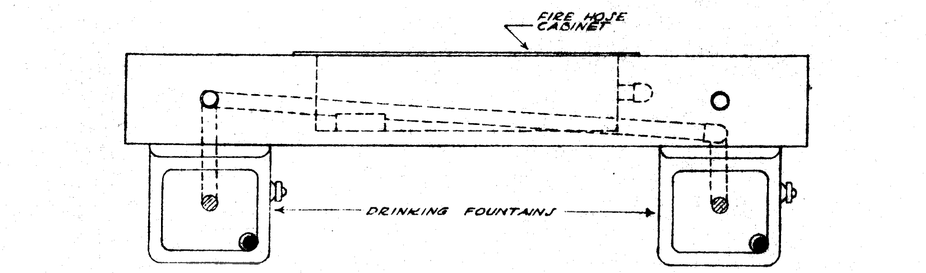
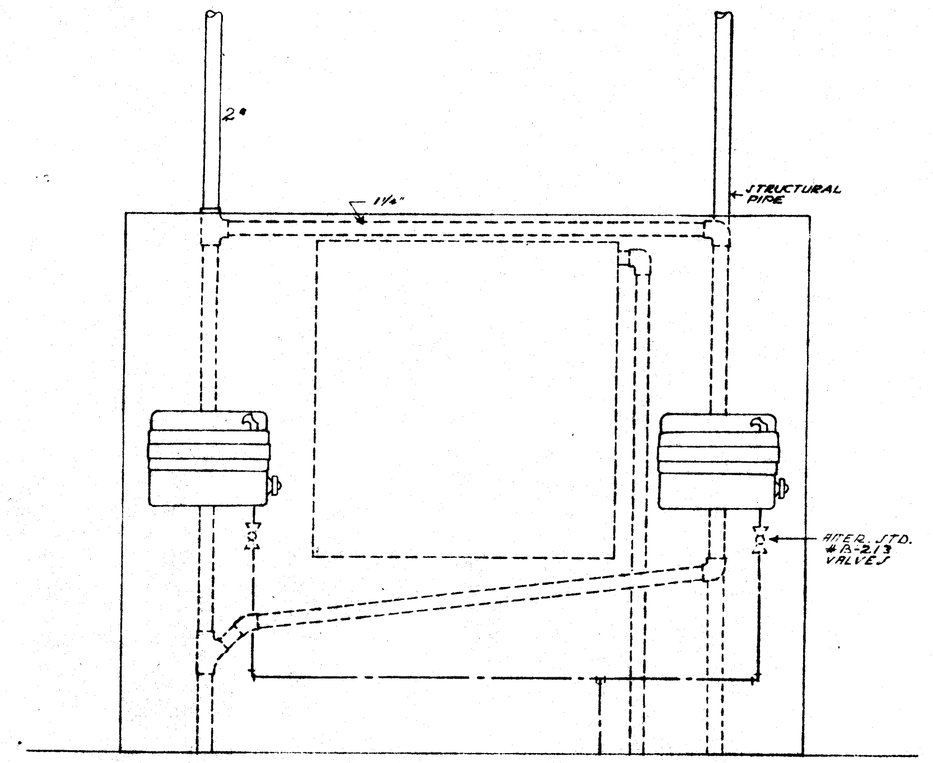
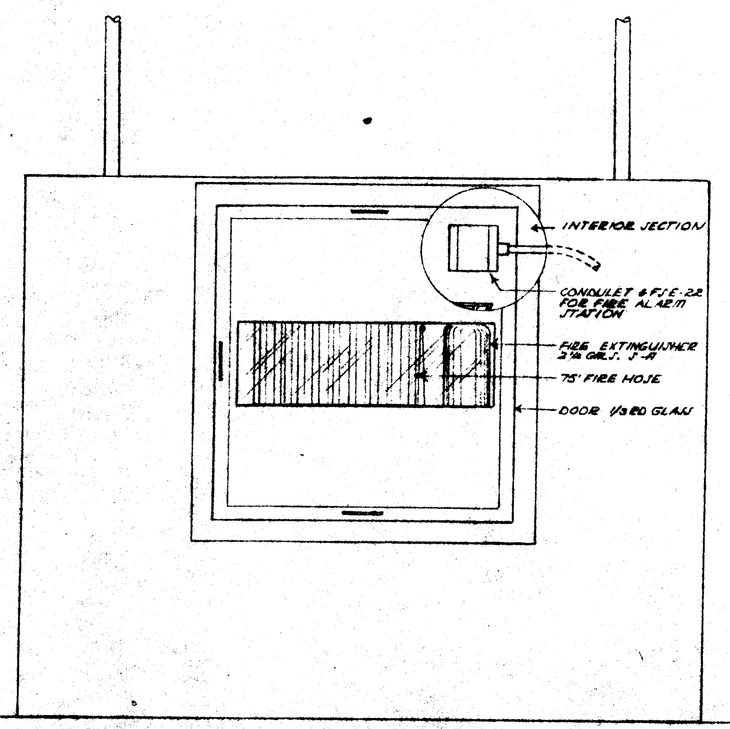


