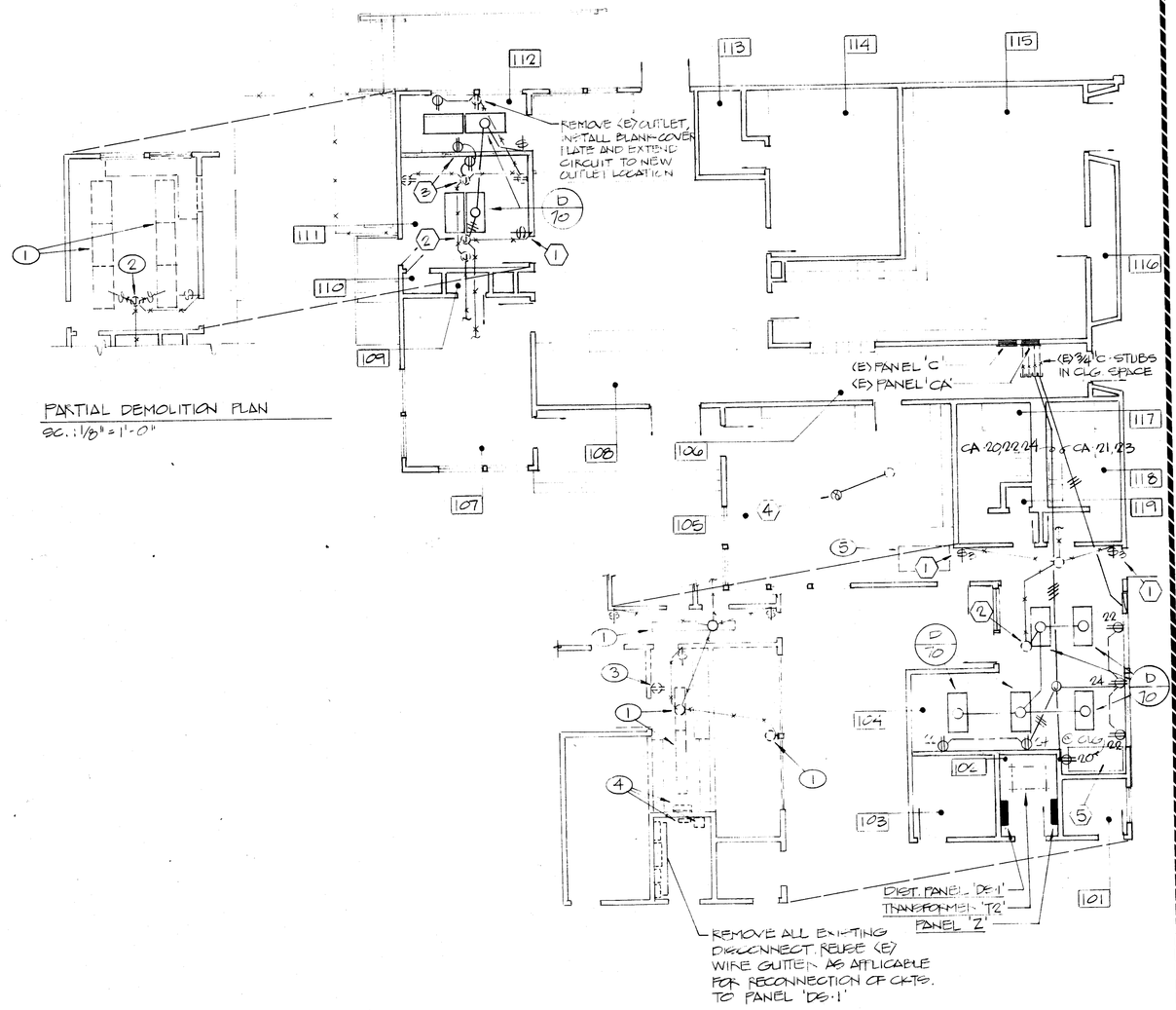
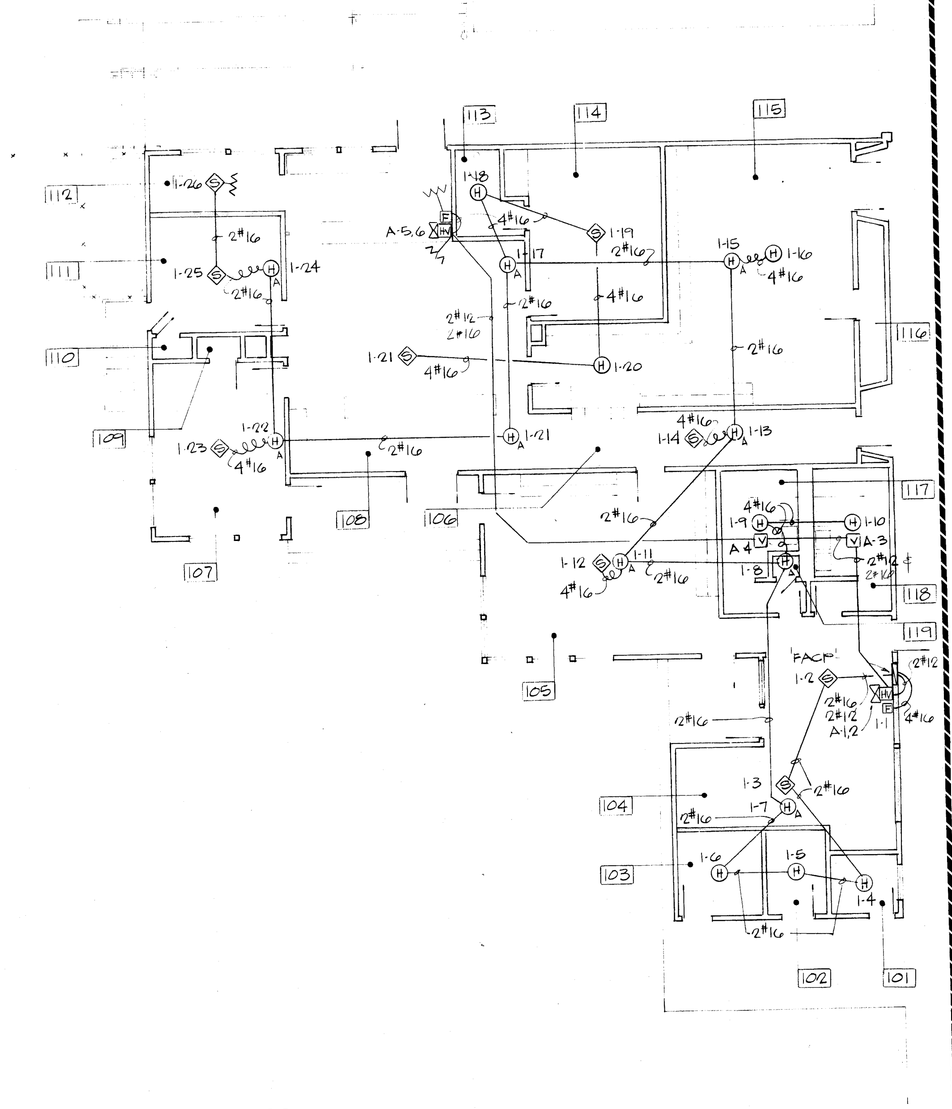


