

**BOX GIRDER PRESTRESSING REINFORCEMENT**

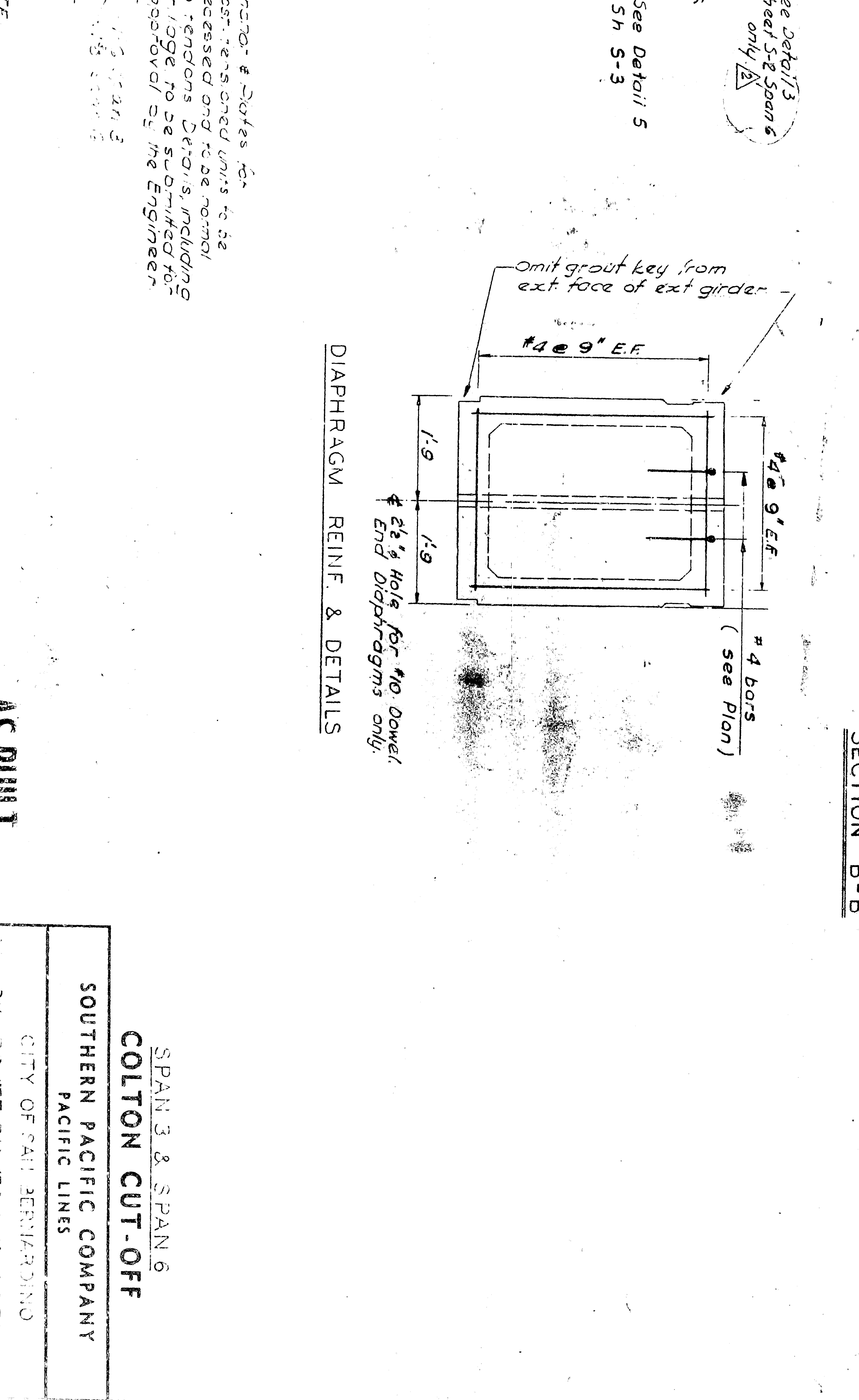
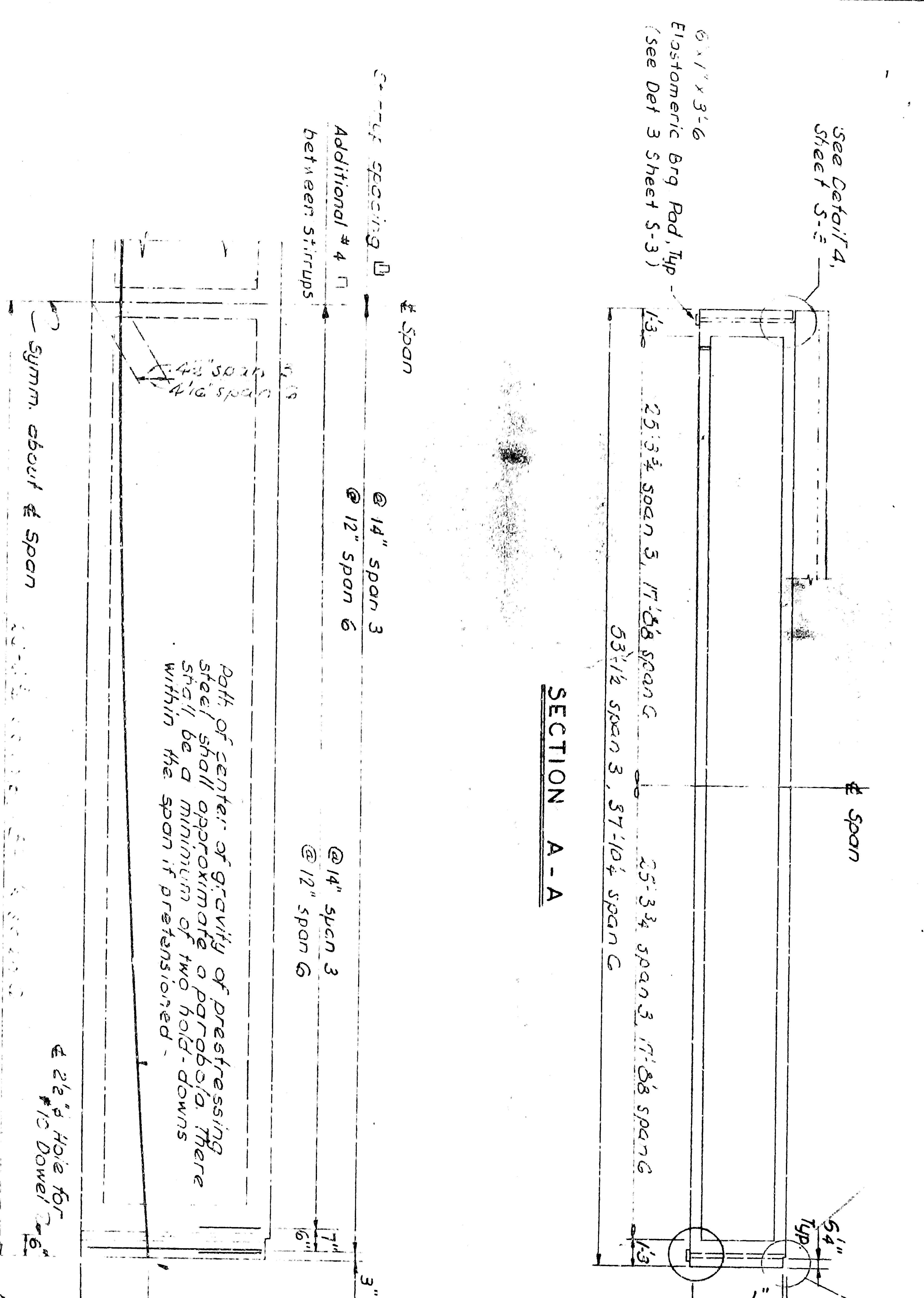
