



**US Army Corps  
of Engineers®**

SAN FRANCISCO DISTRICT

# PUBLIC NOTICE

Regulatory Branch  
333 Market Street  
San Francisco, CA 94105-2197

NUMBER: 291560N      DATE: June 5, 2006  
RESPONSE REQUIRED BY: July 3, 2006

PERMIT MANAGER: Elizabeth Dyer

PHONE: 415-977-8451

Email: Elizabeth.Dyer@spd02.usace.army.mil

**1. INTRODUCTION:** Mr. Joe Garaventa, of Garaventa Properties, P.O. Box 5397, Concord, California 94520, ((925)689-8390), through his Agent Judy Bendix ((510) 964-0394) of Mosaic Associates LLC, 2310 San Pablo Ave, Pinole, California 94564, has applied for a U.S. Army Corps of Engineers (Corps) permit to: (1) place permanent fill into 1.31 acres of jurisdictional seasonal wetlands; (2) place temporary fill of 0.004 acre (19 cubic yards) of fill (sandbag cofferdams and bypass pipes) along a section of Old Dan Wilson Creek below the plane of ordinary high water; and (3) place permanent fill of 0.004 acre (19 cubic yards) of rock riprap below the plane of ordinary highwater to construct a storm drain. The purpose of this permit is to construct the Fairfield Corporate Commons, a development, in the City of Fairfield, Solano County, California. This permit application is being processed pursuant to the provisions of Section 404 of the Clean Water Act (33 U.S.C. Section 1344). Section 404 regulates the discharge of dredge and fill material below the plane of ordinary high water in non-tidal waters of the United States and within the lateral extent of wetlands adjacent to these waters.

The Fairfield Corporate Commons site is comprised of ten (10) parcels totalling approximately 79.2 acres, of which all are proposed for commercial and residential development (Figure 1-3). The site is located on the northern side of I-80, adjacent to the California Highway Patrol's Cordelia Truck Scales facility. The site as a whole is bounded by Suisun Valley Road on the west and Suisun Valley Creek on

the east. Dan Wilson Creek divides the site into two distinct areas, Corporate Commons West and Corporate Commons East. The Solano Community College main campus is adjacent to the project site on the north.

Access to the Fairfield Corporate Commons site would be from the Suisun Valley Road with a four-lane east-west arterial road that would serve as the primary circulation road through the site and connect with the interior roadways and parking lots. The access road, the middle segment of the Solano Transportation Authority's (STA) Solano North Connector, would extend east from Suisun Valley Road, bridge Dan Wilson Creek, and then proceed eastward to a dead-end at the middle of the eastern property line (Figure 4).

**Project Site:** Land uses for the Fairfield Corporate Commons East site include existing office and light industrial with open space. Land uses for the Fairfield Corporate Commons West site include open space, farming, and rural residences. The City of Fairfield rezoned the Fairfield Corporate Commons East site in 2005 from Business and Industrial Park to Residential High Density. The project site carries a General Plan designation of Industrial Business Park on the west and southeast side and Mixed Use on the north east side.

The Corps jurisdiction for the Fairfield Corporate Commons project site include 1.31 acres of seasonal wetlands and Dan Wilson/ Old Dan Wilson Creek. In

accordance with Corps regulations, the site was delineated using the Corps Wetland Delineation Manual (Corps 1987). The Corps verified the Fairfield Corporate Commons applicant's delineation, prepared by Jones and Stokes on August 2004 and the Solano North Connector applicant's delineation, prepared by Monk and Associates on April 2004.

Dominant wetland vegetation in mapped wetland features on the west end include *Juncus xiphioides* iris-leaf rush, *Juncus mexicanus*, Mexican rush, *Eleocharis macrostachya*, common spikerush, *Hordeum brachyantherum*, meadow barley, *Ranunculus muricatus*, California buttercup, *Pleuropogon californicus*, California semaphore grass, *Hordeum marinum* ssp. *gussoneanum* Mediterranean barley, *Polypogon monspeliensis* rabbits-foot grass, *Lythrum hyssopifolium*, grass poly and *Trifolium dubium*, clover.

The reach of Dan Wilson Creek investigated for the delineation extends from the existing I-80 box culvert north to the terminus of Oakwood Drive. There are two branches of Dan Wilson Creek in this area. The more narrow, eastern branch likely represents the historic alignment of this creek, due to a presence of a crossing over this section of the creek. The historic section of the creek averaged 10 feet wide at the plane of ordinary high water (OHW) and connects the current main alignment of Dan Wilson Creek.

The main, western branch of Dan Wilson Creek is more channelized with steep banks on either side. The main branch is 48 feet wide at the plane of ordinary high water where it flows under I-80. The creek narrows to 21 feet at the plane of ordinary high water upstream of I-80.

Dominant vegetation in the creek channel include water cress, *Alisma plantago-aquatica*, broadleaf water plantain, *Veronica anagalis-aquatic*, veronica, *Lythrum hyssopifolium*, grass poly, and *Juncus xiphioides*, iris-leaf rush.

**Project Description:** The construction of office buildings, housing access roads, parking, landscaping, and utility infrastructure would cause permanent displacement of 1.31 acres of seasonal wetlands. Cofferdams will be placed in the creek during the construction of an emergency vehicle access bridge and a stormwater drain causing 0.008 acre of temporary impacts to the creek. Construction of the stormwater drain using rock riprap will cause 0.004 acre of permanent fill (Figure 5-12).

The Fairfield Corporate Commons West site is a 19-acre site with plans for three office complexes (289,750 square feet). The Fairfield Corporate Commons East site is approximately 42 acres with plans for seven office buildings (474,000 square feet), a 150-room hotel (80,000 square feet), 269 multi-family residential units (11.2 acres), and 167 single-family attached townhouse units ( 16.7 acres).

A bridge designed to meet the criteria for emergency vehicle access is included in the Fairfield Corporate Commons East/West project (Corps File #29156N). This emergency vehicle access bridge (EVA) will be constructed over Dan Wilson Creek. Construction of the abutments for this access bridge will include temporary placement of 0.004 acre of fill for a cofferdam and bypass pipes. The cofferdam and bypass pipe will be removed once the outfall for the detention basin has been constructed.

Other project components of the Corporate Commons East site include two interconnected detention basins that will drain to Dan Wilson Creek. A single storm drain line would convey runoff from the detention basin to Old Dan Wilson Creek via a 30-inch storm drain outfall located approximately 200 feet north of I-80. Permanent placement of 0.004 acre (19 cubic yards) of rock riprap will be placed below the plane of ordinary highwater to construct the storm drain and temporary placement of 0.004 acre of sandbags and bypass pipes for a cofferdam will be installed to

dewater the outfall construction area in Old Dan Wilson Creek.

The Corporate Commons East site will also include a park and village green common area. The two detention basins, a park, a village green, and other open space areas would occupy approximately 15.3 acres. The proposed detention basins would be landscaped and function as open space. Development would be set back from the eastern top of bank of Dan Wilson Creek by 70 to 180 feet in order to comply with the City of Fairfield's Creekside Ordinance.

Public improvements proposed by the project include the development of a spine roadway that will serve "double-duty" as the central segment of the Solano North Connector, a regional project sponsored by the Solano Transportation Authority. The North Connector is scoped to facilitate movement of local residents to use the Solano North Connector as an expressway rather than using I-80. The City of Fairfield is responsible for the portions of the Solano North Connector which includes a bridge over Dan Wilson Creek. The City has acquired, through a development agreement, the cooperation of the Fairfield Corporate Commons project applicants in the completion and funding of the Solano North Connector spine roadway. As explained in a letter dated April 24, 2006 from the City of Fairfield to the developer, a condition of the part of the entitlement process for building the residential and office components of the project requires the applicant to pay for 60% of the cost to construct the bridge over Dan Wilson Creek, and for a substantial portion of the spine roadway, which will serve as a part of the Solano North Connector.

The City of Fairfield bridge over Dan Wilson Creek (Corps File # 28457N) is considered to be a separate project and the Corps is proposing to authorize a Nationwide Permit 33 *Temporary Construction, Access and Dewatering* due to the placement of temporary fill of 0.004 acre of sandbag cofferdams

and bypass pipes to temporarily dewater the creek during construction of the temporary and permanent bridge.

Another public improvement proposed by the Fairfield Corporate Commons project is the construction the City of Fairfield's East-West water transmission pipeline (pipeline) through the eastern portion of the proposed development will require construction of 30-inch diameter pipeline (boring and jacking ) underneath Dan Wilson Creek and Suisun Creek. Both pipeline crossings of the creeks would provide three (3) feet of separation from the top of the pipeline to the flowline of the creeks (Figures 13-14).

Also, a 12-inch sewer line will be installed south of Dan Wilson Creek Bridge using jack and bore methods with a minimum of three feet of separation maintained between the bore line and the bottom of the creek channel (Figure 15).

**Purpose and Need:** The applicant states that the basic purpose of the Fairfield Corporate Commons project is twofold. First, the project provides for the development of the middle segment of the Solano Transportation Authority (STA) new arterial roadway between State Route 12 (SR12) and Abernathy Road in the City of Fairfield. The Solano North Connector is designed to address existing and future traffic congestion on local streets and I-80.

Second, the project provides a mixed-use development encompassing commercial, single family residential, multi-family residential, and public uses on the project site.

