

COLUMN TERMINOLOGY

INTERIOR AND EXTERIOR COLUMNS ARE A GREAT WAY ADD CHARACTER TO YOUR HOME. COLUMNS ARE AVAILABLE IN FIBERGLASS, VARIOUS WOOD SPECIES AND NEW SYNTHETIC MATERIALS. ALL ARE AVAILABLE IN A WIDE VARIETY OF STYLES AND SIZES.

BRIEF HISTORY LESSON

HISTORY OF COLUMN STYLES: THERE ARE FIVE BASIC ORDERS OF COLUMNS

GREEK DORIC: THE OLDEST, SIMPLEST AND STURDIEST DESIGN. IT HAS NO BASE OR PLINTH AND IS GENERALLY THICKER THAN THE OTHER ORDERS OF THE SAME HEIGHT. IT HAS SHALLOW FLUTES AND AN ENTASIS, WHICH IS A FLAT CURVE ON THE TAPERING SHAFT. THE PARTHENON, THE MOST FAMOUS TEMPLE ON THE ACROPOLIS IN ATHENS, ARE DORIC.

IONIC: TWENTY-FOUR FLUTES ARE UTILIZED TO EMPHASIZE THE HEIGHT. VOLUTES OR STONE SPIRALS ARE INCORPORATED INTO THE CAPITAL, RESEMBLING OPEN SCROLLS. THE COLUMNS ON THE ERECTHTEUM, ANOTHER TEMPLE ON THE ACROPOLIS IN ATHENS, ARE IONIC.

CORINTHIAN: ORNATE CAPITALS DECORATED WITH ACANTHUS LEAVES AND SMALL VOLUTES DISTINGUISH THIS FAMILY OF COLUMNS. ALMOST ALL BUILDINGS ERECTED BY THE ROMANS UTILIZED THE CORINTHIAN DESIGN.

TUSCAN: A SIMPLE ADAPTATION OF THE DORIC ORDER. THE TEMPLE OF PIETY IN ROME IS A GOOD EXAMPLE.

COMPOSITE: A HEAVIER CORINTHIAN COLUMN WITH A CAPITAL COMPRISED OF AN ORNATE COMBINATION OF CORINTHIAN AND IONIC. THE ARCH OF TITUS IN ROME UTILIZED THE COMPOSITE STYLE.

SIZING COLUMNS

LEARNING TO PICK THE RIGHT SIZED COLUMN FOR YOUR HOME IS EASY. ONLY TWO FACTORS SHOULD BE CONSIDERED:

1. THE OPENING HEIGHT
2. THE ORDER (OR COLUMN STYLE) OF THE ARCHITECTURE THAT YOU PREFER. (DEFINITIONS OF THE DIFFERENT ORDERS IS LISTED IN OUR "BRIEF HISTORY" SECTION ABOVE.

