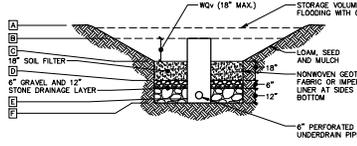


PLAN VIEW

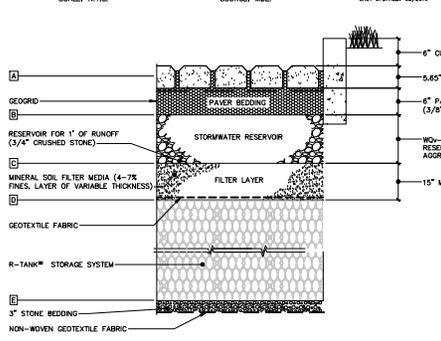
CROSS-SECTION



GRASSED UNDERDRAIN SOIL FILTER ELEVATIONS

GSF	1A	1B	2	3	4	5	6	7	8	9	11	12	13	15	16	18A	18B	24
A	68.00	67.50	59.00	57.00	56.00	55.00	50.00	56.00	58.50	64.00	63.00	62.50	63.00	65.00	65.00	58.00	58.00	42.00
B	66.30	66.90	57.60	55.75	55.10	54.60	48.20	54.70	57.60	62.95	62.00	61.90	62.00	63.70	64.40	57.40	57.90	40.60
C	65.75	65.50	56.75	54.75	54.50	54.00	47.50	54.00	56.50	62.00	61.00	61.00	63.50	63.50	57.00	57.00	39.75	
D	64.25	64.00	55.25	53.25	53.00	52.50	46.00	52.50	55.00	60.50	59.50	59.50	59.50	62.00	62.00	55.50	55.50	38.25
E	63.00	62.75	54.00	52.00	51.75	51.25	44.75	51.25	53.75	59.25	58.25	58.25	60.75	60.75	54.25	54.25	37.00	
F	62.75	62.50	53.75	51.75	51.50	51.00	44.50	51.00	53.50	59.00	58.00	58.00	60.50	60.50	54.00	54.00	36.75	

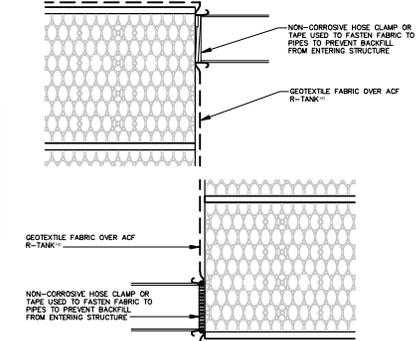
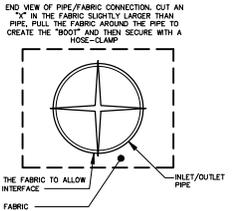
GRASSED UNDERDRAIN SOIL FILTER



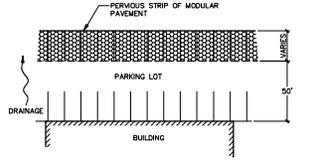
Minimade Pervious Paver Elevations

MPP	10	14	19	21	22	26	30	50
A	65.40	60.25	58.90	58.80	58.82	38.29	35.00	58.65
B	64.43	59.28	57.93	57.83	57.85	37.32	34.03	57.68
C	63.53	58.38	57.13	56.78	57.10	36.67	33.03	56.63
D	62.28	57.03	55.88	55.53	55.85	35.42	31.78	55.38
E	61.48	56.23	55.08	54.73	55.05	34.62	30.98	54.58
F	61.23	55.98	54.83	54.48	54.80	34.37	30.73	54.33

