SCHEDULE OF SYMBOLS

F-1 / F-2	FLUORESCENT LIGHTING FIXTURE, APPROXIMATELY TO SCALE. LETTER AND NUMBER INSIDE INDICATES FIXTURE TYPE. CIRCLE (WHEN SHOWN) INDICATES OUTLET BOX. LOWER CASE LETTER INDICATES SWITCH WHICH SWITCH FIXTURE IS CONTROLLED BY.
K-1	INCANDESCENT LIGHTING FIXTURE. LETTER "K" AND NUMBER INDICATES FIXTURE TYPE. LOWER CASE LETTER INDICATES SWITCH (IN SAME ROOM OR AREA) THAT FIXTURE IS CONTROLLED BY.
	WALL MOUNTED INCANDESCENT FIXTURE
	EXIT LIGHT, CEILING OR WALL MOUNTED AS INDICATED. LINE INDICATES FACE. LINE WITH HEADS INDICATES FACE AND DIRECTIONAL ARROW.
	CLOCK
S	LOUDSPEAKER - RECESSED IN CEILING.
LPS-4	LIGHTING SWITCH - SINGLE POLE - AND SWITCHES. LOWER CASE LETTER SHOWS LIGHTING FIXTURE ASSOCIATION. CIRCUIT NO. SHOWN AS NOTED IN EXAMPLE.
	3-WAY LIGHTING SWITCH
60"	KEY OPERATED SWITCH - DENOTED BY LETTER "K" MANUAL STARTER SUCH AS ALLEN-BRADLEY "600-TG" 183 WITH PILOT LIGHT AND OVERLOAD TRIP TO SUIT MOTOR ACTUALLY INSTALLED. MOUNTED FLUSH UNLESS OTHERWISE NOTED OR PERMITTED.
	MANUAL FIRE ALARM STATION
	FIRE ALARM HORN
	"PUSH TO TALK" PRIVACY SWITCH - SOUND SYSTEM
	BELL
	MOTOR
	MOTOR CONTROLLER, MAGNETIC. ⊠ = COMBINATION TYPE.
	DISCONNECT SWITCH, RATED IN HORSEPOWER TO SUIT ASSOCIATED MOTOR, OR AS NOTED.
	COMBINATION TELEVISION ANTENNA OUTLET AND DUPLEX RECEPTACLE WITH CONNECTION DEVICE TO MATCH EXISTING, WITH CABLE TO NEAREST SOURCE. SEE DETAIL "A", THIS SHEET.
WP	ITEMS SO MARKED SHALL BE WEATHER-PROOF.
	TELEPHONE OUTLET
	DUPLEX GROUNDING RECEPTACLE
	PANELBOARD AS DESIGNATED.
	WALL MOUNTED SPEAKER.

"DOTTED" ITEMS ARE EXISTING.

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURE	HOW MOUNTED	NO. OF LAMPS	KIND OF LAMP	REMARKS
F-1	COLUMBIA FRH-T8-24-465-M-37 #2250	RECESSED	4	F40 CW	24" x 48" TROFFER FOR EXPOSED "T-BAR" CEILING. HOLOPHANE #2250 LENS.
	SMITHCRAFT 2SHR2-40 DAYBRITE 4S21-232-4				
F-2	COLUMBIA FRH-T8-24-340-M37-EISD	RECESSED	3	F40 CW	SAME AS F-1 EXCEPT FOR NUMBER OF LAMPS.
	SMITHCRAFT 3SHR2-40 DAYBRITE 4S21-232-4				
F-3	COLUMBIA FRH-T8-48-340-R3-M-EI	RECESSED	2	F40 CW	12" x 48" FLANGED TROFFER FOR CEILING SPECIFIED, WITH HOLOPHANE #2150 LENS.
	SMITHCRAFT 1FHR2-40 DAYBRITE 4F21-232-4				
F-4	COLUMBIA FRH-T8-340-M37-EISD	RECESSED	2	F40 CW	12" x 48" TROFFER FOR EXPOSED "T-BAR" CEILING. HOLOPHANE #2150 LENS.
	SMITHCRAFT 1SHR2-40 DAYBRITE 4S21-232-4				
F-5	MILLER 1C-2101-04 EVERTS-ELECTRO. P10240 BENJAMIN PL-1024-4	SUSPENDED ON 3" STEMS	2	F40 CW	FLUORESCENT "RLM" WITH PORCELAIN REFLECTOR.
K-1	MOLDCAST A-70 MARCO 13-T207 PERFECLITE P-21-1	RECESSED	1	100W A-21	RECESSED, FOR PLASTER CEILING. APPROXIMATELY 12" SQUARE. FLAT LENS
K-2	MOLDCAST V-61-HS MARCO 0-413-A74-HS	RECESSED	1	150W A-23	RECESSED WEATHERPROOF SQUARE WITH IMPACT RESISTING FLAT LENS
K-3	MARCO B-275 VT MCPHILBEN 9-31B	WALL SURFACE	1	150W A-23	EXTERIOR WEATHERPROOF WALL FIXTURE WITH ASYMMETRIC DISTRIBUTION. ENCLOSURE & GASKET
K-4	SPERO 314-08 MILLER AE-9011 STEGER RU-314-RVO	ON OUTLET BOX	1	150 W. A-23	INCANDESCENT STANDARD DOME RLM. FOR OUTLET BOX MOUNTING.
K-5	HOLOPHANE #754	ON WALL JUST BELOW ROOF.	1	400 W. H33-1G/UVE MERCURY	EXTERIOR FLOODLIGHT, WITH CONSTANT WATTAGE BALLAST FOR 120 VOLTS. ASYMMETRIC DISTRIBUTION.
K-6	SAME AS THOSE IN EXISTING CORRIDORS. (SUNBEAM 60101-07 - VERIFY)	RECESSED	1	150 W. A-23	RECESSED. 12" SQUARE.

