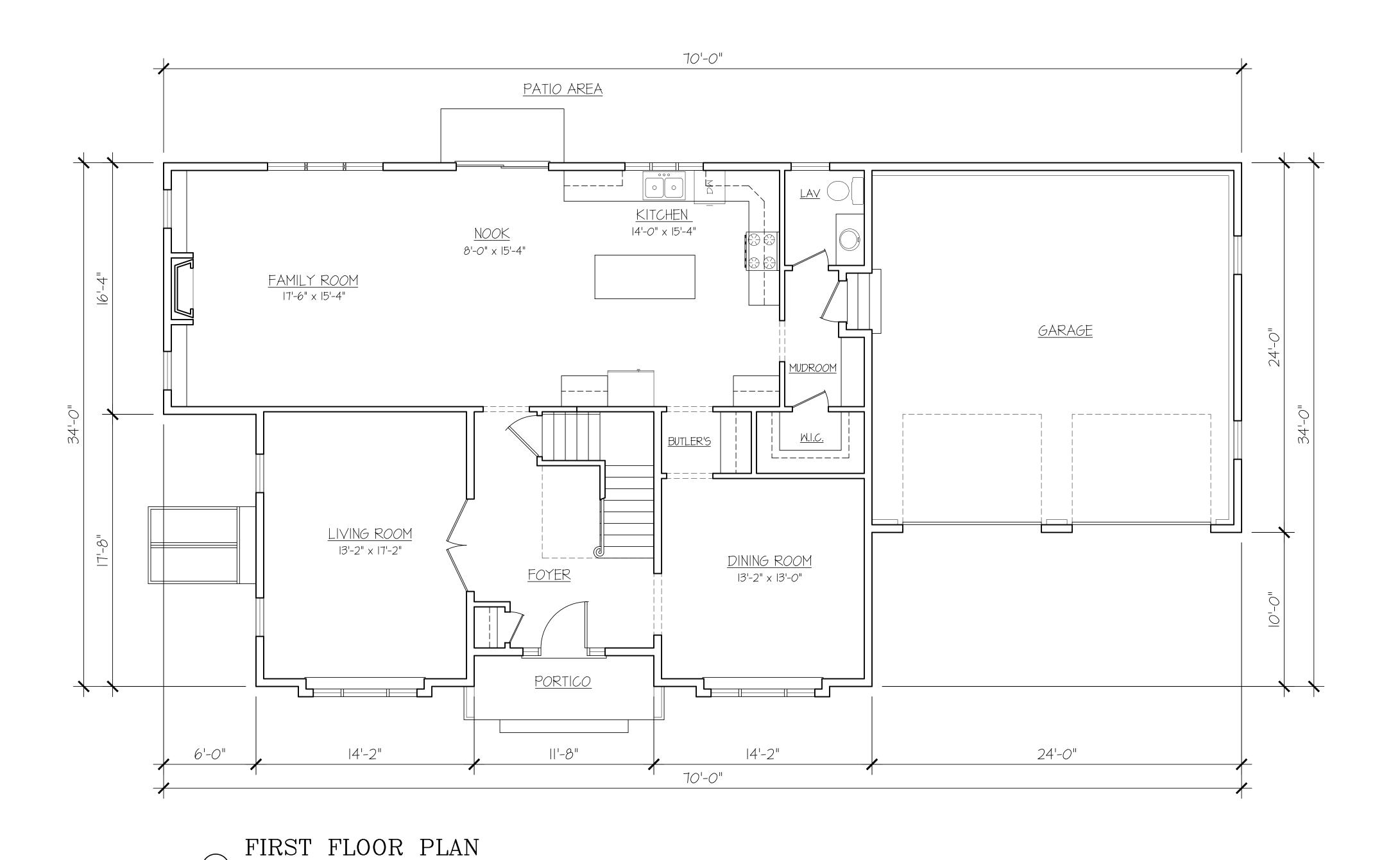


BPDA Design Review Provisos 42 Lila Road, Jamaica Plain Neighborhood Design Overlay District 4.14.2025

General

- 1. All drawings in this PDF comprise the BPDA-approved set of drawings. The BPDA stamp can be found specifically on sheets A2.1, A2.2, L1.1 and Sheet 1 of the Civil Plan.
- 2. Any changes to the plans on these stamped sheets must be submitted to the BPDA for review and approval.
- 3. All building improvements shall be completed *prior to issuance of occupancy permit by ISD* unless prior approval is granted by the Planning Department.
- 4. All site improvements, including but not limited to hardscape and plantings, must be completed *prior to issuance of occupancy permit by ISD* unless prior approval is granted by the Planning Department for a delay in completing the site improvements.



1/4" = 1'

Design, Inc.
ARCHITECTS

35 Main Street
Milford, MA 01757
(P) 781.407.0000
(P) 508.384.8838
Contact@HPADesign.com

PROPOSED DWELLING FOR:

DISIPIO BUILDING GROUP

42 LILA RD JAMAICA PLAIN, MA

A 12/16/24 ISS FOR BOARD REVIEW
REVISIONS:

PROJECT #: 20240099

DECEMBER 6, 2024

DRAWN BY: DEY

CHECKED BY: HPA

SCALE: SEE DRAWING

SHEET TITLE:

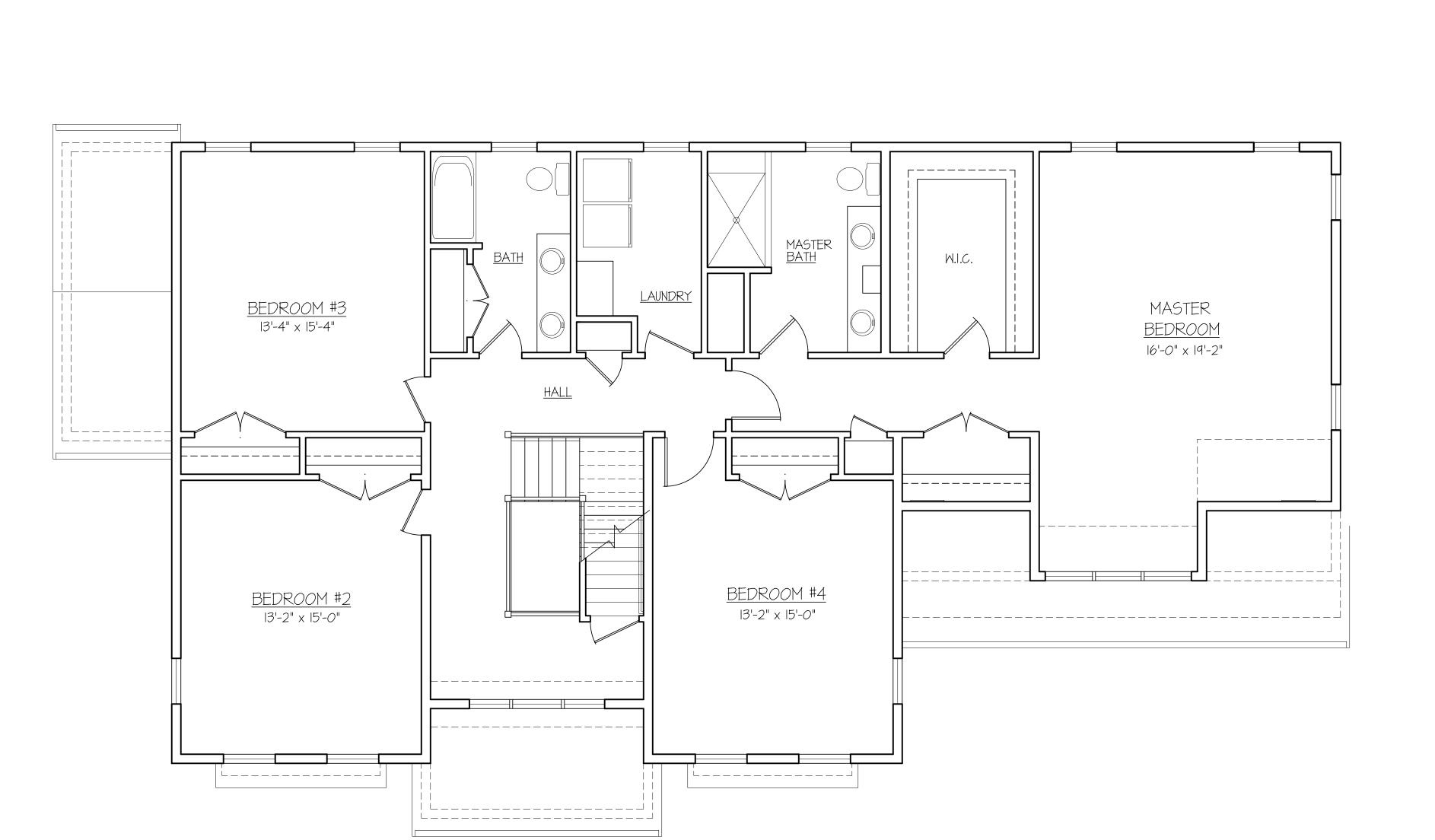
FIRST FLOOR PLAN

These drawings and specifications were prepared for use at the location indicated hereon. Publication and use is expressly limited to the identified location. Re—use or reproduction by any method, in whole or in part, is prohibited without the written permission of Architect. © 2024

1st FLOOR LIVING SPACE - 1,428 SF

The square footage indicated is living space calculated from the exterior face of wall stud. It does not include decks, porches, garages, volumes, uninhabitable & unconditioned spaces. All dimensions and square footages are approximate and subject to change without notice. HPA Design, Inc. assumes no responsibility for technical, typographical, and/or other inaccuracies or errors. © 2019 HPA Design, Inc.

 \mathbb{L} . \mathbb{L}



SECOND FLOOR PLAN

1/4" = 1'



35 Main Street
Milford, MA 01757
(P) 781.407.0000
(P) 508.384.8838
Contact@HPADesign.com

PROPOSED DWELLING FOR:

DISIPIO BUILDING GROUP

42 LILA RD JAMAICA PLAIN, MA

A 12/16/24 ISS FOR BOARD REVIEW
REVISIONS:

PROJECT #: 20240099

DECEMBER 6, 2024

DRAWN BY: DEY

CHECKED BY: HPA

SCALE: SEE DRAWING

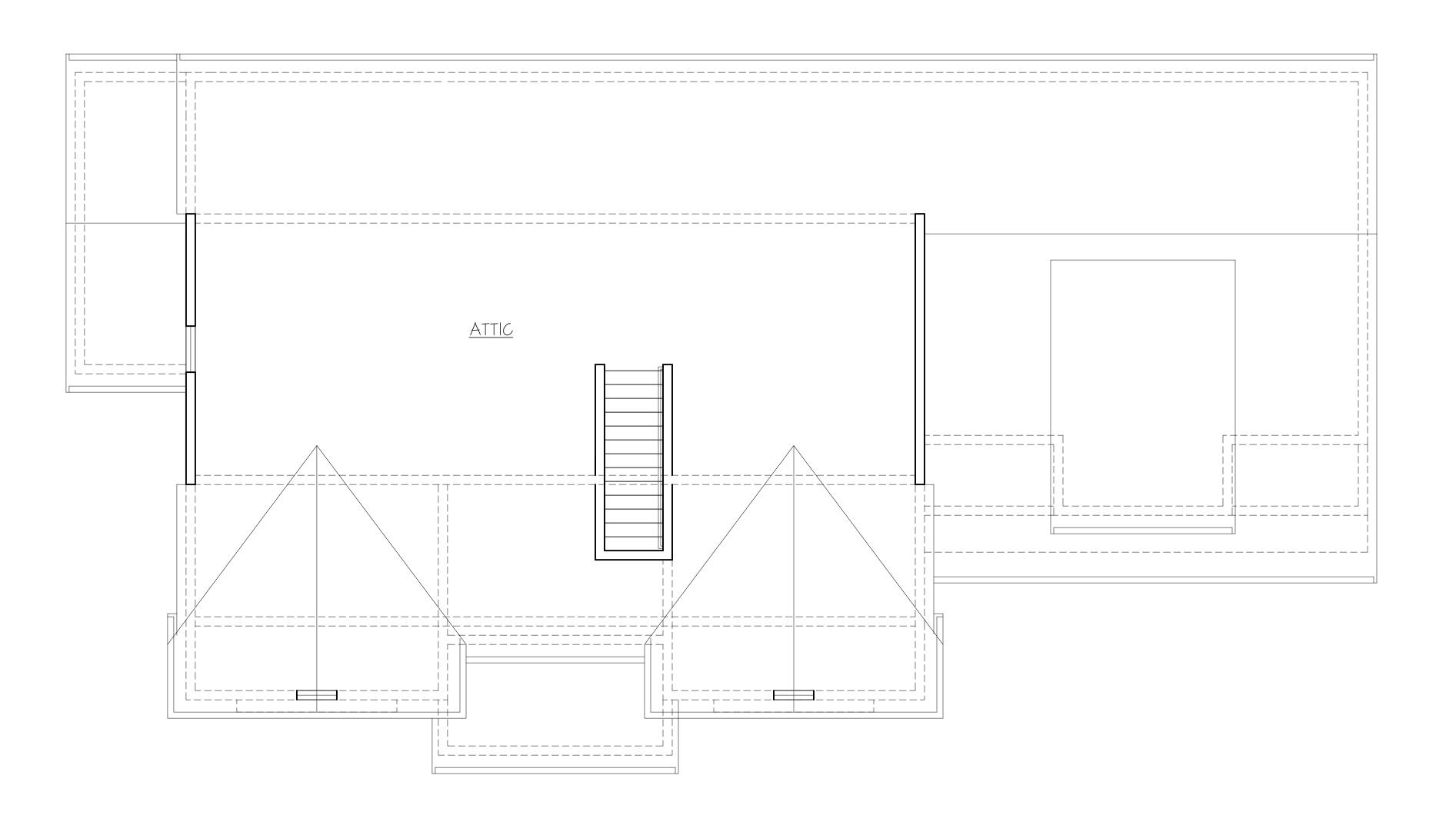
SHEET TITLE:

SECOND FLOOR PLAN

These drawings and specifications were prepared for use at the location indicated hereon. Publication and use is expressly limited to the identified location. Re—use or reproduction by any method, in whole or in part, is prohibited without the written permission of Architect. © 2024

2nd FLOOR LIVING SPACE - 1,823 SF

The square footage indicated is living space calculated from the exterior face of wall stud. It does not include decks, porches, garages, volumes, uninhabitable & unconditioned spaces. All dimensions and square footages are approximate and subject to change without notice. HPA Design, Inc. assumes no responsibility for technical, typographical, and/or other inaccuracies or errors. © 2019 HPA Design, Inc.



