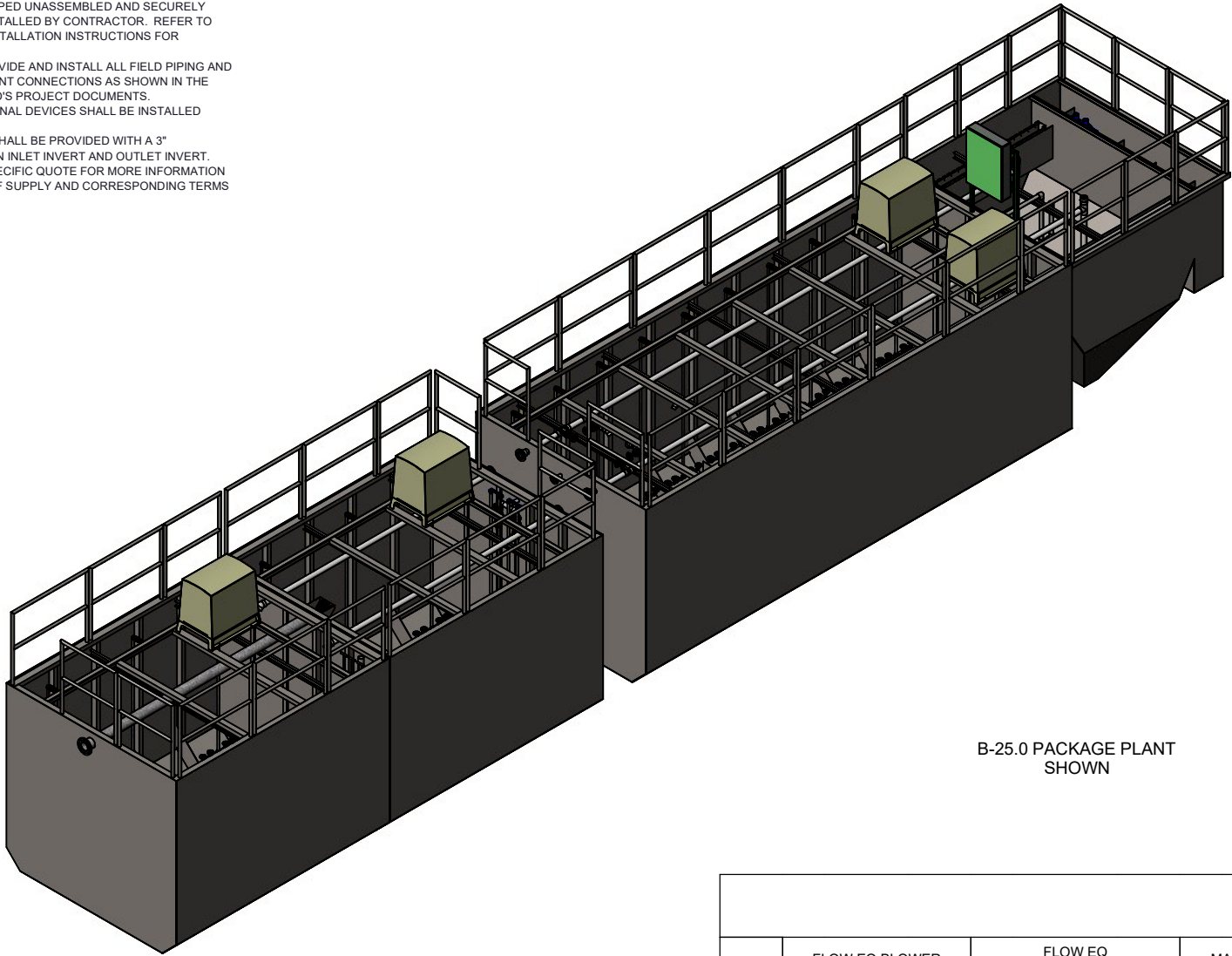


- GENERAL ARRANGEMENT NOTES
- THESE DRAWINGS DEPICT PRELIMINARY LAYOUT(S) OF A WASTEWATER TREATMENT SYSTEM CAPABLE OF TREATING THE DESIGN AVERAGE INFLUENT FLOW AND LOAD TO THE EFFLUENT WATER QUALITY DENOTED IN THE WASTELOAD SUMMARY.
 - THE EQUIPMENT ARRANGEMENT/LAYOUT IS SCHEMATIC IN NATURE AND SOME OBJECTS MAY NOT BE DRAWN TO SCALE. REFER TO THE ENGINEER-OF-RECORD PROJECT DOCUMENTS FOR FINAL SITE AND/OR EQUIPMENT ARRANGEMENT.
 - ALL REACTORS SHALL BE CONSTRUCTED OF A36 CARBON STEEL, MINIMUM 1/4" THICKNESS, PER ENGINEER-OF-RECORD REQUIREMENTS.
 - BLOWERS, WEIRS, CONTROL PANELS, AND VARIOUS SMALL PARTS SHALL BE SHIPPED UNASSEMBLED AND SECURELY PACKAGED, TO BE INSTALLED BY CONTRACTOR. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ADDITIONAL DETAIL.
 - CONTRACTOR TO PROVIDE AND INSTALL ALL FIELD PIPING AND SECURE ALL EQUIPMENT CONNECTIONS AS SHOWN IN THE ENGINEER OF RECORD'S PROJECT DOCUMENTS.
 - REACTORS AND INTERNAL DEVICES SHALL BE INSTALLED PLUMB AND LEVEL.
 - ECOPOD REACTORS SHALL BE PROVIDED WITH A 3" DIFFERENCE BETWEEN INLET INVERT AND OUTLET INVERT.
 - SEE THE PROJECT SPECIFIC QUOTE FOR MORE INFORMATION REGARDING SCOPE OF SUPPLY AND CORRESPONDING TERMS AND CONDITIONS.

