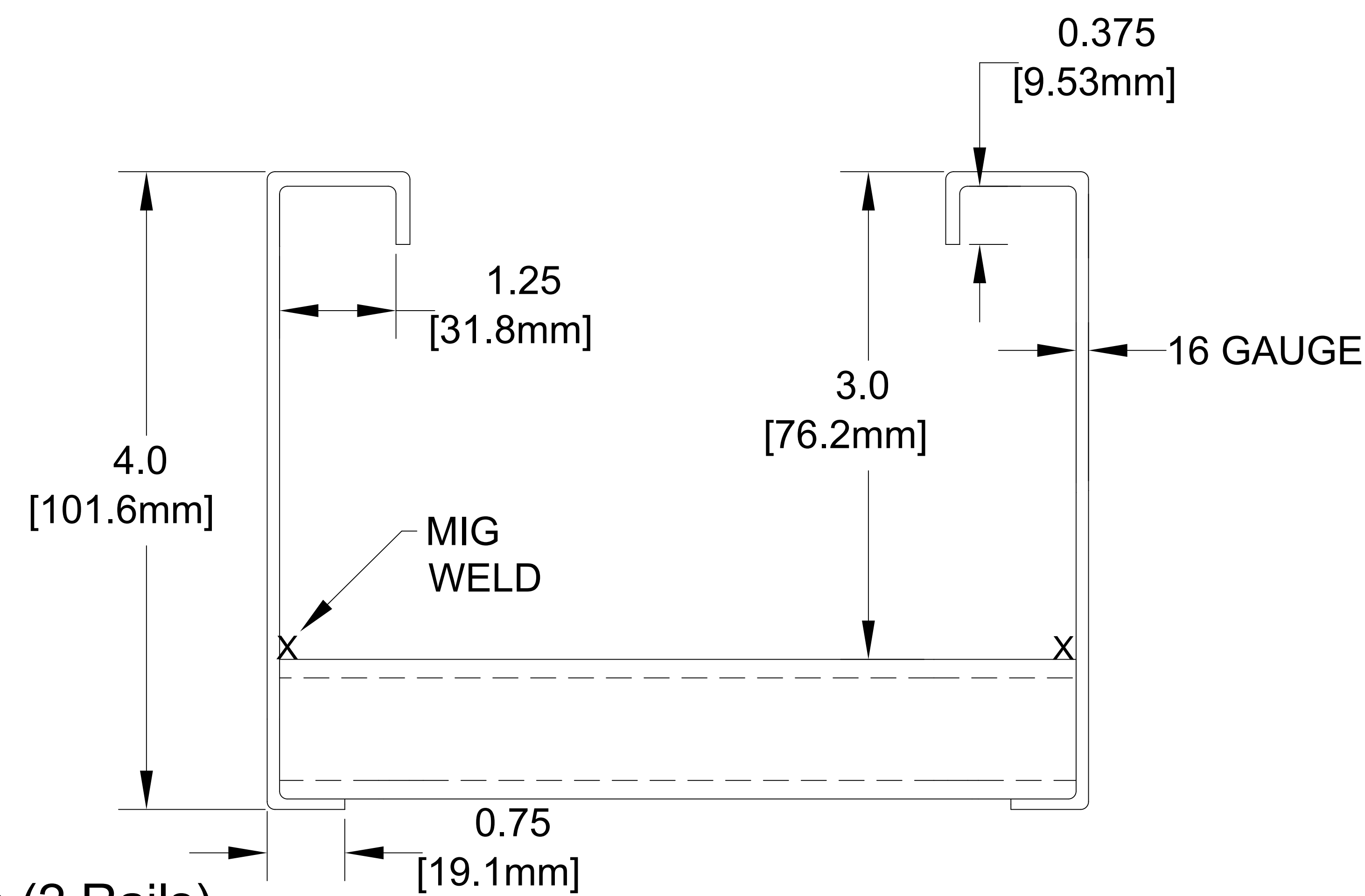


# 346 STEEL CABLE TRAY --NEMA 16A, 12C



Data (2 Rails)  
 $I_x = 1.81 \text{ in.}^4$   
 200 AMPS

$S_x = 1.00 \text{ in.}^3$  EGC =

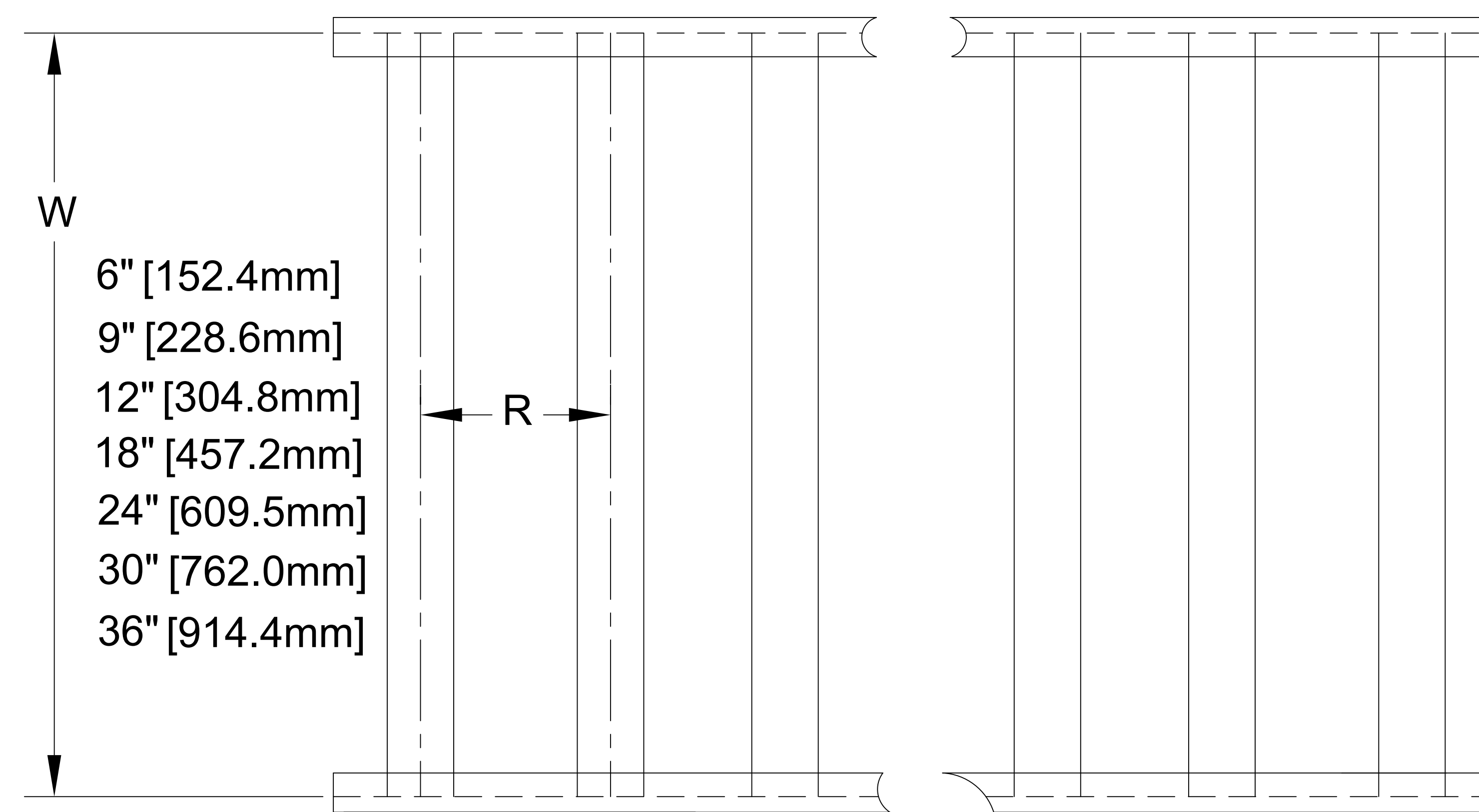
Allowable Loads - Simple Beam Loads Data - ( Factor of safety - 1.5 )

Span	feet	8	10	12	14	16	18	20
	meters	2.44	3.05	3.66	4.27	4.88	5.49	6.10
Load	lbs/ft	271	171	107	85	64	44	36
	kg/m	403.2	254.4	159.2	126.5	95.2	65.5	53.6
Deflect.	in.	0.490	0.75	0.97	1.43	1.83	1.91	2.39
	mm.	12.4	19.1	24.6	36.3	46.5	48.5	60.7
** K-factor		.0018	.0044	.0091	.0168	.0286	.0434	.0664

