

## **SAN ANTONIO RIVER AUTHORITY SURVEY STANDARDS AND REQUIRED DELIVERABLES**

The San Antonio River Authority (SARA) requires that surveys of SARA property submitted for land sales, leases, or easements follow the SARA standards, presented below. Please note that the SARA Surveying & Mapping Office may provide important information related to property including boundary, monumentation, and coordinate information. SARA also provides geodetic control information to assist in determining state plane coordinate values. SARA encourages you to contact us and to use the SARA Surveying & Mapping Office as a resource for information. We look forward to working with you in the future. Please feel free to call SARA with any questions you may have.

1 Each survey must comply with the *Professional Land Surveying Practices Act and General Rules of Procedures and Practices*. The minimum standards are listed under *Professional and Technical Standards* in Sections 663.13 to 663.19 of the above referenced manual. The most common violations include the failure to cite the county courthouse recording information of adjoining landowners and the failure to cite the bearing basis of the survey.

2 Each survey must be tied to the Texas State Plane Coordinate System NAD27, NAD83 or NAD83/93 HARN, Lambert Grid, Texas Central Zone, unless otherwise instructed by the SARA Surveying & Mapping Office. In many cases SARA can provide you with the coordinates in the area of the survey. If coordinates have not been established in the area, SARA can usually supply you with the nearest GPS control points to use for either a GPS survey or for running a conventional traverse to the site.

3 Each survey must show at least one state plane coordinate value on the plat in US survey feet units.

4 Each survey must cite Lambert Grid - Texas Central Zone NAD27, NAD83 (or N83/93 HARN) as the bearing basis.

5 Each survey must show or recite the SARA boundaries that have been established by SARA (contact SARA Surveying & Mapping Office).

6 All improvements on the subject tract existing and or proposed must be located and shown on the plat, unless otherwise instructed by SARA.

7 Each plat must include a legend, a graphic scale, north arrow, etc.

8 When a sale, lease, or easement tract is to be surveyed to a contour line(s), please contact the SARA Surveying & Mapping Office for specific instructions.

9 Descriptions and plats must be submitted on 8 1/2" X 11" paper when possible. Before submitting final descriptions and plats, the surveyor shall fax or mail a preliminary set to the Surveying & Mapping Office or the Real Estate Department at the following address:

### **San Antonio River Authority**

Street Address: Mailing Address: 100 E. Guenther Street P.O. Box 839980 San Antonio, Texas 78204 San Antonio, Texas 78283-9980 Fax # (210) 302-3692 Toll Free (866)345-7272

Surveying & Mapping Office or Real Estate Department

(210) 227-1373

10. After review and approval by SARA, the surveyor will submit digital files of the descriptions and plats with the final deliverables either on a 3 2" disk, cd-rom or via e-mail. Field notes should be submitted in ascii text format. AutoCAD drawings should be submitted in R14 format (R12 to R14 are acceptable formats). Three or more final signed and sealed originals must be provided by the surveyor after final approval by the SARA Surveying & Mapping Office.

In some cases, additional information may be requested from the surveyor. Contact the Surveying and Mapping Office for a sample description and plat. If you need additional information or if you have any questions, please contact one of the above.