#117

ORNL-DWG 88-7874R2

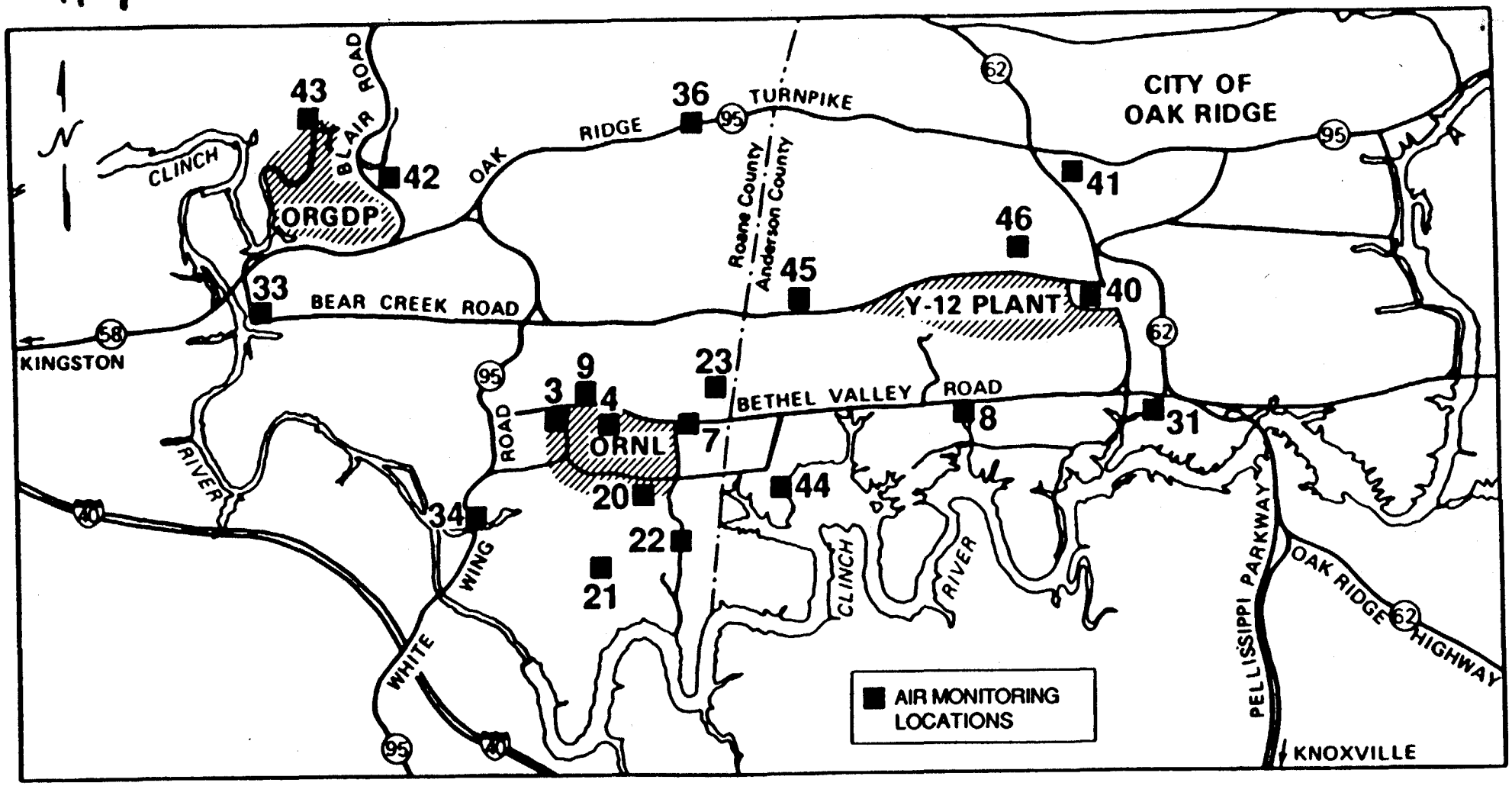
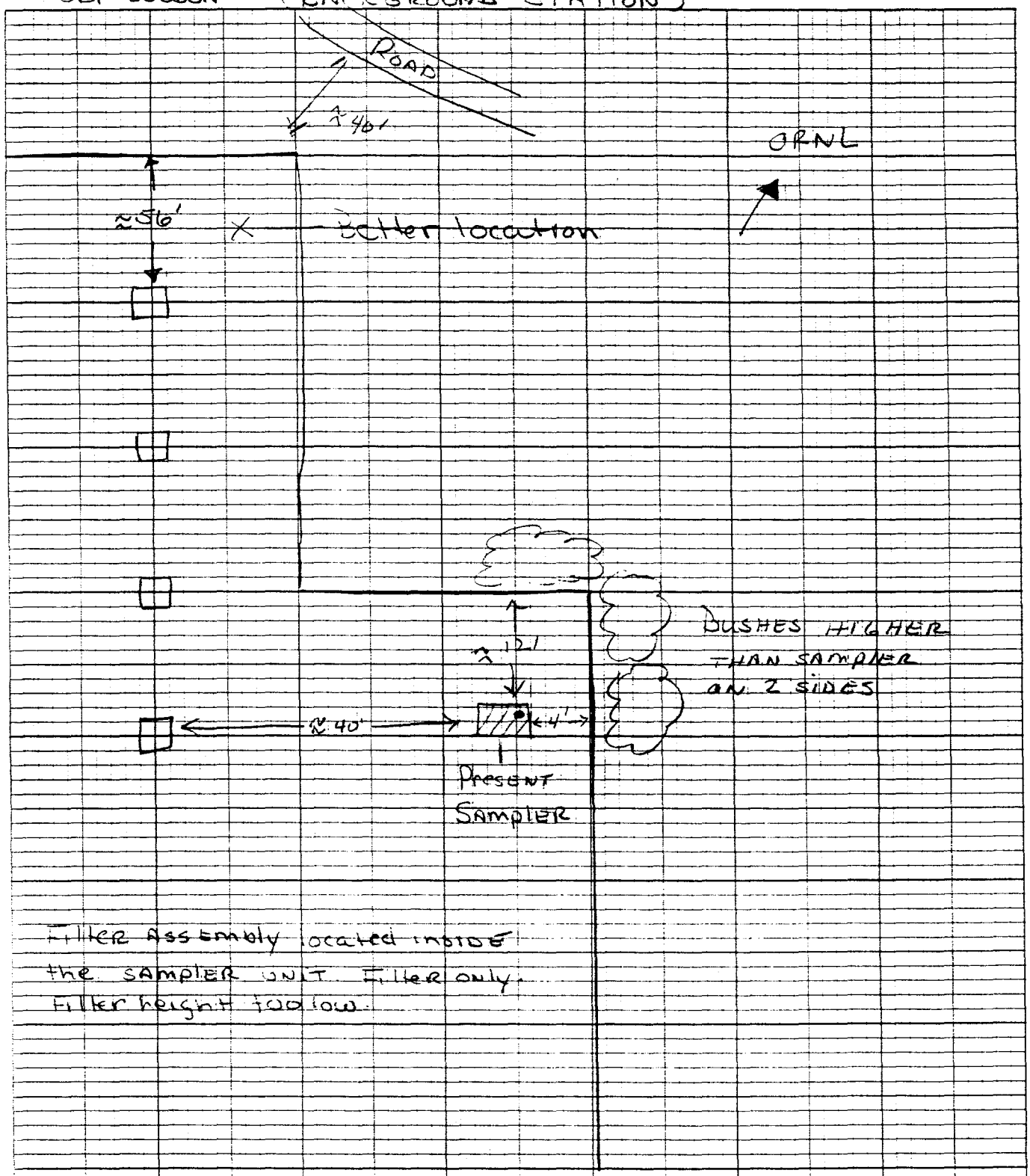


