PACING

INTRODUCTION

When only an approximate distance is necessary, pacing can be used to determine it. A person can determine the length of his or her pace by walking a given distance several times. No tools or instruments are necessary. On level ground, experienced pacers can measure distances of 100 ft. or more to a precision of 1:50 to 1:100 (Wolf and Brinker, 1994, p. 60)

When pacing, strive to walk naturally at your normal pace. Your natural stride is very reproducible, therefore, you should not attempt to develop a pace of any given value.

EQUIPMENT REQUIRED:

Field notebook
Pencils
Walking shoes
Steel tape
Chalk or survey pins

INSTRUCTIONS:

1. Prepare your field book as described in the field notebook section in the CIVL 22 website.

   **Inside Cover:** Name
   Local Address
   Local Telephone Number
   E-mail Address

2. After the index page, place the title: "DETERMINATION OF LENGTH OF PACE" (course paced = 200 ft) on the left hand page. Beneath that label column 1 "Pacing No.", column 2 "No. of Paces", column 3 "Avg. Paces", column 4 "Length of Pace(ft)", columns 5 & 6 "Remarks".

3. Use the steel tape to measure out 200 ft. in the assigned area. Place a chalk mark at the beginning and end points. On the right hand page in your field book sketch a map of the site (estimate the north direction). Include a plan view of Baun Hall, and note the location of your 200’ pacing course on the map. Use letters to identify the various walls of Baun Hall.

4. Reel the tape up and pace off the measured 200’ distance. Record the data.
5. Repeat by walking back in the opposite direction and record.

6. Calculate average number of paces and record.

7. Calculate and record length of your pace.

8. Draw a horizontal line beneath the data above. Print the title DETERMINATION of DIMENSIONS OF BAUN HALL beneath the line. Label the columns with Side, No. of Paces and Length, ft.

9. Pace the various sides of Baun Hall and record the number of paces in the appropriate column. Pace in both directions to get an average.

10. Compute and enter the length of the side in feet.

11. On the map you drew on the right hand page, record the lengths of the sides.

12. Record the job description, pages used, etc. on the index pages in the front of the field book.

13. Turn in your field book on Monday

REFERENCES: