Figure 3A.A.1 General Plan Detailing Example 1

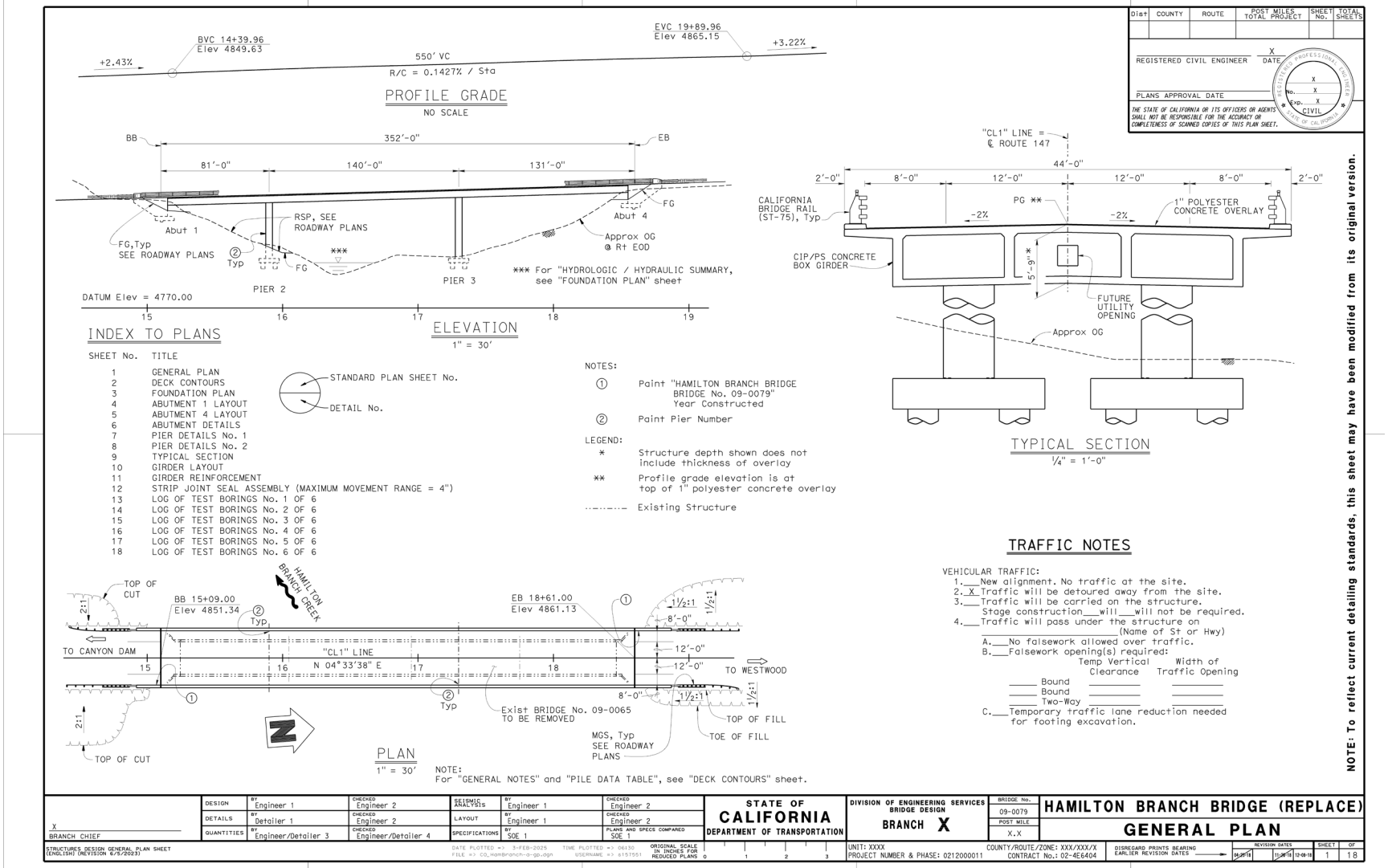


Figure 3A.A.2 General Plan Detailing Example 2

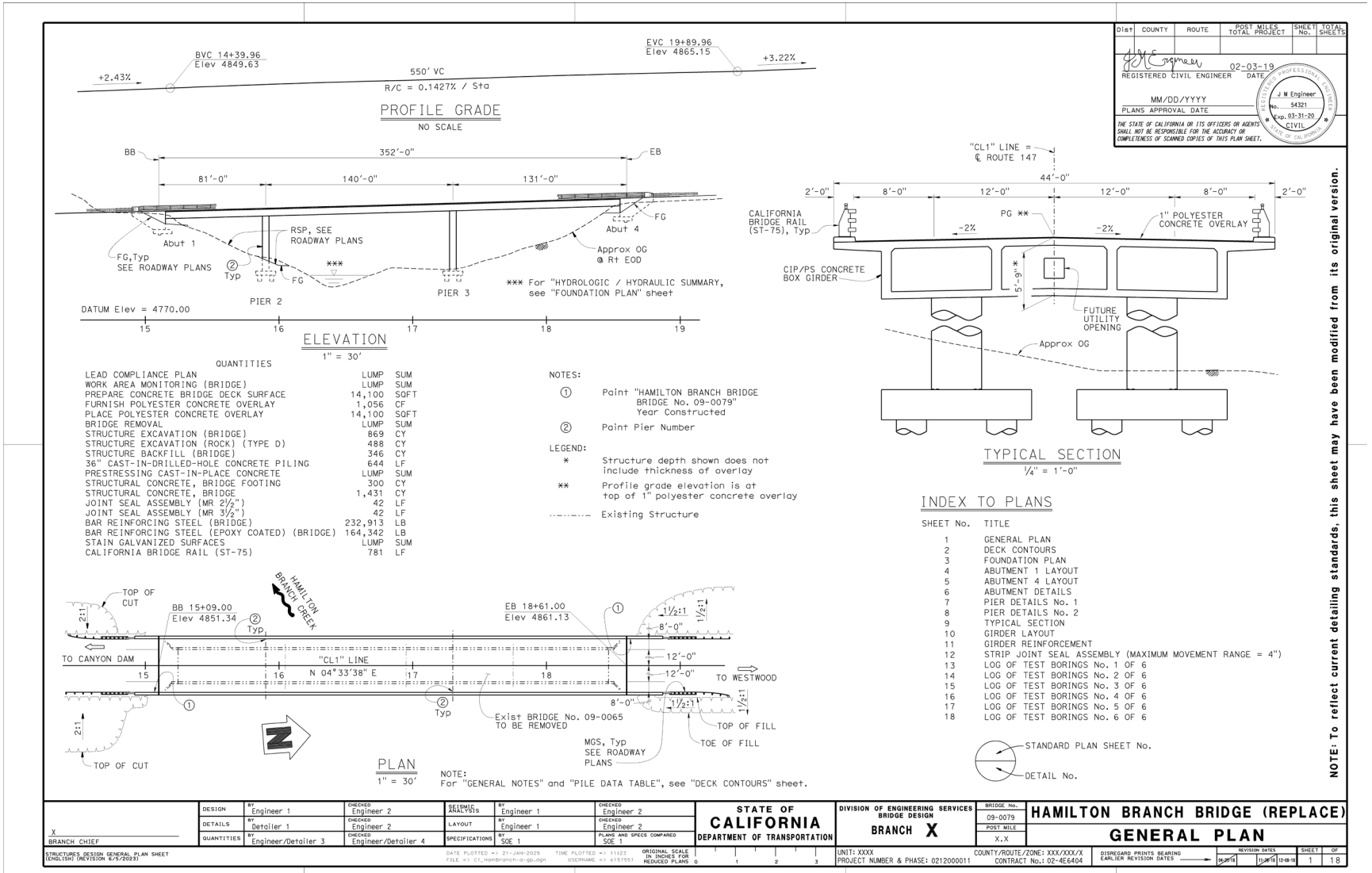


Figure 3A.A.3 General Plan Detailing Example 3

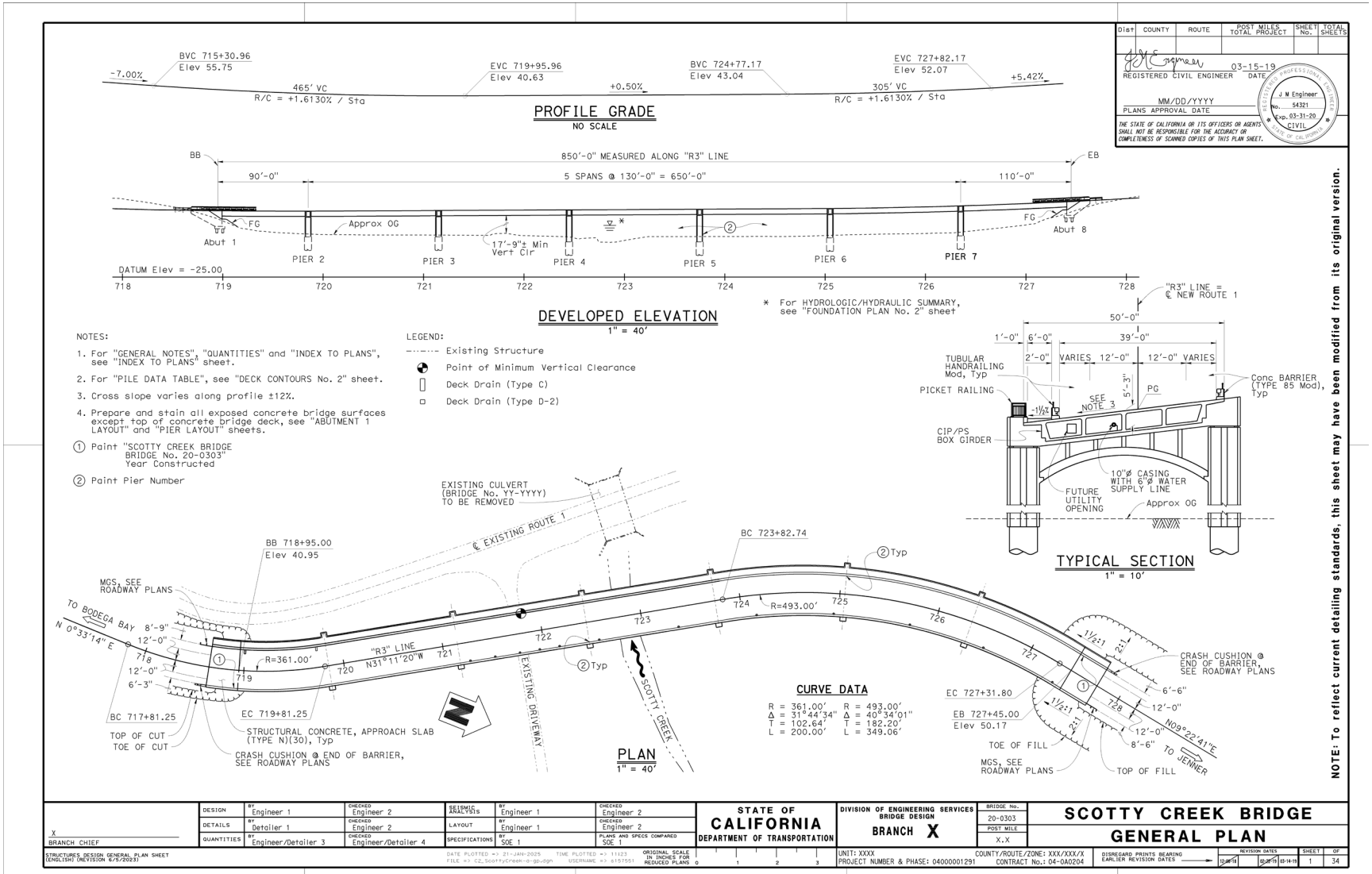


Figure 3A.A.4 General Plan Detailing Example 4

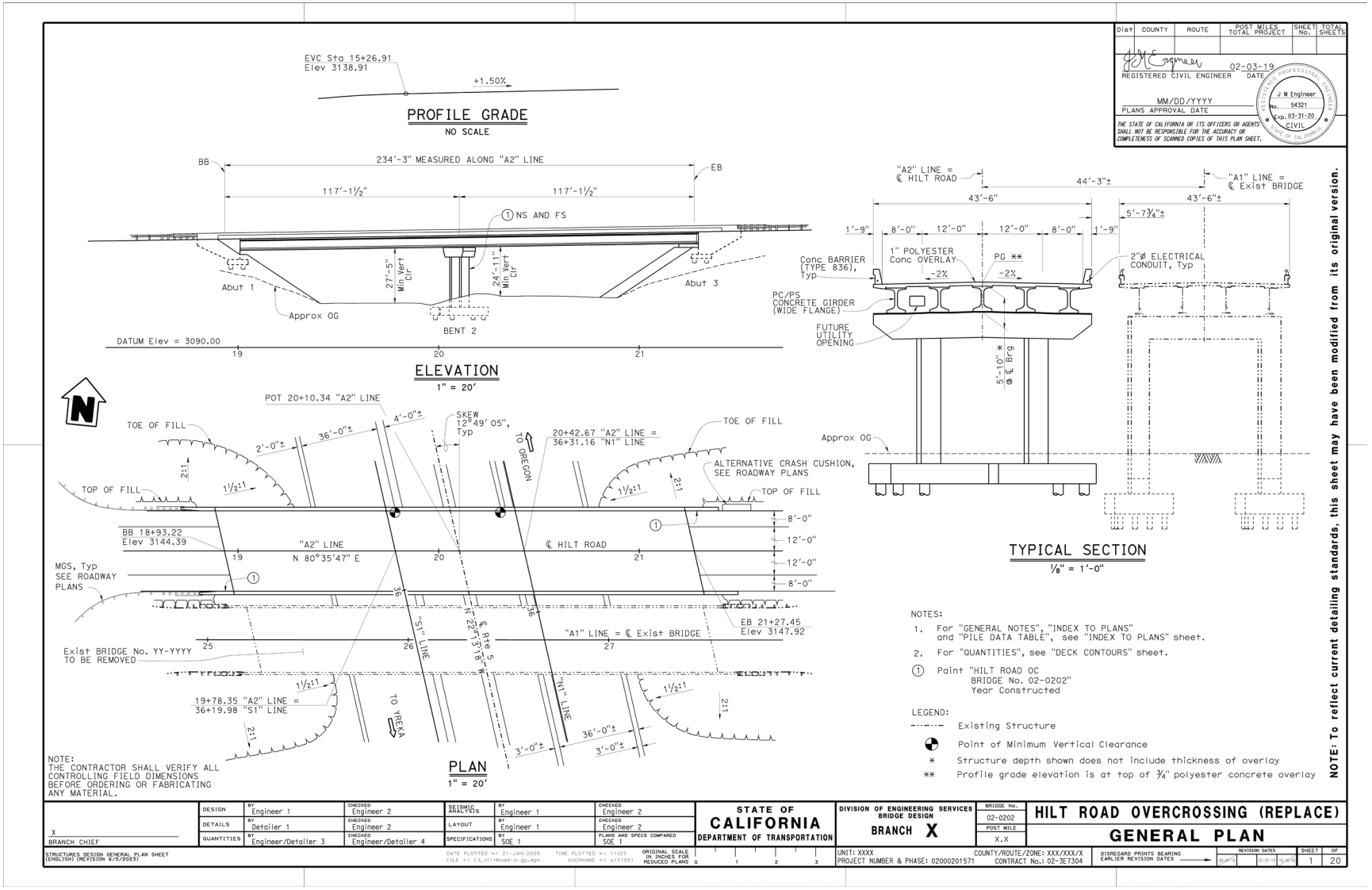


Figure 3A.A.5 General Plan Detailing Example 5

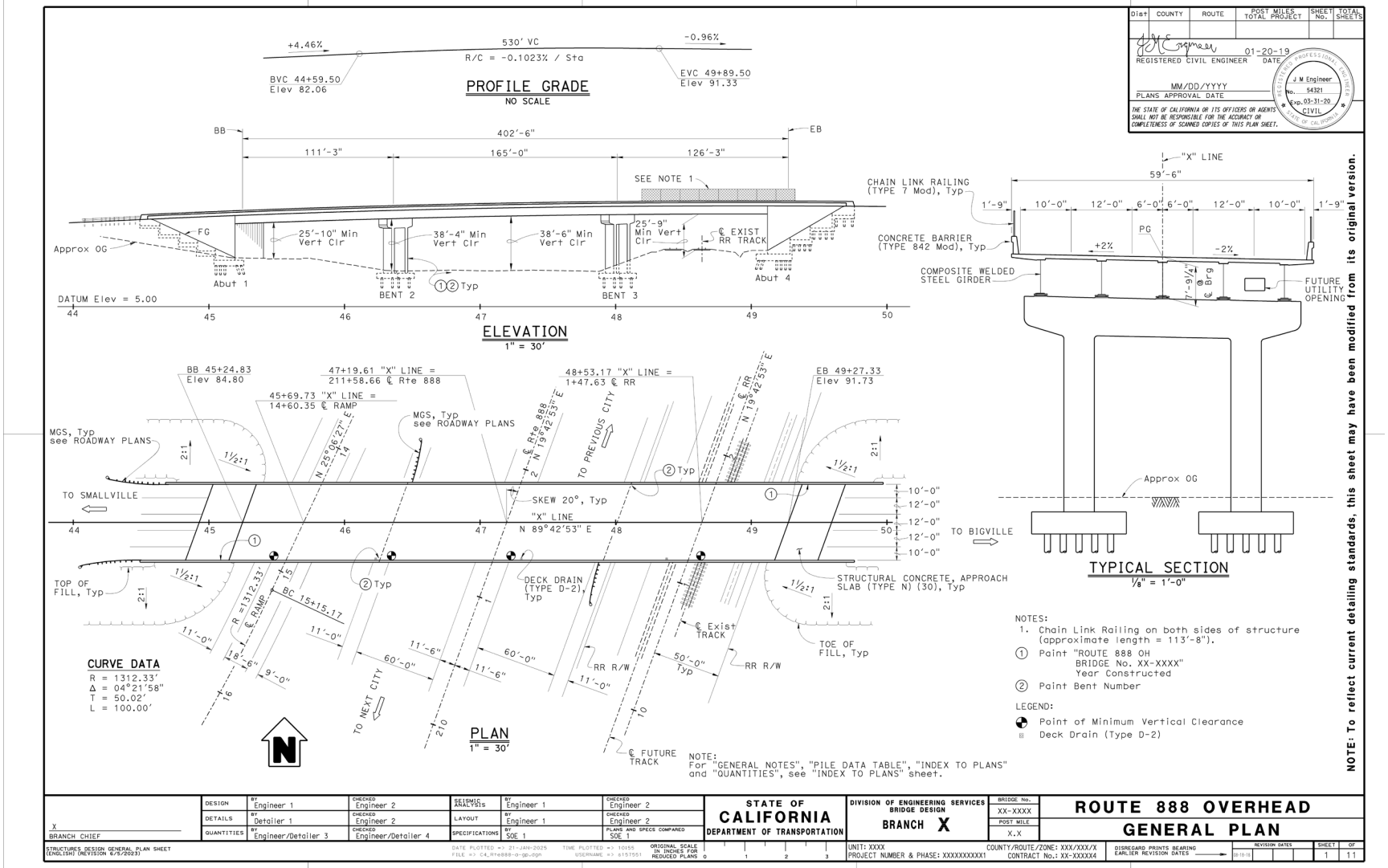


Figure 3A.A.6 General Plan Detailing Example 6

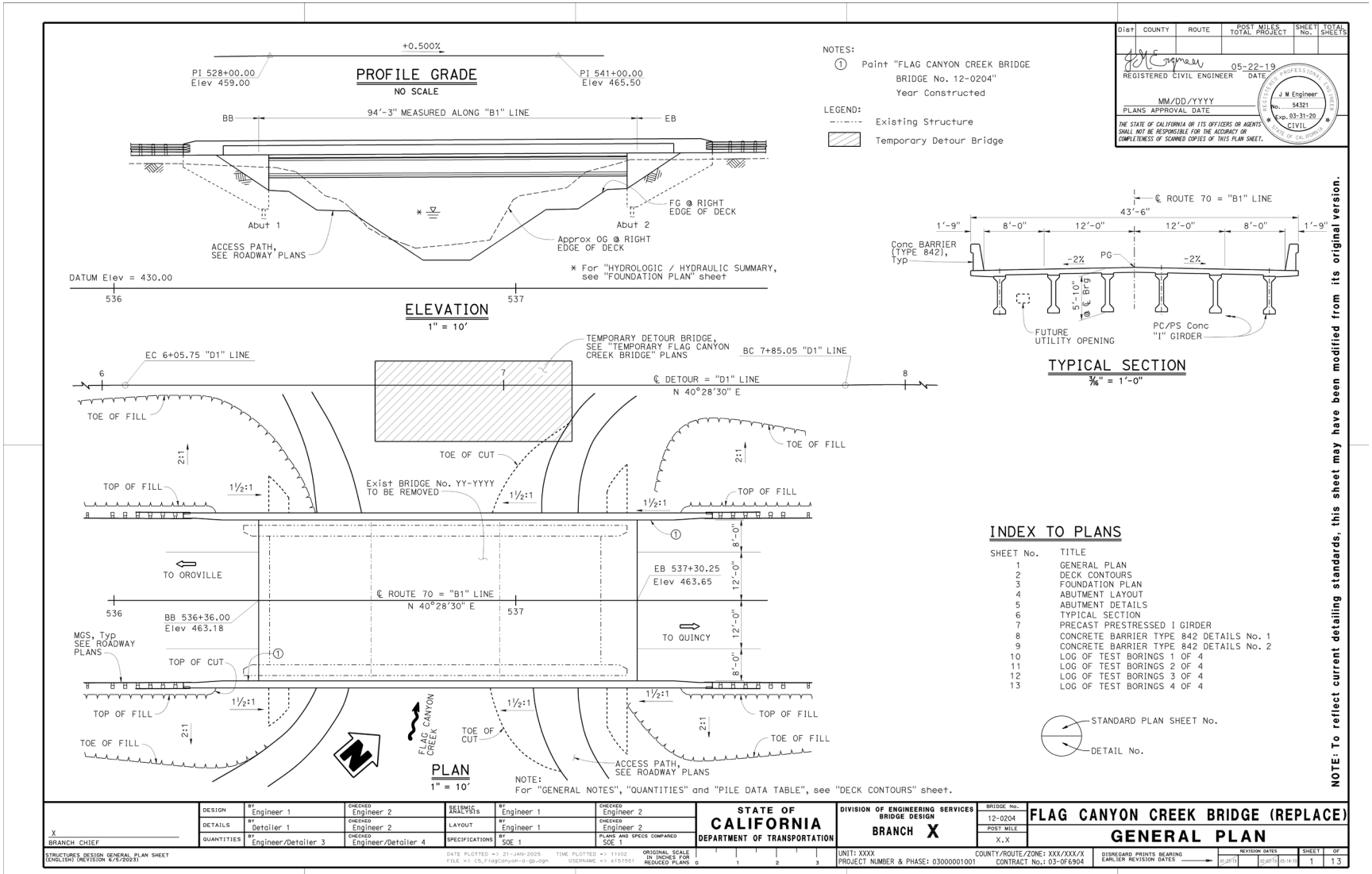


Figure 3A.A.7 General Plan Detailing Example 7

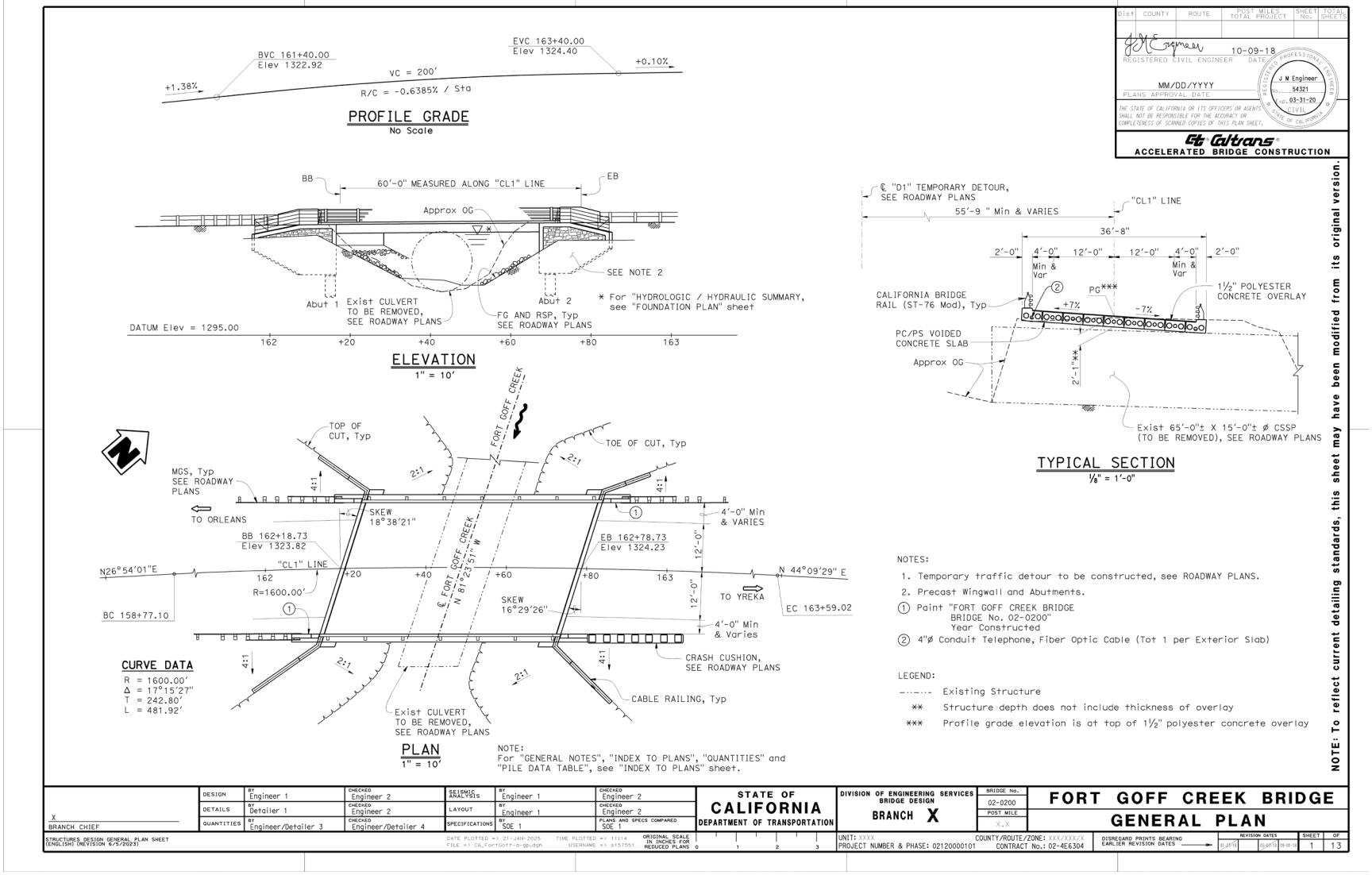


