

*ALTA/NSPS Land Title Survey  
SunTrust Delray Parcel C  
Section 16, Township 46 South, Range 43 East  
Palm Beach County, Florida*



**PARCEL C:**  
All of the North One Hundred Ninety-Nine feet (199') of Block 85, lying East of the Florida East Coast Railway Right-of-Way, in the City of Delray Beach, Florida, according to the Plat of the MAP OF THE TOWN OF LINTON (now Delray Beach), on file in the Office of the Clerk of the Circuit Court in and for Palm Beach County, Florida, as recorded in Plat Book 1, Page 3, LESS:

(A) Lands conveyed to the City of Delray Beach, by Deed recorded in Deed Book 341, Page 241, of the Public Records of Palm Beach County, Florida.

(B) Lands conveyed to the City of Delray Beach, by Right-of-Way Deed recorded in Deed Book 621, Page 115, of the Public Records of Palm Beach County, Florida.

(C) Lands conveyed to Thelma A. Priest and OD. Priest, her husband, by Deed recorded in Deed Book 721, Page 568, excepting therefrom, the North 1.25 feet conveyed in Deed Book 931, Page 594, both of the Public Records of Palm Beach County, Florida.

The above description for **Parcel C** is the same as the one described per Property Information Report Order No. 7685250-REVISION A, revised June 12, 2019, issued by Commonwealth Land Title Insurance Company AND per Title Certificate by Dunay, Miskel and Backman LLP, signed on June 26th, 2019.

Regarding Parcel C(a) per Deed Book 341, Page 241: Supplied document was handwritten and recorded in 1924 and is very hard to read. Based on what the Surveyor was able to decipher it is believed that the intention was to keep the width of the public right-of-way for SE 3rd Avenue a distance of 40.00 feet. Surveyor, also believes, that this document may have been recorded in conjunction with Deed Book 818, Page 22 (Parcel A-3, NOT DEPICTED HEREON) as part of a land swap agreement. Based on the fact that the document was illegible the location and dimension of said Parcel C(a), as depicted hereon, is approximate.

*Project Site*

- 1.) Not valid without the signature and original raised seal of a Florida Licensed Surveyor and Mapper.
- 2.) The bearing structure for this survey is based on a NAD 1983 Florida State Plane East Zone, bearing of N 89°19'23" E for the South Right-of-way Boundary of East Atlantic Avenue, also being the North Boundary of Subject Parcel.
- 3.) The horizontal datum utilized for this project is NAD 1983 Florida East Zone, 2011 Adjustment, U.S. Survey Feet. Said datum was established by utilizing the Florida Permanent Reference Network (FPRN).
- 4.) All utilities depicted herein are from visible evidence only. Surveyor did not contact subsurface utility locator service.
- 5.) No underground foundations or footers were excavated or located for this survey.
- 6.) Per Article A of the ALTA/ACSP requirements:
  - a.) Item 11: All utilities depicted herein are from visible evidence only. Surveyor did not contact subsurface utility locator service.
  - b.) Item 16: there is no observable evidence of current earth moving work, building construction or building additions.
  - c.) Item 17: there are no known proposed changes in street right-of-way and there is no observable evidence of recent street or sidewalk construction or repairs.
  - d.) Item 18: there were no observed wetland delineation markers at the time of field survey.
- 7.) Subject property (Parcel C) has vehicular & pedestrian access to SE 3rd Avenue over the adjacent Adjoiner Parcel (Adjoiner Parcel being "Ground Leased Property" per ORB 29463, PG 1774), and pedestrian access to East Atlantic Avenue, per said ORB 29463, PG 1774.
- 8.) Parking spaces depicted herein are shown only for reference.
- 9.) The vertical datum utilized for this project is NAVD 1988, U.S. Survey Feet. The existing work utilized the NGS (National Geographic Survey) Control Station "14.33" with an elevation of 12.78 feet.
- 10.) Surveyor makes no guarantees as to the species of trees or to the health of each tree depicted herein, if this information is necessary a certified arborist should be contacted. The trees shown hereon were located utilizing methods adequate for their accurate location and identification. However, this company and the signing surveyor reserves the right to verify the location of all trees critical to the design of buildings, parking and other permanent features. It is the responsibility of the design professional to inform this company and/or the signing surveyor of any trees critical to their design so that those trees can be verified prior to the completion of the design.
- 11.) This report has no input from the underground sanitary pipe type and size, as shown. It is the responsibility of the end user to verify the invert and pipe size dimensions prior to design of new facilities.

① Found PK Nail &  
Disk "LB7340"

By graphic plotting only, this property is in Flood Zone "X"  
Flood Insurance Rate Map: 12099C  
Panel No.: 0979 F  
Community Name/No.: City of Delray Beach/125102  
Effective Date: October 5, 2017

No field surveying was performed to determine this zone and an elevation certificate may be needed to verify this determination or apply for a variance from the Federal Emergency Management Agency.

Line Information: Field		
LINE	BEARING	DISTANCE
L1	S 00°59'35" E	3.07'
L2	S 89°19'23" W	3.90'

REVISION	DATE	INITIALS
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SURVEYING TODAY WITH TOMORROW'S TECHNOLOGY

Drafted By: B. Stinson  
Date Drafted: 7/26/19  
Approved By: S. Brown  
Date Approved: 7/30/19

Drawing Name: 20170157\_9A  
Phase: 9  
Last Field Date: 6/14/19  
Field Book/Page: 19-09/09



**SURVTECH SOLUTIONS, INC.**  
10220 U.S. Highway 92 East  
Tampa, FL 33610  
phone: (813)-621-4929  
fax: (813)-621-7194  
Licensed Business #7340  
email: [sbrown@survtechsolutions.com](mailto:sbrown@survtechsolutions.com)  
<http://www.survtechsolutions.com>



Liens, Encumbrances & Zoning Information Detail

Parcel C Liens & Encumbrances

per Property Information Report Order No. 7685250-REVISION A, revised June 12, 2019, issued by Commonwealth Land Title Insurance Company AND per Title Certificate by Dunay, Miskel and Backman LLP, signed on June 26th, 2019. Items not listed below are standard title exceptions and/or are not matters or issues that pertain to this survey.

