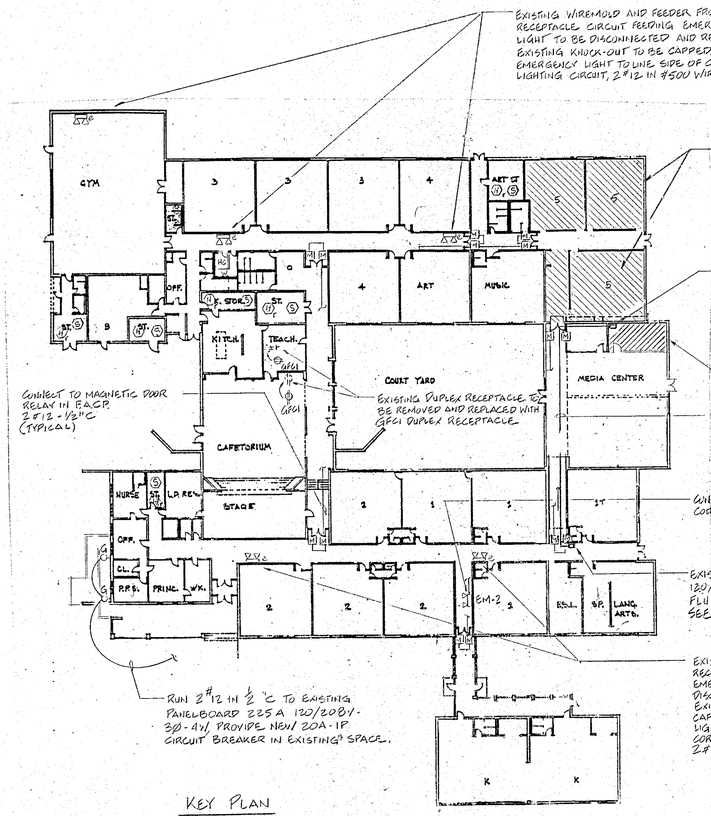
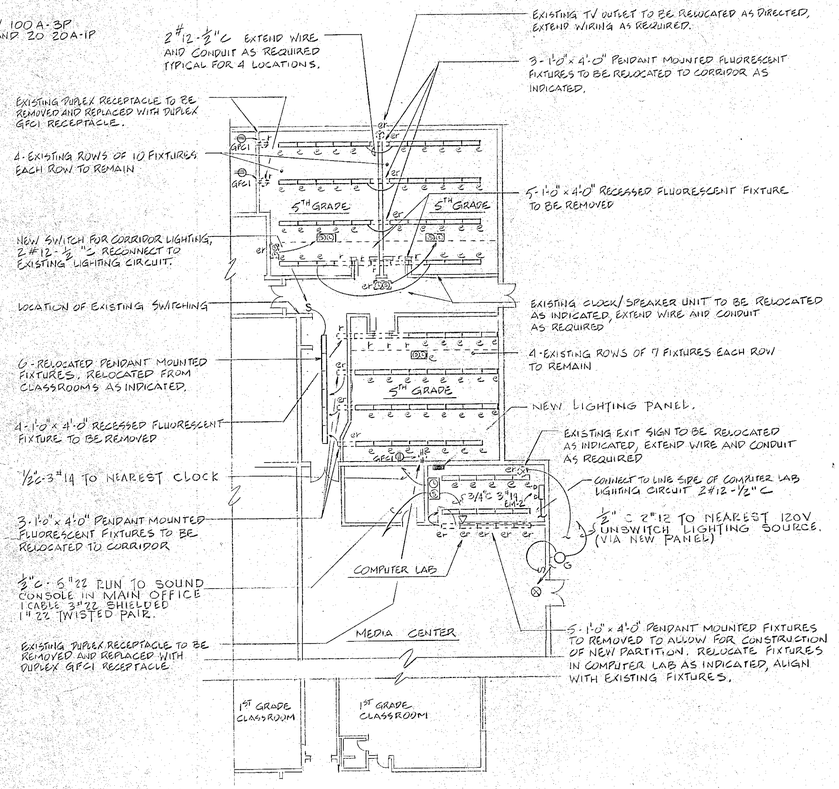


KEY PLAN

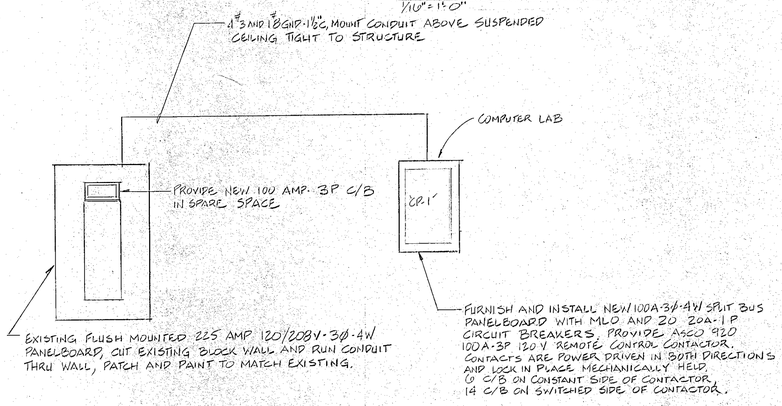
NOT TO SCALE

NOTE: MODIFY EXISTING F.A.C.P. TO INTERFACE WITH NEW MAGNETIC DOOR HOLDERS



REVISED CLASSROOM ELECTRICAL PLAN

1/16"=1'-0"



COMPUTER POWER RISER DIAGRAM

N.T.S.

FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	LAMPS NO.	LAMPS TYPE	VOLT	REMARKS
G	LITHONIA	TWP 70 SPEK	1	70W HPS	120	HID WALL PAKS WITH PHOTOELECTRIC CONTROL
EM-2	LITHONIA	ELU-2PN	2	N0800 8W	120	2 LAMP SELF CONTAINED EMERGENCY LIGHT FIXTURE 6 V., 1.5 HOURS.

SYMBOL LEGEND

SYMBOL	DESCRIPTION
▭	1'-0"x4'-0" FLUORESCENT LIGHTING FIXTURE
○ HO	LIGHTING FIXTURE
▽▽	EMERGENCY LIGHTING FIXTURE
⊗	SINGLE FACE EXIT SIGN
(S)	SMOKE DETECTOR
◁	SOUND SYSTEM HANDSET
(CS)	CLOCK AND SPEAKER PANEL
▭	PANELBOARD
(H)	HEAT DETECTOR
M	MAGNETIC DOOR HOLDER
S	SINGLE POLE SWITCH
S_3	THREE WAY SWITCH
S_M	REMOTE CONTROL SWITCH
e	'e' DESIGNATES EXISTING TO REMAIN
er	'er' DESIGNATES EXISTING TO BE RELOCATED.
r	'r' DESIGNATES EXISTING TO BE REMOVED
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
⏀	DUPLEX RECEPTACLE

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 THHN 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 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 FLUORESCENT LIGHTING FIXTURES SHOWN TO BE RELOCATED, SHALL BE INSTALLED WITH NEW ELECTRONIC BALLASTS & NEW LAMPS.

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STATE PROJECT #034-89-113-A

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CITY OF DANBURY
SHELTER ROCK ELEMENTARY
DANBURY, CONNECTICUT

KEY PLAN, POWER RISER, FIXTURE SCHEDULE, LEGEND, FLOOR PLAN.

E13-1

CHECKED BY | SCALE NOTED | DATE: MAY 8, 1991 | NO.