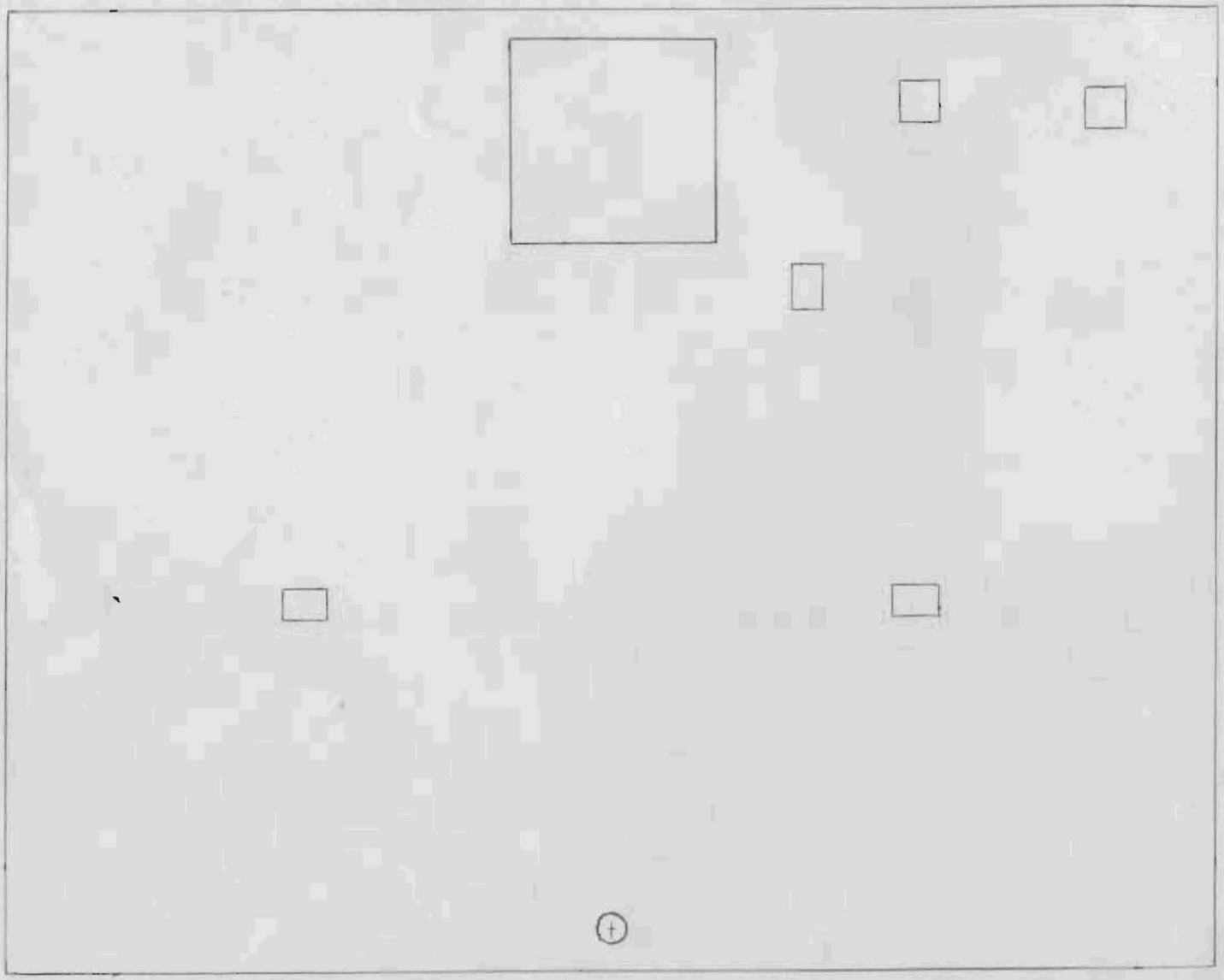
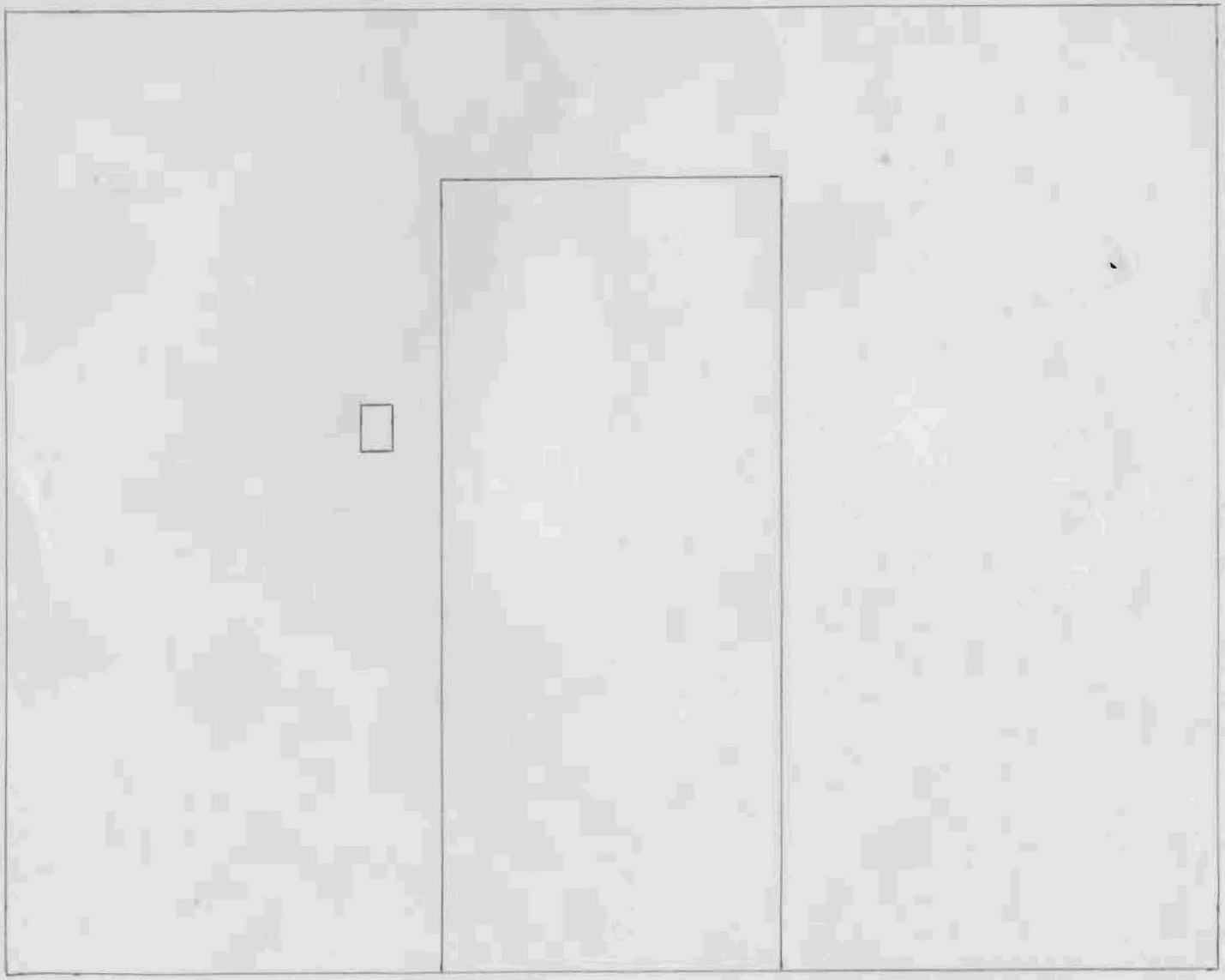
North East Wall