The overall project purpose is to develop projects consistent with the City of Fairfield's General Plan. The development of the principal access through the project site would contribute to the implementation of a regional transportation project known as the Solano North Connector which is sponsored by the City of

Fairfield and the Solano Transportation Agency (STA).

**Project Impacts to Corps Jurisdiction:**

Development of the proposed Fairfield Corporate Commons would result in the permanent fill of all 1.31 acres of jurisdictional wetland and permanent fill (rock riprap) of 0.004 acre of other Waters of the United States for the 30-inch storm drain. Temporary impacts would fill of 0.008 acre for 2 sets of cofferdams and bypass pipes below the plane of ordinary high water in non-tidal waters.

The applicant proposes to proceed with construction of the Fairfield Corporate Commons in phases.

- Construction of the Corporate Commons East site would begin in September 2006 and completed by May 2007.
- Rough grading of the Corporate Commons West site has not been scheduled.
- The 30-inch storm drain outfall (permanent placement of 0.004 acre of rockriprap) would be constructed between June 15 and October 15, 2006, or between April 15 and October 15, 2007.
- The EVA bridge (temporary placement of 0.004 acre of fill for cofferdam and bypass pipe) would be constructed between June 15 and October 15, 2006, or April 15, and October 15, 2007.
- The 30-inch water line bored beneath Dan Wilson Creek and Suisun Creek would be installed between June 15 and November 16, 2007.

**Proposed Mitigation:** The applicant proposes to mitigate for the impacts to aquatic resources by purchasing 2.66 acres of seasonal wetland mitigation

credit at the Elis Gridley Mitigation Bank in Solano County. A description of the type, location, functions and values of the seasonal wetland mitigation as well as a timeline for implementation would be provided by Wetlands Resources LLC., owner and operator of the Gridley Bank. Success criteria, monitoring, long-term funding, and protection of the Bank is described in the Elsie gridley banking agreement.

According to the applicant, if riparian trees or shrub removal is required for construction of the EVA bridge, mitigation would be accomplished by planting valley oaks and California rose at a 3:1 ratio on the east bank of Dan Wilson Creek near the southern limit of the project site.

**3. COMPLIANCE WITH VARIOUS FEDERAL LAWS:**

**National Environmental Policy Act of 1969 (NEPA):** The Corps will assess the environmental impacts of the proposed action in accordance with the requirements of the National Environmental Policy Act of 1969 (42 U.S.C. Section 4371 et. seq.), the Council on Environmental Quality's Regulations (40 C.F.R. Parts 1500-1508), and the Corps' Regulations (33 C.F.R. Part 230 and Part 325, Appendix B). Unless otherwise stated, the Environmental Assessment will describe only the impacts (direct, indirect, and cumulative) resulting from activities within the Corps' jurisdiction. The documents used in the preparation of the Environmental Assessment will be on file with the U.S. Army Corps of Engineers, San Francisco District, Regulatory Branch, 333 Market Street, San Francisco, California 94105-2197.

**Endangered Species Act of 1973 (ESA):** Section 7 of the Endangered Species Act requires formal consultation with the United States Fish and Wildlife Service (FWS) and/or the National Marine Fisheries Service (NMFS), if a Corps permitted project may adversely affect any federally listed threatened or endangered species or its designated critical habitat.

94612 by the close of the comment period of this Public Notice.

The Corps has initiated consultation with the U.S. Fish and Wildlife Service on federally-listed threatened *Rana aurora draytonii*, California red-legged frog, threatened *Desmocerus californicus dimorphus*, valley elderberry longhorn beetle and its habitat, endangered *Lepidurus packardi*, vernal pool tadpole shrimp, threatened *Branchinecta lynchi*, vernal pool fairy shrimp, and endangered *Branchinecta longitenanna*, longhorn fairy shrimp.

The Corps has initiated consultation with the National Marine Fisheries Service on the listed threatened *Oncorhynchus mykiss*, Central California Coast steelhead and its habitat.

The applicant's Biological Assessment can be reviewed at the Corps' San Francisco Office.

**Clean Water Act of 1972 (CWA):**

**a. Water Quality:** Under Section 401 of the Clean Water Act (33 U.S.C. Section 1341), an applicant for a Corps permit must first obtain a State water quality certification before a Corps permit may be issued. The applicant has provided the Corps with evidence that it has submitted a valid request for State water quality certification to Jolanta Uchman at the San Francisco Bay Regional Water Quality Control Board. No Corps permit will be granted until the applicant obtains the required water quality certification. The Corps may assume a waiver of water quality certification if the State fails or refuses to act on a valid request for certification within 60 days after the receipt of a valid request, unless the District Engineer determines a shorter or longer period is reasonable for the State to act.

Those parties concerned with any water quality issue that may be associated with this project should write to the Executive Officer, California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, California

**b. Alternatives:** Evaluation of the proposed activity's impact includes application of the guidelines promulgated by the Administrator of the Environmental Protection Agency under Section 404(b)(1) of the Clean Water Act (33 U.S.C. Section 1344(b)). An evaluation has been made by this office under the guidelines and it was determined that the proposed project is not water or wetland dependent. The applicant has submitted an Analysis of Alternatives, which is available for review at the Corps' office in San Francisco.

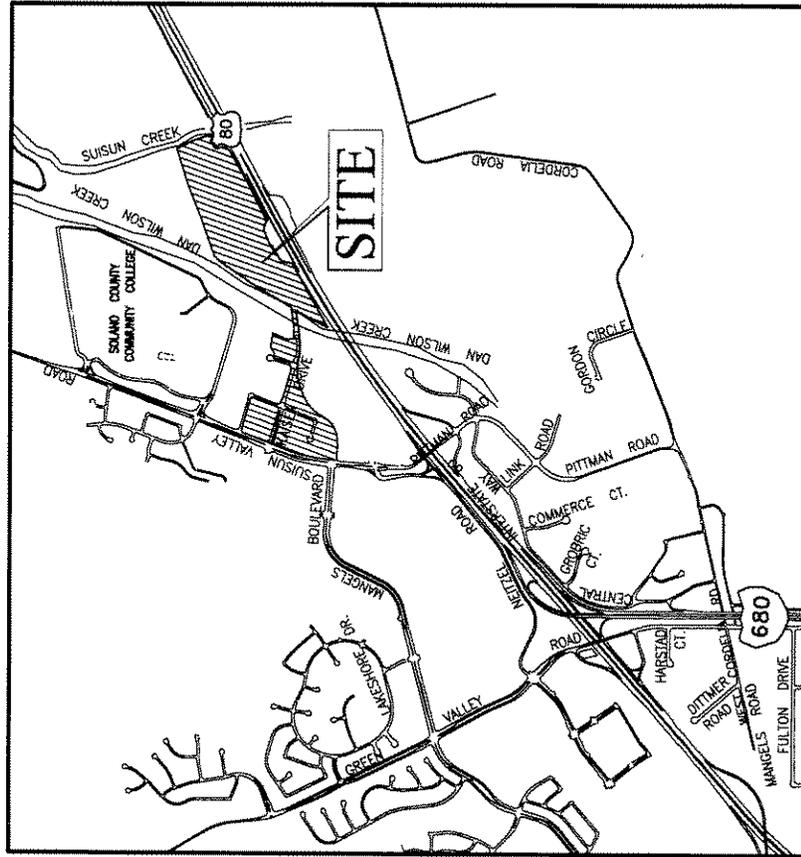
**National Historic Preservation Act of 1966 (NHPA):** Based on a review of the draft EIR report prepared for the City of Fairfield for the Corporate Commons project dated April 2005, a total of six cultural resources were identified in the project area. The resources consisted of two isolated prehistoric artifacts, a historic can scatter, a historic catchment basin, the Neitzel Farm (seven buildings and structures) and a sparse accumulation of buried historic artifacts along Dan Wilson Creek. Also, representatives of the Native American Heritage Commission (NAHC) have expressed concern about the projects potential to affect Native American Resources as characteristics of the project site are similar to the nearby Greenville area.

**4. PUBLIC INTEREST EVALUATION:** The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impact, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits that reasonably may be expected to accrue from the proposed activity must be balanced against its reasonably foreseeable detriments. All factors that may be relevant to the proposal will be considered, including its cumulative effects. Among those factors are: conservation,

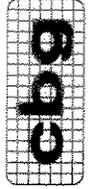
economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

**5. CONSIDERATION OF COMMENTS:** The Corps of Engineers is soliciting comments from the public, Federal, State and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest in the proposed activity.

**6. SUBMISSION OF COMMENTS:** Interested parties may submit, in writing, any comments concerning this activity. Comments should include the applicant's name and the number and the date of this Public Notice, and should be forwarded so as to reach this office within the comment period specified on Page 1. Comments should be sent to the U.S. Army Corps of Engineers, San Francisco District, Regulatory Branch, 333 Market Street, San Francisco, California 94105-2197. It is the Corps' policy to forward any such comments that include objections to the applicant for resolution or rebuttal. Any person may also request, in writing, within the comment period of this Public Notice that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Additional details may be obtained by contacting the applicant whose name and address are indicated in the first paragraph of this Public Notice or by contacting Elizabeth Dyer of our office at telephone 415-977-8451 or E-mail: [Elizabeth.Dyer@spd02.usace.army.mil](mailto:Elizabeth.Dyer@spd02.usace.army.mil). Details on any changes of a minor nature that are made in the final permit action will be provided upon request.

