

**NOTES**  
 1- ALL DIMENSIONS IN MILLIMETERS.

	scale: échelle: 1 : 30	designed by: conçu par: N·H·
	date: 1988-07-07	drawn by: dessiné par: K·D·
<b>ENCLOSED LADDER</b> <b>DETAIL AND FASTENING</b>	revisions:	reviewed by: examiné par:
	approved by: approuvé par:	project no.: no. du projet:
		dwg. no. dessin no. <b>CB-02</b>

25 mm Ø GALVANIZED STEEL  
HANDGRIP

WHEELGUARD

LADDER UPRIGHT

50 500

PLAN

HANDGRIP

BEVEL 45°

WHEELGUARD

COPING

150 mm x 150 mm LADDER  
UPRIGHT

660

12500

300

300

75

DECK ELEVATION

NUMBER AND  
SIZES OF BOLTS  
AS SPECIFIED

25 mm Ø GALVANIZED STEEL  
RUNGS AT 300 mm C/C

300 MIN.  
ON PILE STRUCTURE

1000 MIN.  
ON CRIB STRUCTURE

L.N.T.

NOTE

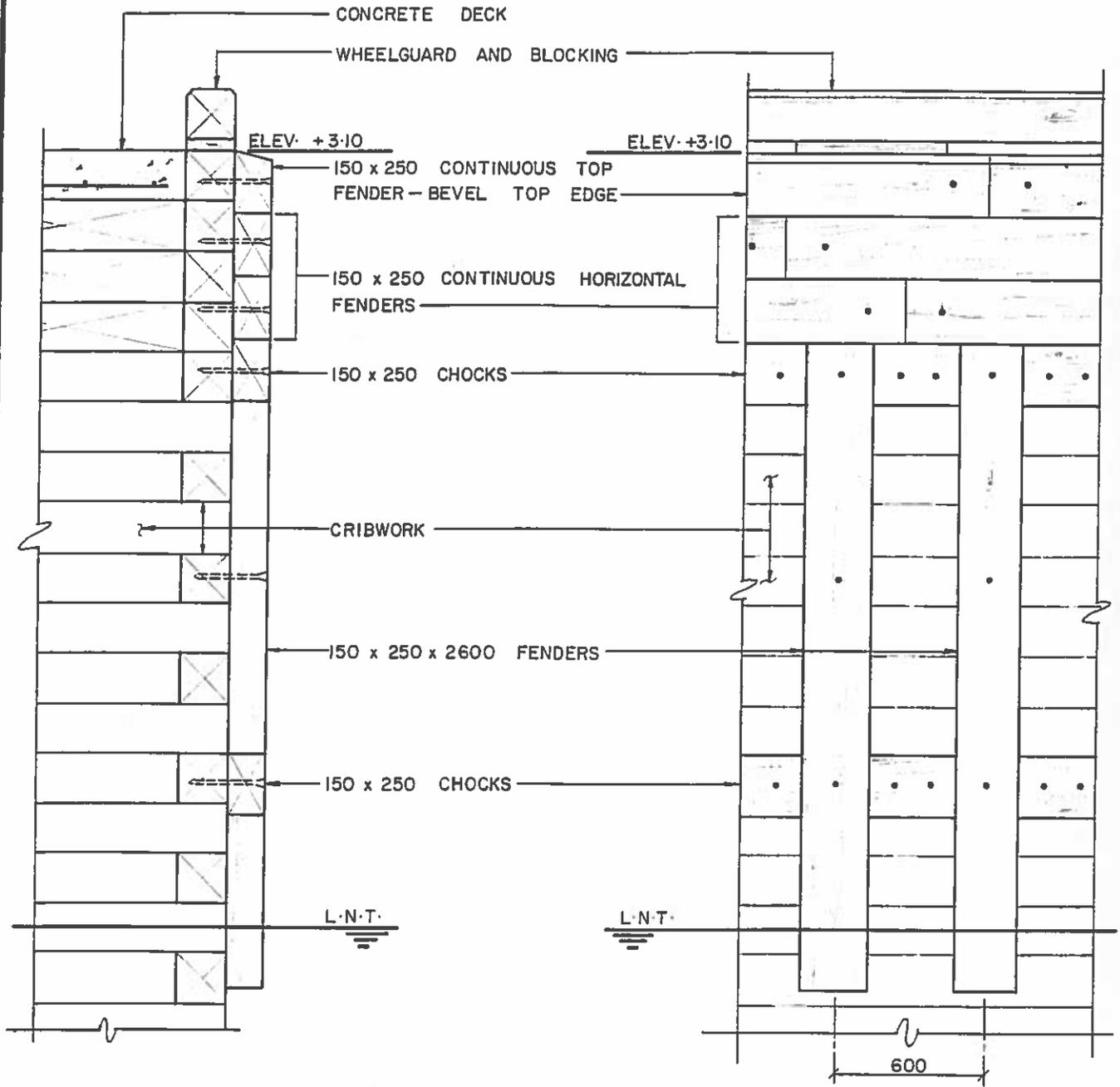
1. ALL DIMENSIONS IN  
MILLIMETERS.

ELEVATION

 <b>Public Works Canada</b> <b>Travaux publics Canada</b>	Drawing title: <b>TYPICAL LADDER</b> Titre du dessin:	designed by: N.H. conçu par:
	<b>DETAIL &amp; FASTENING</b> scale: N.T.S. échelle:	drawn by: D.B. dessiné par:
	date: 1988-07-06	reviewed by: <i>H. Sidham</i> examiné par:
	revisions:	approved by:
		project no.: no. du projet:
		dwg. no.: dessin no.: <b>CB-03</b>

**NOTE**

- 1- ALL DIMENSIONS IN MILLIMETERS
- 2- ALL ELEVATIONS IN METERS



**SECTION**

**ELEVATION**



Public Works Canada / Travaux publics Canada

scale: échelle: 1:25

date: 1988-09-24

revisions:

designed by: conçu par: N-H

drawn by: dessiné par: K-D

reviewed by: examiné par:

approved by: approuvé par:

project no.: no. du projet:

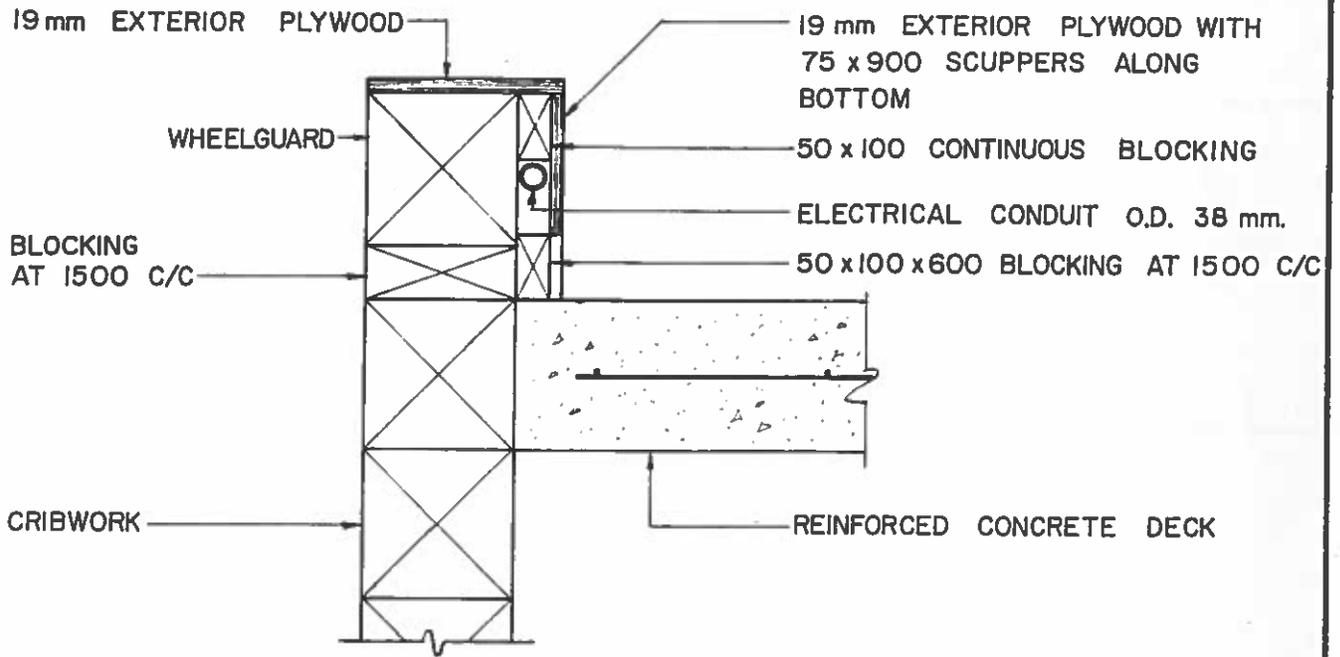
dwg. no.: dessin no.

CB-05

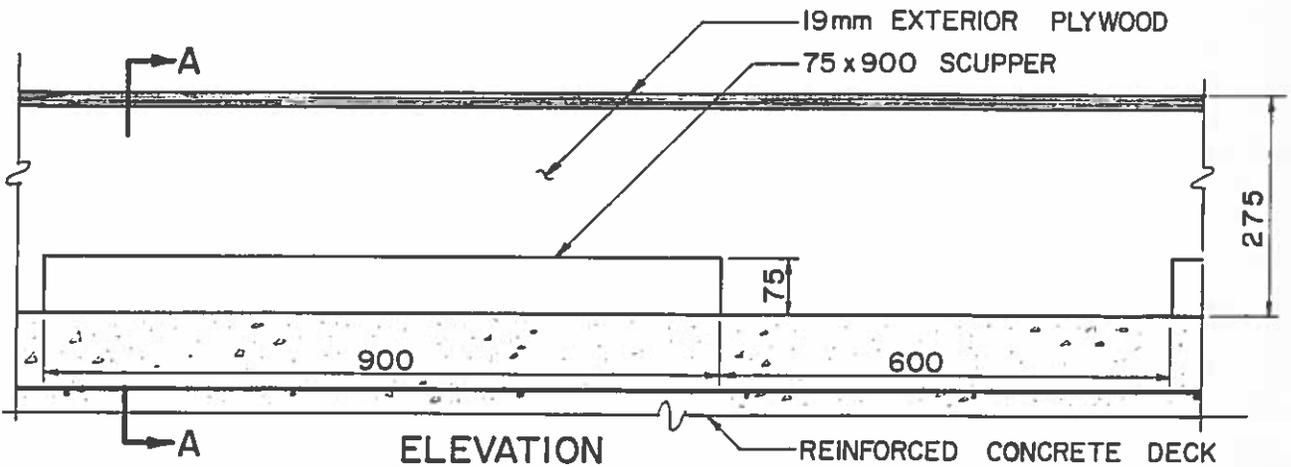
**TYPICAL DETAIL - VERTICAL / HORIZONTAL FENDERS**

**NOTES**

1. ALL DIMENSIONS IN MILLIMETERS.
2. TIMBER SIZES AS SPECIFIED.

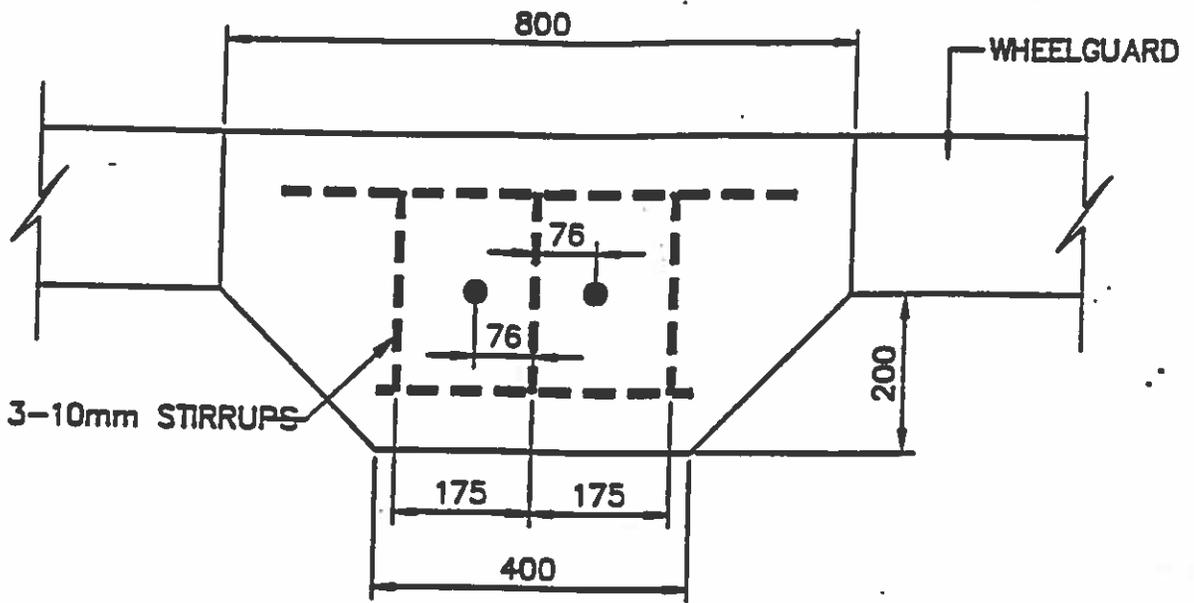


**SECTION A-A**

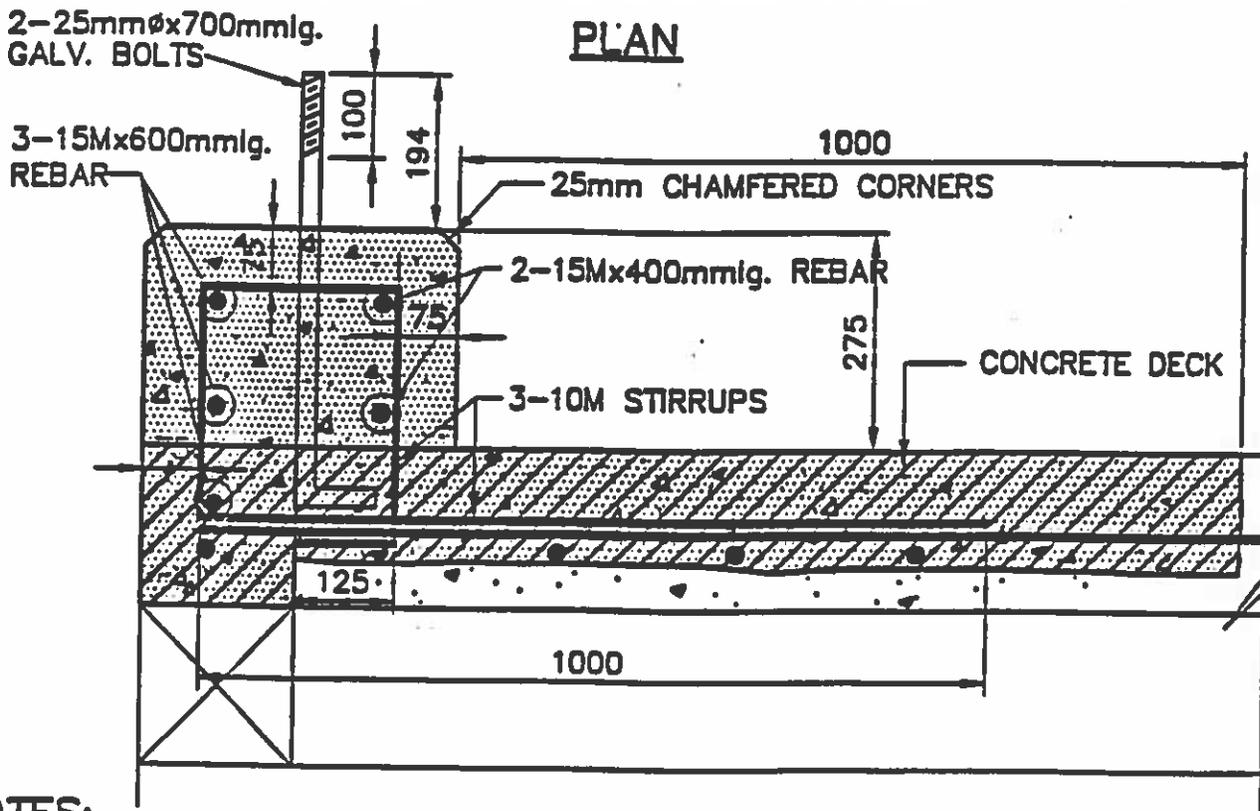


**ELEVATION**

 <b>Public Works Canada</b> <b>Travaux publics Canada</b>	scale: 1:10 échelle: 1:10	designed by: N.H. conçu par: N.H.
		drawn by: K.D. dessiné par: K.D.
<b>TYPICAL PLYWOOD CONDUIT PROTECTION</b>	date: SEPTEMBER 1992    revisions:	reviewed by: <i>Keith Dichev</i> examiné par:
		approved by:
		project no.:    dwg. no. no. du projet:    dessin no. <b>CB-06</b>



