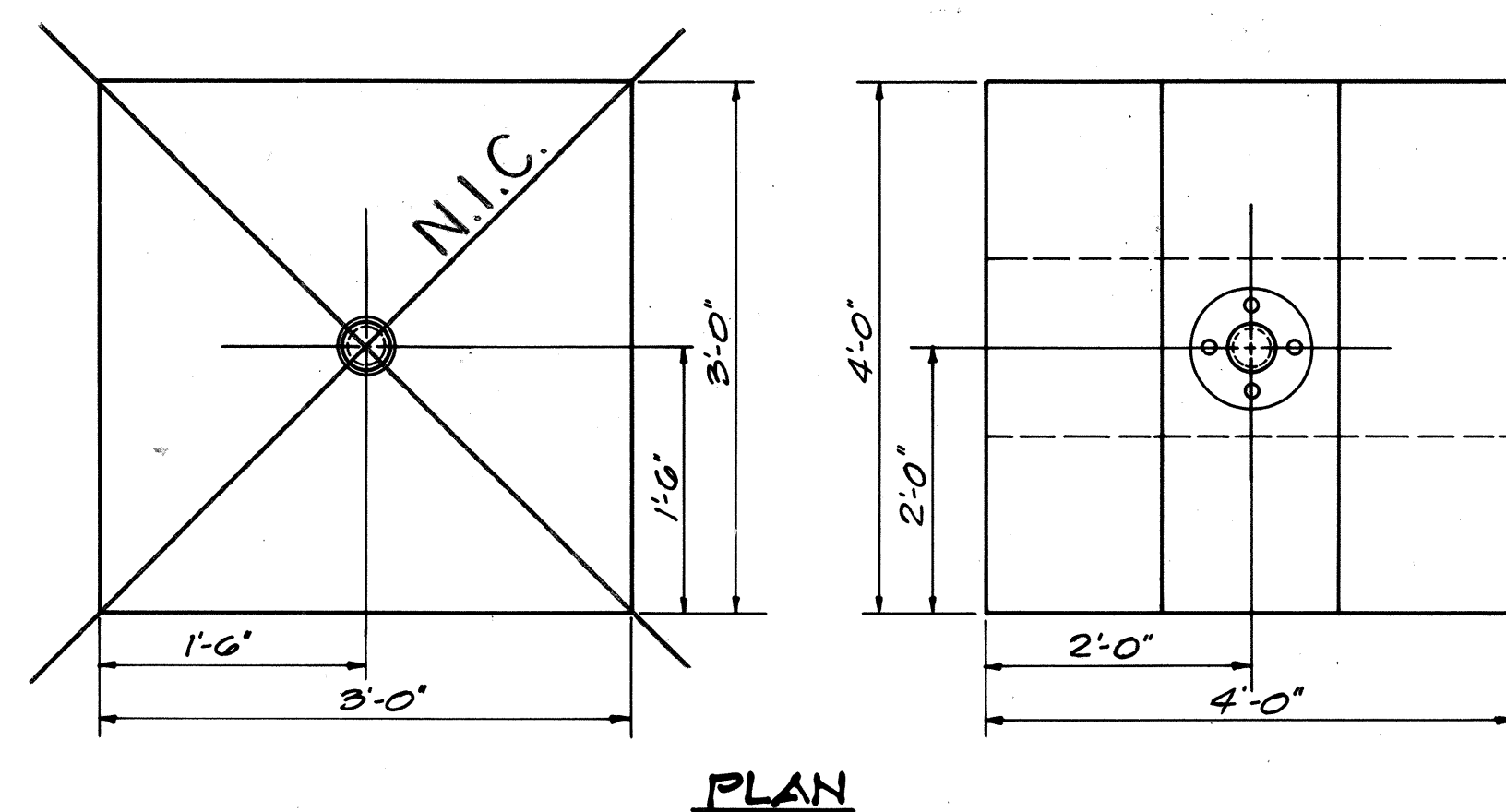
