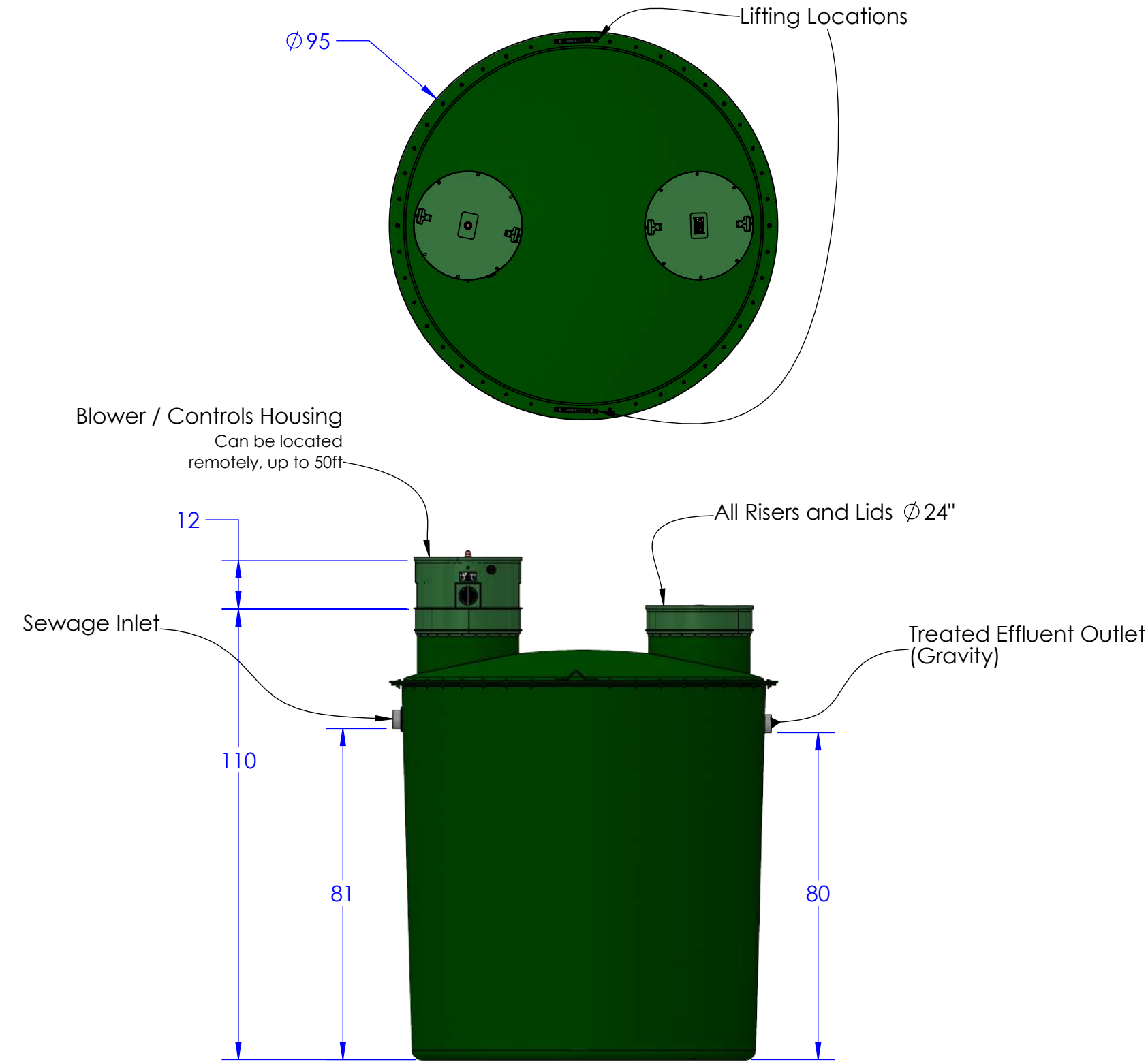


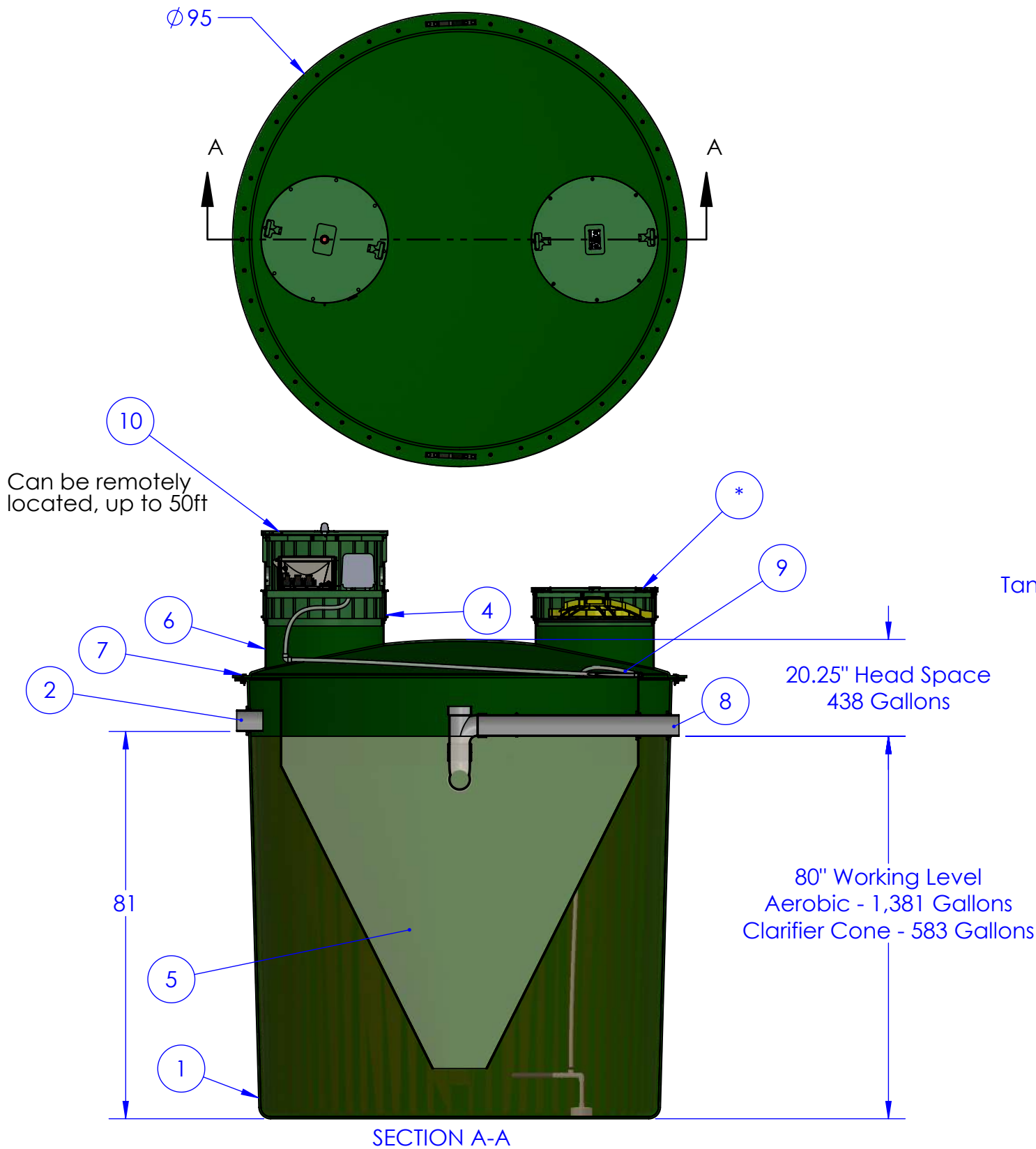
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- 1) All auxiliary plumbing, wiring, and installation methods must conform to all county, state, province, and local code.
- 2) All plumbing and connections to be plumbed with SCH 40 pipe or equivalent.
- 3) All manufacturer supplied pipe and conduit penetrations are sealed with Adapt-A-Flex grommets to prevent water ingress/egress.
- 4) All manufacturer electrical connections are terminated in NEMA rated enclosures with NEMA rated cord grips. (NEMA 4X Min.)
- 5) For details pertaining to installation requirements, (tank assembly, internal plumbing connections, wiring etc) see HydroAction Installation Manual, and additional System detail prints.
- 6) Any additional questions pertaining to HydroAction AP series wastewater treatment systems, contact HydroAction.



