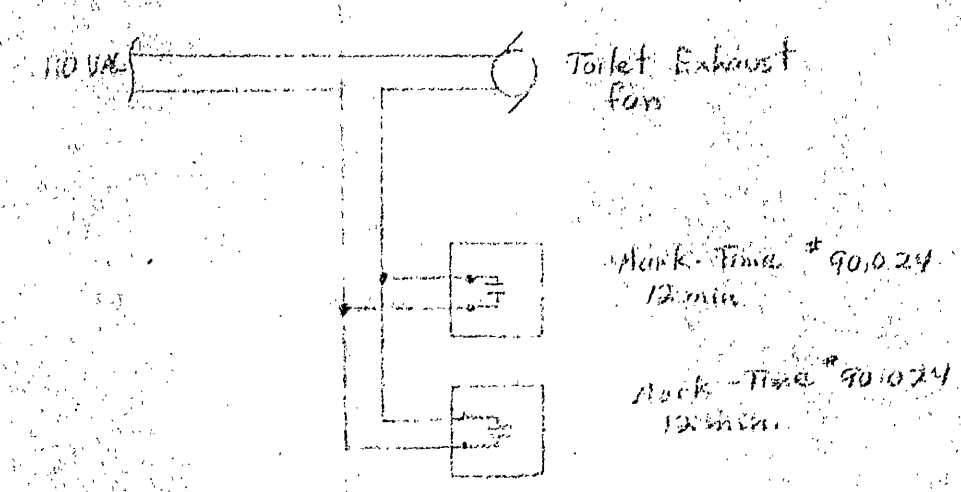
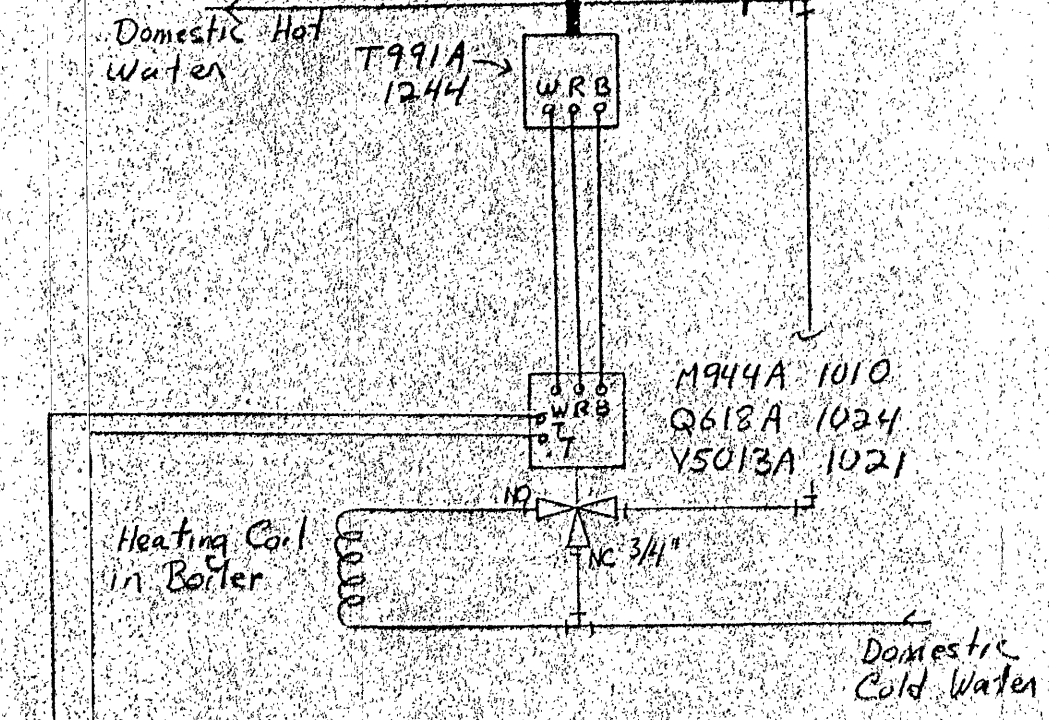
BILL OF MATERIALS

| SYMBOL | QTY | PART#     | DESCRIPTION                |
|--------|-----|-----------|----------------------------|
| LL1,2  | 2   | T312-1    | DUCT LOW LIMIT, ROBERTSHAW |
| M1     | 1   | MA-418    | DAMPER ACTUATOR, 120VAC    |
| M1A    | 1   | M945E1013 | MODUTROL MOTOR, HONEYWELL  |
| M1C,2C | 2   | M945D1006 | MODUTROL MOTOR, HONEYWELL  |
| T1,2   | 2   | T92E1029  | THERMOSTAT, HONEYWELL      |

