



A

DRAWN		PA DEPARTMENT OF TRANSPORTATION				A	
LWB	1/6/2023	TITLE CURB BUMPERS - LEFT AND RIGHT FOR SNOW PLOWS TYPE 731					
CHECKED							
QA							
MFG							
APPROVED							
		SIZE		DWG NO		REV	
		A		EQN-49			
		SCALE		SHEET 1 OF 1			

2

4

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2

1

TOP VIEW - LEFT SIDE

R1.75"

4.75"

DRAWINGS ON PAGE 1 AND ABOVE REPRESENT THE LEFT SIDE. FOR RIGHT SIDE, REVERSE ALL DIMENSIONS

RIGHT BEND

LEFT BEND

NOTES:

- A. DESIGN SHALL INCORPORATE A 0.25" X 1.5" CARBON STEEL FLAT STOCK RUNNING THE FULL LENGTH OF THE FRONT OF THE CUTTING EDGE. IT SHALL BE WELDED TO TOP FRONT SURFACE OF GUARD WITH 0.25" CONTINUOUS FILLET WELD AND COMPLETELY FUSED TO WELD OVERLAY. CHROME CARBIDE WELD DEPOSIT ENTIRE WIDTH AND A MINIMUM OF 0.625" THICK.
- B. ALTERNATIVE DESIGN: TUNGSTEN CARBIDE INSERTS, CENTERED IN THE BLADE EDGE.
- C. REGARDLESS IF CHROME CARBIDE WELD OR TUNGSTEN CARBIDE IS USED, IT SHALL HAVE A MINIMUM ROCKWELL "A" HARDNESS OF _____. TUNGSTEN BRAZING MATERIAL SHEAR STRENGTH SHALL BE 30,000 PSI MIN.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. MATERIAL AISI 1060 GRADE STEEL, MINIMUM.
3. TO BE COMPATIBLE WITH PENNDOT SNOW PLOW TYPE 721 SERIES AND 731,
4. ORDER TO BE COMPLETED ONLY AFTER ACCEPTANCE OF PILOT MODEL.
5. ANY FURTHER ALTERNATIVE DESIGNS NEEDS WRITTEN APPROVAL BY THE CHIEF OF THE EQUIPMENT DIVISION.

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APPROVED	CURB BUMPERS - LEFT AND RIGHT FOR SNOW PLOWS TYPE 731					
	SIZE		DWG NO		REV	
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	SCALE		SHEET 2 OF 2			

2

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