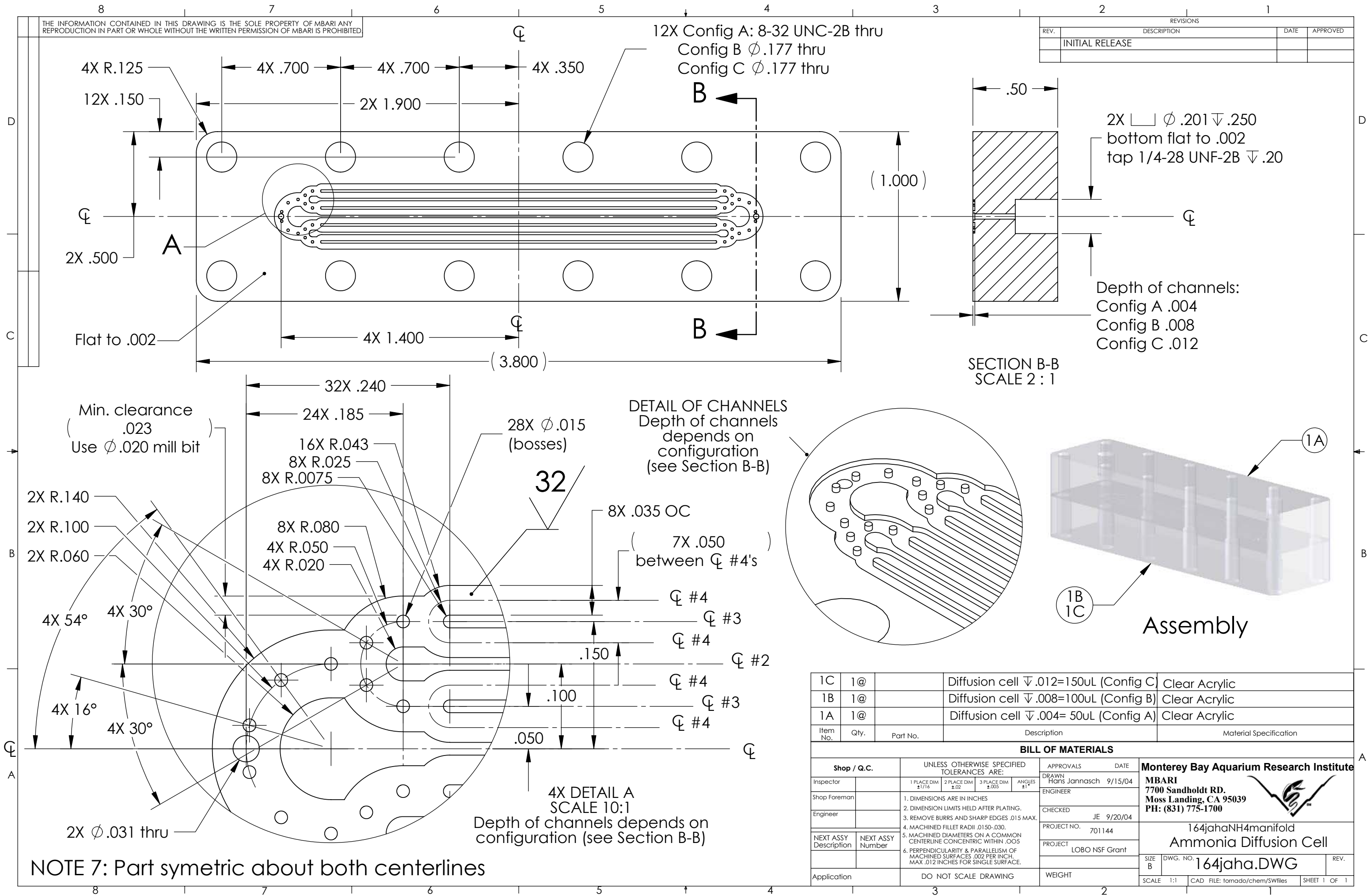




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

12X Config A: 8-32 UNC-2B thru
Config B ϕ .177 thru
Config C ϕ .177 thru

2X $\square$ ϕ .201 ∇ .250
bottom flat to .002
tap 1/4-28 UNF-2B ∇ .20

Depth of channels:
Config A .004
Config B .008
Config C .012

SECTION B-B
SCALE 2 : 1

DETAIL OF CHANNELS
Depth of channels
depends on
configuration
(see Section B-B)

Assembly

1C	1@		Diffusion cell ∇ .012=150uL (Config C)	Clear Acrylic
1B	1@		Diffusion cell ∇ .008=100uL (Config B)	Clear Acrylic
1A	1@		Diffusion cell ∇ .004= 50uL (Config A)	Clear Acrylic
Item No.	Qty.	Part No.	Description	Material Specification

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Jannasch	9/15/04		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700				
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER							
Engineer						CHECKED JE	9/20/04						
NEXT ASSY Description		NEXT ASSY Number		PROJECT NO.		701144		PROJECT		164jahaNH4manifold			
						LOBO NSF Grant				Ammonia Diffusion Cell			
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B		DWG. NO.		REV.	
								SCALE 1:1		CAD FILE: tornado/chem/SWfiles		SHEET 1 OF 1	

NOTE 7: Part symetric about both centerlines