Fig. 2.1.17. ORR and ORNL perimeter monitoring locations.

RECORD COPY
#117
010999

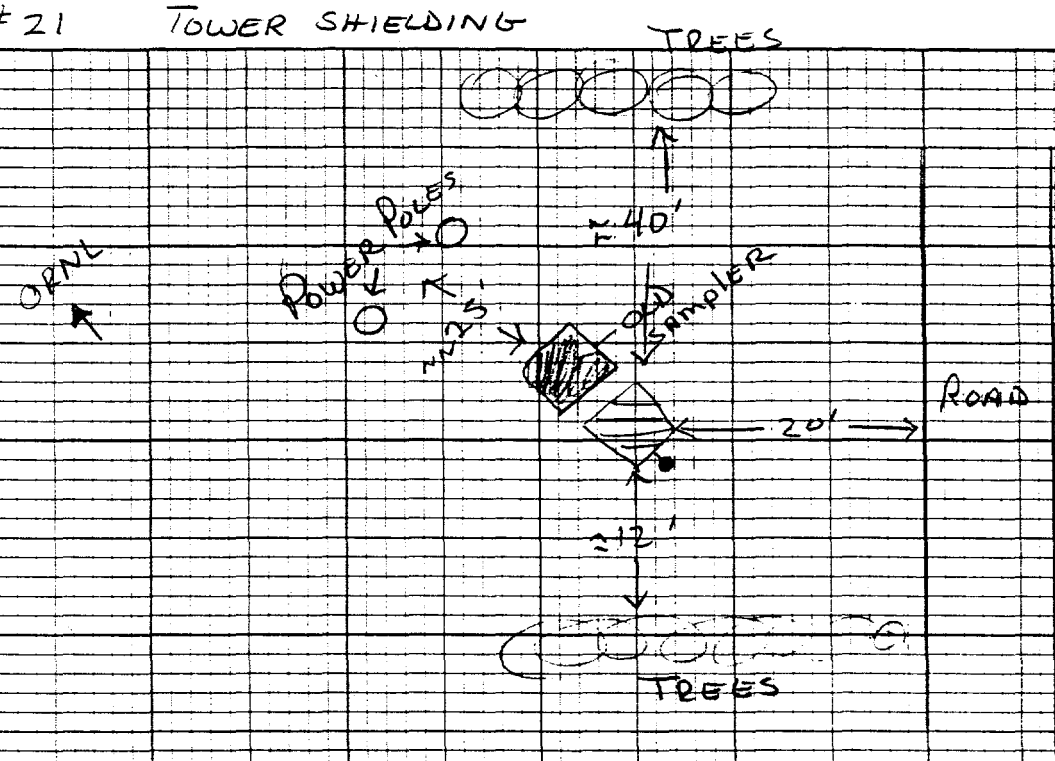
FORT LOUDON (BACKGROUND STATION)



Filter Assembly located inside the SAMPLER UNIT. Filter only. Filter height too low.