ATTIC PLAN

1/4" = 1'



35 Main Street
Milford, MA 01757
(P) 781.407.0000
(P) 508.384.8838
Contact@HPADesign.com

PROPOSED DWELLING FOR:

DISIPIO BUILDING GROUP

42 LILA RD JAMAICA PLAIN, MA

A 12/16/24 ISS FOR BOARD REVIEW
REVISIONS:

PROJECT #: 20240099

DECEMBER 6, 2024

DRAWN BY: DEY

CHECKED BY: HPA

SCALE: SEE DRAWING

SHEET TITLE:

ATTIC PLAN

These drawings and specifications were prepared for use at the location indicated hereon. Publication and use is expressly limited to the identified location. Re—use or reproduction by any method, in whole or in part, is prohibited without the written permission of Architect. © 2024

 $\mathbb{A}^{1}.\mathbb{S}$



Design Section
BOSTON REDEVELOPMENT AUTHORITY Design Review for the Board of Appeal Signature

04/13/2025

Approved with attached provisos.

ARCHITECTS

35 Main Street

Milford, MA 01757 (P) 781.407.0000

(P) 508.384.8838

Contact@HPADesign.com

PROPOSED DWELLING FOR:

DISIPIO **BUILDING GROUP**

42 LILA RD JAMAICA PLAIN, MA

	Α	12/16/24	ISS FOR BOARD REVIEW		
REVISIONS:					
F	PROJECT #: 20240099				

DECEMBER 6, 2024

DRAWN BY: DEY

CHECKED BY: HPA

SEE DRAWING SCALE:

SHEET TITLE:

ELEVATIONS

These drawings and specifications were prepared for use at the location indicated hereon. Publication and use is expressly limited to the identified location. Re—use or reproduction by any method, in whole or in part, is prohibited without the written permission of Architect. © 2024



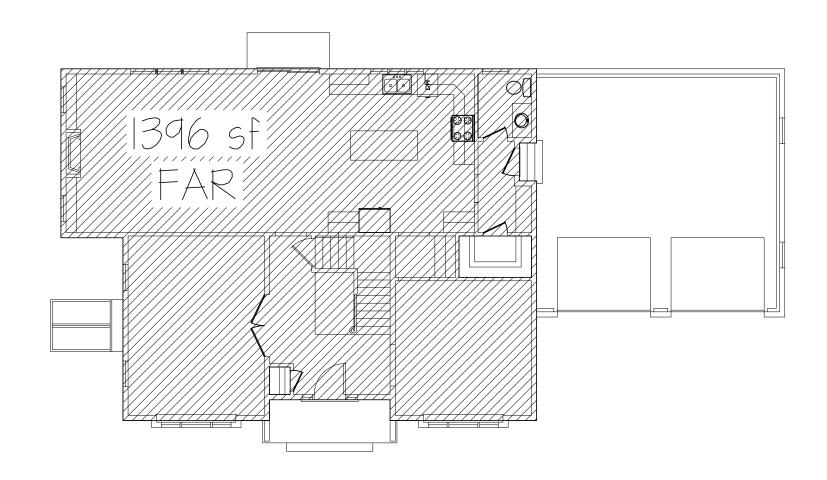
MANUFACTURER: PELLA LIFESTYLE SERIES - BLACK EXTERIOR				
AG	MODEL#	DESCRIPTION		
Α	2965	SINGLE DOUBLE-HUNG		
В	7282	SLIDING PATIO DOOR		
C	2165/3765/2165	DOUBLE-HUNG COMBO		
Dt	2941-3	TRIPLE DOUBLE-HUNG (TEMPERED)		
E	2 4 -3	TRIPLE CASEMENT		
F	3232-3	TRIPLE AWNING		
G	2957	SINGLE DOUBLE-HUNG		
Н	2525	AWNING		
J	2953	SINGLE DOUBLE-HUNG		
K	2947	SINGLE DOUBLE-HUNG		
Kt	2947	SINGLE DOUBLE-HUNG (TEMPERED)		



L------

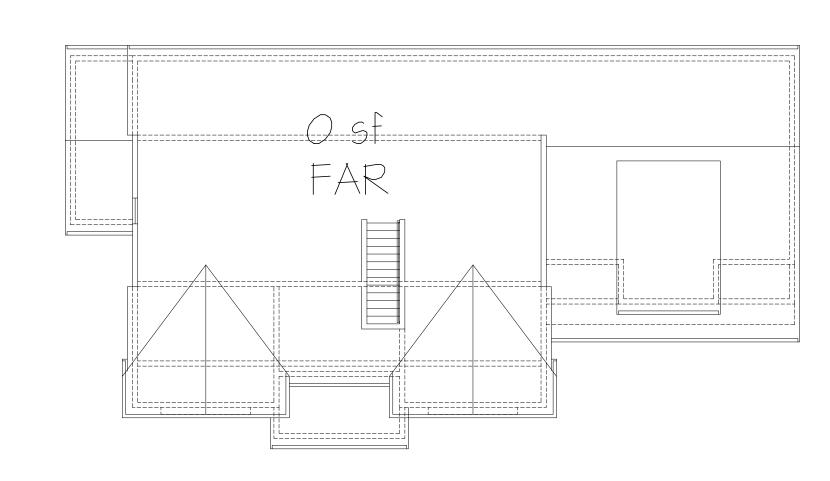
RIGHT SIDE ELEVATION





1st FLOOR

2nd FLOOR



ATTIC

LOT INFORMATION

Lot Area 10,000 sf +/-*

Max. Allowed FAR 0.30**

PROPOSED GROSS FLOOR AREA INFORMATION

1396 sf Gross Floor Area Ist Floor Gross Floor Area 2nd Floor 1576.5 sf Gross Floor Area Upper Floor O sf

Total Proposed Gross Floor Area 2,972.5 sf

Lot Area 10,000 sf +/-*

Proposed FAR 0.29725 < Max. Allowed FAR 0.30

Lot Zone IF-6000*

Max. Gross Floor Area Allowed 3,000sf *

* Note: LOT AREA ETC., WAS TRANSFERED FROM DRAWINGS PREPARED BY; PETER NOLAN \$ ASSOCIATES, LLC., dated 11/26/2024

** Note: MAXIMUM ALLOWABLES TRANSFERED FROM BRA CHARTS

ARCHITECTS

35 Main Street Milford, MA 01757 (P) 781.407.0000 (P) 508.384.8838 Contact@HPADesign.com

PROPOSED DWELLING FOR:

DISIPIO **BUILDING GROUP**

42 LILA RD JAMAICA PLAIN, MA

A 12/16/24 ISS FOR BOARD REVIEW **REVISIONS:**

PROJECT #: 20240099 DECEMBER 6, 2024

DRAWN BY: DEY

CHECKED BY: HPA

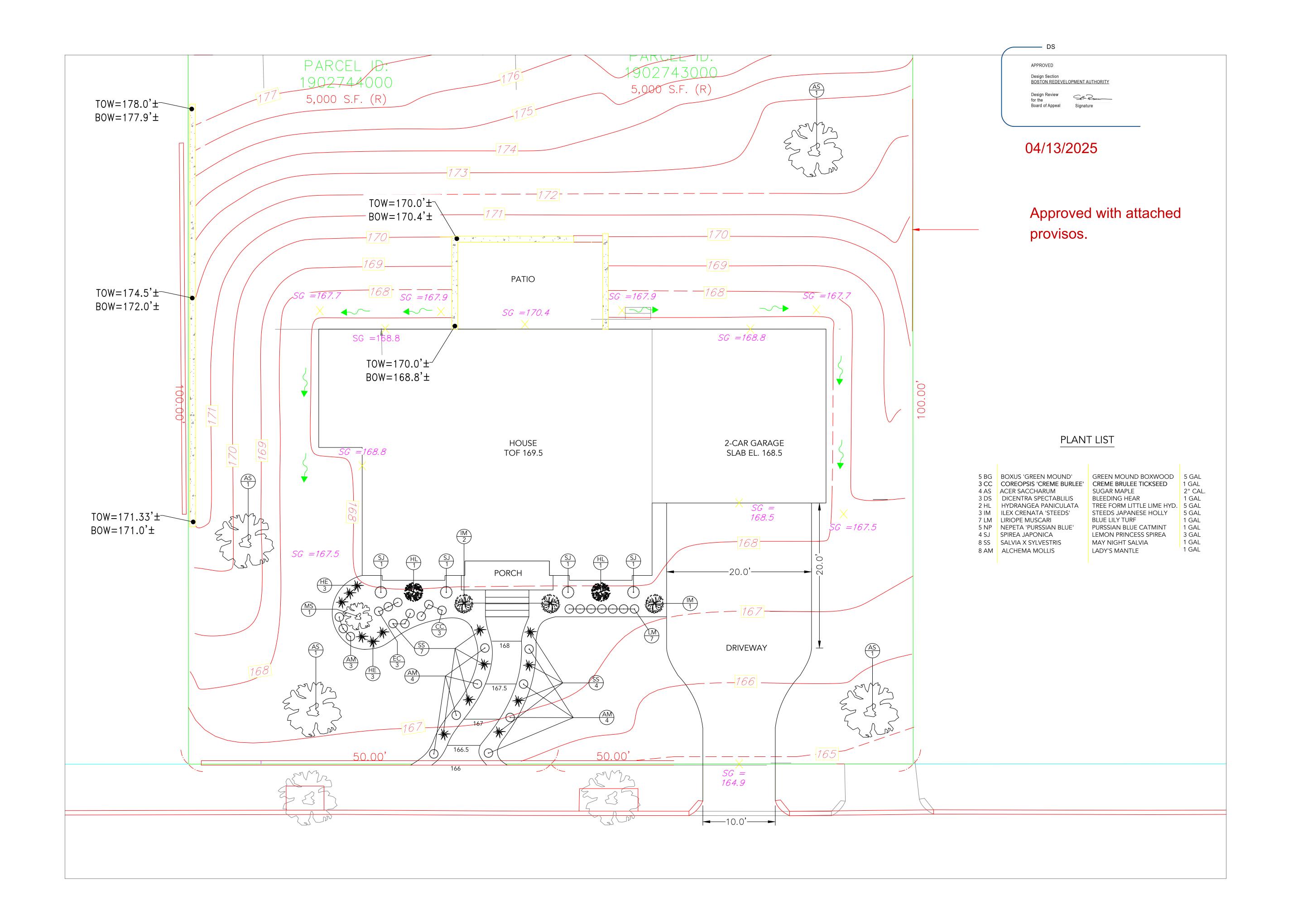
SEE DRAWING SCALE:

SHEET TITLE:

AREA ANALYSIS

These drawings and specifications were prepared for use at the location indicated hereon. Publication and use is expressly limited to the identified location. Re-use or reproduction by any method, in whole or in part, is prohibited without the written permission of Architect. © 2024

 $\mathbb{Z}1.1$



DISIPIO BUILDING GROUP, INC.

105 FAIRMOUNT AVENUE HYDE PARK, MA 02136

42 LILA ROAD JAMAICA PLAIN, MA

DATE: 4/4/2025 DATE
PROJECT NO. 24014 NO.

REVISION DATE
1-4/4/2025-BASED
ON COMMENTS FROM
CITY PLANNING
2
3
4
5
6
NOTES:
1. ALL DIMENSIONS SHOWN ARE TO
F.O. STUD UNLESS OTHERWISE

F.O. STUD UNLESS OTHERWIS NOTED. 2. HOUSE DATUM: X.X' = 0'-0"

PROPOSED LANDSCAPE PLAN

SCALE: 1" = 10'

L1.1

DRAWN BY: JAD

(2) 6" PVC SEWER LINE DATE: _ INSPECTOR:_ BOSTON WATER & SEWER COMMISSION (3) DYE TEST (SEWER) Date: _ INSPECTOR: BOSTON WATER & SEWER COMMISSION Backwater Valve Installation SERVICE CONNECTIONS TO BOSTON FACILITIES MUST BE PERFORMED BY A BONDED DRAIN LAYER LICENSED BY THE BOSTON WATER AND SEWER RESERVED FOR BWSC USE ONLY APPROVED Design Section BOSTON REDEVELOPMENT AUTHORITY PROPOSED DRAIN LINE Design Review Seth Pisan Board of Appeal 04/13/2025 OVERHEAD ELECTRIC SERVICE Approved with attached provisos. STORMWATER MANAGEMENT CALCULATIONS SYSTEM (PAVEMENT) <u>Design Criteria:</u> Impervious Roof = 2,324.42 SF mpervious Pavement = 765.45 SF Storage Volume Required: $V_R = (1"/12) (3089.87 \text{ SF}) = 257.48 \text{ CF}$ CAPACITY OF PROPOSED STORM TECH SYSTEM Storage Capacity of single Storm Tech UNIT = 49 CF EXISTING D.M.H. RIM=177.68 Total Volume= (11'x 7.0 x 4.0'depth (2.5ft for Storm Tech unit) 3 UNITS) = 924 CF ~ LNV=168.93 EXISTING S.M.H. RIM=177.21 Storage Capacity for 3 UNITS = 147 CF INV=167.53 Storage Capacity in Crushed Stone = (Total Volume – Capacity of Units) x Void Ratio = (924-147) x 0.3 = 233.1 CF Total Storage Provided = Capacity in Crushed Stone + Total Capacity in Units = 233.1 CF + 147 CF = 380.1 CF Since Total Storage Provided (380.1 CF) > Total Storage Required (257.48 CF/D) Therefore, utilize 3-Storm-Tech Chamber with 1.0 ft. of Crushed Stone Beneath to GRAPHIC SCALE

