

FABRICATION DRAWING FOR FLEX CIRCUIT DESIGN

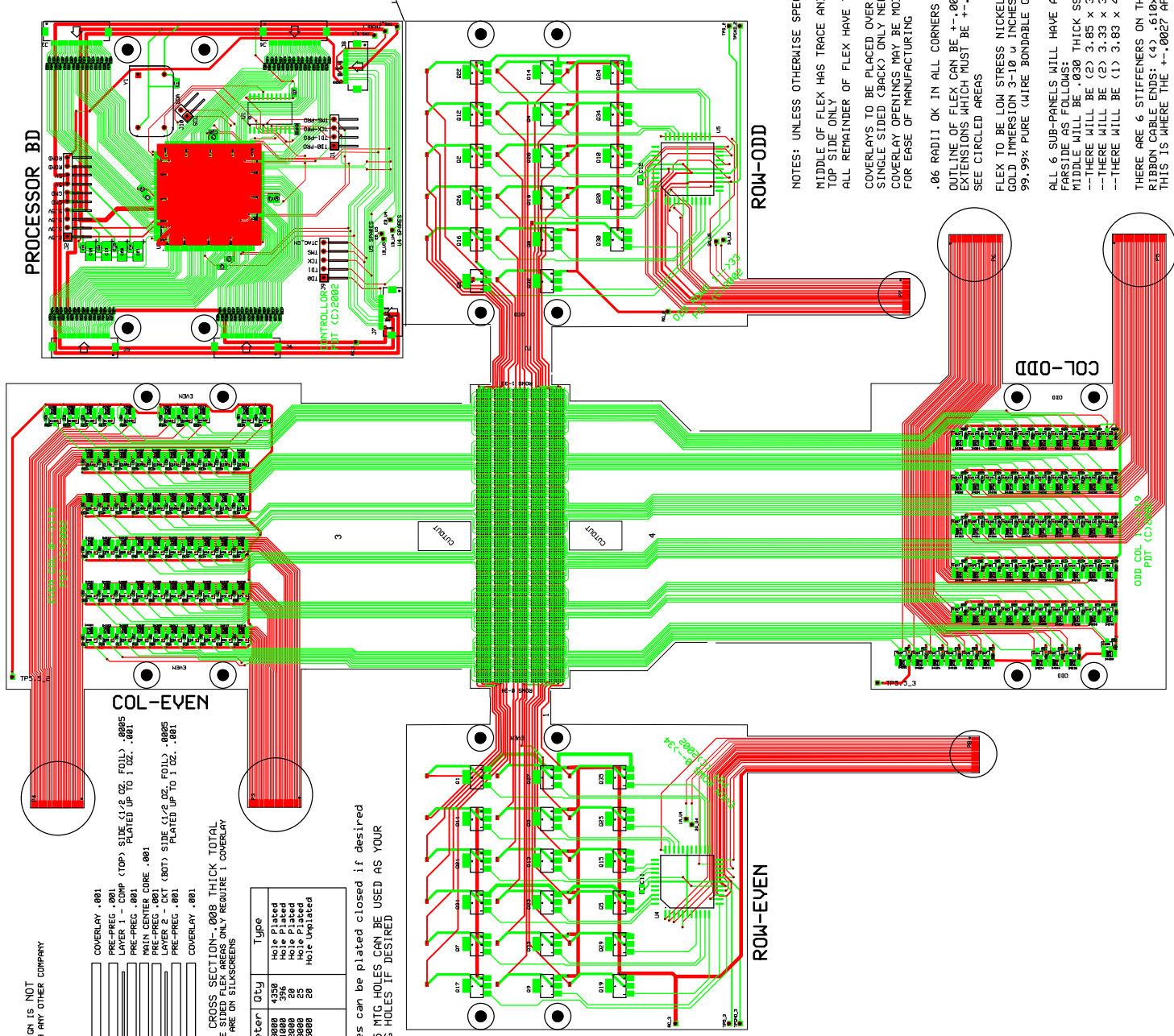
THIS CIRCUIT DESIGN IS NOT TO BE SHARED WITH ANY OTHER COMPANY

- COVERLAY .001
- PRE-PREG .001
- LAYER 1 - COMP (TOP) 5/16 OZ. FOLLY .0005 PLATED UP TO 1 OZ. .001
- PRE-PREG .001
- PRINT CENTER CORE .001
- LAYER 2 - CXT (BOT) 5/16 OZ. FOLLY .0005 PLATED UP TO 1 OZ. .001
- PRE-PREG .001
- COVERLAY .001

FLEX CROSS SECTION-.008 THICK TOTAL SINCE SIZED FLEXERS ONLY REQUIRE 1 COVERLAY THERE ARE 5N STIFFENERS

Code	Diameter	Qty	Type
U	0.011000	550	Ure Placed
B	0.032000	20	Ure Placed
D	0.125000	20	Hole Plated

THE .008 HOLES CAN BE PLATED CLOSED IF DESIRED THE (20) .125 MTG HOLES CAN BE USED AS YOUR TOOLING HOLES IF DESIRED



- NOTES: UNLESS OTHERWISE SPECIFIED
- MIDDLE OF FLEX HAS TRACE AND SPACE OF .0035 TOP SIDE ONLY
- ALL REMAINDER OF FLEX HAVE TRACE/SPACE OF .006+
- COVERLAYS TO BE PLACED OVER EACH COPPER LAYER SINGLE SIDED (BACK) ONLY NEED ONE COVERLAY COVERLAY OPENINGS MAY BE MODIFIED BY VENDOR FOR EASE OF MANUFACTURING
- .06 RADIi OK IN ALL CORNERS
- OUTLINE OF FLEX CAN BE +- .005 EXCEPT RIBBON EXTENSIONS WHICH MUST BE +- .0027 6 PLCS TOTAL SEE CIRCLED AREAS
- FLEX TO BE LOW STRESS NICKEL 150-200 uINCHES GOLD IMMERSION 3-10 u INCHES 99.99% PURE (WIRE BONDABLE GOLD)
- ALL 6 SUB-PANELS WILL HAVE A STIFFENER IN THE FAR SIDE AS FOLLOWS:
 - MIDDLE WILL BE .030 THICK SST PROVIDED BY CUSTOMER
 - THERE WILL BE (2) 3.85 x 3.45 STIFFENERS
 - THERE WILL BE (2) 3.33 x 3.45 STIFFENERS
 - THERE WILL BE (1) 3.63 x 4.10 STIFFENER
- THERE ARE 6 STIFFENERS ON THE FAR SIDE FOR THE RIBBON CABLE ENDS: (4) .610x.200, AND (2) .410x.200 THIS IS WHERE THE +- .0027 APPLIES