Hydro-Action Specifications	
Model	AP-1500
Daily Treatment Capacity	1,500 Gallons
Aerobic Working Volume	1,381 Gallons
Clarifier Working Volume	583 Gallons
Treatment Certification	NSF 40
Supply Power Requirement	1 Phase 120VAC 60Hz 20Amp
Air Supply	HiBlow HP-200 / 7.0 CFM
Tank Material	Fiberglass
Clarifier Material	Fiberglass
Blower / Controls Housing	Polyethylene





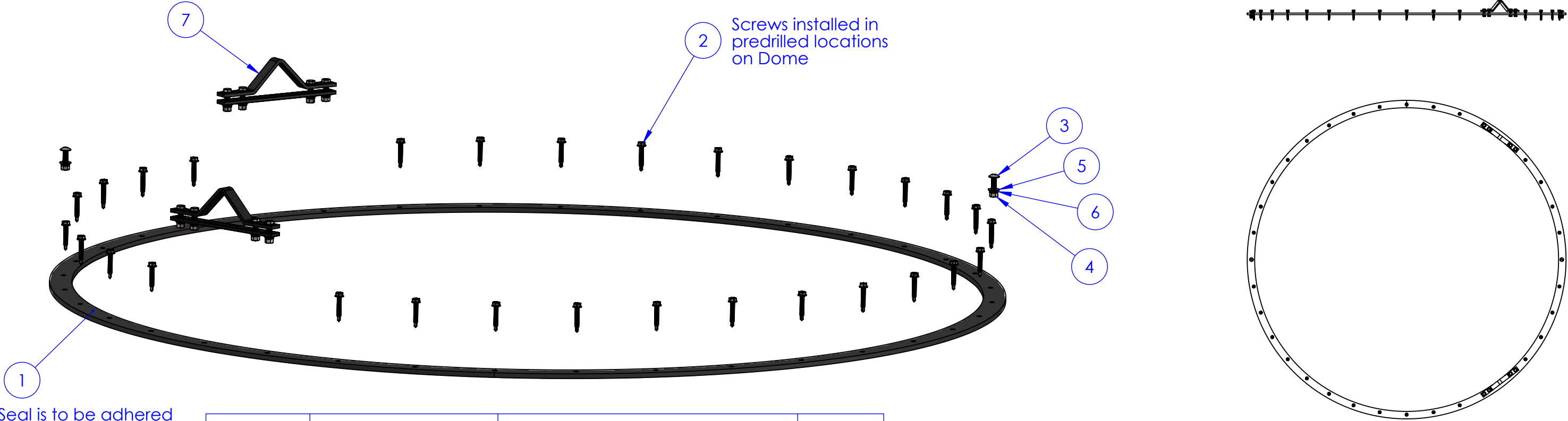
ITEM NO.	Part Number	DESCRIPTION	QTY.
1	HA-180079	Tank, Body AP1500G / PP2200	1
2	HA-100066	Assembly, Inlet AN ATU	1
3	HA-130063	Kit, Lid/Riser HVY ATU	1
4	241022	Riser, Tank 24" x 6" PL	1
5	HA-180045	Cone, Fiberglass AP1500G	1
6	HA-180033-C	Dome, AP1500 / PP1600 Chopped	1
7	HA-130051	Kit, Tank/Dome/Cone Commercial	1
8	HA-100071	Assembly, Outlet ATU	1
9	HA-100058-2DRP	Diffuser Assembly 2 Drop	1
10.1	HA-EC50-11-L-200	Assembly, Ops AP-1500 Gravity	1
10.2	HA-EC50-20-L-200	Assembly, Ops AP-1500 Demand Dose	
10.3	HA-EC50-32-L-200	Assembly, Ops AP-1500 Micro Dose	

Tank body and dome are constructed of filament wound and spray chopped fiberglass

