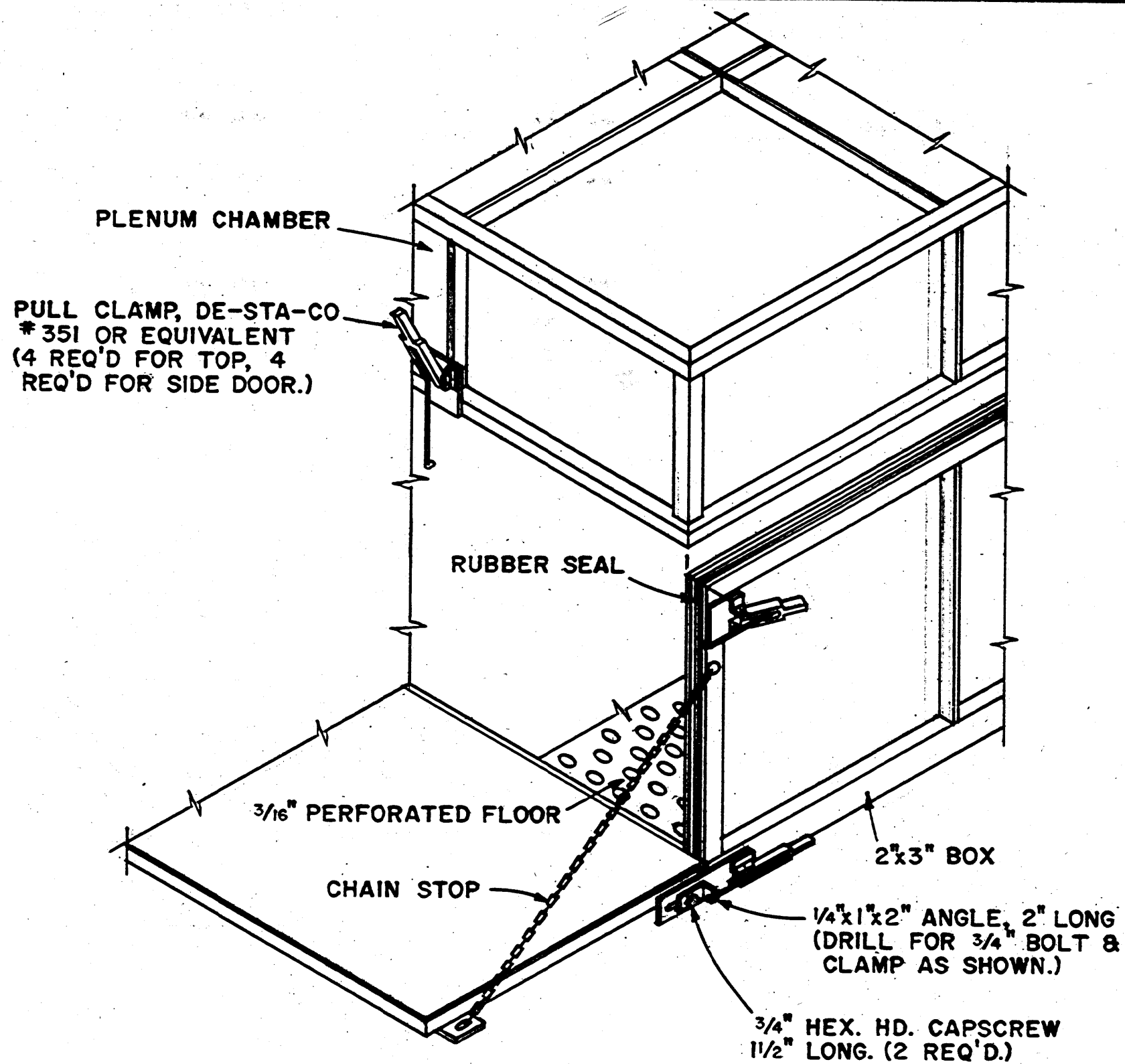
