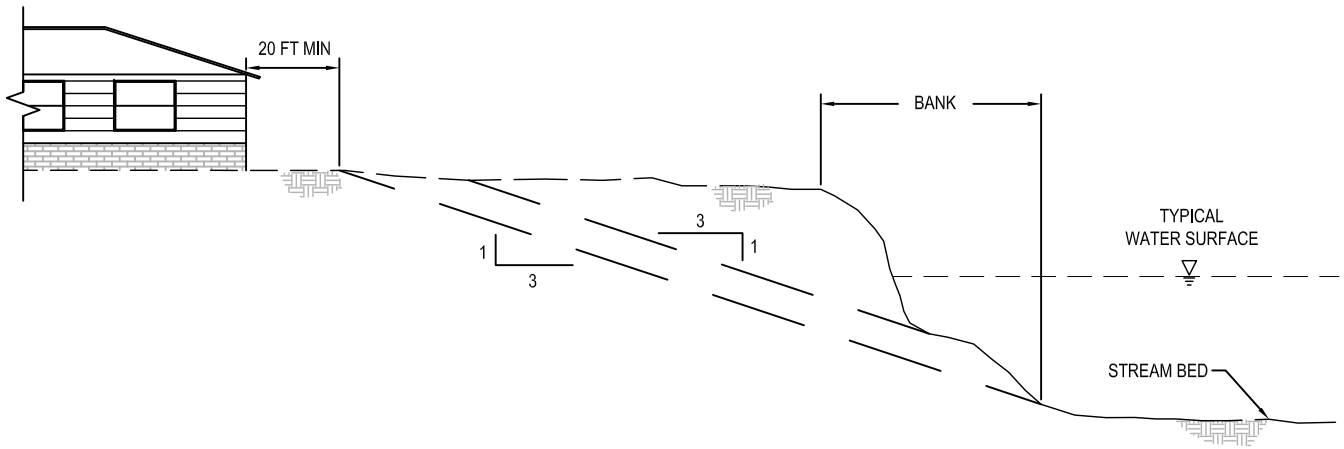
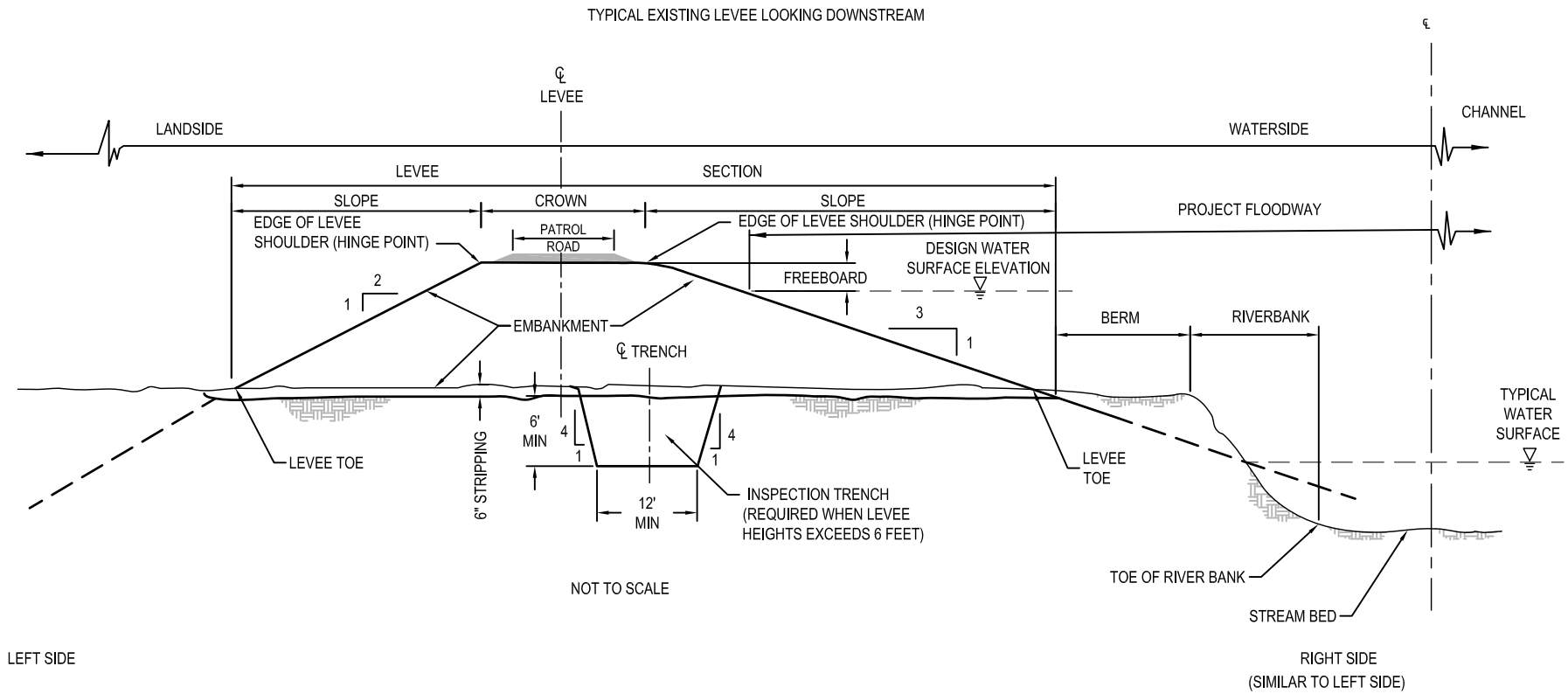
MINIMUM DISTANCE FOR DWELLING, STRUCTURE, OR MOBILE HOME FROM TOP OF BANK