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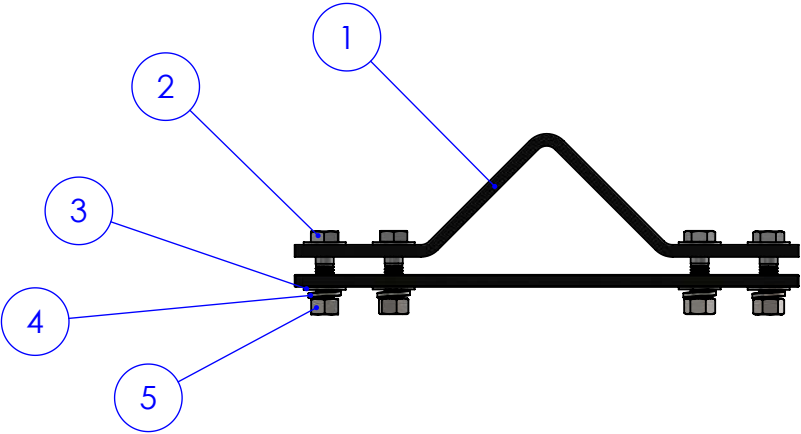
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1 Seal is to be adhered to tank flange prior to installing fasteners

ITEM NO.	Part Number	DESCRIPTION	QTY.
1	160033	Gasket, 3/8" x 1-3/4" x 50' Black	1
2	200095	Screw, 5/16 x 2 HWH SDS 410	30
3	760068	Bolt, 3/8-16 x 1-1/2 SS Spanner	2
4	200013	Nut, 3/8-16 Stainless Steel	2
5	200006	Washer, 3/8 Standard SS	2
6	200034	Washer, SS 3/8 LockWasher	2
7	HA-130001	Lifting Lug Set	2

All fasteners made of Stainless Steel, may be slightly ferrous.



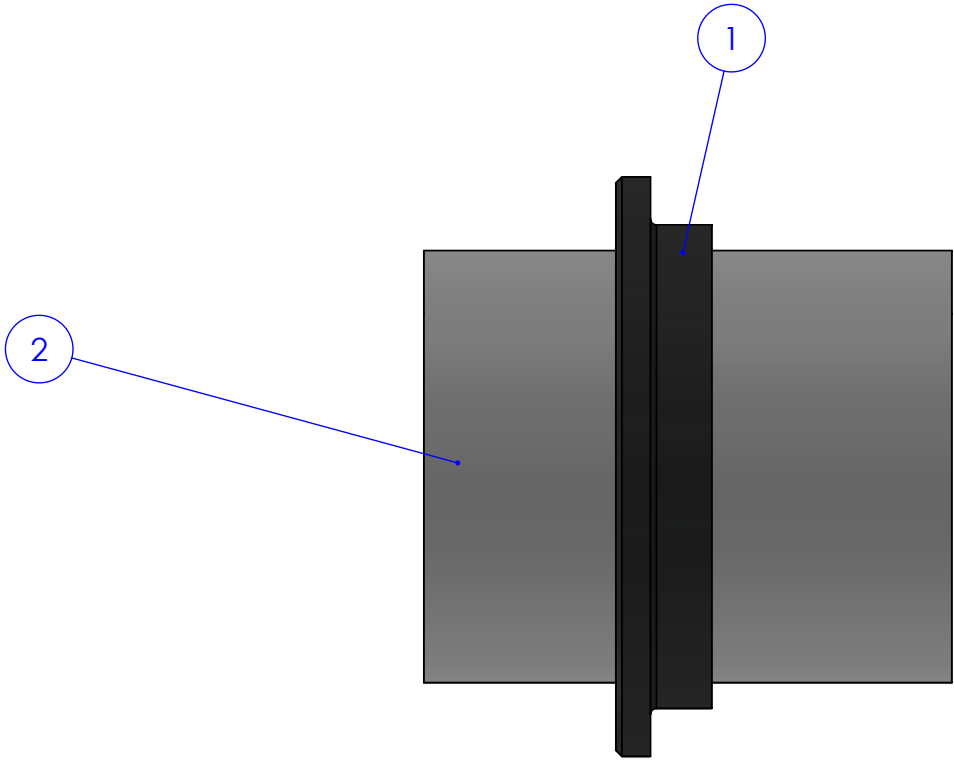
HA-130001

ITEM NO.	Part Number	DESCRIPTION	QTY.
1	PL-LUG	Bracket, Lifting Lug Small	1
2	760063	Bolt, 3/8-16 x 1-1/2" SS HHCS AT	4
3	200006	Washer, 3/8 Standard SS	8
4	200034	Washer, SS 3/8 LockWasher	4
5	200013	Nut, 3/8-16 Stainless Steel	4

