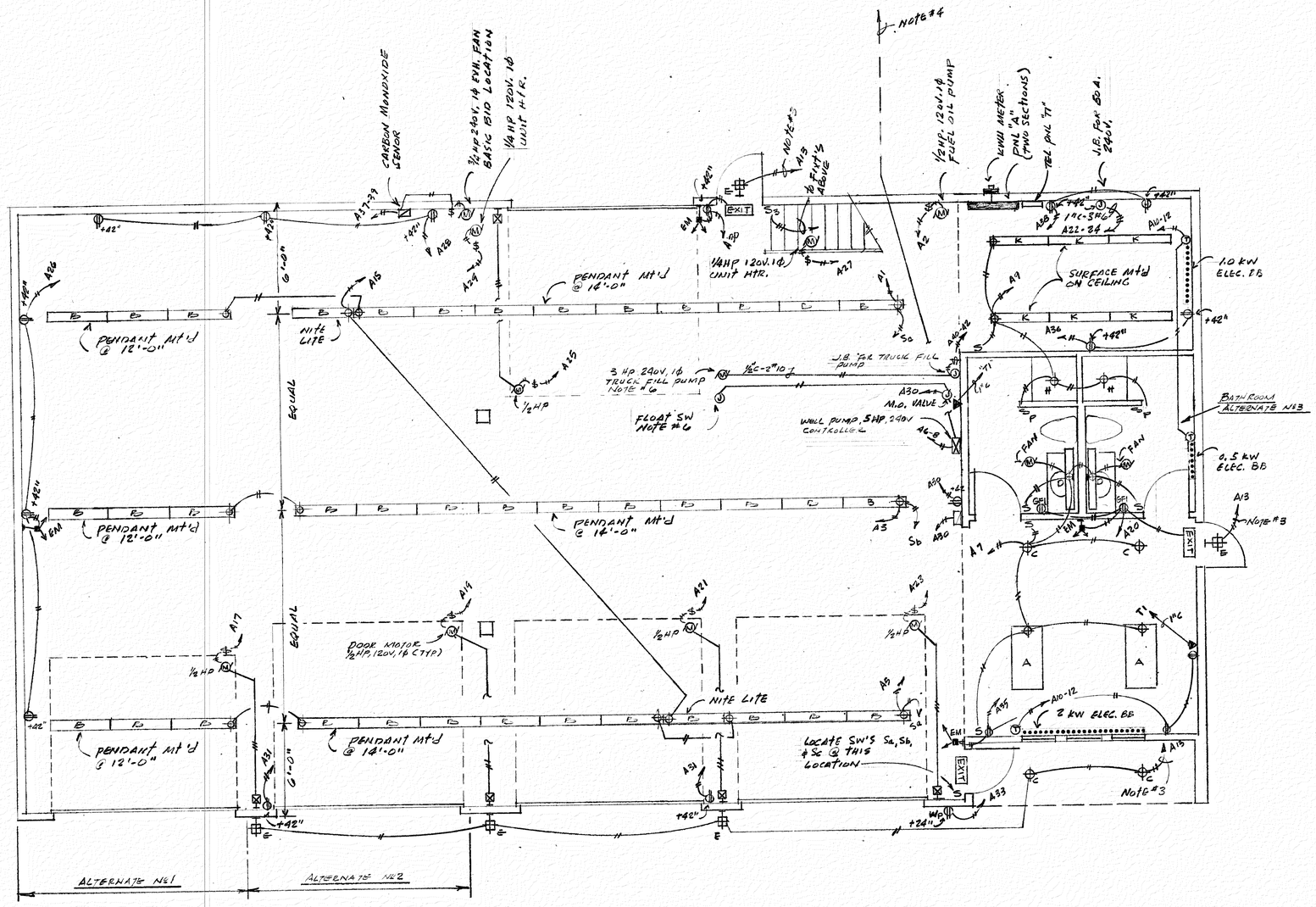
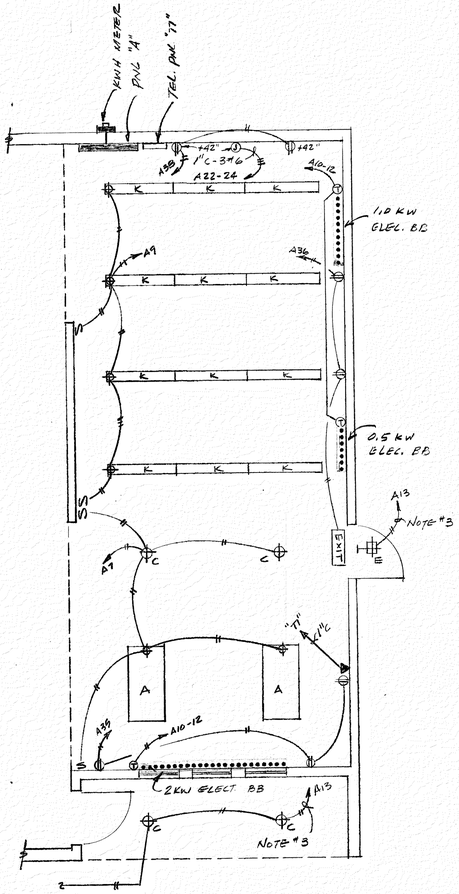


