

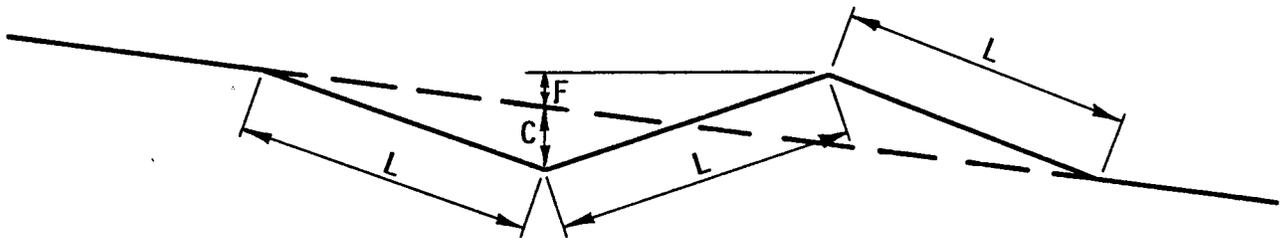
TABLES FOR TERRACE QUANTITIES

EXHIBIT NE 8-3.1

Programs have been developed to determine terrace cut and fill yardage and storage on the IBM Personnel Computer. The following terrace configurations and assumptions were made to develop the program.

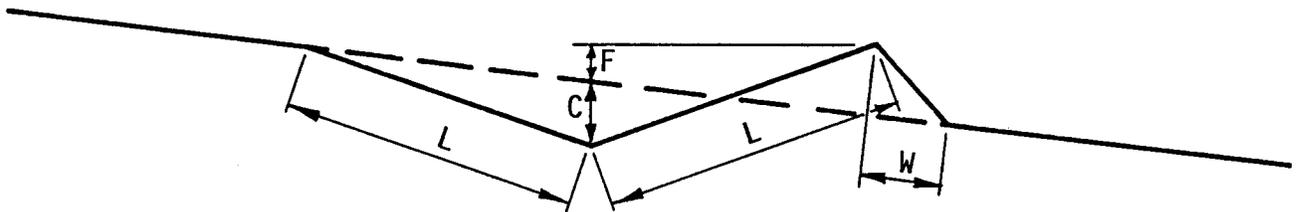
1. Broad Base Terraces

Assumption in the specific program



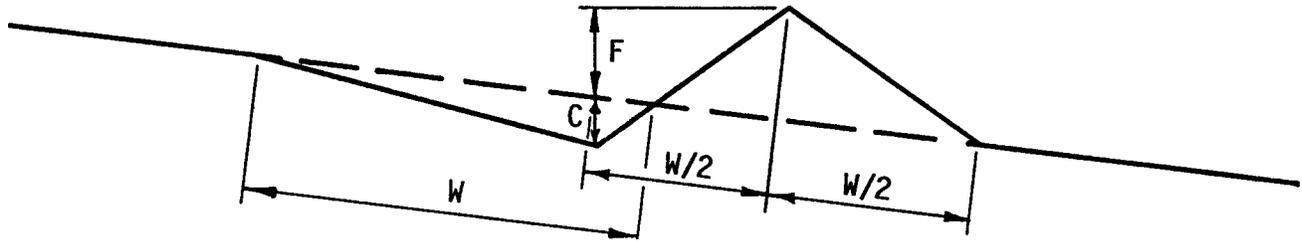
- The length of cut is equal to the slope length of the terrace.
- The cut and fill are the full height of the terrace (not settled or effective height)
- The top of the storage is figured to be .3 ft. lower than the total height.

2. Steep Back Slope Terraces



- The length of cut is equal to the front slope of the terrace.
- The cut and fill are the full height of the terrace (not the settled or the effective height).
- The top of the storage is figured to be .3 ft. lower than the total height.

3. Steep Front-Steep Back Slope Terraces (Narrow Base Terraces)



- a. The cut slope is the same width as the terrace base.
- b. The cut and the fill shown is for the total height of the terrace (not the settled or effective height).
- c. The top of the storage is figured to be .5 ft. below the top of the terrace.

Each area office is being furnished with:

Broad base terraces with slope lengths of 14, 16, 18, 20, 24, 28, 32, and 36 feet.

Steep back slope terrace with 15, 18, 20, 24, 30, and 36 feet front slope and a 10 and 12 foot wide back slope, and 20, 24, 30, and 36 feet front slope with a 14 foot wide back slope.

Narrow base terrace -- 12, 14, 16, 18, 20, 22, and 24 feet base width.

Since the entire set is large (1,881 pages), field offices are not expected to have complete sets. Order copies of what you need from your area office.

If you choose to file your tables in a separate notebook, please note the location of the tables below; i.e.: In what book are the tables filed.

Location of Tables _____