Figure 3A.A.8 General Plan Detailing Example 8

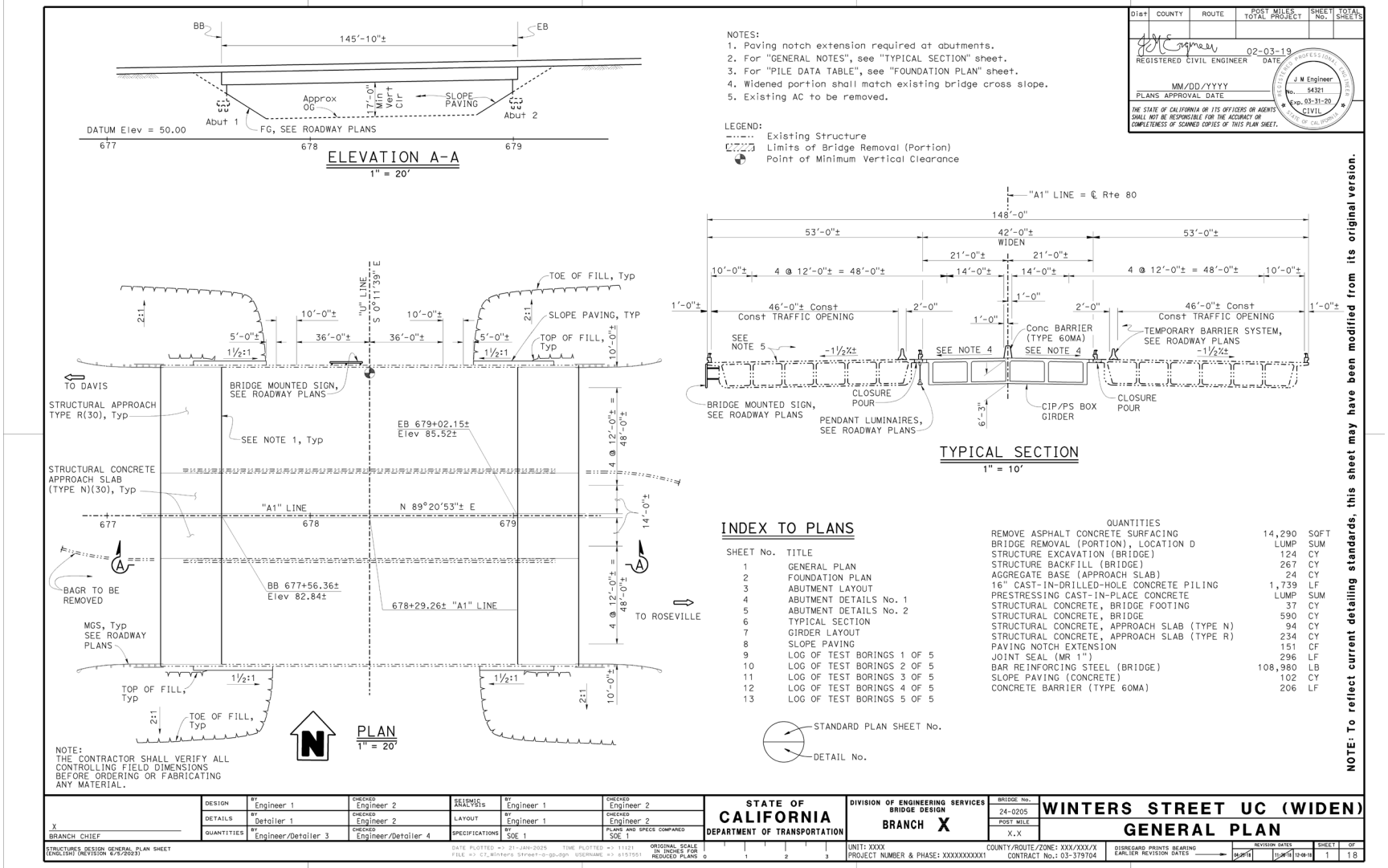


Figure 3A.A.9 General Plan Detailing Example 9

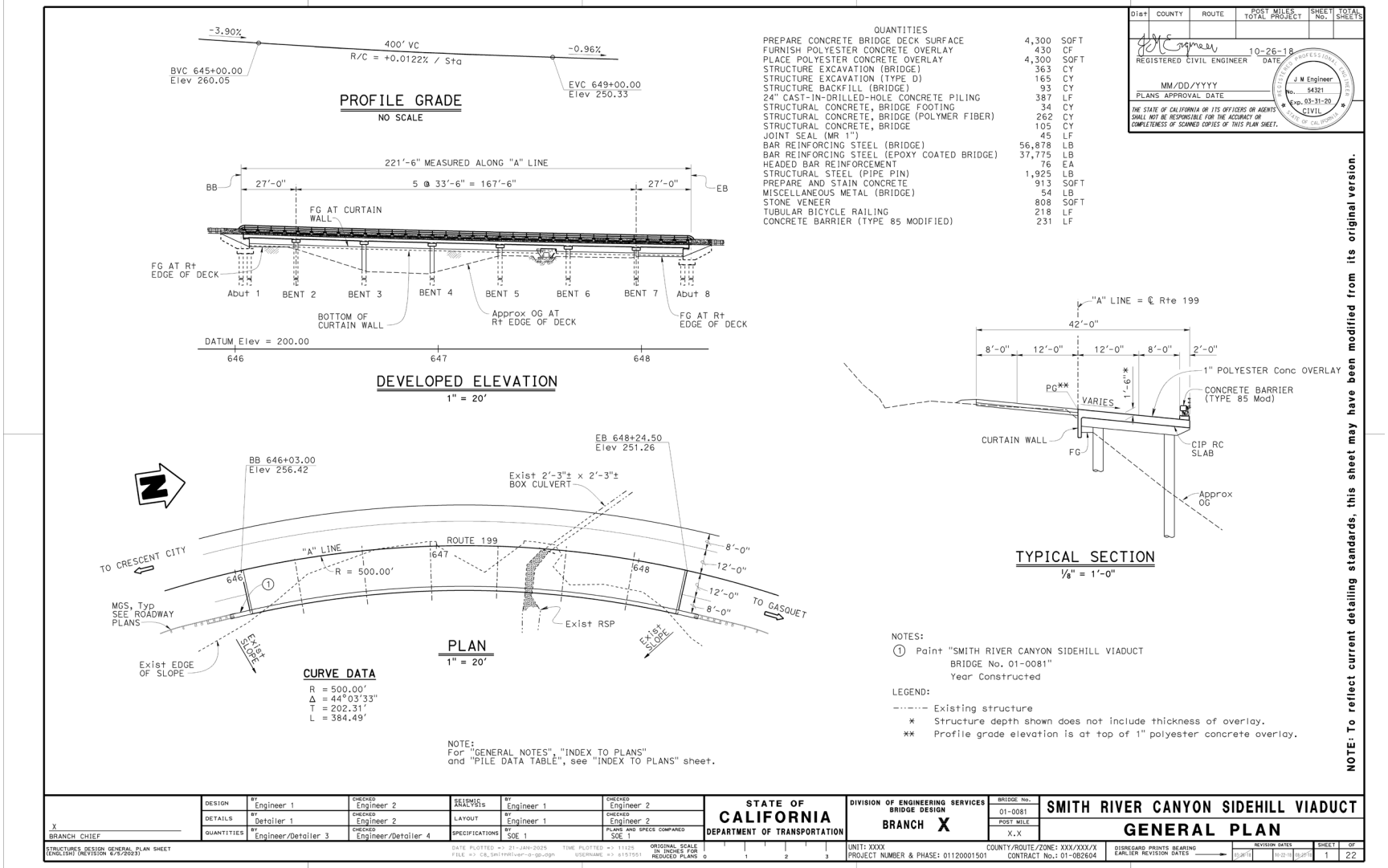


Figure 3A.A.10 General Plan Detailing Example 10

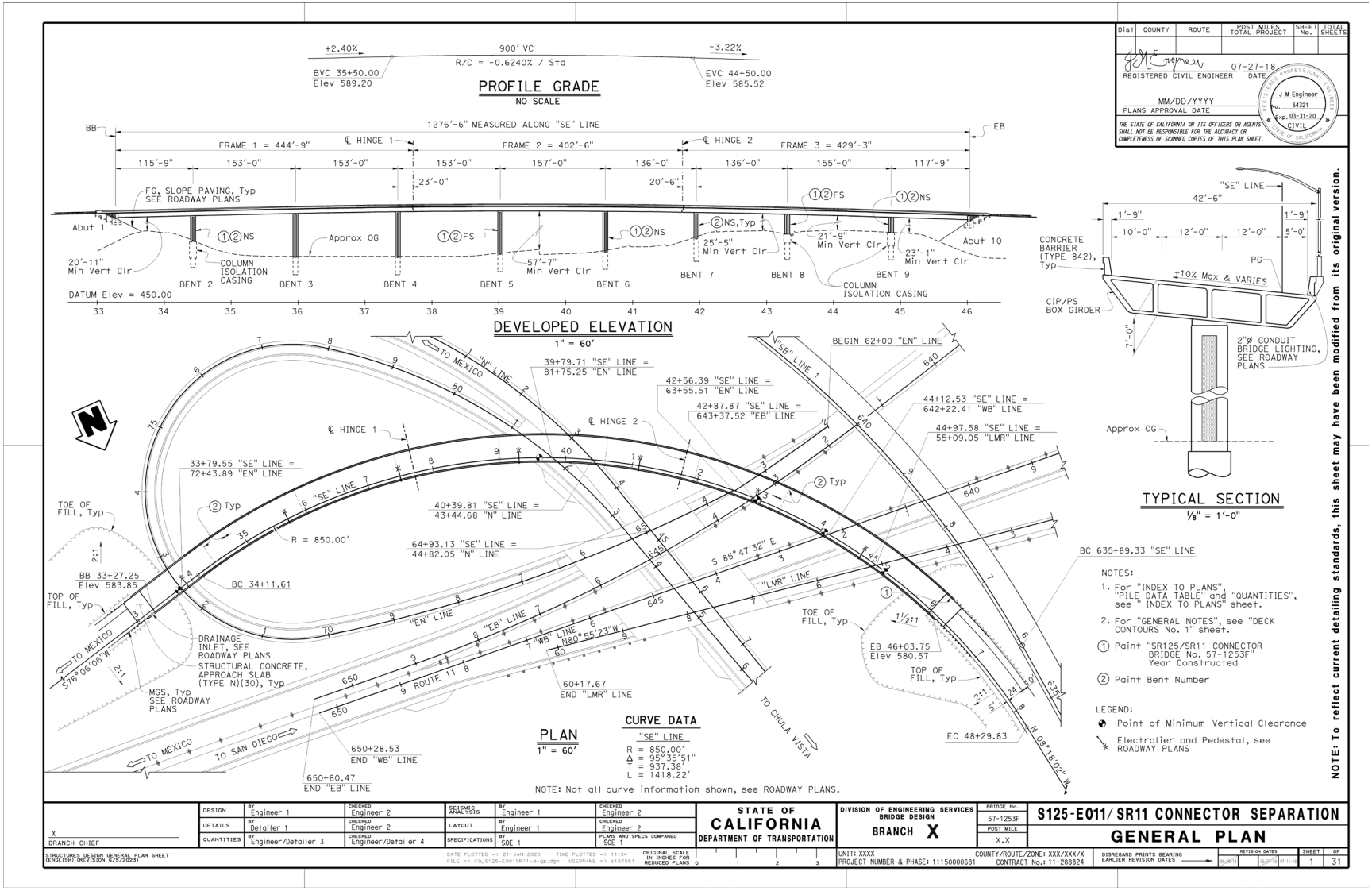


Figure 3A.A.11 General Plan Detailing Example 11

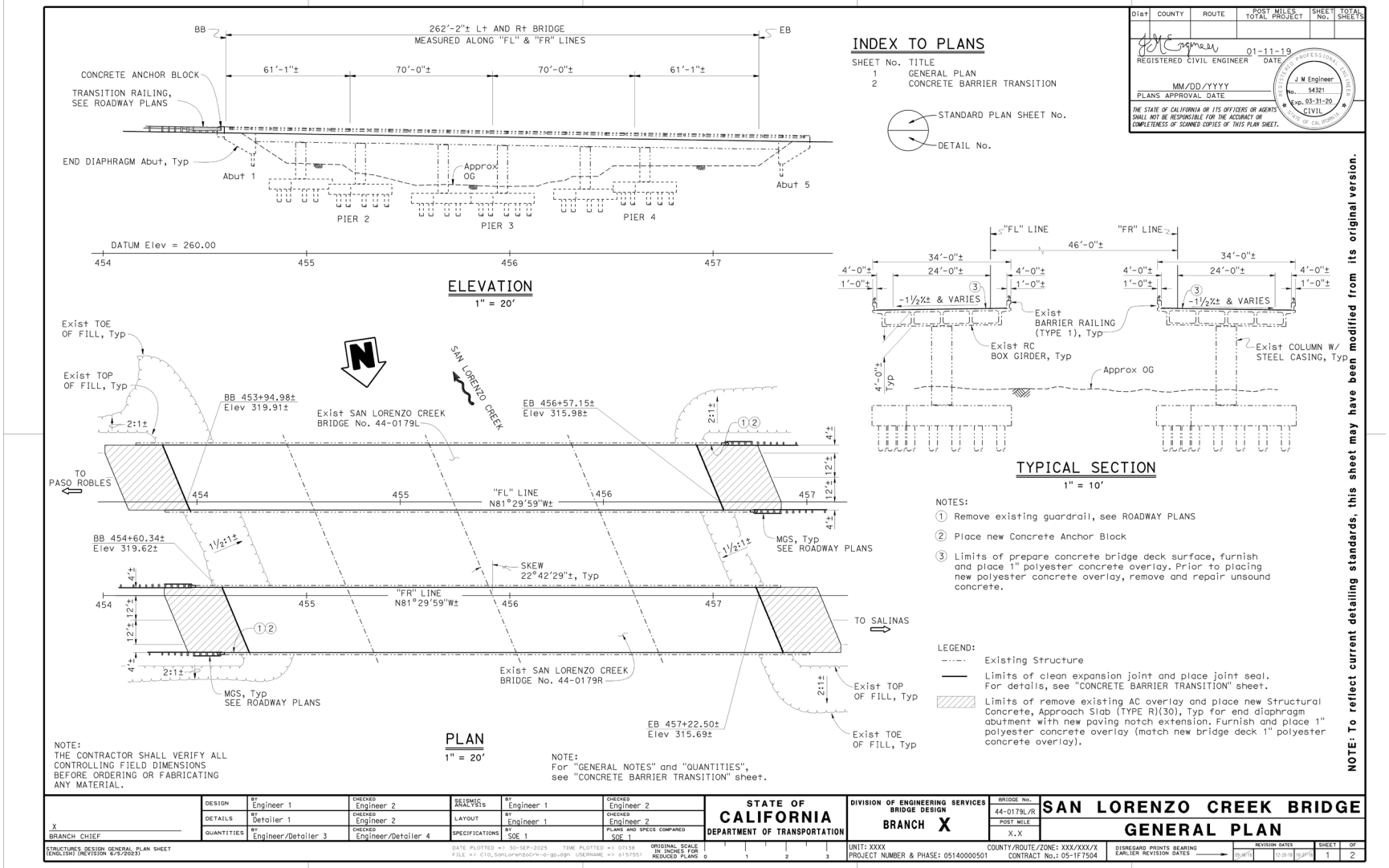


Figure 3A.A.12 General Plan Detailing Example 12

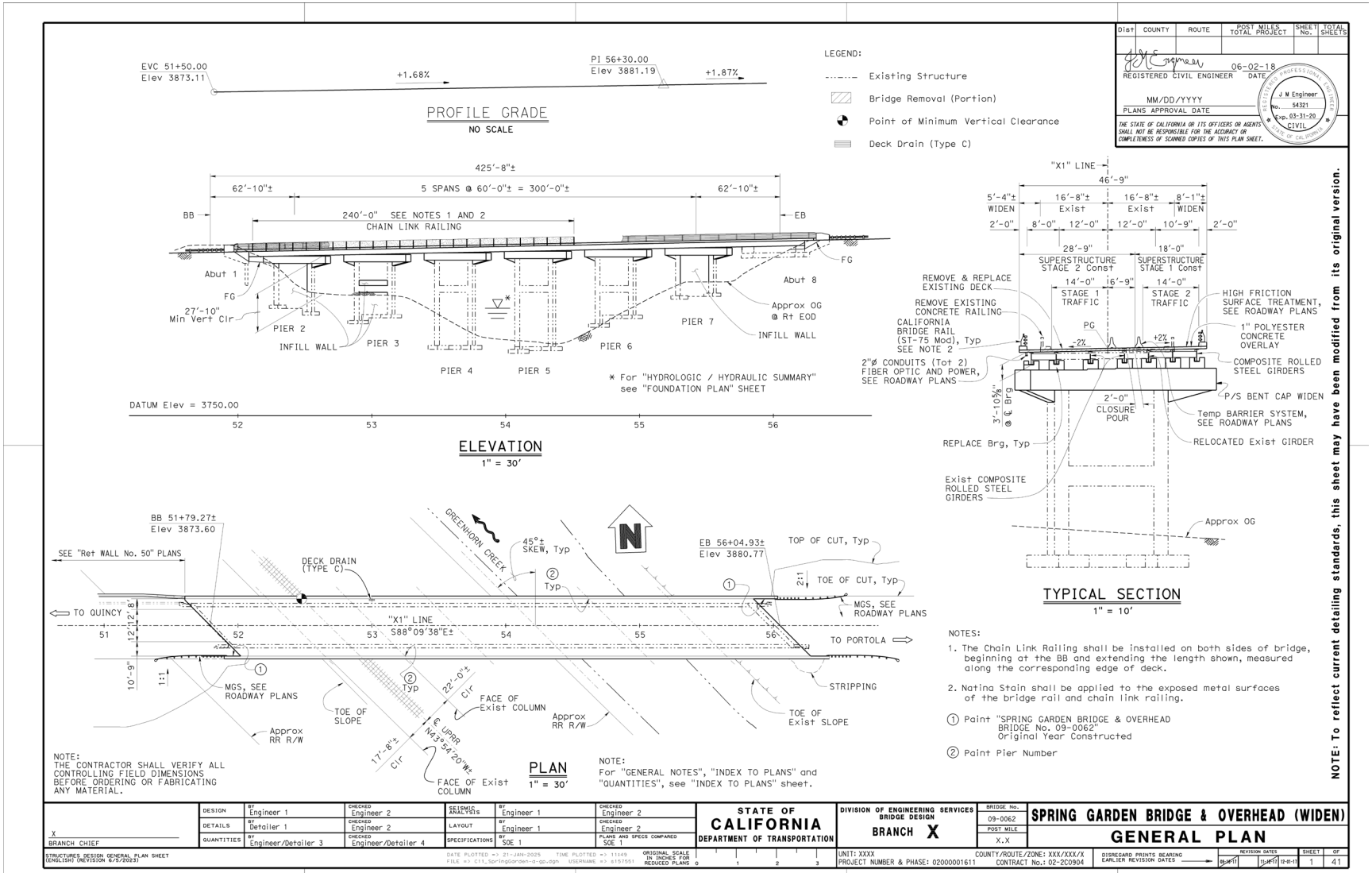


Figure 3A.A.13 General Plan Detailing Example 13

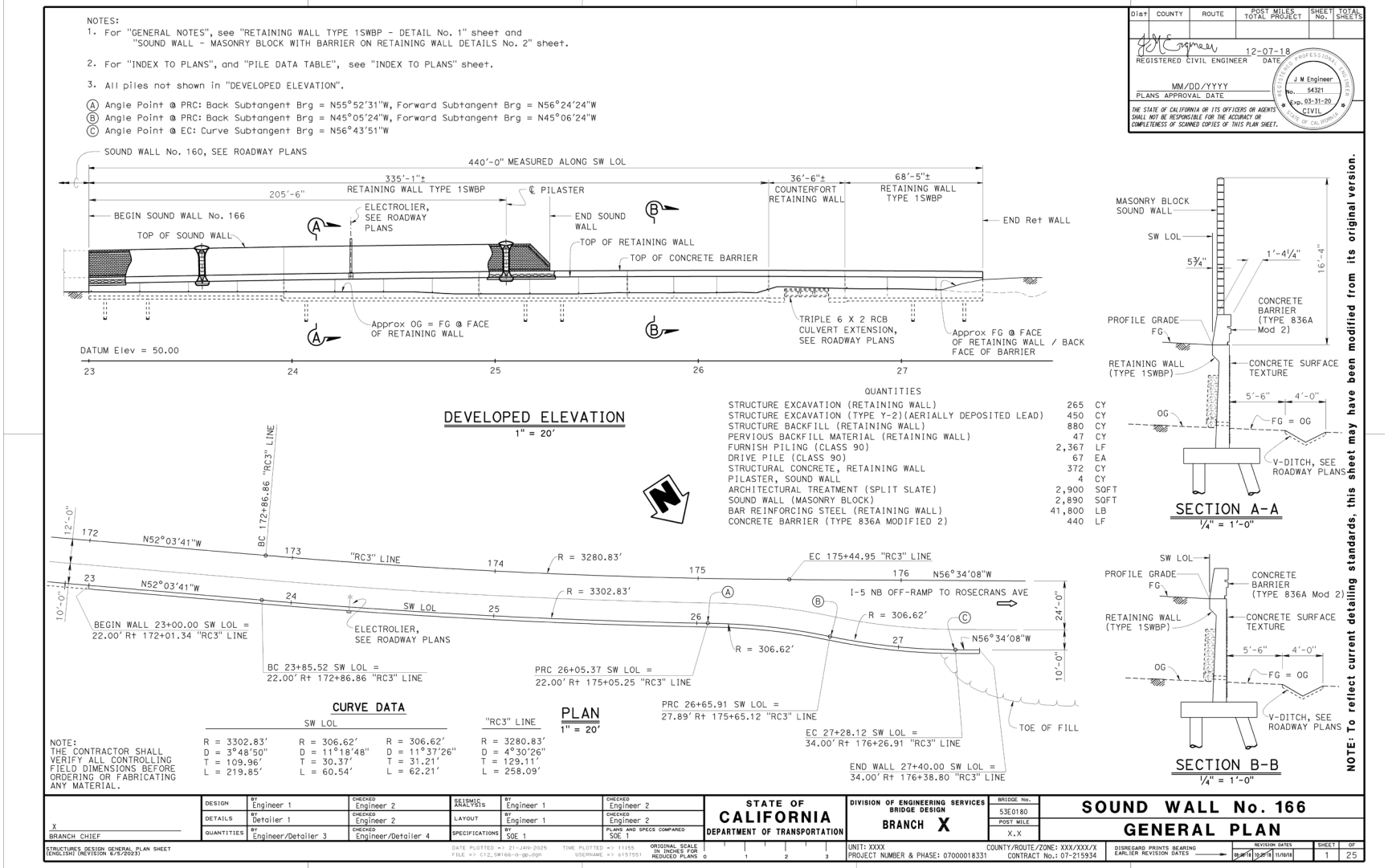


Figure 3A.A.14 General Plan Detailing Example 14

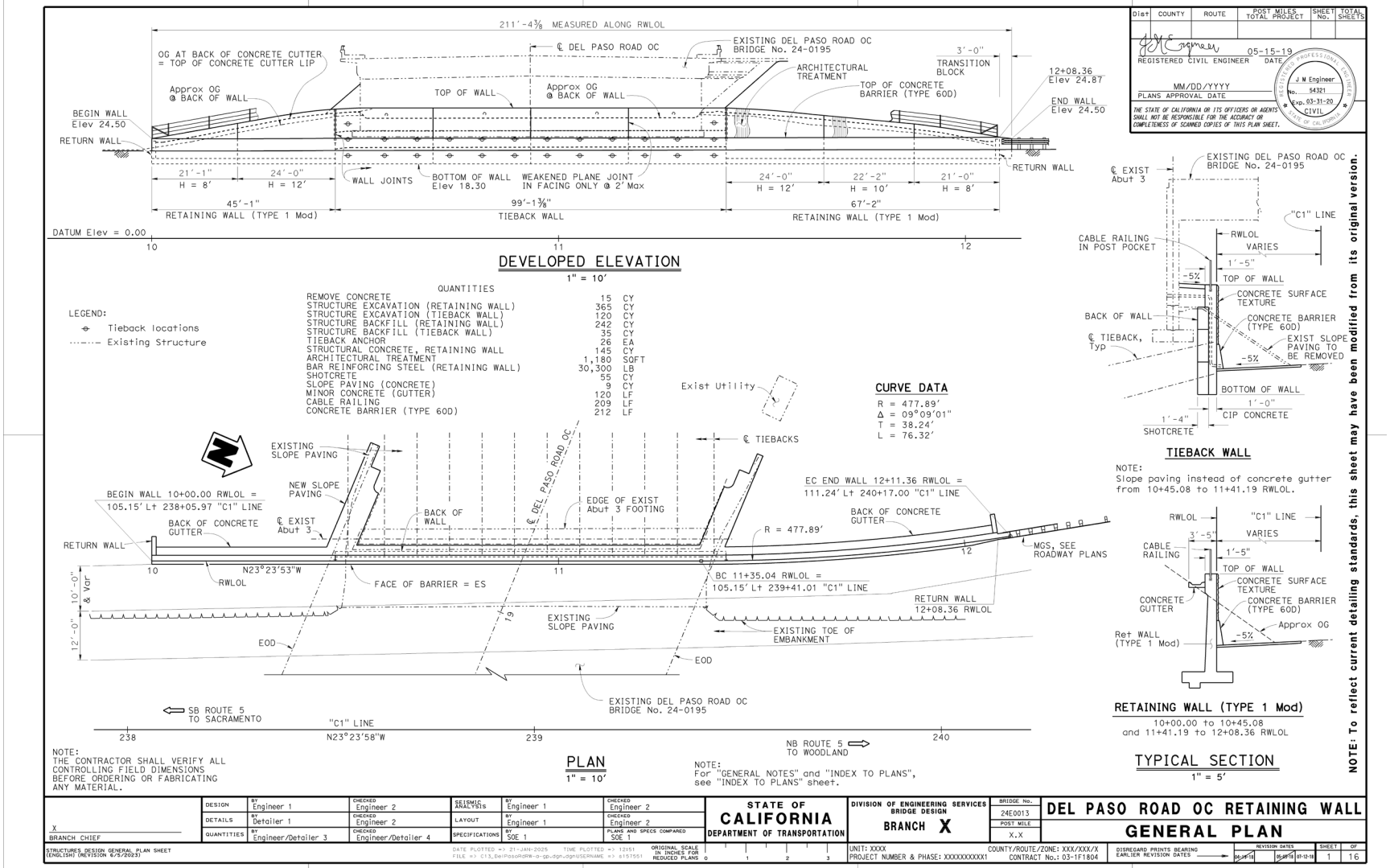