TYPICAL SECTION

NOT TO SCALE

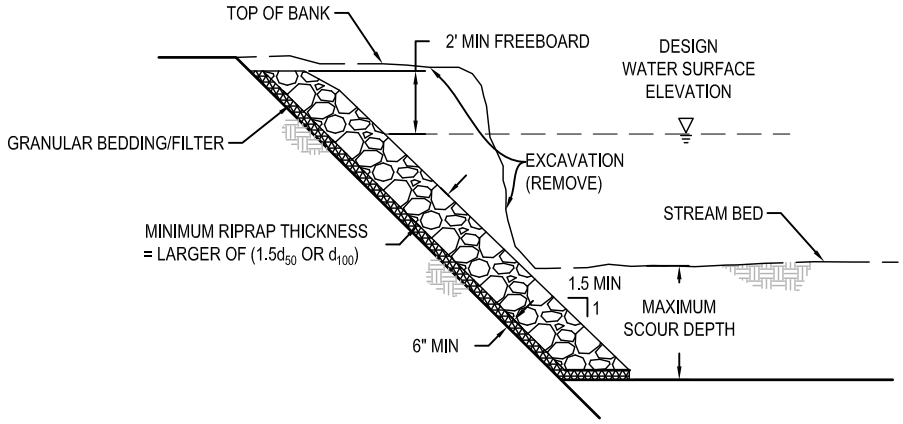
FIGURE 8.01



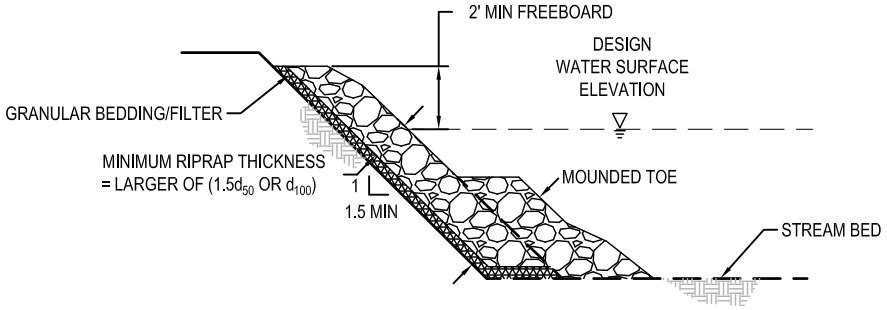
Item	TYPICAL MINIMUM DIMENSIONS OF EXISTING STANDARD LEVEE SECTIONS			
	Main River Channels	Major Tributaries	Minor Tributaries	Bypasses
Crown Width	20'	20'	12'	20'
Landside	1 on 2	1 on 2	1 on 2	1 on 2
Waterside	1 on 3	1 on 3	1 on 3	1 on 3 to 1 on 4
Freeboard	3'	3'	3'	4' to 6'
Patrol Road Width	12'	12'	10'	12'

