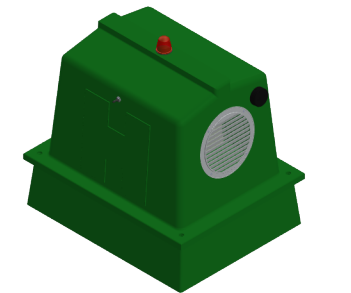
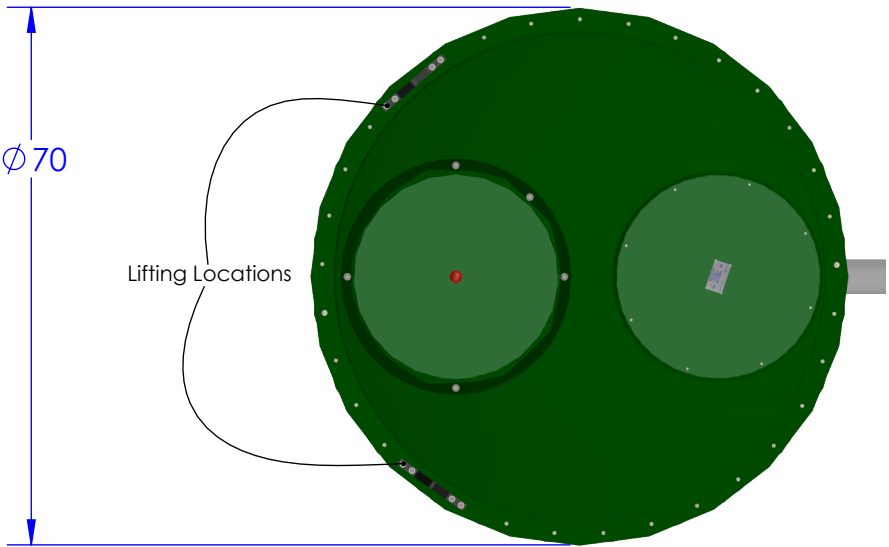


THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC



Remote Blower/Controls Housing



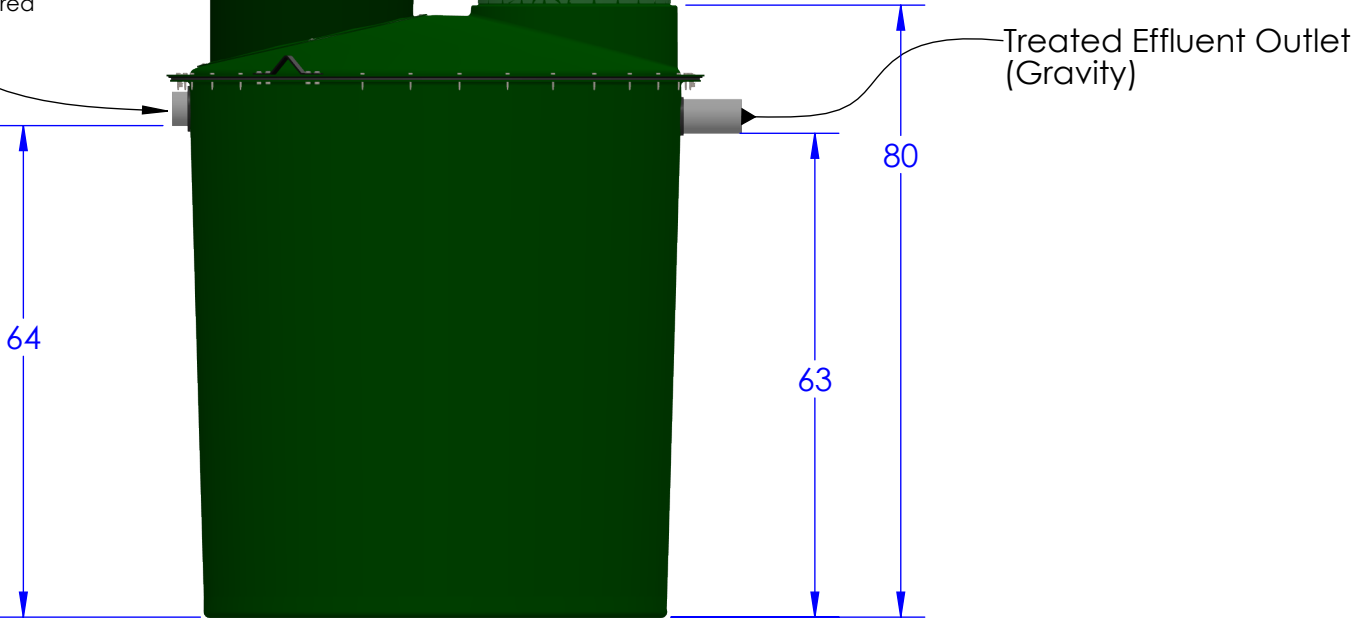
Ø 70

Lifting Locations

Blower / Controls Housing

Sewage Inlet

Pretreatment Settling tank can be incorporated but not required



64

63

80

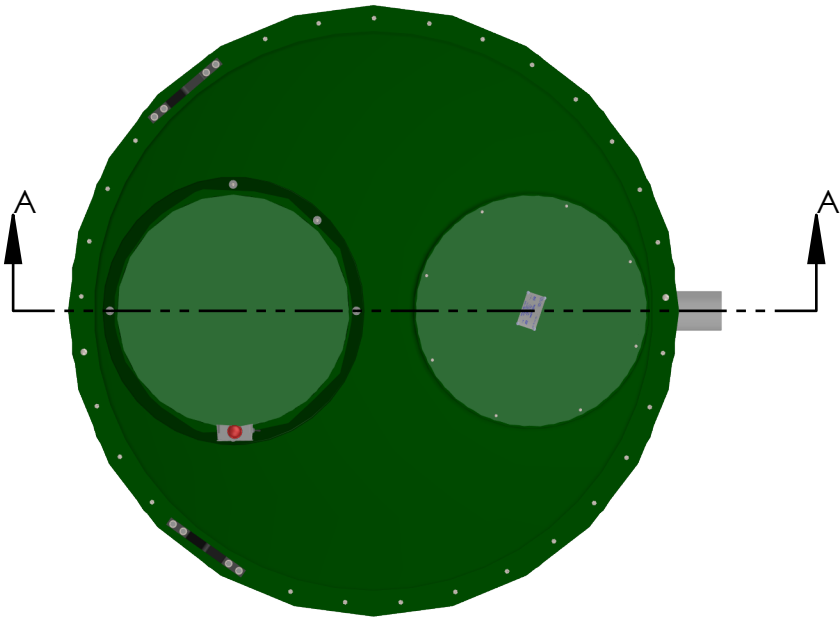
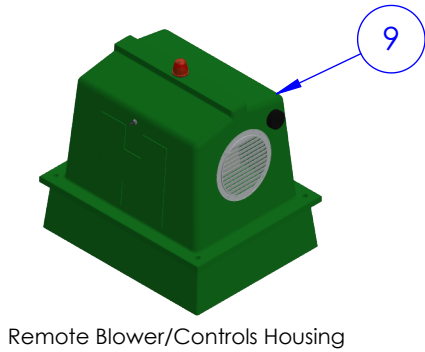
Treated Effluent Outlet
(Gravity)

- 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.
- 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-500
Daily Treatment Capacity	500 Gallons
Total System Working Volume	807 Gallons
Aerobic Working Volume	614 Gallons
Clarifier Working Volume	193 Gallons
Treatment Certification	NSF 40
Supply Power Requirement	1 Phase 120VAC 60Hz 20Amp
Air Supply	HiBlow HP-80 / 2.8 CFM
Tank Material	Fiberglass
Clarifier Material	Fiberglass
Blower / Controls Housing	Polyethylene