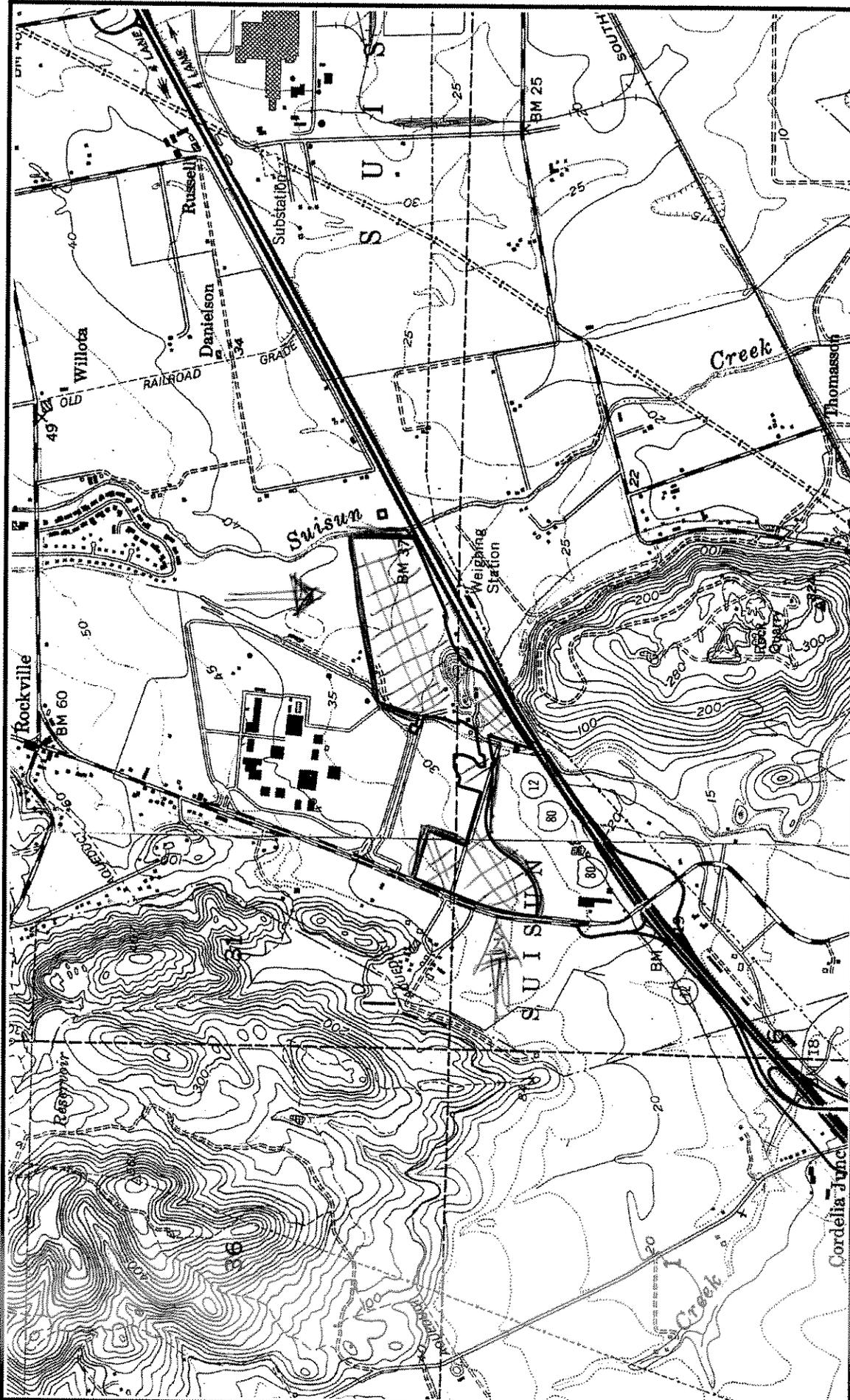


PURPOSE: Wetland Impacts Map  
 DATUM: NGVD  
 DATE: APRIL 2006  
 Carlson, Barbee  
 & Gibson, Inc.  
 CIVIL ENGINEERS • SURVEYORS • PLANNERS



**FIG. 1**  
**VICINITY MAP**  
**FAIRFIELD CORPORATE COMMONS**  
 NOT TO SCALE  
 Garaventa Enterprises  
 P.O. Box 5397  
 Concord, CA 94524-0397

NEAR: Northeast of the Intersection of Suisun  
 Valley Road and Interstate 80  
 COUNTY OF: Solano  
 APPLICATION BY: Mosaic Associates LLC  
 2310 San Pablo Avenue, Suite 202  
 Pinole, CA 94564

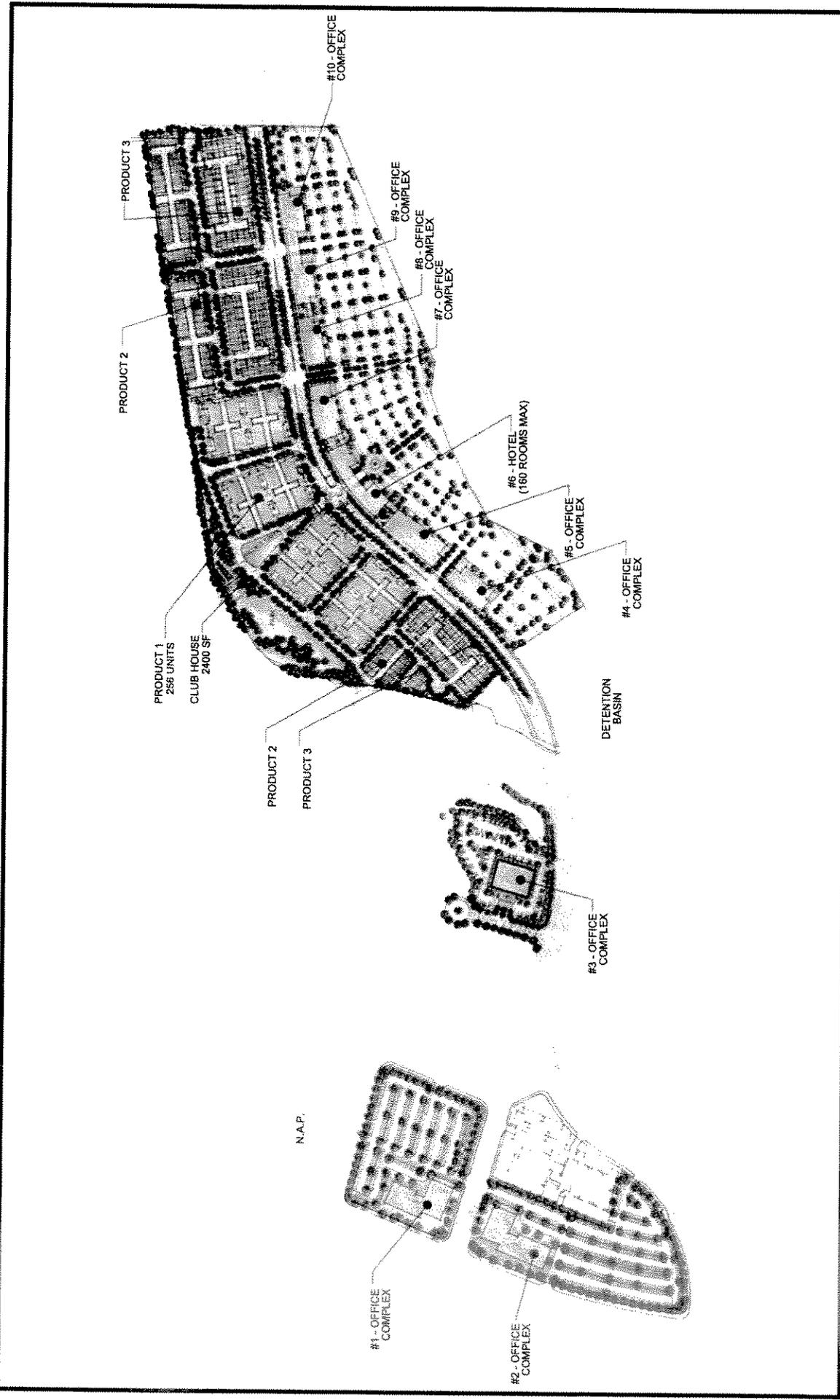


PURPOSE: Wetland Impacts Map  
 DATUM: NGVD    DATE: APRIL 2006  

 CIVIL ENGINEERS • SURVEYORS • PLANNERS  
 Carlson, Barbee  
 & Gibson, Inc.

