



Galvanized Steel Plate
12 in x 12 in x 1 in

Equipment Specification

Document No.: 4752.256

Item No.: 002-82855

Originating Dept: Transmission Eng.

	Document Title: Galvanized Steel Plate 12 in x 12 in x 1 in		
	Document Type: Equipment Specification	Document No.: 4752.256	
Department: Transmission Engineering	Version: 01	Issue Date: 5/03/2022	Effective Date: 5/03/2022

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Management Approval	
<p>Heriberto González Section Manager, Standards</p> <p>Darrell Wilvers Director, Asset Management</p>	Signature and Date <u>Heriberto Gonzalez (Jun 28, 2022 18:15 EDT)</u>
	Signature and Date

Version History					
Version	Date	Revision Comments	Author	Reviewers	Approver
00	February 09, 2022		Emmanuel E. Rivera	Rene Maldonado	Walter Carrasquillo
01	May 3, 2022	General revision for final approval	Emmanuel E. Rivera	Rene Maldonado Oscar Venegas	Walter Carrasquillo



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1. General

- 1.1. This specification describes the minimum requirements of Galvanized Steel Plate to be used in the anchor system for 38 kV transmission lines
- 1.2. The steel plate shall be designed, rated, manufactured, and tested in accordance with the latest applicable ANSI and ASTM Standards¹. If the Vendor does not demonstrate its compliance with the applicable standards, these specification requirements and supply the requested documents, the bid may be rejected.
- 1.3. The Vendor shall provide LUMA Energy with a list of recommended spare parts, tools, and service equipment, including prices.

2. Specific Name

- 2.1. Galvanized Steel Plate 12 in. x 12 in x 1 in.

3. Basic Use

- 3.1. Mechanical support of anchor rod on 3 ft concrete dome anchors.

4. Special Requirements

- 4.1. Samples shall be furnished if requested by LUMA.
- 4.2. LUMA may require one (1) unit properly labeled for testing and analysis.
- 4.3. Descriptive and technical literature shall be supplied if requested by LUMA.
- 4.4. With respect to products described in this specification as requiring qualification, awards will be made only for such products that have been tested and/or approved by LUMA prior to the bid opening.
- 4.5. Vendors shall supply a sample for approval.
- 4.6. Vendors shall be required to show evidence of LUMA's approval of the equipment if requested.

5. Marking and packaging

- 5.1. Pallets/bundles shall be marked outside with LUMA's purchase order number and code number.
- 5.2. Vendor shall prepare material and equipment for shipment in such a manner as to facilitate handling and protection from damage. All material shall be packaged and marked in such a way that the receiving warehouse can readily identify and send in one (1) complete unit to a field location without opening crates or boxes to sort items and/or parts.

ANSI = American National Standard Institute

ASTM = American Society of Testing and Materials



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6. Labeling

- 6.1. Each unit shall be clearly marked with the installation tool to be used, either with a color coding or numbering.

7. Equal or approved equal to:

- 7.1. TBD, Catalog number – TBD

8. Number of pieces per package:

- 8.1. Pallet Quantity: 50 ea. Standard Package: 2 units.