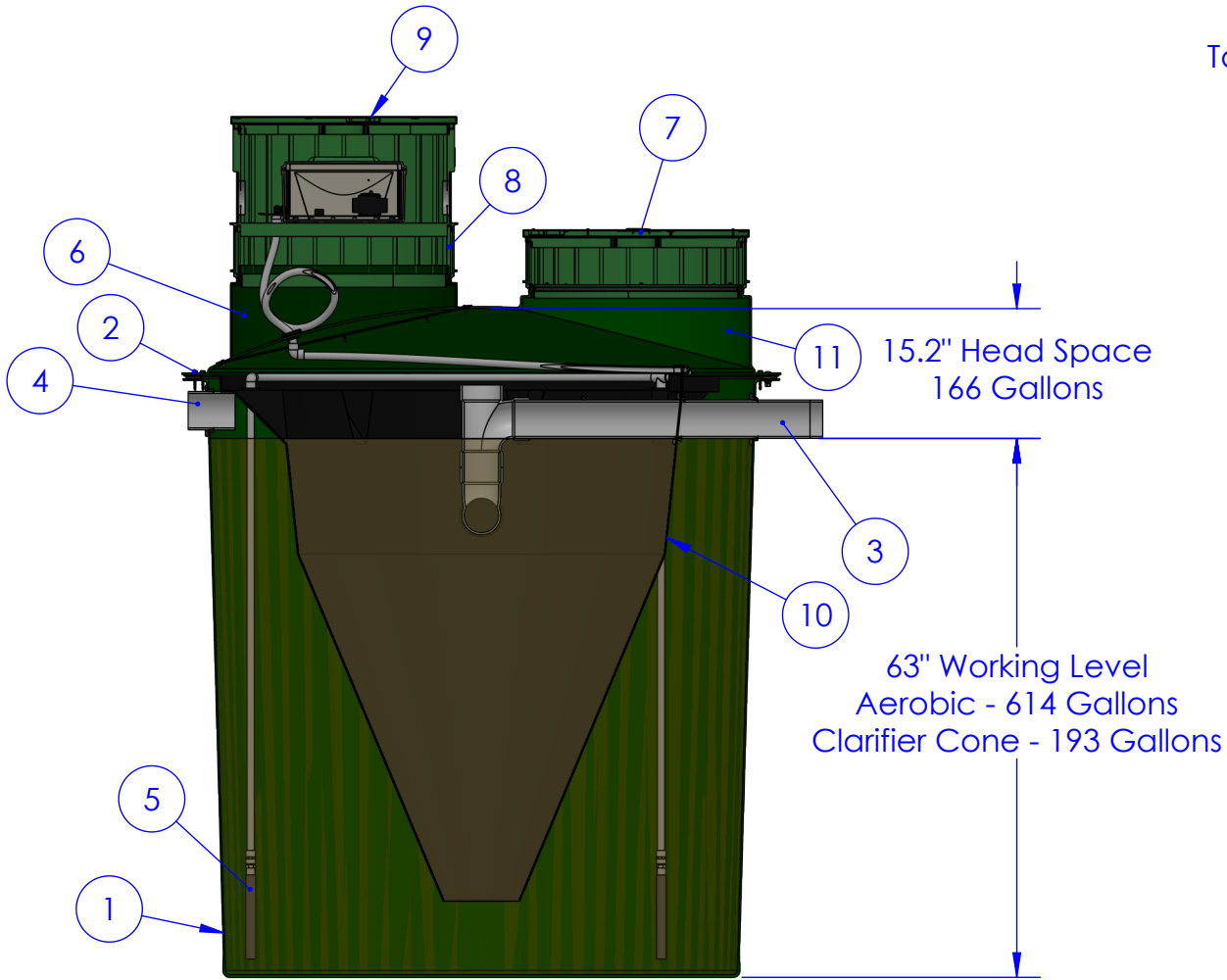


THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC



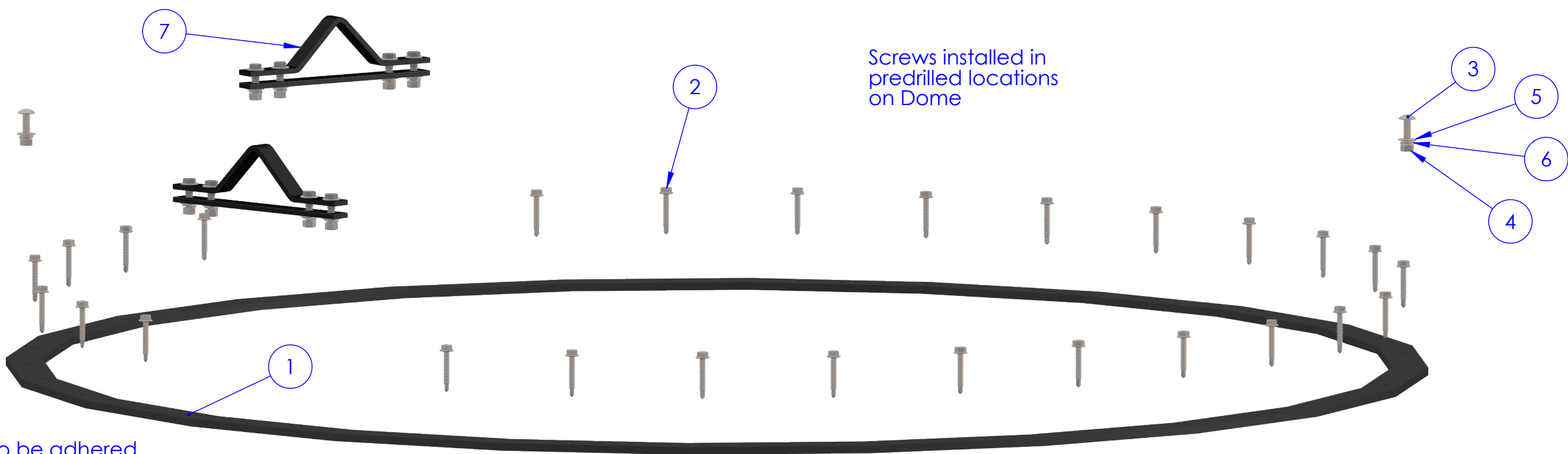
ITEM NO.	Part Number	DESCRIPTION	QTY.
1	HA-180075	Tank, Body AP500 / PP800	1
2	HA-130072	Kit, Small ATU Tank/Dome/Cone	1
3	HA-100071	Assembly, Outlet ATU	1
4	HA-100066	Assembly, Inlet AN ATU	1
5	HA-100058-3DRP	Assembly, Diffuser (3) Drop	1
