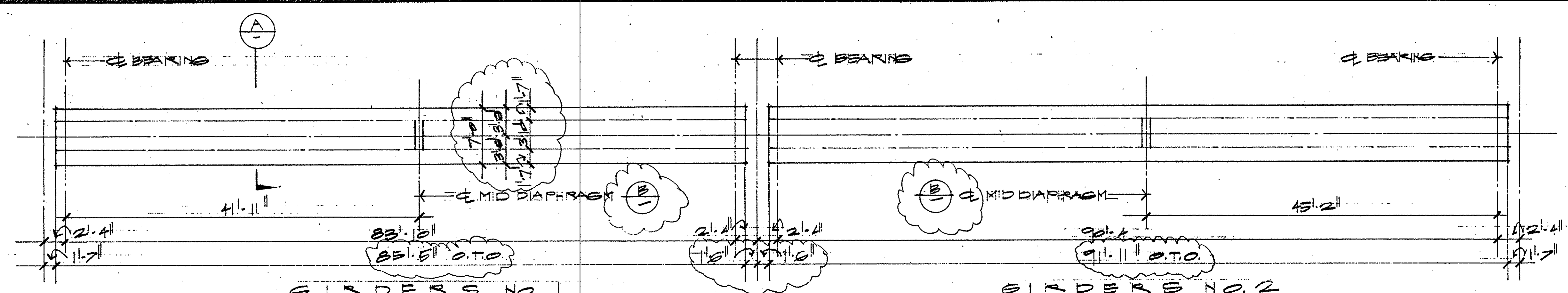
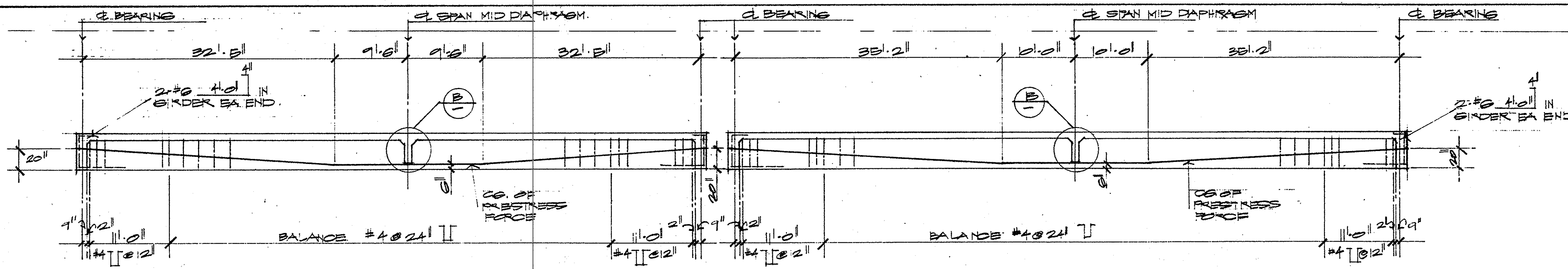


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GIRDER LAYOUT PLAN 1/8" = 1'-0"



GIRDER PROFILE 1/8" = 1'-0"

PRECAST GIRDER NOTES:

1. GIRDERS SHOWN ARE STD. CALIF. 'I' SECTIONS. CONTRACTOR MAY PROVIDE ALTERNATE DESIGN IN WHICH CASE CONTRACTOR SHALL SUBMIT TO OWNER COMPLETE DESIGN DATA & CALCULATIONS SIGNED BY A REGISTERED ENGINEER IN THE STATE OF CALIF. DESIGNS SHALL BE IN ACCORDANCE WITH 1983 EDITION OF STD. SPECIFICATION FOR HIGHWAY BRGS BY AASHTO WITH APPLICABLE MODIFICATION BY CALIF. DEPT. OF TRANSPORTATION.