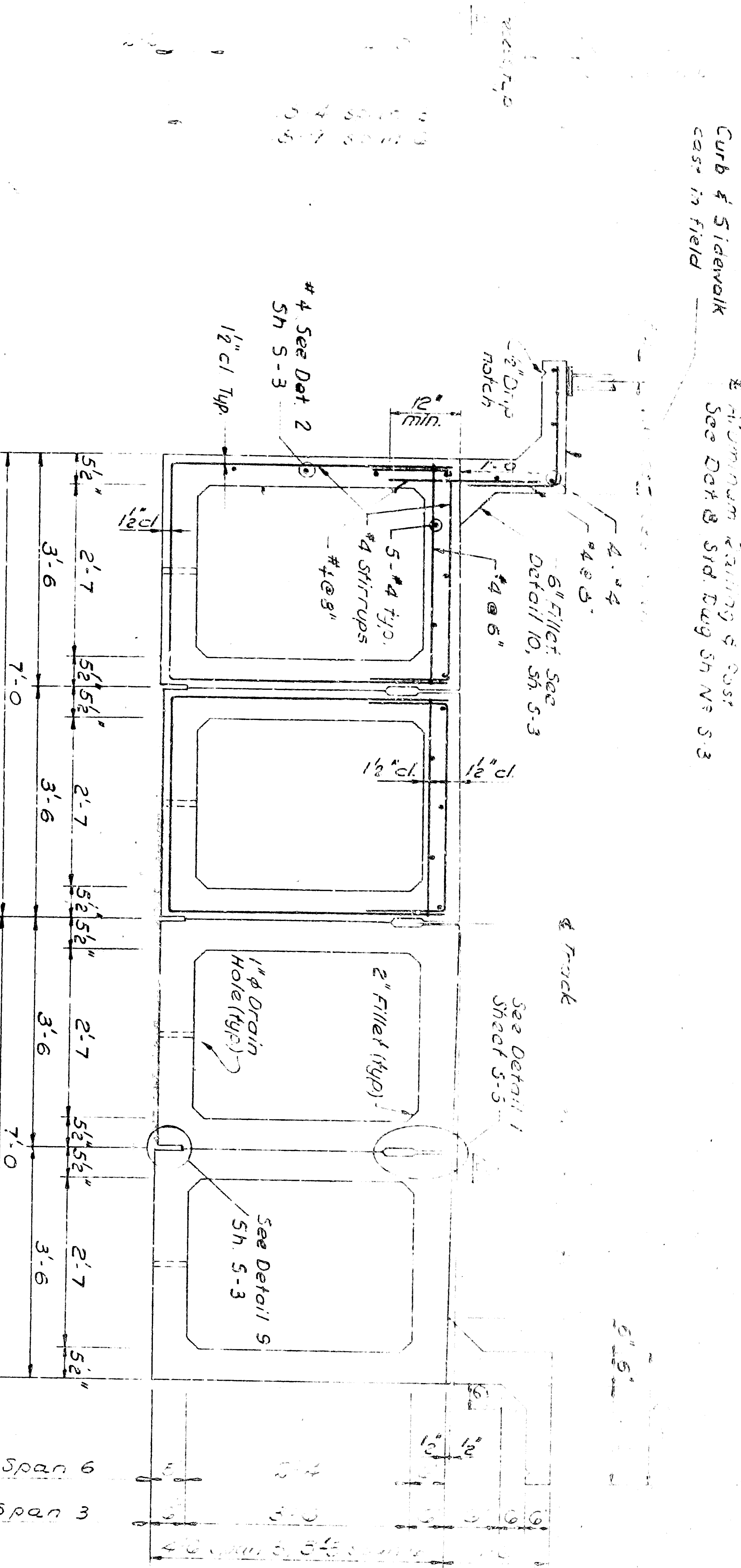
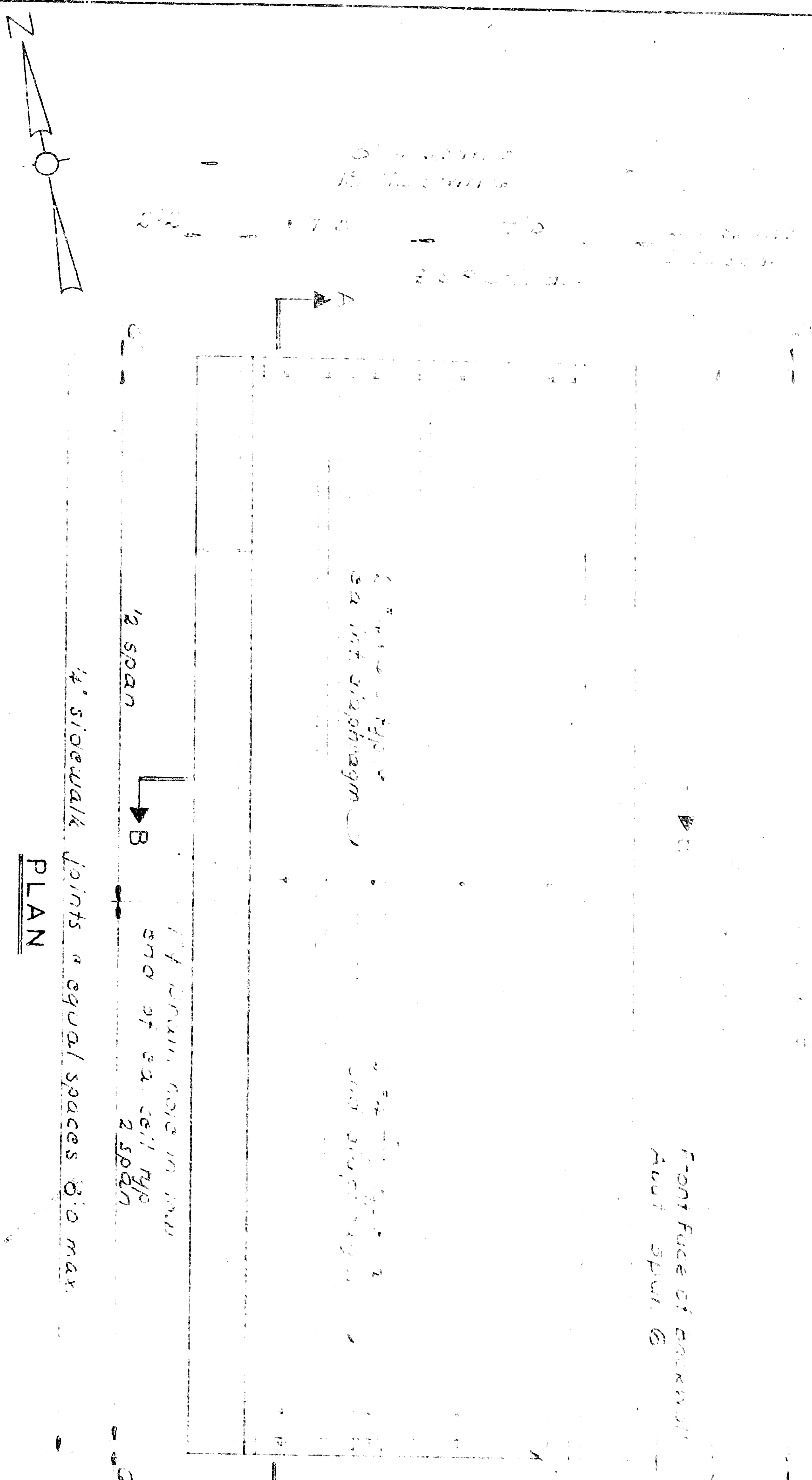
**NOTE**  
 Working force P (final) = 590 kips @ span 3, 455 k @ span C  
 f<sub>c</sub> = 6000 p.s.i. at 28 days  
 f<sub>c</sub> = 4500 p.s.i. at transfer