**PLAN**



**SECTION**

**NOTES:**

1. ALL DIMENSIONS IN MILLIMETERS

**LEGEND**

- INDICATES AREA OF NEW WORK
- INDICATES AREA TO BE DEMOLISHED AND REMOVED

Public Works and Government Services Canada / Travaux publics et Services gouvernementaires Canada

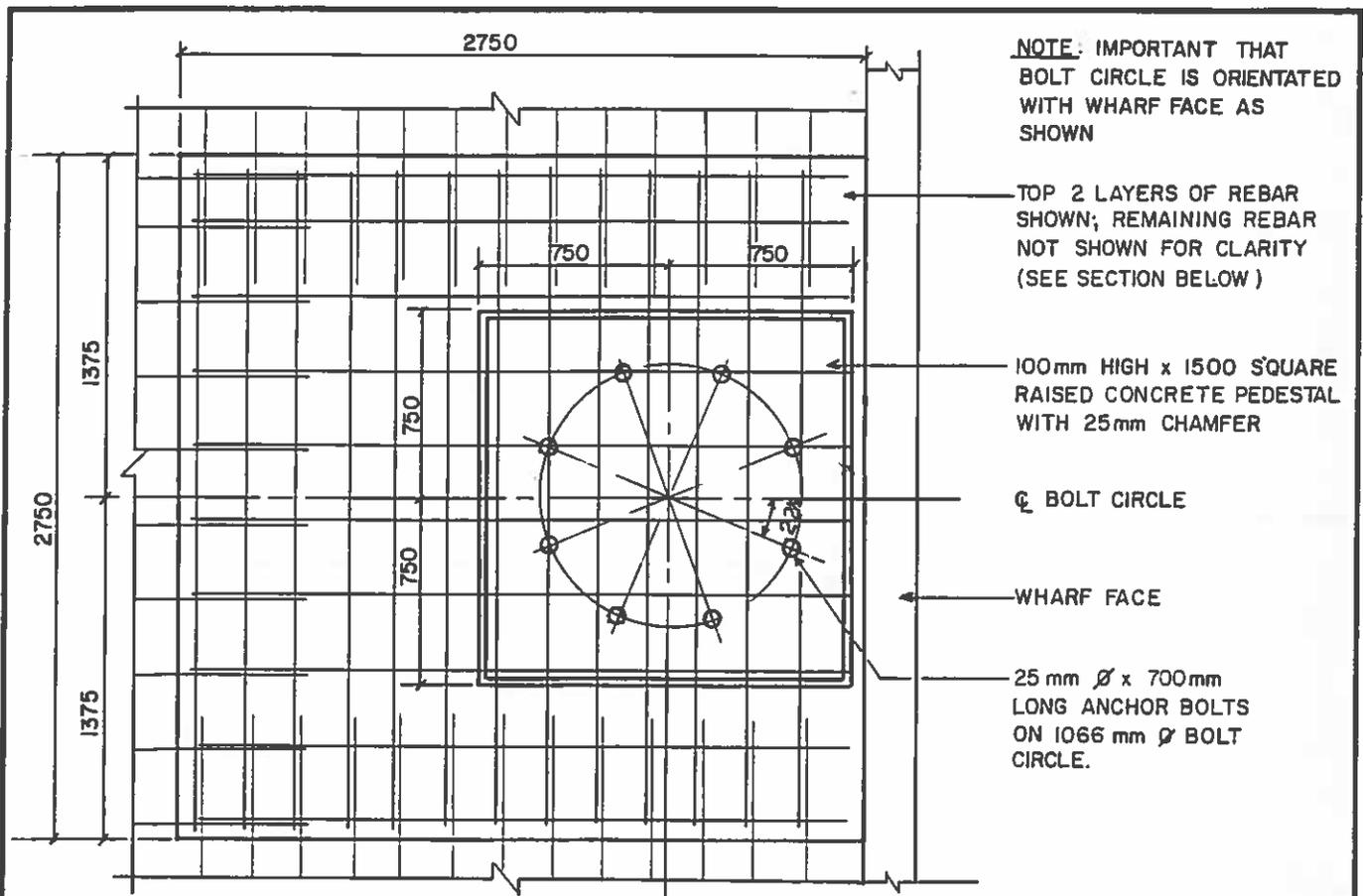
**CLEAT PLACEMENT**

M. HYNES MAY 1995  
D. BURSEY MAY 1995

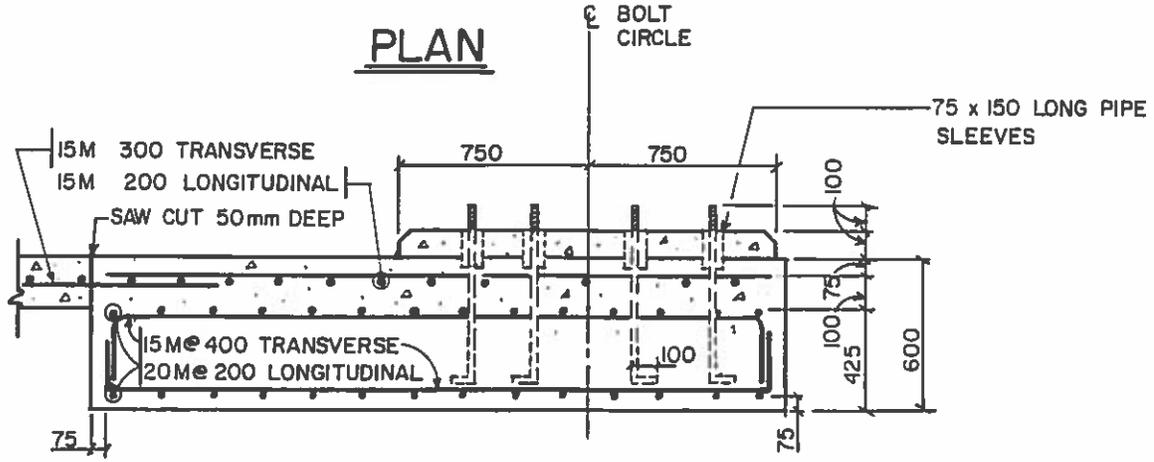
**PLAN AND SECTION**

Project Manager / Administrateur de projets  
Drawing No. / Numéro de dessin  
**CB-D7A**

C:\DWG\CLEAT.DWG



**PLAN**



**SECTION**

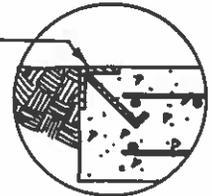
**NOTE:**  
I. ALL DIMENSIONS IN MILLIMETERS

	Drawing title: <b>JIB CRANE FOUNDATION</b> Titre du dessin:	designed by: <b>N. HOGAN</b> date: <b>AUG. '89</b> conçu par:
	<b>FOR EXISTING CRIB WHARF</b>	drawn by: <b>D. BURSEY</b> dessiné par:
<b>FLOWER'S COVE, NF.</b> <b>EMERGENCY JIB CRANE BASE CONSTRUCTION.</b>	date: <b>AUG. 1989</b>	reviewed by: <i>[Signature]</i> examiné par:
	SCALE: <b>1: 30</b>	approved by: <i>[Signature]</i> approuvé par:
		project no.: <b>733280</b> no. du projet:
		dwg. no.: <b>CB-08</b> dessin no.:

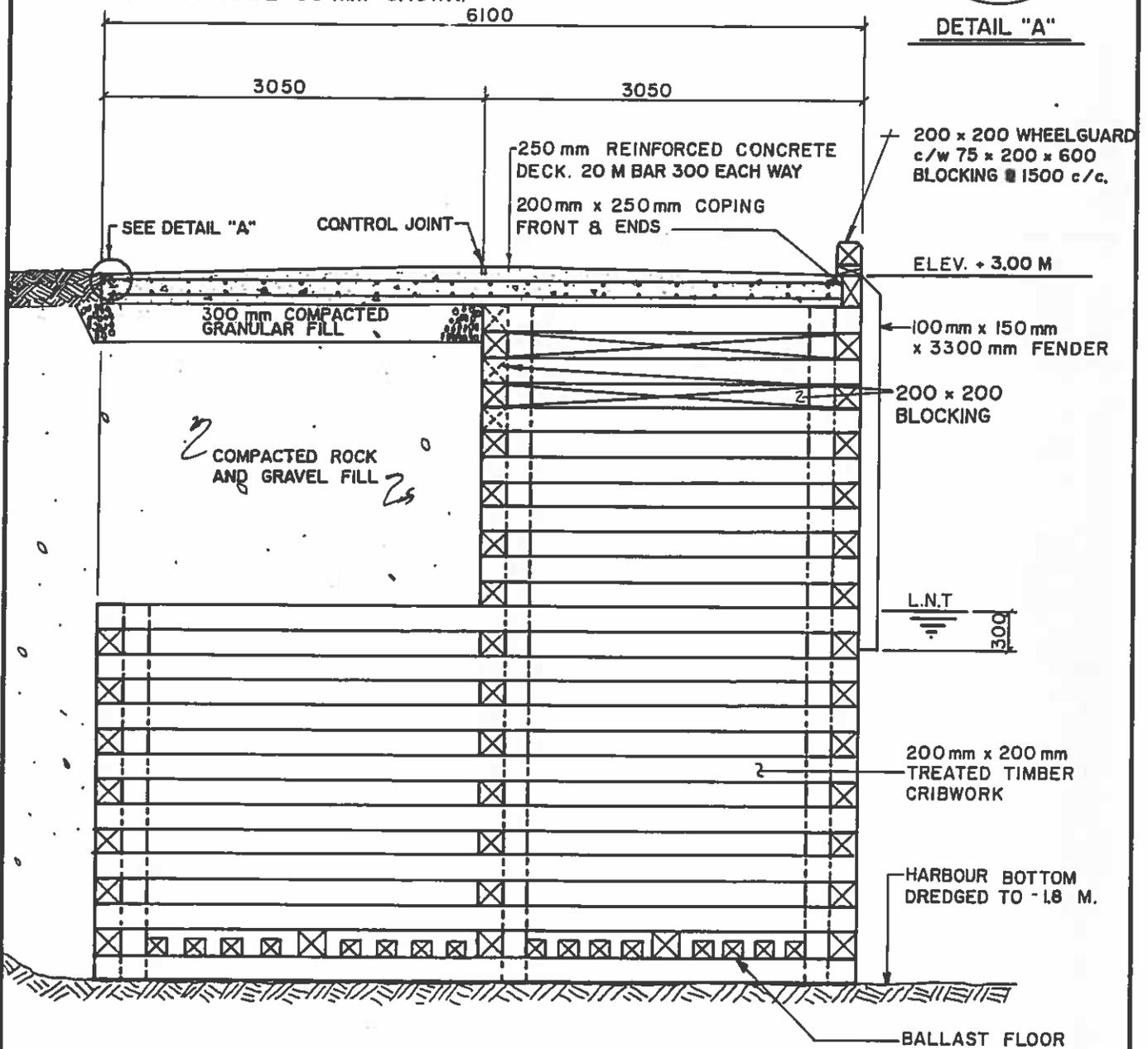
**NOTE**

1. ALL DIMENSIONS IN MILLIMETERS
2. ALL ELEVATIONS IN METERS
3. DECK LOADING TO MS150
4. DECK TO HAVE 50 mm CROWN.

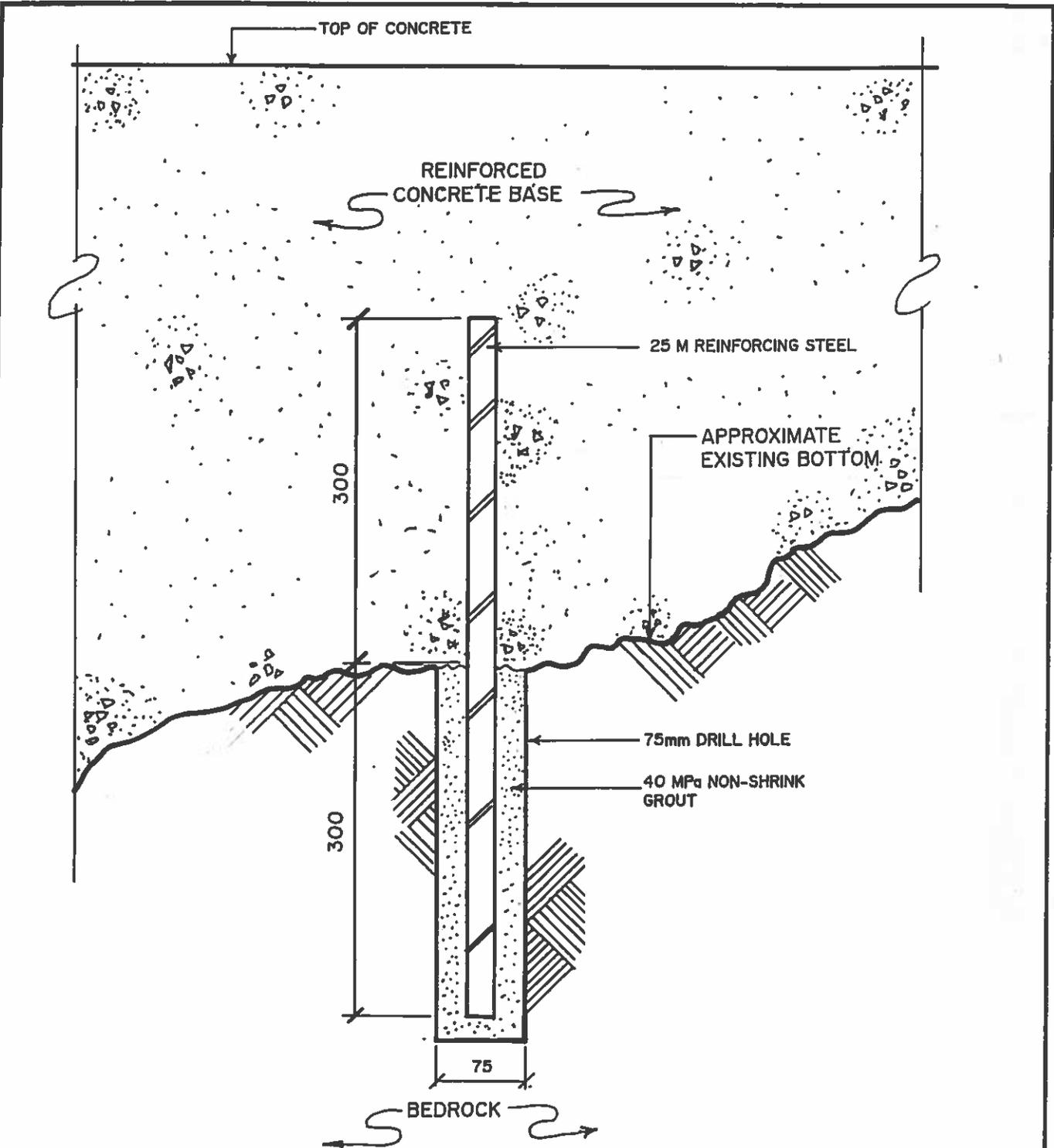
75 x 75 x 6 mm GALV. ANGLE  
 C/W 9 mm  $\phi$  x 200 mm LONG  
 ANCHORS ■ 300 mm C/C  
 CONTINUOUS ALONG EXPOSED  
 EDGES OF CONCRETE



