TRUCK-BOX SOIL PROBE

SEE SHEET 2 FOR DETAILS

1 1/4" PIPE

POSIXION OF BOX WHEN PROBE IS LOWERED INTO SOIL

ADJUST LENGTH OF 1" PIPE TO FIT THIS HEIGHT

1" EXTRA STRONG PIPE OR STEEL SHAFT INSERTS INTO 1 1/4" PIPE

DRILL 1/2" HOLES 7" APART TO MATCH HOLES IN 1 1/4" PIPE

ND PLAN 3/61-0

ND 3/61-1

COOPERATIVE EXTENSION SERVICE
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DESIGNED BY
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DRAWN BY R. COSSETTE
SOIL PROBE

1/2" BOLT
1 1/4" PIPE

WELD

1 1/2" x 1/4" x 10" IRON STRAP BENT AROUND AND WELDED TO PIPE

HOLE FOR 1/2" BOLT

DESIGN AND USE OF MOUNTING BRACKETS WILL VARY ACCORDING TO TRUCK BOX

1" PIPE "EXTRA STRONG" OR 1 1/4" STEEL SHAFT

3/8" BOLT

2 1/2" x 1/2" x 4" STEEL PLATE CUT AS SHOWN TO FIT INSIDE OF 1" PIPE

3/8" BOLT

3 3/4" 1/8" PLAY

1 1/2"

PULL PIN
1" STEEL TUBING PROBE...24" LONG

SIDE VIEW

FRONT VIEW ND 3/14-0

DATE: Nov. 4, 1968

sheet 2 of 3
PROBE IS MADE OF 1" STEEL TUBING, 28" LONG, TAPER END AS SHOWN HERE

HEAT END OF PROBE BEFORE FORMING END.

FIRST, DRILL 7/8" HOLE, THEN, TAPER AS SHOWN

TAPERING DIE

2" STEEL SHAFT