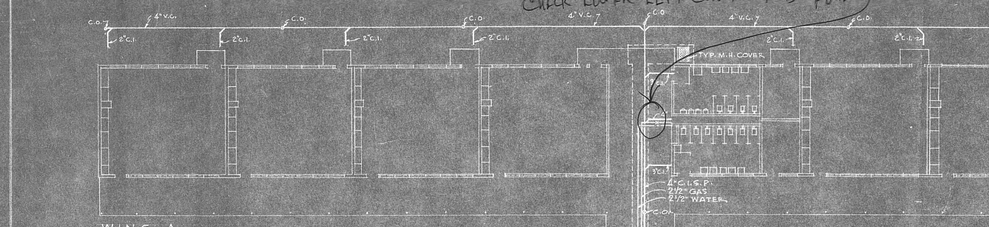
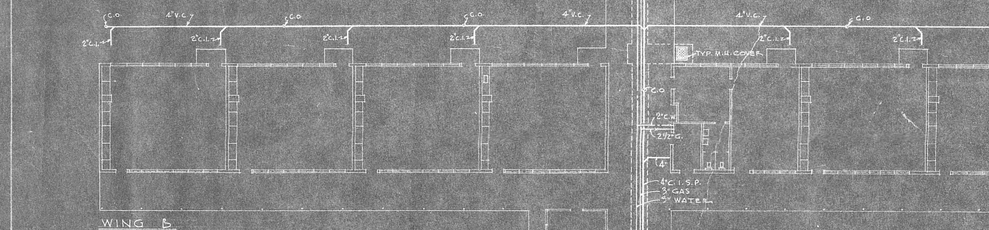
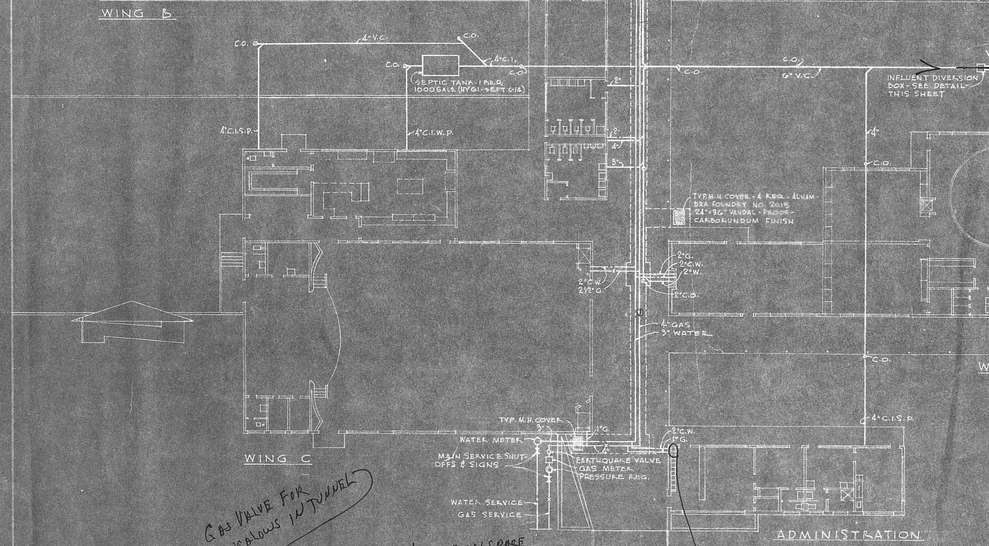
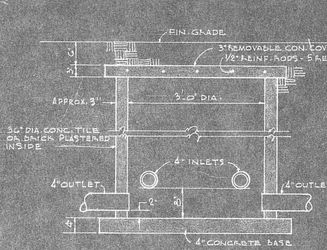


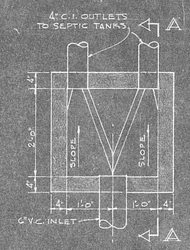




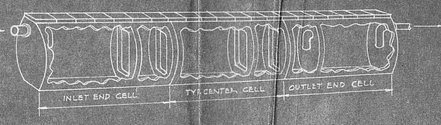


EFFLUENT DIVERSION BOX

SCALE: 3/4" = 1'-0"

