

W-21-27
SERVICE 34141

NEW BEDFORD WATER WORKS
APPLICATION FOR SERVICE AND METER
NEW BEDFORD 8-9-2021

I HEREBY ACKNOWLEDGE the receipt of a copy of the Regulations prescribed in the Ordinance of the City, for the use of Water, and I request that the water may be furnished through a

1" inch copper meter at Riverview Terrace (ES) 142'
S. Douglas St.

at such rates as may from time to time be established by the City.

I hereby agree to pay promptly the bill for the Service pipe laid down for my premises, and to pay all dues for water, and I agree to conform to the said Regulations and to all provisions of the Water Ordinances, until written notice is given by me or my agent to cut off the supply.

P.6

2.54

Sewer # 24974
Storm # 24975

TELEPHONE (508) 617-3778

*
Chuck P. P. P.
18 Avis St. Dorch. MA.

Service laid..... Size and kind of pipe.....

From Contractor: BOGANNES St.

Turned on..... Meter Set.....

Reading 8500..... Location.....

Building rates..... Paid.....

Cost of Service CLK# 1092..... Paid.....

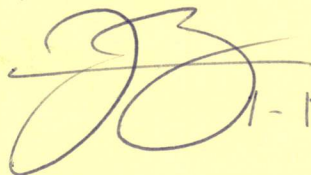
31-727

9-102021: Service inspected by P. Reynolds
Installed by RJ Canessa

S x S Line Douglas St 139.0'
W x E Line Riverview Terrace 5.5'
N x S line house 21.0'
S x N line Garage 25.0'
W x W line House 33.0'
Main to Property line 35.0'
Pipe inside property 30.0'

pick up couplings

x



Jason Bree

1-12-2022

DISPLAY PERMIT IN A CONSPICUOUS PLACE ON THE PREMISES



Commonwealth of Massachusetts

City of New Bedford

133 William Street New Bedford, MA 02740

WATER SERVICE PERMIT



Date: 9/1/2021

No. W-21-27

Permit Fee: \$500.00

Service Location: ES-6- RIVERVIEW TER

Owner Name: MENDONCA BETTE ANNE

Owner Phone #: (508) 617-3778

Type of Occupancy: Residential

Type of Work: Water - Domestic New 1"

Work-Description: WATER sERVICE# 34141
P.6
L.54

RIVERVIEW TERRACE ES 142' S X DOUGLAS ST

SEWER PERMIT#24974
STORM#24975

Contractor

Name: Robert J. Canessa Certificate #: _____ Type of Business: DPI - Other

Address: P. O. Box 51643 City/Town/State: New Bedford MA Phone #: (508) 998-

Type of Service Pipe Size Trench Length: 0.00

Fire Service _____

Domestic Service _____

Estimated consumption of water

Estimated average daily consumption 0.00 gallons

Estimated maximum day consumption 0.00 gallons

Are lawn sprinklers and/or lawn irrigation proposed on site? No

Estimated fire flows required for the project site: 0.00

Does the project require a fire suppression system? No

Required minimum static pressure for the proposed project site _____

Cross Connection? No

Right of Way? No

Meter Impact? No

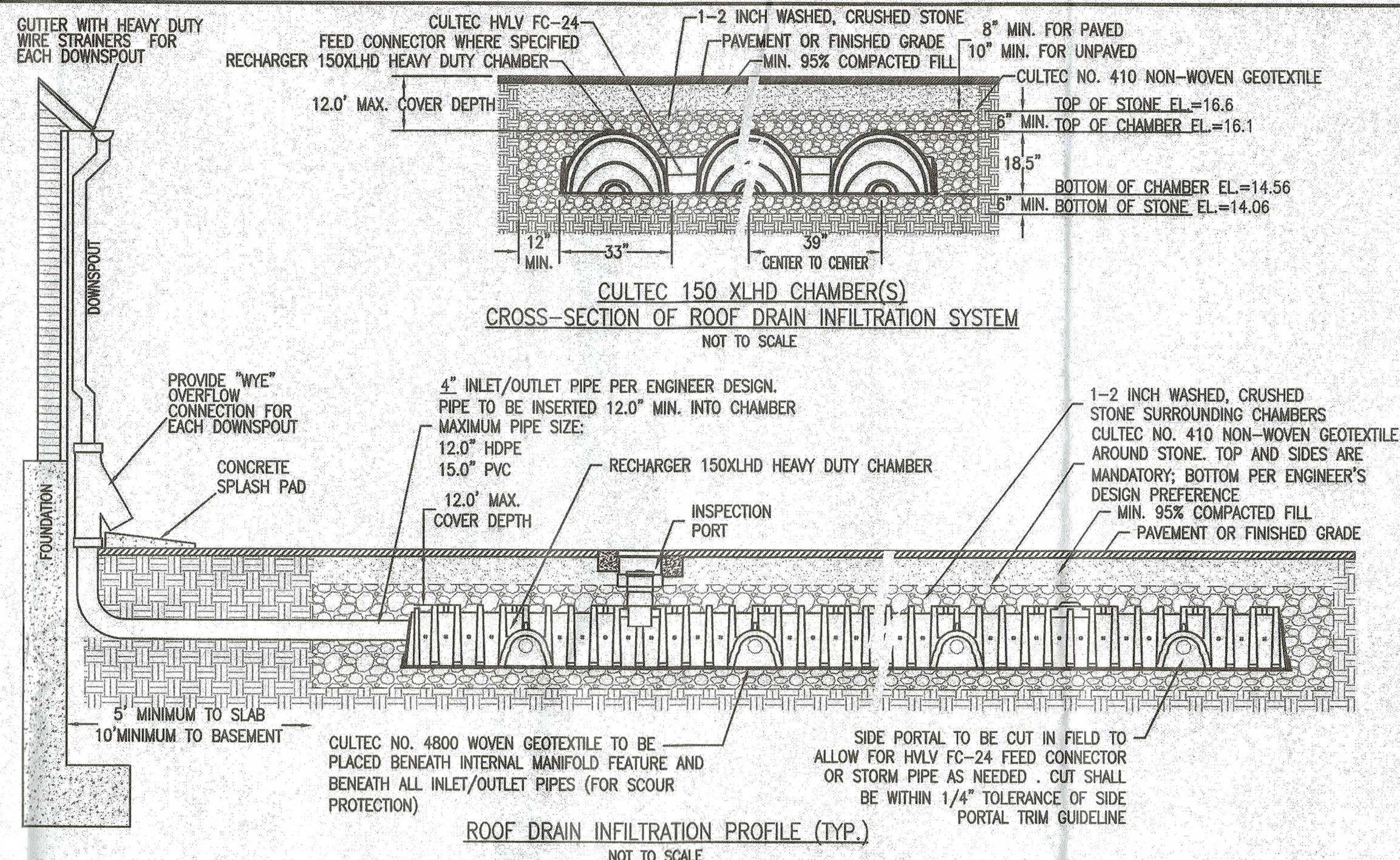
Street Opening Permit Required? No

Call Phone: (781) 942-9077 For Inspection

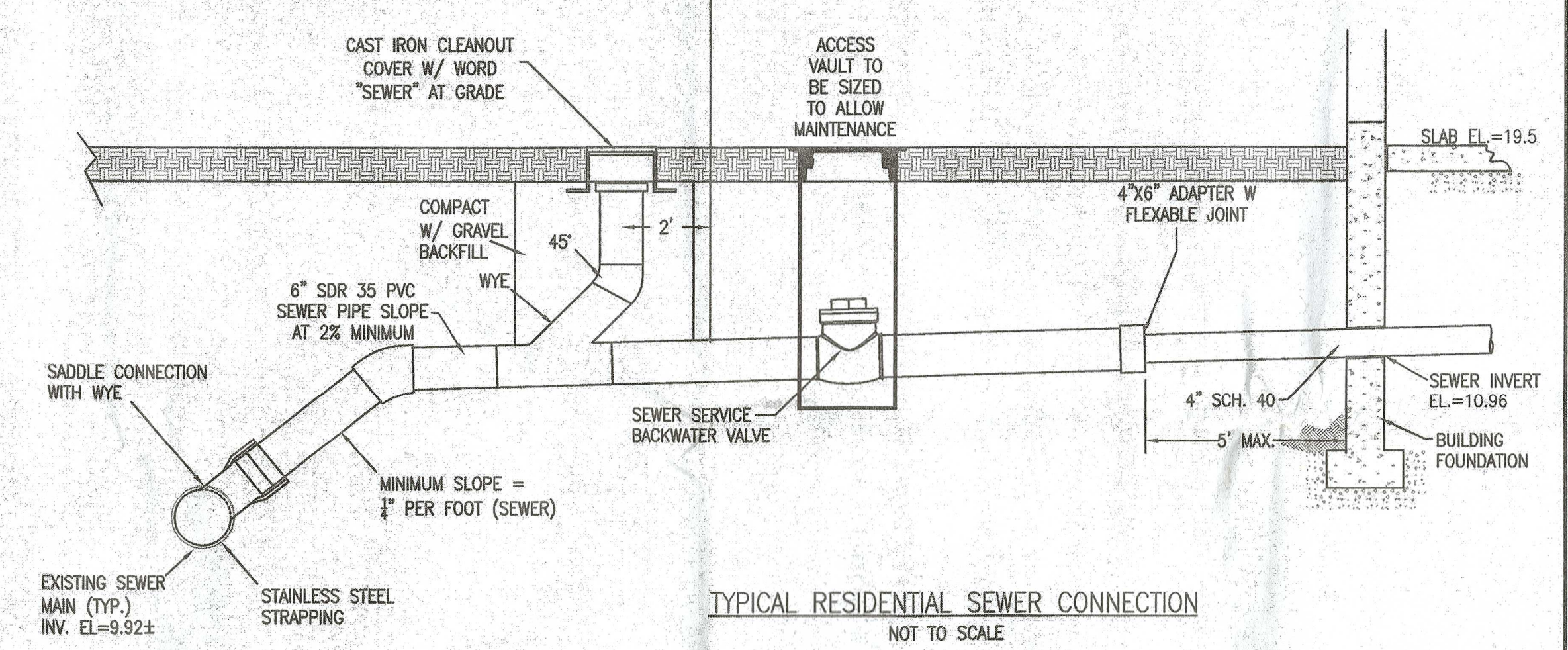
1 THE SUBJECT PROPERTY IS SHOWN AS ASSESSORS MAP 6 LOT 54 AND PART OF LOT 53 ON THE NEW
2 BEDFORD ASSESSORS' RECORDS.
3 PROPERTY LINE AND EXISTING CONDITIONS INFORMATION WAS TAKEN FROM A FIELD SURVEY BY ZENTH
4 LAND SURVEYORS, LLC.
5 REFER TO BOOK 13726 PAGE 89 ON RECORD AT THE BRISTOL COUNTY REGISTRY OF DEEDS FOR TITLE
6 REFERENCE TO THE SUBJECT PROPERTY.
7 CONVEY CAN BE LOCATED 192 PAGE 38 (FOR BOTH PARCELS) ON RECORD AT THE BRISTOL COUNTY
8 REGISTRY OF DEEDS.
9 VERTICAL DATUM IS ASSUMED. CONTRACTOR IS TO LOCATE AND VERIFY BOTH BENCHMARKS PRIOR TO
10 ANY DESIGN OR CONSTRUCTION. DESIGN ENGINEER KNOWS OF ANY DISCREPANCIES PRIOR TO ANY WORK.
11 THE SUBJECT PROPERTY IS LOCATED IN ZONE AE (BE' ET 17.0), AS SHOWN ON THE FLOOD INSURANCE
12 RATE MAP (F.I.R.M.) OF BRISTOL COUNTY, MASSACHUSETTS, MAP NUMBER 25005C04826, MAP REVISED
13 JULY 1984.
14 THE PROPERTY IS NOT LOCATED IN A PRIORITY HAZARD OR ESTIMATED HAZARD AS SHOWN ON THE
15 MASSACHUSETTS NATURAL HAZARD ATLAS 14TH EDITION EFFECTIVE DATE AUGUST 1, 2017.
16 LOCATIONS ARE CONSIDERED TO BE APPROXIMATE. CONTRACTOR TO VERIFY THE ACTUAL
17 LOCATION AND INVERTS OF UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.
18 THE CONTRACTOR IS RESPONSIBLE UNDER MASSACHUSETTS STATE LAW TO NOTIFY DISSEAL (800.322.4444)
19 OF ANY UTILITIES PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO NOTIFY DISSEAL PRIOR TO THE START OF EXCAVATION.
20 ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED.
21 ROOF DRAIN INFILTRATION SYSTEM MUST BE INSTALLED BY THE CITY OF NEW BEDFORD D.P.I.
22 WITHIN THE CITY LAYOUT AND ALL UTILITIES WORKING BE INSPECTED BY THE CITY OF
23 NEW BEDFORD D.P.I.
24 ALL WORK TO BE IN ACCORDANCE WITH CITY OF NEW BEDFORD REGULATIONS.
25 CONTRACTOR TO USE US CUSTOMARY UNITS OF MEASURE. FOR CONNECTION TO THE SEWER CONNECTION,
26 THE SEWER/STORM DRAIN SYSTEM IS AN "OVER/UNDER" (12" STORM OVER 10" SEWER) SYSTEM. CONTRACTOR
27 TO VERIFY THAT PROPER CONNECTION OF SEWER SERVICE IS MADE.
28 REFER TO BID FORM TO BE INSTALLED FOR DETAIL B-6 OF NEW BEDFORD DPI CONSTRUCTION STANDARDS
29 AND SPECIFICATIONS, REVISED MARCH 2021.

1. TOPSOIL AND SUBSOIL SHALL BE REMOVED BENEATH CHAMBER SYSTEMS AND REPLACED WITH TITLE 5 SAND UP TO THE ELEVATION AT THE BOTTOM OF THE CHAMBERS.
2. HEAVY DUTY WIRE STRAINERS ARE TO BE INSTALLED AT ALL DOWN SPOUTS. THIS IS TO PREVENT LEAVES AND OTHER DEBRIS FROM CLOGGING DOWN SPOUT.

