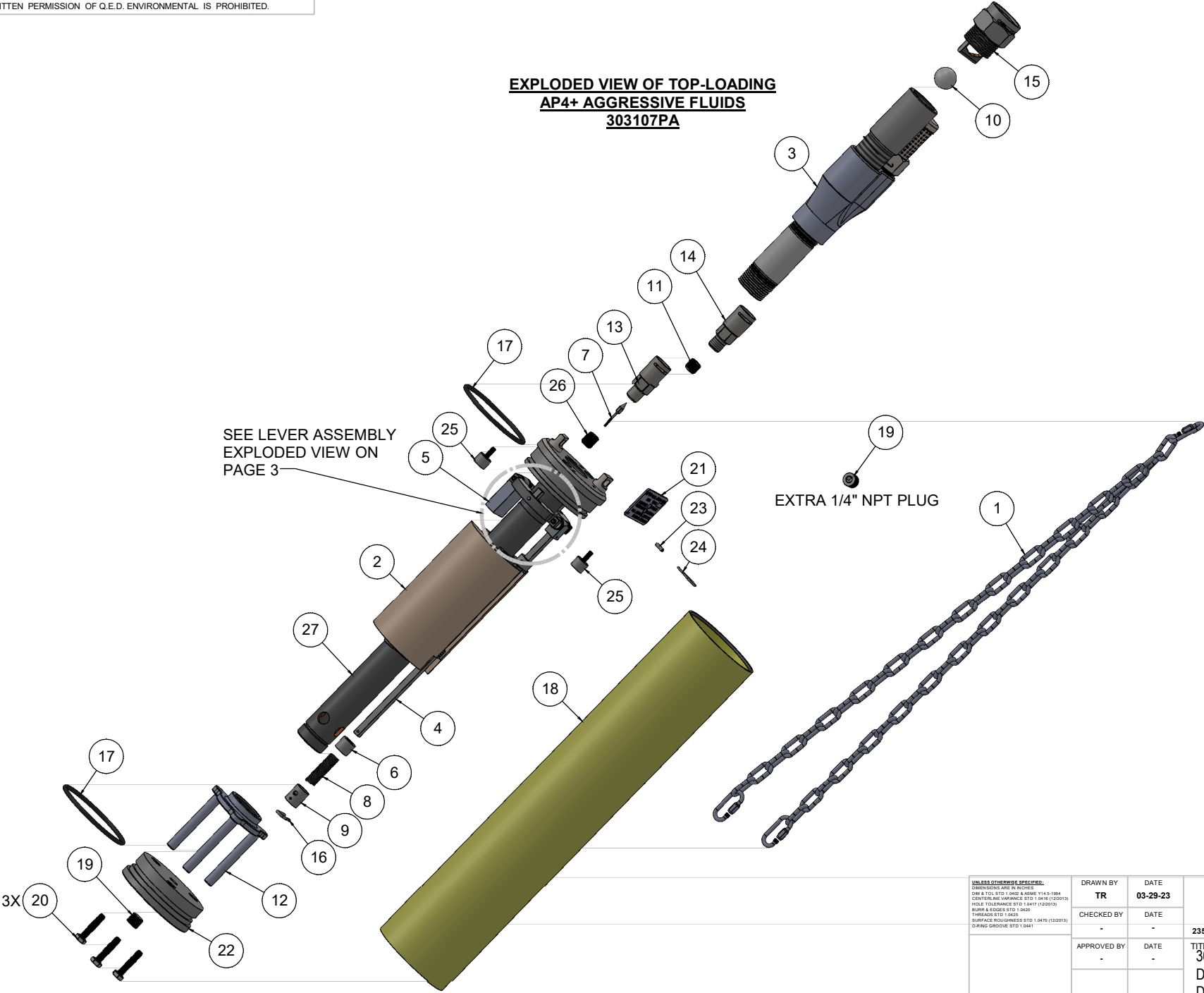


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**EXPLODED VIEW OF TOP-LOADING
AP4+ AGGRESSIVE FLUIDS
303107PA**

SEE LEVER ASSEMBLY
EXPLODED VIEW ON
PAGE 3

EXTRA 1/4" NPT PLUG



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DIM & TOL STD 1 (MIL & ASME Y14.5-1994)
CENTERLINE VARIANCE STD 1 (MIL & ASME Y14.5-1994)
HOLE TOLERANCE STD 1 (MIL & ASME Y14.5-1994)
SURFACE FINISH STD 1 (MIL & ASME Y14.5-1994)
SURFACE ROUGHNESS STD 1 (MIL & ASME Y14.5-1994)
CIRCLING GROOVE STD 1 (MIL & ASME Y14.5-1994)