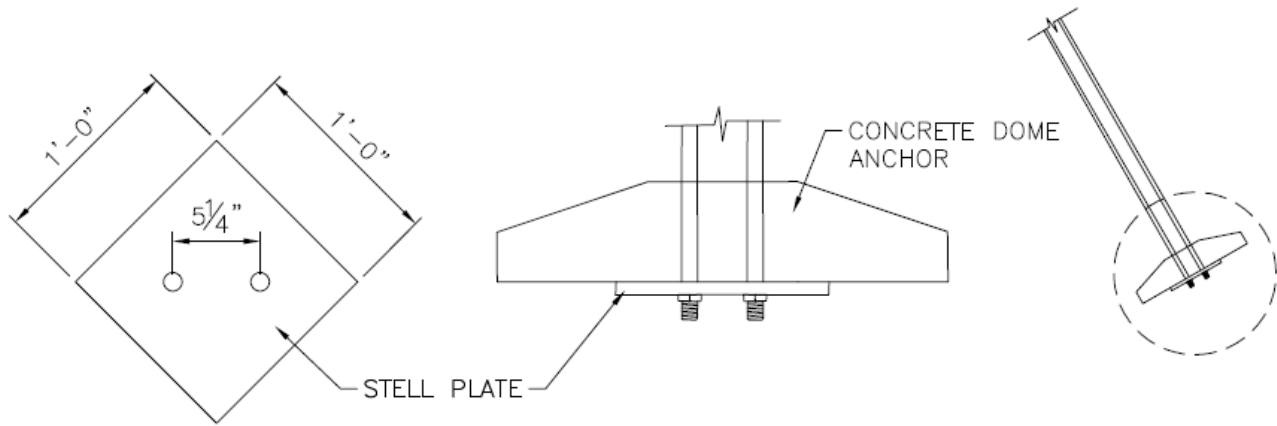
9. Description

- 9.1. The galvanized steel plate consist of 12 in (304.8 mm.) long , 12 in. (304.8 mm.) wide, 1 in (25.4 mm) thickness with two drill holes of 1¹/₈" in. diameter and 5¹/₄" in. center to center separation between them.
- 9.2. Carbon Steel shall be as per ASTM A572, Grade 50.
- 9.3. Hot-dip Galvanized steel as per ANSI/ASTM A153.
- 9.4. The steel plate shall withstand a Yield Point of 50 ksi, and a minimum Tensile Strength of 65 ksi.

10. Inspection

- 10.1. The acceptance of any material or equipment shall in no way relieve the vendor from his responsibility to meet all the requirements of this specification, and it shall not prevent subsequent rejection if such material is found to be defective later.

11. Drawing



12. Dimensions

Length	12 in
Width	12 in
Thickness	1 in

— End of Specification —











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Final Audit Report

2022-06-28


Created:	2022-06-02
By:	Emmanuel E Rivera Cruz (emmanuel.riveracruz@lumapr.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAA-33Gvvm63A_zyIrfL3N1c6iHugj9QWbW

"4752.256 Galvanized Steel Plate 12 in x 12 in x 1 in" History

-  Document created by Emmanuel E Rivera Cruz (emmanuel.riveracruz@lumapr.com)
2022-06-02 - 2:47:05 PM GMT
-  Document e-signed by Emmanuel E Rivera Cruz (emmanuel.riveracruz@lumapr.com)
Signature Date: 2022-06-02 - 2:56:19 PM GMT - Time Source: server
-  Document emailed to Rene Maldonado (rene.maldonado@lumapr.com) for signature
2022-06-02 - 2:56:21 PM GMT
-  Email viewed by Rene Maldonado (rene.maldonado@lumapr.com)
2022-06-02 - 2:56:25 PM GMT
-  Document e-signed by Rene Maldonado (rene.maldonado@lumapr.com)
Signature Date: 2022-06-03 - 2:03:27 PM GMT - Time Source: server
-  Document emailed to oscar.venegas@lumapr.com for signature
2022-06-03 - 2:03:29 PM GMT
-  Email viewed by oscar.venegas@lumapr.com
2022-06-03 - 2:03:36 PM GMT
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2022-06-12 - 2:07:49 PM GMT
-  Email viewed by oscar.venegas@lumapr.com
2022-06-24 - 9:43:21 PM GMT
-  Document e-signed by Oscar E Venegas (oscar.venegas@lumapr.com)
Signature Date: 2022-06-27 - 2:08:55 PM GMT - Time Source: server- Signature captured from device with phone number XXXXXXXX2079

 Document emailed to Walter Carrasquillo (walter.carrasquillo@lumapr.com) for signature


2022-06-27 - 2:08:57 PM GMT

 Email viewed by Walter Carrasquillo (walter.carrasquillo@lumapr.com)

2022-06-27 - 2:09:03 PM GMT

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Signature Date: 2022-06-27 - 6:13:53 PM GMT - Time Source: server

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2022-06-27 - 6:13:55 PM GMT

 Email viewed by Heriberto Gonzalez (heriberto.gonzalez@lumapr.com)

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