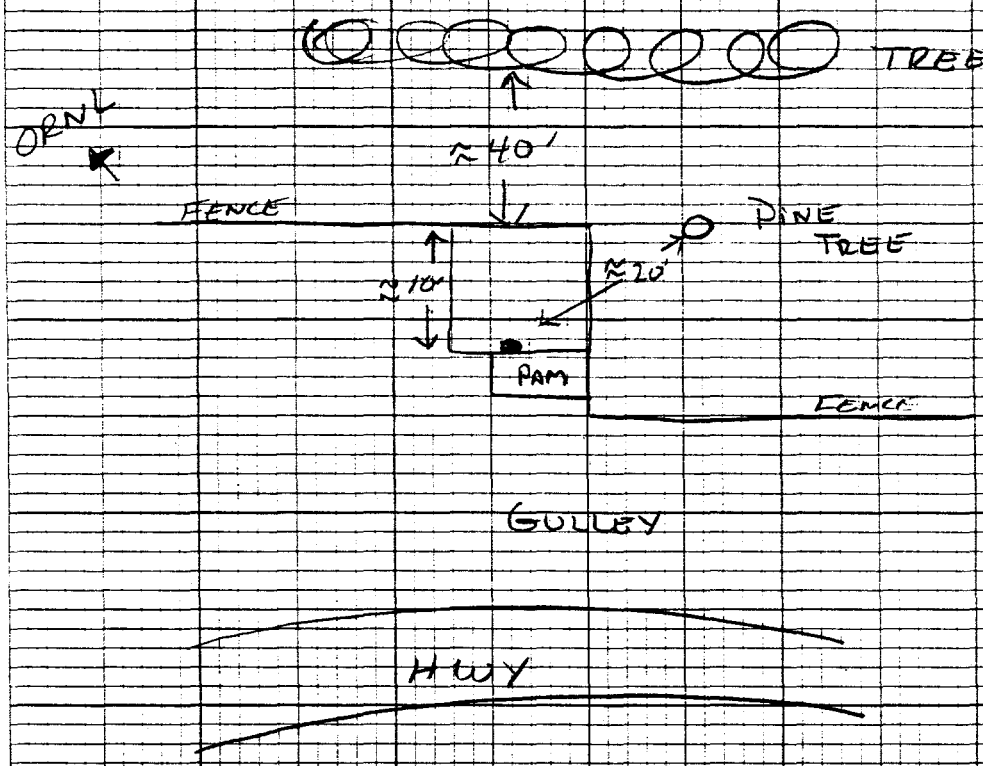
NOT DRAWN TO SCALE DIMENSIONS ARE APPROXIMATE

#21 TOWER SHIELDING



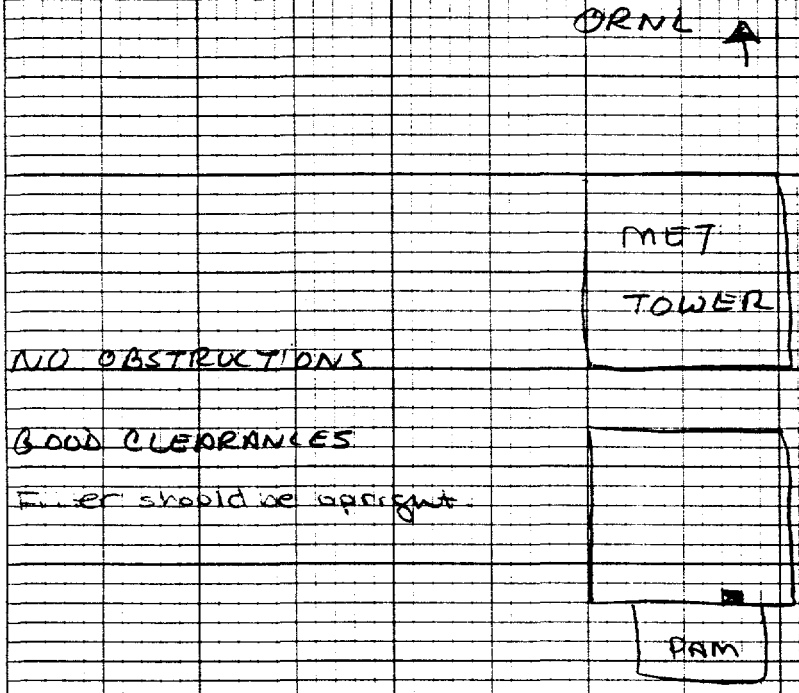
OLD STATION SHOULD BE REMOVED.
FILTER SHOULD BE LOCATED ON OPPOSITE SIDE OF BOX IN AN UPRIGHT ORIENTATION AT THE 2M HEIGHT.

#34 WHITE OAK DAM



Pine tree needs to be removed.
Filter should be in an upright orientation.

#3 X-10 MET TOWER

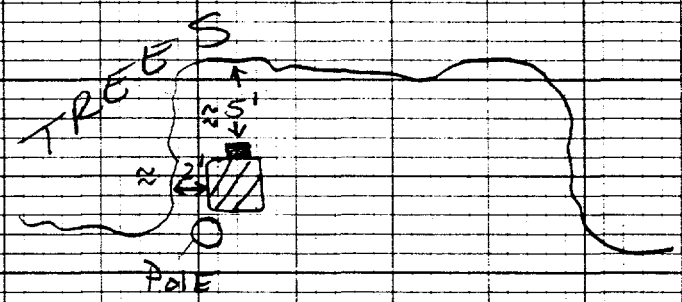


NO OBSTRUCTIONS

GOOD CLEARANCES

Filter should be upright.