**FIG. 2**    USGS QUAD MAPS  
 FAIRFIELD CORPORATE COMMONS  
 CORDELIA QUADRANGLE & FAIRFIELD SOUTH QUADRANGLE  
 Garaventa Enterprises  
 P.O. Box 5397  
 Concord, CA 94524-0397

NEAR: Northeast of the Intersection of Suisun  
 Valley Road and Interstate 80  
 COUNTY OF: Solano  
 APPLICATION BY: Mosaic Associates LLC  
 2310 San Pablo Avenue, Suite 202  
 Pinole, CA 94564

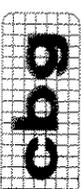


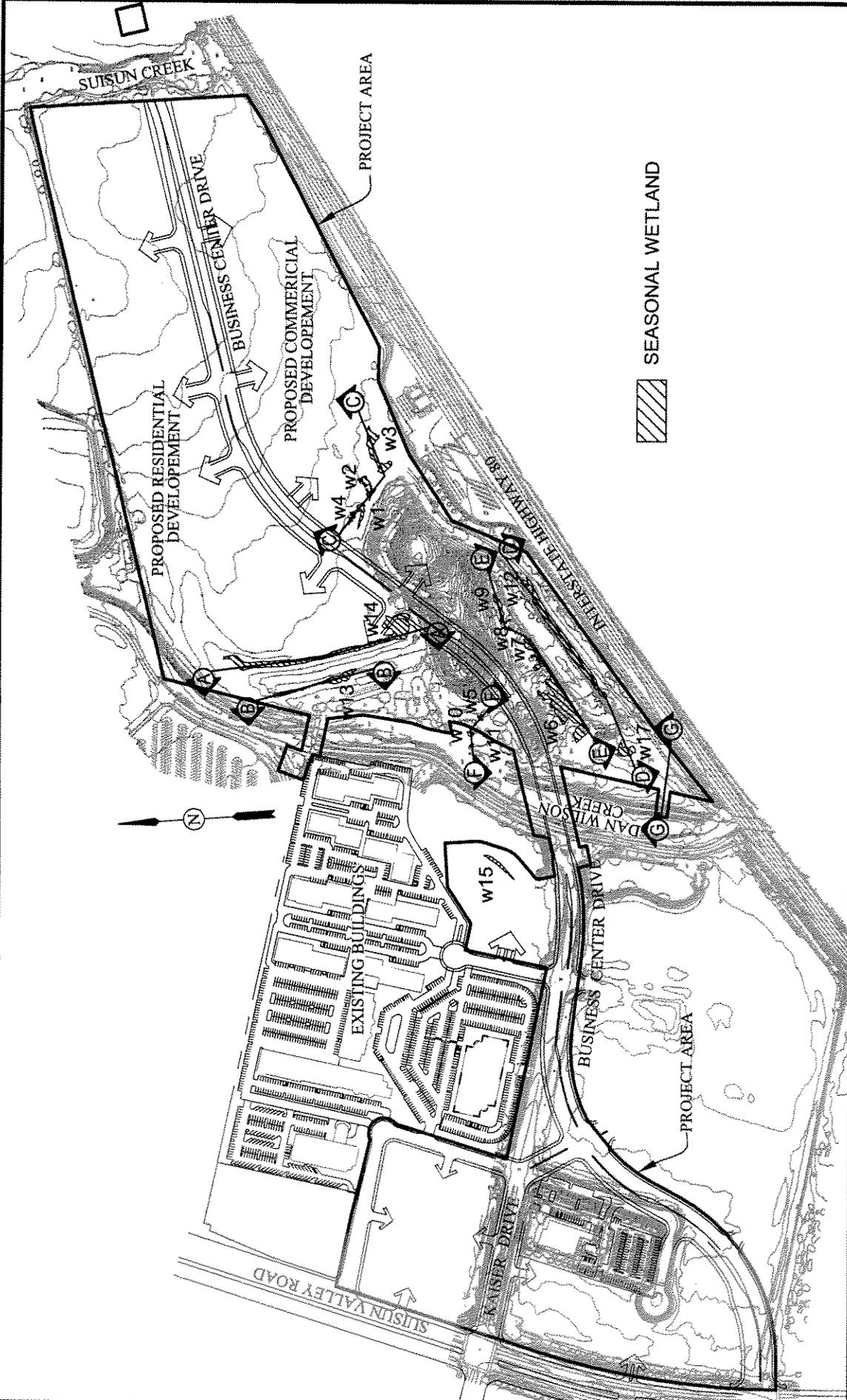
NEAR: Northeast of the Intersection of Suisun Valley Road and Interstate 80  
 COUNTY OF: Solano  
 APPLICATION BY: Mosaic Associates LLC  
 2310 San Pablo Avenue, Suite 202  
 Pinole, CA 94564

**FIG. 3 COLORED SITE PLAN  
 FAIRFIELD CORPORATE COMMONS**

Garaventa Enterprises  
 P.O. Box 5397  
 Concord, CA 94524-0397

PURPOSE: Wetland Impacts Map  
 DATUM: NGVD DATE: APRIL 2006  
**Carlson, Barbee & Gibson, Inc.**  
 CIVIL ENGINEERS • SURVEYORS • PLANNERS

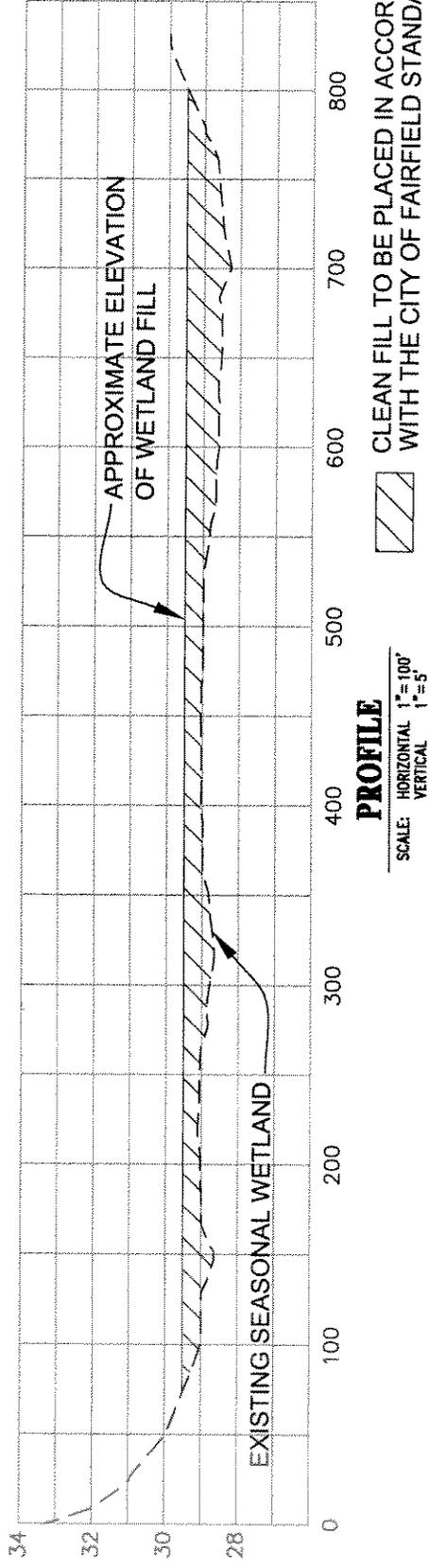
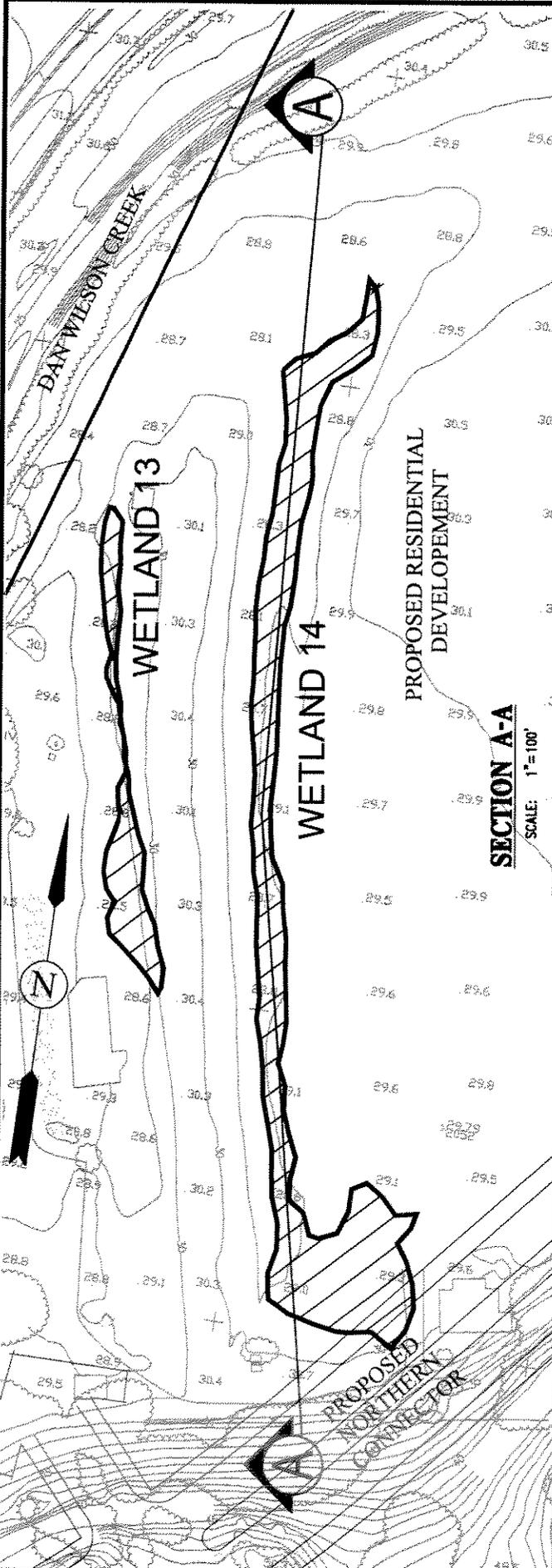




