3-9-89

Library test of the 48", 6", 86, and a piece of Fresnel mirror.

The glass was blown clear of any fine pieces of dirt that may have fallen on it. The next step was to wash it with a soap and water solution mixed with house water and rinsed with house water. Then wash with a solution of soap and distilled water and rinsed with distilled water.

It was then sprayed with a sensitizing solution and rinsed with distilled water after 30 seconds. It was then sprayed with a silver solution and a reducer solution at the same time. It was sprayed with a very light coating so we can see any flaws.

After everything was dry I inspected the 18" very well. I can see some minor flaws in the surface and did
verify this with a template made before we did any work on the
mirror. I am somewhat encouraged with the outcome of the test done
as I can only see 2 areas that have surface paint.
I also see that no damage was
done to the E6 glass or the piece
of Lewis mirror.
It did show more damage to the
6" piece of corning glass as now you
can see cracks in the surface. This
leads me to believe that the damage
to the 6" piece of glass was caused
by chemicals and if the 6" is left
the way it is we should use much
lighter solutions of chemical when
going through the process for coating.