POS. No.	DESCRIPTION	TYPE	LOCATION "X" POS	LOCATION "Y" POS	LOCATION "Z" POS	REFFERENCE No.	MOUNTING DETAIL	WEIGHT (Kg)
1	Aluminium Disc Anode	MME 28AB	FR36-248	574	1547	6330_1_005_019	SEE DET. H	2.9
2	Aluminium Disc Anode	MME 28AB	FR36-248	-574	1547	6330_1_005_020	SEE DET. H	2.9
3	Aluminium Disc Anode	MME 28AB	FR31+502	988	1177	6330_1_005_017	SEE DET. H	2.9
4	Aluminium Disc Anode	MME 28AB	FR31+502	-988	1177	6330_1_005_018	SEE DET. H	2.9
5	Aluminium Disc Anode	MME 28AB	FR27+500	757	545	6330_1_005_015	SEE DET. H	2.9
6	Aluminium Disc Anode	MME 28AB	FR27+500	-757	545	6330_1_005_016	SEE DET. H	2.9
7	Aluminium Disc Anode	MME 28AB	FR22+500	1288	643	6330_1_005_013	SEE DET. H	2.9
8	Aluminium Disc Anode	MME 28AB	FR22+500	-1288	643	6330_1_005_014	SEE DET. H	2.9
9	Aluminium Disc Anode	MME 28AB	FR18+500	1276	562	6330_1_005_011	SEE DET. H	2.9
10	Aluminium Disc Anode	MME 28AB	FR18+500	-1276	562	6330_1_005_012	SEE DET. H	2.9
11	Aluminium Disc Anode	MME 28AB	FR13+249	1316	672	6330_1_005_009	SEE DET. H	2.9
12	Aluminium Disc Anode	MME 28AB	FR13+249	-1316	672	6330_1_005_010	SEE DET. H	2.9
13	Aluminium Disc Anode	MME 28AB	FR10+249	1734	936	6330_1_005_007	SEE DET. H	2.9
14	Aluminium Disc Anode	MME 28AB	FR10+249	-1734	936	6330_1_005_008	SEE DET. H	2.9
15	Aluminium Disc Anode	MME 28AB	FR3+500	650	1068	6330_1_005_001	SEE DET. H	2.9
16	Aluminium Disc Anode	MME 28AB	FR3+500	-650	1068	6330_1_005_002	SEE DET. H	2.9
17	Aluminium Disc Anode	MME 28AB	FR1+500	340	1120	6330_1_005_003	SEE DET. H	2.9
18	Aluminium Disc Anode	MME 28AB	FR1+500	-340	1120	6330_1_005_004	SEE DET. H	2.9
19	Aluminium Disc Anode	MME 28AB	FR1+500	2495	1300	6330_1_005_005	SEE DET. H	2.9
20	Aluminium Disc Anode	MME 28AB	FR1+500	-2495	1300	6330_1_005_006	SEE DET. H	2.9
21	Aluminium Hull Anode	MME 26AA	FR16+255	10	375	6330_1_001_001	SEE DET. G	3.2
22	Aluminium Hull Anode	MME 26AA	FR17-245	-1978	1080	6330_1_002_001	SEE DET. G	3.2
23	Aluminium Hull Anode	MME 26AA	FR32-254	12	790	6330_1_003_001	SEE DET. G	3.2
24	Aluminium Hull Anode	MME 26AA	FR33+400	-562	1325	6330_1_004_001	SEE DET. G	3.2
25	Aluminium Hull Anode	MME 26AA	FR34-400	-562	1325	6330_1_004_002	SEE DET. G	3.2
26	Aluminium Hull Anode	MME 26AA	FR34-400	562	1325	6330_1_004_003	SEE DET. G	3.2
27	Aluminium Hull Anode	MME 26AA	FR33+400	562	1325	6330_1_004_004	SEE DET. G	3.2