MANMADE PERVIOUS PAVERS CROSS-SECTION

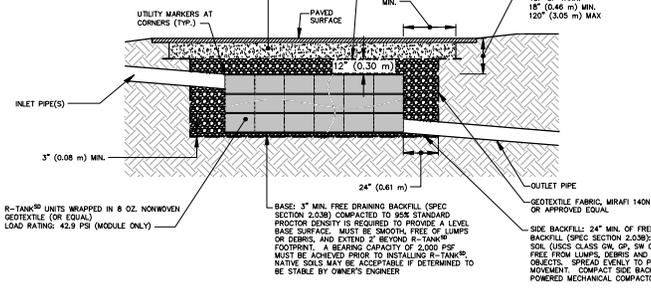


R-TANK^{SD} TYPICAL TANK INLET/OUTLET

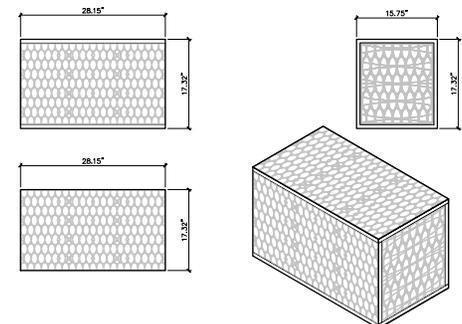


MANMADE PERVIOUS PAVERS-PLAN VIEW

TOTAL COVER: 18" MINIMUM AND 120" MAXIMUM. FIRST 12" MUST BE FREE DRAINING BACKFILL (SPEC SECTION 2.03B). STONE $4\frac{1}{2}$" OR SOIL (USCS CLASS GW, GP, SW OR SP). ADDITIONAL FILL MAY BE STRUCTURAL FILL (SPEC SECTION 2.03C). STONE OR SOIL (USCS CLASS SM, SP, SW, GM, GP OR GW) WITH MAX CLAY CONTENTC_c MAY EXCEED PASSING NO. 200 SIEVE AND MAX PLASTICITY INDEX OF 4. A MIN 12" COVER MUST BE MAINTAINED BETWEEN BACKFILL EQUIPMENT AND THE TOP OF THE R-TANK SYSTEM AT ALL TIMES. TOTAL HEIGHT OF TOP BACKFILL SHOULD NOT EXCEED 10'. CONTACT ACE ENVIRONMENTAL IF MORE THAN 10' OR LESS THAN 18" OF TOP BACKFILL IS REQUIRED (FROM TOP OF TANK TO TOP OF PAVEMENT).



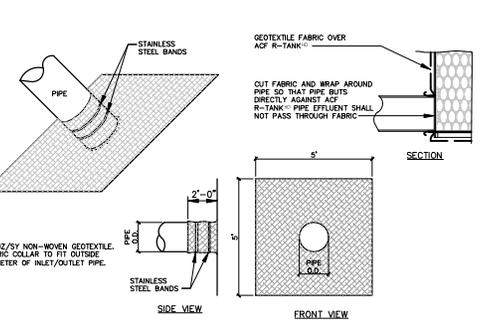
R-TANK^{SD}-HS-20 LOADS



MODULE DATA

GEOMETRY:	LENGTH = 28.15 IN. (715 MM)	LOAD RATING:	40 PSI, (MODULE ONLY)
	WIDTH = 15.75 IN. (400 MM)	HS20:	(WITH ASF COVER SYSTEM)
	HEIGHT = 17.32 IN. (440 MM)	MATERIAL:	85% RECYCLED POLYPROPYLENE
	STORAGE VOLUME = 4.23 (119 L)		
	VOID INTERNAL VOLUME: 95%		
	VOID SURFACE AREA: 50%		

R-TANK^{SD}-SINGLE MODULE DETAIL



FABRIC PIPE BOOT FOR R-TANK^{SD}

NOTES:
 • FOR COMPLETE MODULE DATA, SEE APPROPRIATE R-TANK^{SD} MODULE SHEET
 • INSTALLATIONS FOR THIS DETAIL MUST FOLLOW GUIDELINES OF 1100 LADING FOR THE 1983, 13TH EDITION OF THE AMERICAN ASSOCIATION OF STATE, HIGHWAY AND TRAVEL OFFICIALS (ASTM) STANDARD SPECIFICATIONS
 • PRE-TREATMENT STRUCTURES NOT SHOWN

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NORDIC AQUAFARMS MULTIPHASE PROJECT

158 HIGH STREET, BELFAST, MAINE

CONSTRUCTION DETAILS

PROJECT MANAGER: MPM PROJECT NO: 17415027

DRAWN BY: JRR

CQ-501

NOT FOR CONSTRUCTION

5/14/2019 8:14 AM (UTC-04:00)