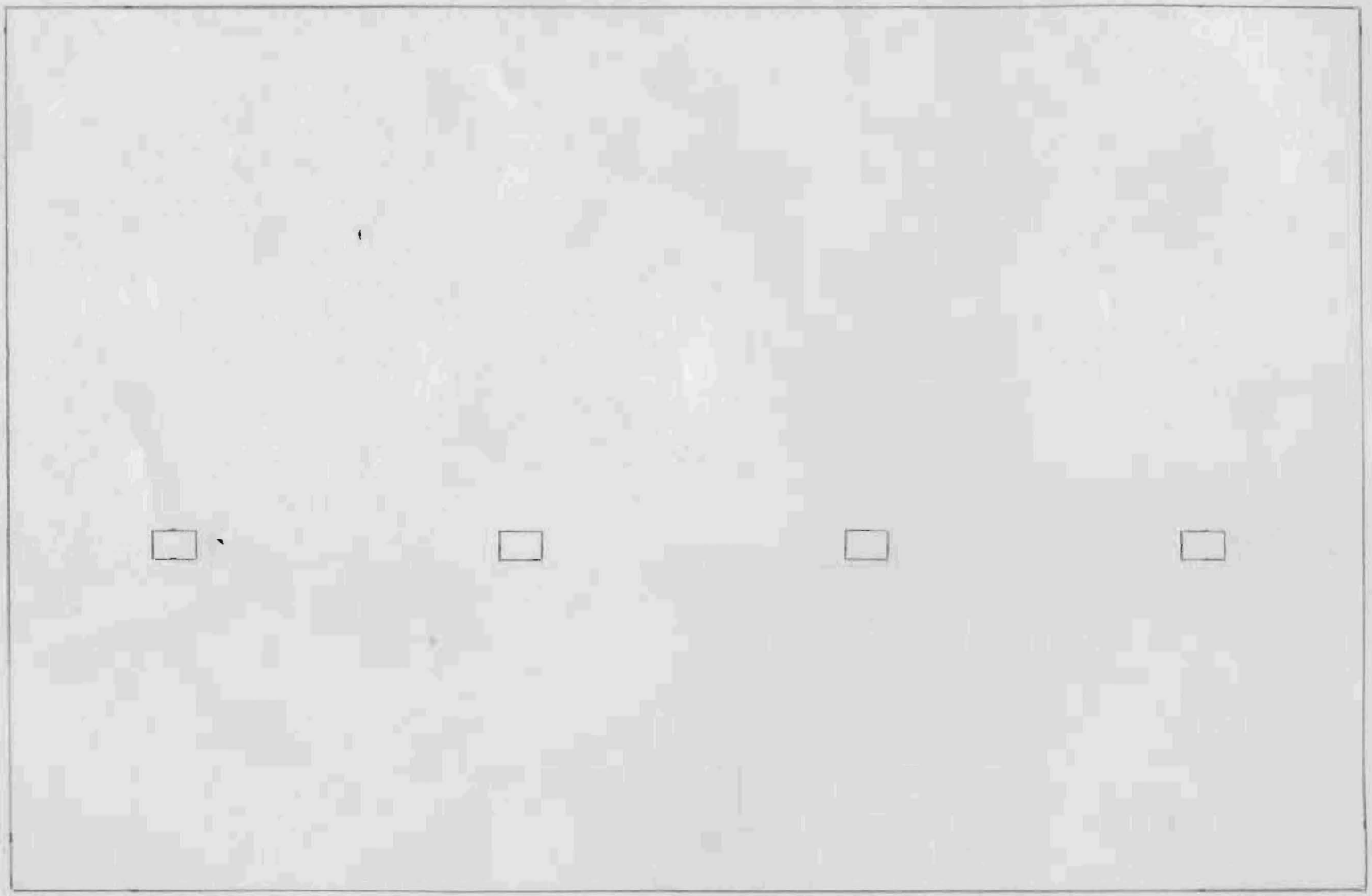


South East Wall

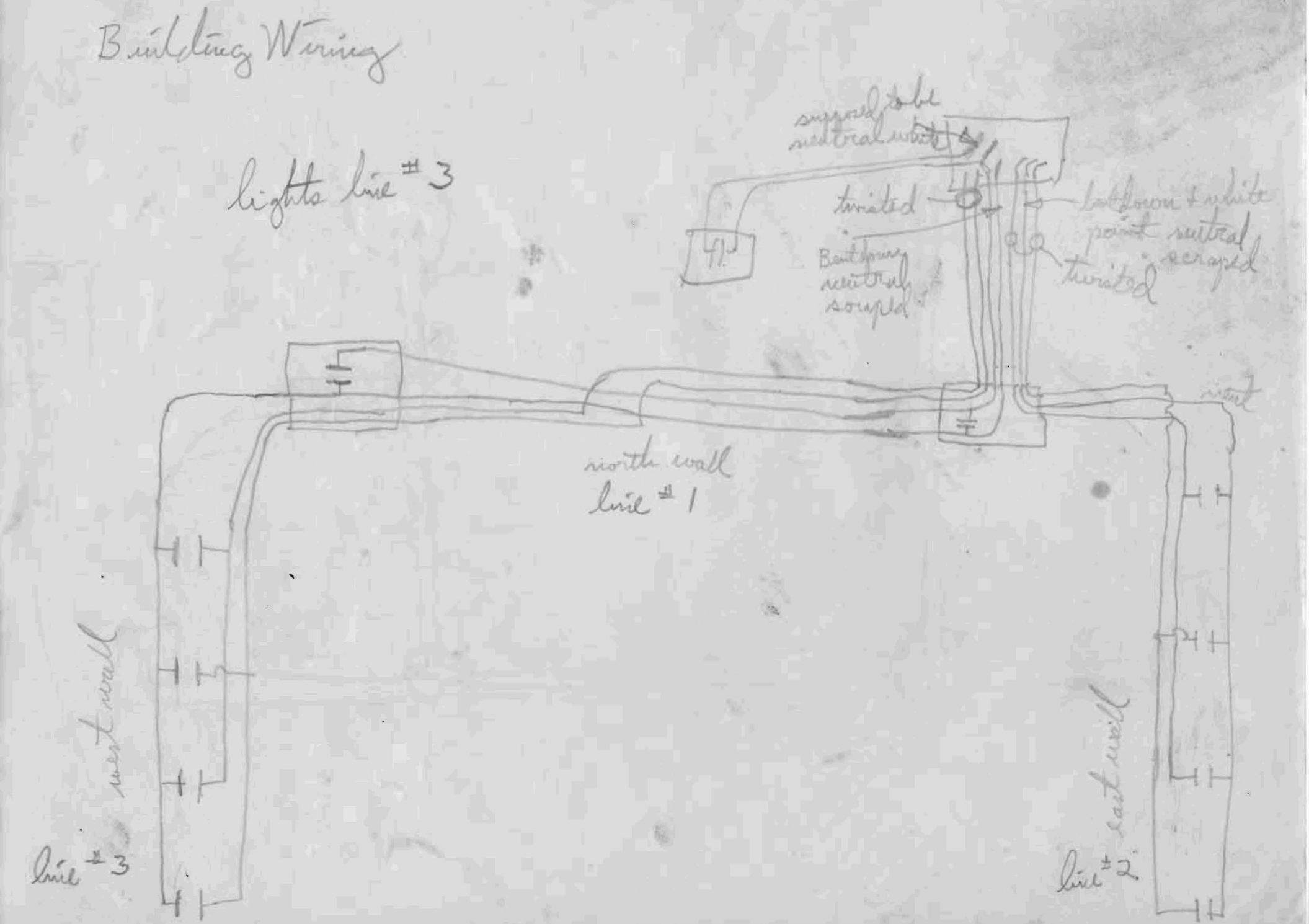
South West Wall



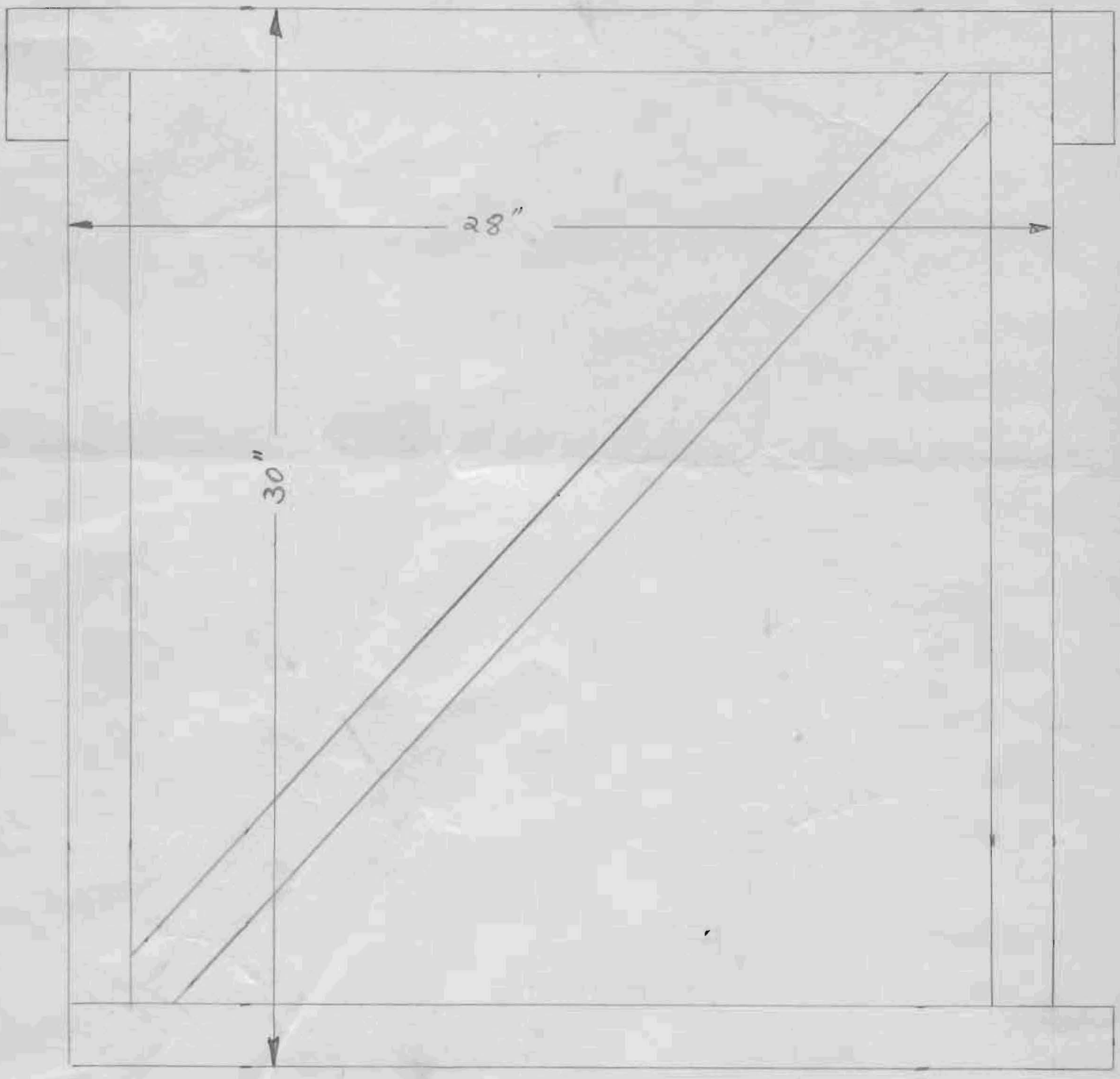