- (C1) Dedications contained on the Plat of MAP OF TOWN OF LINTON (now Delray Beach), recorded in Plat Book 1, Page 3, of the Public Records of Palm Beach County, Florida. Affects subject property, however no easements depicted on said plat which affect subject property.
- (C2) Contract of Use of Wall, dated July 15, 1940, by and between W. Seward Webb and Thelma A. Priest, joined by her husband O.D. Priest, recorded in Deed Book 611, Page 125, together with rights of the owner of property adjoining the land to the party wall located partly on insured land and partly on adjoining property to as much of the insured land as is required for lateral support of the wall and the building attached to it. Affects subject property as depicted hereon.
- (C3) Subject to an Unrecorded Agreement dated September 6, 1940, by and between W. Seward Webb and American Telephone & Telegraph Company, a New York corporation, as referenced in Warranty Deeds recorded in Deed Book 931, Page 597 and Deed Book 931, Page 603. Deed Book 931, Page 597 does not affect subject property. Deed Book 931, Page 603, document describes a piece of machinery. Surveyor does not believe affects subject property however unable to determine.
- (C4) Terms and conditions of that certain 99 year Lease dated December 20, 1963, by and between O.D. Priest Sr. and Thelma A. Priest, his wife, as Lessors, and Atlantic Realty Company of Delray Beach, Inc., as Lessee, recorded December 30, 1963, in Official Records Book 956, Page 338; further assigned to First National Bank of Delray Beach (n/k/a SunTrust Bank), recorded in Official Records Book 1402, Page 115; assignment of Lessor's Interest to O.D. Priest, Jr., Felice P. Ledbetter and William P. Priest, as Assignees, by virtue of Assignment of Interest under Lease recorded in Official Records Book 1851, Page 758; as affected by Assignment of Lease Rights by Sheri Rock, as Personal Representative of the Estate of William P. Priest, deceased, to Sheri Rock, as Assignee, recorded in Official Records 27275, Page 821; further assigned by Coren M. Kilpatrick, Melissa L. Merritt and Adria L. Merritt, as Co-Trustees of the Priest Family Irrevocable Trust Agreement dated December 22, 1988, Sheri Priest Rock; David C. Ledbetter, Monteal J. Johnson, George P. Johnson, Christian A. Johnson and Tyler J. Johnson, as Co-Trustees of the David C. Ledbetter Trust dated July 21, 1999; and David C. Ledbetter, Monteal J. Johnson, George P. Johnson, Christian A. Johnson and Tyler J. Johnson, as Co-Trustees of the Felice P. Ledbetter Trust dated July 21, 1999, and as Co-Trustees of the Residuary Trust - Trust B under the Felice P. Ledbetter Trust dated the 21st day of July, 1999 ("Assignors"), to The Metropolitan at Delray LLC, a Florida limited liability company, ("Assignee"), by virtue of Assignment of Lease recorded August 27, 2015, in Official Records Book 27767, Page 25; Ground Lease Assignment and Assumption Agreement by and between SunTrust Bank, a Georgia banking corporation, and Pierre Delray One LLC, a Delaware limited liability company, recorded November 13, 2017, in Official Records Book 29463, Page 1762; further assigned by Ground Lease Assignment and Assumption Agreement by and between Pierre Delray One LLC, a Delaware limited liability company, and Pierre Delray Two LLC, a Delaware limited liability company, recorded November 16, 2017, in Official Records Book 29472, Page 1159; still further assigned by Ground Lease Assignment and Assumption Agreement by and between The Metropolitan At Delray, LLC, a Florida limited liability company, and Rosebud 3rd Avenue, LLC, a Florida limited liability company, recorded December 11, 2017, in Official Records Book 29520, Page 1333. Affects/benefits subject property blanket in nature over Parcel C and Adjoiner Parcel.
- (C5) Terms, conditions, provisions and obligations of that certain Parking Compliance Agreement, by and among the City of Delray Beach, Florida, The Metropolitan At Delray, LLC, a Florida limited liability company, and SunTrust Bank, a Georgia banking corporation, recorded October 6, 2015, in Official Records Book 27848, Page 767. Affects subject property, however unable to plot; information based on proposed site plans and other recitals. \*See Zoning Information Note 1\*
- (C6) Covenants, restrictions, conditions, reservations, easements, liens for assessments and other provisions set forth in Declaration of Easements, Covenants, Conditions and Restrictions by The Metropolitan at Delray, LLC, a Florida limited liability company, and SunTrust Bank, a Georgia banking corporation, as recorded October 6, 2015, in Official Records Book 27848, Page 790; and in allied instruments referred to in said restrictions, as may be subsequently amended. Affects subject property however unable to plot, due to nature of document.
- (C7) Terms, conditions, provisions and obligations set forth in Parking Lot Construction Agreement by and between The Metropolitan at Delray, LLC, a Florida limited liability company, and SunTrust Bank, a Georgia banking corporation, recorded October 6, 2015, in Official Records Book 27848, Page 808. Benefits subject property as depicted hereon.
- (C8) Terms, covenants, conditions, easements, restrictions, reservations and other provisions, according to that certain Declaration of Easements, Covenants, Conditions and Restrictions, by and between SunTrust Bank, a Georgia banking corporation, and Pierre Delray One LLC, a Delaware limited liability company, recorded November 13, 2017, in Official Records Book 29463, Page 1774; as amended by First Amendment recorded February 7, 2019, in Official Records Book 30405, Page 867; as amended by Second Amendment recorded June 10, 2019, in Official Records Book 30671, Page 1012 (not verified); and as may be further amended. Affects subject property however not a matter of survey, therefore not plotted.
- (C9) Terms, covenants, conditions, easements, restrictions, reservations and other provisions, according to that certain Limited Declaration of Easements, Covenants, Conditions and Restrictions recorded November 13, 2017, in Official Records Book 29463, Page 1800; and as may be further amended. Affects subject property as depicted hereon.