**DETAIL "A"**



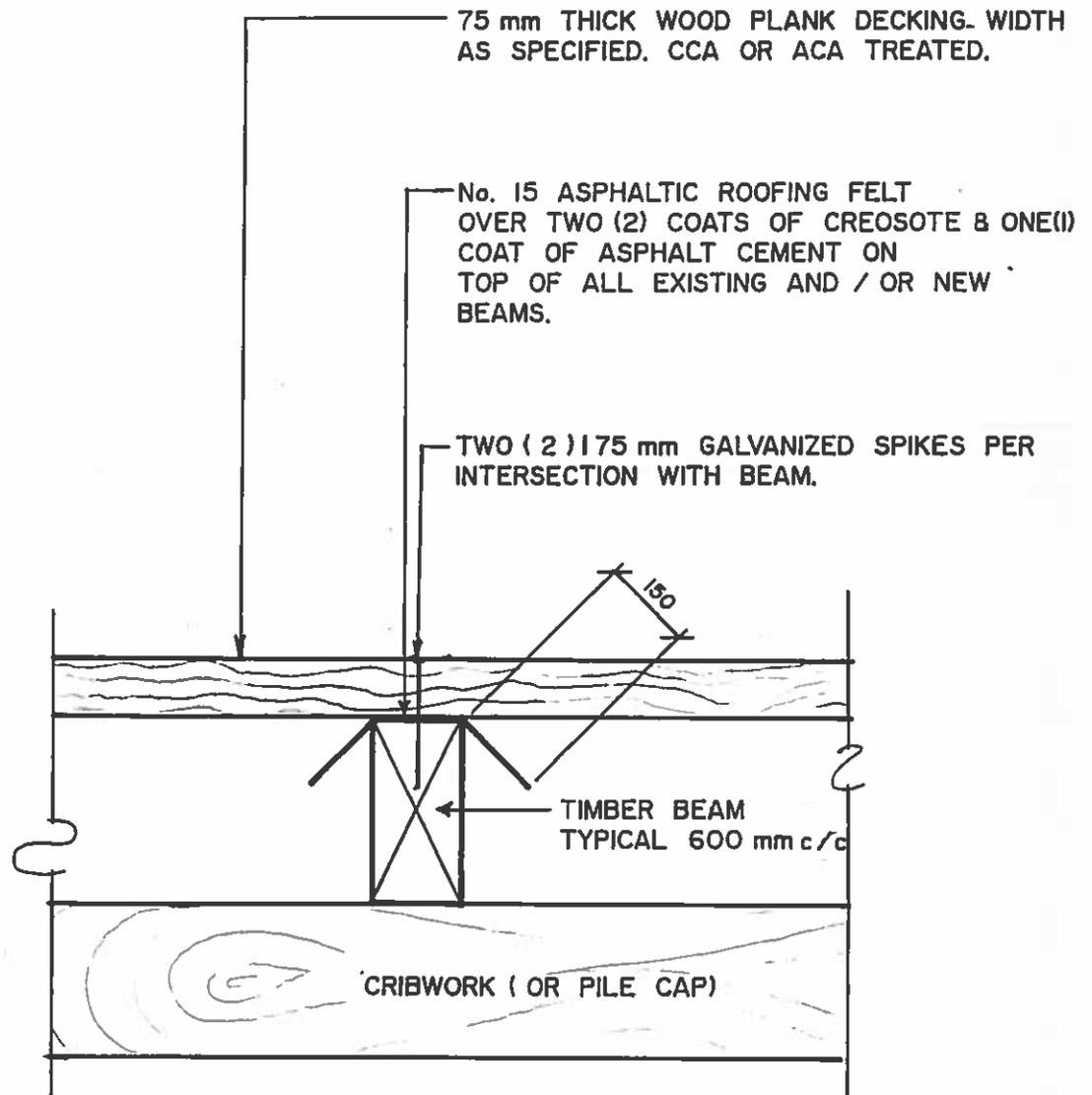
	Drawing title Titre du dessin: <b>TYPICAL TIMBER                  STEP CRIB</b>	designed by conçu par: <b>N. HOGAN</b>	date
	date: <b>JANUARY 1990</b>	drawn by dessiné par: <b>D. BURSEY</b>	reviewed by examiné par: <i>Heish Sidham</i>
scale: échelle: <b>N.T.S.</b>	approved by approuvé par:	project no.: no. du projet:	dwg. no. dessin no. <b>C.B. - 12</b>



**NOTES :**

1. ALL DIMENSIONS IN MILLIMETERS.
2. REINFORCING STEEL - BILLET GRADE TO CSAG30J2-MI977, GRADE 400.
3. CAST-IN-PLACE CONCRETE TO MINIMUM COMPRESSIVE STRENGTH 30MPa AT 28 DAYS.
4. REINFORCING STEEL OMITTED FOR CLARITY.

 Public Works Canada Travaux publics Canada	Drawing title: Titre du dessin: <b>TYPICAL DOWEL DETAIL</b>		designed by: conçu par: <b>N. HOGAN</b>	
	scale: échelle: <b>1:5</b>		drawn by: dessiné par: <b>L. STRONG</b>	
date: <b>SEPTEMBER 13, 1990</b>		reviewed by: examiné par:		approved by: approuvé par:
		revisions:		project no.: no. du projet:
				dwg. no.: dessin no.: <b>CB-16</b>



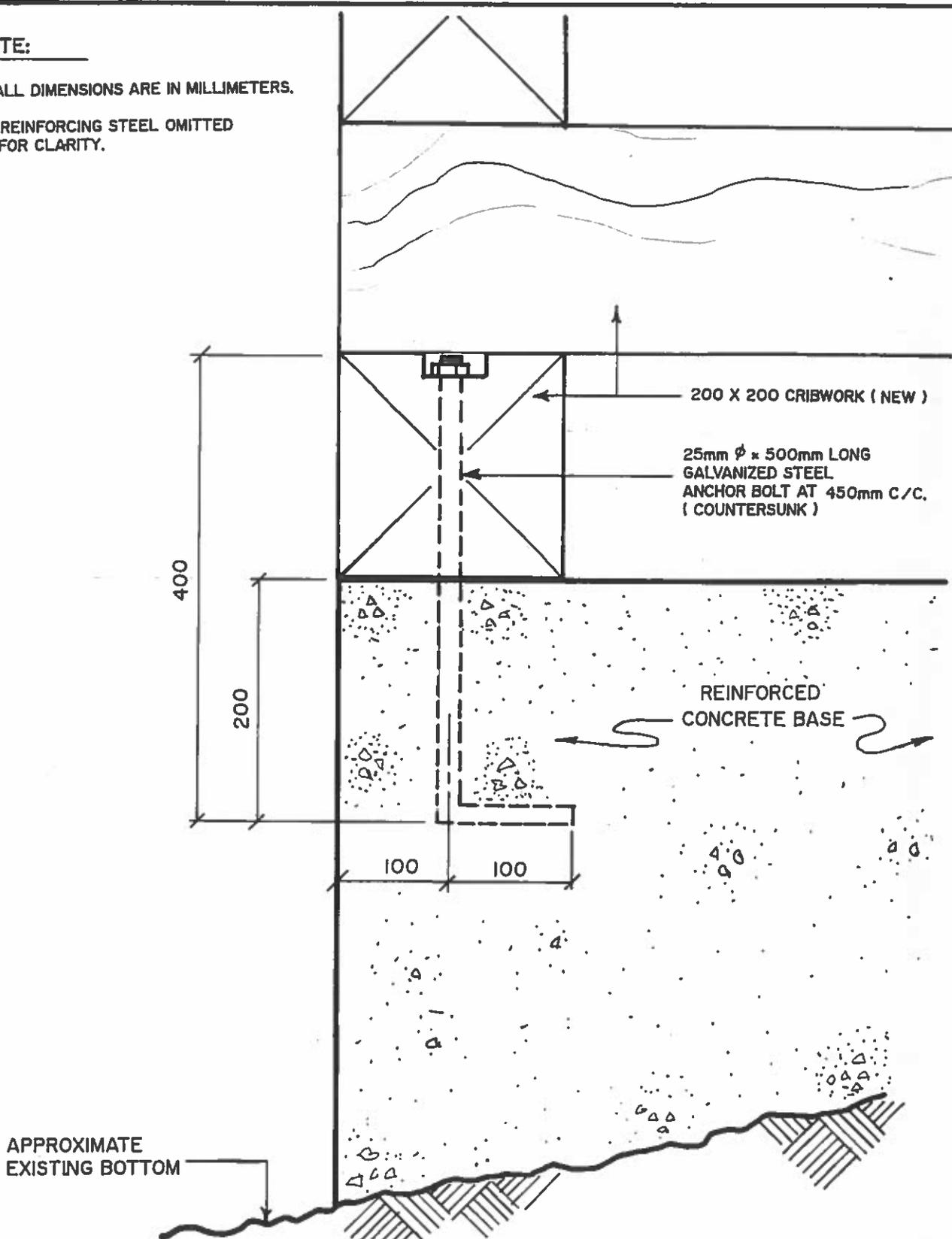
### NOTES

1. ALL DIMENSIONS IN MILLIMETERS.
2. WOOD PLANK DECKING AND TIMBER BEAM SIZES AS SPECIFIED.

 <b>Public Works</b> Canada <b>Travaux publics</b> Canada	Drawing title: Titre du dessin: <b>BEAM PROTECTION DETAIL</b>	designed by: conçu par: <b>C. BOUCHER</b>
	scale: échelle: <b>1 : 10</b>	drawn by: dessiné par: <b>L. STRONG</b>
	date: <b>8 SEPTEMBER 1992</b>	reviewed by: examiné par: <i>Keith Ridham</i>
	revisions:	approved by: approuvé par:
		project no.: no. du projet:
		dwg. no.: dessin no.: <b>CB-17</b>

**NOTE:**

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. REINFORCING STEEL OMITTED FOR CLARITY.



Public Works Canada / Travaux publics Canada

Drawing title: Titre du dessin:

**TYPICAL ANCHOR BOLT DETAIL**

scale: échelle: 1:5

dpts:

SEPTEMBER 13, 1990

revisions:

designed by: conçu par: N. HOGAN

drawn by: dessiné par: L. STRONG

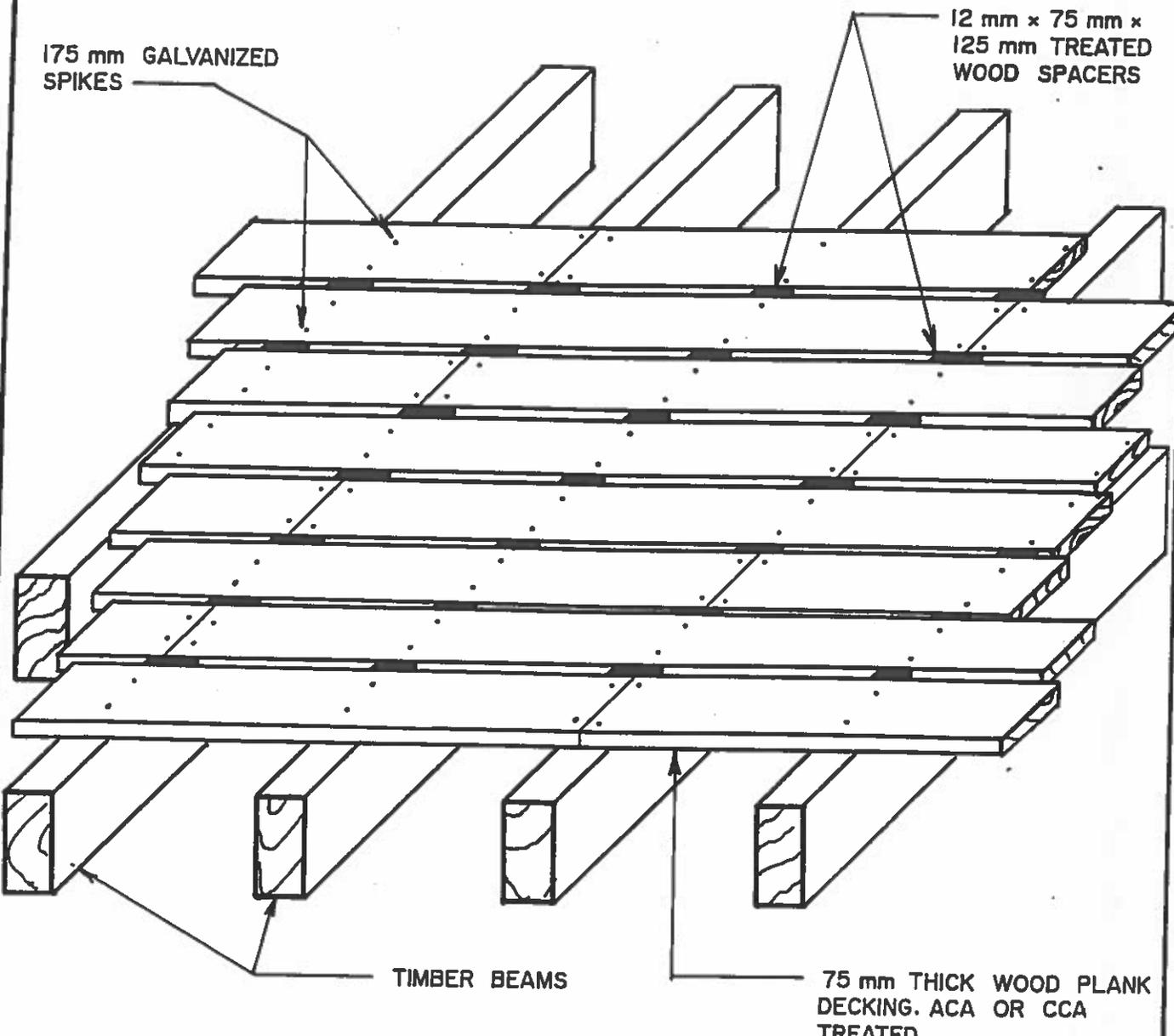
reviewed by: examiné par:

approved by: approuvé par:

project no.: no. du projet:

dwg. no.: dessin no.

**CB-18**



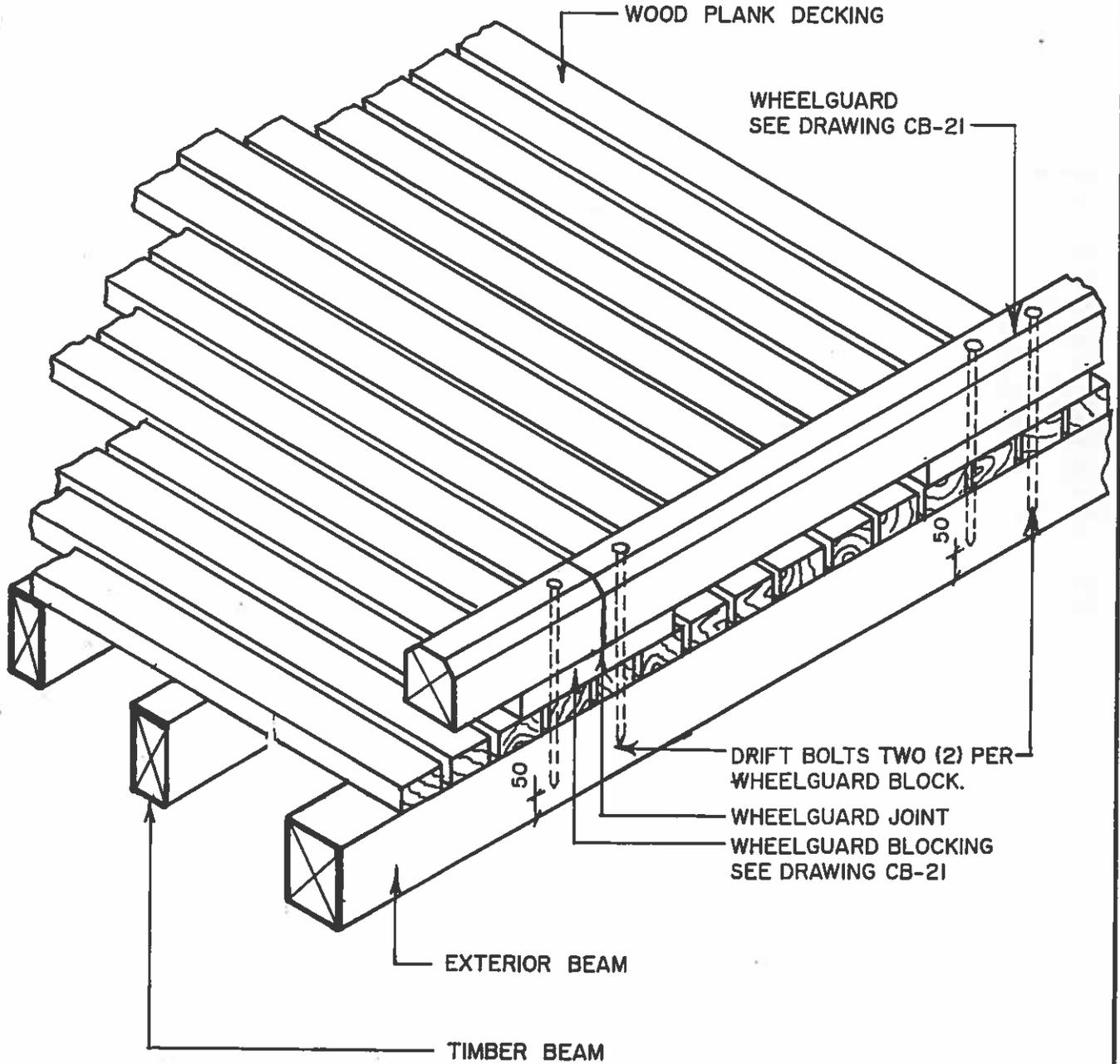
**NOTES**

1. ALL DIMENSIONS IN MILLIMETERS.
2. WOOD PLANK DECKING AND TIMBER BEAM SIZES AS SPECIFIED.
3. FELT PROTECTION FOR BEAMS ( as per CB-17 ) IS OMITTED FOR CLARITY.

