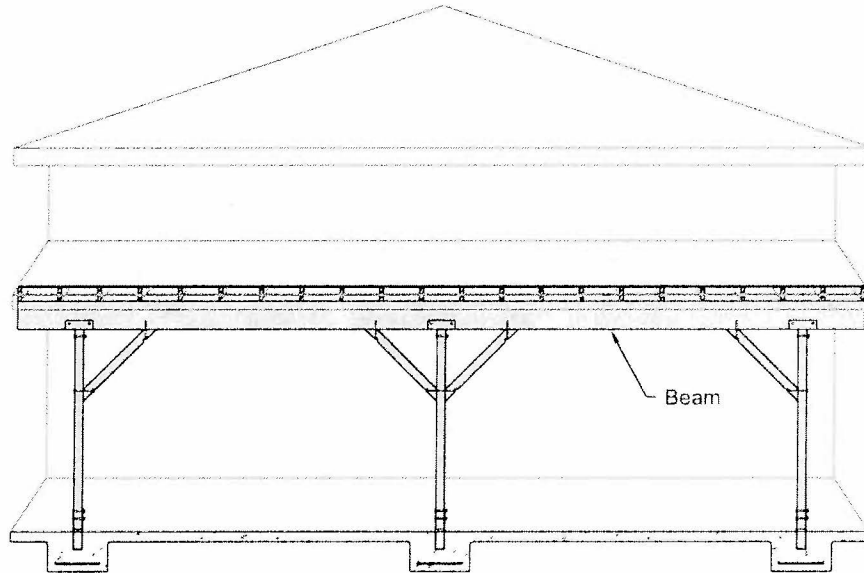
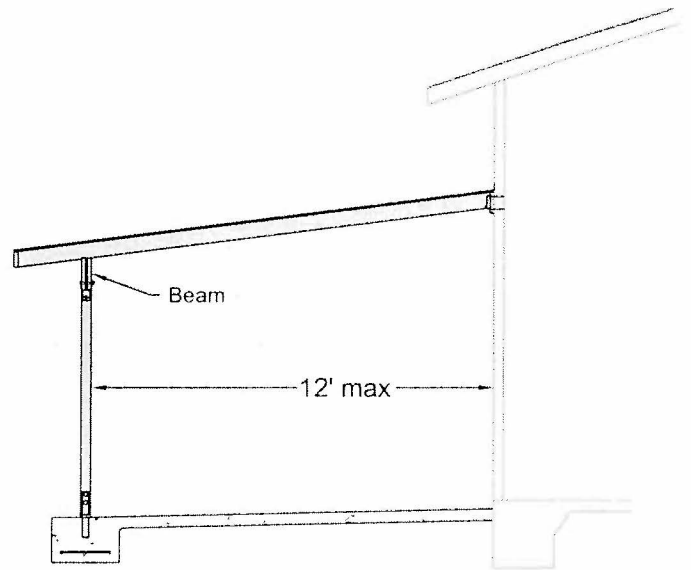


Beam size (Inches)	Maximum allowable span (Feet-Inches)
(2) - 2x4	6'-3"
(2) - 2x6	9'-3"
(2) - 2x8	11'-9"
(2) - 2x10	13'-9"
(2) - 2x12	16'-3"
(3) - 2x10	16'-9"
(3) - 2x12	19'-6"
3 1/2 x 11 Glu-Lam Beam (20F-V2)	22'-6"



Notes:

1. Live Load = 10 psf, per Appendix H of 2006 IRC.
2. Use # 2 S.Y.P. or higher grade.
3. Minimum bearing required = 3" (2 studs).
4. Max. length of joists supported by beam = 12'
5. Refer to drawing no. 08R03-1 and 08R03-2 for patio cover details.



STANDARD DRAWING

CITY OF HOUSTON
DEPARTMENT OF PUBLIC
WORKS & ENGINEERING

RESIDENTIAL BEAM SUPPORTING
A 12' WIDE PATIO COVER

1002 WASHINGTON AVE., HOUSTON, TEXAS 77002

APPROVED BY:	<i>Yan J. [Signature]</i>	
BUILDING OFFICIAL	[Signature]	
APPROVED BY:	[Signature]	
CITY ENGINEER	[Signature]	
DATE: 8 / 30 / 13	DWG NO: 13-06-R	1 OF 1