Zoning Information

(Parcel C) Parcel Control #12434616010850040  
ZONING: CF: Community Facilities  
Land Use: Parking Lot  
Per zoning verification letter, no setback other zoning information supplied, except that per zoning verification letter, dated 10-24-17, Parcel Control #12434616010850040 (Parcel C) and #12434616010850050 (Adjoiner Parcel) are not required to provide parking for 302 E. Atlantic Avenue.

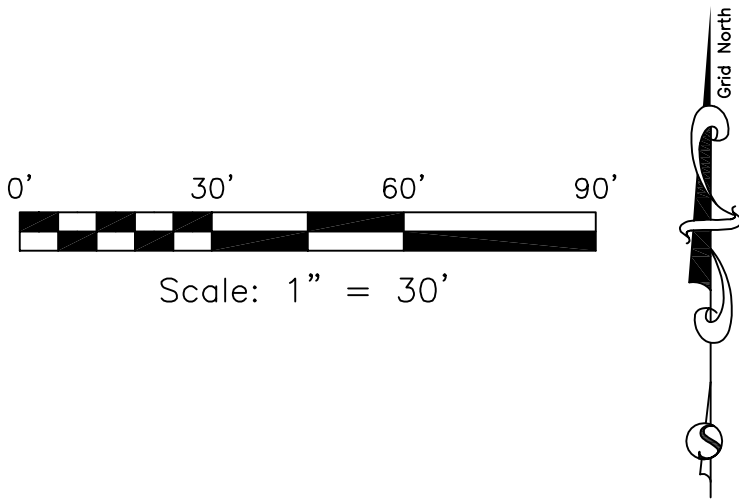
Note: Zoning information is depicted hereon for informational purposes only. Surveyor makes no guarantees to accuracy or interpretation of the zoning regulations.

Note: Zoning information is depicted per Zoning Verification Letters provided by: Timothy Stillings, AICP, Planning, Zoning and Building Director, Phone: 561-243-7040, dated 10-10-17 and 10-24-17.

Zoning Contact: City of Delray Beach Zoning Department, 101 NW 1st Avenue, Delray Beach, FL 33444  
Phone: 561-243-7000

Note 1\*: Per zoning verification letter, dated 10-24-17, the Parking Compliance Agreement, as recorded in Official Records 27848, Page 767, was terminated, October 17, 2017, per "Termination Agreement and Mutual Release", as recorded in Official Records Book 29431, Page 1837.

NOTE: Offsite Plat information depicted hereon for informational purposes.





# Tree & Topographic Detail

## Benchmark Information: NAVD 1988

**TBM #1**  
Elevation = 14.90'  
Found PK Nail & Disk "LB7340" marking the Northeast corner of subject property near the Southwest corner of the intersection of East Atlantic Avenue & SE 3rd Avenue; 10'± Southeast of a light pole; 13'± Northwest of unknown vaults.

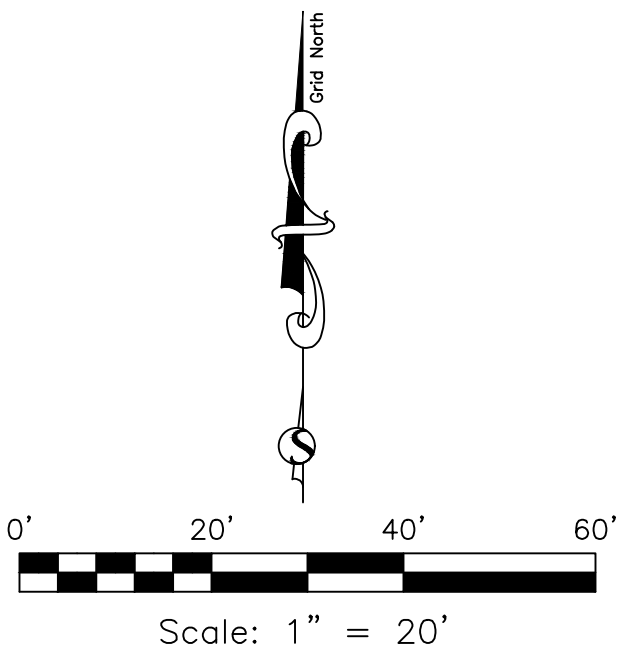
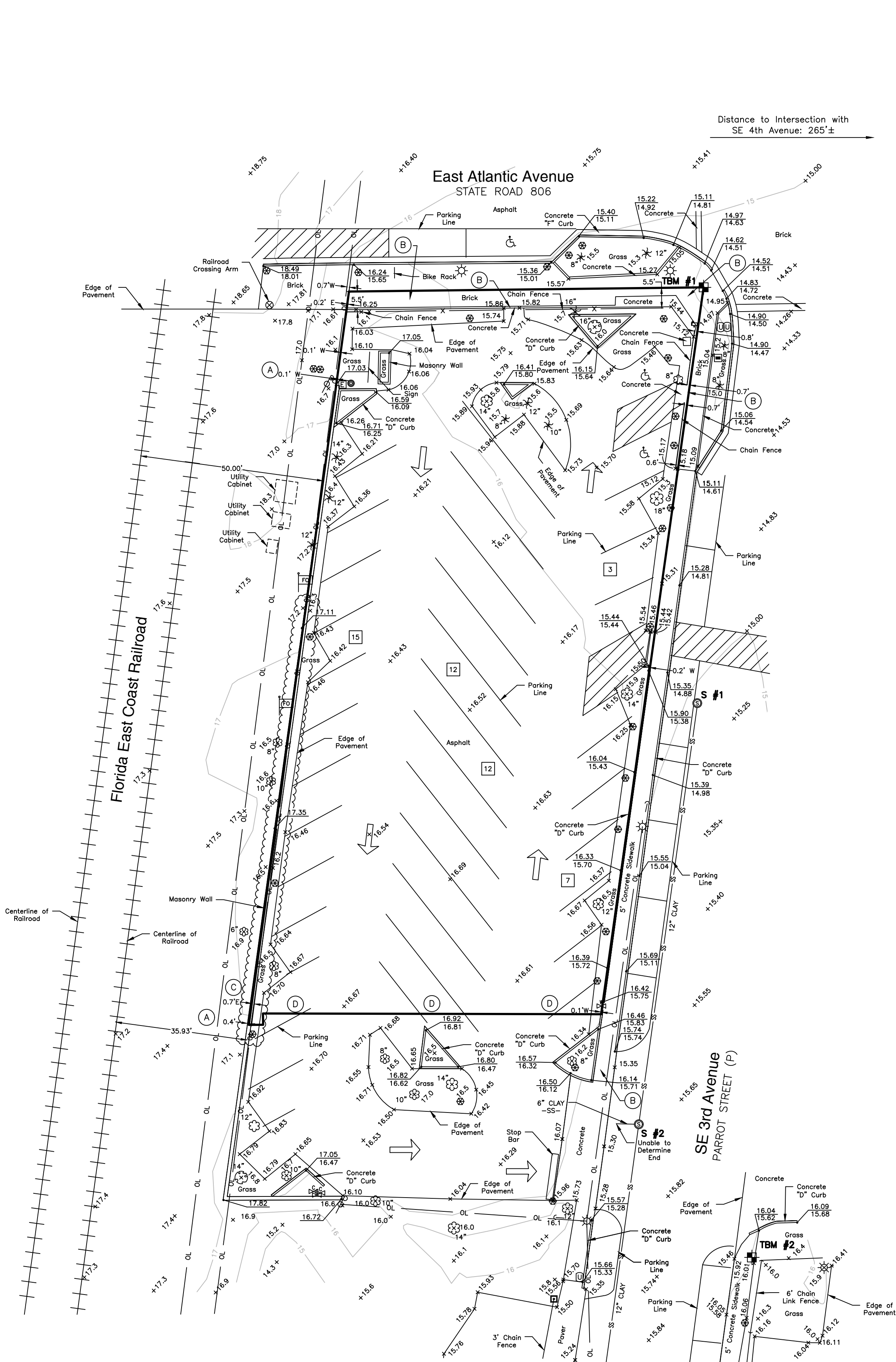
**TBM #2**  
Elevation = 16.08'  
Found PK Nail & Disk "LB3591" on the East side of SE 3rd Avenue, 260'± South of the intersection of East Atlantic Avenue & SE 3rd Avenue; 48'± Southeast of a sanitary manhole; 46'± Easterly of a light pole.