North West Wall



Building Wiring



Bench Supports



Data on Heating Radiator Setup

Engine radiator

29" high overall at top cap

Normal Water level 27" above bottom of radiator

Bottom of radiator 24" above floor of shed

Thus Normal Water level 51" above floor of shed

Floor of shed 12¼" below floor of building

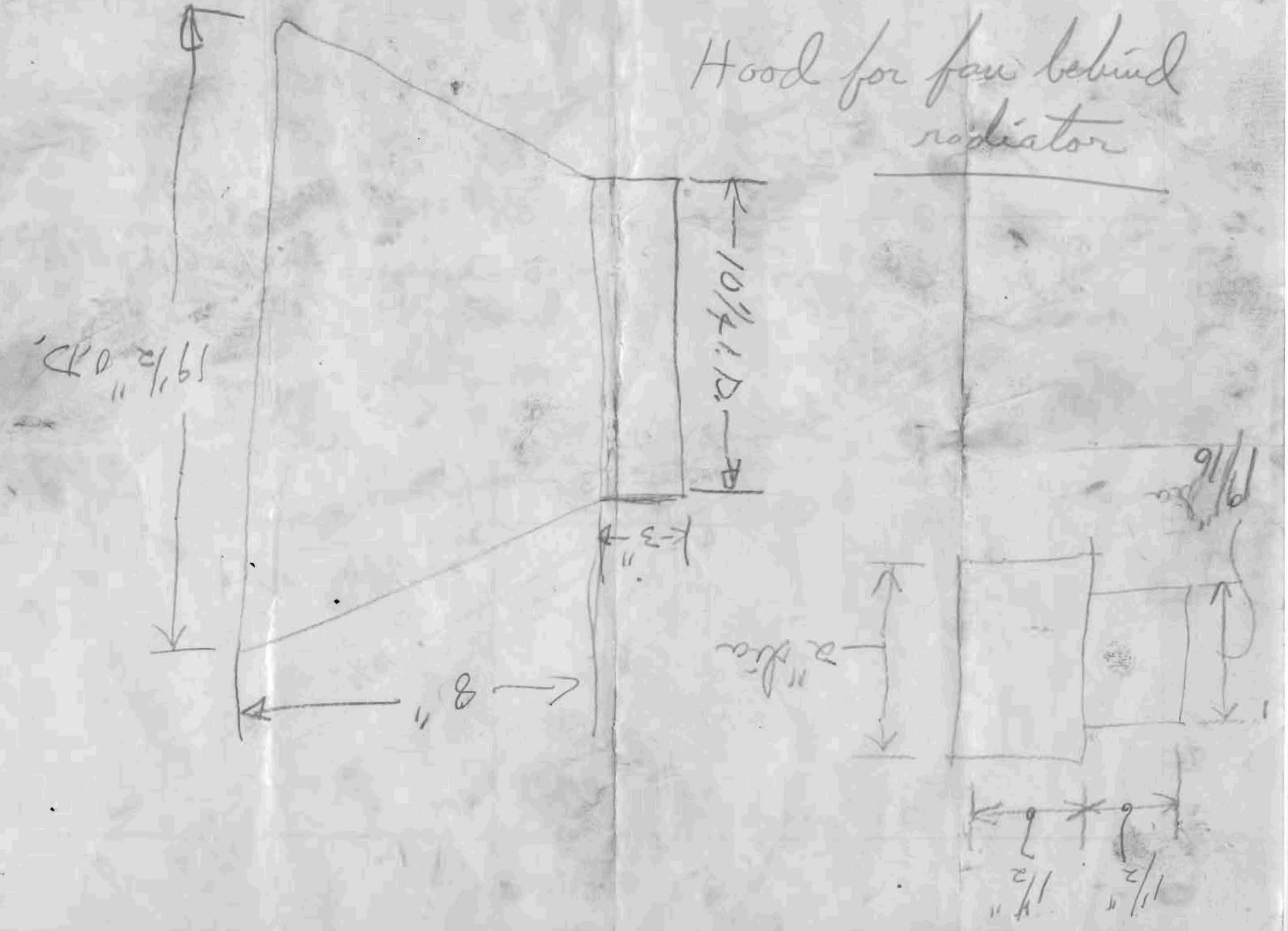
Thus Normal Water level 39" above floor of building

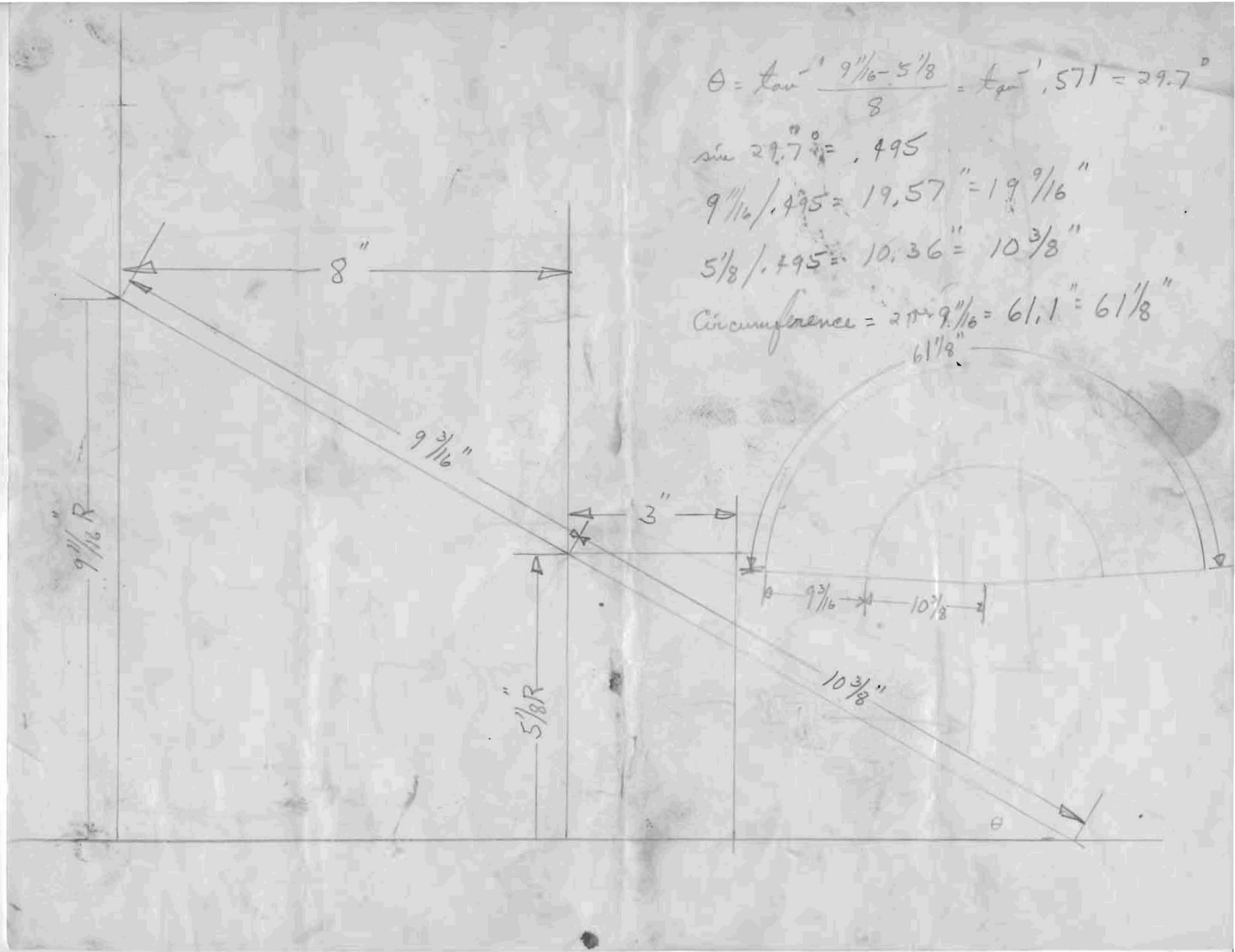
Height of bench 30" above floor of building