Print / Part Number HA-100066	Description Assembly, Inlet AN ATU	Revision	Date
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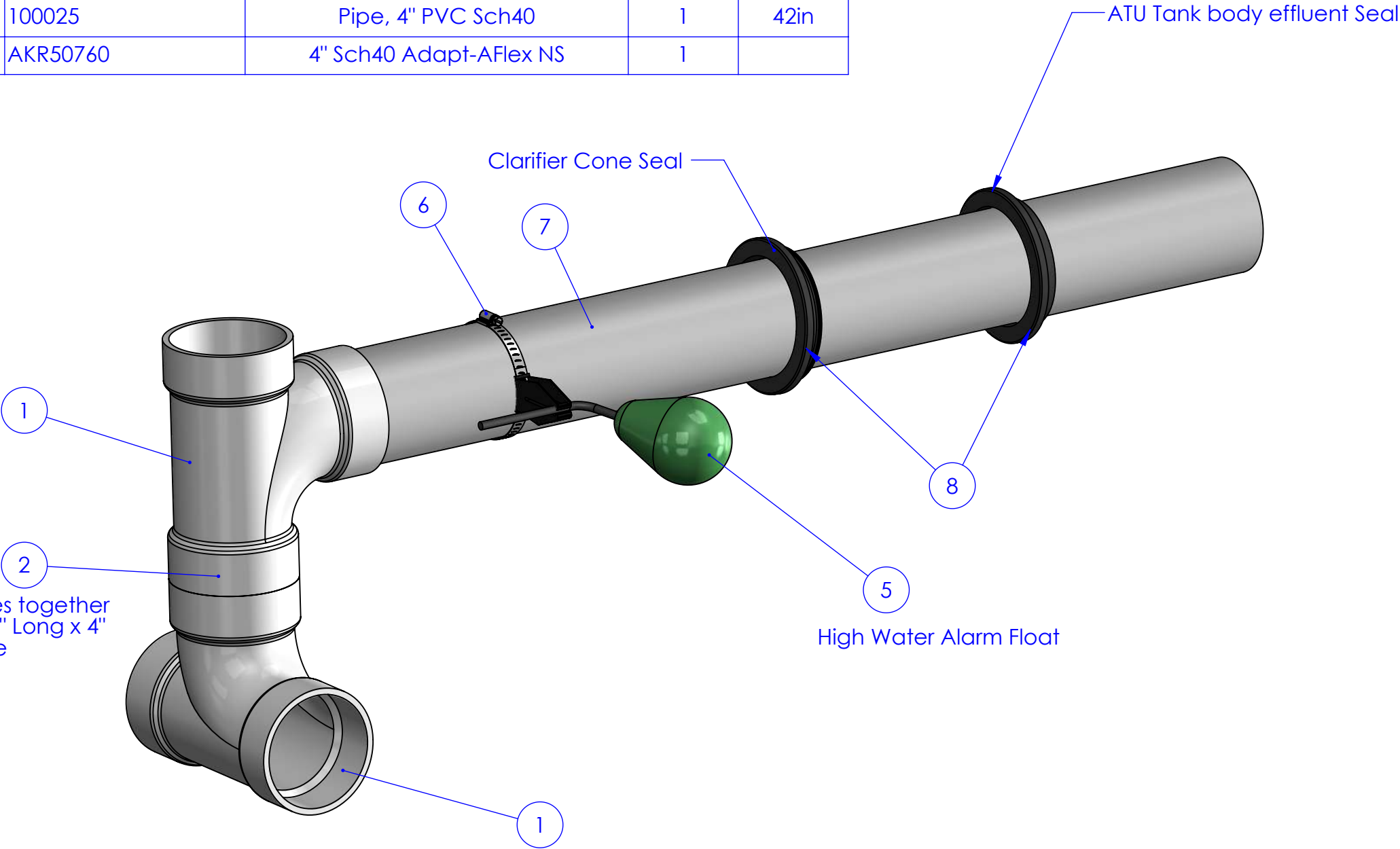
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ITEM NO.	Part Number	DESCRIPTION	QTY.	Length
1	AKR50675	Grommet, 4" Adapt-A-Flex	1	
2	100025	Pipe, 4" PVC Sch40	1	5.5in