## Statement of Potential Encroachments

- (A) Masonry wall falls West of subject property boundary.
- (B) Open & Notorious Evidence of Pedestrian Ingress/Egress without benefit of easement.
- (C) Overhead utility lines (attached to East side of Pole) potentially fall within the airspace of subject property boundary.
- (D) Parking spaces partially fall within Adjoiner Parcel and subject property boundary.

## Sanitary Information: NAVD 1988

Structure	Top EL. (ft.)	Pipe Size, Material	IE. (ft.)	Direction
S #1	15.18	12" CLAY	11.10	South
S #2	15.65	12" CLAY	10.61	North
		12" CLAY	10.55	South
		6" CLAY	11.45	West



## Parking Space Count (within Parcel C and Adjoiner Parcel)

NUMBER OF PROVIDED PARKING SPACES	
TYPE OF SPACE	TOTAL PROVIDED
REGULAR	49
HANDICAP	2
TOTAL	51

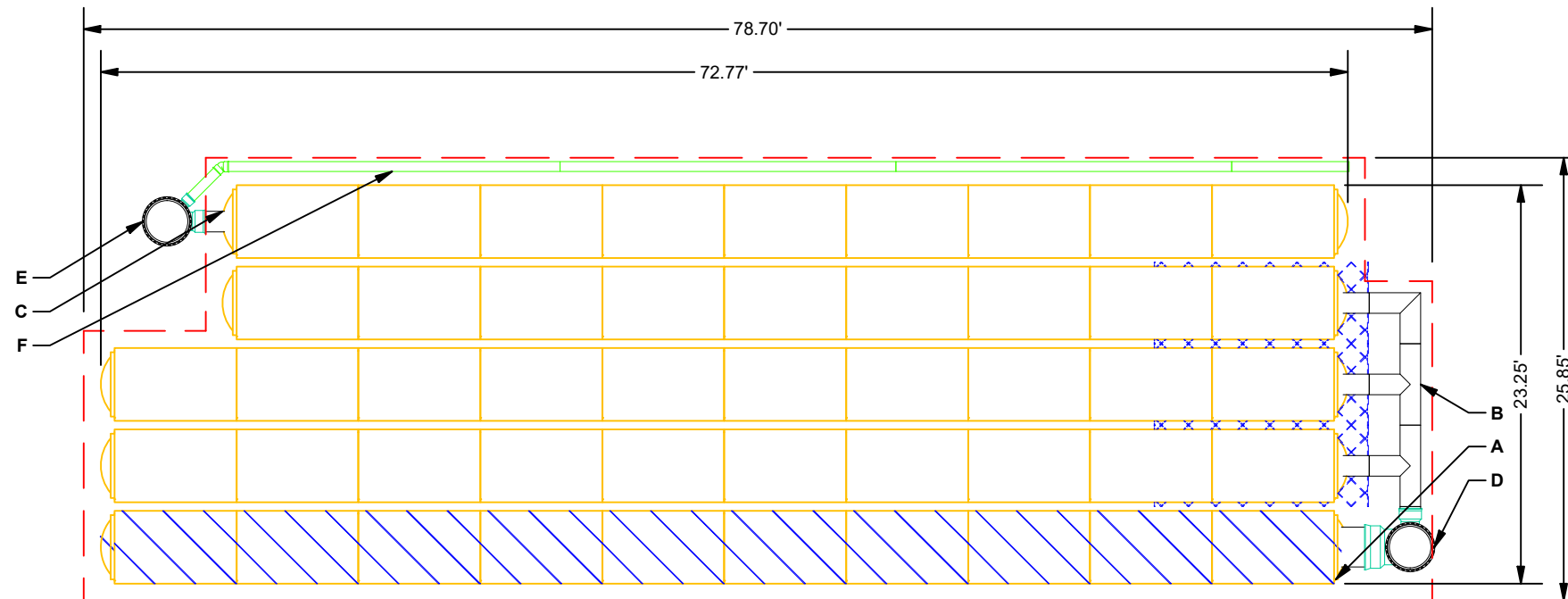
Parking space count depicted above does not include parking within the public right-of-way adjacent to subject property parcels, or offsite properties which may be parking areas for subject property parcels via easements



