

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-11(10) UNIT 2	1965	49	75

GENERAL WATER NOTES

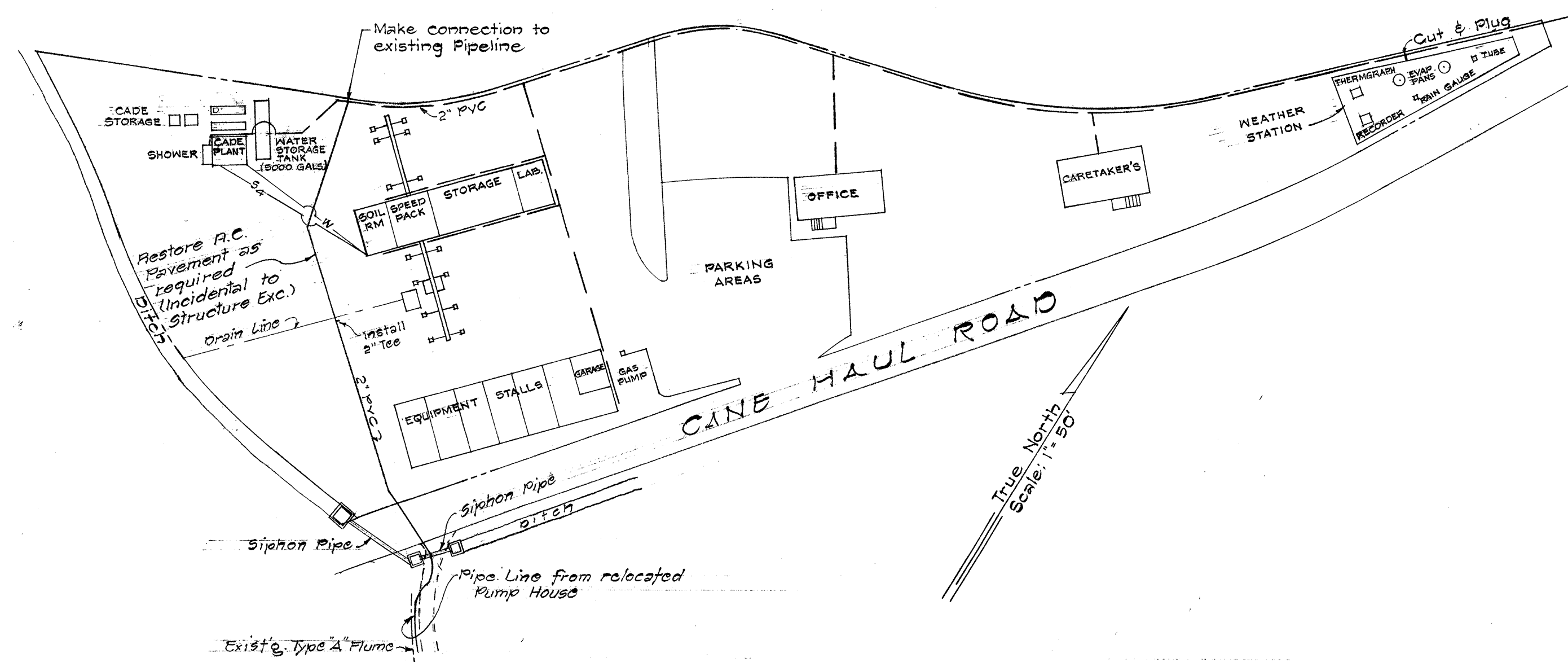
- The Contractor shall notify the Board of Water Supply in writing 72 hours prior to commencing work on the water system.
- The Contractor shall arrange with the Board of Water Supply to cut-off existing unused service laterals, remove meter boxes and appurtenances prior to commencement of clearing and grading operations. Contractor to provide all necessary excavation.
- Asterisk (*) indicates work to be performed by B.W.S.
- All excavation and backfill shall be done by the Contractor, including excavation for meter to house service connection.
- Whenever a corporation stop shown tapping into a new main is larger than that allowed by the B.W.S. Standards, a double hub fitting with boss tapped for appropriate size corporation shall be used.
- The locations of existing water mains and appurtenances shown on the plans are approximate only.
- Any excavation work around existing water main shall be by hand only.

