TOLERANCES UNLESS OTHERWISE NOTED:
FRACTIONAL: 0"-6": ±1/64" 6"-24": ±1/32" 24": ±1/16"
DECIMAL: X.X: ±0.100" X.XX: ±0.010" X.XXX: ±0.005" X.XXXX: ±0.0001"
ANGLES: ±0.5°
FINISH: 125 MICRO INCHES
BREAK ALL SHARP EDGES & CORNERS 1/64" MAX

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>A8001</td>
<td>CASSEGRAIN ADC</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>A8010</td>
<td>FRAME, TEST</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>A8030</td>
<td>STAND, TEST</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>A8060</td>
<td>PRISM INSTALLATION FIXTURE</td>
</tr>
</tbody>
</table>

**Parts List**

**Cassegrain ADC**

**Frame, Test**

**Stand, Test**

**Prism Installation Fixture**

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**Figure 1**: Diagram of the Cassegrain ADC parts list.

**Observation**:

- **Description**: The diagram illustrates the components of the Cassegrain ADC system, including the frame, stand, and prism installation fixture. The parts list provides the necessary details for manufacturing and assembly, ensuring precision and accuracy in the construction of the observatory equipment.

**Engineer**: Vernon

**Date**: 4/20/2004

**Project Code**: A8002

**Notes**:

- All dimensions and tolerances are critical for the proper functioning of the Cassegrain ADC system.

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**Diagram**: Detailed schematic showing the assembly of the components, with labels indicating the parts and their functions. The diagram is essential for technicians and engineers to understand the spatial arrangements and connections required for the observatory's setup.

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**Parts Breakdown**:

- **Cassegrain ADC**: Central component for observing through a large aperture, ensuring sharp images and high resolution.

- **Frame, Test**: Supports the Cassegrain ADC, providing stability and structure to accommodate the weight and movement.

- **Stand, Test**: Ensures the system is vertically aligned for accurate observations.

- **Prism Installation Fixture**: Critical for precise alignment and measurement, ensuring the accuracy of observations.