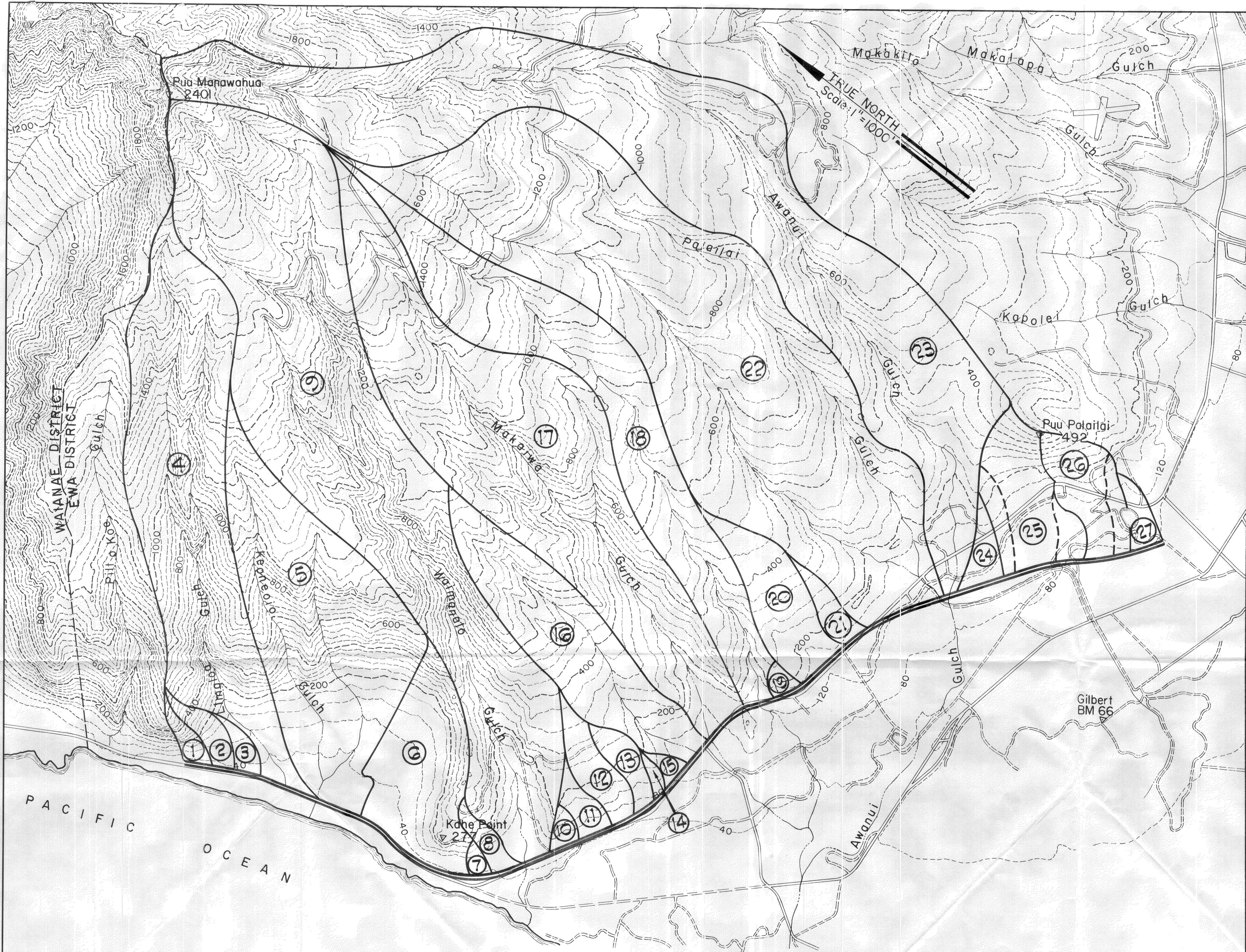


ORIGINAL PLAN
SURVEY PLOTTED BY
DRAWN BY
DESIGNED BY
NOTE BOOK
QUANTITIES BY
CHECKED BY
No.

