

NOTES:

1.

MATERIAL OF CONSTRUCTION: POLYVINYLIDENE FLOURIDE (PVDF), FLUOROCARBON (FKM) O-RINGS
2.

MAXIMUM PRESSURE: 100 PSI (6.89 BAR)
3.

MAXIMUM OPERATING TEMPERATURE: 150°F (65.56°C)
4.

RATED FLOW: 5-15 GPM (1.14-3.41 M³/HR) WITH APPROPRIATE NOZZLE
5.

EMPTY WEIGHT (DRY): APPROXIMATELY 4.5 LBS. (2 KG)
6.

WATER VOLUME: .36 GALLONS (1.36 LITERS)
7.

INLET/OUTLET CONNECTION:

1" NOMINAL DIA., ANSI B1.20.1, MALE NATIONAL PIPE THREAD (MNPT)
8.

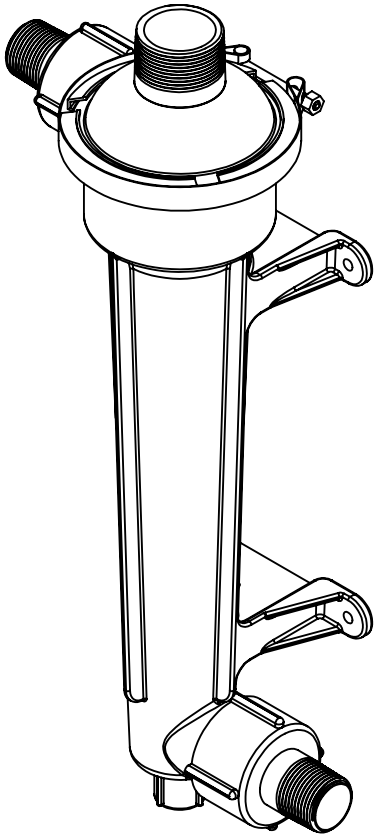
VENT CONNECTION:

1.5" NOMINAL DIA., ANSI B1.20.1, MALE NATIONAL PIPE THREAD (MNPT)
9.

HYDROTESTING MAY BE PERFORMED IN ACCORDANCE WITH MAZZEI SOP NO. 6090


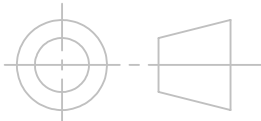
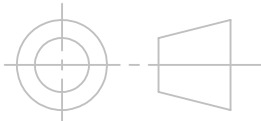
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
NC	RELEASED FOR SUBMITTAL.	3/24/2015	J. BENNETT
A	ADDED THIRD PAGE -UPDATED DIMENSION FORMAT	3/7/2016	J. BENNETT
B	CORRECTIONS TO VENT SIZING, AND SHEET 3.	4/27/2016	J. BENNETT
C	UPDATED NOTES PER JB - REMOVED 1.5" INLET/OUTLET OPTION PER NOTE 7	10/6/2021	J. BENNETT

