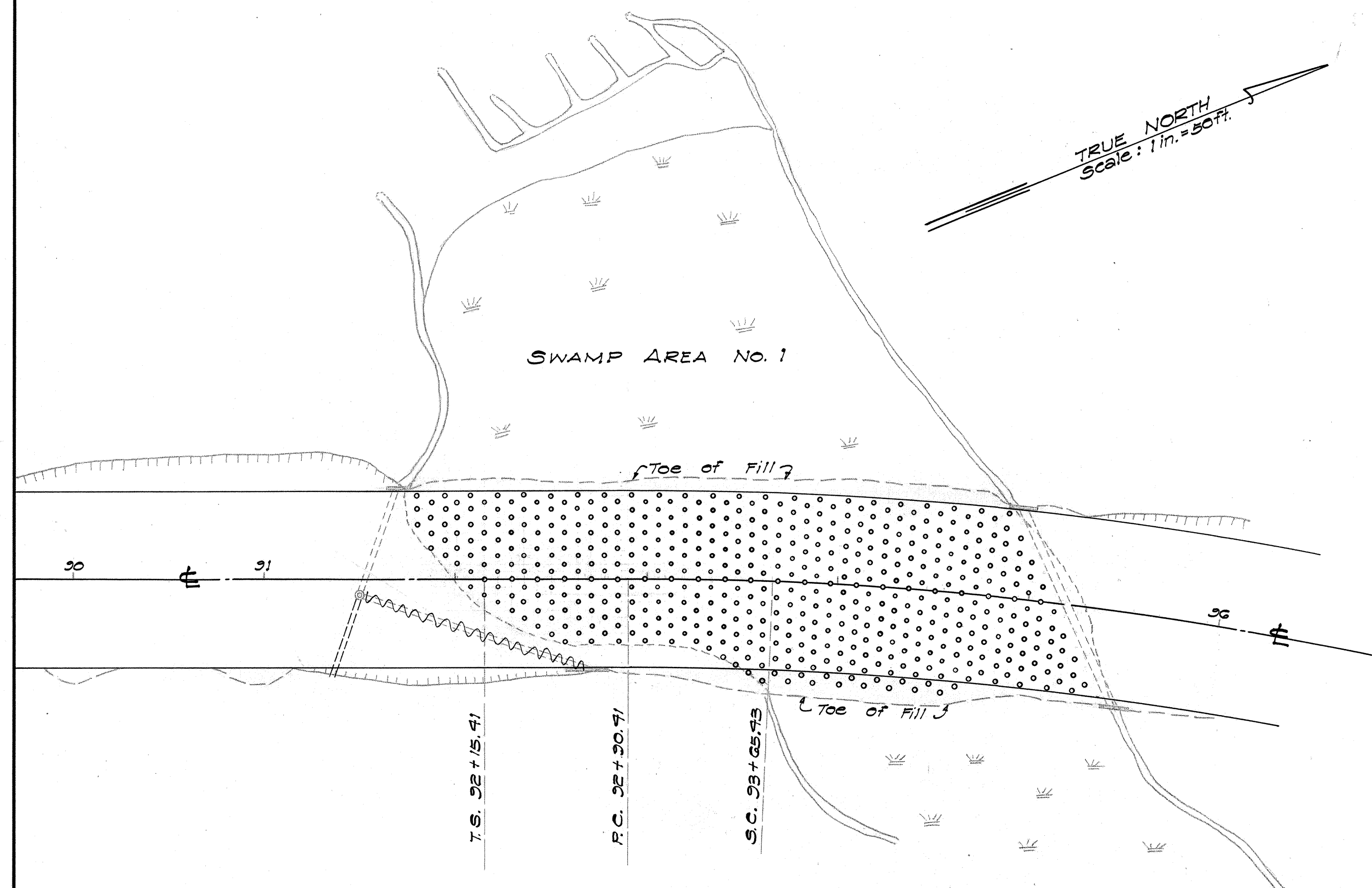
