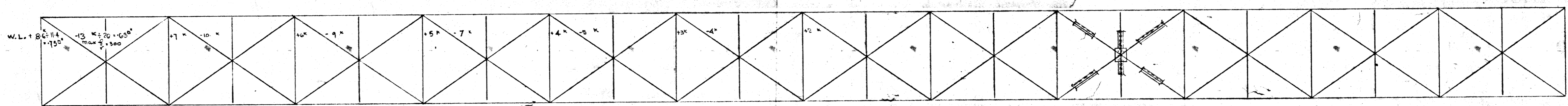
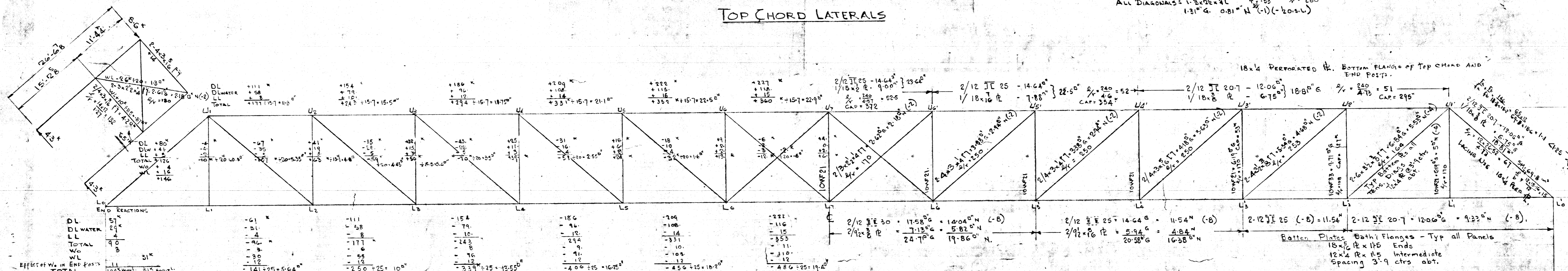


LOADING
 D.L. PIPE 152.5
 LINING 57.8
 STEEL 57.0
 78.0' / 1'
 = 0.78 x 12 = 9.36' / 1'
 TIMBER 0.35' / 1'
 DEAD LOADS 8.17' / 1'
 D.L. WATER 2.45' / 1' (4.2' / 1' PANELS / 100')
 L.L. 2' @ EACH CORNER OF A PANEL 20' x 20'
GEOMETRY
 TRUSS DIAGONALS 24.5'
 LATERAL DIAGONALS 24.4'
 RIVETS OR H.T. BOLTS 3/4"
 SPECIFICATIONS
 CSA - S4-62
 4 METAL PLATE IN MINOR MEMBERS
CAMBER
 CALCULATED FOR TOTAL
 DL + DL WATER.



