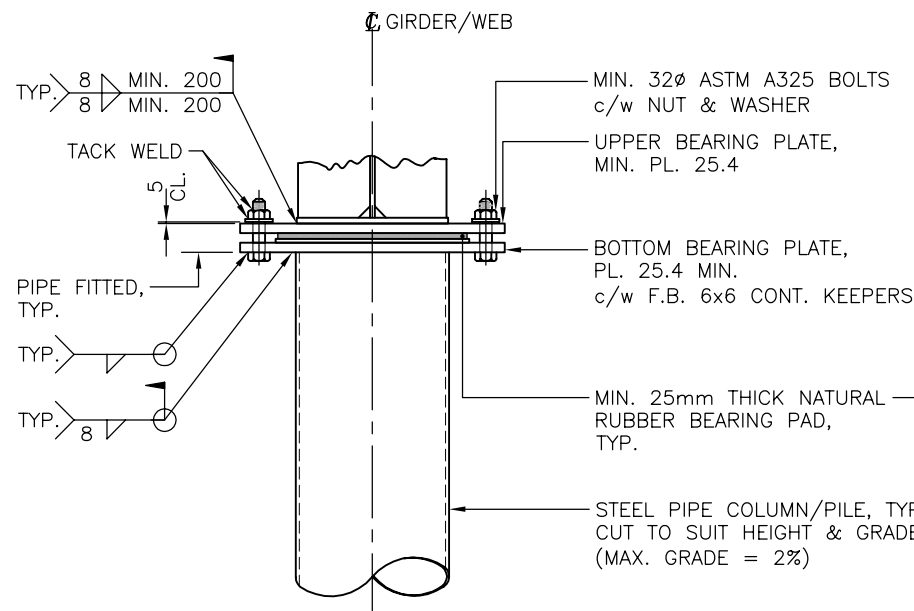
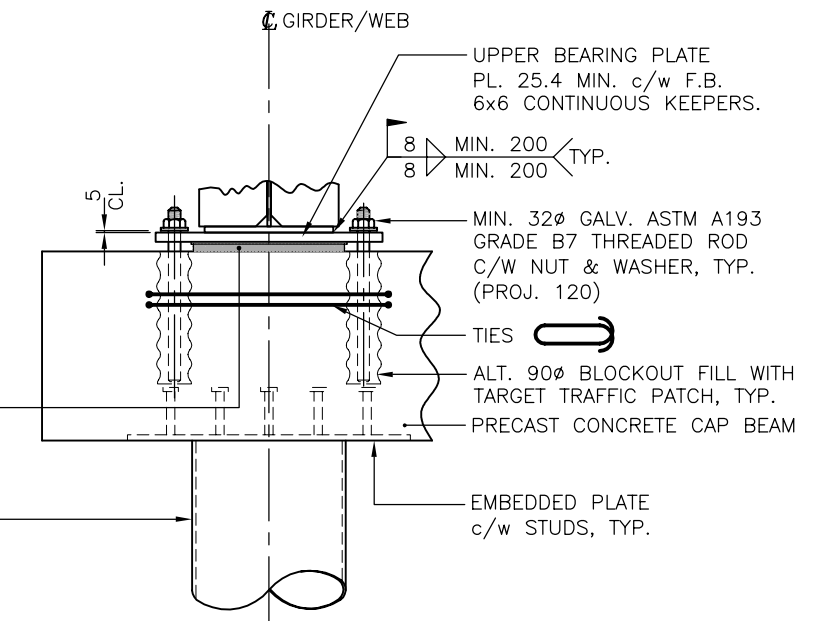


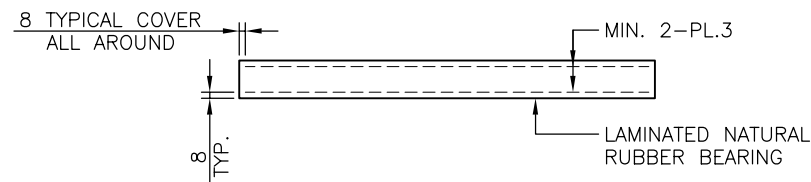
ABUTMENT ELEVATION DETAIL
1:50



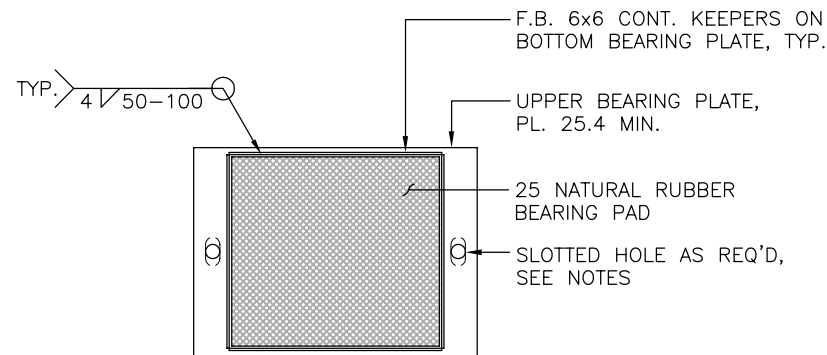
BEARING DETAIL
1:20



BEARING ON CONCRETE CAP DETAIL
1:20



CONCEPTUAL LAMINATED BEARING PAD
1:10
(WHERE SPECIFIED BY ENGINEER)