1. THE INSPECTION OF THE GUTTER SYSTEM AND HEAVY DUTY WIRE STRAINERS ARE TO BE CONDUCTED A MINIMUM OF 4 TIMES PER YEAR. DURING THAT TIME LEAVES AND DEBRIS SHALL BE CLEANED FROM GUTTERS AND STRAINERS.
2. THE INFILTRATION CHAMBERS SHALL BE INSPECTED A MINIMUM OF 1 TIME PER YEAR. THE INSTALLATION OF AN INSPECTION PORT TO GRADE WILL ALLOW EASY ACCESS FOR INSPECTION. AS PART OF THE INSPECTION ALL DEBRIS AND LEAVES ARE TO BE REMOVED FROM THE CHAMBERS.



1. FULL PVC OR IRON SADDLE MAY BE USED TO CONNECT TO EXISTING PVC, CLAY, CONCRETE, OR IRON PIPE.
2. SADDLES MUST HAVE RUBBER GASKETS AND SHALL BE TIGHTENED WITH STRAPS. SADDLES WILL NOT BE CEMENTED ONTO THE PIPE.
3. FULL WYE CONNECTION FITTINGS MAY BE USED.
4. PIPE SHALL BE CUT TO CONFORM TO THE OPENING IN THE SADDLE.
5. CONNECTIONS DIRECTLY INTO THE EXISTING PIPE WITHOUT SADDLE OR FULL WYE FITTING ARE NOT ALLOWED, UNLESS DIRECTED BY THE INSPECTING ENGINEER.



