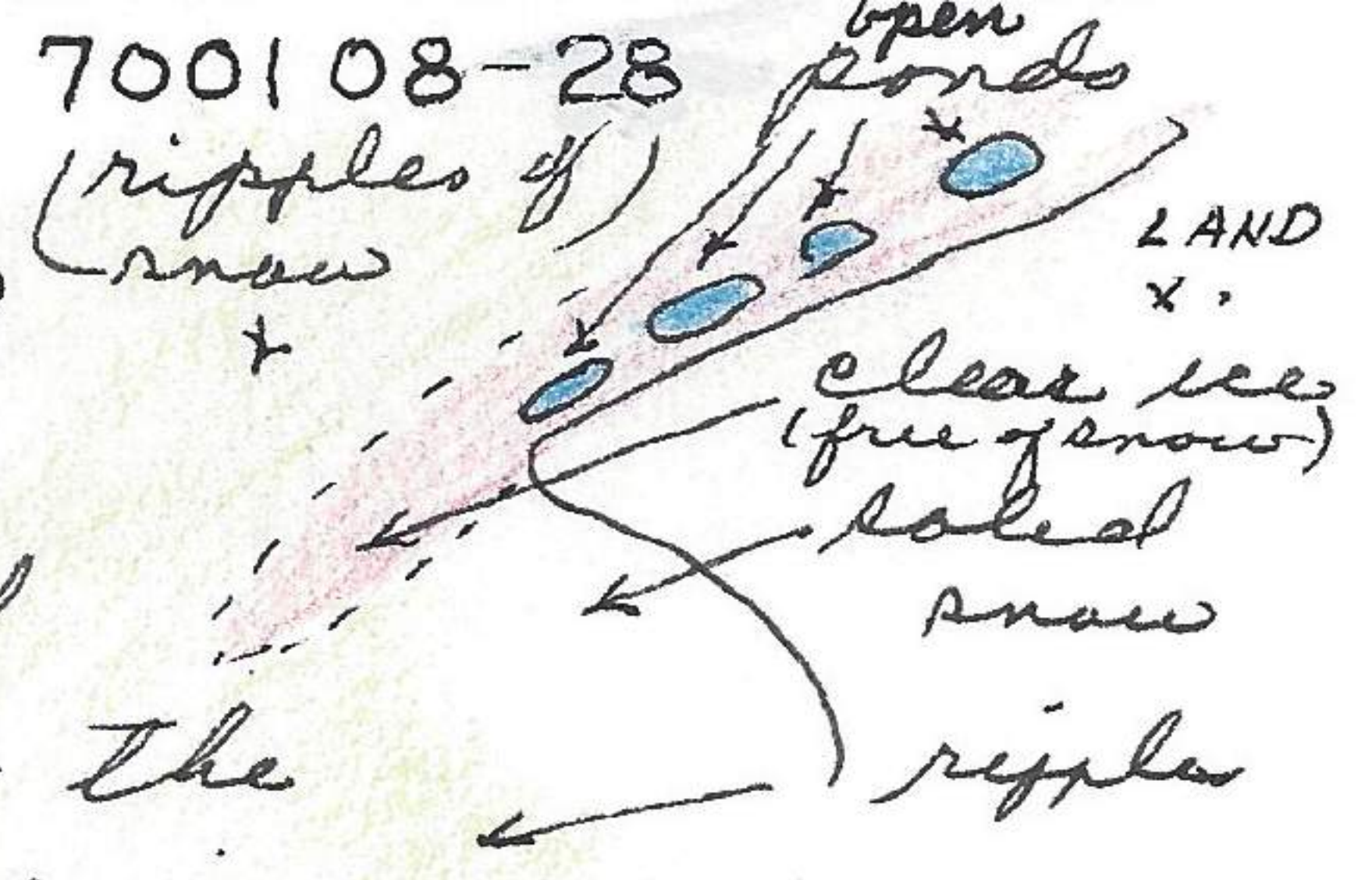
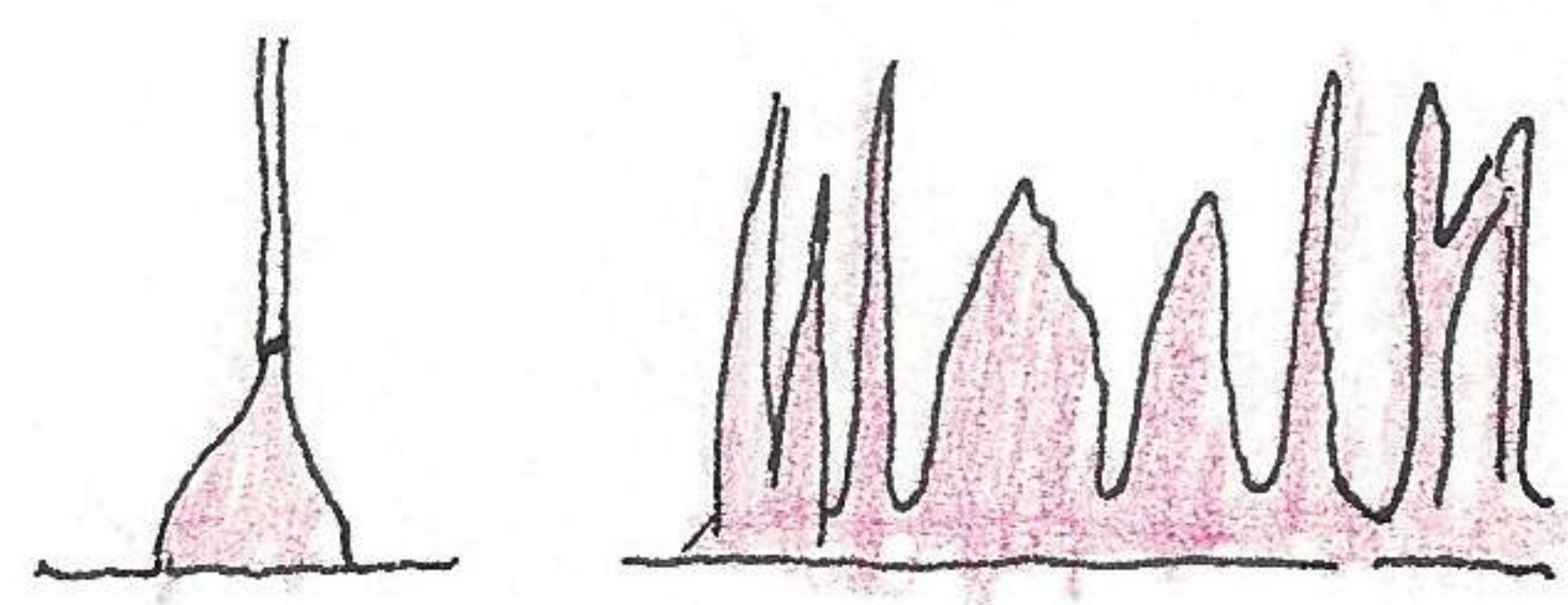