ALL FIXTURES SHALL BE SUITABLE FOR MOUNTING IN OR ON THE CEILING ACTUALLY INSTALLED, WITH ALL NECESSARY ACCESSORIES. CATALOG NUMBERS SHALL BE REVISED IF NECESSARY TO PROVIDE FOR MOUNTING METHOD REQUIRED.

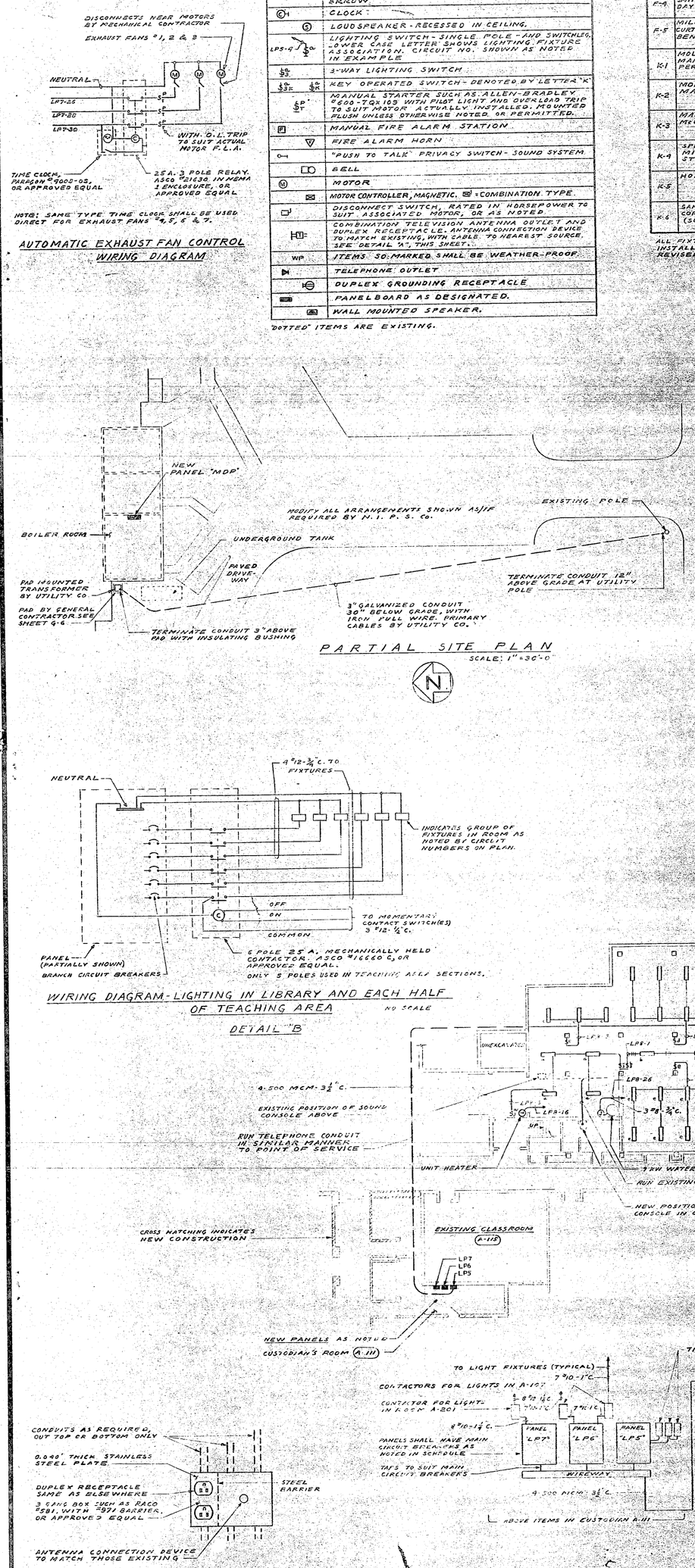
PANEL SCHEDULE

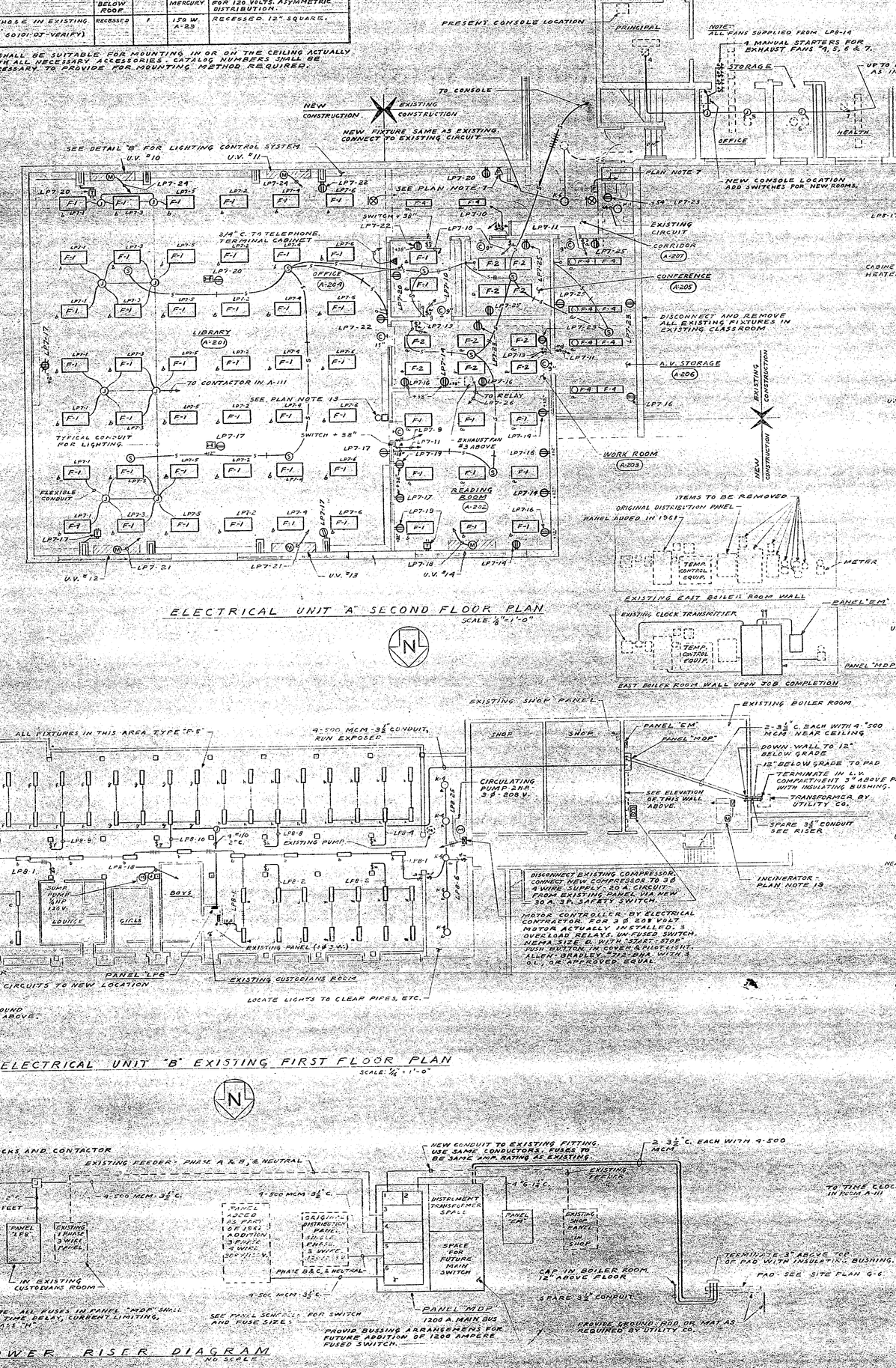
MARK AND TYPE	SURFACE OR FLUSH	AMPERE RATING OF BUSSES (VOLT - C.S.)	3 2 4 W. 208/120 208/12	CIRCUIT NUMBERS	NO OF POLES	TRIP AMPS OR FUSE	TYPE OF SWITCH OR UNIT	REMARKS
"LPS" HL42	SURFACE	225	YES	1-35 39-42	1	20	EQB EQB	SPARES ONLY
"LPE" HL40	SURFACE	100	YES	1-29	1	20	EQB	
"LPT" HL38	SURFACE	225	YES	1-36	1	20	EQB	
"LPB"	SURFACE	100	YES	1-29 13 19	1	20	EQB	CIRC. PUMP #1 WATER HEATER
"EM"	SURFACE	50	YES	1-8 11-12	1	20	EQB EQB	SPARES ONLY
"MDP"	SURFACE	1200	YES	1 3 5 7 9 11 13 15 17 19	3	100A	FLC	EXISTING SHOP PANEL "EM"
					3	60	KD	EXISTING PANEL "PLE"
					3	200A	FCO	EXISTING PANEL "LPS"
					3	400	FCO	EXISTING PANEL
					3	400	FCO	EXISTING PANEL
					3	400	FCO	EXISTING PANEL