PROPOSED ROOF AREA:
 ROOF AREA: $46' \times 30' = 1,380 \text{ SF}$

DESIGN FOR A 1" STORM EVENT

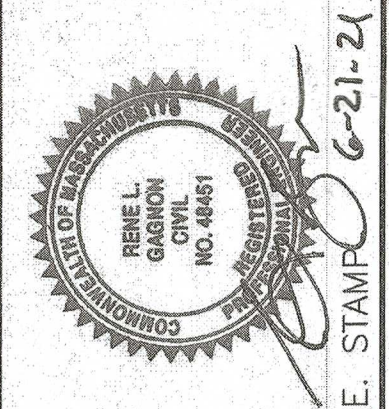
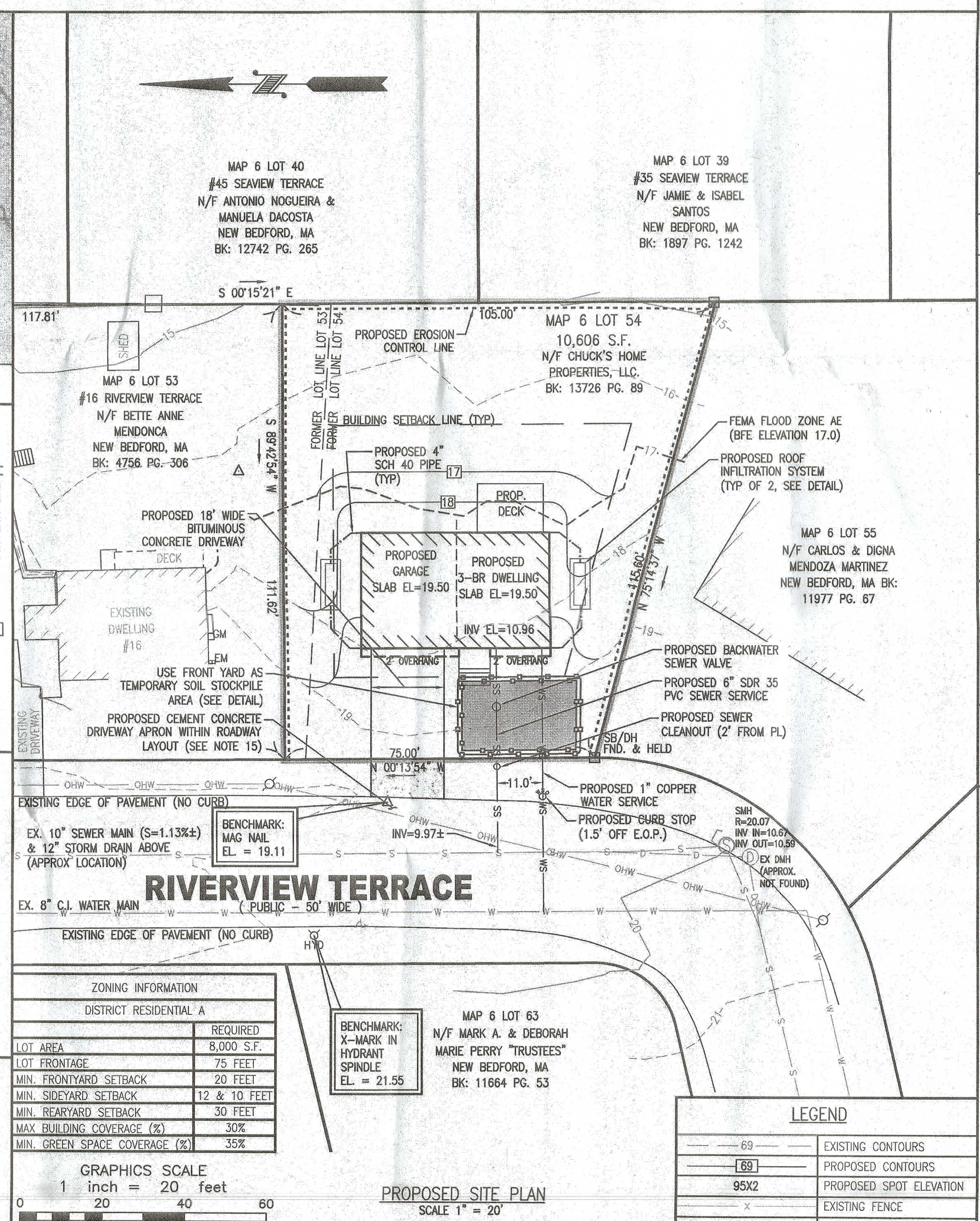
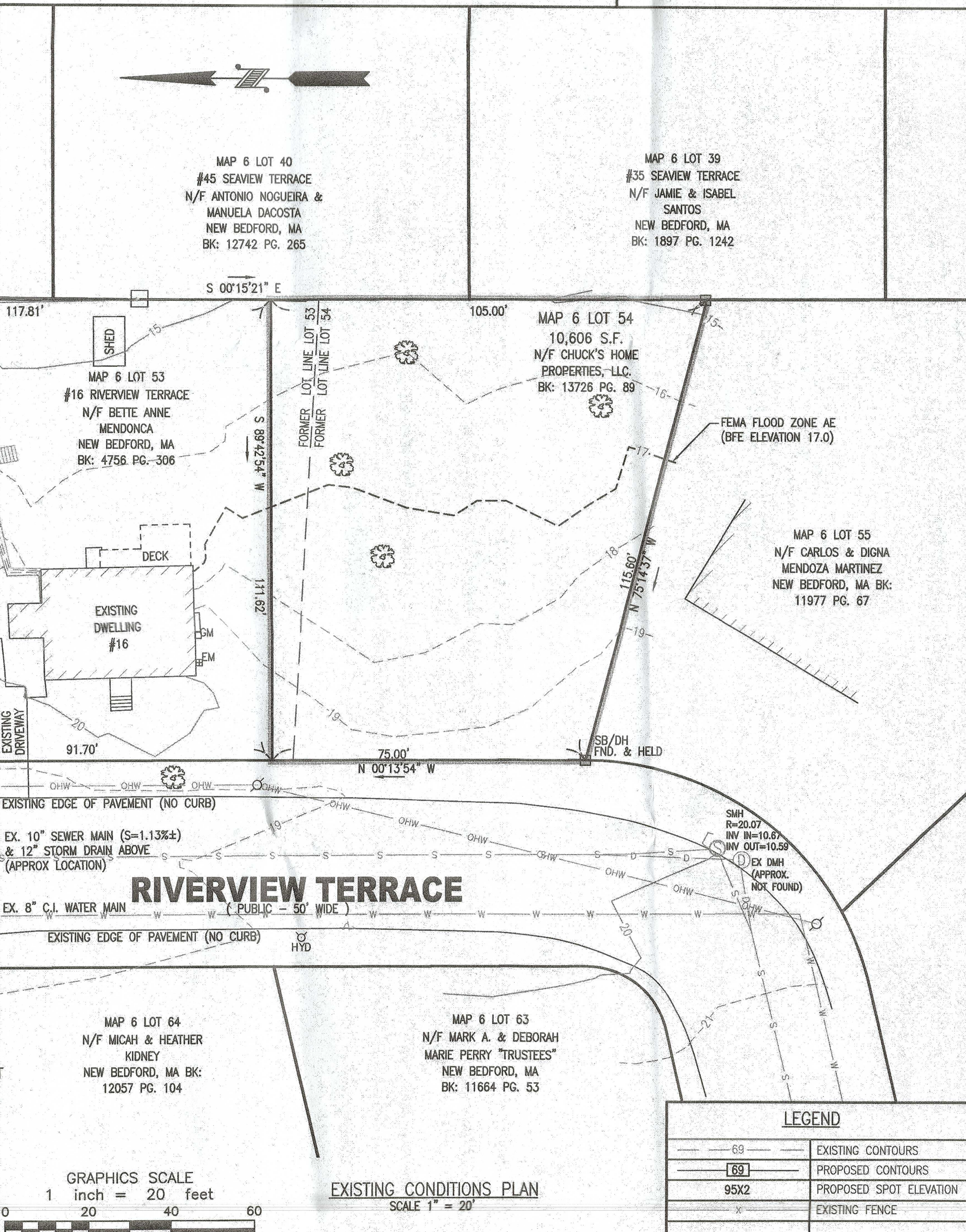