1770-28



point are 4 small open bodies of water, averaging 10x5' in approx. 120 feet of shoreline. These open ponds are separated from shore by 2 feet or so and one can see the bottom. These ponds were indeed a surprise because all other lake shore contacts are solidly sealed with thick ice and snow. At this point there is a maximum velocity of wind and in pond areas and beyond the point to the SW the ice, <sup>(same as regular lake ice)</sup> is free of snow and ripple formation. It would appear that these open bodies of water have been maintained by <sup>strong</sup> winds. Could the <sup>2</sup> open bodies of water used by ducks and mergansers to the S, ~~be~~ also be maintained by winds? The ducks <sup>and mergansers</sup> were unquestionably responsible for creating these 2 main open bodies of water at the time of the original freeze but certainly their <sup>few</sup> present number could not be responsible for the continued open condition in face of sub-freezing temperatures. These winds at point are almost unbearable for the small dog (Karl). Returned to Gap Point by following shoreline on ice and will check on activity associated with shoreline. 11:35 Coyote tracks and urination at edge of lake on ice. This is at drainage with open field just to N. 11:45 increase height of ice on shore created by splash of water at time lake was unfrozen. <sup>space</sup> Trees on lake have elephant feet for bases. Bank either lined and surfaced with solid ice or in beautiful stalagmite formations. These increase in height, now 4', as one moves toward Gap Point. It is



Certainly an effective way of completely sealing the shoreline walls. Drifting snow also increasing (up to 1 foot at boat ramp area). 11:55 Boat ramp and car. Except for the coyote tracks, there was not one instance of birds or mammals utilizing the snow covered ice at the shoreline contact (new snow early this A.M.). Temp 7° F and rapidly decreasing. Recorder revolving slow because of low temp. Wind keeps boat ramp divide clear of snow. At 12:20 noted that the mallards had left open water W of Gap Point but merganser still present. One glaucous gull arrived from S and flew full length of open water, sometimes moving backwards because of wind. It alighted <sup>on ice</sup> near mergansers. Left Gap Point 12:45 at mileage 34.2. at orchards were 5 cardinals and 8 song sparrows. 34.5 top