Window Restoration

Jim Stinson

Ontario Heritage Conference

June 17, 2022

Brockville Armouries



Agenda



Introduction

Terminology and anatomy

Why should we restore windows?

Common failures

Glass

Paint

Other considerations

Demonstrations

Terminology

"Fixed" vs. "Operable"



Terminology

"Fixed" vs. "Operable"

Single-hung, double-hung, etc.



Terminology

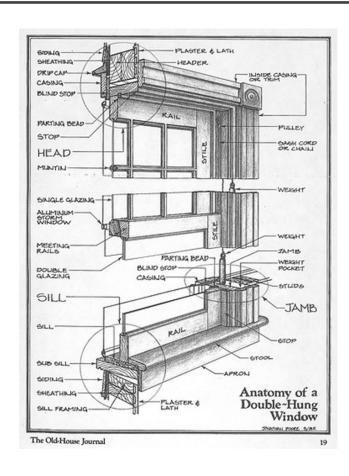
"Fixed" vs. "Operable"

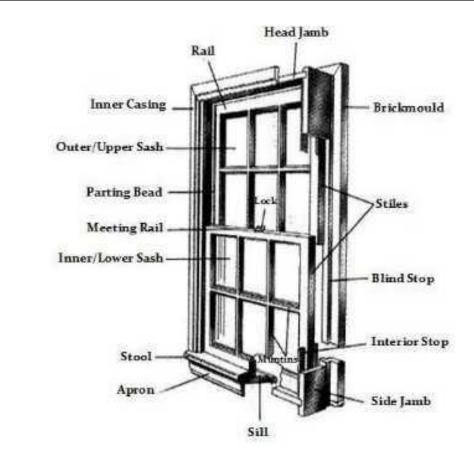
Single-hung, double-hung, etc.