RELOCATION OF HSPA PUMPHOUSE

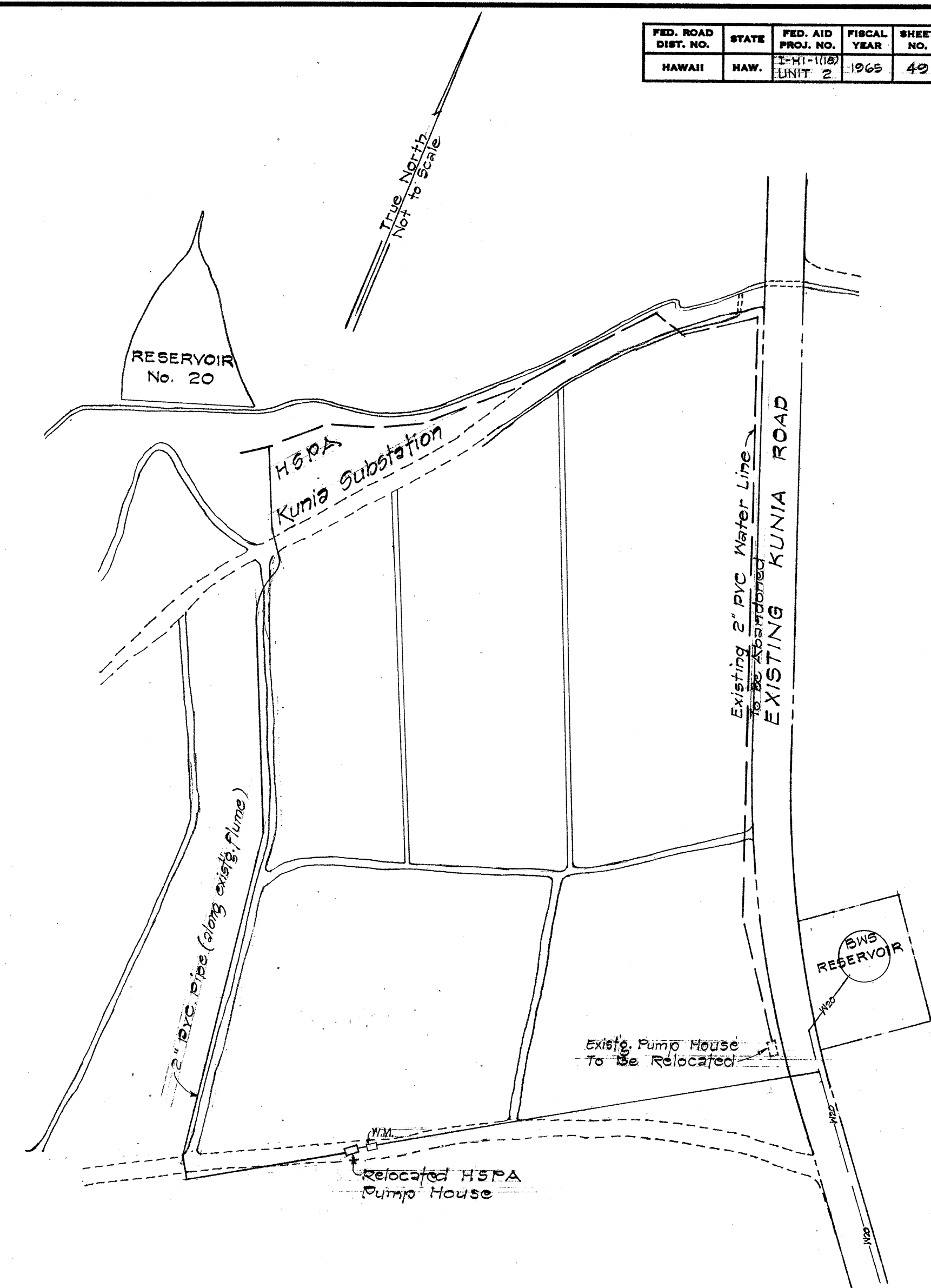
Relocate HSPA Pumphouse
Install: 3" Copper Pipe
2" PVC Pipe

