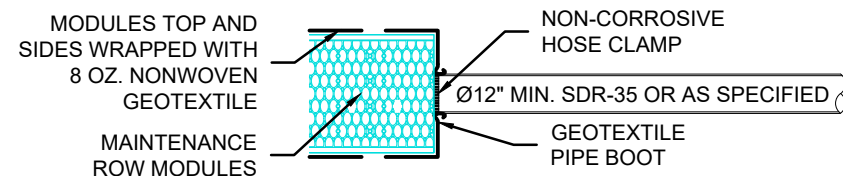
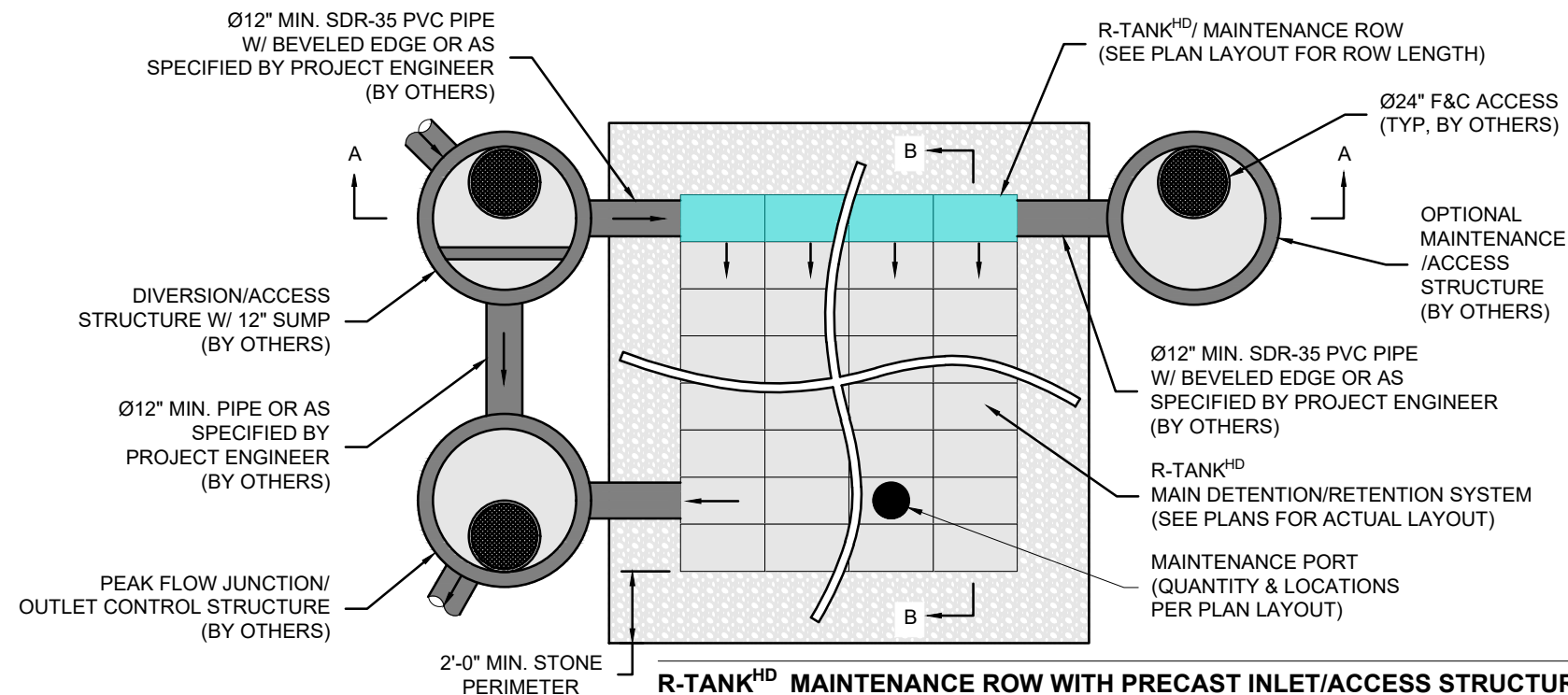