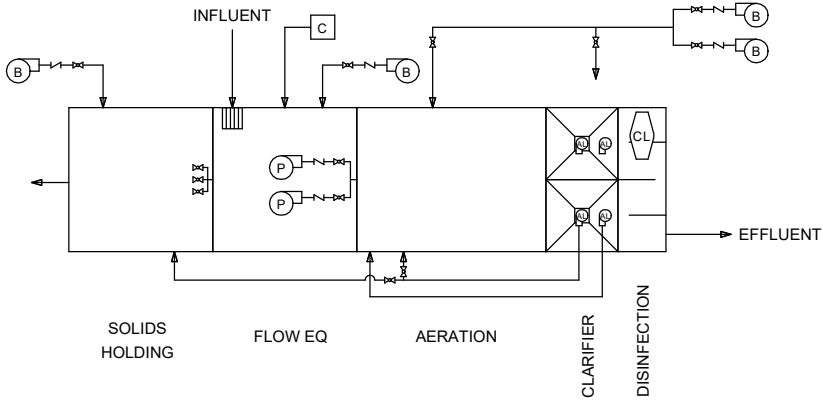


B-25.0 PACKAGE PLANT SHOWN

TABLE 1 PROCESS PARAMETERS											
MODEL	AVG. DAILY FLOW		PEAK DAILY FLOW (PDF)	PEAK HOURLY FLOW (PHF)	INFLUENT BOD	AIR TEMP.	WATER TEMP.		RELATIVE HUMIDITY		SITE ELEV.
	MIN	MAX	MAX	MAX	MAX	MAX	MIN	MAX	MIN	MAX	MAX
B-15.0	7,500 (GPD)	22,500 (GPD)	30,000 (GPD)	60,000 (GPD)	25 (LB/D)	115° F	68° F	90° F	10%	90%	1,000 FT
B-16.0	8,000 (GPD)	24,000 (GPD)	32,000 (GPD)	64,000 (GPD)	26.7 (LB/D)	115° F	68° F	90° F	10%	90%	1,000 FT
B-17.0	8,500 (GPD)	25,500 (GPD)	34,000 (GPD)	68,000 (GPD)	28.4 (LB/D)	115° F	68° F	90° F	10%	90%	1,000 FT
B-18.0	9,000 (GPD)	27,000 (GPD)	36,000 (GPD)	72,000 (GPD)	30 (LB/D)	115° F	68° F	90° F	10%	90%	1,000 FT
B-19.0	9,500 (GPD)	28,500 (GPD)	38,000 (GPD)	76,000 (GPD)	31.7 (LB/D)	115° F	68° F	90° F	10%	90%	1,000 FT
B-20.0	10,000 (GPD)	30,000 (GPD)	40,000 (GPD)	80,000 (GPD)	33.4 (LB/D)	115° F	68° F	90° F	10%	90%	1,000 FT
B-22.5	11,250 (GPD)	33,750 (GPD)	45,000 (GPD)	90,000 (GPD)	37.5 (LB/D)	115° F	68° F	90° F	10%	90%	1,000 FT
B-25.0	12,500 (GPD)	37,500 (GPD)	50,000 (GPD)	100,000 (GPD)	41.7 (LB/D)	115° F	68° F	90° F	10%	90%	1,000 FT

