

Technical drawing of a mechanical part, likely a propeller or a similar aerodynamic component, showing dimensions and section lines.

Dimensions:

- Overall length: 1070
- Overall width: 350
- Section line distance (left): 105 (repeated 10 times)
- Section line distance (right): 105 (repeated 10 times)
- Section line distance (center): 11, 5, 5, 50, 50, 80, 80, 140, 140, 320
- Section line distance (bottom): 580, 360, 140, 140, 320
- Section line distance (top): 25, 8, 8, 80, 80, 140, 140, 320

Section Lines:

- Section line A-A (left side)
- Section line B-B (right side)
- Section line C-C (center)
- Section line D-D (bottom)
- Section line E-E (top)

Other Features:

- Radius R15 at the top left corner.
- Radius R15 at the bottom left corner.
- Radius R15 at the top right corner.
- Radius R15 at the bottom right corner.
- Radius R15 at the center.
- Radius R15 at the top center.
- Radius R15 at the bottom center.
- Radius R15 at the top right center.
- Radius R15 at the bottom right center.
- Radius R15 at the top left center.
- Radius R15 at the bottom left center.

30
25
20
Ø35
M8
TO BE WATERTIGHT WELDED

DETAIL B
Scale 1:1

Technical drawing showing a cross-section of a T-junction detail. The drawing includes dimensions: 2, 45°, 2, 5, 6, and a slope of 8%±2.5. The structure is hatched with red diagonal lines.

Scale 1:1

Ø248

SEE ALSO WELDING INSTRUCTION

2

5

8

17

45°

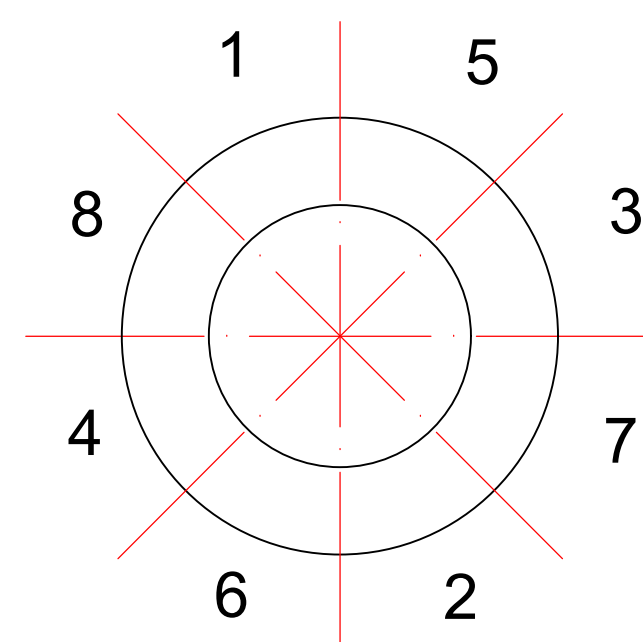
The drawing shows a cross-section of a mechanical component. A central vertical section is hatched with diagonal lines. To the left, a flange or base is shown with a diameter of 248 mm. A weld is indicated by a symbol consisting of a triangle and the number 45°. Dimensions are given for various parts: 2 mm for a small gap, 5 mm for a larger gap, 8 mm for a vertical distance, and 17 mm for a horizontal distance. A red arrow points to the weld symbol with the text 'SEE ALSO WELDING INSTRUCTION'.

Technical drawing of a ship's hull structure, showing a longitudinal section of the bottom and side plating. The drawing includes various structural components, reinforcement bars, and welds.

Key features and labels:

- BAKING BAR 50x6**: Reinforcement bars shown at the top and bottom of the structure.
- SEE WELDING INSTRUCTION**: Multiple callouts indicating welding requirements.
- DETAIL A**, **DETAIL B**, **DETAIL C**: Callouts pointing to specific structural details.
- FOR MATERIAL SEE REF. 2 (Sh. 1/2)**: Reference to material specifications.
- 1300 ABOVE BASE**: Dimension indicating the vertical position of the structure.
- 190"**: Dimension indicating the height of the structure.
- 25x8**: Dimension of a structural component on the left.
- SEE DETAIL C**: Multiple callouts pointing to specific structural details.
- 5-**: Dimension indicating a small gap or offset.




1. Fairing to be welded according to the sequence given in figure below.
2. Rudder trunk to be preheated up to 50°C before welding.
3. Bearings to be mounted after welding trunk in hull.
(overheating of the bearings will cause damage)



1. Dimensions marked with * are given with excess, correct length to be determined on board.
2. Material: Steel grade A
3. All welds ≥ 3.5 , unless stated otherwise.
4. Remove sharp edges.
5. To be made 2X per yard number.
6. Weight = ± 15 kg (incl. excess).

ORD	1/2 WIDTH INSIDE PLATING
0	0
0.125	38.7
0.25	53.4
0.5	72.6
0.75	85.7
1	95.6
1.5	109.1
2	117.1
2.5	121.3
3	122.5
4	118.4
5	108
6	93.1
7	74.8
8	53.5
9	29.6
9.5	16.5
10	2.6

CONSTABLE CARRIÈRE

AF	APR/13/13	AS-FITTED	D.A.	D.A.	B.Audler
Rev	Date	Description	Perform	Check	Appr.
Client: CANADIAN COAST GUARD			Title: RUDDERS CONSTRUCTION PLAN		
 international contract engineering			MID-SHORE PATROL VESSEL Scale: 1:2.5 Size: A1 Project No: 6097 Drawn by: I.Epure Checked by: N.Saghin Dwg. date: 10/07/2011 Draw.no: AF6097-10000-11 Rev. AF		
 IRVING SHIPBUILDING INC. P.O. Box 9110, 3099 Barrington Street, Halifax NS, Canada B3K 5M7, Tel: 902.423.9271, Fax: 902.429.4510			© IRVING SHIPBUILDING INC.		
Contract No. F7045-060001/002/NQ		Proj. 	Sheet: 2 of 2		

THE GOVERNMENT OF CANADA HAS A LICENCE FOR THIS DRAWING UNDER CONTRACT NO F7045-060001/002NQ. THE INFORMATION AND DATA CONTAINED HEREIN ARE PROPRIETARY TO IRVING SHIPBUILDING INC. AND ARE NOT TO BE USED, COPIED, REPRODUCED, DUPLICATED OR DISCLOSED TO OTHERS, IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN CONSENT OF IRVING SHIPBUILDING INC. ALL RIGHTS RESERVED.