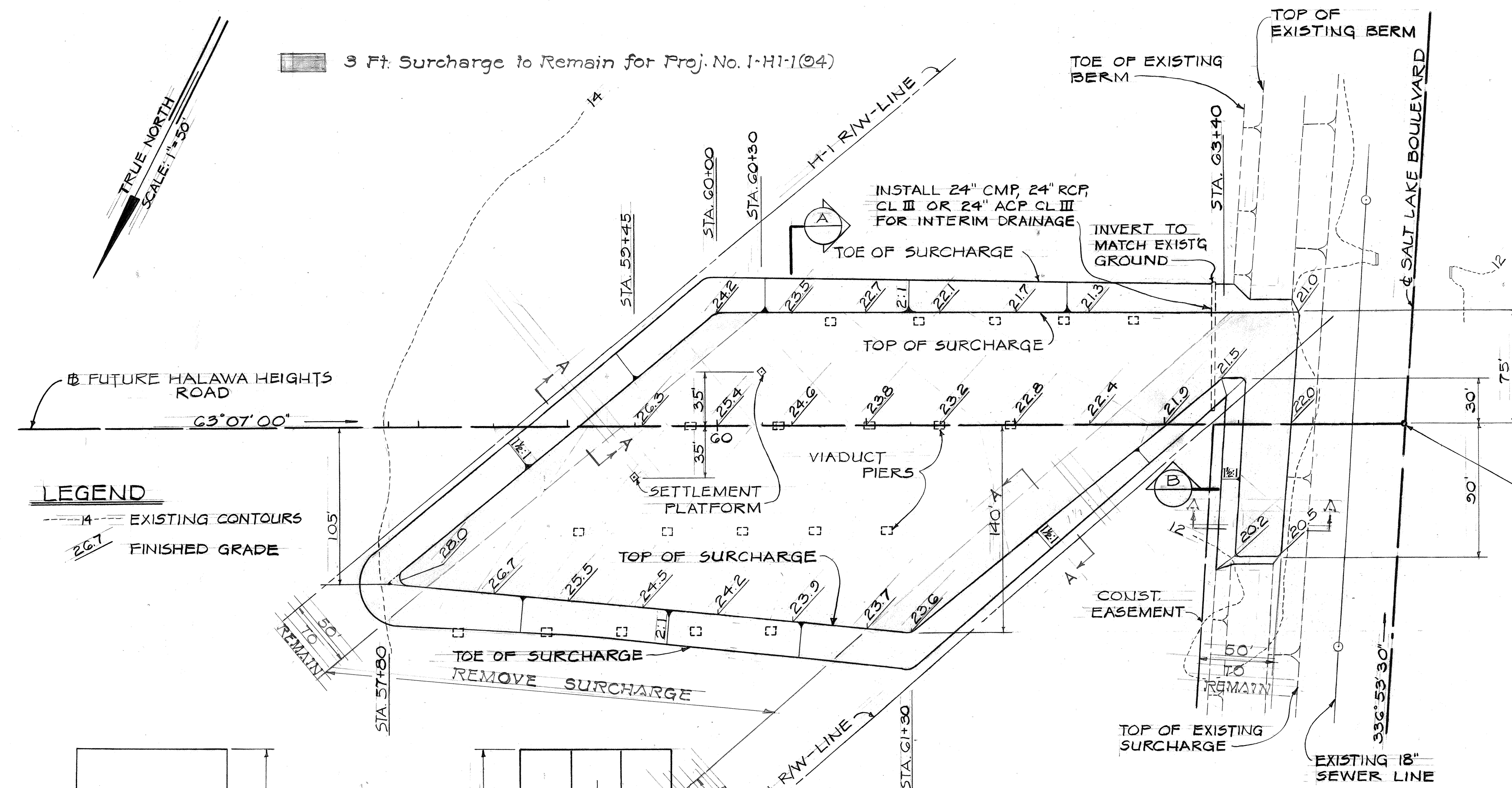


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(104):13	1972	6	185

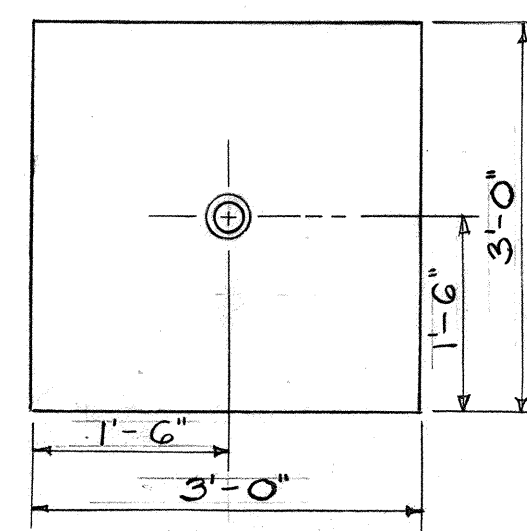


SAND DRAIN LAYOUT
HALAWA HEIGHTS ROAD

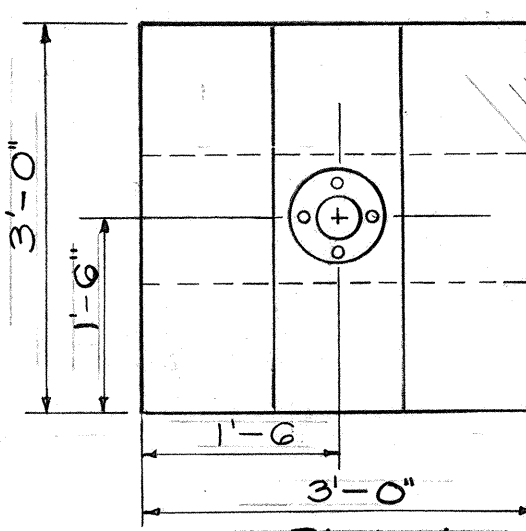
