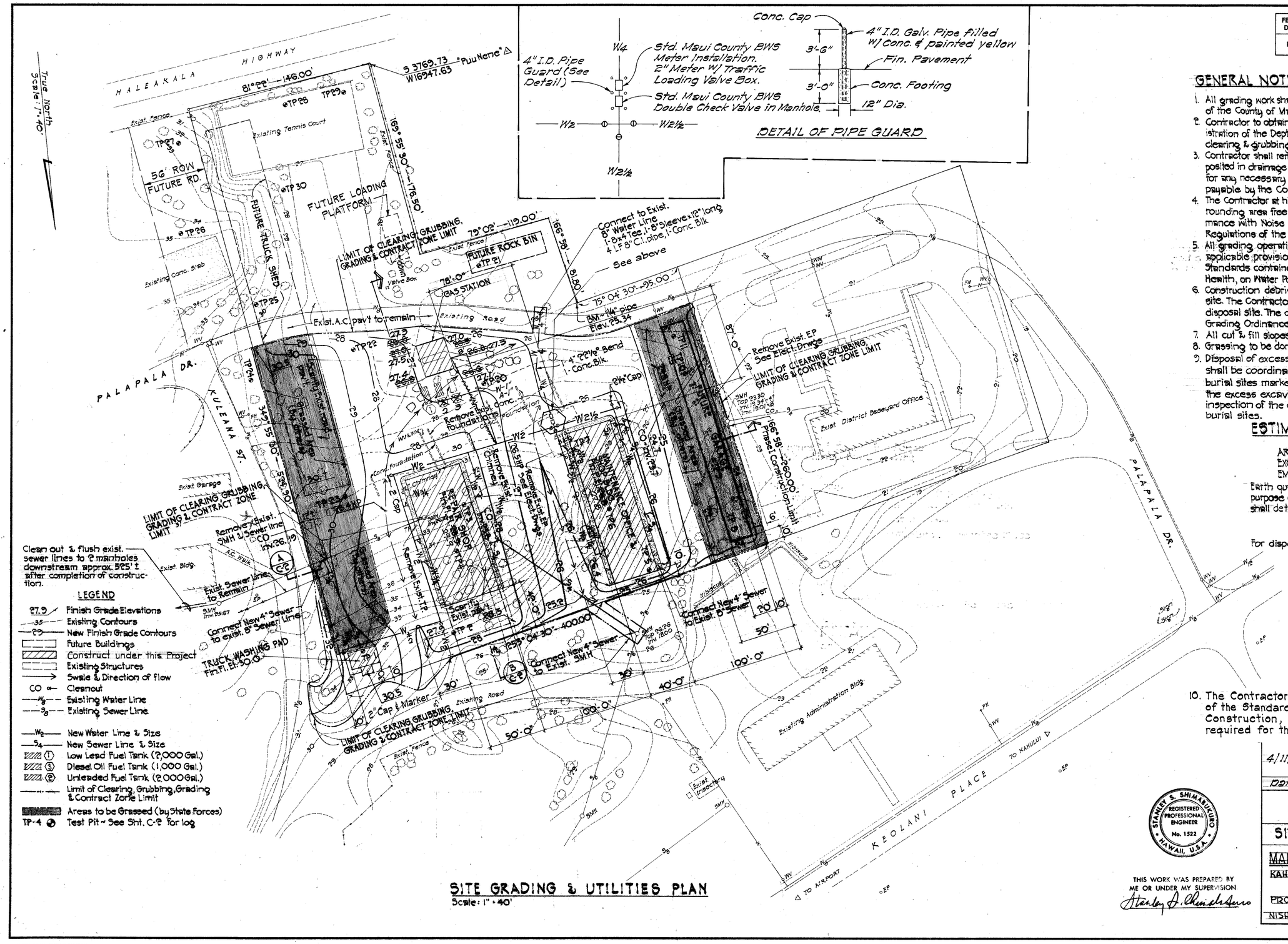
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-01-75	1977	2	32



