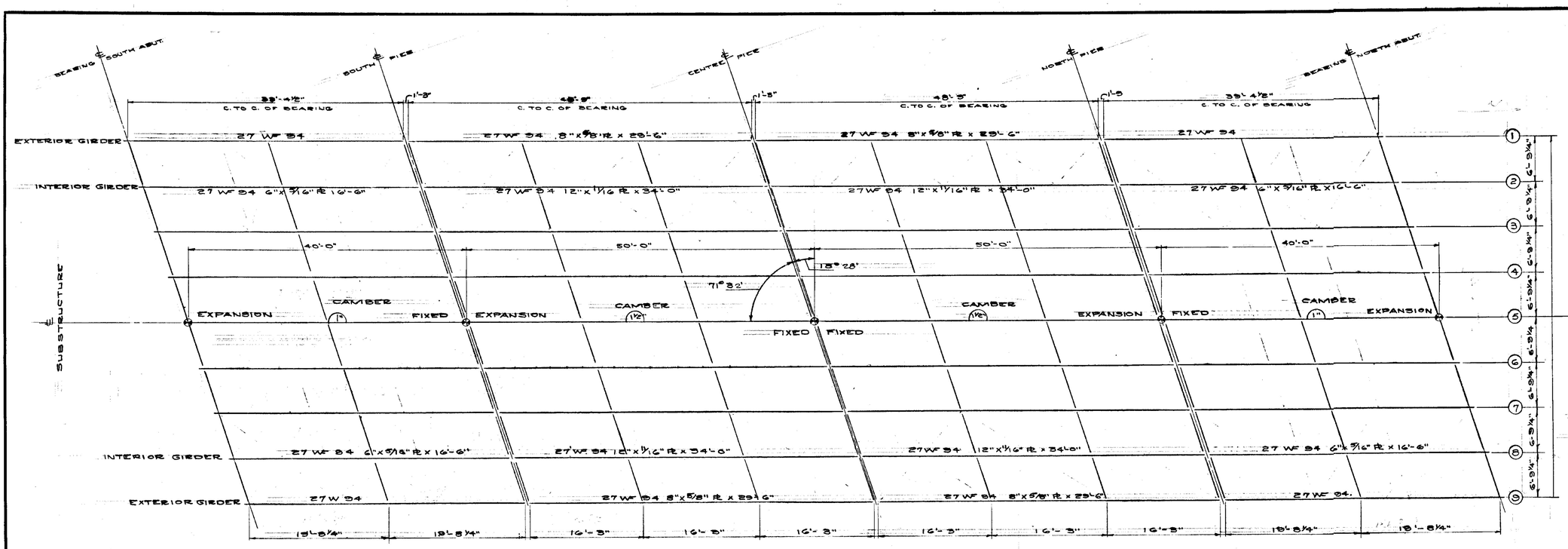
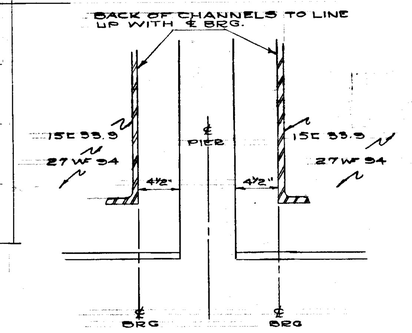


NOTE:
ALL DIAPHRAGMS TO BE 15 C 33.9
BACK OF CHANNELS TO CORRESPOND
WITH ℄ OF BRG. AT END OF GIRDERS

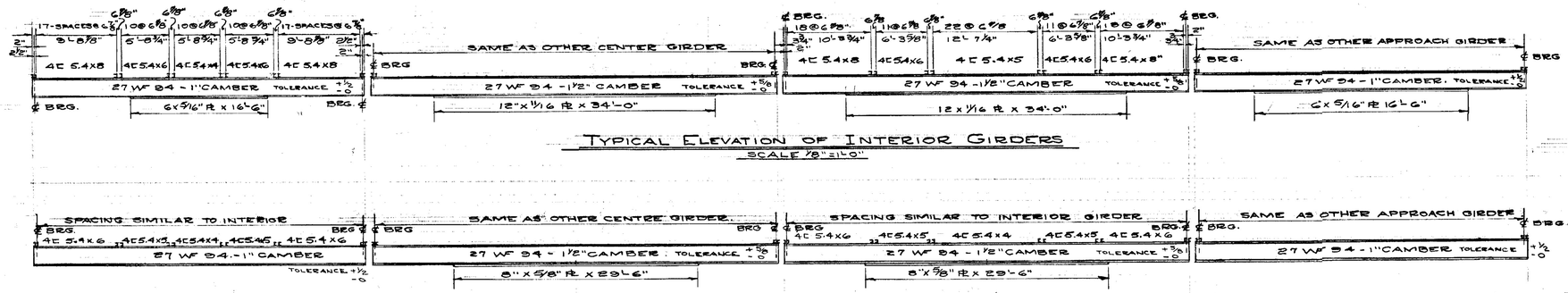
STEEL FRAMING PLAN

SCALE 1/8" = 1'-0"



