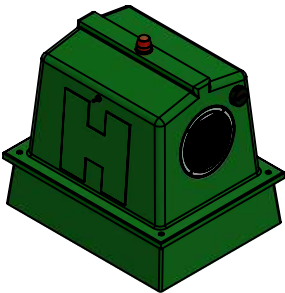
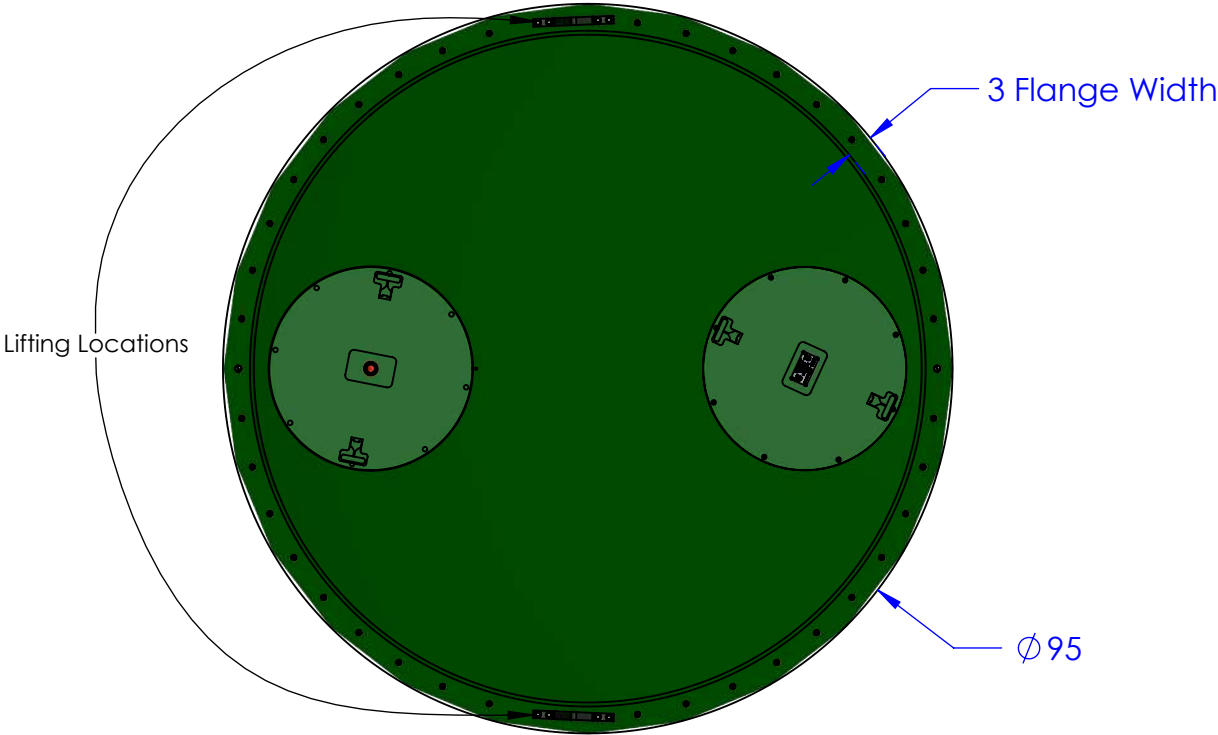