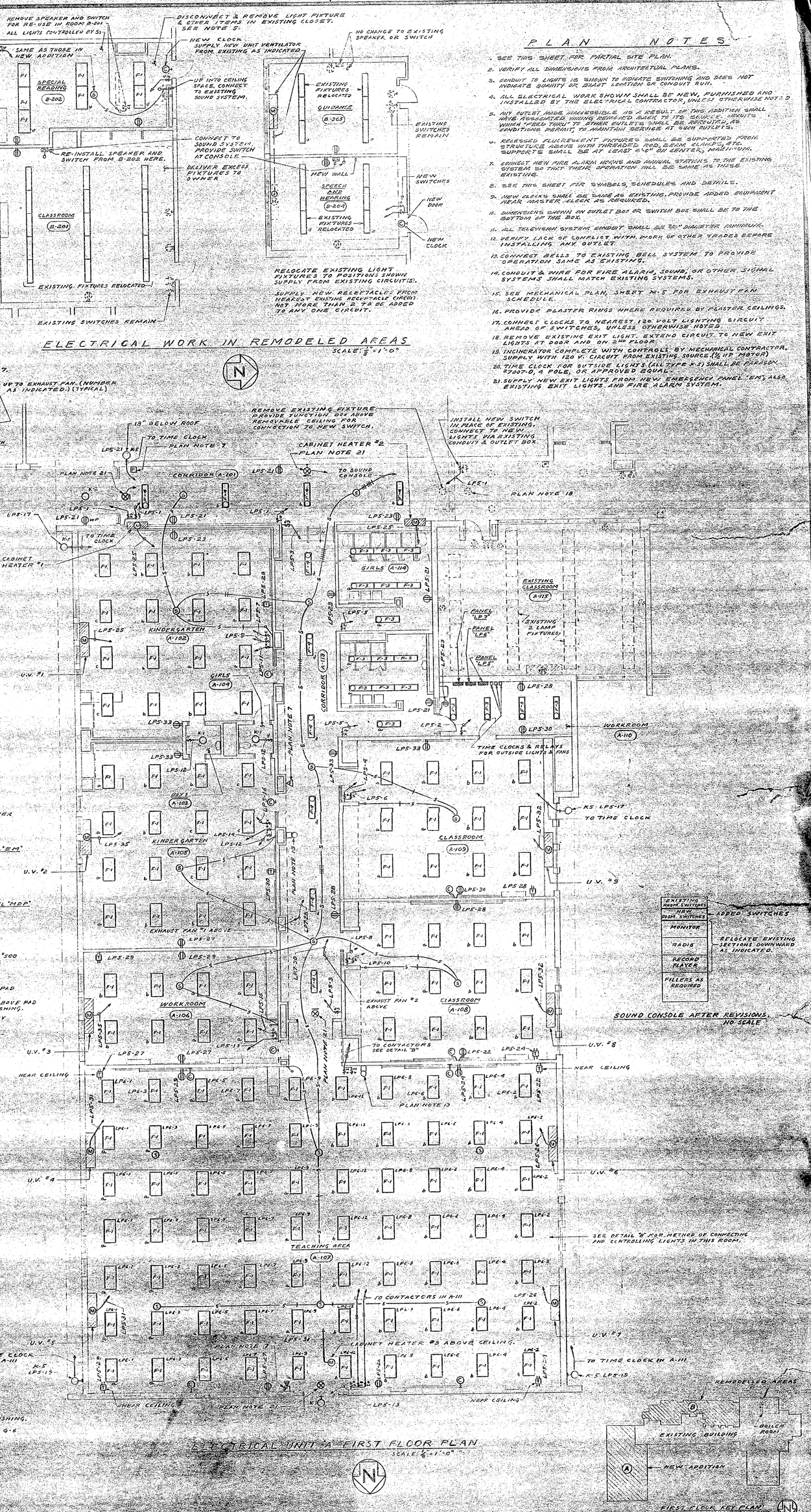
*FUSE SIZE ESTIMATED. FUSE SHALL BE COMPATIBLE WITH EXISTING FEEDERS AND PANEL BUSSES. ONLY 2 POLES SHALL BE INSTALLED FOR SINGLE PHASE LOADS. (6 POLE UNITS ARE TO PROVIDE FOR FUTURE REVISIONS.)

