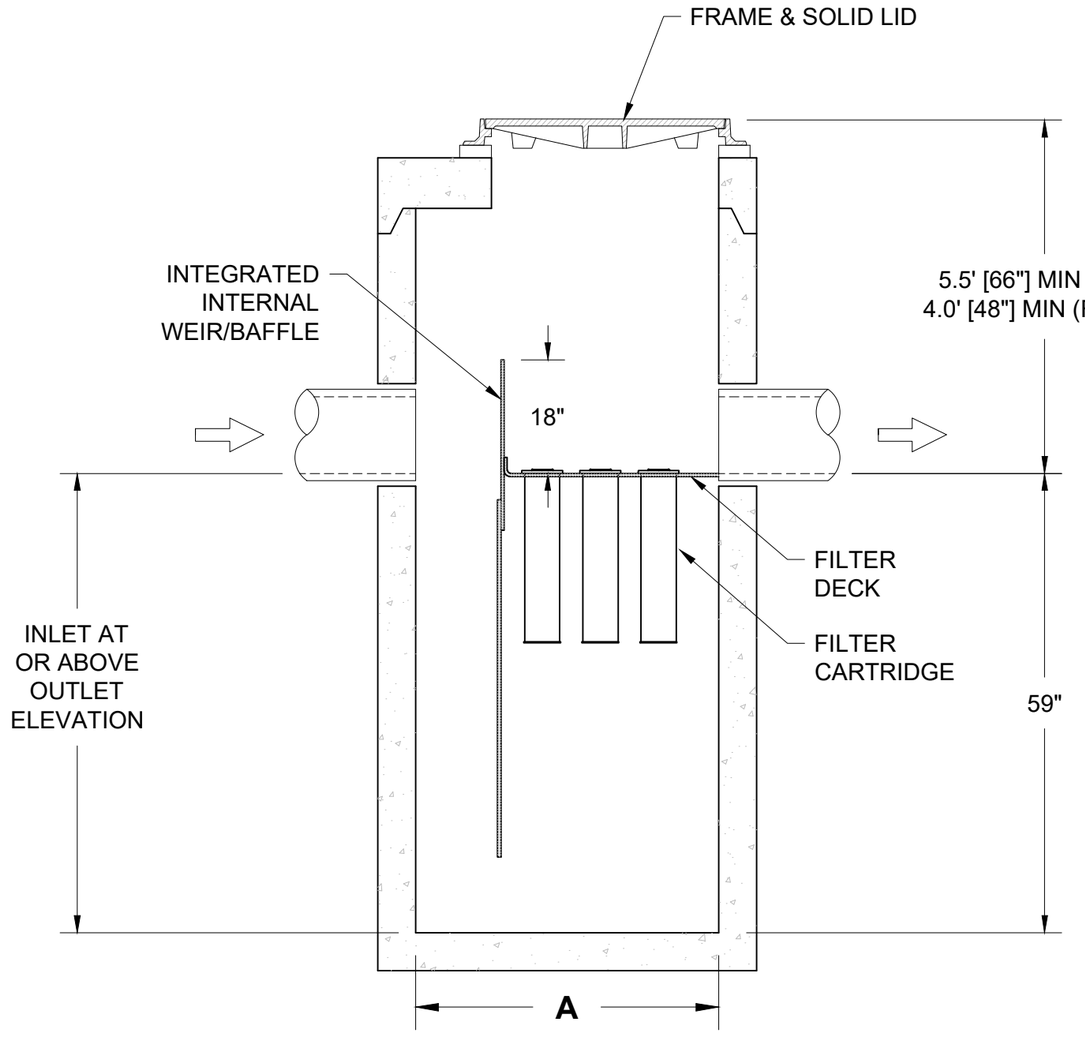
PRODUCT SPECIFICATIONS

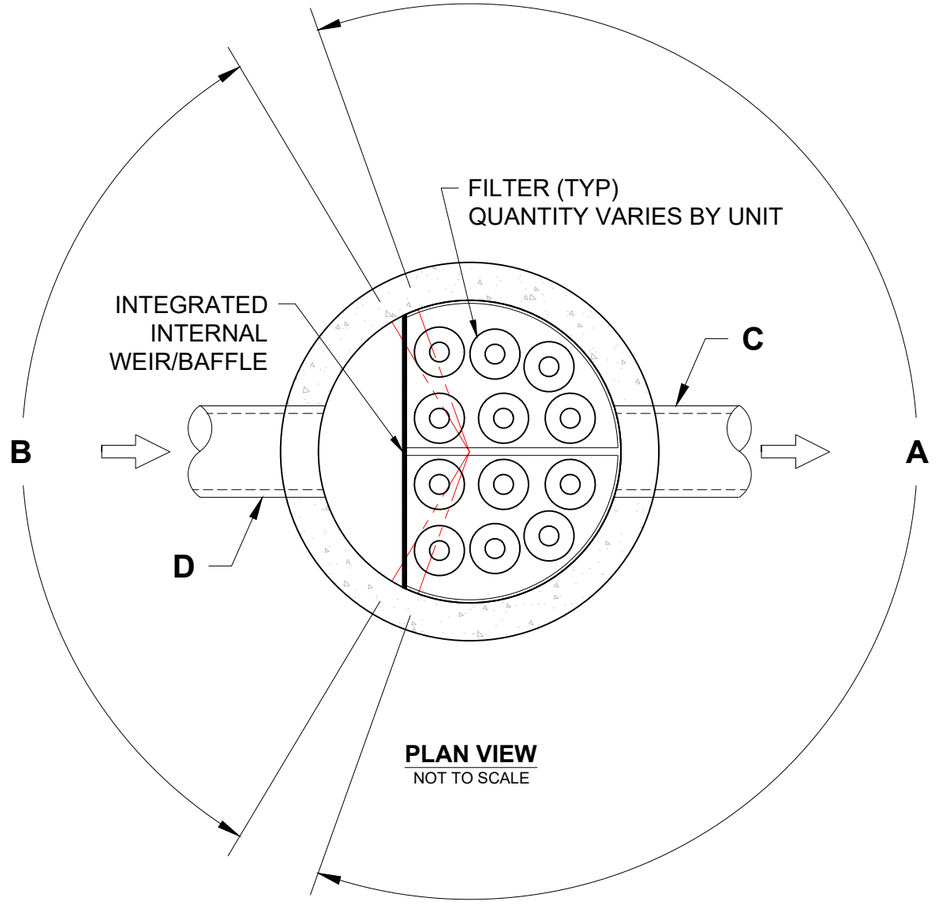
A. THE STORMWATER FILTER SYSTEM SHALL BE AN ONLINE OR OFFLINE DESIGN BASED ON LOCAL REQUIREMENTS CAPABLE OF TREATING 100% OF THE REQUIRED TREATMENT FLOW AT FULL SEDIMENT LOAD CONDITIONS.
B. THE STORMWATER FILTER SYSTEM SHALL HAVE NO MOVING PARTS.
C. THE STORMWATER FILTER SYSTEM SHALL BE DESIGNED TO REMOVE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

MODEL	STRUCTURE DIAMETER	MAXIMUM INSTALLED FILTERS	MAXIMUM TREATMENT RATE[1] (CFS)	MAXIMUM DRAINAGE AREA[2] (ACRE)	ALLOWABLE PIPE ANGLE		MAXIMUM PIPE DIAMETER	
					OUTLET "A"	INLET "B"	OUTLET "C"	INLET "D"
AQUALUX7M	36"	7	0.312	0.214	199.5°	119.5°	18"	18"
AQUALUX12M	48"	12	0.535	0.367	207.0°	122.5°	24"	24"
AQUALUX19M	60"	19	0.847	0.581	211.0°	124.5°	36"	36"

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 NJDEP sizing guideline of 600 lbs. of mass contributed per acre of drainage area annually.



PROFILE VIEW
NOT TO SCALE



PLAN VIEW
NOT TO SCALE

NOTES:

- ENGINEER / CONTRACTOR TO CONFIRM PIPE MATERIALS AND APPLICABLE ADAPTERS
- CONTRACTOR IS RESPONSIBLE FOR MATERIAL AND LABOR TO BRING CASTINGS TO FINISHED GRADE
- CONTRACTOR TO MEASURE HEIGHT OF STRUCTURE TO ENSURE THAT DEPTH OF EXCAVATION IS CORRECT.
- UNIT SHALL CONFORM TO HS20-44 LOAD RATINGS.

AQUALUX MANHOLE UNITS
GENERAL CONFIGURATION
CONCRETE MANHOLE

DATE: 10/09/26 DRAWN: JLM CHECKED:
DRAWING #: 560-010

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.