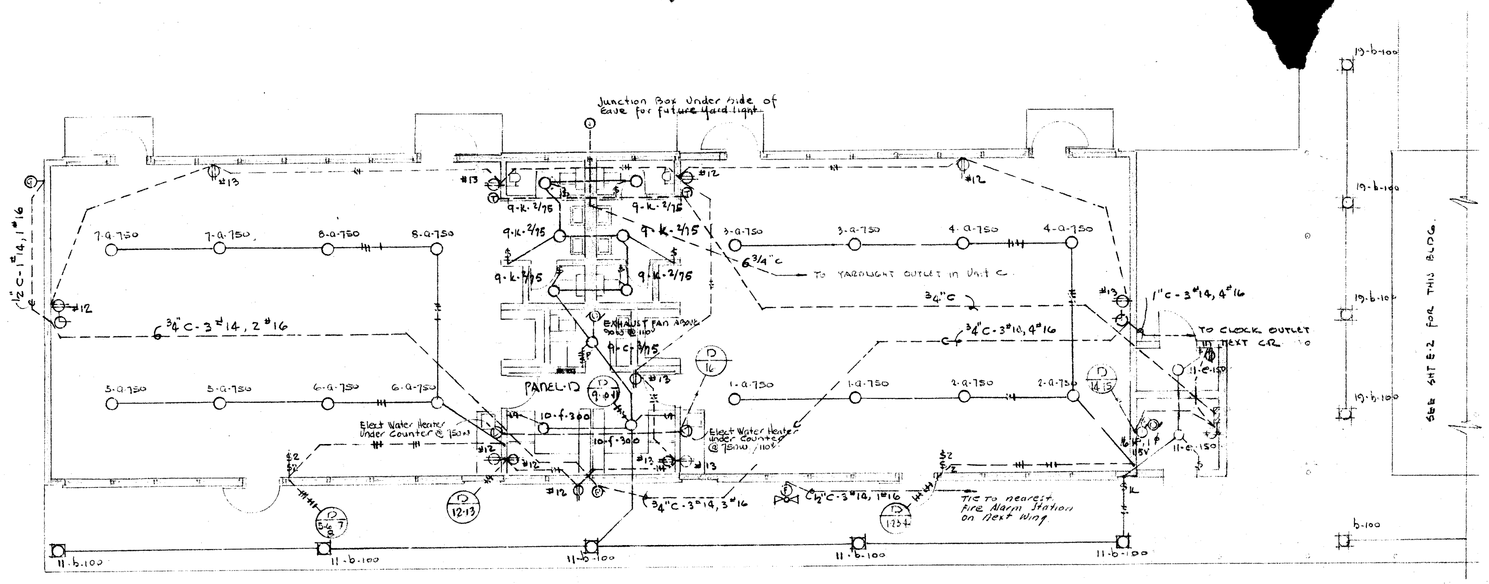


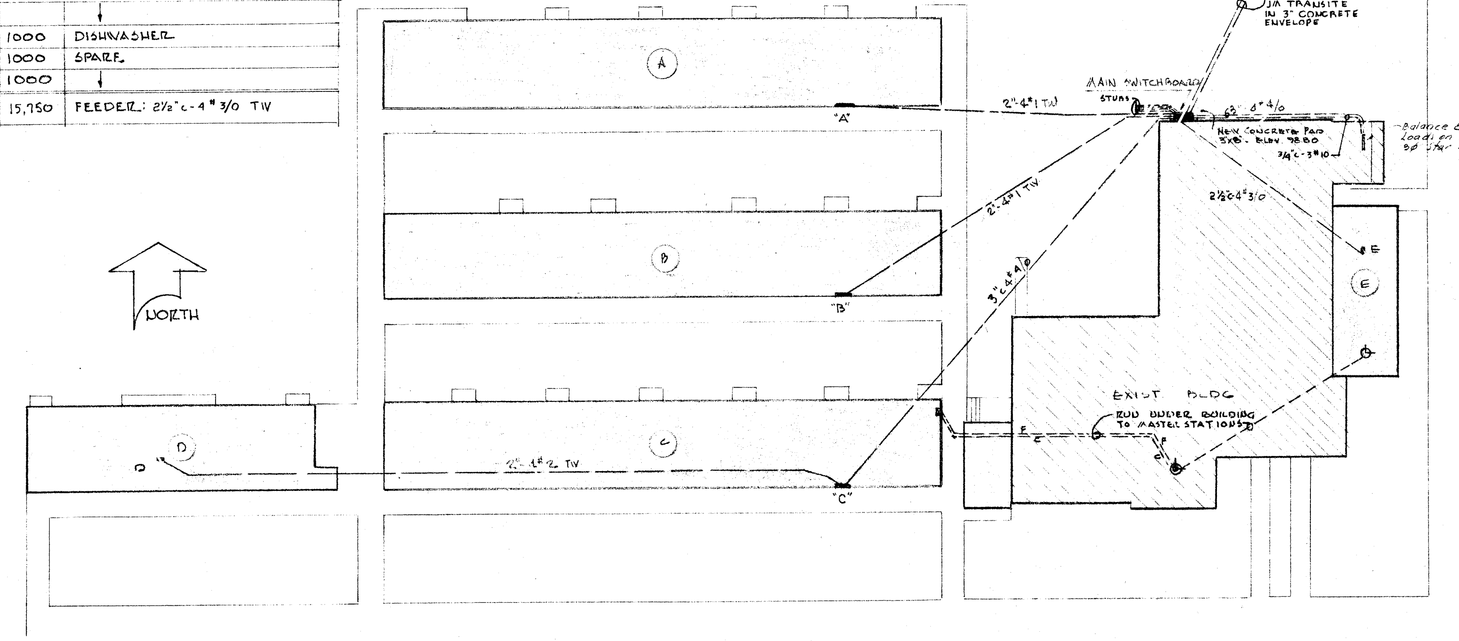
UNIT "D"
SCALE 1/8"=1'-0"

