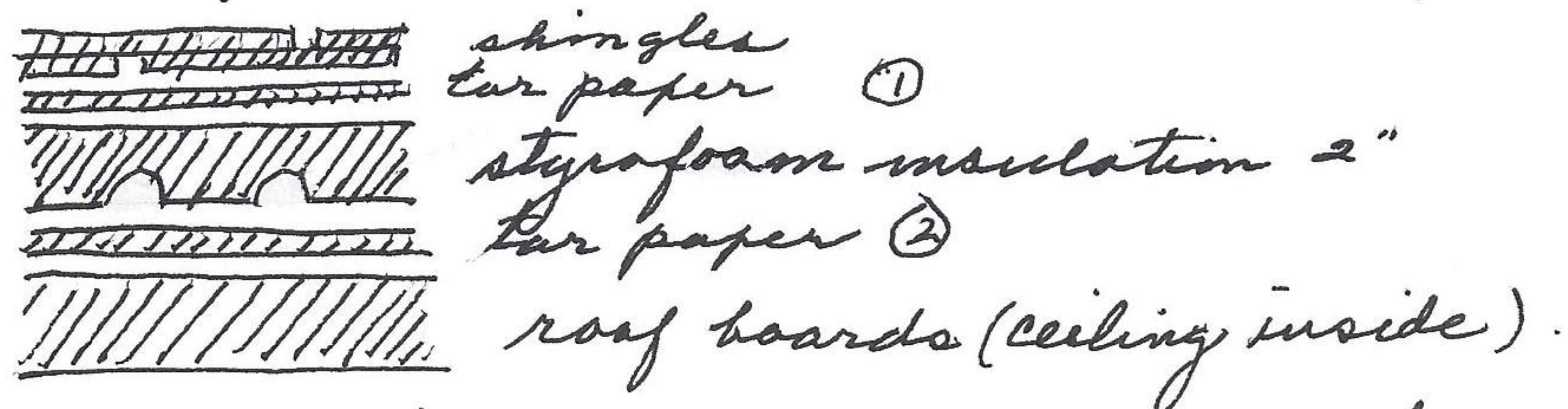
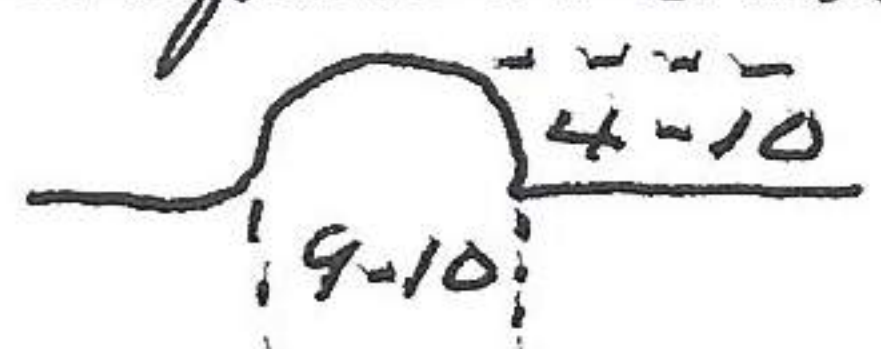


Sept. 24, 1989

Removed cedar shingles from Bee House and observed activity of large black ants: Profile of roof:



main ant nests between roof boards and styrofoam. The largest nest at NW corner of roof under shade of Douglas fir tree and consisted of approx 1000 workers & 10 winged ants (Carpenter ants?). Extensive trail system radiated in all directions. yellow-jackets robbed the eggs and larvae being carried by ants to new places on the roof. paper wasps had mud chambers full of living paralyzed spiders which (the spiders) were all the same species. Corridors of ants had fir needles, fragments of styrofoam and other debris. After ants left area, the wasps also left area. One termite observed but not associated with ants. The corridors of the Carpenter ants measured on the average of 4-10 mm deep  and 9-10 wide in styrofoam.

Recorded pattern of corridors of 5 of the 9 sheet (4x8 feet) of styrofoam from the main nest NW corner of roof:

