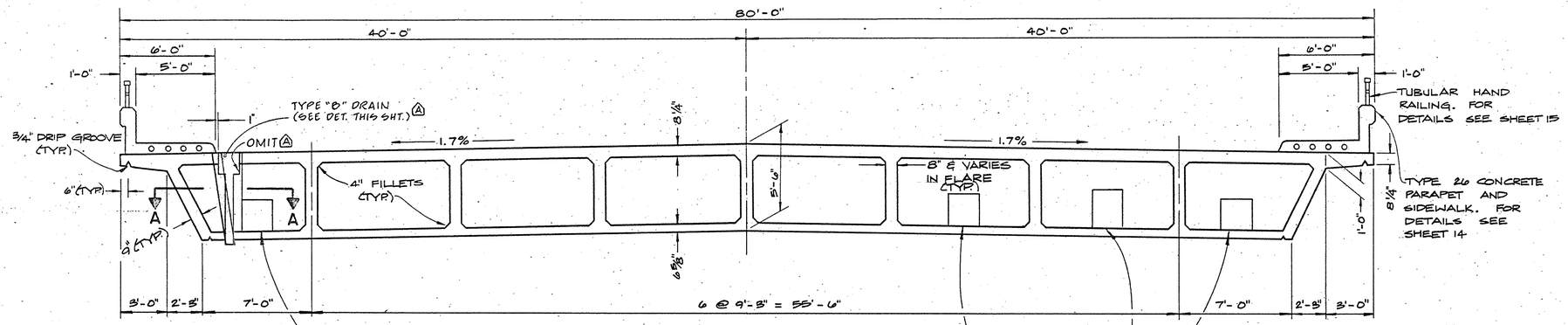
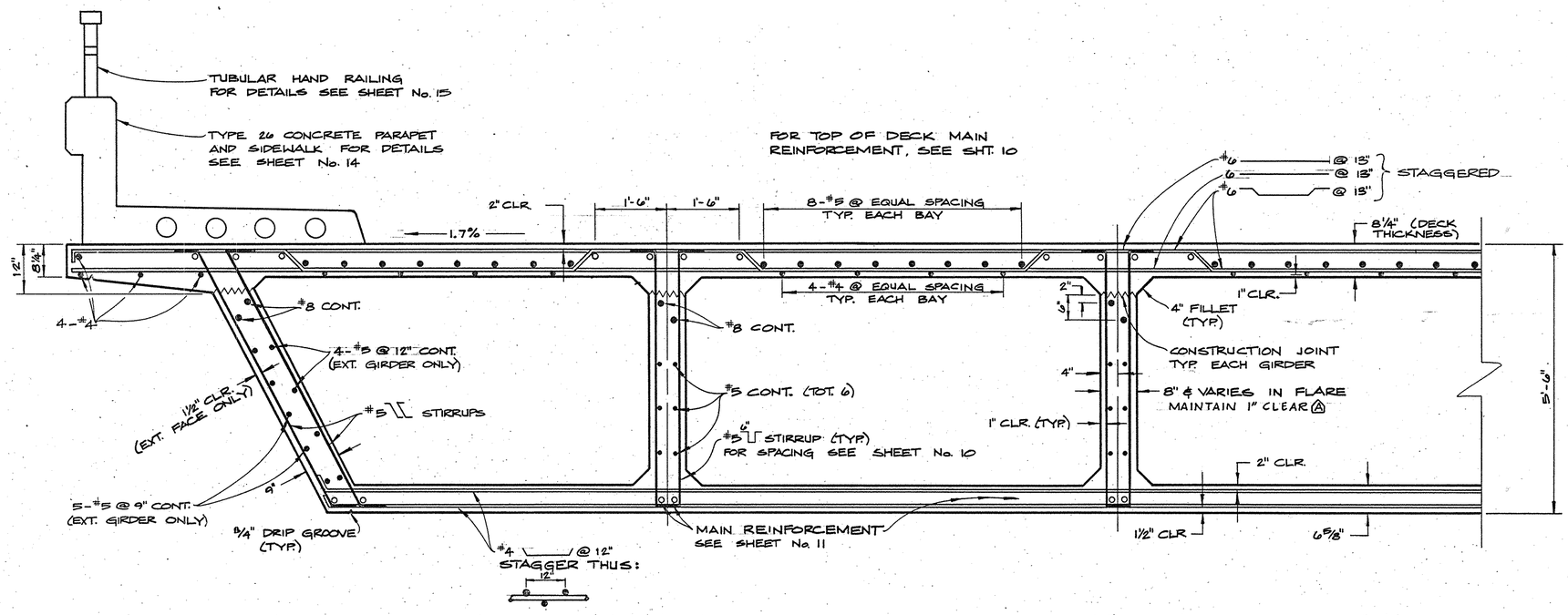