Figure 3A.A.15 General Plan Detailing Example 15

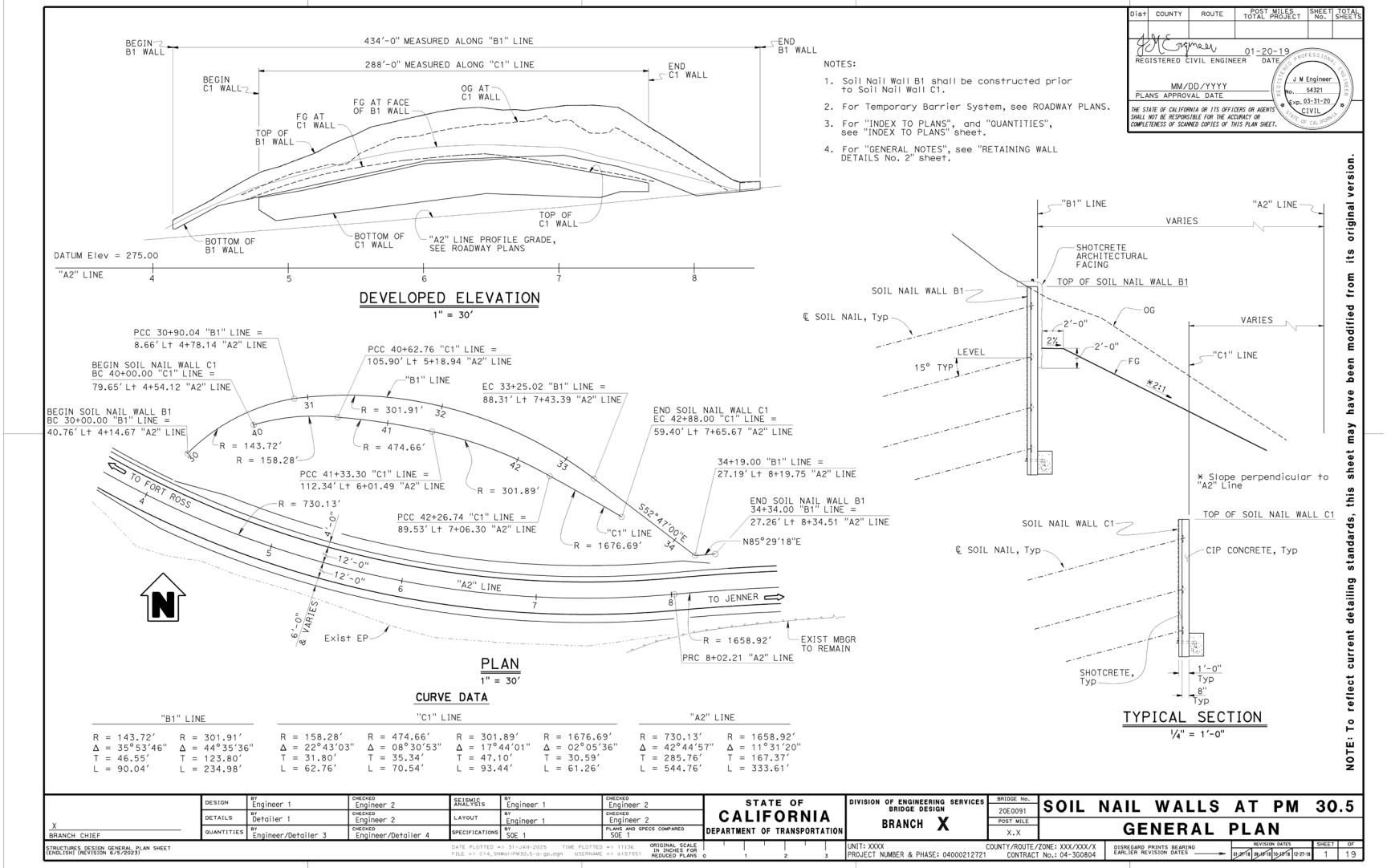


Figure 3A.A.16 General Plan Detailing Example 16

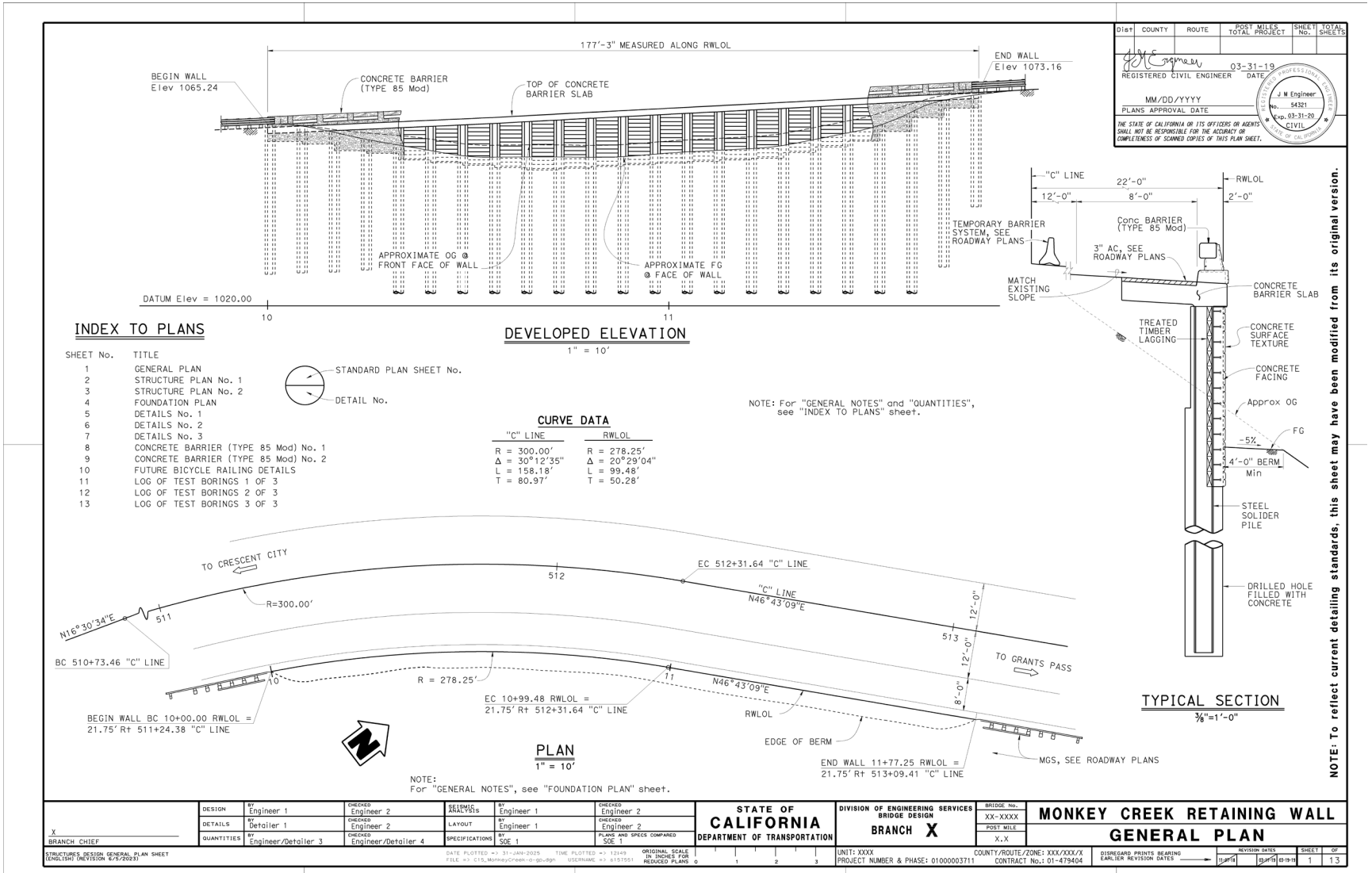


Figure 3A.A.17 General Plan Detailing Example 17

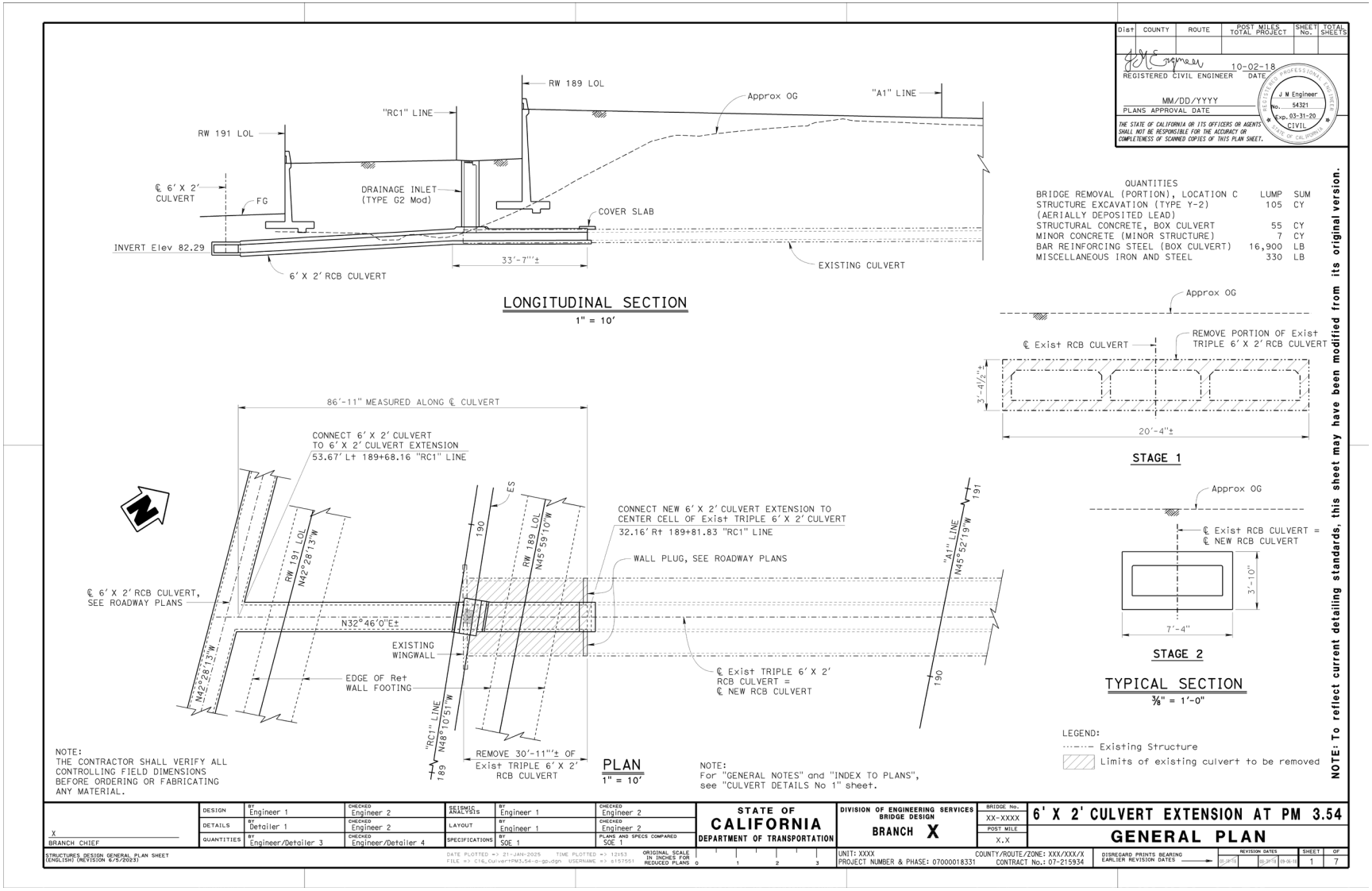


Figure 3A.A.18 General Plan Detailing Example 18

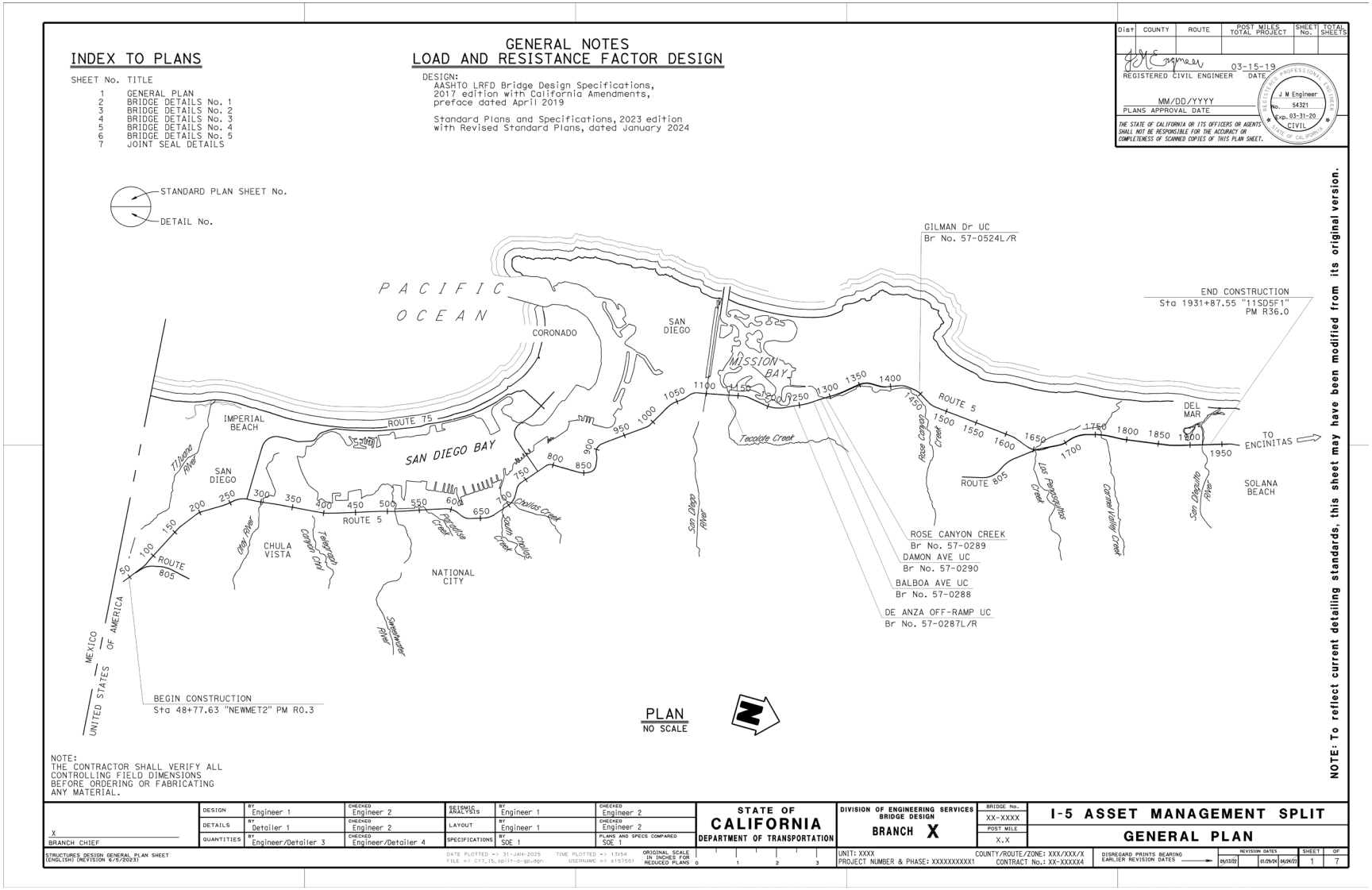


Figure 3A.A.19 General Plan Detailing Example 19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER — DATE 10-01-25

PLANS APPROVAL DATE 11/01/2025

J M Engineer No. 54321 Exp. 07-27-26 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LOCATION TABLE

