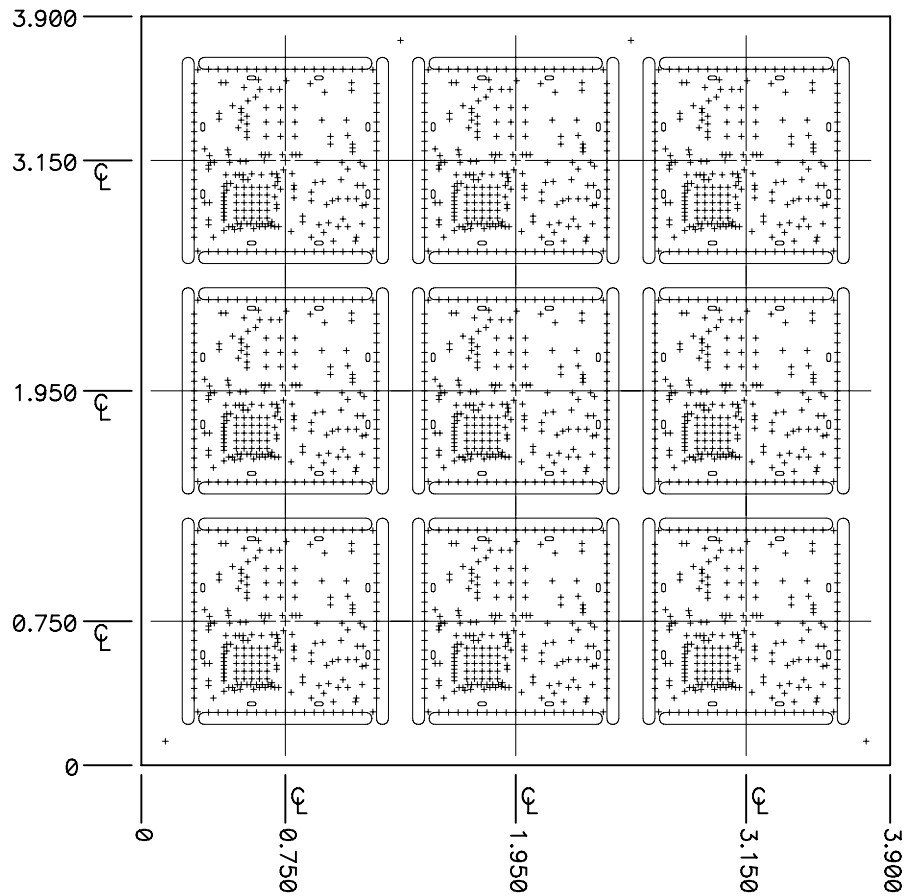
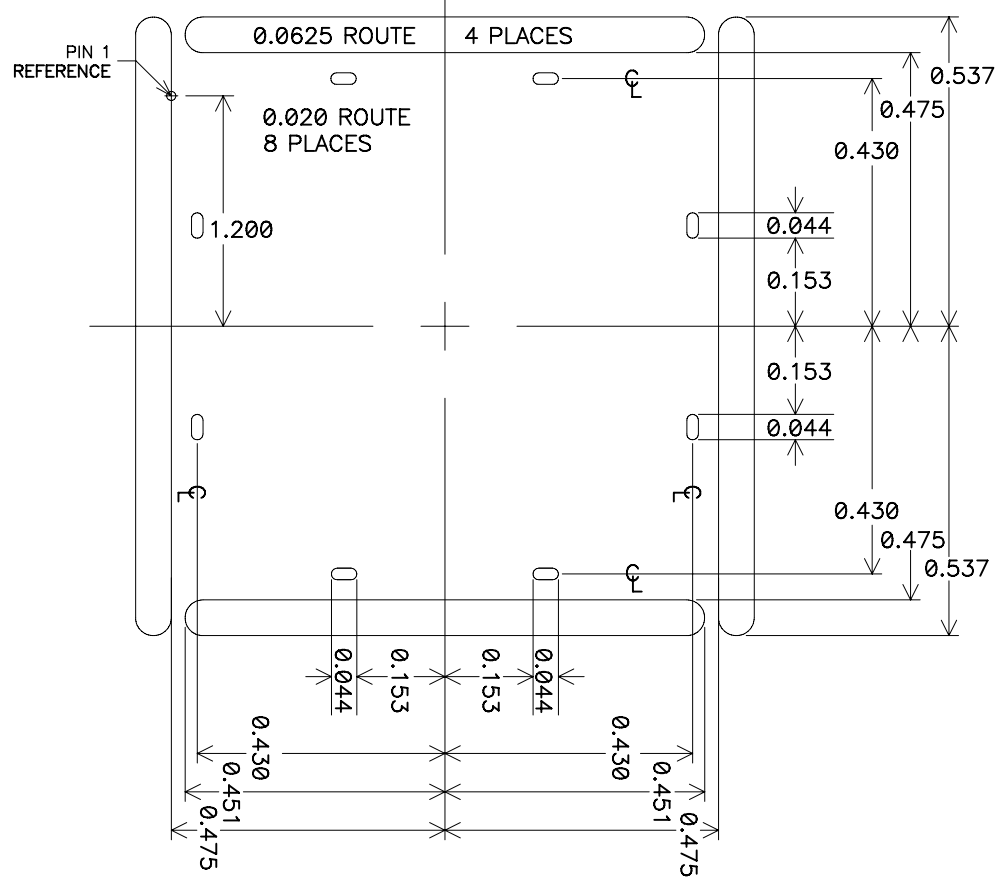


