

FRAME FORMATS FOR GLASS LITES & WOODEN PANELS

All Woodstone wooden frame windows and doors include a haunched mortise & tenon wooden frame surrounding at least one wooden panel or glass lite. Units containing one panel or lite are described as FULLITE or FULL PANEL units. Units containing more than one panel and/or lite are described as having MULTIPLE LITE or MULTIPLE PANEL formats.

Generally, window and door frames include STILES (vertical members) and RAILS (horizontal members). In some cases vertical frame members within the perimeter frame of a door divide panels and are described as MULLION RAILS. With glass lites the dividers are described as SASH BARS and SASH MUNTINS. SASH BARS are the full length dividers and the SASH MUNTINS are the coped and segmented pieces between the bars. SASH BARS & SASH MUNTINS can be assembled vertically, horizontally or at any angle to the stiles and rails of a sash or door frame. They can be straight or curved. The shortest dimension from the inside edge of one perimeter frame member to the corresponding inside edge of the adjacent perimeter frame member determines the SASH BAR placement. The remaining longer dimension determines the segmented SASH MUNTINS. See Woodstone's Glossary of Terms and FSGD system illustration.

There is an infinite variety of sizes, quantities and shapes of lites or panels. Shapes are generally determined as straight-line, curved-line or combinations thereof. Curves are generally radius, elliptical or combinations thereof. See the section on SHAPES & SIZES for more information.

Several wooden panel shapes are also demonstrated in the following illustrations. Arched panels and planks are interchangeable. See the PANELS, PLANKS, LOUVERS & VENEERS section for more information.

Woodstone's unique modeling system allows dimensional manipulation of all framing members, lites and panels. Although dimensional variations are carried out to thousandths of an inch, most drawings are dimensioned to the closest 1/64th of an inch for practical reasons. Metric designation is also available.

The following illustrations demonstrate some logical progressions from Fullite or Full Panel sash and doors to various Multiple Formats. Various arches, including radius, gothic & elliptical curves are also illustrated along with modeling schematics of the WOODSTONE FANLITE SYSTEM and WOODSTONE FSGD (Frame, Sash, Grille, Door) SYSTEM. All of the displayed illustrations have been modeled from these programs and, as we discussed in the introduction, an infinite range of designs can be created by combining specific variations.

The following pages demonstrate:

- WOODSTONE'S FANLITE SYSTEM
- FANLITErm FORMAT PROGRESSIONS
- TRANSVERSE & GOTHIC ARC SEGMENT ILLUSTRATIONSTM
- STRAIGHT, ARCHED & COMBINATION SASH ILLUSTRATIONS
- STRAIGHT, ARCHED & COMBINATION DOOR ILLUSTRATIONS
- WOODSTONE'S FSGD (FRAME,SASH,GRILL,DOOR) SYSTEM