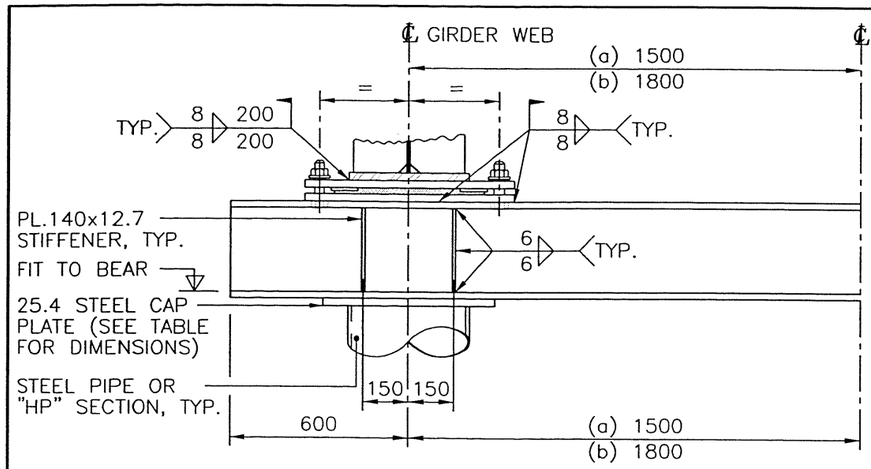
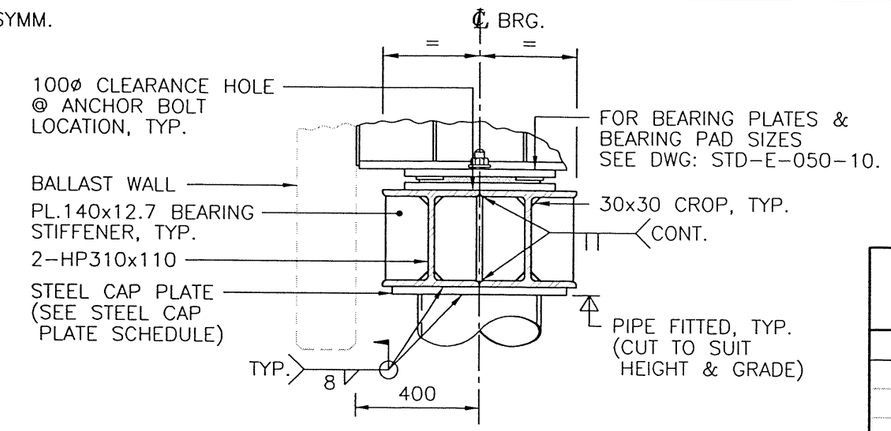


