



## Engineering Submittal Form – MX-18SA9-SA Curbed Series Strut Support

Patent # 7475513

### Certified For:

Job Name:	Customer Name:
Location:	Customer PO:

### Practical Application

The MAPA Curb Support Series provides a manufactured curb support designed as a cost-effective heavy-duty platform upon which to mount or secure equipment and piping systems. The Curb Support allows for fewer disturbances to the roof membrane by minimizing the overall flashed area of the installation. Where recommended by design under deck structural support and/or reinforcement of roof insulation should be considered. Support spacing should not exceed 10' O.C or as specified by the engineer.

### Recommended Usage:

May be utilized in areas where seismic or high wind zones are of concern and where structural design allows for system loads at attachment points. MAPA Products recommends the following Curb Support Series and accessories as an effective means by which piping and supports are positively secured directly to the roof deck.

**Composition:** Grade 304 Stainless Steel with continuously welded seams and rounded edges to prevent incidental damage to the roof surface and a 3" perimeter deck flange provides flashing to the roof deck.



Base Dimensions	27" x 15"
Upper Platform Area	6" x 18" x 1.5"
Vertical Adjustability	6" X 12"
Aluminum Strut Assembly	18" Strut
Threaded Rod Assembly	1/2" - Grade 304 SS ATR
Recommended Maximum Weight	250

- Complete with under deck attachment hardware.
- Standard distance from roof surface to bottom of pipe; available with 3" platform height.
- Pipe Strap-Available for roller supports - 1 1/4" SS pipe strap (Specify desired length.)

### Warranty:

Limited Lifetime Warranty--When installed in accordance with MAPA installation and maintenance specifications and using only MAPA materials, MAPA warrants its support bases and assemblies to be free from defect and will repair or replace product at MAPA's discretion. Rusting that is not detrimental to the integrity of the support is not warranted. Damage caused by incorrect installation, improper usage or improper maintenance is not warranted. Recovery rights shall be limited to the total sum of the amounts paid for the product by the purchaser.

### Limits of Liability:

ISIMET/MAPA liability shall be limited to costs of repair or replacement parts. Supports are not intended for usage other than those expressly described in product catalog. ISIMET/MAPA does not perform engineering design and shall not be liable for damage or injury caused by the improper use or installation of the product.

**CERTIFICATION DATA**-All Curb Support Series are designed in accordance with MSS SP-127-2001, MSS SP-69-2002 and MSS SP-58-2002. Adjustable support models are designed specifically to comply with MSS SP-127-2001 Section 4.1c for the support of single pipes 4"IPS and smaller-a maximum of 12" from bottom of pipe to roof deck. Unless specified otherwise.

QTY	Platform Height		Pipe Strap	Notes
	1.5	3.0		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>DRAWN</b>	<b>CHECKED</b>		<b>DATE</b>	<b>DWG.NO.</b>

Effective Date: January 2020

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