UNIVERSITY OF CINCINNATI
OFFICE OF THE UNIVERSITY ARCHITECT
SURVEY INFORMATION REQUIRED

Drawing Requirements

☐ 2. University drafting standards.
☐ 3. Survey data marched to U.S.G.S. data.
☐ 5. Existing survey.
☐ 6. Design survey.
☐ 7. As Built survey.

Land Survey Requirements

Property dimensions in both U.S. std. and District Std.
Error of closure of perimeter of property shall not exceed ☐ 1/5000.

☐ 8. Boundary lines, giving length and bearing on each straightline; interior angles; radius, point of tangency, and length of curved lines: Set iron pin (monument) at property corners where none exists; drive pin 18” into ground, mark with wood stake; state on drawing whether corners were found or set and describe each.

☐ 9. Survey will provide known data points.

☐ 10. Legal description, including measurements in recorded deeds for comparison with observed.

☐ 11. Area in square feet is less than one acre, in acres (to .001 acre) if over one acre.

☐ 12. Identify, jurisdiction and width of adjoining street and highways, width and how paved. Identity of landmarks.

☐ 13. Plotted location of structures on the property and on adjacent property within _____ feet. Dimension perimeters in ☐ and inches to nearest 1/2” ☐ feet and decimals to .05’. State character and number of stories. Dimension to property lines and other buildings. Vacant parcels shall not be noted VACANT.

☐ 14. Encroachments, including cornices, belt courses, etc., either way across property lines.

☐ 15. Fences and walls; describe construction and height. Identify party walls and located with respect to property lines.

☐ 16. Recorded or otherwise known easements and right-of-way; state owner of right.

☐ 17. Possibilities of prescriptive rights-of-way and nature of each.

☐ 18. Anticipated street widenings.

☐ 19. Individual lot lines and lot and block numbers. ☐ Street numbers of buildings.

☐ 20. Zoning of property; if more than one zone, extent of each. ☐ Zoning of adjacent property and property across street or highway.

☐ 21. Building line and setback requirements, if any.

☐ 22. Names of owners of adjacent property.

Appendix A
23. Reconciliation or explanation of any discrepancies between survey and recorded legal description.

TOPOGRAPHICAL SURVEY REQUIREMENTS: All lines of levels shall be checked by separate check level lines or on previous turning points or benchmarks.

24. Topography: Relate bench mark elevation to USGS elevation. Provide permanent bench mark on adjacent structures for use of construction personnel, or provide known data points. Number of KDP’s required is _______.

25. Contours at 1 foot intervals; error shall not exceed one-half contour interval.

26. Spot elevation at each intersection of a 20 feet square grid covering the property, and if possible 10 feet beyond.

27. Plotted location of structures man-made and natural features; all building corners, elevations at each entrance. Give elevation first story. Give fence location, height and type of construction.

28. Location, size, depth and pressure of water and gas mains, central steam, and condensate, chilled water, and other utilities serving or on the property.

29. Location of fire hydrants available to property and size of main serving each.

30. Location of electric and telephone and T.V. services and characteristics of service available. Locate all utility poles and major signs.

31. Location, size, depth and direction of flow of sanitary sewers, combination sewers, storm drains and culverts serving or on property; location of catchbasins and manholes and inverts of pipe at each.

32. Name of operating authority of each utility.

33. Mean elevation of water in any excavation, well or nearby body; flood level of streams.

34. Extent of water in any excavation, well or nearby body, flood level of streams.

35. Extent of watershed onto property. □ Probability of freshest overrunning the site.

36. Locations of test borings if ascertainable and elevation of top of holes.

37. Trees of _______” and over (caliper 3’ above ground) locate within 1’ tolerance and give species.

38. Specimen trees flagged by University. Locate to center within 6” tolerance, give species and caliper and ground elevation on upper slope side.

39. Perimeter outline only of thickly wooded areas unless otherwise directed.

40. Invert and rim elevations for all storm and sanitary sewers, water valves on site.

41. Seal: Affix seal of registered professional surveyor responsible.

MISCELLANEOUS REQUIREMENTS

42. Number of “as-built” data discs required is ______.

43. Number of blue line drawings required at completion is ______.