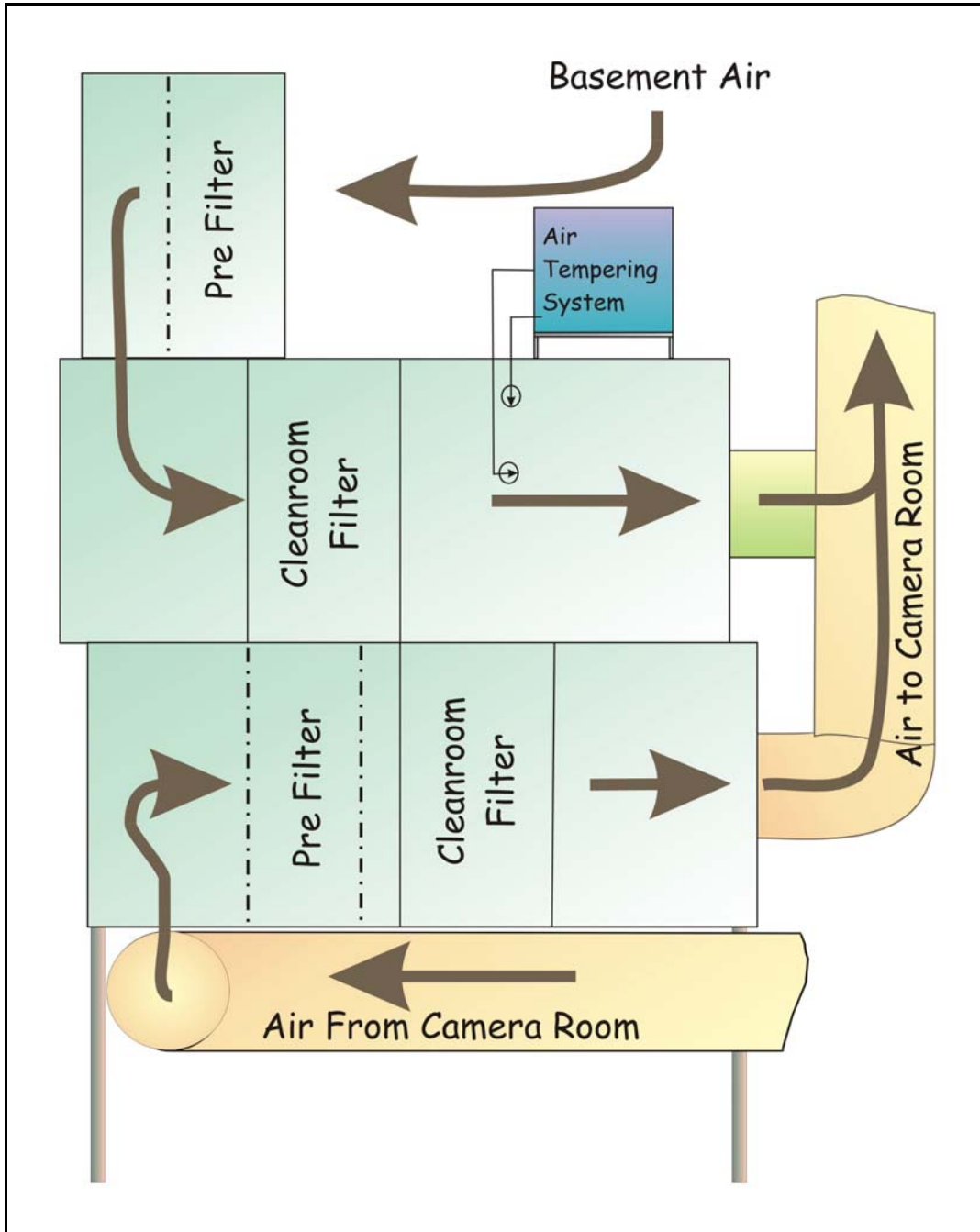


120 INCH TELESCOPE COUDE' AIR FILTRATION SYSTEM



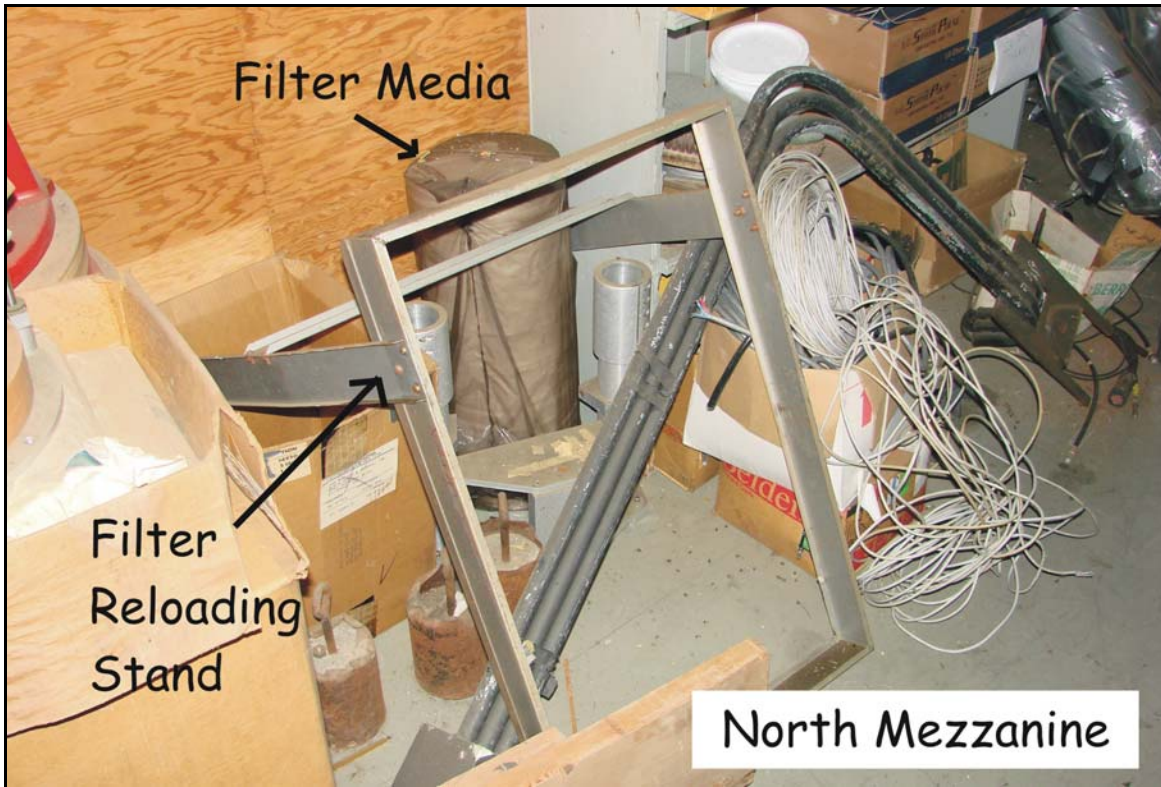
Air filtering and tempering system for the Coude' camera room.
It also provides a positive pressure to the room to help prevent dust infiltration.