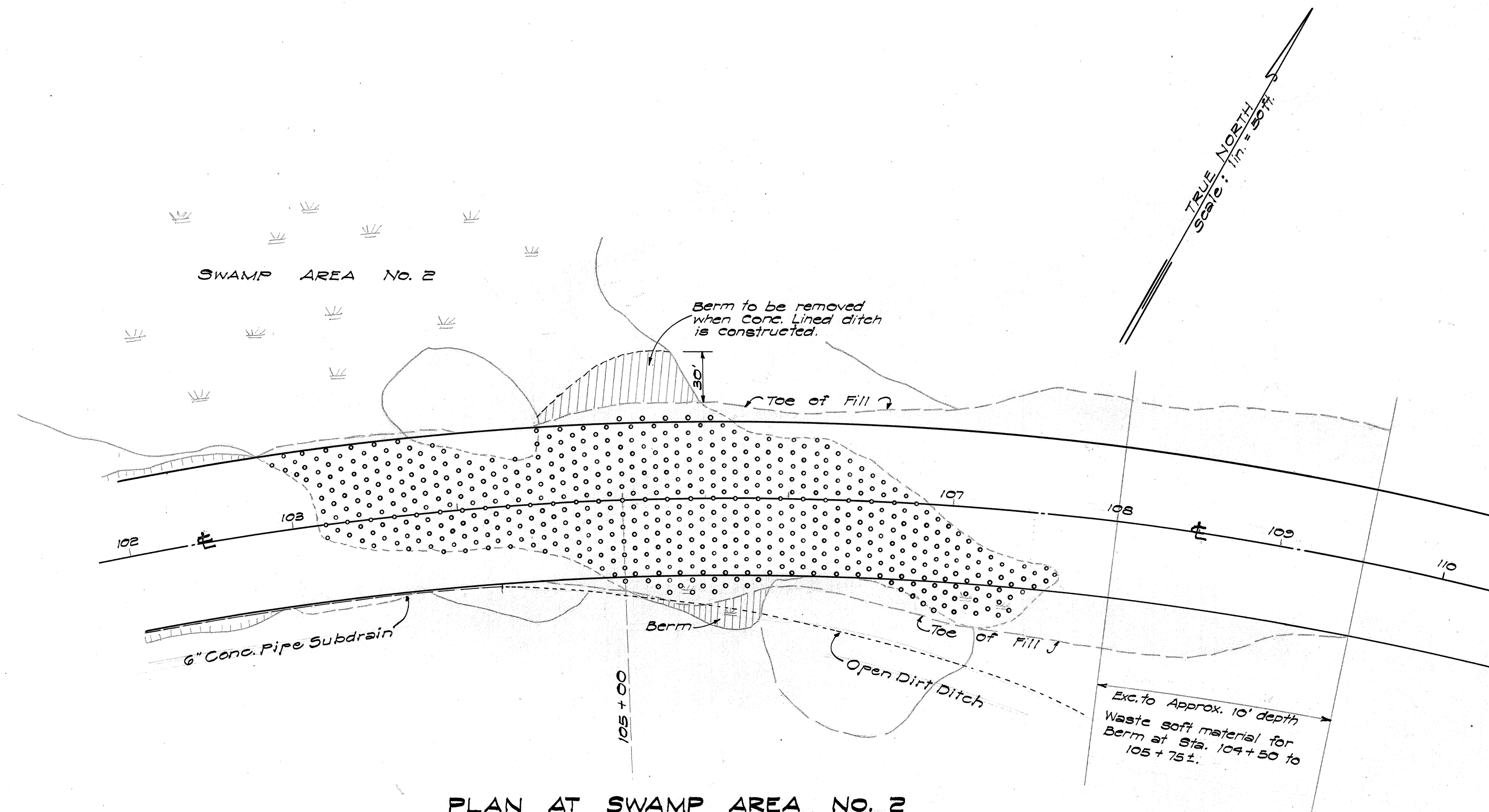




