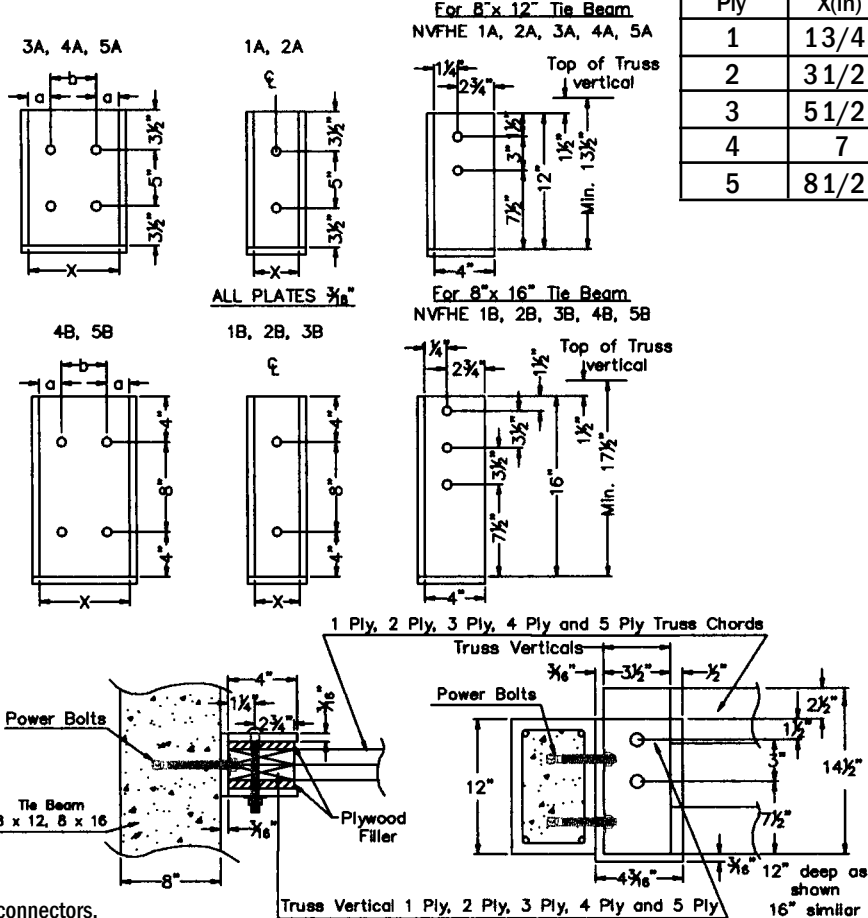
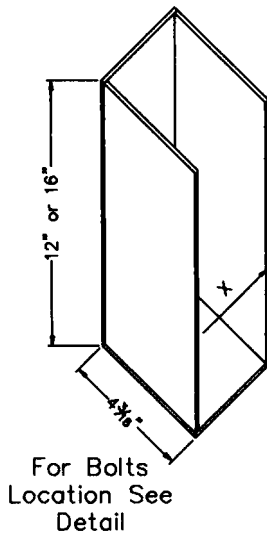


Wood to Concrete Truss Hanger NVFHE

Concrete Strength (psi)	Carried Truss	Allowable Loads (lbs.) (Power Fasteners)									
		12" High					16" High				
		1 Ply NVFHE1A	2 Ply NVFHE2A	3 Ply NVFHE3A	4 Ply NVFHE4A	5 Ply NVFHE5A	1 Ply NVFHE1B	2 Ply NVFHE2B	3 Ply NVFHE3B	4 Ply NVFHE4B	5 Ply NVFHE5B
2000	Gravity	4550	4550	7300	7300	7300	7000	7000	7000	10373	10373
	Uplift	4550	4550	7400	8900	9100	7000	7000	7000	11450	12225
2500	Gravity	4725	4725	7300	7300	7300	7275	7275	7275	10373	10373
	Uplift	4725	4725	7700	9250	9450	7275	7275	7275	11725	12712
3000	Gravity	4900	4900	7300	7300	7300	7550	7550	7550	10373	10373
	Uplift	4900	4900	8000	9600	9800	7550	7550	7550	12000	13200

Carried Truss	a (in)	b (in)
3A	11/4"	3
4A, 4B	11/8"	43/4"
5A, 5B	11/4"	6

Isometric for all NVFHE Connectors



Structural Notes: Wood to concrete and wood to wood connectors.

- All design conforms to 2014 FBC and 2015/2012 IBC and IRC AND NDS 2012.
- 3/16" thick Structural steel shall conform to ASTM A36, yield strength 36000 psi. All bolt holes are 13/16" diameter.
- All welding shall be minimum 3/16" with E70 electrodes and shall conform to latest AISC/AWS codes. All welds shall be fillet welds.
- All Power Fasteners wedge bolt anchors shall be per manufacturer's published information. Minimum anchor diameter is 3/4" and anchor embedment shall be 6".
- Uplift values in concrete shown are reduced for bolt spacing and edge distance. Power fasteners are used without 33% increase in allowable values.
- All bolt values in wood conform to NDS for southern pine, G=0.55. Values for other species shall be adjusted as per NDS.
- Bolts shall not penetrate Truss top and bottom chords and shall only be through Truss Verticals.
- This connector shall only be used for wood members loaded parallel to grain.
- Steel stress is not increased by 33%.
- Provide plywood shims to close the gap between carried truss and steel connectors to prevent bending of bolts.
- All products are painted Royal Blue for easy identification

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