#9 ACROSS the ROAD FROM X-10

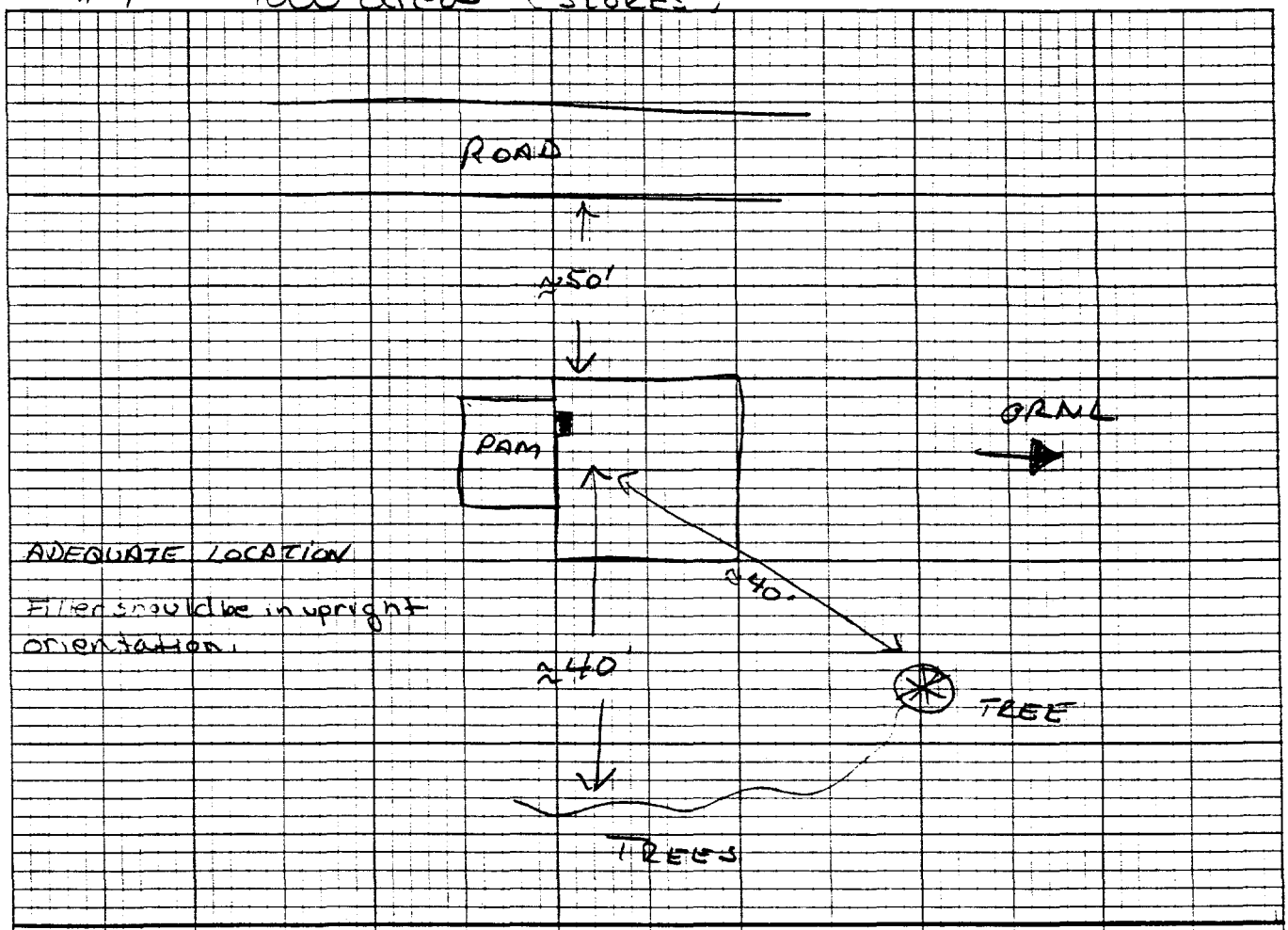


OLD STATION
VERY POOR CLEARANCE AND CONFIGURATION.
FILTER MOUNTED TOO CLOSE TO THE GROUND

FILTER SHOULD BE ON OPPOSITE SIDE OF SAMPLER, HIGHER OFF THE GROUND AND IN AN UPRIGHT POSITION.
TREES SHOULD BE CLEARED TO THE LEFT OF THE SAMPLER AT LEAST FOR 10 METERS

ORNL

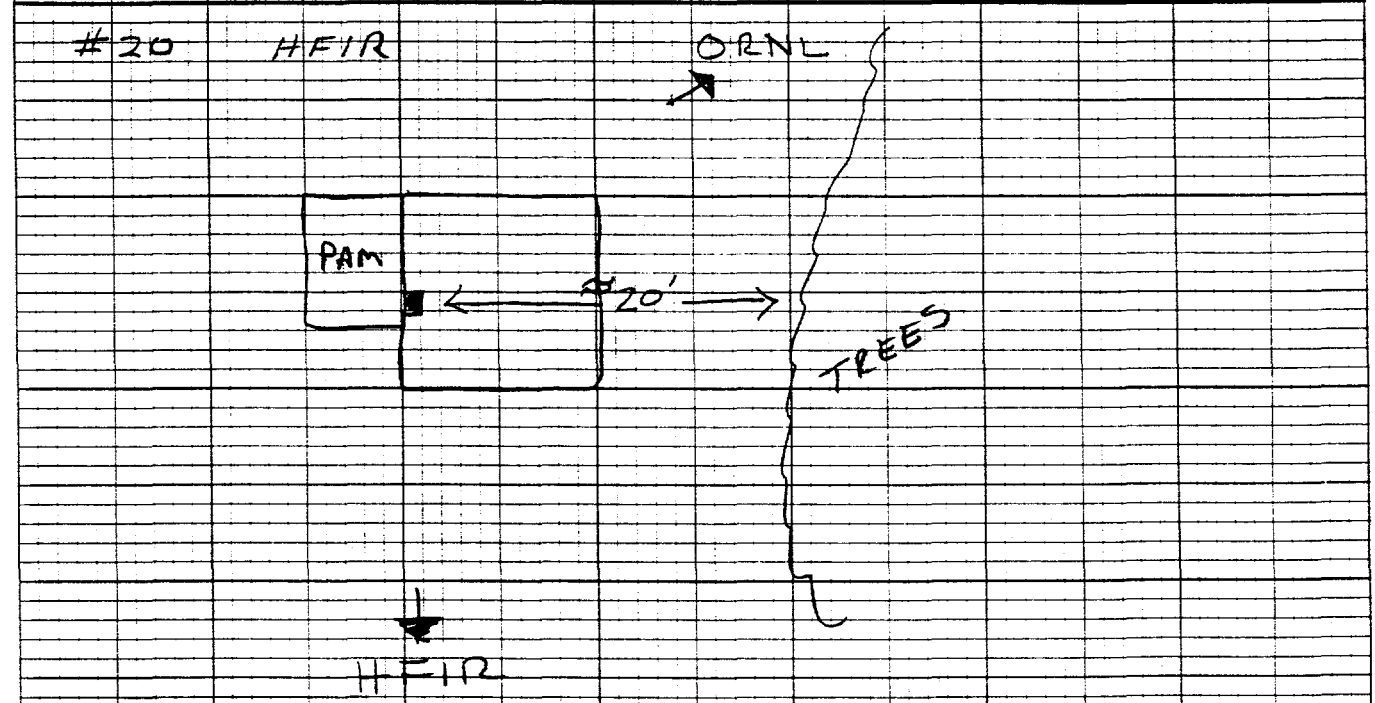
#7 7000 area (STORES)



ADEQUATE LOCATION

Filter should be in upright orientation.

