

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	REVIEWED AND RELEASED	6/10/97	JEFFRY/UMBY
B	Update from AC94412,3	9/3/97	JEFFRY/UMBY

- Notes
1. Assume light pipes placed for 0.014" clearance from enclosure wall.
  2. GLM placement follows optical GLM specification to align connector flush with outside edge of enclosure wall.
  3. Assume 0.25" clearance to front of enclosure for enclosure assembly tolerance.
  4. Assume rear board edge clearance of 0.035" to enclosure wall (0.015" from datum).
  5. Drill size and tooling holes based on Xetel recommended practice.
  6. Drainage dimensions define footprint locations.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES  
TOL. ANGLE ±1"  
.X ±0.50 .XXX ±0.02  
.XX ±0.10 .XXXX ±0.01

Crossroads Systems, Inc.  
Austin, TX

DATE: 5/28/97  
DRAWN BY: JEFFRY  
ENGINEER: JEFFRY  
APPROVED: [Signature]  
REVIEW: [Signature]

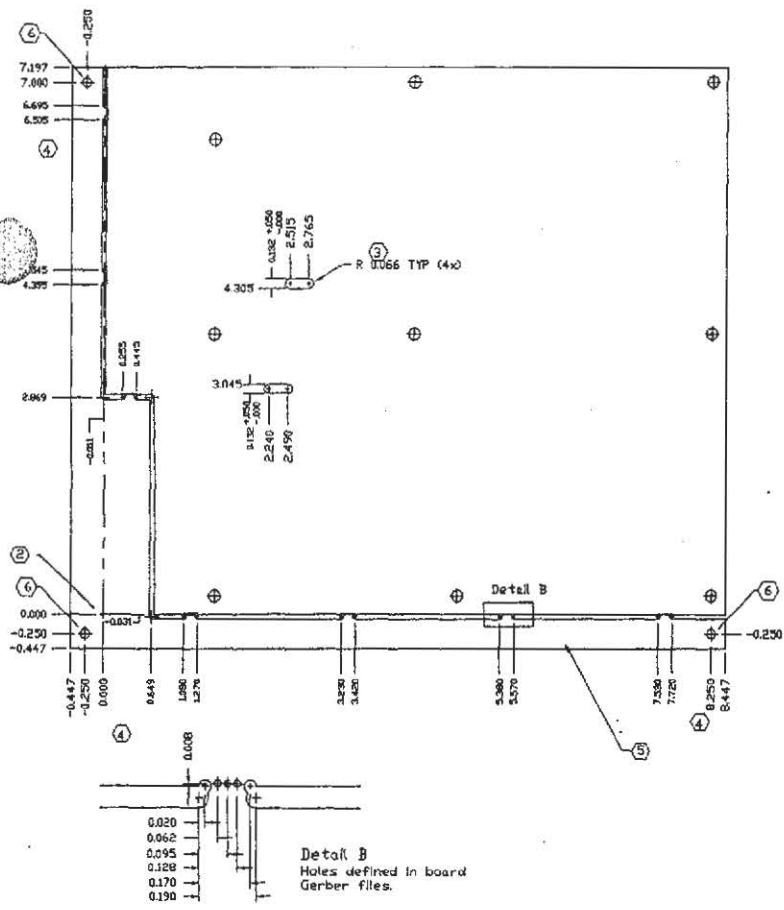
6/10/97

ALL SHEETS ARE THE SAME REVISION STATUS

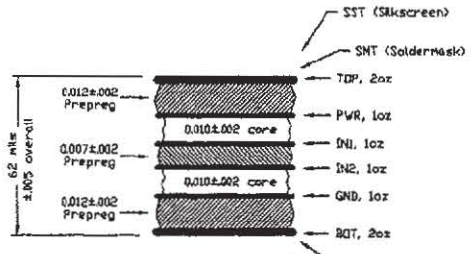
Crossroads Systems, Inc.  
Austin, TX

TITLE: Verrazano placement Bare board p/n AC94414  
Reference for layout

SIZE: FILE (DS01025= printed) DWG NO: DS01025 REV: B  
SCALE: none SHEET 1 of 1



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	REVIEW AND RELEASE	6/19/97	JEFFRY
B	Further specify non details, no significant changes.	8/18/97	JEFFRY
C	Added HASL finish spec	8/29/97	JEFFRY
D	Update from AC94413	9/3/97	JEFFRY/UMBY



Detail A: Board layer stack  
Layer abbreviation is file extension.

- Notes
1. Material: FR-4 epoxy fiberglass, UL 94V-0  
Soldermask: LPI, green, over bare copper (SMOBC)  
Silkscreen: White  
Lines: .006 min. with 008 spacing. Tolerance ±0.02  
Finish: Hot Air Levelled Solder  
See Detail A for board layer stacking.
  - ② Origin of dimensions is relative to board Gerber data.
  - ③ Slot dimensions: inside (Facing) edge critical dimension.
  - ④ Route dimensions between card and reel are indicated for 0.062" route, tol. ±0.005. Holes for perforations in card/reel tabs are defined in board Gerber.
  - ⑤ Copper clad rolls
  - ⑥ Tooling holes: 0.125<sup>+0.003</sup><sub>-0.000</sub>
  7. TEST: All cards are clam-shell tested from netlist.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES  
TOL. ANGLE ±1"  
.X ±0.50 .XXX ±0.02  
.XX ±0.10 .XXXX ±0.01

Crossroads Systems, Inc.  
Austin, TX

DATE: 5/30/97  
DRAWN BY: JEFFRY  
ENGINEER: JEFFRY  
APPROVED: [Signature]  
REVIEW: [Signature]

6/19/97

ALL SHEETS ARE THE SAME REVISION STATUS

Crossroads Systems, Inc.  
Austin, TX

TITLE: Verrazano bare board, AC94414  
Panelization dimensions, stack-up  
(Also for AC94411, 12, 13)

SIZE: FILE (ver\_pan= printed) DWG NO: DS01026 REV: D  
SCALE: none SHEET 1 of 1