 Public Works Canada Travaux publics Canada	Drawing title: Titre du dessin: <b>WOOD PLANK DECKING DETAIL</b>	designed by: conçu par: <b>N. HOGAN</b>
	scale: échelle: <b>1:20</b>	drawn by: dessiné par: <b>L. STRONG</b>
	date: <b>8 SEPTEMBER 1992</b>	reviewed by: examiné par: <i>Keith Dickham</i>
	revisions:	approved by: approuvé par:
		project no. : no. du projet:
		dwg. no. dessin no. <b>CB-20</b>

NOTES

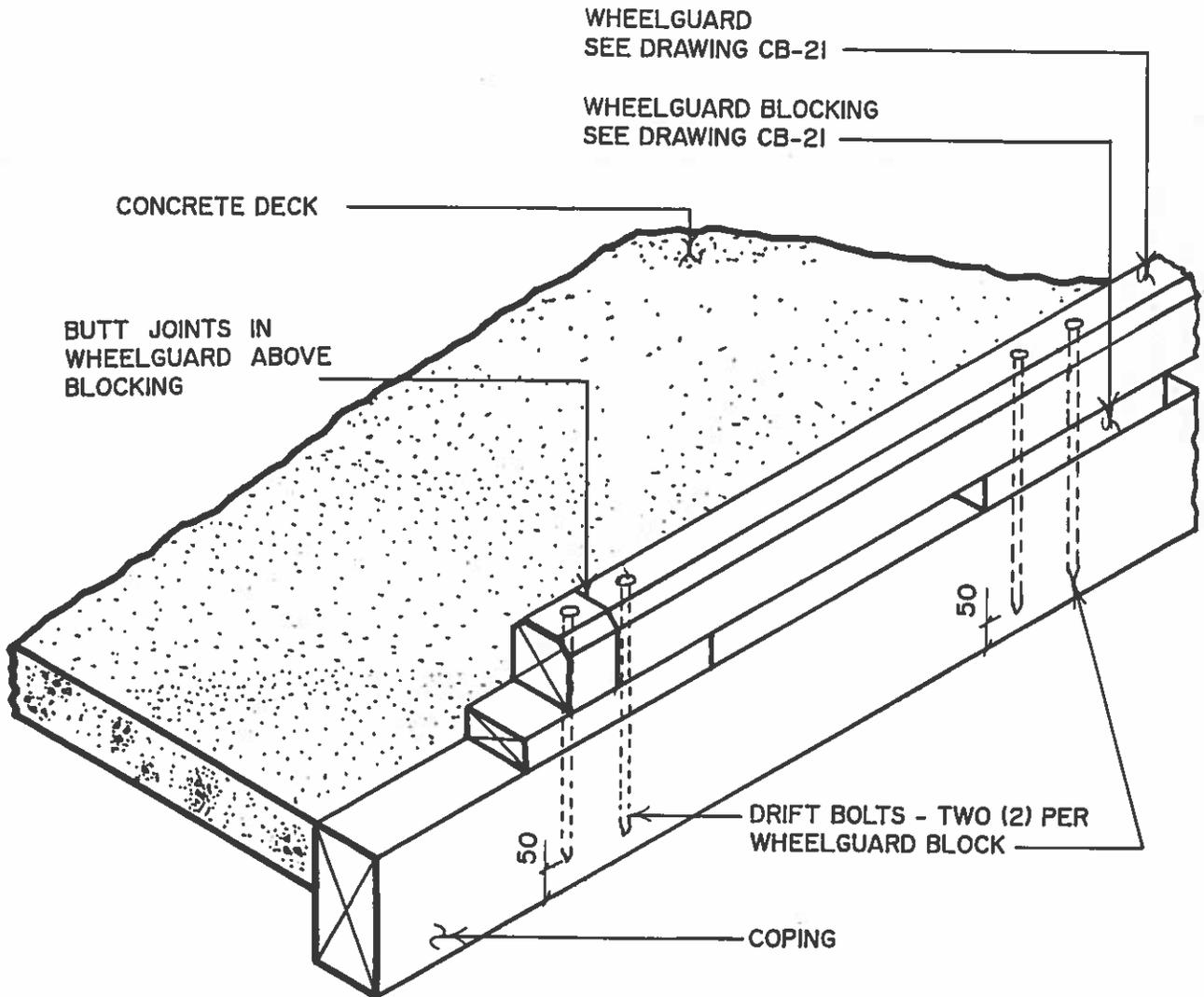
1. ALL DIMENSIONS IN MILLIMETERS.
2. WHEELGUARD, WHEELGUARD BLOCKING, WOOD PLANK DECKING AND TIMBER BEAM SIZES AS SPECIFIED.



 Public Works Canada Travaux publics Canada	Drawing title: Titre du dessin: <b>DETAIL - WHEELGUARD          BOLTING TO PLANK DECKING</b>	designed by: conçu par: <b>N. HOGAN</b>
	scale: échelle: <b>1:20</b>	drawn by: dessiné par: <b>L. STRONG</b>
	date: <b>8 SEPTEMBER 1992</b>	reviewed by: examiné par: <i>Keith Sidham</i>
	revisions:	approved by: approuvé par:
		project no.: no. du projet:
		dwg. no. dessin no. <b>CB-22</b>

NOTES :

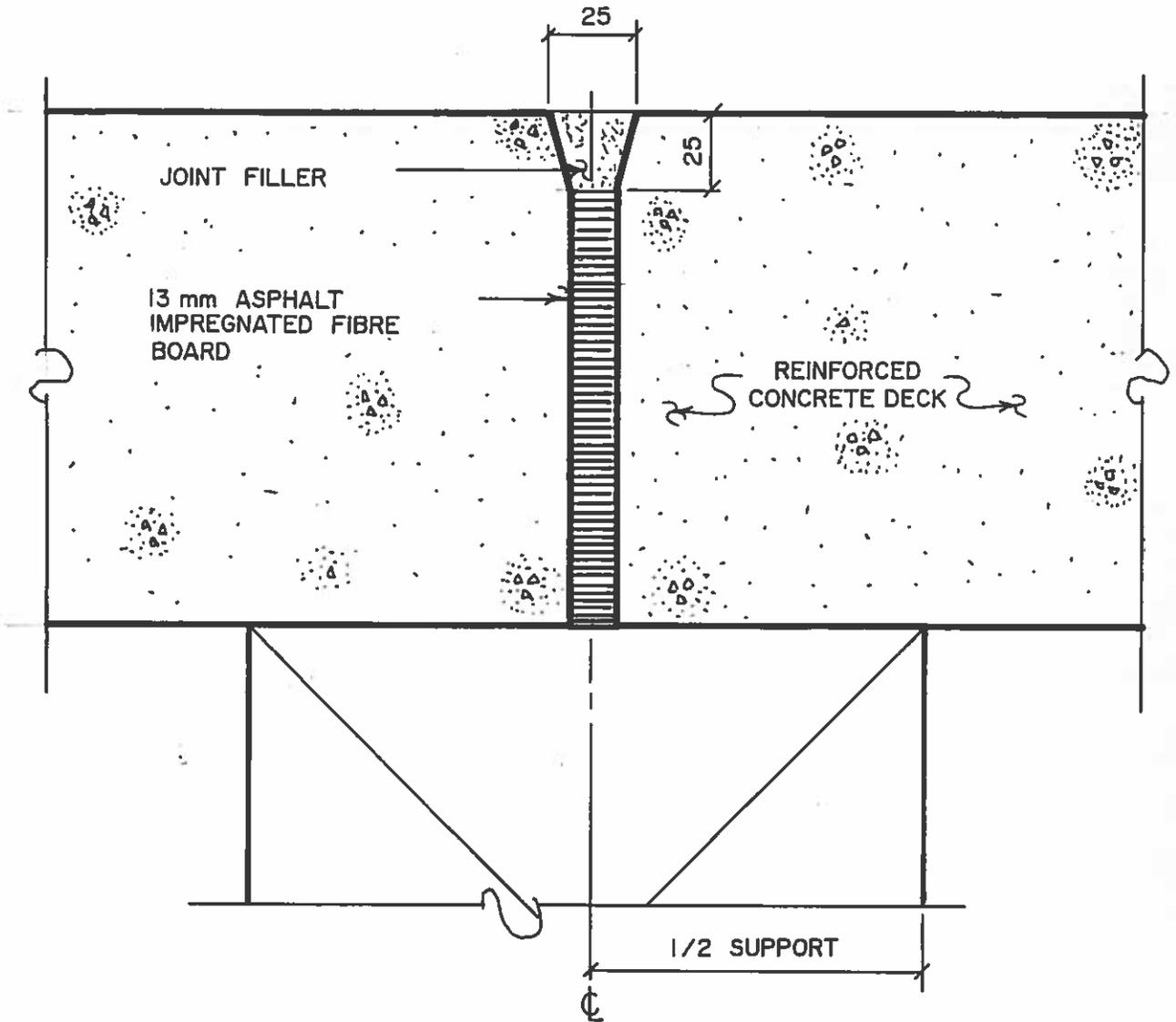
1. ALL DIMENSIONS IN MILLIMETERS
2. TIMBER SIZES AS SPECIFIED



 Public Works Canada    Travaux publics Canada	Drawing title: Titre du dessin:		designed by: conçu par: <b>N. HOGAN</b>		
	scale: échelle: <b>1 : 20</b>		drawn by: dessiné par: <b>L. STRONG</b>		
<u>DETAIL - WHEELGUARD</u> <u>BOLTING TO COPING</u>		date: <b>SEPTEMBER 1992</b> revisions:		reviewed by: examiné par: <i>Keith Ridham</i>	
				approved by: approuvé par:	
				project no.: no. du projet:	
				dwg. no. dessin no.: <b>CB-23</b>	

NOTES :

I. ALL DIMENSIONS IN MILLIMETERS.



Public Works Canada / Travaux publics Canada

Drawing title: Titre du dessin:

scale: échelle:

date SEPTEMBER 1992 revisions

designed by: conçu par: N. HOGAN

drawn by: dessiné par: L. STRONG

reviewed by: examiné par: Keith Ordham

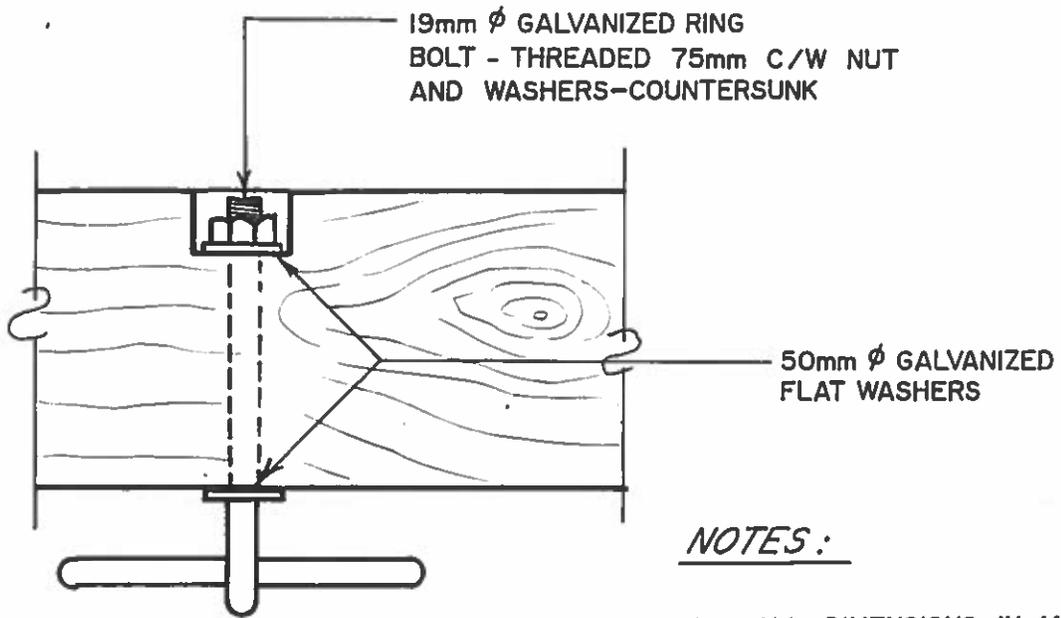
approved by: approuvé par:

project no.: no. du projet:

dwg no.: dessin no.:

CB-24

DETAIL - CONTROL  
JOINT FOR CRIBWORK

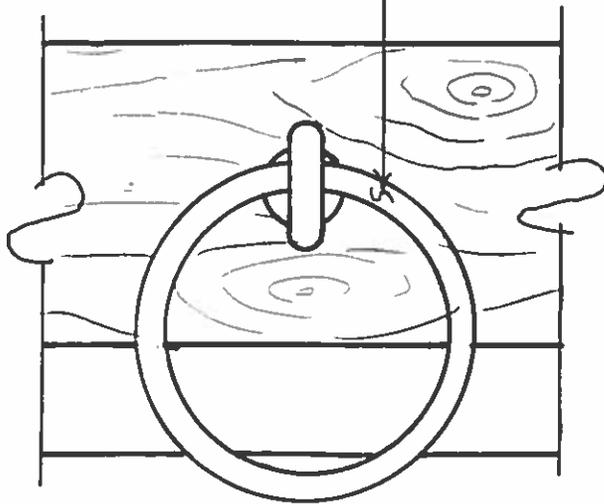


PLAN

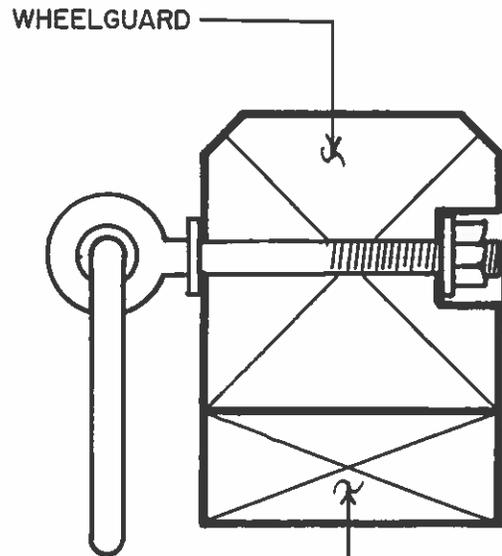
NOTES:

1. ALL DIMENSIONS IN MILLIMETERS
2. TIMBER SIZES AS SPECIFIED

150mm I.D. GALVANIZED  
MOORING RING FABRICATED  
FROM 19mm  $\phi$  STOCK

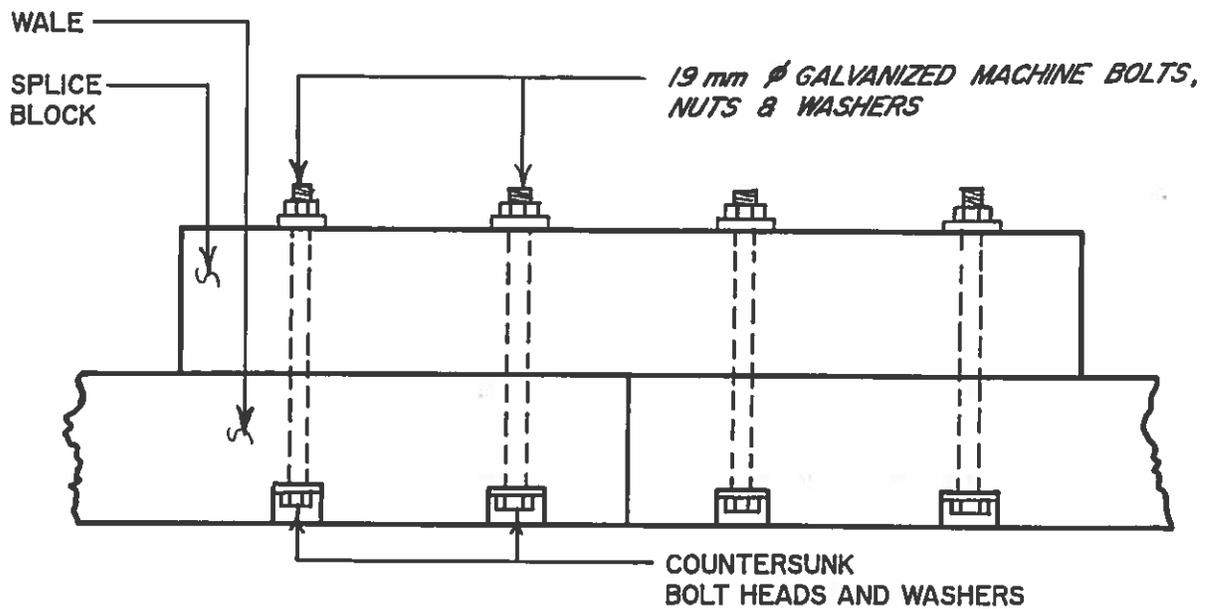


ELEVATION

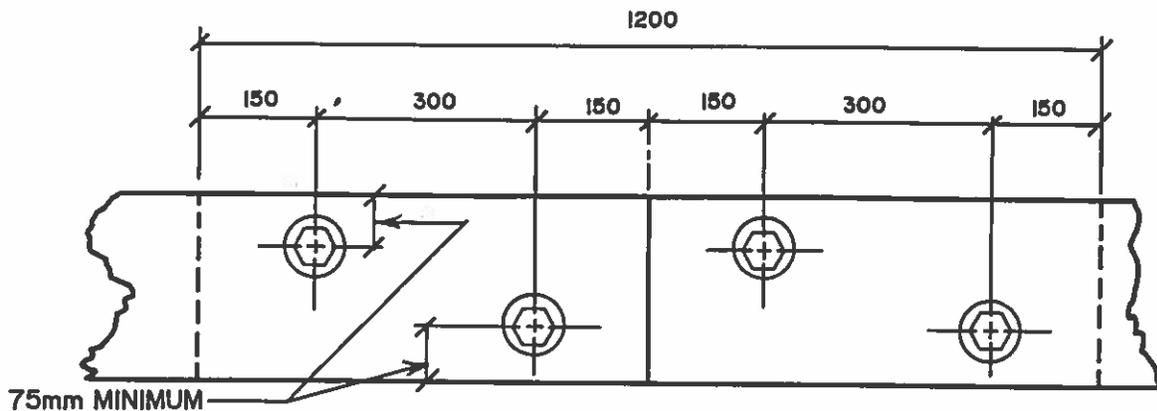


TYPICAL SECTION

 Public Works Canada Travaux publics Canada	Drawing title: Titre du dessin:		designed by: conçu par: N. HOGAN
	scale: échelle: 1:5		drawn by: dessiné par: L. STRONG
date: SEPTEMBER 1992		reviewed by: examiné par: <i>David Disher</i>	approved by: approuvé par:
<u>DETAIL - MOORING</u> <u>RING</u>		revisions	project no.: no. du projet:      dwg no. dessin no.: <b>CB-26</b>



PLAN



ELEVATION

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS
2. TIMBER SIZES AS SPECIFIED



Public Works Canada / Travaux publics Canada

Drawing title:  
Titre du dessin:

**DETAIL - SPLICE IN WALE**

scale:  
échelle: 1:20

date: *SEPTEMBER 1992*

revisions

designed by:  
conçu par: **N. HOGAN**

drawn by:  
dessiné par: **L. STRONG**

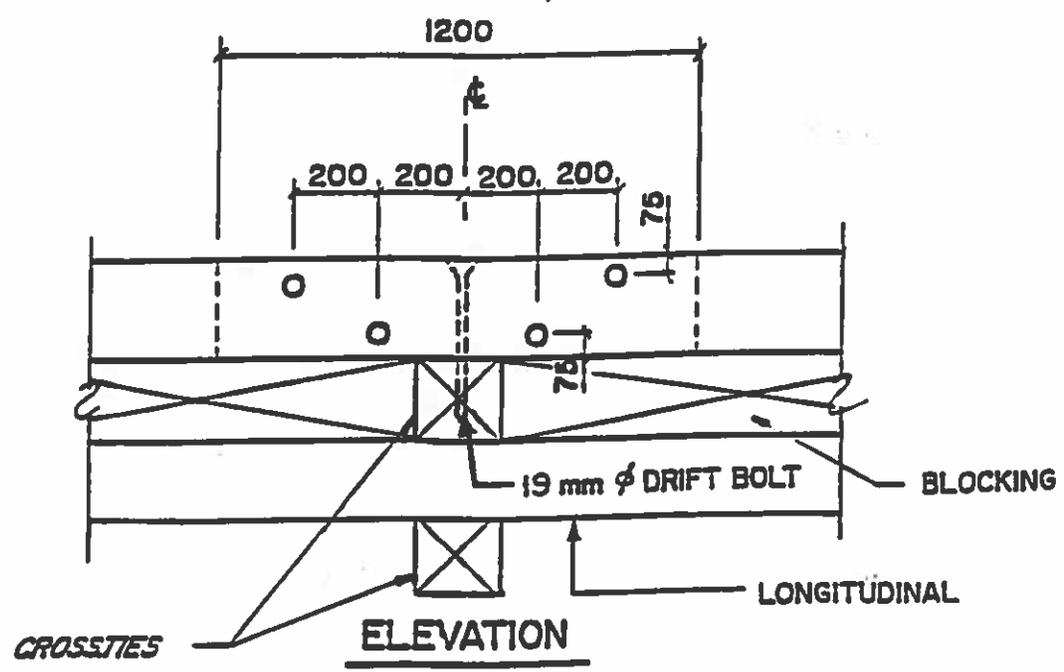
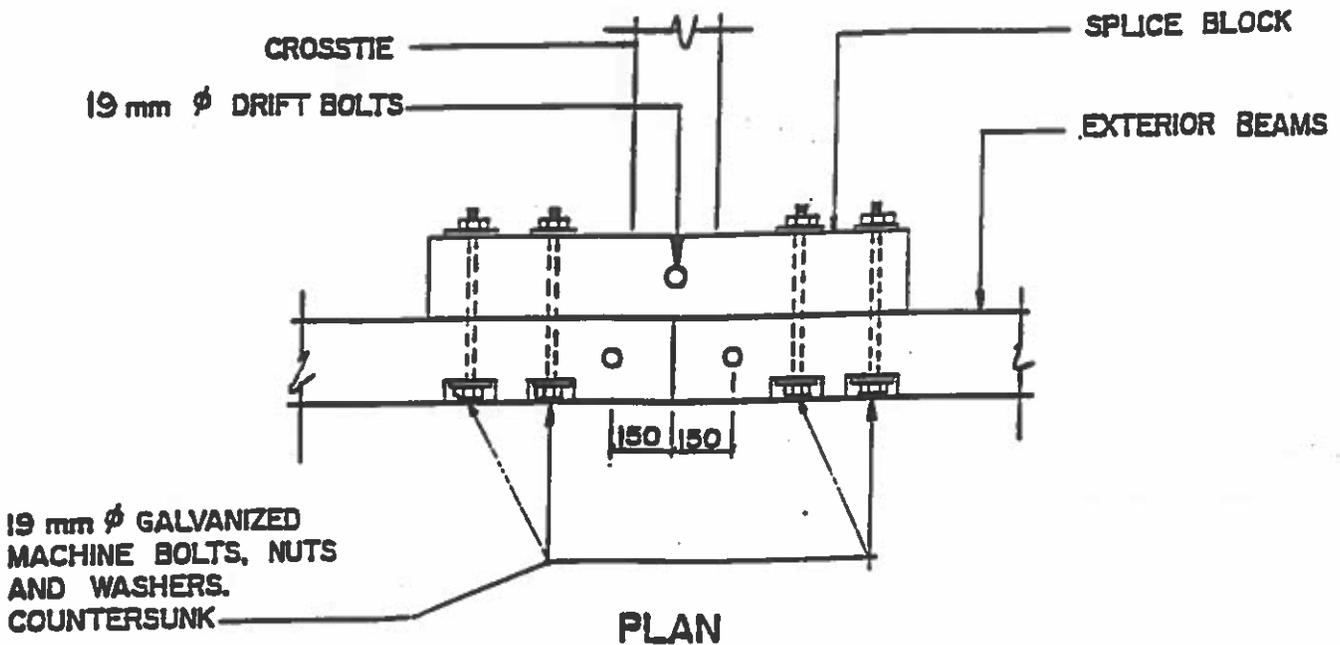
reviewed by:  
examiné par: *David Stephens*

approved by:  
approuvé par:

project no.:  
no. du projet:

dwg. no.  
dessin no.

**CB-27**



**NOTES :**

1. ALL DIMENSIONS IN MILLIMETERS.
2. TIMBER SIZES AS SPECIFIED

Public Works Canada / Travaux publics Canada

Drawing title:  
Titre du dessin:  
**PLAN AND ELEVATION**

scale:  
échelle: 1:20

designed by:  
conçu par: **N. HOGAN** date . . .

drawn by:  
dessiné par: **D. BURSEY**

reviewed by:  
examiné par: *Heish Aidham*

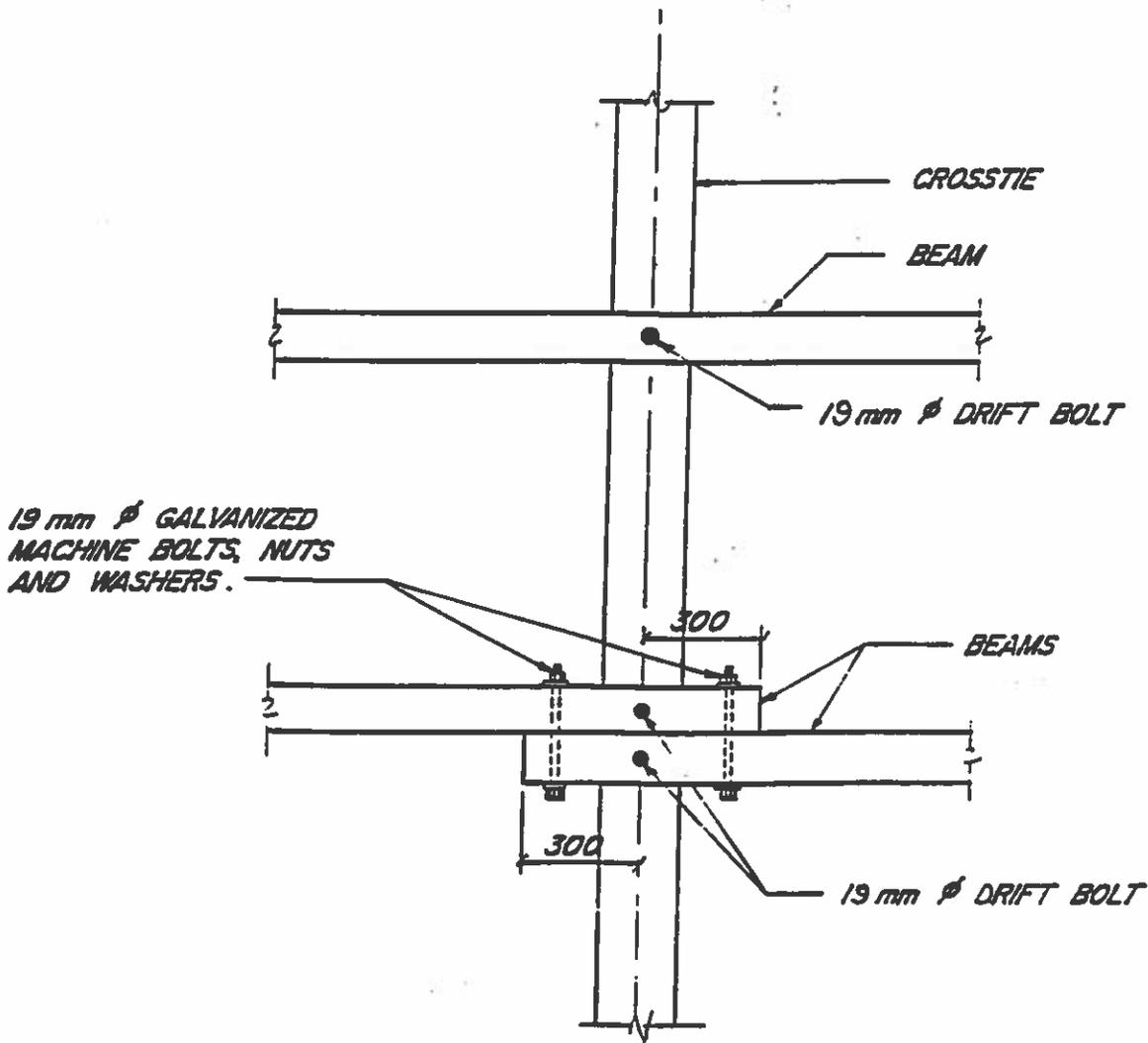
**DETAIL - EXTERIOR  
BEAM SPLICE**

date: **SEPTEMBER 1992** revisions:

approved by:  
approuvé par:

project no.:  
no. du projet:

dwg. no.  
dessin no.  
**CB - 28**



**NOTES:**

- 1 ALL DIMENSIONS IN MILLIMETERS
- 2 TIMBER SIZES AS SPECIFIED



Public Works Canada / Travaux publics Canada

Drawing title: / Titre du dessin:

PLAN

scale: / échelle: 1:20

date: SEPTEMBER 1992

designed by: / conçu par: K. DIDHAM date

drawn by: / dessiné par: D. BURSEY

reviewed by: / examiné par: Keith Airdham

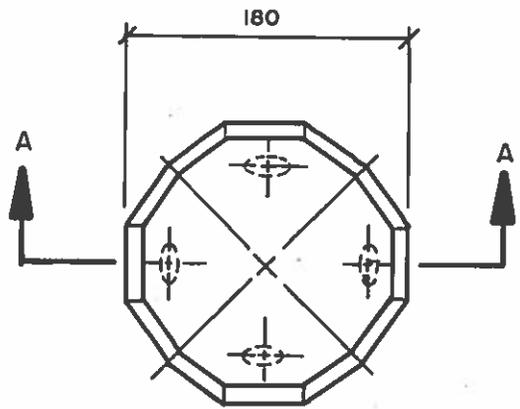
approved by: / approuvé par:

project no.: / no. du projet:

dwg. no. / dessin no.

CB - 29

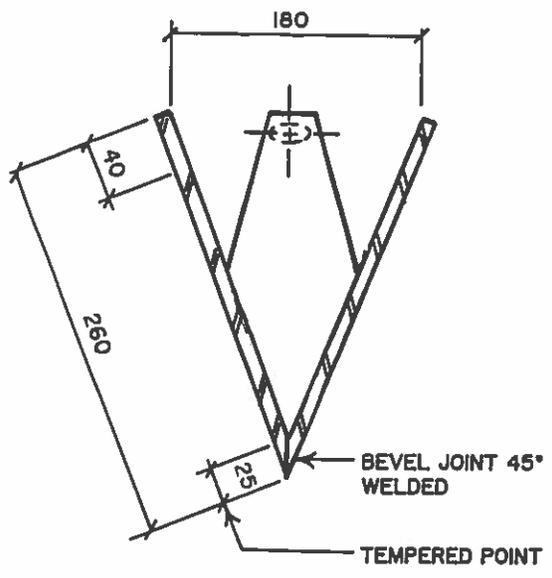
DETAIL - BOLTING  
OF INTERIOR BEAMS



PLAN

NOTE:

1. 4 - 10mm  $\phi$  x 150 LARGE SPIKE  
IN EACH PILE SHOE.