WORK LOCATION NUMBER	PROJECT EA	WALL TYPE	POST MILE	DIRECTION AND SIDE	APPROACH/ DEPARTURE	CONCRETE BARRIER TRANSITION L_{P_1} (LF)	EXISTING CONCRETE BARRIER REMOVAL (LF)	EXISTING CONCRETE BARRIER TYPE	BARRIER TRANSITION TYPE
1	0S230 & 1W500	Soldier Pile Wall	27.45	SB	DEPARTURE	3.33	3.33	Concrete Barrier (Type 27 Mod) with Barrier Slab	AGT CONNECTION TO (TYPE 27 Mod) - CASE 1
2	0S230 & 1W500	Soldier Pile Wall	27.50	SB	APPROACH	40	1.5	Concrete Barrier (Type 27 Mod) with Barrier Slab	AGT CONNECTION TO (TYPE 27 Mod) - CASE 2
3	49750	Soldier Pile Wall	27.78	SB	DEPARTURE	22.50	6	Concrete Barrier (Type 27 Mod) on Cap Beam	AGT CONNECTION TO (TYPE 27 Mod) - CASE 3
4	49750	Soldier Pile Wall	27.85	SB	APPROACH	22.50	6	Concrete Barrier (Type 27 Mod) on Cap Beam	AGT CONNECTION TO (TYPE 27 Mod) - CASE 3
5	3S470	Soil Nail Wall	29.81	SB	DEPARTURE	40	N/A	Concrete Barrier (Type 736) with Barrier Slab	AGT CONNECTION TO (TYPE 736)
6	3S470	Soil Nail Wall	29.84	SB	APPROACH	40	N/A	Concrete Barrier (Type 736) with Barrier Slab	AGT CONNECTION TO (TYPE 736)
7	1S870	Soil Nail Wall	30.27	NB	DEPARTURE	15	11.83	Concrete Barrier (Type 60D)	AGT CONNECTION TO (TYPE 60D)

GENERAL NOTES
LOAD AND RESISTANCE FACTOR DESIGN

DESIGN:
AASHTO LRFD Bridge Design Specifications, 2017 edition with California Amendments updated March 2025