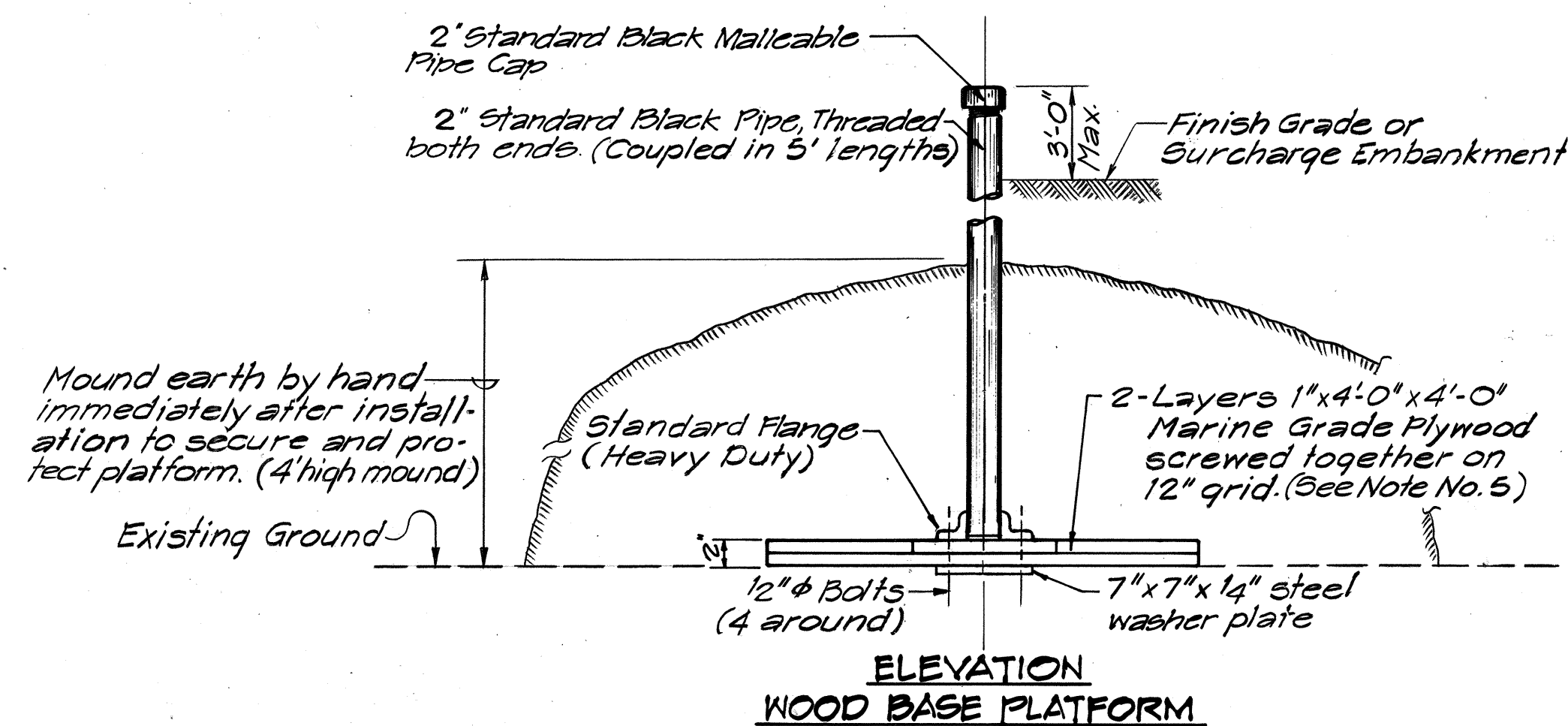


