

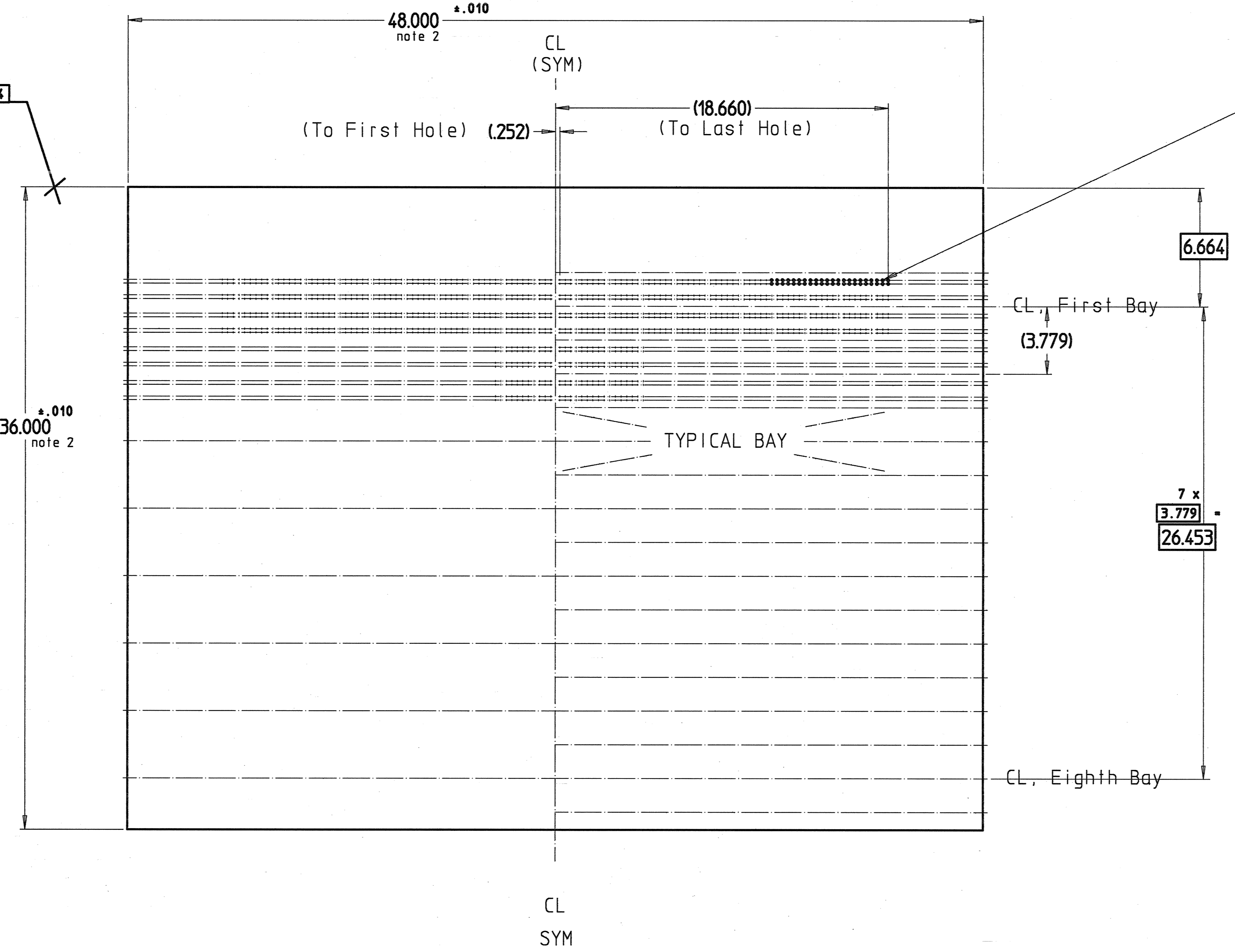
**-C-**  
 $\square$  .001 When uniformly weighted on a surface plate. Vendor is supplying selected stock.

(.067) not to scale

**-A-**  
 $\square$  .004

**-B-**  
 $\square$  48.000  
note 2  
 $\pm .010$

**A**  
 7,680 x  
 $\phi .046^{+.002}_{-.001}$   
 $\phi .006 \text{ @ } \text{A|B|C}$   
 120 Holes (60 pair) \ Row x 4 Rows \ Bay  
 x 8 Bays \ Side x 2 Sides = 7680 Holes  
 See BAY DETAIL for hole locations.

