

PREPARED FOR:
OWNER OF RECORD:
BERNARDO & LISA V. MARZILLI
112 PINE STREET
NEWTON, MA

REFERENCES:
DEED: BK 71874; PG 329
PLAN: PL No. 1080 OF 1960
PL No. 692 OF 1947
LCC: 39278-A

I CERTIFY THAT THIS PLAN WAS MADE FROM AN INSTRUMENT SURVEY ON THE GROUND BETWEEN THE DATES OF APRIL 11, 2012 AND MAY 21, 2021 AND ALL STRUCTURES ARE LOCATED AS SHOWN HEREON.

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A.) MAPS, THE MAJOR IMPROVEMENTS ON THIS PROPERTY FALL IN AN AREA DESIGNATED AS
ZONE: X
COMMUNITY PANEL: 25017C0551E
EFFECTIVE DATE: JUNE 4, 2010

NOTES:
PROPERTY SBL: 33023 0013
DATUM: NEWTON CITY BASE

ZONING
DISTRICT: BU1

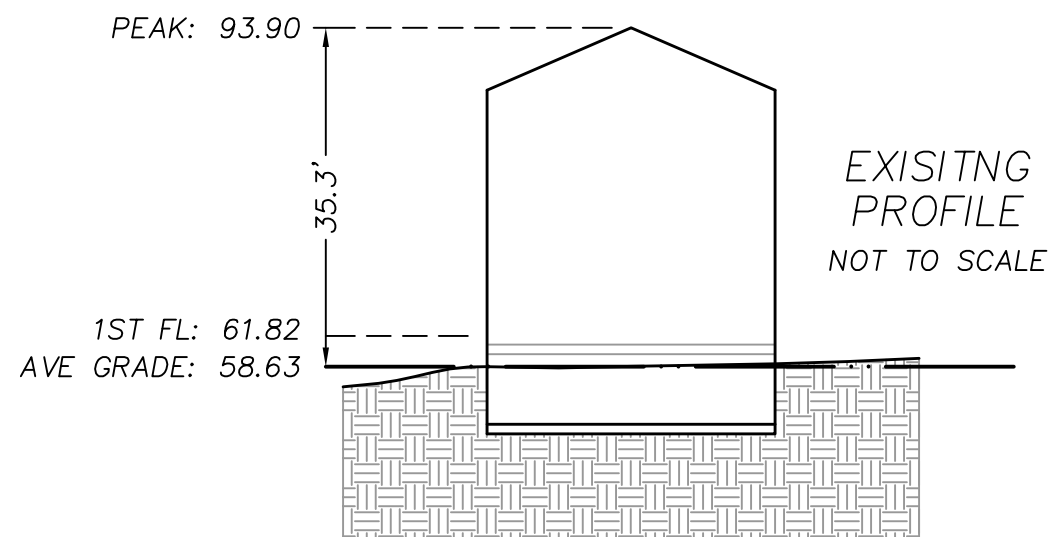
LEGEND

PROPOSED GRADE 59.9
EXISTING GRADE x59.9
RIVET ●

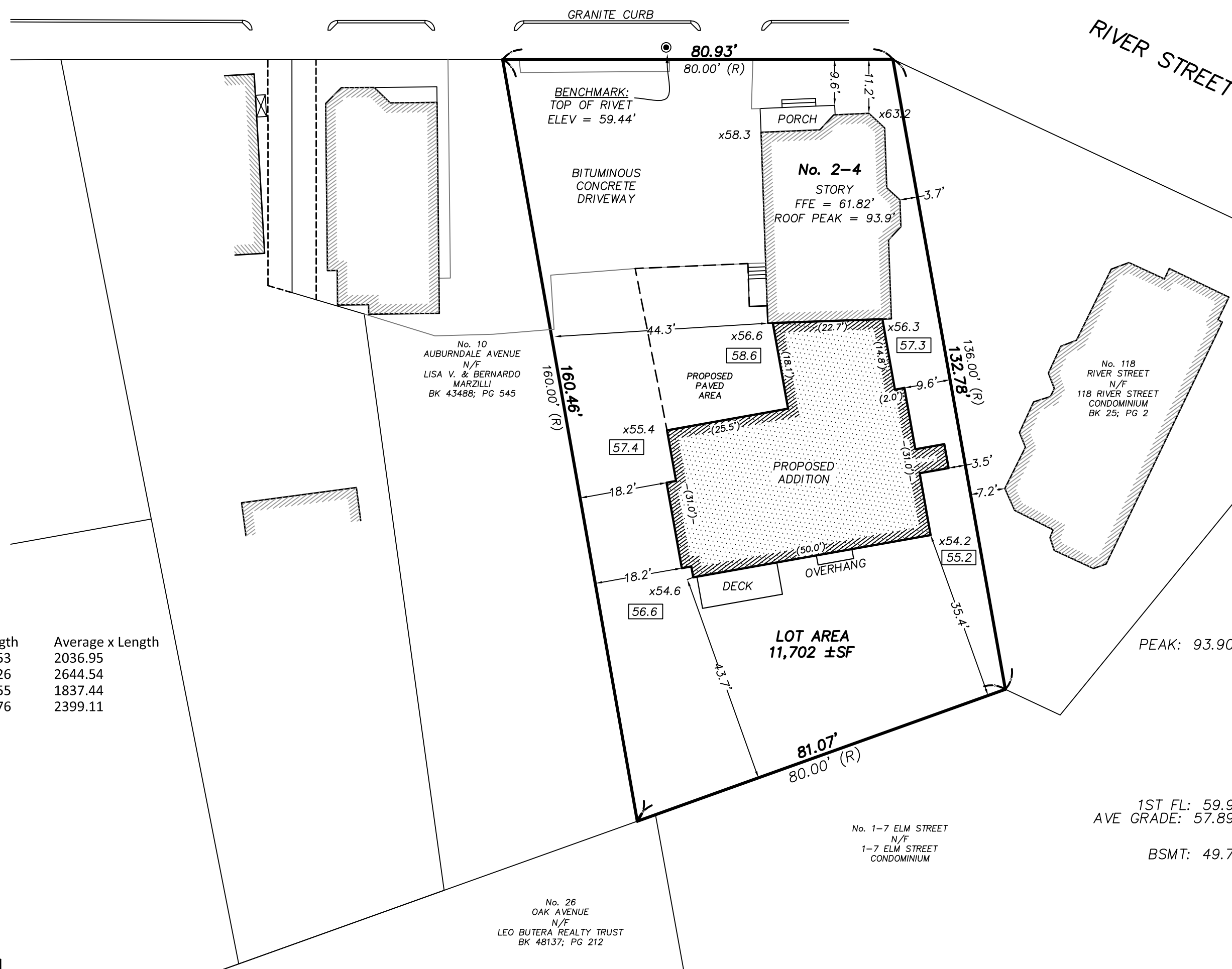
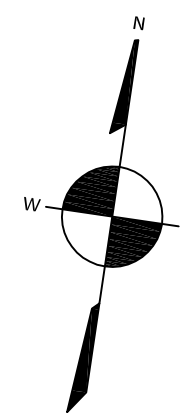
EXISTING AVERAGE GRADE CALCULATIONS:

Segment	Elevation 1	Elevation 2	Average	Length	Average x Length
Segment 1	58.3	63.2	60.75	33.53	2036.95
Segment 2	63.2	56.3	59.75	44.26	2644.54
Segment 3	56.3	56.6	56.45	32.55	1837.44
Segment 4	56.6	58.3	57.45	41.76	2399.11

Sum of all segments = 8918.04
Perimeter (total length of all segments) = 152.10
Average grade plane = 58.63

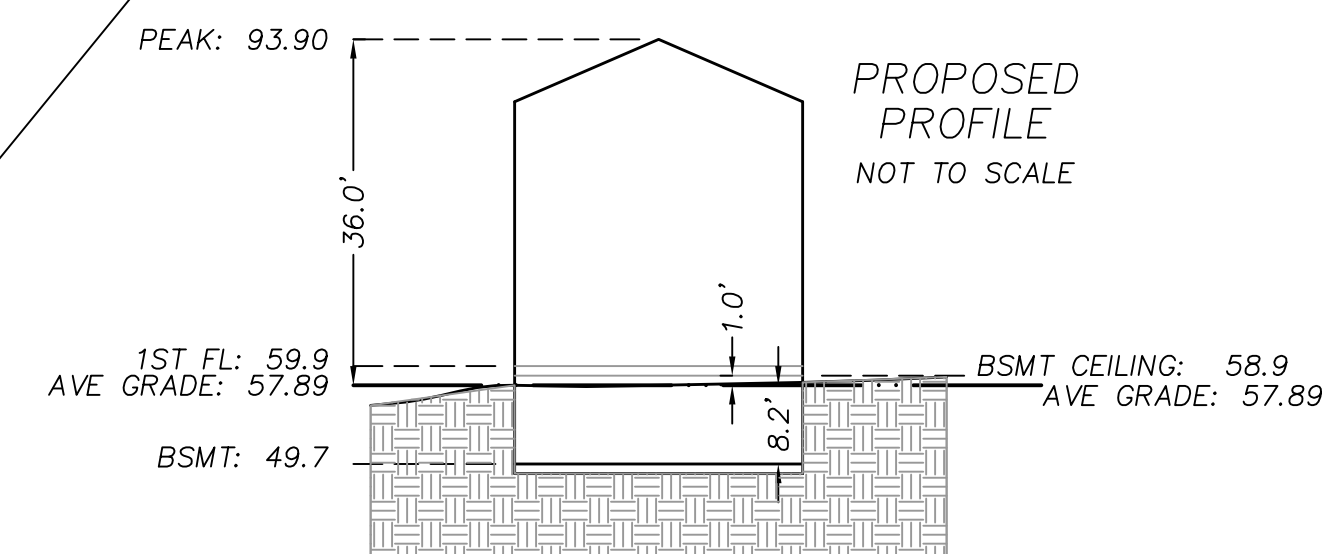


AUBURNDALE AVENUE
(PUBLIC - 40.0' WIDE)



CERTIFIED PLOT PLAN
SHOWING PROPOSED CONDITIONS LOCATED AT
2-4 AUBURNDALE AVENUE
NEWTON, MA

SCALE: 1.0 INCH = 20.0 FEET
0 20 40 60



IMPERVIOUS CALCULATIONS:

EXISTING: 28%
PROPOSED: 52%

PROPOSED AVERAGE GRADE CALCULATIONS:

Segment	Elevation 1	Elevation 2	Average	Length	Average x Length
Segment 1	58.3	63.2	60.75	33.53	2036.95
Segment 2	63.2	57.3	60.25	44.26	2666.67
Segment 3	57.3	55.2	56.25	45.67	2568.94
Segment 4	55.2	56.6	55.90	61.01	3410.46
Segment 5	56.6	57.4	57.00	33.96	1935.72
Segment 6	57.4	58.6	58.00	29.65	1719.12
Segment 7	58.6	58.3	58.45	41.76	2440.87

Sum of all segments = 16777.73
Perimeter (total length of all segments) = 289.84
Average grade plane = 57.89

FIELD:	DRM
DRAFT:	SAP
CHECK:	GCC
DATE:	02/02/2022
JOB #	11-00438

