

Table 9 Portion of the **equivellipse.COM** file generated automatically by "GENTEXT" that corresponds to the GENOPT user's input listed in Table 3. GENOPT inserts these labeled common blocks and variable declarations in all the FORTRAN libraries listed in Table 7. This list forms part of the complete equivellipse.COM file that appears in Table a6 of the appendix. The complete equivellipse.COM file exists when the GENOPT user has completed the interactive "GENTEXT" session.

```
=====
COMMON/FV01/xinput(21),Ixinput
REAL xinput
COMMON/FV02/ainput,binput,xlimit,SPACNG,THSTIF,THKCYL,RADCYL
REAL ainput,binput,xlimit,SPACNG,THSTIF,THKCYL,RADCYL
COMMON/FV05/THKSKN(21),HIGHST(21)
REAL THKSKN,HIGHST
COMMON/IV01/npoin, nodes, IMODE
INTEGER npoin, nodes, IMODE
=====
```