ATTACHMENT 4

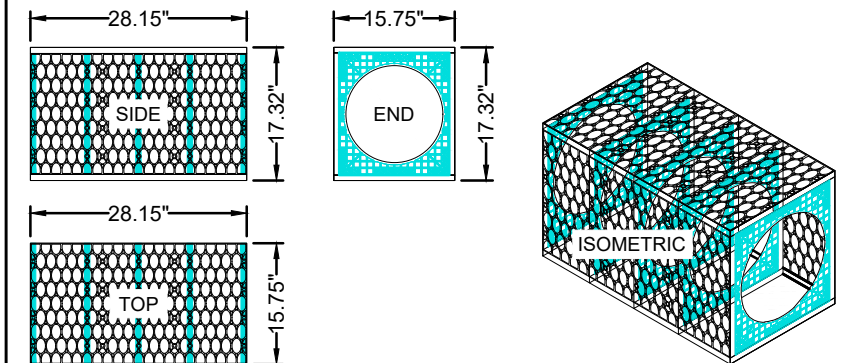


TYPICAL PIPE CONNECTION DETAIL

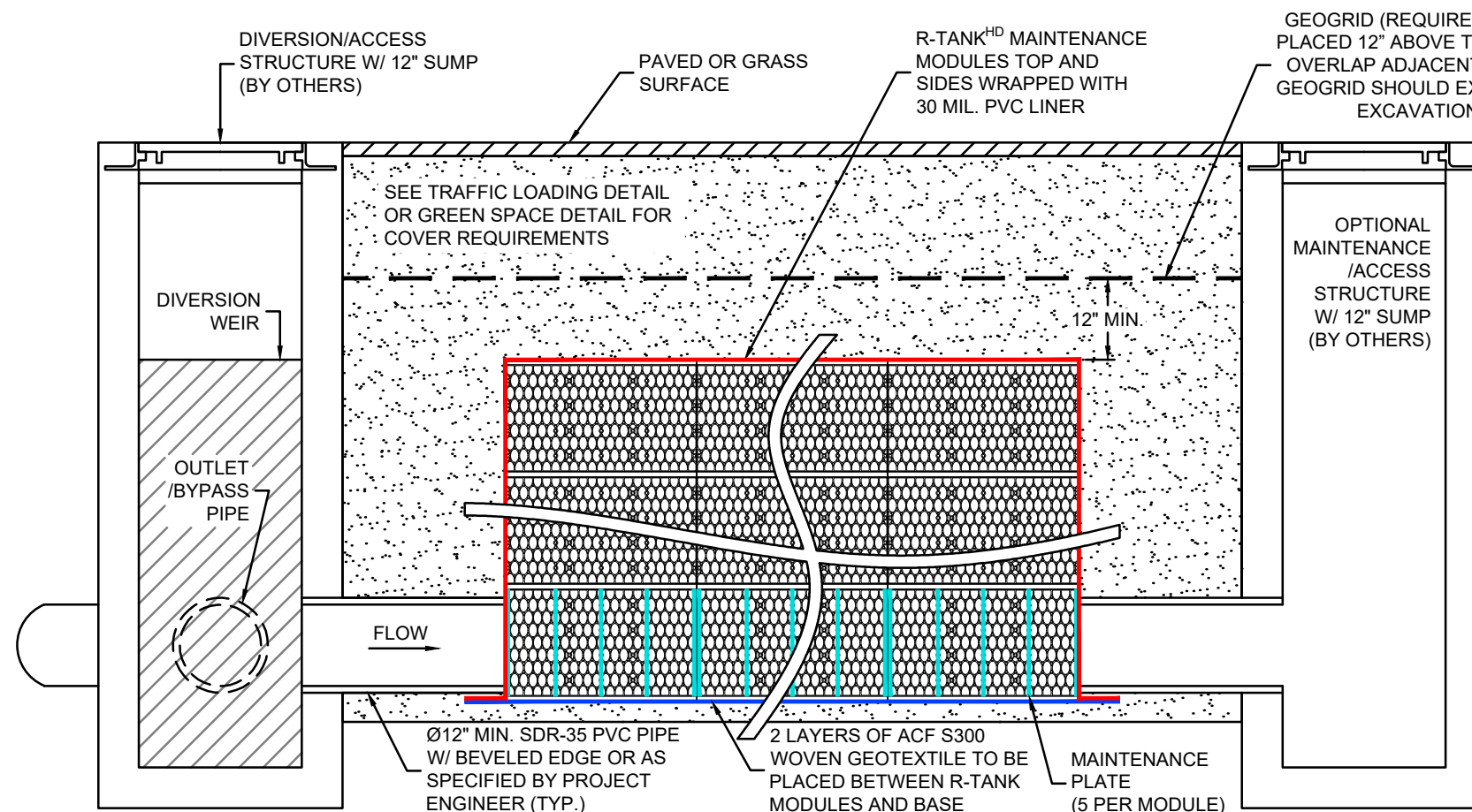
NOTE: IF PIPE CONNECTING TO MAINTENANCE ROW IS LARGER THAN Ø12" SDR-35, IT SHALL BE ABUTTED FLUSH TO END PLATE AND SEALED WITH A GEOTEXTILE BOOT.



