

SUMMARY

Of 216 low-income houses built at the Mt. Hope Housing Project between 1970-1972, some 150 are suffering from cracking, seepage, and unstable slopes. An investigation of the causes of the problems was carried out, and solutions proposed.

The main causes inferred from the investigations are:

- A. Poor compaction of fill material, leading to differential settlement of structures.
- B. The use of a standard house design suited more to level than hilly terrain, with special reference to foundations.
- C. An inadequate drainage system.
- D. Unstable slopes aggravated by A. and C.

Solutions proposed include reconstruction of the drainage system, multiple retaining walls, and work on the house foundations, such as bored piles, new footings, and pressure grouting to restore floors. Some cost estimates are also included.