

**Re-engineering of a Stainless-steel Fire Boom for Use in Conjunction
with Conventional Fire Booms**

Engineering Drawings

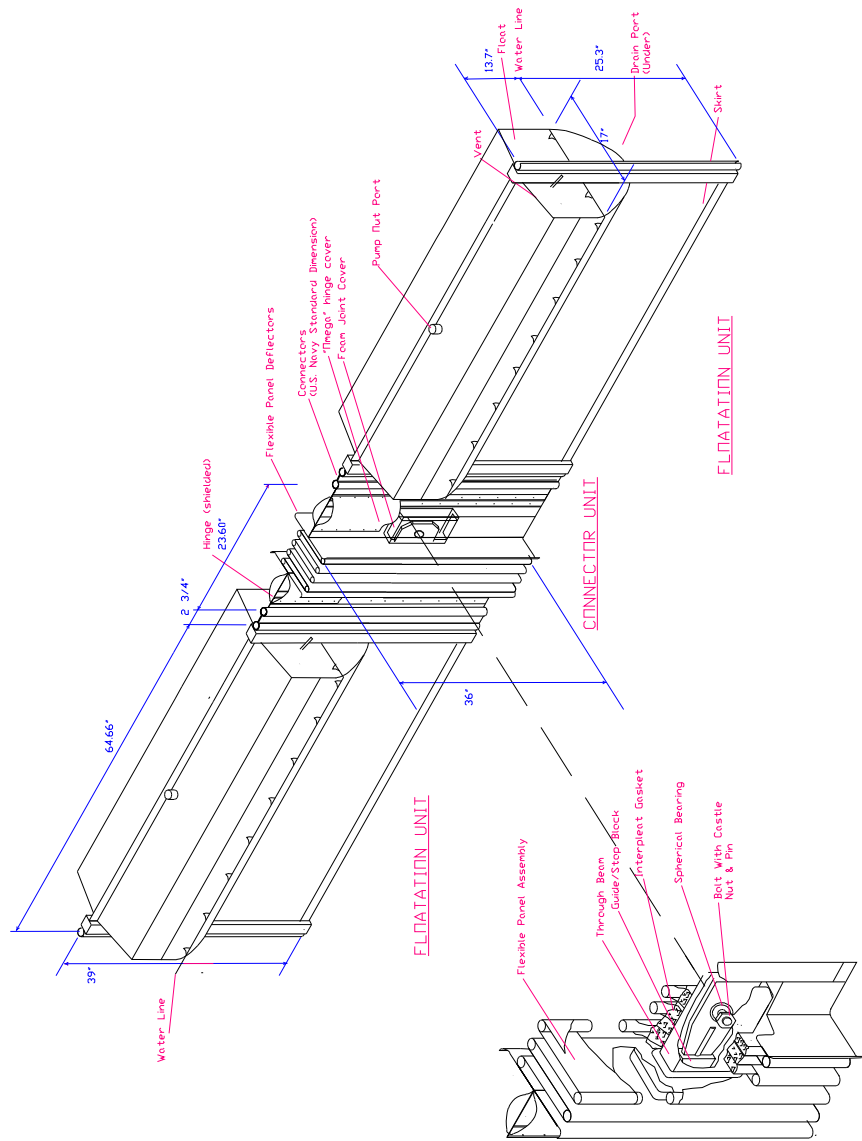
Prepared for

**U.S. Department of the Interior, Minerals Management Service
Engineering and Research Branch
381 Elden Street, MS4021
Herndon, VA 20170-4817**

Prepared by

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200-717 Belfast Road
Ottawa, ON K1G 0Z4**