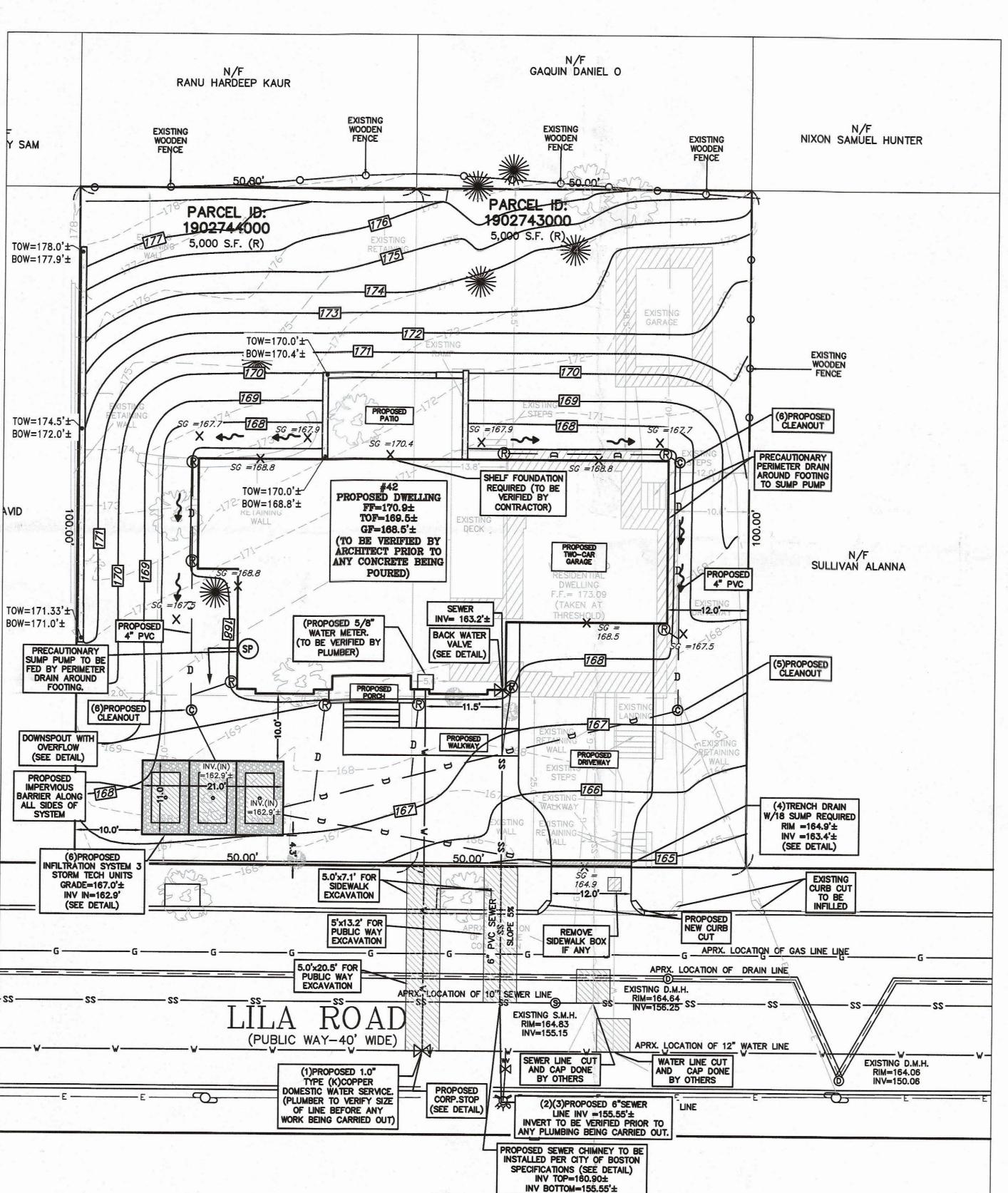
(IN FEET)

1 inch = 10 ft.

SMH STA 0+04.5'

(1) 1" WATER LINE (4) TRENCH DRAIN W/ 18" SUMP (7) AS BUILT PREPARATION FEE DATE: ___ INSPECTOR: (5) PROPOSED CLEANOUT (3) INSPECTOR: (6) INFILTRATION SYSTEM DATE: INSPECTOR:

LOCUS MAP



STÁ 2+62.4

2+59.4

STA 2+33.9

CONSTRUCTION NOTES

ENGINEERIN 1. THE CONTRACTOR SHALL REPORT TO THE OWNER AND ENGINEER OF ANY SIGNIFICANT VARIATIONS IN EXISTING SITE CONDITIONS FROM THOSE SHOWN ON THESE PLANS. ANY PROPOSED REVISIONS TO THE WORK, IF REQUIRED BY THESE SITE CONDITIONS, SHALL NOT BE UNDERTAKEN UNTIL REVIEWED AND APPROVED BY THE OWNER AND THE ENGINEER TO SEE

2. IN ORDER TO PROTECT THE PUBLIC SAFETY DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING AT ALL TIMES ALL NECESSARY SAFETY DEVICES AND PERSONNEL, WARNING LIGHTS, BARRICADES, AND POLICE OFFICERS.

3. ALL WORK SHALL CONFORM TO CITY OF BOSTON GENERAL CONSTRUCTION STANDARDS.

4. THE CONTRACTOR SHALL REGULARLY INSPECT THE PERIMETER OF THE PROPERTY TO CLEAN UP AND REMOVE LOOSE CONSTRUCTION DEBRIS BEFORE IT LEAVES THE SITE. ALL DEMOLITION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE SITE TO A LEGAL DUMP SITE. ALL TRUCKS LEAVING THE SITE SHALL BE COVERED.

5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTITUTE EROSION CONTROL MEASURES ON AN AS NECESSARY BASIS, SUCH THAT EXCESSIVE SOIL EROSION DOES NOT

6. THE LOCATION OF UNDERGROUND UTILITIES AS REPRESENTED ON THESE PLANS IS BASED UPON PLANS AND INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES OR MUNICIPAL DEPARTMENTS SUPPLEMENTED BY FIELD IDENTIFICATION WHEREVER POSSIBLE. NO WARRANTY IS MADE AS TO THE ACCURACY OF THESE LOCATIONS OR THAT ALL UNDERGROUND UTILITIES ARE SHOWN. THE CONTRACTOR SHALL CONTRACT DIG SAFE AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION. DIG SAFE TELEPHONE NUMBER IS 1-800-322-4844.

7. THE CONTRACTOR SHALL VERIFY THE LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO TAPPING INTO, CROSSING OR EXTENDING THEM. IF THE NEW WORK POSES A CONFLICT WITH EXISTING UTILITIES, THE ENGINEER SHALL BE NOTIFIED PRIOR TO THE CONTRACTOR CONTINUING.

8. NO LEDGE, BOULDERS, OR OTHER UNYIELDING MATERIALS ARE TO BE LEFT WITHIN 6" OF THE WATER IN THE TRENCH, NOR ARE THEY TO BE USED FOR BACKFILL FOR THE FIRST 12"

9. PAVEMENT AREA SHALL BE PAVED TO A THICKNESS AS SHOWN ON THE PLANS MEASURED AFTER COMPACTION, WITH A BINDER COURSE AND TOP COURSE OF CLASS I BITUMINOUS CONCRETE PAVEMENT, TYPE I-1.

10. BASE MATERIAL SHALL BE CLEAN BANK RUN GRAVEL, CONFORMING TO M.D.P.W. M1.03.1. WITH NO STONES LARGER THAN THREE (3) INCHES IN DIAMETER AND SHALL BE PLACED AND ROLLED WITH AT LEAST A TEN TON ROLLER. THE SURFACES SHALL BE WET DURING ROLLING TO BIND THE MATERIAL. ALL STONES OF 4" DIAMETER OR LARGER SHALL BE REMOVED FROM THE SUB-BASE PRIOR TO PLACING BASE MATERIAL.

11. ALL EXISTING PAVING TO BE DISTURBED SHALL BE CUT ALONG A STRAIGHT LINE THROUGH ITS ENTIRE THICKNESS. BUTT THE NEW PAVING INTO THE EXISTING PAVEMENT TO

12. ANY PAVEMENT REMOVED FOR UTILITY TRENCH EXCAVATION OR OTHERWISE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH A PAVEMENT SECTION CONSISTING OF 1 1/2" WEAR COURSE OVERLYING A 1/2" BINDER COURSE OVERLYING A 12" COMPACTED GRAVEL BASE COURSE.