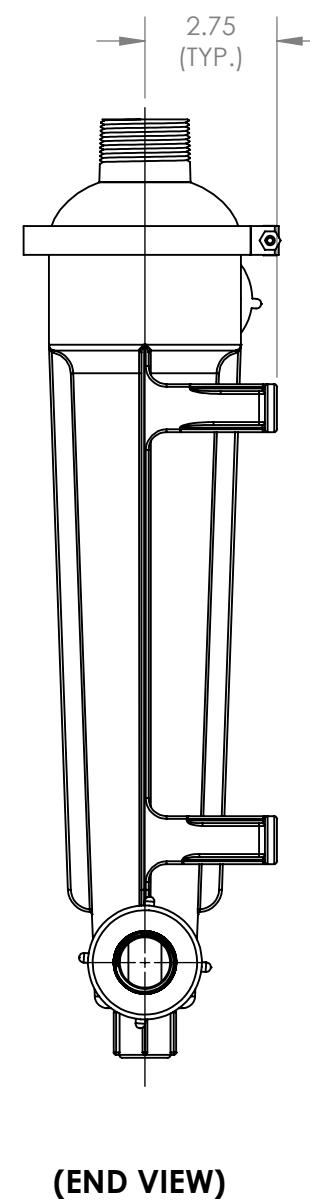
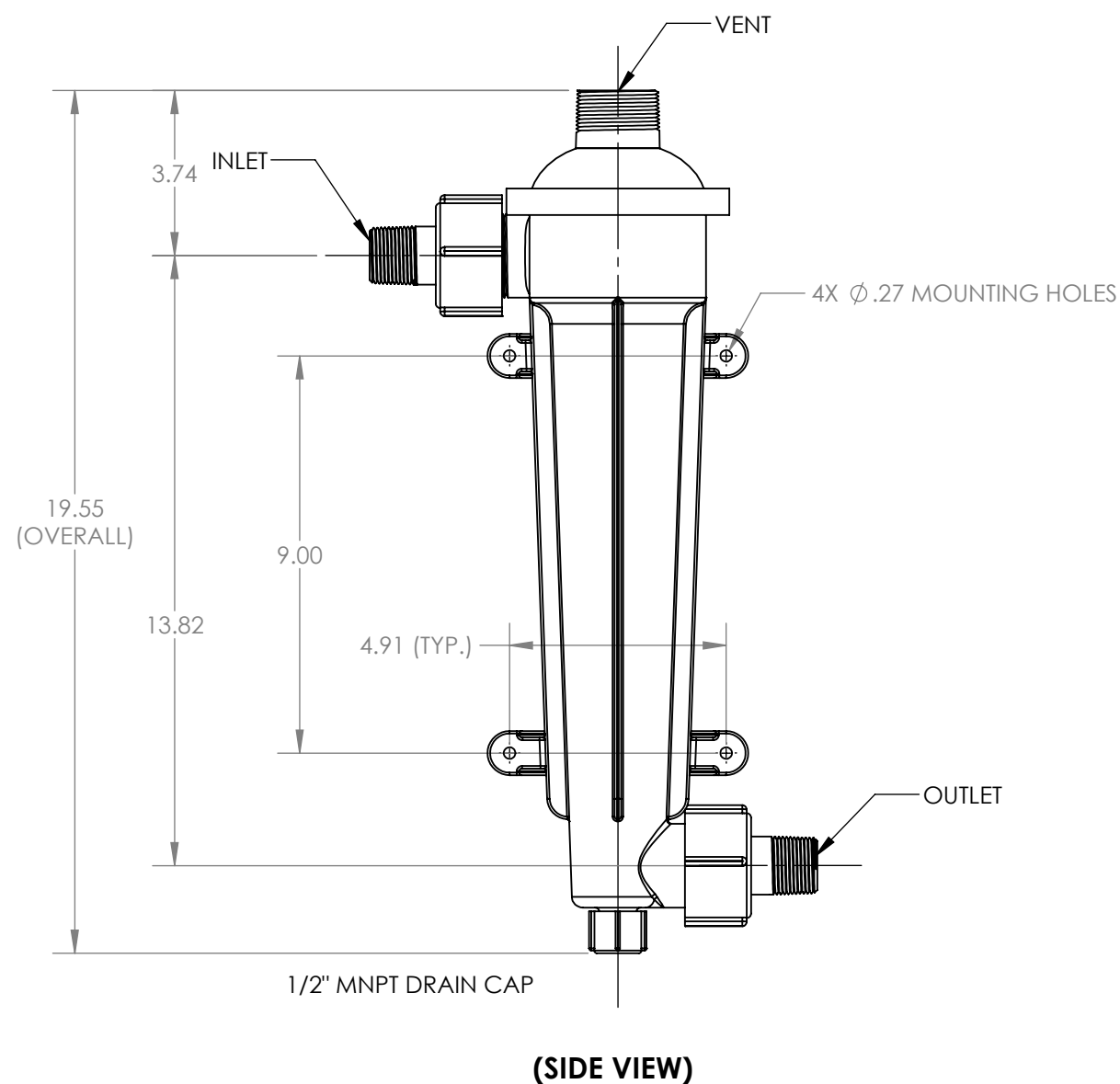
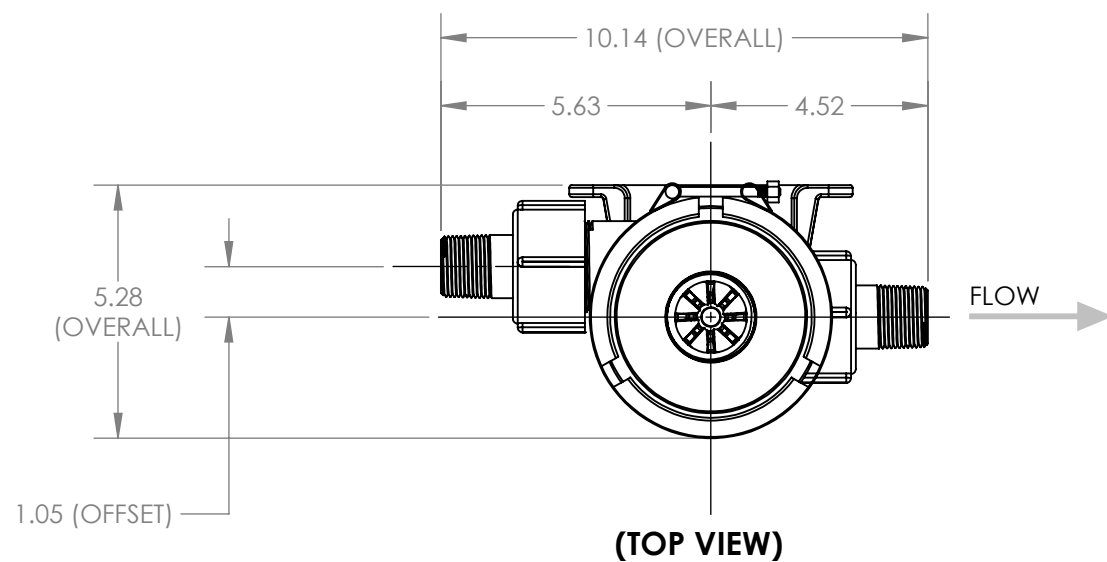
APPROVED  
RELEASED FOR SUBMITTAL




(ISOMETRIC VIEW)  
(FOR REFERENCE ONLY)

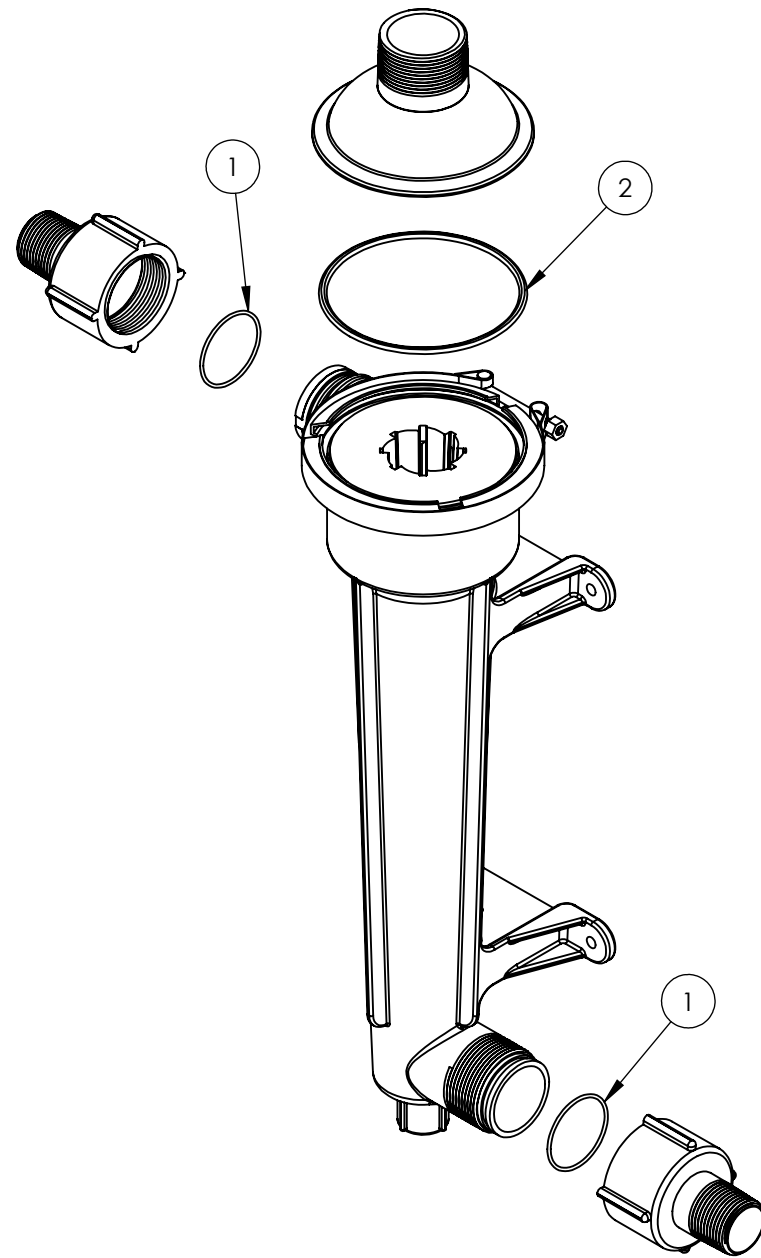
SUBMITTAL DRAWING

SUBMITTAL NOTICE		CONFIDENTIALITY NOTICE		UNLESS OTHERWISE SPECIFIED DIM ARE IN INCHES TOL ON ANGLE ± .50° 2 PL ± .06 3 PL ± .030 INTERPRET DIM AND TOL PER ASME Y14.5M-1994		APPROVALS		DATE		 <b>MAZZEI INJECTOR CO., LLC</b> 500 ROOSTER DRIVE BAKERSFIELD, CA 93307 PHONE: (661) 363-6500 FAX: (661)363-7500 WWW.MAZZEI.NET	
ANY RECOMMENDATIONS FOR PRODUCT AND/OR SYSTEM DESIGN, WHETHER CONTAINED IN A DOCUMENT, WITHIN THIS DRAWING, COMMUNICATED BY ELECTRONIC MEANS OR GIVEN VERBALLY, ARE INTENDED SOLELY AS GUIDELINES TO ACTUAL SYSTEM DESIGN. SAID RECOMMENDATIONS ARE BASED UPON INFORMATION SUPPLIED BY OTHERS, THE ACCURACY OF WHICH IS BEYOND VERIFICATION BY MAZZEI INJECTOR CO. LLC. THEREFORE MAZZEI CANNOT AND DOES NOT WARRANT THE SUITABILITY OF ITS PRODUCTS FOR A PARTICULAR SERVICE NOR THE PERFORMANCE OF ANY SYSTEM CONTAINING COMPONENTS MADE OR SOLD BY MAZZEI.		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MAZZEI INJECTOR COMPANY LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MAZZEI IS STRICTLY PROHIBITED.		THIRD ANGLE PROJECTION 		DRAWN: T. JOHNS		3/19/2015		DESCRIPTION: <b>DEGAS SEPERATOR; DS150-PVDF</b>	
						CHECKED: J. PEREZ		3/19/2015			
		APPROVED: J. BENNETT		3/24/2015							
		QA: -									
		DRAWING MAY NOT BE PRINTED FULL SIZE DO NOT SCALE				CUSTOMER APPROVAL: -				SIZE: JOB NO.: DRAWING NUMBER: REV:	
CUSTOMER: N/A						B N/A		DS-150-PVDF-SUB C			
						SCALE: NONE WEIGHT: 4.5 LBS SHEET: 1 OF 3					



**APPROVED**  
RELEASED FOR SUBMITTAL


 <b>mazzei®</b>		<b>MAZZEI INJECTOR CO., LLC</b> 500 ROOSTER DRIVE BAKERSFIELD, CA 93307 PHONE: (661) 363-6500 FAX: (661)363-7500 WWW.MAZZEI.NET	
DESCRIPTION: DEGAS SEPERATOR; DS150-PVDF			
SIZE: <b>B</b>	JOB NO.: <b>N/A</b>	DRAWING NUMBER: <b>DS-150-PVDF-SUB</b>	REV: <b>C</b>
SCALE: <b>1:4</b>	WEIGHT: <b>4.5 LBS</b>	SHEET: <b>2 OF 3</b>	



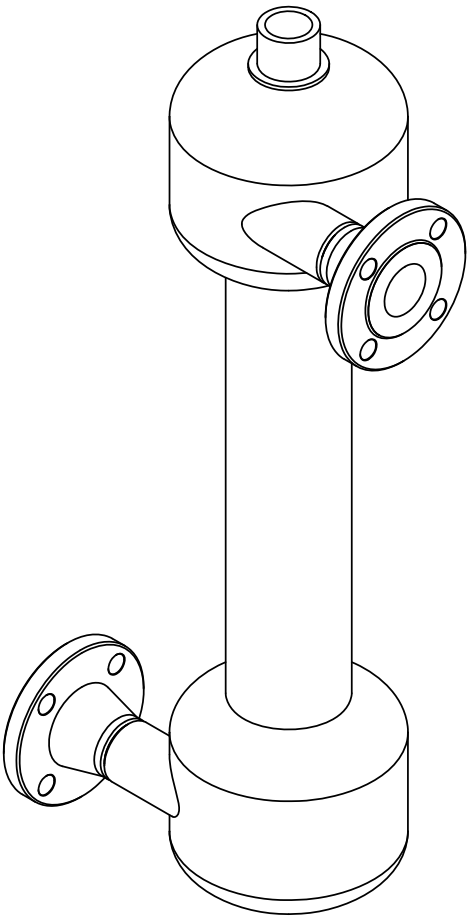
(ISOMETRIC VIEW)  
(FOR REFERENCE ONLY)

**APPROVED**  
RELEASED FOR SUBMITTAL

ITEM NO.	TITLE	DESCRIPTION	QTY.
1	O-RING	O-RING; F7001-200-124	2
2	O-RING	O-RING; F7001-200-242	1

		<b>MAZZEI INJECTOR CO., LLC</b> 500 ROOSTER DRIVE BAKERSFIELD, CA 93307 PHONE: (661) 363-6500 FAX: (661)363-7500 WWW.MAZZEI.NET	
DESCRIPTION: DEGAS SEPARATOR; DS-150-PVDF			

SIZE: <b>B</b>	JOB NO.: N/A	DRAWING NUMBER: DS-150-PVDF-SUB	REV: C
SCALE: 1:4	WEIGHT: 4.5 LBS	SHEET: 3 OF 3	

<div>NOTES:</div> <div><div>1. MATERIAL OF CONSTRUCTION: TYPE 316L, STAINLESS STEEL</div><div>2. MTR/HEAT NUMBERS ARE PROVIDED FOR ALL MATERIALS AND SHALL MEET APPLICABLE MATERIAL SPECIFICATIONS.</div><div>3. FLANGE BOLT HOLES TO STRADDLE COMMON CENTERLINES, UNLESS OTHERWISE NOTED.</div><div>4. MAXIMUM PRESSURE: 150 PSI (10.3 BAR)</div><div>5. MAXIMUM OPERATING TEMPERATURE: 180°F (82.2°C)</div><div>6. PRESSURE LOSS: 1 - 4 PSID (.07 - .28 BAR) AT RATED FLOW</div><div>7. RATED FLOW: 35 - 70 GPM (8 - 16 M³/HR)</div><div>8. EMPTY WEIGHT (DRY): APPROXIMATELY 43 LBS. (21 KG)</div><div>9. WATER VOLUME: 1.9 GALLONS (7.2 LITERS)</div><div>10. INLET/OUTLET CONNECTION: 1.50" DIA., ANSI B16.5, CLASS 150, SCHED. 40, RAISED FACE WELD NECK FLANGE</div><div>11. VENT CONNECTION: 1.00" DIA., ANSI B1.20.1, FEMALE NATIONAL PIPE THREAD (FNPT)</div><div>12. FINISH: GLASS BLAST EXTERIOR ONLY</div><div>13. WELDING JOINTS TO BE COMPLETE PENETRATION, WHERE POSSIBLE.</div><div>14. DYE PENETRATE TESTING IN ACCORDANCE WITH B31.3 NORMAL SERVICE RECOMMENDATIONS WILL BE PERFORMED ON A MINIMUM OF 20% OF LINEAR LENGTH OF WELDS; OR HYDROSTATIC TESTING WILL BE PERFORMED AS PART OF MAZZEI'S NON-DESTRUCTIVE TESTING PROCEDURE.</div><div>15. CLEANED FOR PASSIVATION PER ASTM A380 GUIDELINES.</div><div>16. PASSIVATED PER ASTM A967 SPECIFICATION.</div><div>17. WELD MAP, NON DESTRUCTIVE TESTING (NDT), CLEANING AND INSPECTION REPORTS TO BE PROVIDED BY MAZZEI.</div><div>18. MAZZEI RECOMMENDS INSTALLING THE DEGAS SEPARATOR PER THE O&amp;M MANUAL GUIDELINES.</div></div>				<div>REVISIONS</div> <table><tr><th>REV.</th><th>DESCRIPTION</th><th>DATE</th><th>APPROVED</th></tr><tr><td>NC</td><td>RELEASED FOR SUBMITTAL.</td><td>8/16/2013</td><td>P. BANKOWSKI</td></tr><tr><td>A</td><td>CHANGED MAX PRESSURE NOTE.</td><td>8/16/2013</td><td>P. BANKOWSKI</td></tr></table>				REV.	DESCRIPTION	DATE	APPROVED	NC	RELEASED FOR SUBMITTAL.	8/16/2013	P. BANKOWSKI	A	CHANGED MAX PRESSURE NOTE.	8/16/2013	P. BANKOWSKI
				REV.	DESCRIPTION	DATE	APPROVED												
				NC	RELEASED FOR SUBMITTAL.	8/16/2013	P. BANKOWSKI												
				A	CHANGED MAX PRESSURE NOTE.	8/16/2013	P. BANKOWSKI												
<div></div> <div>(ISOMETRIC VIEW) (FOR REFERENCE ONLY)</div>																			

