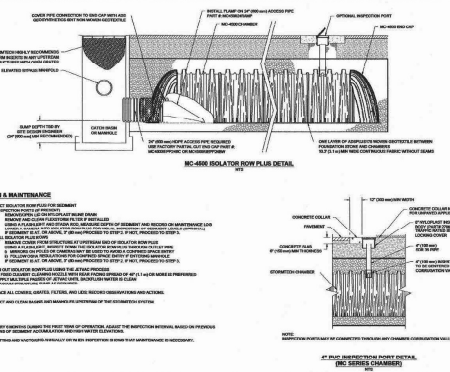
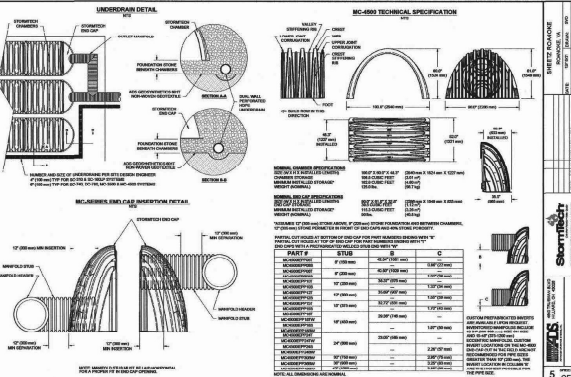




FOR STORAGE INSTRUCTIONS, DOWNLOAD THE APP AT STIM.ORG

[illegible][illegible][illegible]

1. INSPECT EVERY ENGINE/ENGINE MOUNT THE FIRST TIME OF OPERATION. ADJUST THE INSPECTION INTERVAL, BASED ON PREVIOUS OBSERVATIONS OF SMOKE/ACID CUMULATIONS/RESIDUAL WATER ELEVATIONS.
2. CONDUCT JETTING AND WASHDOWN TYPICALLY ON A 20% PROPORTION IS LONG TERM MAINTENANCE IS NECESSARY.



MANHOLE ACCESS

TOP ELEV. 1001.10

MANHOLE ACCESS

TOP ELEV. 1001.00

▽ 100 YR. 998.89

STEPS @ 12"

▽ 10 YR. 996.07

2 YR. 994.13

1 YR. 993.16

24" PP

926.10

995.72

48" BASE

STEPS @ 12"

48" PRECAST MANHOLE

9" PVC

993.63

6" PVC

991.63

991.53

24" PP

992.40

992.01

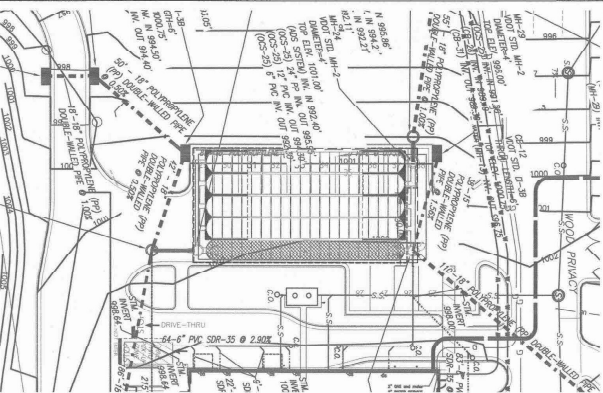
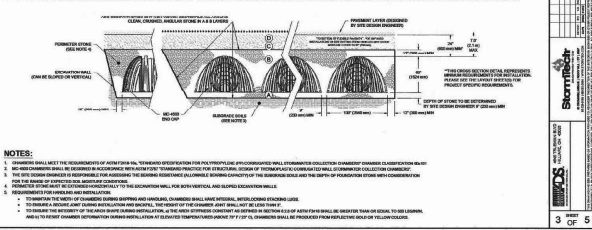
994.01

6" MIN. COMPACTED AGGREGATE BASE

CONCRETE FOR THE OUTLET CONTROL STRUCTURE SHALL MEET MATERIAL SPECIFICATIONS OUTLINED IN ASTM C76-16

6" MIN. COMPACTED AGGREGATE BASE

(SEE SHEET 4 & 5 FOR SCALE PLAN VIEW LAYOUT)

[illegible][illegible]

ISOLATOR ROW STEP BY STEP STAINING PROCEDURES

STEP 1

Isoprep Isolation flow for confirmation.