At time of field survey, all parking spots within Parcel C and Adjoiner Parcel, contain curb stops painted "SUNTRUST PARKING ONLY"

STORMTECH SC-740 CHAMBERS  
STORMTECH SC-740 END CAPS  
STONE ABOVE (in)  
STONE BELOW (in)  
% STONE VOID  
INSTALLED SYSTEM VOLUME (CF)  
(PERIMETER STONE INCLUDED)  
(COVER STONE INCLUDED)  
(BASE STONE INCLUDED)  
SYSTEM AREA (SF)  
SYSTEM PERIMETER (ft)

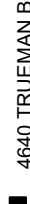


MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):  
 MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):  
 MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):  
 MINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT):  
 MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):  
 TOP OF STONE:  
 TOP OF SC-740 CHAMBER:  
 12" x 12" TOP MANIFOLD INVERT:  
 12" BOTTOM CONNECTION INVERT:  
 24" ISOLATOR ROW INVERT:  
 BOTTOM OF SC-740 CHAMBER:  
 UNDERDRAIN INVERT:  
 BOTTOM OF STONE:

PART TYPE	ITEM ON LAYOUT	DESCRIPTION	INVERT*	MAX FLOW
PREFABRICATED END CAP	A	24" BOTTOM PREFABRICATED END CAP/TYP OF ALL 24" BOTTOM CONNECTIONS AND ISOLATOR ROWS	0.10"	
MANIFOLD	B	12" X 12" TOP, ADS N-12	12.50"	
PIPE CONNECTION	C	12" BOTTOM CONNECTION	1.20"	
NYLOPLAST (INLET W/ ISO ROW)	D	30" DIAMETER (24" SUMP MIN)		5.7 CFS IN
NYLOPLAST (OUTLET)	E	30" DIAMETER (DESIGN BY ENGINEER)		2.0 CFS OUT
UNDERDRAIN	F	6" ADS N-12 DUAL WALL PERFORATED HDPE UNDERDRAIN		



-  ISOLATOR ROW  
(SEE DETAIL)
-  PLACE MINIMUM 12.50' OF ADS GEOSYNTHETICS 315WTK WOVEN  
GEOTEXTILE OVER BEDDING STONE AND UNDERNEATH CHAMBER  
FEET FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS
-  — — — BED LIMITS

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH SHEET #7 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- NOT FOR CONSTRUCTION

<div> ADVANCED DRAINAGE SYSTEMS, INC.</div> <div>4640 TRUEMAN BLVD HILLIARD, OH 43026 1-800-733-7473</div>	<div> <b>StormTech</b><sup>®</sup> <i>Detention - Retention - Water Quality</i> 70 INWOOD ROAD, SUITE 3   ROCKY HILL, CT   06067 860-529-8188   888-892-2864   WWW.STORMTECH.COM</div>	REV	DRW	CHK	DESCRIPTION	PIERRE DELRAY SITE 2  DELRAY BEACH, FL
<div></div>	DATE:		DRAWN: LL		PROJECT #:	
	CHECKED: N/A					
	SHEET 2 OF 6					

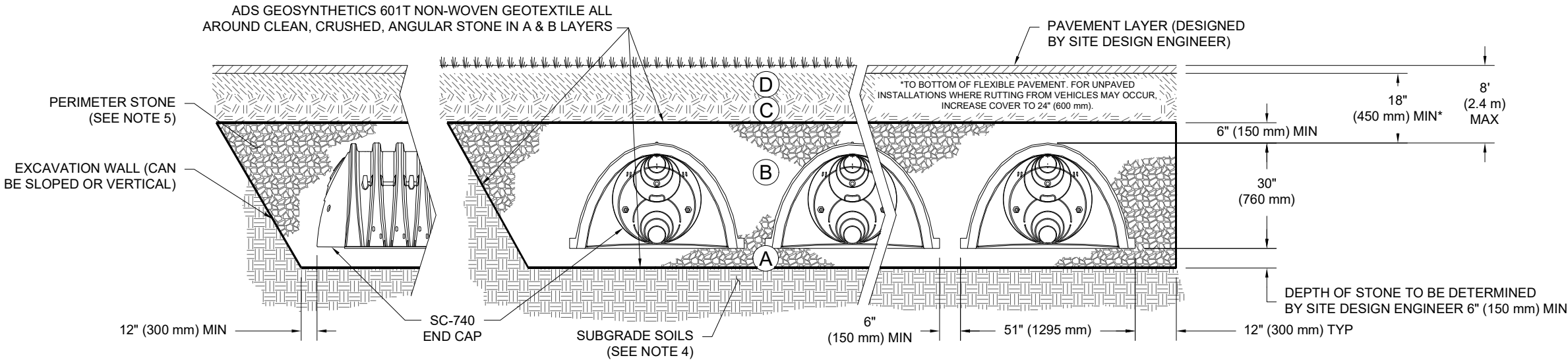
THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DRAWING PRIOR TO CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.



ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	<b>FINAL FILL:</b> FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	<b>INITIAL FILL:</b> FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE.  MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 <sup>1</sup> A-1, A-2-4, A-3  OR  AASHTO M43 <sup>1</sup> 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	<b>EMBEDMENT STONE:</b> FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 <sup>1</sup> 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	<b>FOUNDATION STONE:</b> FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 <sup>1</sup> 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. <sup>2,3</sup>

- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
  - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
  - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
  - ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



NOTES:

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
  - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
  - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
  - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

PIERRE DELRAY SITE 2  
DELRAY BEACH, FL

DESCRIPTION

CHK

DRW

REV

DATE:

DRAWN: LL

CHECKED: N/A

PROJECT #:

StormTech®  
Detention • Retention • Water Quality

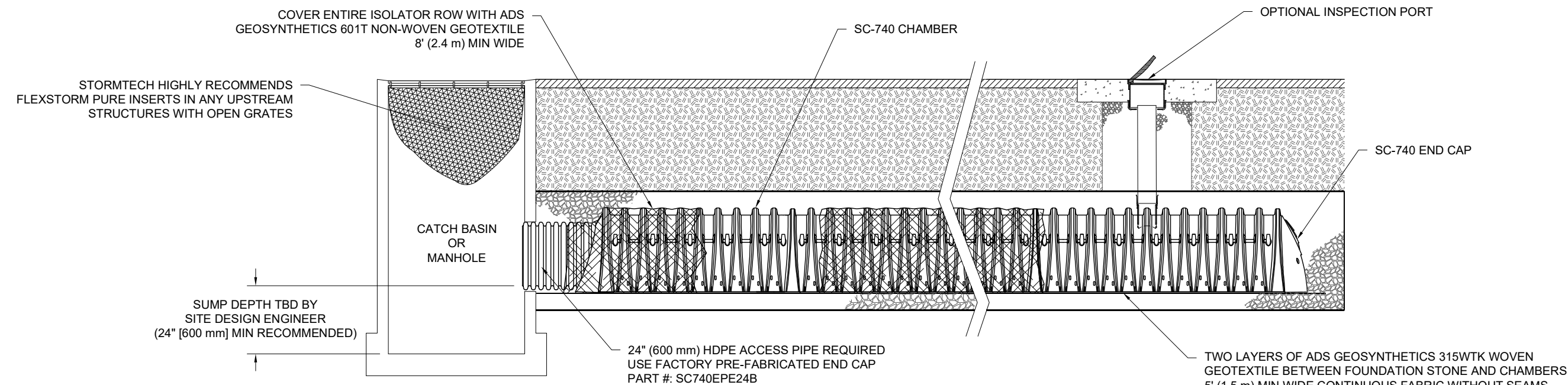
4640 TRUEMAN BLVD  
HILLIARD, OH 43026  
1-800-733-7473

70 INWOOD ROAD, SUITE 3 | ROCKY HILL | CT | 06067  
860-528-8188 | 888-892-2694 | WWW.STORMTECH.COM

ADS  
ADVANCED DRAINAGE SYSTEMS, INC.

THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DRAWING PRIOR TO CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.

SHEET  
3 OF 6



SC-740 ISOLATOR ROW DETAIL  
NTS

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
    - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
    - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
    - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
    - A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
    - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
  - B. ALL ISOLATOR ROWS
    - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
    - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
      - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
      - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
    - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
  - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
  - C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

