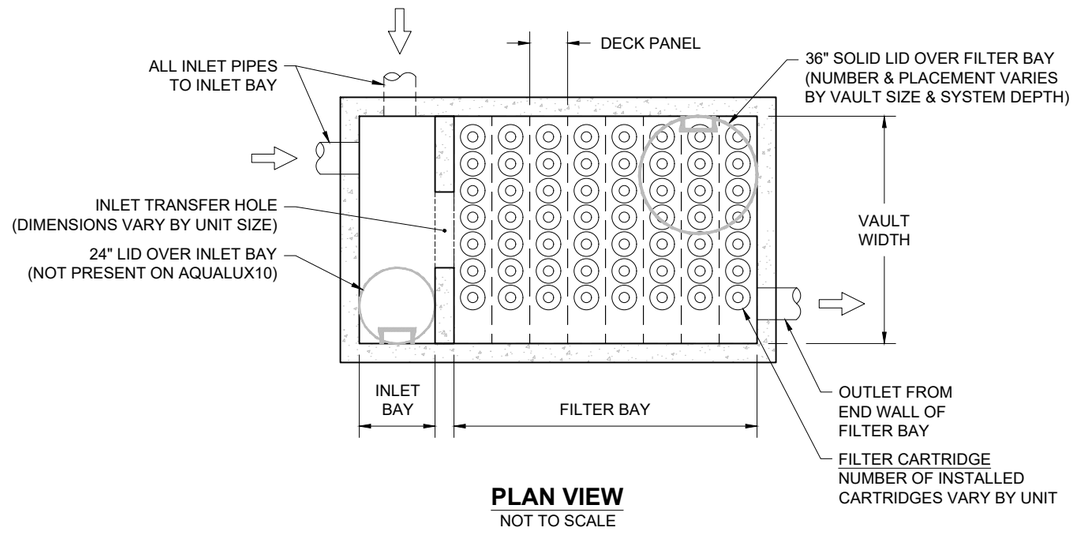
THE AQUALUX™ IS A STORMWATER FILTRATION TECHNOLOGY THAT RELIES ON SEDIMENTATION & FILTRATION MECHANISMS TO REMOVE TOTAL SUSPENDED SOLIDS, TOTAL PHOSPHORUS, TOTAL NITROGEN, HEAVY METALS, OIL AND GREASE, TRASH AND BACTERIA.

Model	Maximum Filters	Minimum Vault Size[3] (ft)	Filter Bay (ft)	Filtration Contact Area (sf)	Mass Capture Capacity (lbs)	MTFR[1] (cfs)	Maximum Allowable Drainage Area[2] (acres)
AQUALUX10	10	4 x 4	4 x 2	14	183.5	0.446	0.306
AQUALUX20	20	4 x 6	4 x 4	22	366.9	0.891	0.612
AQUALUX28	28	6 x 6	6 x 4	33	513.7	1.248	0.856
AQUALUX30	30	4 x 8	4 x 6	30	550.4	1.337	0.917
AQUALUX35	35	4 x 10	4 x 7	38	642.1	1.560	1.070
AQUALUX40	40	8 x 6	8 x 4	44	733.8	1.783	1.223
AQUALUX42	42	6 x 8	6 x 6	45	770.5	1.872	1.284
AQUALUX49	49	6 x 9	6 x 7	51	898.9	2.184	1.498
AQUALUX56	56	6 x 10	6 x 8	57	1027.3	2.496	1.712
AQUALUX60	60	8 x 8	8 x 6	60	1100.7	2.674	1.935
AQUALUX70	70	8 x 10	8 x 7	76	1284.2	3.120	2.140
AQUALUX90	90	8 x 12	8 x 9	92	1651.1	4.011	2.752
AQUALUX100	100	8 x 14	8 x 10	108	1834.5	4.456	3.058
AQUALUX108	108	10 x 12	10 x 9	115	1981.3	4.813	3.302
AQUALUX120	120	8 x 16	8 x 12	124	2201.4	5.348	3.669
AQUALUX126	126	12 x 12	12 x 9	138	2311.5	5.615	3.852
AQUALUX132	132	10 x 14	10 x 11	135	2421.6	5.883	4.036
AQUALUX150	150	8 x 20	8 x 15	156	2751.8	6.685	4.586
AQUALUX154	154	12 x 14	12 x 11	162	2825.1	6.863	4.709
AQUALUX168	168	10 x 18	10 x 14	175	3082.0	7.487	5.137
AQUALUX182	182	12 x 16	12 x 13	186	3338.8	8.111	5.565
AQUALUX192	192	10 x 20	10 x 16	195	3522.3	8.556	5.870
AQUALUX210	210	12 x 18	12 x 15	210	3852.5	9.359	6.421
AQUALUX224	224	12 x 20	12 x 16	234	4109.3	9.983	6.849

