

Cadastral Surveying N

Study Period 2, 2006

Time Allowed: 2 hours + 10 minutes reading time

Lecturer: Kim Nisbet

Total Marks = 100

Marks for questions shown in brackets.

QUESTION 1

(25 marks)

“Evidence of long confirmed and undisturbed occupation may raise a presumption that such occupation is in accordance with the boundary as originally laid down.”

What do you understand by this statement?

Give a *brief* account of *one* of the law cases below. What were the critical issues that affected the judgement?

- Cable v Roche (1961)
- Turner v Myerson (1917)
- James v Stevenson (1893)

QUESTION 2

(25 marks)

What is the distinction between original marking and artificial monuments? What importance do you attach to each in the relocation of allotment boundaries? *Briefly* refer to any law reports to support your views.

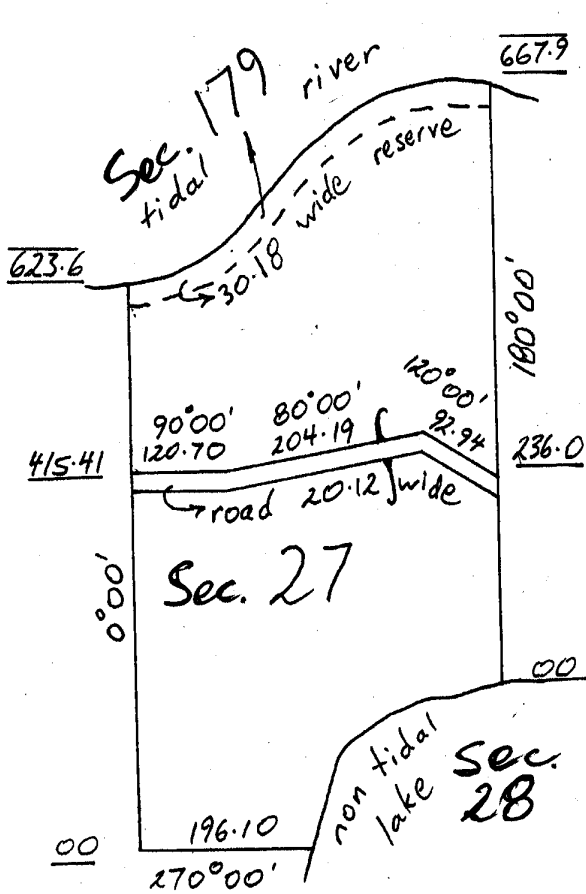
QUESTION 3

(25 marks)

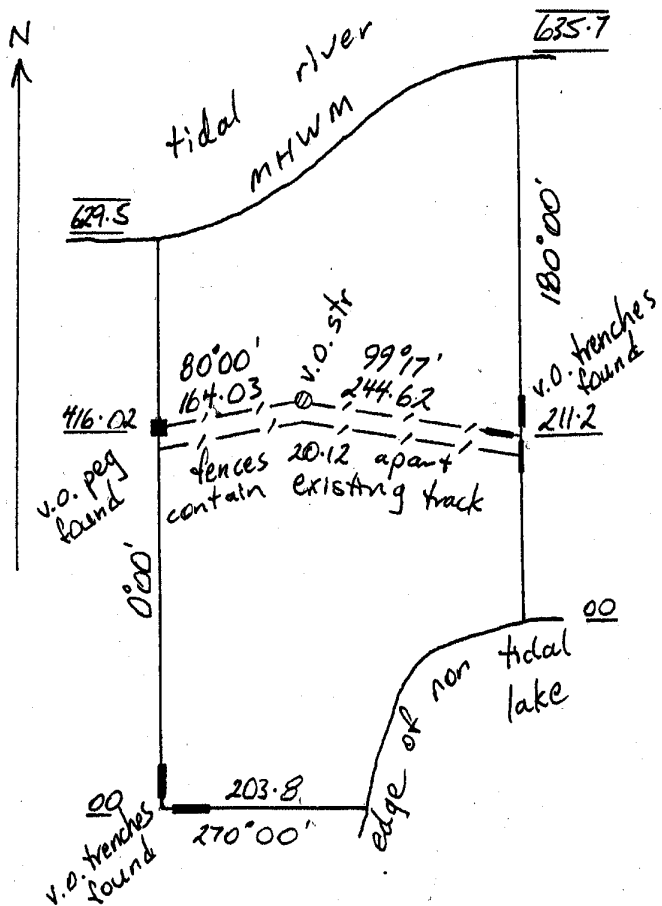
Sketch A represents the original survey of section 27 made in 1915, just prior to freeholding. Sketch B shows the result of recent field work for the purpose of division into two allotments either side of the road.

