



- GENERAL NOTES
1. ECOPOD REACTOR BOX SHALL BE CONSTRUCTED OF AISI 304/304L STAINLESS STEEL.
  2. TANK MATERIAL OPTIONS:
    - 2.1. CARBON STEEL PER ASTM A36 w/COATING PER DELTA STANDARDS.
    - 2.2. FIBERGLASS REINFORCED PLASTIC (FRP) (NOT ALL MODELS).
    - 2.3. PRECAST CONCRETE PER ENGINEER OF RECORD REQUIREMENTS, BY OTHERS.
    - 2.4. CAST-IN-PLACE CONCRETE PER ENGINEER OF RECORD REQUIREMENTS, BY OTHERS.
  3. SEE INSTALLATION GUIDE FOR INSTALLATION DETAILS.
  4. CONTACT AN IWT/DELTA REPRESENTATIVE REGARDING DEVIATIONS FROM THESE STANDARDS.

SITE ELEVATION		LAYOUT ID	REACTOR WEIGHT		A OVERALL LENGTH		B OVERALL WIDTH		B1 AIR HEADER CL DIM	
FT	M		LB	KG	IN	CM	IN	CM	IN	CM
0-3,000	0-914	2	2,660	1,210	314	798	113	288	62	158
0-3,000	0-914	3	2,860	1,298	399	1,014	89	227	50	127

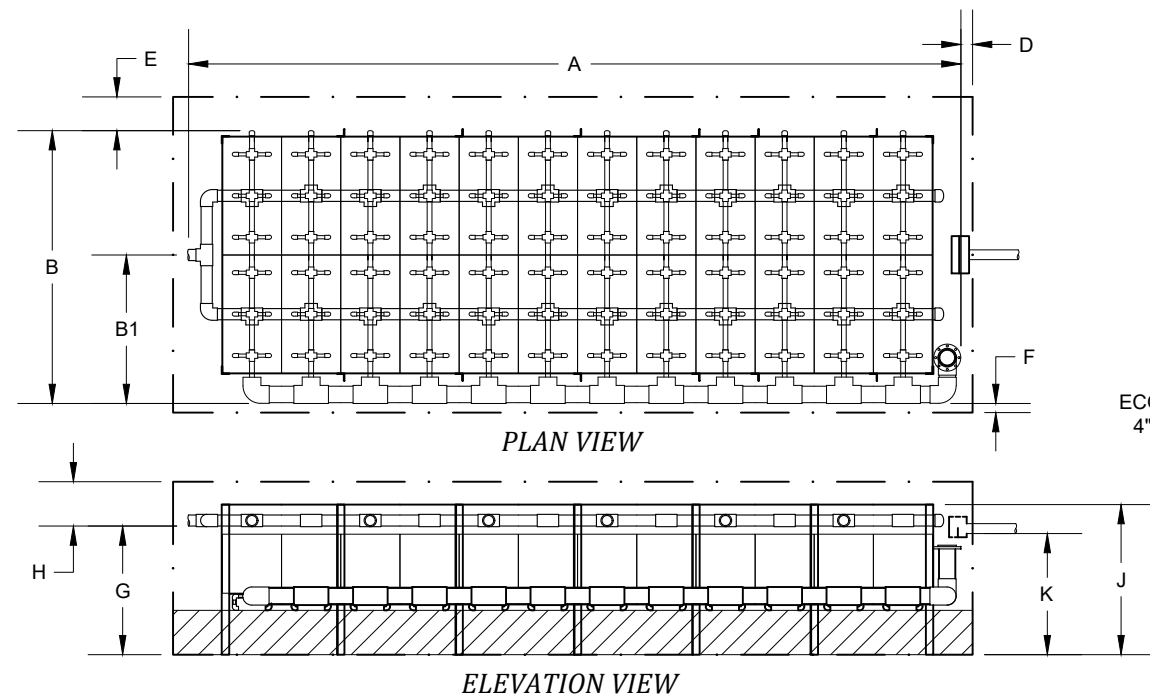
1. SOME REACTOR LAYOUTS NOT AVAILABLE IN FIBERGLASS TANKS. CONTACT AN IWT/DELTA REPRESENTATIVE FOR DETAILS.

