

Legend of Symbols & Abbreviations

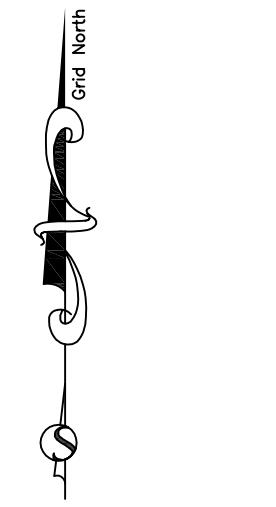
◎	Found P.K. Nail & Disk	◎	Water Meter
No.	Number	◎	Water Valve
P.S.M.	Professional Surveyor and Mapper	◎	Backflow Preventer
Id.	Identification	◎	Irrigation Control Valve
LB	Licensed Business	◎	Fire Hydrant
ORB	Official Records Book	◎	Light Pole
DB	Deed Book	◎	Utility Pole
PG	Page	◎	Electric Pull Box
R/W	Right-of-way	◎	Guy Wire
FEC	Florida East Coast Railroad	◎	Unknown Utility Box
(F)	Field Measurement	◎	Telephone Manhole
(D)	Deed Reference	◎	Traffic Signal Box
(P)	Plat Reference	◎	Fiber Optic Cable Marker
No.	Number	◎	Unknown Vault
⊕	Sign	◎	Number of Parking Spaces
⊗	Miscellaneous Feature	◎	Property Corner Designation
●	Round Post	◎	Spot Elevation
■	Mailbox	◎	Spot Elevation on Hard Surface
●	Handicap Parking Space	◎	Back of Curb/Top of Wall Elevation
□	Square Post	◎	Edge of Pavement Elevation
◎	Sanitary Manhole	◎	Sanitary Sewer Pipe
CLAY	Clay Pipe	◎	Fence
S #1	Sanitary Manhole	◎	Overhead Utility Line
IE.	Invert Elevation	◎	Centerline Railroad Tracks
El.	Elevation	◎	Gate
ft.	Feet		
Temporary Benchmark	Temporary Benchmark		
TBM	Temporary Benchmark		
○	Oak		
*	Palm		
◎	Unknown Tree		

ALTA/NSPS Land Title Survey

SunTrust Delray Parcel C

Section 16, Township 46 South, Range 43 East Palm Beach County, Florida

0' 20' 40' 60'
Scale: 1" = 20'



Legal Description

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:

LESS PARCEL C(a)

(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.

LESS PARCEL C(b)

(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.

LESS PARCEL C(c)

(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.

NOTE A*:

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 the Surveyor's ability to decipher it is believed that the intention is to take 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.

Parcel C Total Acreage
18880.02 Square Feet
0.433 Acres

Parcel Ownership Information

Parcel C
Parcel Control #12-43-46-16-01-085-0040
PIERRE DELRAY TWO LLC
2000 AVENUE OF THE STARS FL 11
LOS ANGELES, CA 90067 4732

Adjoining Parcel
Parcel Control #12-43-46-16-01-085-0050
ROSEBUD 3RD AVENUE LLC
101 SE 4TH AVE
DELRAY BEACH, FL 33483 4515