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HA-1(131)-17	1977	115	394



PLAN

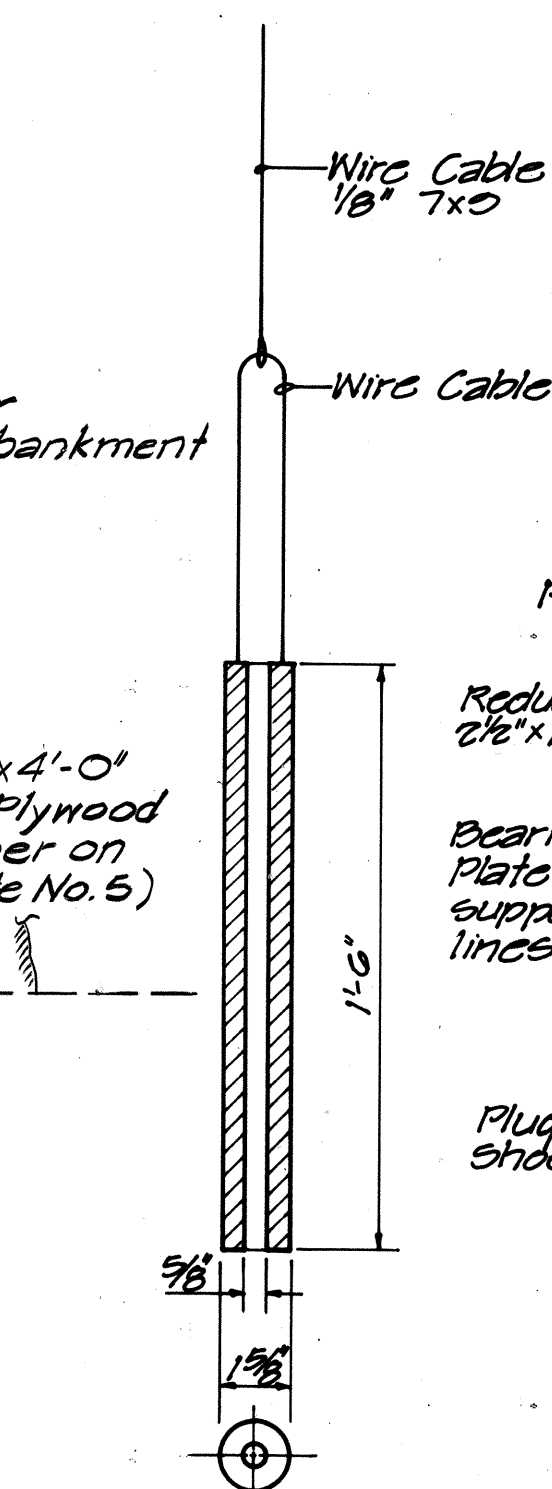


SETTLEMENT PLATFORM DETAIL

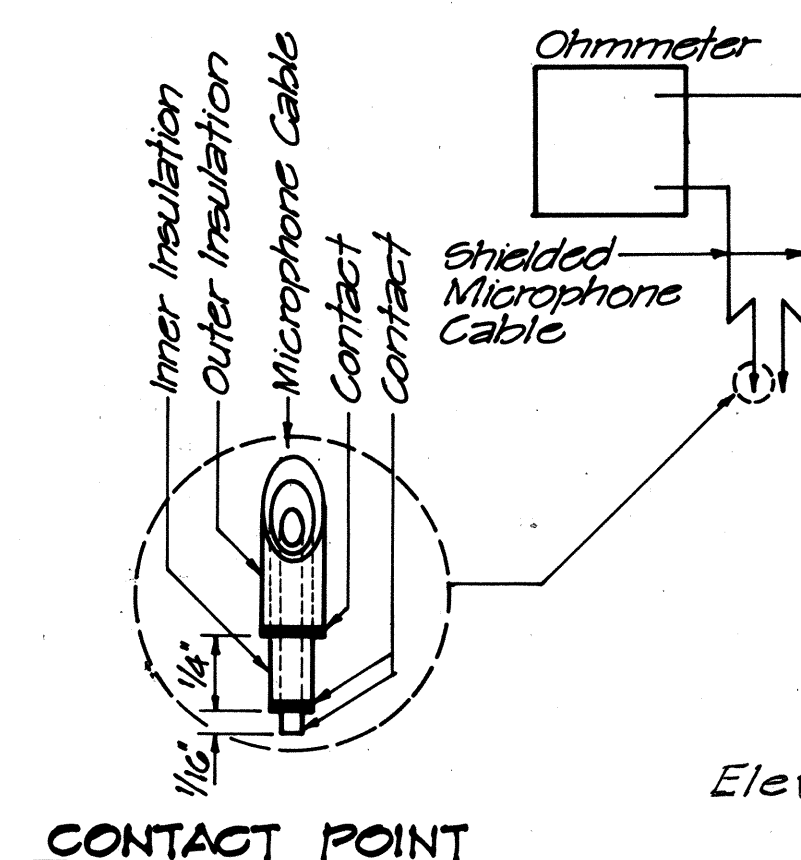
Not to Scale

SETTLEMENT PLATFORM NOTES:

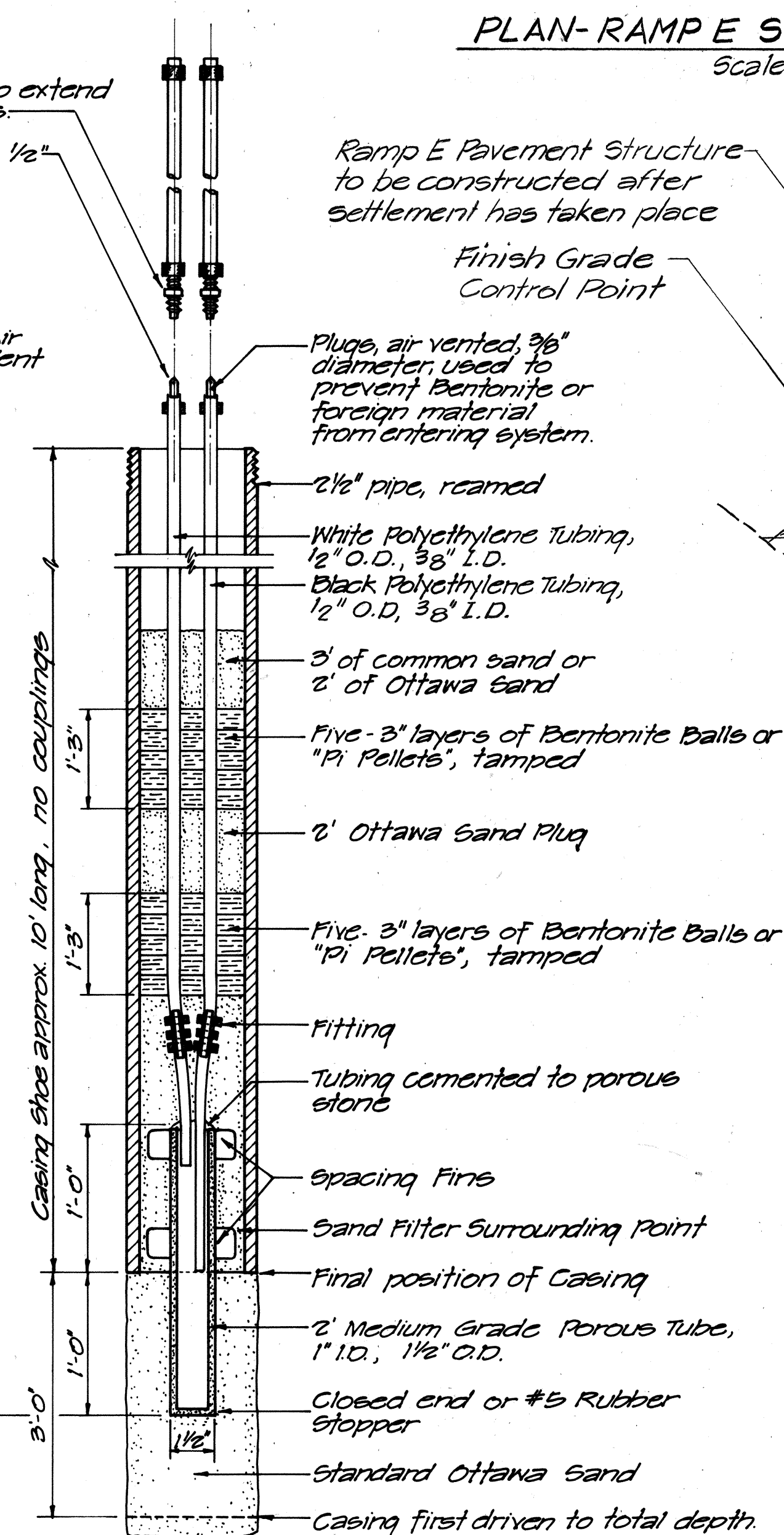
1. The Contractor shall use Wood Base Settlement Platforms.
2. Contractor to furnish material and labor to extend pipe up through fill.
3. All vertical pipes of Settlement Platforms shall be accurately and consecutively numbered in one foot intervals measured from the bottom of the Settlement Platform 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. Settlement Platforms shall be placed on existing ground. Ground shall be made level as necessary.
5. Sound lumber must be used for the Wood Base Platform.



