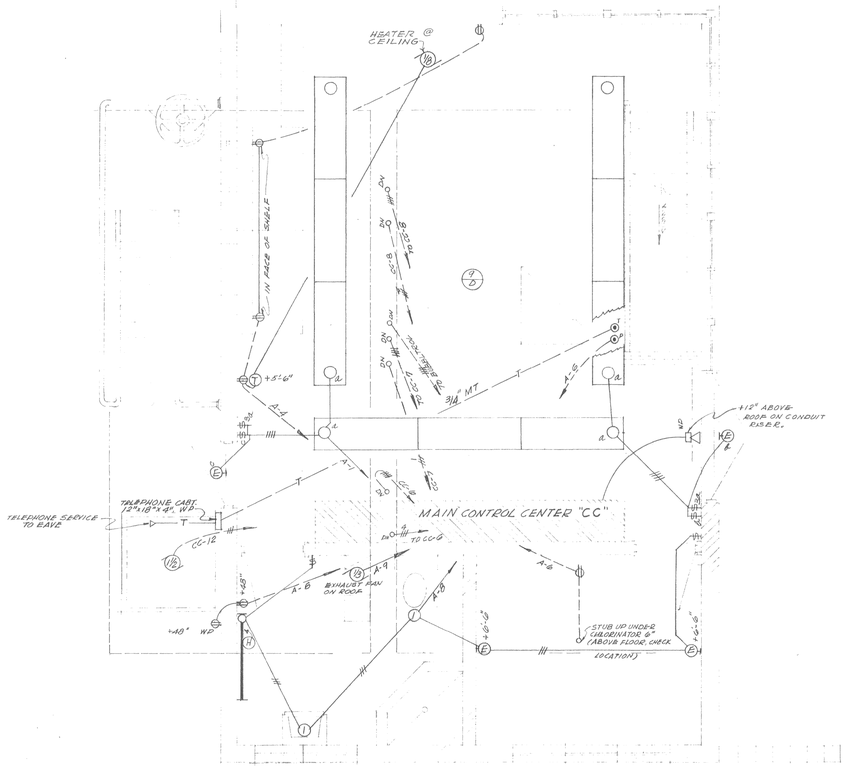
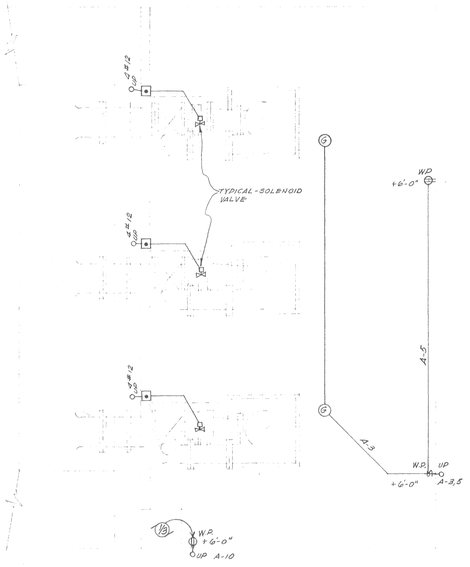


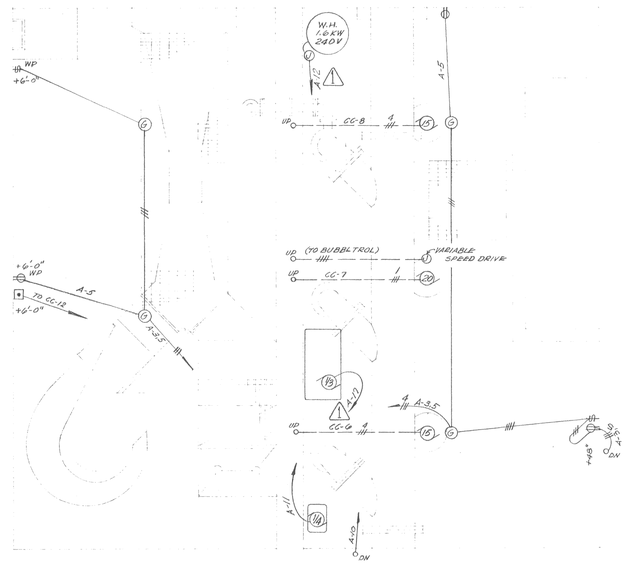
PLAN AT TOP SLAB

SCALE : 3/8" = 1'-0"