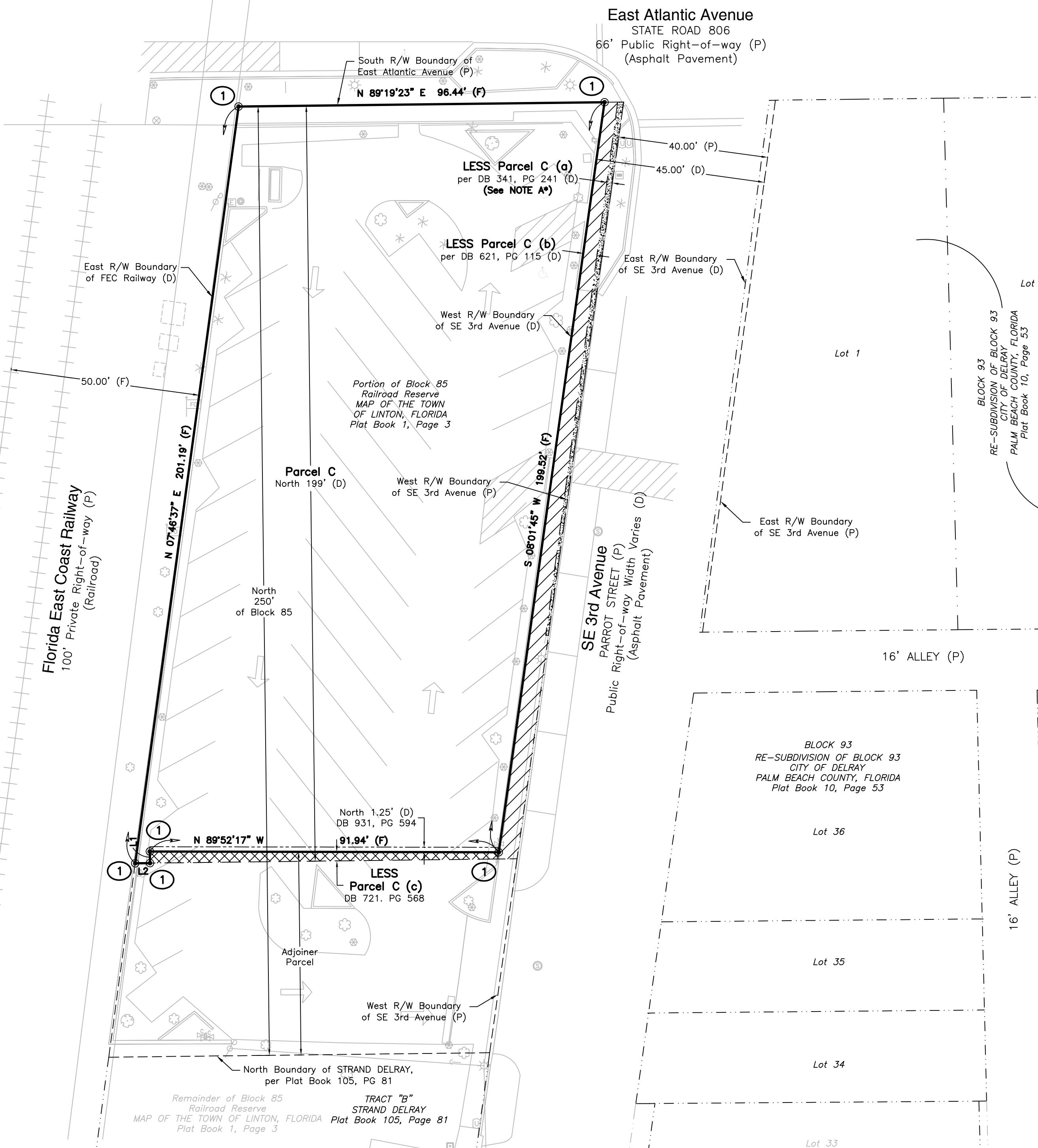
ALTA/NSPS Land Title Survey

Parcel C — Parking Lot
E Atlantic Ave & SE 3rd Ave
Delray Beach, Florida 33483

Surveyor's Certification:

This is to certify to Pierre Delray Two LLC, a Delaware limited liability company, its affiliates, surveyors and designee, Commonwealth Land Title Insurance Company and Dunay, Miskel and Backman LLP, that this map or plat and the survey on which it is based were made in accordance with the "Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2016, and includes items 1-5, 6(a), 7(a), 7(b)(1), 7(c), 8-9, 11, 13, 14 and 16-19 of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that in my professional opinion, as a land surveyor registered in the State of Florida the Relative Positional Accuracy of this survey does not exceed that which is specified therein.

Not Valid Without The Signature And The Original Raised Seal Of A Florida Licensed Surveyor And Mapper



Property Corner Designations

① Found PK Nail &
Disk "LB7340"

FLOOD NOTE:
By graphic plotting only, this property is in Flood Zone "X".
Flood Insurance Rate Map: 12099C
Panel No.: 0379 F
Community Name/No.: City of Delray Beach/125102
Effective Date: October 5, 2017
Subject Property IS NOT in a Special Flood Hazard Area.
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'

