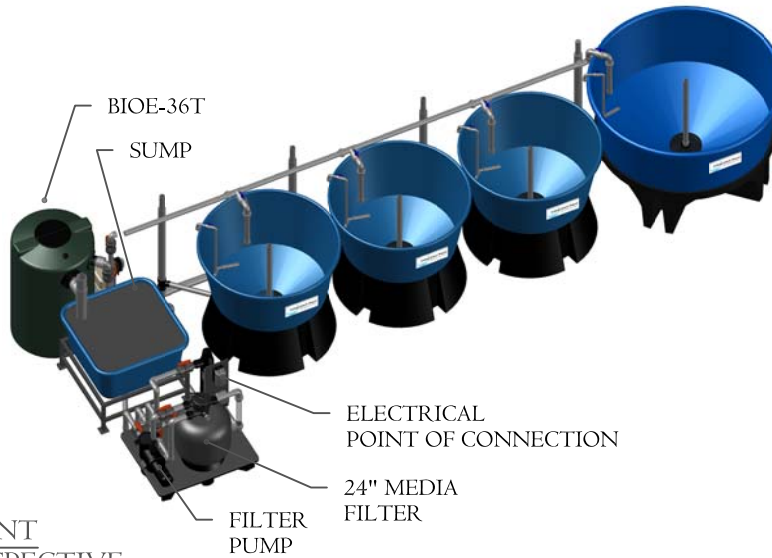


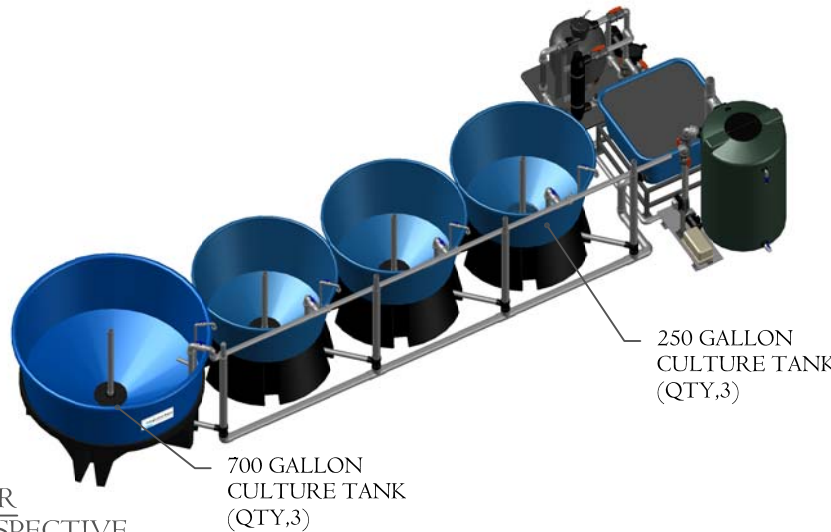
PLAN VIEW



FRONT
PERSPECTIVE



ELEVATION



REAR
PERSPECTIVE

PROJECT/MODEL

RAS-1500
V2-24

REVISIONS

DATE	DESCRIPTION	APPROVED

NOTES:

- TEMPERATURE CONTROL
- AUTOMATIC BACKWASH
- WATER QUALITY MONITORING AND CONTROL
- FOAM FRACTIONATORS
- MULTIPLE TANK CONFIGURATION
- AIR ASSIST BACKWASH
- OZONE
- PURE OXYGEN INJECTION



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DWG # RAS-1500-V2-24- SPEC SHEET

DATE:	12/6/2016	SCALE:	NTS
SIZE:	A	SHEET:	1/1
		DRAWN:	DS

RAS Model	Tank Volume	Flow Rate	UV dose*	Bioloading		TAN Removal (mg/L)**			Electrical
	(total gal)	(gpm)	(mJ/cm2)	Max Feed Rate**	Biofilter	Low	Mid	High	
RAS-1500	1500	45	30	10.7 lbs/day	BioE-36T	107	215	431	120/240-1ph

*UV dose based on max flow rate, end of lamp 9,000 hours, 90% UVT

**Max feed rate based on Mesotrophic water quality (Mid-TAN) and Standard Conditions, 25°C

*** Based on Standard Conditions: max feed rate, 25°C water, 5% makeup water per day, 60kg/m3 bioload, 2% feed rate, 40% protein feed