PANEL "E" — TYPE DLAB-AB - FLUSH MOUNTED 120/208V, 3 ϕ, 4W

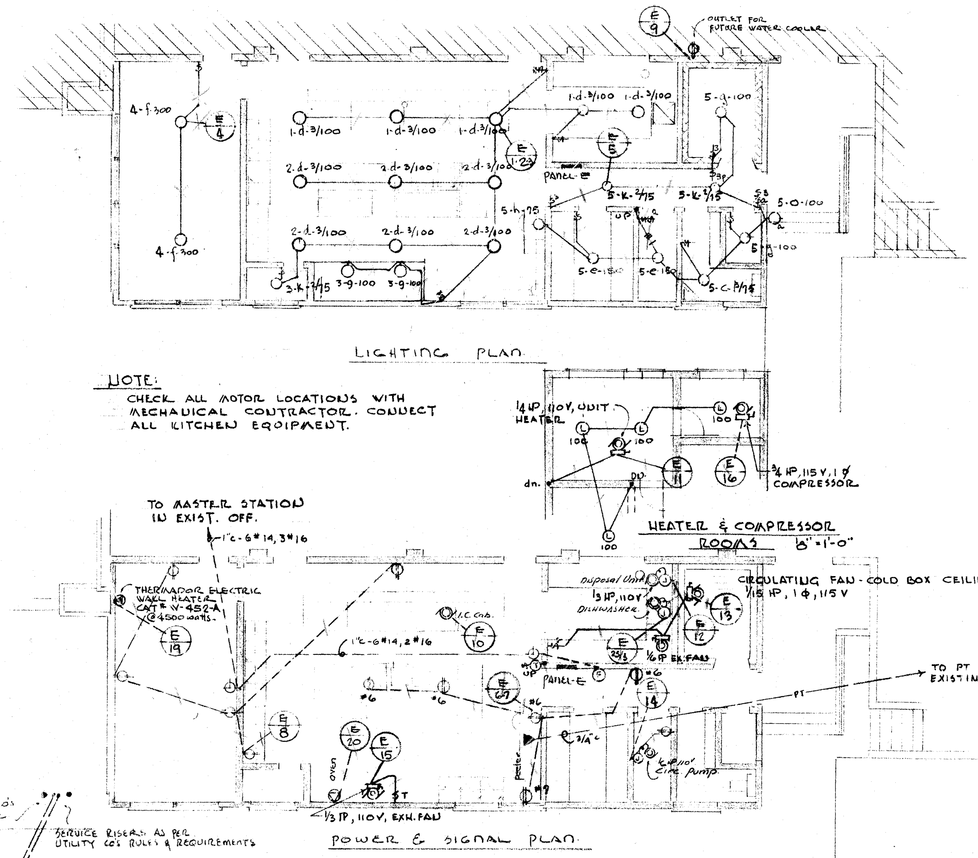
CT. NO.	BREAKER SIZE	BREAKER POLES	LOAD IN WATTS ϕA	ϕB	ϕC	DESCRIPTION
1	20	1	1500			LIGHTS KITCHEN
2				900		
3					1250	↓
4			600			CONFERENCE
5				1600		RMS OF KITCHEN
6					1000	PLUGS
7			500			PEELER
8				1000		PLUGS
9	15				300	DRINKING FOUNTAIN
10			400			ICE CREAM CABINET
11				500		UNIT HEATER
12	20				600	GARBAGE DISPOSAL
13			400			CIRCULATING EXHAUST FANS
14				300		" PUMP
15					600	EXHAUST FANS
16	35		1500			COMPRESSOR
17	20			1000		SPARE
18					1000	
19	25	2	2250	2250		ELECTRIC HEATER
20	50		4000		4000	OVEN
21				4000	4000	SPARE
22	30		2000	2000		
23	20	3	1000	1000	1000	DISHWASHER
24			1000	1000	1000	SPARE
25			1000	1000	1000	
TOTAL			16150	16550	15750	FEEDER: 2½"c-4"3/0 TW