TAMPING HAMMER



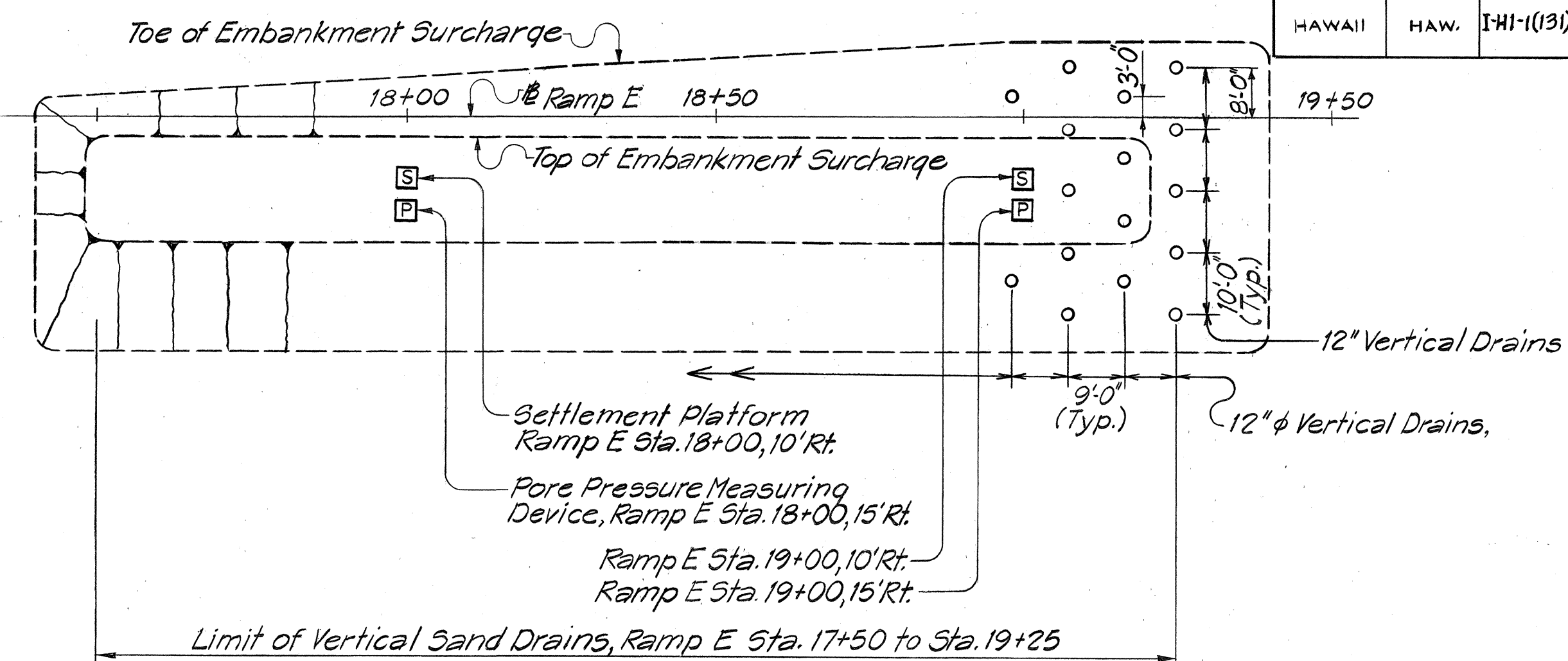
CONTACT POINT



PORE PRESSURE MEASURING DEVICE DETAIL

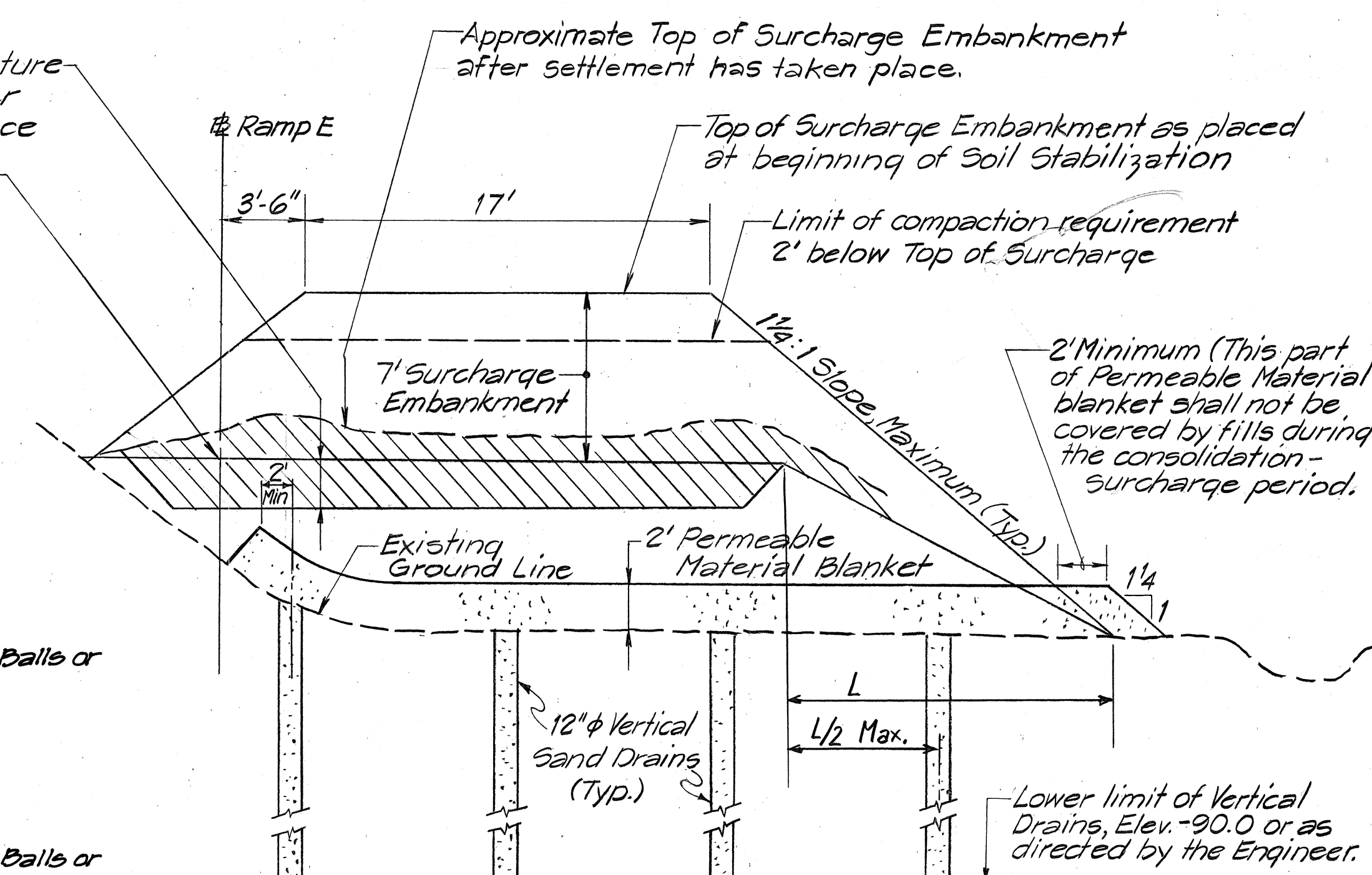
(PIEZOMETER)

Not to Scale



PLAN-RAMP E SAND DRAIN LAYOUT *

Scale: 1" = 20'

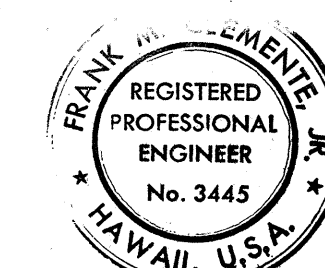


TYPICAL SECTION- SAND DRAIN *

Not to Scale

 = Excavation:
Hatched area to be
paid under "Road-
way Excavation"
pay item.

* In lieu of Sand Drains the Contractor may install prefabricated drain strips similar or equal to the "Geodrain" on an 8'x8' staggered pattern.



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

OR UNDER MY SUPERVISION.
Frank M. Clement

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

RAMP E SOIL STABILIZATION

INTERSTATE ROUTE H-1
PROJECT NO. I-H-1(131):17

SCALE: AS NOTED

DATE : AUG. 31, 1977

SHEET No. / OF / SHEETS