

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map preparatory should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where these Flood Elevations (FEs) and Floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that FFEs shown on the FIRM represent rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only to landward of 0.7 North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for the jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were compiled at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 11. The horizontal datum was NAD83 (GRS1980 spheroid). Differences in datum, reference, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1955 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NCS Information Services
 NCAL NKS012
 National Geodetic Survey
 SDCM-C-6202
 1315 East-West Highway
 Silver Spring, MD 20910-3202

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-2549, or visit its website at <http://www.ngs.noaa.gov/>.

Base map information shown on this FIRM was derived from USDA - Farm Service Agency - Aerial Photography Field Office dated 2005 and from USGS Coastal Survey Digital Orthophoto Quadrangles produced at a scale of 1:12,000 from photography dated 1993 or later.

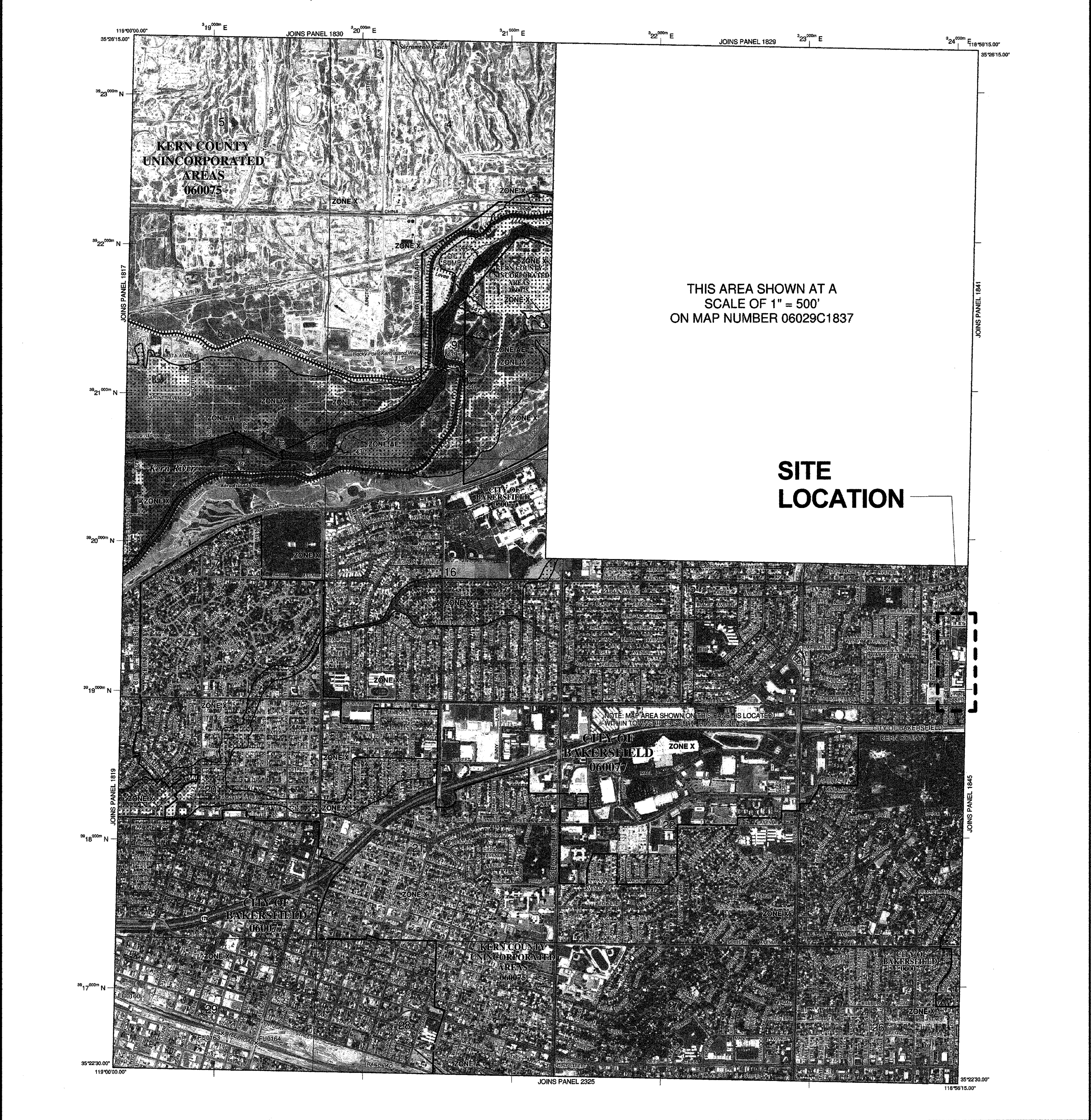
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contain authoritative hydraulic data) may reflect stream channel locations that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexation or de-annexations may have occurred after the map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map sheets, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program data for each community as well as a listing of the panels on which each community is located.

