

EXISTING ZONING SETBACKS: LOT 1

ZONE: SR  
 FRONT YARD: 28.5'  
 SIDE YARD: 26.5'  
 SIDE YARD: 8.0'  
 REAR YARD: 16.9'  
 LOT FRONTAGE: 70.00'  
 LOT AREA: 6,300 S.F.  
 BUILD LOT AREA: 16.25

EXISTING ZONING SETBACKS: LOT 2

ZONE: SR  
 FRONT YARD: N/A  
 SIDE YARD: N/A  
 SIDE YARD: N/A  
 REAR YARD: N/A  
 LOT 2 FRONTAGE: 23.55'  
 LOT 2 AREA: 6,580 S.F.  
 BUILD LOT AREA: 15.56

PROPOSED ZONING SETBACKS: COMBINED LOTS

ZONE: SR  
 FRONT YARD: 28.5'  
 SIDE YARD: 108.0'  
 SIDE YARD: 8.0'  
 REAR YARD: 16.9'  
 LOT FRONTAGE: 93.55'  
 LOT AREA: 12,880 S.F.  
 BUILD LOT AREA: 31.8

RECORD OWNER LOT 1 & LOT 2:

BONICA, GAIL A  
 DEED BOOK 63706 PAGE 29  
 PLAN-LC-19892A

NOTES:

-LOT 1 AND LOT 2 TO BE COMBINED

ABBREVIATIONS

BK BACK  
 C. CONCRETE  
 EX. EXISTING  
 L. LANDING  
 BR. BRICK

LEGEND

PROPERTY LINE ———  
 FENCE —○—○—○—  
 TO BE REMOVED - - - - -

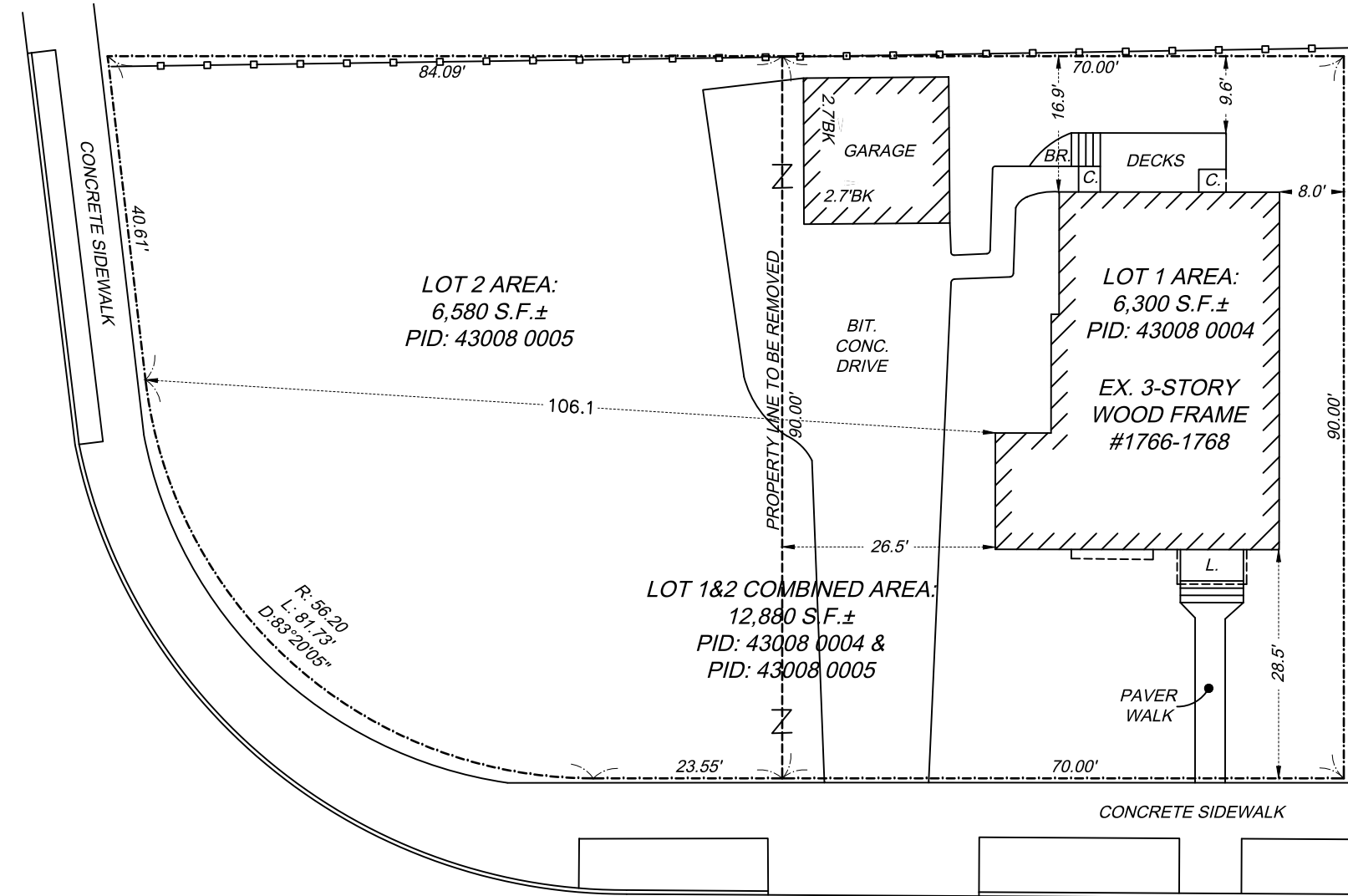
I HEREBY CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL INSTRUMENT SURVEY MADE ON THE GROUND IN DECEMBER 2021 AND THE STRUCTURES DEPICTED HEREON ARE LOCATED AS SHOWN

N/F  
 GOULDTHORPE, YOLANDA & ROBERT  
 #1707 WASHINGTON  
 PID: 43008 0006

N/F  
 CHUNG, SAMUEL & KATHLEEN  
 #9 BONMAR  
 PID: 43008 0007

N/F  
 LAVEY TRACEY M TR  
 #15 BONMAR  
 PID: 43008 0008

WASHINGTON (PUBLIC - 80' WIDE) STREET



N/F  
 PATRICIA SHAW & RACHEL WOO  
 #1774 COMMONWEALTH  
 PID: 43008 0003

COMMONWEALTH (PUBLIC - 80' WIDE) AVENUE

THE APPROVAL OF THIS PLAN UNDER THE SUBDIVISION CONTROL LAW NOT REQUIRED

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

CLERK - NEWTON PLANNING BOARD ACTING AS A BOARD OF SURVEY

THE ABOVE ENDORSEMENT IS NOT A DETERMINATION AS TO CONFORMANCE TO ZONING REGULATIONS

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

SCOTT M. CERRATO  
 Professional Land Surveyor

24 Pleasant View Drive • Exeter, NH 03833 • 781-775-3724

PLAN OF WAY, COMMONWEALTH AVENUE  
 APPROVAL NOT REQUIRED PLAN  
 1766-1768 COMMONWEALTH AVENUE  
 NEWTON, MASSACHUSETTS

PID: 43008 0004  
 PID: 43008 0005 &

MARCH 31, 2021

EXISTING ZONING SETBACKS: ZONE SR

FRONT YARD: 28.5'  
 SIDE YARD: 106.1'  
 SIDE YARD: 8.0'  
 REAR YARD: 16.9'  
 LOT FRONTAGE: 93.55'

RECORD OWNER LOT 1 & LOT 2:

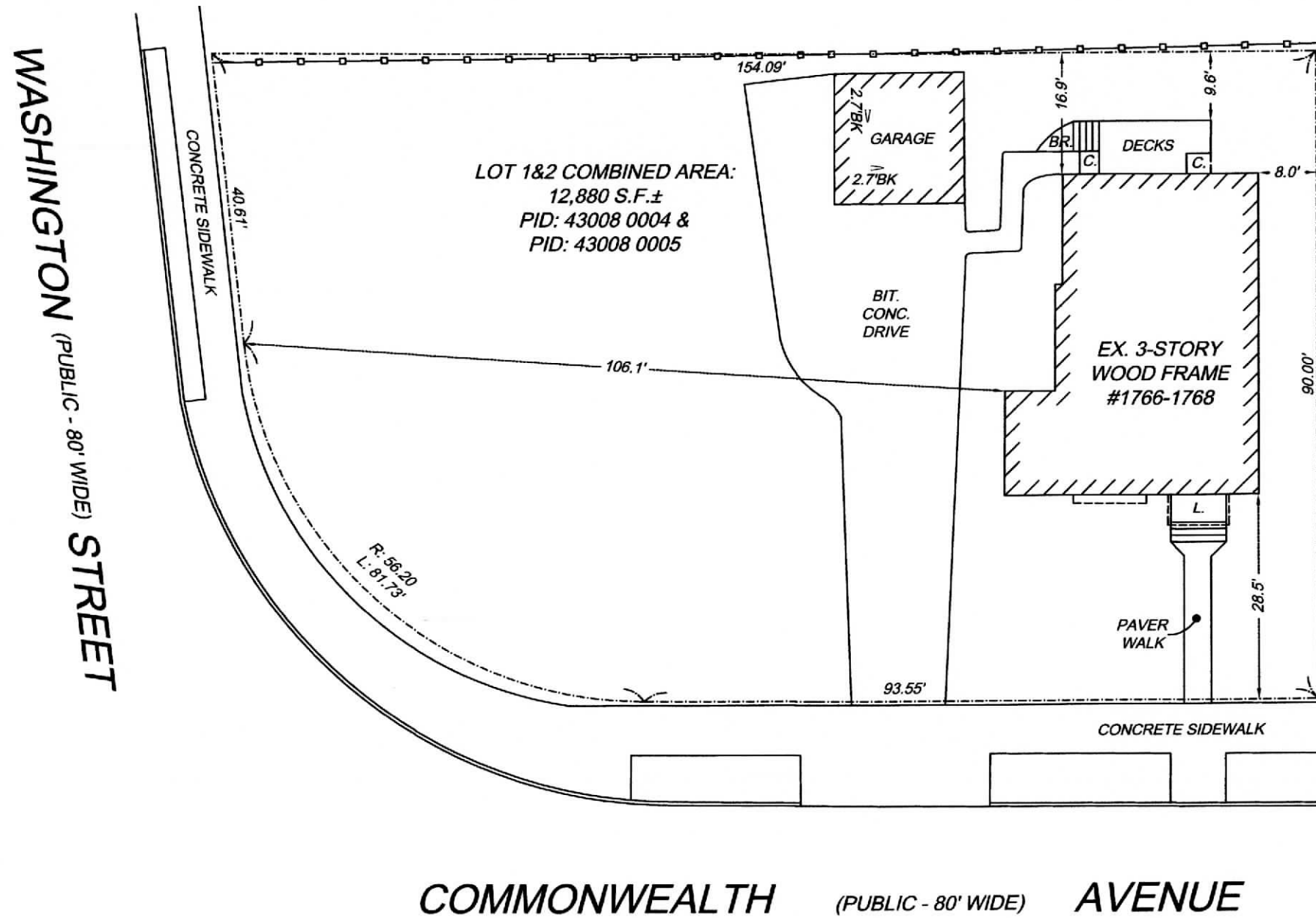
BONICA, GAIL A  
 BOOK 63706 PAGE 29

N/F  
 GOULDTHORPE, YOLANDA & ROBERT  
 #1707 WASHINGTON  
 PID: 43008 0006

N/F  
 CHUNG, SAMUEL & KATHLEEN  
 #9 BONMAR  
 PID: 43008 0007

N/F  
 LAVEY TRACEY M TR  
 #15 BONMAR  
 PID: 43008 0008

N/F  
 PATRICIA SHAW & RACHEL WOO  
 #1774 COMMONWEALTH  
 PID: 43008 0003



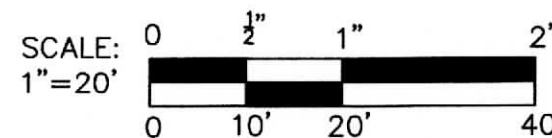
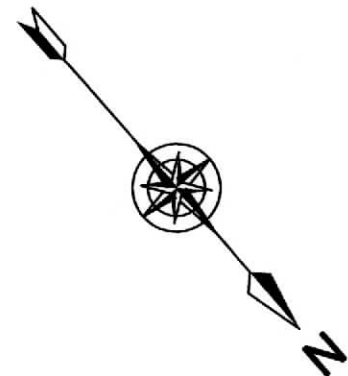
ABBREVIATIONS

BK BACK  
 C. CONCRETE  
 EX. EXISTING  
 L. LANDING  
 BR. BRICK

LEGEND

PROPERTY LINE  
 FENCE

I HEREBY CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL INSTRUMENT SURVEY MADE ON THE GROUND IN DECEMBER 2021 AND THE STRUCTURES DEPICTED HEREON ARE LOCATED AS SHOWN



ARCHITECTURE & CIVIL



ARCHITECTURE  
 CIVIL  
 ENVIRONMENTAL  
 LANDSCAPE  
 LAND SURVEYING

31 MUNROE STREET  
 LYNN, MASSACHUSETTS 01901  
 TEL. 239.332.1505

EXISTING PLOT PLAN

1766-1768 COMMONWEALTH AVE  
 NEWTON, MASSACHUSETTS  
 PARCEL ID: 43008-004

DRAWN BY:  
 D.B.

CHECKED BY:  
 S.M.C.

SCALE:  
 1" = 20'

DATE:  
 06/13/2022

DRAWING NO.:



6-17-22

1 / 1

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_



**EXISTING ZONING SETBACKS: ZONE SR**

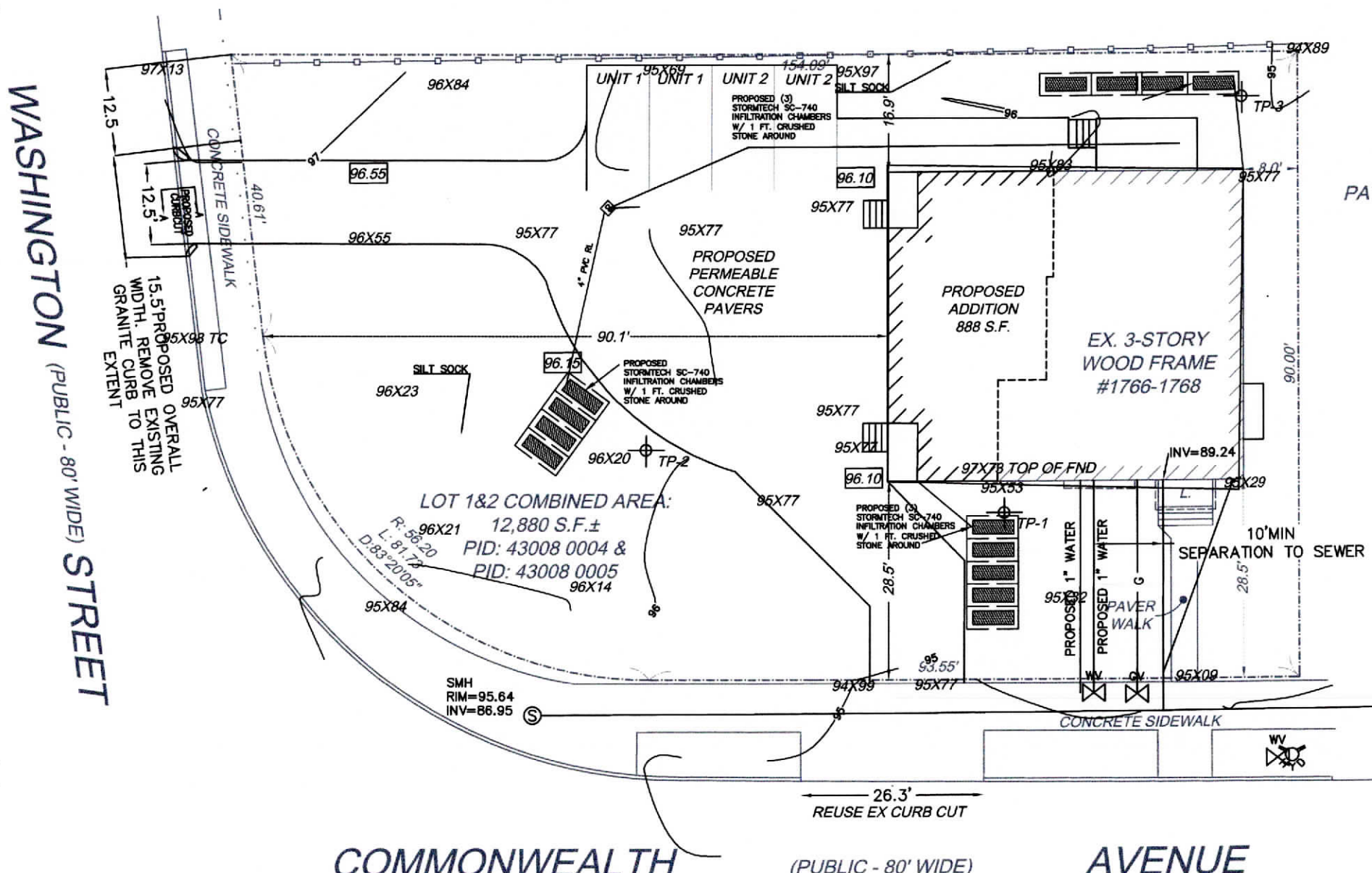
FRONT YARD: 28.5'  
 SIDE YARD: 106.1'  
 SIDE YARD: 8.0'  
 REAR YARD: 16.9'  
 LOT FRONTAGE: 93.55'