DIMENSION	IN	CM
C VESSEL FRONT SPACE	12	30
D VESSEL REAR SPACE	18	46
E AIR HEADER SIDE INSIDE SPACE	6	15
F NO HEADER SIDE INSIDE SPACE	6	15

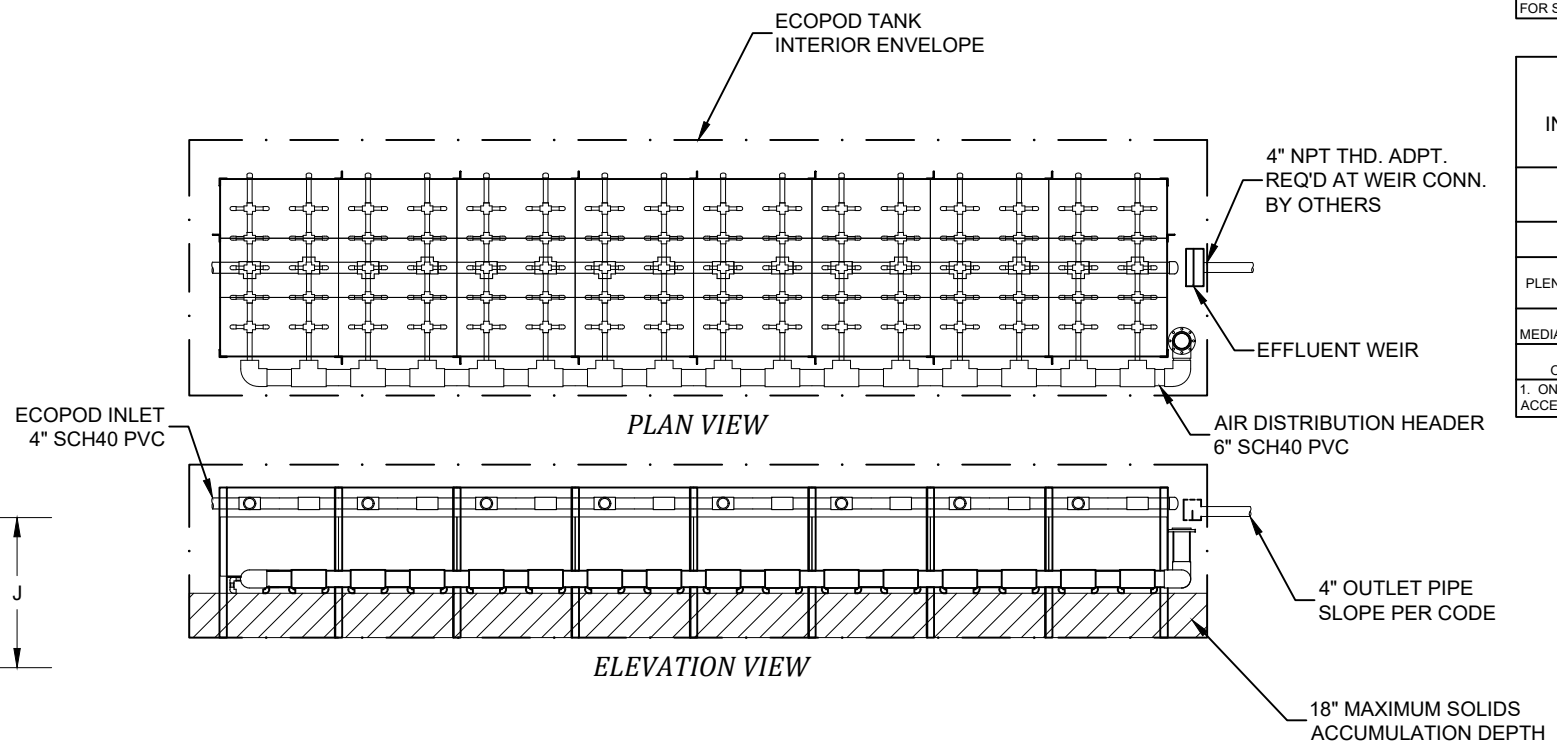
1: ADDITIONAL ACCESS HATCHES RECOMMENDED FOR SOLIDS REMOVAL ALONG VESSEL SIDES.

DIMENSION	IN	CM
G INLET INVERT	50	127
H PLENUM SPACE ABOVE INLET INVERT	10	25
J MEDIA REACTOR HEIGHT	59	150
K OUTLET INVERT	47	119

1. ONE (1 EA.) INLET AND ONE (1 EA.) OUTLET ACCESS HATCH REQUIRED, 24" DIA MINIMUM.




LAYOUT 2



LAYOUT 3

NO.	DATE	INITIALS	DESCRIPTION


**Delta Treatment Systems, LLC**  
An Infiltrator Water Technologies Company

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**DELTA ECOPOD E800S-N**  
**STANDARD DESIGN FOR BOD AND NITRIFICATION**

**GENERAL ARRANGEMENT**  
**LAYOUT DIMENSIONS**

HORIZ. SCALE N/A	PROJECT NO. N/A
VERT. SCALE N/A	DATE 05/19/2021
DRAWN BY CGK	DESIGNED BY AOB
DRAWING NO. C1.1	SHEET NO. 02 of 02

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