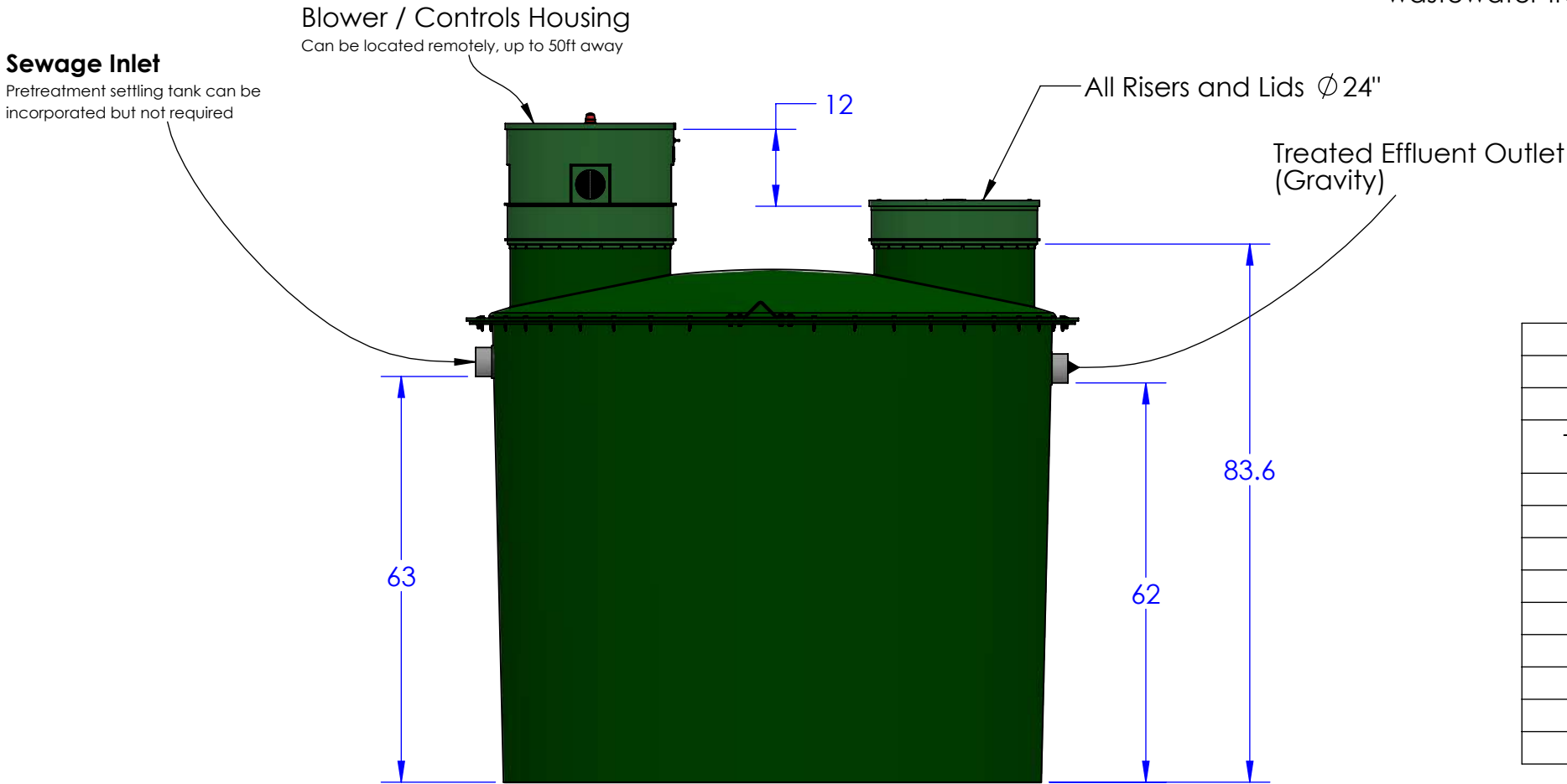
THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC



Alternate Remote Blower/Controls Housing



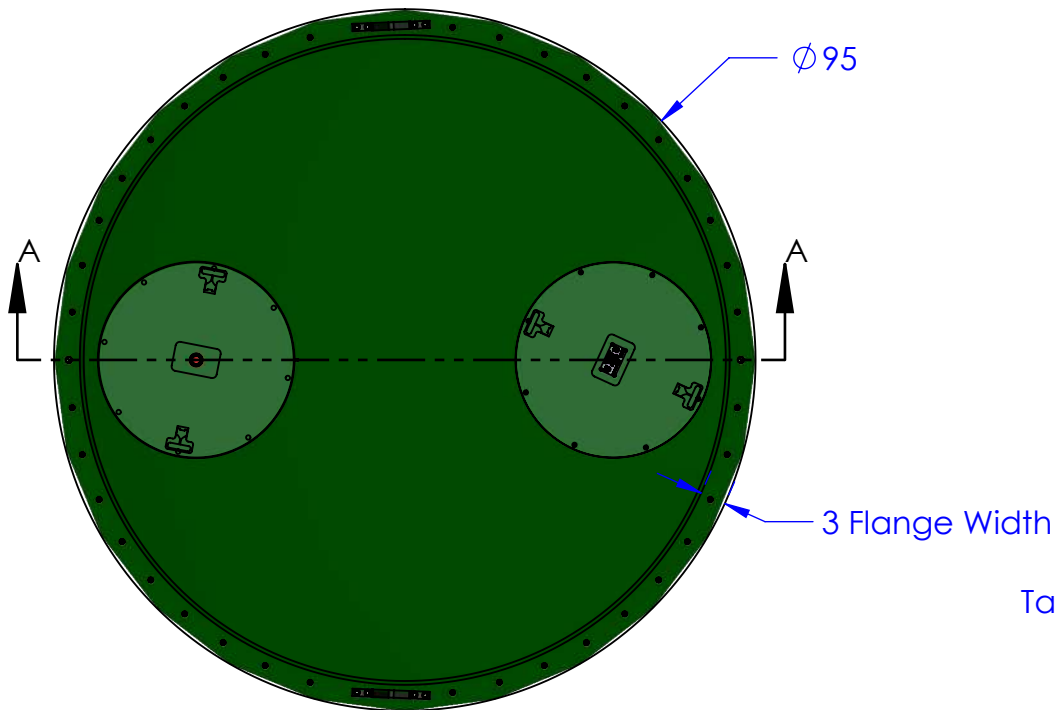
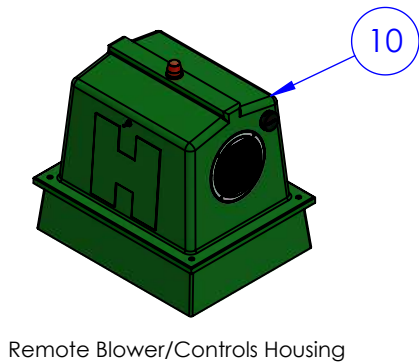
- 1) All auxiliary plumbing, wiring, and installation methods must conform to all country, state, province, and local code.
- 2) All plumbing and connections to be plumbed with SCH 40 PVC or equivalent.
- 3) All manufacturer pipe and conduit penetrations are sealed with Adapt-A-Flex grommets to prevent water ingress/egress. Adapt-A-Flex grommets meet ASTM C1644.
- 4) All manufacturer electrical connections are terminated in NEMA rated enclosures with NEMA rated cord grips. (NEMA 4X Min.)
- 5) All Electrical components (wire, connectors, control panel, conduit etc.) UL listed.
- 6) For details pertaining to installation requirements, (tank assembly, internal plumbing connections, wiring etc) see HydroAction Installation Manual, and System detail prints.
- 7) Any additional questions pertaining to HydroAction AN series wastewater treatment systems, contact HydroAction.



Hydro-Action Specifications	
Model	AP-1000
Daily Treatment Capacity	1,000 Gallons
Total System Working Volume	1,571 Gallons
Aerobic Working Volume	1,169 Gallons
Clarifier Working Volume	402 Gallons
Treatment Certification	NSF 40
Supply Power Requirement	1 Phase 120VAC 60Hz 20Amp
Air Supply	HiBlow HP-150 / 5.3 CFM
Tank Material	Fiberglass
Clarifier Material	Fiberglass
Blower / Controls Housing	Polyethylene