**AS BUILT**

SPAN 3 & SPAN 6  
**COLTON CUT-OFF**  
 SOUTHERN PACIFIC COMPANY  
 PACIFIC LINES

CITY OF SAN BERNARDINO  
 ARROW ROUTE-RIALTO AVE UNDERPASS  
 BRIDGE 14P 4900  
 PRESTRESSED BOX GIRDER DETAILS  
 SHEET NO. 3

DESIGNED BY	DE LEUW, CATHER & COMPANY
CHECKED BY	DE LEUW, CATHER & COMPANY
DATE	APR 1972
PROJECT NO.	12-00
SHEET NO.	3
SCALE	AS SHOWN
ENGINEERS	SAN FRANCISCO, CALIFORNIA



DRAWING NO. 100-100-100  
 SHEET NO. 3  
 DATE 10/1/58

**BOX GIRDER PRESTRESSING REINFORCEMENT**

NOTE  
 Working force P (final) = 590 kips @ span 3, 455 k @ span C.  
 F<sub>c</sub> = 5000 p.s.i. at 28 days  
 F<sub>t</sub> = 14000 p.s.i. at transfer

**AS BUILT**

SOUTHERN PACIFIC COMPANY  
 CITY OF SAN BERNARDINO  
 ARROW ROUTE-RIALTO AVE UNDERPASS  
 PRESTRESSED BOX GIRDER DETAILS  
 SHEET NO. 3

DE LEUW, CATHER & COMPANY  
 ENGINEERS  
 SAN FRANCISCO, CALIFORNIA