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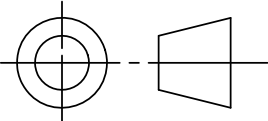
CONFIDENTIALITY NOTICE

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DO NOT SCALE

UNLESS OTHERWISE SPECIFIED  
DIM ARE IN INCHES  
TOL ON ANGLE ± .1/2°  
1 PL ± .125 2 PL ± .060 3 PL ± .030  
INTERPRET DIM AND TOL PER  
ASME Y14.5M-1994

THIRD ANGLE PROJECTION



APPROVALS

DRAWN:  
T. JOHNS

CHECKED:  
J. MILLAN

APPROVED:  
P. BANKOWSKI

QA:  
-

CUSTOMER APPROVAL:  
-


CUSTOMER:  
NA

DATE

8/21/2013

8/16/2013

8/16/2013



MAZZEI INJECTOR CO., LLC  
500 ROOSTER DRIVE BAKERSFIELD, CA 93307  
PHONE: (661) 363-6500 FAX: (661)363-7500  
WWW.MAZZEI.NET

TITLE:  
DEGAS SEPARATOR; DSF01510AAF000

SIZE:  
B

JOB NO.:  
NA

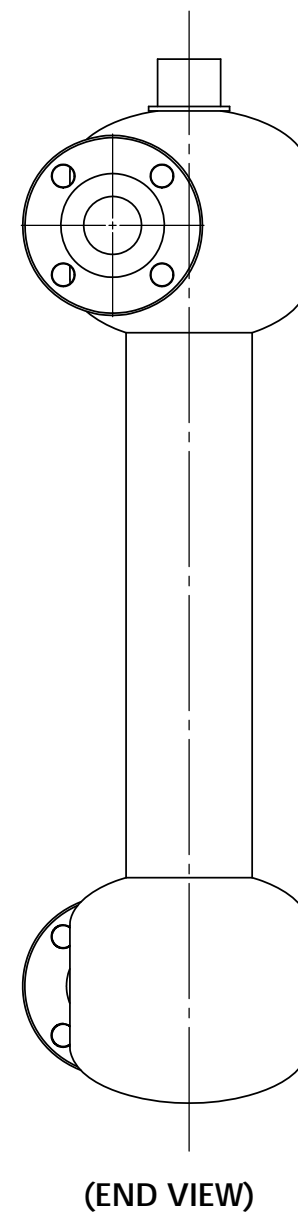
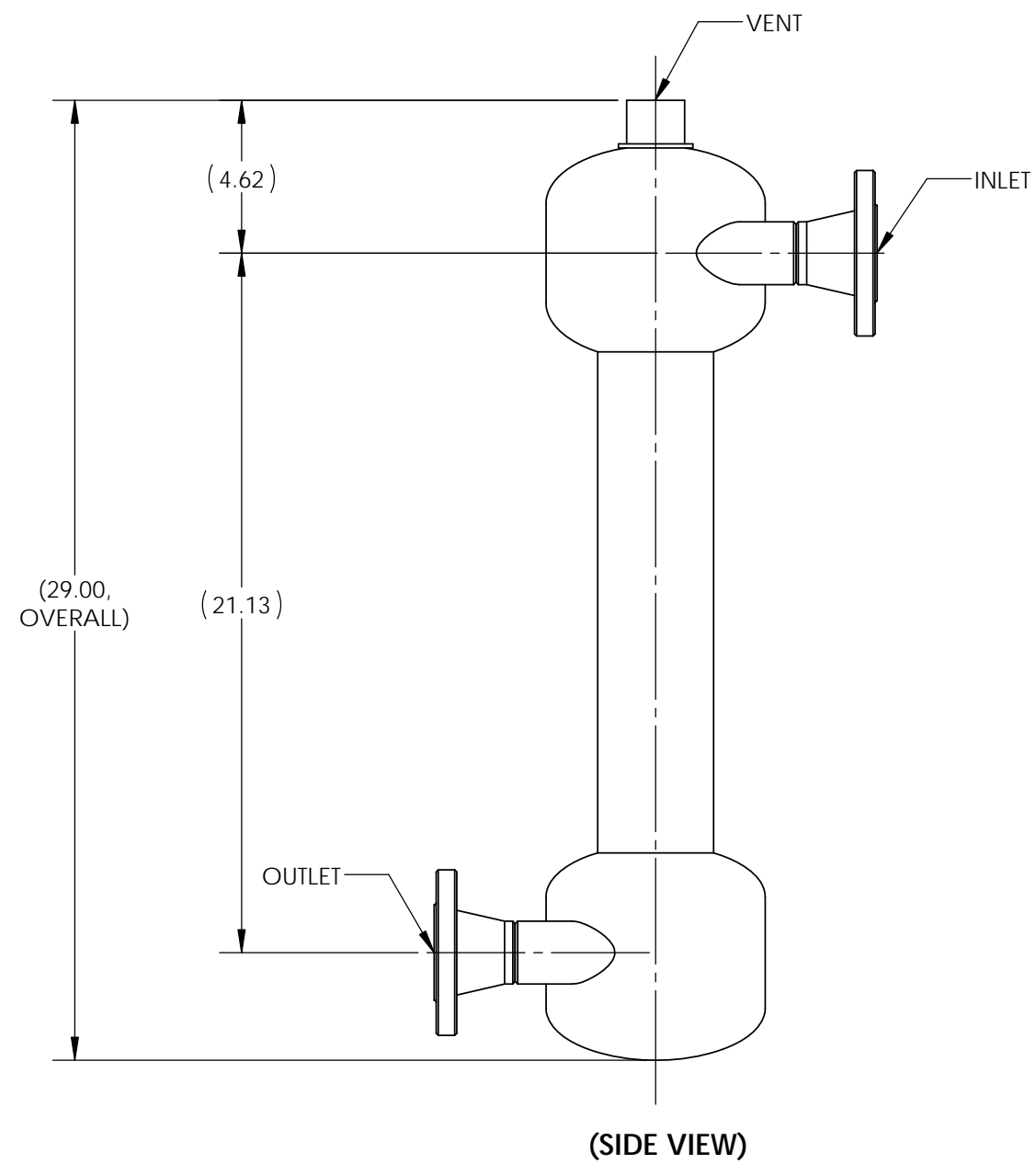
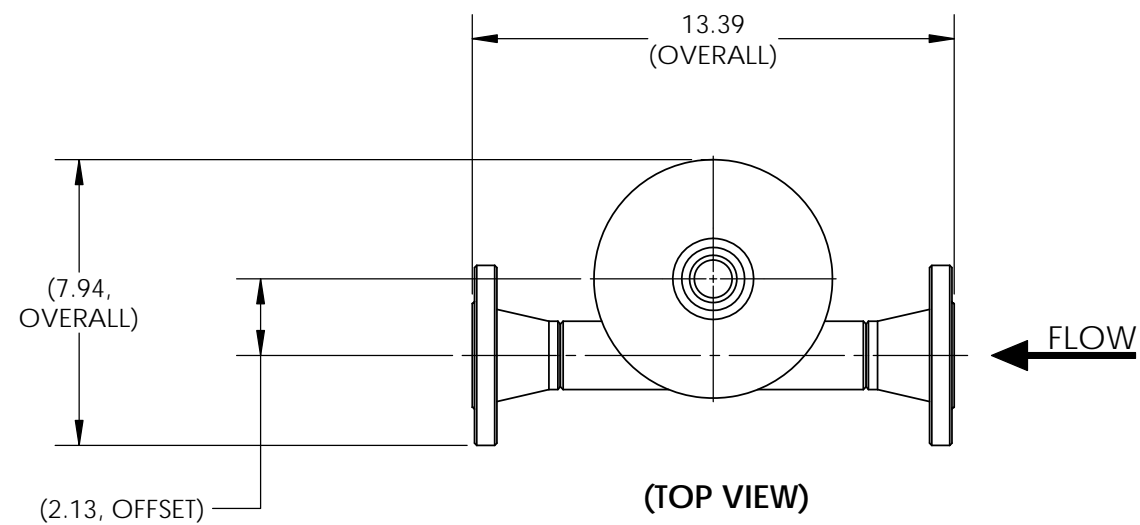
DRAWING NUMBER:  
DSF01510AAF000-SUB


