DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
12	ORA			4	7

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

PROFESSIONAL ENGINEER — REGISTERED — RICK CHAN — No. C-55392 — Exp. 12/31/99 — CIVIL — STATE OF CALIFORNIA

LIM & NASCIMENTO ENGINEERING
1971 East Fourth Street, Suite 200
Santa Ana, California 92705

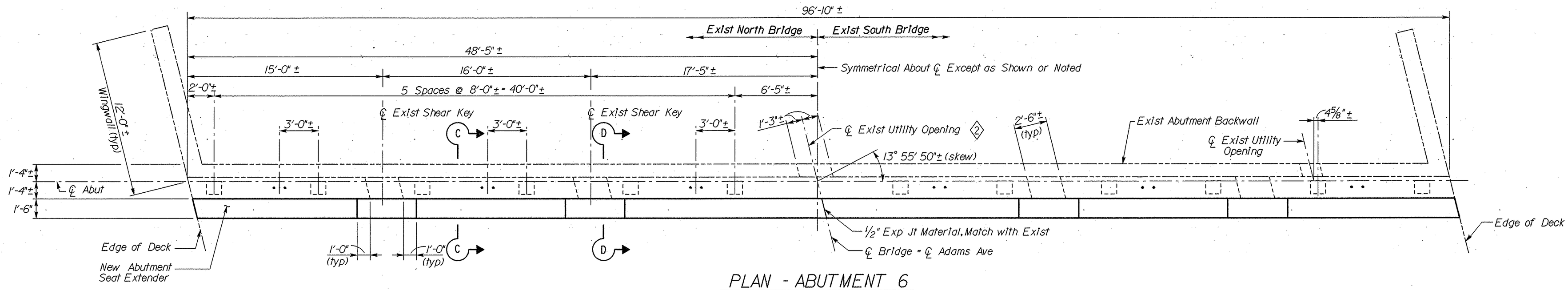
Brown & Root, INC.
1000 South Fremont Avenue
Alhambra, California 91803-1300

NOTES:

1. For Sections C-C and D-D, see "ABUTMENT RETROFIT DETAILS NO. 3" sheet.
2. Barrier and rail are not shown for clarity.
3. Unless noted otherwise, provide 6" minimum clear distance between drill and bond dowels (epoxy cartridge) and edge of existing concrete.
4. Not all dowels shown.
5. UNLESS OTHERWISE NOTED, ALL UTILITIES ARE TO BE PROTECTED IN PLACE.

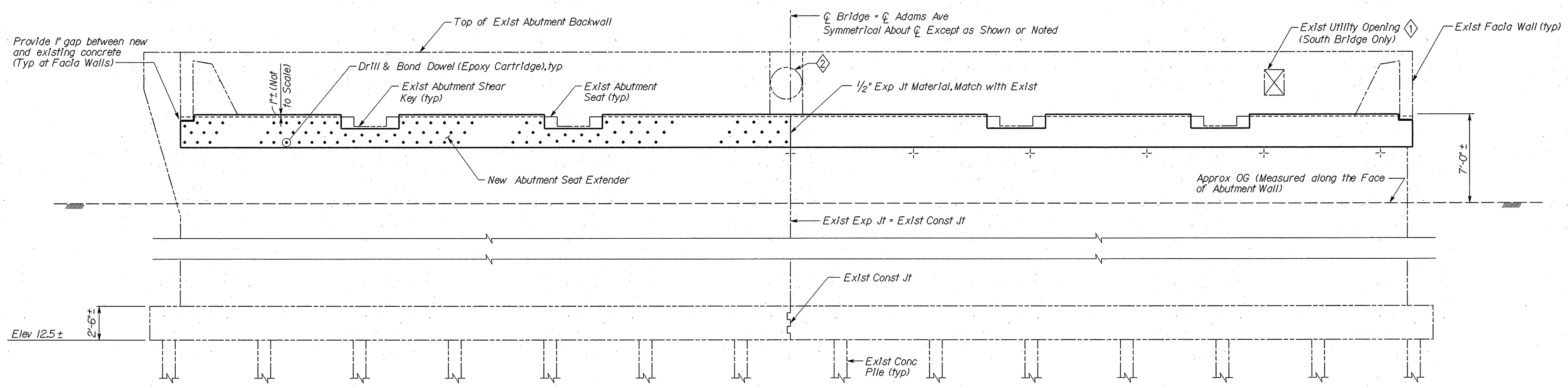
LEGEND:

- ⊹ Indicates existing weep hole (approx location shown)
- ◇1 Indicates existing utility opening with Southern California Edison Company conduits
- ◇2 Indicates existing utility opening with City of Huntington Beach 24" ± Dia water line
- ⬚ Indicates existing bearing pad
- • • Indicates existing seismic anchor bolts (PLAN VIEW ONLY)



PLAN - ABUTMENT 6

Scale: 1/4" = 1'-0"



ELEVATION - ABUTMENT 6

Scale: 1/4" = 1'-0"

Note:
The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

SHAWN SUN, DESIGN OVERSIGHT	DESIGN	BY R. CHAN	CHECKED W.YU	PREPARED FOR THE COUNTY OF ORANGE	TIM McGRADY, PROJECT ENGINEER
SIGNOFF DATE	DETAILS	BY E. MONTANO	CHECKED R. CHAN		
	QUANTITIES	BY R. CHAN	CHECKED W.YU		

BRIDGE NO. 55C-0344
POST MILE

EARTHQUAKE RETROFIT
ADAMS AVENUE BRIDGE OVER SANTA ANA RIVER
ABUTMENT RETROFIT DETAILS NO. 2

15AB2344.DGN-12 09-20-97 RF=55CPLN.BDR.BDR

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

CU 12 152
EA L02105

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 3 OF 6

20-SEP-1997 10:47

/usr2/avoe/cm0015/15ab2344.