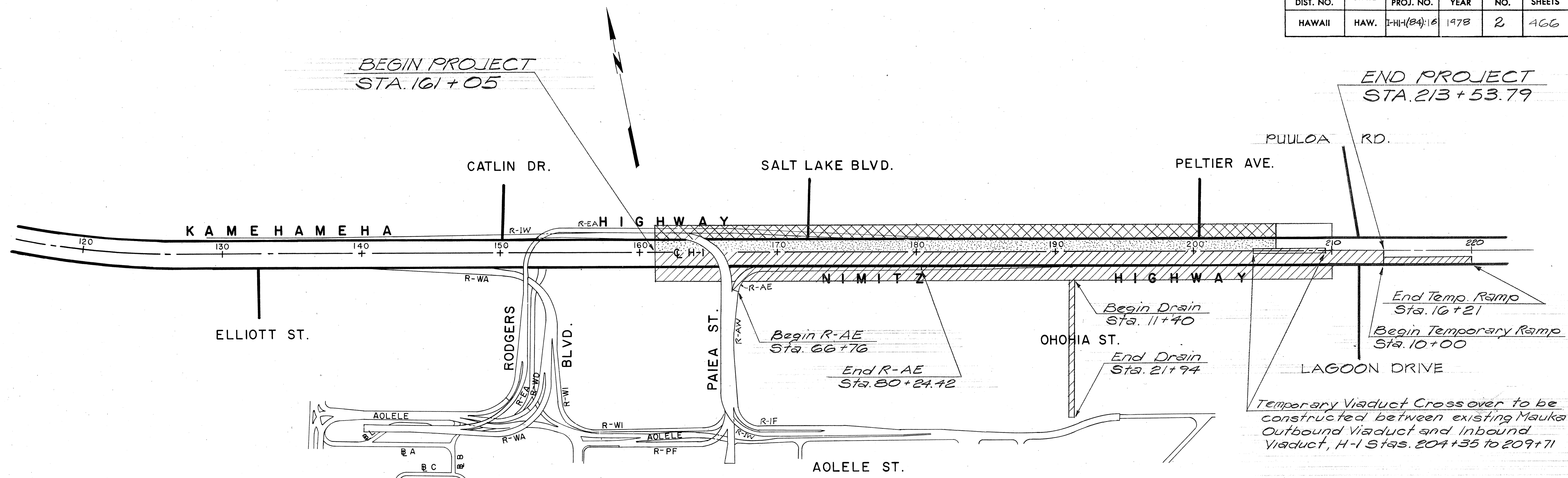


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI(84)16	1978	2	466



DETOUR TRAFFIC ROUTING

Phase I - All inbound and outbound traffic is on or below the existing Outbound Viaduct.

Phase II - Same as Phase I except Inbound Ground-Level Traffic is on ultimate Makai Frontage Road

Phase III - Same as Phase II except Outbound Ground-Level Traffic is on Median side of ultimate Mauka Frontage Road

PHASE	WORK DESCRIPTION	WORKING DAYS															
		40	80	120	160	200	240	280	320	360	400	440	480	520	560	600	640
I	* CONSTRUCT VIADUCT (STAS. 204+35 TO 213+53.79) INCLUDING: TEMPORARY VIADUCT CROSS-OVER, TEMPORARY RAMP II, & LIGHTING (VIADUCT CROSS-OVER PAVING, SIGNING & STRIPING TO BE DONE BY OTHERS)																
	** CONSTRUCT VIADUCT (STAS. 168+36 TO 204+35) INCLUDING: LIGHTING, PERMANENT STRIPING AND LANE DROP STRIPING FROM STAS. 168+36 TO 201+74																
	△ ** CONSTRUCT RAMP R-AE STRUCTURE																
	CONSTRUCT VIADUCT (STA. 161+05 TO 168+36) INCLUDING LIGHTING & PERMANENT STRIPING																
	CONSTRUCT DRAINAGE - MAKAI FR. RD. & SERV. RDS.																
	CONSTRUCT OHOHIA ST. DRAIN																
	CONSTRUCT MAKAI FR. RD. & SERV. RDS. B, C, & D																
	SIGNING, STRIPING, & SIGNALIZATION - MAKAI FR. RD. & SERV. RDS. (STA. 161+05 TO 206+00)																
II	CONSTRUCT MAUKA FR. RD. (MEDIAN SIDE) - USE PHASE II CONSTRUCTION DETOUR																
II	CONSTRUCT MAUKA FR. RD. (MAUKA SIDE) - USE PHASE III CONSTRUCTION DETOUR																
	SIGNING, STRIPING, & SIGNALIZATION - MAUKA FR. RD. (STA. 161+00 TO 206+00)																
	SIGNING & STRIPING - TEMP. FR. RD. CROSS-OVER AT LAGOON DR. (STA. 206+00 TO 210+00)																
	SIGNING & STRIPING - INBOUND VIADUCT (STA. 201+74 TO 211+78) TEMP. 2 LANES CONNECTING TO RAMP II																
	LANDSCAPE IRRIGATION (STA. 162+00 TO 206+00)																
IV	CONST. FRONTAGE RD. CROSSOVER AT LAGOON DRIVE.																
* See Note 1 ** See Note 2		CONTRACT LIMITS - 480 WORKING DAYS															

