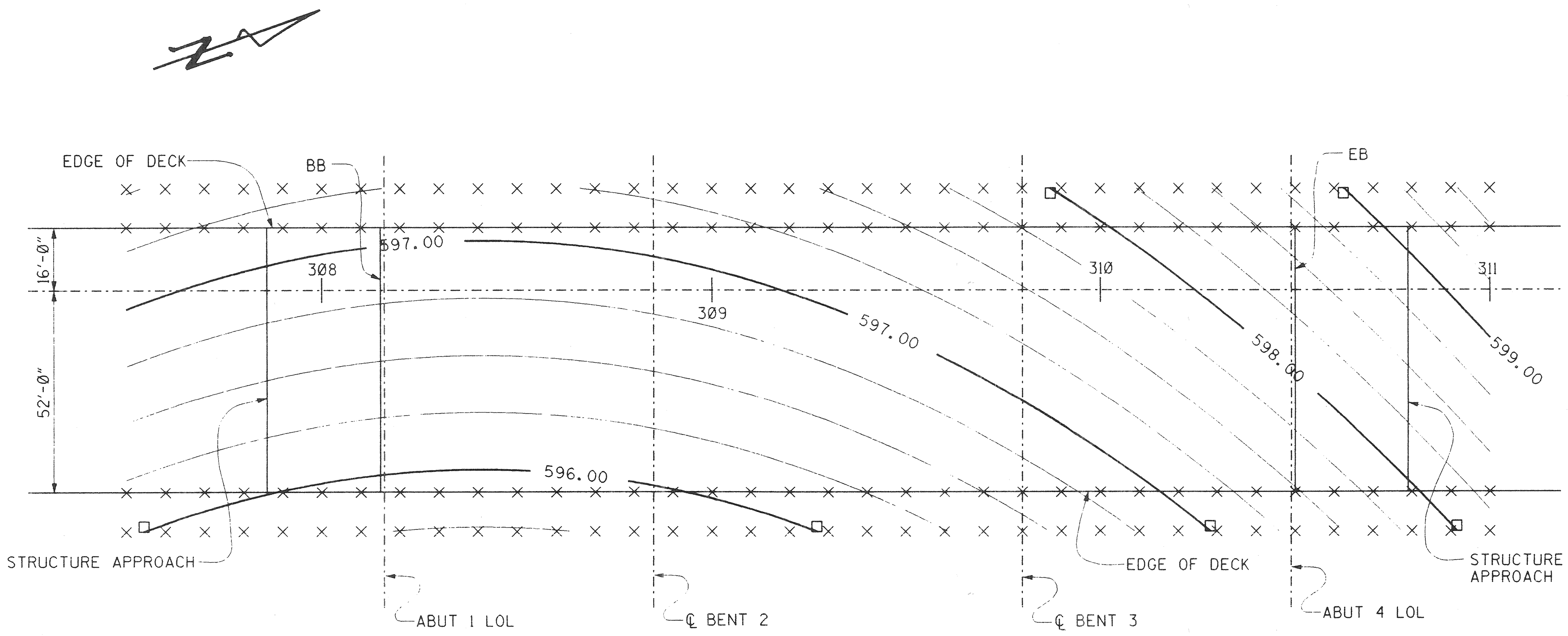
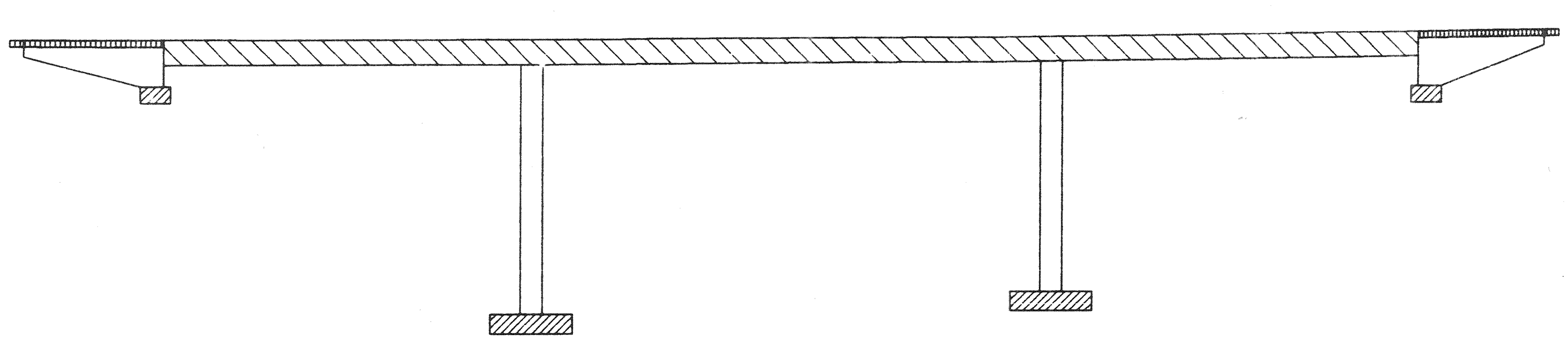