13. THE CONTRACTOR SHALL APPLY FOR A STREET OPENING AND UTILITY CONNECTION PERMITS AND SIDEWALK CROSSING PERMIT WITH THE CITY OF BOSTON DPW.

14. A PREREQUISITE FOR FILING A GENERAL SERVICE APPLICATION WITH THE BOSTON WATER AND SEWER COMMISSION FOR NEW CONSTRUCTION IS THE ROUGH CONSTRUCTION SIGN-OFF DOCUMENT FROM THE CITY OF BOSTON'S INSPECTIONAL SERVICES DEPARTMENT.

15. THE OWNER IS RESPONSIBLE TO MAINTAIN THE DRAINAGE SYSTEM FOR PROPER OPERATION INCLUDING KEEPING THE DRAIN FREE FROM DEBRIS AND ICE BLOCKAGE.

NOTES:

1. INFORMATION SHOWN ON THIS PLAN IS THE RESULT OF A FIELD SURVEY PERFORMED BY PETER NOLAN & ASSOCIATES LLC AS OF 06/22/2023.

2. DEED REFERENCE: BOOK 68410 PAGE 114 PLAN REFERENCE 1: BOOK 4831 PAGE 423 SUFFOLK COUNTY DISTRICT REGISTRY OF DEEDS

3. THIS PLAN IS NOT INTENDED TO BE RECORDED.

4. I CERTIFY THAT THE DWELLING SHOWN IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE X, ON FLOOD HAZARD BOUNDARY MAP NUMBER 25025C0067G, IN COMMUNITY NUMBER: 250286, DATED 9/25/2009.

5. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT USES OF THE LAND; HOWEVER THIS NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.

6. FIRST FLOOR ELEVATIONS ARE TAKEN AT THRESHOLD.

7. NO RESPONSIBILITY IS TAKEN FOR ZONING TABLE AS PETER NOLAN & ASSOCIATES LLC ARE NOT ZONING EXPERTS. TABLE IS TAKEN FROM TABLE PROVIDED BY LOCAL ZONING ORDINANCE. CLIENT AND/OR ARCHITECT TO VERIFY THE ACCURACY OF ZONING ANALYSIS.

8. THE ELEVATIONS SHOWN ARE ON CITY OF BOSTON DATUM.

CONTRACTOR TO CONFIRM

LOCATION OF DOWN SPOUTS PRIOR TO CARRYING OUT

ANY DRAINAGE WORKS

SURFACE WATER TO BE DIVERTED FROM ALL SIDES OF FOUNDATION WALL

RESPONSIBLE FOR THE MAINTENANCE OF THE STORM WATER SYSTEM, TO BE INSPECTED A MINIMUM OF ONCE EVERY 3 MONTHS AND CLEANED A MINIMUM OF ONCE EVERY 6 MONTHS.

·····

PROPOSED SHELF FOUNDATION WHERE

NEEDED

BUILDING OWNER IS

9. ZONING DISTRICT: JAMAICA PLAIN NEIGHBORHOOD, ZONING SUBDISTRICT: 1F-9000.

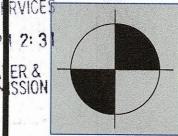
> 1ST FLOOR 0 BEDROOMS 2ND FLOOR 4 BEDROOMS * PER TITLE V, SEWER FLOW RESIDENTIAL 440 G.P.D, (4 BEDROOMS x 110 G.P.D.)

=440 G.P.D. (TOTAL SEWER FLOW)

UNIT SUMMARY

OWNERS INFORMATION:

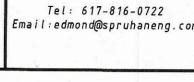
DOUGLAS AND AMY McCLENNEN 61 LILA ROAD, BOSTON MA 02130 DOUGLAS McCLENNEN 508-237-2316 PARCEL ID= 1902743000 PARCEL ID= 1902744000 ASSESSORS PLAN WARD: 19 LAND USE CODE: R1 (1 FAMILY) WATER ACCOUNT NUMBER: 1611288 COBUCS: 1733299290672 SITEPLAN: 23416



PETER NOLAN & ASSOCIATES, LLC SPRUHAN ENGINEERING, P. 0

LAND SURVEYORS/CIVIL ENGINEERING CONSULTANTS 80 JEWETT ST. (SUITE 1) NEWTON, MA 02458 Tel:857-891-7478

617-782-1533 Fax:617-2025691 80 JEWETT ST, (SUITE 1, NEWTON, MA 02458





42 LILA ROAD, JAMAICA PLAIN, **MASSACHUSETTS**

CIVIL PLAN

REVISION BLOCK

BY		DE:	SCRIPTI	ON	DATE
M.L	REVISED	PER	BWSC	COMMENTS	12/23/24
			×		
1, 5,		,			
		-			
	7				

limited to, copyright and design patent rights, in the designs, arrangements and plans shown on this document are the property of Peter Nolan & Associates, LLC, or Spruhan Engineering, P.C. They may not be used or reused in whole or in part, except in connection with this project, without the prior written consent of Spruhan Engineering, dimensions on these drawings shall have precedence over dimensions. Contractors shall verify and be responsible for all dimensions and conditions on this project, and Spruhan Engineering, P.C., must be notified of any variation from the dimensions and conditions shown by drawings.

All legal rights including, but not

DATE:	12/04/2024		
DRAWN BY:	M.L		
CHECKED BY:	E.S		
APPROVED BY:	E.S		

PLAN TO ACCOMPANY BWSC APPLICATION

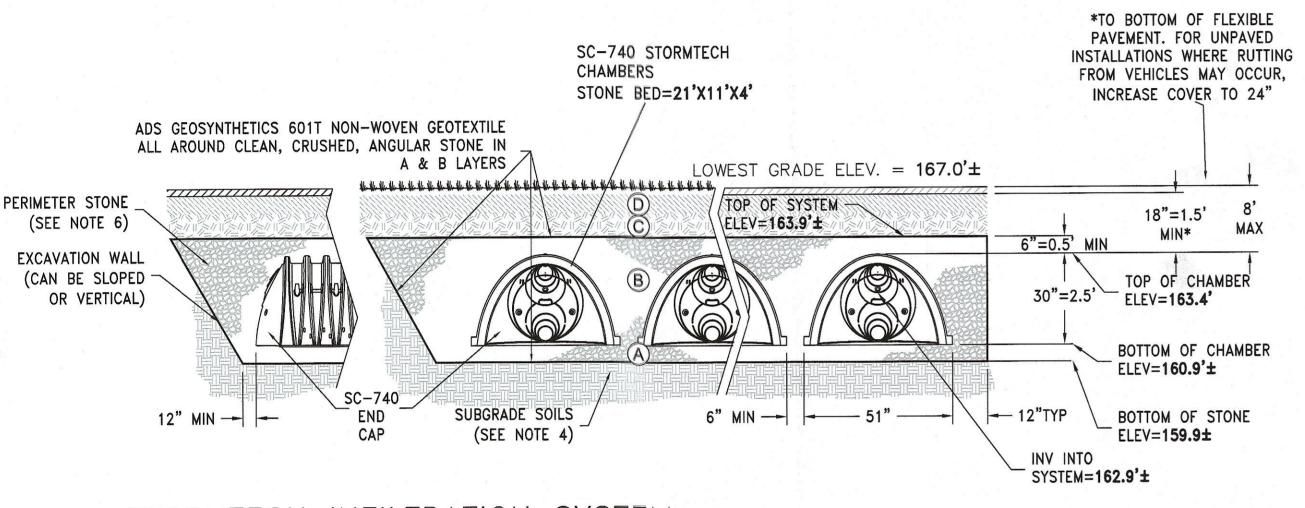
SHEET 1 OF 2

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	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
С	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	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAD 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).
В	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	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M431 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. 2 3