TOP VIEW

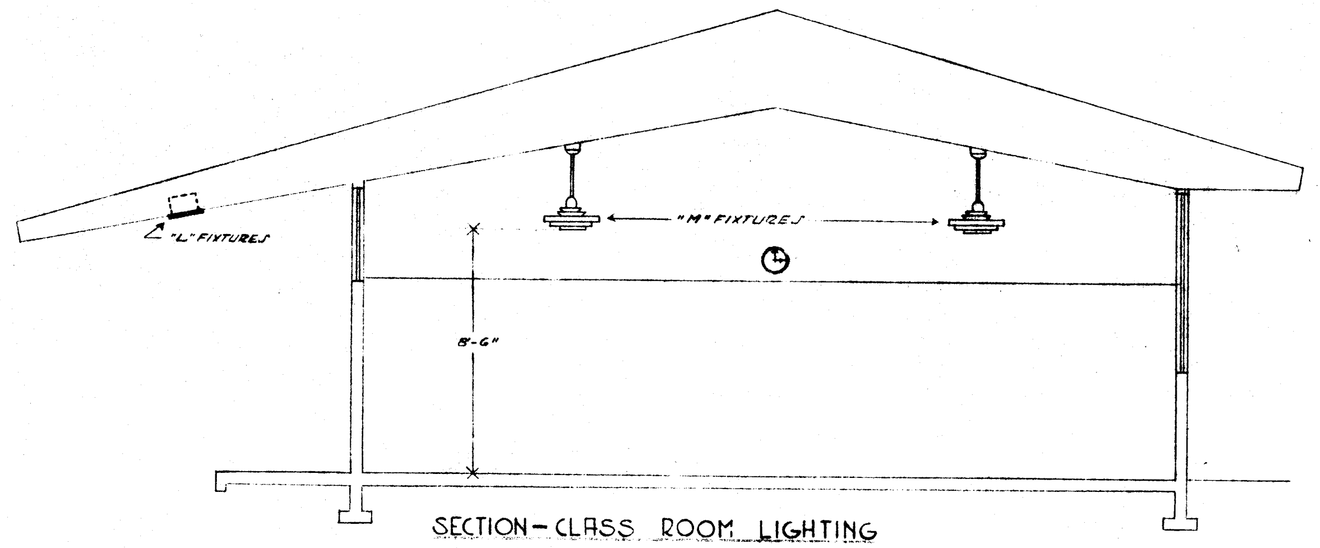


FRONT ELEVATION

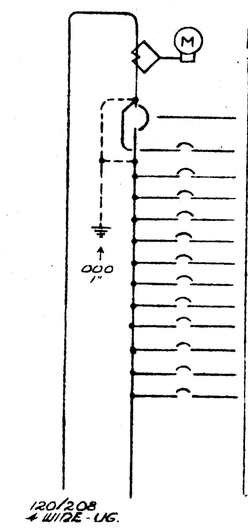


REAR ELEVATION

TYPICAL DRINKING FOUNTAIN AND FIRE PROT. STATION
SCALE 1" = 1'-0"



