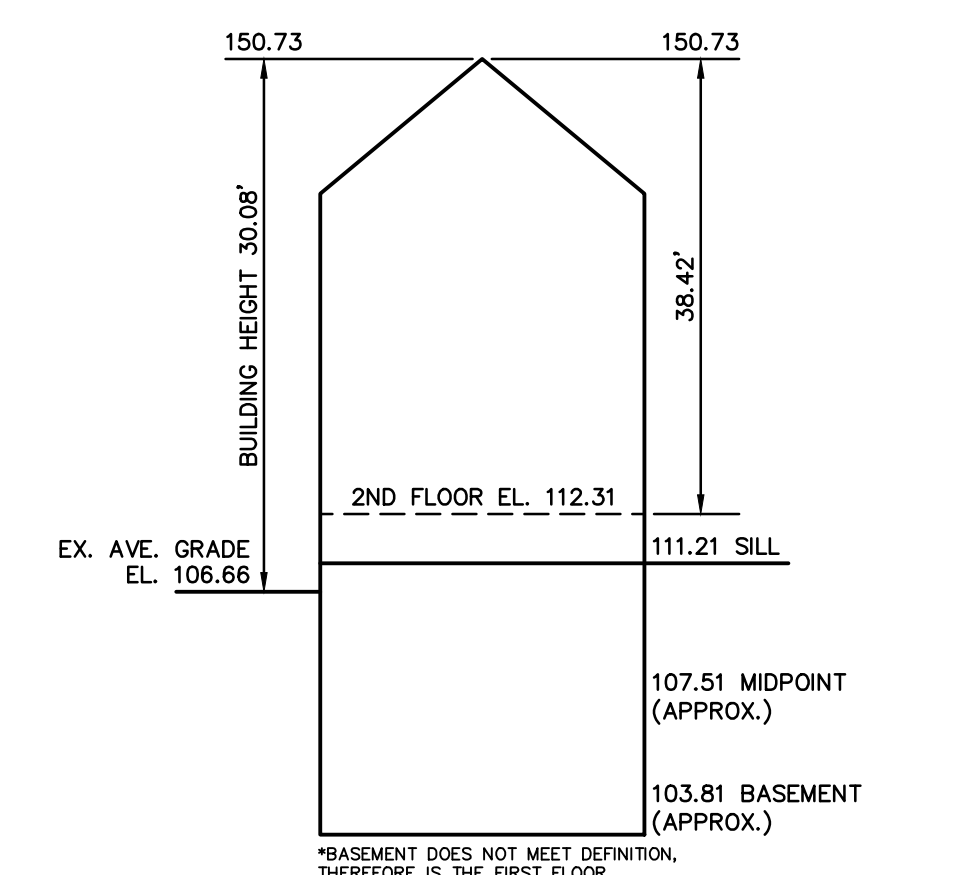
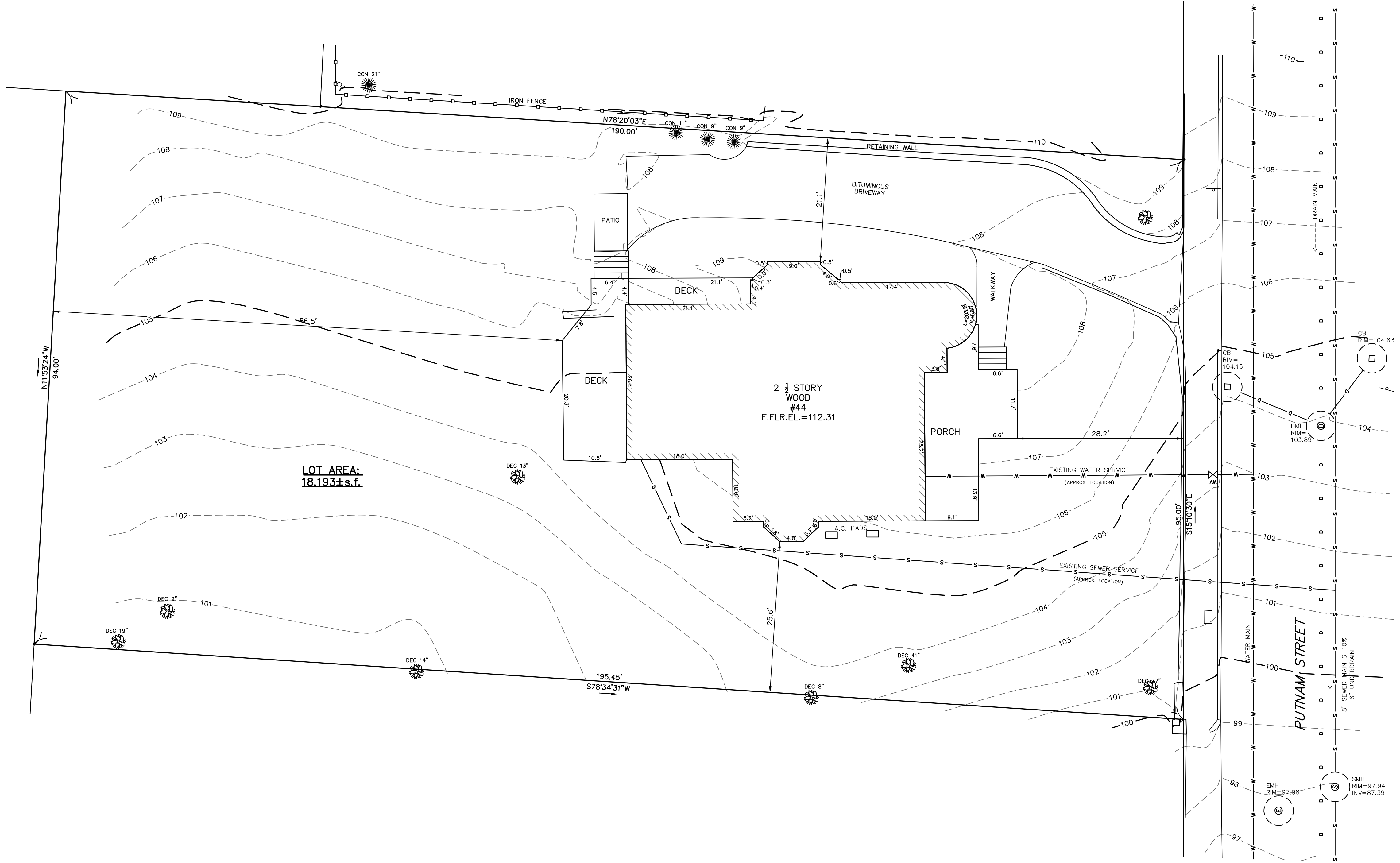
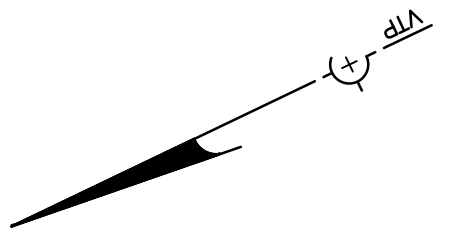