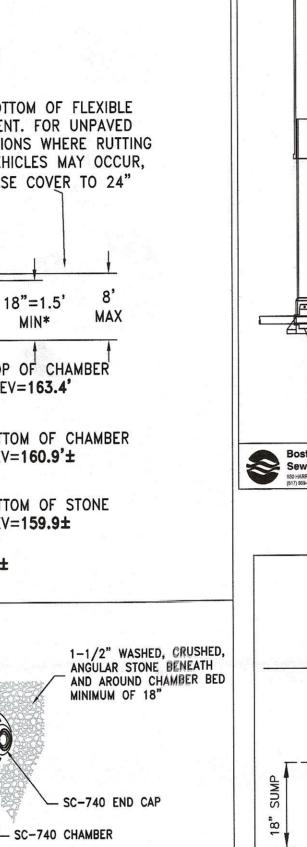
PLEASE NOTE:

- 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 COVERAGES 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.

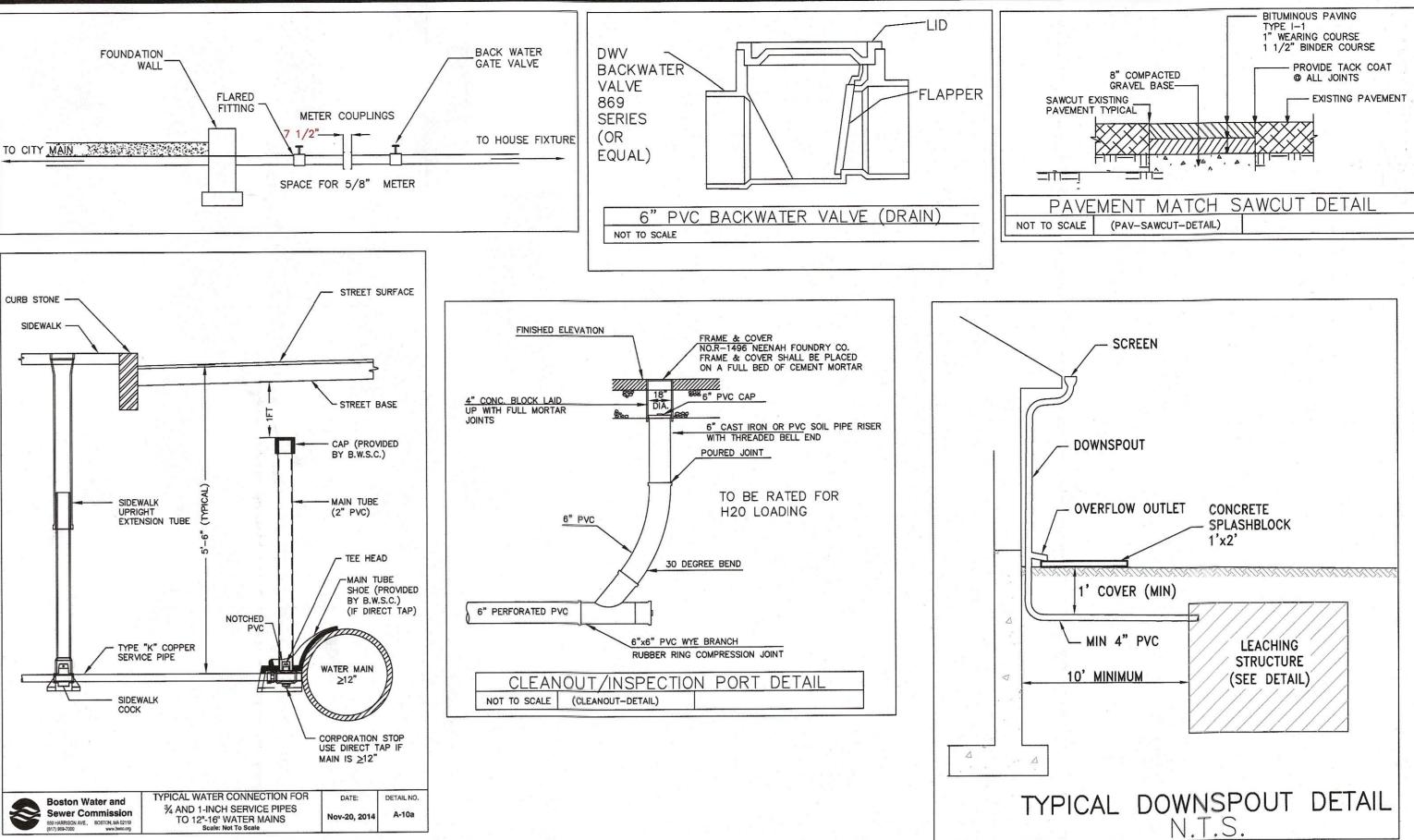


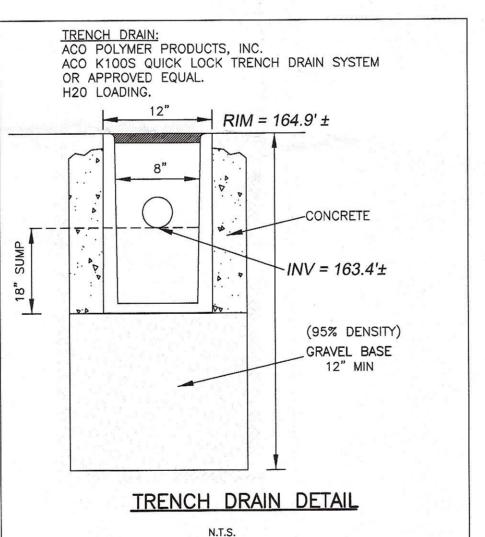
STORMTECH INFILTRATION SYSTEM

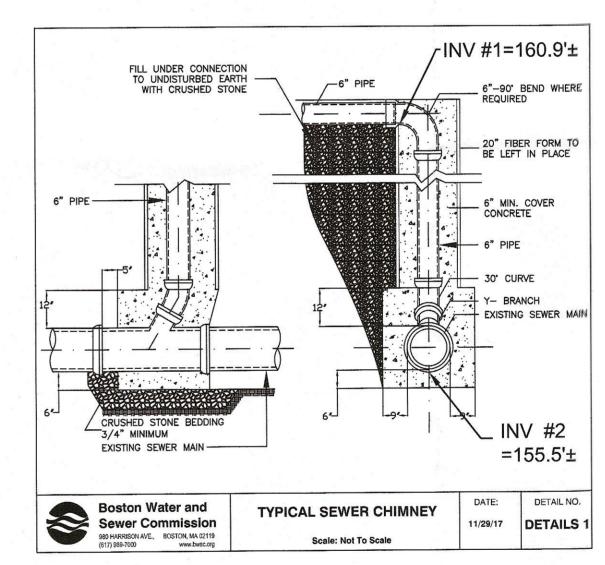
- SC-740 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION
- SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR
- FOUNDATION, EMBEDMENT, AND FILL MATERIALS. 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.
- 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.