REV.:  
A

SCALE:  
NONE

WEIGHT:  
43 LBS

SHEET:  
1 OF 2

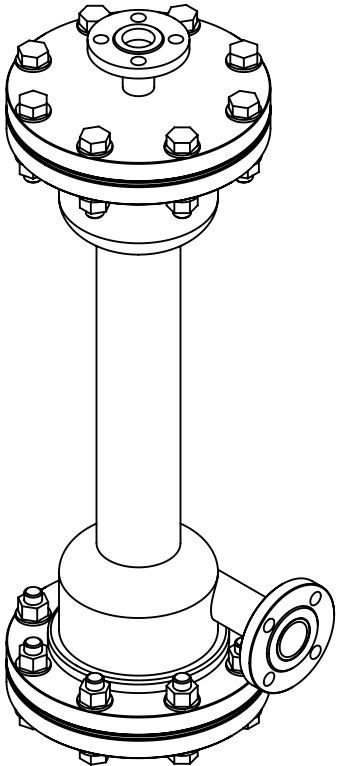


		<b>MAZZEI INJECTOR CO., LLC</b> 500 ROOSTER DRIVE BAKERSFIELD, CA 93307 PHONE: (661) 363-6500 FAX: (661)363-7500 WWW.MAZZEI.NET	
TITLE: DEGAS SEPARATOR; DSF01510AAF000			
SIZE: <b>B</b>	JOB NO.: <b>NA</b>	DRAWING NUMBER: <b>DSF01510AAF000-SUB</b>	REV: <b>A</b>
SCALE: <b>3:16</b>	WEIGHT: <b>43 LBS</b>	SHEET: <b>2 OF 2</b>	

NOTES:


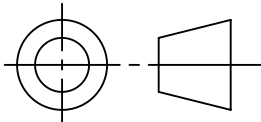
1. MATERIAL OF CONSTRUCTION: TYPE A-53 GRADE B, CARBON STEEL
2. MTR/HEAT NUMBERS ARE PROVIDED AND SHALL MEET APPLICABLE MATERIAL SPECIFICATIONS.
3. FLANGE BOLTS HOLES TO STRADDLE COMMON CENTERLINES, UNLESS OTHERWISE NOTED.
4. MAXIMUM PRESSURE: 145 PSI (10 BAR)
5. MAXIMUM OPERATING TEMPERATURE: 140°F (60°C) AT MAX. PRESSURE
6. PRESSURE LOSS: 1 - 4 PSID (.07-.28 BAR) AT RATED FLOW
7. RATED FLOW: 35-70 GPM (8-16 M³/HR)
8. EMPTY WEIGHT (DRY): APPROXIMATELY 147 LBS. (67 KG)
9. INLET/OUTLET CONNECTION:  
  
1.5" NOMINAL DIA., ANSI B16.5, CLASS 150, SCHED. 40, RAISED FACE - SLIP ON FLANGE
10. SUCTION PORT CONNECTION:  
  
1.5" NOMINAL DIA., ANSI B16.5, CLASS 150, SCHED. 40, RAISED FACE - SLIP ON FLANGE
11. WELDING JOINTS TO BE COMPLETE JOINT PENETRATION, WHERE POSSIBLE.
12. HYDROTESTING MAY BE PERFORMED IN ACCORDANCE WITH MAZZEI SOP NO. 6090.
13. DYE PENETRANT TESTING MAY BE PERFORMED IN ACCORDANCE WITH MAZZEI SOP NO. 6095.
14. FINISH:  
  
EXTERIOR POWDERCOATED LAKOS BLUE  
INTERIOR SCOTCHKOTE 134
15. WELD MAP, NON DESTRUCTIVE TESTING (NDT) AND INSPECTION REPORTS TO BE PROVIDED BY MAZZEI.

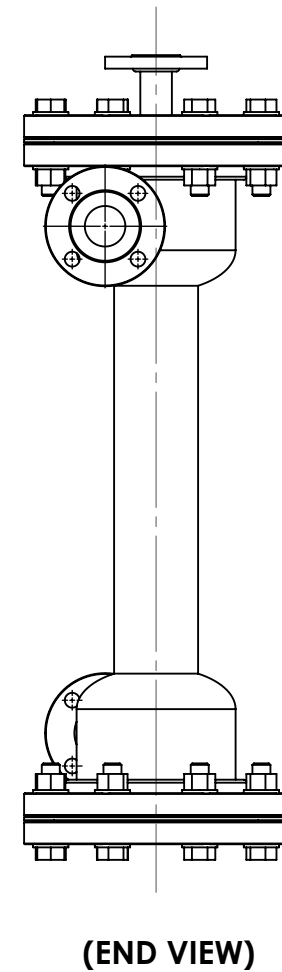
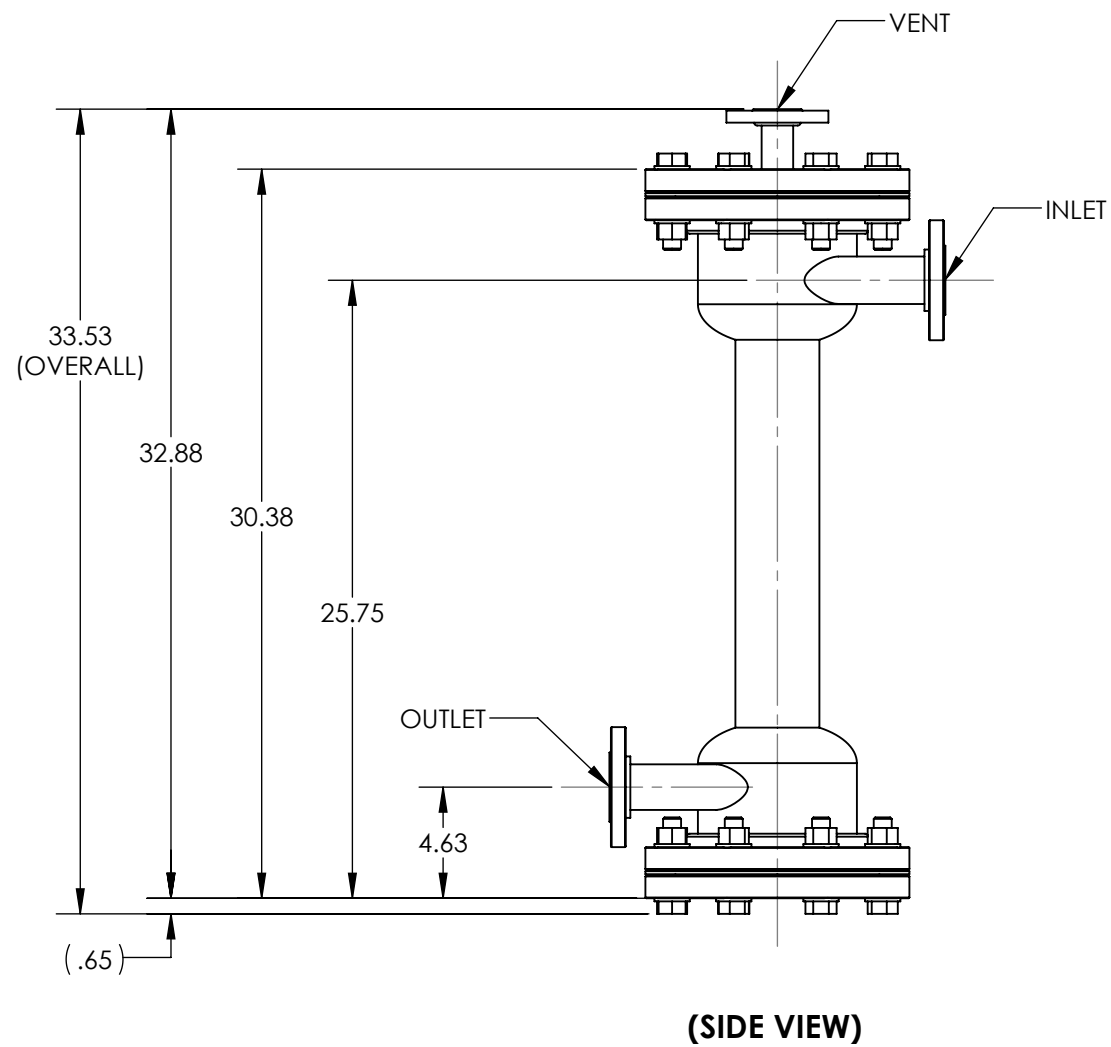
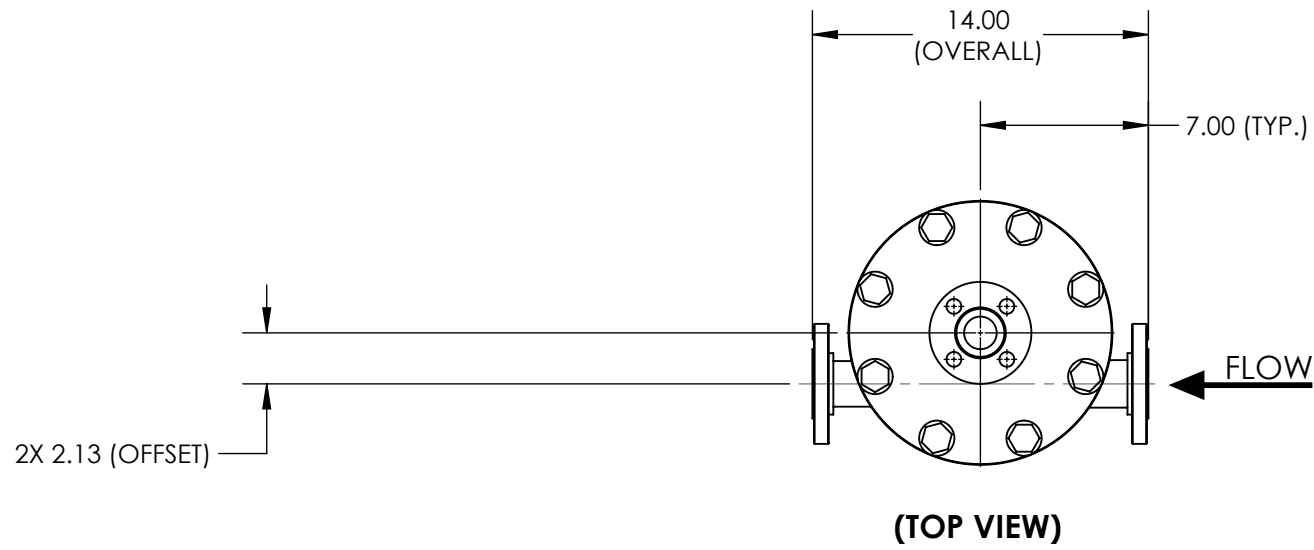
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
NC	RELEASED FOR SUBMITTAL.	7/17/2012	J. BENNETT
A	UPDATED DRAWING NOTES & FORMAT.	4/22/2015	J. BENNETT




