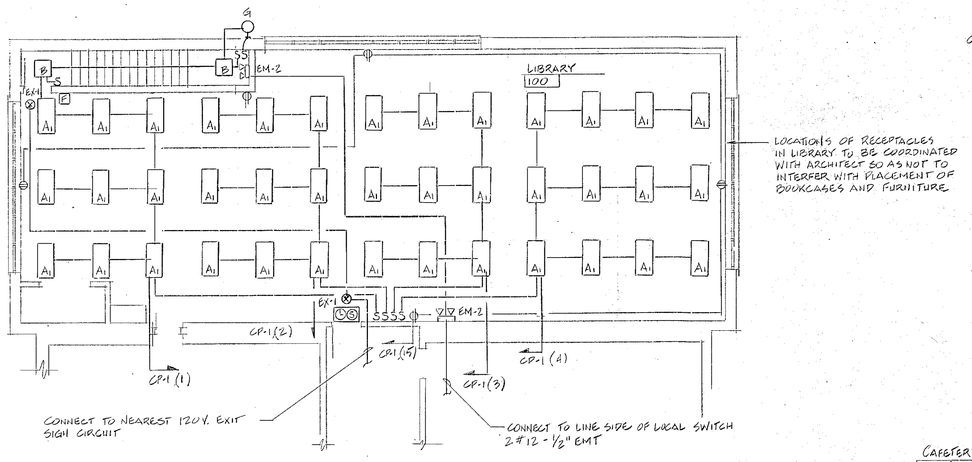
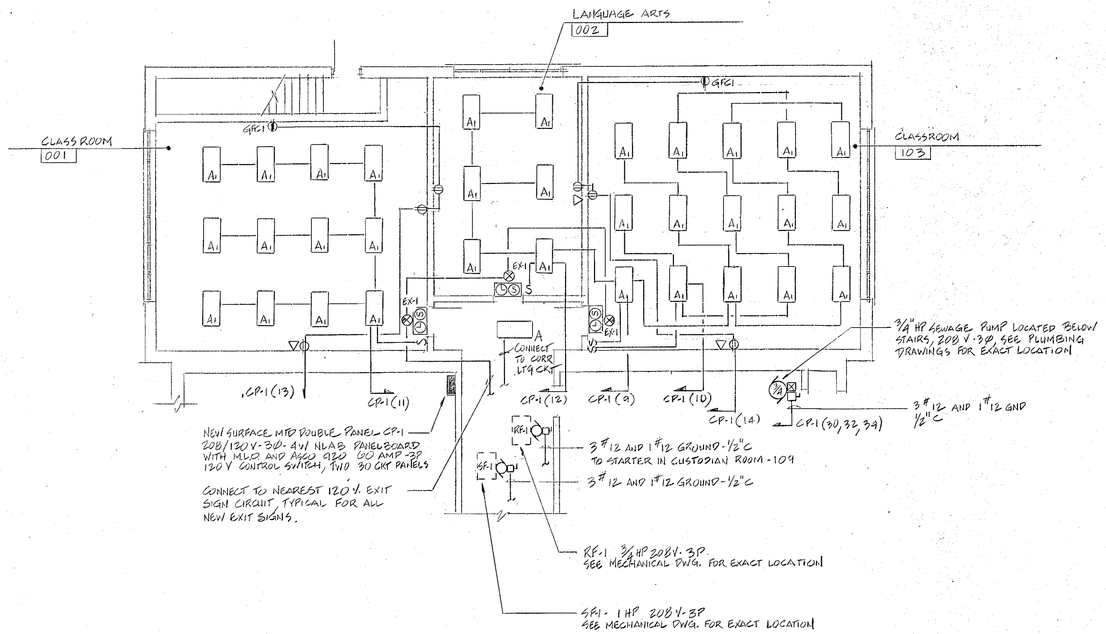