ESTIMATED QUANTITIES

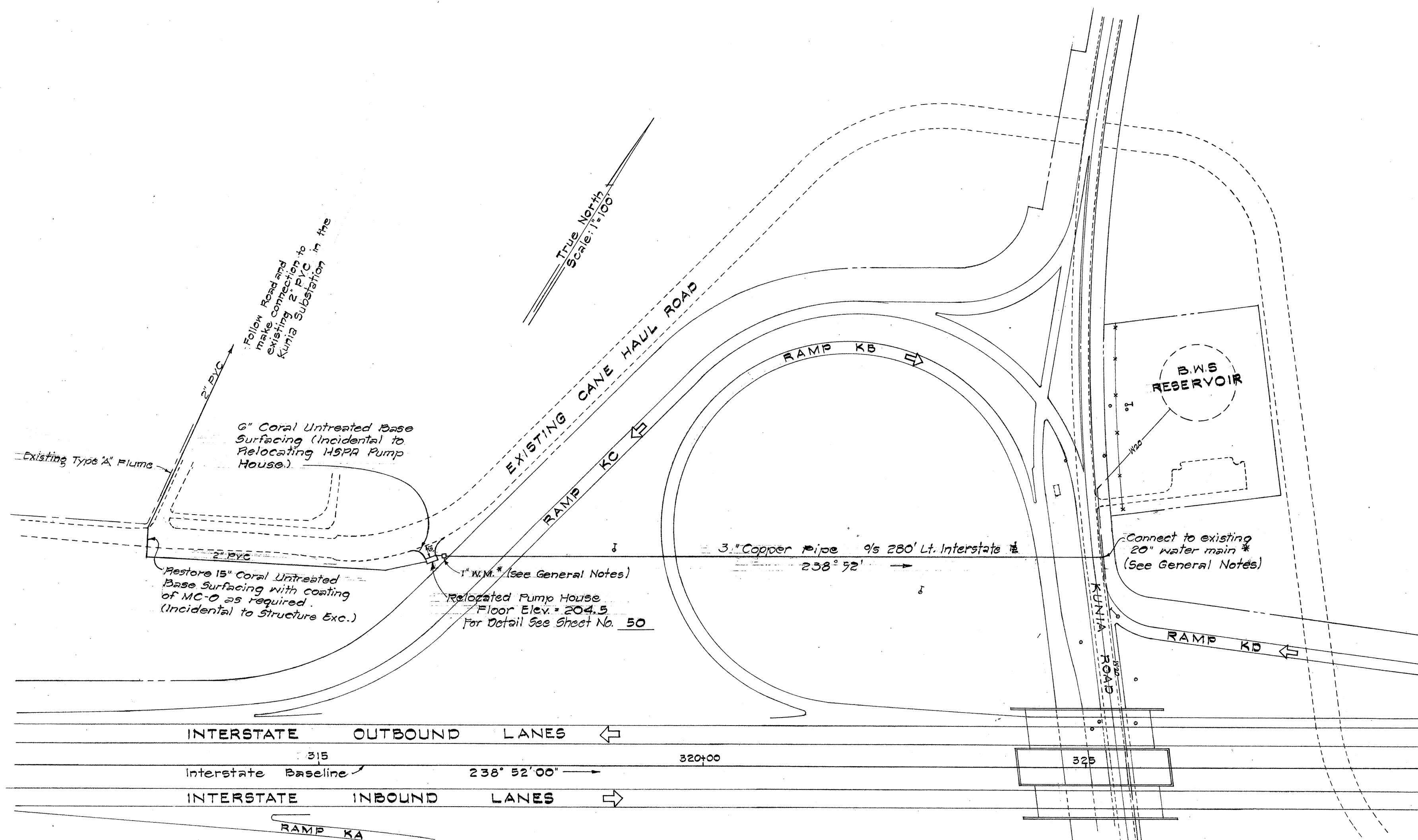
Relocating HSPA Pumphouse	870 L.F.
3" Copper Pipe	1,800 L.F.
2" PVC Pipe	275 C.Y.
Structure Excavation	100 C.Y.
Cushion Material	