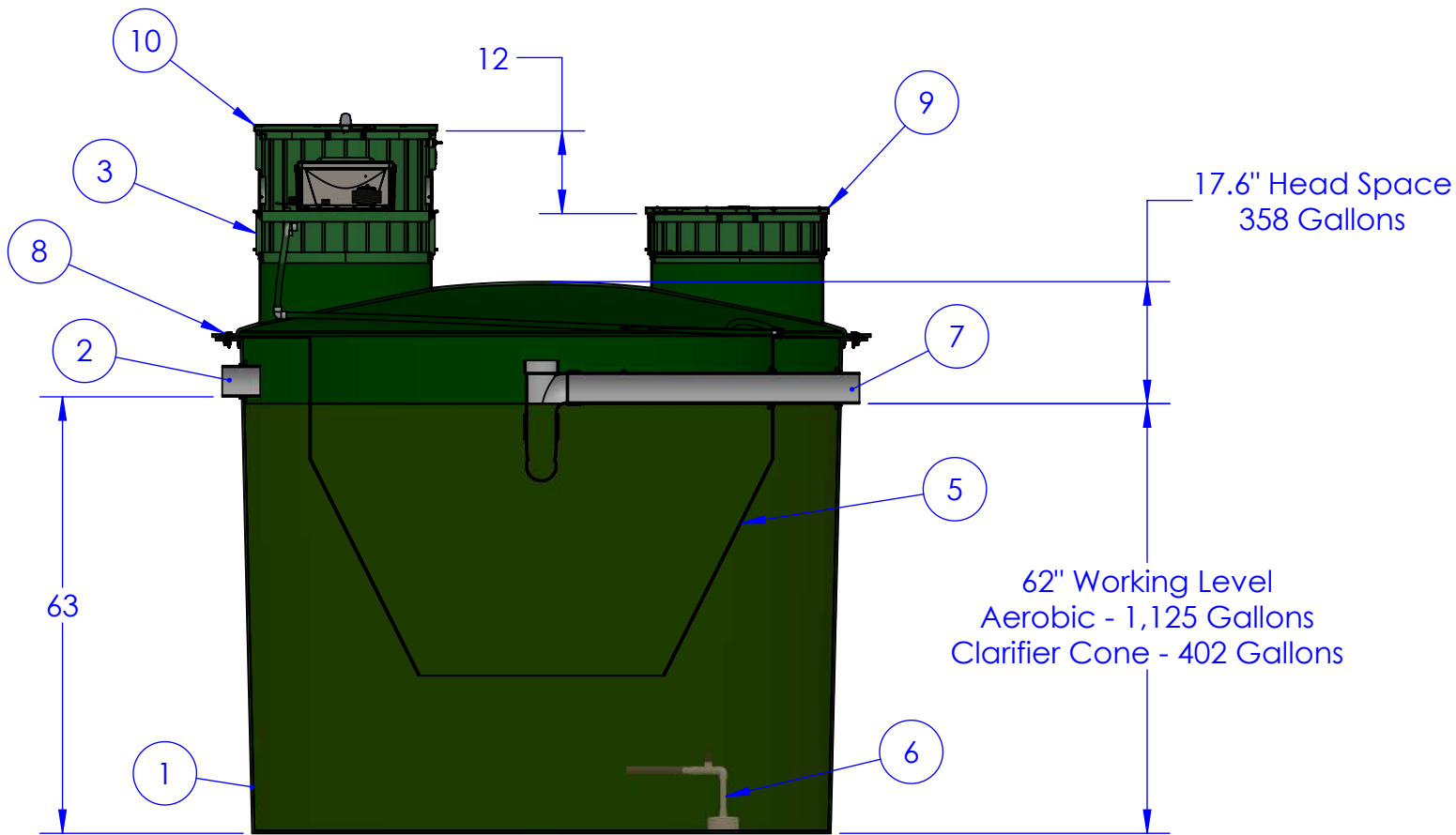


THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC



ITEM NO.	Part Number	DESCRIPTION	QTY.
1	HA-180107	Tank, Body PP1600G	1
2	HA-100066	Assembly, Inlet AN ATU	1
3	241022	Riser, Tank 24" x 6" PL	1
4	HA-180033-C	Dome, AP1500 / PP1600 Chopped	1
5	HA-180046	Cone, Fiberglass AN800	1
6	HA-100058-2DRP	Diffuser Assembly 2 Drop	1
7	HA-100071	Assembly, Outlet ATU	1
8	HA-130051	Kit, Tank/Dome/Cone Commercial	1
9	HA-130063	Kit, Lid/Riser HVY ATU	1
10	Ops Housing		1

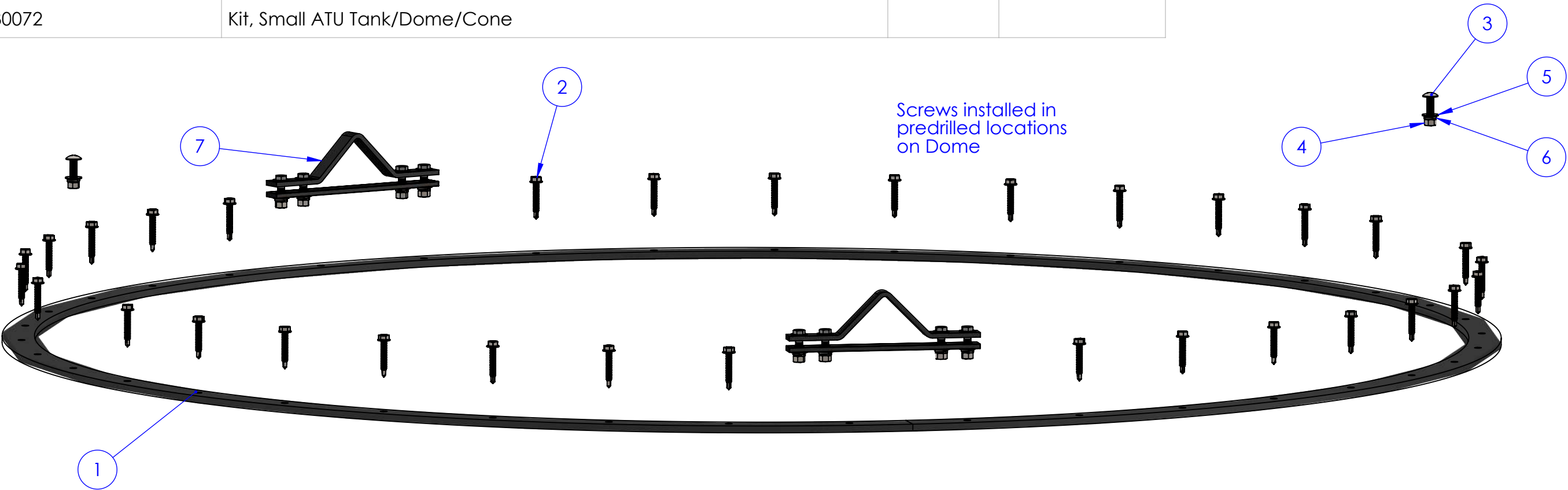
Tank body and dome are constructed of filament wound and spray chopped fiberglass



SECTION A-A



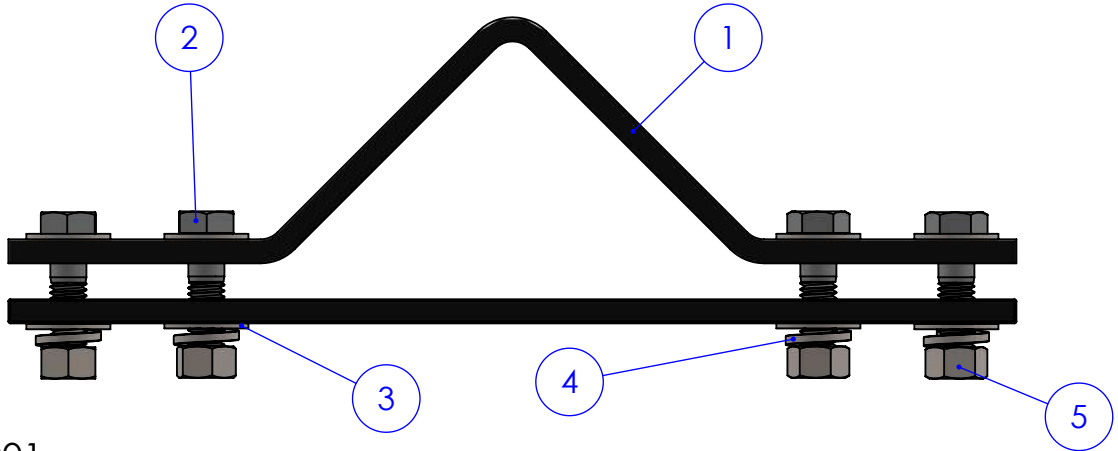
THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC



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.



