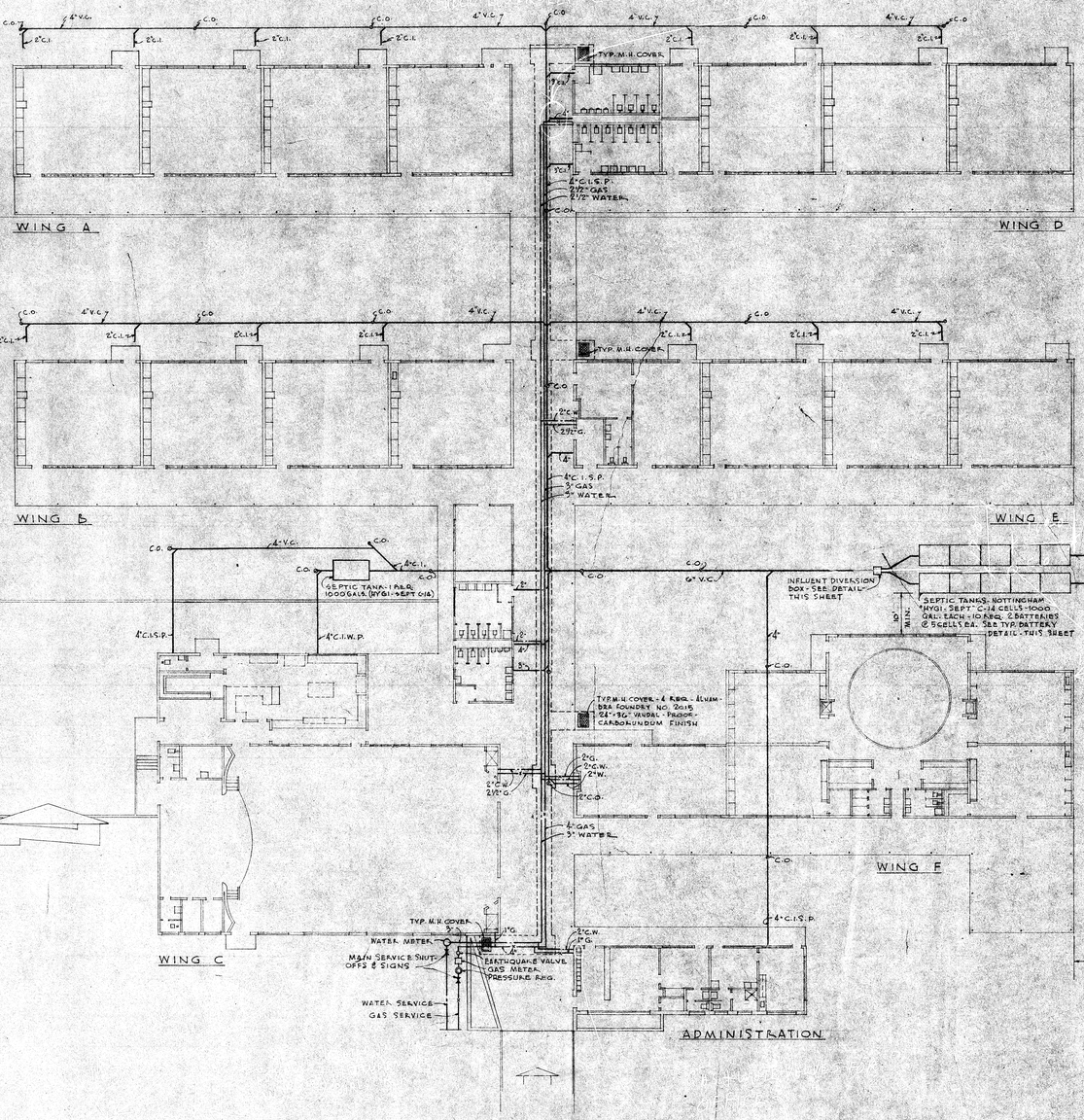
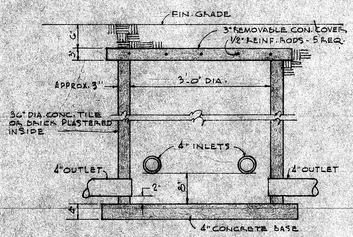


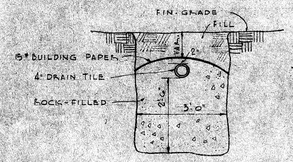
FLOOR PLAN

SCALE 1/16" = 1'-0"



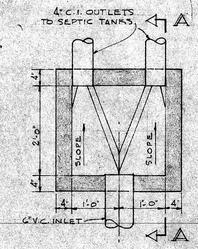
EFFLUENT DIVERSION BOX

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

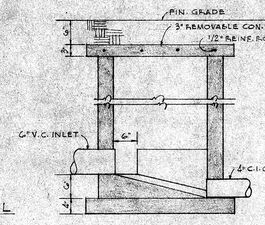


DRAIN TRENCH DETAIL

NOT TO SCALE



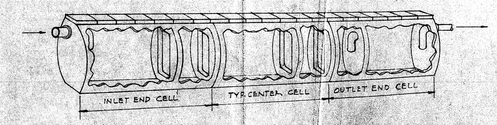
PLAN VIEW



SECTION A-A

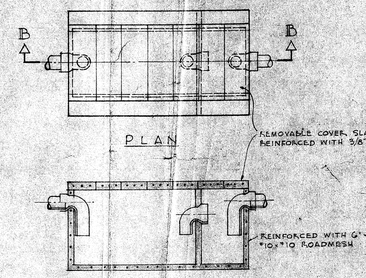
INFLUENT DIVERSION BOX

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



"HYGI-SEPT" BATTERY INSTALLATION

NO SCALE

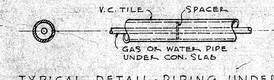


PLAN

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.R.	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	L.AV.	2"	1 1/2"	1 1/2"		1/2"	
WATER CLOSET (FLUSH)	W.C.	4"	INT.	2" OR 4"		1 1/4"	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		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	FLUE SIZE	GAS CONN.	FAN MIN.	FAN DIA.	FAN R.P.M.	FAN C.F.M.	MOTOR H.P.	REMARKS
(A)	14	64,800	5"ϕ	3/4"	1	5"	535	900	1/4	JANITROL FAC 90-14
(B)	2	108,000	7"ϕ	3/4"	2	8"	510	1500	1/3	JANITROL FAC 150-14
(C)	2	129,600	7"ϕ	1"	2	13"	520	1800	1/3	JANITROL FAC 180-14
(D)	1	53,950	5"ϕ	3/4"	1	14"	1040	995	1/25	JANITROL UAC 65-14

PANEL HEATERS

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

HILBURG, BYLER & HENGSTLER
MECHANICAL AND ELECTRICAL ENGINEERS
257 SOUTH SPRING STREET
LOS ANGELES 12 CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
DIV. OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
APPROVED 7-22-48
5743
BY DEPUTY STATE ARCHITECT OR ASSISTANT STRUCTURAL ENGINEER

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1612 19TH ST. CALIFORNIA

DATE 6/15/48
DRAWN BY
CHECKED
SHEET NO. M-1
OF 8 SHEETS