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**LEGEND**

BUILDING	
PROPERTY LINE W/ BEARING DISTANCE	S81°56'34"E 116.23'
CONTOUR	- 70 -
STOCKADE FENCE	
CHAINLINK FENCE	
PICKET FENCE	
SEWER LINE	S
DRAIN LINE	D
WATER LINE	W
GAS LINE	G
GAS VALVE	
WATER VALVE	
DRAIN MANHOLE	
SEWER MANHOLE	
CATCH BASIN	
UTILITY POLE	
LIGHT POLE	
DECIDUOUS TREE	DEC. 22'
CONIFEROUS TREE	CON. 12'
FIRE HYDRANT	



**EXISTING BUILDING HEIGHT**  
NOT TO SCALE

**Length Weighted Mean Existing Conditions Average Grade Calculation**

A Segment	B Length Of Segment in Feet	C Height of High Point of Segment	D Height of Low Point of Segment	E (C+D)/2 Average Segment Height	F BxE
1	13.90	106.15	107.31	106.73	1483.55 Sq. Ft.
2	6.60	106.86	107.79	107.33	708.35 Sq. Ft.
3	11.70	107.24	108.00	107.62	1259.15 Sq. Ft.
4	6.90	108.31	108.30	108.31	714.81 Sq. Ft.
5	7.90	108.31	108.48	108.40	823.80 Sq. Ft.
6	10.40	108.48	108.43	108.46	1127.93 Sq. Ft.
7	17.40	108.14	108.36	108.25	1883.55 Sq. Ft.
8	9.00	108.14	108.20	108.17	973.53 Sq. Ft.
9	21.10	109.14	105.89	107.52	2268.57 Sq. Ft.
10	26.40	105.89	104.64	105.27	2779.00 Sq. Ft.
10	18.00	104.64	106.02	105.33	1895.94 Sq. Ft.
10	10.60	106.12	105.22	105.67	1120.10 Sq. Ft.
10	13.22	104.55	105.48	105.22	1390.94 Sq. Ft.
10	27.10	105.48	105.71	105.60	2861.62 Sq. Ft.
<b>Total</b>	<b>199.62</b>				<b>21290.84 Sq. Ft.</b>

Total Column F / Total Column B = Average Grade  
**Average Grade: 106.66'**

**ZONING CHART**  
NEWTON, MASSACHUSETTS

ZONE: SR-2 (OLD) SUBMISSION: EXISTING

REGULATION	REQUIRED	EXISTING
LOT AREA	10,000s.f.	18,193±s.f.
LOT FRONTAGE	80.0'	95.0'
FRONT SETBACK	25.0'	28.2'
SIDE SETBACK	7.5'	21.1'
REAR SETBACK	15.0'	86.5'
BUILDING HEIGHT	36.0'	44.07' *
AVERAGE GRADE	-	106.66
LOT COVERAGE	30.0%	12.6%
OPEN SPACE	50.0%	78.5%

\* DOES NOT MEET THE REQUIREMENTS

**TOPOGRAPHIC SITE PLAN**  
NEWTON, MASSACHUSETTS  
SHOWING EXISTING CONDITIONS AT  
#44 PUTNAM STREET  
SCALE: 1in.=10ft. DATE: APRIL 21, 2021

PROJECT: 221127  
**VTP**  
ASSOCIATES  
INC.  
LAND SURVEYORS - CIVIL ENGINEERS.  
132 ADAMS STREET 2ND FLOOR SUITE 3  
NEWTON, MA 02458  
(617) 332-8271  
SHEET 1 OF 1