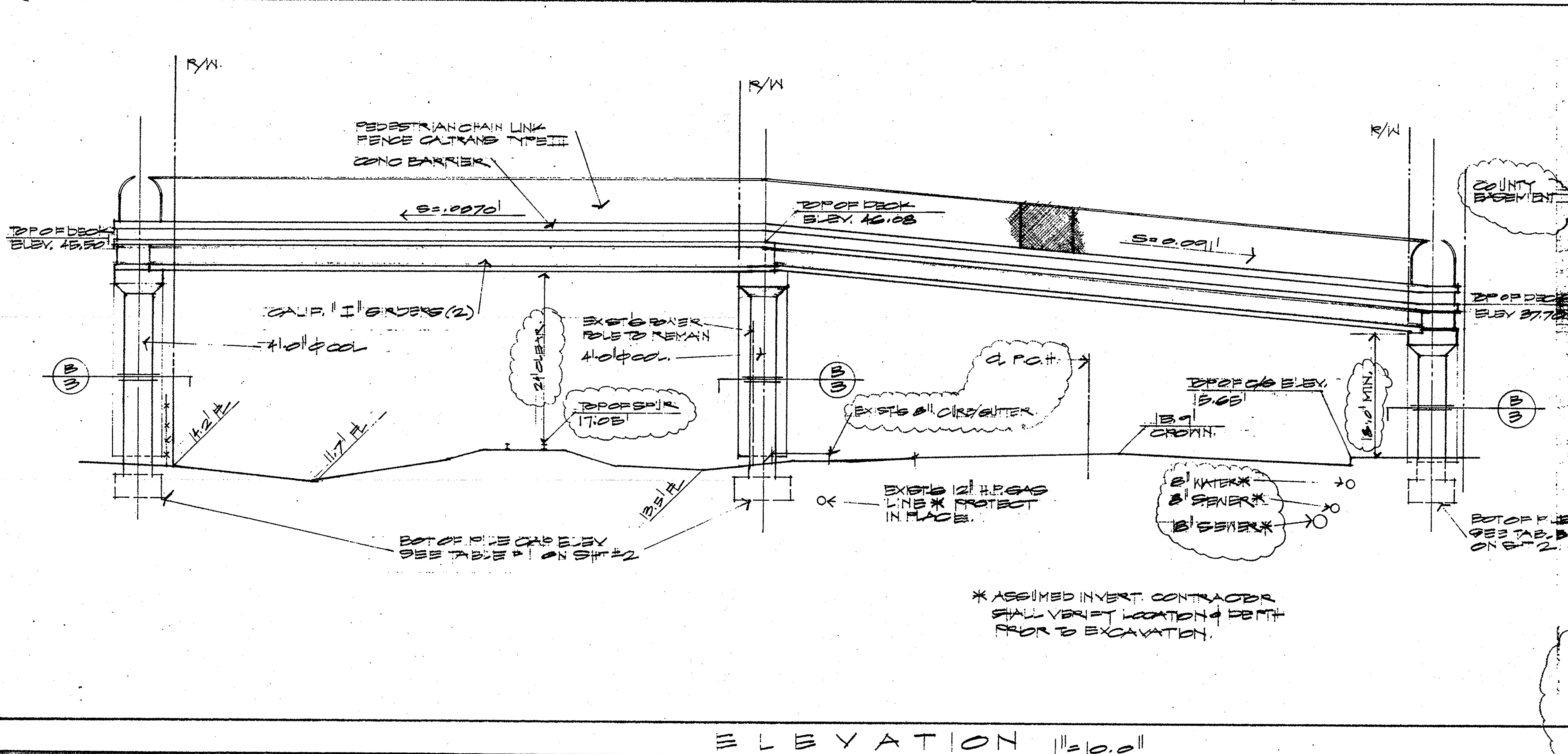
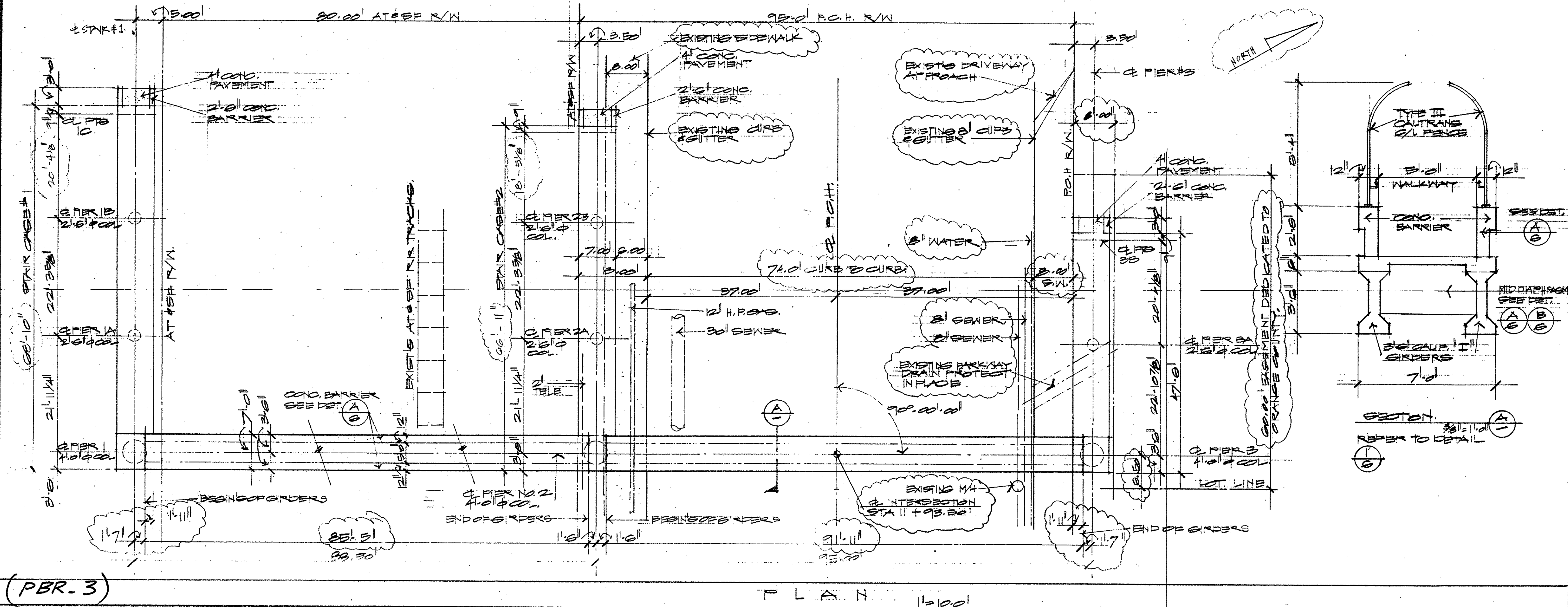