DETAIL OF PIPE GUARD

GENERAL NOTES

1. All grading work shall be done in accordance with the Grading Ordinance of the County of Maui.
2. Contractor to obtain a Grading Permit from the Land Use & Code Administration of the Dept. of Public Works prior to commencement of any clearing & grubbing. Permit considered incidental to contract.
3. Contractor shall remove all silt & debris resulting from his work & deposited in drainage facilities, roadways & other areas. The cost incurred for any necessary remedial action by the Chief Engineer shall be payable by the Contractor.
4. The Contractor at his own expense, shall keep the project area & surrounding area free from dust & nuisance. The work shall be in conformance with Noise Code Standards & the Air Pollution Control Stds. & Regulations of the State Dept. of Health.
5. All grading operations shall be performed in conformance with the applicable provisions of the Water Pollution Control & Water Quality Standards contained in the Public Health Regulations, State Dept. of Health, on Water Pollution Control & Water Quality Standards.
6. Construction debris & wastes shall be deposited at an appropriate site. The Contractor shall inform the Engineer of the location of the disposal site. The disposal site must fulfill the requirements of the Grading Ordinances.
7. All cut & fill slopes shall be 2:1 max.
8. Grassing to be done by State forces.
9. Disposal of excess excavation on the designated site (Sht. C-2) shall be coordinated with the Kahului Airport Manager. The exist. burial sites marked by large stones shall not be covered by the excess excavation. The Contractor shall make a pre-bid inspection of the disposal site to ascertain the location of the burial sites.

ESTIMATED EARTH QUANTITIES

AREA TO BE GRADED	2.5 Acres
EXCAVATION	8,960 C.Y.
EMBANKMENT	835 C.Y.

Earth quantities are estimates only & are only for the purpose of obtaining a Grading Permit. The Contractor shall determine his own quantity & bid accordingly.

For disposal of excess excavation site, See Sht. C-2.

10. The Contractor's attention is directed to Section 107.08 of the Standard Specifications for Road & Bridge Construction, 1976 for Permits, Licenses & Taxes required for the project.

Date	Revision
4/11/78	Added double check valve in manhole & 4" pipe guard.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE GRADING & UTILITIES PLAN

MAUI DISTRICT BASEYARD PHASE II

KAHULUI MAUI HAWAII

PROJ. NO. HWY - M-01-75

NISHIMURA & OKI ENGINEERS INC. SEPT. 1976

SHEET No. C-1 OF 2 SHEETS

STANLEY S. SHIMABUKURO REGISTERED PROFESSIONAL ENGINEER No. 1522 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Stanley S. Shimabukuro

SITE GRADING & UTILITIES PLAN

Scale: 1" = 40'