SECTION - CLASS ROOM LIGHTING

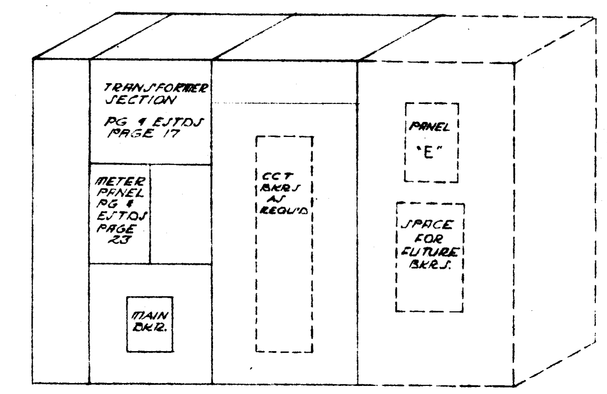


MAIN LTG. AND POWER SCHEMATIC AND SCHEDULE

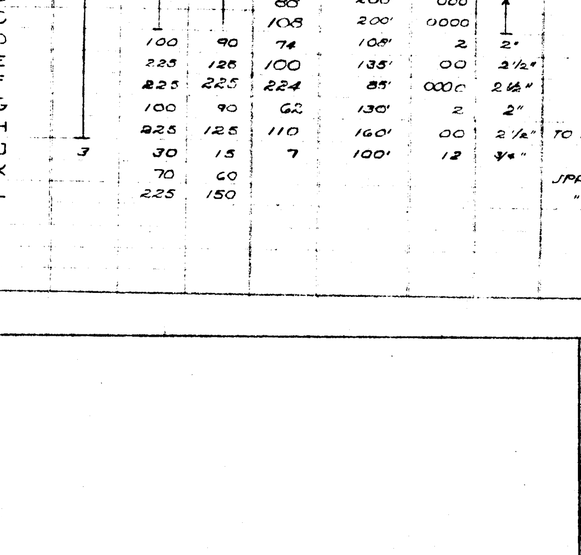
PANEL	CCT. BREAKER POLE	SIZE	TRIP	LOAD AMPS	APPROX LENGTH OF RUN	WIRE 1½% VD.	CONDUIT	NOTES
MAIN SERVICE	3	1000	750	759	150'	#2-500MCM CU	6"	3 IN MULTIPLE
PANEL BOARD AND LOCAL SWITCH	2	50	50	5		12	¾"	
A	3	225	150	105	250'	300MCM	3"	
B		100	90	89	200'	000	2"	
C		225	125	103	200'	0000	3½"	
D		225	225	224	85'	000	2½"	
E		100	90	62	130'	2	2"	
F		225	125	110	150'	00	2½"	TO EXIT. CAFETERIA BLDG.
G	3	30	15	7	100'	12	¾"	
H		70	60					3 PHASE
J		225	150					
K								
L								

LIGHTING FIXTURE SCHEDULE

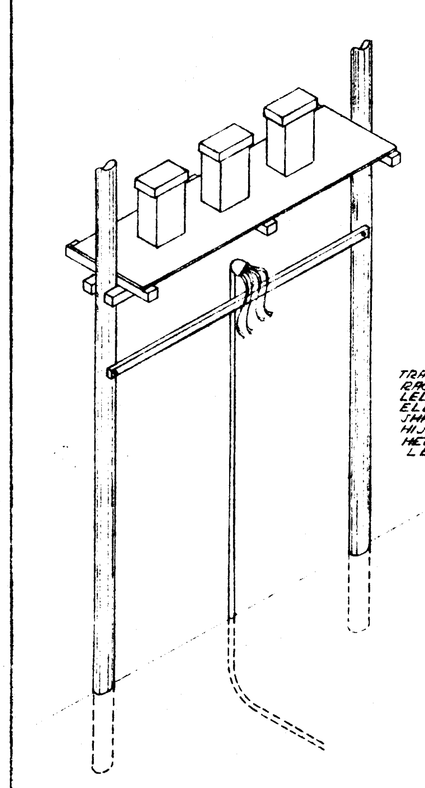
DESIG.	NO. LAMPS	WATTS	V. REG.	SURF. MTG.	DESCRIPTION	SIMILAR TO:
A	1-J8	300		✓	INDIRECT CONC. RING ITEM#1 FOR UNIFORM FLOOR ILLUMINATION. GLOBE AND GUARD	SILVRAY #1800-3R-J CLEARANCE 6" FROM CEILING
B	1	190		✓	MARKED ITEM#1 FOR UNIF. FL. CLEAR. 11'-0"	PITTS. #1285YM-CE
C	1	150		✓	VAPOR TIGHT GLOBE AND GUARD	CROUSE-HINDS #ARA-35
D	1	100		✓		JAHOOT-HOLMAN #VO-10
E	1	100		✓	WATCHING GLOBE	JAHOOT HOLMAN #VO-10
F	1	200		✓	EXPLOSION PROOF UNIT AND FITTINGS	CROUSE-HINDS #EMA-1205 #CL.1-D.2
G	1	100		✓	PORC. RECEPTACLE	
H	1	500		✓	PORC. ENAM. SLIM REF. M. STR. HT.	JAHOOT HOLMAN #10818
J	1	300	✓		FLUTSTATIC UNIT WHITE ENAMEL FINISH	CROUSE-HINDS JESEY CONDULET# FE-1-E #2230
K	1	100		✓	VAPOR PROOF BRACKET	APPLETON #GRVW-10-B
L	1	120	✓		TRIPP. LITE TROFFER	MAZDA #LH-3-34EB-JJ-JE
M	1-28	760		✓	INDIRECT CONCENT RING	SILVRAY #1500J-3R-10
N	1	150		✓	BRACKET LIGHT	CRAWARD #RL-3130
P	1	750		✓	PORC. SLIM REF. 14" STR. HT.	JAHOOT HOLMAN #10818 2" RIGID CONDULET
Q	1-188-56	300		✓	FLOOD LIGHT	SILVRAY #706
R	1	200		✓	SLIM REFLECTOR	JAHOOT-HOLMAN #13816
S	1	40		✓	EXIT LIGHT	ART METAL #3328-S



