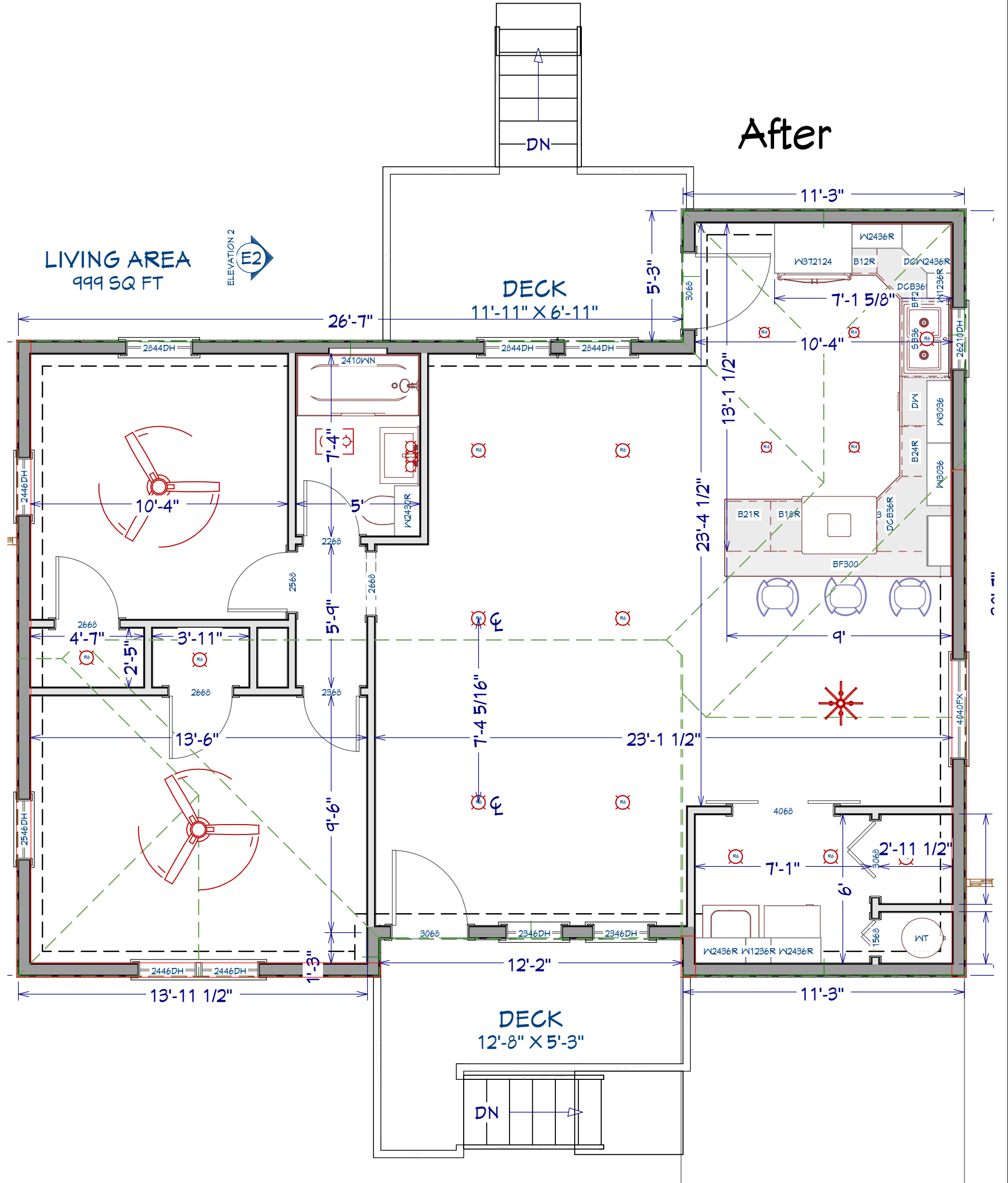


Before



After

454 W. Tonhawa St. Norman, OK 73071  
 Contractor: SH Renovations  
 Owner: Swift Acquisition Partners  
 Contact: Hunter Thompson  
 hunter@shrenovations.org  
 (405)435-1002