**PROPOSED ZONING SETBACKS: ZONE SR**

FRONT YARD: 28.5'  
 SIDE YARD: 90.1'  
 SIDE YARD: 8.0'  
 REAR YARD: 16.9'  
 LOT FRONTAGE: 93.55'

**RECORD OWNER:**

BONICA, GAIL A  
 BOOK 63706 PAGE 29



N/F  
 PATRICIA SHAW & RACHEL WOO  
 #1774 COMMONWEALTH  
 PID: 43008 0003

ARCHITECTURE & CIVIL



ARCHITECTURE  
 CIVIL  
 ENVIRONMENTAL  
 LANDSCAPE  
 LAND SURVEYING

31 MUNROE STREET  
 LYNN, MASSACHUSETTS 01901  
 TEL. 239.332.1505

**PROPOSED PLOT PLAN**

1766-1768 COMMONWEALTH AVE  
 NEWTON, MASSACHUSETTS  
 PARCEL ID: 43008-004

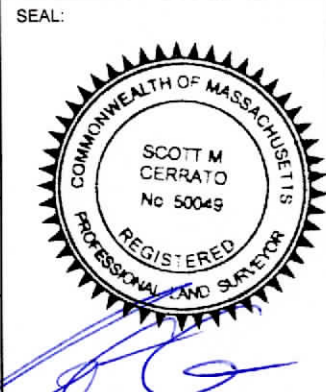
DRAWN BY:  
 D.B.

CHECKED BY:  
 S.M.C.

SCALE:  
 1" = 20'

DATE:  
 06/13/2022

DRAWING NO.:



6-13-22

1 / 1

**ABBREVIATIONS**

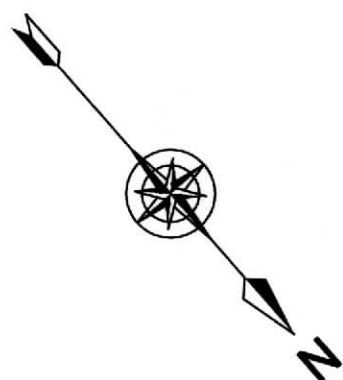
BK BACK  
 C. CONCRETE  
 EX. EXISTING  
 L. LANDING  
 BR. BRICK

**LEGEND**

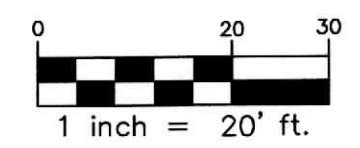
PROPERTY LINE  
 FENCE

I HEREBY CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL INSTRUMENT SURVEY MADE ON THE GROUND IN DECEMBER 2021 AND THE STRUCTURES DEPICTED HEREON ARE LOCATED AS SHOWN

COMMONWEALTH AVENUE (PUBLIC - 80' WIDE)



**GRAPHIC SCALE**



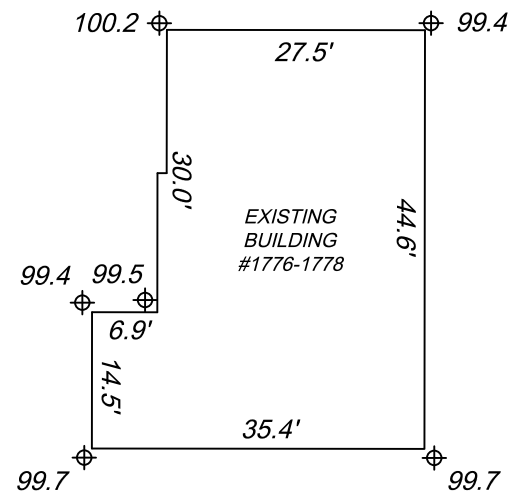
DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

EXISTING ZONING SETBACKS: ZONE SR

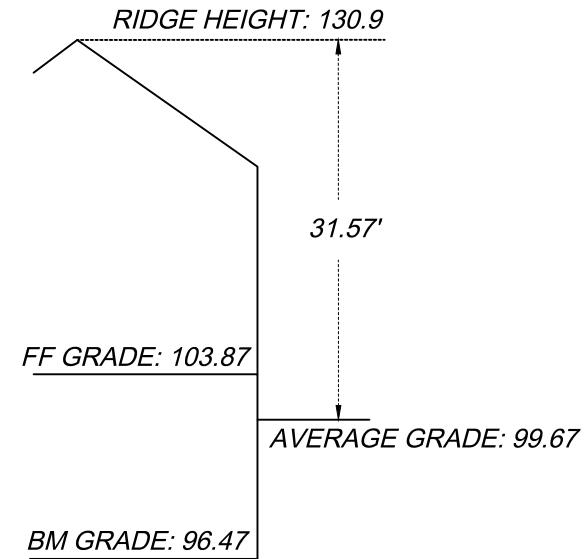
AVERAGE GRADE: 99.67  
BUILDING RIDGE HEIGHT: 130.9  
FIRST FLOOR: 103.87  
BASEMENT FLOOR: 96.47'

PROPOSED ZONING SETBACKS: ZONE SR

AVERAGE GRADE: 99.7  
BUILDING RIDGE HEIGHT: 134.03  
FIRST FLOOR: 102.95  
BASEMENT FLOOR: 94.55

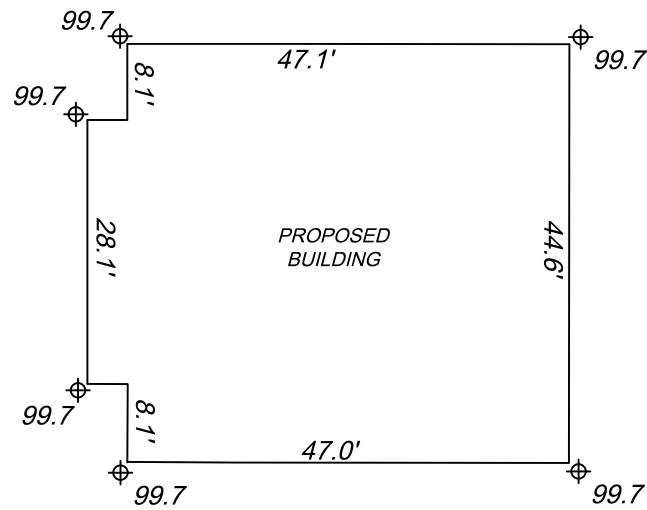


NOT TO SCALE

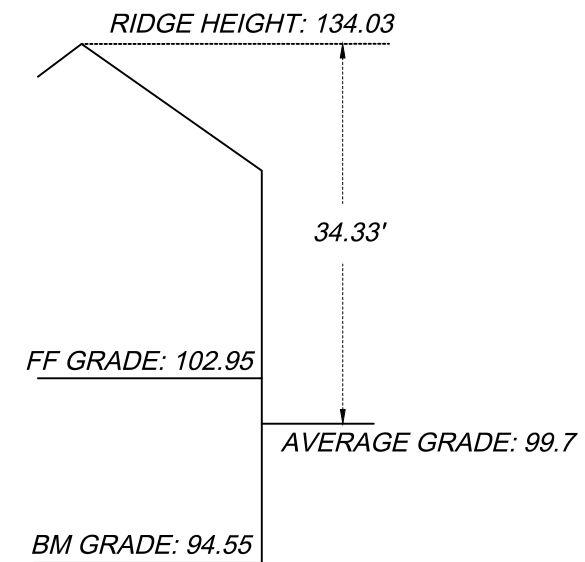


NOT TO SCALE

EXISTING GRADE CALCULATIONS  
NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

PROPOSED GRADE CALCULATIONS  
NOT TO SCALE

SCOTT M. CERRATO  
Professional Land Surveyor

24 Pleasant View Drive • Exeter, NH 03833 • 781-775-3724

GRADE & HEIGHT CALCULATIONS  
1766-1768 COMMONWEALTH AVENUE  
NEWTON, MASSACHUSETTS  
PID: 43008 0004  
PID: 43008 0005 &

APRIL 27, 2022

ZONING INFORMATION (SR2)			
	EXISTING	REQUIRED	PROPOSED
LOT SIZE	6,300 SF + 6,580 SF	15,000 SF MIN.	12,880 SF
FAR (FLOOR AREA RATIO) 0.38 MAX	LOT 6,300 SF (BUILDING= 3,070 SF = .49 FAR)	COMBINED LOTS 12,880 SF= 4,894 SF (.38 FAR (ALLOWABLE))	5,552 SF (.43 FAR)

- - - SETBACKS
- - - PROPERTY LINE

Graphic Scale: 1/8 inch = 1 feet

Project North

SURVEY INFORMATION BASED OF SURVEY PREPARED BY NATIVETEC PARCEL ID# MO-02-000192

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1766-1768  
COMMONWEALTH AVE  
1766-1768  
COMMONWEALTH AVENUE, NEWTON, MA  
NEW COLOR PROPERTIES 005 LLC.

