



## ***Town of Foster Planning Department*** ***CLASS I BOUNDARY SURVEY PLAN CHECKLIST***

The applicant shall submit to the Administrative Officer all required information. Plans shall include a certification that all data conform to all applicable standards of the Rhode Island State Board of Registration for Professional Land Surveyors. The following information must be detailed on the survey delivered to the Planning Department for review, preferably electronically until the final plan is approved [one (1) mylar and four (4) paper copies of 24" by 36" size are required for signature and recording after approval]:

1. \_\_\_\_\_ Class I boundary survey, conforming to all applicable and most recently adopted standards of the Rhode Island State Board of Registration for Professional Land Surveyors.
2. \_\_\_\_\_ All owner/applicant names and associated mailing addresses.
3. \_\_\_\_\_ Plan title block with proposed name of the development; date prepared; revision box to identify all changes from previous submissions; and the stamp and signature of the Professional Land Surveyor who prepared it.
4. \_\_\_\_\_ Zoning criteria for the applicable district (e.g. minimum square foot lot size, front/side/rear yard setbacks, frontage, building coverage and height).
5. \_\_\_\_\_ Site boundary, north arrow, plat and lot number(s), calculated area of property, zoning district(s), and the plat and lot numbers and zoning districts of abutting lots; scale of drawings, including graphic scale.
6. \_\_\_\_\_ Existing location of structures, OWTS, wells, driveways, etc, including setback lines and distances.
7. \_\_\_\_\_ Soil classifications, if applicable.
8. \_\_\_\_\_ Existing drainage, wetlands, streams, ponds, groundwater recharge areas, groundwater reservoirs, wellhead protection areas, stone walls, historic features, and the flood plain boundaries, if applicable.
9. \_\_\_\_\_ Existing and/or proposed easements, if applicable.

10.\_\_\_\_\_A location map showing the physical relationship of the proposed subdivision or land development project to the area within a radius of one-half mile using a U.S. Geological Survey (USGS) quadrangle map.

11.\_\_\_\_\_A site context map identifying the location of all brooks, streams, ponds, lakes, wetland areas, public drinking water reservoirs, groundwater reservoirs, groundwater recharge areas, wellhead protection areas, and public wells, and other public facilities within one thousand (1,000) feet of the proposal, if applicable.

12.\_\_\_\_\_RI State Plane Coordinates at each boundary and easement point (+/- mapping grade accuracy and equipment / methods used must be noted on the survey plan). \*\*

\*\* TIE TO THE GRID- It is highly desirable to conduct surveys, especially Class I, by tying to the RI State Plane Coordinate System (RISPCS), which is based on the North American Datum of 1983 (NAD83). The traditional methods [static or Real Time Network (RTN) Global Positioning System (GPS)] of connecting a survey to the RISPCS are ways to obtain the coordinates.

Such property surveys will be referenced to more accurate geographical locations, which can then be plotted in their correct position in Foster's mapping system. This will improve land records by allowing accurate ground surveys to be more easily translated to local and state maps (hard-copy or electronic), and land owners will be benefit in that property corner positions tied to the RISPCS can be reproduced to the same accuracy as the original mapping grade.