DATE

No.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-09008		1	1

AREA	AREA (ACRES)	Tc (MIN)	I	RXC	RUN-OFF CFS	CULVERT STATION	CULVERT SIZE				INLET INVERT ELEV.	ENTRANCE CONTROL (USE LARGER VALUE)	HEADWATER ELEV. @ INLET	REMARKS
							RCCP	H.W. (FT.)	CGMP	H.W. (FT.)				
①	12	10	6.2	0.4	30	-1+64	30"	2.0	30"	3.6	10.6	3.6	23.2	
②	18	15	5.5	0.4	40	4+00	30"	3.8	36"	3.7	27.1	3.8	30.0	
③	10	15	5.5	0.4	22	12+50	24"	3.0	24"	3.5	27.5	3.5	31.0	
④	300	45	3.8	0.5	740	—	—	—	—	—	—	—	—	REALIGNED STREAM
④ & ⑤	720	45	3.8	0.5	1370	24+28	56" x 4'	—	—	—	4.25	3.0	8.15	BRIDGE
⑥	130	20	5.0	0.5	325	30+15	72"	8.8	84"	8.0	10.7	8.8	10.5	
⑦	6	10	6.2	0.4	15	—	—	—	—	—	—	—	—	
⑧	15	10	6.2	0.4	37	61+13	—	—	50+31"	2.8	31.15	2.8	33.95	
⑨	730	50	3.6	0.5	1320	67+75	—	—	3+06"	0.3	46.0	0.3	55.3	
⑩	7	10	6.2	0.4	18	—	—	—	—	—	—	—	—	
⑪	16	15	5.5	0.4	35	81+26	36"	3.8	36"	4.2	37.5	4.2	41.7	
⑫	34	20	5.0	0.4	68	—	—	—	—	—	—	—	—	
⑬	20	15	5.5	0.4	44	84+00	2-42"	3.8	2-42"	4.7	37.0	4.7	41.7	
⑭	5	10	6.2	0.4	13	—	—	—	—	—	—	—	—	
⑮	7	10	6.2	0.4	18	98+35	24"	2.5	36+22"	2.8	75.5	2.8	78.3	
⑯	175	28	4.4	0.4	150	104+57	2-42"	4.5	2-38"	4.4	87.0	4.5	91.5	} Run-off split
—	—	—	—	—	150	106+77	2-48"	4.0	2-36"	4.6	92.5	4.6	97.1	
⑰	520	45	3.8	0.5	990	110+43	16"-T.W. SECTIONAL PLATE PIPE ARCH	10'-11"	10'-11"	4.6	92.5	4.6	97.1	
⑱	310	45	3.8	0.5	590	121+70	—	—	2-84"	7.0	141.0	7.0	148.0	
⑲	7	10	3.8	0.4	17	125+20	24"	2.3	24"	2.5	143.5	2.5	146.0	
⑳	80	20	5.0	0.4	160	136+34	60"	5.8	60"	6.0	139.5	6.0	145.5	
㉑	18	15	5.5	0.4	40	146+89	36"	3.1	36"	3.3	141.7	3.3	145.0	
㉒	800	45	3.8	0.5	1520	161+20	—	—	2-120"	7.6	103.0	7.6	111.5	
㉓	780	70	3.0	0.5	1170	162+75	—	—	2-108"	6.5	104.3	6.5	110.8	
㉔ & ㉕	120	30	4.2	0.4	160	185+00	2-42"	4.0	2-48"	5.3	78.50	5.3	83.8	
㉖ & ㉗	68	30	4.2	0.4	112	192+50	3-30"	3.5	3-30"	2.8	77.5	3.5	81.0	

NOTE: Tc = Time of Concentration

NOTE:
Dash line on Drainage Map in Areas 24, 25, & 26 have been used to obtain the respective intermediate areas.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE MAP

FARRINGTON HIGHWAY
PROJECT NO. S-0900(3)

JUNE, 1964
SHEET NO. 1 OF 1 SHEETS