ARCHITECT:

**Flow Design Inc.**

ARCHITECTURE ■ SALEM, MA 01970  
RESIDENTIAL DESIGN 50 GROVE ST. SUITE 226 SALEM, MA 01970  
PLANNING SALEM, MA 01970  
INTERIOR DESIGN TEL: 978.498.4370  
CEL: 978.818.5109  
CEL: 774.317.0491

CONSULTANT:

CONSULTANT:

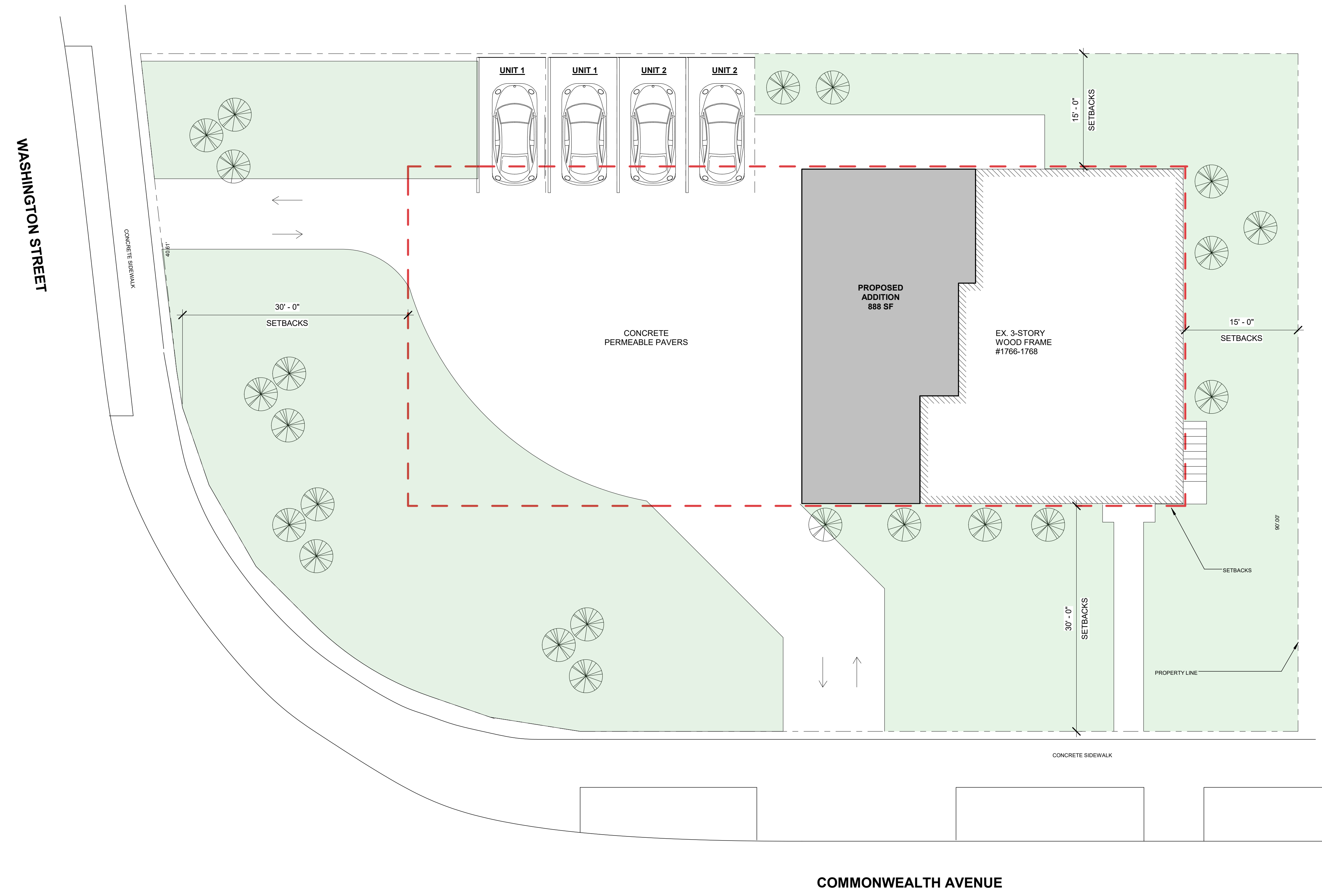
REVISION:		
NO.	DATE	DESCRIPTION
1	05.20.2022	PERMIT SET

DRAWING TITLE:  
**PROPOSED SITE PLAN**

DRAWN BY: MS	SEAL:
CHECKED BY: MS	
SCALE: 1/8" = 1'-0"	
DATE: 05.20.2022	
PROJECT NO.: 21424	

DRAWING NO.:  
**A-100**

PROJECT LOCATION:  
Y:\flow\Projects\Architecture\2022\21424 1766-1768 COMMONWEALTH AVE, NEWTON, MA - ADDITIONAL\_Rev0\21424 1766-1768 COMMONWEALTH AVE\_PERMIT SET\_2022-05-20.rvt



1 PROPOSED SITE PLAN  
1/8" = 1'-0"





Environmental Science | Landscape Architecture | Architecture | Engineering | Urban Design | Survey  
31 Munroe Street  
Lynn, MA 01901

WEB | nativetec.com TEL | 617-437-6461 FAX | 239-236-0444

**Aguimar and Joe DeSouza**

**191 Broadway**

**Somerville, MA 02145**

**# 1209 Lock Box Code**

**Re: Proposed Addition at 1766-1768 Commonwealth Ave. Newton, MA**

To Whom it may concern,

The proposed project consists of the addition of a two family-residence, both attached to an existing family-residence located at 1766-1768 Commonwealth Ave Newton, MA. The project includes the addition of associated infrastructure and utilities consisting of utility services, driveway, and the addition of stormwater storage chambers.

Please see the attached plans and supporting documents assembled in a combined bound pdf. The time of concentration for proposed is about 6 minutes vs about 30 seconds for existing . We are figuring the tome to get to the Catch basin in the driveway whereas there is no catch basin in the existing situation only lawn area which perco9lates about as fast per inch as the tome to get there . There is only about a 1.04-.91 or .13 cfs increase in the runoff. Holding a total of the peak 2 hr. period entails holding 936 CF. We are showing 12 chambers each holding 140 CF . This states only 6.6 chambers are required to hold the increase in runoff. We are retaining 1260 CF which is greater. This does not account for the infiltration which enable the infiltrators to accommodate the existing runoff as well.

Supplemental TR 55 output data has been provided to show that the 100 yr. 24 hr. storm for, residential addition, and new pervious paved parking and driveway will be maintained in the revised proposed infiltration system. Please see the notes on the supplemental hydrology report. The details, plans, and notes have been revised to show the relocation of the stormwater pipe and catch basin with hood. The existing water service to each unit existing water service will require replacement if it is not 1-inch copper based on field verification by the contractor.

If you have any questions or require additional information, please do not hesitate to contact us.

Very truly yours,

The logo for NATIVEtec, featuring a stylized yellow and black icon to the left of the company name in a bold, sans-serif font.

A handwritten signature in black ink, appearing to read "Robert E. Marini".

