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## EXERCISE 9.1 / Reading Plot Plans

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NAME \_\_\_\_\_

Refer to the plot plan of the A residence (Figure 6) for questions 1 through 18.

1. \_\_\_\_\_ Is the front property line parallel to the rear property line?
2. \_\_\_\_\_ Give the compass direction of the highest corner of the plot.
3. \_\_\_\_\_ Give the elevation of the highest corner of the plot.
4. \_\_\_\_\_ Give the compass direction of the lowest corner of the plot.
5. \_\_\_\_\_ Give the elevation of the lowest corner of the plot.
6. \_\_\_\_\_ Give the contour interval.
7. \_\_\_\_\_ Give the elevation of the finished floor level.
8. \_\_\_\_\_ How many oak trees are located on this plot before construction?
9. \_\_\_\_\_ How many oak trees are located on this plot after construction?
10. \_\_\_\_\_ How many cherry trees are located on this plot before construction?
11. \_\_\_\_\_ How many cherry trees are located on this plot after construction?
12. \_\_\_\_\_ What is the trunk diameter of the largest tree?
13. \_\_\_\_\_ What is the width of the curved driveway?
14. \_\_\_\_\_ How many basement window area walls are required?

List four different uses of dashed lines on this plot plan:

15. \_\_\_\_\_  
\_\_\_\_\_
16. \_\_\_\_\_  
\_\_\_\_\_
17. \_\_\_\_\_  
\_\_\_\_\_
18. \_\_\_\_\_  
\_\_\_\_\_

(continued)

The following questions refer to the utilities plan of the A residence given at the right.

19. \_\_\_\_\_ Give the size of the water main.
20. \_\_\_\_\_ Give the size of the sewer main.
21. \_\_\_\_\_ Give the invert elevation of the sewer main at manhole #47.
22. \_\_\_\_\_ Does the sewer main slope to flow northward?
23. \_\_\_\_\_ Is the entrance electric line underground?
24. \_\_\_\_\_ Is the entrance telephone line underground?
25. \_\_\_\_\_ Is there an entrance gas service line?