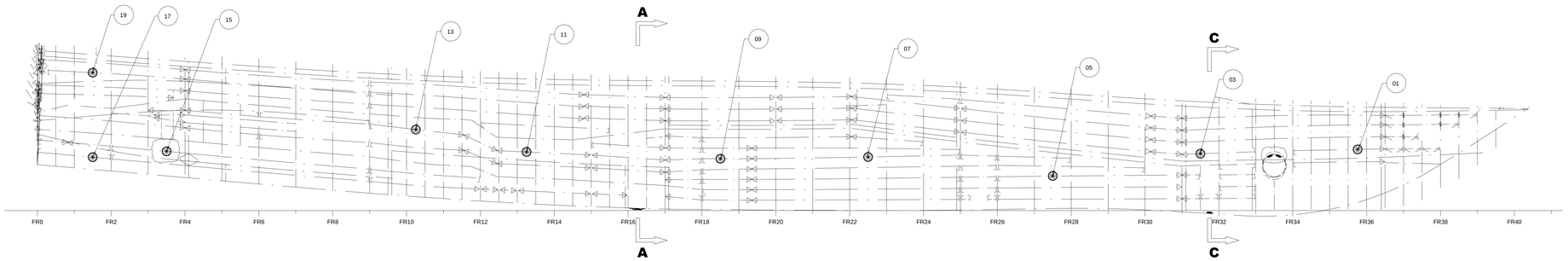
TOTAL WEIGHT 80.4 Kg

MISC. FITTINGS LIST

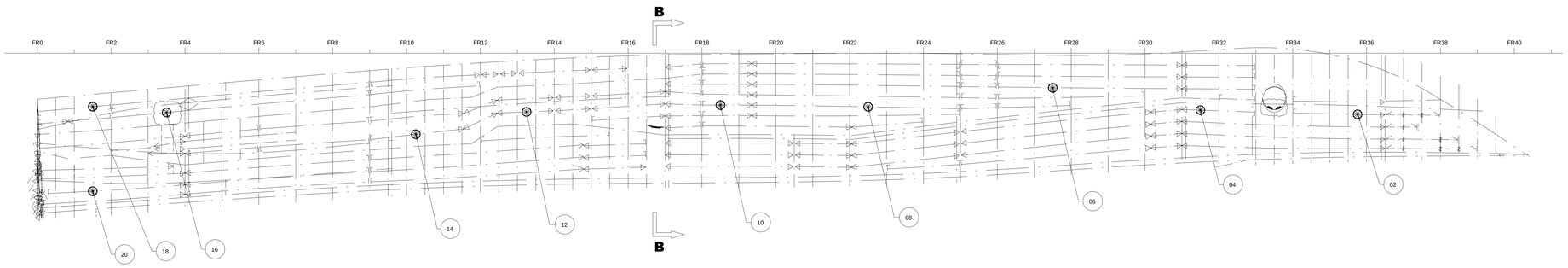
ITEM	DESCRIPTION	MATERIAL / GRADE	QUANTITY	WEIGHT [KG] (TOTAL)
A1	PLATE D236mm - 5THK	STEEL GR A	20 pcs	34.34
A2	ROLLED FLAT BAR 30X10 X 742mm	STEEL GR A	20 pcs	34.95
A3	ROUND BAR D40mm X 50mm	STEEL GR A	20 pcs	9.87
A4	SCREW M16 X 40 DIN 933	ST. STEEL A4	20 pcs	2.00
G1	PLATE D100mm - 6THK	STEEL GR A	14 pcs	5.18

TOTAL WEIGHT: 86.34 Kg

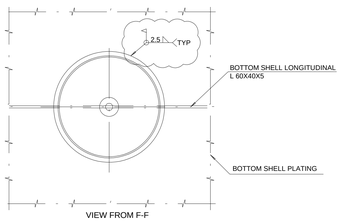
TOTAL WEIGHT: 80.40 Kg + 86.34 Kg = 166.74 Kg



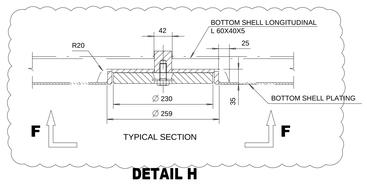
BOTTOM SHELL EXPANSION
PORT SIDE
SCALE 1:50