PURPOSE: Wetland Impacts Map  
 DATUM: NGVD DATE: APRIL 2006  
  
 Carlsson, Barbee & Gibson, Inc.  
 CIVIL ENGINEERS • SURVEYORS • PLANNERS

**FIG. 4 WETLAND IMPACTS MAP**  
**FAIRFIELD CORPORATE COMMONS**  
 SCALE 1" = 500'  
 Garaventa Enterprises  
 P.O. Box 5397  
 Concord, CA 94524-0397

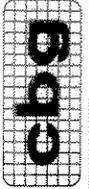
NEAR: Northeast of the Intersection of Suisun Valley Road and Interstate 80  
 COUNTY OF: Solano  
 APPLICATION BY: Mosaic Associates LLC  
 2310 San Pablo Avenue, Suite 202  
 Pinole, CA 94564

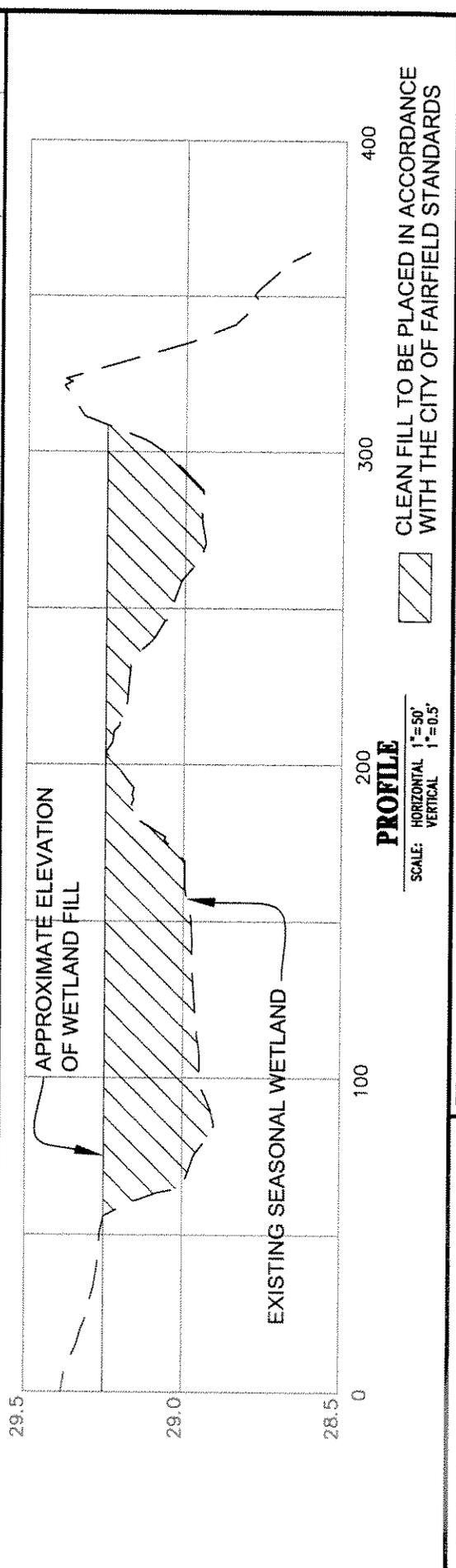
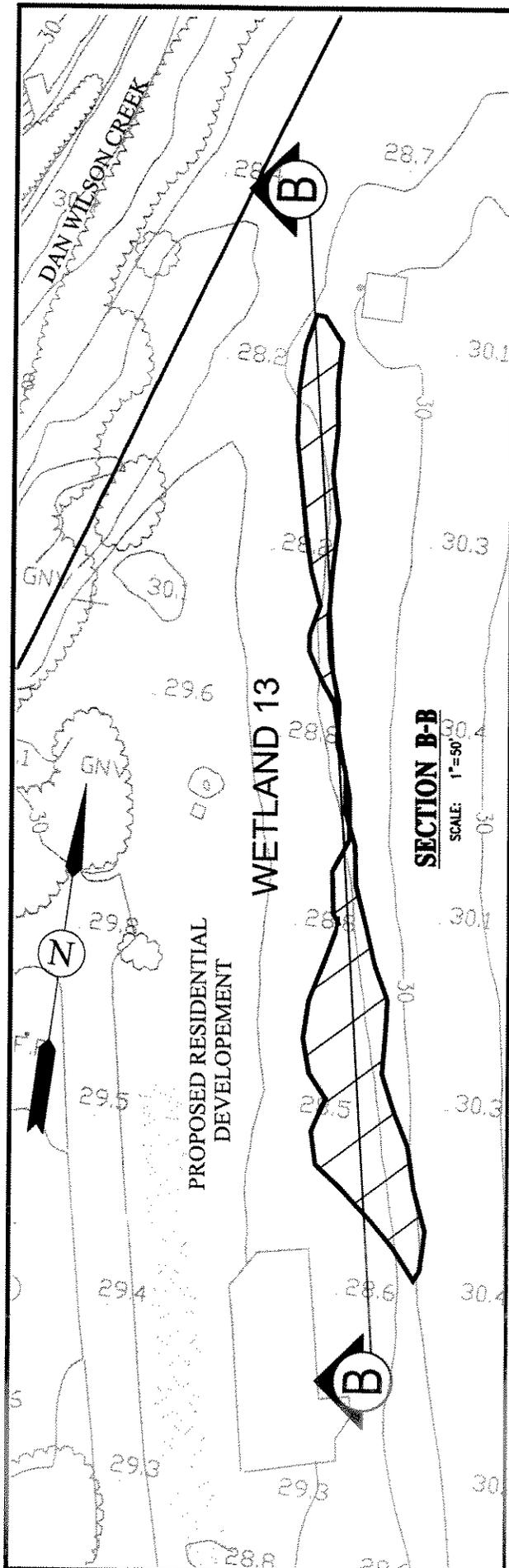


NEAR: Northeast of the Intersection of Suisun Valley Road and Interstate 80  
 COUNTY OF: Solano  
 APPLICATION BY: Mosaic Associates LLC  
 2310 San Pablo Avenue, Suite 202  
 Pinole, CA 94564

**FIG. 5 WETLAND IMPACTS MAP**  
**FAIRFIELD CORPORATE COMMONS**

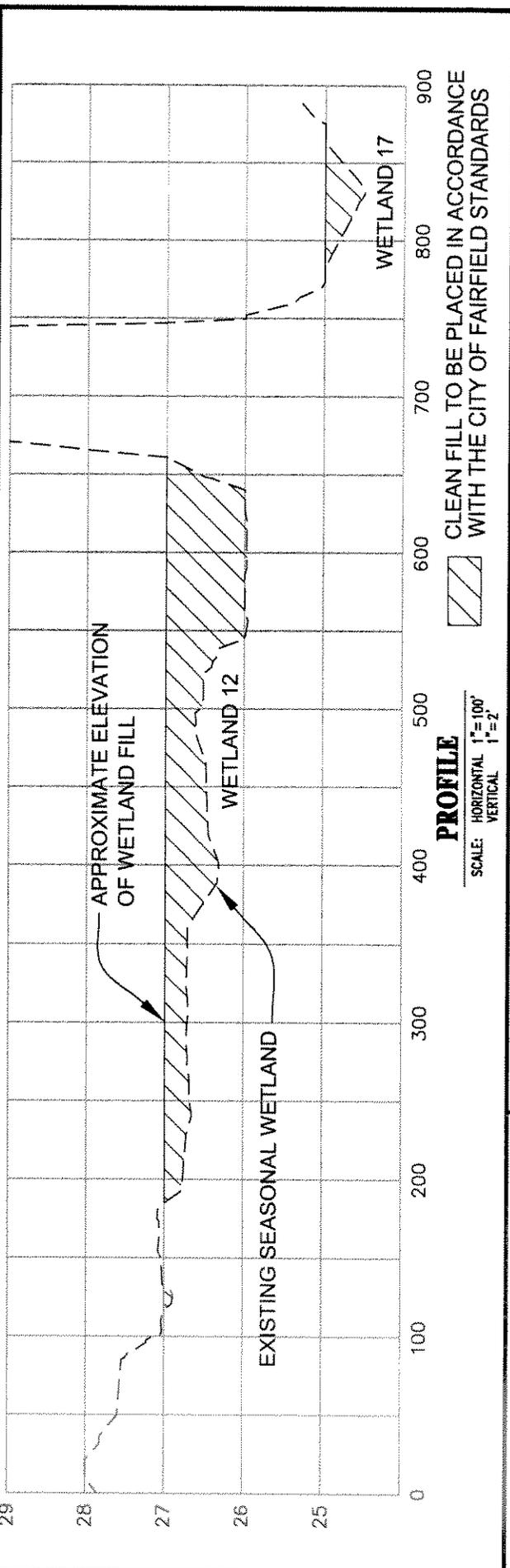
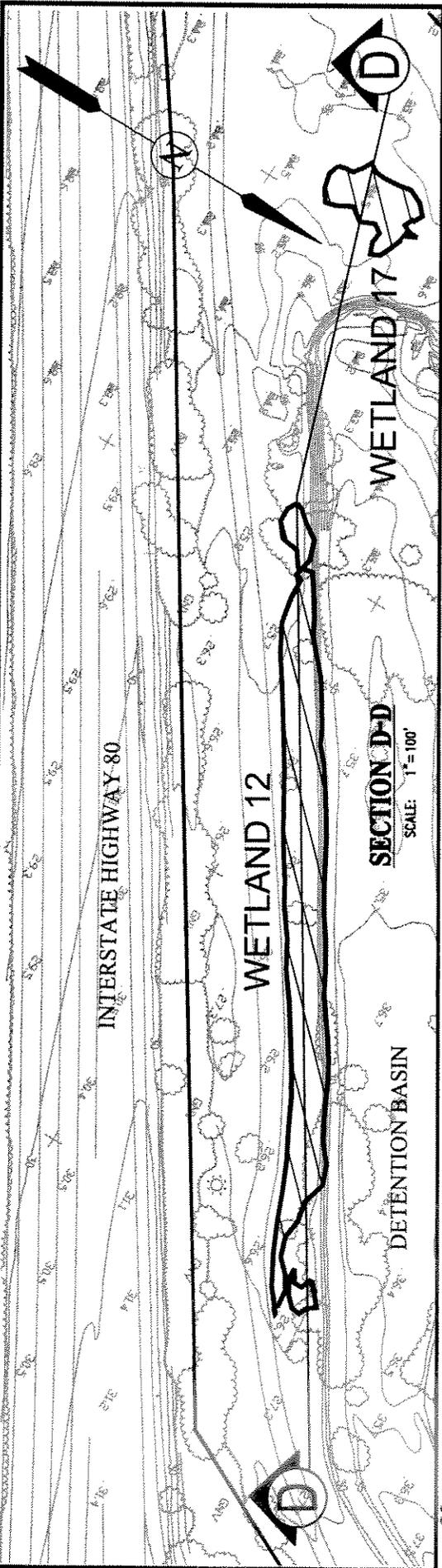
PURPOSE: Wetland Impacts Map  
 DATUM: NGVD DATE: APRIL 2006  
 Carlsson, Barbee & Gibson, Inc.  
 CIVIL ENGINEERS • SURVEYORS • PLANNERS



