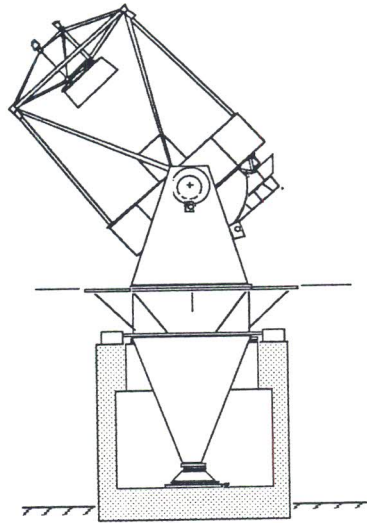


WISCONSIN  
INDIANA  
YALE  
NOAO



3.5 METER TELESCOPE

System Definition & Configuration  
for the  
WIYN 3.5 Meter Telescope

WODC 01-01-02

6/25/91



SYSTEM DEFINITION & CONFIGURATION

1. Purpose and Scope
2. General Layout of the Telescope
3. Optical Configuration
  - 3.1 Primary and Active Support
  - 3.2 Secondary
  - 3.3 Tertiary
  - 3.4 CorrectorsTable 1. TELESCOPE OPTICAL CONFIGURATIONS for  $f/6.3$   
Table 2. TELESCOPE OPTICAL CONFIGURATIONS for  $f/13-13.5$
4. Dome and Enclosure Configuration
5. Control Building
6. Thermal Control
7. Control System
8. Spatial Coordinate Systems

FIGURES

1. Plan of WIYN 3.5 m Telescope
2. Optical Layout
3. WIYN Port 30 arcminute Corrector/ADC
4. MOS Port 1 degree Wide Field Corrector
5. Dome, Enclosure, and Control Building Design
6. Plan View of the Observatory
7. WIYN 3.5 m Control System plus Dome Controls
8. Coordinate Systems Defined