BOTTOM SHELL EXPANSION
STARBOARD SIDE
SCALE 1:50

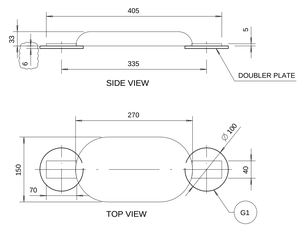


VIEW FROM F-F

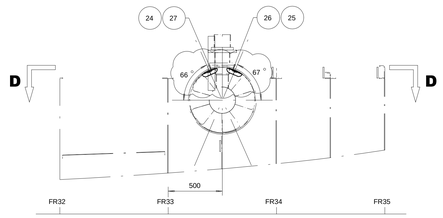


TYPICAL SECTION

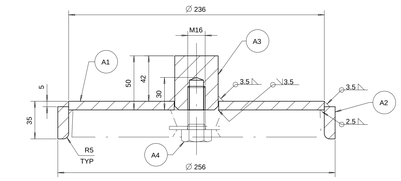
DETAIL H
TYPICAL DISC ANODE
SCALE 1:5



DETAIL G
TYPICAL HULL ANODE
SCALE 1:5



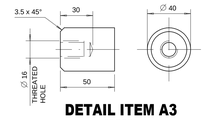
ELEVATION LOOKING TO PORT
STARBOARD ANODES SIMILAR BUT TO OPPOSITE HAND



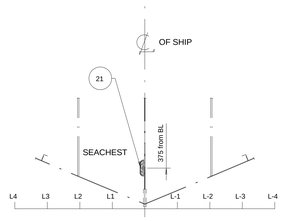
DETAIL FOR HULL ANODE ASSEMBLY
TYPICAL DETAIL
SCALE 1:2

DETAIL ITEM A1
20 PCS
SCALE 1:5

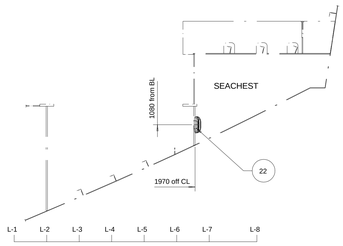
DETAIL ITEM A2
20 PCS
SCALE 1:5



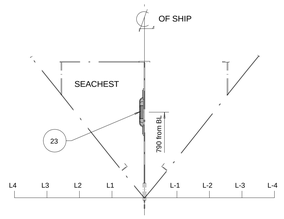
DETAIL ITEM A3
20 PCS
SCALE 1:2



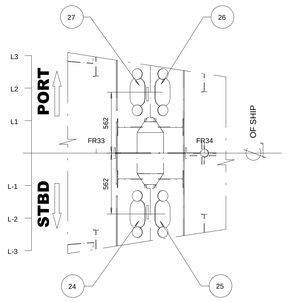
SECTION A-A
SECTION AT FR16+250
LOOKING FORWARD



SECTION B-B
SECTION AT FR17-250
LOOKING FORWARD



SECTION C-C
SECTION AT FR32-250
LOOKING FORWARD



PLAN VIEW ON D-D
LOOKING BOTTOM

NOTES :

1) ALL WELDING TO BE 2.5mm THROAT CONTINUOUS FILLET UNLESS OTHERWISE STATED AND GENERALLY IN ACCORDANCE WITH DRG No. 6094-10000-12
2) TYPICAL SHIPS DATA: FRAME SPACING 1000mm, TRANSVERSE SPACING: L0 TO L7: 300mm
   L7 TO L8: 440mm
3) ALUMINIUM HULL ANODES (MME26AA) WITH ALUMINIUM INSERT ANODES TO BE WELDED ON DOUBLER PLATES T=6mm thk.
4) SUPPLIER FOR ALUMINIUM ANODES - RUSSEL METALS Inc.

REFERENCE DRAWINGS:

1. 6094-63300-01 - Scheme of cathodic protection

Rev.	Date	Description	Perform	Check	Appr.
1	16/12/2010	UPDATED ACC TO ISI COMENTS FROM 10/12/2010	A.Popa	G.Nastase	M.Mocanu
0	15/11/2010	ISSUE FOR CONSTRUCTION	A.Popa	G.Nastase	M.Mocanu
A	22/10/2010	ISSUE FOR COMMENTS	A.Popa	G.Nastase	M.Mocanu

Client: CANADIAN COAST GUARD

ICE international contract engineering

IRVING IRVING SHIPBUILDING INC.
P.O. Box 9110, 3099 Barrington Street, Halifax NS, Canada B3K 5M7,
Tel: 902.423.9271, Fax: 902.429.4510

Title: Anodes plan

MID-SHORE PATROL VESSEL

Scale: 1:20 & as marked	Size: A0	Project No. 6094	
Drawn by: A.Popa	Checked by: G.Nastase	Dwg. date: 22/10/2010	
Draw.no: 6094-O-6330-001		Rev. 1	
Contract No. F7045-06001/002/NQ	Proj.	© IRVING SHIPBUILDING INC.	Sheet: 1/1

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Digitally signed by Popa Alexandru
6094-O-6330-001_001.1