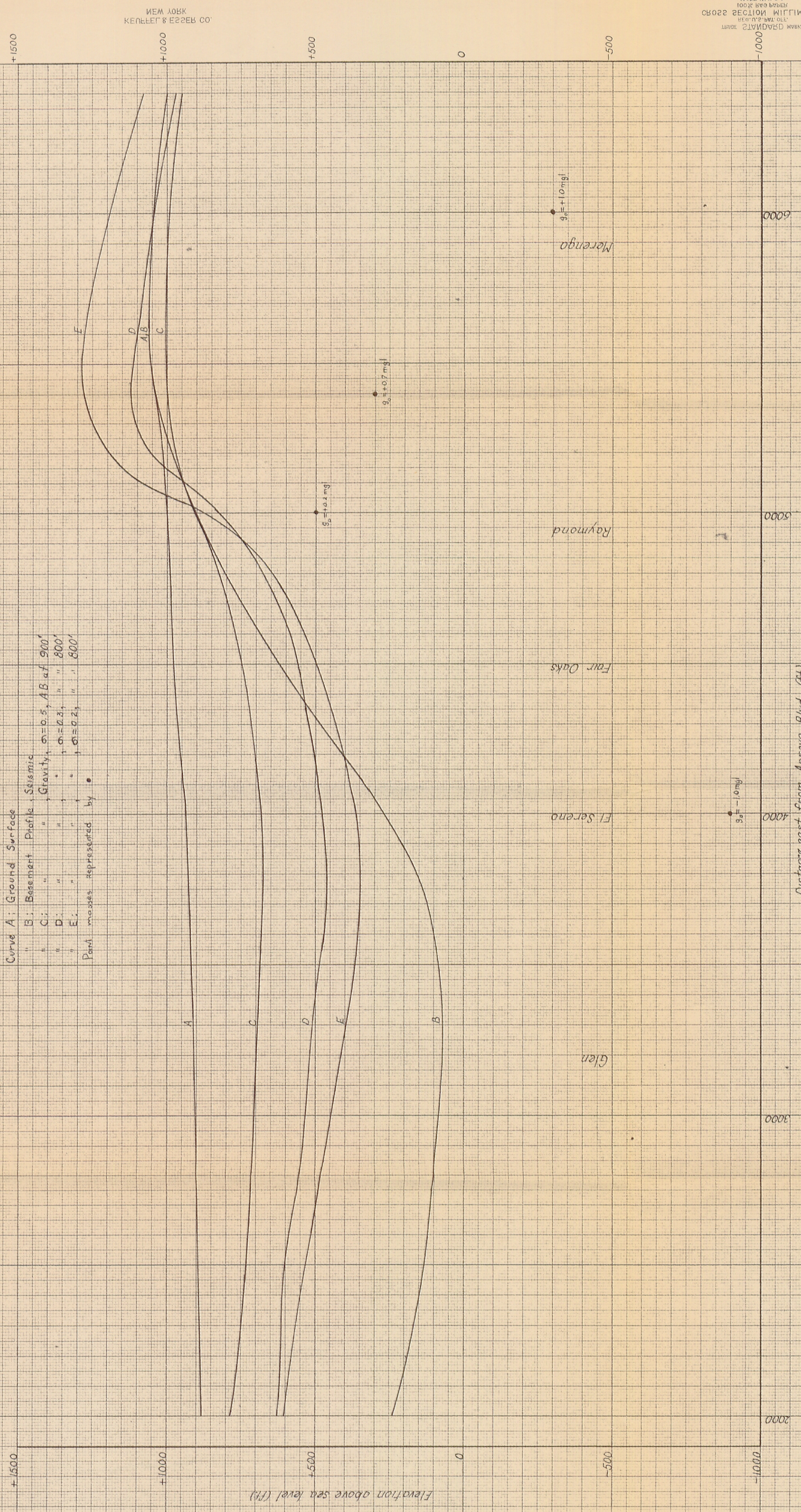


Geldart - 1p - 1949

COMPARISON OF VARIOUS CALCULATED BASEMENT PROFILES

Curve A: Ground Surface
 " B: Basement Profile, Seismic
 " C: " " Gravity, $\sigma = 0.5$, AB at 900'
 " D: " " " $\sigma = 0.2$, " " 800'
 " E: " " " $\sigma = 0.2$, " " 800'

Point masses represented by •



Distance east from Arroyo Blvd. (ft)

Merenggo
 $g_s = +10 \text{ mg/g}$

Raymond

Four Oaks

El Sereno

Glen

$g_s = -10 \text{ mg/g}$

$g_s = +0.4 \text{ mg/g}$

$g_s = +0.7 \text{ mg/g}$

+1500

+1000

+500

0

-500

-1000

+1500

+1000

+500

0

-500

-1000

2000

3000

4000

5000

6000

7000

NEW YORK
 KENNEDY & ESSER CO.

MADE IN U.S.A.
 100% RECYCLED PAPER
 CROSS SECTION MILLIMETER
 REPRODUCE OFF
 TRADE MARK