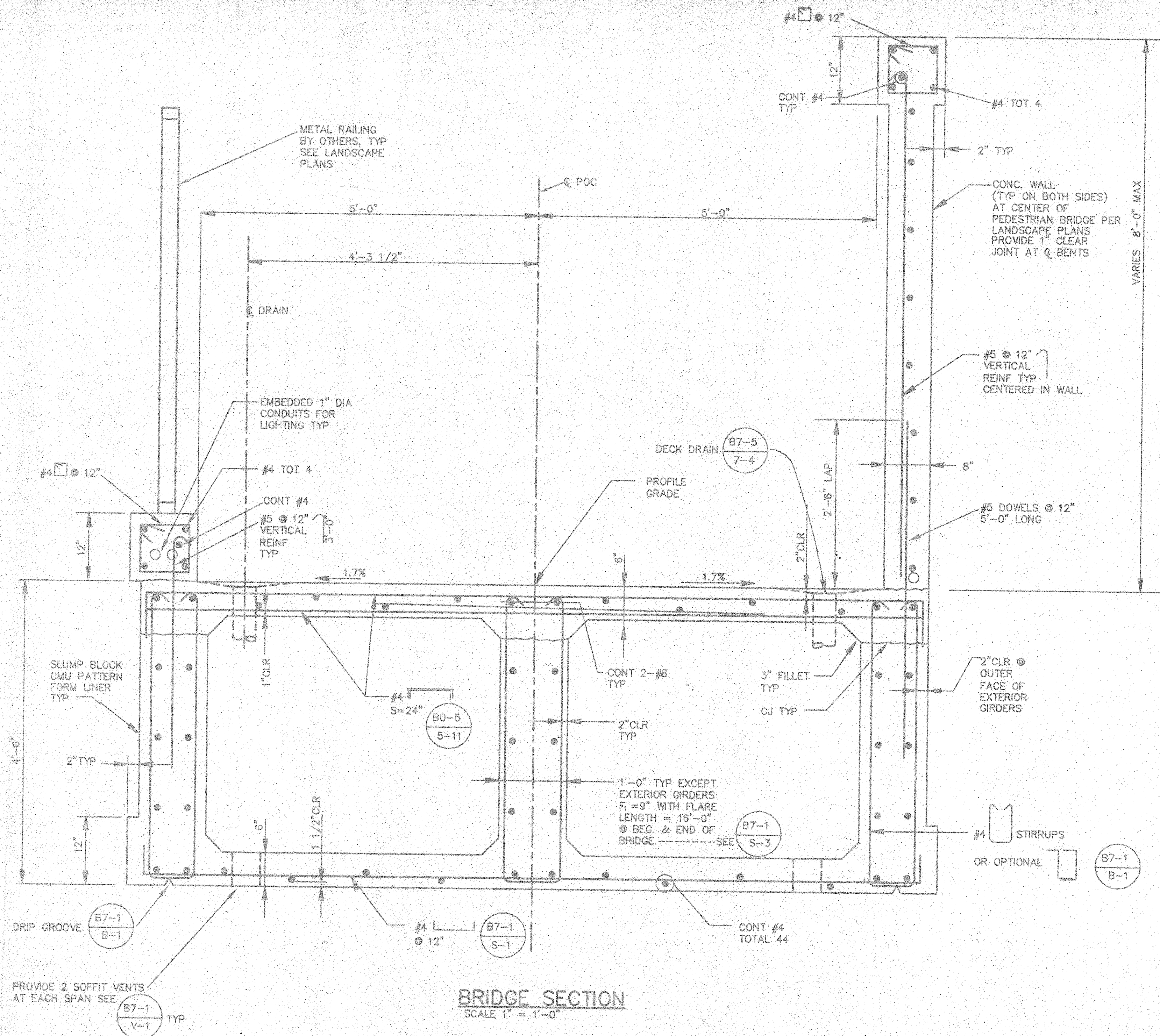




PRESTRESSING NOTES

270 ksi LOW RELAXATION STRAND:

P Jack = 2120 kips

ANCHOR SET = 3/8 INCH

TOTAL NUMBER OF GIRDERS = 5

DISTRIBUTION OF PRESTRESS FORCE (P Jack) BETWEEN GIRDERS SHALL NOT EXCEED THE RATIO OF 3:2. MAXIMUM FINAL FORCE VARIATION BETWEEN GIRDERS SHALL NOT EXCEED 325 kips

CONCRETE:

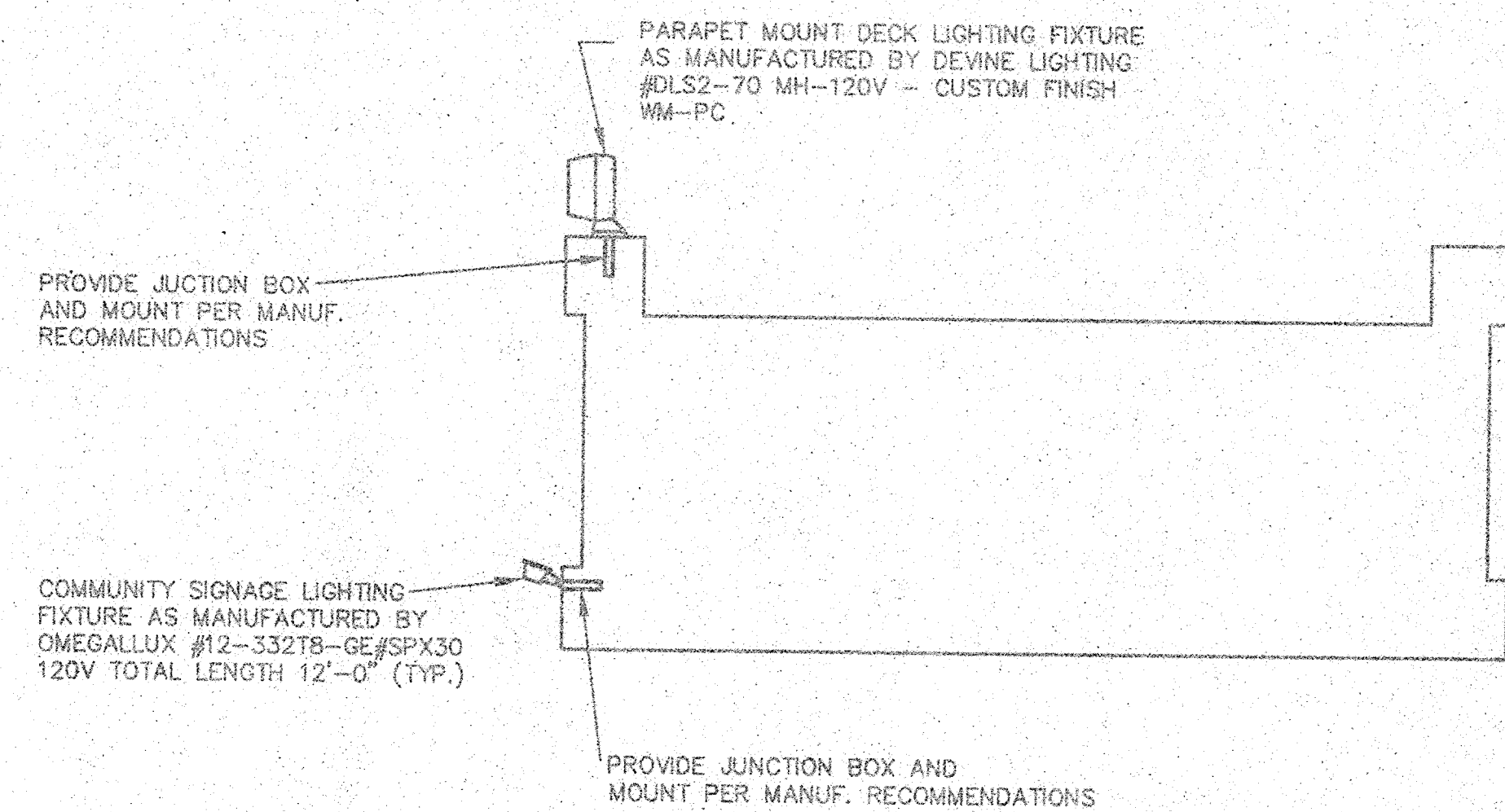
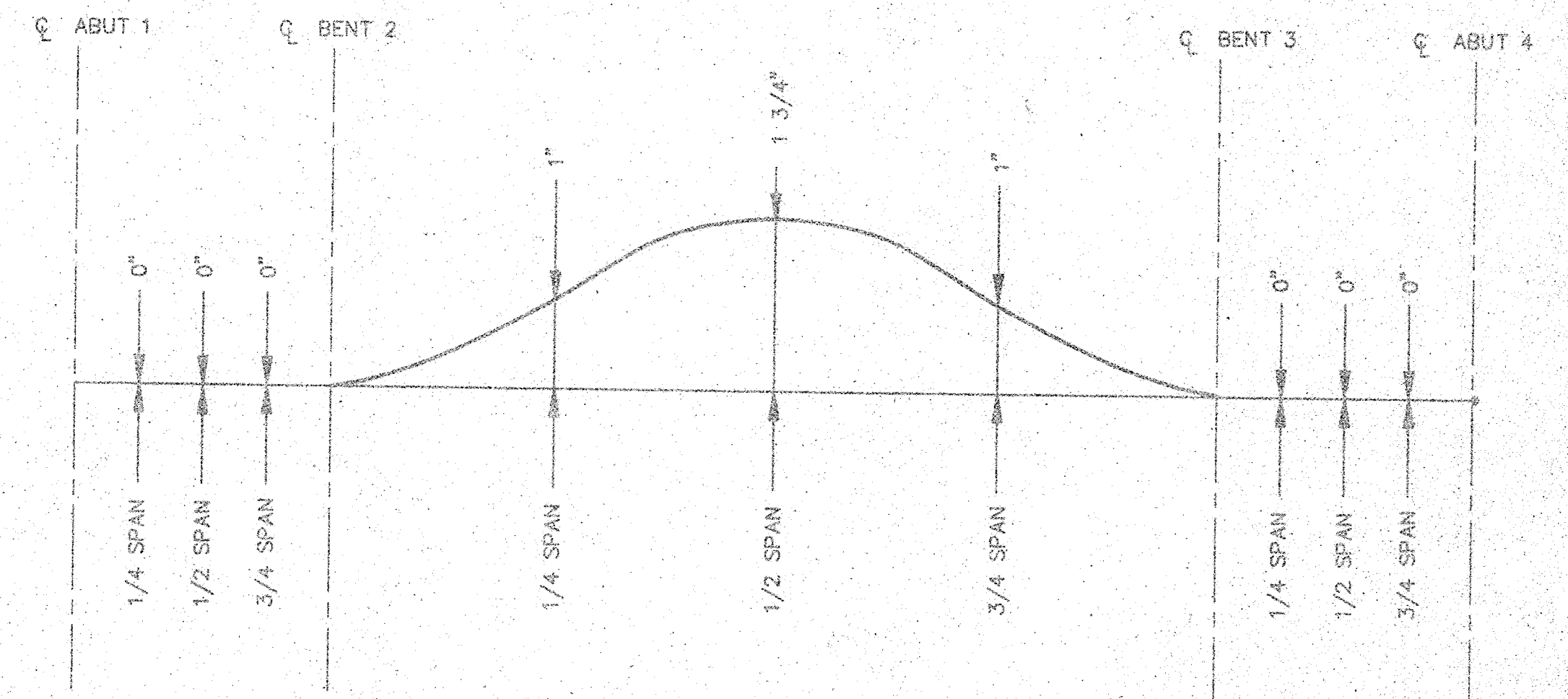
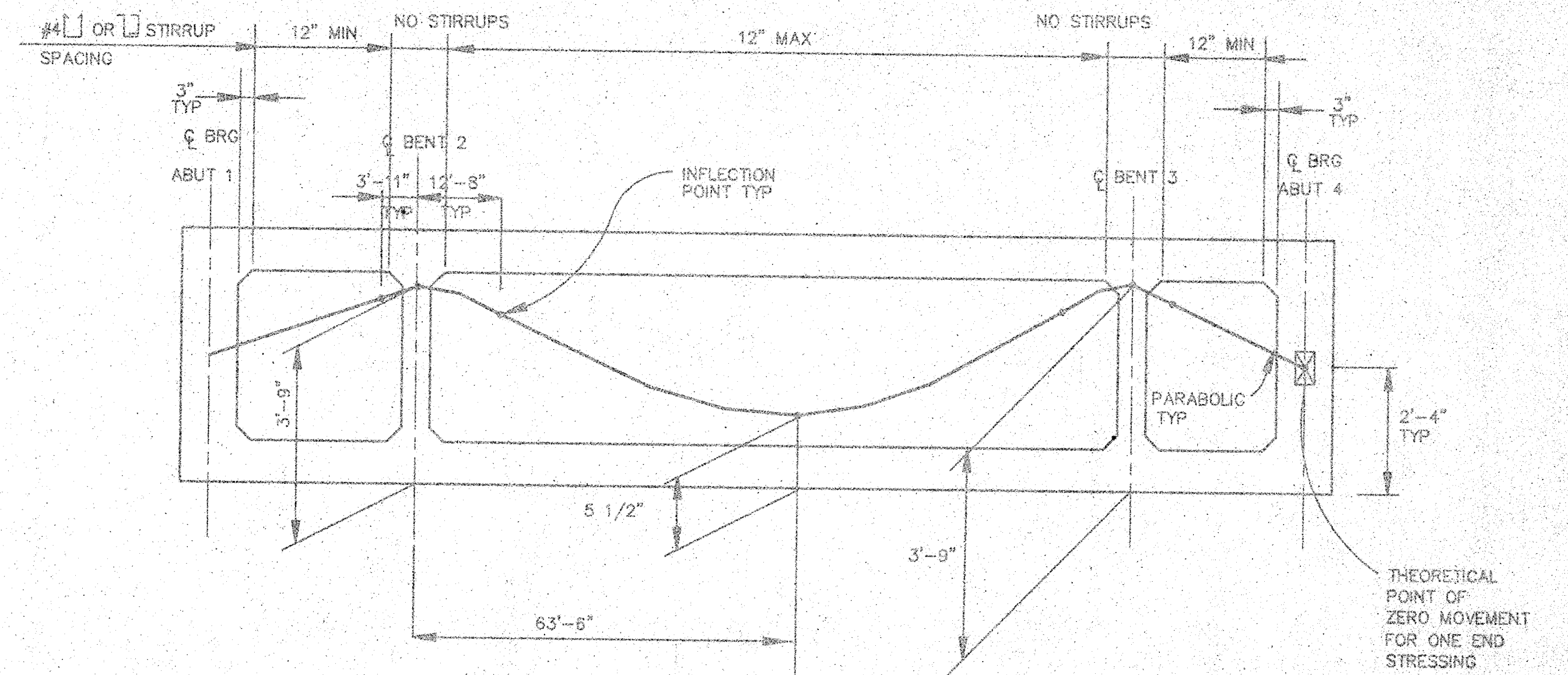
$f'_c = 4.5$ ksi @ 28 DAYS

$f'_c = 3.5$ ksi @ TIME OF STRESSING

CONTRACTOR SHALL SUBMIT ELONGATION CALCULATIONS BASED ON INITIAL STRESS AT

☒ = 0.856 TIMES JACKING STRESS

ONE END STRESSING SHALL BE PERFORMED AT ABUTMENT 1 ONLY.



NOTE: SEE "GENERAL PLAN" FOR FIXTURE SPACING

CONCRETE STRENGTH AND TYPE LIMITS

NO SCALE

NO.	DESCRIPTION	BY/DATE	APPROVED/DATE

HUITT-ZOLLARS			
15101 Road 114 Avenue, Tustin, CA 92780 (714) 258-7900			
PREPARED UNDER THE SUPERVISION OF	DATE	EXPIRES	DATE
William R. Earl	12-31-88	CAREER	12-31-88
WILLIAM R. EARL			

DESIGNED BY	
WRE	
DRAWN BY	
MMF/LJ	
CHECKED BY	
RJM	
FIELD BOOK	

ORDER DETAILS	
OSO PARKWAY PEDESTRIAN BRIDGE	
LAS FLORES	
SHEET	8
OF	10
SHEETS	