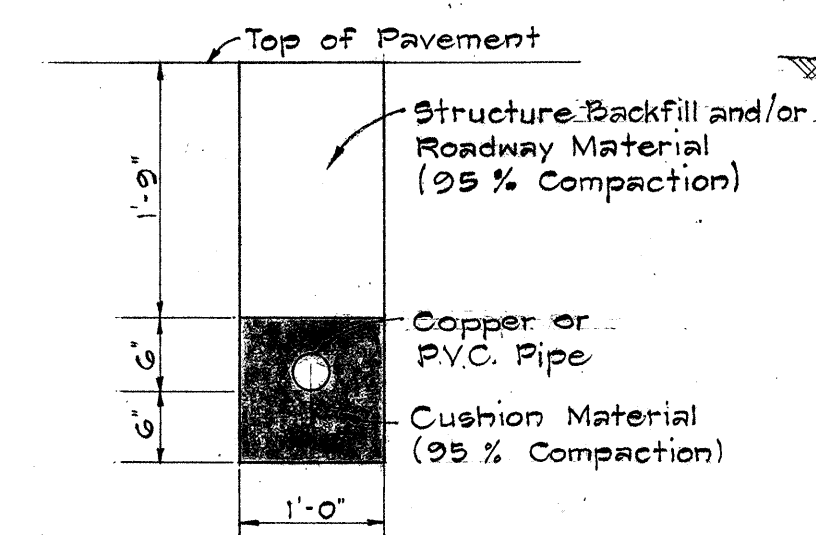
HSPA KUNIA SUBSTATION



PLOT PLAN

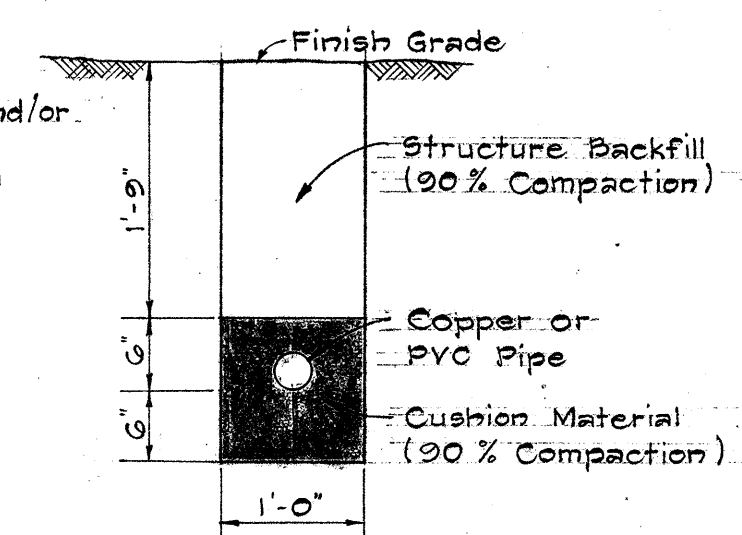


PLAN OF RELOCATED PUMP HOUSE AND PIPE LINE



TYPICAL SECTION OF TRENCH FOR PIPES UNDER PAVEMENTS

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



TYPICAL SECTION OF TRENCH FOR PIPES NOT UNDER PAV'TS

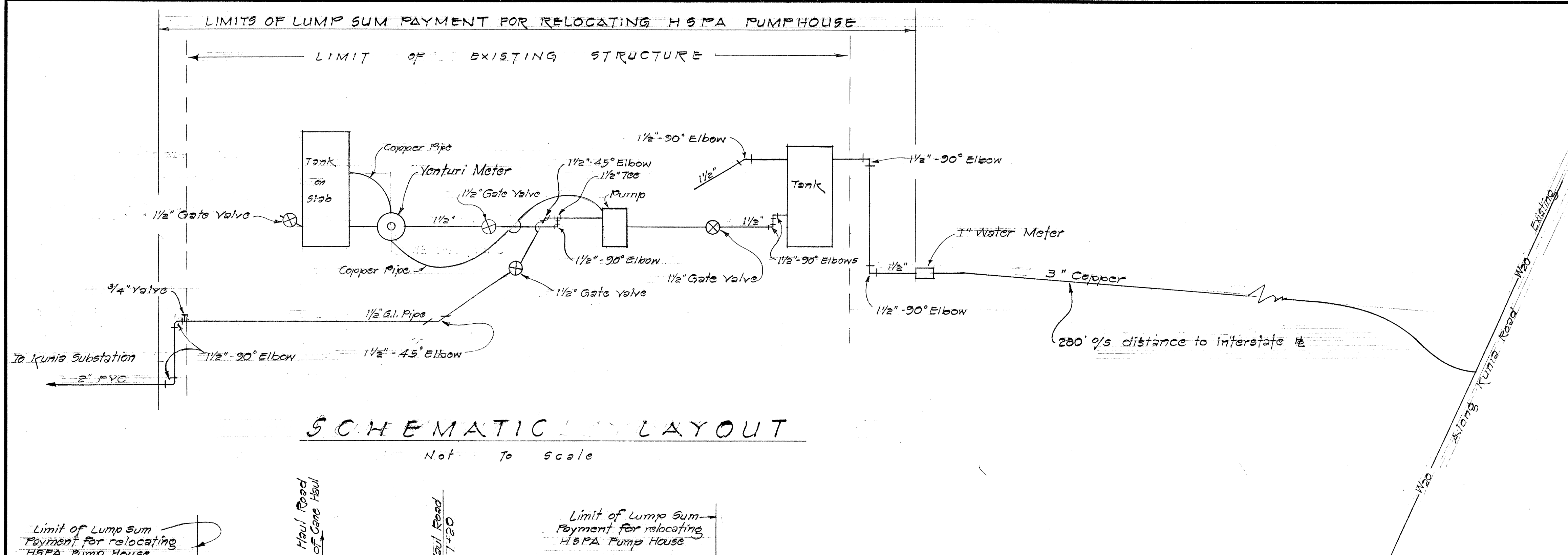
Scale: 3/4" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANS FOR HSPA PUMP HOUSE RELOCATION
INTERSTATE ROUTE H-1
F.A.I. PROJ. 1-HI-11(10) UNIT 2