FIGURE 8.02

EROSION CONTROL



RIPRAP REVETMENT WITH KEYED TOE
TYPICAL SECTION



RIPRAP REVETMENT WITH MOUNDED TOE
TYPICAL SECTION

FIGURE 8.03

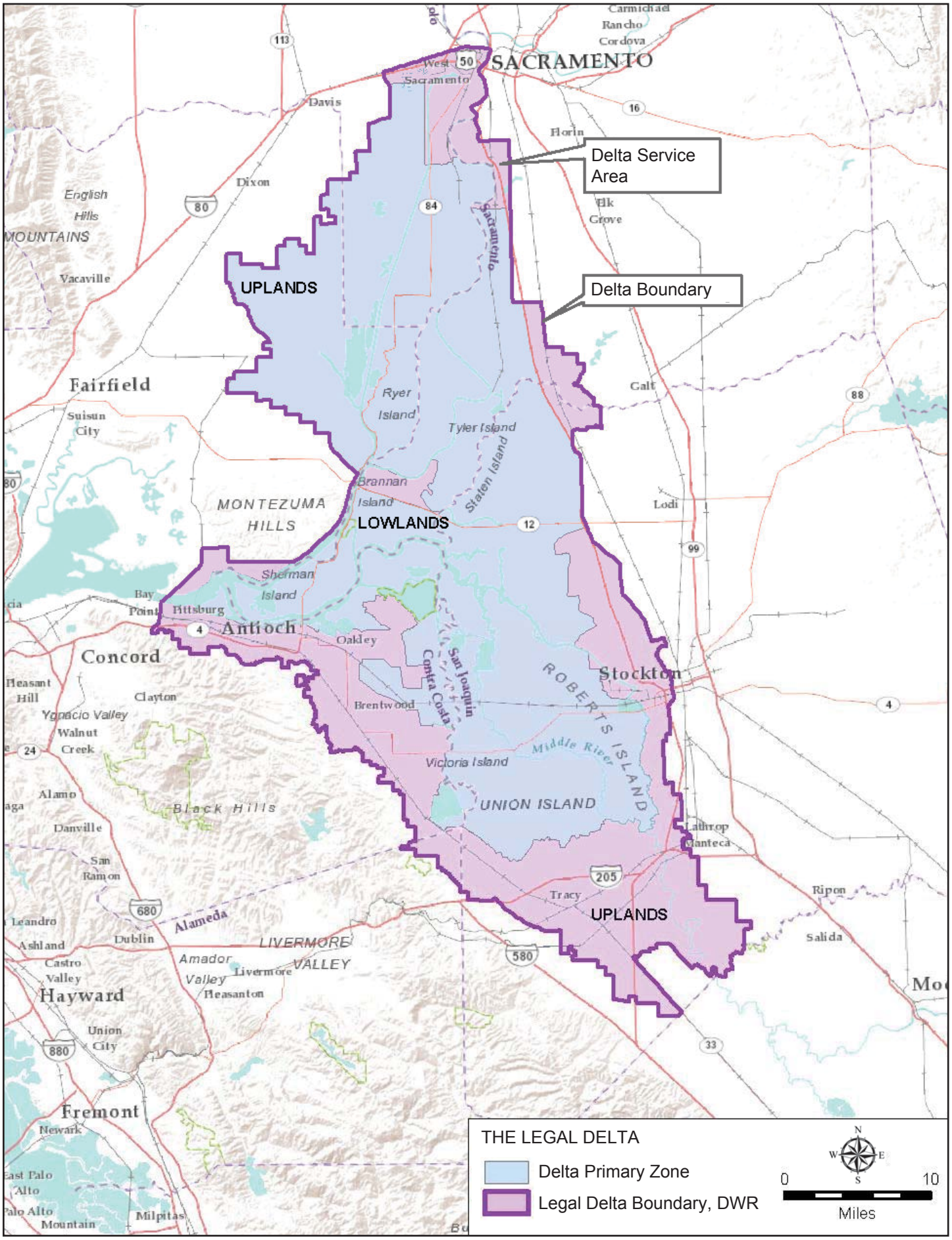
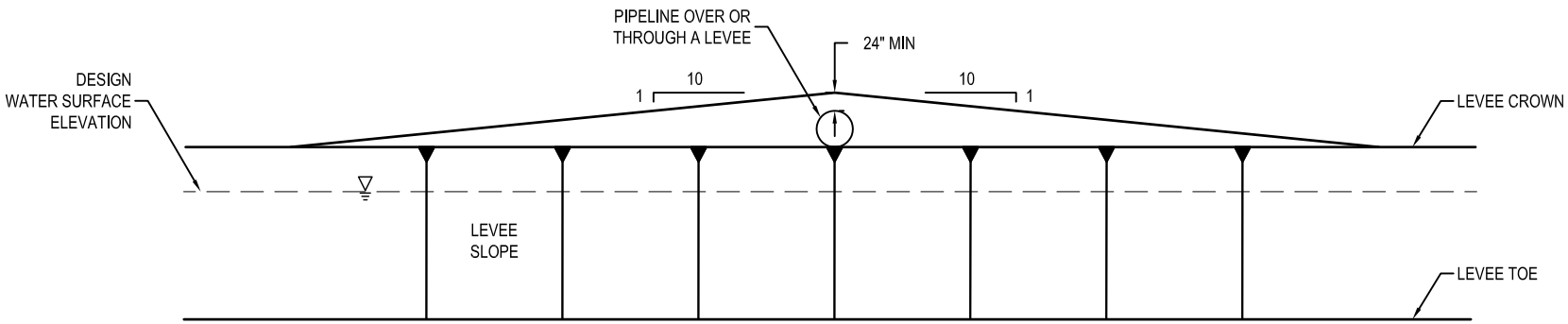
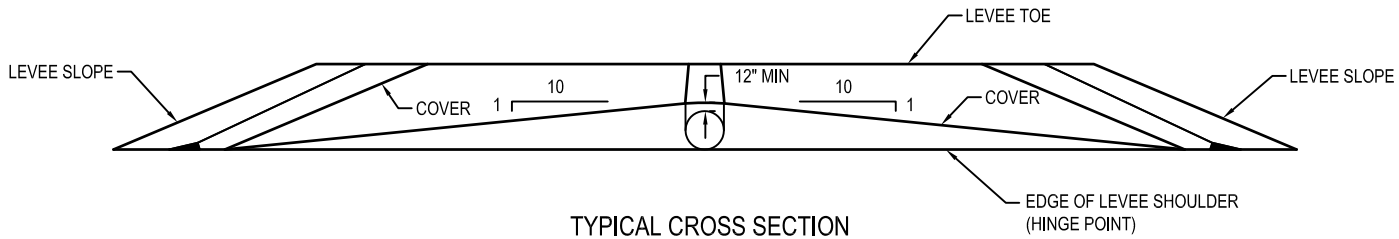