R-TANK^{HD} MAINTENANCE ROW WITH PRECAST INLET/ACCESS STRUCTURE

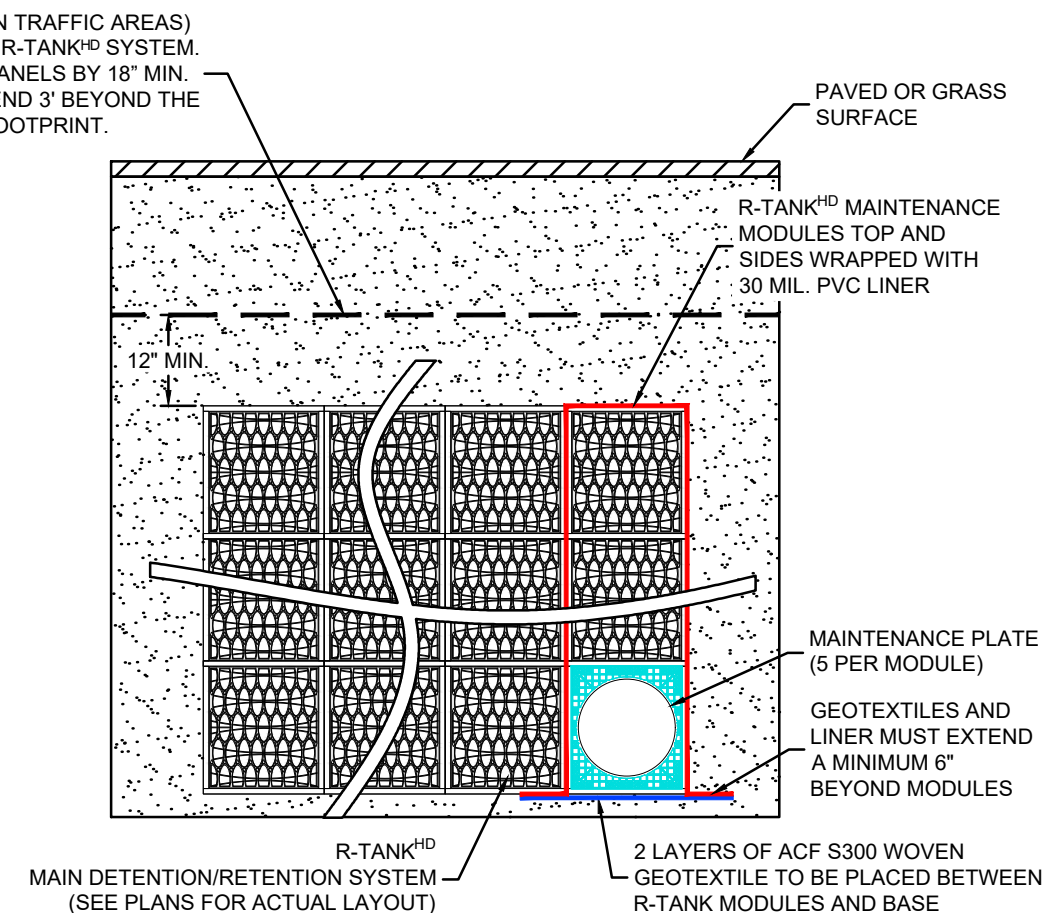


SINGLE R-TANK^{HD} - MAINTENANCE MODULE DETAIL
(FOR MODULE DATA, SEE STANDARD MODULE DETAIL)



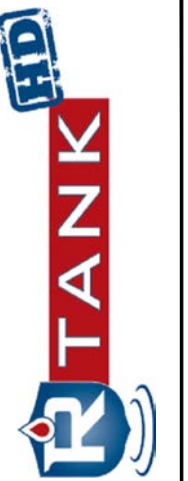
NOTE: DIVERSION WEIR ELEVATION TO BE SET BY PROJECT ENGINEER BASED ON TREATMENT VOLUME/FLOW RATE REQUIRED.