PANEL "D" — TYPE DLAB - FLUSH MOUNTED 120/208V, 3 ϕ, 4W

CT. NO.	BREAKER SIZE	BREAKER POLES	LOAD IN WATTS ϕA	ϕB	ϕC	DESCRIPTION
1	20	1	1500			LIGHTS - KINDERGARTEN
2				1500		
3					1500	
4			1500			
5				1500		
6					1500	
7			1500			
8				1500		
9					1175	TOILETS
10			600			WASHROOMS
11				800		CORRIDOR
12					1000	PLUGS
13			1000			↓
14	15			300		HEATING PUMP
15	20				300	CONTROL PAUEL & PLUGS
16			1000			WATER HEATERS
17				1000		SPARE
18					1000	↓
19-20			1000	1000		↓
TOTAL			8,100	7,600	6,475	FEEDER: 2"c-4"#2 TW



PLOT PLAN
SCALE 1"=30'



LIGHTING PLAN

NOTE:
CHECK ALL MOTOR LOCATIONS WITH MECHANICAL CONTRACTOR. CONNECT ALL KITCHEN EQUIPMENT.

HEATER & COMPRESSOR ROOM 3 — ¼"=1'-0"

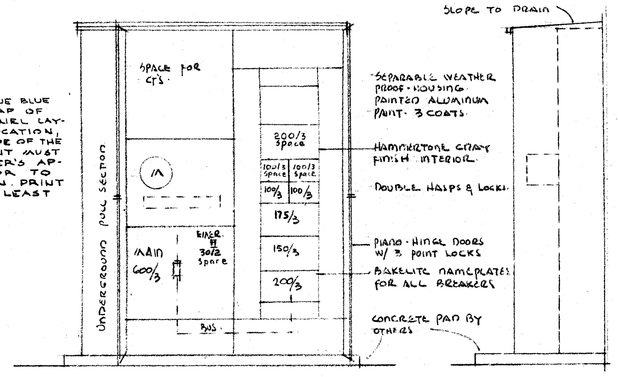
CIRCULATING FAN - COLD BOX CEILING ⅛ HP, 1 ϕ, 115 V

POWER & SIGNAL PLAN

FLOOR PLAN - KITCHEN AREA - UNIT 'E'
SCALE ⅛"=1'-0"

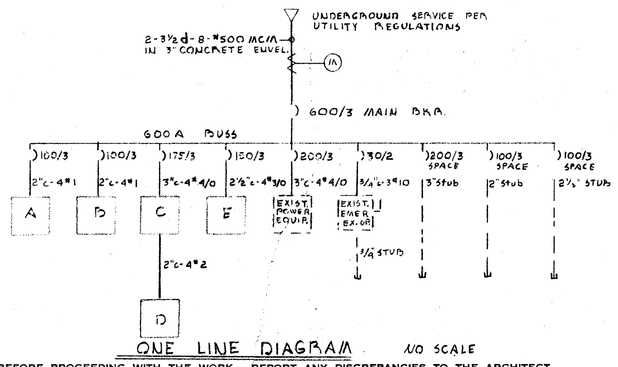
PANEL "C" — TYPE NLAB-AB, FLUSH MOUNTED 200A BUSSING 120/208 V. 3 ϕ 4 W TIME CLOCK IN CABINET - CT-22