DRAWN BY	TR	DATE	03-29-23
CHECKED BY	-	DATE	-
APPROVED BY	-	DATE	-

QED
2355 BISHOP CIRCLE W, DEXTER, MI. 48130

TITLE
303107PA AP4+ TL LDD
DISTRIBUTOR/SERVICE
DRAWING

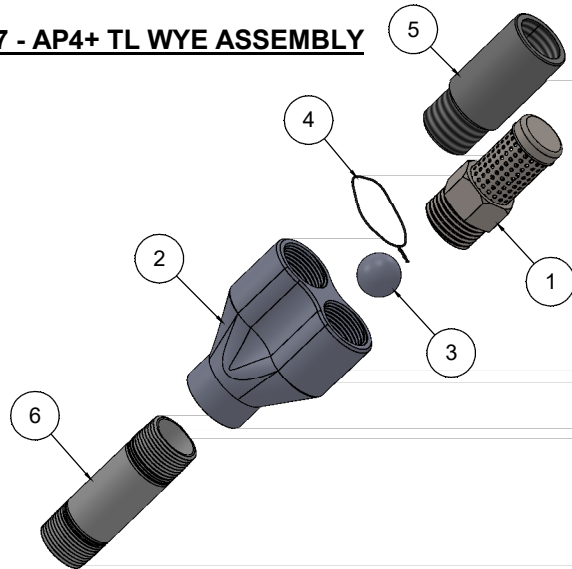
NEXT ASSY	-	MATERIAL	-	DWG. NO.	95362	REV.	A
USED ON	-	FINISH	-	SCALE	1:12	SHEET	1 OF 3

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ITEM	PART #	QTY.	DESCRIPTION
1	300984	1	HARNESS SUPPORT 316SS CHAIN
2	302598	1	FLOAT, AP4LD A-1
3	303057	1	AP4+TL WYE ASSY W/SS DCV, SS SCREEN
4	303090	1	CONTROL ROD ASSY LDD AP4+ 316SS
5	303208	1	LEVER ASSY AP4 PVDF ALL 316S 120PSI W/POPPET BUSHING
6	ENV201210	1	AP-4 CONTROL ROD SLIDING STOP PVDF
7	ENV201615	1	POPPET INTAKE 200 PSI AP4 303SS
8	ENV201628	1	SPRING CTRL ROD AP4 LDD 316SS
9	ENV201664	1	AP4 CONTROL ROD SPRING CUP
10	ENV201852	1	BALL 7/8 GRADE 1 TEFLON
11	ENV205543	1	316 SS LDD AP-4 EXHAUST POPPET SEAT
12	ENV206195	1	SPIDER, CASTING -AP4+MACHINED 316LSS
13	ENV206210	1	HOUSING EASY-FITTING AIR 1/4 MPT
14	ENV206213	1	HOUSING EASY-FITTING EXH 1/4 MPT
15	ENV206216	1	HOUSING, ADAPTER EZ-FITTINGS DISCHARGE 1" MPT
16	ENV206247	1	HAIRPIN, AP4 CTRL ROD/SPRING CUP PIN HASTELLOY C276
17	ENV206273	2	O-RING PARKER VITON 2-235 V747-75
18	ENV206285	1	CASING, FRP AP+ LDD LABELED
19	ENV206290	2	PLUG, 1/4" 316SS COUNTERSUNK HEX
20	ENV206362	3	SCREW, 1/4"-20 X 1-1/4" FL/THR HEX CAP, W/VIT, W/VIBRA-TITE
21	ENV206408	1	TAG AP4+ ATEX
22	ENV206426	1	INLET SEAT, AP4+ MACHINED
23	ENV206446	1	SLEEVE FOR 1/16 DIA CABLE 316 SS
24	ENV206447	0.25	CABLE 1/16 DIA 316 SS
25	ENV301083	2	AP4 250 DEG 316 SS MAGNET W/EPOXY
26	ENV301085	1	AP4 INTAKE SEAT ASSY 316 SS 200 PSI
27	ENV303089	1	AP4+LD 316SSFRAME W/200PSI SEAT

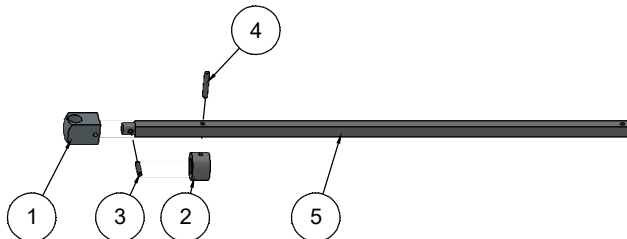
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIM & TOL STD 1 (MIL & ASME Y14.5-1994) CENTERLINE VARIANCE STD 1 (MIL (1/20013)) HOLE TOLERANCE STD 1 (MIL (1/20013)) BURN & EDGES STD 1 (MIL (1/20013)) THREADS STD 1 (MIL) SURFACE ROUGHNESS STD 1 (MIL (1/20013)) CIRCLING GROOVES STD 1 (MIL)	DRAWN BY	DATE	 2355 BISHOP CIRCLE W, DEXTER, MI. 48130
	TR	03-29-23	
	CHECKED BY	DATE	
	-	-	
	APPROVED BY	DATE	
-	-	TITLE	
		303107PA AP4+ TL LDD	
		DISTRIBUTOR/SERVICE	
		DRAWING	
NEXT ASSY -	MATERIAL -	DWG. NO. 95362	REV. A
USED ON -	FINISH -	SCALE 1:16	SHEET 2 OF 3

