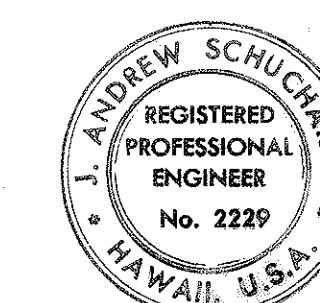
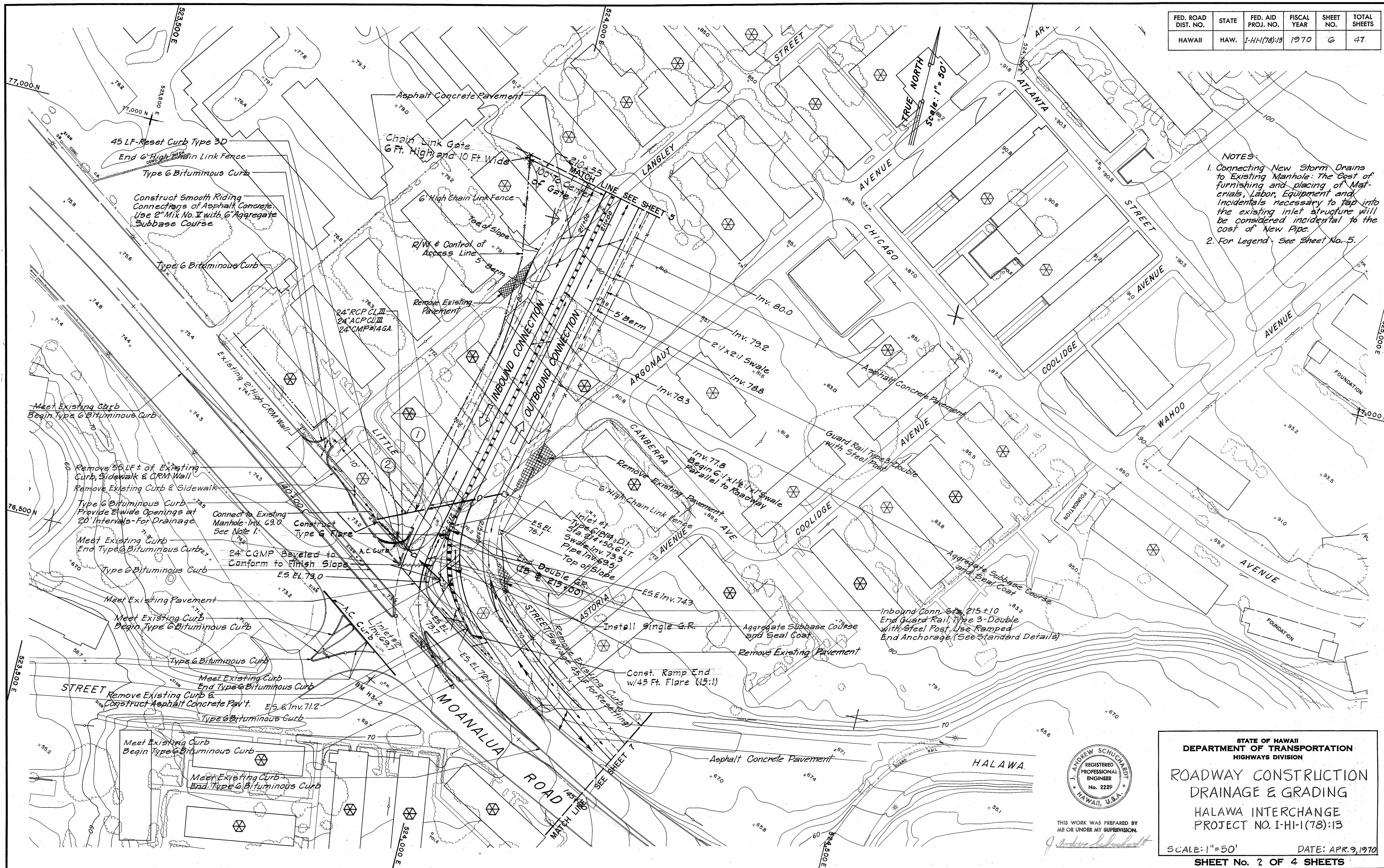


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(78)-13	1970	6	47

- NOTES:
1. Connecting New Storm Drains to Existing Manhole: The Cost of furnishing and placing of Materials, Labor, Equipment and Incidentals necessary to tap into the existing inlet structure will be considered incidental to the cost of New Pipe.
 2. For Legend - See Sheet No. 5.