Robert E. Marini, PE, LA, and Wetland Scientist  
Principal

Rob Marini            1766 Com Ave Newton  
                          EXISTING  
                          Middlesex County, Massachusetts

Hydrograph Peak/Peak Time Table

Sub-Area or Reach Identifier	Peak Flow and Peak Time (hr) by Rainfall Return Period 100-Yr (cfs) (hr)
------------------------------------	---

---

SUBAREAS

roof	0.46 12.12
------	---------------

Bit Pvt	0.25 12.12
---------	---------------

Grass	0.21 12.15
-------	---------------

REACHES

OUTLET	0.91
--------	------

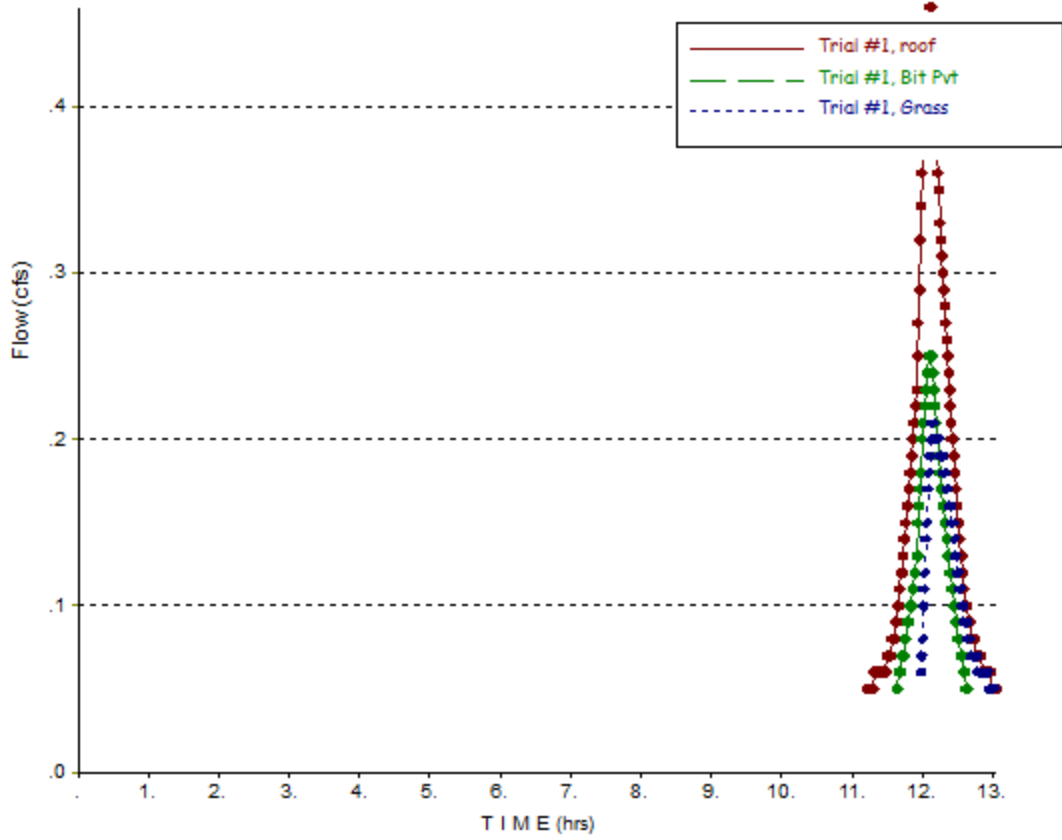
WinTR-55 Output Hydrograph

Project: 1766 Com Ave Newton

6/13/2022

Subareas: (roof, Bit Pvt, Grass) Storm: 100-Yr

C:\Users\USER\Dropbox (NativeTEC)\New England\1766-1768 Com Ave Newton\Existing 1766 Com Ave.w55





Rob Marini

1766 Com Ave Newton  
Proposed  
Middlesex County, Massachusetts

Hydrograph Peak/Peak Time Table

Sub-Area            Peak Flow and Peak Time (hr) by Rainfall Return Period  
or Reach            100-Yr  
Identifier            (cfs)  
                          (hr)

-----  
SUBAREAS

Pr roof            0.34  
                          12.12

Perv Pvt            0.55  
                          12.12

Grass              0.17  
                          12.15

REACHES

OUTLET            1.04

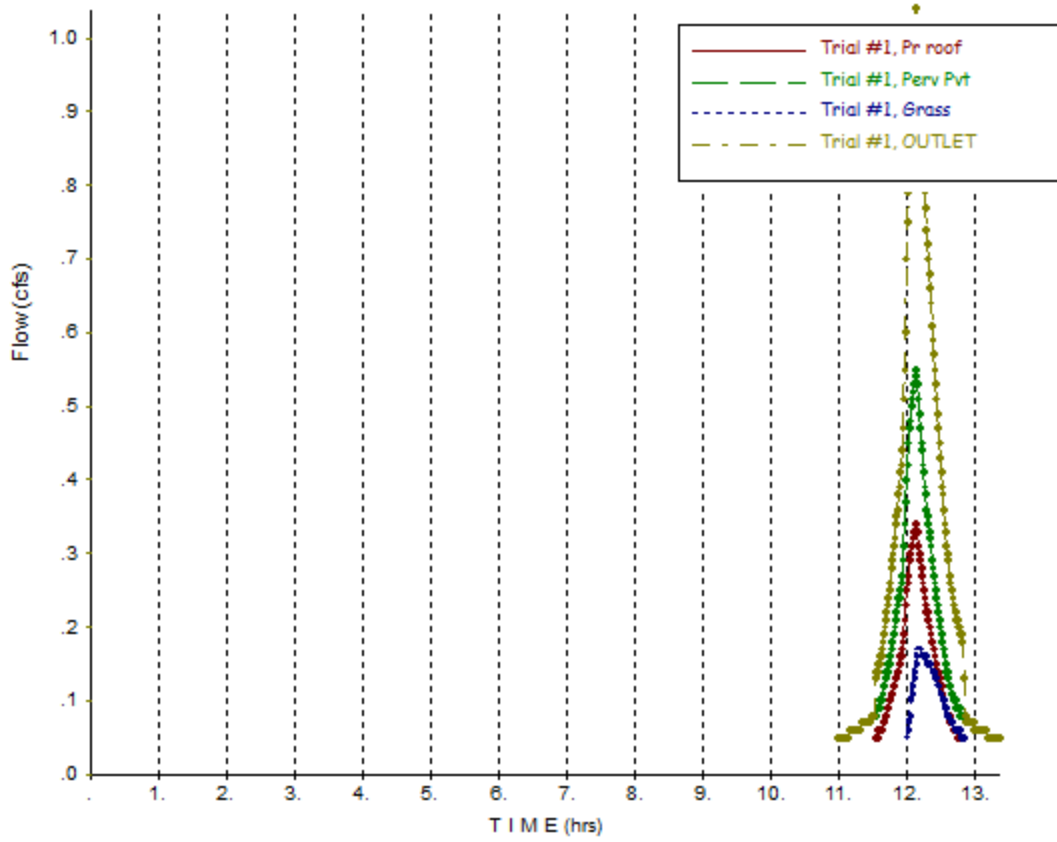
WinTR-55 Output Hydrograph

Project: 1766 Com Ave Newton

6/13/2022

Subareas: (Pr roof, Perv Pvt, Grass, Outlet) Storm: 100-Yr

C:\Users\USER\Dropbox (NativeTEC)\New England\1766-1768 Com Ave Newton\Existing 1766 Com Ave.w55



## 1766 Com. Ave PIPE SIZING

### Mass Uniform State Plumbing Code Method

Number	Fixture	Fixture value, hot	Fixture value, cold	Total fixture units
4	Bathtub	8	8	
8	Toilet (Tank type)	-	8	
10	Hand Wash sinks	10	10	
2	Shower head	4	4	
2	Dishwasher	4	-	
2	Kitchen sink	4	4	
2	Washer / Dryer	4	4	
<b>Total</b>		<b>34</b>	<b>38</b>	<b>72</b>

248 CMR 10.14(4): Table 2 indicates a Demand Factor of 0.35 for a Multi Residential dwelling.  
 (Domestic Water Line Only)

Capacity value =  $72 \times 0.35 = 25.2$

A capacity value of 25.2 is between 16.6 and 28 in 248 CMR 10.14(4): Table 3, and the related pipe size is equal to a 1 1/4" diameter pipe for a combined water service. Each unit by itself has a capacity value of 12.6 which falls between 9.1 and 16.5 capacity values, so 2 separate water service pipes can be 1' minimum diameter type K Copper

#### UNIT 1

- Bathtub: 2
- Shower head: 1
- Toilet (tank type): 4
- Hand Wash Sink: 5
- Dishwasher: 1
- Kitchen sink: 1
- Washer/Dryer: 1

#### UNIT 2

- Bathtub: 2
- Shower head: 1
- Toilet (tank type): 4
- Hand Wash Sink: 5
- Dishwasher: 1
- Kitchen sink: 1
- Washer/Dryer: 1

**TABLE 2**

OCCUPANCY USE	DEMAND FACTORS
<b>RESIDENTIAL</b>	
One or Two Family Dwelling	0.50
Multi-residential	0.35
Hotel	0.70
<b>SCHOOL</b>	
General	0.75
Shower Room	1.00
<b>INSTITUTIONAL</b>	
General	0.45
<b>ASSEMBLY</b>	
General	0.25
Restaurant, Café	0.70
Club House	0.60
<b>BUSINESS AND MERCANTILE</b>	
General	0.25
Laundry	1.00
<b>INDUSTRIAL</b>	
General, Exclusive of Process Piping	0.90