PLAN
1"=20'-0"



CONCRETE STRENGTH & TYPE LIMITS
NOT TO SCALE

LEGEND

× INDICATES 10' INTERVALS ALONG STATION LINE

□ INDICATES EVEN FOOT CONTOURS

STRUCTURAL CONCRETE - (BRIDGE) (4000 psi @ 28 DAYS)

STRUCTURAL CONCRETE - (BRIDGE)

STRUCTURAL CONCRETE - (BRIDGE FOOTING)

STRUCTURAL CONCRETE - APPROACH SLAB (TYPE N30D)

NOTES:

1. CONTOURS DO NOT INCLUDE CAMBER.
2. CONTOUR INTERVAL IS 0.25'.
3. THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

CALTRANS STANDARD PLANS DATED JULY 1992

A10A	ABBREVIATIONS
A10B	SYMBOLS
A62C	LIMITS OF PAVEMENT FOR EXCAVATION AND BACKFILL-BRIDGE
B0-1	BRIDGE DETAILS
B0-3	BRIDGE DETAILS
B0-5	BRIDGE DETAILS
B0-13	BRIDGE DETAILS
B2-3	16" CAST-IN-DRILLED HOLE CONCRETE PILE
B3-1	RETAINING WALL TYPE 1-H=4'-30'
B3-8	RETAINING WALL DETAILS NO.1
B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING =2")
B7-1	BOX GIRDER DETAILS
B7-6	DECK DRAINS-TYPE D-1 AND D-2
B7-10	UTILITY OPENING -BOX GIRDER
B11-51	TUBULAR HAND RAILING
B11-53	CONCRETE BARRIER TYPE 25
B14-3	COMMUNICATION AND SPRINKLER CONTROL CONDUITS (CONDUIT LESS THAN 4" DIAMETER)
B14-5	WATER SUPPLY LINE (DETAILS) (PIPE LESS THAN 4" DIAMETER)

GENERAL NOTES LOAD FACTOR DESIGN

DESIGN: BRIDGE DESIGN SPECIFICATIONS (1992) AASHTO WITH INTERIMS AND REVISIONS BY CALTRANS)

DEAD LOAD: INCLUDES 35 psf FOR FUTURE WEARING SURFACE

LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD

SEISMIC LOADING: PEAK ROCK ACCELARATION = 0.3g
DEPTH OF ALLUVIUM = 11 TO 80 FEET
DESIGN BASED ON CURRENT SPECIFICATION WITH DUCTILITY/RISK FACTOR Z = 6.0

REINFORCED CONCRETE: fy = 60,000 psi
f'c = 3,500 psi, UNLESS OTHERWISE NOTED
n = 9

TRANSVERSE DECK SLAB (WORKING STRESS DESIGN)
fs = 20,000 psi
f'c = 1,200 psi
n = 10

DR. 5 (16160)
Sheet 36 Of 64

RECORD DRAWING

1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY
PUBLIC FACILITIES AND RESOURCES DEPT.

ANTONIO PARKWAY
WILDLIFE
UNDERCROSSING

DECK CONTOURS

2/20

MARK | DATE | DESCRIPTION
REVISIONS

PREPARED UNDER RESPONSIBLE CHARGE OF:
RICHARD A. HART
RCE 39595 (EXP. 12-31-97)

Richard A. Hart
NO. C 039595
EXP. 12-31-97
CIVIL
STATE OF CALIFORNIA
3/24/97

DESIGNED Wendy W. Li
DRAWN WWL
CHECKED S.Whitaker
SCALE AS SHOWN
DATE
DRAWING NO.
SHEET 36 OF 64

HNTB
36 EXECUTIVE PARK
SUITE 200
IRVINE, CALIFORNIA 92614

DR. 5 (16160)