



Sales@contractorsteelsystems.com

Product Submittal Data

Job Information

Company Name: PKM Coding
Phone Number: 607-206-3505
Email: peterkmorrison@gmail.com
Fax Number: 34234234

GC: sdfasdfsadf
Phone Number: 234234234

Contractor: dfasdfsadfsdf
Phone Number: 4234234

Architect: asdfsdfsdf
Phone Number: 3423423423

Date:

02/25/2019

Additional Information:

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Contractor Steel Systems

1470 Dale Ct
Austel, GA 30168
Phone: 919.880.5875

Contractor Steel Systems – Product Submittal Data

Product Name: 4" 18 GA Flat Strap – 400FS-43

Properties:

Web (in): 4"

Design Thickness: 0.0451

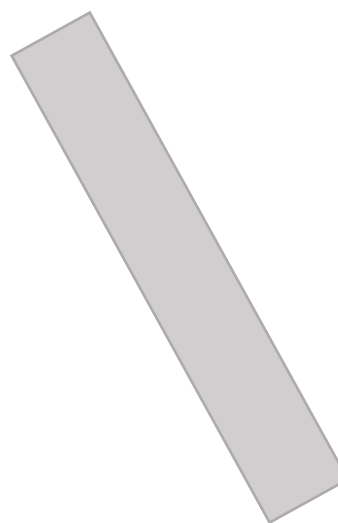
Min. Thickness: 0.0428

Gauge: 18

Finish: G60

Yield Strength Fy (KSI): 33

Flat Strap



Section Properties:

Gross Section Properties:

Weight of Member: (lb/ft)

0.613

Codes & Standards

- Meets or tested to: ASTM C 955
- Galvanized steel sheet meets ASTM A 1003 & A653

Green Info

- LEED v3 & LEED v4 credits available
- Contact Technical Services for more information

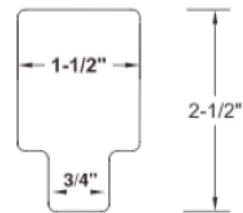
Contractor Steel Systems – Product Submittal Data

Product Name: 400S125-30

Properties:

A. Web (in): 4"	Yield Strength F_y (KSI): 33
B. Flange (in): 1 1/4"	Design Thickness: 0.0312
C. Lip (in): 1/4"	Min. Thickness: 0.0296
Mils: 30	Gauge: 20
Finish: G40	

Punch-Out Dimensions



Section Properties:

Gross Section Properties:

Weight of Member: (lb/ft)	0.700
Cross Sectional Area: A (in ²)	0.206
Moment of Inertia: I_x (in ⁴)	0.481
Radius of Gyration: R_x (in)	1.529
Gross Moment of Inertia: I_y (in ⁴)	0.034
Gross Radius of Gyration: R_y (in)	0.408

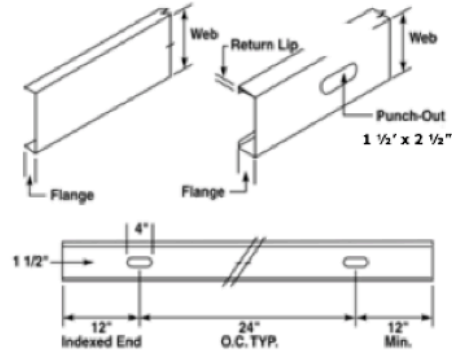
Effective Section Properties:

Moment of Inertia-Deflection: I_x (in ⁴)	0.474
Section Modulus: S_x (in ³)	0.174

Moments:

Allowable Bending Moment: Ma (in-k)	3.440
--	-------

Framing Components



Codes & Standards

- Meets or tested to: ASTM C 645
- Galvanized steel sheet meets ASTM A 1003 & A653

Green Info

- LEED v3 & LEED v4 credits available
- Contact Technical Services for more information

Contractor Steel Systems – Product Submittal Data

Product Name: 400T200-30

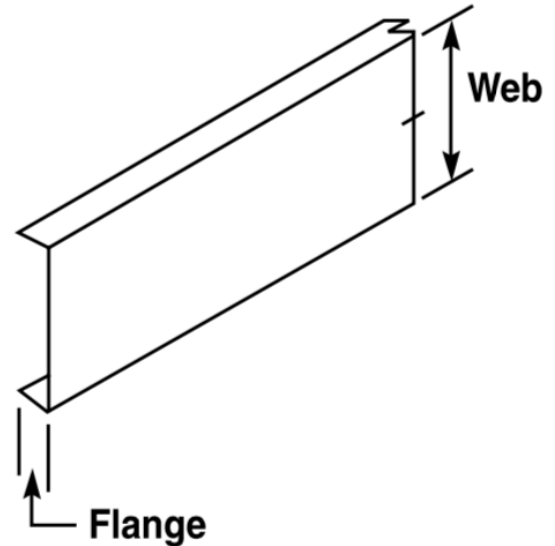
Properties:

A. Web (in): 4"	Yield Strength Fy (KSI): 33
B. Flange (in): 2"	Design Thickness: 0.0312
Mils: 30	Min. Thickness: 0.0296
Finish: G40	Gauge: 20

Section Properties:

Gross Section Properties:

Weight of Member: (lb/ft)	0.850
Cross Sectional Area: A (in ²)	0.250
Moment of Inertia: I_x (in ⁴)	0.696
Radius of Gyration: R_x (in)	1.670
Gross Moment of Inertia: I_y (in ⁴)	0.102
Gross Radius of Gyration: R_y (in)	0.639



Torsional Properties:

Shear Center to Centroid on Principal X-axis: X_o (in)	-1.243
St. Venant Torsional Constant: Jx10³ (in ⁴)	0.081
Torsional Warping Constant: C_w (in ⁶)	0.305
Radius of Gyration on the Centroid Principal axis: R_o (in)	2.178
Torsional Flexural Constant: β=1-(x_o/R_o)²	0.674

Codes & Standards

- Meets or tested to: ASTM C 654
- Galvanized steel sheet meets ASTM A 1003 & A653

Green Info

- LEED v3 & LEED v4 credits available
- Contact Technical Services for more information

Contractor Steel Systems – Product Submittal Data

Product Name: 400S162-33

Properties:

A. Web (in): 4" Yield Strength F_y (KSI): 33
 B. Flange (in): 1 5/8" Design Thickness: 0.0346
 C. Lip (in): 1/4" Min. Thickness: 0.0329
 Mils: 33 Gauge: 20
 Finish: G40

Section Properties:

Gross Section Properties:

Weight of Member: (lb/ft) 0.940
 Cross Sectional Area: **A** (in²) 0.275
 Moment of Inertia: **I_x** (in⁴) 0.692
 Radius of Gyration: **R_x** (in) 1.586
 Gross Moment of Inertia: **I_y** (in⁴) 0.103
 Gross Radius of Gyration: **R_y** (in) 0.611

Effective Section Properties:

Moment of Inertia-Deflection: **I_x** (in⁴) 0.692
 Section Modulus: **S_x** (in³) 0.299

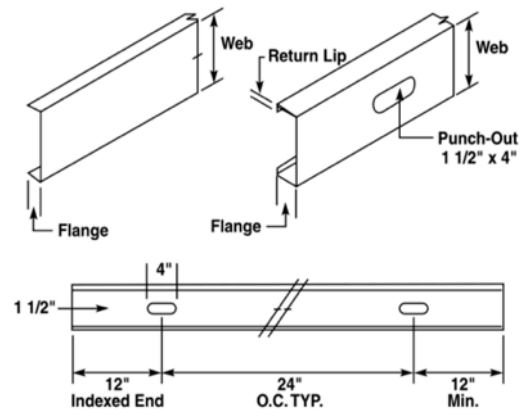
Moments:

Allowable Bending Moment: **Ma** (in-k) 5.91

Punch-Out Dimensions



Framing Components



Limiting Heights – Composite (ft-in)

Spacing (in)	5 psf			10 psf			15 psf		
	L/120	L/240	L360	L/120	L240	L/360	L/120	L/240	L/360
12	28' 1"	23' 6"	20' 6"	19' 10"	18' 8"	16' 3"	16' 2"	16' 2"	14' 3"
16	24' 4"	21' 4"	18' 8"	17' 2"	16' 11"	14' 10"	14' 0"	14' 0"	12' 11"
24	19' 10"	18' 8"	16' 3"	14' 0"	14' 0"	12' 11"	11' 5" e	11' 5" e	11' 4" e

Codes & Standards

- Meets or tested to: ASTM C 955
- Galvanized steel sheet meets ASTM A 1003 & A653

Green Info

- LEED v3 & LEED v4 credits available
- Contact Technical Services for more information