2. MATERIAL:

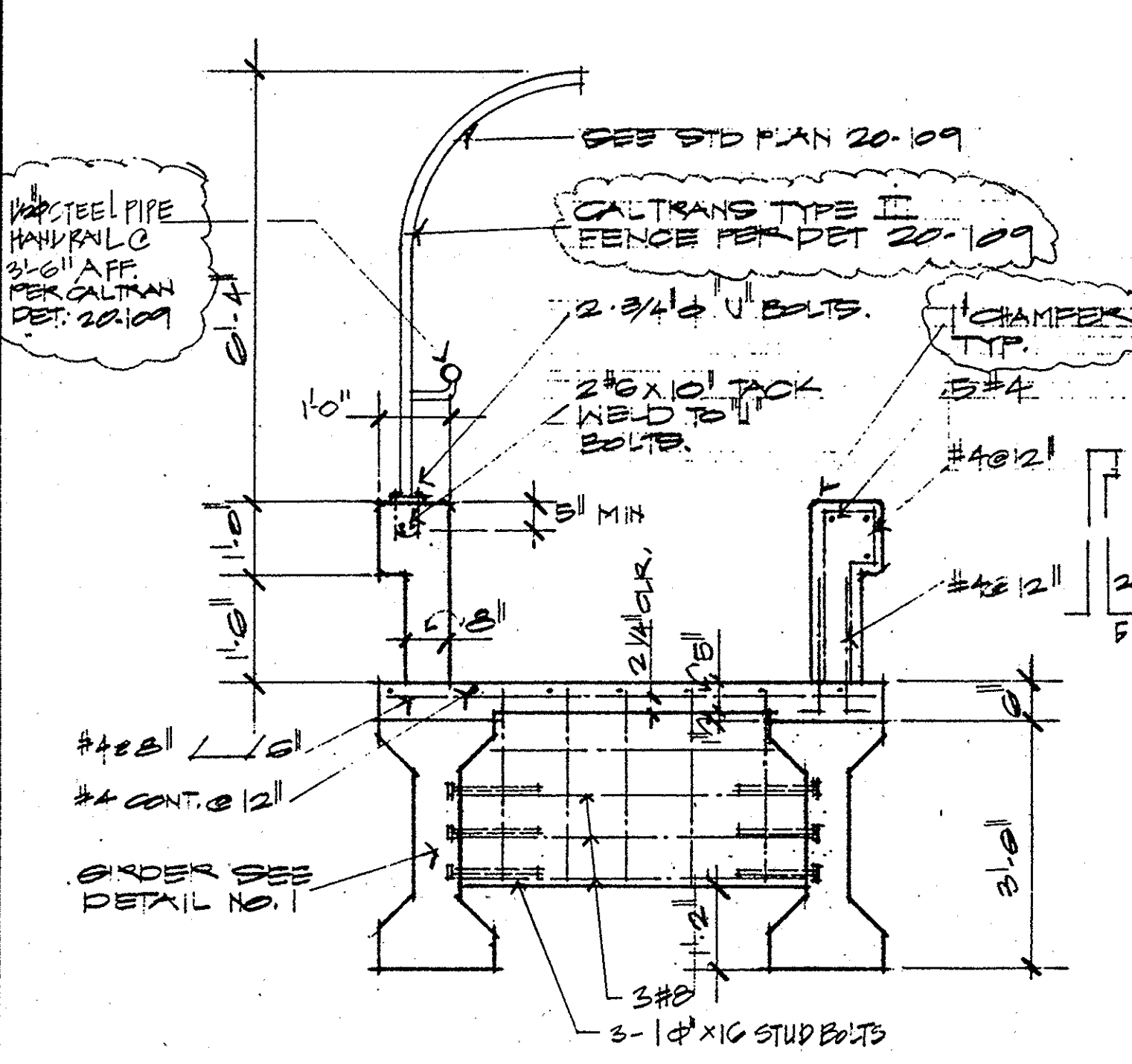
CONCRETE: $f'_c = 5500$ PSI
 $f_{ci} = 2500$ PSI

PRESTRESS: SEVEN WIRE STRESS RELIEVED STRANDS $f_{pu} = 270$ KSI
STEEL: MAX $f_{pi} = 70\%$ f_{pu} TRANSFER.

