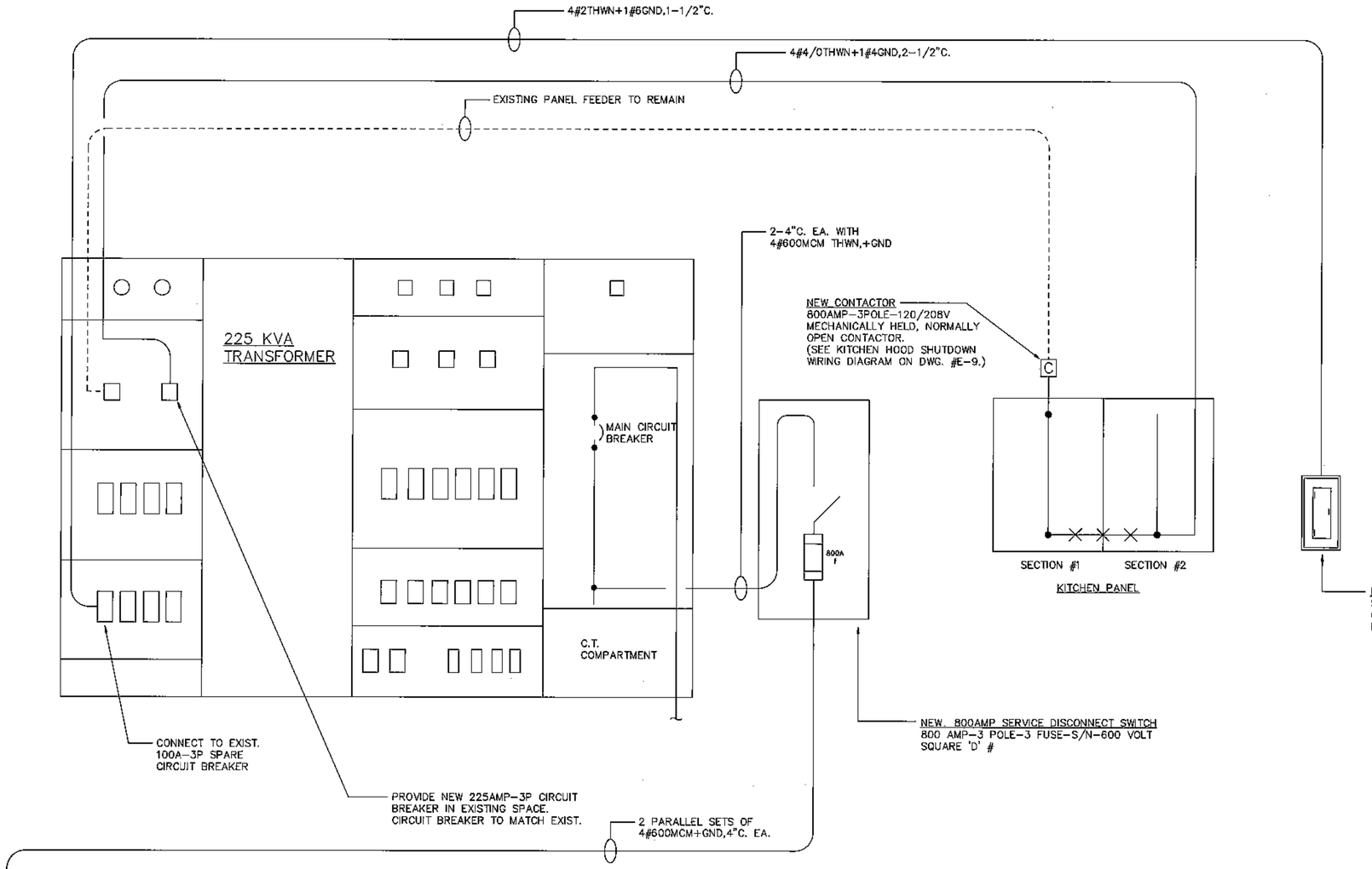



## MAIN POWER RISER DIAGRAM

N.T.S.