**TABLE 3: CAPACITY VALUES FOR SERVICE, MAINS, RISERS AND/OR BRANCHES**


Nominal Pipe or Tubing Sizes (inches)	Capacity Value		
d	1		
½	1.1	to	4
¾	4.1	to	9
1	9.1	to	16.5
1¼	16.6	to	28
1½	28.1	to	55
2	55.1	to	107.5
2½	107.6	to	182.5
3	182.6	to	287.5
3½	287.6	to	425
4	425.1	to	700
5	700.1	to	1100
6	1100.1	to	1300

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OWNER  
**AGUIMAR & JOSEPH DESOUZA**  
 191 BROADWAY  
 SOMERVILLE, MA 02145

ARCHITECTURE & CIVIL  
**NATIVEtec**  
 ARCHITECTURE ■ 31 Munroe Street  
 CIVIL Lynn, Massachusetts 01901  
 ENVIRONMENTAL TEL: 617.437.6461  
 LANDSCAPE ARCHITECTURE  
 LAND SURVEYING

PROJECT  
 1766 - 1768  
**COMMONWEALTH AVENUE**  
 NEWTON, MA 02466

SEAL:  


This item has been electronically signed and sealed by EDR on the date adjacent to the seal using a SHA authentication code.  
 Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

NO.	DATE	DESCRIPTION
REV. NO. 1	DATE 1	DESCRIPTION 1
REV. NO. 2	DATE 2	DESCRIPTION 2
REV. NO. 3	DATE 3	DESCRIPTION 3
REV. NO. 4	DATE 4	DESCRIPTION 4
REV. NO. 5	DATE 5	DESCRIPTION 5

DRAWING TITLE:  
**SITE PLAN FOR UTILITIES AND DRAINAGE**

DRAWN BY:  
 DRAWN\_BY

CHECKED BY:  
 CHK'D\_BY

SCALE:  
 AS\_NOTED

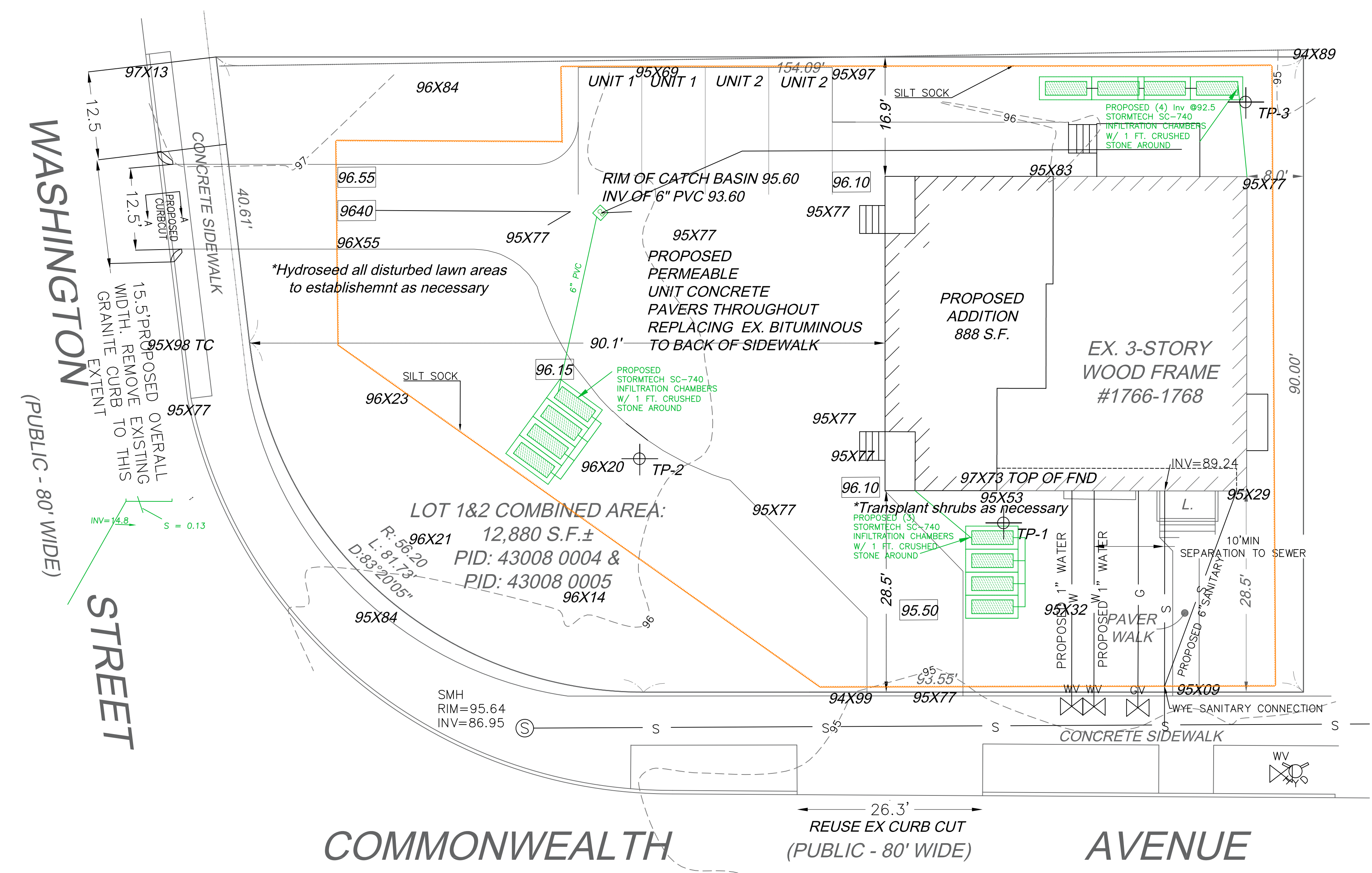
DATE:  
 ISSUE\_DATE

PROJECT NO.:

DRAWING NO.:

**1\_OF\_2**

PROJECT LOCATION:  
 Date: 1/15/2023 - C:\Users\JDSR\Desktop\NativeTec\New England\1766-1768 Com Ave Newton\1766-1768 Commonwealth  
 JDSR\_1766-1768.dwg



- LEGEND**
- BC BUILDING CORNER
  - BLDG EDGE OF BUILDING
  - GS GROUND SHOT
  - CLF CHAIN LINK FENCE
  - CB CATCH BASIN
  - SMH SEWER MANHOLE
  - DMH DRAIN MANHOLE
  - HYD FIRE HYDRANT
  - LC LOT CORNER
  - EHH ELEC HANDHOLE
  - WG WATER GATE
  - GG GAS GATE
  - DS PROPOSED DOWNSPOUT
  - ES EXISTING DOWNSPOUT
  - PF PROPOSED FINISHED GRADE
  - RL PROPOSED ROOF LEADERS
  - BSW BACK EDGE OF SIDEWALK

**DRAINAGE CALCULATIONS**

ROOF AREA = 1590 SF  
 DRIVEWAY AREA = 3820 SF

INFILTRATE (STORE) 1" OF RUNOFF  
 1/12 (1590 + 3820 SF) = 451 CF

USE STORMTECH SC-740 LEACH CHAMBER - SEE DETAIL  
 45.9 CU. FT. WITH 1 FT. CRUSHED STONE AROUND

VOLUME COMPUTATION EXTERIOR CRUSHED STONE  
 27.77 FT X 6.25 FT X 7.25 FT = 1258.33 CU FT/3 CHAMBERS=419.44 CF  
 419.4 CU FT - 45.9 CU FT (CHAMBER VOLUME) = 373.5 CU FT  
 373.5 CU FT X 0.3 (VOIDS) = 112.07 CU FT VOLUME VOIDS STORAGE  
 45.9 CU FT CHAMBER VOLUME + 112.07 CU FT VOIDS = 157.9 CU FT  
 157.9 x 3 CHAMBERS = 473.91 CU FT TOTAL STORAGE > 451 CF

473.91 CU FT > 451 CU FT RUNOFF CALCULATION

**EXISTING ZONING SETBACKS: ZONE SR**

FRONT YARD: 28.5'  
 SIDE YARD: 106.1'  
 SIDE YARD: 8.0'  
 REAR YARD: 16.9'  
 LOT FRONTAGE: 93.55'

**PROPOSED ZONING SETBACKS: ZONE SR**

FRONT YARD: 28.5'  
 SIDE YARD: 90.1'  
 SIDE YARD: 8.0'  
 REAR YARD: 16.9'  
 LOT FRONTAGE: 93.55'