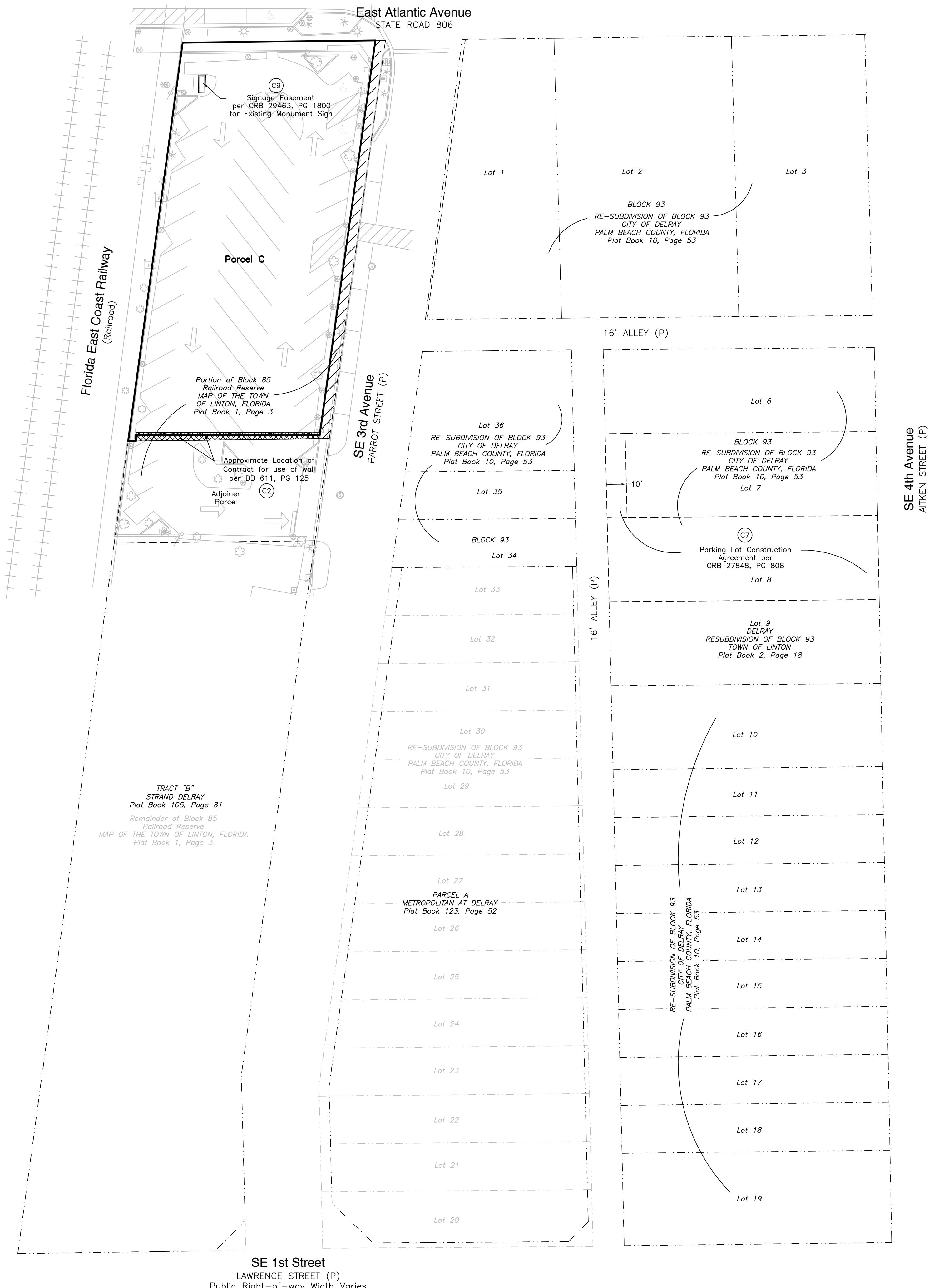
REVISION	DATE	INITIALS

SURVEYING TODAY WITH TOMORROW'S TECHNOLOGY			
Drafted By: B Stinson	Drawing Name: 20170157_9A		
Date Drafted: 7/26/19	Phase: 9		
Approved By: S. Brown	Last Field Date: 6/14/19		
Date Approved: 7/30/19	Field Book/Page: 19-09-09		



Stacy L. Brown
Florida Professional Surveyor and Mapper No: 6516
SurveTech Solutions, Inc.
Florida Licensed Business No. 7340

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 herein.*
- (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 750; as affected by Assignment of Lease Rights by Sheri Rock, as Plaintiff, Plaintiff's Right to Rock, as Defendant, recorded in Official Records 2775, Page 824; further assigned to Steven M. Kiparick, Melissa L. Merritt and Adrienne L. Merritt, as Co-Trustees of the Plaintiff's Irrevocable Trust Agreement, dated December 22, 1988, Sheri Priest, Plaintiff; 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 as Co-Trustees of the Residuary Trust - Trust B under the Felice P. Ledbetter Trust dated the 21st day of July, 1999 ("Assignees"), 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, 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, blanketed in nature over Parcel C and Adjainer 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.
- (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 herein.*

Zoning Information

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

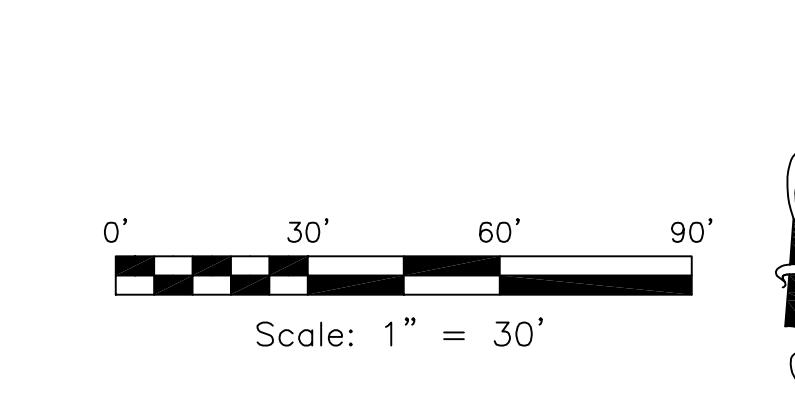
Note: Zoning information is depicted herein for informational purposes only.
Surveyor makes no guarantees to accuracy or interpretation of the zoning regulations.

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 herein for informational purposes.



ALTA/NSPS Land Title Survey
SunTrust Delray Parcel C

 SURVECHTECH SOLUTIONS, INC.
10220 U.S. Highway 92 East
Tampa, FL 33610
Licensed Business #7340
Phone: (813) 621-4929
Fax: (813) 621-7184
Email: sbrown@survechtechsolutions.com
http://www.survechtechsolutions.com

Drawing Name: 20170157_9A

Phone: (813) 621-4929
Fax: (813) 621-7184
Email: sbrown@survechtechsolutions.com
http://www.survechtechsolutions.com

Sheet: 2 OF 3

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.

