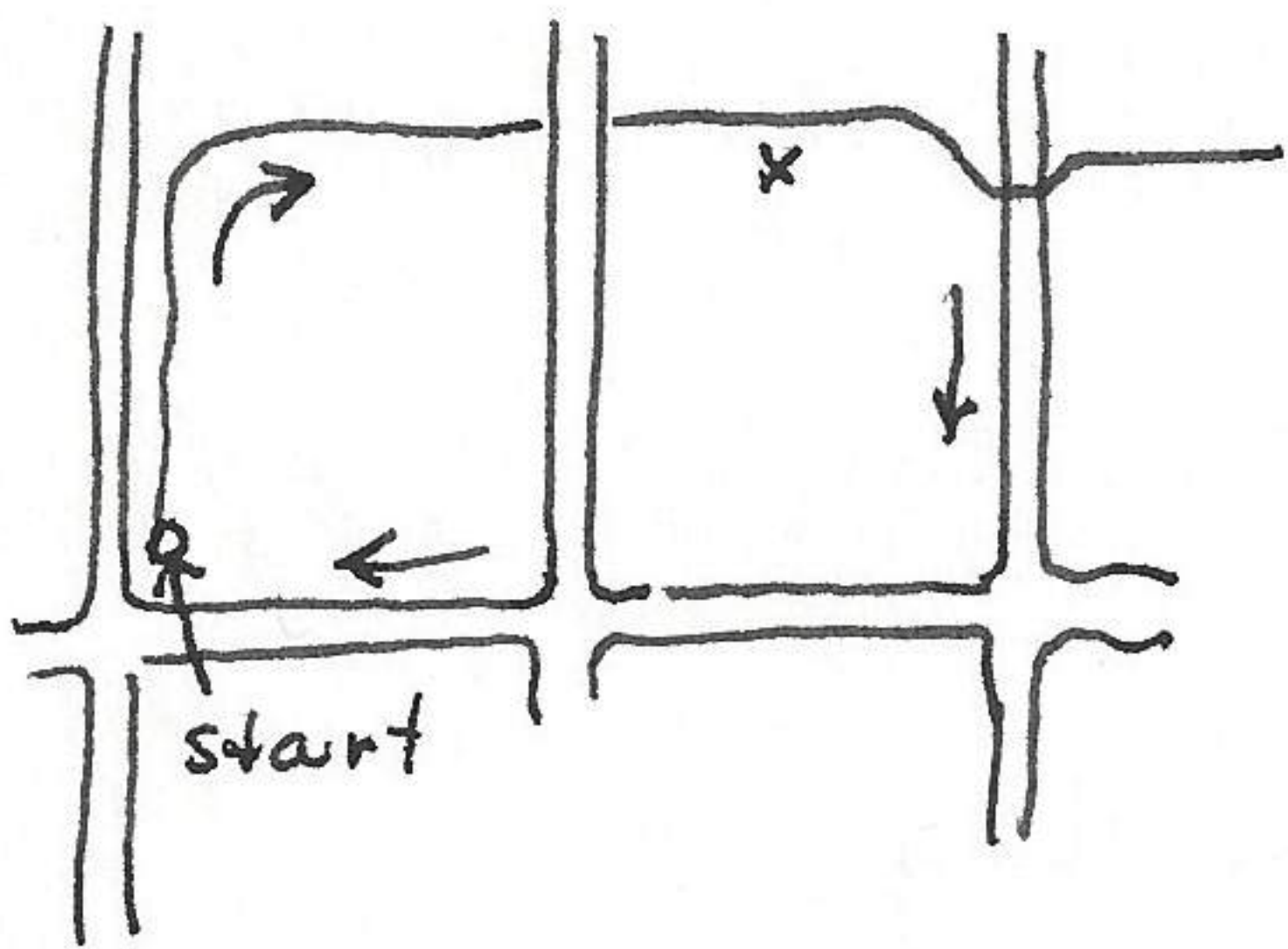


Naskell Bottoms, S of Lawrence, Kansas

February 1, 1959

Annett C., Mary P and I made circuit of dikes from SW corner. Snow covered ground and all runways of Sigmodon were covered except where the animal had surfaced or where a small section of the runway was exposed on the south and west facing slopes. The animals ran from the lowlands to the nest holes on the upper slope of the dike. Some were scurrying on surface of snow but generally in some direction as trails under the snow. From area marked X (see notes of Dec 25, 1958)



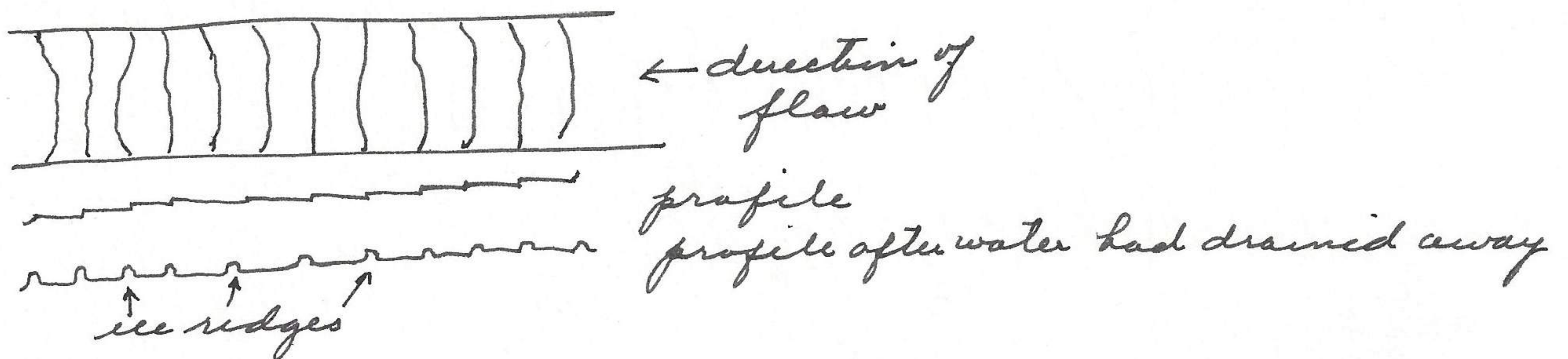
we saw 7 Sigmodon from under door and 3 in general area of the 42 x 15 feet of previous census (Dec. 25, 1958). Since Dec 25, 1958 the population had decreased from 40 to 10 Sigmodon. The intrals and disgorged body of two Sigmodon were within the above

area. It is evident that the dike are places of refuge in periods of excessive water and cold winters.


Umo. Kansas, Lawrence, Kansas

February 3, 1959

On this date noted the following conditions of ice debris on sidewalks and roads.



The above condition after rain and freeze when ice particles formed on water and with downslope movement (gentle to abrupt) formed ice ridges like those in northern Alaska. Other formations were:

 ← direction of wind.
The snow ripples formed in opposite way to water produced sand ripples. Snow wet.