diffusion, and stress types, composed of particular materials. The effects of cutane on profile development and plant growth may be considerable and their characteristics may dominate the characteristics of the soil material."

**SAYINGS OF HORIZON HORACE**

I had some time to kill the other day in a big city, and began to notice that the landscape was worse than in a desert. Not a cactus to be seen in the anthropic canyons and arroyos. Yet this city was situated in a humid climate, which, along with vegetation could one day rot away the concrete and raise up a forest again, if man ceased to interfere. "Those buried soils may rise again", I thought.

Then I took out pencil and pad and sketched up a family unit for the typical U.S.A. family, to make us a more healthy, productive nation. First, every family would have no less than an acre of land. This would keep a bit of the country in the city, and make sure that urbanization of the countryside did not turn it into an utter desert. The houses would be concrete and steel to boost the building industry, but chiefly to enable the houses to carry on their flat roofs a slab of soil profile 3 feet deep. This is not only good insulation but also a source of food. Imagine the vegetable garden on the house top, a fountain at one side, flower beds over the garage, and a patch of lawn. Runoff is through a short grassed waterway and drop inlet leading down a pipe through the center of the house to a cistern. Under this plan, every family unit must produce something from the soil on that acre, including the house top: vegetables, flowers, hay, wood, and beauty of lawns and trees. A goat or a few chickens or rabbits would be part of the scheme. All natural resources of the acre would be put to use: wind by means of a windmill, sunshine and soil by crop production, rain by storage in cistern to be used for irrigation and laundry. Any organic matter and soil washed into the cistern is put back on the soil.

Under this soil scheme there would be a noticeable improvement in health of the nation, and a drop in juvenile delinquency and crime, in general. The whole family would be kept busy and would understand conservation of natural and human resources by practicing it.

-Horizon Horace

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Dear Editors of SOIL SURVEY HORIZONS: Deadline, Nov.1

Sure, I am sending you herewith some material to be used in SOIL SURVEY HORIZONS ----

☐ News (about people and activities) ☐ Book review.

☐ Discussion of work in progress ☐ Joke, Cartoon.

☐ Highlights of work just completed ☐ Suggestions.

Name............................Address..............................

Typing, with black ribbon, in columns 2.75 wide is best copy.