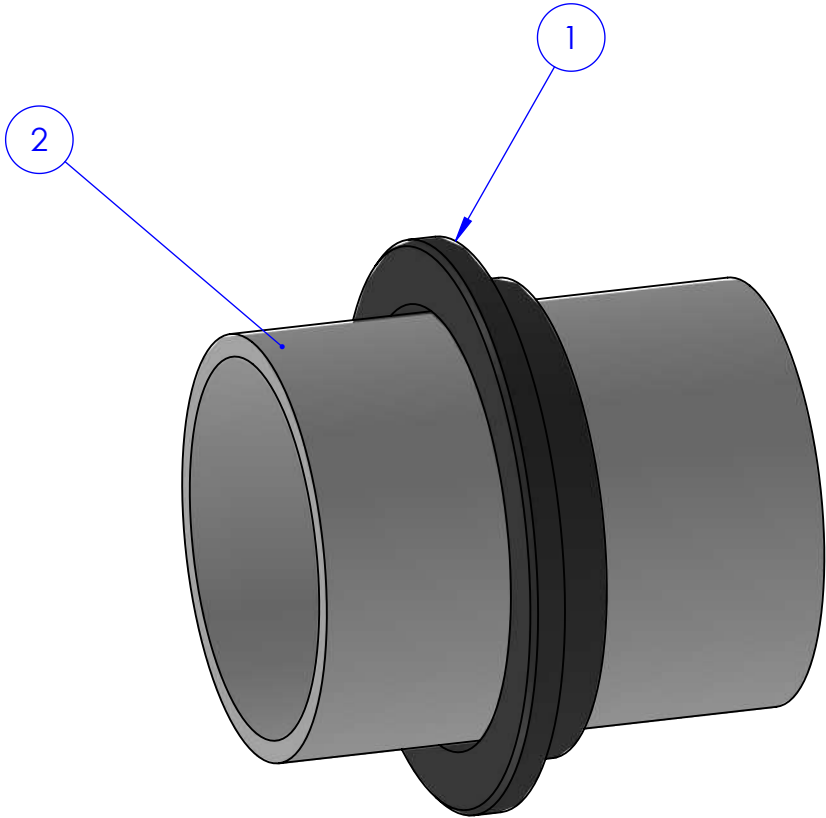
HA-130001

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	Description	Revision	Date
HA-100066	Assembly, Inlet AN ATU		

THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC

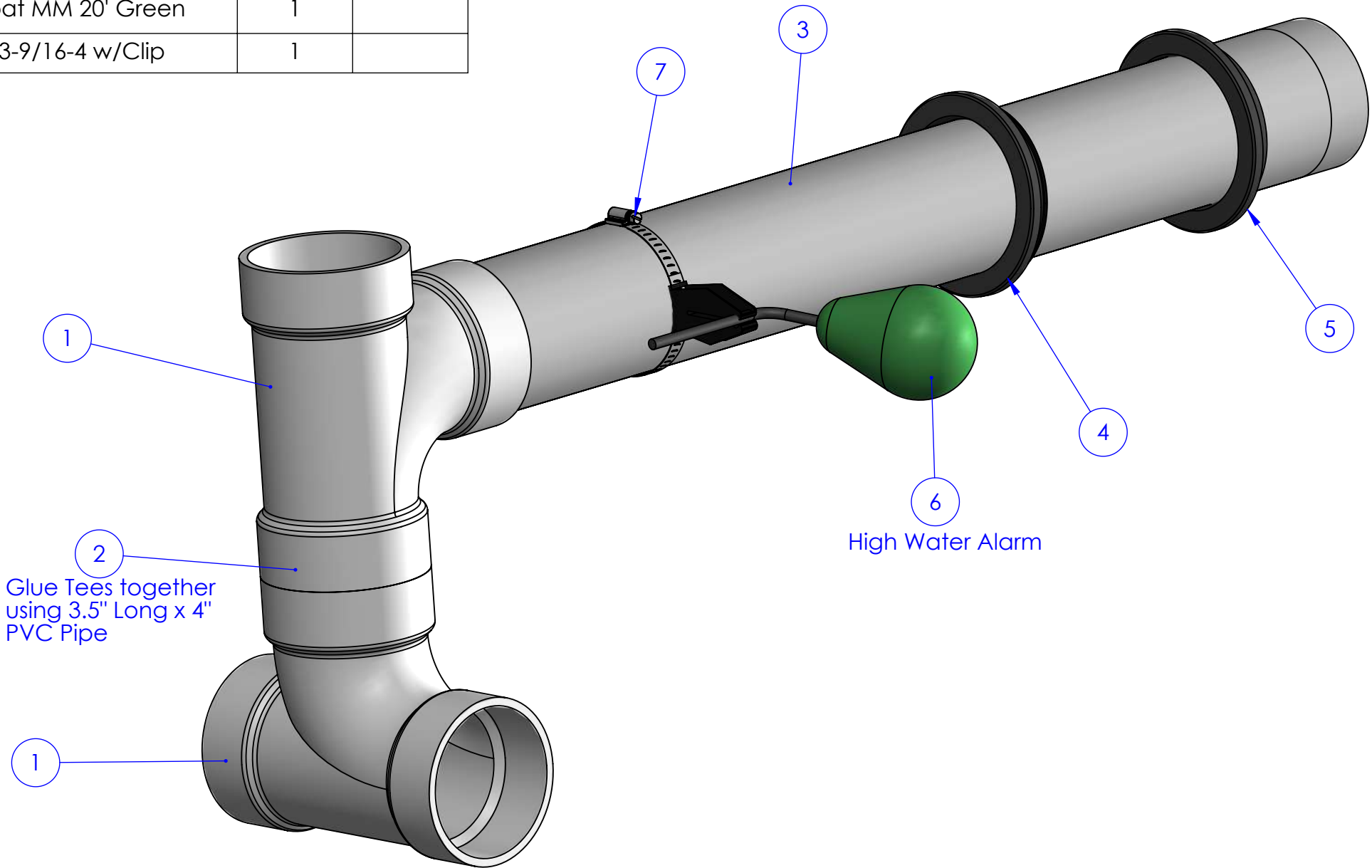
ITEM NO.	Part Number	DESCRIPTION	QTY.	Length
1	AKR50675	Grommet, 4" Sch40	1	
2	100025	Pipe, 4" PVC Sch40	1	5.5in