1. MTFR is based on 0.146 gpm/ft2 (0.0003253 cfs/ft2) of effective filtration treatment area.
2. Drainage area is calculated based on 600 lbs. of mass contributed per acre of drainage area annually.
3. Minimum vault size required to meet ESTA/EFTA ratio of 0.0073



PLAN VIEW
NOT TO SCALE

AQUALUX SPECIFICATIONS

PRODUCTS

A. INTERNAL COMPONENTS: SHALL BE 304 STAINLESS STEEL MATERIALS FOR VAULT INSTALLATIONS.

B. FILTER MEDIA: FILTER MEDIA IS PLEATED MEMBRANE MATERIAL WITH PLASTIC FITTINGS.

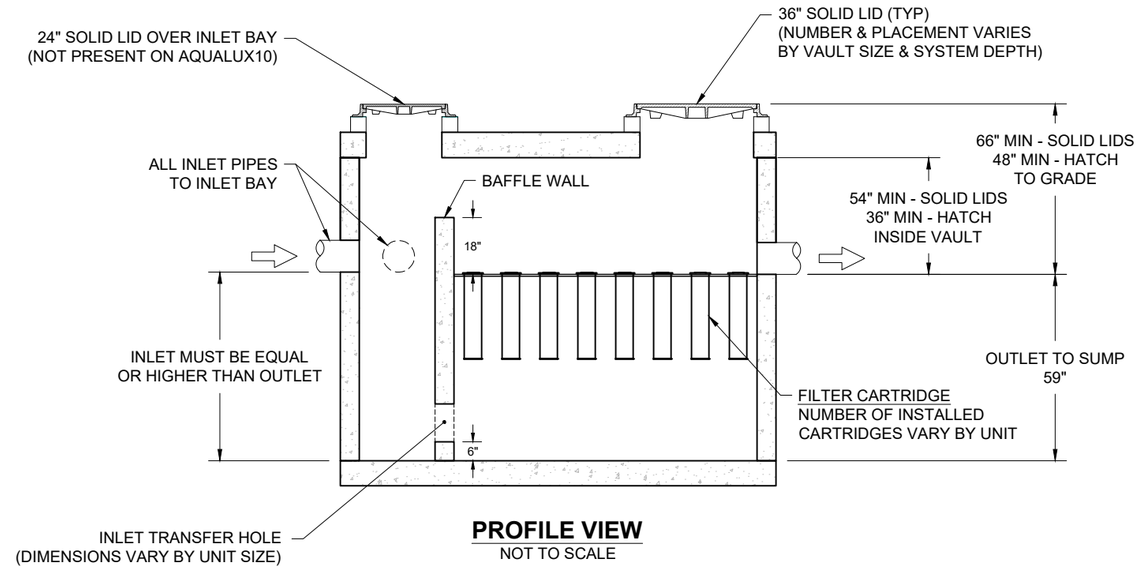
C. CONCRETE STRUCTURES: DESIGNED FOR H-20 AND/OR HS-20 TRAFFIC LOADING AND APPLICABLE SOIL LOADS OR AS OTHERWISE DETERMINED BY A LICENSED PROFESSIONAL ENGINEER. THE MATERIALS AND STRUCTURAL DESIGN OF THE DEVICES SHALL BE PER ASTM C857 AND ASTM C858.

PERFORMANCE

A. THE STORMWATER FILTER SYSTEM SHALL BE AN ONLINE OR OFFLINE DESIGN BASED ON LOCAL REQUIREMENTS CAPABLE OF TREATING 100% OF THE REQUIRED TREATMENT FLOW AT FULL SEDIMENT LOAD CONDITIONS.
B. THE STORMWATER FILTER SYSTEM SHALL HAVE NO MOVING PARTS.
C. THE STORMWATER FILTER SYSTEM SHALL BE DESIGNED TO REMOVE AT LEAST 80% OF SUSPENDED SOLIDS.

AQUALUX INSTALLATION NOTES

INSTALLATION OF THE STORMWATER TREATMENT UNIT(S) SHALL BE PERFORMED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. SUCH INSTRUCTIONS CAN BE OBTAINED DIRECTLY FROM YOUR LOCAL ADS REPRESENTATIVE OR BY LOGGING ON TO WWW.ADSPIPE.COM.



PROFILE VIEW
NOT TO SCALE

AQUALUX VAULT
GENERAL CONFIGURATION
NJDEP APPROVAL

DATE: 09/22/26 DRAWN: JLM
DRAWING #: 561-010 CHECKED: AT

DATE	DWN	CHK

AQUALUX™
Stormwater Filter

WWW.ADSPIPE.COM

ADS

THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS/STORMTECH UNDER THE DIRECTION OF THE PROJECT'S ENGINEER OF RECORD ("EOR") OR OTHER PROJECT REPRESENTATIVE. THIS DRAWING IS NOT INTENDED FOR USE IN BIDDING OR CONSTRUCTION WITHOUT THE EOR'S PRIOR APPROVAL. EOR SHALL REVIEW THIS DRAWING PRIOR TO BIDDING AND/OR CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE EOR TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.