R-TANK^{HD} MAINTENANCE ROW SECTION A-A



R-TANK^{HD} MAINTENANCE ROW SECTION B-B

NOTE: ENGINEER OF RECORD TO REVIEW, APPROVE AND ENDORSE FINAL SITE SPECIFIC DESIGN.



DATE	REVISION

FOR ADDITIONAL INFORMATION PLEASE CONTACT:
ACF ENVIRONMENTAL 1-800-448-3636
www.acfenvironmental.com

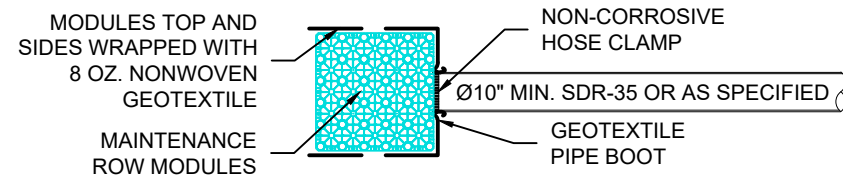


R-TANK^{HD} MAINTENANCE ROW DETAILS
MAINE DEP BMP
ACF ENVIRONMENTAL, 1-800-448-3636, www.acfenvironmental.com

DRAWN BY
EDQ

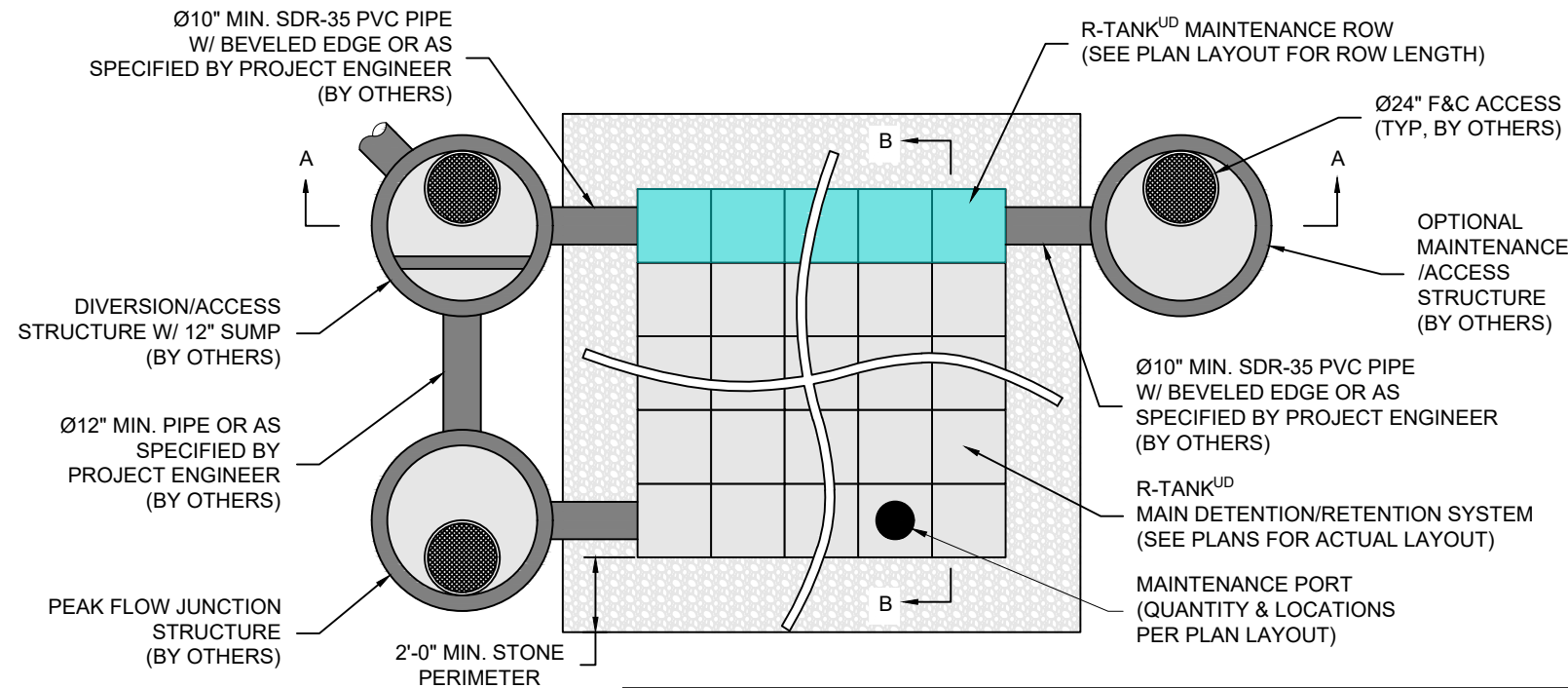
DATE
11/27/18

SHEET NO.

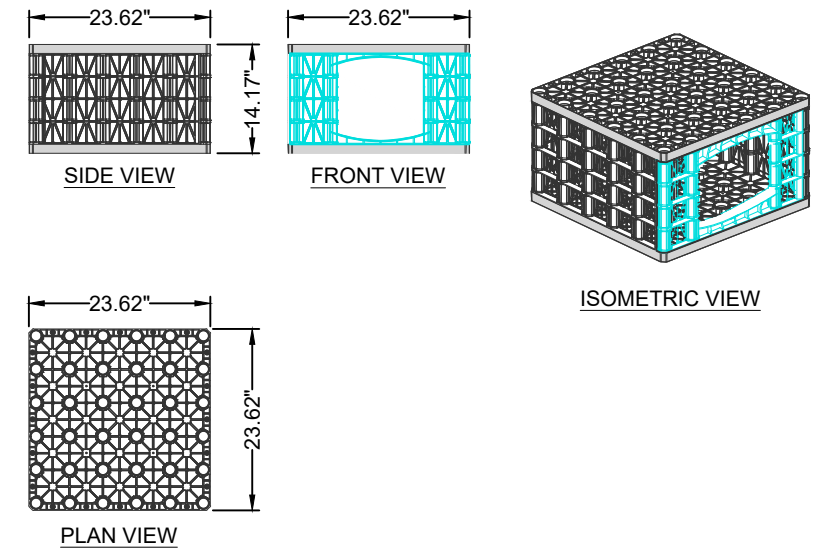


TYPICAL PIPE CONNECTION DETAIL

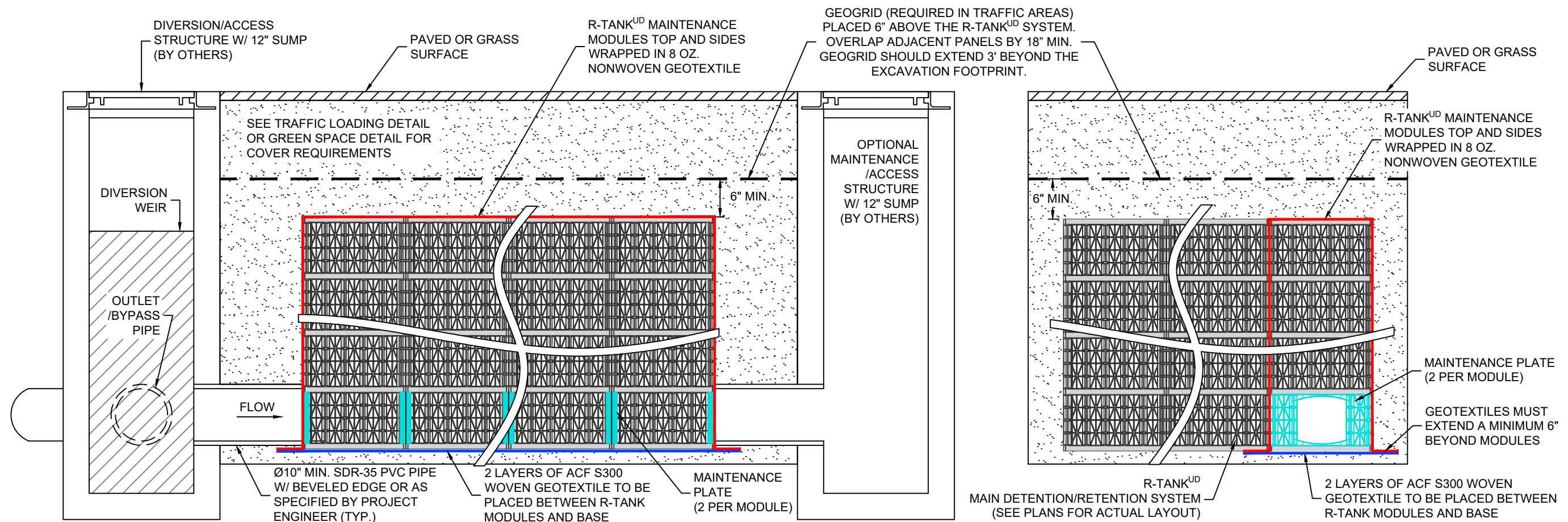
NOTE: IF PIPE CONNECTING TO MAINTENANCE ROW IS LARGER THAN Ø10" SDR-35, IT SHALL BE ABUTTED FLUSH TO END PLATE AND SEALED WITH A GEOTEXTILE BOOT.