NUMBER	DATE	REVISION TABLE	DESCRIPTION

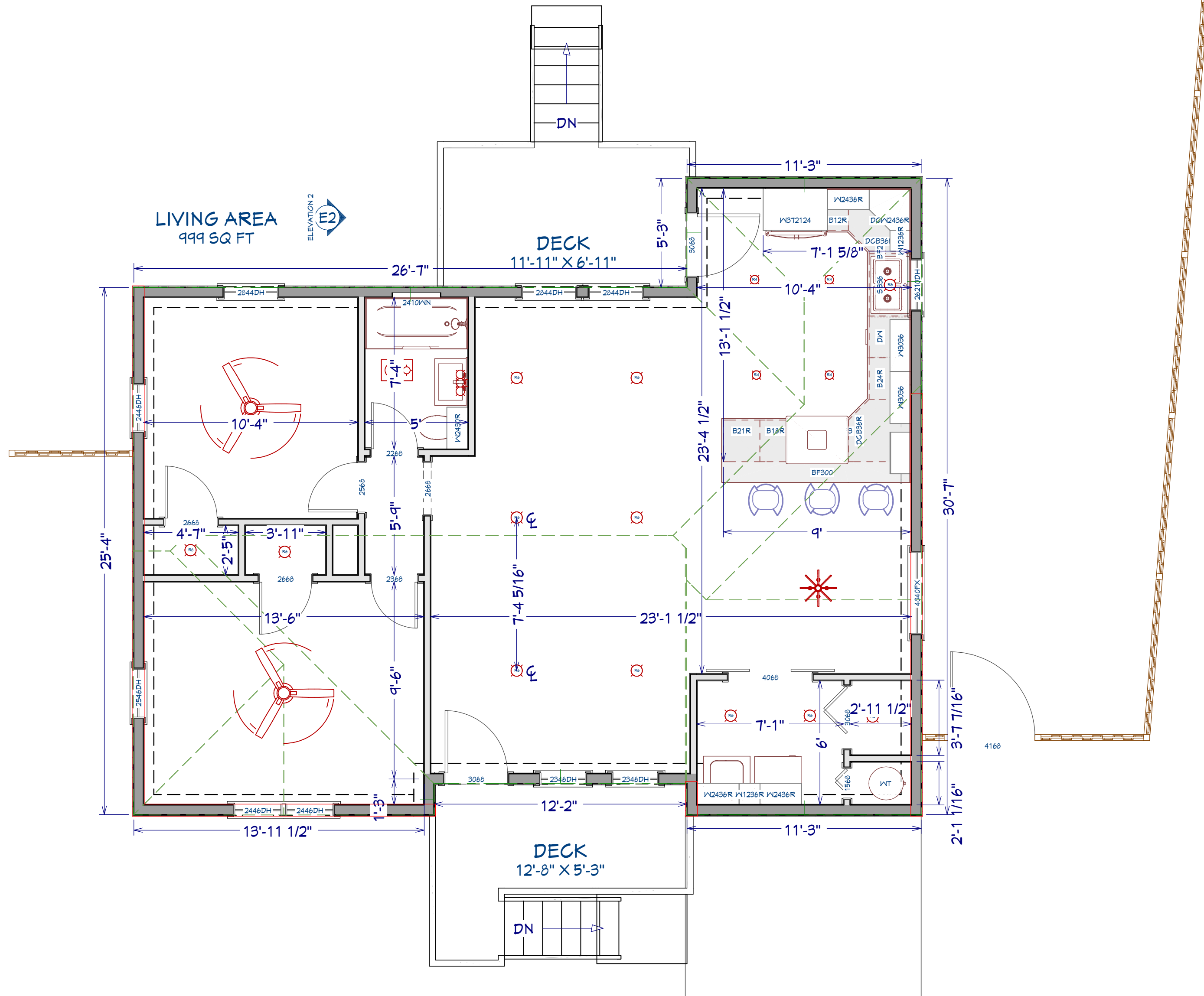
Project Overview

Designs and Graphics  
 Provided by:  
 Hunter Thompson  
 SH Renovations

DATE:  
 10/9/2024

SCALE:

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LIVING AREA  
999 SQ FT

ELEVATION 2  
E2

DECK  
11'-11" X 6'-11"

DECK  
12'-8" X 5'-3"

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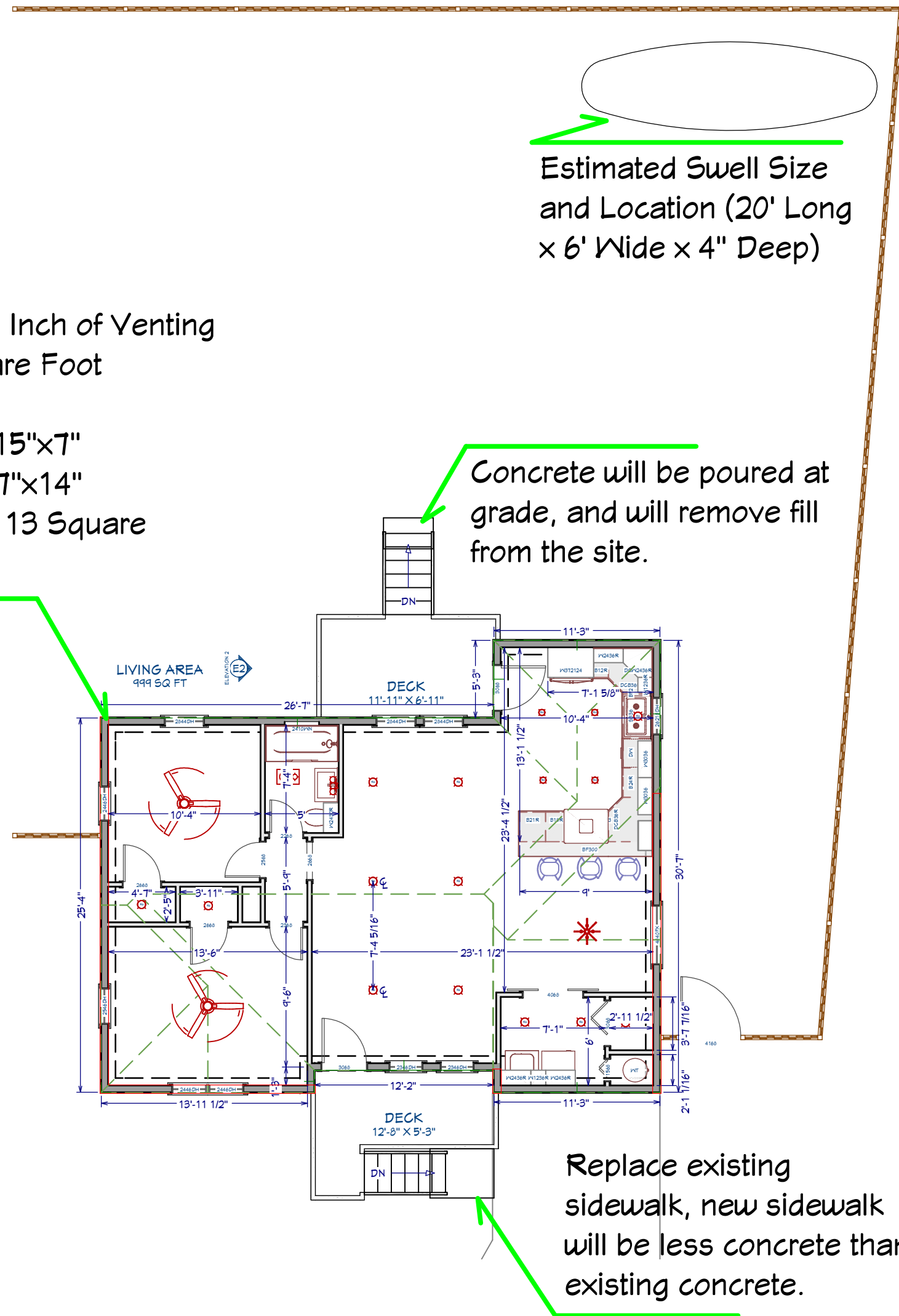
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P-2