Contact the FEMA Map Service Center at 1-800-558-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by fax at 1-800-568-8620 and its website at <http://www.fema.gov/>.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP(1-877-356-2627) or visit the FEMA website at <http://www.fema.gov/>.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood) also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AO, AR, AV, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A
 No Base Flood Elevations determined.

ZONE AE
 Base Flood Elevations determined.

ZONE AO
 Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AR
 Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently determined to be inadequate. Zone AR indicates that the former flood control system is being removed in provide protection from the 1% annual chance or greater flood.

ZONE AV
 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V
 Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE
 Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The Floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X
 Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X
 Areas determined to be outside the 0.2% annual flood floodplain. Areas in which flood hazards are unmitigated, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary
 0.2% annual chance floodplain boundary
 Floodway boundary
 Zone boundary
 CBRS and OPA boundary
 Boundary defining Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
 Base Flood Elevation line and value; elevation in feet*
 (EL 887)
 Cross section line
 Traversed line
 Geographic coordinate referenced to the North American Datum of 1983 (NAD 83)
 1000-meter Universal Transverse Mercator grid (UTM) zone 11
 3000-foot grid (State Plane California North American Datum of 1983)
 Dashed line
 Bench mark (see explanation in Notes to Users section of this FIS report)
 River Mile
 River Mile

MAP REPOSITORIES
 Refer to Map Repository list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
 September 26, 2008

EFFECTIVE DATES OF REVISIONS TO THIS PANEL

For community map revision history prior to courthouse mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in the community, contact your insurance agent or call the National Flood Insurance Program at 1-800-558-9620.

MAP SCALE 1" = 1000'
 0 100 200 300 400 500 600 METERS

PANEL 1840E

FIRM FLOOD INSURANCE RATE MAP
KERN COUNTY, CALIFORNIA AND INCORPORATED AREAS

PANEL 1840 OF 4125
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

| COUNTY | COMMUNITY | NUMBER | PANEL | SUFFIX |
|---------------------|-----------|--------|-------|--------|
| KERN COUNTY | 060075 | 1840 | E | |
| BAKERSFIELD CITY OF | 060077 | 1840 | E | |

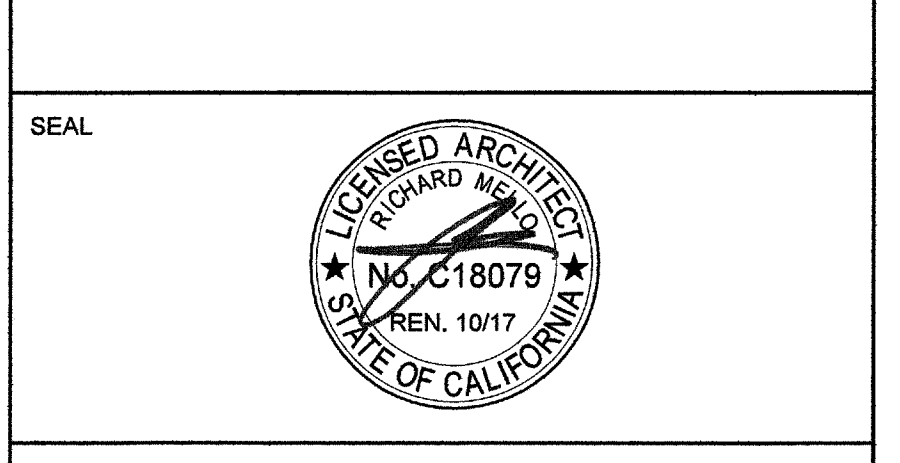
MAP NUMBER 06029C1840E
EFFECTIVE DATE SEPTEMBER 26, 2008

Federal Emergency Management Agency

PRIME CONSULTANT

IBI ARCHITECTURE PLANNING

San Luis Obispo
 4119 Broad Street, Suite 210
 San Luis Obispo, CA 93401
 805.546.0433 fax: 805.546.0504



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REVISIONS

| NO. | DATE | APPRD. | DESCRIPTION |
|-----|------|--------|-------------|
| | | | |

CONSULTANT

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-267
 FILE NO. 15-6

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

03118235
 AC FLS SP
 DATE JUL 1 2017

BAKERSFIELD CITY SCHOOL DISTRICT

CHIPMAN JR. HIGH, RELOCATABLES R13 & R14
 2905 EISSLER ST. BAKERSFIELD, CA 93306

OPSC or OSHPD PROJ. NO:

PROJECT NO: 17150/108623

DRAWN BY: rRr

CHK'D BY: RM

ISSUE DATE: 07/11/2017

SHEET TITLE

FLOOD ZONE MAP

SHEET NUMBER

G1100