

JET ENGINEERING

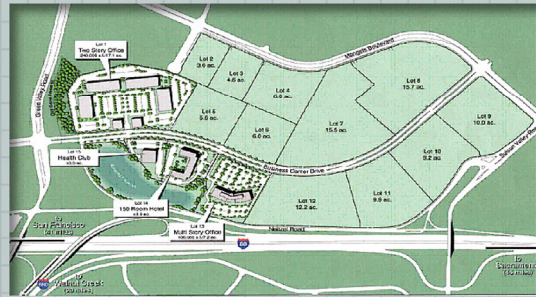
Consulting Civil Engineers, Planners & Surveyors

FLOOD CONTROL & STORM DRAINAGE QUALIFICATIONS

JET Engineering provides the following projects to demonstrate the breadth of our experience and qualifications to effectively accomplish Flood Control and Storm Drainage Master Planning & Facility Design.

GREEN VALLEY CORPORATE PARK, FAIRFIELD, CA

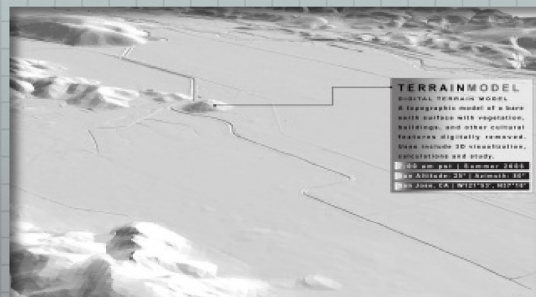
JET Engineering was responsible for the analysis of constructed and planned Storm Drainage systems and preparation of a Hydraulic System Model for the Green Valley Corporate Park (GVCP). JET Engineering prepared Technical and Policy Memoranda of findings, and drafted Joint Use Storm Drainage Easement Agreements for overland flows and storm-water bio-retention facilities, including temporary construction easements for use by the City of Fairfield. In 2004, JET Engineering also prepared a FEMA LOMR to remove a 17-acre Redevelopment Agency parcel from a flood plain.



CLIENT *Quadrangle Development*
4820 Business Center Dr.
Fairfield, CA 94534
(707) 863-8544

COYOTE VALLEY SPECIFIC PLAN, SAN JOSE, CA

Responsible for coordinating all aspects of Infrastructure and Civil Engineering related documents during preparation of the Coyote Valley Specific Plan (CVSP). This plan to develop the Coyote Valley area over a period of 30 to 50 years with responsibilities that included the active participation on various Technical Advisory committees, preparation of technical memoranda, as well as development of Master Plans for all major infrastructure elements (including Flood Control, Storm Drainage, Water, Reclaimed Water, and Sewer Systems) to support a minimum of 25,000 housing units and 50,000 jobs.



CLIENT *San Jose City Hall*
200 E. Santa Clara St.
San Jose, CA 95113
(408) 535-7911

FLOOD CONTROL EXPERIENCE

1048 El Camino Real, Suite C | Redwood City, CA 94063 | T: 650.260.2755 | F: 650.260.2758

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NORTH COYOTE VALLEY FLOOD CONTROL & REGULATORY IMPROVEMENTS, SAN JOSE, CA

Responsible for the preparation of Improvement Plans, including processing an individual ACE 404 Permit, with permitting with the Division of Safety of Dams (DSOD) and other associated regulatory permits for the Flood Control and Regulatory Improvements in North Coyote Valley. The Project consisted of multi stage weirs and control facilities with approximately 1500

AF of flood storage with approximately 2000 linear feet of a bypass channel within the future SCVWD right-of-way. The first phase of the project was completed in 2007 with an estimated cost of \$6MM dollars.

CLIENT *Divco West, LLC*
575 Market Street, 35th Flr
San Francisco, CA 94105
(415) 284-5700

NORTH COYOTE VALLEY CAMPUS AREA STORM DRAIN MASTER PLAN, SAN JOSE, CA

Responsible for the preparation of the North Coyote Valley Research Park Storm Drain master Plan for the planned 1,444 acres of the North Coyote Valley Campus Industrial Area, within the City of San Jose. Incorporated relevant City design criteria, incorporated other criteria to document the basis of design, and designed 6 systems totaling approximately 15,000 LF of storm drain pipeline with outfall and associated appurtenant

facilities. The storm drainage system was designed to serve the 688-acre North Coyote Valley Research Park. Design tasks required extensive use and knowledge of hydraulic modeling software.

CLIENT *Divco West, LLC*
575 Market Street, 35th Flr
San Francisco, CA 94105
(415) 284-5700

SAN JOSE INTERNATIONAL AIRPORT MASTER UTILITY PLAN, SAN JOSE, CA

Responsible for the preparation of a Master Utility Plan for the San Jose International Airport. Work included a comprehensive examination of existing plans, utility surveys, field reviews, and incorporation of planned utilities in conjunction with the Runway 30R Extension, the SkyPort Grade Separation and Terminal Expansion projects.

CLIENT *Norman Y. Mineta*
San Jose Int'l Airport
1732 N. First Street, #600
San Jose, CA 95112

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WEST LITTLE LLAGAS CREEK RESTORATION, GILROY, CA

Responsible for the preparation of a Hydrology and Hydraulics Reports, including HEC-RAS Models and Improvement Plans, processing a LOMR and associated regulatory permits for the West Little Llagas Creek Restoration. The Project consisted of 1600 feet of channel widening and realignment improvements within the SCVWD right-of-way, 22' span box culvert and a pedestrian foot bridge with subsequent dedication of the facilities to the Santa Clara Valley Water District.

CLIENT *Santa Clara Valley
Water District
5750 Almaden Expressway
San Jose, CA 95118*

BAYSHORE STORM DRAINAGE BASIN, CITY OF BRISBANE & DALY CITY, CA

Responsible for the preparation of a Master Storm Drainage Plan for the Bayshore Storm Drainage Basin. The site is located in the San Francisco Bay drainage basin and was subject to severe erosion and drainage problems. Work included development of a storm drainage model, and with a detention basin and preparation of a PS&E package. Obtained regulatory permits from the ACE, F&WS, RWQCB and STSC. Work conducted as part of a 1999 drainage project to replace existing storm water pipes with much larger box culvert and channel improvements with a detention basin. No reports of flooding have occurred since this work was completed.

CLIENT *City of Brisbane
50 Park Place
Brisbane, CA 94005
(415) 508-2133*

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