120 INCH TELESCOPE COUDE' AIR FILTRATION SYSTEM



Air filtering and tempering system flowchart for the Coude' camera room.

120 INCH TELESCOPE COUDE' AIR FILTRATION SYSTEM



The location where the filter media and fixtures live.



This is the air makeup intake in need of changing.

120 INCH TELESCOPE COUDE' AIR FILTRATION SYSTEM



Remove the filter from the housing and place on the filter changing rack. Release the four retaining clips and remove the top half of the filter retainer and set aside. Remove the soiled filter media and discard.



120 INCH TELESCOPE COUDE' AIR FILTRATION SYSTEM



Pull the new filter media loosely across the top of the bottom half of the filter retainer.

120 INCH TELESCOPE COUDE' AIR FILTRATION SYSTEM



Place a media guide into the first frame recess, carefully pushing the filter media down into the bottom.
Now place the second and third guide plates into the frame.

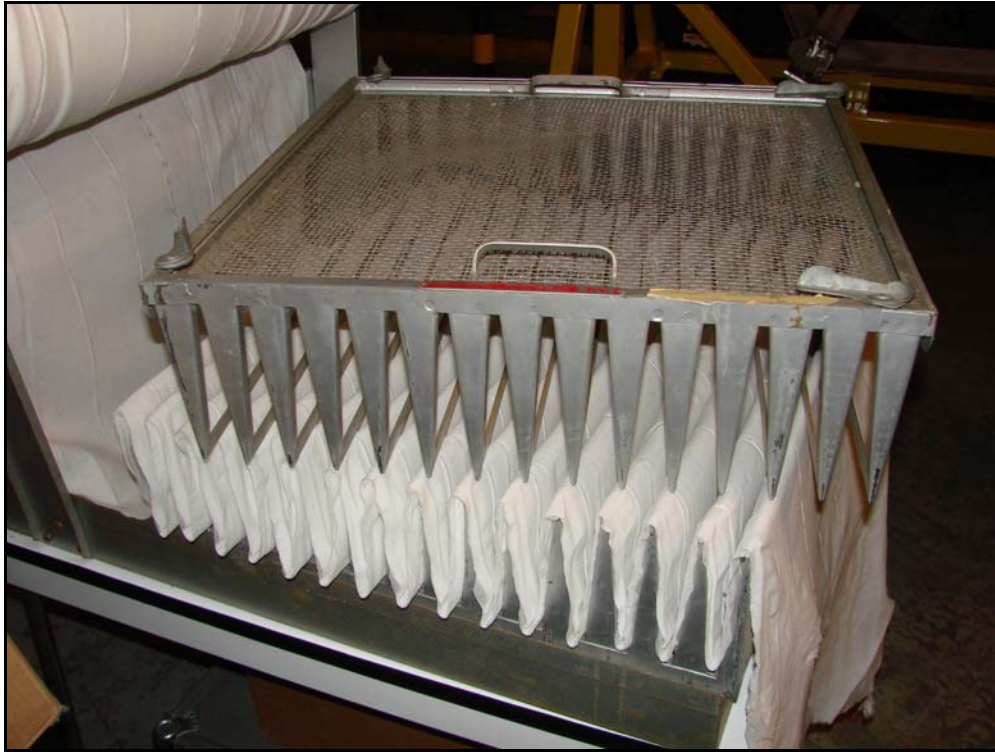


Now take the first guide plate out and place it in the next open frame space and repeat this to the end of the frame and then remove the guide plates completely.

120 INCH TELESCOPE COUDE' AIR FILTRATION SYSTEM



120 INCH TELESCOPE COUDE' AIR FILTRATION SYSTEM



Now place the top part of the filter retainer into the bottom half of the retainer while centering the frame and gently pressing it into the lower frame. Be careful not to rip the filter media or you will have to discard it and start over.



120 INCH TELESCOPE COUDE' AIR FILTRATION SYSTEM



Rip off the excess overhang from top to bottom on both sides and remove the excess on the front and back and install the filter back into the filter-fan housing.

There is also a pre-filter in the bottom of the Coude' filter system where the access panel must be removed from the side as indicated on the panel and replace the media as above.