1 Square Inch of Venting  
Per Square Foot  
Minimum  
7 vents: 15"x7"  
1 vent: 27"x14"  
Total: 1,113 Square  
Inches



Estimated Swell Size  
and Location (20' Long  
x 6' Wide x 4" Deep)

Concrete will be poured at  
grade, and will remove fill  
from the site.

Replace existing  
sidewalk, new sidewalk  
will be less concrete than  
existing concrete.



Back Alley /Retail



N Lahoma Ave

Existing Fence

Driveway Repoured in  
same footprint and grade.

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P-4

# Base Flood Elevation (BFE) Impact Summary

## Project Information:

- Base Flood Elevation (BFE): 1158 feet
- Lowest Grade Level: 1155.5 feet
- Vertical Distance Impacted Below BFE: 2.5 feet (from lowest grade to BFE)
- Number of Decks: 2

## Volume of Structures Below BFE:

1. Fencing and Posts:
  - Fence Panels (5/8" thick):  
Total Length: 171 linear feet  
Volume Below BFE: 22.27 cubic feet
  - Metal Fence Posts (Schedule 40):  
Number of Posts: 23  
Volume Below BFE: 1.77 cubic feet
2. Stairs and Decking (Two Decks):
  - Stringers: 1.704 cubic feet
  - Newels: 0.8096 cubic feet
  - Decking: 13.392 cubic feet
  - Railing: 0.412 cubic feet

## Grand Total Volume Below BFE:

- Total: 40.36 cubic feet (approximately 1.49 cubic yards)

## Notes:

- This total volume (1.49 cubic yards) represents the amount of fill created by the structural components below the Base Flood Elevation (BFE) across both decks and the fence.
- An equivalent amount of soil will need to be removed from the site to balance the fill volume, ensuring proper drainage and compliance with floodplain regulations.
- Lowest elevation used to ensure calculations account for the maximum amount of fill to be removed or the house to be raised higher than necessary. As a result, the front deck will either match or require less fill/removal than these calculations.