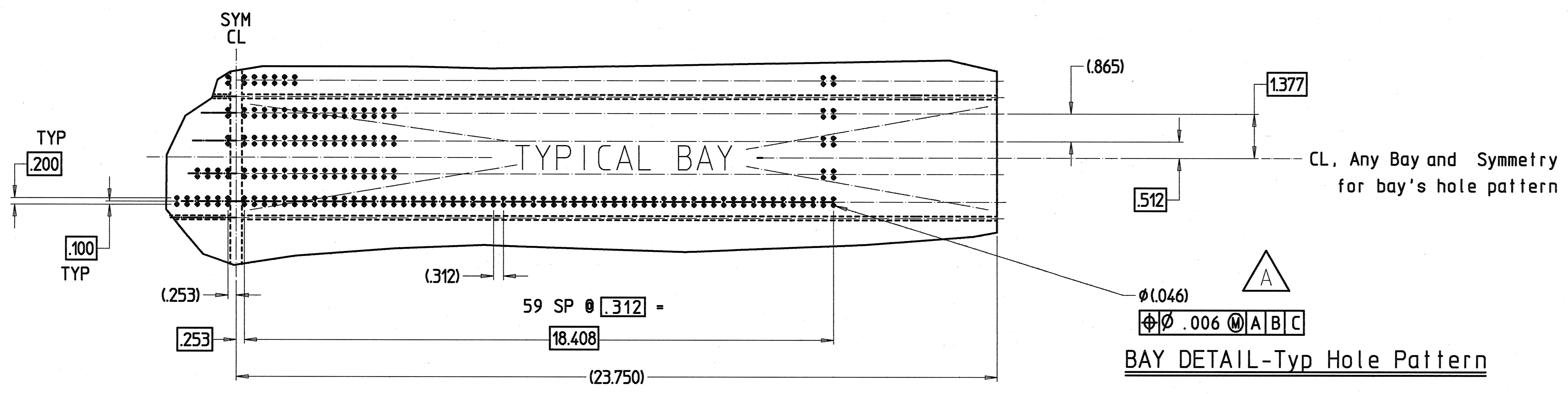


NOTE:  
 NO TRICHLOROETHANE, OR OTHER HALOGEN BEARING SOLVENTS CAN BE USED TO CLEAN THIS PART. ALCOHOL, OR MODERATE AMOUNTS OF ACETONE, ARE O.K.

NOTES

- Two boards required \ Pad Plane
  - See 22N4156 for finished outline dimensions. Final trimming can be done only after plating and etching processes are complete. See 22N4176 (Pad Plane and Ground Plane Assembly), also.
  - Material: .062 nom. thk NEMA G-10 + 2 Oz copper plate, ea side (= .067 total)
- Material MUST be NEMA G-10. It cannot be FR-4, or other material containing fire retardants.

10-12-90  
 22N4616



**BAY DETAIL-Typ Hole Pattern**

REV		DWG	CHK	ZONE	DATE	CHANGES	UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		LAWRENCE BERKELEY LABORATORY	
B	WH				10-12-90	Drawing modified fit new process requirements.	QTY	FRAC.	ACCT. NO.	SERIAL NO.	UNIVERSITY OF CALIFORNIA-BERKELEY	
A	WH				7-14-90	Was .106, Now .046	ANGLES	±	DATE RECD.	DATE RECD.	NUCLEAR SCIENCE	
							DELIVER TO	FINISH	✓	TAG	HISS-TPC	
							THREADS ARE CLASS 2	DEGREASE			PPSS-RAW G-10 + 7680 Holes	
							CHAMFER ENDS OF ALL SCREW THREADS 30°	TAG			PATENT CLEAR	DWG. TYPE
							CUT 1.5 PITCH THIRD RELIEF WITH ROUND NSE 100%				DWG. NO.	SCALE
							ON MACHINE CUT THREAS.				22N4156	1:4
							BREAK EDGES .016 MAX. ON MACHINED WORK				22N4156	1:4
							REMOVE BURRS WELD SPATTER & LOOSE SCALE				224805	1:4
							REFERENCES: ANSI Y14.5 & B46.1.				224805	1:4
											22N4616	1:4