PLAN NOTES

1. SEE THIS SHEET FOR PARTIAL SITE PLAN.
2. VERIFY ALL DIMENSIONS FROM ARCHITECTURAL PLANS.
3. CONDUIT TO LIGHTS IS SHOWN TO INDICATE SWITCHING AND DOES NOT INDICATE QUANTITY OR EXACT LOCATION OF CONDUIT RUN.
4. ALL ELECTRICAL WORK SHOWN SHALL BE NEW, FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED.
5. ANY OUTLET MADE INACCESSIBLE AS A RESULT OF THE ADDITION SHALL HAVE RELOCATED WIRING PROVIDED TO REMAIN IN THE SAME. ABOVE WORK TO BE DONE BY OTHER CONTRACTORS, UNLESS OTHERWISE NOTED. ANY OUTLETS SHALL BE RECONNECTED AS ADVERTISING PERMITS, TO MAINTAIN SERVICE AT SAME OUTLETS.
6. EXISTING FIXTURES REMOVED AND RELOCATED SHALL BE SUPPORTED FROM STRUCTURE ABOVE WITH THREADED ROD, FROM CLAMPS ETC. SUPPORTS SHALL BE AT LEAST 1.5" ON CENTER, MINIMUM.
7. CONNECT NEW FIRE ALARM HORNS AND MANUAL STATIONS TO THE EXISTING SYSTEM SO THAT THEIR OPERATION WILL BE SAME AS THOSE EXISTING.
8. SEE THIS SHEET FOR SYMBOLS, SCHEDULES AND DETAILS.
9. NEW PANELS SHALL BE SAME AS EXISTING. PROVIDE ADDED EQUIPMENT NEAR MASTER. ALLOW 25% SPARE.
10. EXISTING SHOWN ON OUTLET BOX OR SWITCH BOX SHALL BE TO THE BOTTOM OF THE BOX.
11. ALL TELEVISION SYSTEM CONDUIT SHALL BE 3/4" DIAMETER MINIMUM.
12. VERIFY LOCK OF CONFLICT WITH WORK OF OTHER TRADES BEFORE INSTALLING ANY OUTLET.
13. CONNECT BELLS TO EXISTING BELL SYSTEM TO PROVIDE OPERATION SAME AS EXISTING.
14. CONDUIT & WIRE FOR FIRE ALARM, SOUND, OR OTHER SIGNAL SYSTEMS SHALL BE SAME AS MATCH EXISTING SYSTEMS.
15. SEE MECHANICAL PLAN, SHEET M-5 FOR EXHAUST FAN SCHEDULE.
16. PROVIDE PLASTER RINGS WHERE REQUIRED BY PLASTER CEILINGS.
17. CONNECT CLOCKS TO NEAREST 120 VOLT LIGHTING CIRCUIT AHEAD OF SWITCHES, UNLESS OTHERWISE NOTED.
18. REMOVE EXISTING EXIT LIGHT. EXTEND CIRCUIT TO NEW EXIT LIGHT AT DOOR AND ON 2ND FLOOR.
19. INCINERATOR COMPLETE WITH CONTROLS BY MECHANICAL CONTRACTOR. SUPPLY WITH 120 V. CIRCUIT FROM EXISTING SOURCE (1/3 HP MOTOR).
20. TIME CLOCK FOR OUTSIDE LIGHTS (ALL EXTERIOR F-1 SHALL BE FIXTURE 77037-D, 4 POLE, OR APPROVED EQUAL.
21. SUPPLY NEW EXIT LIGHTS FROM NEW "EMERGENCY PANEL EM" AHEAD EXISTING EXIT LIGHTS AND FIRE ALARM SYSTEM.







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