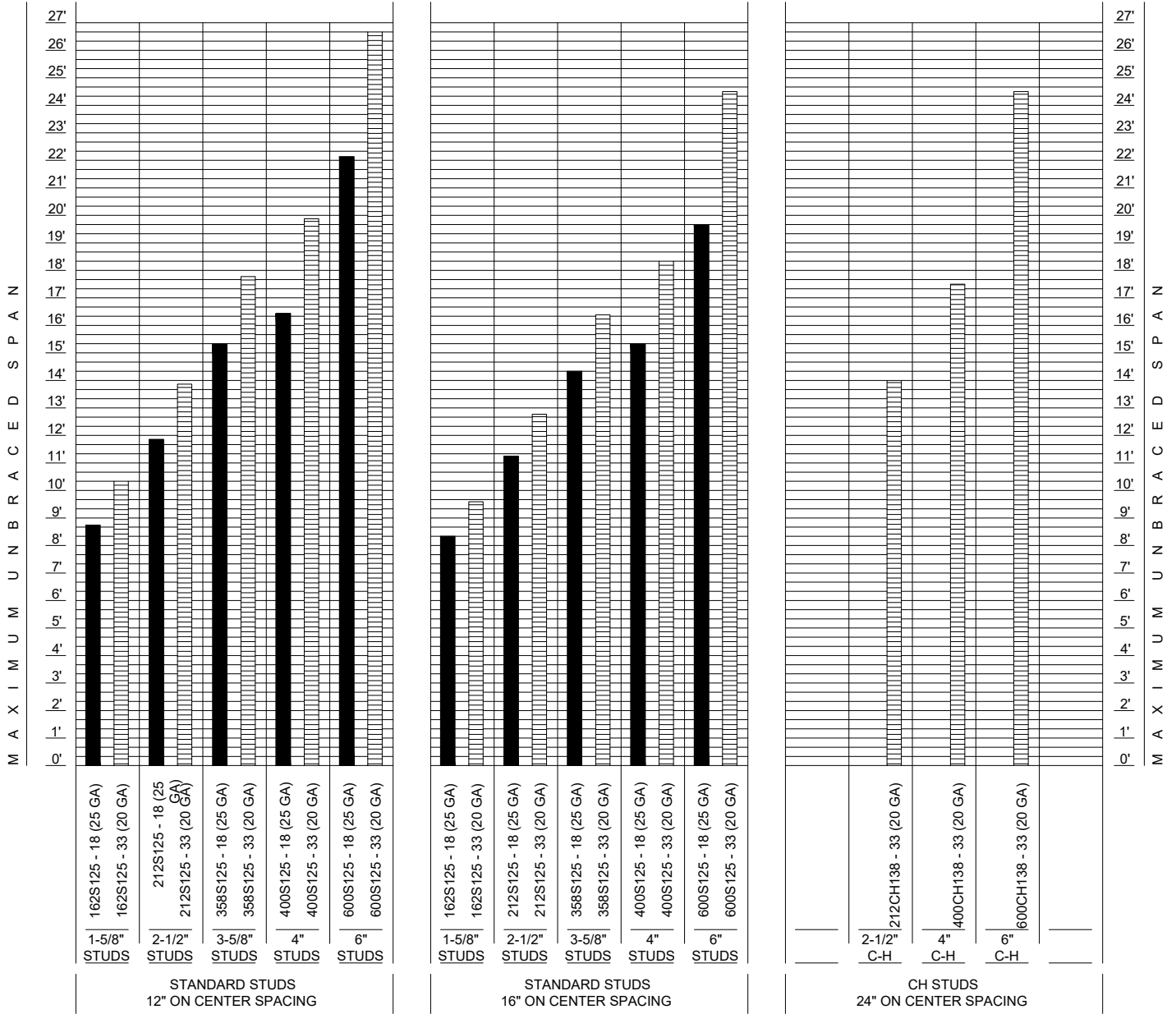


INTERIOR PARTITION METAL STUD SPAN CHART FOR BRACING

INTERIOR PARTITION METAL STUD SPAN CHART

THIS DATA IS BASED ON ASTM C-754-15 STANDARD SPECIFICATION FOR INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW-ATTACHED GYPSUM PRODUCTS FOR THE PURPOSE OF LIMITING THE HEIGHTS OF UNBRACED PARTITIONS. THE USE OF THIS DATA IS SET TO MAXIMUM HEIGHT STANDARD FOR SUCH PARTITIONS.

(CALCULATED AT 5 PSF LATERAL LOAD AND L/240 DEFLECTION AND ONE LAYER OF 5/8" GYPSUM BOARD EACH SIDE OF STUD.)
FOR UNBRACED SPANS GREATER THAN 27' CONSULT ARCHITECT.



NOTES:

1. MAXIMUM UNBRACED SPAN IS DEFINED AS THE TOTAL DISTANCE BETWEEN THE TOP OF FINISHED FLOOR AND THE UNDERSIDE OF STRUCTURAL DECK OR APPROPRIATE LATERAL BRACE. SEE LATERAL BRACING DIAGRAM.
2. THESE SPANS ARE CALCULATED FOR ONE LAYER OF GYPSUM BOARD ON EACH SIDE OF A METAL STUD PARTITION. THESE MAXIMUM UNBRACED SPANS MUST BE REDUCED BY 2'-0" IF ONLY ONE SIDE OF 5/8" GYPSUM BOARD IS USED.
3. SUSPENDED CEILINGS OF ANY KIND ARE NOT TO BE CONSIDERED APPROPRIATE LATERAL BRACING FOR ANY PARTITION CONSTRUCTION AND SHALL REDUCE THE MEASUREMENT OF UNBRACED SPAN.
4. IN NO CASE SHALL THE MAXIMUM UNBRACED SPANS EXCEED THE REQUIREMENTS OF ASTM C-754.



INT. PARTITION METAL STUD SPAN CHART FOR BRACING

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SCALE : 1" = 1'-0"