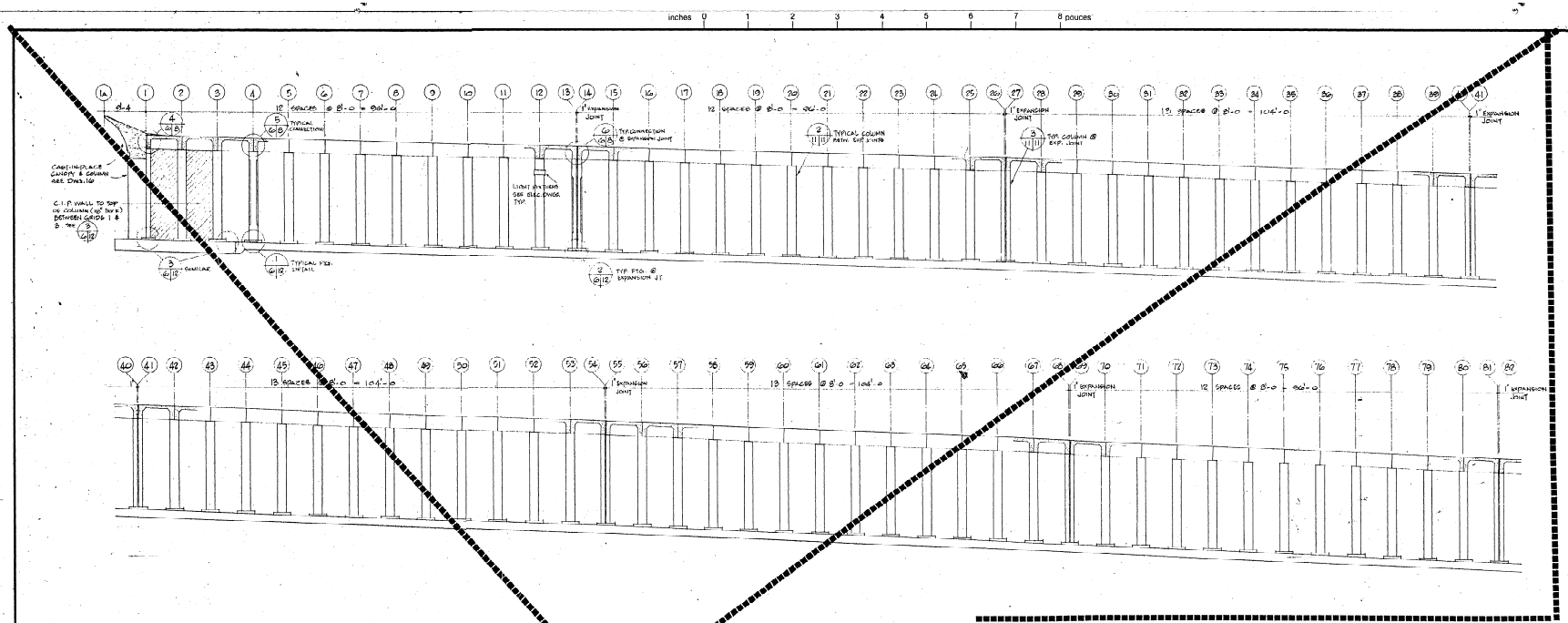


1 PRECAST COLUMN LAYOUT
66 GRID LINE "B"
SCALE: 1" = 10'-0

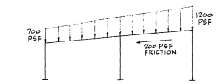
N.I.C.

DESIGN NOTES

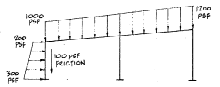
LOADING CONDITION:

1. MOVING AVALANCHE ON PLANE ROOF

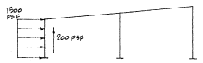
2. MOVING AVALANCHE ON PREVIOUS DEPOSIT.



3. MAXIMUM STATIONARY SNOW DEPOSIT.



4. CROSSOVER AVALANCHE.



SURCHARGE ON SLOPE ABOVE RETAINING WALLS:
- ENTRANCE WALLS - 400 PSF
- WALLS WITHIN SHED - 1700 PSF

DESIGN STANDARD:
- CSA STANDARD S6 - 1974 "DESIGN OF HIGHWAY BRIDGES".

FOUNDATIONS:
- ALLOWABLE SOIL BEARING PRESSURE AT 4'-0" MINIMUM BELOW FINISHED GRADE IS 7000 P.S.F.

CAST-IN-PLACE CONCRETE:
- COMPRESSIVE STRENGTH AT 28 DAYS TO BE 5000 P.S.I. MINIMUM
- ALL CONCRETE TO BE AIR-ENTRAINED.
- ALL REINFORCING STEEL TO CONFORM TO CSA G30.12 GRADE 400.

CONTRACT No. 1

Public Works Canada / Travaux publics Canada

Design and Construction
Études et Construction

Resources (civil)
Direction des ressources (génie civil)

Structures (Bridges) Section
Section des ouvrages d'art (ponts)

A. detail no. / detail no.
B. location drawing no. / sur dessin no.
C. drawing no. / dessin no.

revisions / revisions

prime consultant
RICKETTS EVERS BARRASS SIMPSON
engineering/management consultants
calgary

designed by / conçu par: W.B.L. — date: DEC.'76
checked by / examiné: H.H.R. — date: DEC. '76
drawn by / dessiné par: P.N.
checked by / examiné: H.H.R. — date: DEC.'76
recommended by / recommandé par — date
chief bridge engineer / ingénieur en chef (ponts)
approved by / approuvé par — date
project manager / projet directeur
assistant director resources (civil) / directeur adjoint ressources (génie civil)

project title / titre du projet
"SINGLE BENCH" SNOWSHED
GLACIER NATIONAL PARK
B.C.

drawing title / titre du dessin
PRECAST COLUMN LAYOUT

AA002236

project no. 037867 / no du projet

drawing no. / dessin no. 6 of / de 31

Date

D.P.W. 700 B (revised april 1,1974)