DIAPHRAGM LOCATION DETAIL

SCALE 1½" = 1'-0"



TYPICAL ELEVATION OF INTERIOR GIRDERS

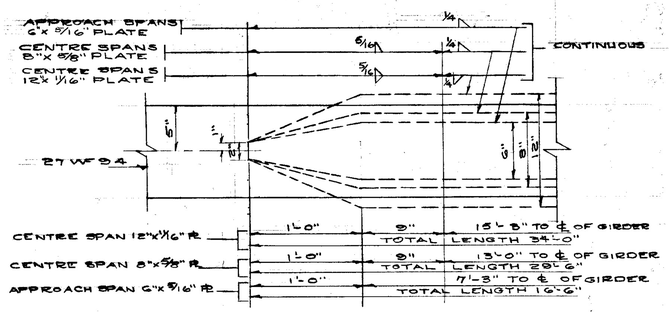
SCALE 1/8" = 1'-0"

TYPICAL ELEVATION OF EXTERIOR GIRDERS

SCALE 1/8" = 1'-0"

GENERAL NOTES

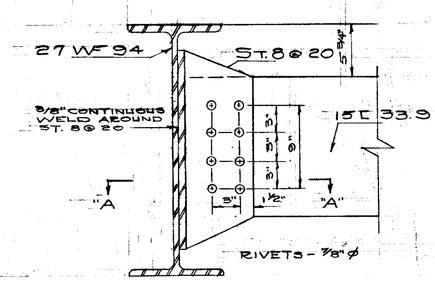
1. MATERIAL SHALL COMPLY WITH CSA. SPECIFICATIONS SG-1955
2. ALL WELDING SHALL CONFORM WITH THE FOLLOWING CODES
   CSA W47-1947 WELDING QUALIFICATION CODE FOR APPLICATION TO FABRICATING AND CONTRACTING FIRMS.
   CSA W48-1-1952 MILD STEEL ARC WELDING ELECTRODES (3RD EDITION)
   CSA W59-1956 WELDING OF STEEL STRUCTURES
   AWS - D 2-0-56 STANDARD SPECIFICATIONS FOR WELDED HIGHWAY AND RAILWAY BRIDGES
3. DO NOT PAINT STEEL THAT COMES IN CONTACT WITH CONCRETE
4. SHOP CONNECTIONS SHALL BE WELDED FIELD CONNECTIONS SHALL BE RIVETED. ALL RIVETS 7/8" DIA.
5. PLACE MILL CAMBER IN GIRDERS AS SHOWN.
6. fs FOR STRUCTURAL STEEL 20,000 P.S.I.



COVER PLATE DETAILS

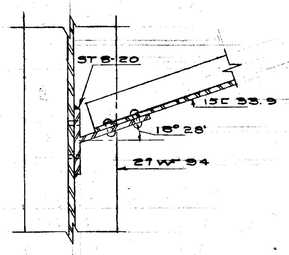
SCALE 1½" = 1'-0"

NOTE:
BOTH ENDS OF COVER PLATE SIMILAR



DIAPHRAGM DETAIL

SCALE 1½" = 1'-0"



SECTION A-A

SCALE 1½" = 1'-0"

PROVINCE OF MANITOBA
R. W. McKNIGHT
REGISTERED ENGINEER

B-5072-9

W. L. WARDROP & ASSOCIATES
(MANAGEMENT) LTD.
ENGINEERING CONSULTANTS
WINNIPEG CANADA

STRUCTURAL STEEL LAYOUT & DETAILS

PORTAGE AVENUE OVERPASS
POLO PARK DEVELOPMENT

Scale: AS SHOWN	Date: JULY 31 1958
Designed By: H.A.K. R.W.M^cK	Project No. 5868
Drawn By: A.R.	Drawing No. 8
Checked By: R.W.M. N.D.K., H.C.M.	