

**DIVISION D  
REQUEST FOR SURVEY INFORMATION  
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**DIVISION D  
REQUEST FOR SURVEY INFORMATION**

**D.1 GENERAL**

- A. The University of Pittsburgh has on file surveys of several University property areas. The Professional should check with the University's Project Manager for survey information that may already exist.
- B. Should additional survey information be required, the Professional will request it in writing from the University. A map will be included with the request, showing the area to be covered by the survey.

**D.2 DRAWING REQUIREMENTS**

- A. Unless otherwise requested by the Professional, the following requirements will be a part of the final survey drawing.
  - 1. Drawings will be completed on plotted velum or Mylar (not diazo Mylar) and be
    - 1. 24" x 36" or 30" x 42" in size.
  - 2. Show North arrow.
  - 3. Include legend of symbols and abbreviations used on drawings.
  - 4. Spot elevations on paving or other hard surfaces will be to the nearest 1/2", on other surfaces to the nearest 1".
  - 5. Boundary and topographic information will be on the same drawing unless noted otherwise by the University.
  - 6. State the elevation and the location of bench marks on each drawing. The datum used establishes the bench marks will be stated: USGS, City, and others.
  - 7. Furnish to the University one plotted velum or Mylar (not diazo Mylar) transparency of each drawing. The licensed land surveyor will sign and seal each drawing which certifies that to the best of his/her knowledge, the information shown is true and correct.

**D.3 BOUNDARY SURVEY**

- A. Unless otherwise specifically requested by the University, the following will be provided as part of the boundary survey:
  - 1. Boundary lines, giving length and bearing, including interior angles, radius, point of tangency, and length of curved lines, location of all existing monuments.
  - 2. Provide the area in square feet if less than one (1) acre; areas larger than an acre are to be in thousandths of an acre.
  - 3. Name, width, ownership and type of surface for streets and highways.

4. Locations of any structures within the property and structures outside of the property at a distance of 50 feet. Provide dimensions to property lines.
5. Any encroachments if they apply.
6. Fences and walls with dimensions to property line, height and top elevation.
7. Known easements and rights-of-ways that cross the property, including ownership.
8. Individual lot lines if they apply.
9. Names of ownership and zoning of adjacent properties.
10. Make notification of discrepancies that occur between the recorded deed and the survey.
11. Furnish a legal description which conforms to the recorded title boundaries.

Before performing field work, the Surveyor will obtain information concerning the site such as deeds, maps, and any additional boundary line information as may be required.

#### **D.4 TOPOGRAPHICAL SURVEY**

- A. Unless otherwise specifically requested by the University, the following information will be provided as part of the topographical survey:
  1. Provide a minimum of one (1) permanent bench mark on the site for each 20 acres with the elevation to the nearest .01 ft.
  2. Contours at five-foot intervals or two-foot intervals as required.
  3. Spot elevations at a 25 foot grid covering the property.
  4. Spot elevations at street intersections and at 10 feet on center on curbs, sidewalks and edge of paving.
  5. Locations of existing structures and foundation wall. Show floor elevations and elevations at building entrances.
  6. Location of underground utility lines, complete with depth and utility name.
  7. Fire hydrants available to the property and size of water lines serving each.
  8. Power and communication systems above and below ground.
  9. Size, depth and direction of flow for sanitary sewers, storm sewers, catchbasins and manholes serving the property. Provide top and invert pipe elevations at manholes and catchbasins.
  10. Names and telephone numbers for operating utilities.
  11. Water level at any nearby body of water.
  12. Note if property is in a flood plain. Show 100 year flood level of streams or adjacent

bodies of water. Show extent of wetland areas if applicable.

13. Note extent of watershed onto property.
14. Locations of test borings if known and elevations at top of holes.
15. Perimeter outline of thickly wooded areas unless otherwise directed.

B. Additional Requirements: The Professional will verify with the University's Project Manager of any additional requirements or special conditions for survey information.

**END OF DIVISION**