303057 - AP4+ TL WYE ASSEMBLY



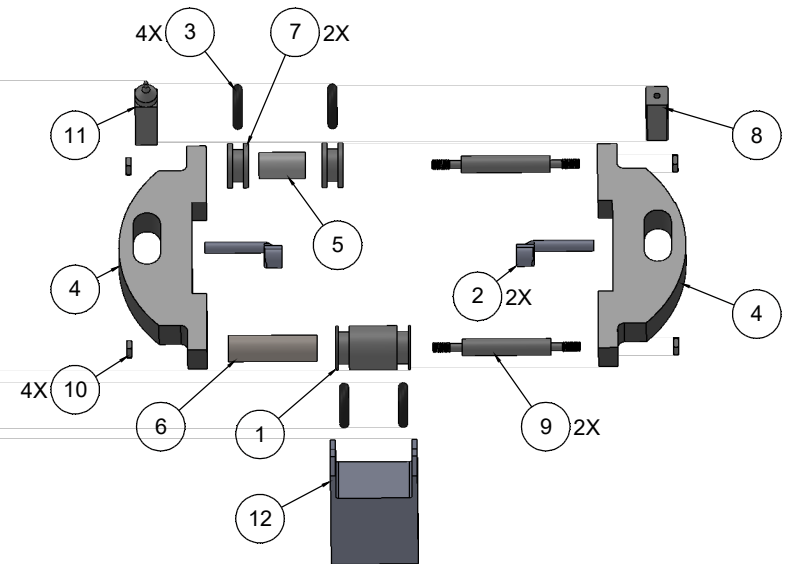
ITEM	PART #	QTY.	DESCRIPTION
1	301383	1	SCREEN AP4 TL FLUID INTAKE 316SS
2	301777	1	WYE MOLDED THREADED
3	ENV201744	1	BALL, 1" TEFLON
4	ENV202892	1	304 S.S. 11" TL INLET C.V. 22 GA LOCKWIRE
5	ENV205601	1	HOUSING, CHECK 1" MPT x 1" FPT 316 S.S.
6	ENV206323	1	NIPPLE 1 NPT X 4 LONG 316L SS

303090 - AP4+ LDD CONTROL ROD ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	ENV200340	1	ADAPTER CTRL ROD AP4 17-4SS
2	ENV201209	1	AP4 CTRL ROD UPPER STOP PVDF
3	ENV201609	1	DOW PIN .0939/.0941 DIA X 1/2 316SS
4	ENV201610	1	DOW PIN .0939 / .0941 DIA 5/8 316SS
5	ENV206272	1	CONTROL ROD LDD AP-4+ NATURAL PVDF

303208 - AP4+ LDD LEVER ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	200330	1	AP-4 COUNTERWEIGHT ROLLER
2	206445	2	POPPET BUSHING NITRONIC 60 AP4 LEVER
3	ENV200496	4	O-RING PARKER 2-109 VITON V747-75
4	ENV201033	2	LEVER HALF AP4 PVDF
5	ENV201052	1	316 SS CONTROL ROD ADAPTER BUSHING
6	ENV201053	1	BUSHING AP-4 COUNTER WEIGHT 316SS
7	ENV201458	2	ROLLER CTRL ROD AP4 PVDF
8	ENV201617	1	POPPET CONNECT INT AP4 200 PSI 316 SS
9	ENV201626	2	LEVER CONNECTING PIN 316SS
10	ENV202889	4	NUT SMALL PATTERN, 316SS, 4-40, LEVER CONNECTOR
11	ENV205542	1	POPPET EXHAUST AP-4 LDD 316 SS
12	ENV206009	1	316 SS AP4 LDD COUNTERWEIGHT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DIM & TOL. STD. 1 (MIL) & ASME Y14.5-1994
CENTERLINE VARIANCE STD 1 (MIL) (1/20013)
HOLE TOLERANCE STD 1 (MIL) (1/20013)
BURN & EDGES STD 1 (MIL) (1/20013)
THREADS STD 1 (MIL) (1/20013)
SURFACE ROUGHNESS STD 1 (MIL) (1/20013)
CARTON DRAWING STD 1 (MIL) (1/20013)

DRAWN BY
TR

DATE
03-29-23

CHECKED BY
-

DATE
-

APPROVED BY
-

DATE
-

MATERIAL
-

FINISH
-

NEXT ASSY
-

USED
ON

QED
2355 BISHOP CIRCLE W, DEXTER, MI. 48130

TITLE
303107PA AP4+ TL LDD
DISTRIBUTOR/SERVICE
DRAWING

DWG. NO. 95362
SCALE 1:4
SHEET 3 OF 3