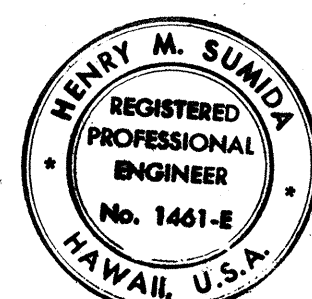
LEGEND

	Phase I
	Phase II
	Phase III

NOTES:

1. MANDATORY (220 W.D. or less) - See Special Provision Subarticle 108.08 Failure to Complete on Time and Liquidated Damages regarding additional liquidated damages.
2. MANDATORY (360 W.D. or less) - See Special Provisions Subarticle 108.08 Failure to Complete on Time and Liquidated Damages regarding additional liquidated damages.

1	10-2-78	DELETED "REMOVE CHEVRON SERV. STATION"
NO	DATE	REVISION



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

Henry M. Sumida

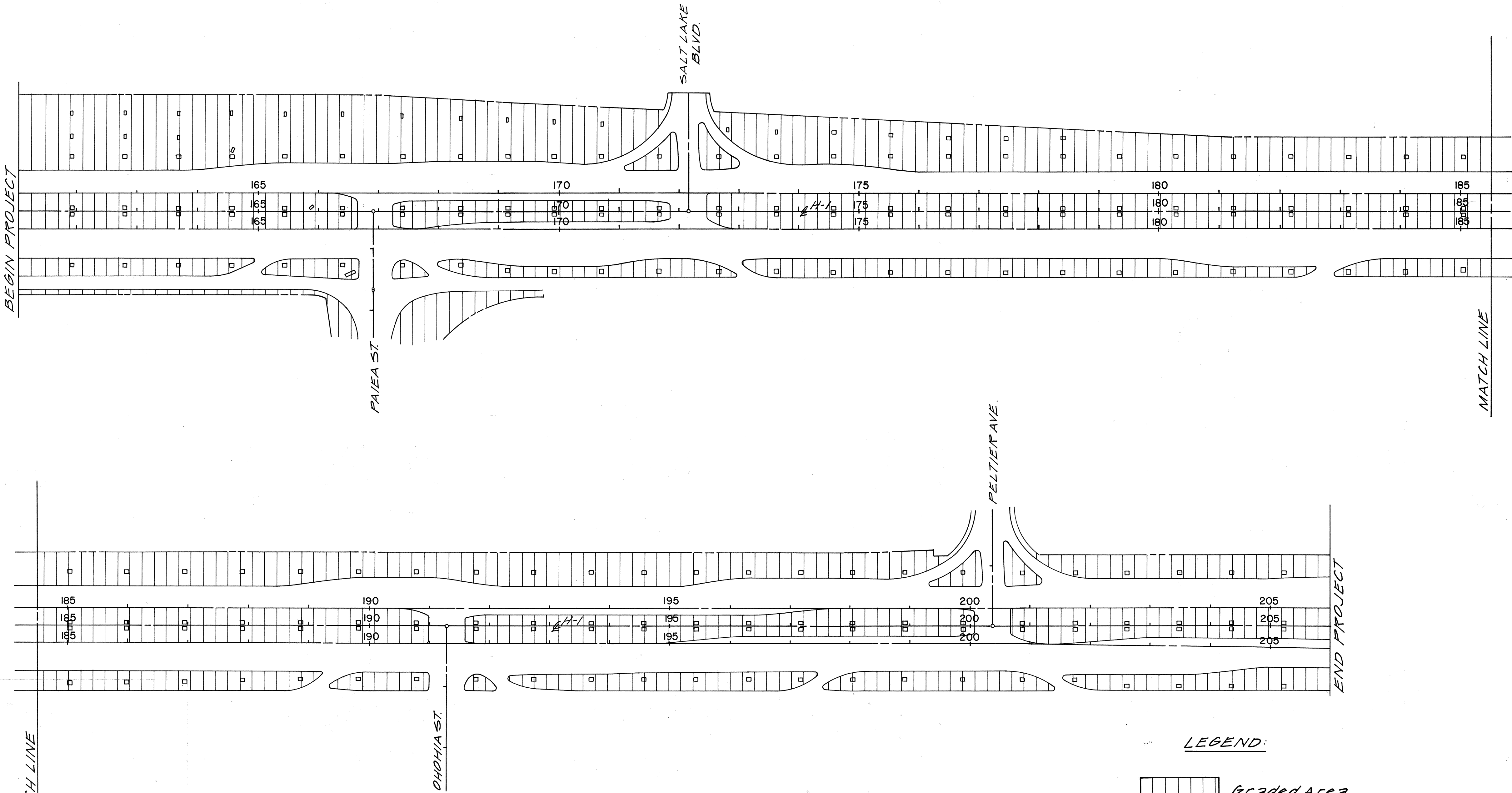
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONSTRUCTION PHASING (RECOMMENDED) (EXCEPT AS INDICATED OTHERWISE) AIRPORT INTERCHANGE F.A.I. PROJ. NO. I-HI(84)16 SCALE: NONE DATE: SEP. 30, 1977 SHEET No. / OF / SHEETS
--