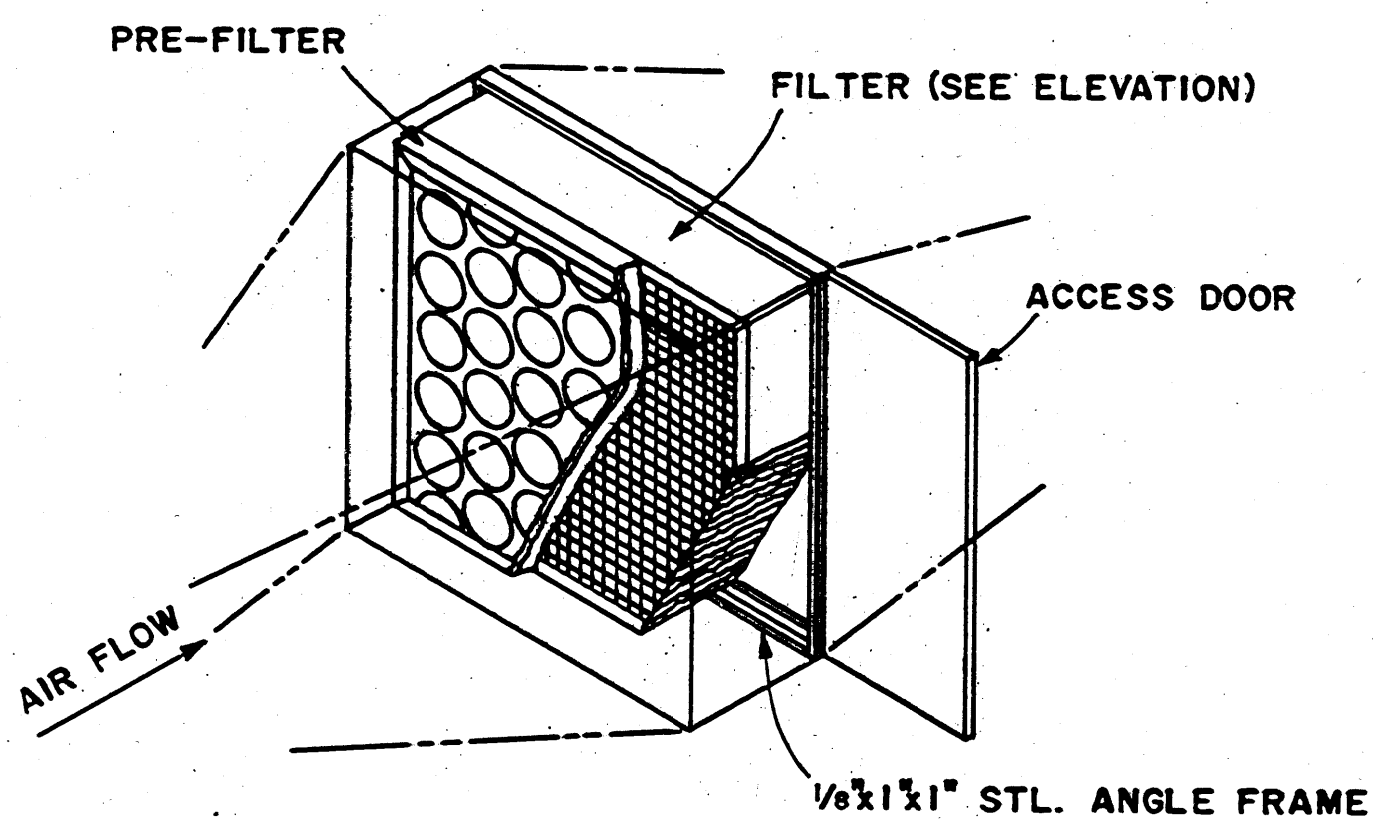