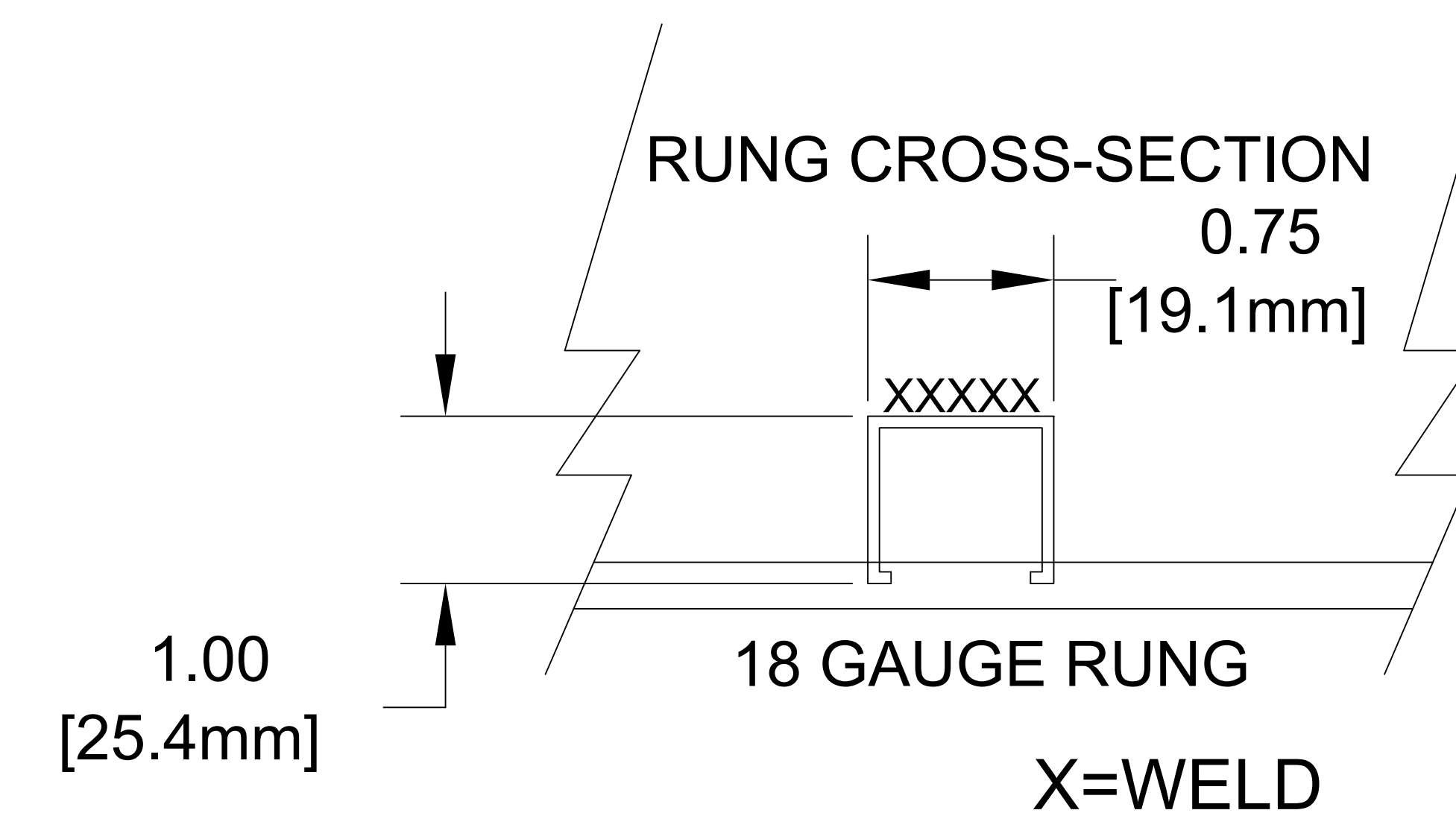
\*\* K x W may be used to calculate deflection of lighter loads at indicated spans above

Furnished with 4 Hole Splice Plate (pair) and 8, 9TBN302 3/8" Round Head serrated bolt & integral washer nut assemblies.

AVAILABLE IN 12' AND 24' LENGTHS



R=6" [152.4mm] RUNG SPACING  
 R=9" [228.6mm] RUNG SPACING  
 R=12" [304.8mm] RUNG SPACING  
 R=18" [457.2mm] RUNG SPACING



Notes: 1. Sheet Metal tolerances 2. Unless noted all dimensions are in inches.

**Material:**  
 S = Pre Gal Steel  
 G = HDGAF  
 T = 304 SS Steel  
 Z = 316 SS Steel

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**Chalfant Cleveland, OH** Tel. 216-521-7922 Fax 216-521-9922

SIZE <b>A</b>	FSCM NO.	DWG NO. <b>346* "W" 010-"R"</b>	REV
SCALE	SHEET		