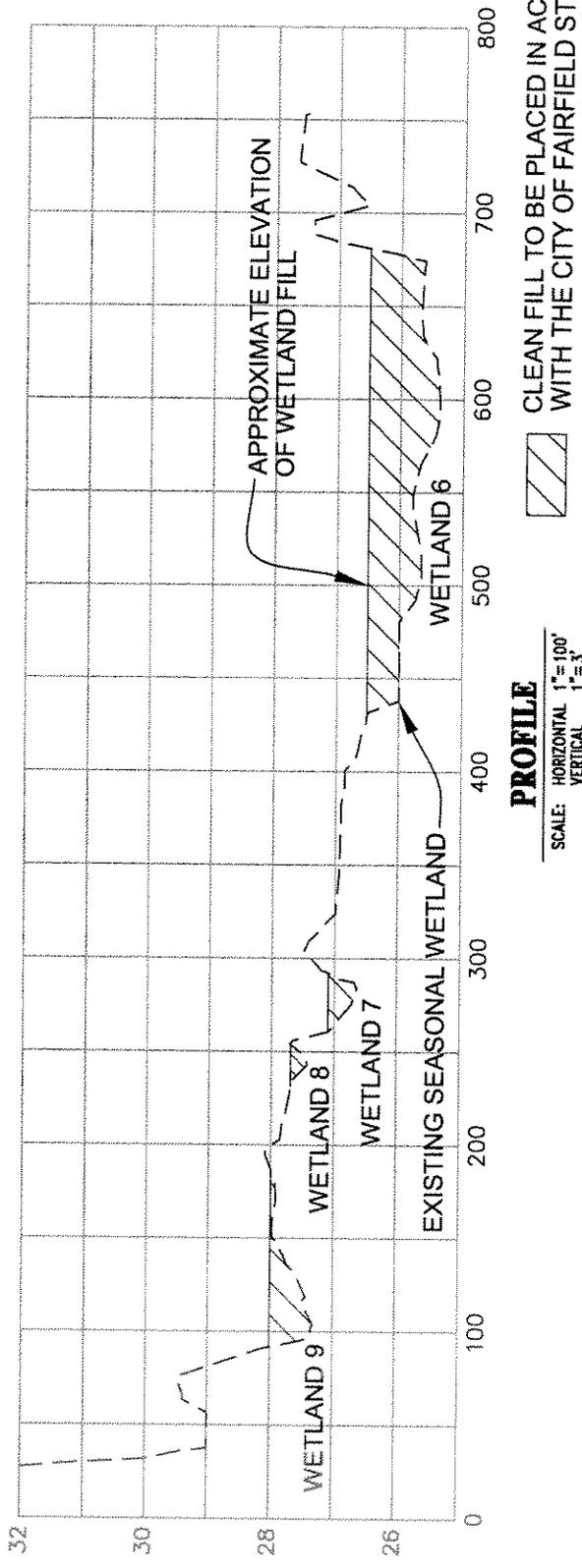
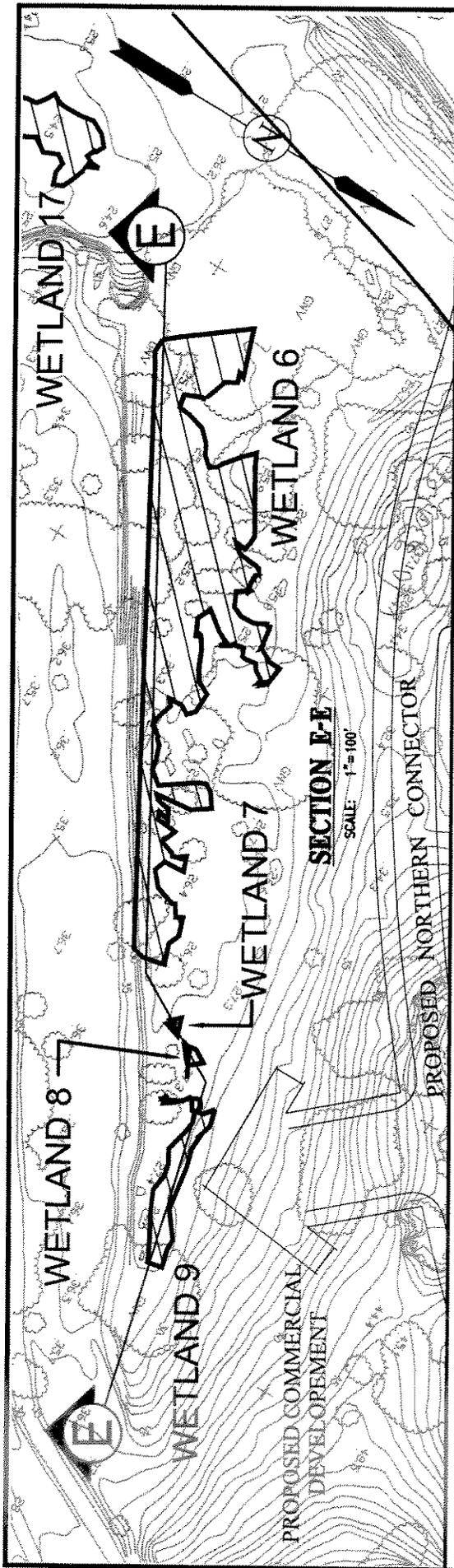


<p><b>PURPOSE:</b> Wetland Impacts Map <b>DATUM:</b> NGVD <b>DATE:</b> APRIL 2006</p> <p><b>Carlson, Barbee &amp; Gibson, Inc.</b> CIVIL ENGINEERS • SURVEYORS • PLANNERS</p>	<p><b>FIG. 6 WETLAND IMPACTS MAP</b> <b>FAIRFIELD CORPORATE COMMONS</b></p>	<p><b>NEAR:</b> Northeast of the Intersection of Suisun Valley Road and Interstate 80 <b>COUNTY OF:</b> Solano <b>APPLICATION BY:</b> Mosaic Associates LLC 2310 San Pablo Avenue, Suite 202 Pinole, CA 94564</p>
---	---	---