NOTE:
CONSULT LOCAL HEALTH AND
BUILDING CODE AUTHORITIES
BEFORE STARTING CONSTRUCTION.

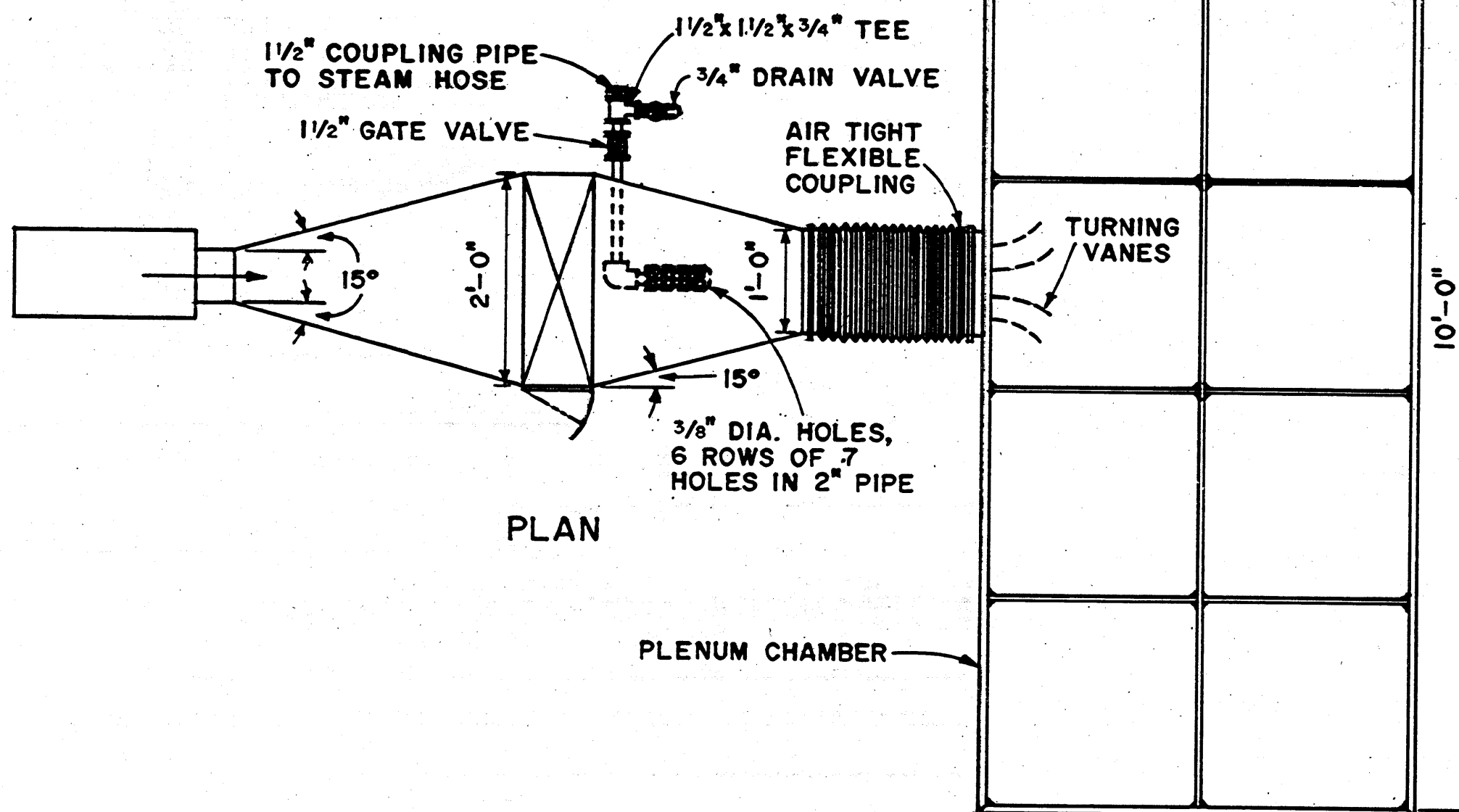
MENTION OF A TRADE NAME DOES NOT CONSTITUTE
A GUARANTEE OR WARRANTY OF THE PRODUCT BY
THE U.S. DEPARTMENT OF AGRICULTURE OR AN
ENDORSEMENT BY THE DEPARTMENT OVER OTHER
PRODUCTS NOT MENTIONED.



