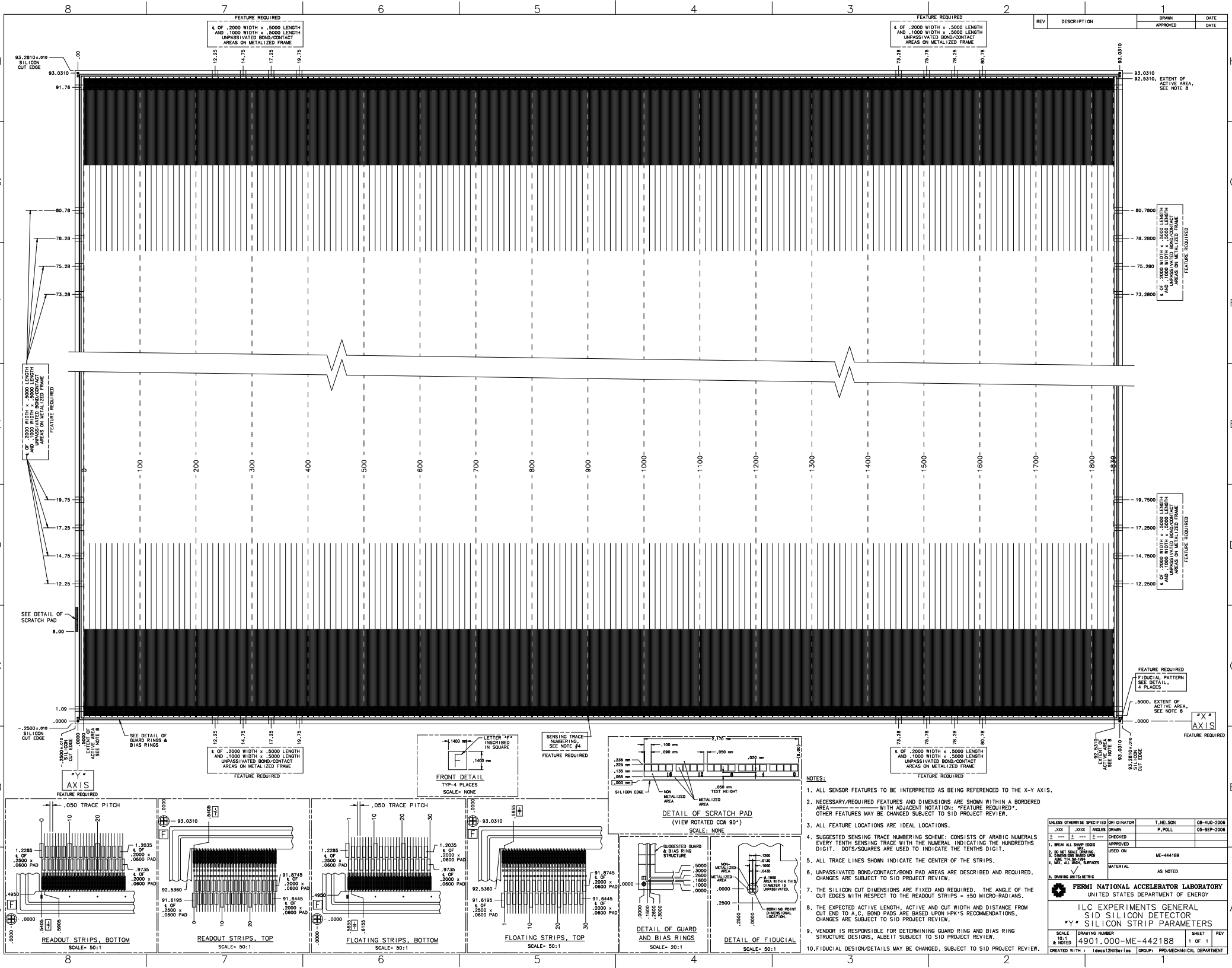

REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE

NOTES:

1. ALL SENSOR FEATURES TO BE INTERPRETED AS BEING REFERENCED TO THE X-Y AXIS.
2. NECESSARY/REQUIRED FEATURES AND DIMENSIONS ARE SHOWN WITHIN A BORDERED AREA ———————— WITH ADJACENT NOTATION: "FEATURE REQUIRED". OTHER FEATURES MAY BE CHANGED SUBJECT TO SID PROJECT REVIEW.
3. ALL FEATURE LOCATIONS ARE IDEAL LOCATIONS.
4. SUGGESTED SENSING TRACE NUMBERING SCHEME: CONSISTS OF ARABIC NUMERALS EVERY TENTH SENSING TRACE WITH THE NUMERAL INDICATING THE HUNDREDTHS DIGIT. DOTS/SQUARES ARE USED TO INDICATE THE TENTHS DIGIT.
5. ALL TRACE LINES SHOWN INDICATE THE CENTER OF THE STRIPS.
6. UNPASSIVATED BOND/CONTACT/BOND PAD AREAS ARE DESCRIBED AND REQUIRED. CHANGES ARE SUBJECT TO SID PROJECT REVIEW.
7. THE SILICON CUT DIMENSIONS ARE FIXED AND REQUIRED. THE ANGLE OF THE CUT EDGES WITH RESPECT TO THE READOUT STRIPS = ±50 MICRO-RADIANS.
8. THE EXPECTED ACTIVE LENGTH, ACTIVE AND CUT WIDTH AND DISTANCE FROM CUT END TO A.C. BOND PADS ARE BASED UPON HPK'S RECOMMENDATIONS. CHANGES ARE SUBJECT TO SID PROJECT REVIEW.
9. VENDOR IS RESPONSIBLE FOR DETERMINING GUARD RING AND BIAS RING STRUCTURE DESIGNS, ALBEIT SUBJECT TO SID PROJECT REVIEW.
10. FIDUCIAL DESIGN/DETAILS MAY BE CHANGED, SUBJECT TO SID PROJECT REVIEW.

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	T.NELSON	08-AUG-2006
.XXX	.XXXX	ANGLES	DRAWN	P.POLL	05-SEP-2006
± .010	± .005	± 1°	CHECKED		
1. BREAK ALL SHARP EDGES .005			APPROVED		
2. DO NOT SCALE DRAWING			USED ON	ME-444189	
3. DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994					
4. MAX. ALL MACH. SURFACES			MATERIAL	AS NOTED	
5. DRAWING UNITS: METRIC					

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

ILC EXPERIMENTS GENERAL SID SILICON DETECTOR "Y" SILICON STRIP PARAMETERS

SCALE	DRAWING NUMBER	SHEET	REV
10:1 & NOTED	4901.000-ME-442188	1 OF 1	

CREATED WITH : Ideas12NXSeries | GROUP: PPD/MECHANICAL DEPARTMENT