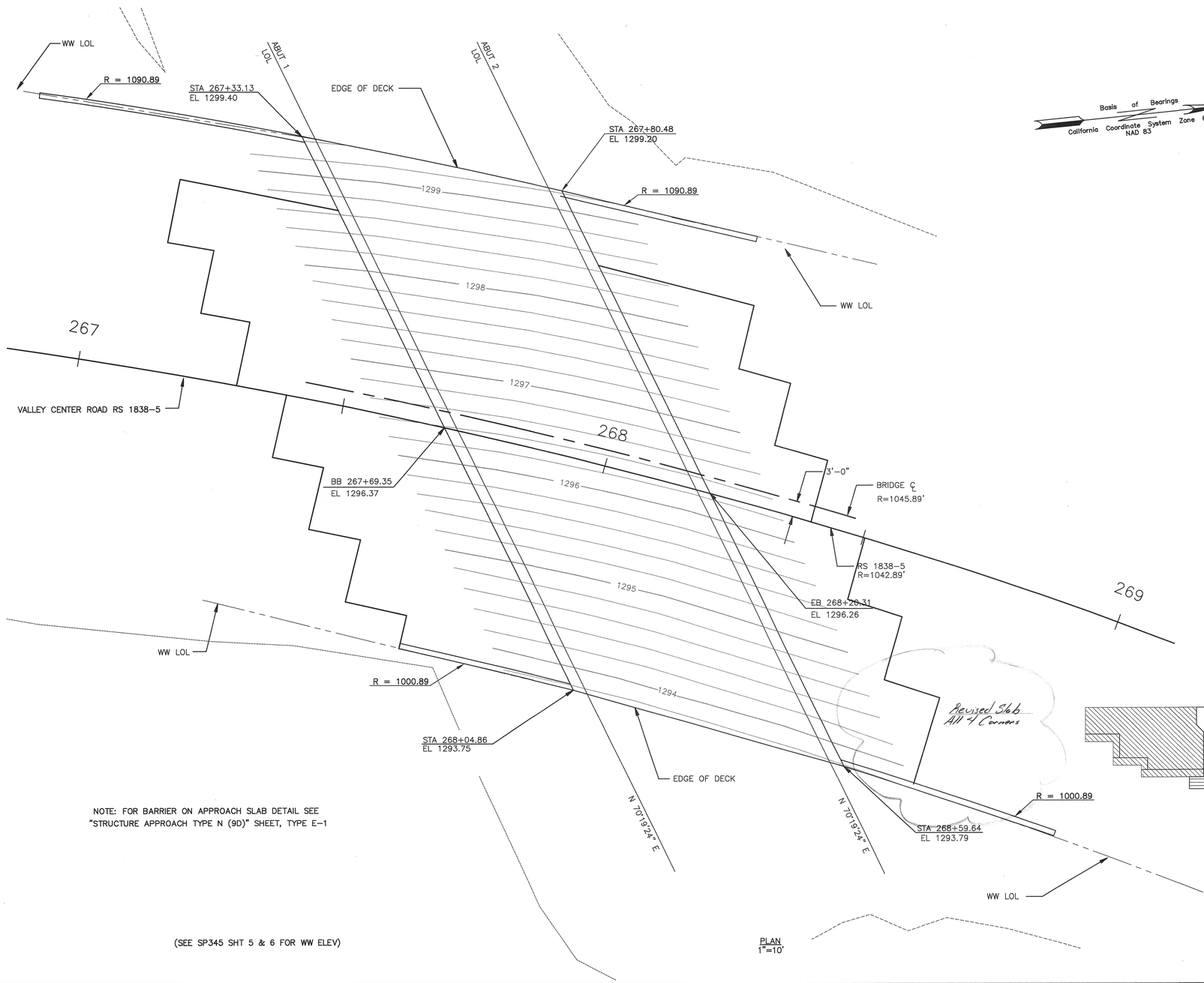
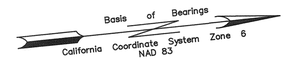
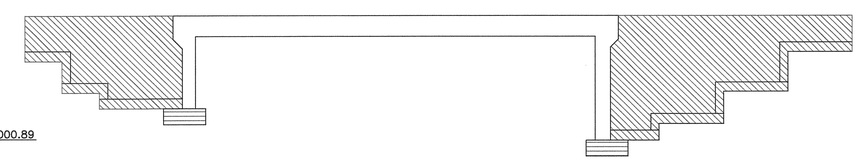
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES



NOTE: FOR BARRIER ON APPROACH SLAB DETAIL SEE "STRUCTURE APPROACH TYPE N (9D)" SHEET, TYPE E-1

(SEE SP345 SHT 5 & 6 FOR WW ELEV)





CONCRETE TYPE LIMITS
NTS

- STRUCTURE CONCRETE, BRIDGE 3600 PSI
- STRUCTURE CONCRETE, BRIDGE FOOTING 3600 PSI
- STRUCTURE CONCRETE, RETAINING WALL 3600 PSI

PLANS	BY	DATE
DESIGNED		
CHECKED		
DELINEATED		

REGISTERED PROFESSIONAL ENGINEER
Gerard Dalziel
No. 36333
Exp. 06/30/06
CIVIL
STATE OF CALIFORNIA

WILLDAN – Serving Public Agencies
5930 Cornerstone Ct. West, Ste 300
San Diego, California 92121
Tel 858.467.6950 Fax 858.467.1346

REGISTERED CIVIL ENGINEER — DATE 8/14/05

GENERAL NOTES
LOAD FACTOR DESIGN

DESIGN : BRIDGE DESIGN SPECIFICATIONS (1983 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 : Max Magnitude 7.75 ± 0.25
Peak Rock Accelleration = 0.4g
Soil Prifile Type B

REINFORCED CONCRETE : fy = 60,000 psi
f'c = 3,600 psi
n = 9

Transverse deck slabs (working stress design)
fs = 20,000 psi
fc = 1,200 psi
n = 10

ARS Curve Fig. B.2 on page B4, SDC.

FOOTING PRESSURE : (TONS PER SQUARE FOOT)

ALLOWABLE	DESIGN
5.0	2.4

NOTES:

1. CONTOUR INTERVAL IS 0.2' AND DOES NOT INCLUDE CAMBER.
2. —— 1297 —— INDICATES EVEN FOOT CONTOUR ELEVATION.

SP 345

COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
5555 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295

REVISIONS	BY	APPROVED	DATE

COORDINATE INDEX
382 N. 1755 E.
CONST. COMPL.
FIELD REVISIONS

VALLEY CENTER ROAD BRIDGE OVER KEYS CYN CREEK S FORK 57C-0185

DECK CONTOURS

SCALE: HOR. 1"=10' VERT. N/A
W.A. UJ1101 R.S. 1838-3 TO -6
SP 345 3 OF 14
SHEET 224R OF 256 SHEETS

C-St224R-ST3-VCRN.dwg
S:\LDD Design\Valley Center Road\UJ1101\Addendum #2\VCR-NORTH\
08/14/05
17:00