SURVEY PLOTTED BY	DATE
DESIGNED BY	*****
NOTED BY	*****
CHECKED BY	*****



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Andrew Schuchardt

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

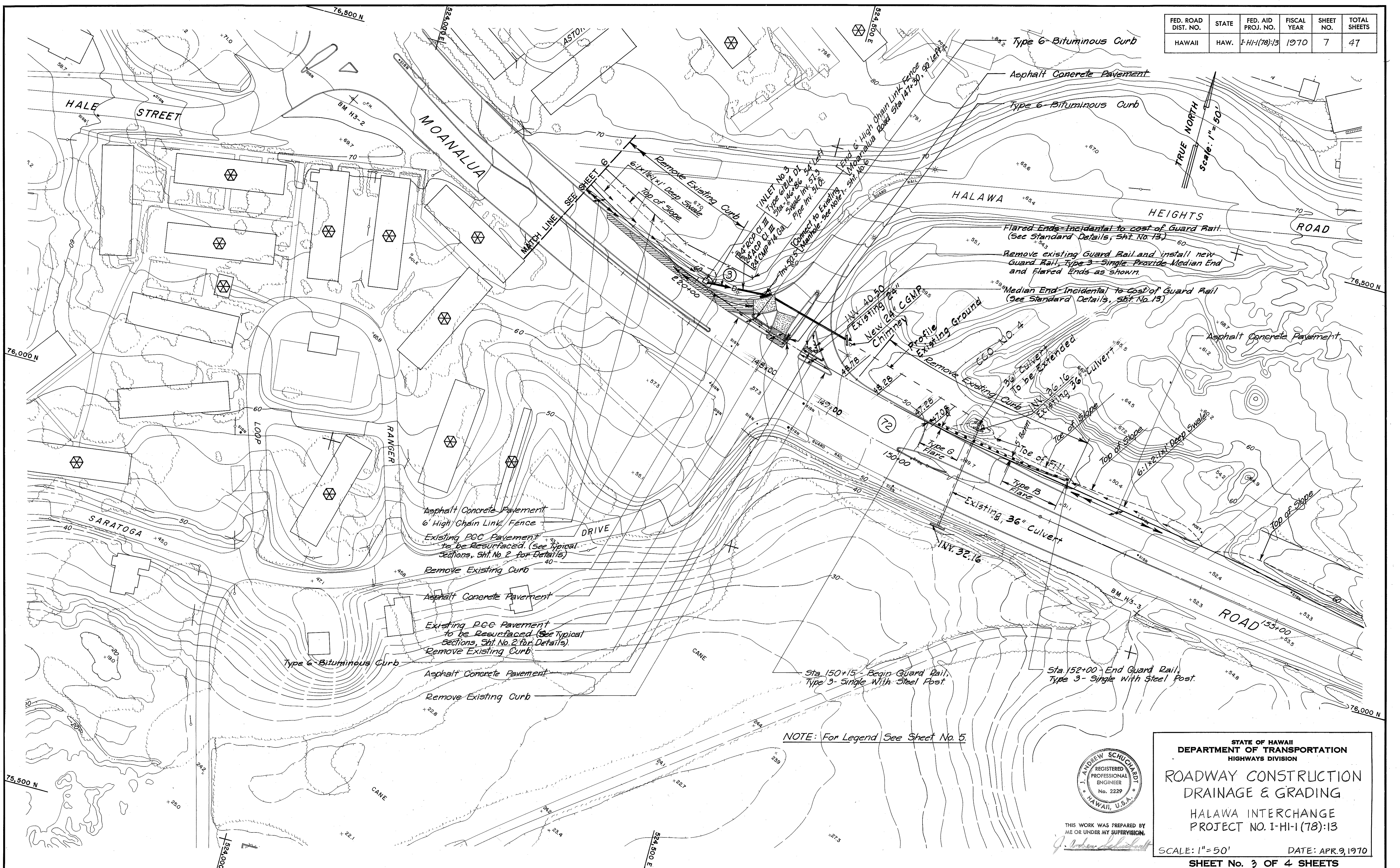
ROADWAY CONSTRUCTION
DRAINAGE & GRADING

HALAWA INTERCHANGE
PROJECT NO. I-HI-1(78)-13

SCALE: 1"=50' DATE: APR. 9, 1970

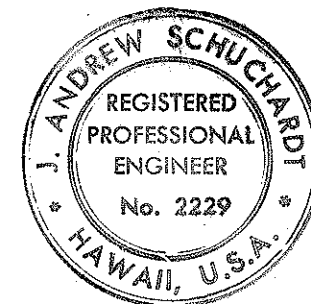
SHEET No. 2 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(78):13	1970	7	47



DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
QUANTITIES BY	_____
NO.	_____

NOTE: For Legend See Sheet No. 5.