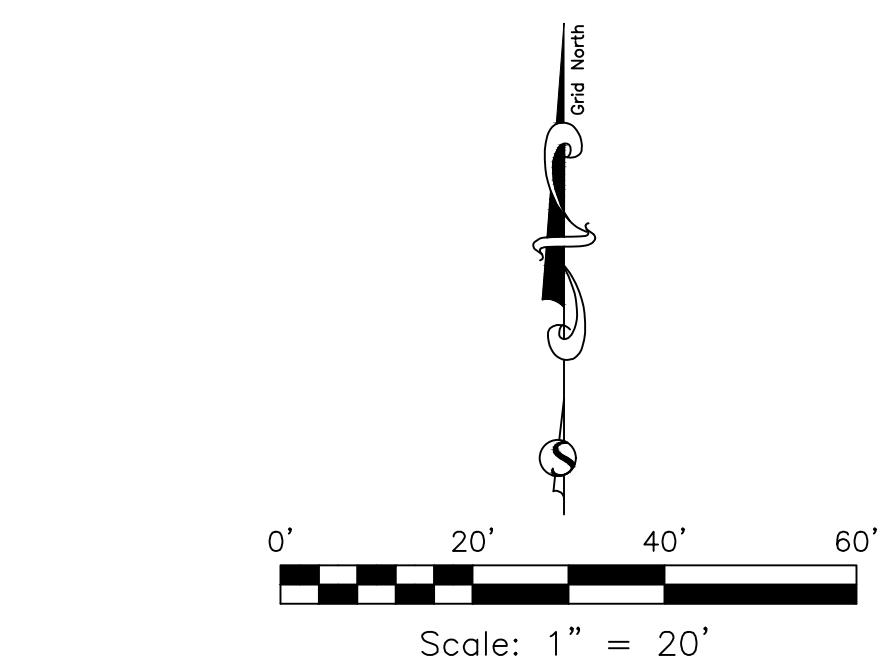
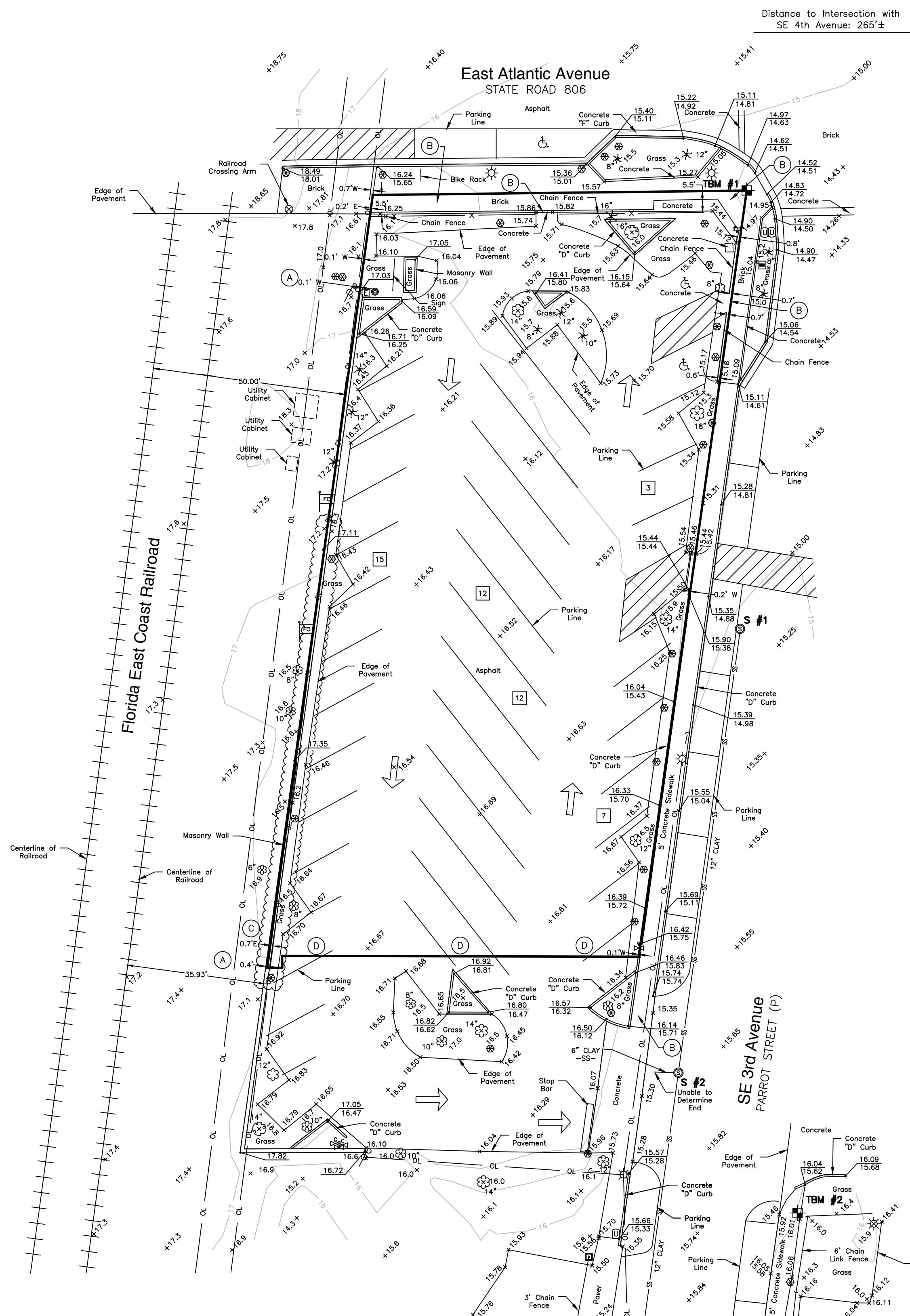
TBM #2
Elevation = 16.08'
Found PK Nail & Disk "LB3591" on the East side of SE 3rd Avenue, 260'± South of the intersection of East Atlantic Avenue & SE 3rd Avenue; 46'± Southeast of a sanitary manhole; 46'± Easterly of a light pole.

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 Adjoinder 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 Adjoinder Parcel)

NUMBER OF PROVIDED PARKING SPACES
NUMBER OF PROVIDED PARKING SPACES
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 Adjoinder Parcel, contain curb stops painted "SUNTRUST PARKING ONLY".