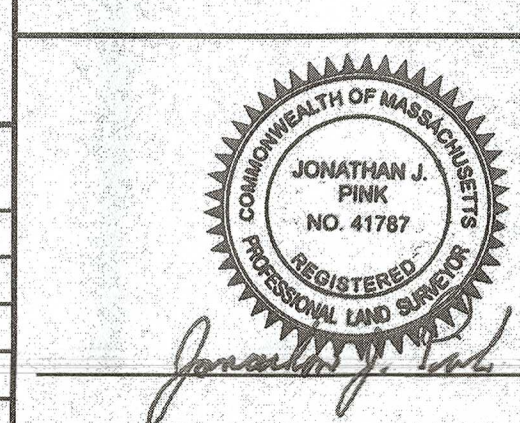
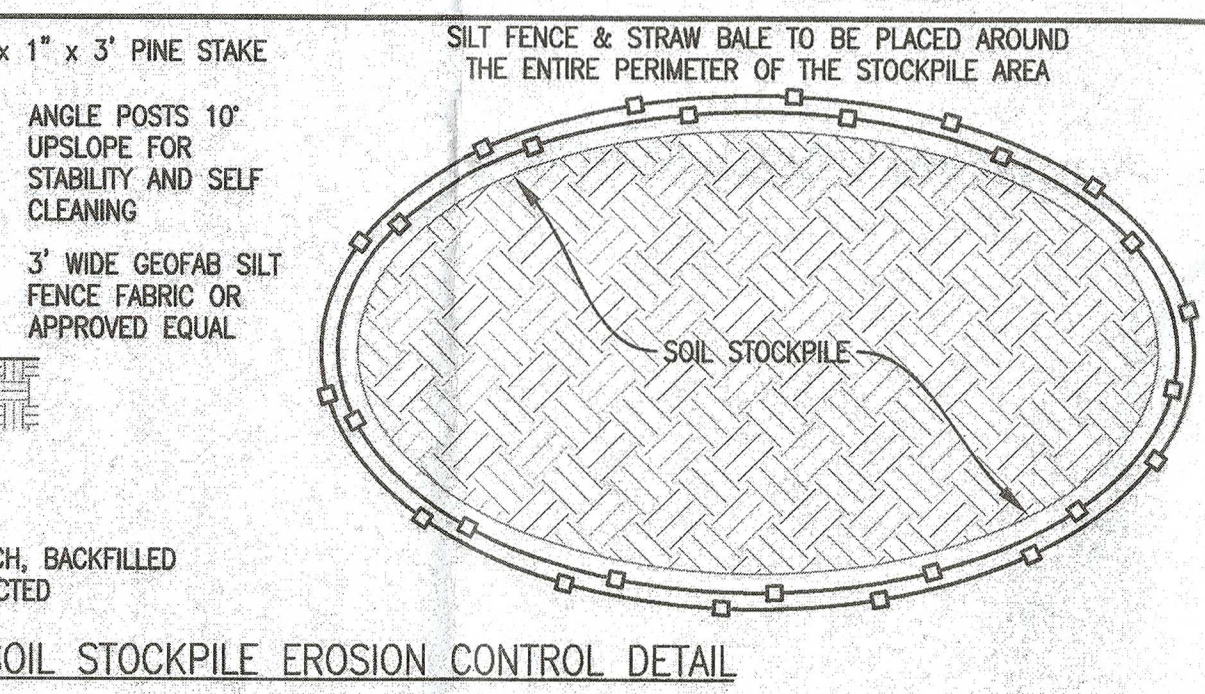
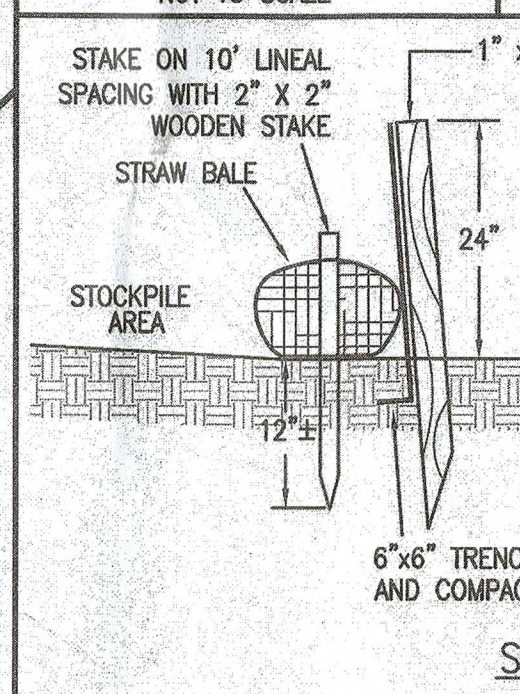
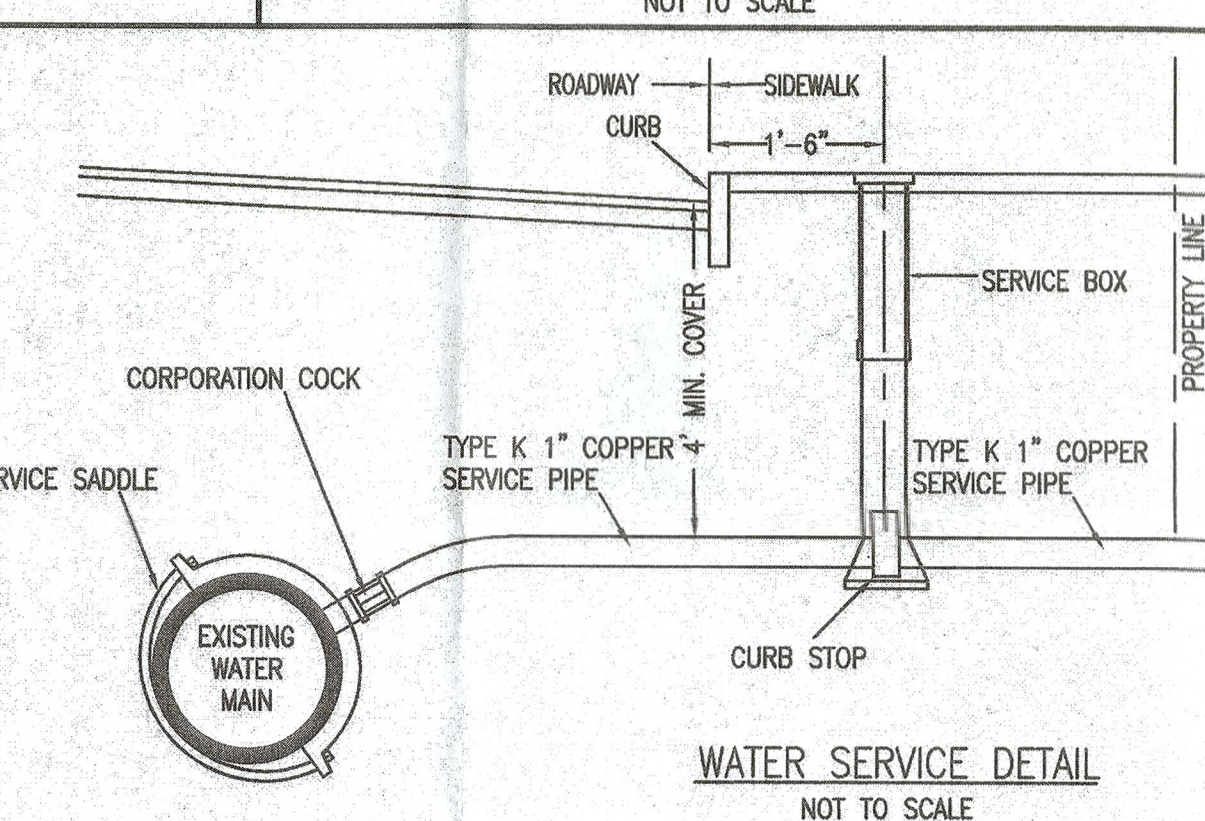
