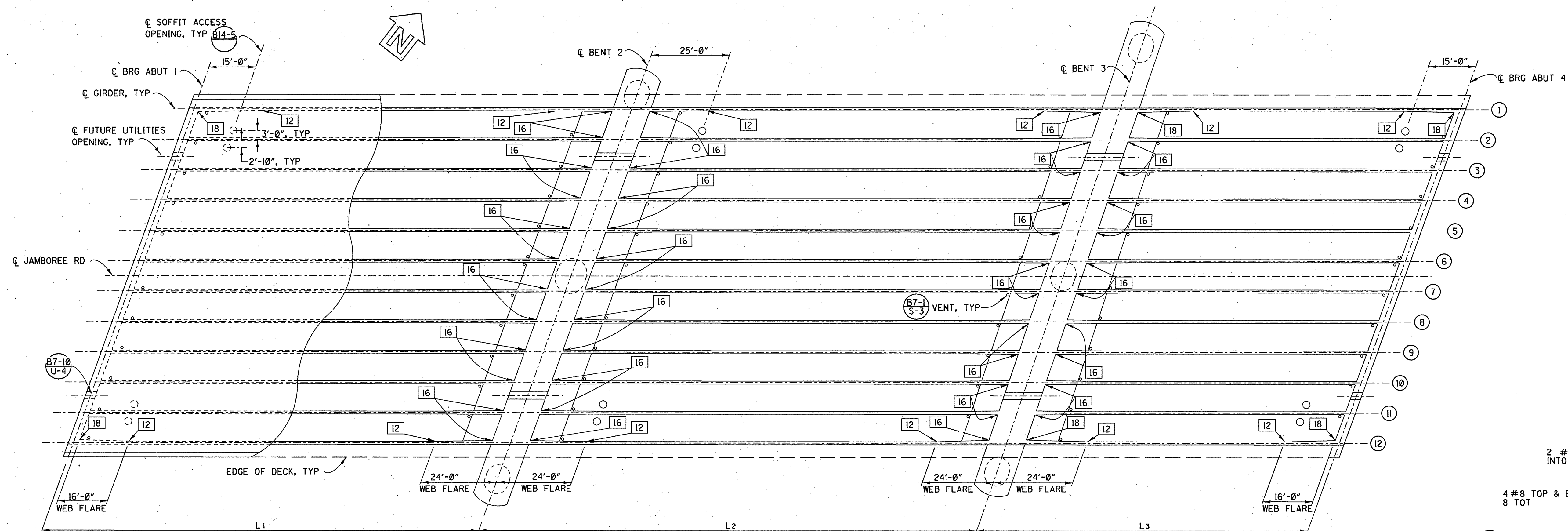
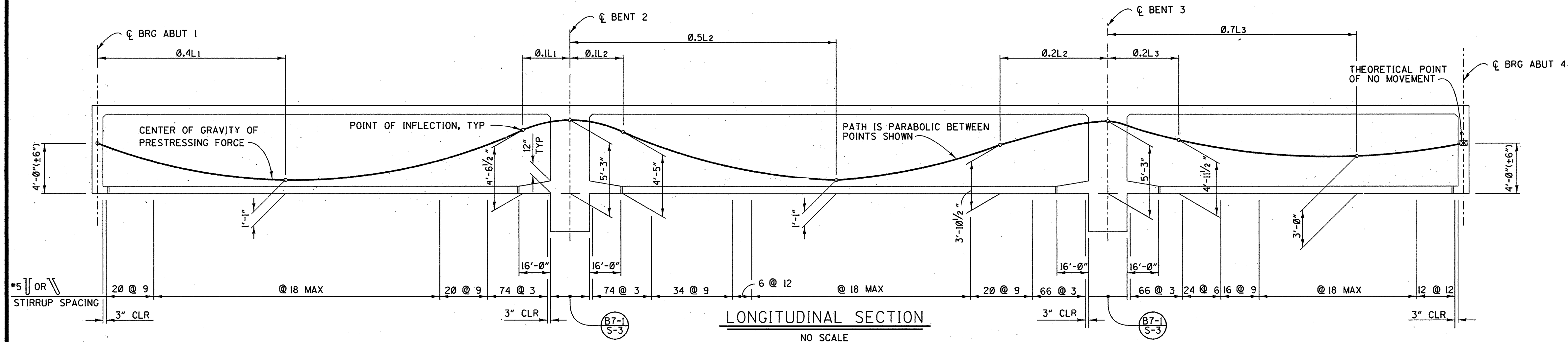