#20 HFIR

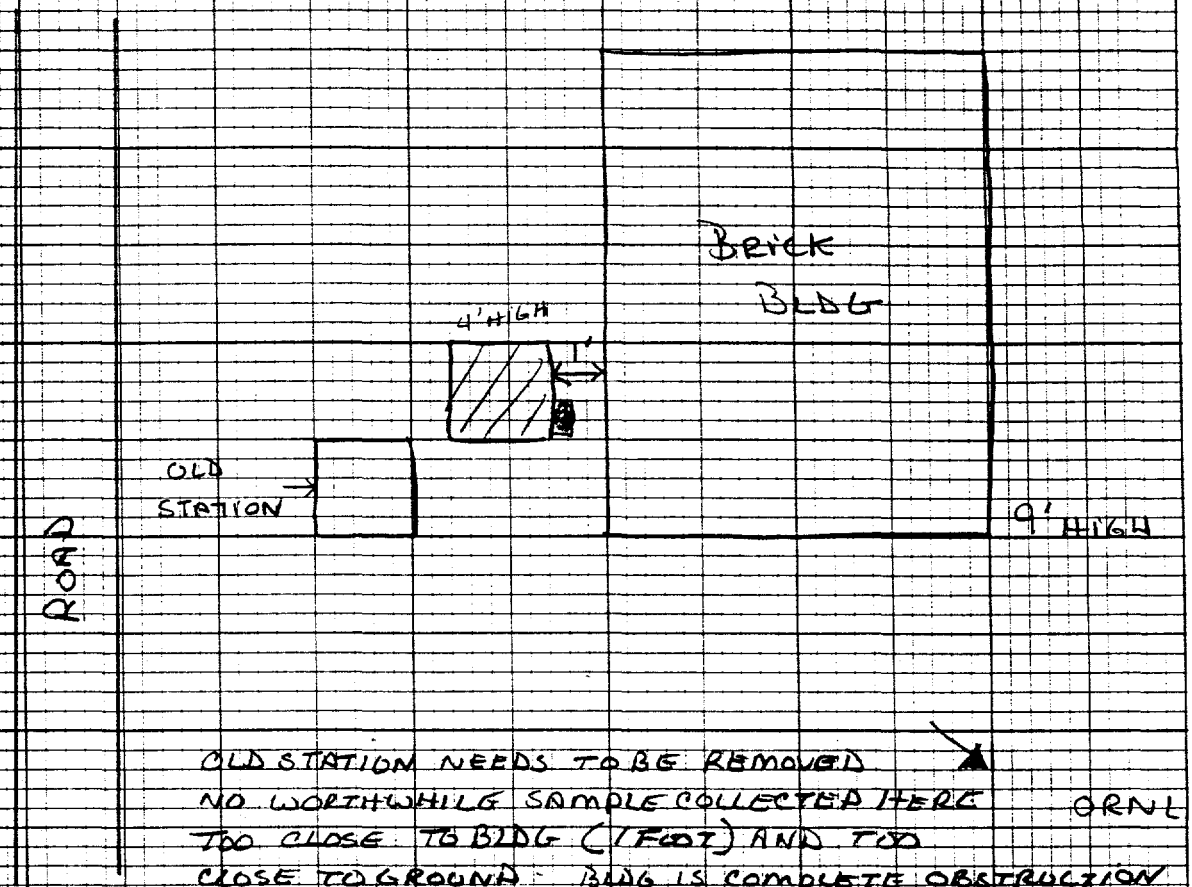


ADEQUATE

TREE LINE SHOULD BE CUT BACK.

Filter should be upright

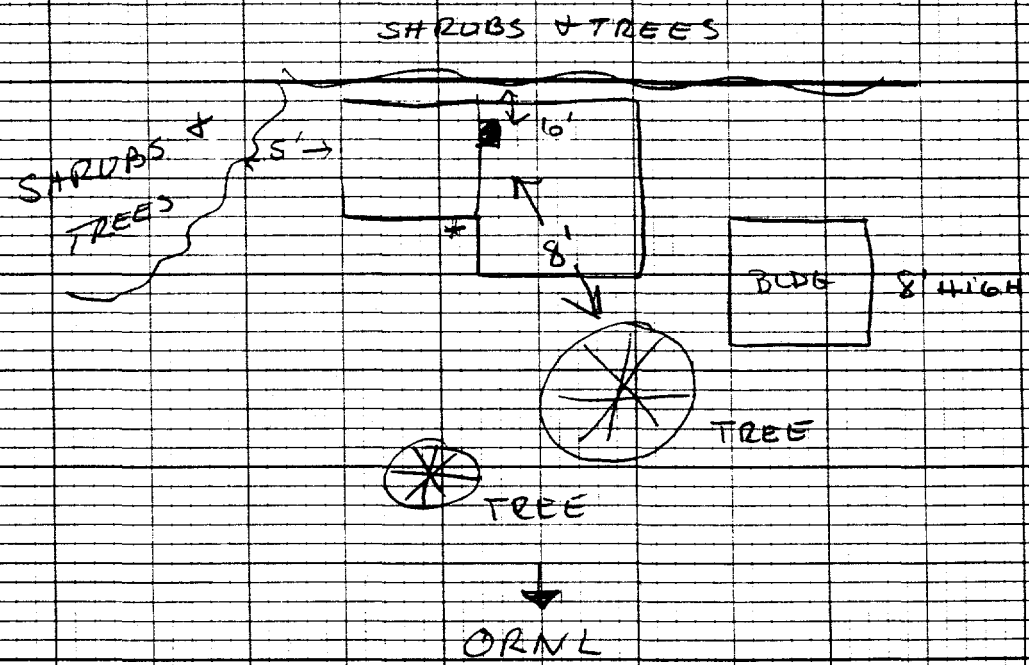
#22 DOSAR



OLD STATION NEEDS TO BE REMOVED
NO WORTHWHILE SAMPLE COLLECTED HERE
TOO CLOSE TO BLDG (1 FOOT) AND TOO
CLOSE TO GROUND. BLDG IS COMPLETE OBSTRUCTION
TO SAMPLE COLLECTION.