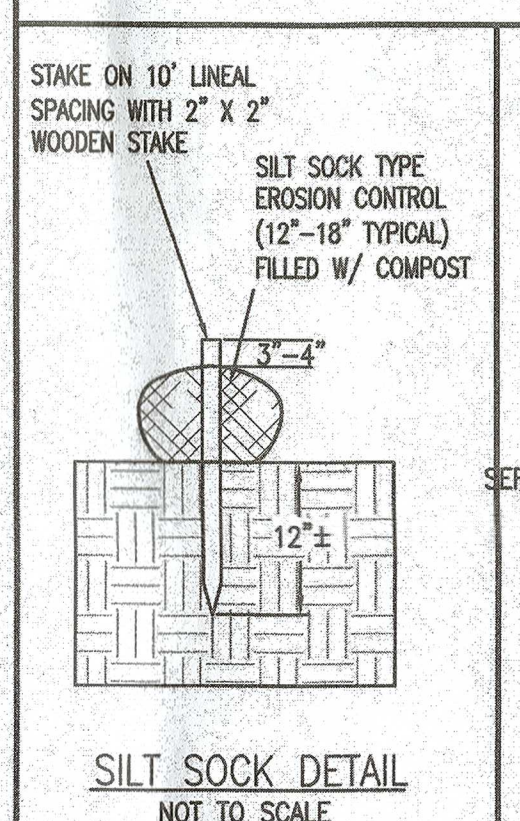
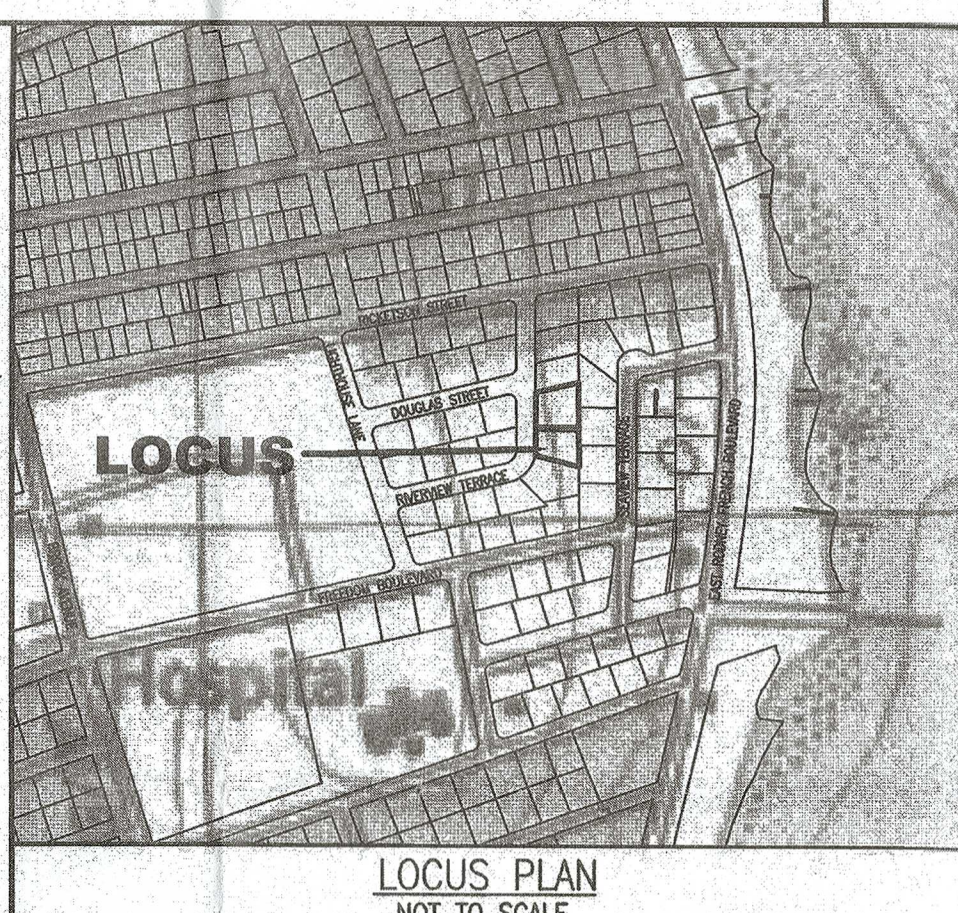
TRY 2: CULIET: 150LHD UNITS EACH IN A STONE BED
 $1,380 \text{ SF} \times (1"/12" \text{ PER FOOT}) = 115 \text{ CF (VOLUME REQUIRED)}$