SECTION "A - A"

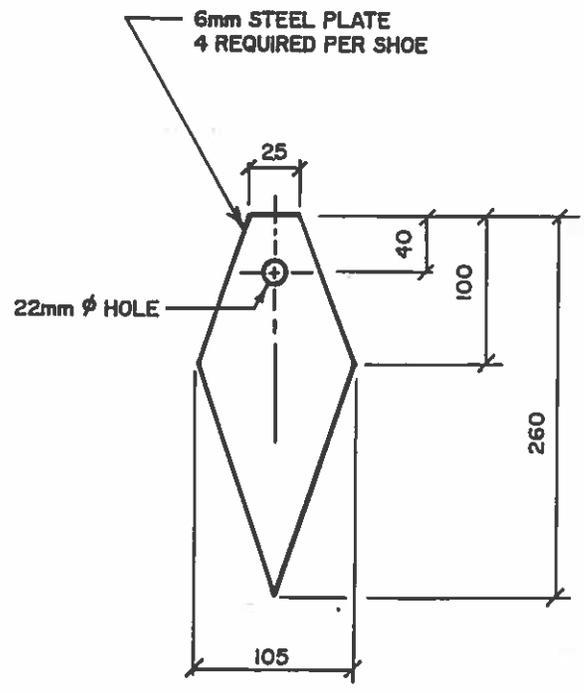


PLATE DETAIL

 Public Works Canada    Travaux publics Canada

Drawing title:  
Titre du dessin:  
**TIMBER PILE SHOE DETAIL**

designed by:  
conçu par:

scale:  
échelle: 1:5

drawn by:  
dessiné par: **L. STRONG**

date: **OCTOBER 10, 1990**

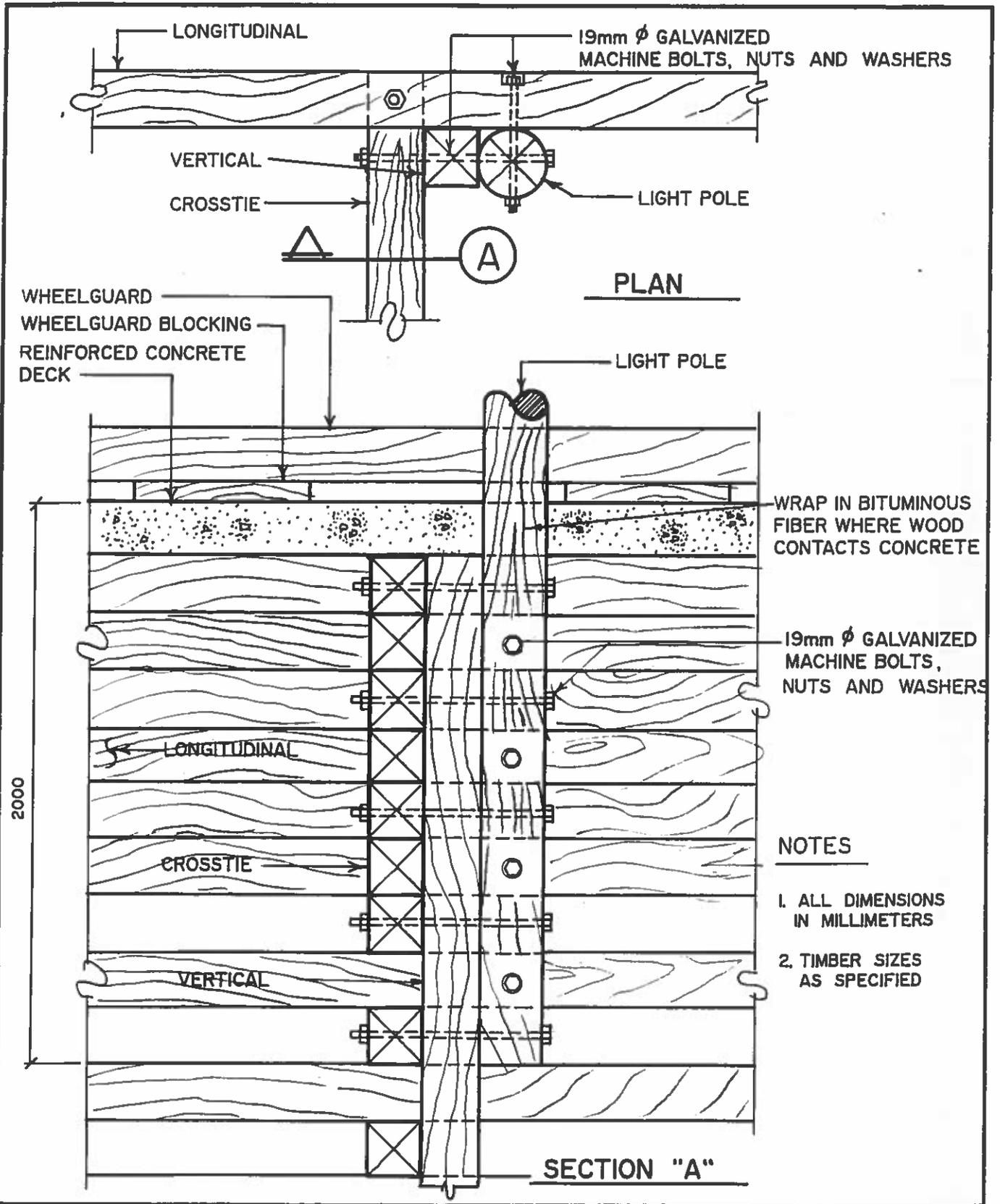
reviewed by:  
examiné par:

approved by:  
approuvé par:

project no.:  
no. du projet

dwg no.:  
dessin no.

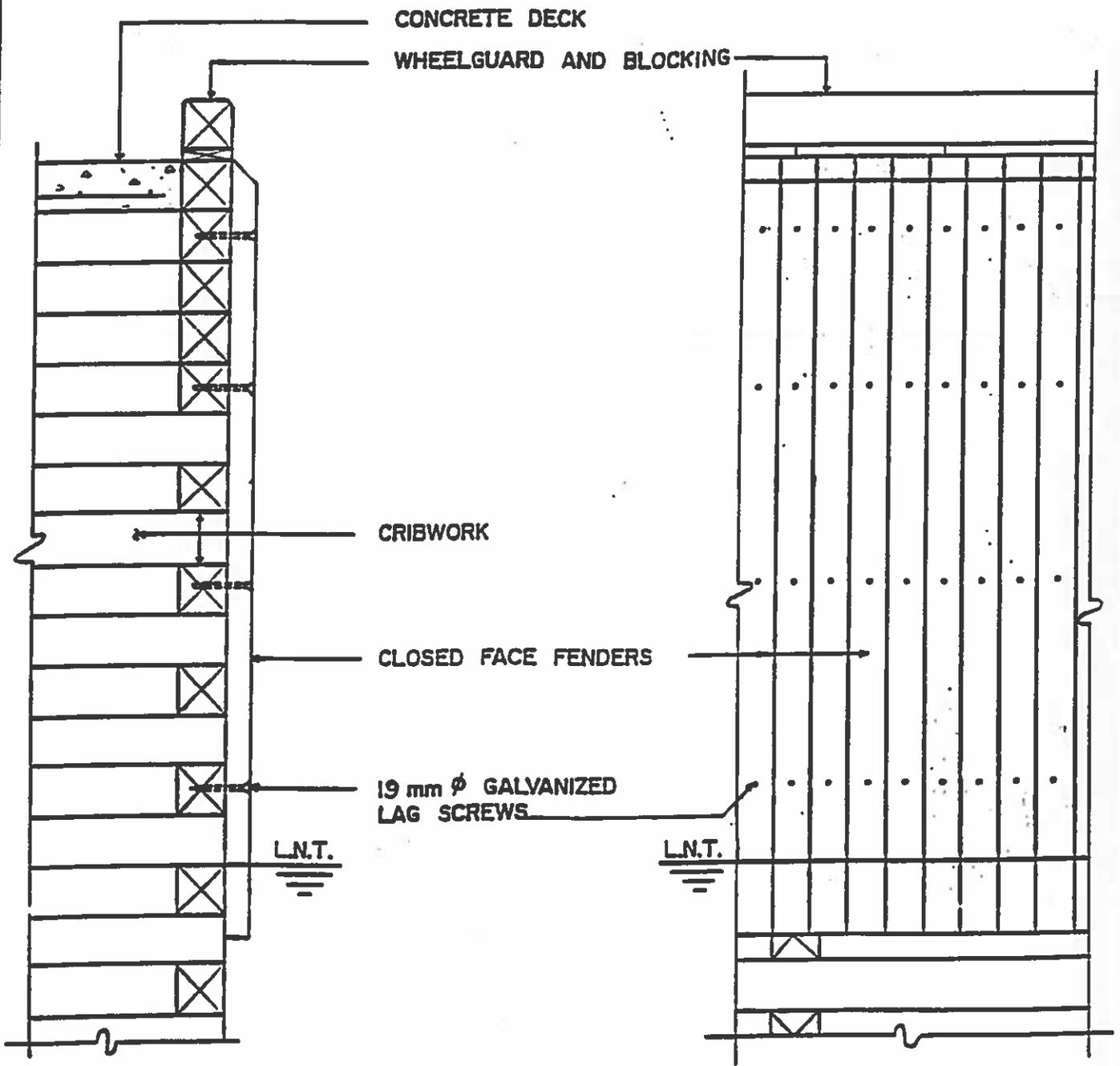
**CB-30**



**NOTES**

- 1. ALL DIMENSIONS IN MILLIMETERS
- 2. TIMBER SIZES AS SPECIFIED

 <b>Public Works Canada</b> / <b>Travaux publics Canada</b>	Drawing title: Titre du dessin:		designed by: conçu par: <b>R. LEE</b> MAY, 1985		
	scale: échelle: 1:20		drawn by: dessiné par: <b>L. STRONG</b>		
<b>DETAIL - LIGHTPOLE IN CRIBWORK</b>		date: <b>SEPTEMBER 1992</b> revisions:		reviewed by: examiné par:	
				approved by: approuvé par:	
				project no: no. du projet: <b>CB-32</b> dwg. no: dessin no.	



SECTION

ELEVATION

NOTES

- 1 ALL DIMENSIONS IN MILLIMETERS
- 2 TIMBER SIZES AS SPECIFIED



Public Works Canada / Travaux publics Canada

Drawing title / Titre du dessin:

ELEVATION AND SECTION

scale: échelle: 1:25

date: SEPTEMBER 1992

revisions:

designed by: conçu par: N. HOGAN date

drawn by: dessiné par: D. BURSEY

reviewed by: examiné par: *K. Bidham*

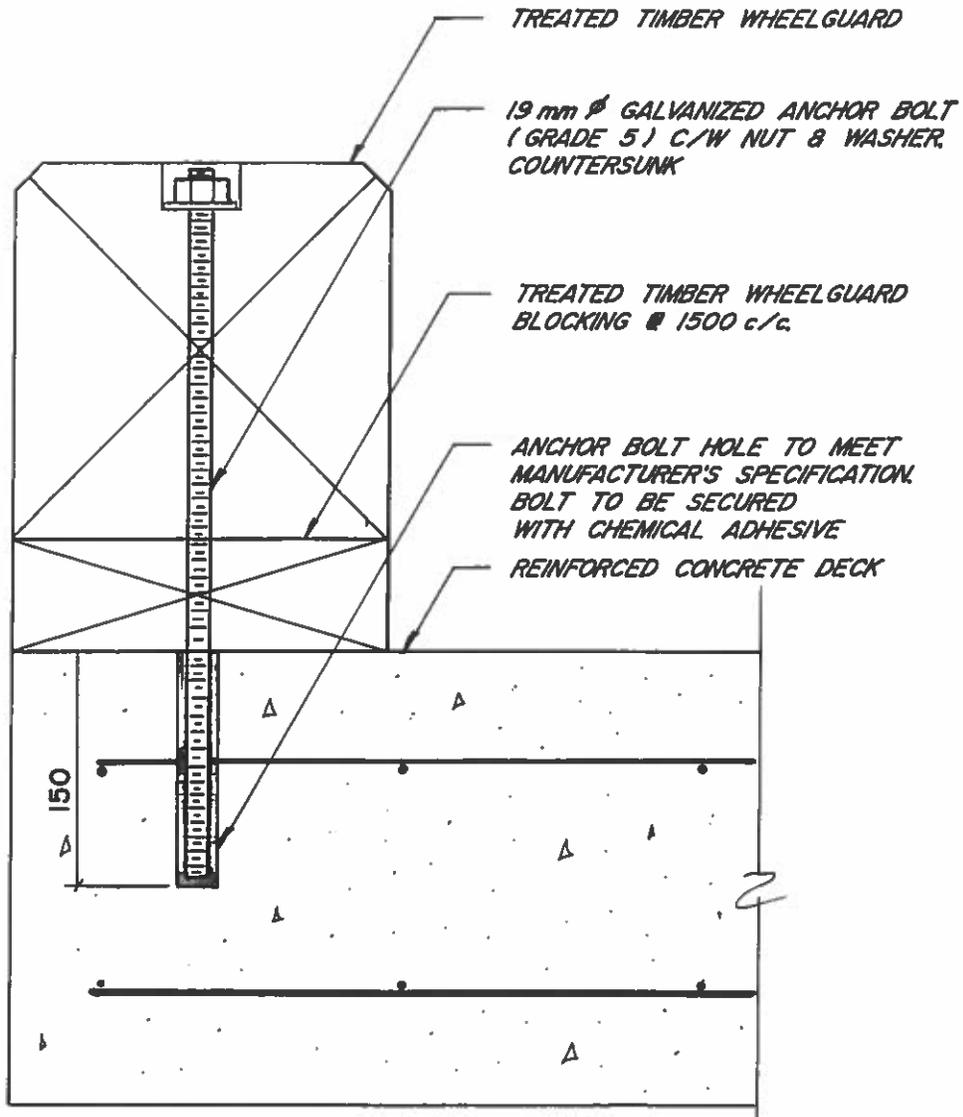
approved by: approuvé par:

project no.: no. du projet

dwg. no. dessin r

TYPICAL DETAIL -  
CLOSED FACE FENDERS

CB - 34

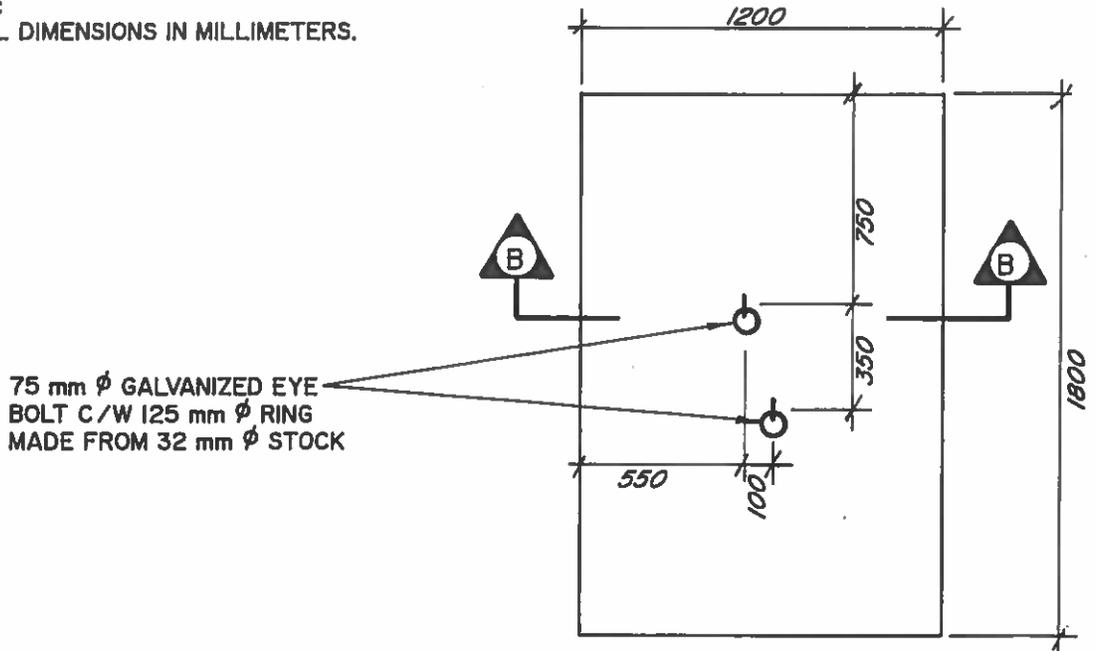


NOTE:

1. ALL DIMENSIONS IN MILLIMETERS
2. TIMBER SIZES AS SPECIFIED

 Public Works Canada Travaux publics Canada	Drawing title: Titre du dessin:		designed by conçu par: <i>N. HOGAN</i>	date
	<u>SECTION</u>		drawn by dessiné par: <i>D. BURSEY</i>	
		scale: échelle: <i>1:5</i>	reviewed by examiné par: <i>Keith Sidham</i>	
<u>DETAIL - WHEELGUARD</u> <u>BOLTING TO CONCRETE</u> <u>DECK</u>		date: <b>SEPTEMBER 1992</b>	approved by approuvé par:	
		revisions	project no.: no. du projet:	dwg. no. dessin no. <i>C.B. - 38</i>

NOTE :  
 I. ALL DIMENSIONS IN MILLIMETERS.