PROPOSED LAYOUT

48 STORMTECH SC-740 CHAMBERS
 10 STORMTECH SC-740 END CAPS
 6 STONE ABOVE (in)
 6 STONE BELOW (in)
 40 % STONE VOID
 INSTALLED SYSTEM VOLUME (CF)
 (PERIMETER STONE INCLUDED)
 (COVER STONE INCLUDED)
 (BASE STONE INCLUDED)
 1934 SYSTEM AREA (SF)
 209.10 SYSTEM PERIMETER (ft)

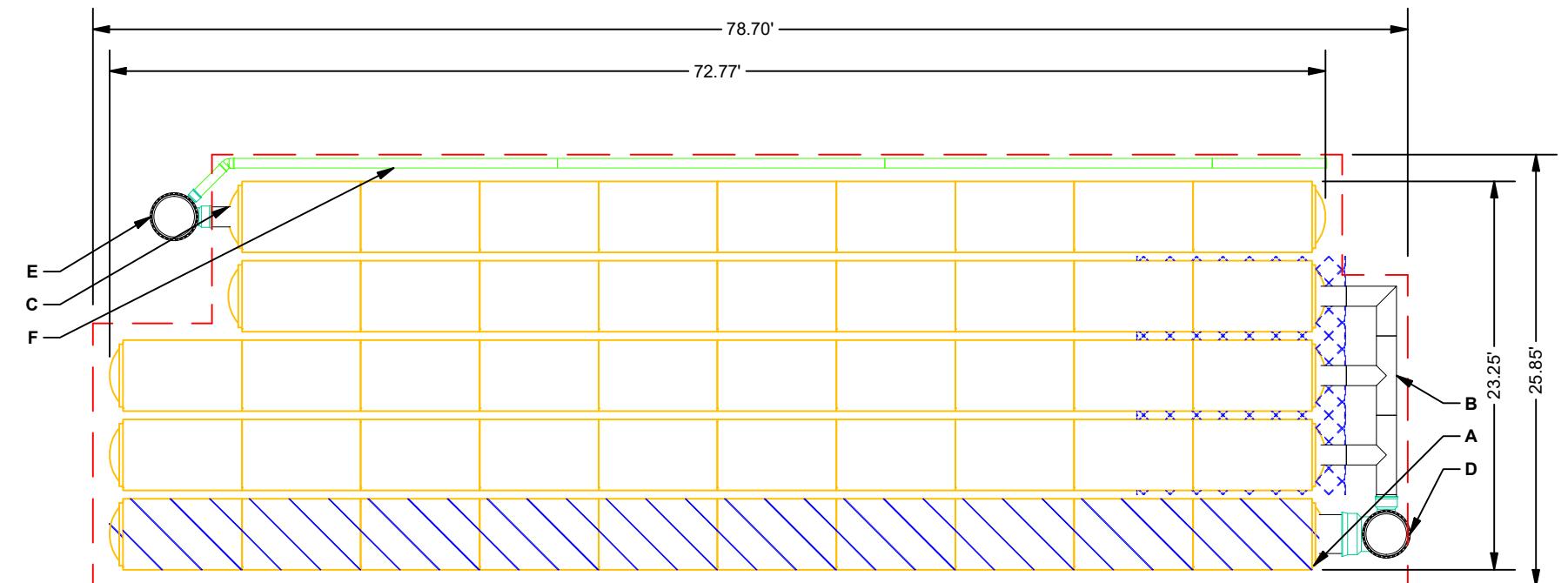
PROPOSED ELEVATIONS

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:

22.02
 16.02
 15.52
 15.52
 15.52
 14.52
 14.02
 12.56
 11.62
 11.53
 11.52
 11.02
 11.02

*INVERT ABOVE BASE OF CHAMBER				
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		

PIERRE DELRAY SITE 2 DELRAY BEACH, FL			
DATE:	DRAWN: LL		
PROJECT #:	CHECKED: N/A		
REV	DRW	CHK	DESCRIPTION
StormTech	Detention, Retention, Water Quality 70 INWOOD ROAD, SUITE 3 ROCKY HILL, CT 06067 860-528-8188 888-392-2654 WWW.STORMTECH.COM		
4640 TRUEMAN BLVD HILLIARD, OH 43026 1-800-733-7473	20'	10'	0'
ADS. Advanced Drainage Systems, Inc.	20'	10'	0'
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.			



NOTES

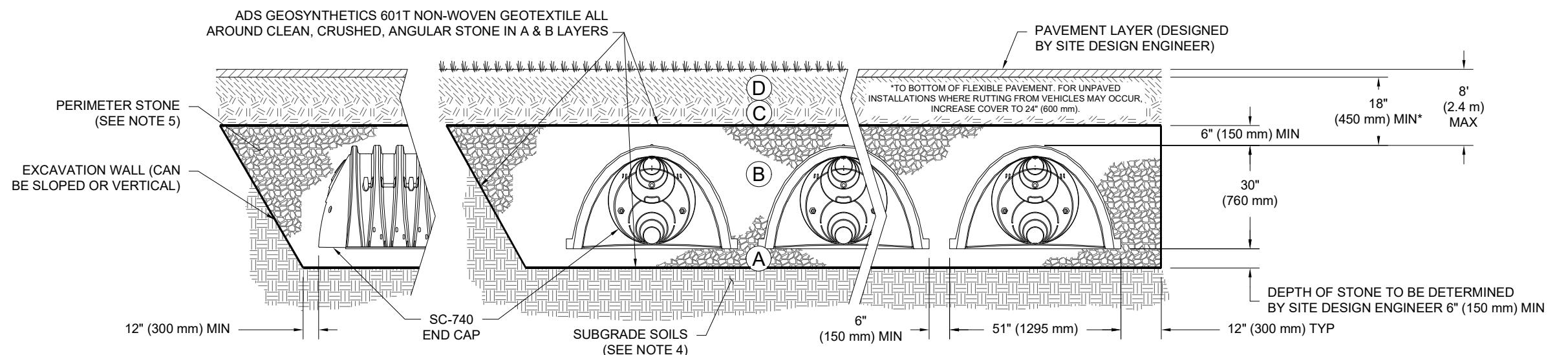
- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH SHEET #7 FOR MANIFOLD SIZING GUIDANCE.
- DUUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THE 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 IN SITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- NOT FOR CONSTRUCTION

ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D		FINAL FILL: 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
C		INITIAL FILL: 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 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10
B		EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57
A		FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57