1/2 DOUBLE STEEL CAP BEAM ELEVATION

1:20



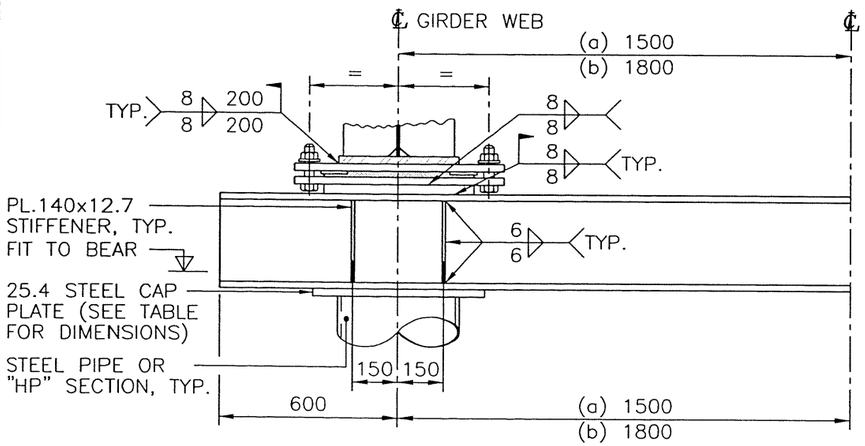
DOUBLE STEEL CAP BEAM SECTION

1:20

STEEL CAP PLATE SCHEDULE	
PIPE DIAMETER	PLATE SIZE
323	475 x 25.4 x 475
406	575 x 25.4 x 575
508	675 x 25.4 x 675

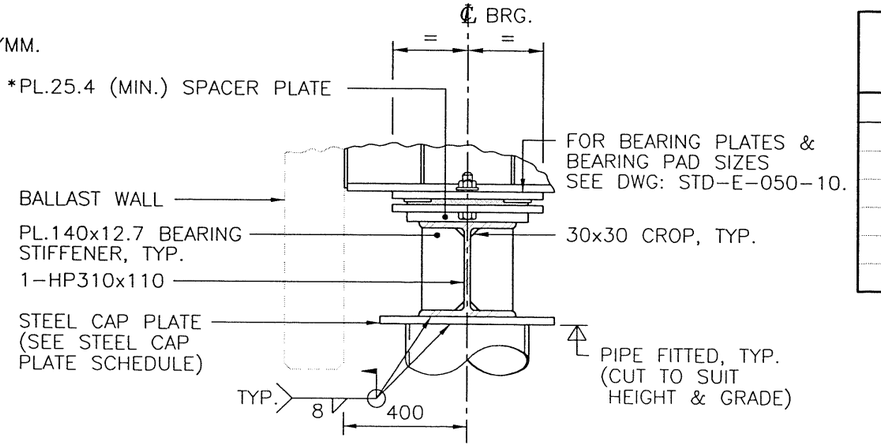
LOADING/SPAN CAP DESIGN SCHEDULE (GIRDERS @ 3000 C/C.)				
SPAN	L75	L100	L150	L165
12000	SINGLE	SINGLE	N/A.	N/A.
18000	SINGLE	SINGLE	N/A.	N/A.
24000	SINGLE	SINGLE	N/A.	N/A.
30000	DOUBLE	DOUBLE	N/A.	N/A.
36000	N/A.	N/A.	N/A.	N/A.
39000	N/A.	N/A.	N/A.	N/A.

LOADING/SPAN CAP DESIGN SCHEDULE (GIRDERS @ 3600 C/C.)				
SPAN	L75	L100	L150	L165
12000	SINGLE	SINGLE	SINGLE	DOUBLE
18000	SINGLE	SINGLE	DOUBLE	DOUBLE
24000	SINGLE	SINGLE	DOUBLE	DOUBLE
30000	DOUBLE	DOUBLE	DOUBLE	DOUBLE
36000	DOUBLE	DOUBLE	DOUBLE	DOUBLE
39000	DOUBLE	DOUBLE	DOUBLE	DOUBLE



1/2 SINGLE STEEL CAP BEAM ELEVATION

1:20



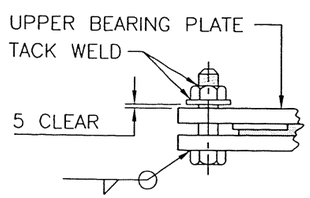
*TYPICAL SPACER PLATE DIMENSIONS
SAME AS BEARING PAD

SINGLE STEEL CAP BEAM SECTION

1:20

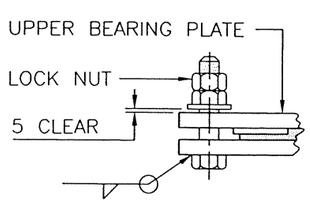
NOTES

1. FOR DEFINITION OF LOADS REFER TO FOREST SERVICE BRIDGE DESIGN AND CONSTRUCTION MANUAL.
2. DESIGN: CAN/CSA-S6-88 (MODIFIED).
   FOREST SERVICE BRIDGE DESIGN AND CONSTRUCTION MANUAL, JULY 1999.
3. STEEL: CSA G40.21M GRADE 350AT CAT. 3 (PLATE)
   GRADE 300W (SECTIONS)
4. WELDING: CSA W59 6 F.W. U/N. FIELD WELDERS CERTIFIED TO CSA W47.



TYPICAL BEARING CONNECTION BOLT DETAIL

1:10



ALTERNATE BEARING CONNECTION BOLT DETAIL

1:10

ASSUME NOT TO SCALE

SCALE AS SHOWN

Designed J.H. Date MAR. 2000
Checked D.I.H. Date MAR. 2000
Drawn J.E.N. Date MAR. 2000

Rev	Date	DESCRIPTION	Init

REVISIONS

Province of British Columbia
MINISTRY OF FORESTS
RESOURCE TENURES and ENGINEERING BRANCH

STANDARD BRIDGE DRAWING

STEEL ABUTMENT CAP BEAMS FOR STEEL BRIDGES
STEEL CAP BEAM – 2 PILE/COLUMN SYSTEM

ORIGINAL SIGNED and SEALED BY:
DAVID I. HARVEY, P.ENG.
DESIGN ENGINEER
DATE JULIEN HENLEY, P.ENG
FILE No.

APPROVED BY:
MOF ENGINEER
DATE

DRAWING No.
STD-E-050-60

CANCEL PRINTS BEARING PREVIOUS LETTER