R-TANK^{UD} MAINTENANCE ROW WITH PRECAST INLET/ACCESS STRUCTURE



SINGLE R-TANK^{UD} - MODULE DETAIL
(FOR MODULE DATA, SEE STANDARD MODULE DETAIL)



NOTE: DIVERSION WEIR ELEVATION TO BE SET BY PROJECT ENGINEER BASED ON TREATMENT VOLUME/FLOW RATE REQUIRED.

R-TANK^{UD} MAINTENANCE ROW SECTION A-A

R-TANK^{UD} MAINTENANCE ROW SECTION B-B

NOTE: ENGINEER OF RECORD TO REVIEW, APPROVE AND ENDORSE FINAL SITE SPECIFIC DESIGN.



DATE	REVISION

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www.acfenvironmental.com



R-TANK^{UD} MAINTENANCE ROW DETAILS

ACF ENVIRONMENTAL, 1-800-448-3636, www.acfenvironmental.com

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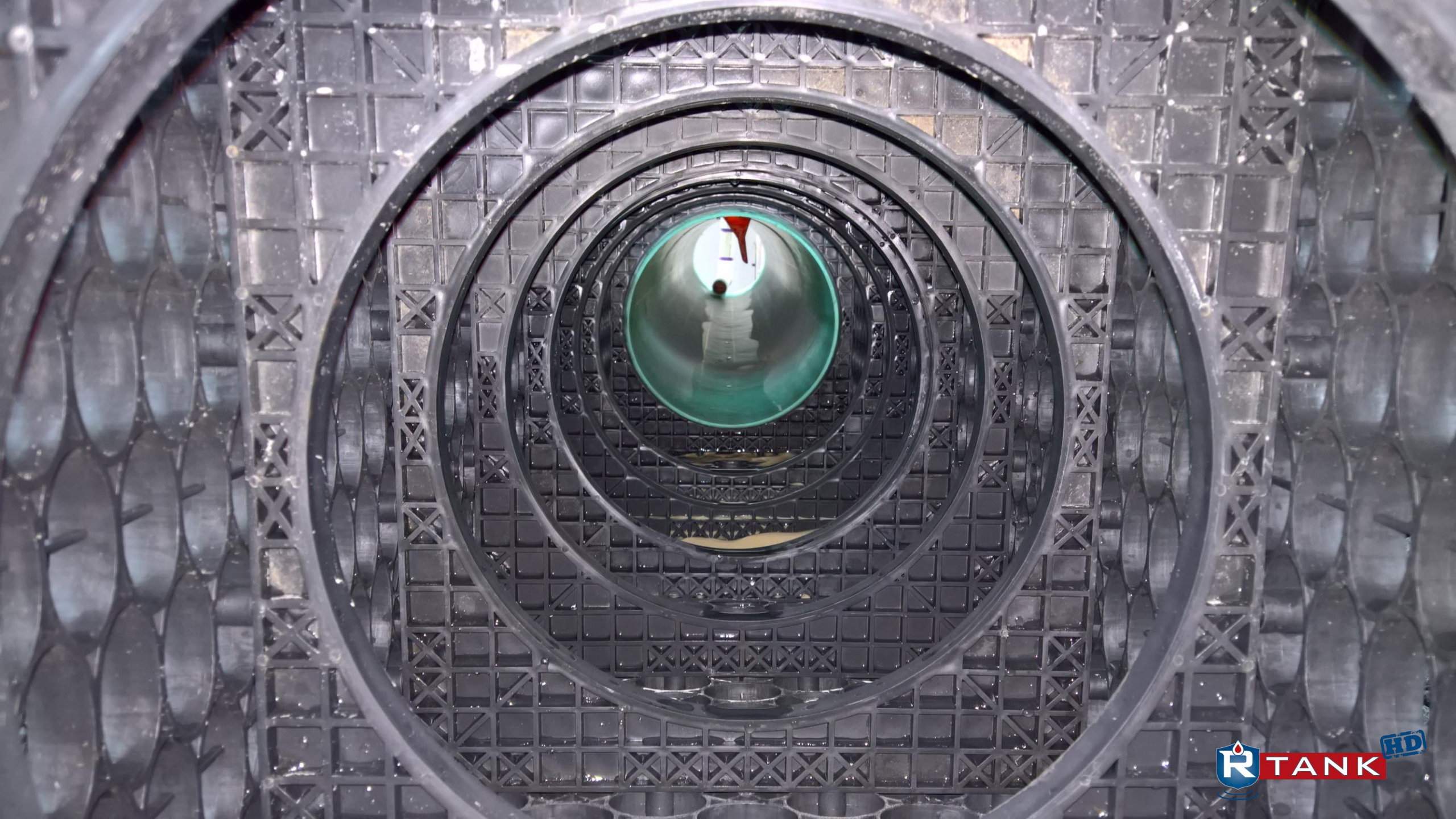
DATE
03/28/18

