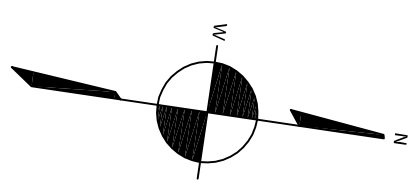


AUBURNDALE AVENUE
 (PUBLIC - 40.0' WIDE)



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

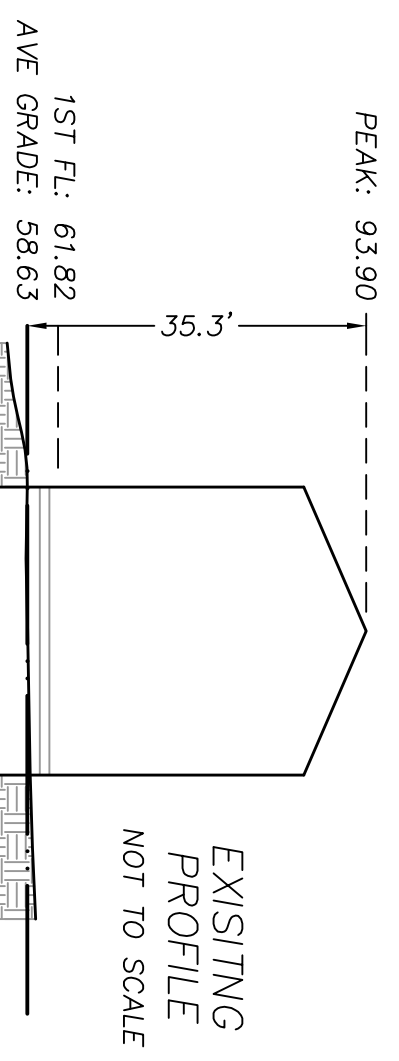
ZONING
 DISTRICT: BU1

LEGEND
 PROPOSED GRADE 59.9
 EXISTING GRADE 59.9
 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 | 2664.54 |
| 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



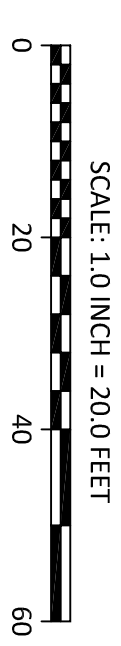
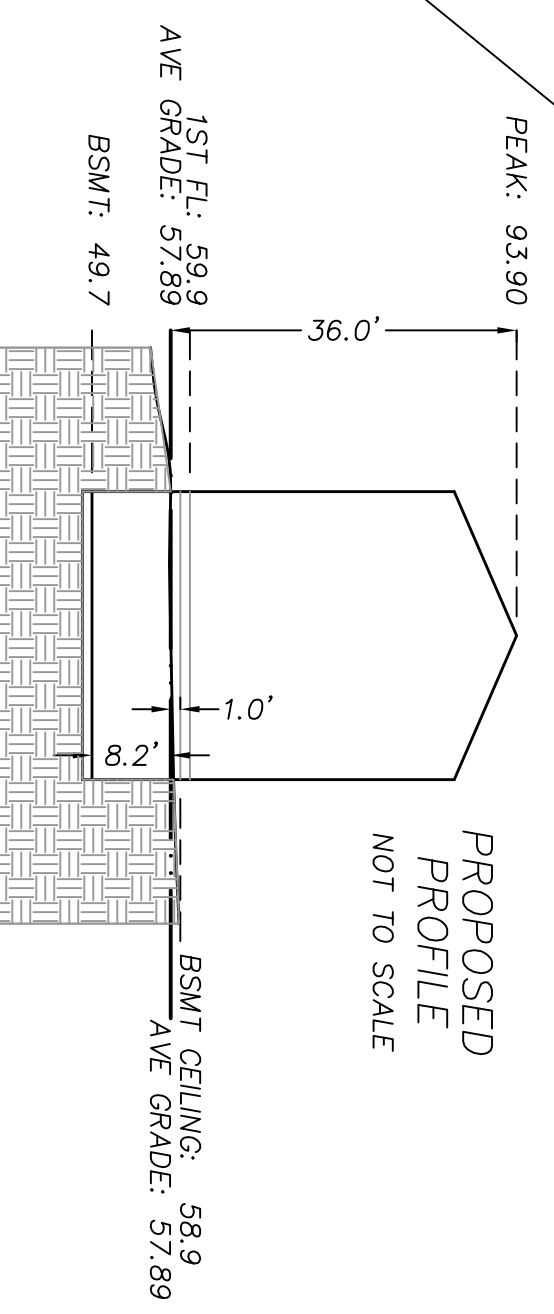
IMPERVIOUS CALCULATIONS:

EXISTING: 28%
 PROPOSED: 52%

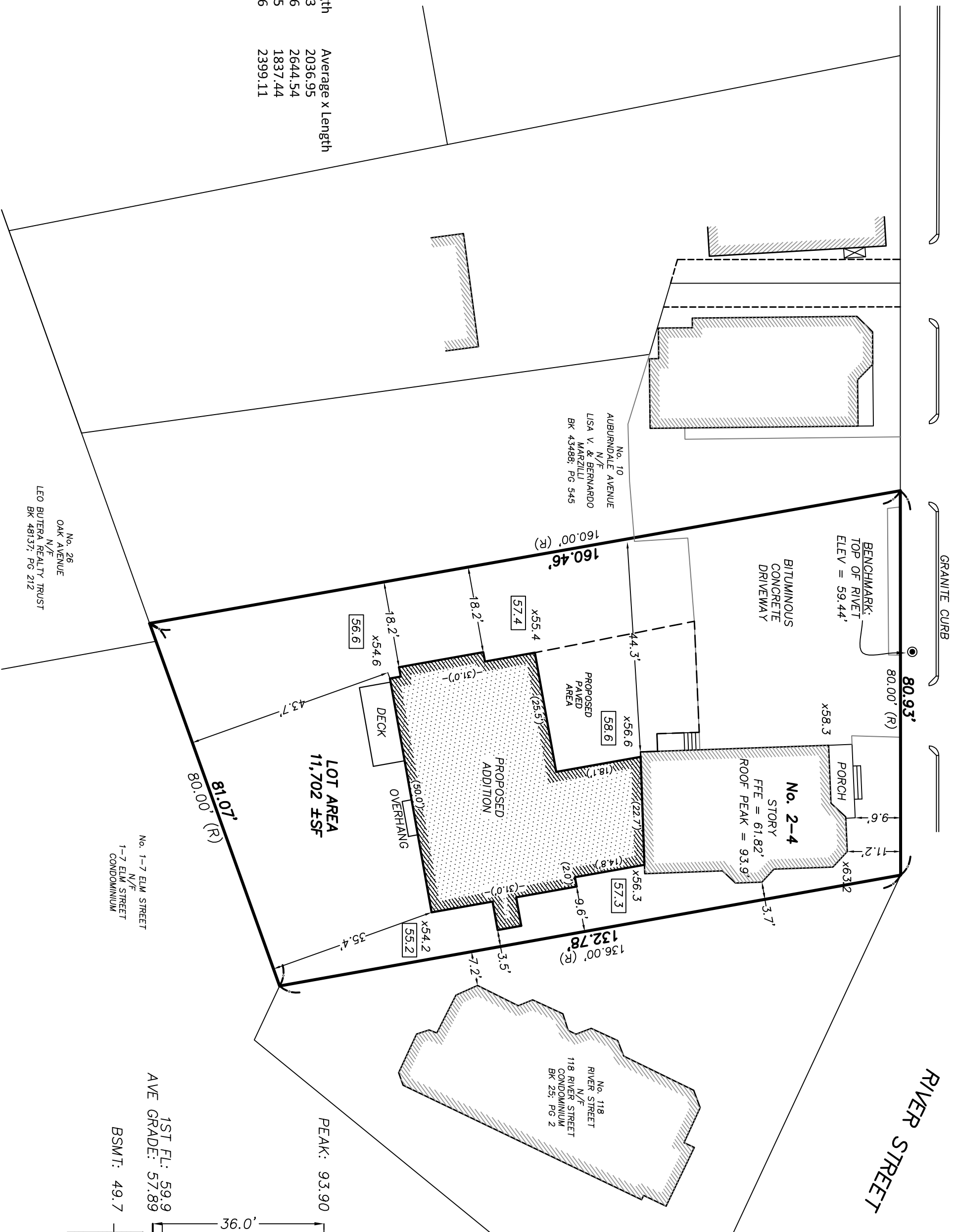
PROPOSED AVERAGE GRADE CALCULATIONS:

| 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 | 55.25 | 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



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



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