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

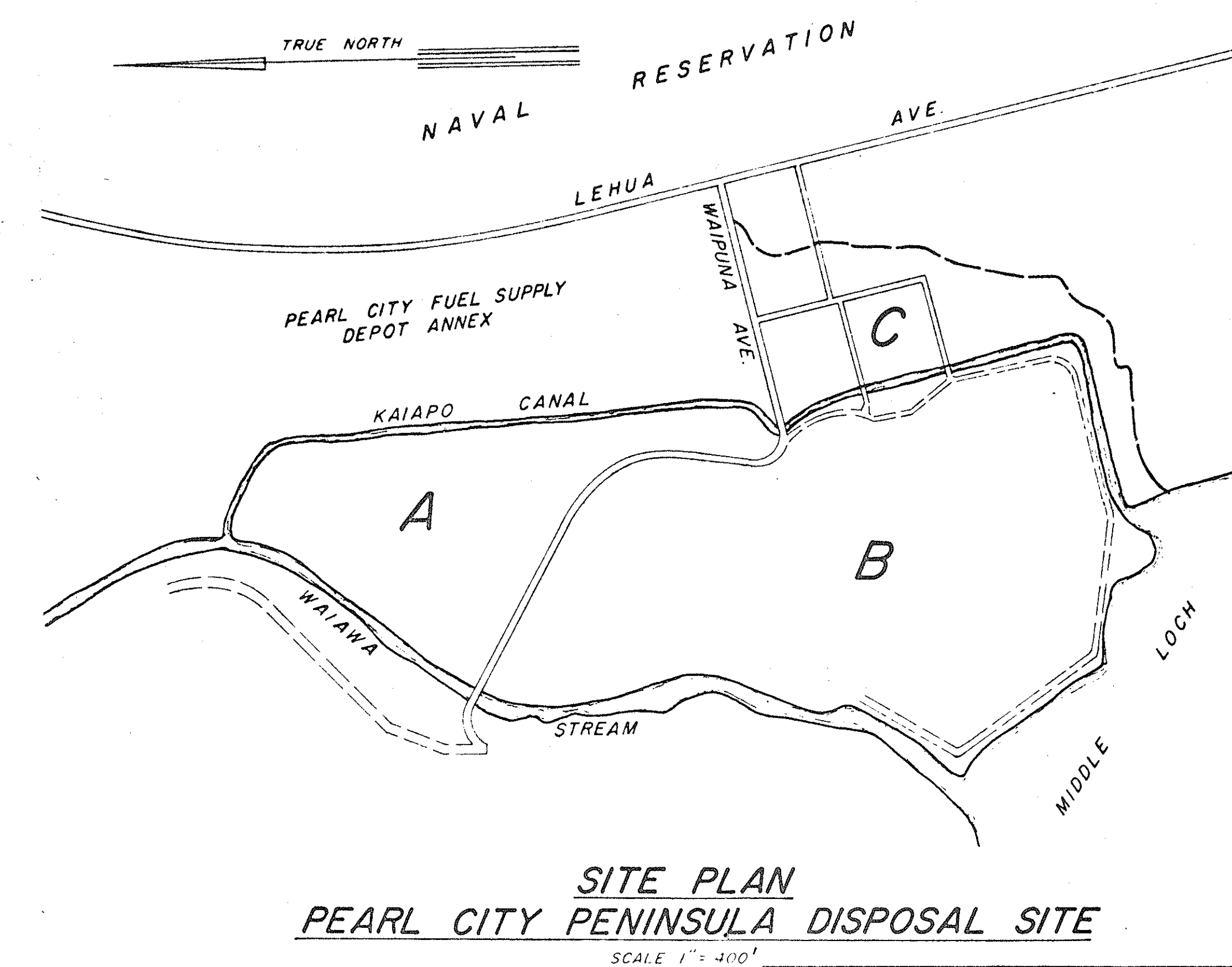