Indicate by measurements on a sketch, accompanied by *brief* annotation:

- a) where you would redefine the northern side of the road. To simplify your calcs note that join between original road marks found in Sketch B:
 - Sketch A data calcs $91^{\circ}34'10''$ for 402.43m, compared with
 - Sketch B data calcs $91^{\circ}33'40''$ for 403.10m.
- b) where you would locate the following boundaries, assuming that any variation in position of the natural features is due to gradual, natural and imperceptible accretion or erosion:
 - i. the lake boundary,
 - ii. the river boundary, and
 - iii. the landward boundary of section 179, the riverfront reserve.



Sketch A



Sketch B

QUESTION 4

(25 marks)

You have been instructed to do an identification survey on allotment 8 in DP 1211 surveyed in 1890 (Figure 1). In 1923, south of Government Road was subdivided (DP 2970); this survey placed MPs and showed a width of 20 metres for Government Road. In 1955, north of King Street was subdivided (DP 4050); this survey placed PMs and showed King Street as 20 metres wide.

Figure 2 shows the result of your survey in which you found the MPs and PMs. The alignment of Queen Street and Park Lane is not in question.

Show where you would locate the northern and southern boundaries of allotment 8 at the Queen Street and Park Lane ends giving *brief* reasons for your determinations.

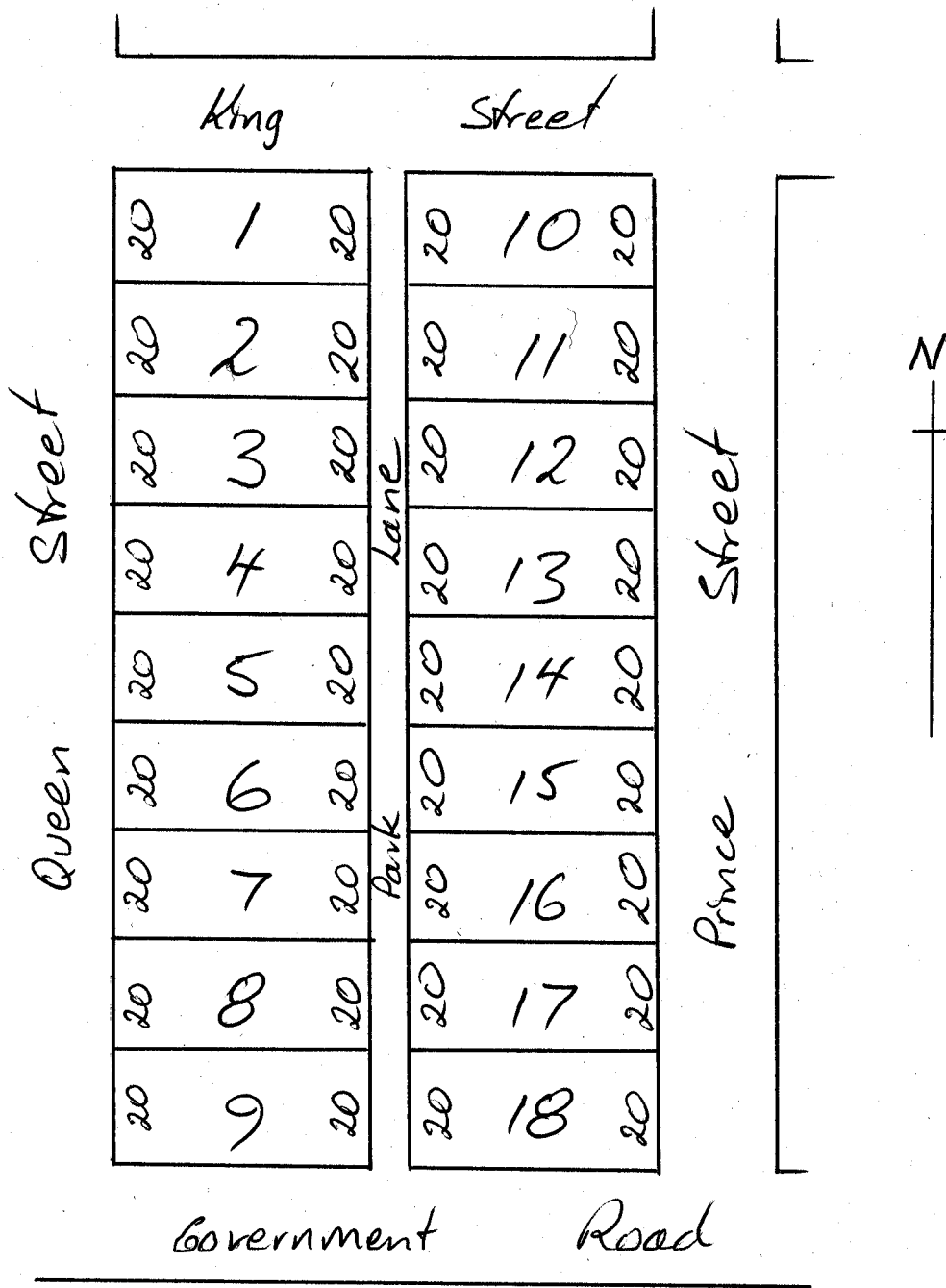


Figure 1

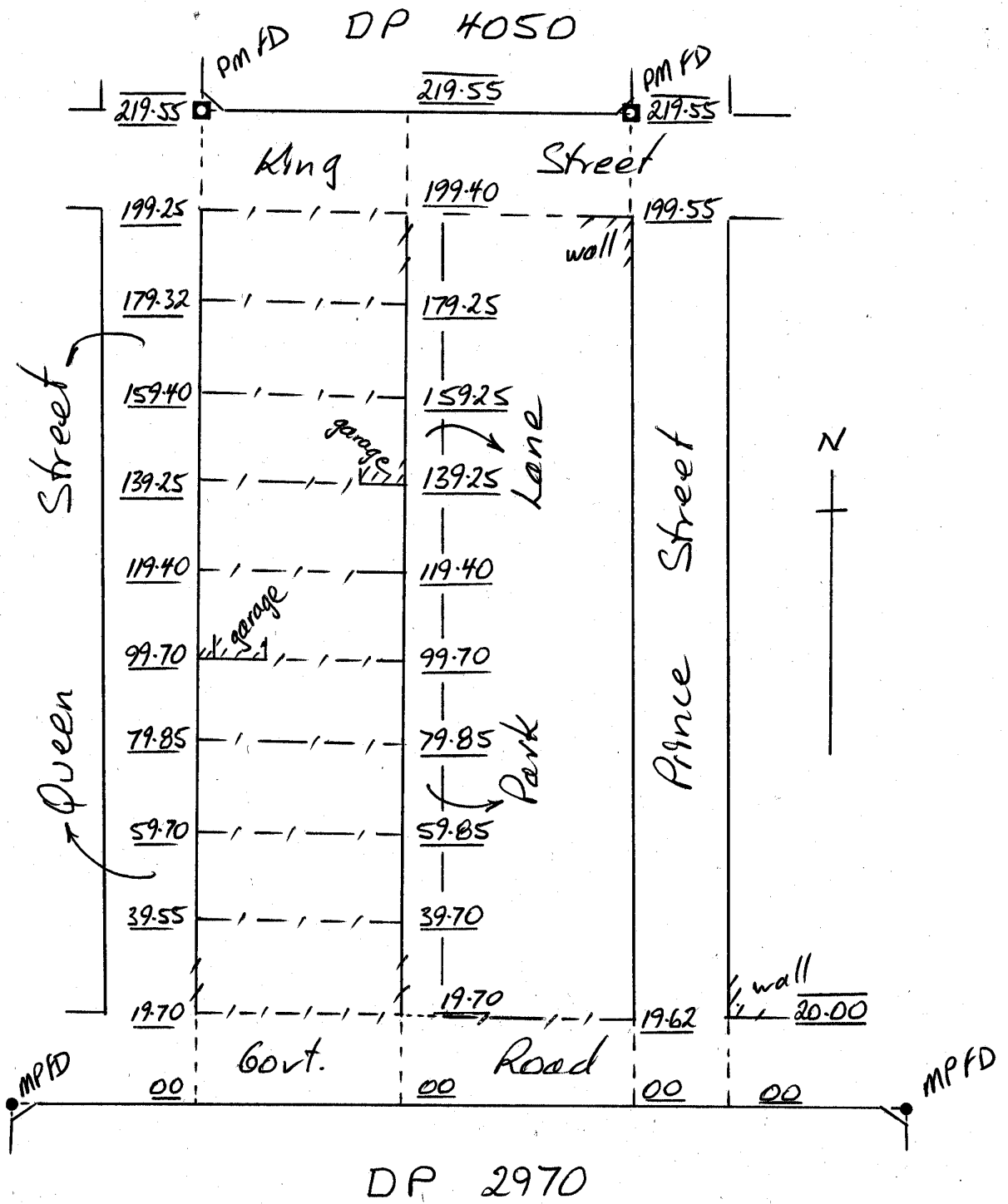


Figure 2