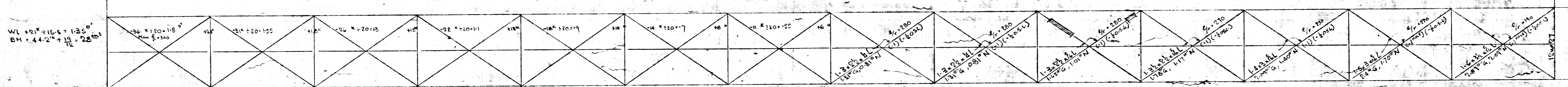
TOP CHORD LATERALS



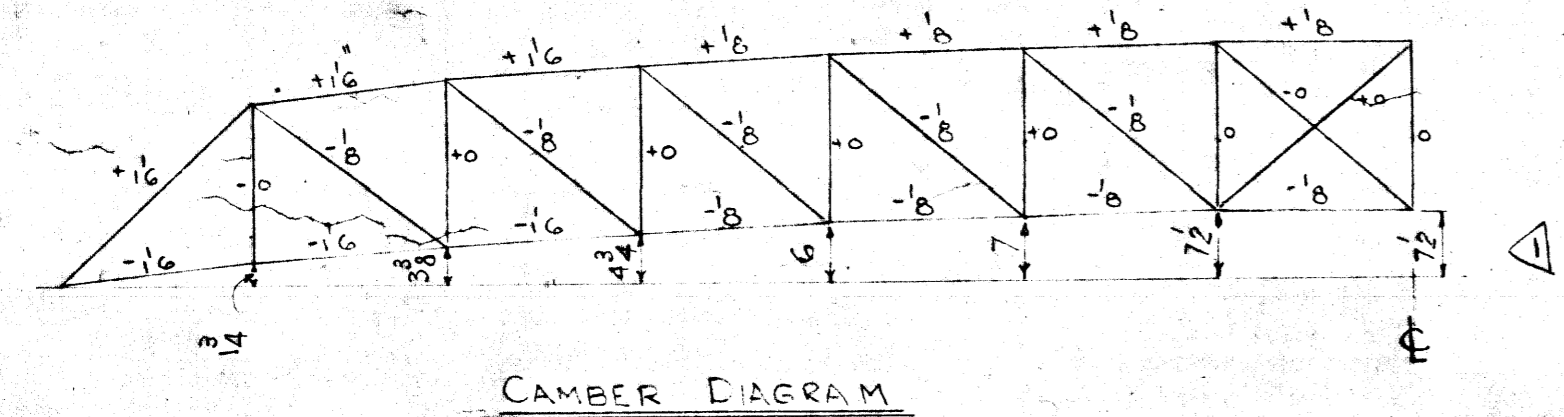
ELEVATION

14 PANELS @ 20'-0" = 280'-0" C-TO-C.

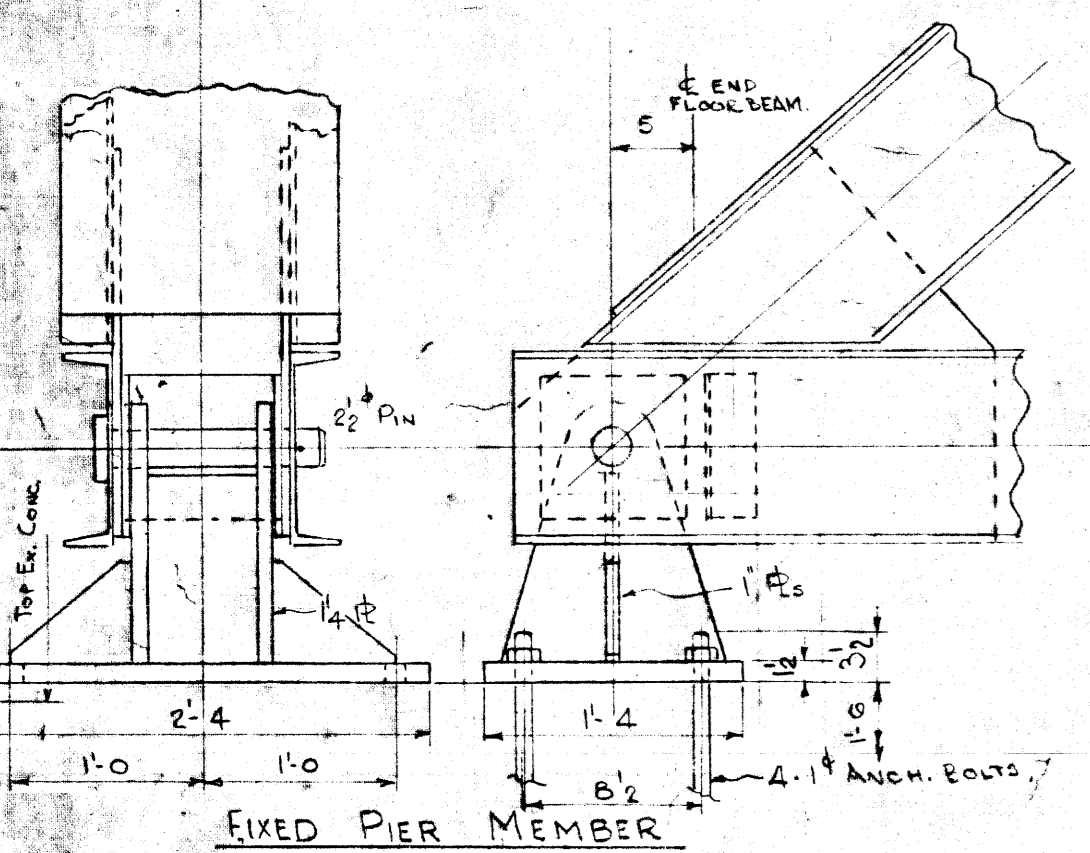
WIND LOADING
 WL FLANGE TOP LATS FOR 45' / 20' LATS FOR 160' / 1' NO OVERTURNING 25.05' / 1' (115' / 1' @ 120' @ 0.25' VERTICAL BRACE LOAD