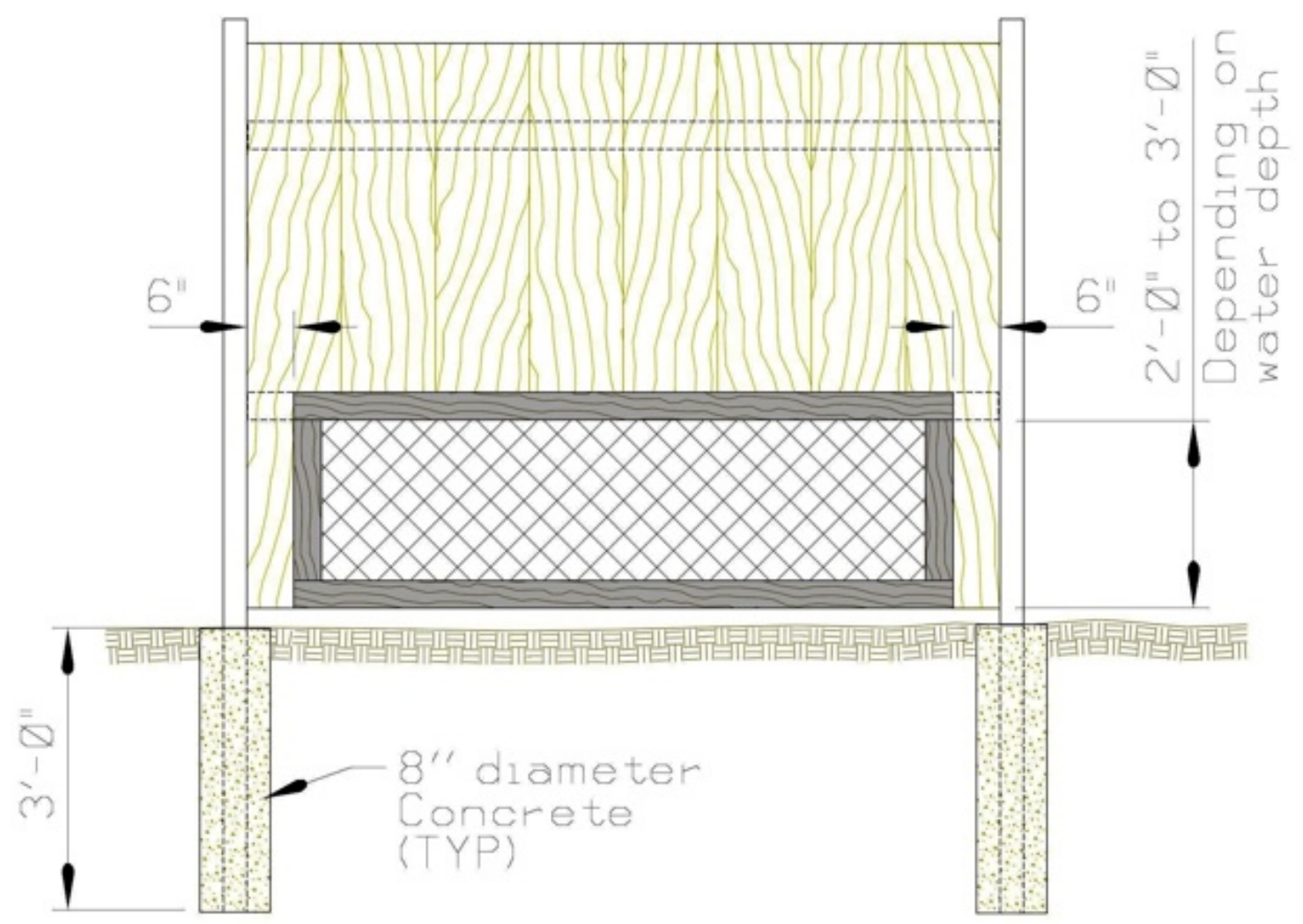
