



- Lumber: # 2 southern yellow pine or equivalent.
- Steel Plate: Single piece, hot rolled, with a minimum yield strength of 36,000 psi.

Beam span (feet)		12	13	14	15	16	17	18	19	20
Maximum supported span perpendicular to the beam (ft)	Supporting roof only	37	31	27	23	20	17	15	14	12
	Supporting floor only	22	19	16	14	12	10	9	8	7
	Supporting floor & roof	13	11	9	8	7	6	5	4	4
Number of jack studs required		3	3	3	3	2	2	2	2	2

**CITY OF HOUSTON**  
Department of Public Works and Engineering

**Fitch Plate Beam**

Approved by: <i>[Signature]</i> Building Official	Approved by: <i>[Signature]</i> City Engineer	
Revision Date: 7-22-13	Dwg No: 12-07-R (Revision 1)	1 of 1