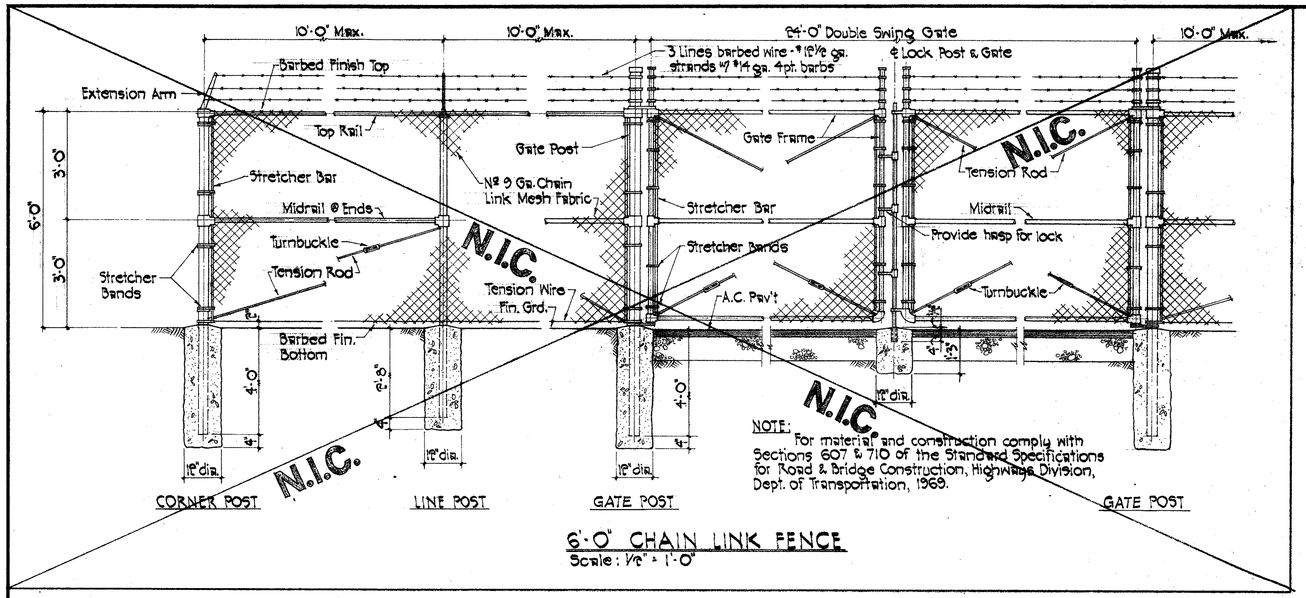
True North
Scale: 1" = 40'

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

PRINTED ON NO. 1000H CLEARPRINT

C.O. 2

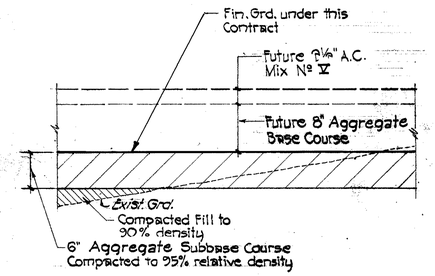
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-01-75	1977	3	32



NOTE: For material and construction comply with Sections 607 & 710 of the Standard Specifications for Road & Bridge Construction, Highways Division, Dept. of Transportation, 1969.

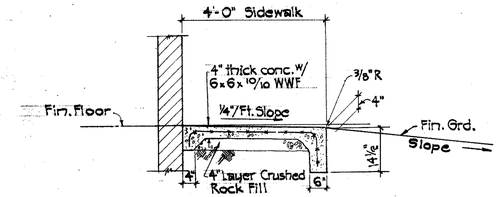
6'-0" CHAIN LINK FENCE

Scale: 1/2" = 1'-0"



TYPICAL SECTION THROUGH FUTURE PAVEMENT AREA

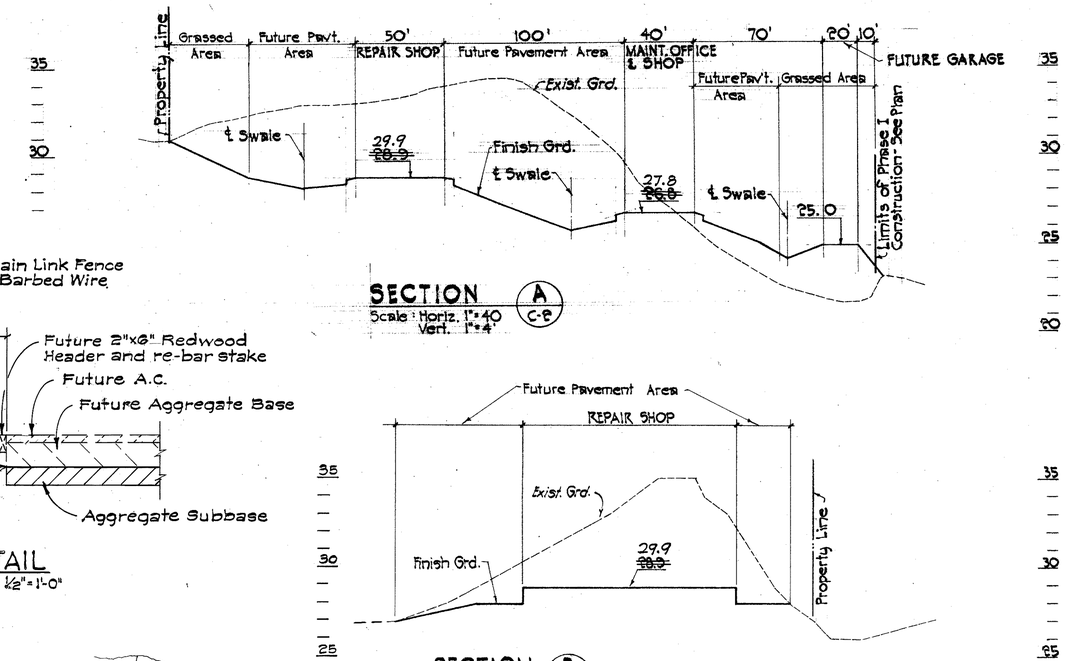
Scale: 1" = 1'-0"