TABLE 2 AIR DEMAND								
PARAMETER	B-15.0	B-16.0	B-17.0	B-18.0	B-19.0	B-20.0	B-22.5	B-25.0
STANDARD AIRFLOW	129 SCFM	136 SCFM	142 SCFM	148 SCFM	154 SCFM	161 SCFM	176 SCFM	192 SCFM
SITE AIR REQ.	146 ICFM	153 ICFM	160 ICFM	167 ICFM	174 ICFM	181 ICFM	198 ICFM	216 ICFM
BLOWER INLET AIR	146 ICFM	153 ICFM	160 ICFM	167 ICFM	174 ICFM	181 ICFM	198 ICFM	216 ICFM
AIR HEADER SIZE	2"	2"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"
BLOWER SELECTION	GARDNER DENVER		GARDNER DENVER					
BLOWER MODEL	3M	3M	4M	4M	4M	4M	4M	4M
NOISE LEVEL	84 dB(A)	85 dB(A)	80 dB(A)	81 dB(A)	81 dB(A)	81 dB(A)	82 dB(A)	83 dB(A)
AIR TEMP. RISE	74° F	73° F	80° F	79° F	78° F	77° F	75° F	74° F
BLOWER INLET DIAMETER	2" NPT	2" NPT	2.5 NPT"	2.5 NPT"	2.5 NPT"	2.5 NPT"	2.5 NPT"	2.5 NPT"
BLOWER OUTLET DIAMETER	2" NPT	2" NPT	2.5 NPT"	2.5 NPT"	2.5 NPT"	2.5 NPT"	2.5 NPT"	2.5 NPT"
MOTOR SELECTION	5 HP	7.5 HP	7.5 HP	7.5 HP	7.5 HP	7.5 HP	7.5 HP	7.5 HP
OPERATING POWER	3.6 kW	3.7 kW	4.3 kW	4.3 kW	4.3 kW	4.5 kW	4.8 kW	6.9 kW
FULL LOAD CURRENT	19.5 A @ 230V 1-PH 60HZ 14.0/7.0 A @ 230/460V 3-PH 60HZ		30.0 A @ 230V 1-PH 60HZ 19.0/9.5 A @ 230/460V 3-PH 60HZ					

TABLE 3 STANDARD EQUIPMENT LIST																								
MODEL	FLOW EQ BLOWER			FLOW EQ DIFFUSERS			MAIN AIR BLOWER			AERATION DIFFUSERS			CHLORINE TABLET FEEDER			CONTROL PANEL			SOLIDS MIXING BLOWER			SOLIDS MIXING DIFFUSERS		
	QTY.	MAKE	MODEL	QTY.	MAKE	MODEL	QTY.	MAKE	MODEL	QTY.	MAKE	MODEL	QTY.	MAKE	MODEL	QTY.	MAKE	MODEL	QTY.	MAKE	MODEL	QTY.	MAKE	MODEL
B-15.0	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75	2	GARDNER DENVER	3M	24	DIFFUSED GAS TECHNOLOGIES	DP-75	1	NORWECO	XT2000	1	DELTA	PER DESIGN	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75
B-16.0	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75	2	GARDNER DENVER	3M	24	DIFFUSED GAS TECHNOLOGIES	DP-75	1	NORWECO	XT2000	1	DELTA	PER DESIGN	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75
B-17.0	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75	2	GARDNER DENVER	4M	24	DIFFUSED GAS TECHNOLOGIES	DP-75	1	NORWECO	XT2000	1	DELTA	PER DESIGN	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75
B-18.0	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75	2	GARDNER DENVER	4M	28	DIFFUSED GAS TECHNOLOGIES	DP-75	1	NORWECO	XT2000	1	DELTA	PER DESIGN	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75
B-19.0	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75	2	GARDNER DENVER	4M	28	DIFFUSED GAS TECHNOLOGIES	DP-75	1	NORWECO	XT2000	1	DELTA	PER DESIGN	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75
B-20.0	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75	2	GARDNER DENVER	4M	32	DIFFUSED GAS TECHNOLOGIES	DP-75	1	NORWECO	XT2000	1	DELTA	PER DESIGN	1	GARDNER DENVER	2M	8	DIFFUSED GAS TECHNOLOGIES	DP-75
B-22.5	1	GARDNER DENVER	2L	8	DIFFUSED GAS TECHNOLOGIES	DP-75	2	GARDNER DENVER	4M	36	DIFFUSED GAS TECHNOLOGIES	DP-75	1	NORWECO	XT2000	1	DELTA	PER DESIGN	1	GARDNER DENVER	2L	8	DIFFUSED GAS TECHNOLOGIES	DP-75
B-25.0	1	GARDNER DENVER	2L	12	DIFFUSED GAS TECHNOLOGIES	DP-75	2	GARDNER DENVER	4M	40	DIFFUSED GAS TECHNOLOGIES	DP-75	1	NORWECO	XT2000	1	DELTA	PER DESIGN	1	GARDNER DENVER	2L	12	DIFFUSED GAS TECHNOLOGIES	DP-75