PARTIAL DEMOLITION PLAN
SC.: 1/8" = 1'-0"

BUILDING 100

LIGHTING & POWER FLOOR PLAN

1/8" = 1'-0"



BUILDING 100

FIRE ALARM FLOOR PLAN

1/8" = 1'-0"

DEMOLITION NOTES:

1. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES.
2. EXISTING JUNCTION BOX TO REMAIN
3. DISCONNECT AND REMOVE EXISTING CONVENIENCE OUTLET RECONNECT EXISTING CIRCUIT CONTINUITY AS REQUIRED.
4. REMOVE FIRE ALARM AND CLOCK RECTIFIER
5. DISCONNECT EXISTING ELECTRICAL TO AIR FILTER MACHINE TO BE RELOCATED.

NOTES:

1. REPLACE EXISTING SWITCH WITH NEW DEVICE AND PLATE.
2. INTERCEPT EXISTING LIGHTING CIRCUIT.
3. INTERCEPT EXISTING POWER CIRCUIT UNDER FLOOR
4. EXHAUST FAN TO BE SWITCHED WITH EXISTING LIGHTS.
5. RELOCATED AIR FILTER MACHINE AT CEILING.

PANEL 'x' TYPE J-LINE

CIRCUIT WATTAGE ØA	ØB	ØC	USE	LOAD-TYPE LT	RC	HT	MO	CB
4960			SUB-FEED 'DB-2'					2/0
	4960							2/0
		4960	SPACE					-
								2/0
			SPACE					-
								2/0
4960	4960	4960	SUB-TOTAL					

USE	CB	LOAD-TYPE LT	RC	HT	MO	CIRCUIT WATTAGE ØA	ØB	ØC
SPACE	2/0							
	2/0							
SPACE	-							
	2/0							
SPACE	-							
	2/0							
SUB-TOTAL						4960	4960	4960

VOLTS 480/277V 3ø 4W. MAIN 800/3
FEEDER 2-4"C. 8#350KCMIL MTG SURFACE NEMA 3R
BUS 800A
SYSTEM SHORT CIRCUIT RATING (SYM)

LOAD SUMMARY
LIGHTING
RECEPTACLE
HEATING
MOTOR
TOTAL
TOTAL AMPS 1250

PANEL 'Z' TYPE I-LINE

CIRCUIT WATTAGE ØA	ØB	ØC	USE	LOAD-TYPE LT	RC	HT	MO	CB
4960			SUB-FEED FNL 'CP'					40
	4960							2/0
		4960	SPACE					-
								2/0
			SPACE					-
								2/0
4960	4960	4960	SUB-TOTAL					

USE	CB	LOAD-TYPE LT	RC	HT	MO	CIRCUIT WATTAGE ØA	ØB	ØC
SUB-FEED FNL 'DE-1'	2/0					41550		
	2/0						41550	
SPACE	-							4960
	2/0							
SPACE	-							
	2/0							
SUB-TOTAL						41550	41550	41550
						4960	4960	4960

VOLTS 480/277V 3ø 4W. MAIN 400/3
FEEDER 1"C. 4#350KCMIL MTG SURFACE
BUS 400A.
SYSTEM SHORT CIRCUIT RATING (SYM)

LOAD SUMMARY
LIGHTING
RECEPTACLE
HEATING
MOTOR
TOTAL
TOTAL 46510
AMPS 224

approved

ELECTRICAL ENGINEER 5101
INTERSTATE ENGINEERING, INC.
121 EAST BELMONT AVENUE BAKERSFIELD, CALIFORNIA 93305 PHONE (805) 399-1181

C. 3132
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C. 8702

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APPLICATION NO. 77/50602

LIGHTING, POWER & FIRE ALARM FLOOR PLANS-BUILDING 100

MT. VERNON MODERNIZATION
BAKERSFIELD CITY SCHOOL DISTRICT
2161 POTOMAC AVENUE
BAKERSFIELD, CALIFORNIA 93307

job 87-126

date 1 FEB. 1989

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