Standard Plans and Specifications, 2025 edition

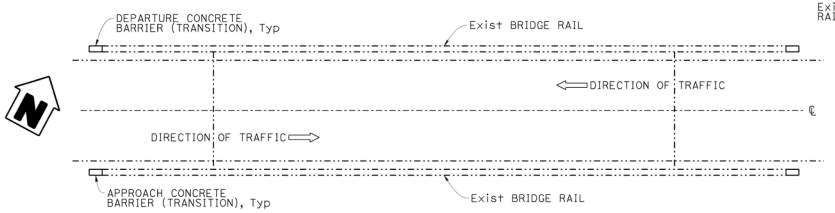
CT:
f_t = 54 kips on Barrier

REINFORCED CONCRETE:
f_y = 60 ksi
f'_c = 3.6 ksi

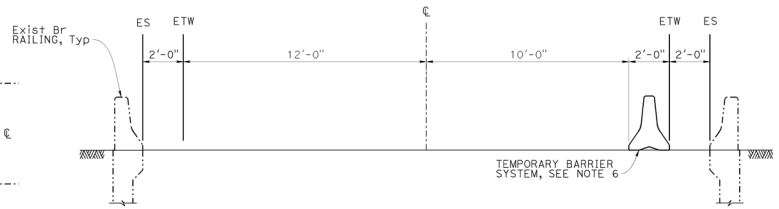
INDEX TO PLANS

NOTES:

1. Align Barrier Transitions with alignment shown on ROADWAY PLANS.
2. Adjust dowels and concrete barrier transition for chamfer.
3. For location details, see "LOCATION TABLE" and ROADWAY PLANS.
4. Concrete cover to reinforcement in Barrier Transition to be 1" above ground and 3" cover below ground except noted. Longitudinal reinforcement shall stop at all expansion joints.
