

JET ENGINEERING

Consulting Civil Engineers, Planners & Surveyors

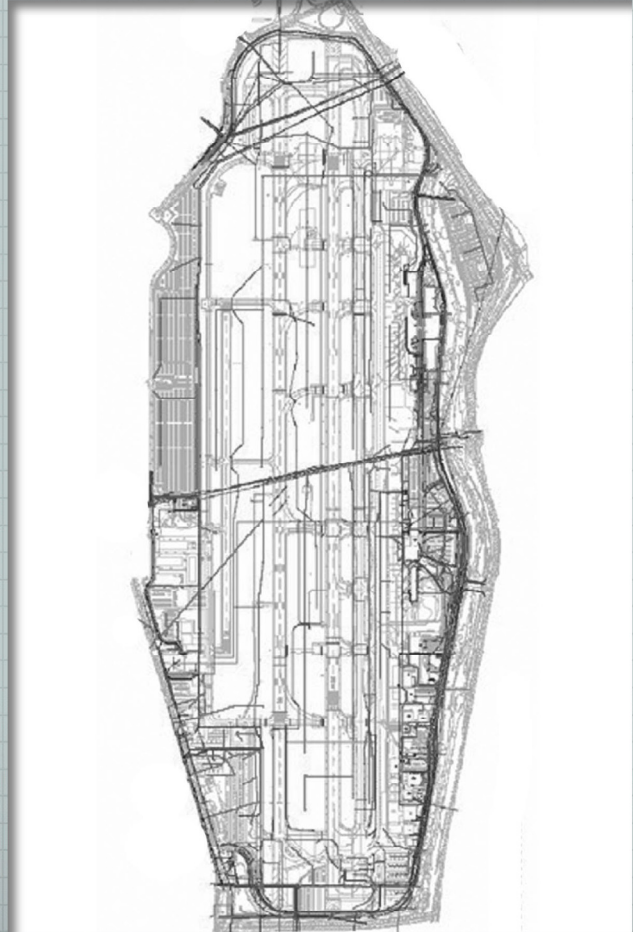
NORMAN Y. MINETA SAN JOSE INTERNATIONAL AIRPORT

SAN JOSE, CA

In 2004, the San Jose International Airport embarked on a visionary expansion program to bring the Airport amenities and programs more inline to better serve surrounding Silicon Valley businesses and the flying public (FlySanJose.com).

As part of the expansion Design Team, JET was responsible for the preparation of a comprehensive Master Utility Plan requiring an exhaustive examination of existing plans, record documents, utility surveys, field reviews, and incorporation of planned utilities in conjunction with Runway 30R Extension and the Skyport Grade Separation projects.

Under another major phase of the project, JET was also responsible for the preparation of the PS&E Package for the relocation of the main sewer trunk line for the City of Santa Clara to allow for the extension of Runway 30R before discharging to the San Jose/Santa Clara Water Pollution Control Plant in Alviso. The project consisted of 5000 linear-feet of 48-inch PVC-lined reinforced concrete pipe and two inverted siphons in De La Cruz Boulevard. Hydraulic models were developed to simulate the various flow regimes to minimize maintenance issue in the system.



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