Drawn by	Scale 1:2	Sheet 4: 8	Material	Weight	Tolerances Unless Otherwise Specified	Signature
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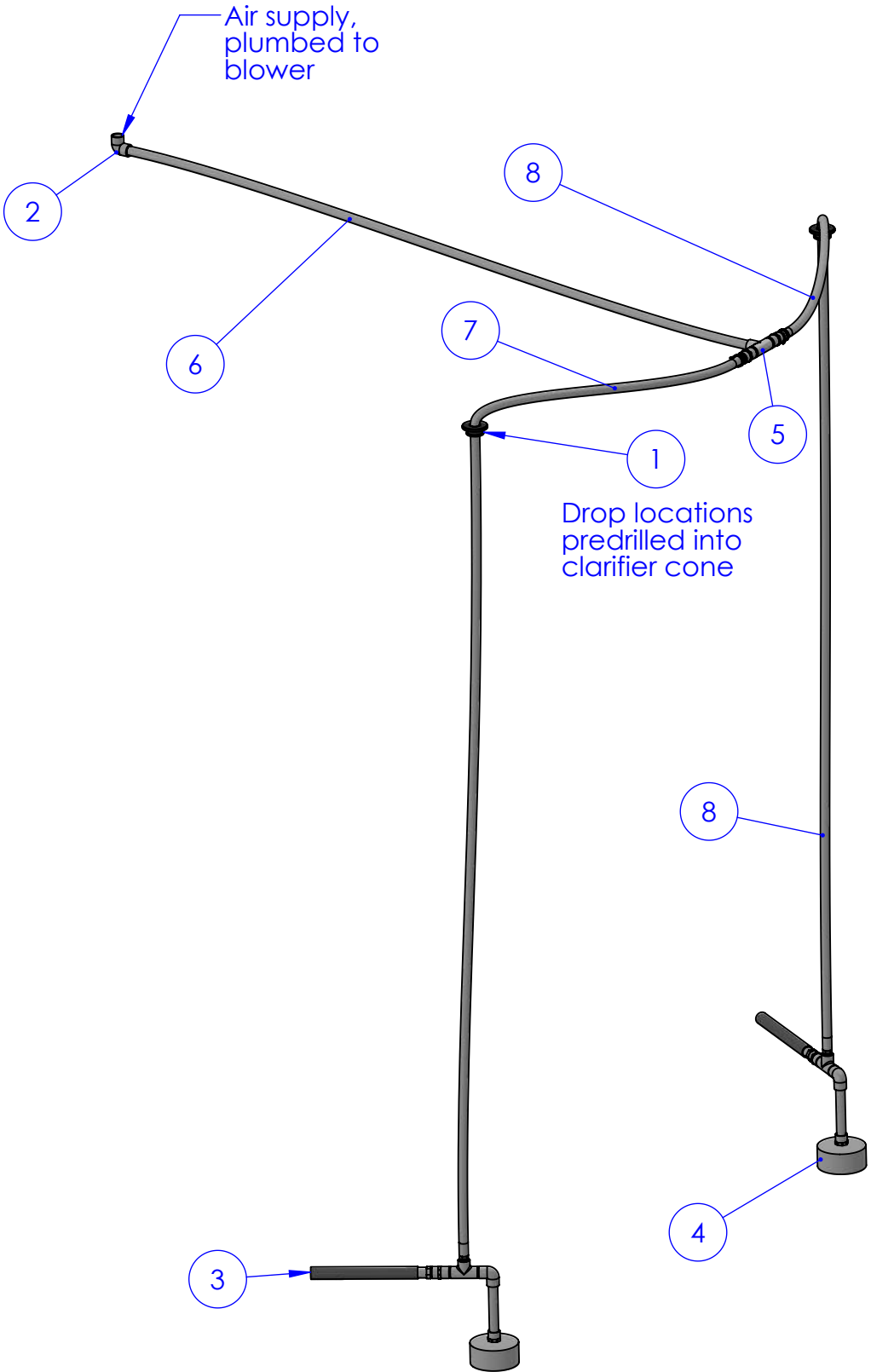
ITEM NO.	Part Number	DESCRIPTION	QTY.	Length
1	180125	Tee, Sanitary 4" Sch40	2	
2	100025	Pipe, 4" PVC Sch40	1	3.5in
3	100025	Pipe, 4" PVC Sch40	1	34.5in
4	AKR50675	Grommet, 4" Adapt-A-Flex	1	
5	120044	Switch, Float MM 20' Green	1	
6	240041	Clamps 3-9/16-4 w/Clip	1	
7	100025	Pipe, 4" PVC Sch40	1	42in
8	AKR50760	4" Sch40 Adapt-AFlex NS	1	