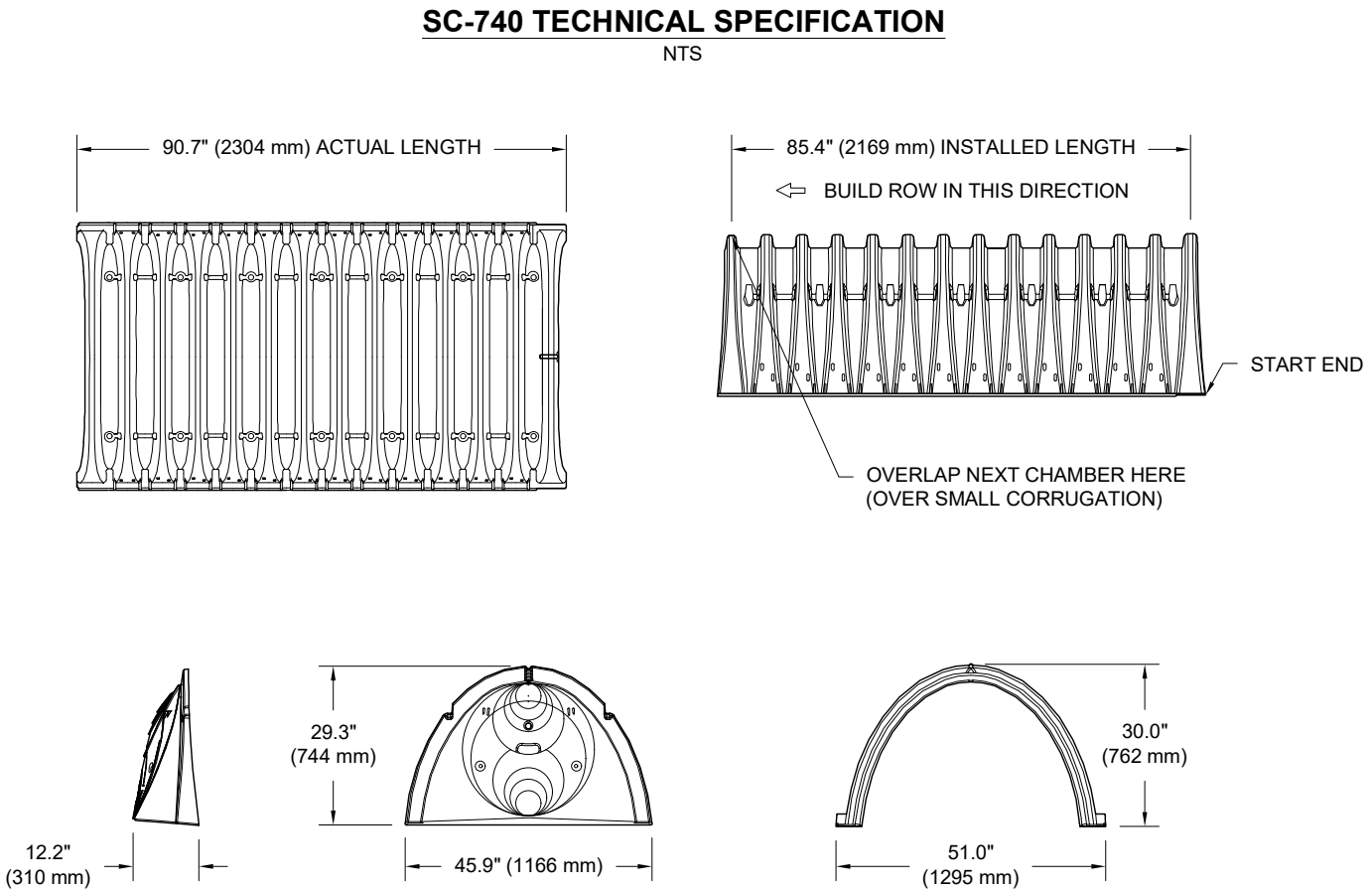
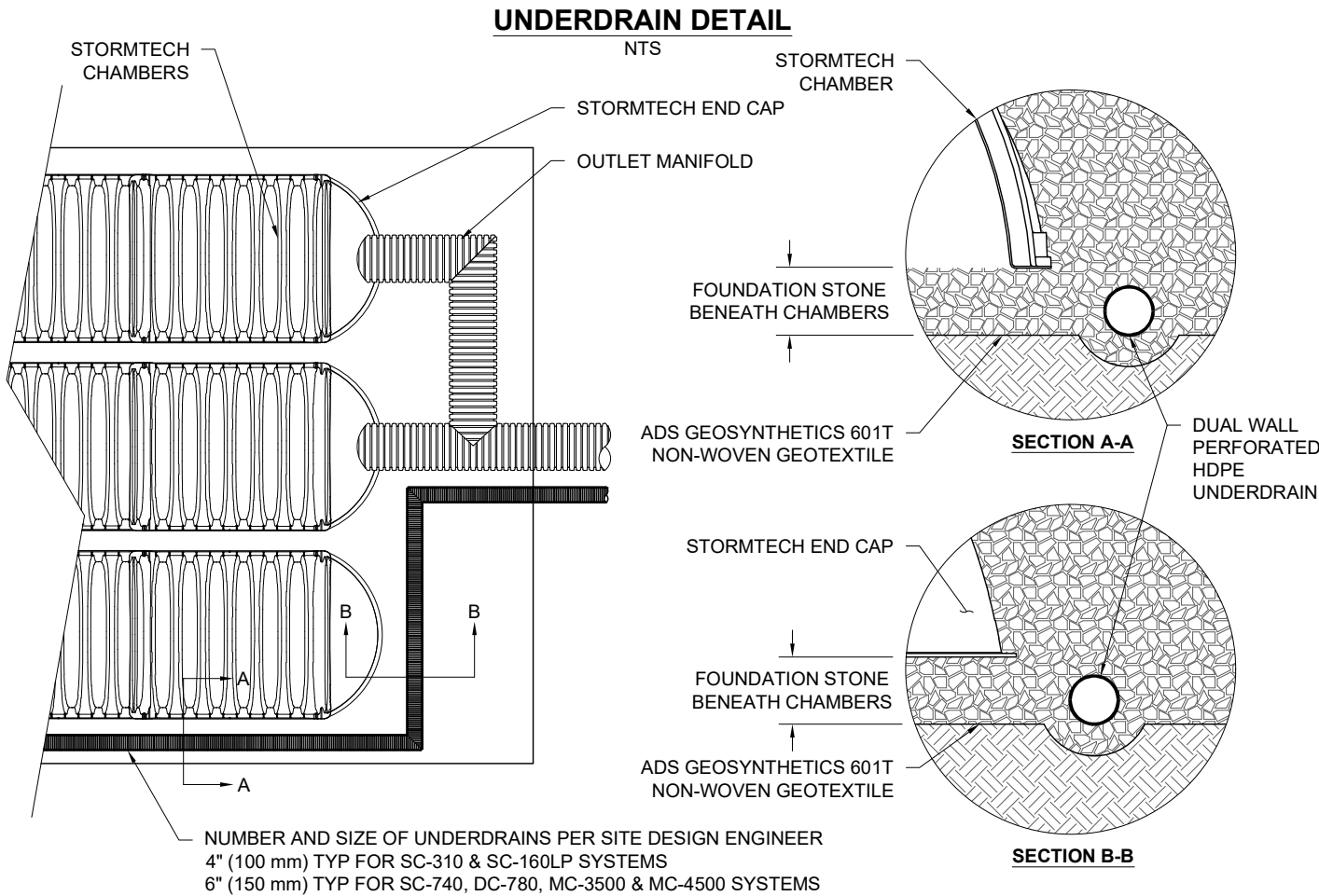


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HILLIARD, OH 43026  
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**ADS**  
ADVANCED DRAINAGE SYSTEMS, INC.

PIERRE DELRAY SITE 2 DELRAY BEACH, FL		DATE:		PROJECT #:	
DESCRIPTION	CHK	DRW	REV	DRAWN: LL	CHECKED: N/A

THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DRAWING PRIOR TO CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.



NOMINAL CHAMBER SPECIFICATIONS			
SIZE (W X H X INSTALLED LENGTH)	51.0" X 30.0" X 85.4"	(1295 mm X 762 mm X 2169 mm)	
CHAMBER STORAGE	45.9 CUBIC FEET	(1.30 m³)	
MINIMUM INSTALLED STORAGE*	74.9 CUBIC FEET	(2.12 m³)	
WEIGHT	75.0 lbs.	(33.6 kg)	

\*ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"  
PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"  
PRE-CORED END CAPS END WITH "PC"