Casement



Anatomy







Heritage integrity



Heritage integrity

Character



Heritage integrity

Character

Longevity



Heritage integrity

Character

Longevity

Performance



Heritage integrity

Character

Longevity

Performance

Modification

Putty degradation



Putty degradation

Inadequate drainage



Putty degradation
Inadequate drainage
Openings in joinery



Putty degradation
Inadequate drainage
Openings in joinery
Compromised operation



Putty degradation

Inadequate drainage

Openings in joinery

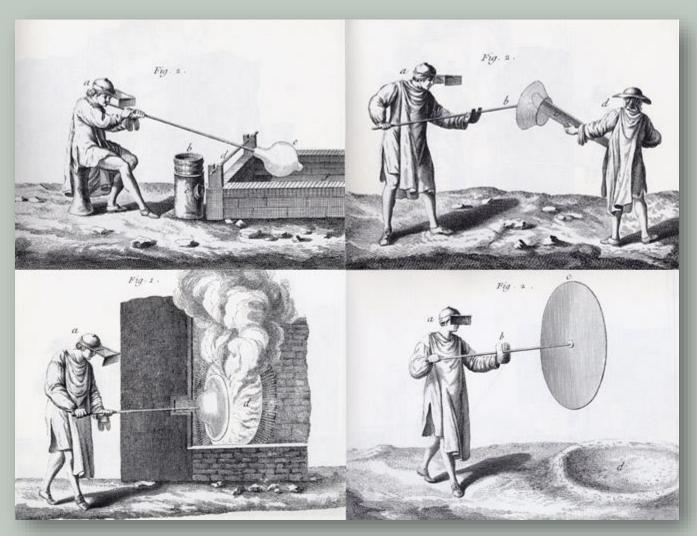
Compromised operation

Damage



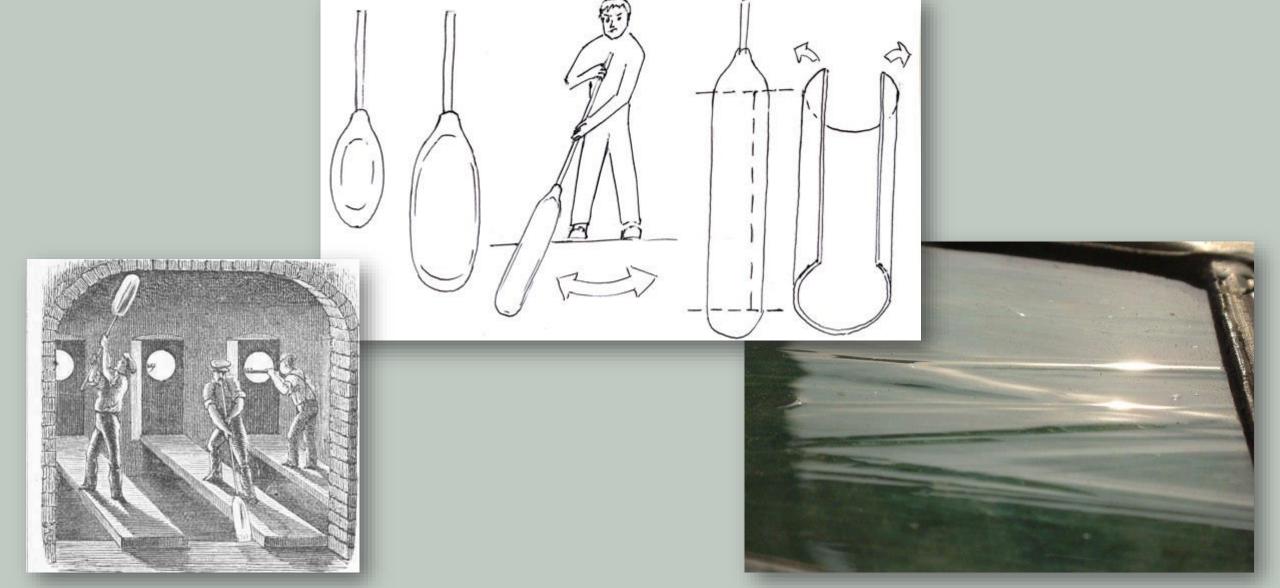
A brief introduction to glass

A brief introduction to glass





A brief introduction to glass



Methods of removal









Methods of removal

Surface preparation



Methods of removal

Surface preparation

Primer





Methods of removal

Surface preparation

Primer

Paint







Storms & screens



Storms & screens

Shutters



Storms & screens

Shutters

Weatherstripping

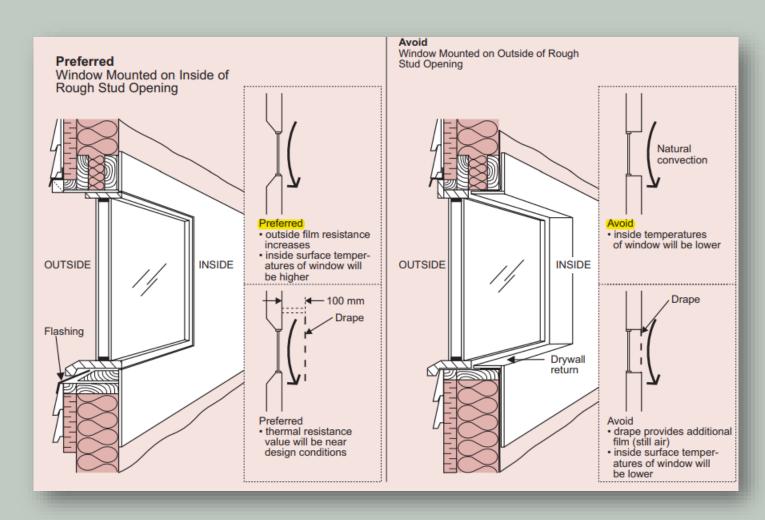


Storms & screens

Shutters

Weatherstripping

Protection



Storms & screens
Shutters
Weatherstripping
Protection

Placement



Storms & screens

Shutters

Weatherstripping

Protection

Placement

Hardware