November 30, 1999



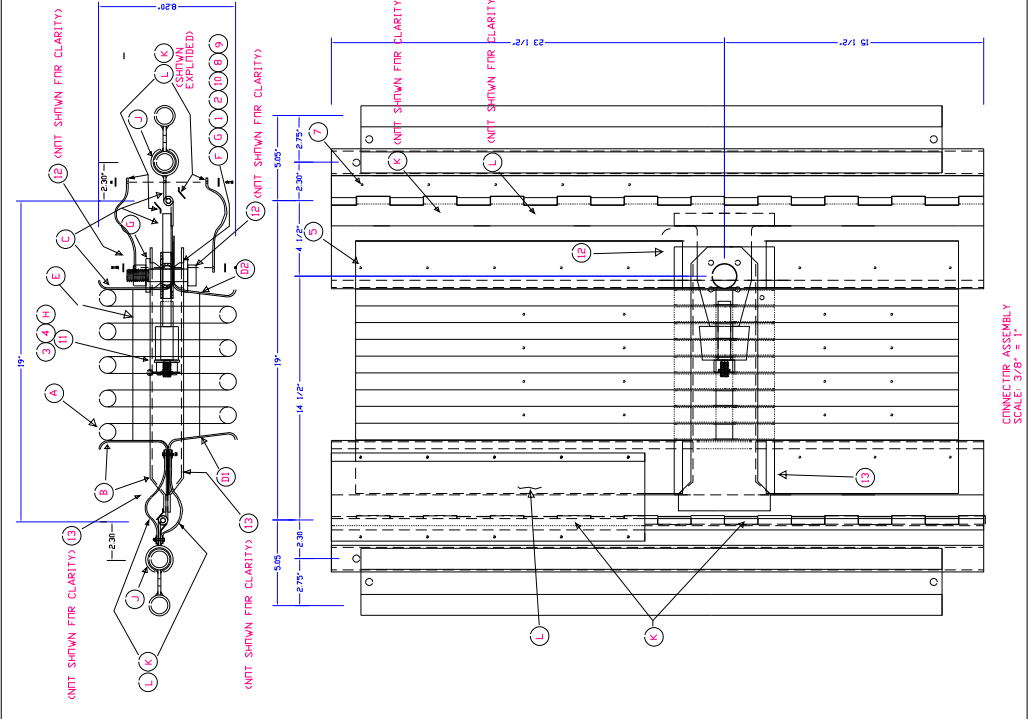
CUTAWAY VIEW - CONNECTOR JOINT

PURCHASE	FIREPROOF PICKET BOMM
DESCRIPTION	GENERAL ARRANGEMENT SL Ross Environmental Research Ltd 200-117 BELCAST RD, PITMAN, NJ TELEPHONE 609-866-1044
DATE	99-04-29
DRAWN BY	N SCALE
CHECKED BY	JDM
REV.	A
REV.	FB-98-GEN-07 A

For E:\ENVR\GARD\genarr\history\98GENA-07.dwg



Category	Sub-category	Value
Category 1	Sub-category 1.1	Value 1.1
	Sub-category 1.2	Value 1.2
Category 2	Sub-category 2.1	Value 2.1
	Sub-category 2.2	Value 2.2



PART	QTY	DESCRIPTION
A	1	FLEXIBLE PANEL FPR-98-CEN-02
B	1	THROUGH BEAM FPR-98-CEN-03
C	1	THROUGH BEAM TONGUE FPR-98-CEN-04
D	2	FLEX PANEL REFLECTOR FPR-98-CEN-05
E	9	INTER PLATE GASKET FPR-98-CEN-06
F	2	BEARING RETAINER FPR-98-CEN-07
G	2	TONGUE POSITIONER FPR-98-CEN-08
H	1	GUIDE SHOE FPR-98-CEN-09
J	2	FLEX COIN ENDS FPR-98-CEN-10
K	4	S/S HINGE SHIELD FPR-98-CEN-11
L	4	FABRIC HINGE SHIELD FPR-98-CEN-12
1	1	3/4\" S/S MC BOLT X 3 1/4"
2	1	1/2\" S/S MC CASTLE NUT
3	1	1/2\" S/S MC CASTLE NUT
4	2	1/2\" ID X 1 1/2\" OD X 1/4\" THICK S/S WASHER
5	16	480 X 7 S/S MACHINE SCREWS C/S NUTS AND LOCK WASHERS
6	10	480 X 7 S/S MACHINE SCREWS NUTS & LOCK WASHERS
7	10	480 X 7 S/S MACHINE SCREWS NUTS & LOCK WASHERS
8	1	SEALANT COING BEARING
9	4	1/2\" S/S MC BOLT X 1 1/2\" C/S LOCK NUT
10	1	1/2\" S/S COTTER PIN 1/2\" DIA X 1 1/2"
11	2	CLOSED CELL NYLON FIRM 2 1/2\" THICK X 1/2\" X 1 1/2"
12	2	CLOSED CELL NYLON FIRM 2 1/2\" THICK X 1/2\" X 1 1/2"
13	2	NYLON RESISTANT GLUE (T) SEAL WITH S/S
14	2	NYLON RESISTANT GLUE (T) SEAL WITH S/S
15	2	NYLON RESISTANT GLUE (T) SEAL WITH S/S
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98	2	NYLON RESISTANT GLUE (T) SEAL WITH S/S
99	2	NYLON RESISTANT GLUE (T) SEAL WITH S/S
100	2	NYLON RESISTANT GLUE (T) SEAL WITH S/S

NOTES:
1. FINISH
ALL METAL EDGES TO BE
SMOOTH AND FREE OF
BURRS

Bolt/Tongue Positioner/Bearing Assembly
In Through Beam
Full Scale

Exploded View of
Bolt/Tongue Positioner/Bearing Assembly
Full Scale

PROJECT	FIREPRINT PICKET BITUM
DESCRIPTION	CONNECTOR ASSEMBLY
DESIGNER	SL Ross Environmental Research Ltd
DATE	99-04-28
SCALE	3/8" = 1" & FULL
REV	B
REV	B

REV	DATE	BY	REVISION
B	99-04-28	JDM	FINAL CHECK - INUSE
A	99-03-28	JDM	SCALE 3/8" = 1" & FULL
0	99-03-28	JDM	FROM 3/8" = 1" & FULL

CONNECTOR ASSEMBLY
SCALE 3/8" = 1"