PRELIMINARY



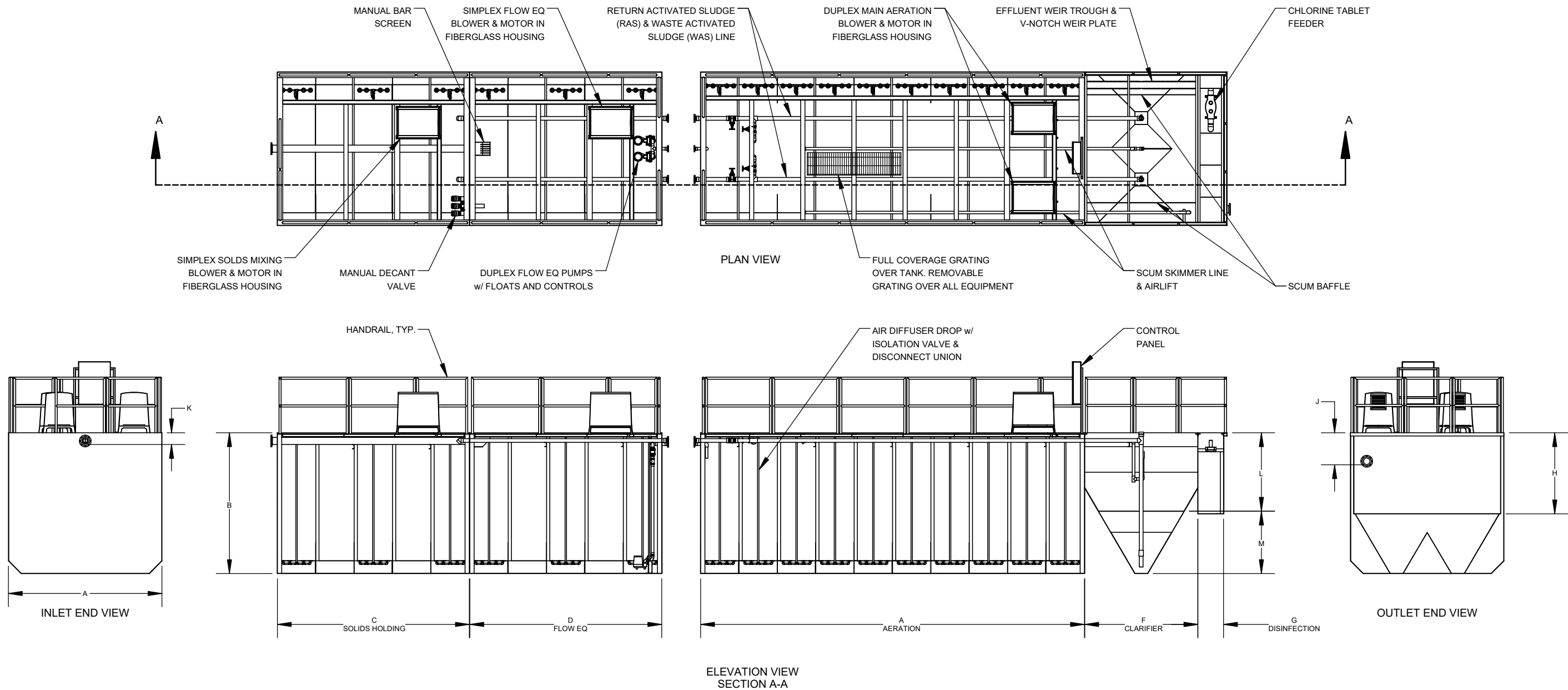
NO.	DATE	INITIALS	DESCRIPTION	<div>Infiltrator Water Technologies Part of </div> <div>INFILTRATOR WATER TECHNOLOGIES, LLC 4 BUSINESS PARK RD, OLD SAYBROOK, CT 06475 WWW.INFILTRATORWATER.COM PHONE: (800) 221-4436 / EMAIL: INFO@INFILTRATORWATER.COM</div>	<div>ENVIRO-AIRE PACKAGE PLANT B-15.0 THROUGH B-25.0</div>	HORIZ. SCALE	PROJECT NO.
						N/A	N/A
						VERT. SCALE	DATE
						N/A	04/16/2025
						DRAWN BY	DESIGNED BY
				KJS	JLS		
				DRAWING NO.	SHEET NO.		
				C1.0	01 of 02		