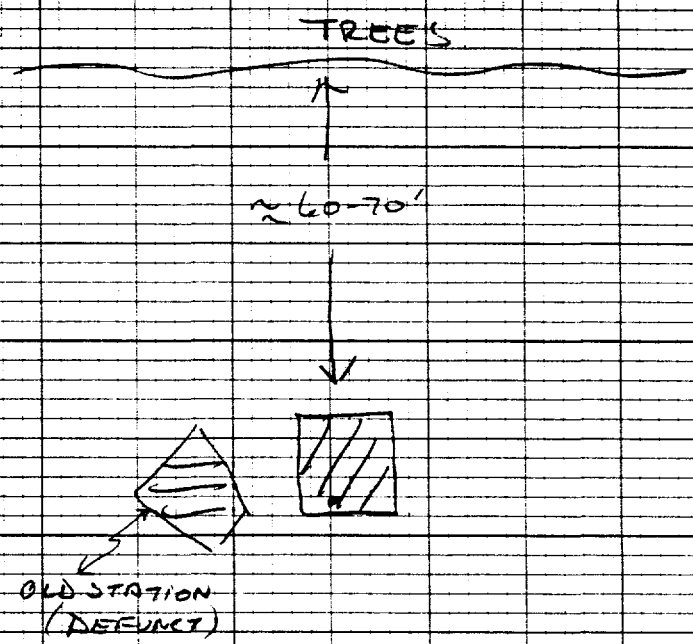
ORNL

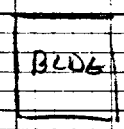
#44 EGC&R



SAMPLER LOCATED ON WRONG SIDE OF BLDG. SHOULD BE
WHERE (*) IS. TWO TREES NEED TO BE CUT.
FILTER SHOULD BE UPRIGHT.