6	HA-170053	Base, 24" Circle Ops	1
7	HA-130063	Kit, Lid/Riser HVY ATU	1
8	241022	Riser, Tank 24" x 6" PL	1
9	Ops Housing		1
10	HA-240050	AP500 Poly Cone	1
11	HA-180080	Dome, AP500 RTM (No Riser)	1

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



SECTION A-A
SCALE 1 : 22

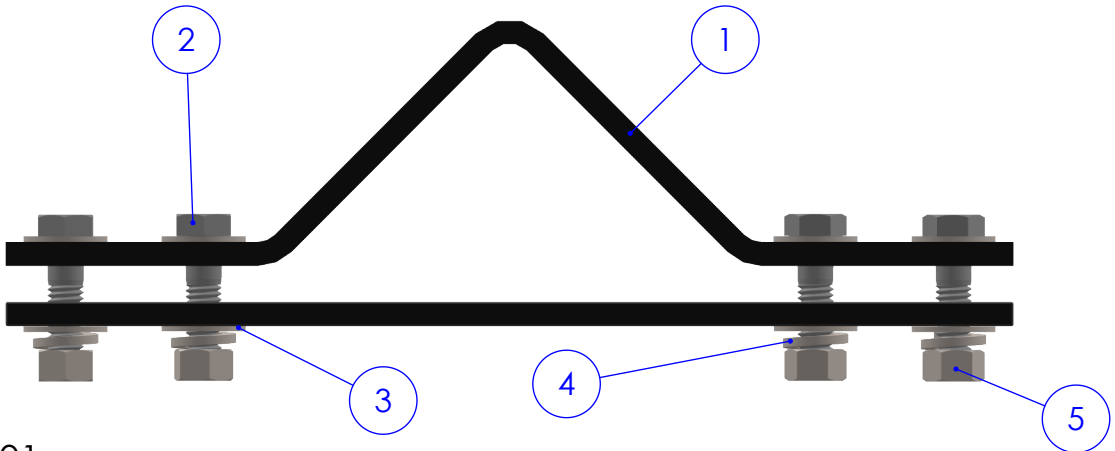
THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC



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.



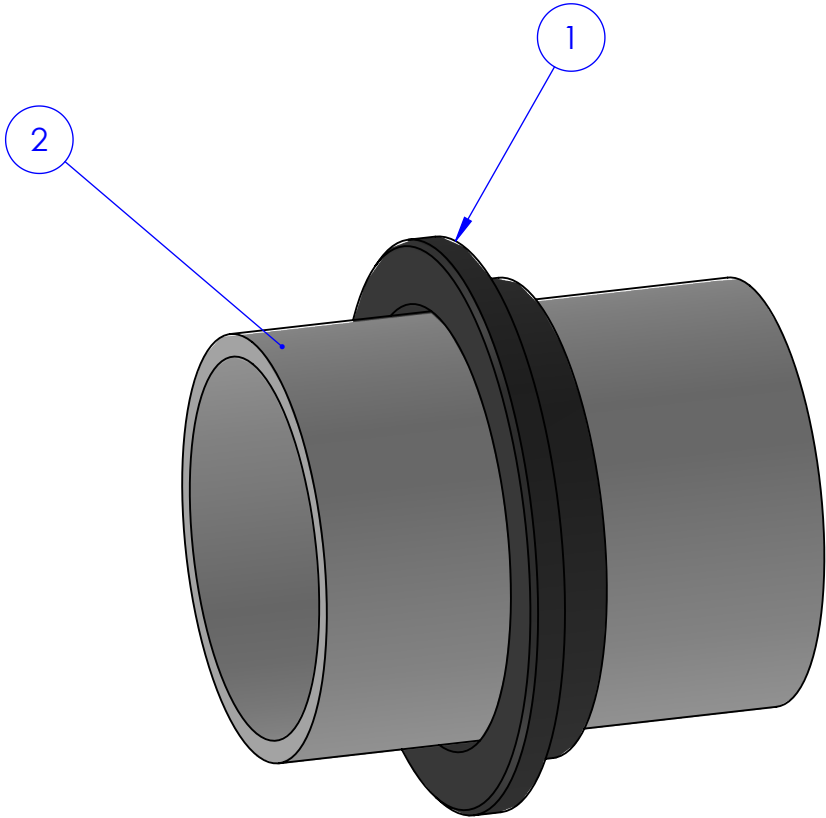
HA-130001

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		

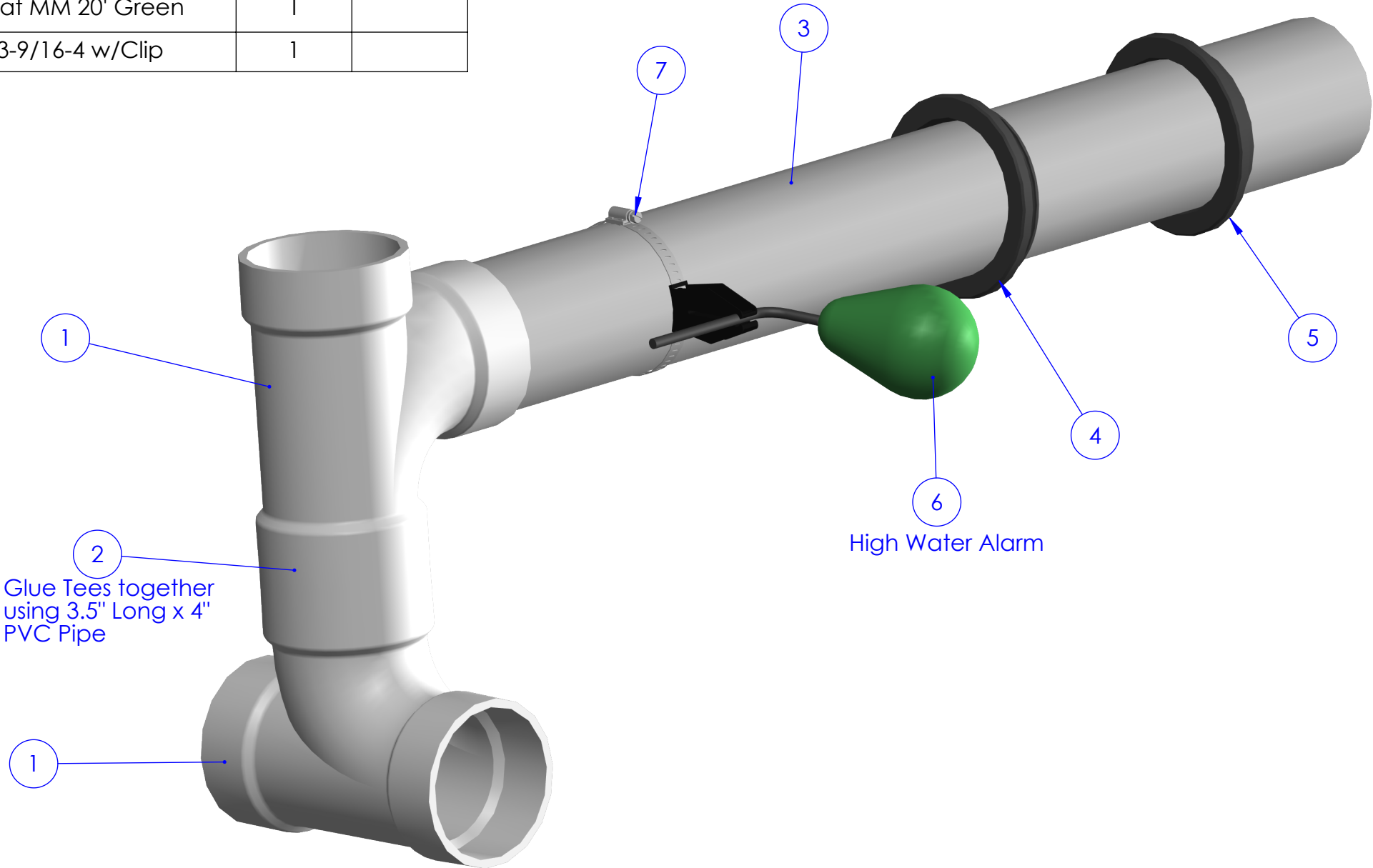
THIS DRAWING IS THE SOLE PROPERTY OF AK/HA MANUFACTURING LLC

ITEM NO.	Part Number	DESCRIPTION	QTY.	Length
1	AKR50675	Grommet, 4" Adapt-A-Flex	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
----------	--------------	---------------	----------	--------	---------------------------------------	-----------