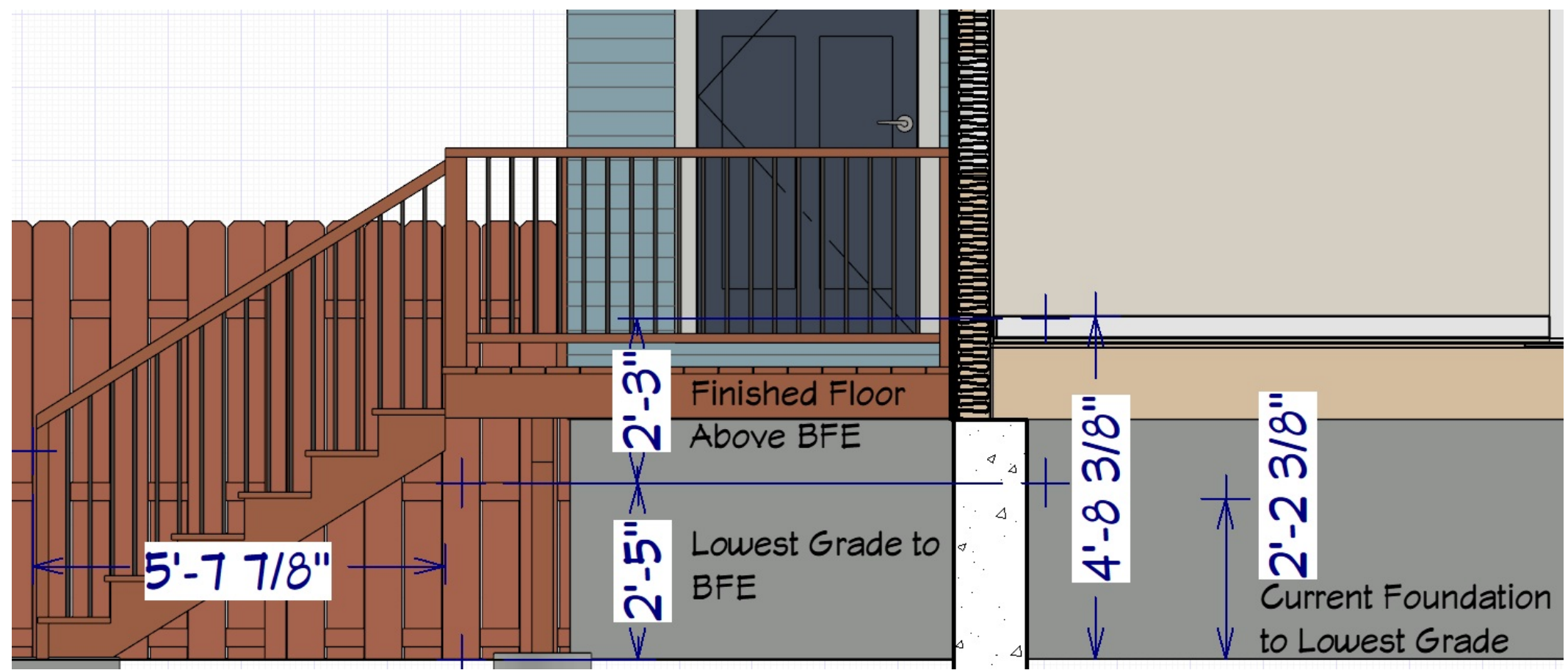