Thus Normal Water level 9" above bench

Consequently heating radiator under bench must be sealed.

Hood for fan behind radiator





$\theta = \tan^{-1} \frac{9\frac{3}{16} - 5\frac{1}{8}}{8} = \tan^{-1} .571 = 29.7°$

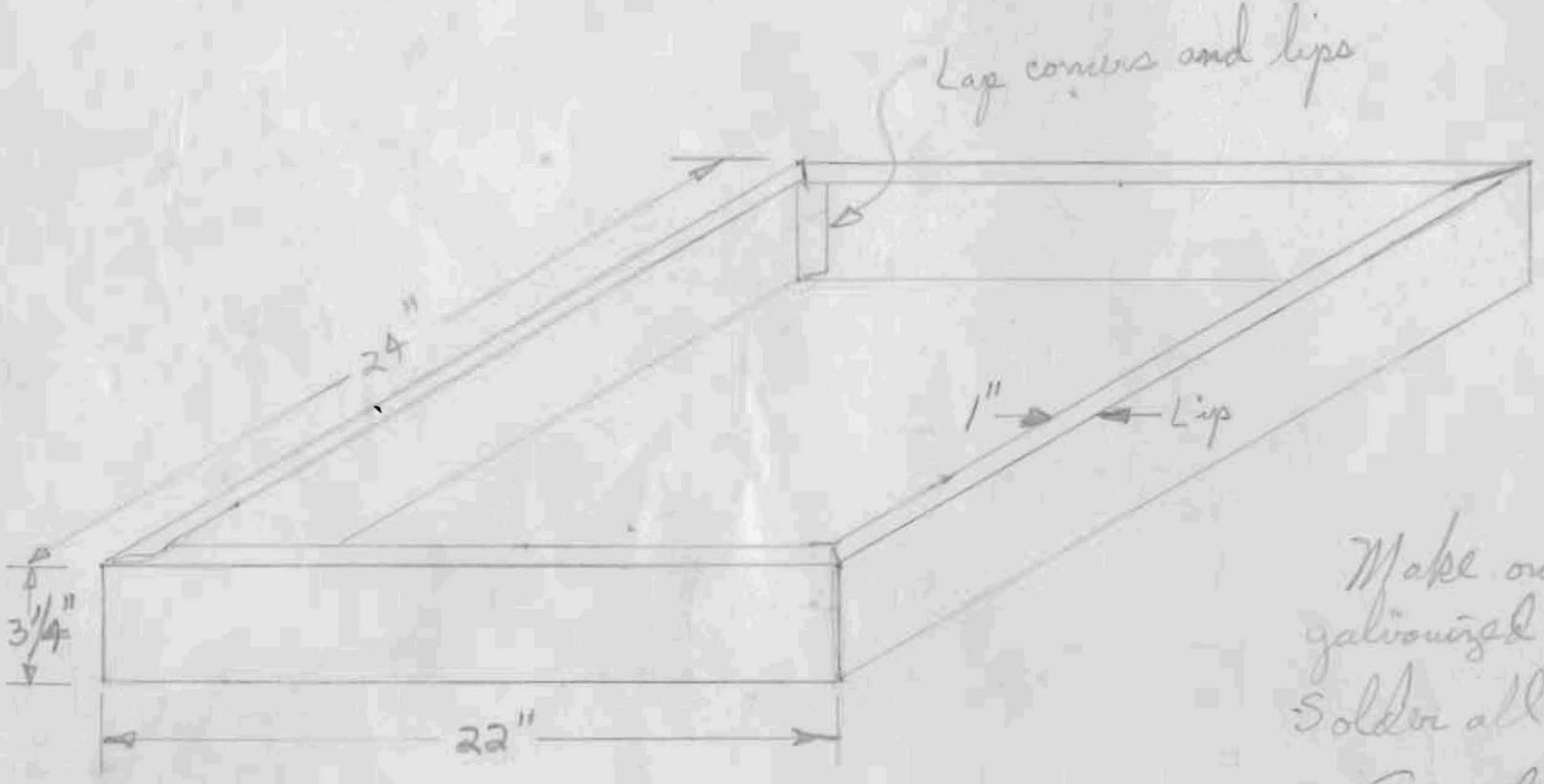
$\sin 29.7° = .495$

$9\frac{3}{16} / .495 = 19.57" = 19\frac{9}{16}"$

$5\frac{1}{8} / .495 = 10.36" = 10\frac{3}{8}"$

Circumference $= 2\pi \cdot 9\frac{3}{16} = 61.1" = 61\frac{1}{8}"$

O.K



Make one of galvanized sheet metal
Solder all joints

Grote Reber

3-29-52

7-23-51

Level of foundation ring 4½" above top of center post.

~~Extend shed about~~

Shed is 89" long, 73" wide and from 72" to 80" high on inside clearance.
The hole in wall is 3" I.D. and centered 43½" from door end of shed and 16½" above floor line. Center of hole 1½" toward engine end from center of frame.