TYPICAL SECTION - CONC. WALK AROUND BLDG.

Scale: 1/2" = 1'-0"

NOTE:
As directed by the Engineer, the Contractor shall construct smooth riding connections around the buildings, truck wash pad and gas station with compacted aggregate base course. Work considered incidental to the contract.



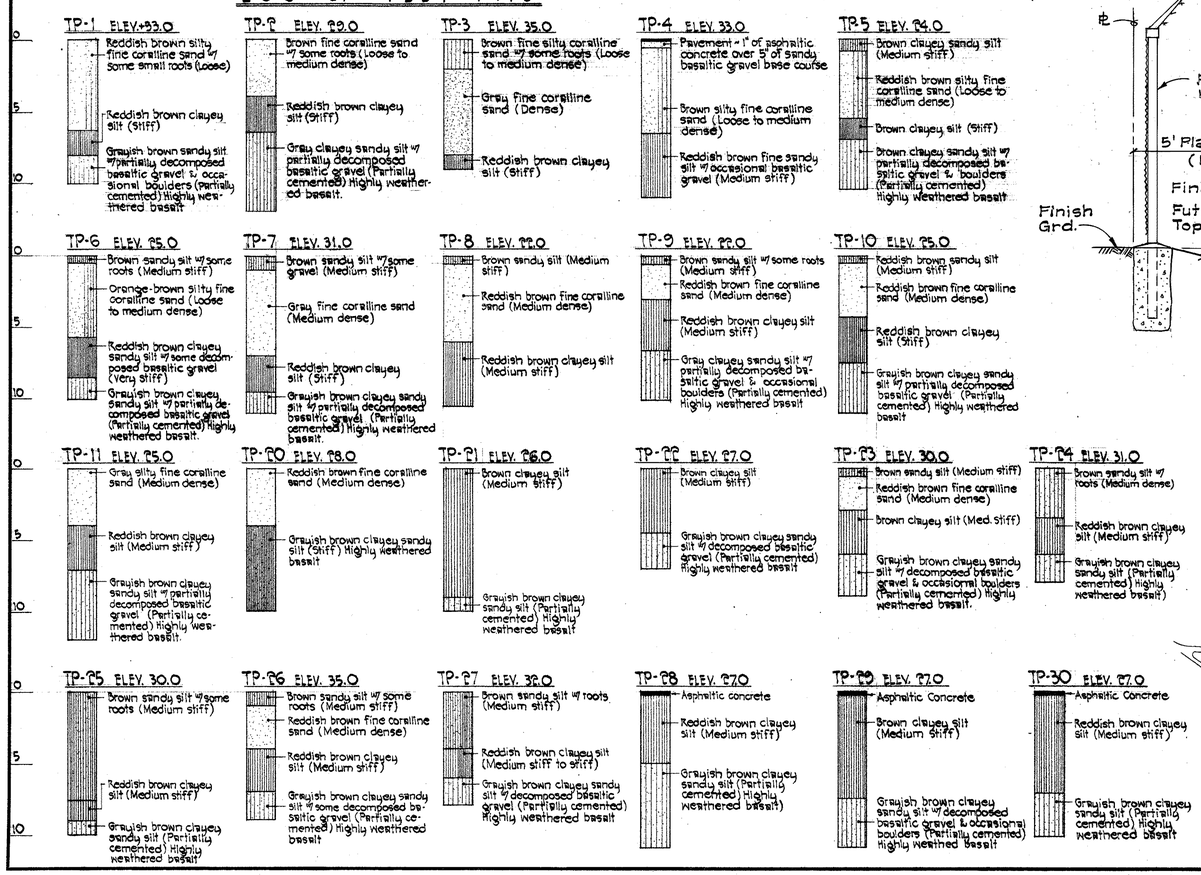
SECTION A (C-2)