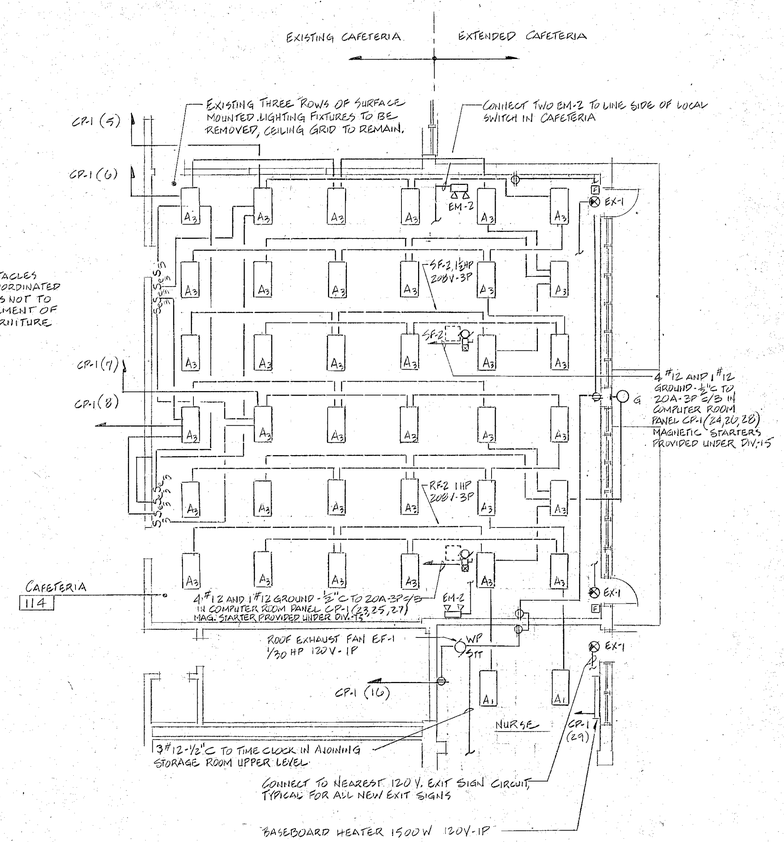
LIBRARY FLOOR PLAN - UPPER LEVEL

1/8" = 1'-0"



CLASSROOM ADDITION FLOOR PLAN - LOWER LEVEL

1/8" = 1'-0"



CAFETERIA FLOOR PLAN

1/8" = 1'-0"

COMPUTER ROOM POWER PANEL

PANEL "CP-1"

SHALL BE DOUBLE PANEL 225 AMP 208/120V-3Φ-4W SURFACE MOUNTED NLAB PANELBOARD WITH M.L.O. AND ASCO 920 60 AMP-3P 120V CONTROL SWITCH.

FEEDER SIZE 4#3/0-2"C

BRANCH CIRCUITS SHALL BE:

CONSTANT BUS:
- 10 20A-1P C/B
- 1 20A-2P C/B
- 5 20A-3P C/B
- 9 20A-1P C/B SPARES
- 4 BLANK SPACES WITH BUS BARS

CONTACTOR LOAD SIDE:
- 12 20A-1P C/B SPARES
- 2 BLANK SPACES WITH BUS BARS

ALL CIRCUITS #12 AWG-1/2"C UNLESS OTHERWISE NOTED, PROVIDE GROUND BUS BAR.

GENERAL NOTES

1. In areas where new lighting fixtures replace existing lighting fixtures, as shown or indicated on the drawings, all existing lighting fixtures shall be disconnected and removed along with lamps, junction boxes, fittings, flexible cords and cables, connectors, etc.
2. All equipment that is scheduled for demolition and removal shall be removed from the premises by the Contractor and properly disposed of.
3. All new lighting fixtures shall be rewired with new THNN minimum size #12 AWG wire, using existing raceways. New wiring shall be run back to each circuit breaker and local wall switch serving lighting fixtures. Local lighting switches shall be replaced with new 20 amp rated device.
4. Each classroom shall be rewired to local wall switches (using existing raceway) with a minimum of two switches per room. Lighting fixtures shall have a maximum load capacity not to exceed 1800 watts per 20 amp single pole circuit breaker.
5. Existing corridor ceiling smoke detectors and sound speakers to be removed and replaced in approximately same location. Devices to be cleaned and adjusted before reinstalling. Extend new wire and conduit as required.
6. Quantity of existing fixtures as shown or indicated on the drawings is approximate and should not be taken as total or final count.
7. When connecting new circuit breakers to existing distribution panelboard, care shall be taken to match new circuit breakers with existing. Provide all bus bars, bus bar connections, lugs, brackets, and hardware as required.
8. Typical arrangement of classroom lighting fixture switches shall be such that every other lighting fixture shall be separately controlled by local wall switch. Each room shall have a minimum of two wall switches.
9. Whenever existing wiring is to be reused or reenergized, Contractor shall take all necessary precautions. All wiring shall be visibly inspected for nicks, cuts, breaks, abrasions and short circuits, and shall be tested for dielectric properties.
10. All existing fire alarm pull stations shall be disconnected, removed, and replaced with new manual pull stations. SEE SPECIFICATION.

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STATE PROJECT # 034-89-115 EA

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DANBURY SCHOOLS REORGANIZATION
CITY OF DANBURY

PARK AVENUE ELEMENTARY

DANBURY CONNECTICUT

ELECTRICAL PART PLANS, PANEL SCHEDULE GENERAL NOTES

CHECKED BY	SCALE AS NOTED	DATE 7-21-91	JOB NO. E15-3