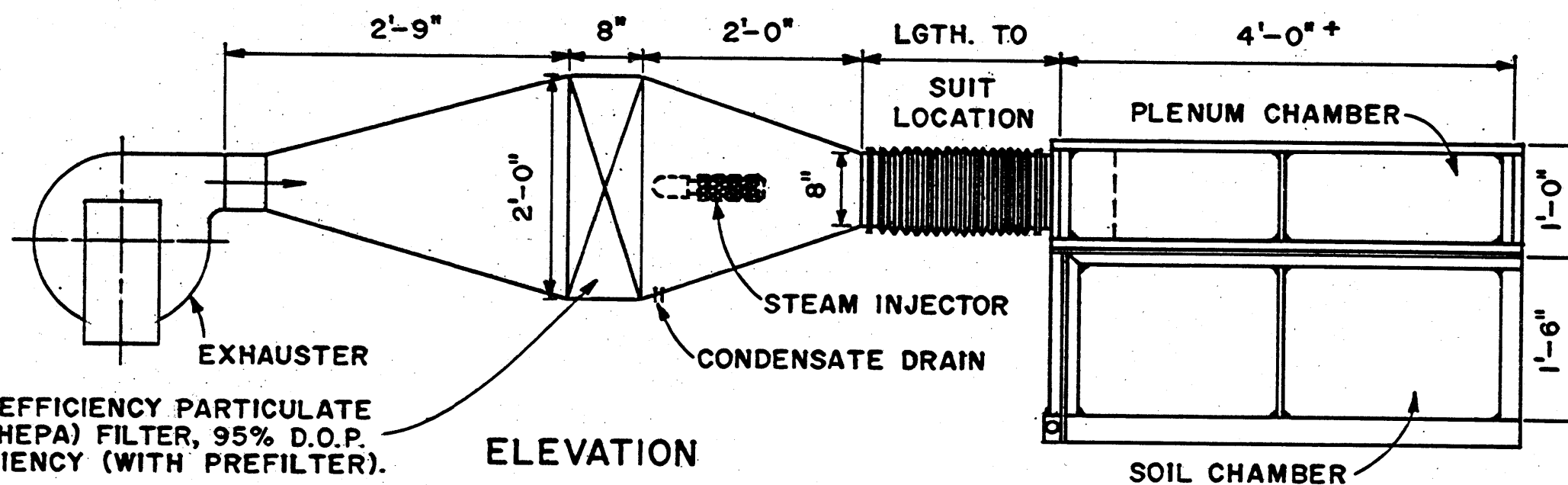
PARTIAL ISOMETRIC
NO SCALE



FILTER DETAIL
SCALE: 1" = 1'-0"
12" 9" 6" 3" 0" 1"



PLAN



ELEVATION

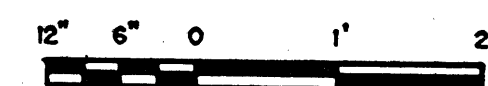
* HIGH EFFICIENCY PARTICULATE
AIR (HEPA) FILTER, 95% D.O.P.
EFFICIENCY (WITH PREFILTER).

GUIDE TO BLOWER SELECTION

BLOWER		MATERIAL
CAPACITY (C.F.M.)	STATIC PRESSURE (IN. OF WATER)	
450	15	1:1:1 MIX SOIL: PEAT: PERLITE
800	15	1:1:1 MIX SOIL: PEAT
675	20	MINERAL SOIL.
700	10	SPHAGNUM MOSS PEAT.

* FOR RESEARCH PURPOSES USE ABSOLUTE
FILTER. MATCH FILTER & BLOWER CAPACITIES.