(ISOMETRIC VIEW)  
(FOR REFERENCE ONLY)

SUBMITTAL DRAWING

SUBMITTAL NOTICE		CONFIDENTIALITY NOTICE		UNLESS OTHERWISE SPECIFIED DIM ARE IN INCHES TOL ON ANGLE ± .50° ALL DIMS ± 1 INTERPRET DIM AND TOL PER ASME Y14.5M-1994		APPROVALS		DATE		<div><div>MAZZEI INJECTOR CO., LLC</div><div>500 ROOSTER DRIVE BAKERSFIELD, CA 93307 PHONE: (661) 363-6500 FAX: (661)363-7500 WWW.MAZZEI.NET</div></div>	
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						CHECKED:		7/17/2012			
		DRAWING MAY NOT BE PRINTED FULL SIZE DO NOT SCALE				APPROVED:		7/17/2012		QA:	
						CUSTOMER APPROVAL:				CUSTOMER:	
						N/A				SIZE: <b>B</b>	
										JOB NO.: <b>N/A</b>	
										DRAWING NUMBER: <b>DSF01510EAAE00-SUB</b>	
										REV: <b>A</b>	
										SCALE: <b>NONE</b>	
										WEIGHT: <b>147 LBS</b>	
										SHEET: <b>1 OF 2</b>	



 <b>MAZZEI®</b>		<b>MAZZEI INJECTOR CO., LLC</b> 500 ROOSTER DRIVE BAKERSFIELD, CA 93307 PHONE: (661) 363-6500 FAX: (661)363-7500 WWW.MAZZEI.NET	
DESCRIPTION: DEGAS SEPARATOR; DSF01510EAAE00			
SIZE: <b>B</b>	JOB NO.: N/A	DRAWING NUMBER: DSF01510EAAE00-SUB	REV: A
SCALE: 1:8	WEIGHT: 147 LBS	SHEET: 2 OF 2	