ADD 2

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HH-1(B4)-16	1978	2A	466

GRADING NOTES

1. ALL GRADING WORK SHALL BE DONE IN ACCORDANCE WITH CHAPTER 23, GRADING, SOIL EROSION AND SEDIMENT CONTROL, OF THE REVISED ORDINANCES OF HONOLULU, 1969, AS AMENDED (ORDINANCE NOS. 3968, 4294 AND 4538).
2. THE CONTRACTOR SHALL REMOVE ALL SILT AND DEBRIS RESULTING FROM HIS WORK AND DEPOSITED IN DRAINAGE FACILITIES, ROADWAYS AND OTHER AREAS. THE COSTS INCURRED FOR ANY NECESSARY REMEDIAL ACTION BY THE CHIEF ENGINEER SHALL BE PAYABLE BY THE CONTRACTOR.
3. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AREA AND SURROUNDING AREA FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION CONTROL STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH.
4. THE CITY SHALL BE INFORMED OF THE LOCATION OF THE BORROW/DISPOSAL SITE FOR THE PROJECT WHEN THE APPLICATION FOR A GRADING PERMIT IS MADE. THE BORROW/DISPOSAL SITE MUST ALSO FULFILL THE REQUIREMENTS OF THE GRADING ORDINANCE.
5. NO GRADING WORK SHALL BE DONE ON SATURDAYS, SUNDAYS AND HOLIDAYS AT ANY TIME WITHOUT PRIOR NOTICE TO THE ENGINEER.
6. THE LIMITS OF THE AREA TO BE GRADED SHALL BE FLAGGED BEFORE THE COMMENCEMENT OF THE GRADING WORK.
7. ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS CONTAINED IN THE PUBLIC HEALTH REGULATIONS, STATE DEPARTMENT OF HEALTH, ON WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS.
8. TEMPORARY EROSION CONTROL PROCEDURES SHALL BE SUBMITTED FOR APPROVAL PRIOR TO APPLICATION FOR A GRADING PERMIT.
9. ALL SLOPES AND EXPOSED AREAS SHALL BE SODDED OR PLANTED IMMEDIATELY AFTER THE GRADING WORK HAS BEEN COMPLETED.