PLEASE NOTE:

1. 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".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERS WITH A VIBRATORY COMPACTOR.
3. 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.
4. 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:

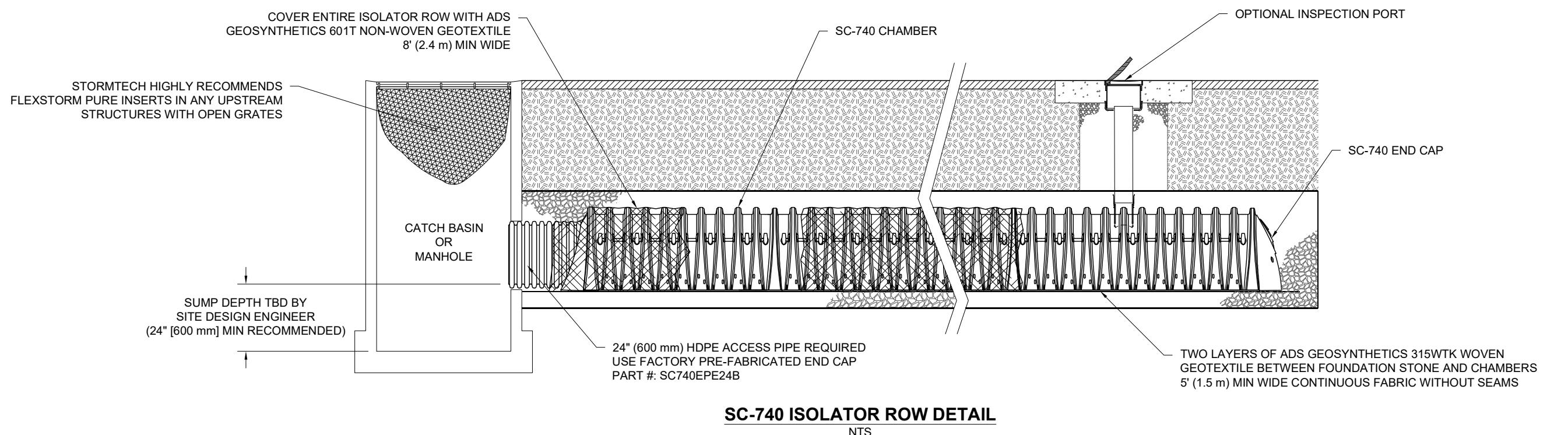
1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. 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.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. 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			
DATE:	DRAWN: LL		
PROJECT #:	CHECKED: N/A		
REV	DRW	CHK	DESCRIPTION

StormTech
Retention-Runoff-Water Quality
70 INWOOD ROAD, SUITE 3 | ROCKY HILL, CT 06067
860-528-8188 | 888-392-2684 | WWW.STORMTECH.COM

4640 TRUEMAN BLVD HILLIARD, OH 43026 1-800-733-7473 ADVANCED DRAINAGE SYSTEMS, INC.
ADS

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.



INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT

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

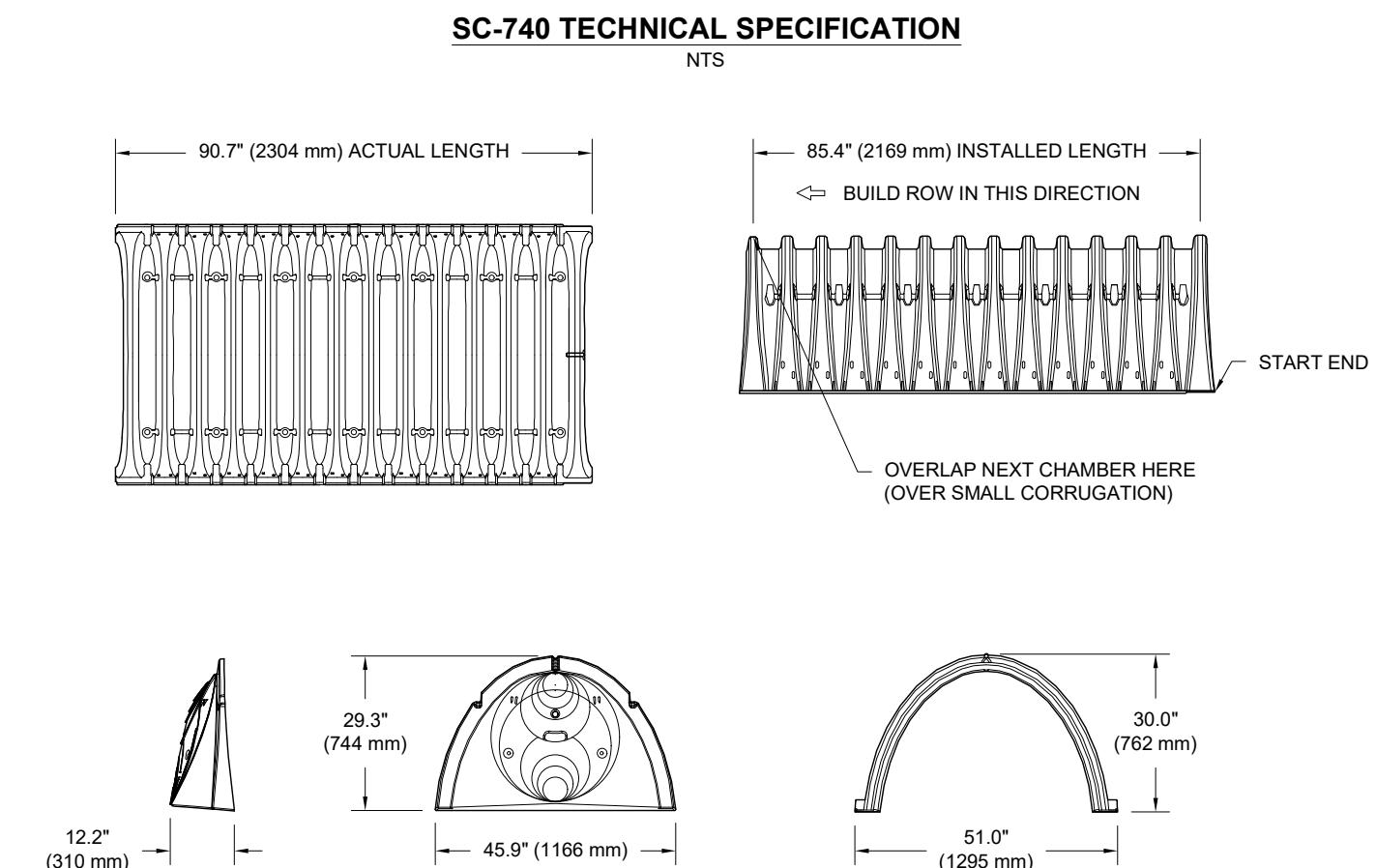
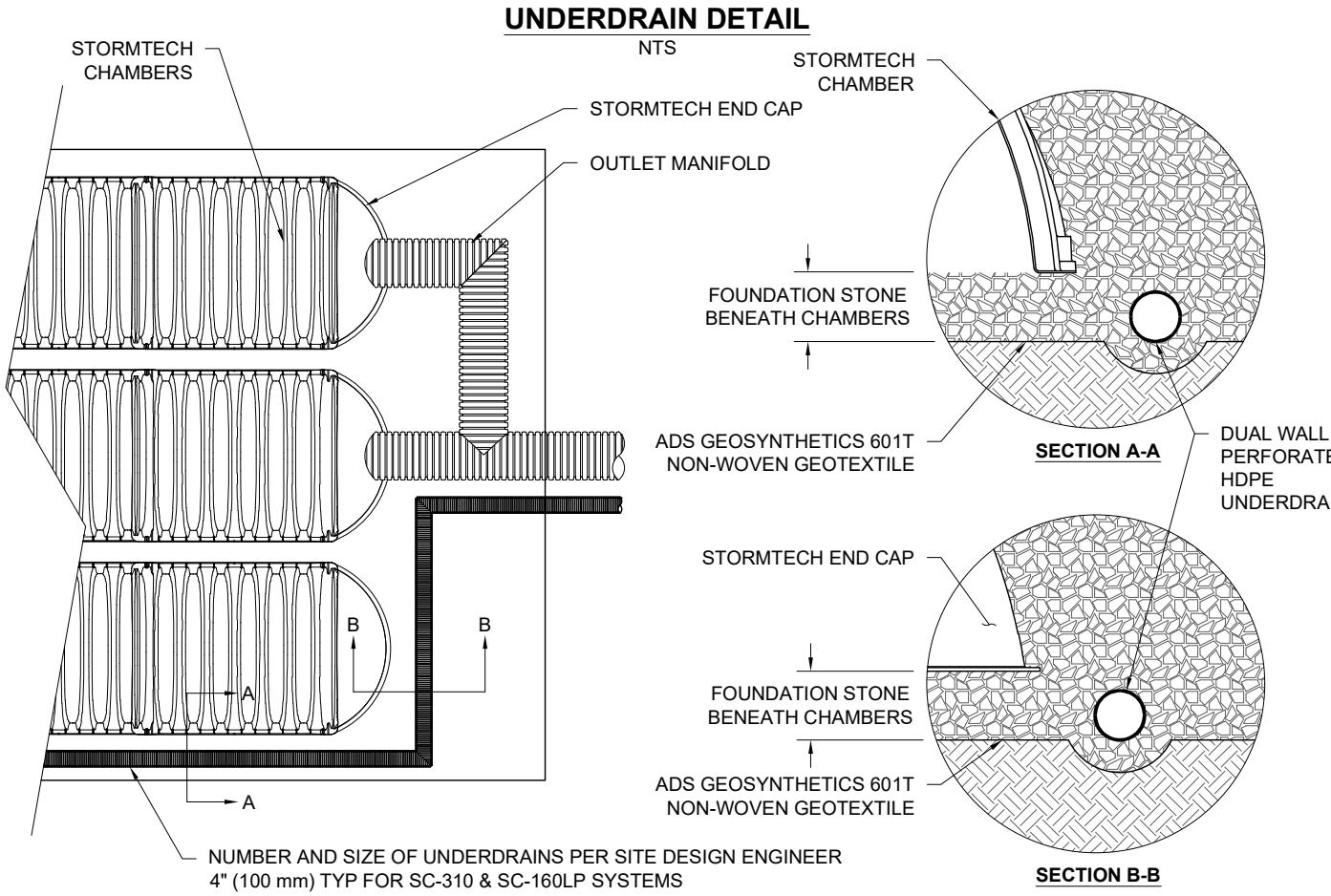
STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

- 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.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

4640 TRUEMAN BLVD HILLIARD, OH 43026 1-800-733-7473 ADVANCED DRAINAGE SYSTEMS, INC.	StormTech [®] Detention, Retention, Water Quality 70 INWOOD ROAD, SUITE 3 ROCKY HILL, CT 06067 860-528-8188 888-392-2684 WWW.STORMTECH.COM	PIERRE DELRAY SITE 2 DELRAY BEACH, FL		
		DATE: LL	DRAWN: LL	CHECKED: N/A
PROJECT #:				