TRY 2: CULIET: 150LHD UNITS EACH IN A STONE BED
 TOTAL VOLUME FROM UNIT(S): $2 \text{ UNITS} \times 27.16 \text{ CF / UNIT} = 54.3 \text{ CF}$

STONE BED / UNIT = $4.75' \times 13' \times 30.5" = 157 \text{ CF}$
 TOTAL VOLUME OF STONE IN BED = STONE BED - UNITS VOLUME
 $157 \text{ CF} - 54.3 \text{ CF} = 77.16 \text{ CF} = 128.84 \text{ CF}$

USING A 40% VOID RATIO IN CRUSHED STONE
 $128.84 \text{ CF} \times 0.4 = 51.9 \text{ CF}$

TOTAL STORATIVE VOLUME PROVIDED =
 $27.16 \text{ CF} + 51.9 \text{ CF} = 79.06 \text{ CF (VOLUME PROVIDED)}$



CONSULTING ENGINEERS, LLC
STREET LAKEVILLE, MA 02347
PHONE: (508) 947-4208



DRAWN BY:	R/LG	DATE:	4/30/2021	REV.	DATE	DESCRIPTION	BY
DESIGNED BY:	R/LG	PROJECT NUMBER:	0597-03-01	1.	6/1/21	REV PER NB DPI COMMENTS	APP.
CHECKED BY:	JLB	DRAWING SCALE	1" = 20'	2.	6/21/21	REV PER NB CON COM	R/LG
APPROVED BY:	JLB	SHEET ID	BPP				JLB

BUILDING PERMIT PLAN

ASSESSORS MAP 6 LOT 54
RIVERVIEW TERRACE
NEW BEDFORD, MASSACHUSETTS

JASON BRAZ
42 BUSH STREET
DARTMOUTH, MA 02748

PROJECT NAME:	
PROJECT SITE:	
PROJECT INFO:	

Civil Engineering Projects\New Bedford\Riverview Terrace\16 Riverview Terrace\DWG\Base.dwg