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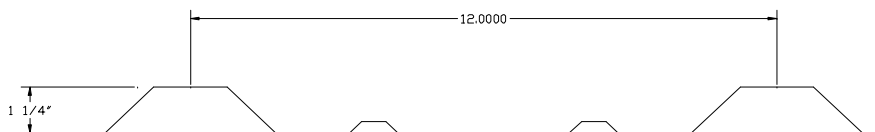
Project: WESTERN STATES DECKING

Project #: F-033106-9

PBR Panel (26 ga, Grade 80)

Section Properties

Gauge	Fy	Weight	Top in Compression		Bottom in Compression	
			Ix (in ⁴ /ft)	Sx (in ³ /ft)	Ix (in ⁴ /ft)	Sx (in ³ /ft)
26 ga (0.018")	80.0 ksi	.90 psf	0.0398 in ⁴	0.0400 in ⁴	0.0320 in ⁴	0.0560 in ⁴



Allowable Uniform Load (psf)

Span	Loading	Span "L" (ft)					
		3.0 ft	4.0 ft	5.0 ft	6.0 ft	7.0 ft	8.0 ft
Single	Static Live Load ^{3,4}	106 psf	60 psf	38 psf	26 psf	19 psf	15 psf
	Wind Uplift ²	123 psf	69 psf	44 psf	30 psf	22 psf	17 psf
	Deflection (L/240)	96 psf	40 psf	20 psf	12 psf	7 psf	5 psf
Double	Static Live Load ^{3,4}	114 psf	63 psf	40 psf	30 psf	22 psf	17 psf
	Wind Uplift ²	101 psf	58 psf	37 psf	28 psf	19 psf	14 psf
	Deflection (L/240)	210 psf	80 psf	45 psf	26 psf	16 psf	11 psf
Triple	Static Live Load ^{3,4}	139 psf	77 psf	53 psf	37 psf	27 psf	21 psf
	Wind Uplift ²	123 psf	71 psf	48 psf	32 psf	24 psf	18 psf
	Deflection (L/240)	165 psf	69 psf	34 psf	20 psf	12 psf	8 psf

Notes

- 1) Allowable loads based on uniform loading on equal deck spans
- 2) Wind load allowable have not been increased by 33.33%
- 3) Live load rating is equivalent to allowable snow loads
- 4) Weight of the panels has been deducted from the allowable loads