75 mm  $\phi$  GALVANIZED EYE  
 BOLT C/W 125 mm  $\phi$  RING  
 MADE FROM 32 mm  $\phi$  STOCK

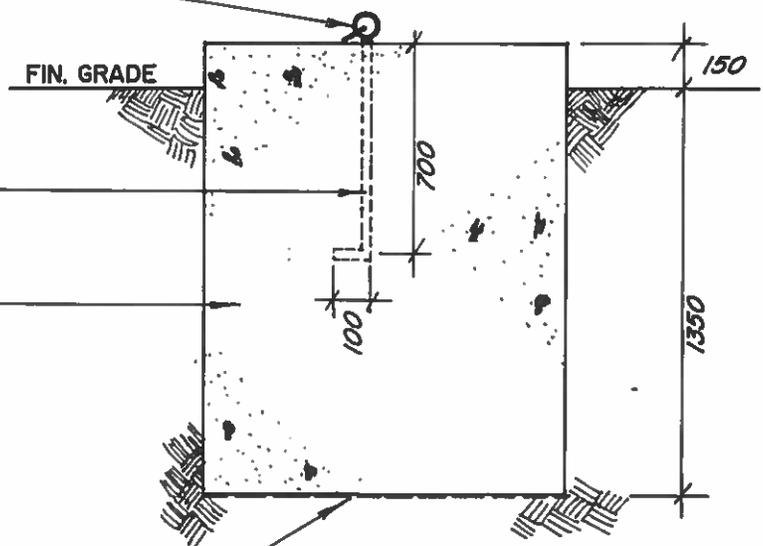
PLAN

75 mm  $\phi$  GALVANIZED EYE  
 BOLT C/W 125 mm  $\phi$  RING  
 MADE FROM 32 mm  $\phi$  STOCK

32 mm  $\phi$  GALVANIZED  
 ANCHOR BOLT

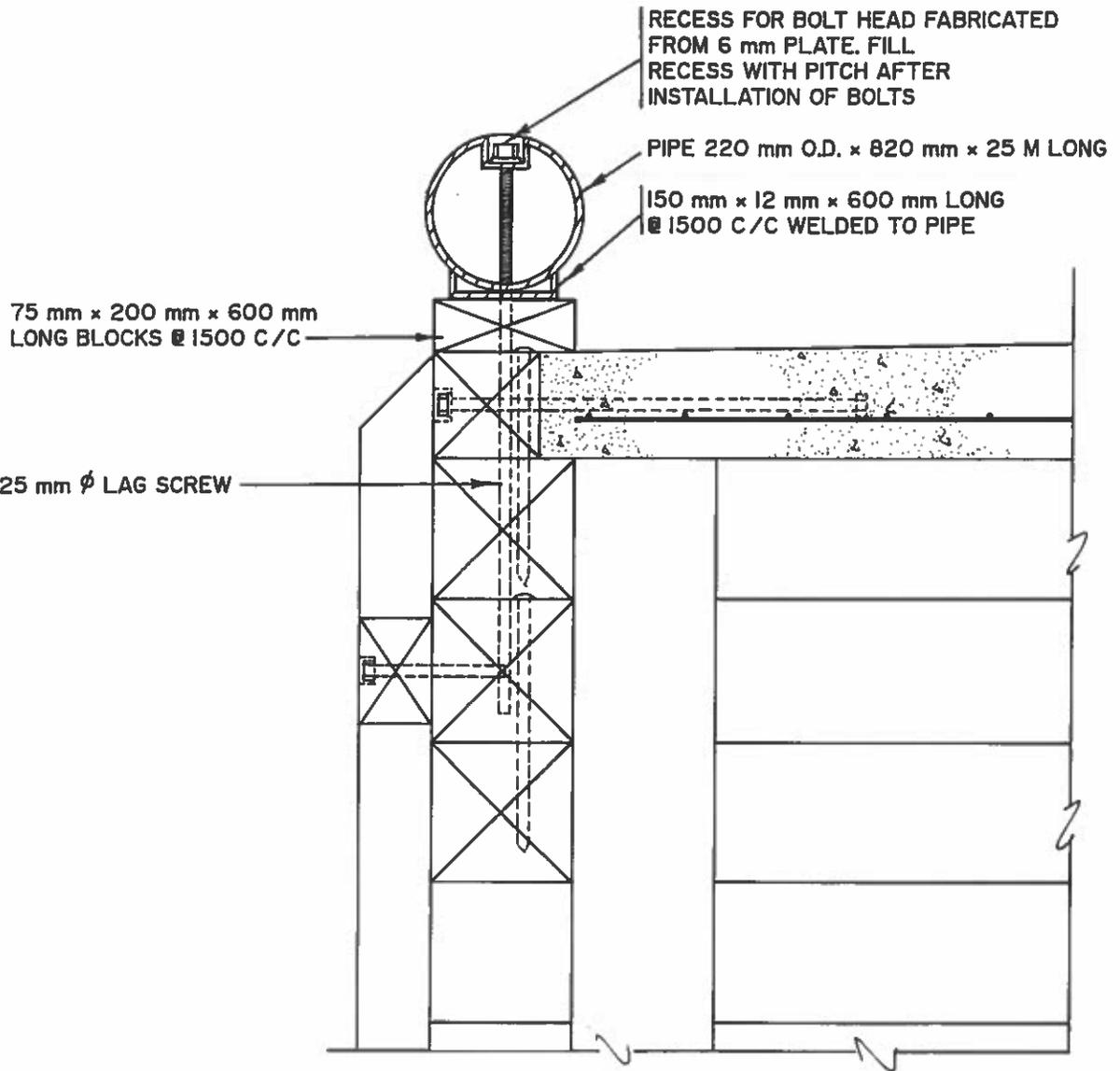
CONCRETE HAULOUT BLOCK

0.15 mm POLYETHYLENE  
 VAPOUR BARRIER



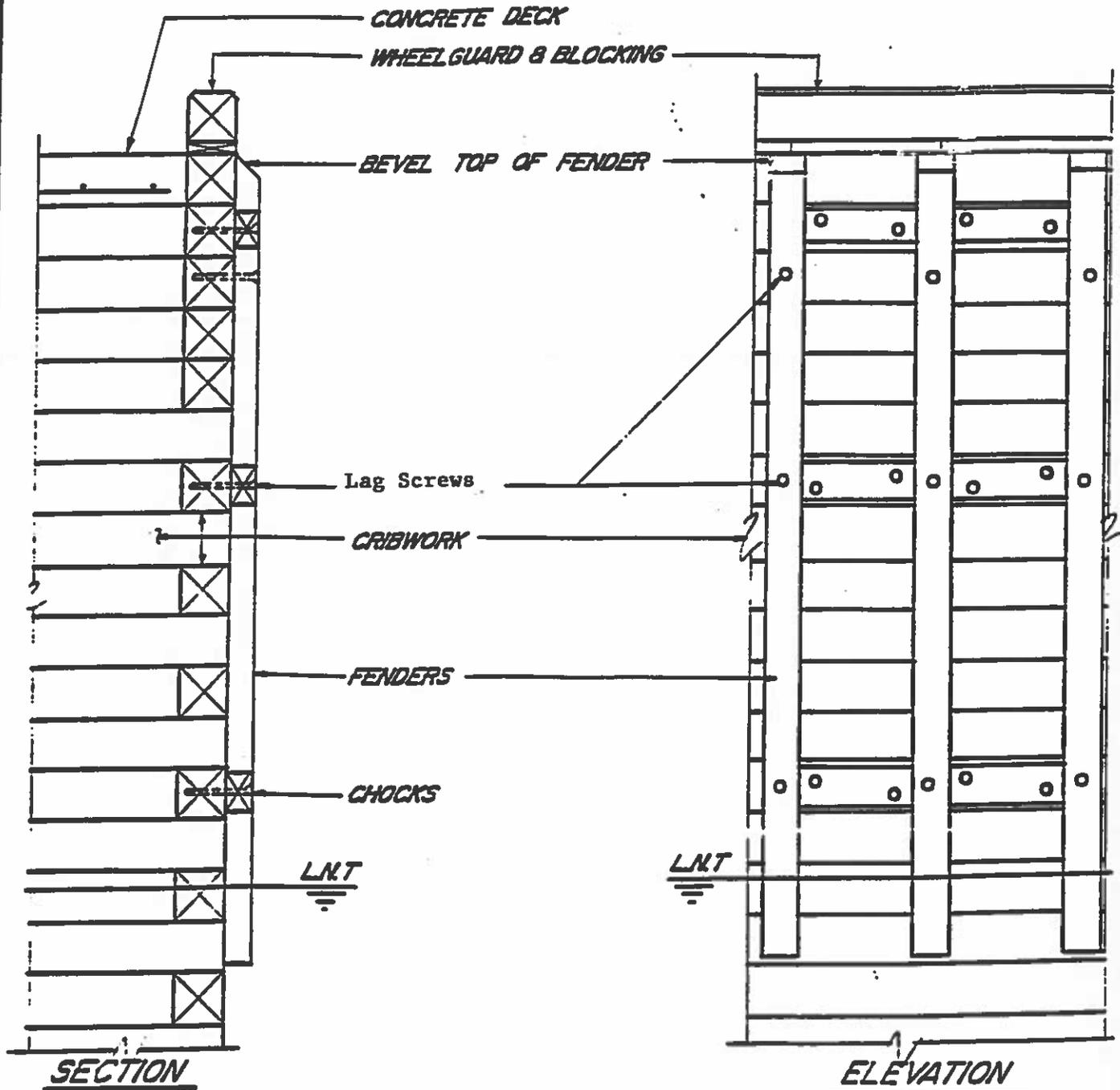
SECTION B - B

	Drawing title: <b>MAIN HAULOUT BLOCK DETAIL</b> Titre du dessin:	designed by: <b>K. DIDHAM</b> date conçu par:
	scale: <b>1 : 20</b> échelle:	reviewed by: <i>Keith Didham</i> examiné par:
date: <b>AUGUST 1991</b>	revisions:	approved by: _____ approuvé par:
		project no.: _____ no. du projet:
		dwg. no.: <b>CB - 39</b> dessin no.:



SECTION

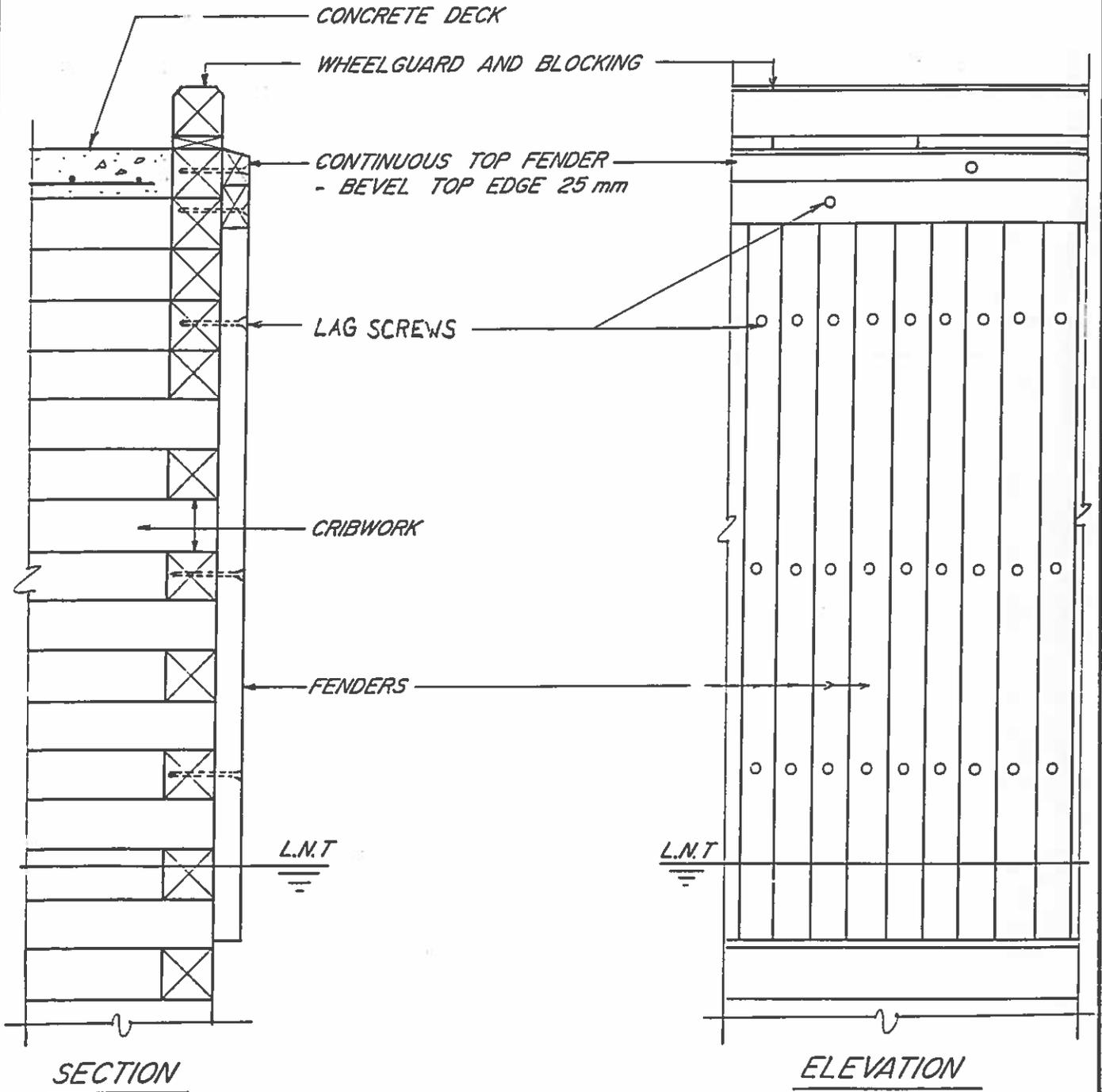
 Public Works Canada Travaux publics Canada	Drawing title: Titre du dessin: <u>PIPE WHEEL GUARD</u> <u>IN EXISTING DECK</u>	designed by: <i>K. DIDHAM</i> date drawn by: dessiné par: <i>A. PETERS</i>
	scale: échelle: <i>1 : 10</i>	reviewed by: examiné par:
date:	revisions:	approved by: approuvé par:
		project no.: no. du projet:
		dwg. no. dessin no. <i>CB - 42</i>