FIRST LEVEL FLOOR PLAN 1/4"=1'-0"



BASIC BID 1/4"=1'-0"

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project title DILLINGHAM FIRE STATION

project no.
date 17 JULY 84
drawn by TTR
revised

sheet title FLOOR PLAN LIGHTING & POWER

sheet no. E-1
of 2

FIXTURE SCHEDULE

SYMBOL	MANUFACTURE NAME	MANUFACTURE CAT. NO.	MOUNTING TYPE	MOUNTING HEIGHT	LAMP QUAN	LAMP TYPE	LAMP SIZE	REMARKS
A	LITHONIA	VC440A	SURFACE	CEILING	4	F40/CW	48"	
B	BENJAMIN	FL-1024-4U	PENDANT	VARIES	2	F40/CW	48"	
C	PRESCOLITE	847240	RECESSED	CEILING	1	R40-FL	150W	
D	LIGHTOLIER	4732	WALL	OVER MIRROR	3	INCAND	60W	—
E	HOLOPHANE	600-120 BA	BRACKET	12'-0"	1	HPS	100W	SEE MECH FOR HEIGHT
F	BRYANT	5228	SURFACE	CEILING	1	INCAND	150W	
H	PRESCOLITE	21KS-20	RECESSED	CEILING	1	INCAND	100W	
K	WAKEFIELD	PH-216-55	SURFACE	CEILING	2	F40/CW	48"	
EM	DUAL-LITE	CLA-206	SURFACE	WALL 10'-0"	2	INCAND	18W	BLACK FINISH
EXIT	DUAL-LITE	VARNWSG	SURFACE	WALL	2	15T6	–	

NOTES:

1. ELECTRICAL CONTRACTOR SHALL FURNISH, INSTALL & WIRE COMPLETE, ALL ELECTRIC HEATERS & THERMOSTATS.
2. BASEBOARD HEATERS SHALL BE SP. "D" - NELCO, RATED AS FOLLOWS:
   0.5 KW, 240V, 1φ - NELCO # 25242-4 W/ TX-1 THERMOSTAT
   1.0 KW, 240V, 1φ - NELCO # 25244 W/ TX-1 THERMOSTAT
   2.0 KW, 240V, 1φ - NELCO # 25248 W/ TX-1 THERMOSTAT
3. INSTALL PHOTO-CELL, "HAND-OFF-AUTOMATIC" SWITCH & CONTACTOR TO CONTROL ALL EXTERIOR LITES. MOUNT PHOTO-CELL 18" ABOVE ROOF. ALL WIRING TO BE 3/4"C-2#10.
4. WELL CONTRACTOR TO SUPPLY ELECTRICAL WIRING FROM PUMP TO JUNCTION BOX AT WELL HEAD. ELECTRICAL CONTRACTOR WILL SUPPLY & INSTALL 1"C-2#6 (BURY 24") AND J.B. FROM WELL HEAD TO PUMP CONTROL IN APPARATUS ROOM.
5. NOT USED.
6. CONNECT FLOAT SWITCH & PUMP (BELOW FLOOR LEVEL) AS INDICATED, SEE MECH DRAWINGS FOR DETAILS. ENTIRE FLOOR AREA TO A LEVEL OF 18" ABOVE THE FLOOR SHALL BE CONSIDERED TO BE CLASS I, DIVISION 2.
7. CONDUIT TO BE CONCEALED IN ALL AREAS EXCEPT IN APPARATUS ROOM.