## ELECTRIC PANEL SCHEDULE

DESIGNATION: "LVCAF" LOCATION: STORAGE #69 MOUNTING: SURFACE PANEL TYPE: NQOD MIN. A.I.C.: 10,000 MAIN: M.L.O. RATING: 225A.
VOLTAGE: 120/208 PHASE: 3 WIRE: 4 CONNECTED LOAD: 6.6KW FEEDER SIZE: 4#2THWN+1#6GND,1-1/2"C SOURCE: EXIST. SWBD. #1 FEEDER PROTECTION: 100AMP-3P

| CIR. NO. | CIRCUIT DESCRIPTION | VOLTS | PH | LOAD HP | LOAD KW | CIR BRKR AMPS | CIR BRKR POLE | BRANCH CIRCUIT WIRE/CABLE | BRANCH CIRCUIT CONDUIT | PH CON | PH CON | CIR. NO. | CIRCUIT DESCRIPTION | VOLTS | PH | LOAD HP | LOAD KW | CIR BRKR AMPS | CIR BRKR POLE | BRANCH CIRCUIT WIRE/CABLE | BRANCH CIRCUIT CONDUIT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | EXH. FAN #31&38 | 120 | 1 | 2@60W | .12 | 20A. | 1 | 2#12+GND | 3/4" | A | A | 2 | RECEPT.-GIFTED #85 | 120 | 1 | | .80 | 20A. | 1 | 2#12+GND | 3/4" |
| 3 | EXH. FAN #22 | 120 | 1 | 1/4 | .50 | 20A. | 1 | 2#12+GND | 3/4" | B | B | 4 | RECEPT.-MUSIC ROOM #84 | 120 | 1 | | .80 | 20A. | 1 | 2#12+GND | 3/4" |
| 5 | EXH. FAN #23 | 120 | 1 | 1/4 | .50 | 20A. | 1 | 2#12+GND | 3/4" | C | C | 6 | EXH. FAN #32 | 120 | 1 | 1/6 | .50 | 20A. | 1 | 3#12+GND | 3/4" |
| 7 | COND. PUMP #2 | 120 | 1 | | .50 | 20A. | 1 | 2#12+GND | 3/4" | A | A | 8 | AIR COND. UNIT #2 | 120 | 1 | | .50 | 20A. | 1 | 2#12+GND | 3/4" |
| 9 | CONDENSING UNIT #1 | 208 | 3 | | 3.0 | 20A. | 2 | 2#12+GND | 3/4" | B | B | 10 | COND. UNIT #2 | 120 | 1 | | 2.0 | 30A. | 1 | 2#10+GND | 3/4" |
| 11 | | | | | | | | | | | C | 12 | SPARE | 120 | 1 | | | 20A. | 1 | | |
| 13 | AC UNIT #1 | 120 | 1 | | .5 | 20A. | 1 | 2#12+GND | 3/4" | A | A | 14 | SPARE | 120 | 1 | | | 20A. | 1 | | |
| 15 | COND. PUMP #2 | 120 | 1 | | .5 | 20A. | 1 | 2#12+GND | 3/4" | B | B | 16 | SPARE | 120 | 1 | | | 20A. | 1 | | |
| 17 | SPARE | 120 | 1 | | | 20A. | 1 | | | C | C | 18 | SPARE | 120 | 1 | | | 20A. | 1 | | |
| 19 | SPARE | 120 | 1 | | | 20A. | 1 | | | A | A | 20 | SPACE & BUSSING | 120 | 1 | | | | 1 | | |
| 21 | SPARE | 120 | 1 | | | 20A. | 1 | | | B | B | 22 | SPACE & BUSSING | 120 | 1 | | | | 1 | | |
| 23 | SPACE & BUSSING | 120 | 1 | | | | 1 | | | C | C | 24 | SPACE & BUSSING | 120 | 1 | | | | 1 | | |
| 25 | SPACE & BUSSING | 120 | 1 | | | | 1 | | | A | A | 26 | SPACE & BUSSING | 120 | 1 | | | | 1 | | |
| 27 | SPACE & BUSSING | 120 | 1 | | | | 1 | | | B | B | 28 | SPACE & BUSSING | 120 | 1 | | | | 1 | | |
| 29 | SPACE & BUSSING | 120 | 1 | | | | 1 | | | C | C | 30 | SPACE & BUSSING | 120 | 1 | | | | 1 | | |


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ALTERATIONS AND ADDITIONS TO :
BOLTON ELEMENTARY SCHOOL
NOTCH ROAD
BOLTON, CONNECTICUT

DRAWING TITLE
ELECTRICAL POWER RISER DIAGRAM

SCALE AS NOTED DATE 8/19/92

E-14

DRAWING 87 OF 89