PLAINTIFF'S EXHIBIT

CT-351

A/C & PVC SEWER PIPE FLOW CALCULATOR

In September 1975, the attached bulletin concerning the CertainTeed Sewer Pipe Flow Calculator was sent to all field personnel. Due to cost and an adequate place to carry the calculator in this binder, we have chosen not to include the calculator itself.

This calculator is still available upon request to the Advertising Department.

CertainTeed

Technical Bulletin

September 30, 1975

TO: VF P&PG MARKETING & SALES PERSONNEL
ALL DISTRICT MANAGERS
ALL TERRITORY MANAGERS
ALL ADMINISTRATIVE ASSISTANTS
ALL A-C & PVC PRODUCT MANAGERS
ALL FIELD SERVICE MANAGERS
ALL SALES ENGINEERS

FM: T. A. SWITALSKI T. A. Switalski

RE: A-C AND PVC SEWER PIPE FLOW CALCULATOR

Attached is our new revised Sewer Pipe Flow Calculator for use with both A-C and PVC Gravity Sewer Pipe (ASTM D 3034 SDR 35). Also enclosed is a revised instruction booklet to explain how the calculator can be used.

The flow calculator is based on the Manning Formula with a Manning Factor of n = .009 for PVC and n = .010 for A-C. Also the pipe diameters are plotted as actual internal diameters, but indicated as nominal diameters, thereby giving an exact answer for any flow calculations involving our A-C or PVC Sewer Pipe.

Note that 15" PVC Sewer Pipe (D 3034 SDR 35) is also included on the calculator even though we don't presently manufacture it. The reason is that we are planning for the future.

To distinguish this calculator from the previous one, we have inserted ASTM D 3034 (SDR 35) in bold letters on the PVC side. Don't discard your old D 3033 calculators (if you have any) since you may still get requests for them.

If further supplies are needed, contact the Advertising Department.

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