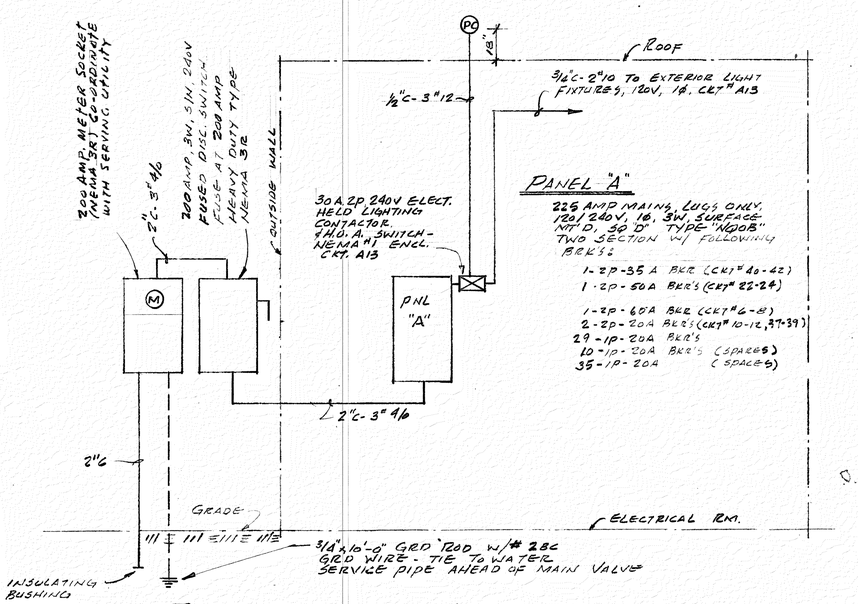
LEGEND:

- O OUTLET
- CONVENIENCE OUTLET - DUPLEX
- S SINGLE POLE SWITCH
- S_3 THREE-WAY SWITCH
- DISCONNECT DEVICE
- M MOTOR
- SAFETY SWITCH
- ELECTRICAL PANEL
- J JUNCTION BOX
- TELEPHONE OUTLET
- CONDUIT RUN - SLASH LINES INDICATE NO OF CONDUCTORS
- OVERHEAD DOOR CONTROLLER
- SINGLE RECEPTACLE - 20A, 2P, 3W GR'DING
- T THERMOSTAT
- S_P SINGLE POLE SWITCH WITH PILOT LITE
- ELECTRIC BASEBOARD HEATER
- WP DUPLEX OUTLET - WEATHERPROOF

CONNECTED LOAD:

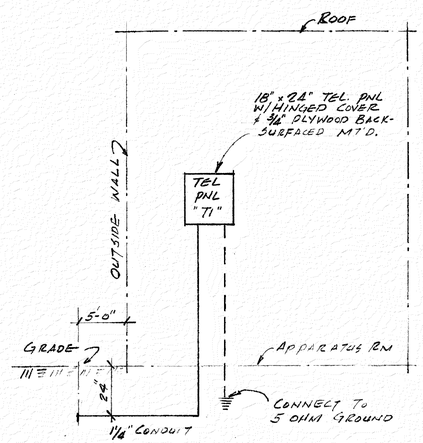
LITES	7.2	KW
RECEPT	5.2	KW
MOTOR	12.0	KW
POWER	10.0	KW
ELECT HEAT	3.5	KW
TOTAL	37.9	KW

@ 120/240V, 1φ = 158 AMPS
S/N 3 WIRE



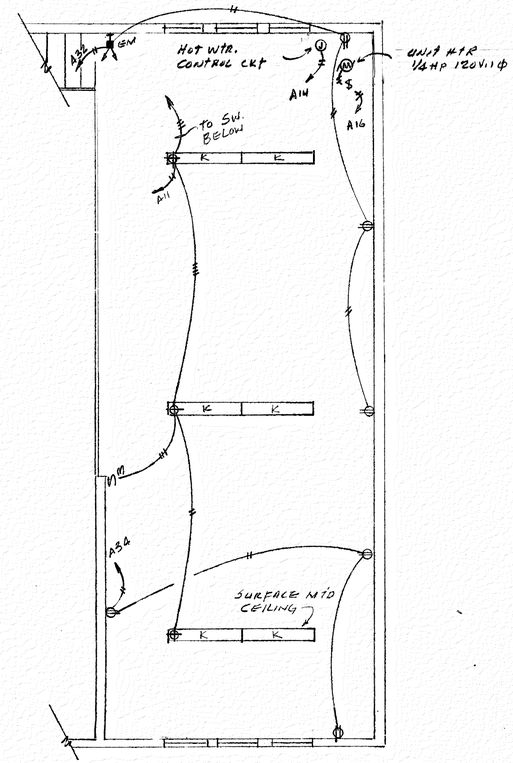
ELECTRICAL ONE LINE DIAGRAM

NO SCALE



TELEPHONE ONE LINE DIAGRAM

NO SCALE



SECOND LEVEL FLOOR PLAN 1/8" = 1'-0"

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sheet title: LEGEND & DIAGRAMS

sheet no. E-2

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