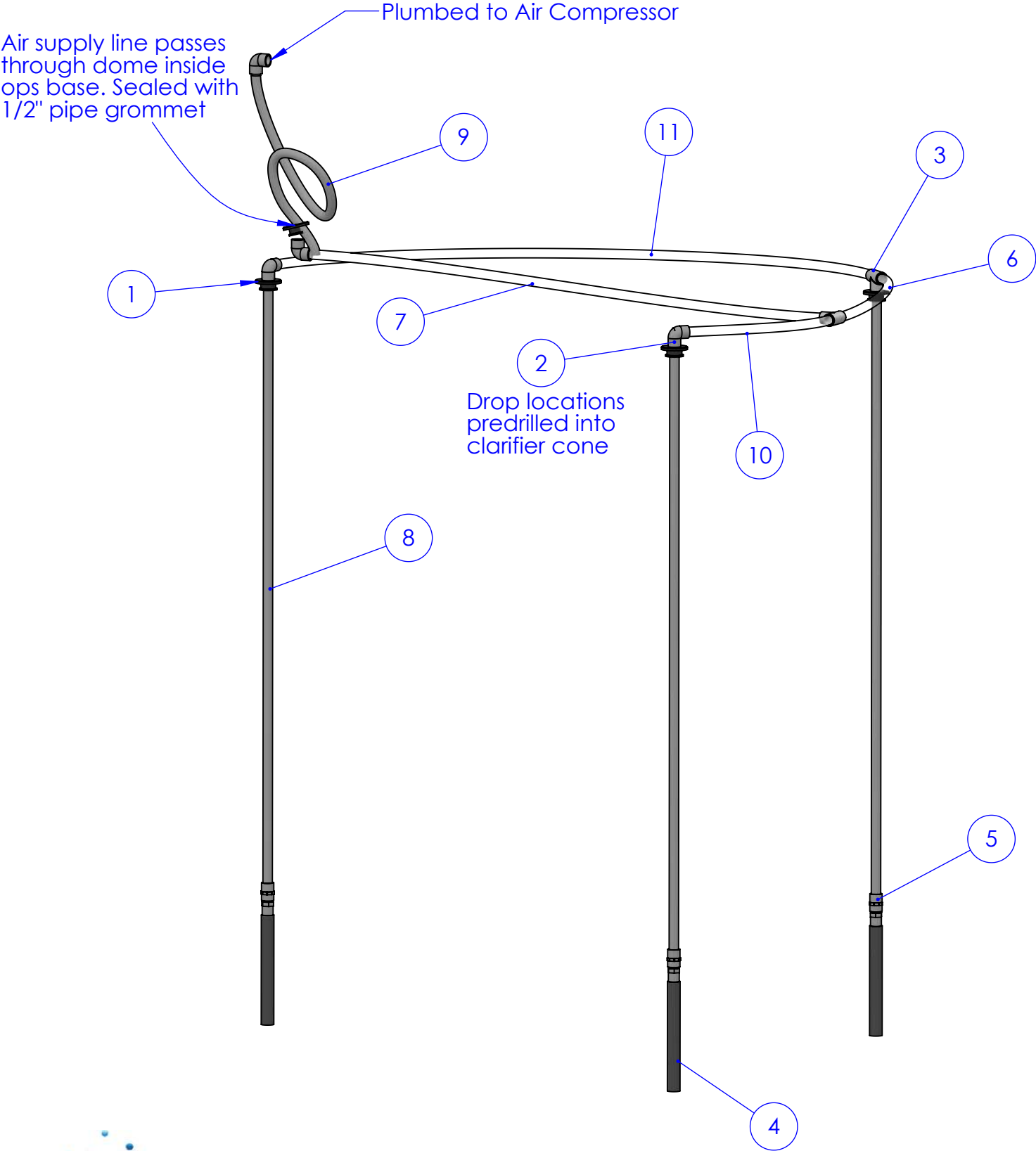
Drawn by	Scale 1:2	Sheet 4: 7	Material	Weight	Tolerances Unless Otherwise Specified	Signature
----------	--------------	---------------	----------	--------	---------------------------------------	-----------

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	AKR50760	Grommet, 4" Sch40	1	
5	AKR50675	Grommet, 4" Sch40	1	
6	120044	Switch, Float MM 20' Green	1	
7	240041	Clamps 3-9/16-4 w/Clip	1	

THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC



THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC



ITEM NO.	Part Number	DESCRIPTION	QTY.	Length
1	AKR50030	Grommet, 1/2" Sch40	4	
2	180103	Elbow, 90 Degree 1/2" Sch40 PVC SxS	4	
3	180100	Tee, 1/2" Sch40 PVC SxSxS	2	
4	100033	Diffuser, Air	3	
5	180099	Adapter, Female 1/2" Sch40 PVC	3	
6	700041	Hose, Spa Flex Sch40 PVC	1	22.76in
7	700041	Hose, Spa Flex Sch40 PVC	1	52.66in
8	180114	Pipe, 1/2" Sch40 PVC	3	55.5in
9	700041	Hose, Spa Flex Sch40 PVC	1	43.56in
10	700041	Hose, Spa Flex Sch40 PVC	1	22.8in
11	700041	Hose, Spa Flex Sch40 PVC	1	62.94in