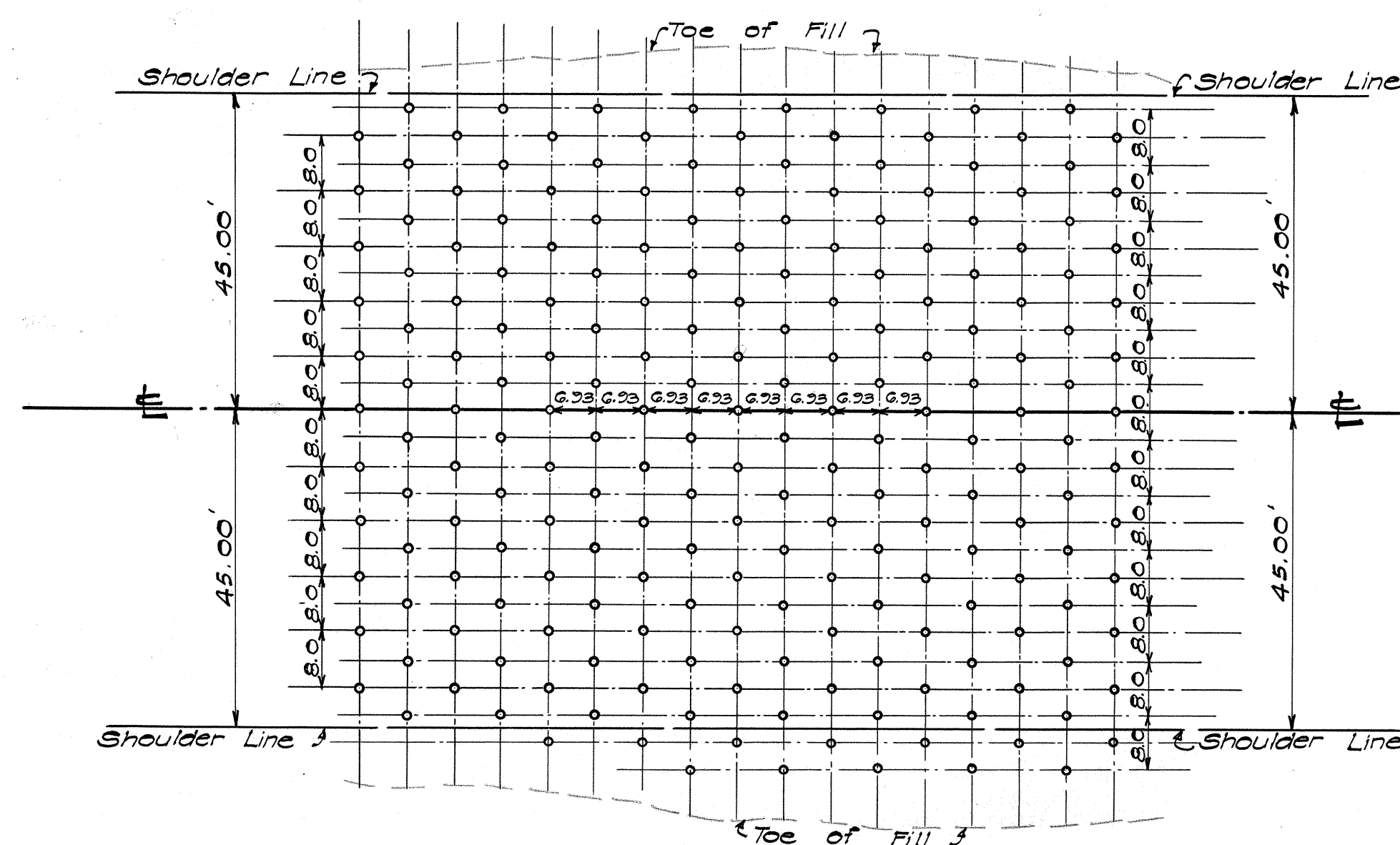
PLAN AT SWAMP AREA No. 1

ESTIMATED QUANTITIES SWAMP #1
 Vertical Drain = 18,216 L.F.
 Sand (vert. Drain) = 1,184 cy.
 Sand (Blanket) = 2,780 cy.