BASED ON: PENN. STATE
UNIV. PLAN 822-372

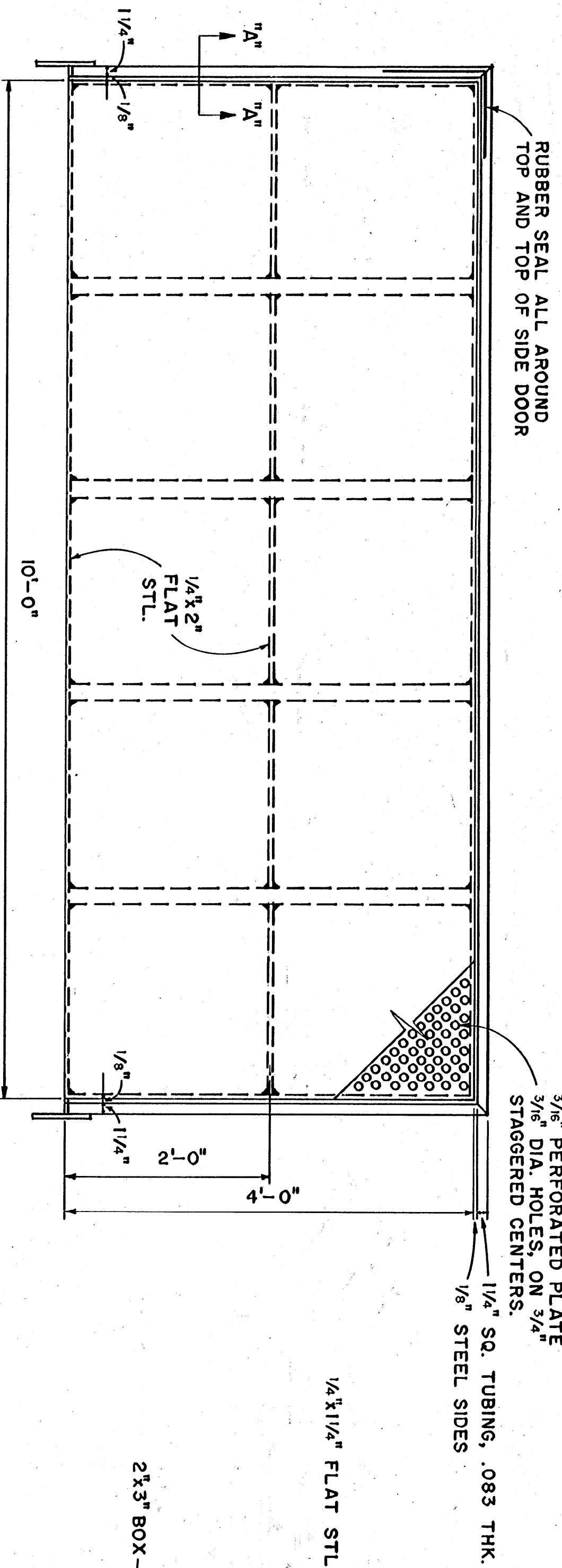


SCALE: 3/4" = 1'-0" UNLESS
OTHERWISE NOTED

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MISSISSIPPI STATE UNIVERSITY
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