Delta Service Area
Delta Boundary
UPLANDS
LOWLANDS
UPLANDS
SACRAMENTO
West Sacramento
Carmichael
Rancho Cordova
Davis
Florin
Elk Grove
Dixon
English Hills
MOUNTAINS
Vacaville
Fairfield
Suisun City
Ryer Island
Tyler Island
Staten Island
Brannan Island
MONTEZUMA HILLS
Galt
Lodi
Sherman Island
Bay Point
Pittsburg
Antioch
Oakley
Concord
Pleasant Hill
Clayton
Ygnacio Valley
Walnut Creek
Brentwood
Contra Costa
San Joaquin
ROBERTS ISLAND
Stockton
Middle River
Victoria Island
UNION ISLAND
Alamo
Black Hills
Danville
San Ramon
Lathrop
Manteca
Tracy
Ripon
Salida
Leandro
Ashland
Dublin
Alameda
LIVERMORE VALLEY
Amador Valley
Livermore
Pleasanton
Castro Valley
Hayward
Union City
Fremont
Newark
East Palo Alto
Palo Alto
Mountain
Milpitas
THE LEGAL DELTA
Delta Primary Zone
Legal Delta Boundary, DWR
0
10
Miles
N
S
E
W

FIGURE 8.04



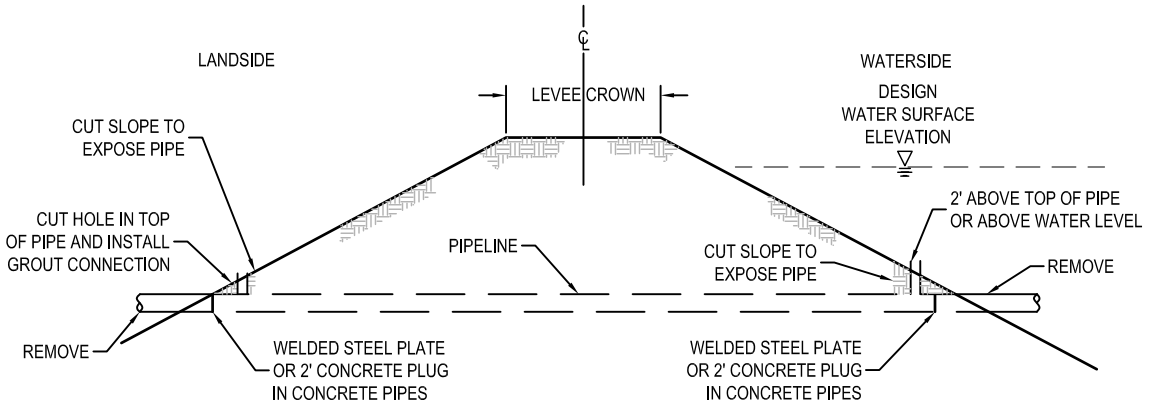
TYPICAL LEVEE PROFILE



TYPICAL CROSS SECTION
(ISOMETRIC) OF PIPELINE ON A LEVEE
SLOPE

FIGURE 8.05

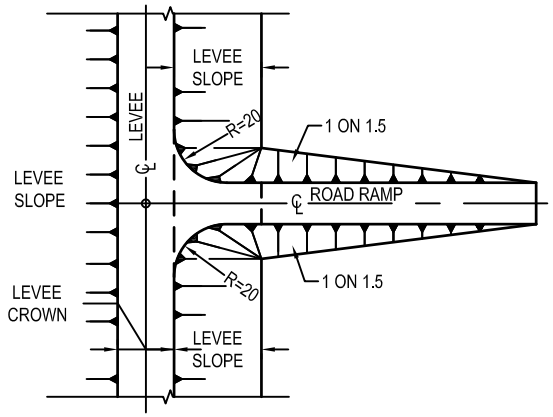
FILLING ABANDONED PIPES



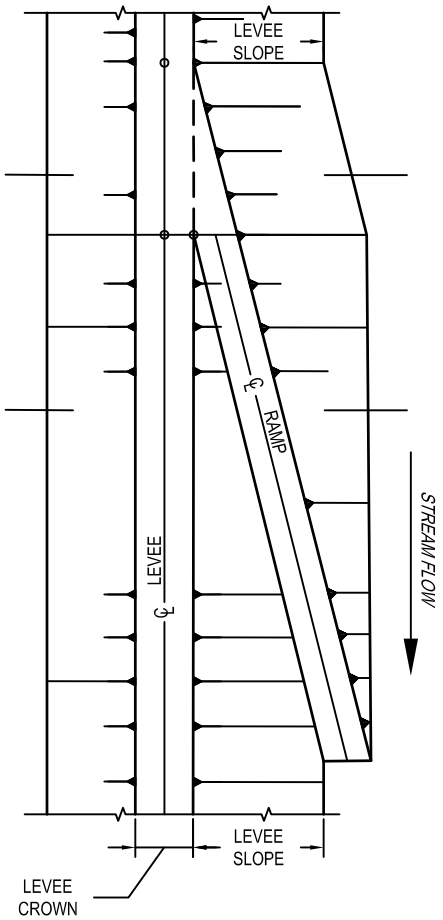
GROUTING OR CELLULAR CONCRETE FILL OF ABANDONED PIPES BELOW DESIGN WATER SURFACE ELEVATION