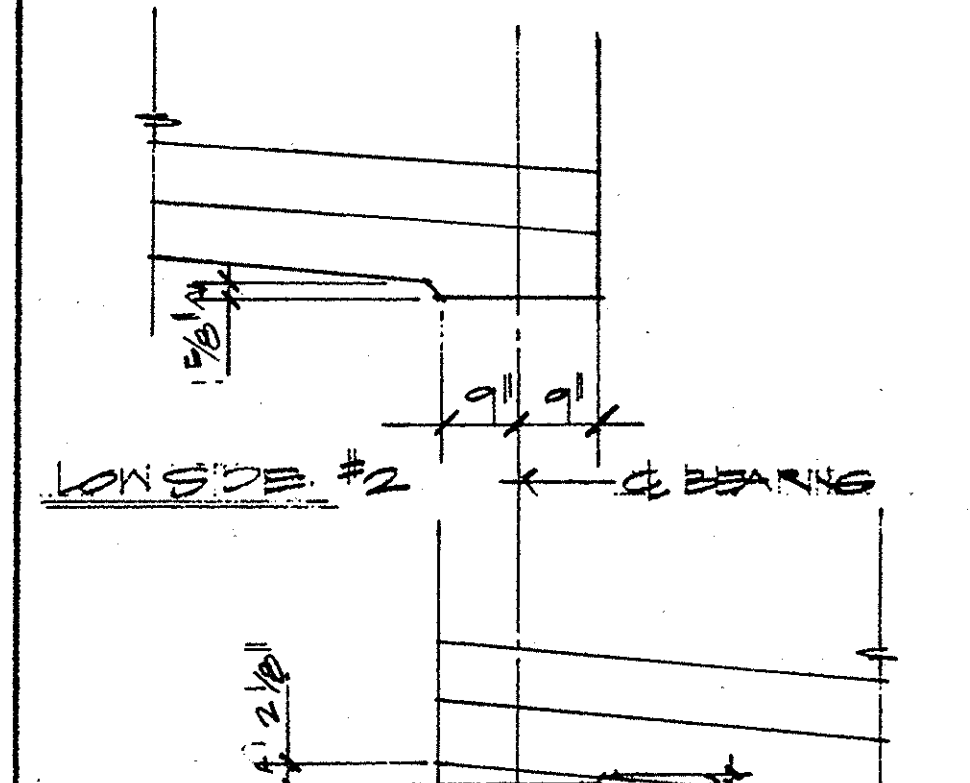
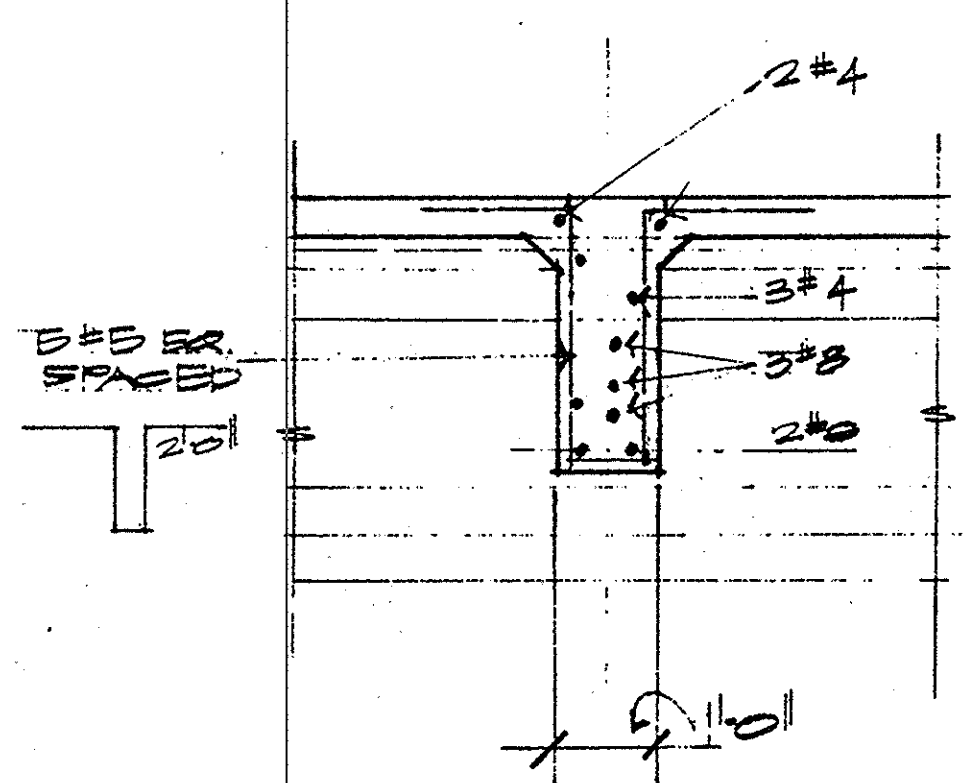
JACK GIRDERS NO. 1 = 640 KIPS
GIRDERS NO. 2 = 694 KIPS