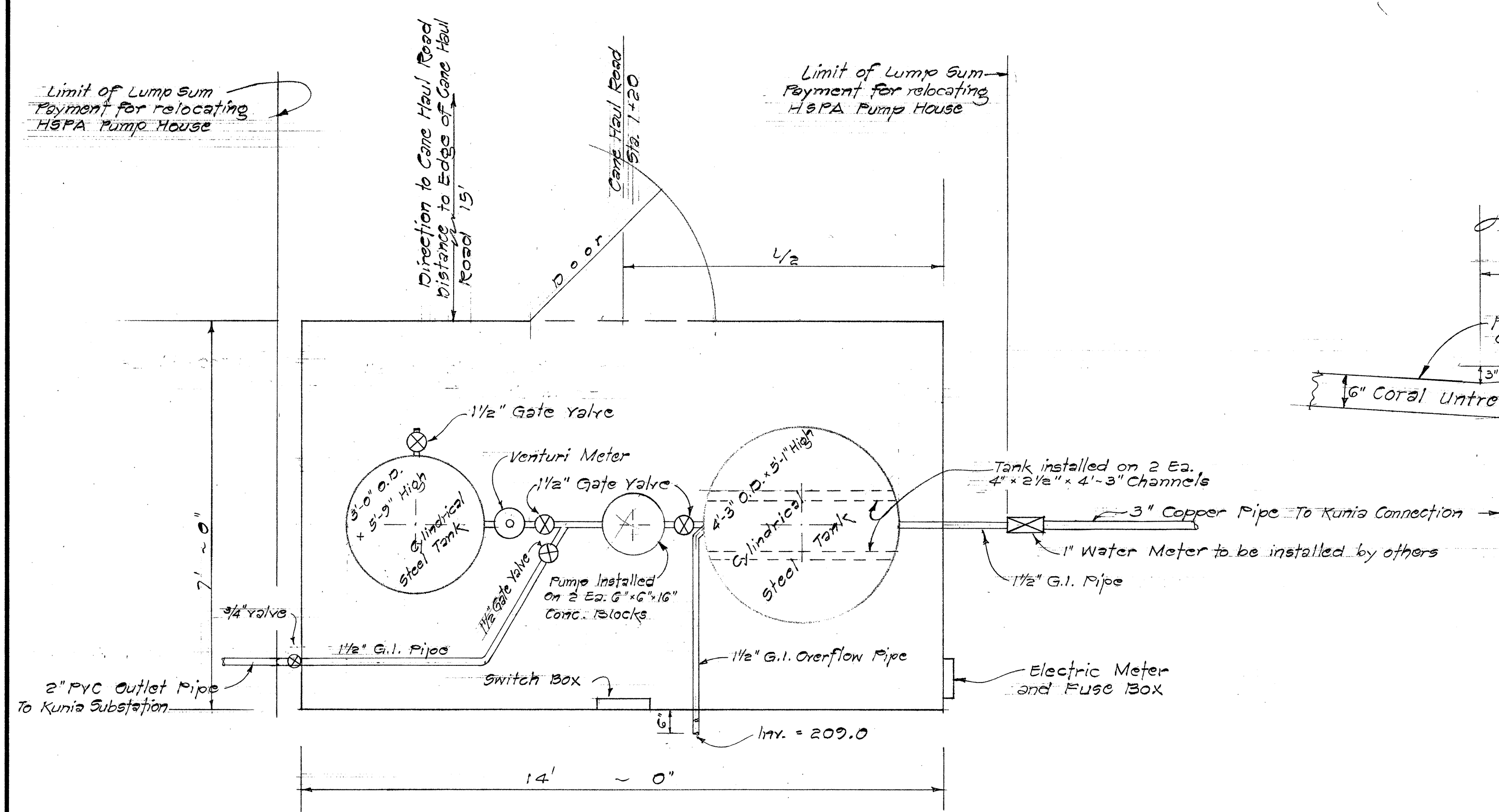
Scale: As Noted Date: July, 1965
SHEET No. 1 OF 2 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HF-1(18) UNIT 2	1965	50	75