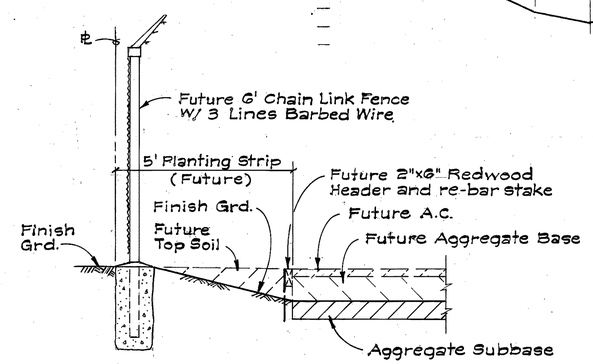
Scale: Horiz. 1" = 40' Vert. 1" = 4'

SECTION B (C-2)

Scale: Horiz. 1" = 40' Vert. 1" = 4'

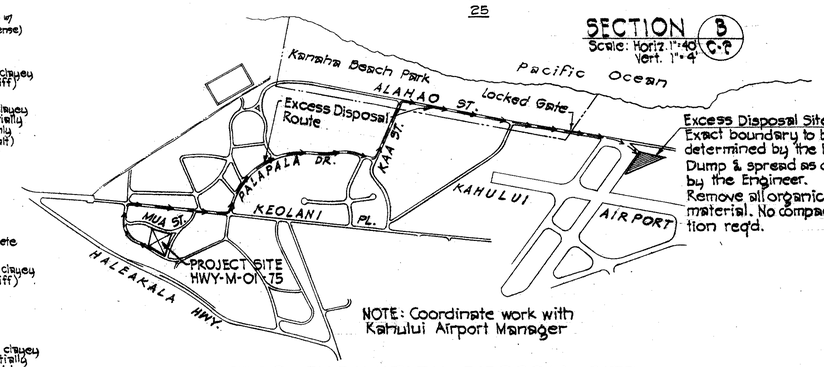
LOG OF TEST PITS





DETAIL

Scale: 1/2" = 1'-0"



Excess Disposal Site (1 Acre)
Exact boundary to be determined by the Engineer.
Dump & spread as directed by the Engineer.
Remove all organic material. No compaction req'd.

NOTE: Coordinate work with Kahului Airport Manager

EXCESS EXCAVATION DISPOSAL SITE

STANLEY S. SHIMABUKURO
REGISTERED PROFESSIONAL ENGINEER
No. 1522
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Stanley S. Shimabukuro

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SECTIONS, TEST PIT LOGS & MISC. DETAILS

MAUI DISTRICT BASEYARD PHASE II

KAHULUI MAUI HAWAII

PROJ. NO. HWY-M-01-75

NISHIMURA & OKI ENGINEERS INC. SEPT. 1976

SHEET No. C-2 OF 2 SHEETS

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

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