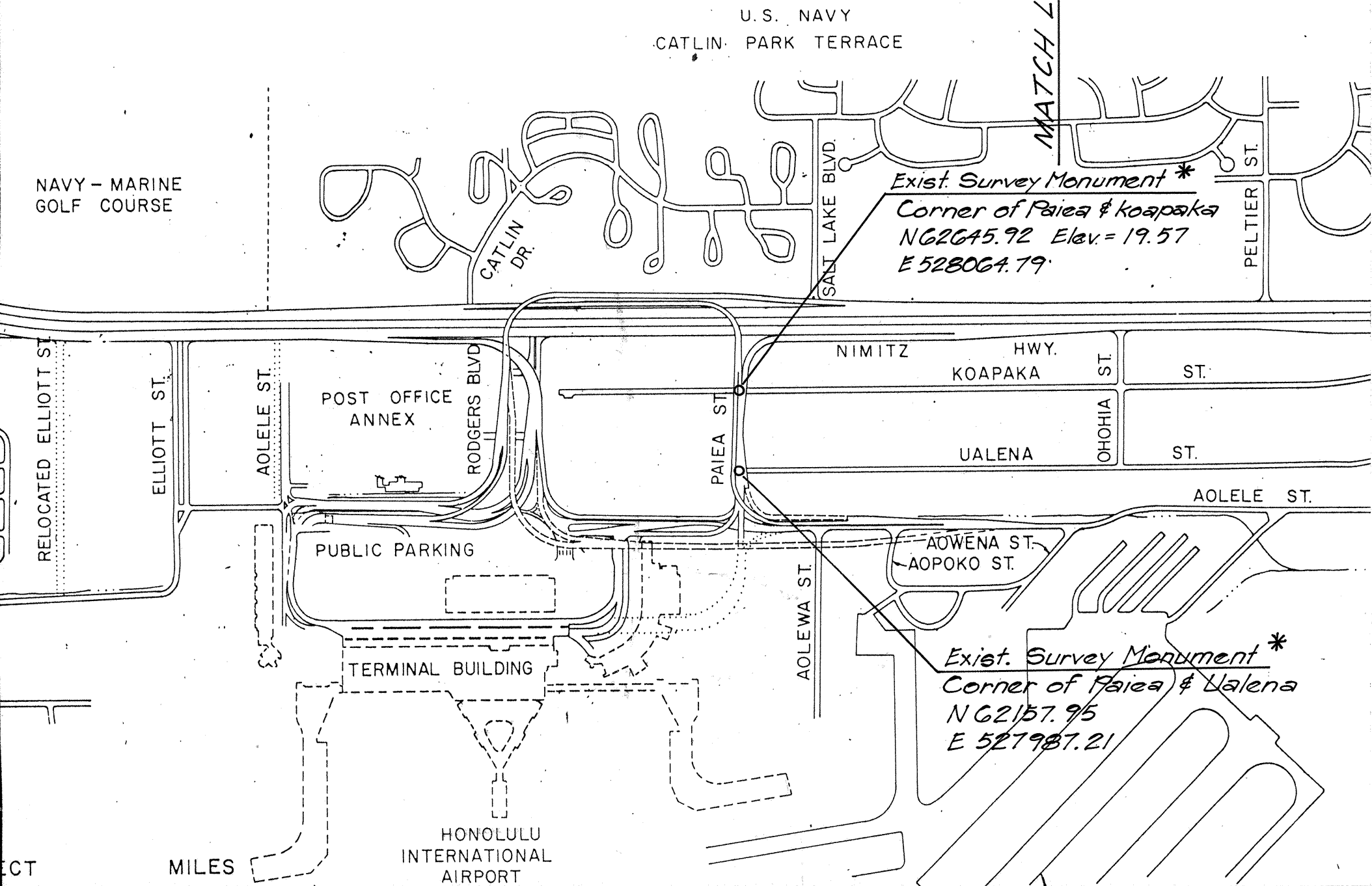
GRADING LIMITS
SCALE: 1" = 100'

TAX MAP KEY NO. 1-1-10-35
TOTAL GRADED AREA = 11.4 ACRES
TOTAL EXCAVATION = 15,750 C.Y.
TOTAL EMBANKMENT = 10,330 C.Y.

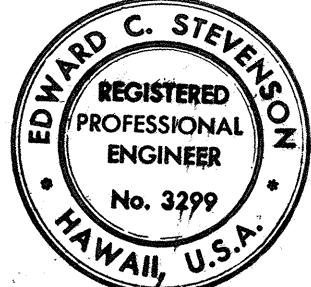
LEGEND:

Graded Area

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



* Contractor to verify Monument, Coordinates and Elevation w/ Engineer.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Edward C. Stevens
Signature

APPROVED FOR GRADING ONLY:

Wallace Oshiro 2/1/79
DIRECTOR & CHIEF ENGINEER, DPW DATE

J. H. Young 2/1/79
CHIEF, DIVISION OF ENGINEERING, DPW DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

GRADING LIMITS AND NOTES

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. HH-1(B4)-16

SCALE: AS SHOWN DATE: 2/1/79

SHEET No. 2A OF 466 SHEETS

NO.	DATE	REVISION
1	1-18-79	Added New Sheet