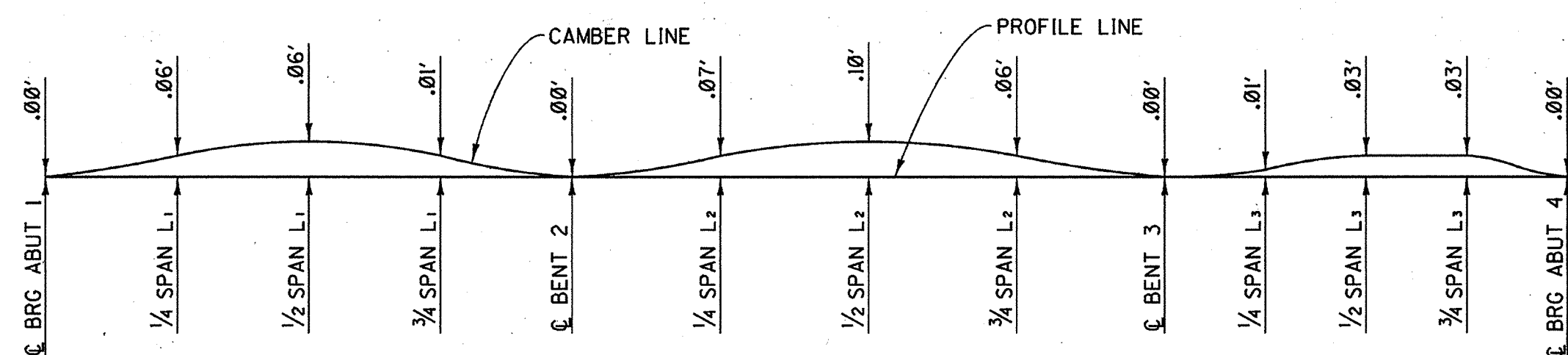