SOIL TREATING SYSTEM

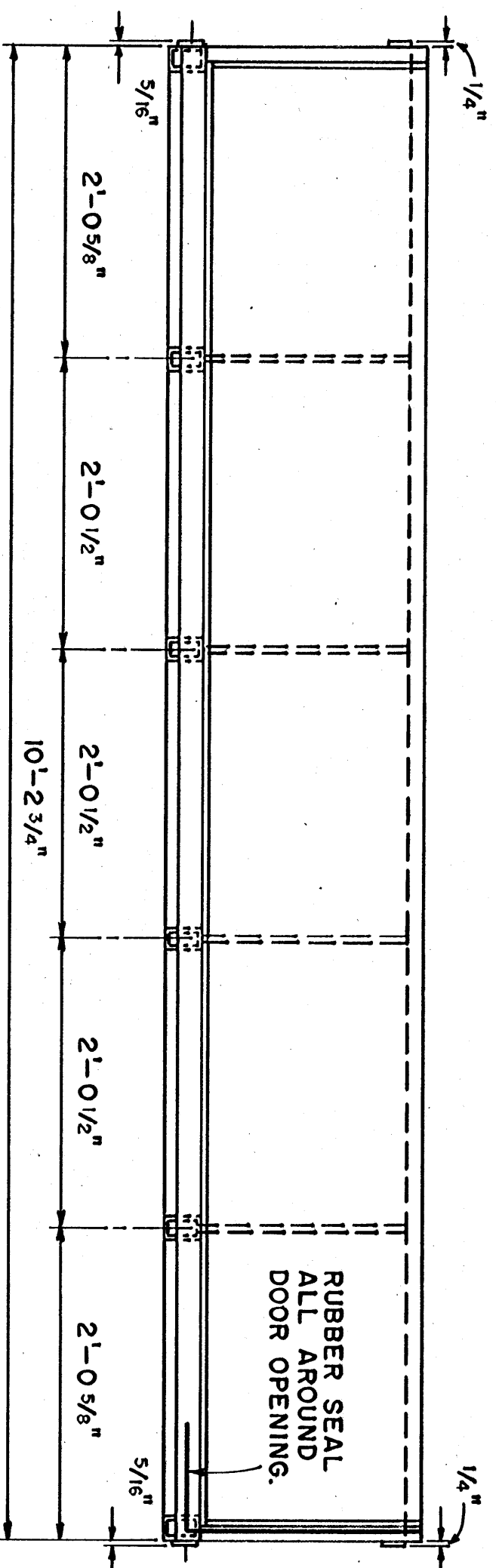
PA. '75 6198 SHEET 1 OF 3



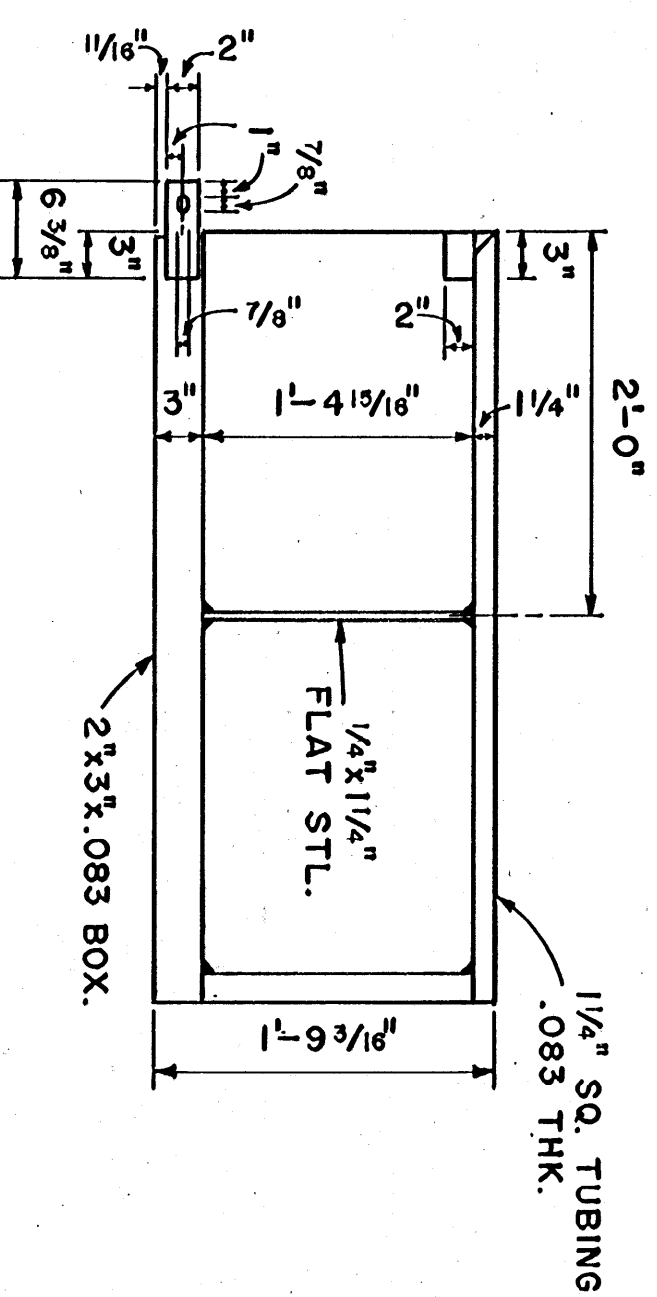
SOIL CHAMBER
PLAN

NOTE:
MAKE INSIDE WELDS
CONTINUOUS & AIR TIGHT.