FIGURE 8.06

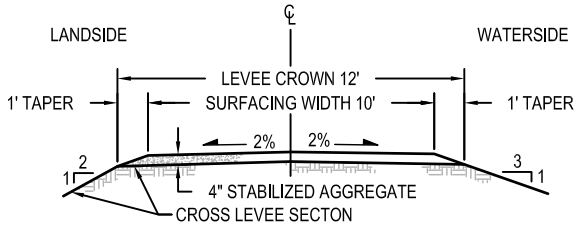
ACCESS RAMPS



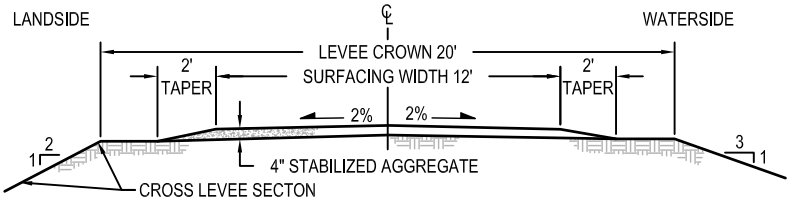
LANDSIDE ACCESS RAMP



WATERSIDE ACCESS RAMP



LEVEE SURFACING FOR 12' PATROL ROAD



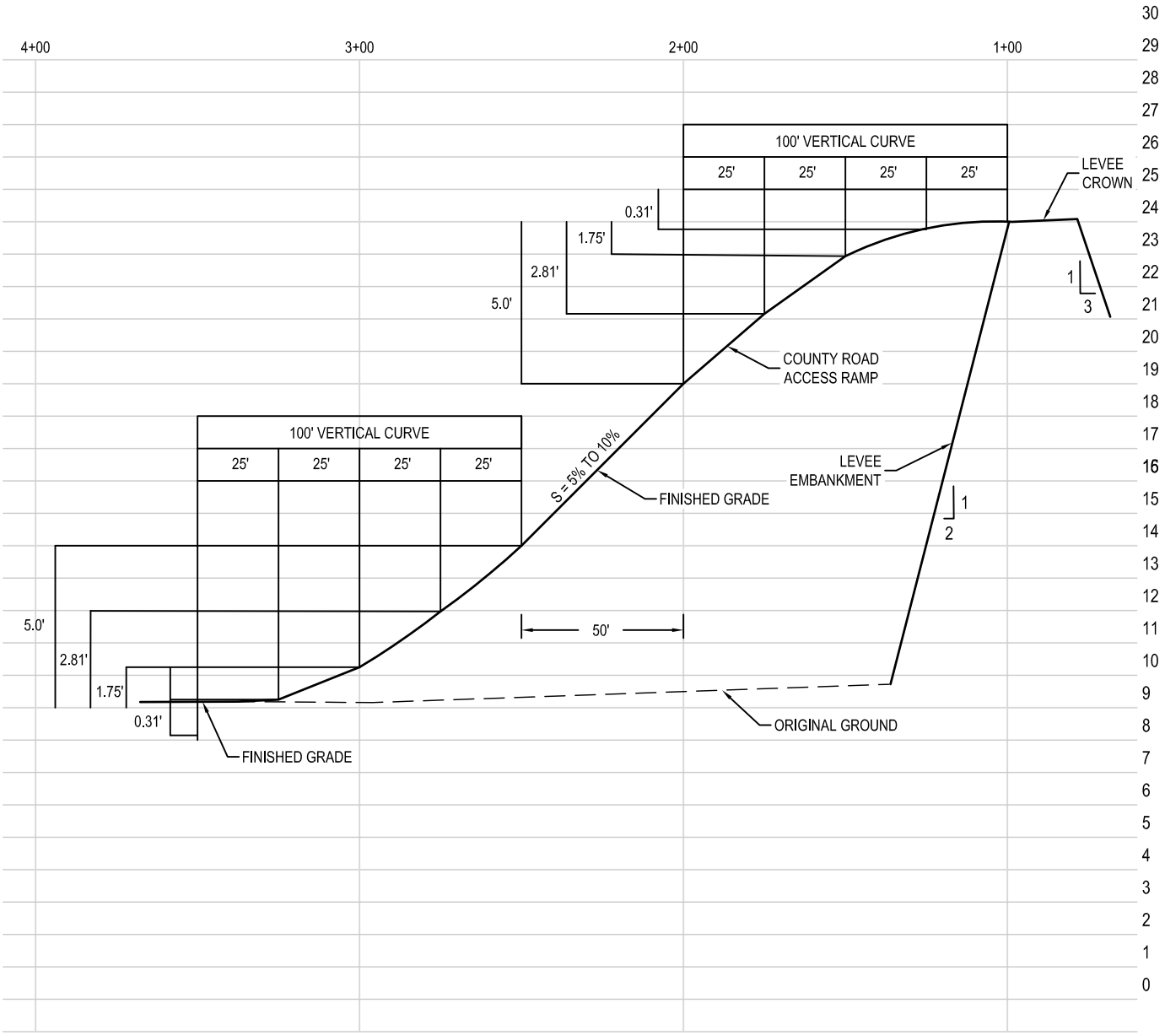
LEVEE SURFACING FOR 20' PATROL ROAD

1. VERTICAL CURVE AT TOP AND BOTTOM OF RAMP.
2. VERTICAL CURVE TO BE 100 FOOT RADIUS.
3. SLOPE OF RAMP TO BE A MINIMUM GRADE OF 5 PERCENT AND A MAXIMUM GRADE OF 10 PERCENT.
4. RAMP TO BE SURFACED WITH 4 INCHES OF CLASS 2 AGGREGATE BASE (AB). (CALTRANS SPEC. 26-1.02B)
5. ALL RAMPS GRADED TO DRAIN AWAY FROM LEVEE SECTION.

FIGURE 8.07

ACCESS RAMP GRADING REQUIREMENTS

NOTE: THE LOWER VERTICAL CURVE TO BE FIELD ADJUSTED IN EACH LOCATION
TO CORRESPOND WITH EXISTING APPROACH SLOPE AND ELEVATION.



SCALE
HORZ.: 1"=40'
VERT.: 1"=5'

