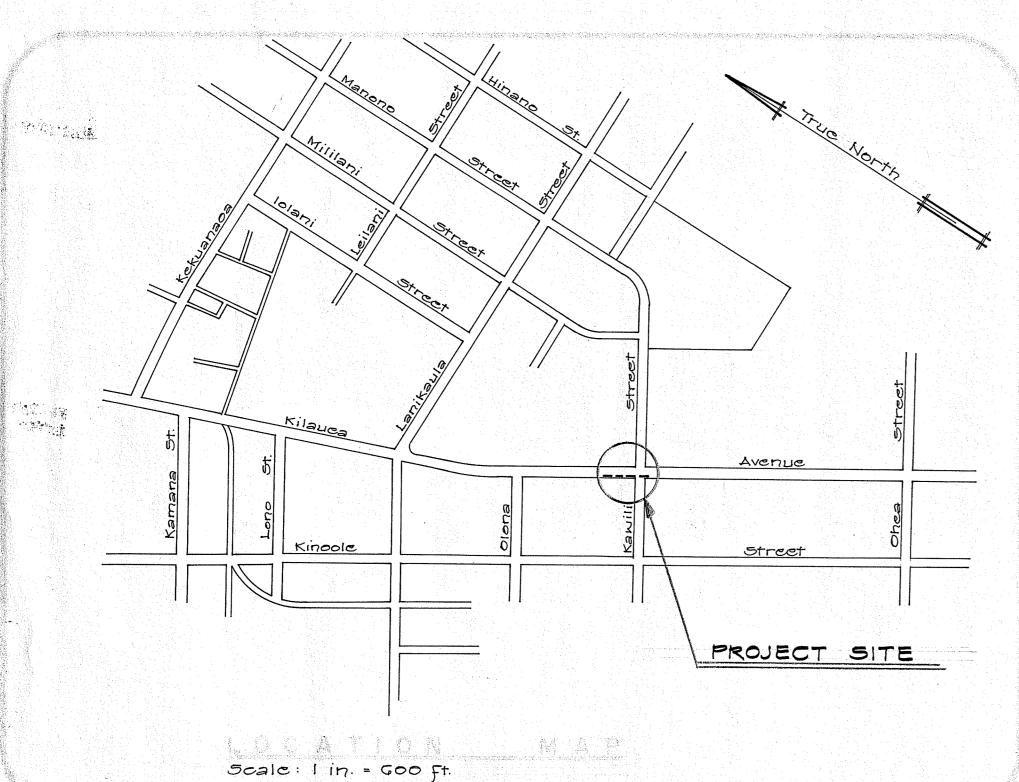


## KAWILI-KILAUEA STREET DRAINAGE IMPROVEMENT

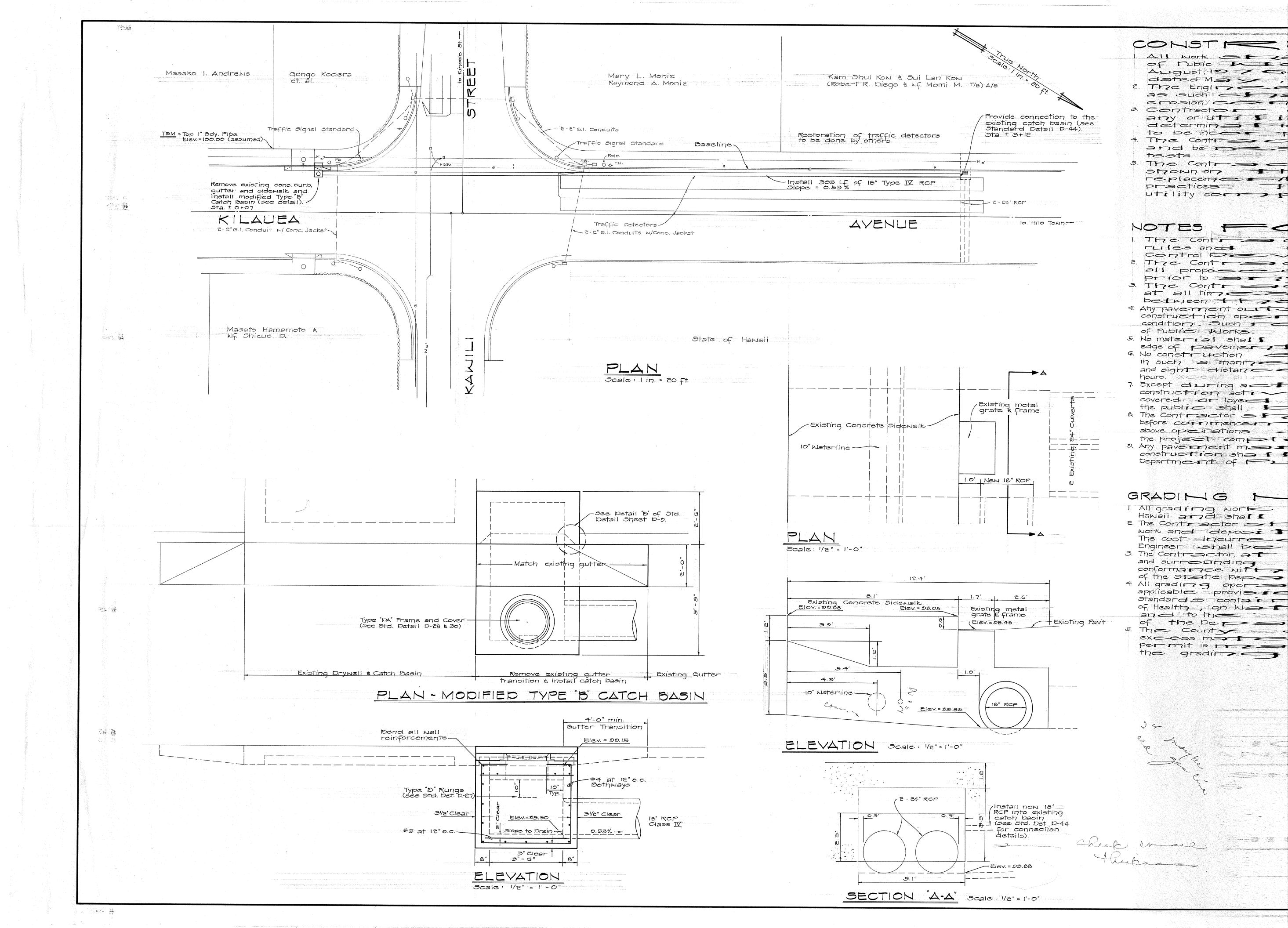
JOB NO. P-2346

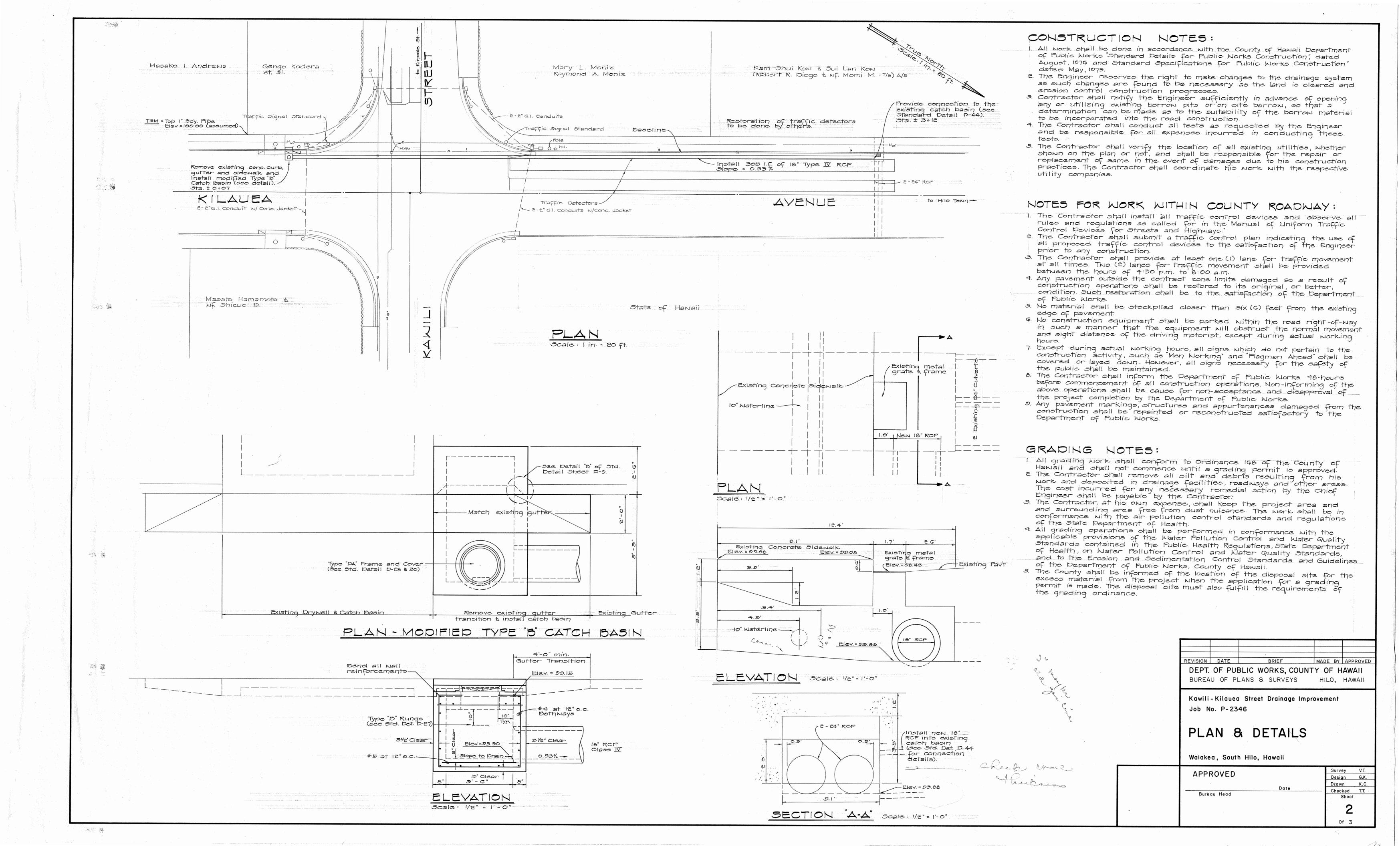
WAIAKEA, SOUTH HILO, HAWAII

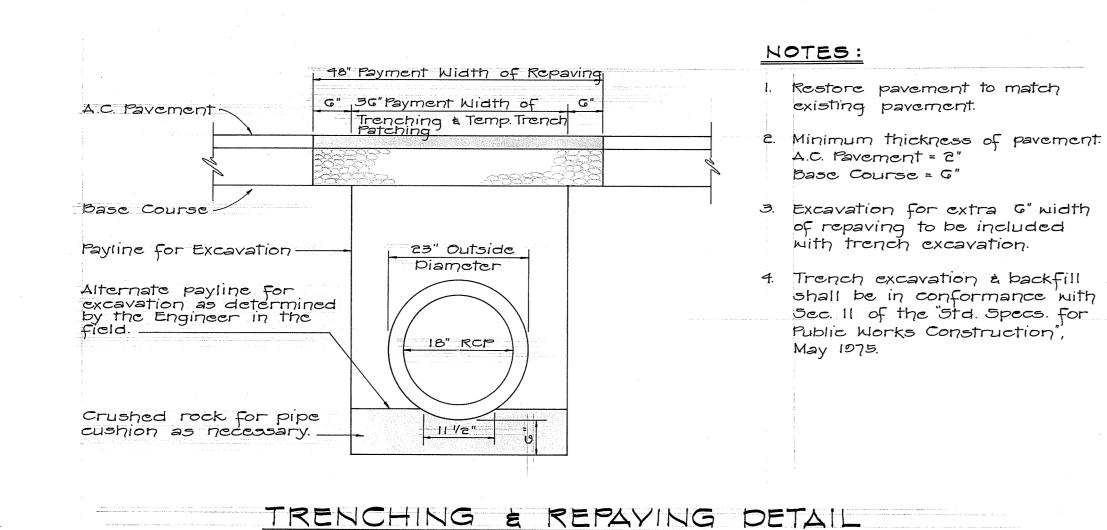




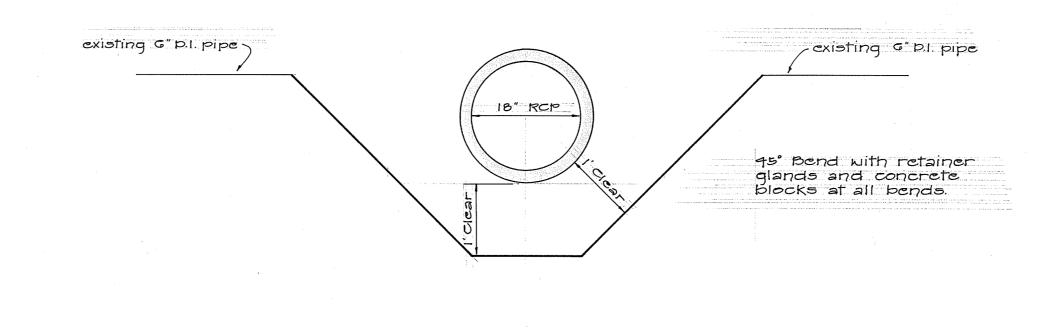
MANAGER, DEPARTMENT OF WATER SUPPLY, COUNTY OF HAWAII







scale: Not to Scale



Man can see the see that the see the see that the see the see the see that the see the see that the see that

WATERLINE CROSSING Scale: 3/4" = 1'-0"

## WATERLINE NOTES:

I All work shall be done in accordance with the County of Hawaii, Dept. of Water Supply Standards for Water System, dated March 1965, as amended. e. The Contractor shall notify the Dept of Water Supply one (1) week in advance of any water