TABLE 4 PACKAGE PLANT DIMENSIONS																				
MODEL	FLOW EQ VOLUME (GAL)	AERATION VOLUME (GAL)	CLARIFIER VOLUME (GAL)	CCT VOLUME (GAL)	SOLIDS HOLDING VOLUME (GAL)	A	B	C	D	E	F	G	H	J	K	L	M	SWD	INLET SIZE	OUTLET SIZE
B-15.0	7,812	15,429	3,242	399	7,812	12' - 0"	11' - 0"	9' - 0"	9' - 0"	18' - 0"	5' - 9"	2' - 0"	4' - 10"	2' - 6"	11"	7' - 0"	4' - 0"	9' - 6"	6"	6"
B-16.0	8,246	16,286	3,242	428	8,246	12' - 0"	11' - 0"	9' - 6"	9' - 6"	19' - 0"	5' - 9"	2' - 0"	5' - 0"	2' - 6"	11"	7' - 0"	4' - 0"	9' - 6"	6"	6"
B-17.0	8,680	17,143	3,242	457	8,680	12' - 0"	11' - 0"	10' - 0"	10' - 0"	20' - 0"	5' - 9"	2' - 0"	5' - 2"	2' - 6"	11"	7' - 0"	4' - 0"	9' - 6"	6"	6"
B-18.0	9,114	18,000	3,242	485	9,114	12' - 0"	11' - 0"	10' - 6"	10' - 6"	21' - 0"	5' - 9"	2' - 0"	5' - 4"	2' - 6"	11"	7' - 0"	4' - 0"	9' - 6"	6"	6"
B-19.0	9,982	19,715	3,242	514	9,982	12' - 0"	11' - 0"	11' - 6"	11' - 6"	23' - 0"	5' - 9"	2' - 0"	5' - 6"	2' - 6"	11"	7' - 0"	4' - 0"	9' - 6"	6"	6"
B-20.0	10,416	20,572	4,202	657	10,416	12' - 0"	11' - 0"	12' - 0"	12' - 0"	24' - 0"	8' - 10"	2' - 0"	6' - 4"	2' - 6"	11"	6' - 4"	4' - 8"	9' - 6"	6"	6"
B-22.5	11,719	23,144	4,202	657	11,719	12' - 0"	11' - 0"	13' - 6"	13' - 6"	27' - 0"	8' - 10"	2' - 0"	6' - 4"	2' - 6"	11"	6' - 4"	4' - 8"	9' - 6"	6"	6"
B-25.0	13,021	25,715	4,202	657	13,021	12' - 0"	11' - 0"	15' - 0"	15' - 0"	30' - 0"	8' - 10"	2' - 0"	6' - 4"	2' - 6"	11"	6' - 4"	4' - 8"	9' - 6"	6"	6"



PRELIMINARY

NO.	DATE	INITIALS	DESCRIPTION



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ENVIRO-AIRE PACKAGE PLANT B-15.0 THROUGH B-25.0		HORIZ. SCALE N/A	PROJECT NO. N/A
GENERAL ARRANGEMENT DIMENSIONS		VERT. SCALE N/A	DATE 04/16/2025
		DRAWN BY KJS	DESIGNED BY JLS
		DRAWING NO. C1.1	SHEET NO. 02 of 02