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 m ³)
MINIMUM INSTALLED STORAGE*	74.9 CUBIC FEET	(2.12 m ³)
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	8" (200 mm)	12.2" (310 mm)	16.5" (419 mm)	---
SC740EPE08B / SC740EPE08BPC			---	0.6" (15 mm)
SC740EPE10T / SC740EPE10TPC	10" (250 mm)	13.4" (340 mm)	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	15" (375 mm)	18.4" (467 mm)	9.0" (229 mm)	---
SC740EPE15B / SC740EPE15BPC			---	1.3" (33 mm)
SC740EPE18T / SC740EPE18TPC	18" (450 mm)	19.7" (500 mm)	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

4640 TRUEMAN BLVD HILLIARD, OH 43026 1-800-733-7473	PIERRE DELRAY SITE 2 DELRAY BEACH, FL		
	DATE: LL	DRAWN: LL	CHECKED: N/A
PROJECT #:			
REV:	DRW:	CHK:	DESCRIPTION

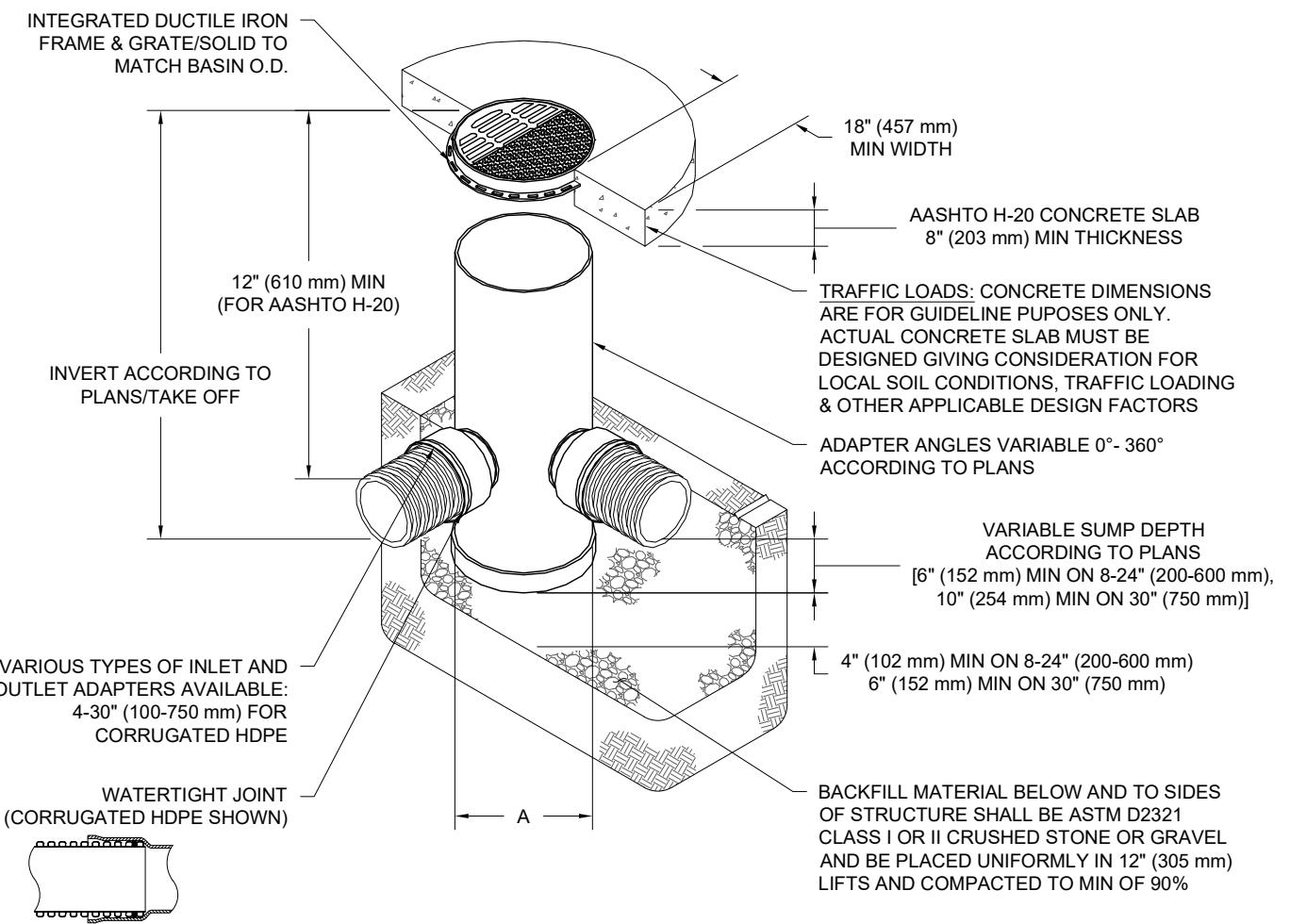
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Retention-Retention-Water Quality
70 INWOOD ROAD, SUITE 3 | ROCKY HILL, CT 06067
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NYLOPLAST DRAIN BASIN

NTS



NOTES

1. 8-30" (200-750 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
2. 12-30" (300-750 mm) FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
3. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
4. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC
5. FOR COMPLETE DESIGN AND PRODUCT INFORMATION: WWW.NYLOPLAST-US.COM
6. 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

 4640 TRUEMAN BLVD HILLIARD, OH 43026 1-800-733-7473 ADVANCED DRAINAGE SYSTEMS, INC.	 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com	PIERRE DELRAY SITE 2	
		DATE: LL	DRAWN: LL
PROJECT #:		CHECKED: N/A	

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