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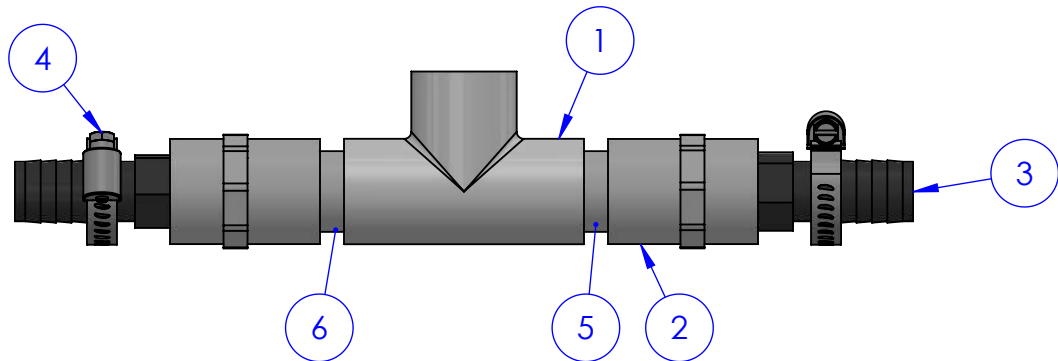
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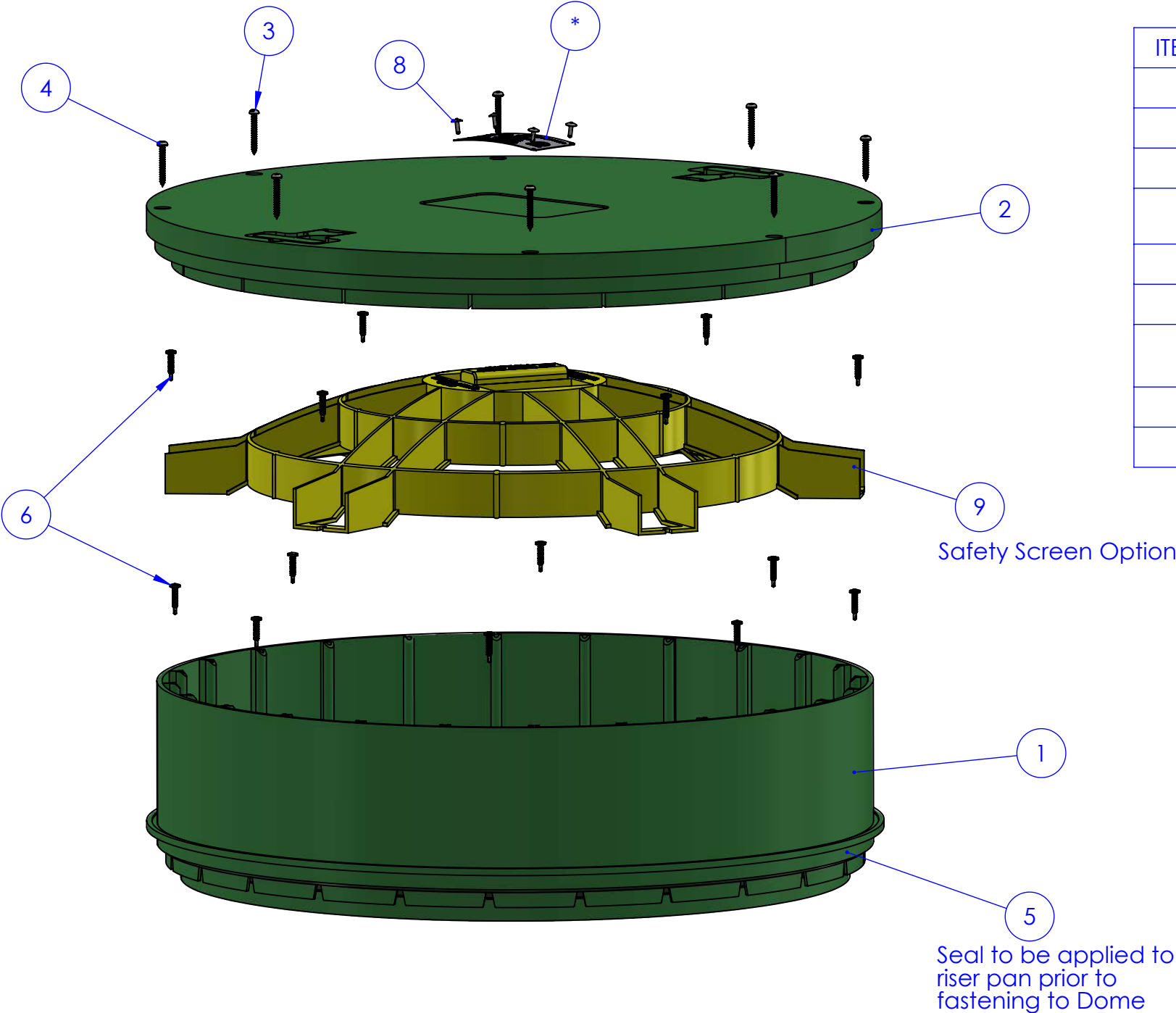
ITEM NO.	Part Number	DESCRIPTION	QTY.	Length
1	AKR50030	Grommet, 1/2" Adapt-A-Flex	2	
2	180103	Elbow, 90 Degree 1/2" Sch40 PVC SxS	1	
3	HA-100048-H1	Diffuser, Body - H1	2	
4	HA-240072	Weight, Anchor Black	2	
5	100080	Commercial Barb Tee Assembly	1	
6	700041	Hose, Spa Flex Sch40 PVC	1	
7	700041	Hose, Spa Flex Sch40 PVC	1	
8	700041	Hose, Spa Flex Sch40 PVC	1	

