



HARRIS COUNTY FIRE FLOW CALCULATOR



This is a electronic form please fill out all required fields before printing.

P R O J E C T	Name: _____ BLDG PROJECT #: _____											
	Address: _____ Building: _____ Suite: _____											
	City: _____ State: _____ Zip code _____ Key Map: _____											
	HCAD #: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>											

<input type="checkbox"/> Dry hydrant with fire pond <input type="checkbox"/> Fire water stored in above ground tank
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F I R E D E P T	Responding Fire Department: <input style="width: 400px; height: 20px;" type="text"/>
	Address: _____ Station # _____
	City: _____ State: _____ Zip: _____

B L D G	Building's total square footage	Average height of the building in feet.	Total cubic feet of the building
	_____	_____	_____

C A L S	Exposed hazard	Occupancy classification per IBC 2006	Construction classification per IBC 2006
	_____	_____	_____

F I N A L	A GREEN BOX indicates Fire department water is sufficient.	_____	A RED BOX indicates Fire department water is NOT sufficient.
	Gallons		

Construction Classification per the International Building Code 2006

Type I and II construction are those types of construction in which the building elements listed in Table 601 are of noncombustible materials, except as permitted in Section 603 and elsewhere in this code.

Type III construction is that type of construction in which the exterior walls are of noncombustible materials and the interior building elements are of any material permitted by this code. Fire-retardant-treated wood framing complying with Section 2303.2 shall be permitted within exterior wall assemblies of a 2-hour rating or less.

Type IV construction (Heavy Timber, HT) is that type of construction in which the exterior walls are of noncombustible materials and the interior building elements are of solid or laminated wood without concealed spaces. The details of Type IV construction shall comply with the provisions of this section. Fire-retardant-treated wood framing complying with Section 2303.2 shall be permitted within exterior wall assemblies with a 2-hour rating or less. Minimum solid sawn nominal dimensions are required for structures built using Type IV construction (HT). For glued-laminated members the equivalent netfinished width and depths corresponding to the minimum nominal width and depths of solid sawn lumber are required as specified in Table 602.4.

Type V construction is that type of construction in which the structural elements, exterior walls and interior walls are of any materials permitted by this code.