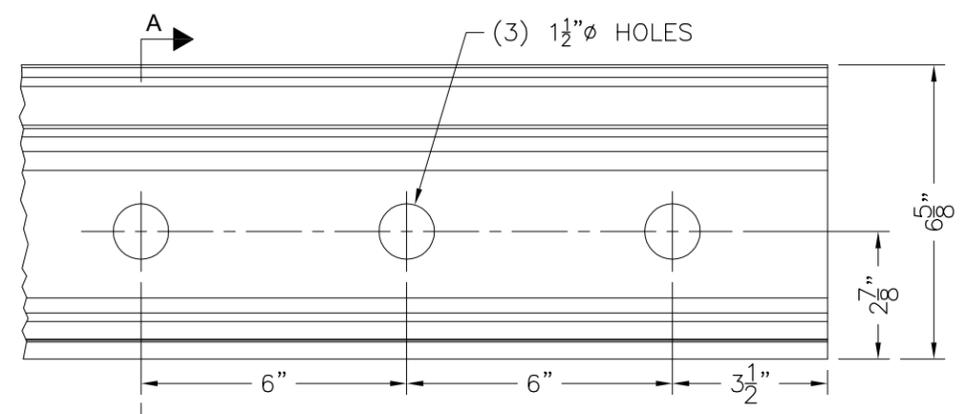


SECTION A-A
FULL SIZE

MATHEMATICAL PROPERTIES	
AREA: HEAD	3.91 SQ. IN. = 34.8%
WEB	3.05 SQ. IN. = 27.1%
BASE	4.29 SQ. IN. = 38.1%
TOTAL	11.25 SQ. IN. = 100.0%
WEIGHT PER YARD	= 114.7 LBS.
MOMENT OF INERTIA	= 65.6
SECTION MODULUS, HEAD	= 18.0
SECTION MODULUS, BASE	= 22.0
RATIO, M.I. TO AREA	= 5.83:1
RATIO, S.M. TO AREA	= 1.6:1
RATIO, HEIGHT TO BASE	= 1.2:1



SIDE VIEW
SCALE: 3" = 1'-0"

 ALASKA RAILROAD CORPORATION OFFICE OF THE CHIEF ENGINEER P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500 (907) 265-2456	
STANDARD 115 LB. RE RAIL SECTION	
APPROVED:	DATE:
DESIGNED BY:	SCALE: AS NOTED
DRAWN BY: BBF	DATE: 5/02
APPROVED BY: ENG DEPT	3.1