The N.E. end of shed has an opening 50½" high & 35¾" wide, a ledge 4" wide by 4½" high is in one corner.
There are space for windows 15" high & 43½" long on S.E. side & 20" high by 35½" long on N.E. side. also 23½ high by 35½ long on N.E. side.
The doorway on S.W. is 36" wide by 75" high.
Need ship lap to cover N.E. side 78" long by 88" high, S.E. side 98" long X 78" high & S.W. side 36" long by 78" high;

about 8 ft of hose (three lengths) are needed from engine to hole in wall.
Hole in wall is 14 inches long.
about 7 ft of hose (three lengths) are needed from hole in wall to radiator inside bldg, thus Three lengths each 16 feet long are needed.

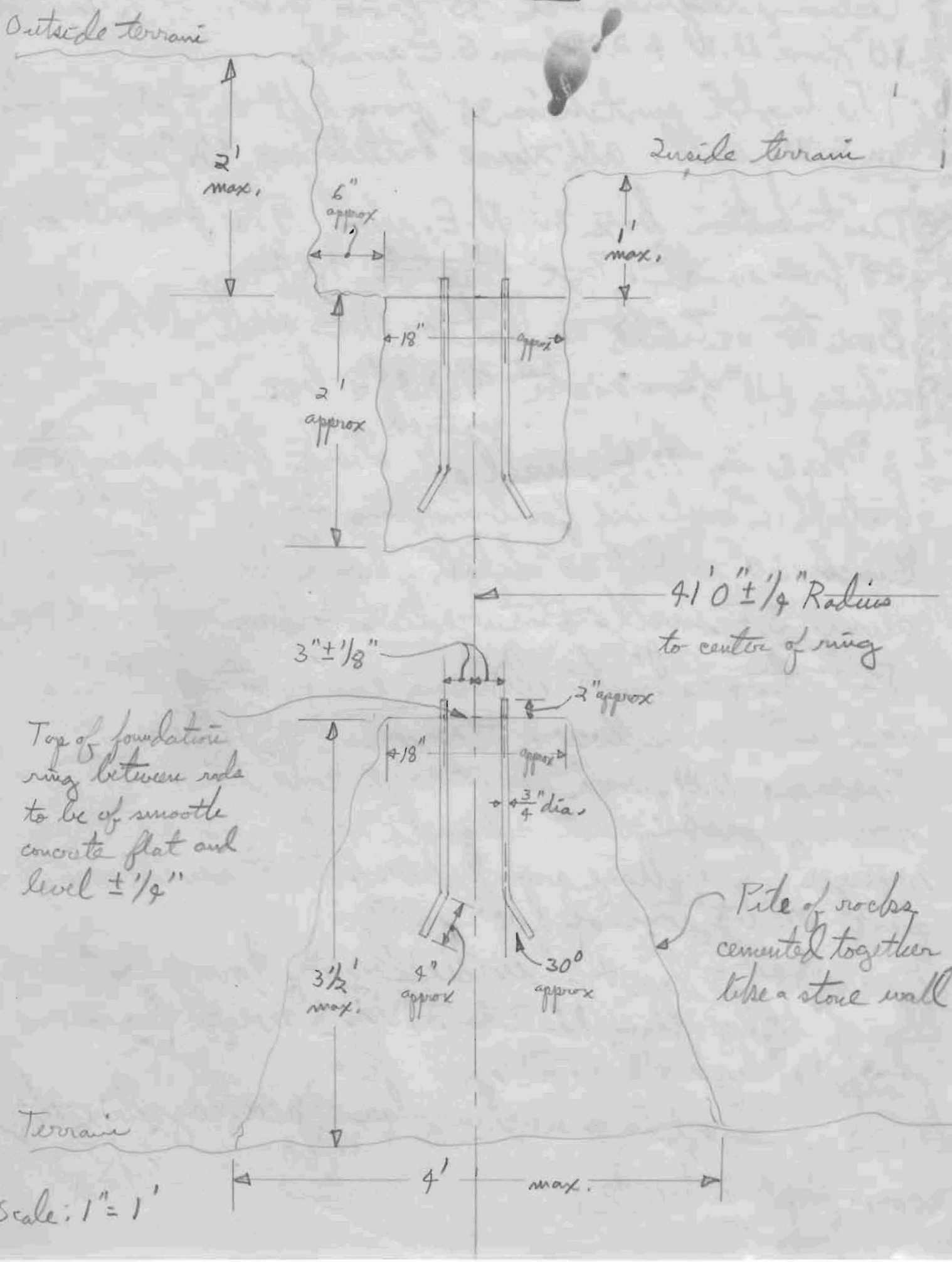
Door needs weather stripping 80" high and 35" wide.
Louvres in door to be cut out giving a panel 61½" high by 22" wide.
Opening in N.E. wall is 20" x 20"
Need windows for both of these.