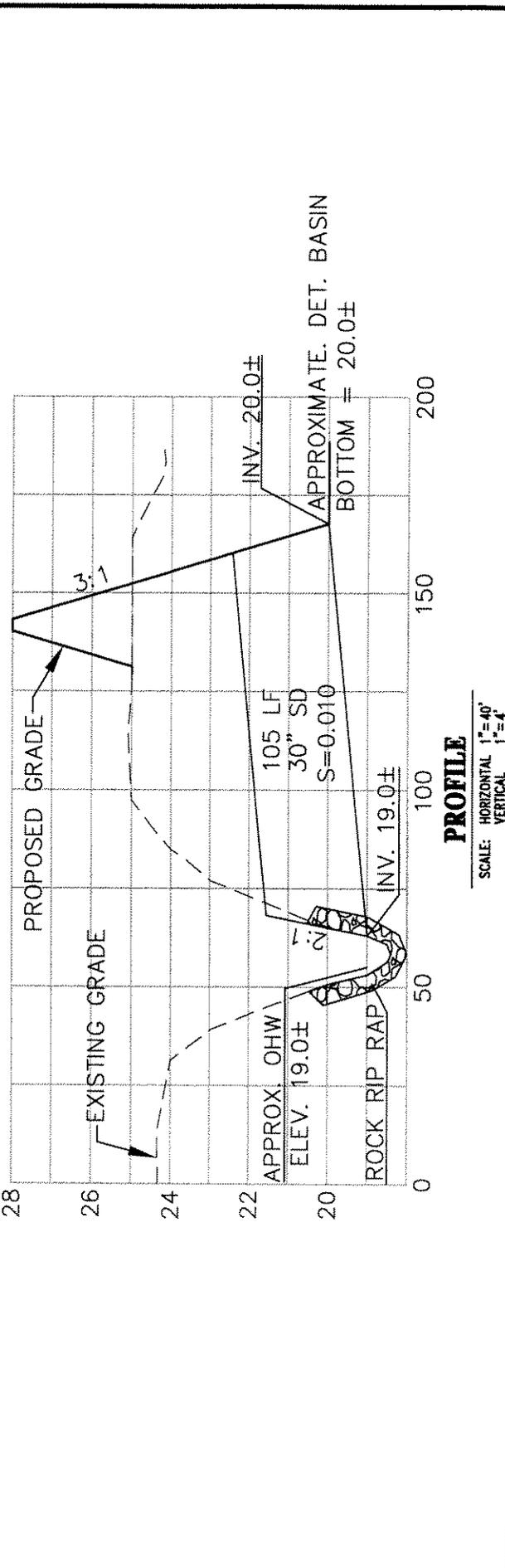
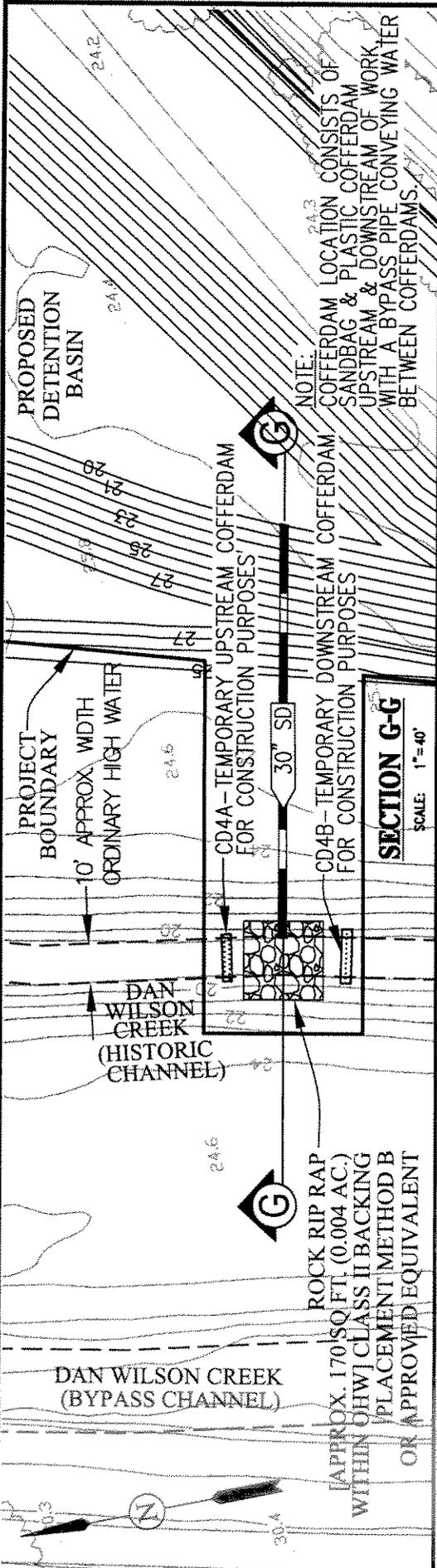


<p><b>FIG. 8 WETLAND IMPACTS MAP</b> FAIRFIELD CORPORATE COMMONS</p> <p>Garaventa Enterprises P.O. Box 5397 Concord, CA 94524-0397</p>	<p>NEAR: Northeast of the Intersection of Suisun Valley Road and Interstate 80 COUNTY OF: Solano APPLICATION BY: Mosaic Associates LLC 2310 San Pablo Avenue, Suite 202 Pinole, CA 94564</p>
<p>PURPOSE: Wetland Impacts Map DATUM: NGVD DATE: APRIL 2006</p> <p><b>cbg</b> CIVIL ENGINEERS • SURVEYORS • PLANNERS</p> <p>Carlson, Barbee &amp; Gibson, Inc.</p>	<p>611318ACAD\EXHIBITS\WETLAND\PERMIT-X-SECT-DD.DWG</p>



<p><b>PURPOSE:</b> Wetland Impacts Map <b>DATUM:</b> NGVD <b>DATE:</b> APRIL 2006</p> <p><b>Carlson, Barbee &amp; Gibson, Inc.</b> CIVIL ENGINEERS • SURVEYORS • PLANNERS</p>	<p><b>FIG. 9 WETLAND IMPACTS MAP</b> <b>FAIRFIELD CORPORATE COMMONS</b></p> <p>Garaventa Enterprises P.O. Box 6397 Concord, CA 94524-0397</p>	<p><b>NEAR:</b> Northeast of the Intersection of Suisun Valley Road and Interstate 80 <b>COUNTY OF:</b> Solano <b>APPLICATION BY:</b> Mosaic Associates LLC 2310 San Pablo Avenue, Suite 202 Pinole, CA 94564</p>
---	---	---



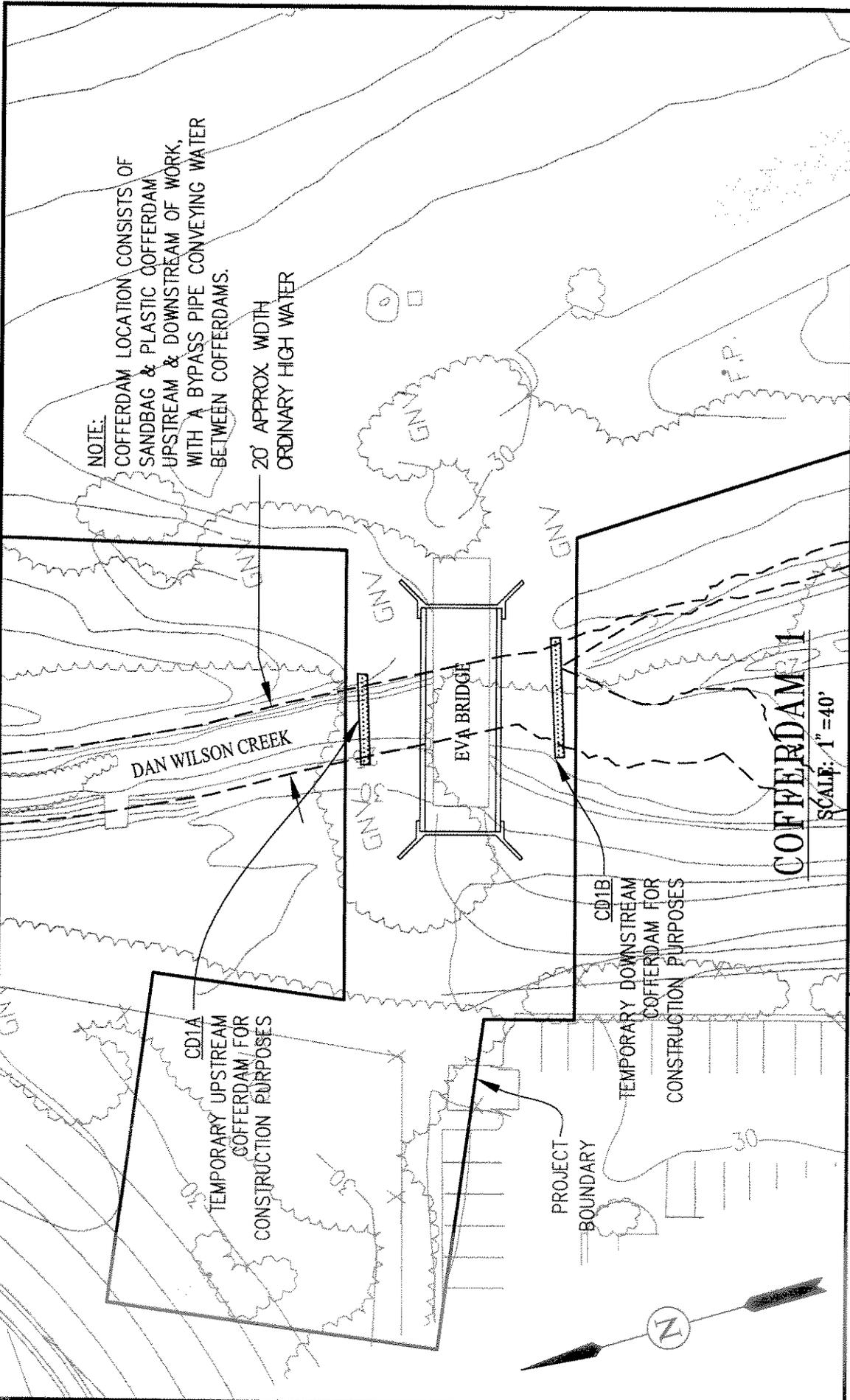


**FIG. 11 WETLAND IMPACTS MAP**  
**FAIRFIELD CORPORATE COMMONS**  
**30" STORM DRAIN**  
Garaventa Enterprises  
P.O. Box 5397  
Concord, CA 94524-0397

**FIG. 11 WETLAND IMPACTS MAP**  
**FAIRFIELD CORPORATE COMMONS**  
**30" STORM DRAIN**  
Garaventa Enterprises  
P.O. Box 5397  
Concord, CA 94524-0397

PURPOSE: Wetland Impacts Map  
DATE: APRIL 2006  
DATUM: NGVD  
Carlson, Barbee & Gibson, Inc.  
CIVIL ENGINEERS • SURVEYORS • PLANNERS