1. Remove cells from the Isoprep Isolation flow.
2. Wash cells with 100% ethanol.
3. Using a 40x objective and ocular measure depth of sediment and record results on the sedimentation log.
4. Sediment log to be submitted for analysis. Sedimentation log to be submitted by Step 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789,

**STORMTECH® PROVIDES DESIGN TOGETHER
SOLUTIONS FOR INFILTRATION, OVERFLOW, STORAGE AND EROSION.**
 Stormtech® is a leading manufacturer of stormwater management products. Our products are designed to meet the needs of the construction industry. Stormtech® products are designed to meet the needs of the construction industry. Stormtech® products are designed to meet the needs of the construction industry.

Save Valuable Land

Protect Water Resources

ISOlator® Row O&M Manual

Stormtech® Channel Systems for Stormwater Management

Stormtech®
 Channel Systems for Stormwater Management

A Division of **WORLD**

J&J ISOlator row Inspection/Maintenance

Stormtech®

1.1 SCOPE

This manual is intended for use by the owner or the user of the ISOlator row unit. It is intended to provide the user with the information necessary to properly inspect and maintain the unit. The user should read this manual carefully and follow the instructions provided. The user should also consult the ISOlator row unit manual for more information.

The ISOlator row unit is a channel system designed to collect and convey stormwater. It is made of high-density polyethylene (HDPE) and is designed to be installed in a gravel bed. The unit is designed to be installed in a gravel bed and to be maintained in a gravel bed.

The ISOlator row unit is designed to be installed in a gravel bed and to be maintained in a gravel bed. The unit is designed to be installed in a gravel bed and to be maintained in a gravel bed. The unit is designed to be installed in a gravel bed and to be maintained in a gravel bed.

The ISOlator row unit is designed to be installed in a gravel bed and to be maintained in a gravel bed. The unit is designed to be installed in a gravel bed and to be maintained in a gravel bed. The unit is designed to be installed in a gravel bed and to be maintained in a gravel bed.

Figure 1-1: ISOlator row unit

The ISOlator row unit is designed to be installed in a gravel bed and to be maintained in a gravel bed. The unit is designed to be installed in a gravel bed and to be maintained in a gravel bed. The unit is designed to be installed in a gravel bed and to be maintained in a gravel bed.

ISOlator row unit is designed to be installed in a gravel bed and to be maintained in a gravel bed. The unit is designed to be installed in a gravel bed and to be maintained in a gravel bed. The unit is designed to be installed in a gravel bed and to be maintained in a gravel bed.

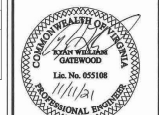
Copyright © 2000 Stormtech, Inc. All rights reserved. Stormtech, Inc. is a registered trademark of Stormtech, Inc. ISOlator row unit is a registered trademark of Stormtech, Inc.

LE&D
PROFESSIONALS, P.C.
RIVER RUN EXECUTIVE OFFICES
SUITE B
110 EXCHANGE STREET
DANVILLE, VA. 24151

N.C. LICENSE: # C-2577
V.A. LICENSE: # 0404-001401

PHONE NO. (434) 792-3680
FAX NO. (434) 792-3685
www.landeng.com

**PROPOSED SHEETZ STORE
SHEETZ INC.
ORANGE AVENUE, ROANOKE, VA.
STORM SYSTEM DETAILS**



REVISIONS			BY
NO	DATE	DESCRIPTION	
1	4-9-21	ROANORE CITY COMMENTS	WKW
2	5-7-21	ROANORE CITY COMMENTS	WKW
3	6-6-21	ROANORE CITY COMMENTS	WKW
4	10-29-21	ROANORE CITY COMMENTS	WKW
5	11-11-21	ROANORE CITY COMMENTS	WKW

Sheet No. 23 of 32

Date: FEBRUARY 19, 2021
Scale: 1" = 40'
Project No.
VA152-R0420(ann)4en1F-R0420-PLAN-1-REV-5