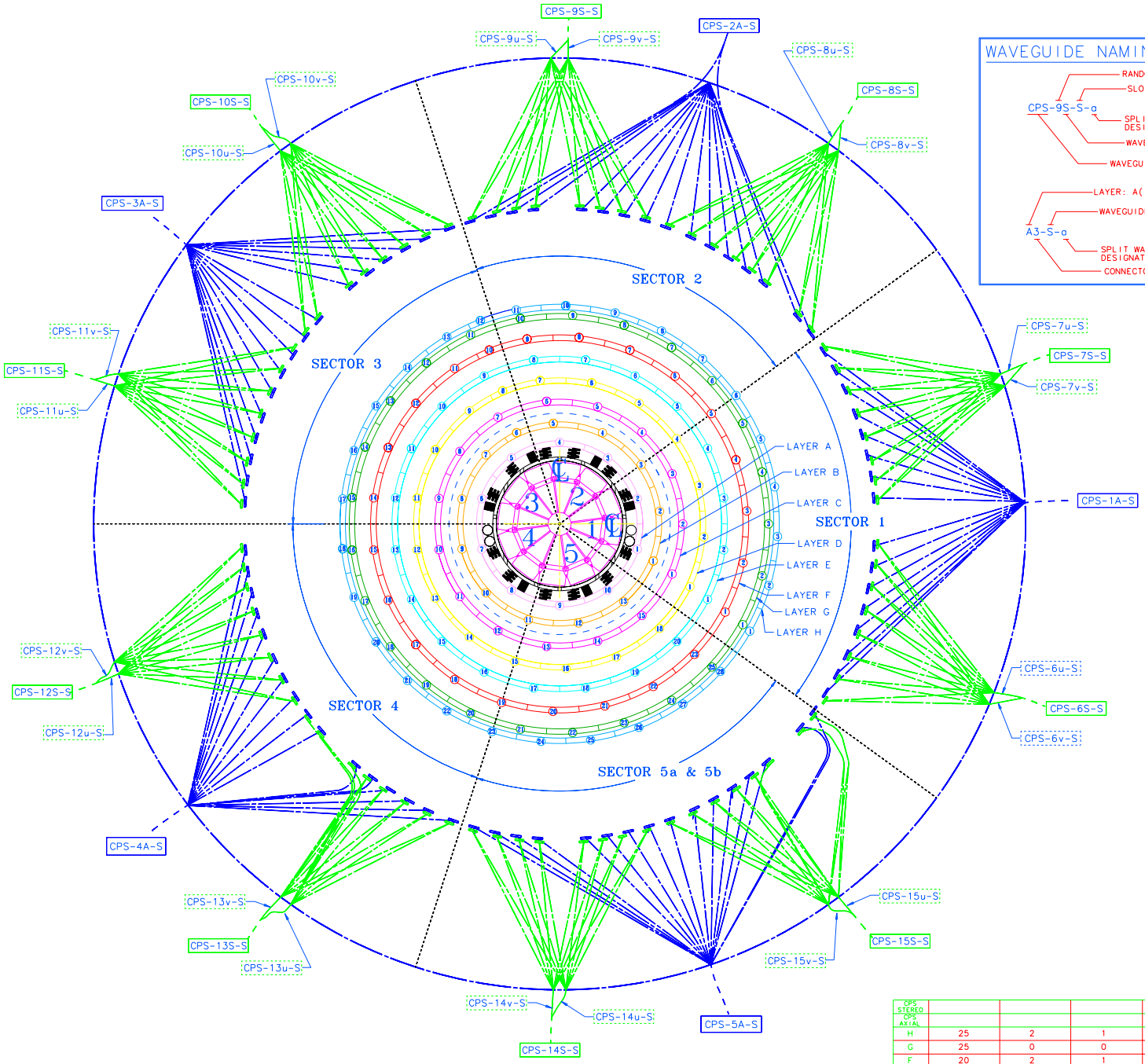


## WAVEGUIDE NAMING:

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 .015 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 | |

| REV. | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | APPROVED | DATE |

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