Outlet boxes on S.E. wall center 36" above floor and are 13", 38", 36" + 38½" spacing from left.
A 3" pipe for bringing in wires is centered 7" from left + 10" from ceiling.
Boxes on N.W. wall center 36" above floor and are 17, 36, 36 + 35" from left.
Boxes on N.E. wall center 36" above floor and are 29" from left + 29" from right walls.
An extra box 27" from ceiling + 48" from right wall is also present.

Pipe comes out 18" above ground & on outside of bldg.

Ceiling lights are 35" from S.W, 35" from N.E
30" from N.W & 29" from S.E walls.
The light switch is 36" from left & 53" from floor
on S.W. wall. All these outlets are 4½"x3".
Distribution box on N.E. wall 9½" from ceiling &
29" from right. Box ~~4½x4½~~ 4x4
Box to outside conduit on N.E. wall 10½" from
ceiling & 11" from right 4½x4½ box
3" pipe in N.E. wall, centered 4" above floor in center
of wall. Suitable for bringing in R.F. feeders.
Bench 30" wide & 30" high should be built
along S.E. wall. Put radiator & fan under bench.
Put two cabinets electronic equipment on N.E.
wall under window. ~~[illegible]~~
Reserve N.W. wall for storage cabinets. It
seems probable that adequate ventilation will be
secured by leakage around door. Put ventilator
panel in bottom of door.
Trench 5" deep & 6" wide ~~of~~ down center of
floor of bldg from N.E to S.W., covered by iron
plate 1/4" thick & 8" wide.
Trench comes out in a rectangular opening directly
below pipe outside.

Crossections



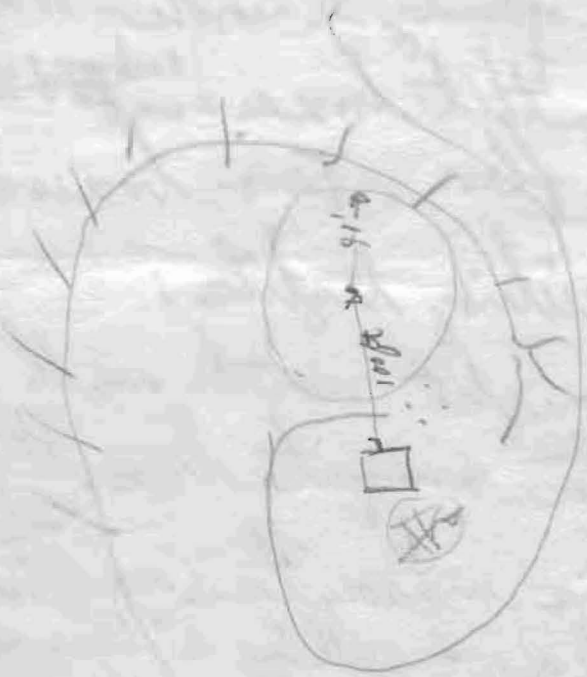
4-19-51

Block house 14' N, S; 12' E W, 9½' high outside.
6" wide ledge all around at base of house 11'9" 9'10" 7'10" high inside.

Door 33" wide 77½" high on South
Inside Canec (Celotex) 1" thick
20" x 20" opening in north 71" off floor.
Four outlet boxes on each E+W sides
34" off floor. Two boxes on north.
Four ceiling lights.
Upper right north wall are distributor + input box. (This leads on pole to south pole underground. replaced)
Floor is masonite (used to be
On middle of east wall is 3" opening which can be used for piping, etc. abt 12' above floor. On east side is legato ½ N.S. 6' E,W; + 6' high with door on N + S.
500 Gal ~~TEXOL~~ gasoline tank is underground with line to [illegible] on 6-5-51 found top of fuel tank to be 38" below top of filling spout.

Three 40' & one 25' pole near bldg must be removed (cut down)

One frame to be removed by parks district



Shed Door

Door for shed

Ground System 11-3-51