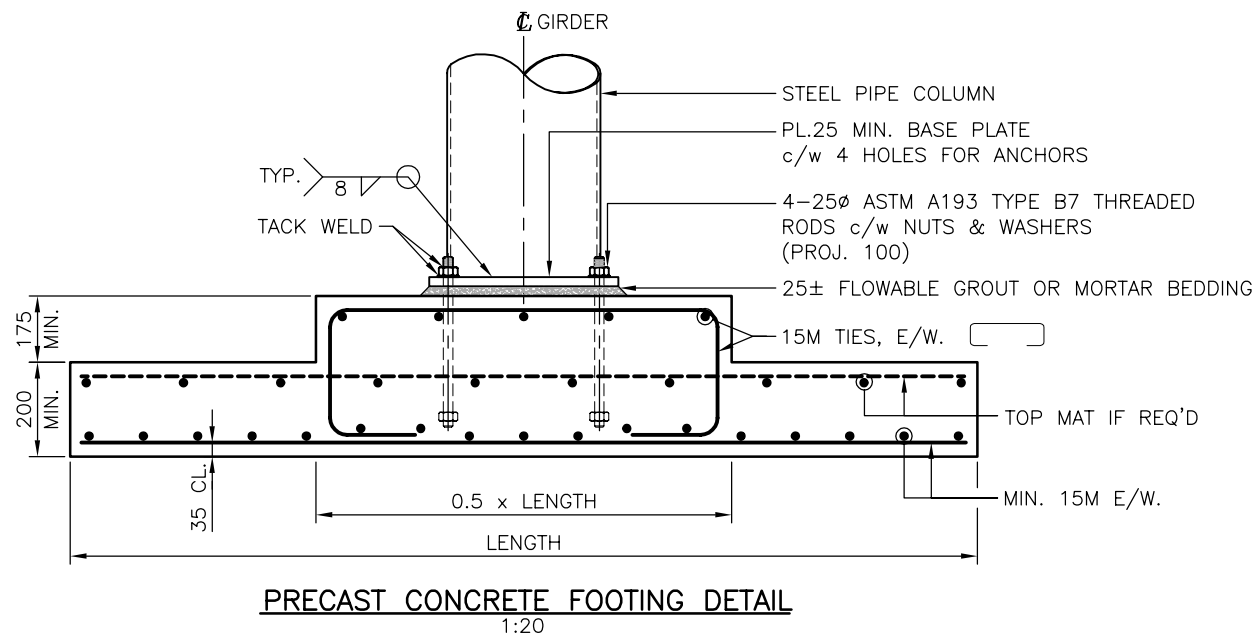


BEARING PLAN
1:20

NOTES:

- ACCOMMODATE GRADES IN EXCESS OF 2% WITH A BEVEL PLATE OR SLOPED CAP BEAM.
- FOR SINGLE SPAN BRIDGE WITH OVERALL LENGTH LESS THAN 40m (130'), ACCOMMODATE LONGITUDINAL SUPERSTRUCTURE DEFORMATIONS THROUGH THE USE OF SLOTTED HOLES. AS A MINIMUM PROVIDE THE FOLLOWING:
 - OVERALL LENGTH < 24m (80') SLOTTED HOLES AT ONE ABUTMENT
 - 24m (80') ≤ OVERALL LENGTH ≤ 40m (130') SLOTTED HOLES AT BOTH ABUTMENTS.
 - OVERALL LENGTH > 40m (130') BEARING SHALL BE AS SPECIFIED BY THE ENGINEER TO ACCOMMODATE ANTICIPATED DEFORMATIONS AND TRANSLATIONS.
- THE DESIGN DRAWINGS SHOULD INCLUDE THE MAXIMUM APPLIED SERVICEABILITY LIMIT STATE COMBINATION 1 AND ULTIMATE LIMIT STATE STRESS FOR PRECAST CONCRETE FOOTINGS AND SERVICEABILITY LIMIT STATE COMBINATION 1 AND ULTIMATE LIMIT STATE LOADS FOR DRIVEN PILES.

**ASSUME NOT TO SCALE
NOT FOR CONSTRUCTION**



PRECAST CONCRETE FOOTING DETAIL
1:20

DESIGN ENGINEER	0 2 4 6 8 10 meters	Ministry of Forests, Lands and Natural Resource Operations ENGINEERING BRANCH								
	SCALE AS SHOWN BAR LENGTH IS 40mm ON ORIGINAL.									
Checked JULIEN HENLEY Date 14/04/01	Drawn ERFUN FARJOO Date 14/04/01	STANDARD BRIDGE DRAWING DRAWING TITLE: CONCEPTUAL SUBSTRUCTURE DETAILS FOR STEEL BRIDGES								
<table border="1"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>DESCRIPTION</th> <th>Init</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>15/03/31</td> <td>REVISED NOTES & ADDED SLOTTED HOLES</td> <td></td> </tr> </tbody> </table>	Rev		Date	DESCRIPTION	Init	1	15/03/31	REVISED NOTES & ADDED SLOTTED HOLES		DESIGNED BY: HELEN DU, P.ENG.
Rev	Date	DESCRIPTION	Init							
1	15/03/31	REVISED NOTES & ADDED SLOTTED HOLES								
PROFESSIONAL SEAL	REVISIONS	COORDINATING REGISTERED PROFESSIONAL:	FLNR ENGINEER:	FILE No.	DRAWING No. STD-EC-050-05					