EPIC-CORE 03-28-2007 REV.A

3X DETAIL OF PATTERN ROUTES
PATTERN IS SYMETRIC ABOUT X AND Y AXIS

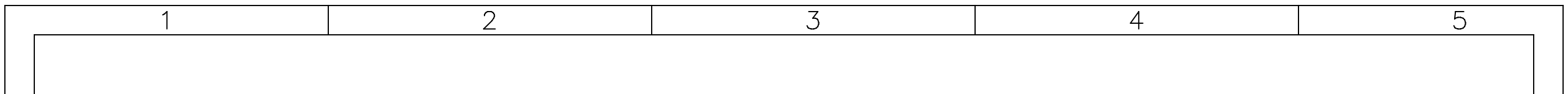


NOTES:
1. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES.
2. MATERIAL: FINISHED BOARD THICKNESS = SEE ORDER FORM.
   EPOXYGLASS, NEMA TYPE FR-4, EACH LAYER COPPER
   THICKNESS TO BE EQUIVALENT TO 1 OZ./SQ.FT.
   LAYER STACK: 1) TOP 2) GND 3) ML1 4) BOT
3. PLATE ALL HOLES THROUGH 0.0010 INCH MINIMUM COPPER
   PLUS 0.0003 INCH MINIMUM SOLDER SIDEWALL THICKNESS,
   UNLESS NOTED OTHERWISE. ALL HOLE DIAMETERS ARE
   FINISHED SIZES. TOLERANCE IS +/-0.003 INCH.
4. THERE ARE 2 SOLDER MASKS, TOP (.TSM) & BOTTOM (.BSM).
   SOLDER MASK BOTH SIDES (HYSOL SR1020 OR EQUIVALENT)
   OVER BARE COPPER (SMOBC), WITH GOLD ON THE EXPOSED PADS.
5. COMPONENT SCREEN OVER SOLDER MASK, TOP (.TSS) AND BOTTOM (.BSS).
6. USE 0.0625 ROUTER FOR LARGE ROUTED SLOTS, DO NOT PLATE.
   OK TO ROUTE OFF 1/2 OF THE PERIMETER PADS.
   USE 0.020 ROUTER FOR SMALL SLOTS, DO NOT PLATE.

DRILL CHART			
SYM	COUNT	SIZE(in)	PLATED
+	1503	0.008	YES
X	90	0.012	YES
Y	36	0.014	NO
⊣	612	0.016	YES
⧖	4	0.125	NO

TOTAL 2245

Title: U.C. BERKELEY		
Size: B	Number: EPIC-CORE 03-28-2007	Rev: A
Date: Sat Jul 07 2007		Drawn by: G.MYERS
Filename: EPIC_A.PCB		Sheet: of


1
2
3
4
5