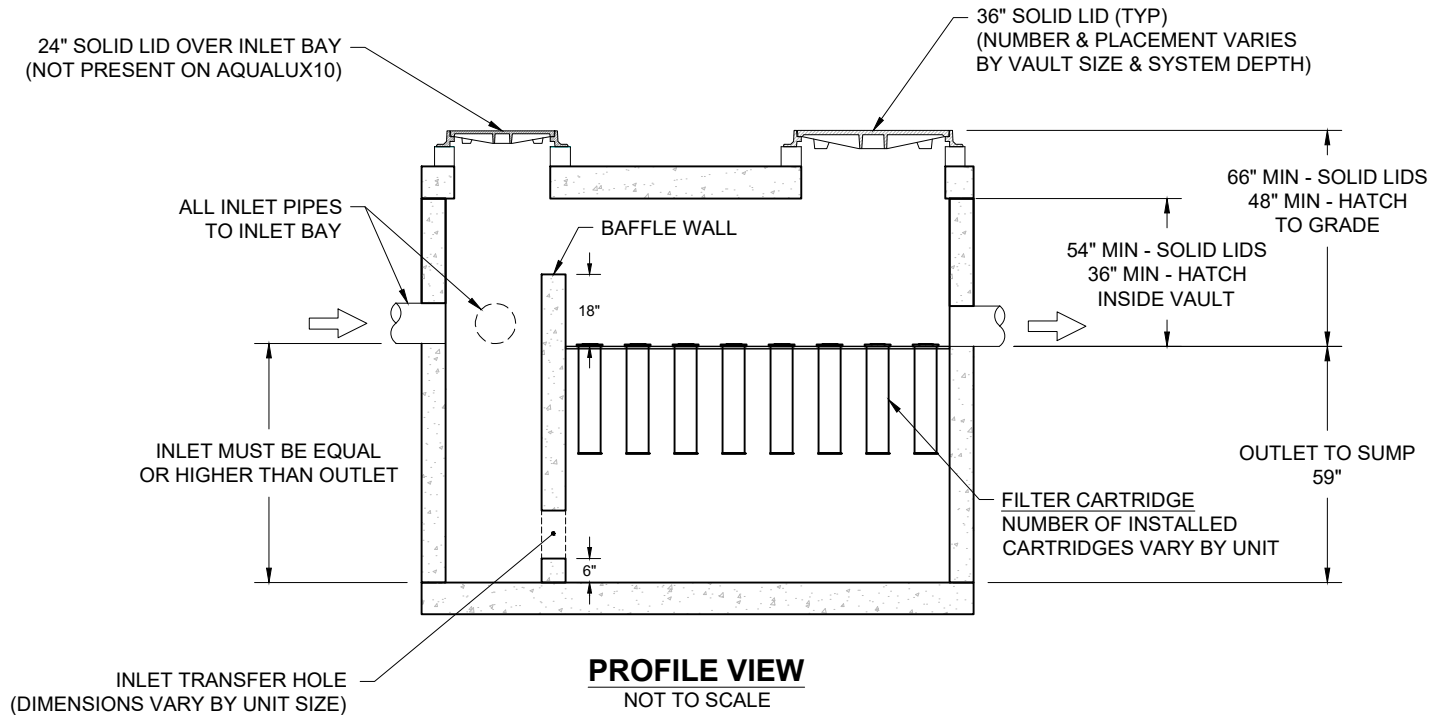
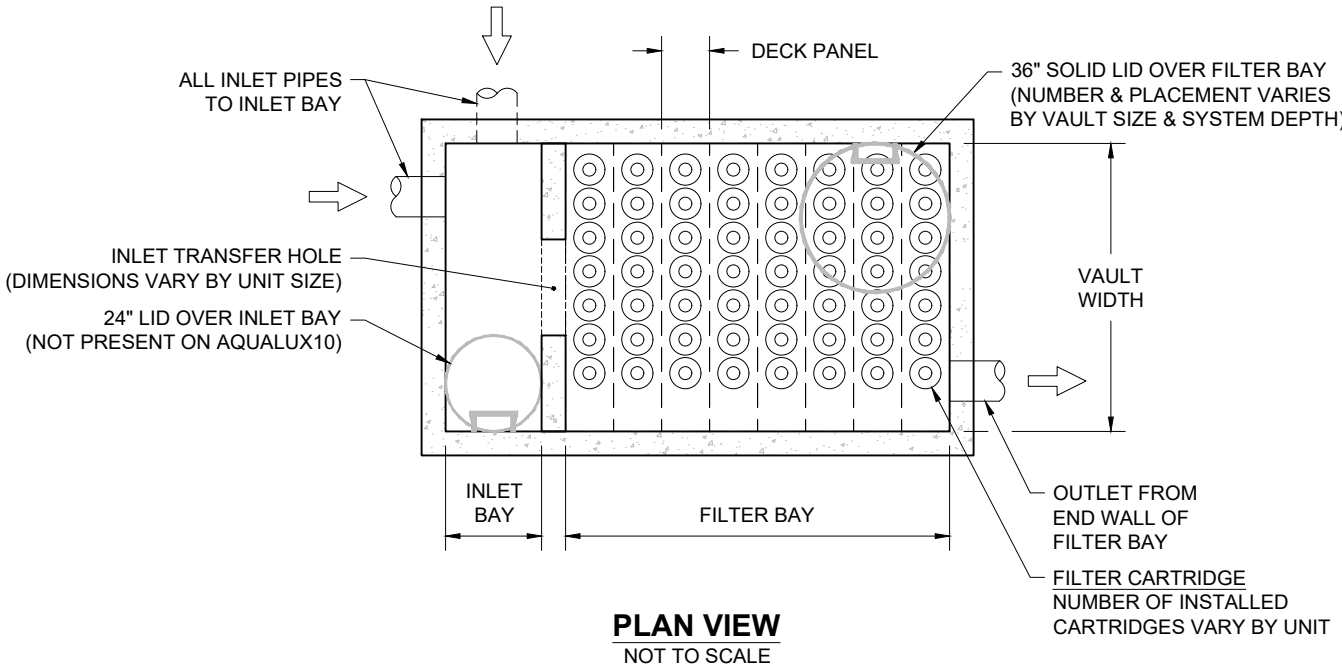


THE AQUALUX™ IS A STORMWATER FILTRATION TECHNOLOGY THAT RELIES ON SEDIMENTATION & FILTRATION MECHANISMS TO REMOVE TOTAL SUSPENDED SOLIDS, TOTAL PHOSPHORUS, TOTAL NITROGEN, HEAVY METALS, OIL AND GREASE, TRASH AND BACTERIA.

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

1. MTRF is based on New Jersey Department of Environmental Protection (NJDEP) certification for 80% TSS Removal.



## 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](http://WWW.ADSPIPE.COM).

**AQUALUX VAULT  
GENERAL CONFIGURATION  
80% TSS REMOVAL**

|       |          |        |     |
|-------|----------|--------|-----|
| DATE: | 09/22/26 | DRAWN: | JLM |
|-------|----------|--------|-----|

|                    |             |
|--------------------|-------------|
| DRAWING #: 561-110 | CHECKED: AT |
|--------------------|-------------|

| DATE | DWN | CHK |
|------|-----|-----|
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**AQUALUX™**  
Stormwater Filter

WWW.ADSPIPE.COM



1 SHEET OF 1

THIS DRAWING WAS PREPARED BASED ON INFORMATION PROVIDED TO ADVISORY TECH UNDER THE DIRECTION OF THE PROJECTS ENGINEER OF RECORD (FEOR) OR OTHER PROJECT REPRESENTATIVE. THIS DRAWING IS NOT INTENDED FOR USE IN BIDDING OR CONSTRUCTION WITHOUT THE FOR-  
WARDING OF THIS DRAWING TO THE PROJECTS ENGINEER OF RECORD (FEOR) FOR REVIEW AND APPROVAL. THE PROJECTS ENGINEER OF RECORD (FEOR) SHALL REVIEW THIS DRAWING PRIOR TO BIDDING AND/OR CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE FEOR TO ENSURE THAT ALL PROJECTS DETAILS MEET ALL APPLICABLE STATE, FEDERAL, AND PROJECT REQUIREMENTS.