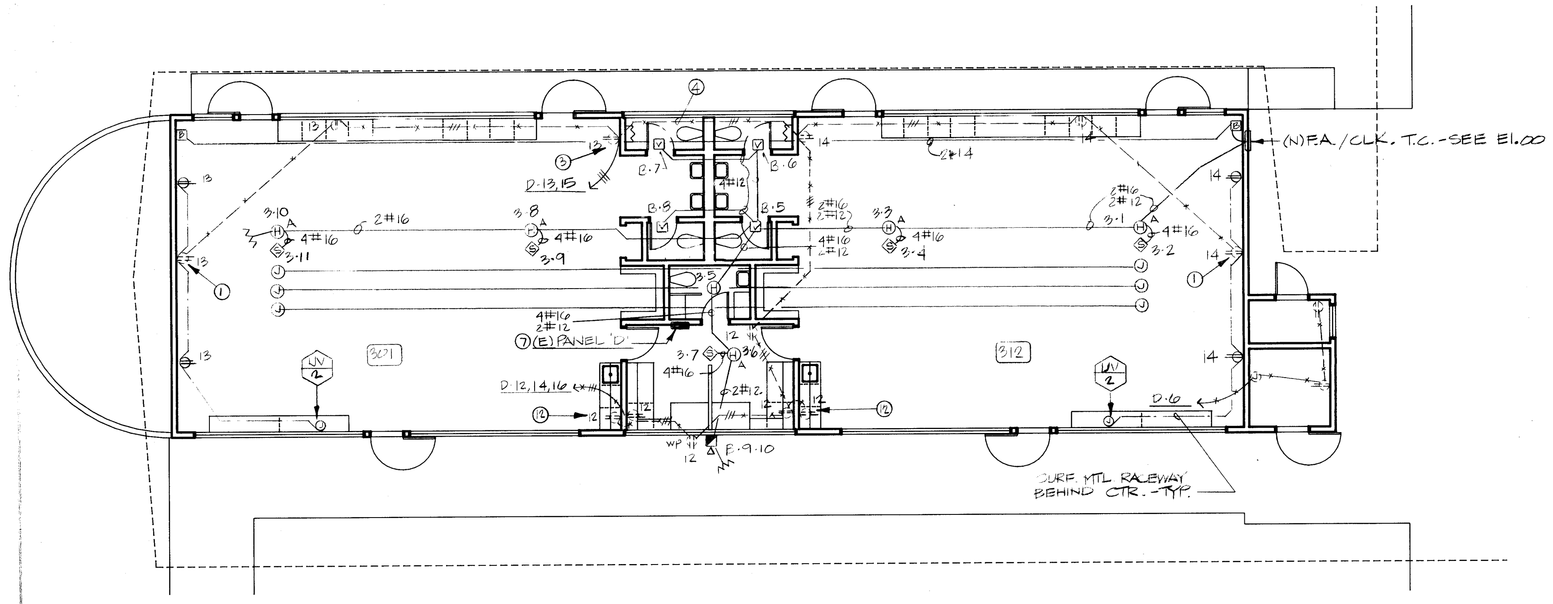
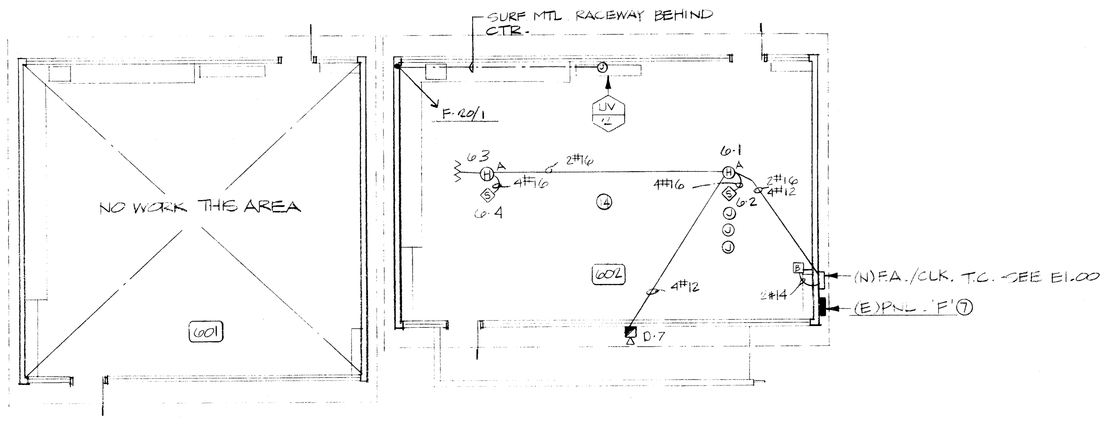
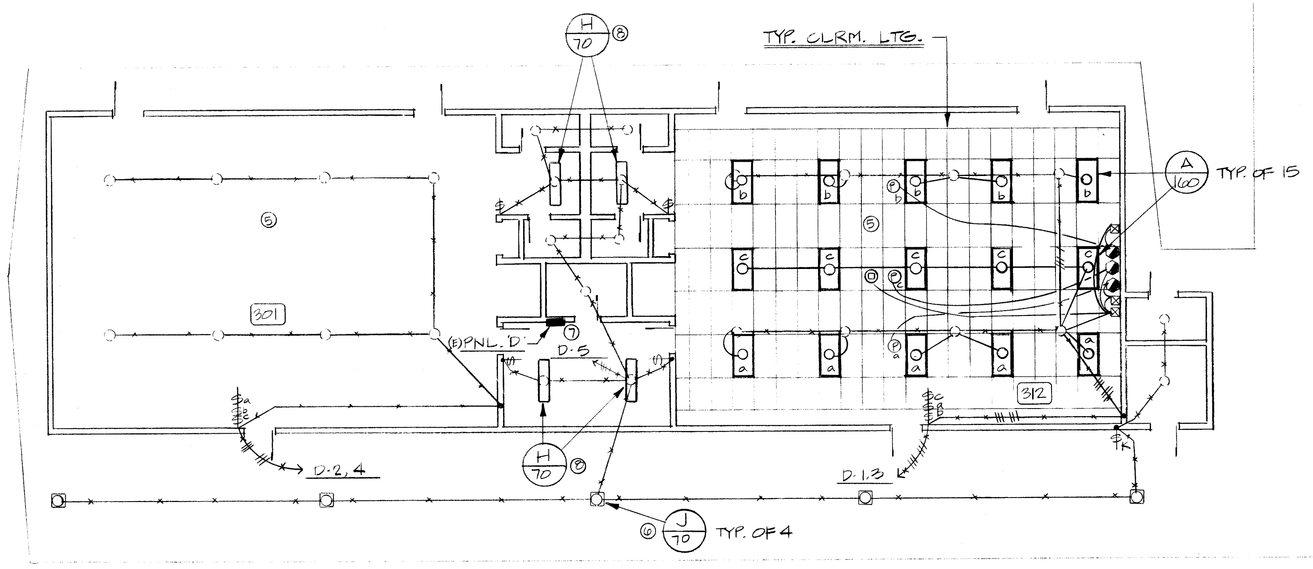


