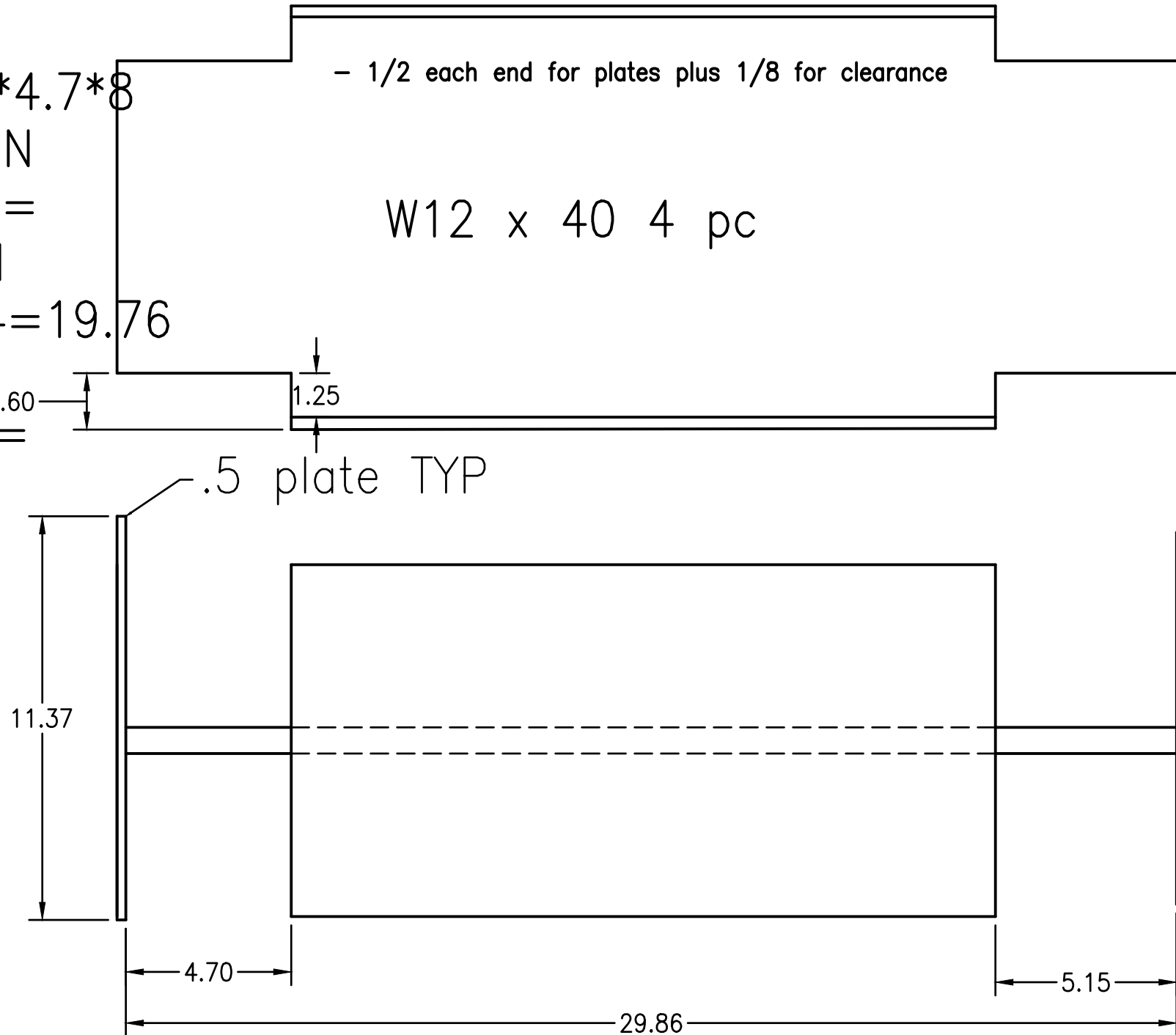


NOTCH .44*4.7*8
 16.82 CU IN
 1.25*.5*4.7=
 2.94 CU IN
 16.82+2.94=19.76
 19.76*2=
 39.52*.283=
 11.18 LB

- 1/2 each end for plates plus 1/8 for clearance

W12 x 40 4 pc




.5 plate TYP

NOTCH

.44*5.15*8=18.128
 1.25*.5*5.15=3.22
 21.4 CU IN* .283
 6.05 LB *2
 12.1 LBS

BEAM 29.86/12=2.49'
 2.49*40=99.6 LBS
 99.6 LBS*\$0.83=\$81.23

99.6-11.18-12.1
 76.32 TOTAL WEIGHT
 EACH PC

				DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED	 Milwaukee Area Technical College 700 West State Street Milwaukee, WI 53214	NAME	DATE	CAD FILE NO.
REV	DATE	DESCRIPTION	NAME	X.X ±0.03 X.XX ±0.015 X.XXX ±0.005 ANGLES ±1/2°		DWN: PFS	8/31/05	PROJECT: WELDTC-107
MATERIAL:						DES:		TITLE
STOCK SIZE:						CHK:		12 X 40 Beam
HEAT TREATMENT:						PLOTTED:		45 angle parts
						SCALE 1:1	SHEET SIZE B	SHEET NO. 1 OF 1
								DWG.No. 102-1002