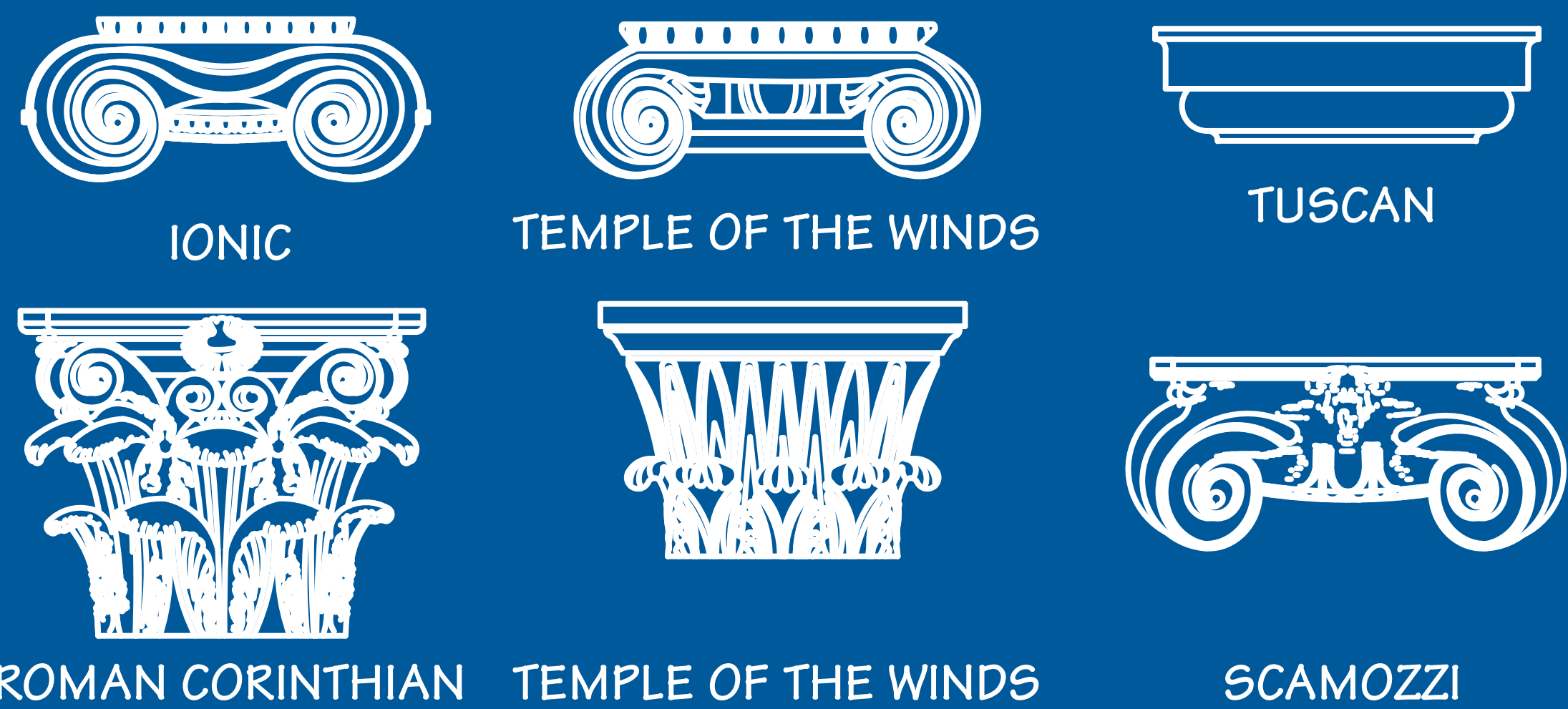
HERE'S THE FORMULA:

TAKE YOUR HEIGHT IN INCHES AND DIVIDE IT BY THE DIVISOR BASED ON THE ORDER. ROUND UP THE RESULT TO THE NEAREST COLUMN SIZE.

ORDER	DIVISOR	CALCULATION	"RITE SIZE"
TUSCAN	7	96/7=13.7	14"
DORIC	8	96/8=12	12"
IONIC	9	96/9=10.7	10" OR 12"
CORINTHIAN	10	96/10=9.6	10"
COMPOSITE	10	96/10=9.6	10"