TOTAL ELASTIC & INELASTIC LOSSES = 80 KIPS

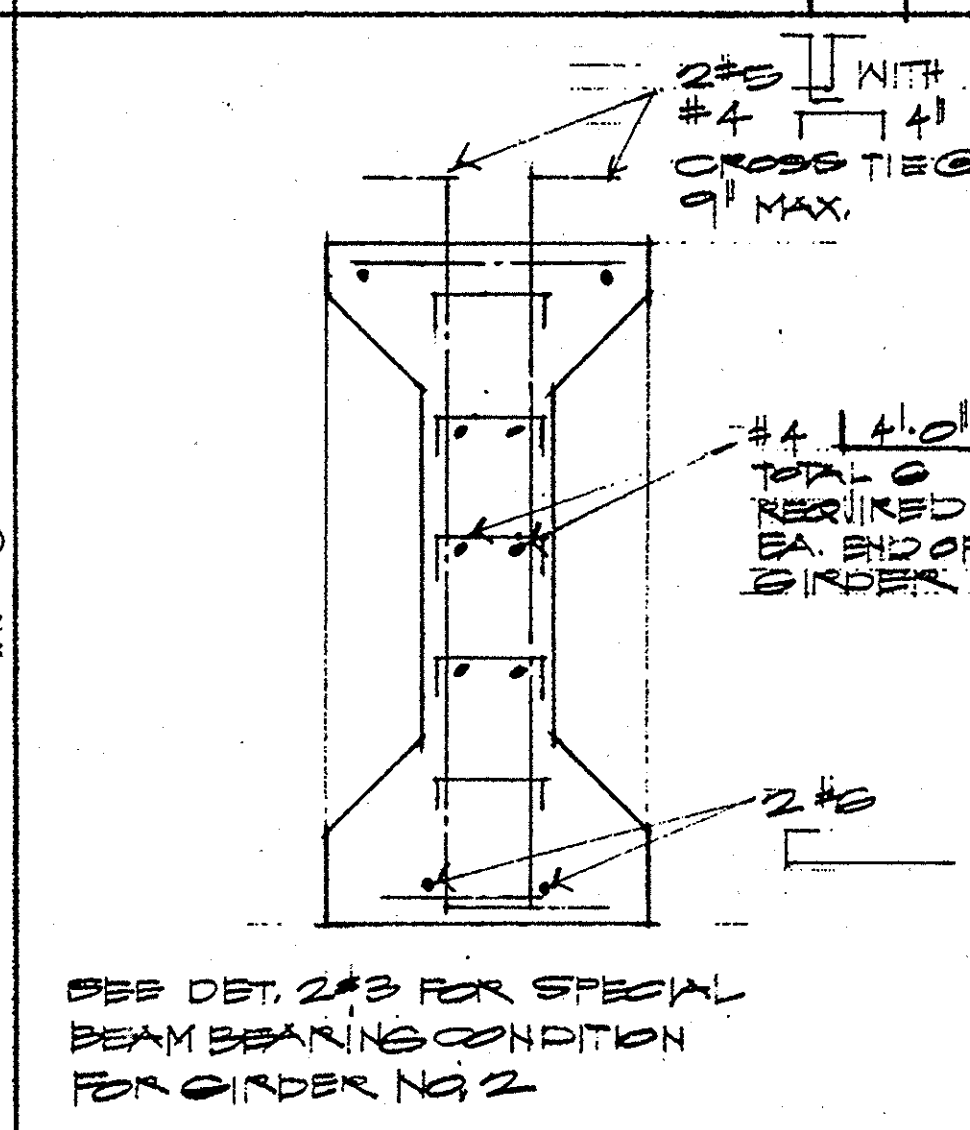
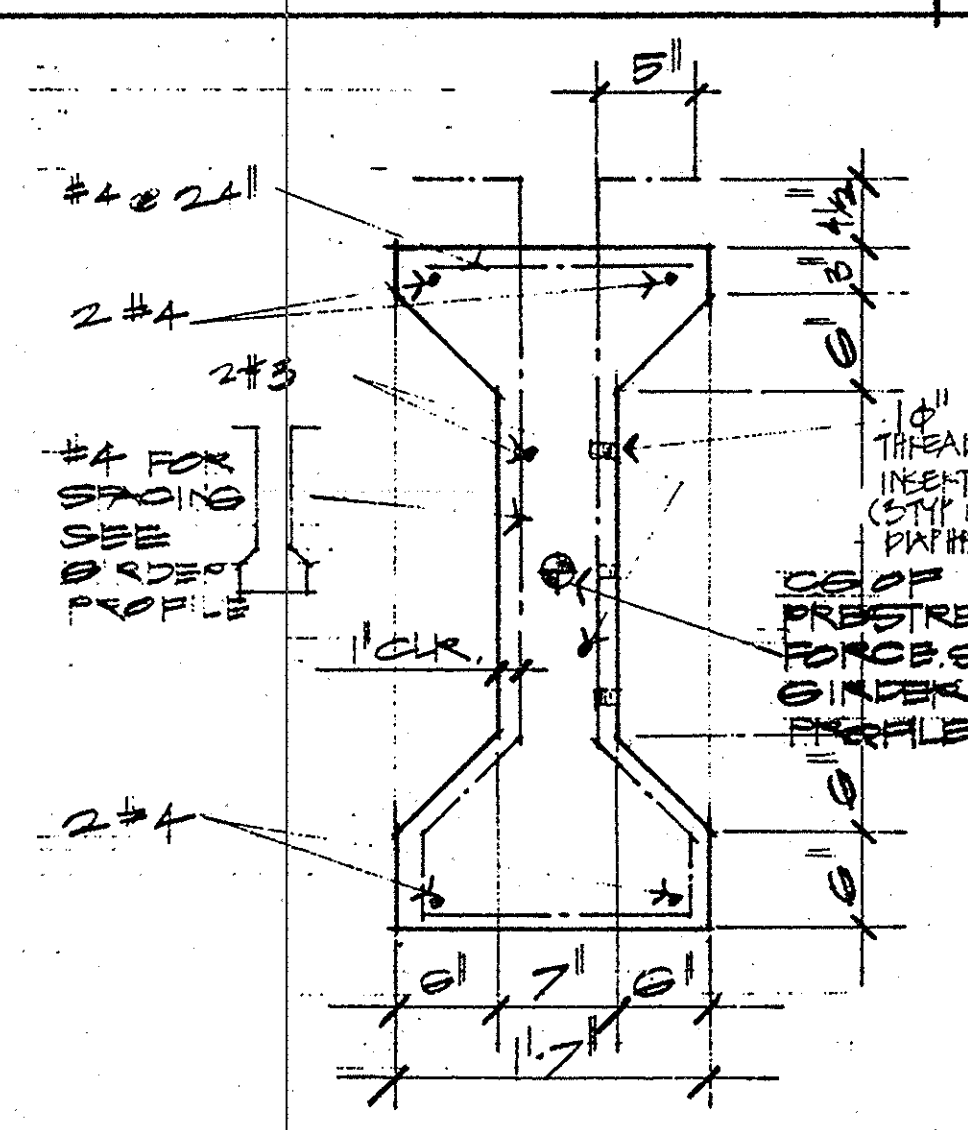
MILD STEEL: GRADE 60 ASTM A615



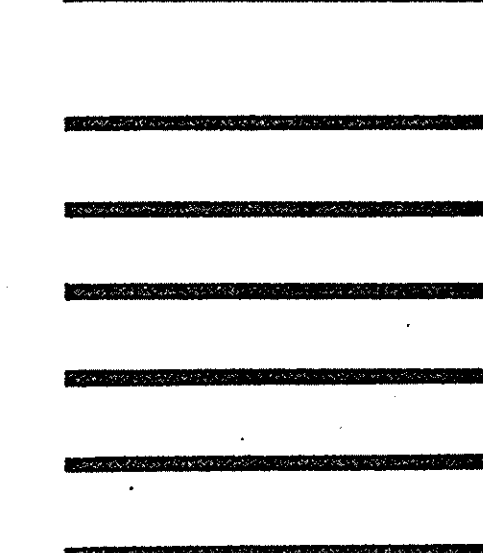
CROSS SECTION 1/2" = 1'-0" A



BEAM BEARING DETAIL 2 3



GIRDER END DETAIL N.T.S. 4



FORM 285-367
5-13-85

9/16/85