- ### GENERAL NOTES
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION FOR PUBLIC WORK CONSTRUCTION, 1994 EDITION.
 - DESIGN CRITERIA
 - A. DESIGN SPECIFICATION - AASHTO STANDARD SPEC, 1983
 - B. MATERIALS
 - CEMENT - PORTLAND CEMENT TYPE II MODIFIED
 - GIRDERS - CALIFORNIA STANDARD "I" $f'_c = 5500$ PSI
 - DIAPHRAGM $f'_c = 2500$ PSI
 - CIP DECK $f'_c = 4000$ PSI
 - COLUMNS, STAIRS, PILE CAPS $f'_c = 4000$ PSI
 - PRECAST PILES $f'_c = 5000$ PSI
 - STEEL REINFORCEMENTS $F_y = 60$ KSI
 - PRESTRESSING STEEL - SEVEN WIRE STRESS RELIEF $F_{pu} = 270$ KSI
 - BOILTS $F_{pi} = 70.7$ KSI
 - STEEL SECTIONS $A - 36$
 - C. DESIGN LOADS
 - GIRDER DEAD LOAD - NORMAL WEIGHT CONCRETE
 - DECK AND BARRIER DEAD LOAD - NORMAL WEIGHT CONCRETE
 - LIVE LOAD - 85 PSF, NO REDUCTION
 - SEISMIC ZONE - III
 - CONTRACTOR PRIOR TO WORK SHALL CONTACT UTILITY AGENCIES REGARDING POSSIBLE INTERFERENCES DURING FIELD DRIVING OR ANY OTHER PART OF THE WORK. PIKE NO. 2 MAY HAVE INTERFERENCE WITH THE EXISTING POWER AND TELEPHONE OVERHEAD LINE, SAID INTERFERENCE SHALL BE RESOLVED TO THE SATISFACTION OF THE UTILITY AGENCIES.
 - THE STAIR LANDING GRADES ARE BASED ON PRELIMINARY TOPO INFORMATION, WHICH MAY BE DIFFERENT FROM THE ACTUAL FIELD GRADES. CONTRACTOR SHALL VERIFY THOSE GRADES PRIOR TO ANY STAIR WORK WHERE STAIRS HAVE TO MATCH. IF DISCREPANCY IS DISCOVERED, IT SHALL BE REPORTED TO THE ENGINEER.
- BASIS OF BEARING**
 THE BEARINGS OF NEW 41' 0" W' BEING THE CENTERLINE OF EXIST. HWY. AS SHOWN ON CONTRACT NO. 777 OFFICIAL RECORDS, COUNTY OF ORANGE.
 BENCH MARK, 1955, 28.50.00 ELEV. 14.725 FT. ADJ. 0.5 MI. S.E. ALONG A.T. & S.F. HWY FROM THE HWY 101 ALT. UNDERPASS AT CARD. RD., 10.5 FT. S.W. OF C.L. OF THE HWY, 13 FT. N.E. OF THE N.E. RAIL OF THE HWY, ACROSS THE HWY FROM BLDG. NO. 34000, 0.7 FT. N.W. OF S.E. END OF A CONC. HEADWALL ABOUT 25 FT. BELOW THE HWY.

FORBES MANSHADI ENG.
 STRUCTURAL DESIGN & CONSULTING
 1990 S. 17TH ST., SUITE 100
 OAKLAND, CA 94612
 (415) 835-8881



CAPISTRANO SUBSIDIE INN
 LOT 6-14, BLOCK 2, TRACT 777 AC.
 34680 PCH. C.B.
 PEDESTRIAN BRIDGE

EMA - REGULATION		RCE	DATE	APPROVE
THIS PLAN IS SIGNED BY EMA/REGULATION. FOR ANY CHANGES TO COUNTY STANDARDS, CONTRACTOR SHALL VERIFY ASSUMPTIONS.				

AGREEMENT NO. DOI-088

FME # 285-367
 5-13-85

PBR-3

SHT 1 OF 6