BLDG. 300
POWER & SIGNAL FLOOR PLAN
1/8"=1'-0"



BLDG. 600
POWER & SIGNAL FLOOR PLAN
1/8"=1'-0"



BLDG. 300
LIGHTING FLOOR PLAN
1/8"=1'-0"

(B) PANEL 'D' TYPE (E)

CIRCUIT WATTAGE ØA	ØB	ØC	USE	LOAD-TYPE LT	RC	HT	MO	CB
1200			RM. 312	✓				20
	1200		↓	✓				
		1200		✓				
400			SPARE					
	400		↓					
		400						
900					✓			
	240		UV-2 SPACE					
			↓					
3500	1640	1600	SUB-TOTAL					

CB	LOAD-TYPE LT	RC	HT	MO	USE	CIRCUIT WATTAGE ØA	ØB	ØC
20	✓				RM. 301	1200		
	✓				↓		1200	
								400
	✓				SPARE	400		
					↓		400	
	✓					920		900
					UV-2 SPARE	240		
					(E) WTR. HTR.	1000		400
					SUB-TOTAL	3500	1640	1700

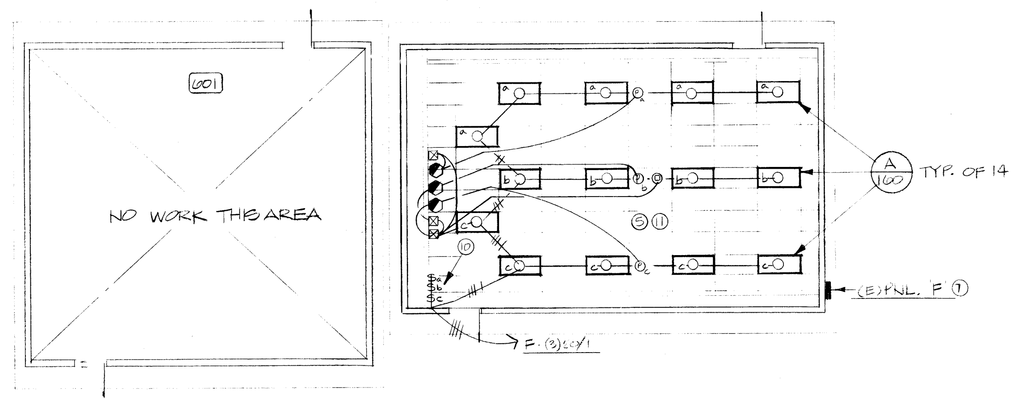
VOLTS 120/208V 3Ø 4W MAIN 100/3 (N)
(E) FEEDER 2"C.-4#2 MTG FLUSH
(N) BUS 100A CU