CT. NO.	SIZE	POLES	ϕA	ϕB	ϕC	DESCRIPTION
1	20	1	1500			LIGHTS RM. C-6
2				1500		RM. C-6
3					1500	RM. C-6
4			1500			RM. C-5
5				1500		RM. C-5
6					1500	RM. C-5
7			1500			RM. C-4
8				1500		RM. C-4
9					1500	RM. C-4
10			1500			RM. C-3
11				1500		RM. C-3
12					1500	RM. C-3
13			1500			RM. C-2
14				1500		RM. C-2
15					1500	RM. C-2
16			1500			RM. C-1
17				1500		RM. C-1
18					1500	RM. C-1
19			1000			CORRIDOR
20				900		↓
21					1300	↓
22			1400			FUTURE LIGHT LITES
23				1000		PLUGS
24					1000	↓
25			1000			↓
26				750		HEATING PUMPS
27					750	↓
28			400			H & V CONTROL
29				800		PUMP & AIR COMPRESSOR
30					1000	SPARE
31			1000			↓
32				1000		↓
33					1000	↓
34			1000			↓
25	100	3	6475	8100	7600	FEED PANEL D
TOTAL			21,275	21,550	21,650	FEEDER: 3"c-4" 4/0



NOTE:
SECURELY GLUE BLUE LINE PRINT-MAP OF FEEDER & PANEL LAY-OUT AND LOCATION ON THE INSIDE OF THE DOOR. PRINT MUST HAVE ENGINEERS APPROVAL PRIOR TO INSTALLATION. PRINT MUST BE AT LEAST 15" x 20".

DETAIL - MAIN SWITCHBOARD.
SCALE ½"=1'-0".



ONE LINE DIAGRAM N/O SCALE

ELECTRICAL SYMBOLS

- HOME RUN
- DISTRIBUTION PAUEL
- CEILING OUTLET
- WALL BRACKET OUTLET
- FLUSH UNIT
- SURFACE UNIT
- YARDLIGHT
- JUNCTION BOX
- SPECIAL OUTLET
- DUPLEX CONVENIENCE OUTLET 110V
- 220 RECEPTACLE
- WEATHERPROOF RECEPTACLE
- FULMAN FLOOR OUTLET
- TERMINAL CABINET
- PORCELAIN SOCKET RECEPTACLE
- VAPOR PROOF UNIT
- MOTOR OUTLET & DISCONNECT SWITCH
- CLOCK OUTLET
- MASTER CLOCK
- PROGRAM GONG
- FIRE ALARM STATION
- PUBLIC TELEPHONE
- SWITCH
- 3-WAY SWITCH
- KEY SWITCH
- SWITCH & PILOT LITE
- THERMAL OVERLOAD SWITCH & PILOT LITE
- CONDUIT RUN IN CEILING
- CONDUIT RUN IN FLOOR
- CIRCUIT NUMBER
- FIXTURE TYPE
- WATTAGE
- ELECTRIC HEATER
- ELECTRONIC CONTROL PAUEL
- FIRE ALARM HORN
- THERMOSTAT

CODE RULES & SAFETY ORDERS

ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, ANY LOCAL OR STATE ORDINANCES, THE STATE OF CALIFORNIA INDUSTRIAL ACCIDENT COMMISSIONS SAFETY ORDERS, REGULATIONS OF THE STATE FIRE MARSHALL, AND WITH ANY PREVAILING RULES AND REGULATIONS PERTAINING TO ADEQUATE PROTECTION AND FOR GUARDING OF ANY MOVING PARTS OR OTHERWISE HAZARDOUS LOCATIONS. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE BEFORE PROCEEDING WITH THE WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT.

EDWARD LOWE
ELECTRICAL ENGINEER
3412 TULARE ST. FRESNO — CAL. REG. NO. 1754 — CALIFORNIA

OFFICE OF SUPERINTENDENT OF SCHOOLS
APPROVED
DATE 11-16-53

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
APPLICATION NO. 11982 — APPROVED
SUPERVISING STRUCTURAL ENGINEER

BAKERSFIELD CITY SCHOOLS
1600 H ST BAKERSFIELD CALIFORNIA
BOARD OF EDUCATION

APPROVED DATE Nov 12 1953

ROOSEVELT ELEM SCHOOL ADDITION
BAKERSFIELD CITY SCHOOL DISTRICT
2324 VERDE STREET
BAKERSFIELD CALIFORNIA

ERNEST L. McCOY A.I.A. ARCHITECT
2811 H STREET BAKERSFIELD — PHONE 4-9951 CALIFORNIA

C-336
JOB NO. 53-22
DATE 10-53
DRAWN
CHECKED
SHEET NO. OF 2 SHTS.