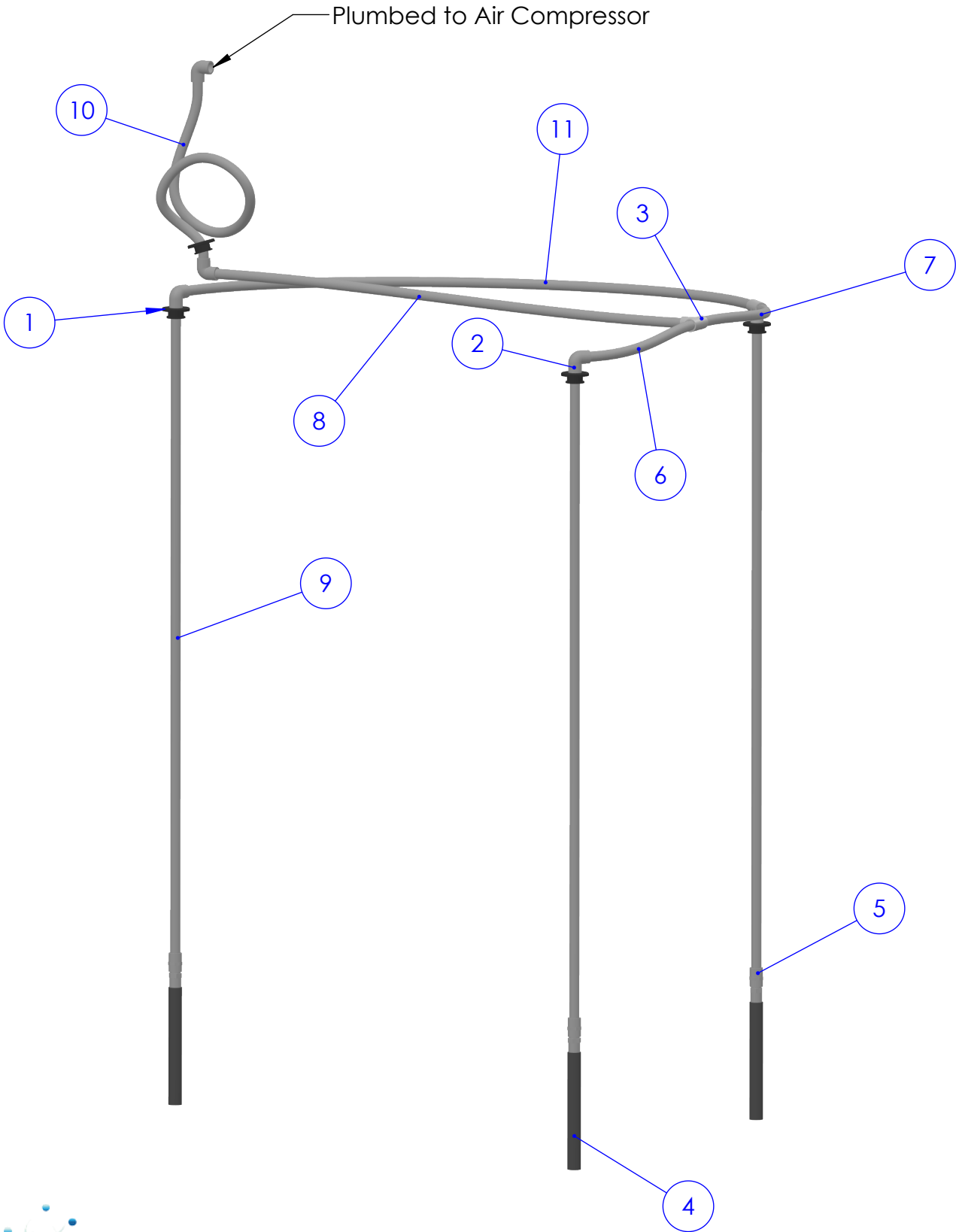
ITEM NO.	Part Number	DESCRIPTION	QTY.	Length
1	180125	Tee, Sanitary 4" Sch40	2	
2	100025	Pipe, 4" PVC Sch40	1	3.5in
3	100025	Pipe, 4" PVC Sch40	1	34.5in
4	AKR50760	4" Sch40 Adapt-AFlex NS	1	
5	AKR50675	Grommet, 4" Adapt-A-Flex	1	
6	120044	Switch, Float MM 20' Green	1	
7	240041	Clamps 3-9/16-4 w/Clip	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" Adapt-A-Flex	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	18.78in
7	700041	Hose, Spa Flex Sch40 PVC	1	18.77in
8	700041	Hose, Spa Flex Sch40 PVC	1	45.18in
9	180114	Pipe, 1/2" Sch40 PVC	3	55in
10	700041	Hose, Spa Flex Sch40 PVC	1	41.55in
11	700041	Hose, Spa Flex Sch40 PVC	1	56.69in

