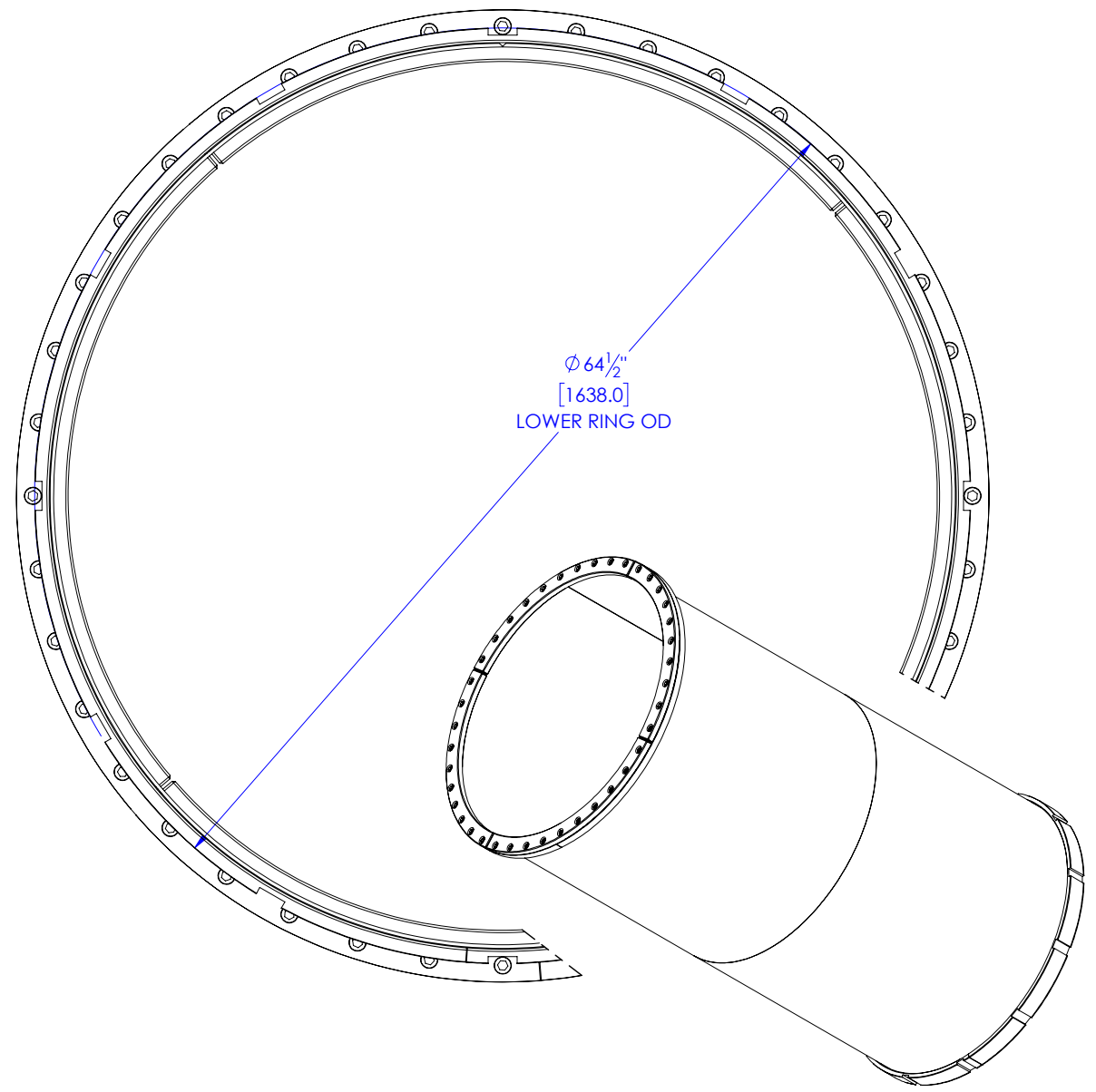


Item	Part No.	Type	Description	Qty	Remark
1			***Not Applicable for Interface***	1	
2			***Not Applicable for Interface***	1	
3			***Not Applicable for Interface***	1	
4			***Not Applicable for Interface***	1	
5	139-648	M	Chute weldment, tube V	1	
6	139-679	M	Ring, capture, split, chute V	4	
7			***Not Applicable for Interface***	4	
8			***Not Applicable for Interface***	4	
9			***Not Applicable for Interface***	4	
10	060-737-07	P	SHCS, 0.750-10x2.25, ASTM A574, zinc plated	160	
11	139-687-08	P	Nut, hex, jam, 0.750-10, gr5, zinc	160	
12	060-752-08	P	Washer, SAE, 0.750, gr5, clear zinc plated	160	



- NOTES:
- TORQUE BOLTS PER I.I. STD 0029122 UNLESS OTHERWISE SPECIFIED.
 - USE LOCTITE 262 ON ALL FASTENERS.

Interpret per ASME Y14.5-2009
 Dims are in inches [mm]
 Material substitutions must have documented engineering approval
 Tolerances unless otherwise specified:
 X.XX = ±0.015 Fractions = ±1/16
 X.XXX = ±0.005 Angles = ±0.5°
 Machined surfaces = 125 (Ra 125 µin)
 Break all sharp edges R1/64"
 Do not scale drawing
 Third angle projection

Rev	ECN#	Revision notes	Date	Drawn	Checked	Approved
A	-	Initial issue	22 Jan 19	VWR	DWC	VWR

Surface area (sqft):	1724.52	Description: Chute Set, Telescoping, for No.2 Ship Loader
Actual weight (lbs):		
Model weight (lbs):	10700.60	Drawing type: Interface
Ref #:		Sheet: 1 of 1
Status: APPROVED FOR MANUFACTURE		Part number: 139-488
Size: 11x17	Scale: 1:12	Drawing number: 0351218
		Dwg rev: A

LOGAN INDUSTRIES
 Logan Industries Intl. Corp.
 1000 Blasingame Road
 Hempstead, TX 77445 USA
 phone: +1 713-849-2979
 fax: +1 713-849-5266
 www.loganindustries.net