FIGURE 8.08

OVERSIZE LEVEE SECTION

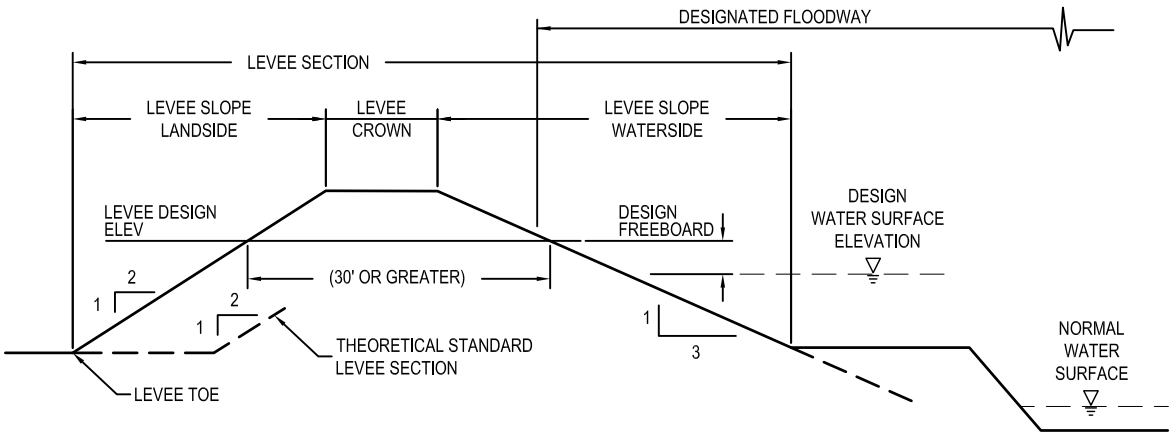


FIGURE 8.09

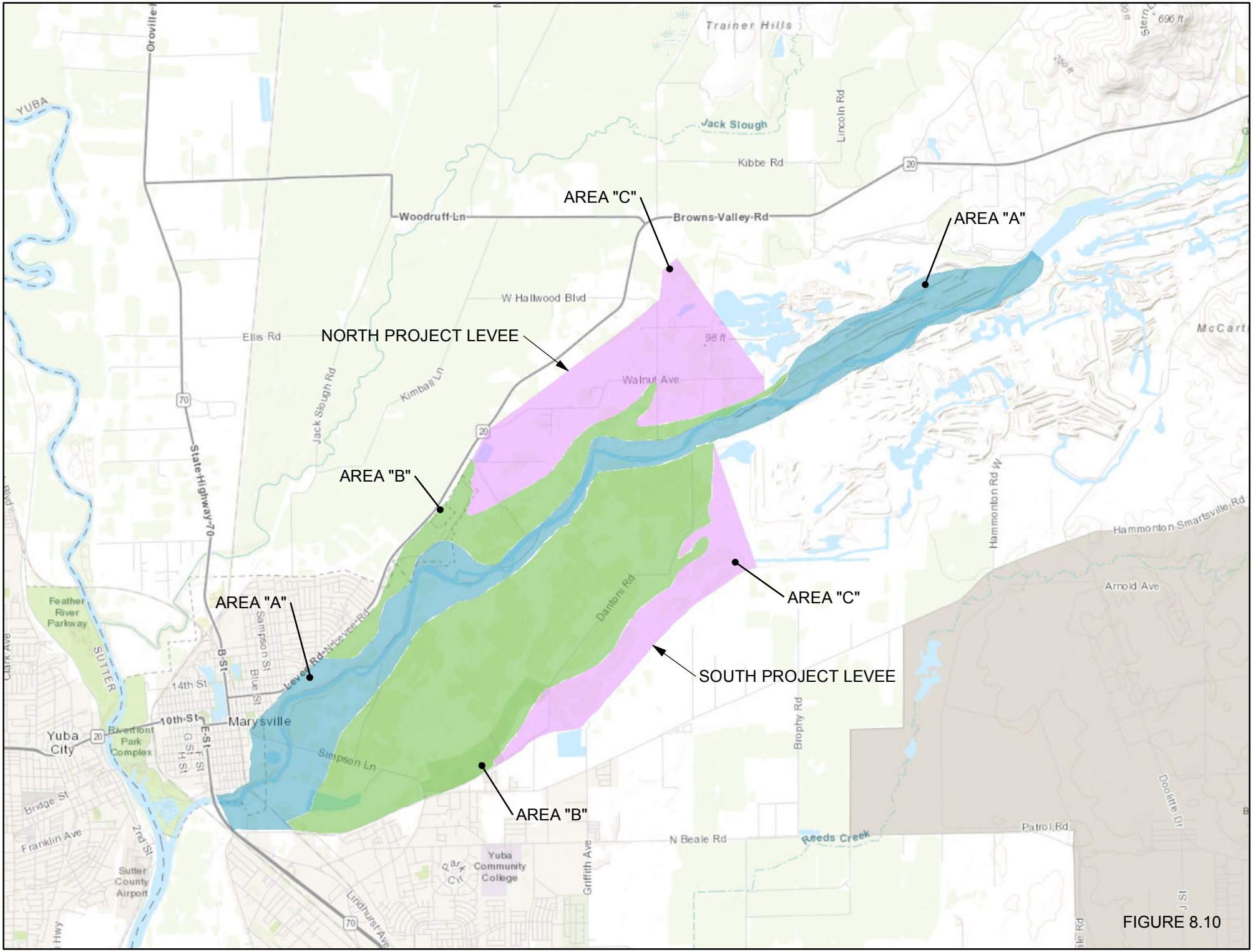

AREA "C"
AREA "A"
NORTH PROJECT LEVEE
AREA "B"
AREA "A"
AREA "C"
SOUTH PROJECT LEVEE
AREA "B"
Trainer Hills
Jack Slough
Lincoln Rd
Kibbe Rd
Woodruff Ln
Browns Valley Rd
W Hallwood Blvd
Ellis Rd
Walnut Ave
Jack Slough Rd
Kimball Ln
State Highway 70
Hammonton Rd W
Hammonton Smartsville Rd
Arnold Ave
Dantoni Rd
Brophy Rd
Simpson Ln
Levee Rd
Sampson St
Blue St
B St
14th St
10th St
E St
Marysville
Yuba City
Feather River Parkway
Riverfront Park Complex
SUTTER
Bridge St
Franklin Ave
2nd St
Sutter County Airport
Yuba Community College
Griffith Ave
Lindhurst Ave
N Beale Rd
Reeds Creek
Patrol Rd
Doolittle Dr
YUBA
McCart
696 ft
250 ft
98 ft