**RECORD OWNER:**

BONICA, GAIL A  
 BOOK 63706 PAGE 29

<b>ZONING INFORMATION (SR2)</b>			
	EXISTING	REQUIRED	PROPOSED
LOT SIZE	6,300 SF + 6,580 SF	15,000 SF MIN.	12,880 SF
FAR (FLOOR AREA RATIO) 0.38 MAX	LOT 6,300 SF (BUILDING= 3,070 SF = .49 FAR)	COMBINED LOTS 12,880 SF= 4,894 SF (.38 FAR (ALLOWABLE))	5,552 SF (.43 FAR)

TP-1

O LAYER 10"-0" 10 YR 4 / 1
A LAYER 0-10" 10 YR 5 / 2 FILL
B LAYER 10-18" 10 YR 1/2 FILL
C LAYER 18-54+" 10 YR 6 / 4

SANDY SILT THROUGHOUT  
 W BOULDERS  
 IN THE C LAYER

PERC: 1 MIN 53 SEC / INCH

TP-2

O LAYER 10"-0" 10 YR 5 / 1
A LAYER 0-14" 10 YR 6 / 2 FILL
B LAYER 14-30" 10 YR 6 / 3
C LAYER 30-54 +" 10 YR 6 / 4

SANDY SILT THROUGHOUT

PERC: 6 MIN 3 SEC / INCH

TP-3

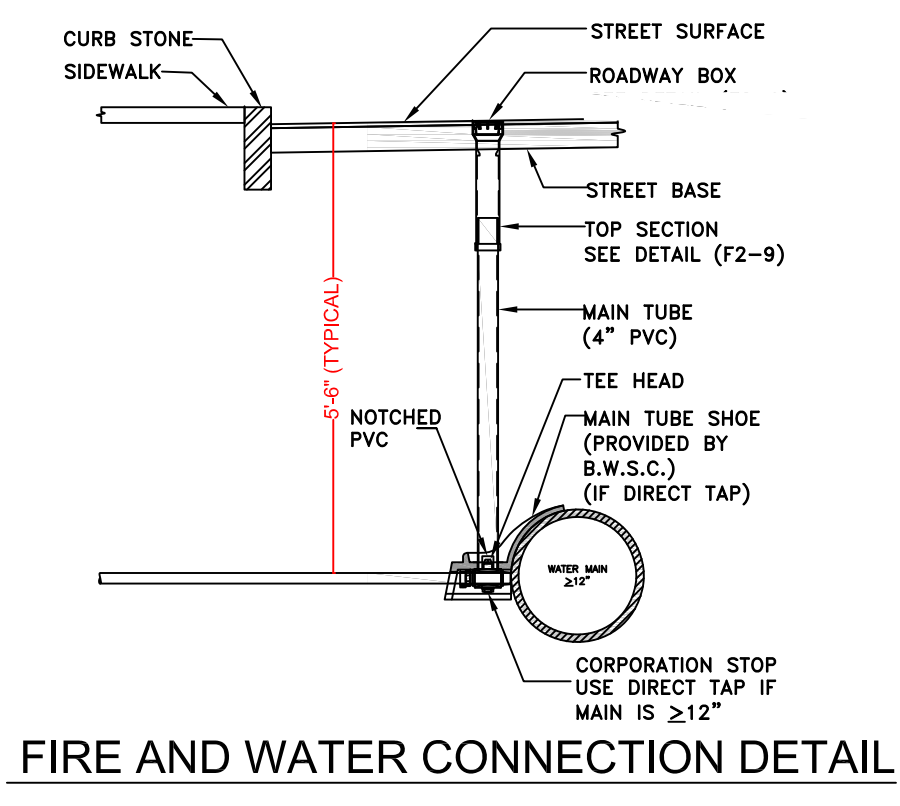
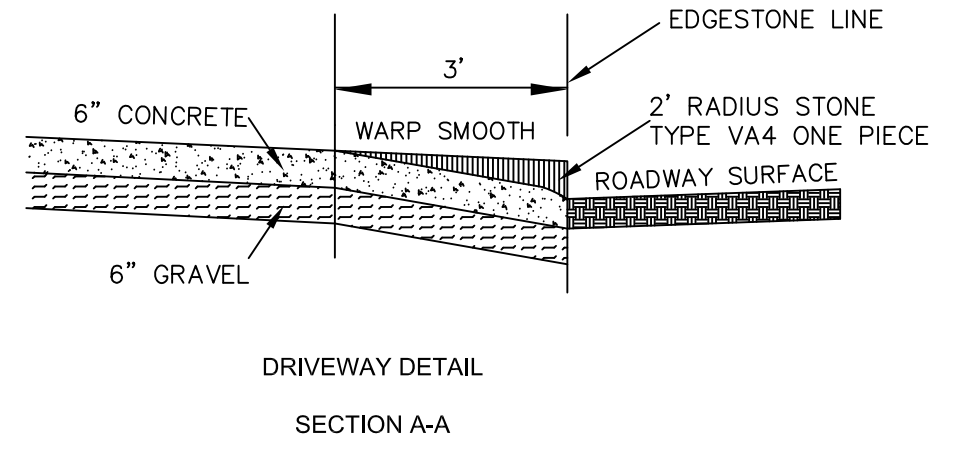
O LAYER 12"-0" 10 YR 6/1 FILL
A LAYER 0-12" 7.5 YR 6 / 1 FILL
C LAYER 12-38+" 10 YR 6 / 4

STONY SILTY SAND  
 THROUGHOUT  
 W BOULDERS IN THE  
 C LAYER

PERC: 2 MIN 9 SEC / INCH







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PROJECT  
1766 - 1768  
**COMMONWEALTH AVENUE**  
NEWTON, MA 02466

SEAL:

This item has been electronically signed and sealed by EDR on the date adjacent to the seal using a SHA authentication code.

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REVISION:

NO.	DATE	DESCRIPTION
REV. NO. 1	DATE 1	DESCRIPTION 1
REV. NO. 2	DATE 2	DESCRIPTION 2
REV. NO. 3	DATE 3	DESCRIPTION 3
REV. NO. 4	DATE 4	DESCRIPTION 4
REV. NO. 5	DATE 5	DESCRIPTION 5

DRAWING TITLE:  
**SITE PLAN DETAILS**

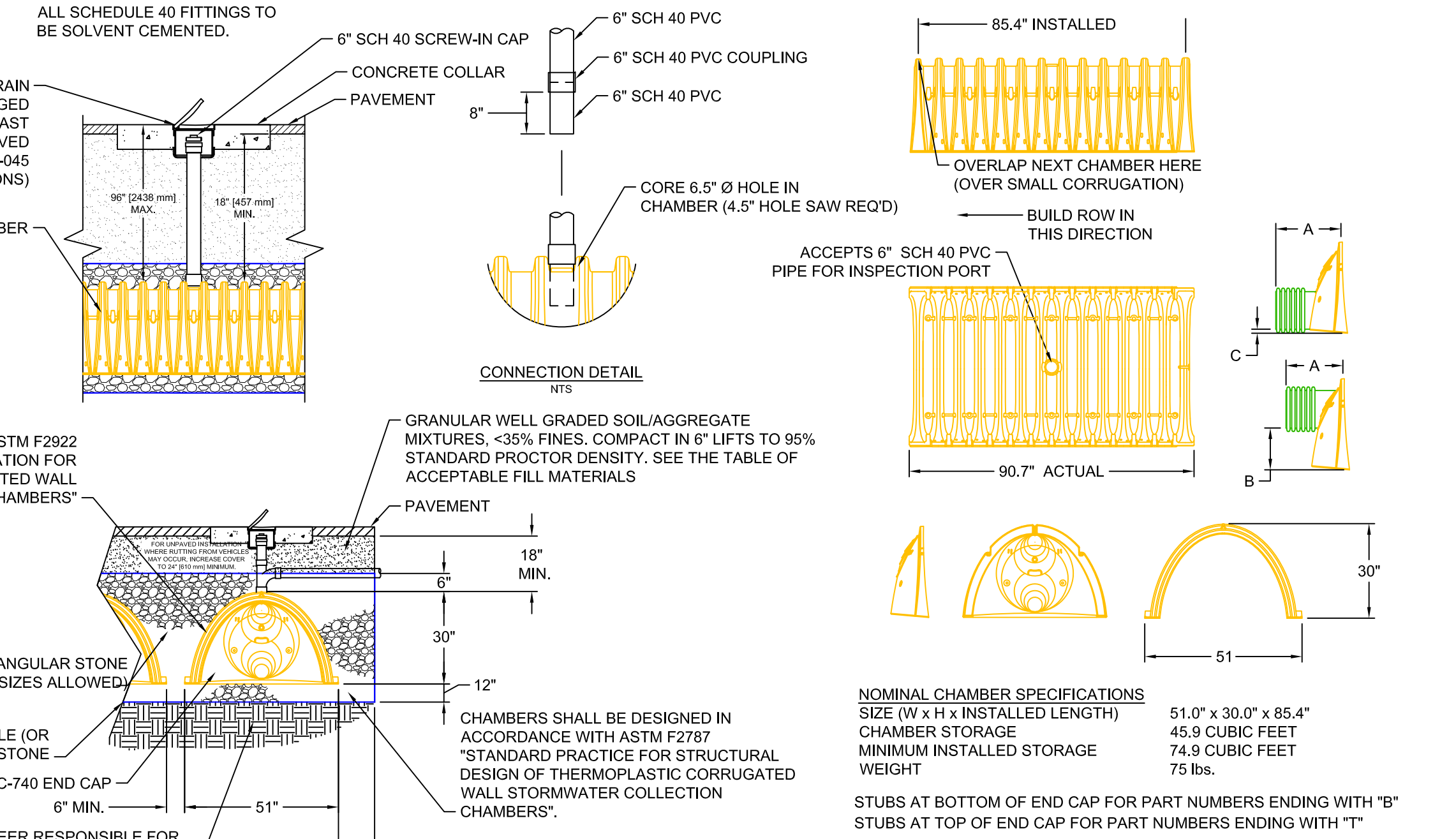
DRAWN BY:  
DRAWN\_BY  
CHECKED BY:  
CHKD\_BY  
SCALE:  
AS\_NOTED