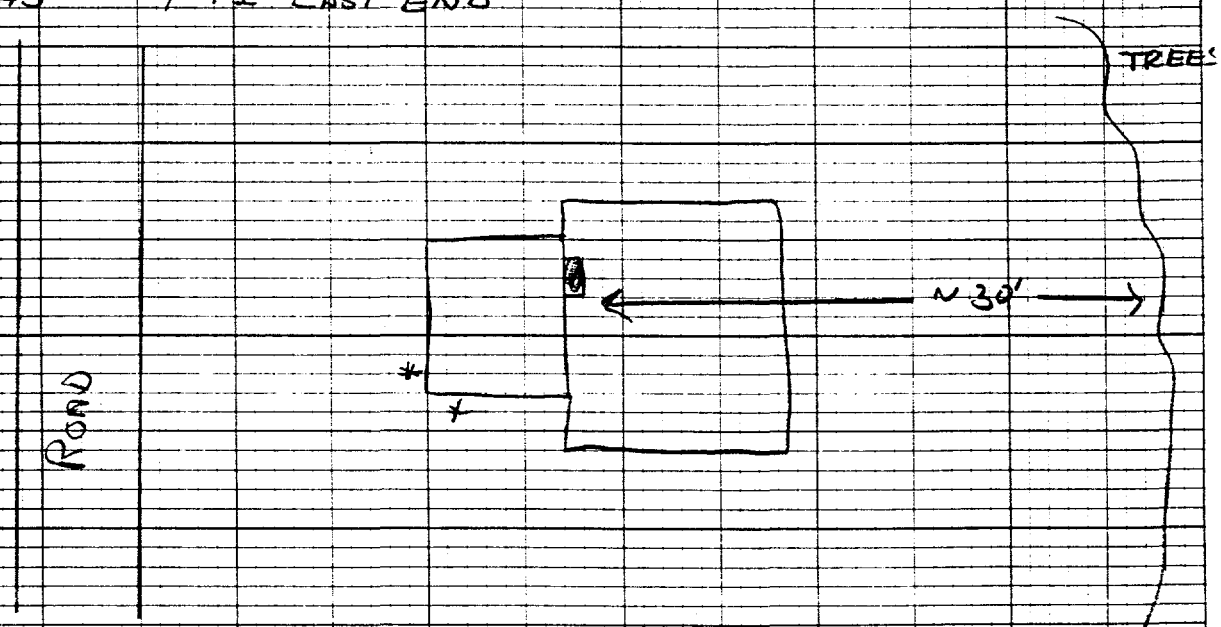
#23 WALKER BRANCH





TOO LOW TO THE GROUND
OLD STATION SHOULD BE REMOVED

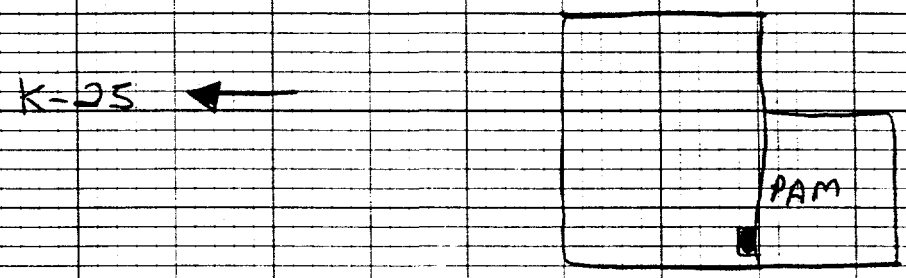
#45 Y-12 EAST END



Y-12

SAMPLE HEAD SHOULD BE LOCATED
IN LINE WITH Y-12 (AT EITHER (*))
FILTER SHOULD BE UPRIGHT

#43 K-25 COOLING TOWER / PERIMETER RD

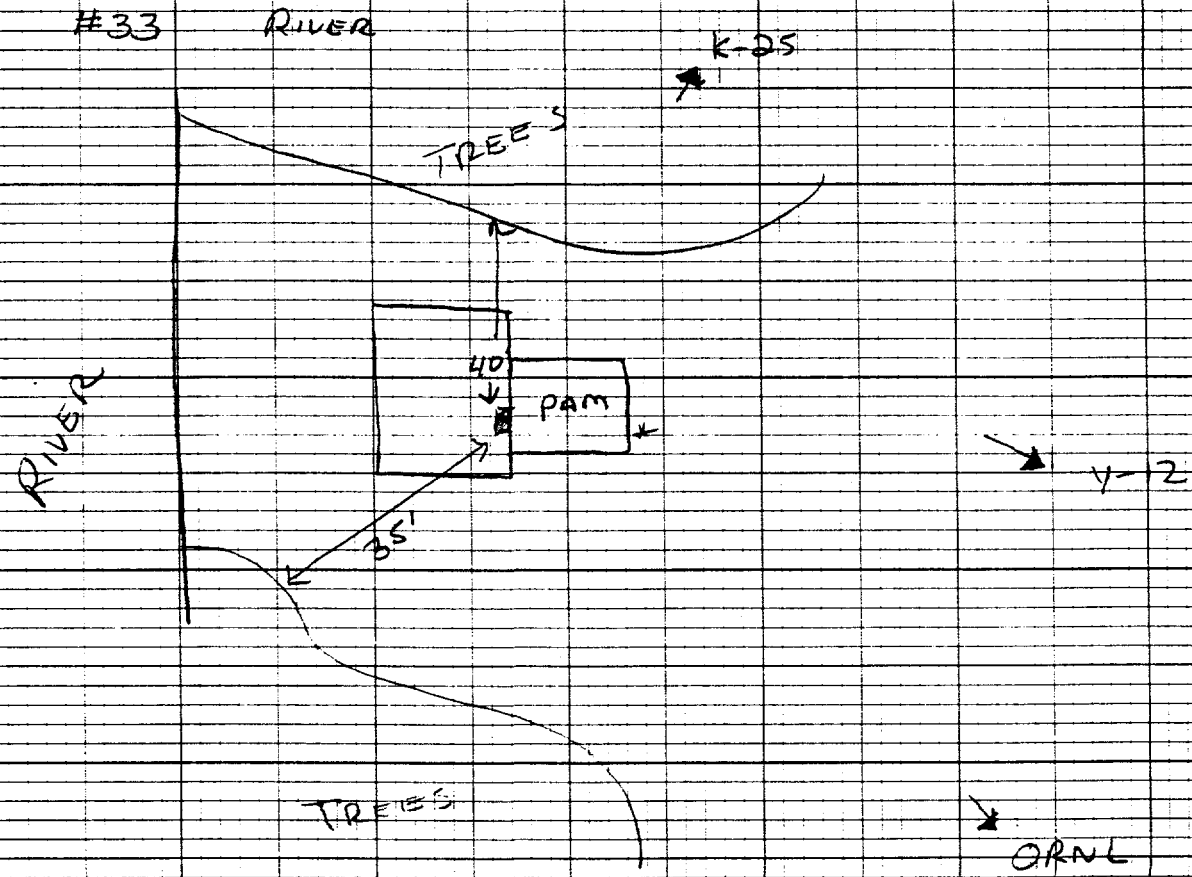


LOCATED ON A CLEARED HILLSIDE

GOOD LOCATION

FILTER SHOULD BE UPRIGHT

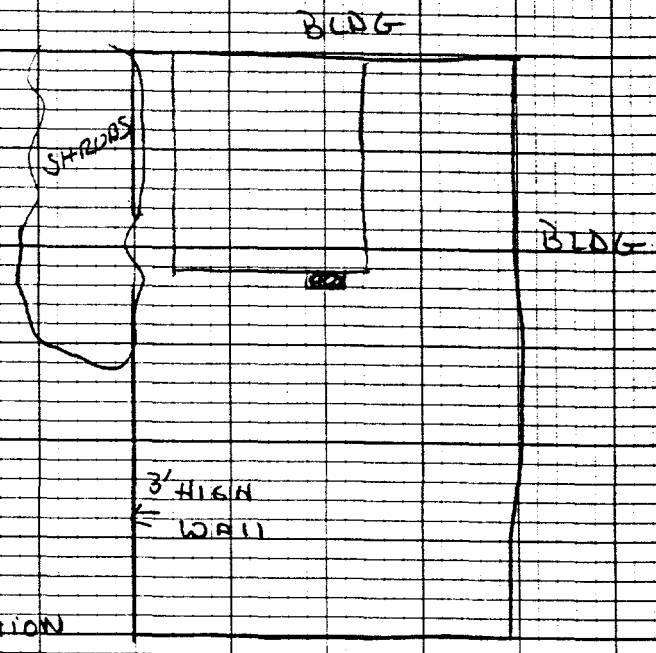
#33 RIVER



SAMPLER SHOULD BE LOCATED ON OPPOSITE SIDE OF BLDG SHOULD BE @ *. FILTER SHOULD BE UPRIGHT

#41 DOE MUSEUM

LOCATED ON 2ND FLOOR PATIO

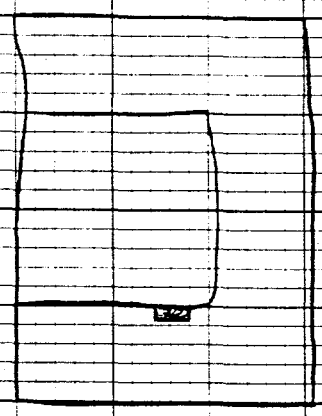


VERY POOR SAMPLE LOCATION

BLDG IS AN OBSTRUCTION, TREE IS AN OBSTRUCTION.