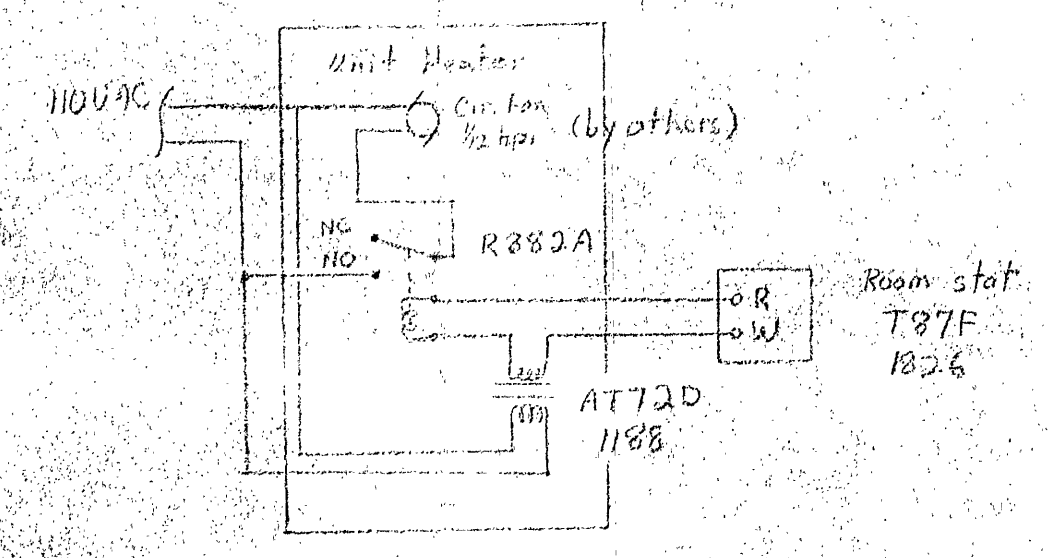




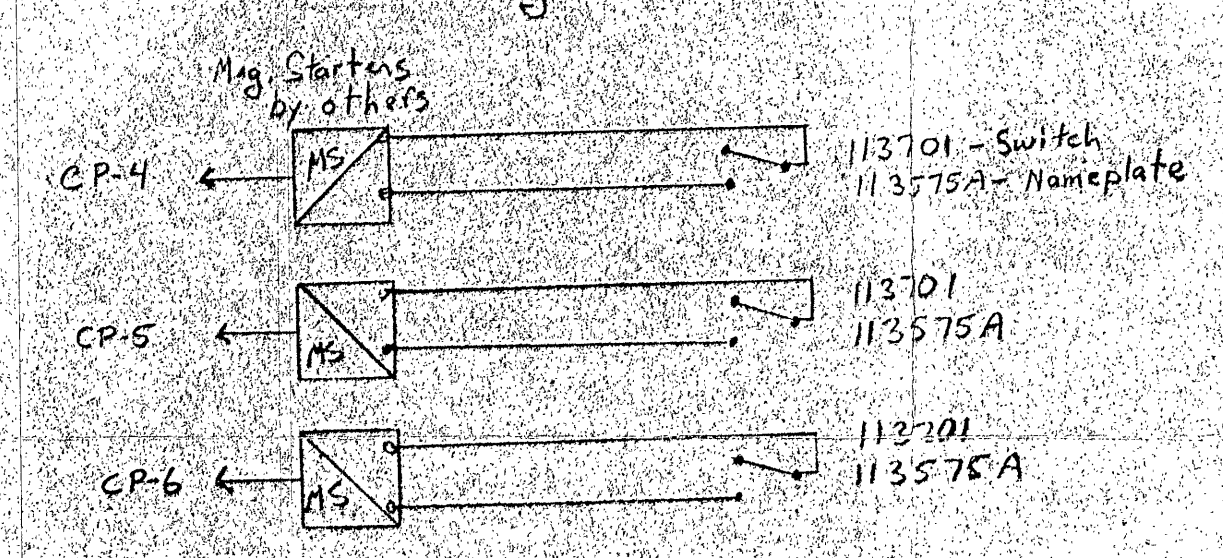
# Domestic Hot Water



## Unit Heater (typical