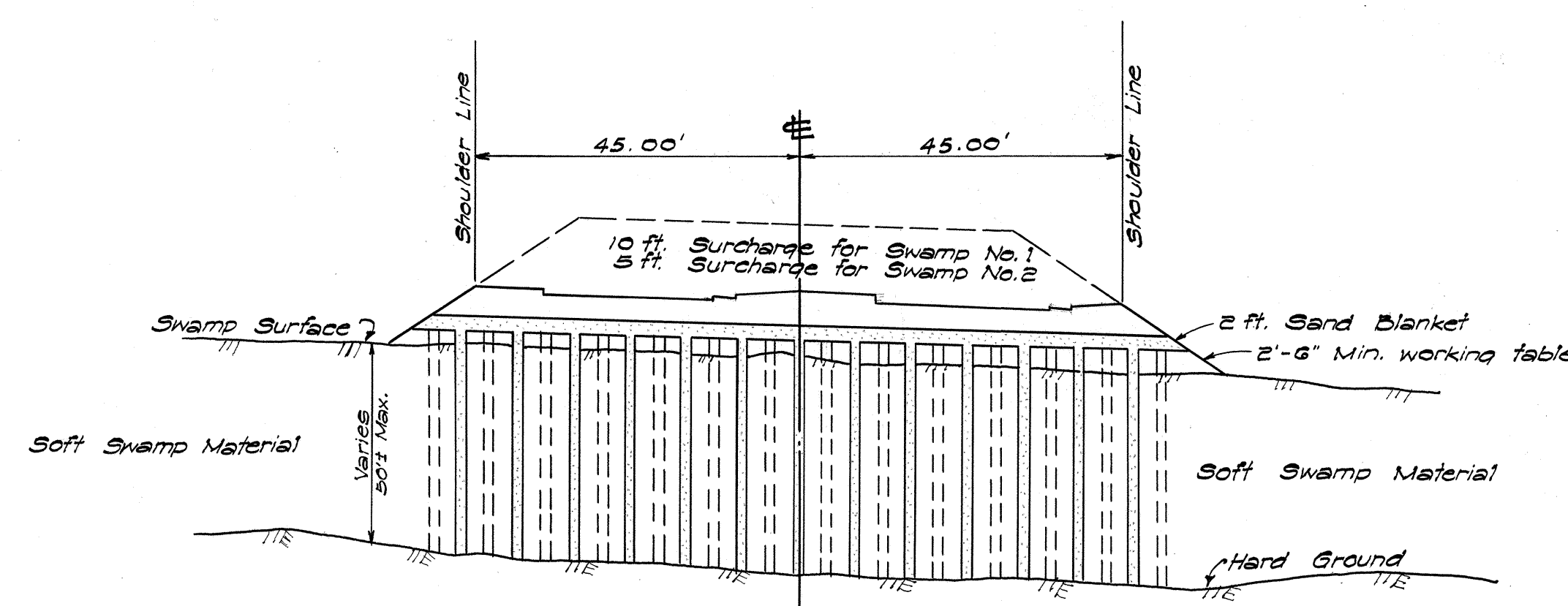
PLAN AT SWAMP AREA No. 2

ESTIMATED QUANTITIES SWAMP #2
 Vertical Drain = 11,760 L.F.
 Sand (vert. Drain) = 779 cy.
 Sand (Blanket) = 2,752 cy.



TYPICAL LAYOUT OF SAND DRAINS
 Scale: 1 in. = 20 ft.

Longitudinal centerlines are concentric with $\pm$ and equidistant.
 Transverse centerlines are normal to $\pm$ and equidistant @ $\pm$.
 Drains are of 16 in. dia. staggered in alternate rows.



TYPICAL TRANSVERSE SECTION
 Scale: 1 in. = 20 ft.

NOTE:
 Surcharge shall be placed as soon as possible and shall be complete in place 120 calendar days prior to completion of Contract date. Removal of Surcharge shall be done by others.
 For further details refer to Specifications.
 No Select Borrow shall be placed between Sta. 21+75 to 95+25 and Sta. 108+00 to 108+00. Stations designated above are approximate only and may be revised by the Engineer as deemed necessary by field conditions.

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII

SAND DRAINS

LIKELIKE HIGHWAY
 FED. AID SECONDARY PROJ. No. S-0630(5)
 SCALE: AS NOTED MAY 1957

SHEET NO. OF SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NO.	