SCHEMATIC LAYOUT
Not To Scale

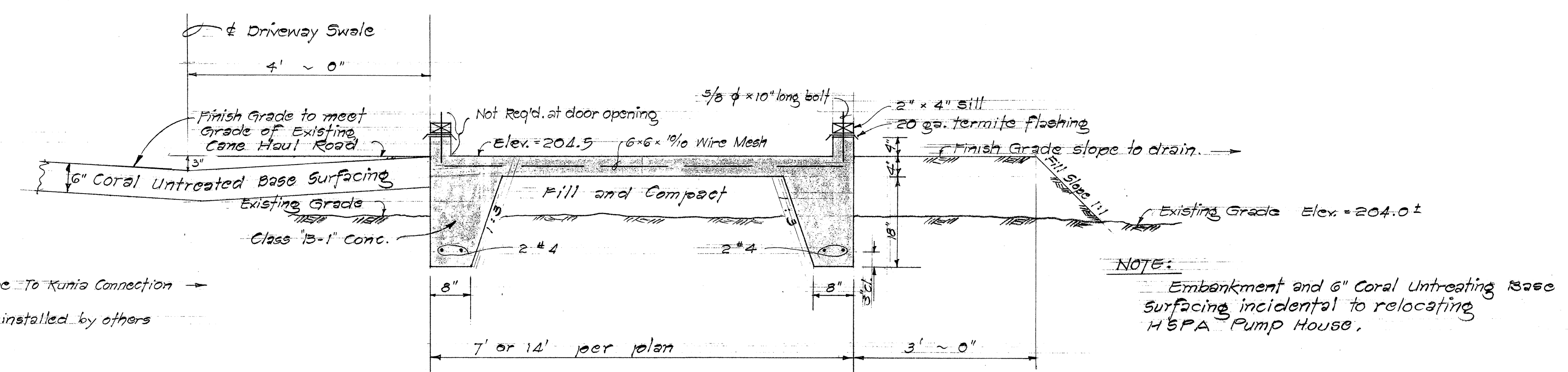


LAYOUT OF RELOCATED HSPA PUMP HOUSE

Not To Scale

NOTE:

1. The existing wooden frame and corrugated metal siding house shall be relocated on the new conc. slab. The 2" x 4" sills shall be new.
2. Plumbing within the Pump House shall be installed on the surface or above the top of the new concrete slab, as required.
3. New pipes or fittings required within the Pump House shall be considered included in the cost of relocating the Pump House.
4. The Contractor shall be thoroughly familiar with the layout of the existing Pump House prior to its disassembly.
5. The Contractor shall be responsible for all plumbing and electrical connections and to procure all permits and licenses necessary to complete the job; the cost of which shall be incidental to the relocation of the Pump House.



TYPICAL SECTION OF NEW CONCRETE SLAB

DETAILS OF RELOCATED IN SPA PUMP HOUSE
Scale: As Noted

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILS OF RELOCATED
HSPA DUMP HOUSE

INTERSTATE ROUTE H-1
F.A.I. PROJ. I-H-1110, UNIT 2

Scale: As Noted Date: July, 1965

SHEET No. 2 OF 2 SHEETS