100080 Assembly

ITEM NO.	Part Number	DESCRIPTION	QTY.	Length
1	180100	Tee, 1/2" Sch40 PVC SxSxS	1	
2	180099	Adapter, Female 1/2" Sch40 PVC	2	
3	180106	Adapter, 1-1/2" Sch40 PVC Male	2	
4	240049	Clamp, Microgear	2	
5	180114	Pipe, 1/2" Sch40 PVC	1	1.5in
6	180114	Pipe, 1/2" Sch40 PVC	1	1.5in



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ITEM NO.	Part Number	DESCRIPTION	QTY.
1	241022	Riser, Tank 24" x 6" PL	1
2	120184	Cover, 24" 3008-West	1
3	200070	Screw, 1-1/2" #10 TriGroove SM	2
4	200075	Screw, 1-1/2" #10 Square Truss A	6
5	160034	Gasket, 1/2" x 21' Conseal	1
6	200059	Screw, 1" #10 Self Tap PPH SS	14
7	Tag Serial Number AP-1500	TAG, AP DATA PLATE	1
8	200025	Rivet, 1/8" Grip 1/8" Dia. Pop	4
9	700080	SAFETY SCREEN, 3008-SS 24"	1

* All fasteners are made of stainless steal, may be slightly ferrous.

Safety Screen Optional