FIGURE 8.10

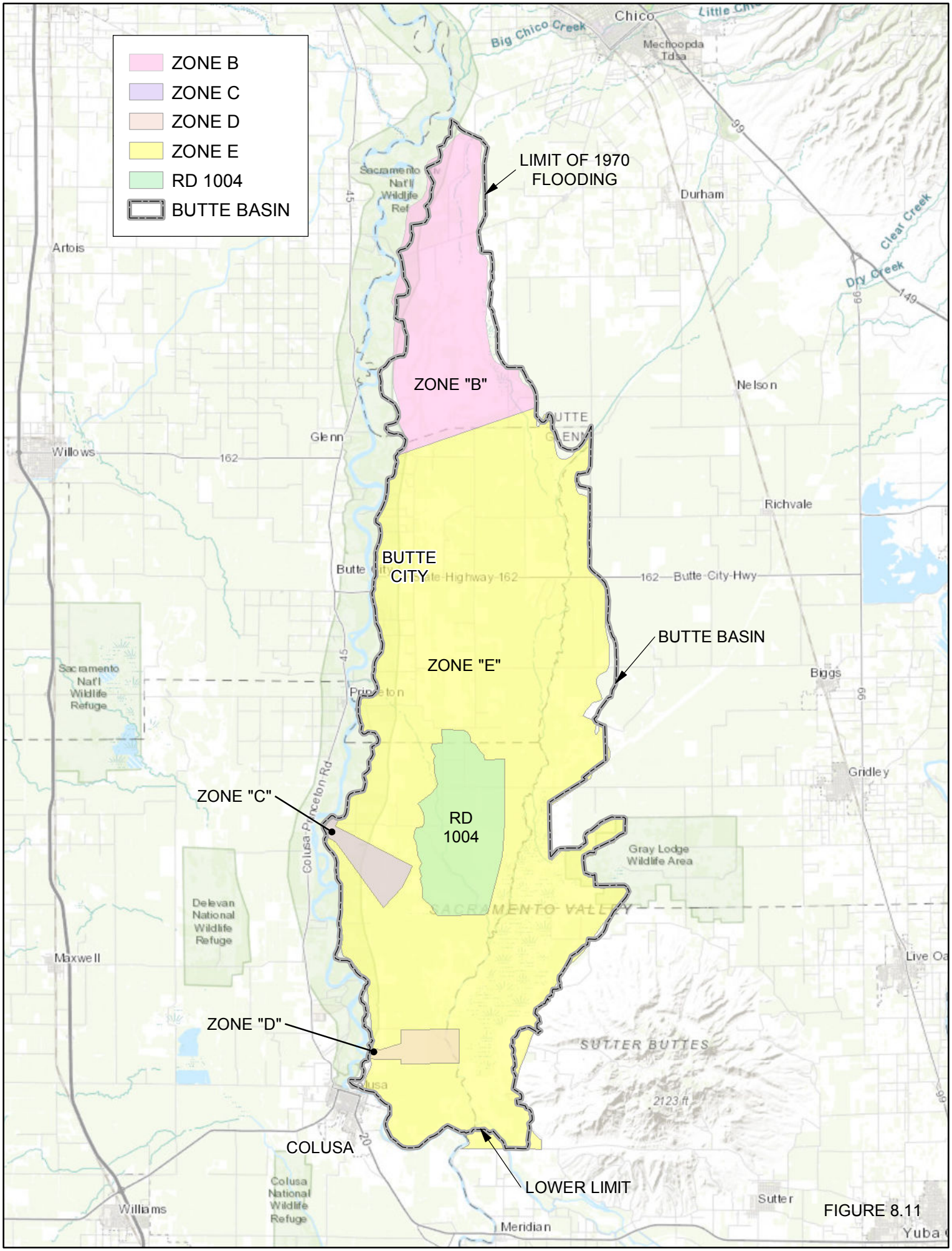

ZONE B
ZONE C
ZONE D
ZONE E
RD 1004
BUTTE BASIN
LIMIT OF 1970 FLOODING
ZONE "B"
ZONE "E"
BUTTE CITY
BUTTE BASIN
ZONE "C"
RD 1004
ZONE "D"
COLUSA
LOWER LIMIT
Chico
Big Chico Creek
Mechoopda Tdsa
Durham
Clear Creek
Dry Creek
Artois
Nelson
Glenn
Willows
Richvale
Butte City Hwy
Biggs
Gridley
Sacramento Nat'l Wildlife Refuge
Gray Lodge Wildlife Area
Delevan National Wildlife Refuge
Maxwell
SACRAMENTO VALLEY
SUTTER BUTTES
2123 ft
Colusa National Wildlife Refuge
Williams
Meridian
Sutter
Yuba

FIGURE 8.11