MAIN SWITCHBOARD



TYPICAL PANEL
SIMILAR TO "TRUMBULL" TYPE N-LAB-4



UNDERGROUND
LIGHT AND POWER SERVICE
TERMINATION AT STREET STRUCTURE

ELECTRICAL NOTES:

1. ALL CONDUIT MINIMUM SIZE ¾" UNLESS OTHERWISE INDICATED.
2. ALL INTERCONNECTING CONDUITS BETWEEN BUILDINGS TO BE RUN UNDERGROUND.
3. NIGHT LIGHT OUTLETS TO BE CONTROLLED BY TIME SWITCH IN PANEL BOX OF EACH BUILDING.

ELECTRICAL SYMBOLS

- LIGHTING FIXTURE
- FLUSH FIXTURE
- BRACKET LIGHT
- CLOCK & BUZZER ON SIGNAL SYSTEM
- MASTER CLOCK
- CONVENIENCE OUTLET
- RANGE OUTLET
- A — "A" FIXTURES IN DOOR, ETC.
- S — SINGLE POLE SWITCH
- S3 — 3-WAY SWITCH
- SP — PILOT SWITCH
- SCB — CIRCUIT BREAKER
- LIGHTING PANEL
- MAIN LIGHT AND POWER PANEL
- HORN
- ROLE OUTLET
- ISOLATING SWITCH
- FIRE ALARM BELL
- FIRE ALARM STATION
- SIGNAL TERMINAL BOX
- BRANCH CIRCUIT IN WALL OR CLG.
- BRANCH CIRCUIT IN FLOOR
- HOMERUN TO PANEL - ARROWS INDICATE NUMBER OF CIRCUITS
- PROGRAM SYSTEM WIRING
- CONDUIT UP
- CONDUIT DOWN
- 2 WIRES IN CONDUIT
- 3 WIRES IN CONDUIT
- 4 WIRES IN CONDUIT - ETC.
- ¾" CONDUIT
- 1" CONDUIT
- 1¼" CONDUIT - ETC.
- LINES TERMINATED THUS, CONTINUED ON SHEET ME-1
- TELEPHONE CONDUIT - ¾"
- TELEPHONE TERMINAL
- TELEPHONE OUTLET
- SWITCH LEG
- U.G. — UNDERGROUND SERVICE
- W.P. — WEATHER PROOF
- C.O. — CONDUIT ONLY
- N/L — NIGHT LIGHT - SEE NOTE 3
- FLOOD LIGHT
- FLOOR OUTLET - 220 V. 3 WIRE
- KS — KEY SWITCH - WEATHER PROOF
- FLOOR OUTLET - FULL RAIN LATROBE BOX #284 - SPT. NOZZLE AND RECEPTACLE
- VAPOR JEL - CAP
- EP — EXPLOSION PROOF CROUSE-HINDS TYPE "CP-1" RECEPTACLES AND PLUGS
- THREE WIRE - 220 VOLT - TWISTLOCK RECEPTACLE
- EXIT LIGHT

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE	W. A. STAINS CONSULTING ENGINEER 1603 CALIFORNIA AVENUE BAKERSFIELD, CALIFORNIA	KERN CO SUPERINTENDENT OF SCHOOLS	BAKERSFIELD CITY SCHOOL DISTR. BOARD OF EDUCATION
11314 APPROVED OCT 29 1953		APPROVED	APPROVED
By Harry W. Stains		DATE 10-30-53	SEC. DATE 11-16-53

REVISIONS	DATE 9-30-53	DRAWN
	JOB NO. 117653	CHECKED
	Architect Robert N. Eddy C-895	

ROBERT N. EDDY
ARCHITECT A.I.A.
2901 H ST. BAKERSFIELD CALIFORNIA PH 59048

DETAILS AND SCHEDULES — MECHANICAL AND ELECTRICAL

LINCOLN JUNIOR HIGH SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
BAKERSFIELD KERN COUNTY CALIFORNIA

ME-3