FIGURE A  
WOOD PANEL WITH CHAIN LINK PICTURE FRAME  
(For all water depths less than 3 feet)

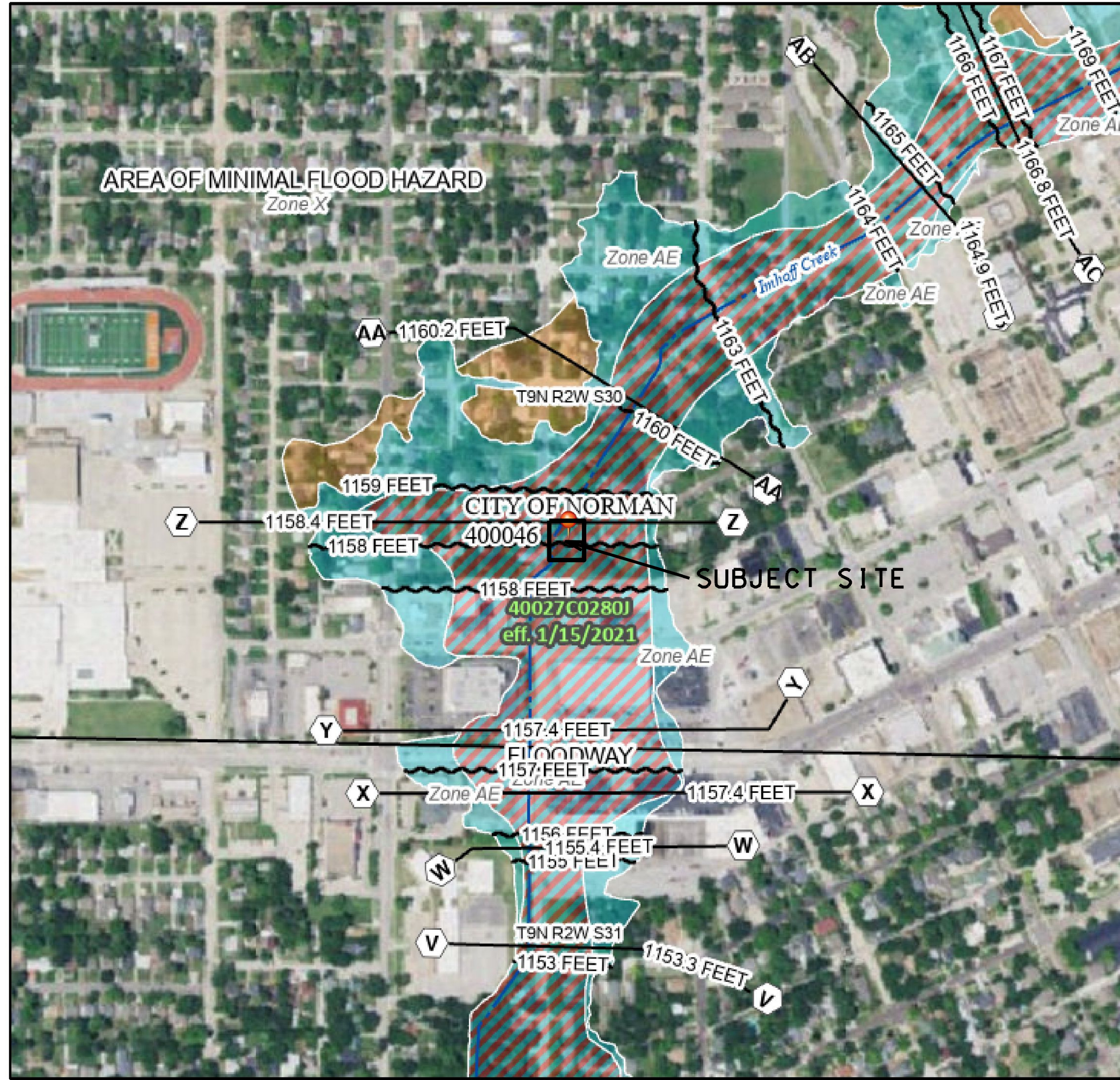


\*\*Lowest elevation used to ensure calculations account for the maximum amount of fill to be removed or the house to be raised higher than necessary. As a result, the front deck will either match or require less fill/removal than these calculations. \*\*

# National Flood Hazard Layer FIRMette



97°27'23"W 35°13'27"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
- Without Base Flood Elevation (BFE)  
Zone A, V, A99
  - With BFE or Depth Zone AE, AO, AH, VE, AR
  - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
  - Future Conditions 1% Annual Chance Flood Hazard Zone X
  - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
  - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
- NO SCREEN Area of Minimal Flood Hazard Zone X
  - Effective LOMRs
  - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
- Channel, Culvert, or Storm Sewer
  - Levee, Dike, or Floodwall
- OTHER FEATURES**
- Cross Sections with 1% Annual Chance Water Surface Elevation
  - Coastal Transect
  - Base Flood Elevation Line (BFE)
  - Limit of Study
  - Jurisdiction Boundary
  - Coastal Transect Baseline
  - Profile Baseline
  - Hydrographic Feature
- MAP PANELS**
- Digital Data Available
  - No Digital Data Available
  - Unmapped

0 250 500 1,000 1,500 2,000 Feet 1:6,000

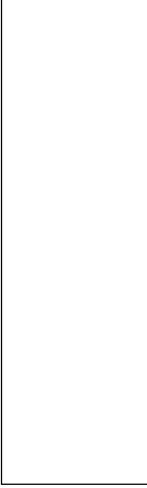
Basemap Imagery Source: USGS National Map 2023

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/30/2024 at 11:00 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