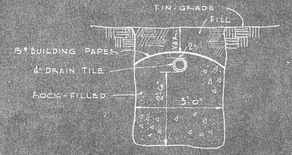


PLAN VIEW



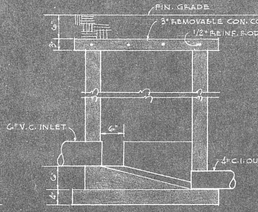
"HYGI-SEPT" BATTERY INSTALLATION

NO SCALE



DRAIN TRENCH DETAIL

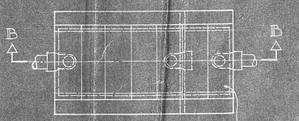
NOT TO SCALE



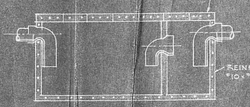
SECTION A-A

INFLUENT DIVERSION BOX

SCALE: 3/4" = 1'-0"



PLAN



SECTION B-B

SINGLE CELL

NO SCALE

TYPICAL DETAIL - PIPING UNDER CONCRETE SLAB

NOT TO SCALE

LEGEND

C.W.	COLD WATER
H.W.	HOT WATER
G.	GAS
S.OR.W.P.	SOIL OR WASTE PIPE
V. OR V.OFF.	VENT OR VENT OFFSET
V.T.H.	VENT THRU ROOF
C.I.	CAST IRON
V.C.	VITRIFIED CLAY

SCHEDULE OF PLUMBING FIXTURE CONNECTIONS

FIXTURE	ABBREV.	SOIL OR WASTE	TRAP	VENT	H.W.	C.W.	REMARKS
LAVATORY	LAV.	2"	1 1/2"	1 1/2"		1/2"	
WATER CLOSET (FLUSH)	W.C.	4"	INT.	2" OR 4"		1"	1" FLUSH VALVE
WATER CLOSET, TANK	W.C.	4"	INT.	2" OR 4"		1/2"	
URINAL	U.	2"	2"	1 1/2"		1"	3/4" FLUSH VALVE
SERVICE SINK	S.S.	3"	2"	2"		3/4"	
SINK (KITCHEN TYPE)	SK.	2"	1 1/2"	1 1/2"	①	1/2"	
DRINKING FOUNTAIN	D.F.	2"	1 1/2"	1 1/2"		1/2"	
SHOWER	SH.	2"	2"	2"	1/2"	1/2"	WASTE TO 2" SH. DRAIN
HOSE BIBB	H.B.					3/4"	
FIRE HOSE CABINET	F.H.C.					2"	1 1/2" ANGLE HOSE VALVE
FLOOR DRAIN	F.D.	2"	2	2"			3" WASTE IN KITCHEN
FLOOR SINK	F.S.	3"	2"	②			
DISHWASHER	D.W.	2"	③		3/4"		1/2" GAS
RINSE SINK	S.K.	3"	1 1/2"	②	1/2"	1/2"	
DEEP SINK		3"	2"	②	3/4"	3/4"	
SCULLERY SINK		3"	③		3/4"	3/4"	

① NO HOT WATER EXCEPT AS INDICATED
② CONTINUOUS WASTE & VENT
③ WASTE TO GREASE TRAP

FORCED AIR HEATING UNITS

NO.	NO. REQ.	BTU / HR. OUTPUT	ELEC. SIZE	GAS CONN.	FAN MIN.	FAN R.P.M.	FAN C.F.M.	MOTOR H.P.	REMARKS
(A)	14	64,800	5"-0	3/4"	1 0	5"	535	900	1/4	JANITROL FAC 90-14
(B)	2	108,000	7"-0	3/4"	2 0	5"	510	1500	1/3	JANITROL FAC 150-14
(C)	2	129,600	7"-8	1"	2 0	5"	520	1800	1/3	JANITROL FAC 180-14
(D)	1	53,950	5"-4	3/4"	1 0	5"	1040	995	1/50	JANITROL UAC 25-14

PANEL HEATERS

NO.	NO. REQ.	BTU / HR. INPUT	ELEC. SIZE	GAS CONN.	REMARKS
(E)	1	10,000	1 DIAL	1/2"	DAY & NIGHT 10 WP
(F)	1	30,000	1 DIAL	3/4"	" 30 WP.
(G)	1	30,000		3/4"	" 10-20 WP
(H)	1	40,000		3/4"	" 20-30 WP

GAS VALVE FOR BUNGALOWS IN TUNNEL

3/4" GOES TOWARD BUNGALOWS NO GAS COCK

1 1/2" WATER

GAS VALVE WING

GAS VALVE LOCATED IN SPACE BETWEEN BOYS & GIRLS R.R.

GAS & WATE VALVES FOR OFFICE

FLOOR PLAN

SCALE 1/16" = 1'-0"

HILBURG, BYLER & HENGSTLER
MECHANICAL AND ELECTRICAL
ENGINEERS

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

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ERNEST L. McCOY, A.I.A.

DATE 6/15/48
DRAWN BY
CHECKED
SHEET NO.