PLAN BELOW MOTOR FLOOR

SCALE : 3/8" = 1'-0"



PLAN BELOW TOP SLAB

SCALE : 3/8" = 1'-0"

DETAIL PANEL "A"

LOAD	WATT	SIZE		SIZE	WATT	LOAD
CONTROL ROOM LIGHTS	1155	20-1	1	2 20-1	1000	CONTROL POWER SUPPLY
LOWER ROOMS LIGHTS	900	"	3	4 "	1200	1/3 HP HEATER FAN & REC. O.L.
" " RECEPTACLES	800	"	5	6 "	800	RECEPTACLE OUTLETS
OUTSIDE LIGHTS	1200	"	7	8 "	550	TOILET ROOM LIGHTS
1/3 HP ROOF EXH. FAN	830	"	9	10 "	830	1/3 HP SUMP PUMP
1/3 HP MOTOR ROOM BLOWER	670	"	11			
BUBBLTROL POWER	1000	"	13	12 20-2	1600	WATER HEATER ⚠1
OUTSIDE LIGHTS	900	"	15	16 20-1	500	SPARE
COMPRESSOR ⚠1	830	20-1	17			
				18 15-3	1333	1 HP ELECTRIC HOIST
SPARE	500	20-1	19			

17.6 KVA - 49A

100 A MAINS

PANEL - WESTINGHOUSE #NDLAB 22-4 (3 ϕ, 4 W DELTA), BUS CONNECTIONS EXACTLY AS SHOWN.

DETAIL PANEL "B"

LOAD	WATT	SIZE		SIZE	WATT	LOAD
OUTSIDE LIGHTS	900	20-1	1	2 20-1	800	RECEPTACLE OUTLETS
HOUSE LIGHTS	1450	"	3	4 "	600	" "
CONTROL POWER	500	"	5	6 "	500	SPARE
SPARE	500	"	7			
SPARE	500	"	9	8 50-3	8380	7½ HP PORTABLE WELDER

SPACE ONLY

14.2 KVA = 88 AMPS

100 A MAINS

PANELBOARD - WESTINGHOUSE #NDLAB 12-3L100 WITH QUICKLAG P. BREAKERS, SURFACE MOUNTING.

FIXTURE SCHEDULE

SYM	DESCRIPTION	MAKER	CAT. NO.	LAMPS	WATTS	MOUNTING	REMARKS
A	POLE TOP CANOPY	BENJAMIN	N-5681-G	800/WB	300	15' HIGH TYPE STANDARD	SEE DETAIL OF TYPE STANDARD
B	"	"	N-5680-G W/ #811 SOCKET EXTENSION	300/WB	300	ON 1½" PIPE STANCHION @ +8'-0"	SEE DETAIL OF RAILING & PIPE STANCHION
C	NOT USED						
D	PLASTIC LOUVER BOTTOM	"	CT-240RS-4 W/# CTR 24 TOP REFLEC-TORS	(12)F40T12 WW/RS	95	ON BOTTOM OF CEILING BEAMS	CONTINUOUS ROW MOUNTING
E	WP OPAL GLOBE	HOLOPHANE	WB-125	150 A	150	ON WALL ABOVE DOOR	SATIN CHROME
F	ELM DOME	BENJAMIN	E-1802	150A	150	CEILING	W/ BALL ALIGNER & SHORT NIPPLE
G	V.T. OPAL GLOBE	"	6677-OP	150A	150	"	
H	PLASTIC SHIELDED STRIP	SUNBEAM	P2801-48	F40T12/WW RS	50	WALL OVER MIRROR	
I	SQUARE OPAL DROP GLASS	HOLOPHANE	7300	100A	100	CEILING	

SYMBOL LIST (CONTINUED)

FIXTURE TAG, SHOWING SYMBOL & QUANTITY.