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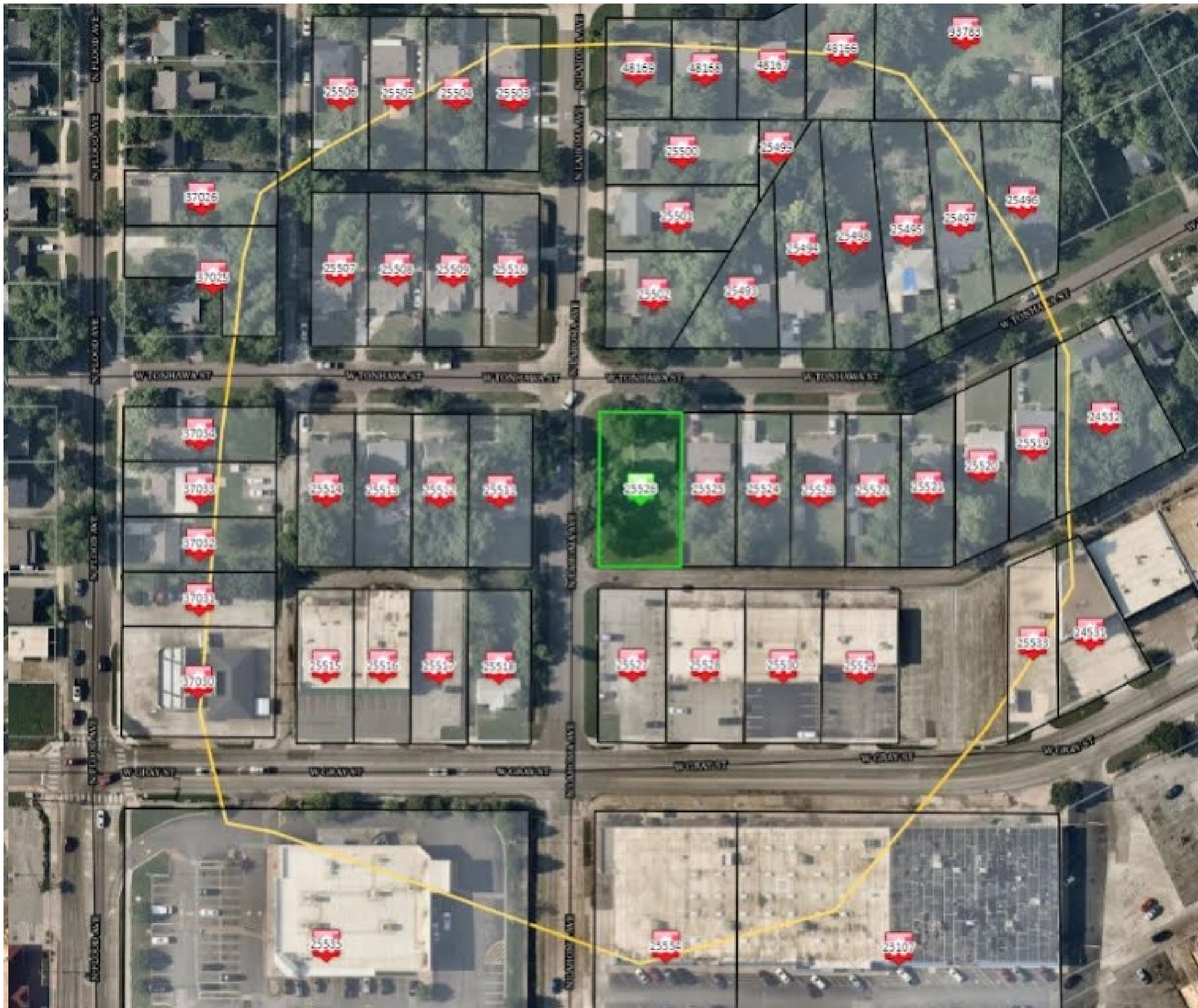
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P-5





**Address  
Radius Map**

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**P-7**

# EXTERIOR PHOTOS



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**P-8**