FUTURE HALAWA HEIGHTS ROAD
@ STA. 64+61.53 =
SALT LAKE BOULEVARD
@ STA. 1+00

LEGEND

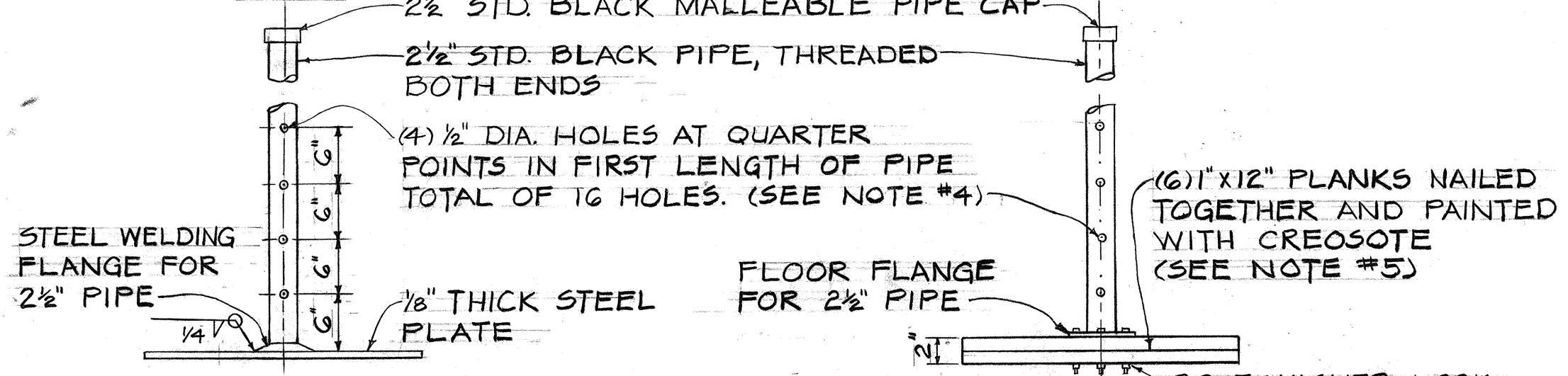
- 14 --- EXISTING CONTOURS
- 26.7 FINISHED GRADE



PLAN



PLAN



ELEV.