NO IDEAS YET!

#46 Scarborough AREA

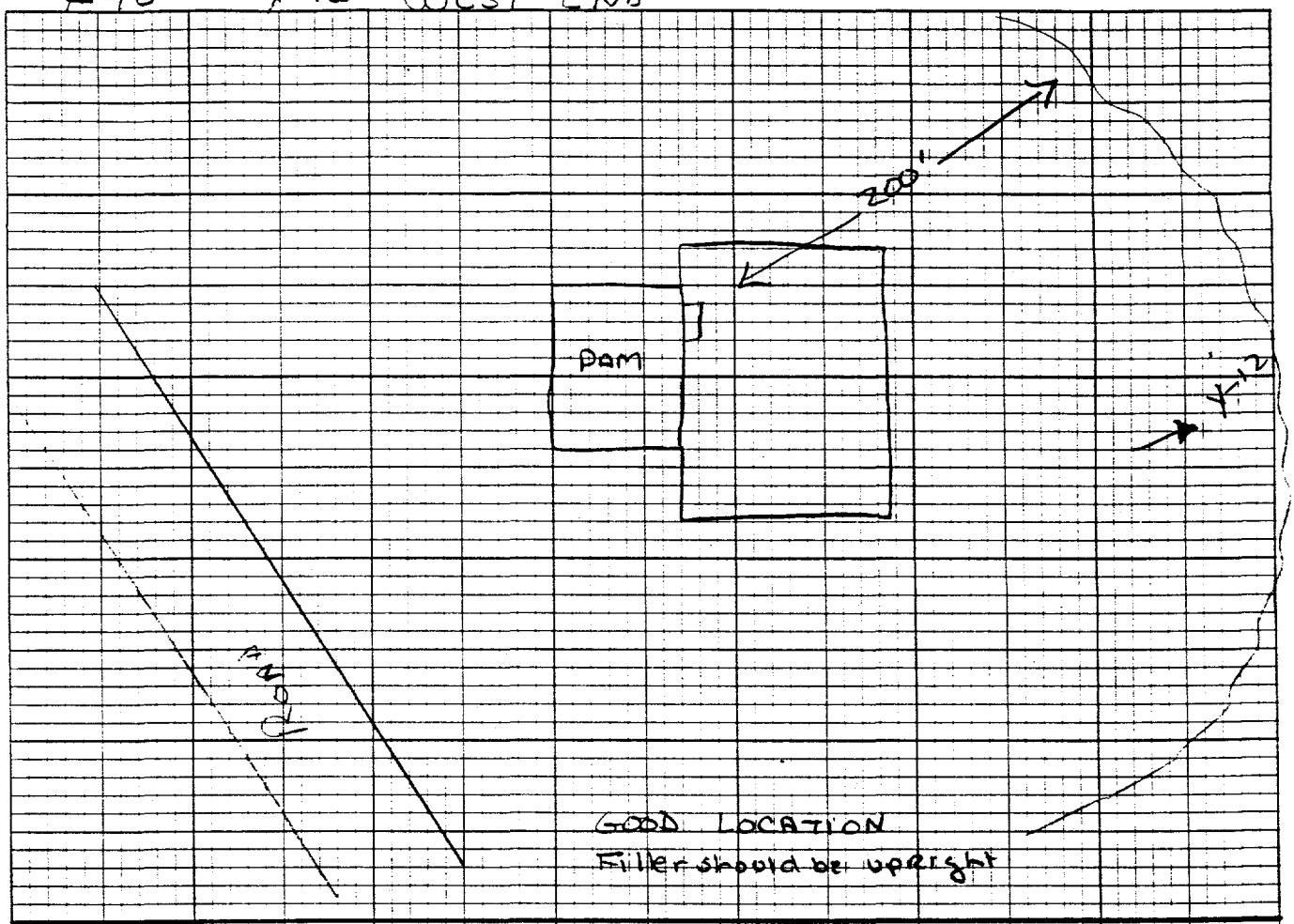


GOOD AREA CLEARANCE.

SAMPLER LOCATED IN A COMPLETELY FENCED IN ENCLOSURE WITH WOOD SLATS. DO NOT BELIEVE IT WOULD PASS EPA. RESTRAINT DUE TO RESIDENTS IN AREA.
(WOOD SLATS)

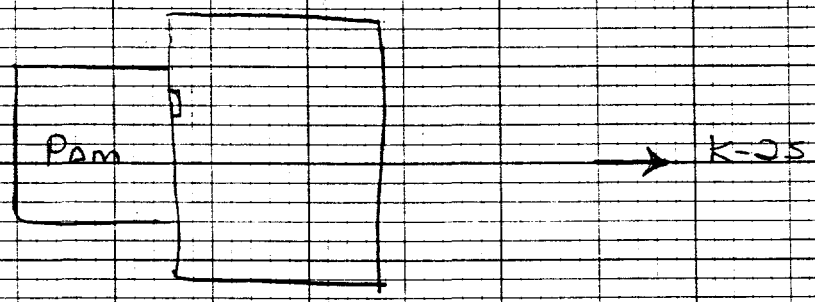
Filter should be upright.

#40 Y-12 WEST END



GOOD LOCATION
Filter should be upright

#42 K-25 BLAIR ROAD



GOOD LOCATION

NO OBSTRUCTIONS

Filter should be upright.

SQUARE 10 X 10 TO THE INCH AS-0807-GD