



WHY PRYTANIA JOGS AT JOSEPH

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TULANE SCHOOL OF ARCHITECTURE

GLANCING AT A MAP of New Orleans, streets seem to emerge from a nebulous mid-crescent origin and radiate outwardly toward the arching Mississippi, like blades in a handheld fan. Viewed from the river, the pattern resembles the skeleton of a sinuous snake. The striking morphology happened neither by chance nor by plan, but rather by the inadvertent momentum that occurs when human beings survey lines upon the landscape and organize lucrative activities therein.

Undergirding the pattern, which appears on the older, riverside half of the city everywhere except the French Quarter, is the “long lot” or *arpent* survey-

ing method introduced by the French in the early 1700s. The system, possibly first used in Babylonian times, appeared in the lowlands and mountain valleys of north-central Europe around the end of the first millennium. It spread to present-day Belgium and northern France in later centuries, where, according to historian Carl J. Ekberg, it formed agrarian landscapes known variously as *en arête de poisson* (herringbone), *village-route* (street-village), or *hameau-allongé* (string town). Whether this “cadastral system” — that is, a procedure of land subdivision and documentation of tenure — derived from tillage practices or from an organized effort of settlement and ownership, the resulting “cadasters” (parcels) were usually shaped as elongated lots with depth-to-width ratios anywhere from 3:1 to 10:1 or more.

It was primarily the French who transferred this spatial concept to the New World, establishing their long lots in the St. Lawrence Valley, the Detroit region, the Illinois Country around present-day St. Louis, and throughout the alluvial and deltaic regions of Lower Louisiana. The rationale behind the method is compelling: given (1) a valued linear resource at one end (a waterway in our case, else a road), (2) unproductive land at the other end (backswamp here, mountains elsewhere), and (3) an expanse of arable terrain in between (natural levees here, valley bottoms elsewhere), then the optimal way to create a maximum number of parcels that benefit from both resources is to delineate narrow strips *off* the linear resource and *across* the arable terrain. If the lots are too wide, only a few farms would be created. If the lots are demarcated as small squares rather than strips, then numerous lots may be created but many would lack access to the linear resource, for transportation and/or irrigation. Long lots represent an optimal allocation of two scarce resources.



Radiating street pattern of uptown New Orleans. Photo courtesy Port of New Orleans