BOTTOM CHORD LATERALS

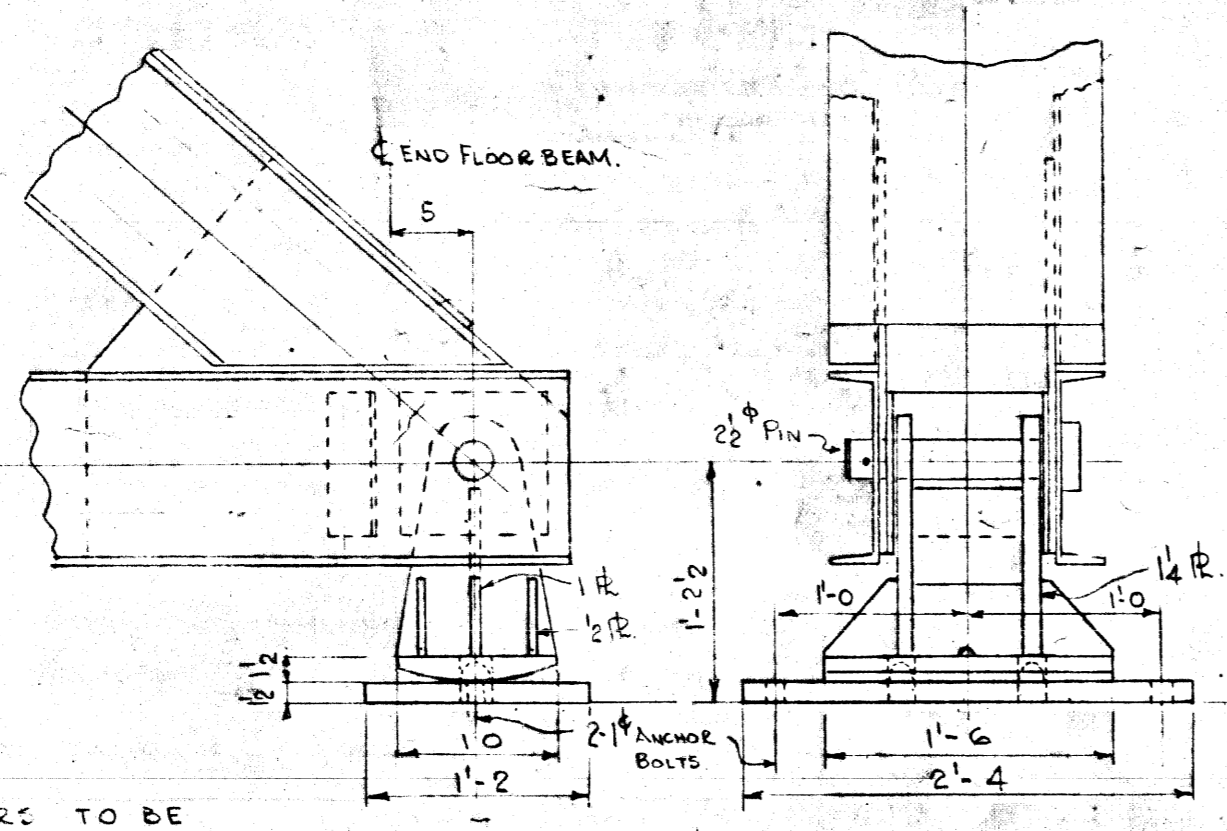


CAMBER DIAGRAM

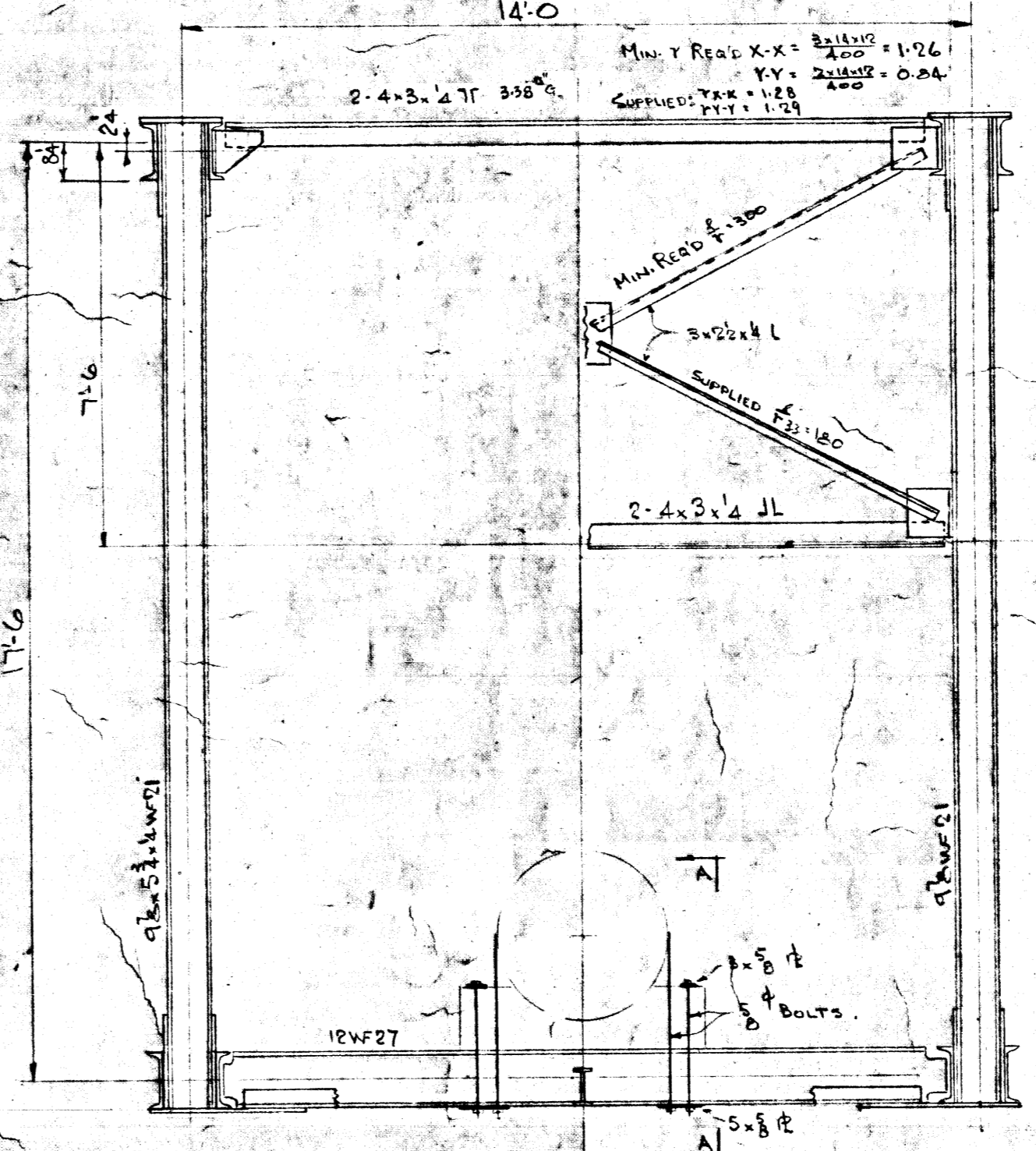


FIXED PIER MEMBER

EXPANSION PIER MEMBERS TO BE SET VERTICAL UNDER TRUSS STEEL DL @ 70°F AND SET 1/4" OFF VERTICAL FOR EACH 10° VARIATION FROM 70°F.