DATE:  
ISSUE\_DATE  
PROJECT NO.:

DRAWING NO.:  
**2\_OF\_2**

PROJECT LOCATION:  
Date: 1/15/2023 - C:\Users\JDesouza\Desktop\NativeTec\New England\1766-1768 Com Ave Newton\1766-1768 Commonwealth\2202\_2.dwg

- NOTES:  
1. INSPECTION PORT MUST BE CONNECTED THROUGH KNOCK-OUT LOCATED AT CENTER OF CHAMBER. ALL SCHEDULE 40 FITTINGS TO BE SOLVENT CEMENTED.  
2. NYLOPLAST 12" INLINE DRAIN BODY W/ 12" SOLID HINGED COVER AND FRAME (SEE NYLOPLAST DWG# 7003-110-044 FOR PAVED APPLICATIONS / SEE DWG# 7003-110-045 FOR UNPAVED APPLICATIONS)



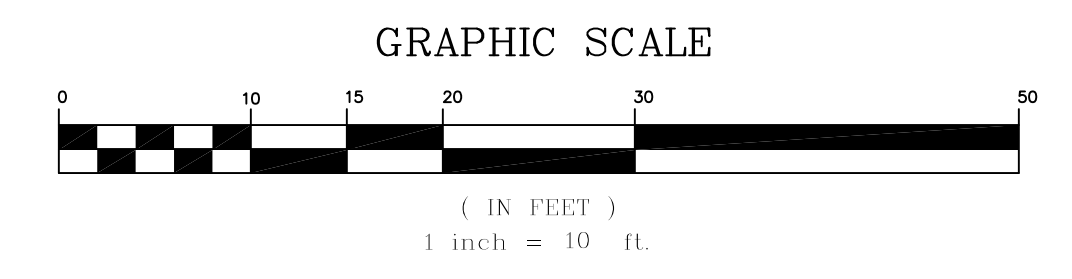
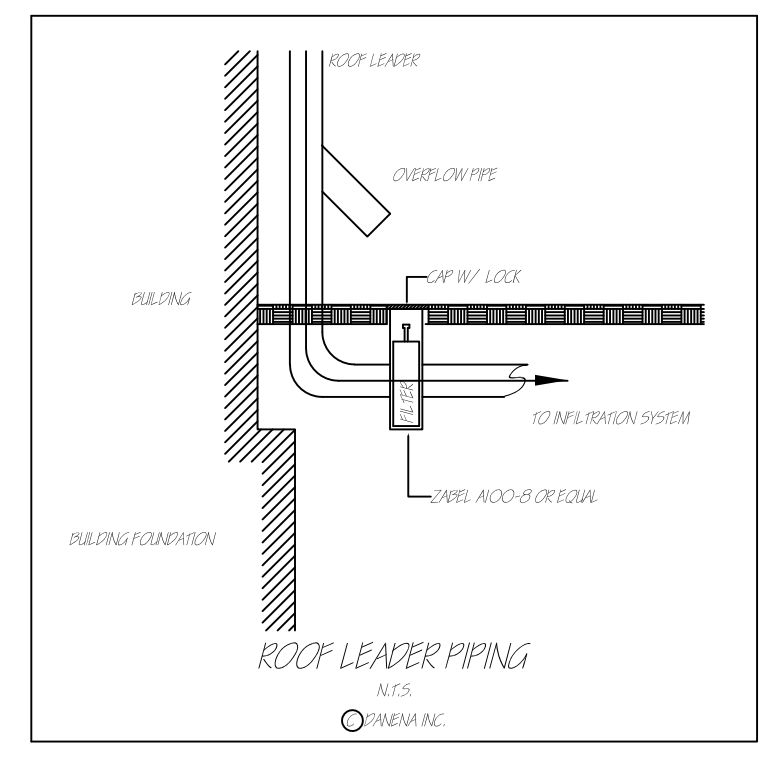
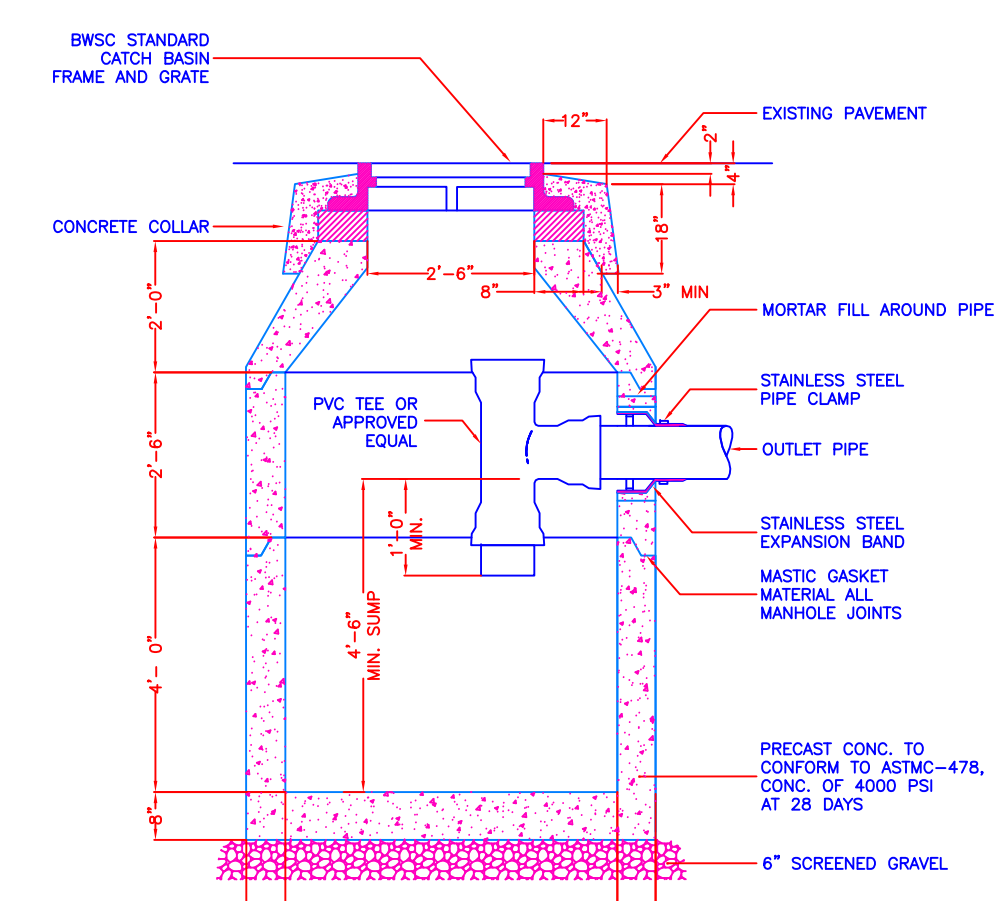
NOMINAL CHAMBER SPECIFICATIONS  
SIZE (W x H x INSTALLED LENGTH)

CHAMBER STORAGE	MINIMUM INSTALLED STORAGE WEIGHT
51.0" x 30.0" x 85.4"	45.9 CUBIC FEET
	74.9 CUBIC FEET
	75 lbs.

STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"  
STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"

PART#	STUB	A	B	C
SC740EPE06T	6"	10.90"	18.50"	N/A
SC740EPE06B	6"	10.90"	N/A	0.50"

NOTE: ALL DIMENSIONS ARE NOMINAL



**STORMTECH SC-740 INFILTRATOR DETAIL**