

### 2.11 Alignment Accuracy

Track position is defined by:

$$RN = 39.5 - 0.1875 \times N$$

Where RN: Absolute track position from disk center  
N: Track number from 0 to 79

Alignment Accuracy at track 40 shall be:  $\pm 0.020$  mm

Alignment Accuracy at all other tracks shall be:  $\pm 0.035$  mm

### 2.12 Azimuth Angle

Azimuth Angle shall be;

$$\text{Angle} = \arcsin(0.35 / (X - YN)) \pm 0 \text{ degrees } 30'$$

where : X = 39.5  
Y = 0.1875  
N = Track number (0 to 79)

Azimuth angle is defined in Figure 2.4.

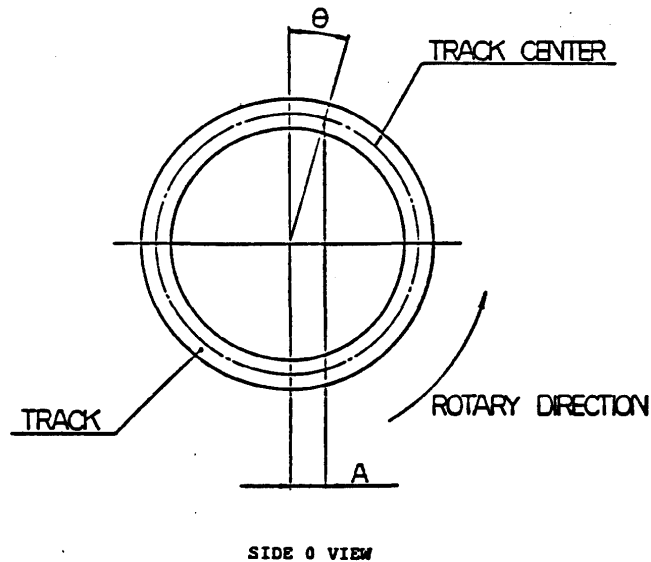


Figure 2.4 Azimuth Angle

 apple computer inc.

SIZE  
A

DRAWING NUMBER  
699-0285-A

SCALE:

SHEET 13 OF 39