NEAR: Northeast of the intersection of Suisun Valley Road and Interstate 80  
COUNTY OF: Solano  
APPLICATION BY: Mosaic Associates LLC  
2310 San Pablo Avenue, Suite 202  
Pinole, CA 94564



NEAR: Northeast of the Intersection of Suisun Valley Road and Interstate 80  
 COUNTY OF: Solano  
 APPLICATION BY: Mosaic Associates LLC  
 2310 San Pablo Avenue, Suite 202  
 Pinole, CA 94564

**FIG. CD1 WETLAND IMPACTS MAP**  
**FAIRFIELD CORPORATE COMMONS**

Garaventa Enterprises  
 P.O. Box 5397  
 Concord, CA 94524-0397

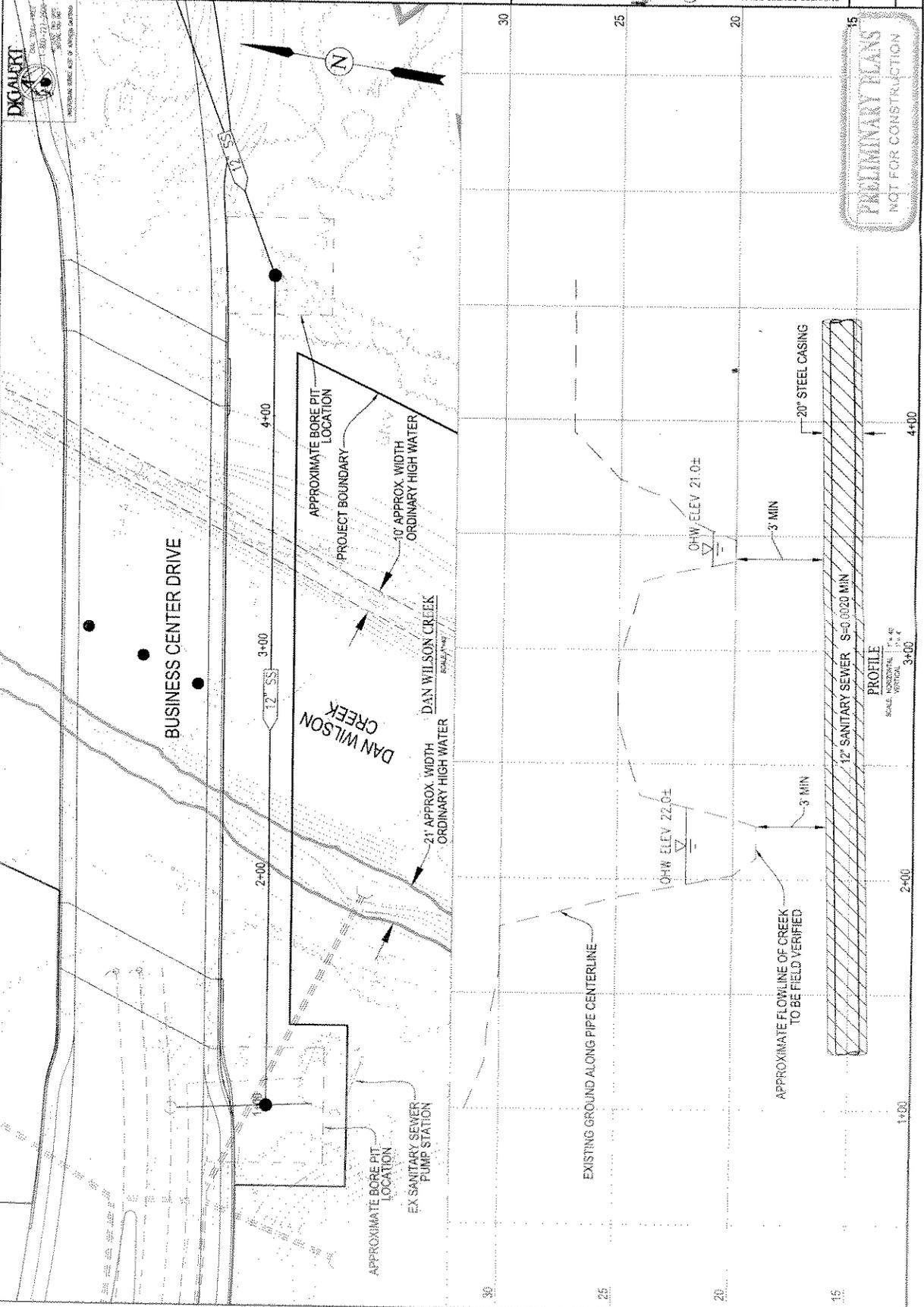
Fig 12

PURPOSE: Wetland Impacts Map  
 DATUM: NGVD DATE: APRIL 2006  
 Carlson, Barbee & Gibson, Inc.  
 CIVIL ENGINEERS • SURVEYORS • PLANNERS

**cba**







PRELIMINARY PLANS  
 NOT FOR CONSTRUCTION

DATE	REVISION
MARCH 2008	
DESIGNED BY	
CHECKED BY	
PROJECT NUMBER	
ADP	
DATE	

Carlson, Barbee & Gibson, Inc.  
 2827 Camino Pinerose, Suite 102 • San Rafael, CA 94901  
 (415) 452-1100 • Fax (415) 452-1101  
 www.carlsonbarbee.com  
 CIVIL ENGINEERS • SURVEYORS • PLANNERS

CITY OF FAIRFIELD  
 SOLANO COUNTY  
 12" SEWER LINE BORE & JACK DAN WILSON CREEK  
 BUSINESS CENTER DRIVE  
 SHEET NUMBER 3 OF 3  
 JOB NUMBER 1318100

SCALE: HORIZONTAL 1" = 40'  
 VERTICAL 1" = 4'  
 3+00

12" SANITARY SEWER S=0.0020 MIN  
 20" STEEL CASING  
 OHW ELEV 21.0±  
 3' MIN

APPROXIMATE FLOWLINE OF CREEK TO BE FIELD VERIFIED  
 OHW ELEV 22.0±  
 3' MIN

EXISTING GROUND ALONG PIPE CENTERLINE  
 1+00 2+00 3+00 4+00

APPROXIMATE BORE PIT LOCATION  
 APPROXIMATE BORE PIT LOCATION  
 10' APPROX. WIDTH ORDINARY HIGH WATER  
 21' APPROX. WIDTH ORDINARY HIGH WATER  
 DAN WILSON CREEK  
 EX SANITARY SEWER PUMP STATION  
 APPROXIMATE BORE PIT LOCATION

BUSINESS CENTER DRIVE  
 DAN WILSON CREEK  
 PROJECT BOUNDARY  
 APPROXIMATE BORE PIT LOCATION  
 10' APPROX. WIDTH ORDINARY HIGH WATER  
 21' APPROX. WIDTH ORDINARY HIGH WATER  
 DAN WILSON CREEK  
 EX SANITARY SEWER PUMP STATION  
 APPROXIMATE BORE PIT LOCATION  
 EXISTING GROUND ALONG PIPE CENTERLINE  
 APPROXIMATE FLOWLINE OF CREEK TO BE FIELD VERIFIED  
 12" SANITARY SEWER S=0.0020 MIN  
 20" STEEL CASING  
 OHW ELEV 21.0±  
 OHW ELEV 22.0±  
 3' MIN  
 3' MIN  
 1+00 2+00 3+00 4+00

SCALE: HORIZONTAL 1" = 40'  
 VERTICAL 1" = 4'  
 3+00

CITY OF FAIRFIELD  
 SOLANO COUNTY  
 12" SEWER LINE BORE & JACK DAN WILSON CREEK  
 BUSINESS CENTER DRIVE  
 SHEET NUMBER 3 OF 3  
 JOB NUMBER 1318100

Carlson, Barbee & Gibson, Inc.  
 2827 Camino Pinerose, Suite 102 • San Rafael, CA 94901  
 (415) 452-1100 • Fax (415) 452-1101  
 www.carlsonbarbee.com  
 CIVIL ENGINEERS • SURVEYORS • PLANNERS

DATE  
 REVISION  
 MARCH 2008  
 DESIGNED BY  
 CHECKED BY  
 PROJECT NUMBER  
 ADP  
 DATE

BUSINESS CENTER DRIVE  
 DAN WILSON CREEK  
 PROJECT BOUNDARY  
 APPROXIMATE BORE PIT LOCATION  
 10' APPROX. WIDTH ORDINARY HIGH WATER  
 21' APPROX. WIDTH ORDINARY HIGH WATER  
 DAN WILSON CREEK  
 EX SANITARY SEWER PUMP STATION  
 APPROXIMATE BORE PIT LOCATION  
 EXISTING GROUND ALONG PIPE CENTERLINE  
 APPROXIMATE FLOWLINE OF CREEK TO BE FIELD VERIFIED  
 12" SANITARY SEWER S=0.0020 MIN  
 20" STEEL CASING  
 OHW ELEV 21.0±  
 OHW ELEV 22.0±  
 3' MIN  
 3' MIN  
 1+00 2+00 3+00 4+00

SCALE: HORIZONTAL 1" = 40'  
 VERTICAL 1" = 4'  
 3+00

CITY OF FAIRFIELD  
 SOLANO COUNTY  
 12" SEWER LINE BORE & JACK DAN WILSON CREEK  
 BUSINESS CENTER DRIVE  
 SHEET NUMBER 3 OF 3  
 JOB NUMBER 1318100