**SECTION**  
**NOTES:**

- 1 ALL DIMENSIONS IN MILLIMETERS
- 2 TIMBER SIZES AS SPECIFIED

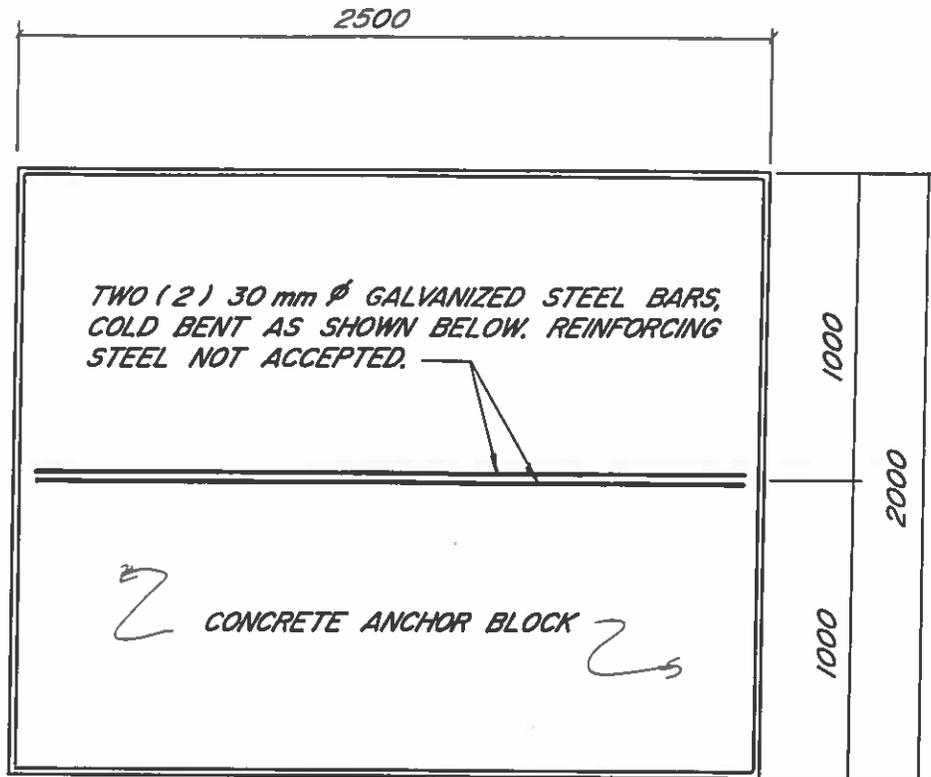
	Drawing title: Titre du dessin:	designed by: <i>KD</i>	date:
	scale: échelle: <i>1:25</i>	drawn by: dessiné par: <i>DB</i>	reviewed by: examiné par: <i>Kevin Bidham</i>
Public Works Canada Travaux publics Canada	date: <i>SEPTEMBER 1992</i>	approved by: approuvé par:	project no.: no. du projet:
<b>DETAIL - FENDERS</b> <b>AND CHOCKS</b>	revisions:	draw. no. dessin no.: <i>CB - 46</i>	



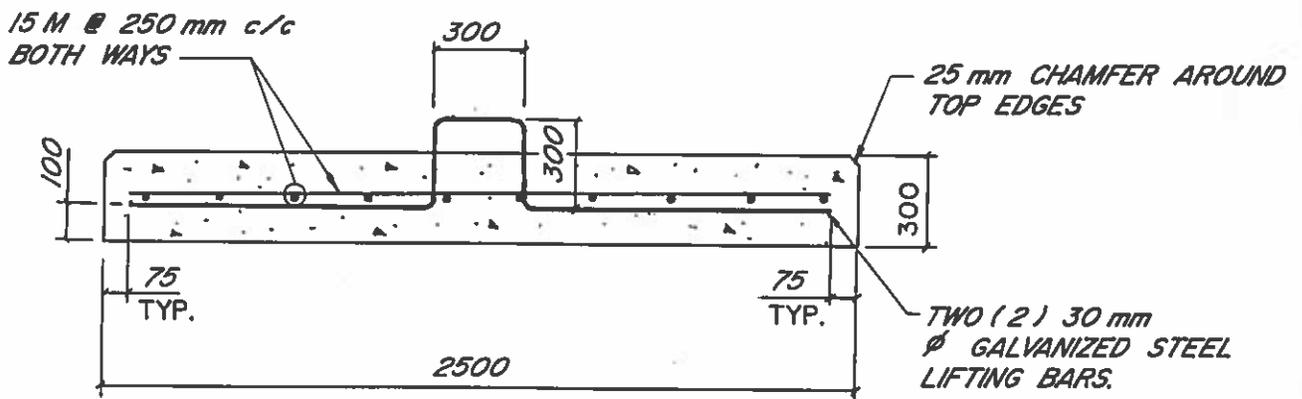
NOTES:

1. ALL DIMENSIONS IN MILLIMETERS
2. TIMBER SIZES AS SPECIFIED

 Public Works Canada Travaux publics Canada	Drawing title: Titre du dessin:		designed by conçu par: <i>KD</i>	date
	scale: échelle: <i>1:25</i>		drawn by dessiné par: <i>DB</i>	
date: <i>SEPTEMBER 1992</i>		revisions	reviewed by: examine par: <i>Kiich Diehans</i>	
<u>DETAIL -</u> <u>HORIZONTAL FENDERS</u>			approved by: approuvé par:	
			project no.: no. du projet:	dwg. no. dessin no. <i>CB - 47</i>



PLAN



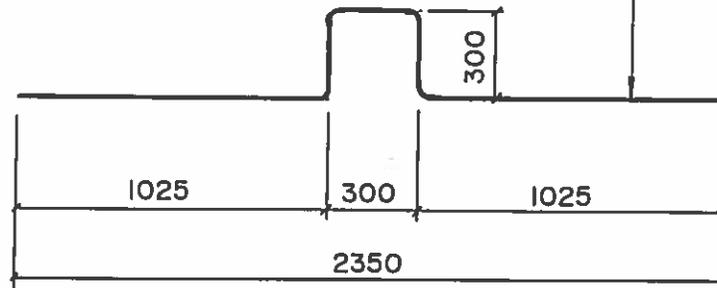
SECTION

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS.

	Public Works Canada Travaux publics Canada	Drawing title: Titre du dessin: <b>ANCHOR BLOCK DETAIL</b>	designed by: conçu par: <b>K. DIDHAM</b> date
		scale: échelle: <b>1:2.5</b>	drawn by: dessiné par: <b>D. BURSEY</b>
<u>FLOATING WHARF ACCESSORIES</u>		date: <b>NOVEMBER 1992</b>	reviewed by: examiné par: <i>Keith Didham</i>
		revisions	approved by: approuvé par:
		project no.: no. du projet:	dwg no. dessin no.: <b>CB - 53</b>

30 mm  $\phi$  COLD BENT ROUND STEEL BAR  
( GALVANIZED )

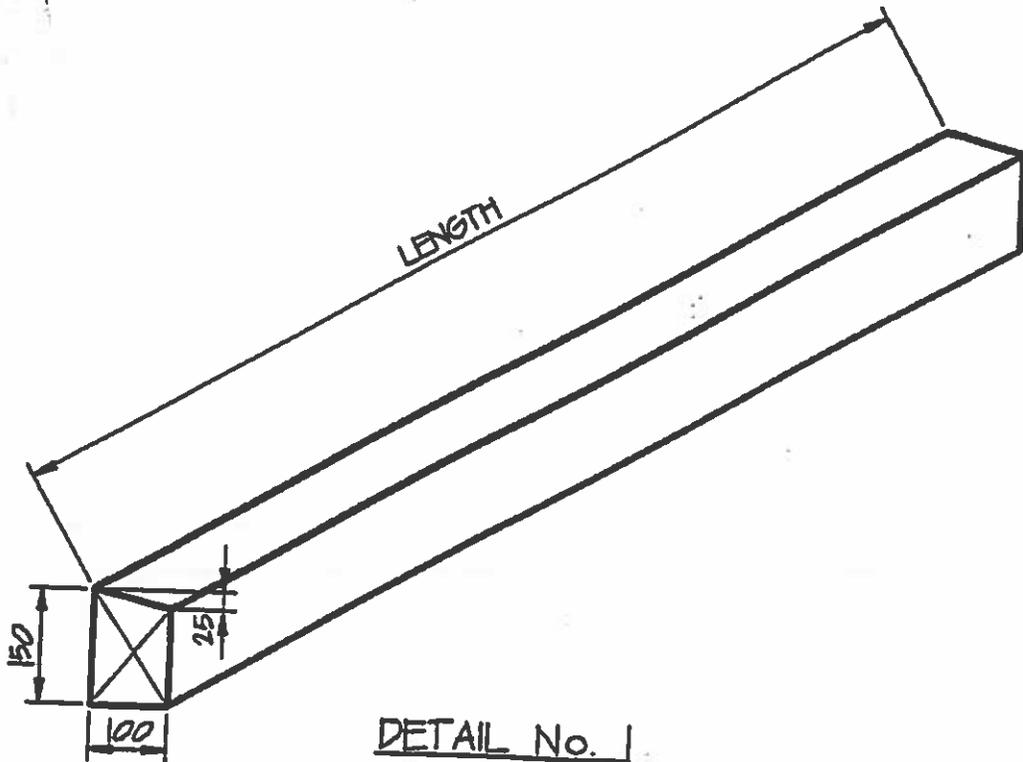


ANCHOR BLOCK LIFTING BAR

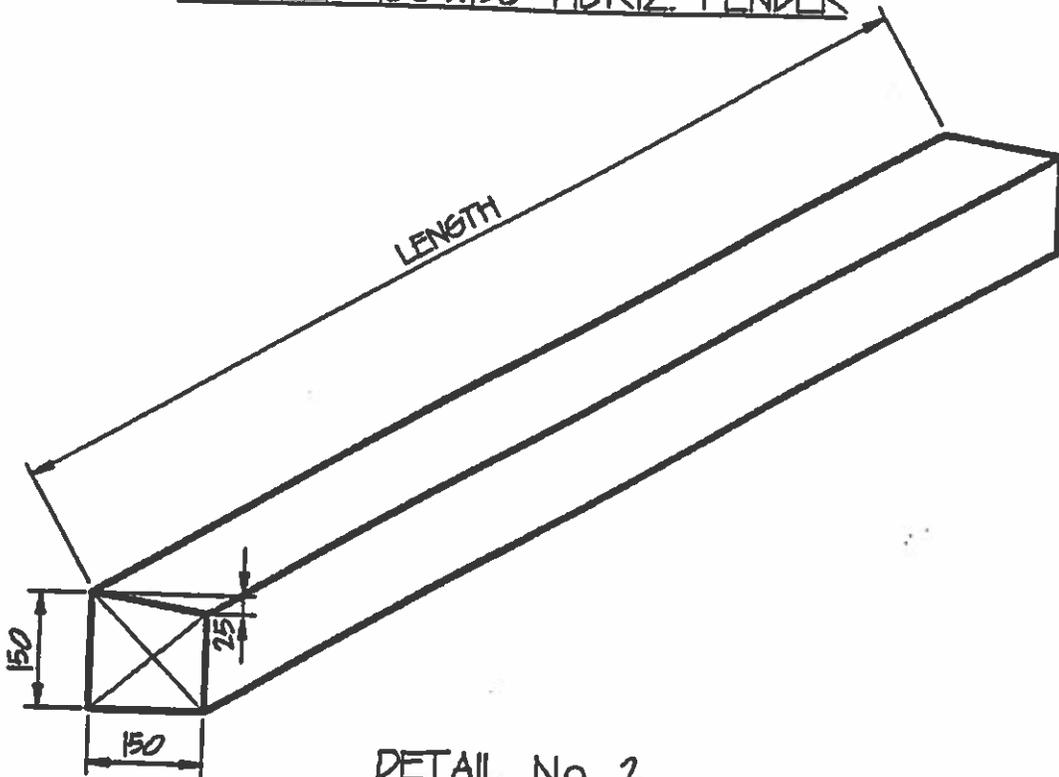
NOTES:

1 ALL DIMENSIONS IN MILLIMETERS.

 Public Works Canada    Travaux publics Canada	Drawing title: Titre du dessin:	designed by: conçu par: <i>K. DIDHAM</i> date
	scale: échelle: <i>1:2.5</i>	drawn by: dessiné par: <i>D. BURSEY</i>
<u>FLOATING WHARF ACCESSORIES</u>	date: <i>NOVEMBER 1992</i> revisions:	reviewed by: examiné par: <i>Keith Bidham</i>
		approved by: approuvé par:
		project no.: no. du projet:
		dwg. no. dessin no. <i>CB - 54</i>

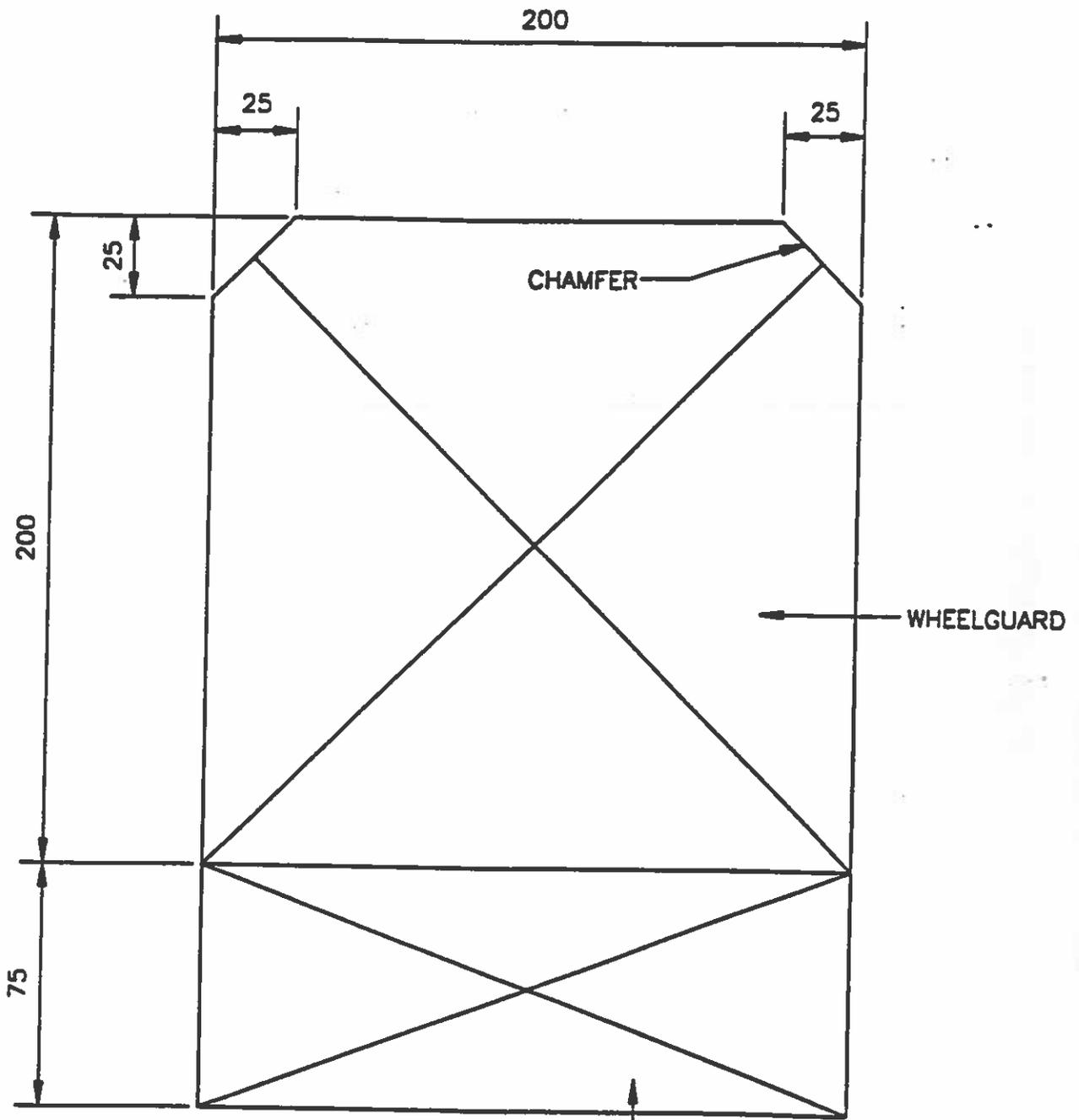


DETAIL No. 1  
BEVELED 100x150 HORIZ. FENDER



DETAIL No. 2  
BEVELED 150x150 HORIZ. FENDER

 Public Works and Government Services Canada Travaux publics et Services gouvernementaux Canada	Drawing title Titre du dessin <u>ISOMETRICS</u>	designed by conçu par:	date:
	scale: échelle: <u>1:10</u>	drawn by dessiné par: <u>DB</u>	reviewed by examiné par:
<u>TYPICAL HORIZONTAL FENDER DETAIL</u>	date: <u>AUG 1994</u>	approved by approuvé par:	project no. no. du projet:
	revisions:	approved by approuvé par:	desig. no. dessin no.: <u>CD-60</u>



**SECTION**

75x200x600mm lg.  
BLOCKING @ 1500mm C.C.

 Public Works and Government Services Canada	Travaux publics et Services gouvernementaux Canada		
		PW/GSC OCT. 94 D. SUHL OCT. 94	
		WHEELGUARD DETAIL	
		NL-20	