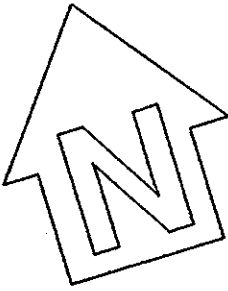


NOTES:

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

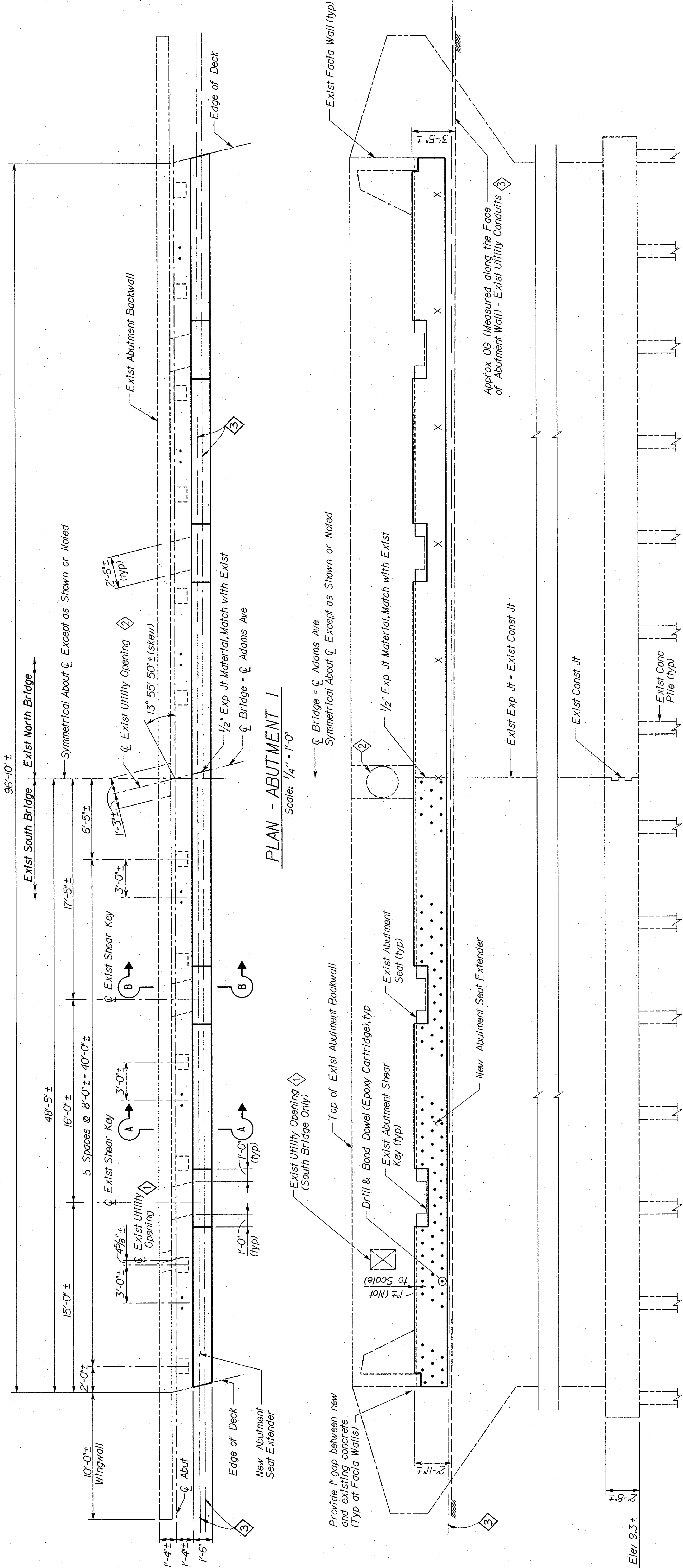


LEGEND:

- X Indicates new weep hole extension (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
- ③ Indicates one existing 6" dia water line and 2 existing 3" dia existing utility conduits ± 1'-6" dia water line resting on grade along face of Abutment I only, OWNER: COUNTY OF ORANGE
- ⋯ Indicates existing bearing pad
- ⋯ Indicates existing seismic anchor bolts (PLAN VIEW ONLY)

RICK C. CHAN
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
LIM & NASCIMENTO ENGINEERING
1971 East Fourth Street, Suite 200
Santa Ana, California 92705
BROWN & ROOT, INC.
1000 South Fremont Avenue
Alhambra, California 91803-1300

DIST COUNTY ROUTE POST MILES TOTAL SHEET NO. TOTAL SHEETS
12 ORA 3 7



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

ELEVATION - ABUTMENT I
Scale: 1/4" = 1'-0"

SHAWN SUN DESIGN OVERSIGHT	BY R. CHAN DESIGN	CHECKED W. YU	BRIDGE NO. 55C-0344	EARTHQUAKE RETROFIT
15AB1344.DGN-11 09-20-97 RF-55CPLN.BDR.BDR	BY E. MONTANO DETAILS	CHECKED R. CHAN	POST MILE	ADAMS AVENUE BRIDGE OVER SANTA ANA RIVER
SIGNOFF DATE	BY R. CHAN QUANTITIES	CHECKED W. YU	PROJECT ENGINEER TIM McGRADY	ABUTMENT RETROFIT DETAILS NO. 1

15AB1344.DGN-11 09-20-97 RF-55CPLN.BDR.BDR

ORIGINAL SCALE IN INCHES
FOR REDUCED PLANS

CU 12 152
EA L02105

PROJECT ENGINEER
TIM McGRADY

BRIDGE NO.
55C-0344

ABUTMENT RETROFIT DETAILS NO. 1

REVISION DATES (PRELIMINARY STAGE ONLY)
SHEET 2 OF 6

/usr2/avoe/cm0015/15ab1344.