



TITLE RAIL-ASCE-85LB		UNITS INCH	SCALE 1:1	DRAWN JMS	DATE 5/24/2021
RAIL		ANGLE BAR		CROSS SECTION	
SECTION #	8540	STD LENGTH	20"	AREA IN ²	8.33
STD LENGTH	39'	LBS / PAIR	41.3	SEC. MODULUS HEAD IN ³	11.08
STD DRILLING	2-1/2" x 5" w/ 1-1/8" HOLE	PAIRS / NET TON	1.8	SEC. MODULUS BASE IN ³	12.17
CLIP No.	103,106	PAIRS / TRACK MILE	270.0	MOM. INERTIA IN ⁴	30.07
TRACK FT / NET TON	35.3	BHON TRACK BOLT	7/8" x 5"	ALL WEIGHTS BASED ON THEORETICAL VALUES	
NET TONS / TRACK MILE	149.6	LBS / BOLT, LW & NUT	1.4		