SHEET NO.

















M200

TECHNICAL DATA SHEET

WOVEN MONOFILAMENT GEOTEXTILE

M200 is manufactured using high tenacity monofilament polypropylene yarns woven to form a dimensionally stable network. It has been stabilized to resist degradation due to ultraviolet exposure and is resistant to commonly encountered mildew, insects and soil chemicals, and is non-biodegradable. The high flow rate of M200 makes it ideal for a wide range of filtration applications.

SPECIFICATIONS:

The M200 polypropylene woven fabric will utilize the following characteristics:

PROPERTY	TEST METHOD	TYPICAL ROLL VALUE
Grab Tensile Strength	ASTM D4632	370 x 200 lbs
Grab Tensile Elongation	ASTM D4632	15%
Puncture Strength	ASTM D4833	90 lbs
Mullen Burst Strength	ASTM D3786	450 psi
Trapezoid Tear Strength	ASTM D4533	115 x 75 lbs
UV Resistance @ 500 hrs	ASTMD4355	90%
Apparent Opening Size (AOS)	ASTM D4751	40 US Sieve
Percent Open Area	COE-02215	10%
Permittivity (sec ⁻¹)	ASTM D4491	2.1 (sec ⁻¹)
Flow Rate	ASTM D4491	145 gpm/ft ²

Values quoted above are the result of multiple tests conducted at an independent testing facility. M200 meets or exceeds values listed.

PACKAGING:

Roll Width	6 ft	12 ft.
Roll Length	300 ft.	300 ft.
Roll Area	200 yd ²	400 yd ²

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N080

TECHNICAL DATA SHEET

NONWOVEN GEOTEXTILE

N080 is a polypropylene, needle punched nonwoven geotextile for use in drainage and separation applications. It has been stabilized to resist degradation due to ultraviolet exposure and is resistant to commonly encountered mildew, insects and soil chemicals, and is non-biodegradable.

SPECIFICATIONS:

The N080 polypropylene nonwoven fabric will utilize the following characteristics:

PROPERTY	TEST METHOD	MIN. AVG. ROLL VALUE
Grab Tensile Strength ¹	ASTM D4632	205 lbs
Grab Tensile Elongation	ASTM D4632	50%
CBR Puncture	ASTM D6241	525 lbs
Trapezoid Tear Strength	ASTM D4533	80 lbs
UV Resistance @ 500 hrs	ASTMD4355	70%
Apparent Opening Size (AOS)	ASTM D4751	80 US Sieve
Permittivity (sec ⁻¹)	ASTM D4491	1.4 (sec ⁻¹)
Flow Rate	ASTM D4491	90 gpm/ft ²

Values quoted above are the result of multiple tests conducted at an independent testing facility. N080 meets or exceeds values listed.

¹Values apply to both machine and cross-machine directions

PACKAGING:

Roll Width	12.5 ft.	15 ft.
Roll Length	360 ft.	300 ft.
Roll Area	500 yd ²	500 yd ²

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