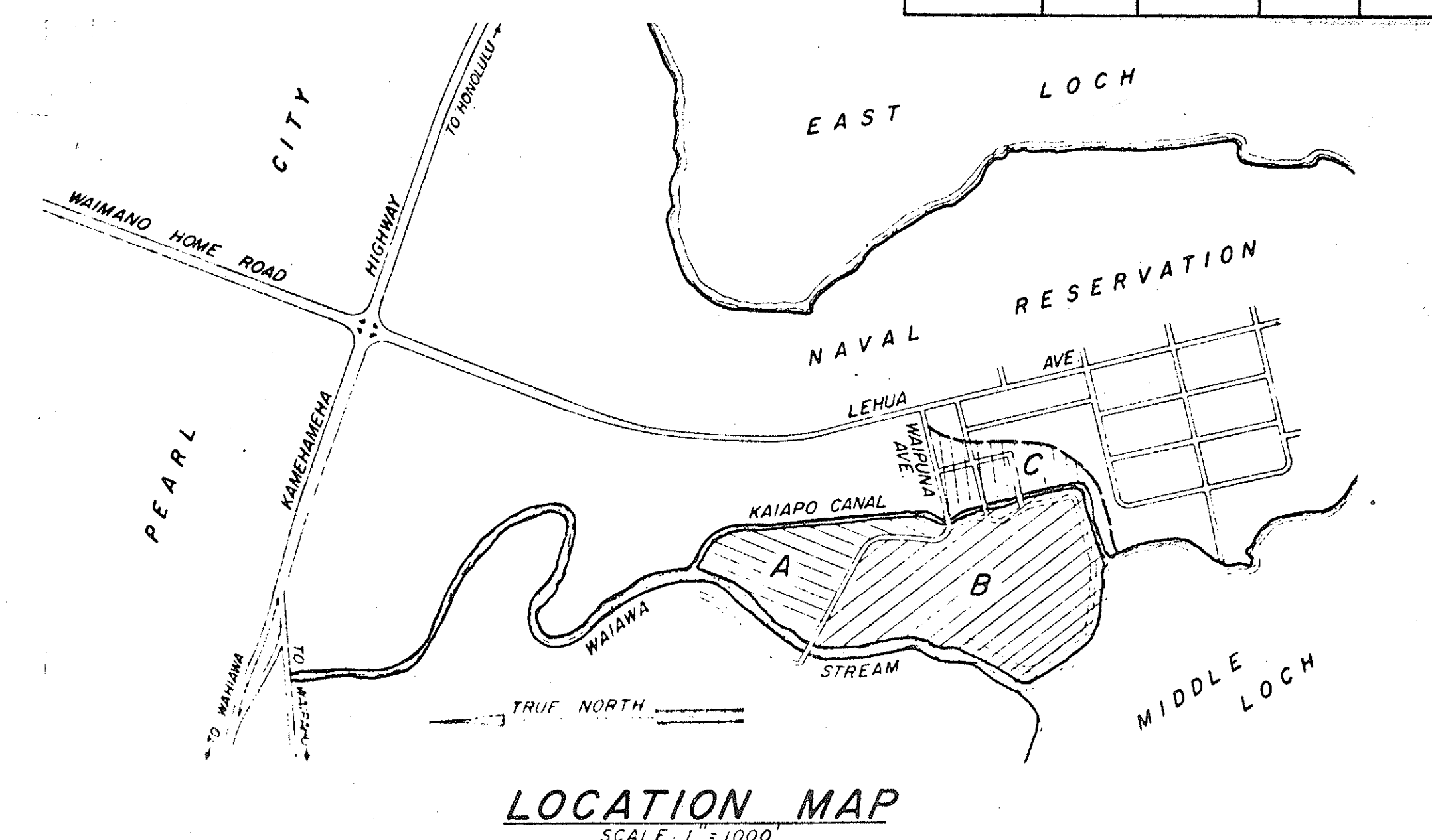
ROADWAY CONSTRUCTION
DRAINAGE & GRADING
HALAWA INTERCHANGE
PROJECT NO. I-HI-1(78):13