shut-off, including customer service shut-off, so that the department can properly coordinate the shut-off. Water shut-off shall not exceed a period of three (3) hours in any one day. The DNS Engineer reserves the right to require by-pass lines at the Contractors cost.

3. Contractor shall coordinate work so as to create a minimum of disturbance to the water service.

4. Contractor shall notify DNS. 72 hours prior to commencement of any

pipeline work, including trenching. 5 Any work done by the Dept. of Water Supply's field crew shall be

paid for by the Contractor

6. Contractor shall work with the DNS maintenance crew to locate and mark the exact location of the pipeline before commencing with construction. Contractor shall be responsible for any damages to the existing pipeline caused during construction.

7. The location and depth of all underground utility pipes shown on the plans are approximate only. The Contractor shall make a personal investigation of the utilities concerned supplemented by actual digging in the field if necessary, to determine the actual location and depth of utilities with their branch and service lines, whether indicated on the the plans or not. The Contractor shall be responsible for the support, protection, relocation and reconstruction of any utility pipes where

8. Contractor shall be responsible for the chlorination of the new pipeline and any by-pass lines before connection to existing pipeline is made. Chlorination Company must be authorized by the State Dept. of Health.

9. All hook-ups to existing waterlines shall be done by or under D.W.S. supervision. Contractor shall provide all excavation, backfill, road repair, traffic control and equipment to lift materials. (DNS portion of work \$200)

10. All fittings (Class 250) and all gate valves (Class 200) shall be cast

iron with mechanical joints unless specified otherwise. Il. All pipeline 4" or larger in diameter shall be ductile iron push-on joint Class 52, and all pipeline smaller than 4" in diameter shall be

soft copper Type K, unless otherwise specified

DEPT. OF PUBLIC WORKS, COUNTY OF HAWAII BUREAU OF PLANS & SURVEYS

Kawili-Kilauea Street Drainage Improvement Job No. P-2346

## **DETAILS**

Waiakea, South Hilo, Hawaii

		and the second s	
APPROVED		Survey V.T.	]
		Design G.K.	
		Drawn K.C.	_
Bureau Head	Date	— Checked T.T.	·
		Sheet	
•		7	
		04 7	1
		0f 3	1

my xx