LOAD SUMMARY			
LIGHTING		TOTAL	3500	1640	1700
RECEPTACLE		AMPS	10200	3080	3350
HEATING				36	
MOTOR					
TOTAL					

SYSTEM SHORT CIRCUIT RATING (SYM)

REFERENCE NOTES THIS SHEET ONLY:

1. EXTEND EXISTING OUTLET WITH WIREMOLD #5751 BOX AND INSTALL NEW SURFACE METAL RACEWAY - WIREMOLD #500 SERIES WITH ALL ACCESSORIES NECESSARY FOR PROPER INSTALLATION TO NEW SURFACE MOUNTED OUTLETS (BOX #5747) AS SHOWN. RACEWAY TO BE PAINTED TO MATCH WALL. TYPICAL EACH CLASSROOM.
2. ~~USE EXISTING A/C CIRCUIT FOR NEW UNIT VENTILATOR AS SHOWN. TYPICAL EACH CLASSROOM.~~
3. INTERCEPT EXISTING RACEWAY AND INSTALL NEW HOMERUN AS SHOWN.
4. EXISTING RACEWAY TO BE DISCONNECTED AND ABANDONED.
5. REMOVE EXISTING CLASSROOM LIGHTING AND INSTALL NEW LIGHTING, SENSING AND CONTROL AS SHOWN. CONNECT NEW LIGHTING TO EXISTING CIRCUITS AS SHOWN. TYPICAL EACH CLASSROOM. OLD FIXTURES SHALL BE TURNED OVER TO OWNER. INSTALL NEW SWITCHES.
6. RETROFIT CORRIDOR LIGHTING WITH NEW FIXTURES SHOWN, RECONNECT TO EXISTING SWITCHES.
7. EXISTING PANEL REFURBISHED, INSTALL NEW BUS BARS, CIRCUIT BREAKERS, MAIN BREAKER, ETC., IN EXISTING CAN.
8. INSTALL NEW FIXTURES ON EXISTING OUTLETS. INSTALL NEW SWITCHES.
9. ~~INSTALL NEW LIGHT FIXTURES AND CONNECT TO EXISTING WIRING. REMOVE EXISTING FIXTURES AND BLANK OFF OUTLETS. INSTALL NEW LIGHT SWITCHES.~~
10. CUT AND PATCH EXISTING WALLS TO CONCEAL ELECTRICAL WORK WHERE REQUIRED FOR INSTALLATION OF NEW DEVICES.
11. REUSE EXISTING WIRING WHERE POSSIBLE.
12. REPLACE EXISTING DUPLEX OUTLET WITH NEW GFCI TYPE DUPLEX AND COVER PLATE.
13. CONTRACT SHALL VERIFY EXACT LOCATION OF EXISTING ELECTRICAL PANEL PRIOR TO BID.
14. CONTRACTOR SHALL CONNECT NEW UNIT VENTILATOR, FIXTURES, ETC., TO EXISTING CIRCUITS. CIRCUIT LOCATIONS TO BE VERIFIED IN FIELD. EXISTING CIRCUITS MAY BE EXTENDED AS NECESSARY TO ACCOMMODATE NEW EQUIPMENT
15. EXTEND EXIST. OUTLET W/ WIREMOLD #5751 BOX & INSTALL NEW SURF. METAL RACEWAY-WIREMOLD #500 SERIES W/ ALL ACCESSORIES NECESSARY FOR PROPER INSTALLATION TO NEW SURF. MTD. J-BOX FOR NEW UNIT VENTILATOR.



BLDG. 600
LIGHTING FLOOR PLAN
1/8"=1'-0"

(7)(9) (E) PANEL 'F' TYPE (E)

CIRCUIT WATTAGE ØA	ØB	ØC	USE	LOAD-TYPE LT	RC	HT	MO	CB
900			MISC. PWR/LTG.					10
	900		↓					
		900						
900								
	900		SPARE					
		900	↓					
900								
	400							
		400						
3100	2400	2700	SUB-TOTAL					

CB	LOAD-TYPE LT	RC	HT	MO	USE	CIRCUIT WATTAGE ØA	ØB	ØC
10					MISC. PWR/LTG.	900		
					↓		900	
								900
					SPARE	900		
					↓		900	
								900
					SPARE		400	
					↓			400
					SUB-TOTAL	3100	2400	2700

VOLTS (E) MAIN (N)100A
FEEDER (E) MTG (E)
BUS (N)100A CU

LOAD SUMMARY			
LIGHTING		TOTAL	3100	2400	2700
RECEPTACLE		AMPS	3100	2400	2700
HEATING			31	24	27
MOTOR					
TOTAL					

SYSTEM SHORT CIRCUIT RATING (SYM)

bfgc

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ROOSEVELT SCHOOL MODERNIZATION

FOR

BAKERSFIELD CITY SCHOOL DISTRICT

BUILDING 300 & 600

842P-300

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C-3132 C-6564 C-8021 C-8702

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