ALL CALCULATIONS BASED ON AN 96" HIGH OPENING

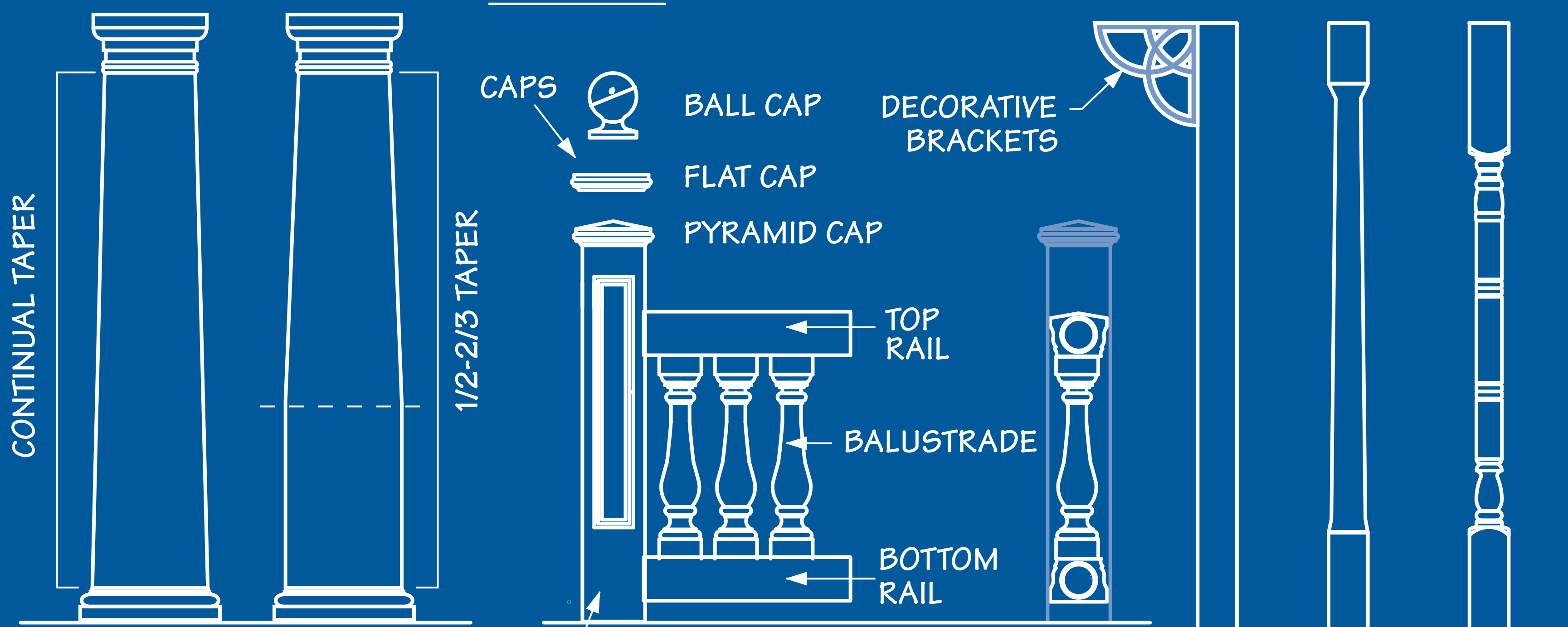
MOST COLUMNS CAN BE SPLIT TO SHROUD EXISTING STRUCTURAL COLUMNS OR FIT INTO VARIOUS ARCHITECTURAL DETAILS. SPLIT COLUMNS ARE NOT LOAD BEARING.



DECORATIVE CAPITALS ARE AVAILABLE IN A WIDE VARIETY OF STYLES AND MATERIALS. THESE ARE JUST A FEW OF THE MORE POPULAR STYLES

DESIGNS VARY WIDELY FROM MANUFACTURER TO MANUFACTURER.

CAPITALS



COLONIAL CLASSIC

COLUMN TAPERS

BALUSTRADE SYSTEMS



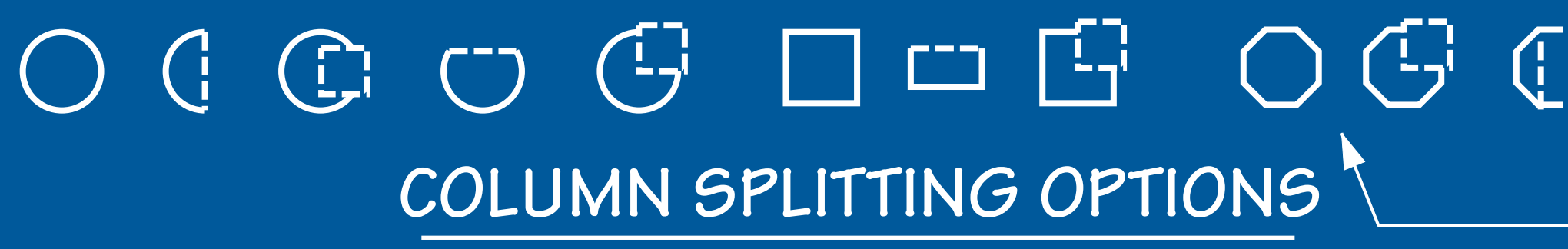
TUSCAN BASE ATTIC BASE COLONIAL BASE

BASES

PORCH POSTS ARE AVAILABLE IN FIBERGLASS, WOOD OR SYNTHETIC MATERIALS AND ARE NORMALLY LOAD BEARING. SOME SYNTHETIC POSTS HAVE STEEL COLUMNS EMBEDDED IN THEM.

SQUARE CHAMFERED COLONIAL

PORCH POSTS



COLUMN SPLITTING OPTIONS



COLUMNS, POSTS AND RAILING FACT SHEET

Drawn By:

P.A.W.

Drawing No.

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