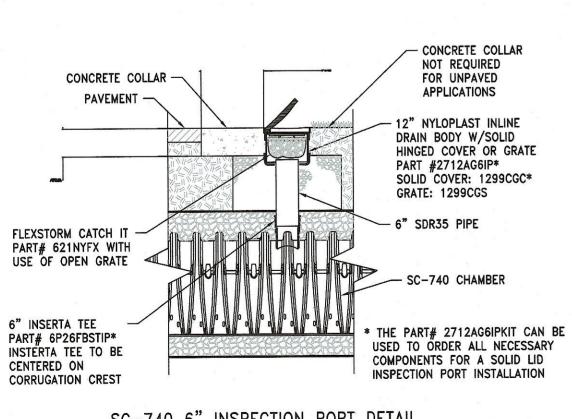


STORMTECH SC-740 CHAMBER SYSTEM PLAN VIEW DETAIL N.T.S.

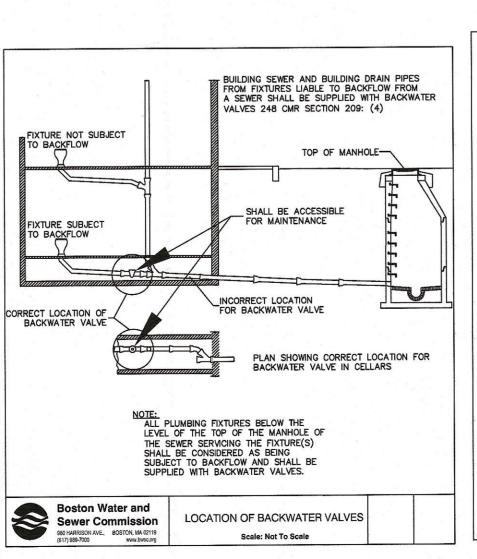






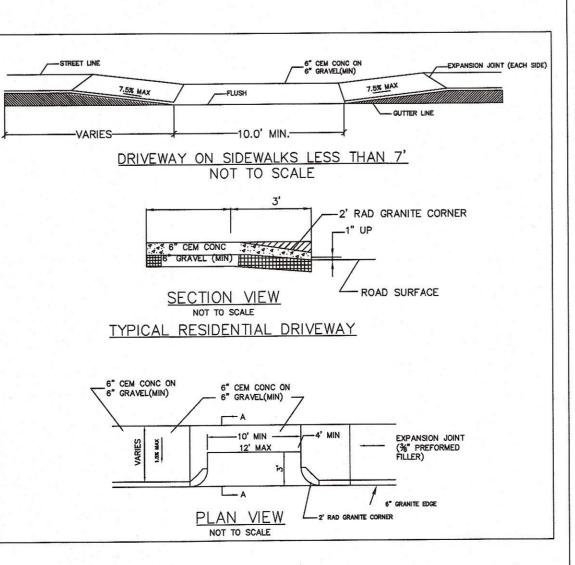


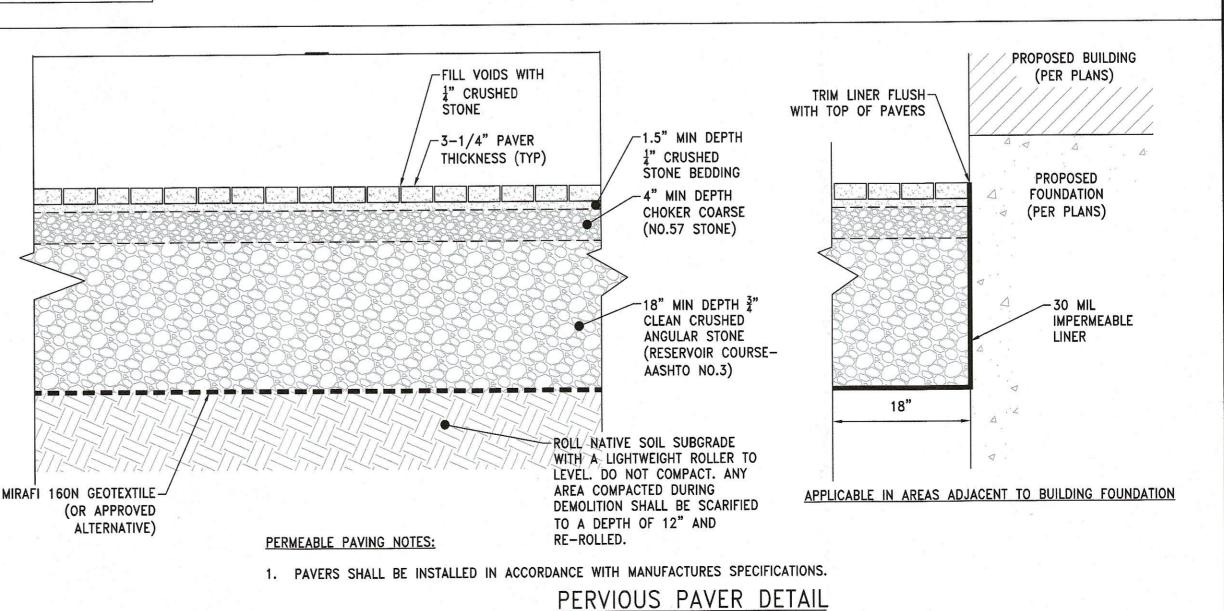
SC-740 6" INSPECTION PORT DETAIL N.T.S.



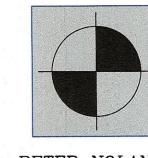
OBSERVATION PORT

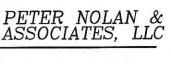
TO GRADE AND CAP



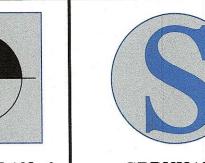


SCALE: NOT TO SCALE

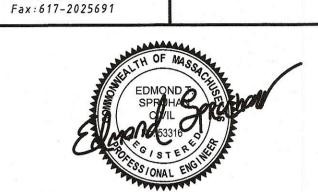




LAND SURVEYORS/CIVIL ENGINEERING CONSULTANTS 80 JEWETT ST, (SUITE 1) NEWTON, MA 02458 Tel:857-891-7478 617-782-1533



SPRUHAN ENGINEERING, P.C. 80 JEWETT ST, (SUITE 1) NEWTON, MA 02458 Tel: 617-816-0722



Email:edmond@spruhaneng.com

42 LILA ROAD, JAMAICA PLAIN, **MASSACHUSETTS**

CIVIL PLAN

REVISION BLOCK

BY		DES	SCRIPTI	ON	11	DATE
M.L	REVISED	PER	BWSC	COMMENT	S	12/23/24
-				· ·		
	7					
			-			
		-				
		-				

All legal rights including, but not limited to, copyright and design patent rights, in the designs, arrangements and plans shown on this document are the property of Peter Nolan & Associates, LLC, or Spruhan Engineering, P.C. They may not be used or reused in whole or in part, except in connection with this project, without the prior consent of Spruhan Engineering, dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify responsible for be dimensions and conditions on this project, and Spruhan Engineering. P.C., must be notified of any variation from the dimensions and conditions shown by drawings.

DATE:	12/04/2024		
DRAWN BY:	M.L		
CHECKED BY:	E.S		
APPROVED BY:	E.S		

DETAILS

SHEET 2 OF 2