PART #	STUB	A	B	C
SC740EPE06T / SC740EPE06TPC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	---
SC740EPE06B / SC740EPE06BPC			---	0.5" (13 mm)
SC740EPE08T / SC740EPE08TPC			16.5" (419 mm)	---
SC740EPE08B / SC740EPE08BPC	8" (200 mm)	12.2" (310 mm)	---	0.6" (15 mm)
SC740EPE10T / SC740EPE10TPC			14.5" (368 mm)	---
SC740EPE10B / SC740EPE10BPC			---	0.7" (18 mm)
SC740EPE12T / SC740EPE12TPC	12" (300 mm)	14.7" (373 mm)	12.5" (318 mm)	---
SC740EPE12B / SC740EPE12BPC			---	1.2" (30 mm)
SC740EPE15T / SC740EPE15TPC			9.0" (229 mm)	---
SC740EPE15B / SC740EPE15BPC	15" (375 mm)	18.4" (467 mm)	---	1.3" (33 mm)
SC740EPE18T / SC740EPE18TPC			5.0" (127 mm)	---
SC740EPE18B / SC740EPE18BPC			---	1.6" (41 mm)
SC740EPE24B*	24" (600 mm)	18.5" (470 mm)	---	0.1" (3 mm)

ALL STUBS, EXCEPT FOR THE SC740EPE24B ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

\* FOR THE SC740EPE24B THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL

PIERRE DELRAY SITE 2  
DELRAY BEACH, FL

DESCRIPTION

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DATE: LL

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CHECKED: N/A

SHEET

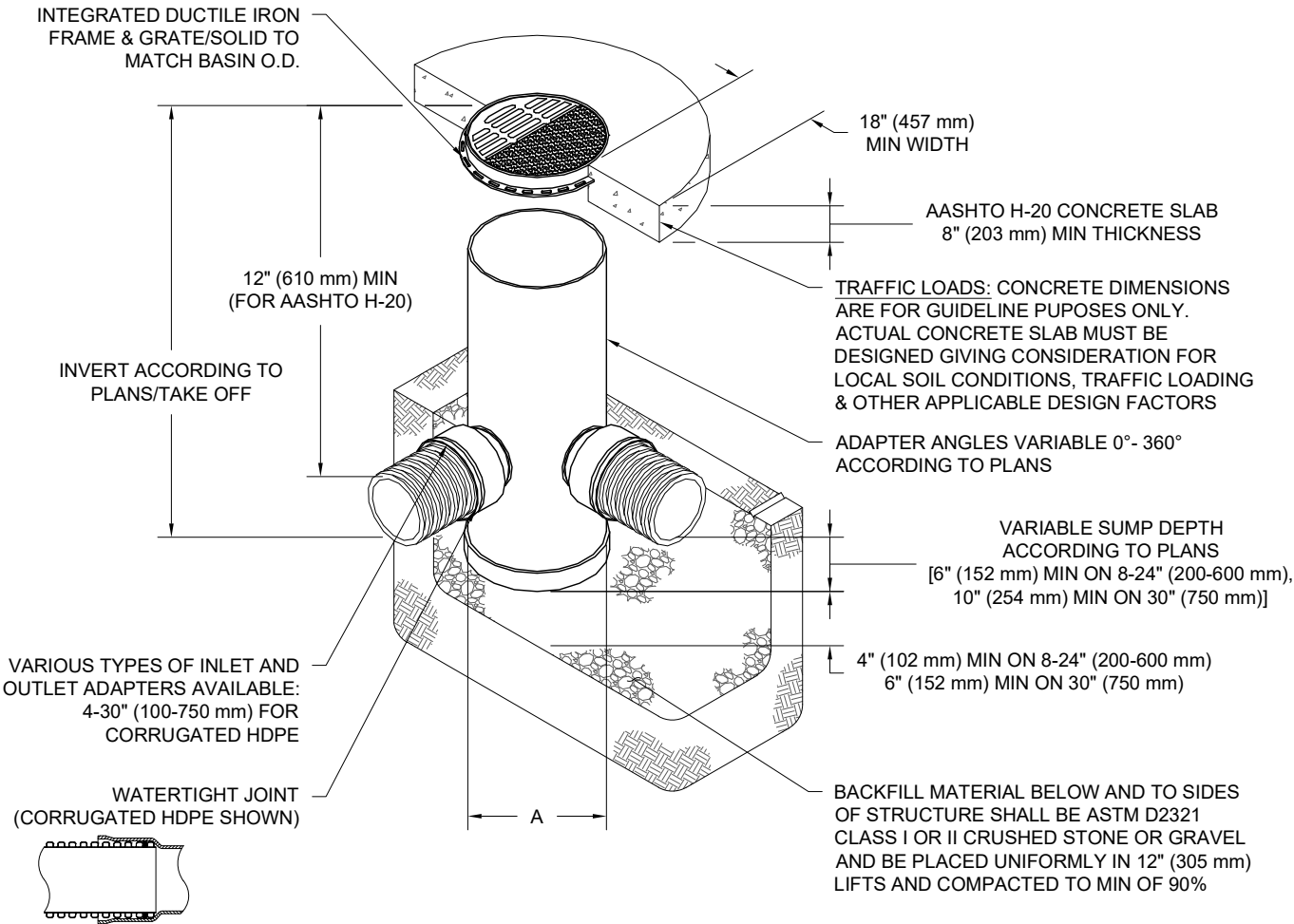
5 OF 6

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NYLOPLAST DRAIN BASIN

NTS



NOTES

- 8-30" (200-750 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
- 12-30" (300-750 mm) FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
- DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
- DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC
- FOR COMPLETE DESIGN AND PRODUCT INFORMATION: [WWW.NYLOPLAST-US.COM](http://WWW.NYLOPLAST-US.COM)
- TO ORDER CALL: **800-821-6710**

A	PART #	GRATE/SOLID COVER OPTIONS		
8" (200 mm)	2808AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY
10" (250 mm)	2810AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY
12" (300 mm)	2812AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
15" (375 mm)	2815AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
18" (450 mm)	2818AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
24" (600 mm)	2824AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
30" (750 mm)	2830AG	PEDESTRIAN AASHTO H-20	STANDARD AASHTO H-20	SOLID AASHTO H-20

PIERRE DELRAY SITE 2  
DELRAY BEACH, FL

DESCRIPTION

CHK

DRW


REV

DATE: LL


PROJECT #:

CHECKED: N/A

3130 VERONA AVE  
BUFORD, GA 30518  
PHN (770) 932-2443  
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[www.nyloplast-us.com](http://www.nyloplast-us.com)

  
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SHEET  
6 OF 6

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