JUNCTION BOX, 4" MIN. SIZE

SYMBOL LIST

SYMBOL	DESCRIPTION
———	BRANCH CIRCUIT CONCEALED, IN WALL OR CEILING
———	" " HOMERUN DIRECT TO PANEL BOARD
- - - -	" " CONCEALED, IN FLOOR OR UNDERGROUND.
—//—	ANY BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION IS 2#12 WIRES, SLASH MARKS INDICATE QUANTITY OF WIRES OTHER THAN 2. SIZES OTHER THAN #12 SHOWN THUS : —//// or —//— = 3#10 & 3#2 OR 3#10 & 2#2 RESPECTIVELY.
½" MT	EMPTY CONDUIT, SIZE AS NOTE, W/ #14 GA. GALV. STEEL PULL WIRE INSTALLED.
———	CONDUIT STUBBED OUT AS NOTED, CAPPED & MARKED.
—T—	TELEPHONE SYSTEM CIRCUIT
NIEC	NOT IN ELECTRICAL CONTRACT
W.P.	WEATHER PROOF
+48", 5'-6" ETC.	HEIGHT ABOVE ADJACENT FINISHED FLOOR, TO ℄ OF OUTLETS.
(T)	THERMOSTAT OUTLET
(T)	FLOOR OUTLET FOR TELEPHONE - NATIONAL #800 BOX W/ # 804C FITTING
(P)	" " " POWER - " " " W/ #8038C FITTING
	RECEPTACLE OUTLET +18" OR AS NOTED
WP	WEATHER PROOF RECEPTACLE OUTLET H&H #5251 IN FD BOX W/ H&H #XT 7420 COVERPLATE
	RECEPTACLE, 220 V, 50 A, 1 ϕ 3 WIRE
	SINGLE WEATHERPROOF 20A, 4W, "HARTLOCK" RECEPTACLE, H&H #XT 7410, IN FD BOX W/ #XT-7420 COVERPLATE, AND W/ 1-#XT-7411 CAP & #XT-7541 RUBBER COVER.
	FLUORESCENT LIGHT OUTLET
	" " "
(F)	CEILING LIGHT OUTLET, INCANDESCENT W/ FIXTURE SYMBOL.
(A)	LIGHT ON STANDARD " " " .
(E)c	LIGHT OUTLET, INCANDESCENT, WALL " " " , SUBSCRIPT INDICATES SWITCH.
(S)	MOTOR OUTLET W/ HP NOTED.
	STOP PUSH BUTTON W/ LOCKOUT. WP
	START-STOP PUSH BUTTON W/LOCKOUT. WP
	MECHANICAL OVERLOAD CUTOUT (NIEC) SEE EQUIPMENT SPEC. WP
	SOLENOID VALVE (NIEC) " " "
	ALARM HORN WP
	MAGNETIC STARTER OR RELAY
ϕ_{2L}	WALL SWITCH, +48" OR AS NOTED. SUBSCRIPT INDICATE OUTLET SWITCH.
ϕ_3	THREE WAY SWITCH.
	PRESSURE SWITCH (NIEC).
	LIMIT SWITCHES (NIEC).

AS BUILT

REVISION	DATE	DESCRIPTION	BY	APP
⚠1 A.B.	5-1-61	Re-arranged panel	R.A.B.	

CITY OF OROVILLE
BUTTE COUNTY, CALIFORNIA

SEWAGE TREATMENT PLANT

CONTROL BUILDING ELECTRICAL

DEWANTE AND STOWELL
SANITARY AND CIVIL ENGINEERS — SACRAMENTO, CALIFORNIA

JOB No. 3933
DESIGN J.D
CHECKED M.F.A
DATE MAR. '59

MARIO F. AJELLO
Electrical Engineer
Reg. #5466
Carmichael, Calif.

DRAWN: M.A.
CHECKED: R.H.D.
DATE: Mar 1959

SUBMITTED:
APPROVED:

SHEET NO. 35 OF 36

SS 157

LIETZ 1118 TOPFLIGHT 200 1-59