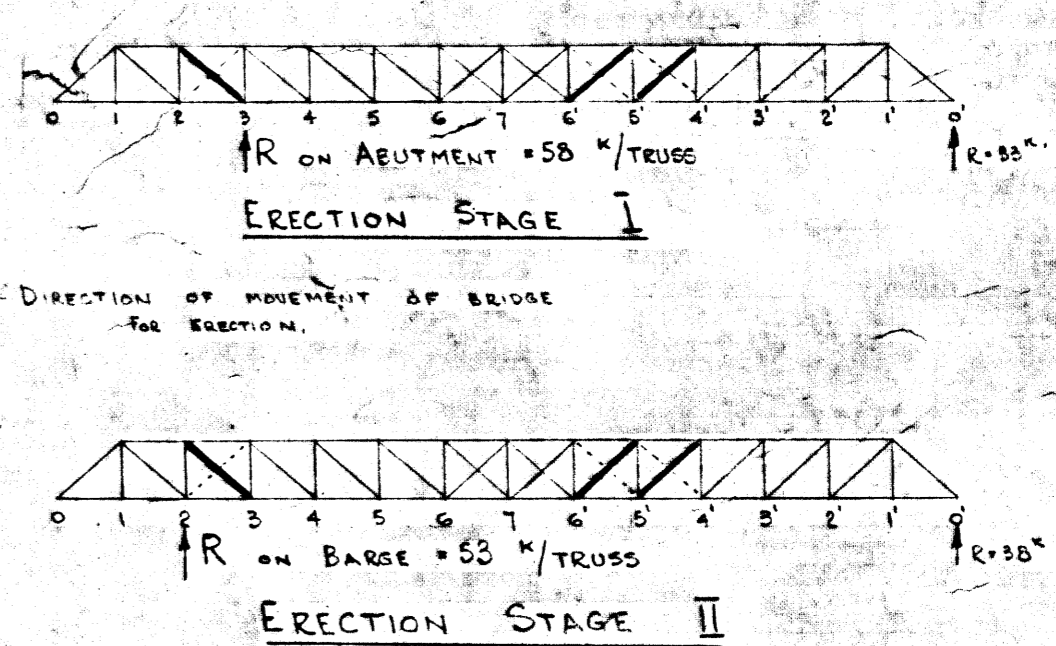


EXPANSION PIER MEMBER WITH 2 PINTLES



TYPICAL CROSS SECTION

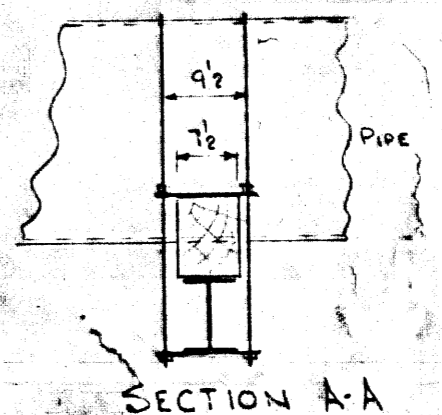
SWAY FRAME AT PANEL POINTS 3-5-7-5-3



ERECTION STAGE I

ERECTION STAGE II

3-MEMBERS SHOWN WITH HEAVY LINES SHOULD BE HELD AT MID LENGTH DURING ERECTION



SECTION A-A

REVISION NO.	DATE	REVISION	MADE BY
1	18Apr58	REVISION TO CAMBER DIMEN	JFBB

BC 4505-12
 MICRO-FILM 1965

P.L. PRATLEY, D.ENG. M.I.C.E. M.A.S.C.E.
 CONSULTING ENGINEER
 MONTREAL CANADA

DOMINION BRIDGE CO., LIMITED
 LACHINE, QUE.

CITY OF WINNIPEG
 WATER-PIPE BRIDGE AUBREY STREET

DEPARTMENT OF HIGHWAYS
 GAVIN DESIGN SCALE
 MADE BY J. GAIGNIER & JFBB DATE 7 APRIL 58
 DRAWING NO. D1-D FILE NO. 148-587
 CONT. NO. 1-8696

206 # PE 10840
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