

1. EXACT RUNS OF PIPE TO BE DETERMINED AT SHIP TO SUIT BEST POSSIBLE LOCATION.
2. ALL PIPES TO BE ADEQUATELY SUPPORTED.
3. PIPE ENDS SHALL BE REAMED FLUSH WITH BORE OF PIPE AFTER CUTTING, SMOOTHED & CLEANED.
4. ALL PIPING RUNS TO BE ARRANGED FOR EASY REMOVAL. NO PIPE RUNS SHALL EXCEED 3 METERS IN LENGTH BETWEEN FLANGES.
5. BENDS SHALL BE USED IN PIPE SYSTEM WHEREVER PRACTICABLE IN PLACE OF ELBOWS.
6. ALL ELBOWS TO BE LONG RADIUS WHERE POSSIBLE.
7. SYSTEM TO BE MADE UP, THEN REMOVED & GALVANIZED THEN RETURNED TO SHIP FOR FINAL FIT UP.

PIPE — A.S.T.M. A-53 GRADE A CONTINUOUS WELD, SCH 40
FITTINGS — SCH. 40 BUTT WELD, BLACK
FLANGES — 150#, SLIP ON, WELD TYPE A.S.T.M. A-181 GRADE J, BLACK
VALVES — BUTTERFLY BODY — CAST STEEL
DISC — S27 TYPE-316
SEAT — BUNA-N
ORING — BUNA-N
PRESSURE — 150#

ITEM	QTY	UNIT	DESCRIPTION	PRICE	TOTAL
1	1	EA	TRIM - BRONZE	150.00	150.00
2	1	EA	TRIM - SS TYPE 316	150.00	150.00
3	1	EA	CONN - FLANGED	150.00	150.00
4	1	EA	DISC - REGRINDABLE TYPE	150.00	150.00
5	1	EA	CONN - FLANGED	150.00	150.00
6	1	EA	PRESS - 150 K	150.00	150.00

TRIM — SS TYPE 316
BONNET — BOLTED
DISC — REGRINDABLE TYPE
CONN — FLANGED
COUPLER —

STRAINERS

— STEEL BODY,	S.S. TYPE 316 BASKET,	3 TO 1 RATIO, 7.5 HOLES
YOKO COVER,	DEAIN PLUG, ENLARGED	140 # STRAIGHT THRU TYPE

FLOW INDICATOR — SUPPLIED WITH WASTE OIL PUMP.

FLGD. EXPANSION JOINT — GARLOCK/GARFLEX BULLY-MOULDED FLOWING ARCH SERIES 50 WITH SAUTOBELLE ASTOR

DETAIL I

SCALE = 1:2

DETAIL II

SCALE = 1:2

Technical drawing of a shell and pipe assembly. The drawing shows a cross-section of a shell with a 20" SCH 40 pipe passing through it. The pipe is secured with a 3/4" nut and washer. The shell has a thickness of 9/16". The drawing also shows a 32" SCH 40 pipe connected to a 55" to 32" concentric reducer, which is then connected to the shell. The shell has a thickness of 9/16". The drawing is labeled with dimensions and part names.

DETAIL - 9
SCALE = 1" = 1'-0"

100

100

5K

1

Please Note

<input type="checkbox"/>	PRELIMINARY
<input checked="" type="checkbox"/>	APP'D FOR PRODUCTION

PRINCIPAL PARTICULARS	
LENGTH O A	24.50 M
LENGTH B P	22.00 M
BEAM MLD	7.50 M
DEPTH TO MN DECK	3.60 M
DRAGHT (SCANTLING)	2.60 M

C.S.1 - HOME TRADE II (UNRESTRICTED)
- LIFESAVING CLASS X
- FIRE PROTECTION CLASS H

A.B.S - RULES FOR BUILDING AND CLASSING
STEEL VESSELS UNDER 61 METER

REFERENCE DRAWINGS		
ITEM	DRG. No.	TITLE

REVISED TO AS FIFTED CONDITIONS 8-10-86				
Page No.	Revisions			Date
Appr. Appr.	CGG	GSN	PAB	DATE
Date	24-2-86	19-2-86	11-3-86	
CONTRACTOR: GEORGETOWN SHIPYARD INC. GEORGETOWN, P.F.				

	Canadian	Garde côtière
	Coast Guard	Garde côtière canadienne

TYPE 200 ICE STRENGTHENED SEARCH
8 RESCUE VESSEL

**BILGE AND BALLAST
ARRANGEMENT & DETAILS
(AS FITTED)**

Date: 5-2-86	Scale: E	Notes: AS NOTED	Rev:
Contractor Dig. No. 4047-300-2			SHEET 2 OF 2