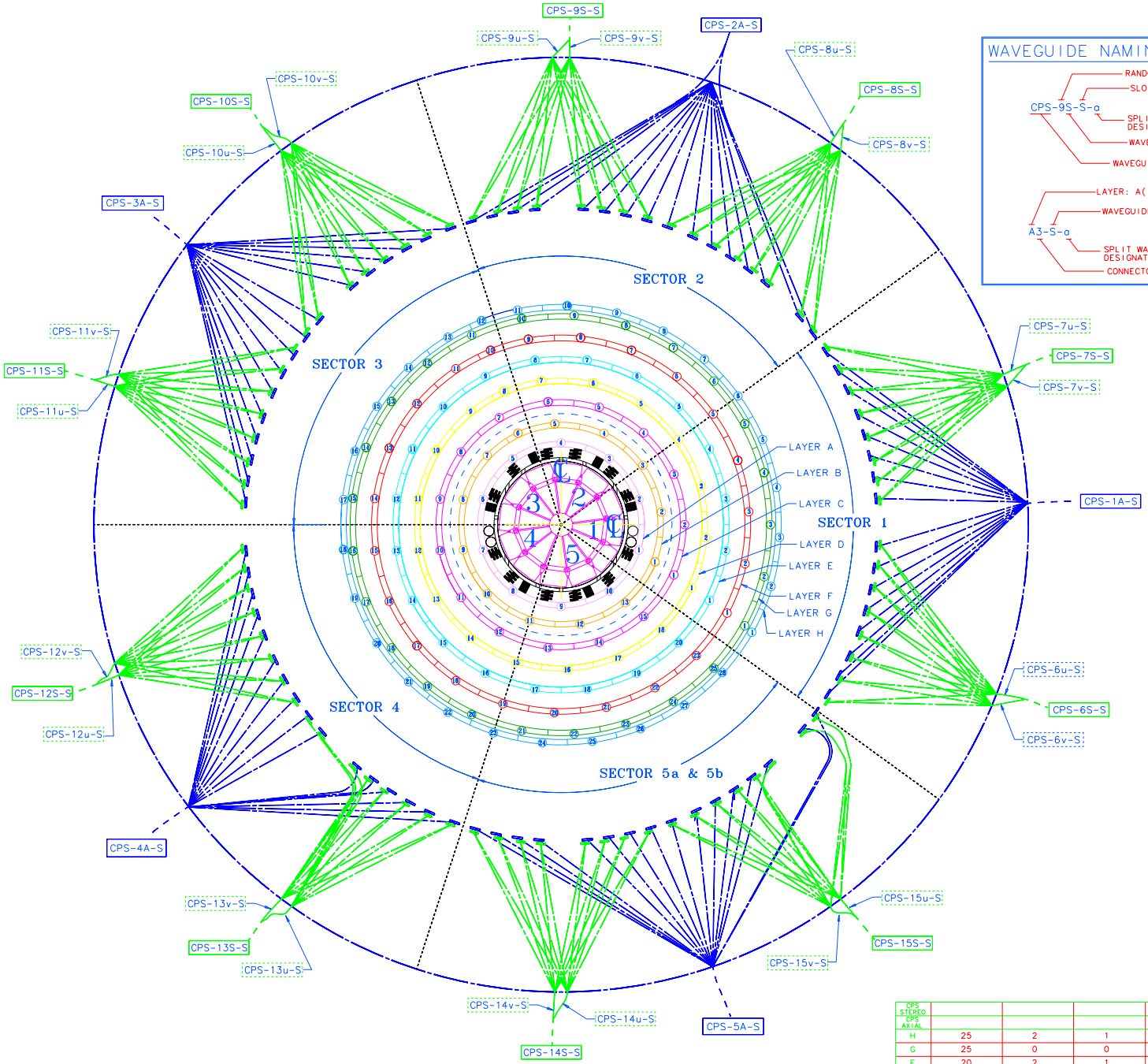
REV.	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE



WAVEGUIDE NAMING:

CPS-9S-S-a

- RANDOM NUMBER
- SLOT SIDE: N-NORTH; S-SOUTH
- SPLIT WAVEGUIDE DESIGNATION: a-FIRST HALF; b-SECOND HALF
- WAVEGUIDE TYPE: S-STEREO; A-AXIAL; u-STEREO "u"; v-STEREO "v"
- WAVEGUIDE ORIGIN: CPS-CENTRAL PRE-SHOWER; FPS-FORWARD PRE-SHOWER

A3-S-a

- LAYER: A(INSIDE) TO H(OUTSIDE)
- WAVEGUIDE TYPE: S-STEREO; A-AXIAL; u-STEREO "u"; v-STEREO "v"
- SPLIT WAVEGUIDE DESIGNATION: a-FIRST HALF; b-SECOND HALF
- CONNECTOR NUMBER IN LAYER

NOTES:

1.) BARREL LAYERS START AT "A"(INSIDE) AND PROGRESS UP TO "H"(OUTSIDE).

2.) EACH WAVEGUIDE WILL BE NAMED BY ITS RESPECTIVE LAYER THEN LOCATION. (i.e.: IF ON LAYER E AND AT THE THIRD POSITION, THEN E-3).

3.) CPS STEREO WAVEGUIDES ARE FORMED BY BY JOINING ONE CPS-STEREO "u" LAYER and ONE CPS-STEREO "v" LAYER.

LAYER	FULL CONNECTOR QTY.	SHARED "HALF" CONNECTOR QTY.	HALF CONNECTOR QTY.	IDEAS MS4 COLOR
CPS STEREO				GREEN
CPS AXIAL				BLUE
H	25	2	1	LT BLUE
G	25	0	0	DK GREEN
F	20	2	1	RED
E	20	0	0	CYAN
D	15	2	1	YELLOW
C	15	0	0	MAGENTA
B	10	2	1	GLD ORANGE
A	10	0	0	PINK

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.

PARTS LIST

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	R. RAY	5-14-99
.XX	.XXX	ANGLES	DRAWN	D. ARNOLD	10-8-99
±	±	±	CHECKED		
1. BREAK ALL SHARP EDGES .010 MAX.			APPROVED		
2. DO NOT SCALE DRWG.			USED ON		
3. DIMENSIONING IS ACCORD WITH ANSI Y14.5M-1982					
4. ALL DIMENSIONS ARE IN INCHES.			MATERIAL		
√ MAX. ALL MACHINED SURFACES					

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

PPD/MECHANICAL SUPPORT
DO UPGRADE/TRACKING SYSTEM
BARREL/WAVEGUIDE NAMING SCHEME-SOUTH END

SCALE	DRAWING NUMBER	SHEET NO.	REV.
NONE	3823.113-ME-373738	1 OF 1	

Plotted by arnold on 09-Mar-2000 , File: 37373801__.pff