

NOTES:

1. INSTALL TANK PER PRECASTER INSTRUCTIONS.
2. IF PRECAST DIMENSIONS ARE OUTSIDE THE MINIMUM DIMENSIONS, CONTACT INFILTRATOR WATER TECHNOLOGIES FOR REVIEW.
3. FOR DESIGNS WITH TREATMENT CAPACITIES GREATER THAN 1,500 GPD, CONTACT INFILTRATOR WATER TECHNOLOGIES FOR REVIEW.
4. OPTIONAL SCHEDULE 40 PVC INSERT INSTALLED TO RAISE ECOPOD TO INLET AND OUTLET HEIGHT REQUIREMENTS.

TABLE 3: ENVIRO-AIRE SPECIFICATIONS

TREATMENT PLANT	TREATMENT CAPACITY (GPD)	TOTAL VOLUME (GAL.)	PRIMARY VOLUME (GAL.)	AERATION VOLUME (GAL.)	CLARIFIER VOLUME (GAL.)	BOD LOADING (LSB/DAY)
EA50	500	1,113	346	584	186	1.25
EA60	600	1,670	519	879	279	1.5
EA75	700	1,670	519	879	279	1.875
EA80	800	1,805	550-750	935	319	2

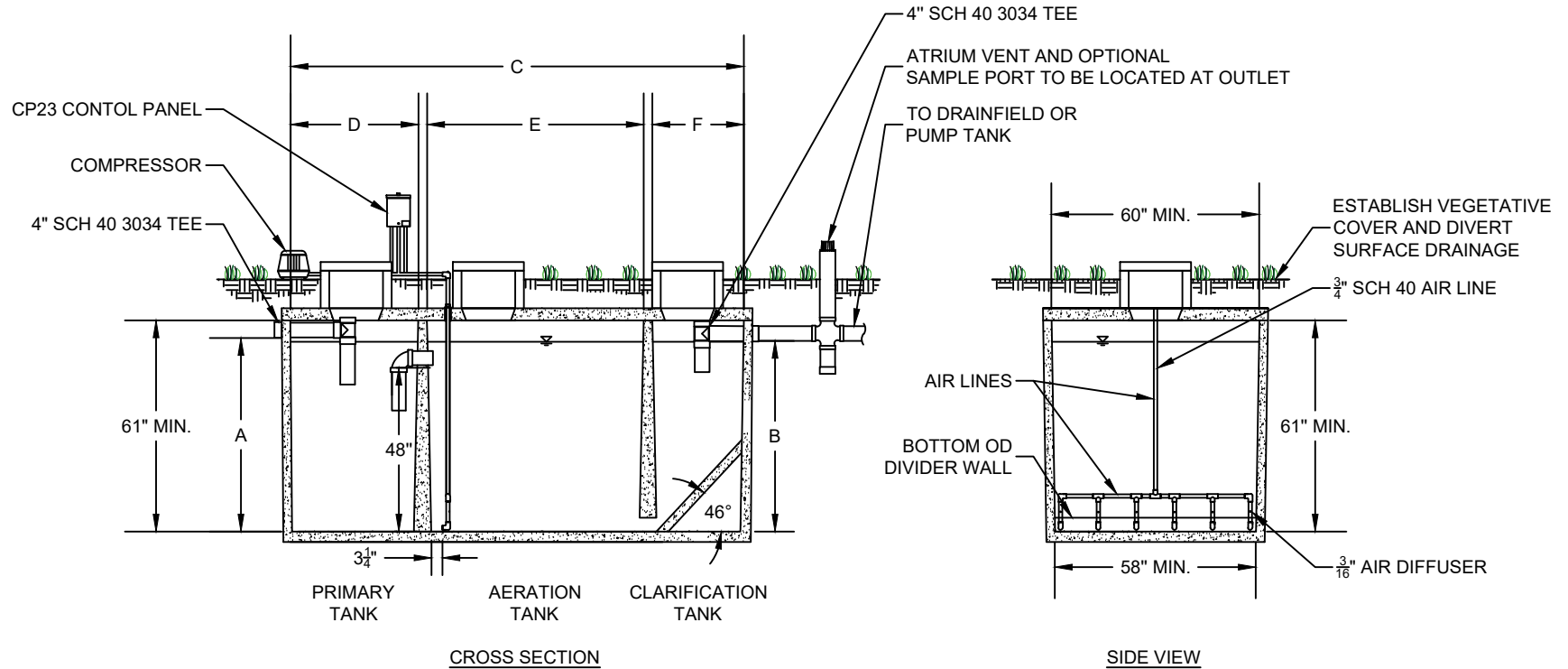


TABLE 1: ELECTRICAL REQUIREMENTS

MODEL	COMPRESSOR	MOTOR FULL LOAD AMPS	MEASURED OPERATING WATTS	ELECTRICAL REQ.
EA50	5060A (2.5 CFM)	1.75 1.75	63	115V - 1PH
EA60	5078S (3.3 CFM)	2.4	85	115V - 1PH
EA75	5100 (4.5 CFM)	2.1	107	115V - 1PH
EA80	5100 (4.0 CFM)	2.5	108	115V - 1PH

TABLE 2: MINIMUM TANK DIMENSIONS

TREATMENT PLANT	A	B	C	D	E	F
EA50	55"	53"	94 1/2"	26 1/2"	45"	18"
EA60	56"	55"	130 3/4"	37"	62 1/2"	26 1/2"
EA75	56"	55"	130 3/4"	37"	62 1/2"	26 1/2"
EA80	55"	54"	145 3/4"	46 1/4"	67"	27 1/2"



INFILTRATOR WATER TECHNOLOGIES, LLC
 4 BUSINESS PARK RD, OLD SAYBROOK, CT 06475
 WWW.INFILTRATORWATER.COM
 PHONE: (800) 221-4436 / EMAIL: INFO@INFILTRATORWATER.COM



ENVIRO-AIRE PRECAST CONCRETE TANK MIN. SPECIFICATIONS

PART NO.
EA80
 DATE
07/24/2024
 SCALE
1:50
 SHEET NO.
01 of 01