STEEL BASE PLATFORM

ELEV.

WOOD BASE PLATFORM

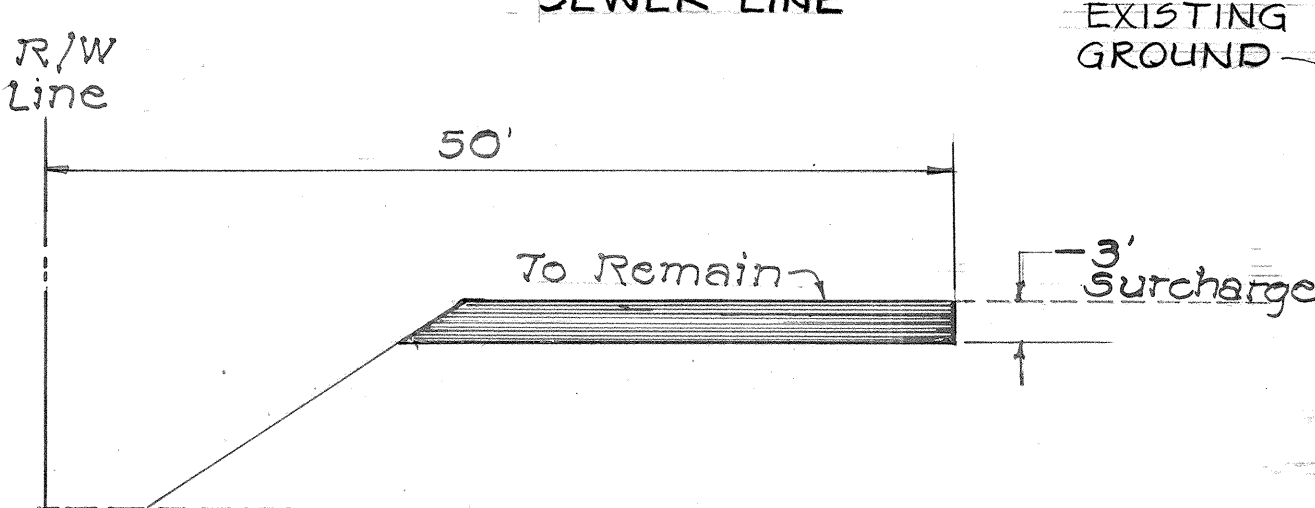
SETTLEMENT PLATFORM DETAIL

NOT TO SCALE

SETTLEMENT PLATFORM NOTES

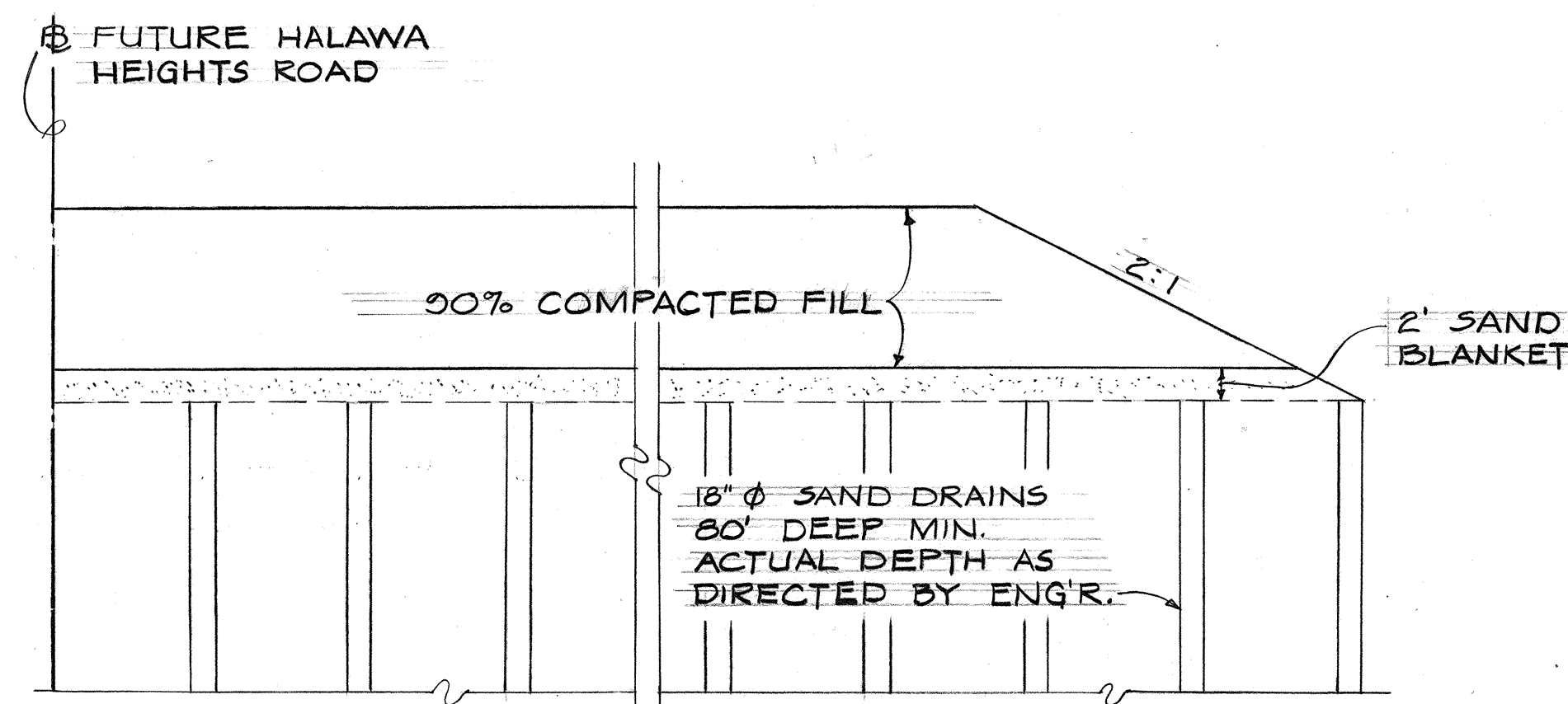
1. THE USE OF EITHER THE STEEL OR WOOD BASE SETTLEMENT PLATFORMS SHALL BE THE CONTRACTOR'S OPTION.
2. CONTRACTOR TO FURNISH MATERIAL AND LABOR TO EXTEND PIPE UP THROUGH FILL.
3. ALL VERTICAL PIPES OF SETTLEMENT PLATFORMS SHALL BE ACCURATELY AND CONSECUTIVELY NUMBERED IN ONE FOOT INTERVALS MEASURED FROM THE BOTTOM OF THE SETTLEMENT PLATFORM BASE. THE NUMBERING AND GRADUATIONS SHALL BE MARKED ON THE VERTICAL PIPE IN DURABLE YELLOW PAINT BY THE CONTRACTOR IMMEDIATELY AFTER EACH SECTION OF PIPE IS ADDED.
4. HOLES TO BE DRILLED IN FIRST LENGTH OF PIPE, IF SPECIFIED.
5. SOUND LUMBER MUST BE USED FOR THE WOOD BASE PLATFORM.

PLAN
SCALE: 1" = 50'

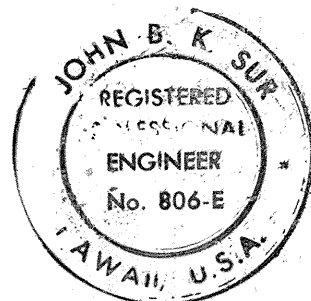


SECTION A-A
NO SCALE

(B) TYPICAL AT SALT LAKE BLVD. INTERSECTION
NOT TO SCALE



(A) TYPICAL SECTION-SURCHARGE & SAND DRAINS
HALAWA HEIGHTS ROAD
NOT TO SCALE



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NORTH LEG VIADUCT

SURCHARGE AND SAND DRAIN PLAN
F.A.I. PROJECT NO. 1-HI-1(104):13

SCALE AS NOTED DATE: 7/7/72

SHEET NO. OF SHEETS