SCALE: 1"=50'
DATE: APR. 3, 1970
SHEET No. 3 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(78):13	1970	8	47

NOTES:

1. The material shall be deposited in Area "B." The fill shall be constructed to an approximate elevation 10 feet plus above mean low water in accordance with the requirements of Section 203, Excavation and Embankment, and compacted to a relative compaction of 90 percent. The finished surface shall be graded smooth. The fill shall be started adjacent to Kaiapo Canal and continued Westward. If more material is available than is required to fill Area "B," the excess material shall be deposited in Area "A" adjacent to Area "B." The edge of the fill, where adjacent to waterways, shall be built with granular material and the fill slope shall be 3:1.
2. The Contractor's hauling equipment and loads shall conform to the State of Hawaii's vehicle weight and loading limitations.
3. The State has obtained from the Navy a permit to enter Navy property for the purpose of depositing material at the disposal site. The Contractor will not be required to obtain a separate permit to enter into Navy land.
4. During construction of the embankment, the Contractor shall apply water to abate dust nuisance as specified in SECTION 620-WATERING of the Standard Specifications and Special Provisions.
5. The areas shown have been designated as the disposal site of other highway projects currently under construction. The Contractor's attention is, therefore, directed to the provisions of SUB-SECTION 105.06, COOPERATION BETWEEN CONTRACTORS of the Standard Specifications. The Engineer further reserves the right to limit the disposal of material under this contract to specific sections of the areas shown.
6. Clearing, grubbing and filling shall proceed in an orderly manner to insure usable filled land should the work be delayed or terminated. Once filling is started in an area, it shall be completed before starting fill operations in another area unless a change is authorized by the Engineer in writing.
7. In constructing the embankment, existing drainage shall be maintained to insure the protection of both Navy-owned and private adjacent properties. Any interference with land drainage shall be immediately corrected.
8. Burning of grubbed material at the site will not be permitted. Grubbed material shall be removed from the premises. It may be wasted at the adjacent Navy land fill area, provided the rules and regulations of the Navy Public Works Center which manages the land fill are complied with. If the Contractor elects to dispose of the grubbed material in the Navy land fill area, he shall make the necessary arrangements with the Navy Public Works Center.
9. Boulders in excess of three feet (3') in their largest dimension shall be wasted in marshy areas as directed by the Engineer. Boulders not larger than three feet (3') in their greatest dimension shall be buried at a depth of not less than three feet (3') below finish grade. The top three feet (3') of fill shall not contain rocks larger than six inches (6") in their greatest dimensions and shall be placed in lifts not exceeding eight inches (8") before compaction.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DISPOSAL SITE

HALAWA INTERCHANGE
PROJECT NO I-HI-1(78):13

SCALE: AS SHOWN DATE: APR. 9, 1970
SHEET No. 4 OF 4 SHEETS

ORIGINAL PLAN	SURVEY PLotted BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	44
	TRACED BY _____	44
	DESIGNED BY _____	44
	QUANTITIES BY _____	44
No. _____	CHECKED BY _____	44