of 4)



## Circulating Pump Control

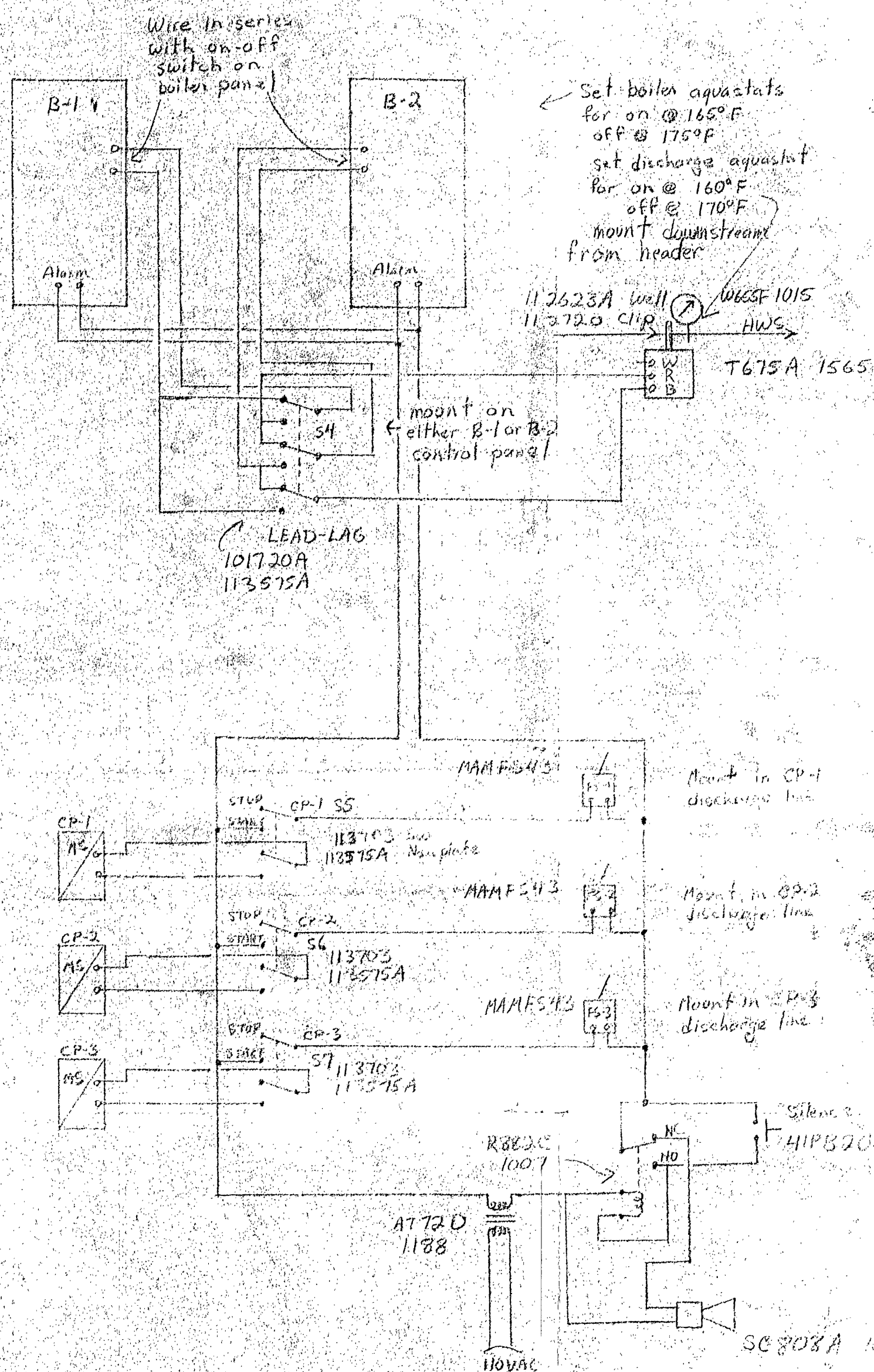


HONEYWELL

ARCHITECT:  
ENGINEER:  
CONTRACTOR:

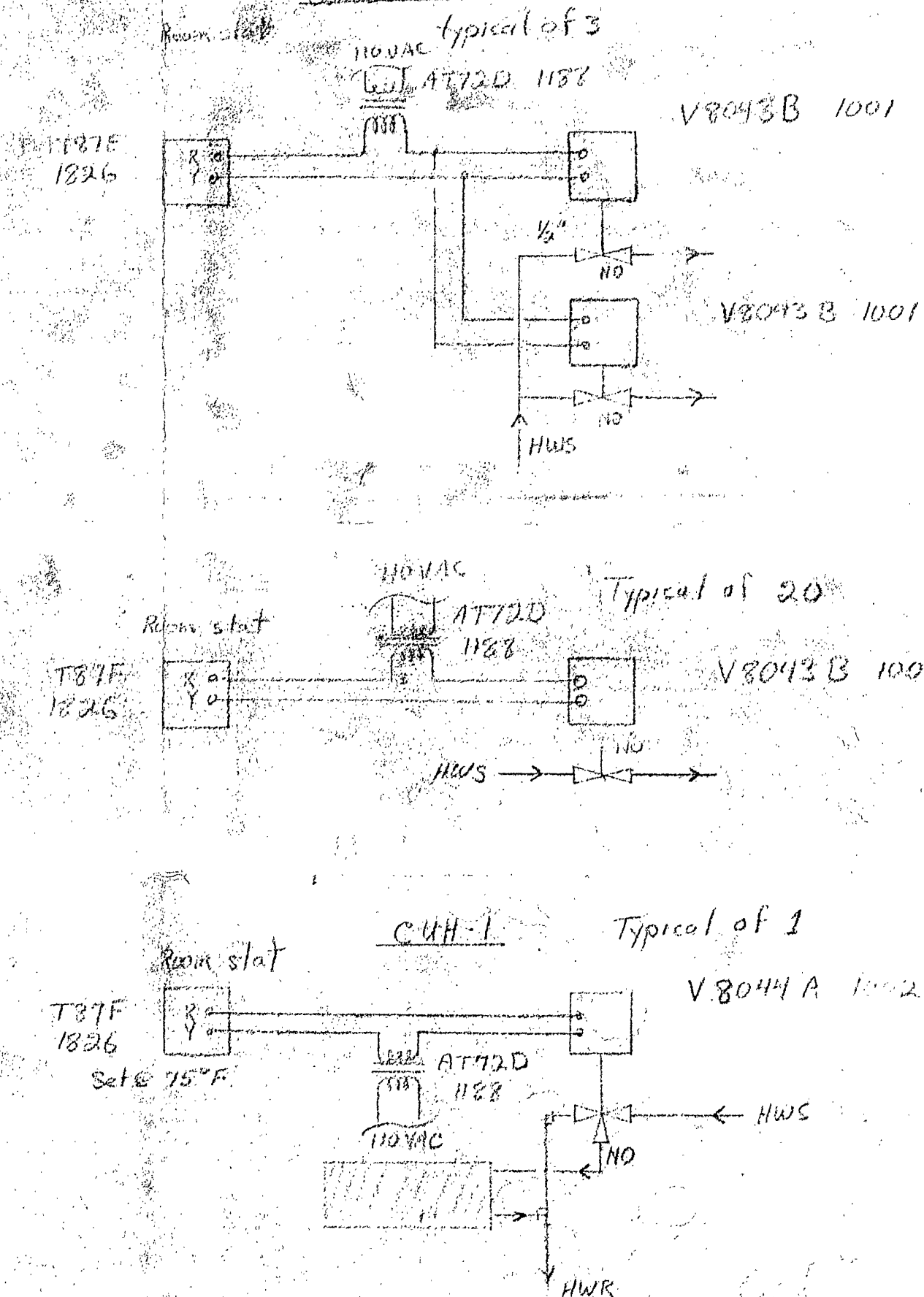
|               |  |             |              |                           |           |
|---------------|--|-------------|--------------|---------------------------|-----------|
| C             |  |             |              | ANCHORAGE                 | ALASKA    |
| B             |  |             |              |                           |           |
| A             |  |             |              | NAME                      | CITY HALL |
| REVISIONS     |  | DATE        | APPROVED     | NAME                      | ALASKA    |
| SUPERSEDES    |  | DRAWN BY    | DATE 6-28-75 | DRAWING NUMBER C981-76521 | REV       |
| SUPERSEDED BY |  | APPROVED BY |              |                           |           |

# Boiler Controls



Note: Mount S5, S6, S7, S8, and alarm horn in panel in boiler room.

## Convector Controls



HONEYWELL

ARCHITECT:  
ENGINEER:  
CONTRACTOR:

|               |              |              |                |                   |
|---------------|--------------|--------------|----------------|-------------------|
| C             |              |              |                | ANCHORAGE, ALASKA |
| B             |              |              |                | NOME CITY HALL    |
| A             |              |              |                | NOME, ALASKA      |
| REVISIONS     |              | DATE         | APPD.          |                   |
| SUPERSEDES    | DRAWN BY:    | DATE         | DRAWING NUMBER | REV.              |
| SUPERSEDED BY | APPROVED BY: | SHEET 2 OF 2 | 984-76521      |                   |