GIRDER LAYOUT
1" = 20'-0"



LONGITUDINAL SECTION
NO SCALE

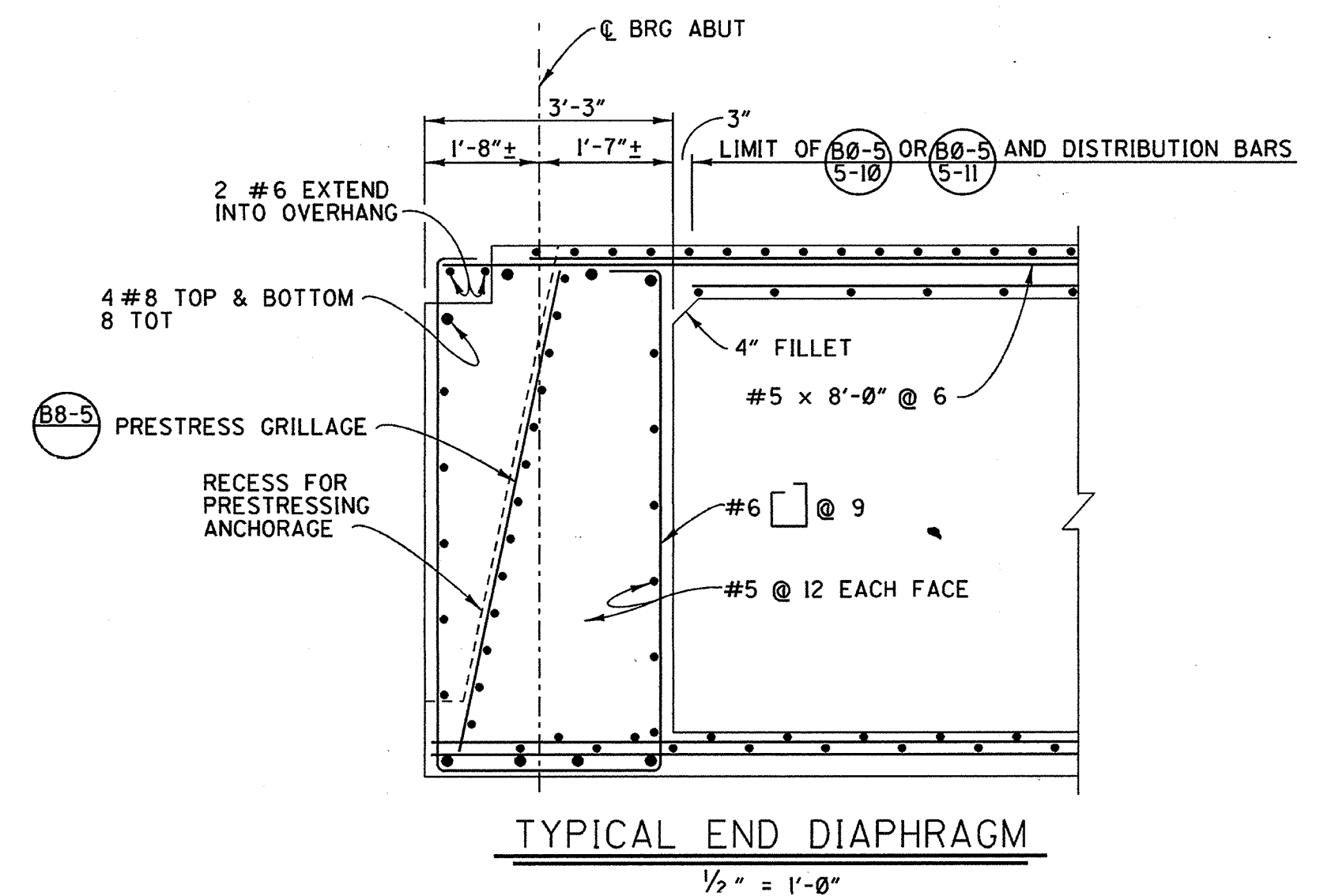


CAMBER DIAGRAM
NO SCALE

NOTE: CAMBER DOES NOT INCLUDE ALLOWANCE FOR FALSEWORK SETTLEMENT.

PRESTRESSING NOTES:

- 270 KSI LOW RELAXATION STRAND:
PJACK = 21,500 KIPS
ANCHOR SET = 3/8 INCH
TOTAL NUMBER OF GIRDER = 12
- DISTRIBUTION OF PRESTRESS FORCE (PJACK) BETWEEN GIRDERS SHALL NOT EXCEED THE RATIO 3:2. MAXIMUM FINAL FORCE VARIATION BETWEEN GIRDERS SHALL NOT EXCEED 725 K.
- CONCRETE: F'C = 5000 PSI @ 28 DAYS
F'CI = 3500 PSI @ TIME OF STRESSING
- CONTRACTOR SHALL SUBMIT ELOGATION CALCULATIONS BASED ON INITIAL AT = 0.857 TIMES JACKING STRESS.
- STRESSING SHALL BE PERFORMED FROM ABUTMENT 1.
- SEE STANDARD DRAWING (B8-5) FOR ADDITIONAL NOTES AND DETAILS.
- FOR STRESSING SEQUENCE, SEE BENTS 2 & 3 PRESTRESSING DETAILS" SHEET.



NOTES:

- (B8-5) DENOTES GIRDER STEM WIDTH = 18"
- FOR DECK DRAIN LOCATIONS SEE "DECK DRAIN DETAILS" SHEET.

URS GREINER, INC.
1241 EAST DYER ROAD, SUITE 250
SANTA ANA, CALIFORNIA 92705-5605

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
JAMBOREE ROAD GRADE SEPARATION AT EDINGER AVENUE	
GIRDER LAYOUT	
DESIGNED: J.W.	SHEET
DRAWN: A. GOMEZ	109
SCALE: AS SHOWN	DATE: 6-97
CHECKED: G.L.R.	DRAWING NO.
DATE: 5-97	OF 120

DR. 1 (16157)