5. Project in place existing conduits if encountered from concrete barrier transition for the conduit diversion to a pull box at back of barrier with one foot minimum bending radius.
6. For Temporary Barrier System details, see ROADWAY PLANS.



PLAN



NOTE: PM 27.45 location shown, others similar.

TYPICAL SECTION

NOTE: To reflect current detailing standards, this sheet may have been modified from its original version.

NO SCALE

X BRANCH CHIEF	DESIGN	BY Engineer 1	CHECKED Engineer 2	SEISMIC ANALYSIS	BY Engineer 1	CHECKED Engineer 2	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES BRIDGE DESIGN BRANCH X	BRIDGE No. XX-XXXX	CONCRETE BARRIER TRANSITION GENERAL PLAN	
	DETAILS	BY Detailer 1	CHECKED Engineer 2	LAYOUT	BY Engineer 1	CHECKED Engineer 2			POST MILE X.X		
	QUANTITIES	BY Engineer/Detailer 3	CHECKED Engineer/Detailer 4	SPECIFICATIONS	BY SOE 1	PLANS AND SPECS COMPARED SOE 1					

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 6/5/2023)

DATE PLOTTED => 1-OCT-2025 TIME PLOTTED => 07:29
FILE => C18_04-4q800-a-gp.dgn USERNAME => s157551
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: XXXX PROJECT NUMBER & PHASE: 04190004821
COUNTY/ROUTE/ZONE: XXX/XXX/X CONTRACT No.: 04-4q8001

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES			SHEET	OF
5-19-25	5-29-25	6-30-25	1	7