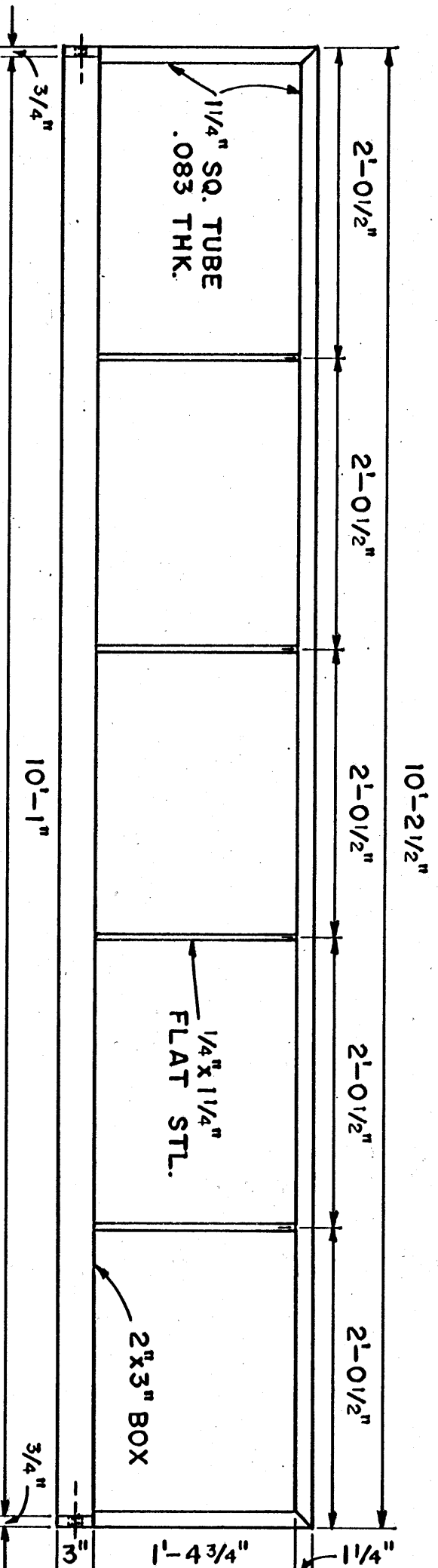
SECTION "A-A"
SCALE: 2" = 1'-0"
6" 4" 2" 0"



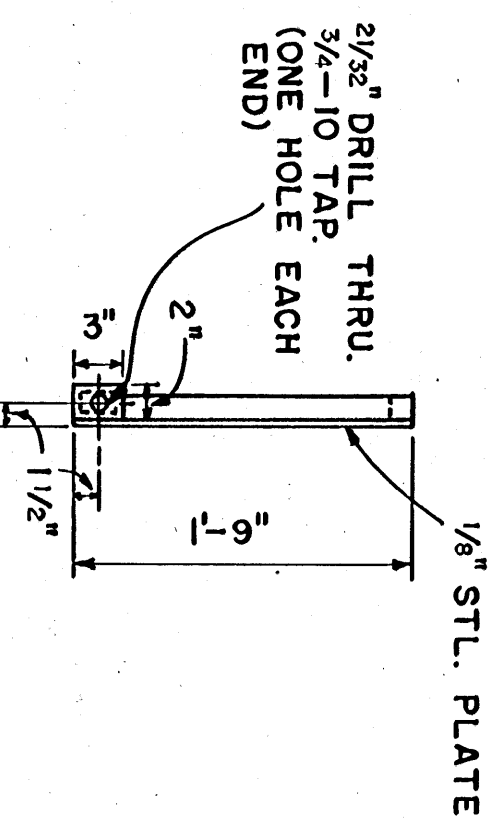
FRONT ELEVATION



SIDE ELEVATION



ELEVATION OF DOOR



SIDE ELEVATION

1" = 1'-0" UNLESS OTHERWISE NOTED.

12" 9" 6" 3" 0

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SOIL TREATING SYSTEM

PA. '75 6198 SHEET 3 OF 3