TYPICAL SECTION

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



PART TYPICAL SECTION

SCALE: 3/4" = 1'-0"

GENERAL NOTES

SPECIFICATIONS

DESIGN: AASHTO "STANDARD SPECIFICATION FOR HIGHWAY BRIDGES" 12TH EDITION 1977 WITH APPROPRIATE CALTRANS REVISIONS, AND CALTRANS "BRIDGE DESIGN AIDS" AND "BRIDGE DESIGN DETAILS" MANUALS.

LIVE LOADING: P-13 WITH SERVICE LOAD CHECKS (HS-20)

SEISMIC: CAUSATIVE FAULT: NEWPORT-INGLEWOOD; MAXIMUM CREDIBLE: M 7, DISTANCE TO FAULT: 5 MILES, DEPTH TO ROCK-LIKE MATERIAL: 80'-150', PEAK ROCK "A": 0.4g, STRUCTURE PERIOD: 2.06 sec.

PILE LOADING: 70 TONS TYPE: CLASS 70

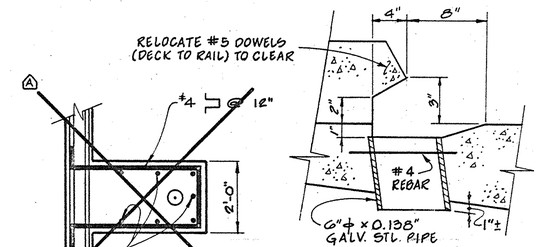
MATERIALS:

REINFORCING STEEL: $F_y = 60,000$ psi

REINFORCING LAPS: BARS #8 AND SMALLER LAP 45 DIAMETERS OF SMALLER BAR JOINED. BARS #9, #10, AND #11 LAP 60 DIAMETERS OF SMALLER BAR JOINED.

CONCRETE: CLASS. 560-C-3250 TYPE II
$f'_c = 3250$ psi @ 28 DAYS
$V_c = 126$ psi n=8 : BRIDGE DECK 6SB-C-3250 (7-SACK)

CONSTRUCTION: STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION DATED 1979, EMA STANDARD PLANS, AND THE SPECIAL PROVISIONS.



SECTION A-A

NO SCALE

TYPE "D-1" DRAIN MODIFIED

WHEN DRAIN INTERFERES WITH MAIN REINFORCEMENT, MOVE REINFORCEMENT TOWARD EDGE OF DECK. SEE SHEET #10 FOR DECK DRAIN LOCATIONS.

Ⓐ TYPE "B" DRAIN

FOR TYPE 25 BARRIER RAIL (PER CALTRANS DET. 7-3)

NO SCALE

1/2 0 1 2
3 inches on original drawing

AS BUILT

WHILE THIS [illegible] IS BELIEVED TO BE ACCURATE, THE ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY WILL NOT BE RESPONSIBLE FOR OMMISSIONS, ERRORS, OR INACCURACIES.

MARK	DATE	DESCRIPTION
Ⓐ	6/83	[illegible]

REVISIONS

DESIGNED MMHSU
DRAWN PLB CHECKED GWF

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

TALBERT — MACARTHUR BRIDGE ACROSS SANTA ANA RIVER

TYPICAL SECTION

PREPARED UNDER SUPERVISION OF [signature] 4/82 DATE

SCALE AS SHOWN | DATE 4/82 | DWG. NO. | SHEET 9