



2

1.9



2

1.9

4.4



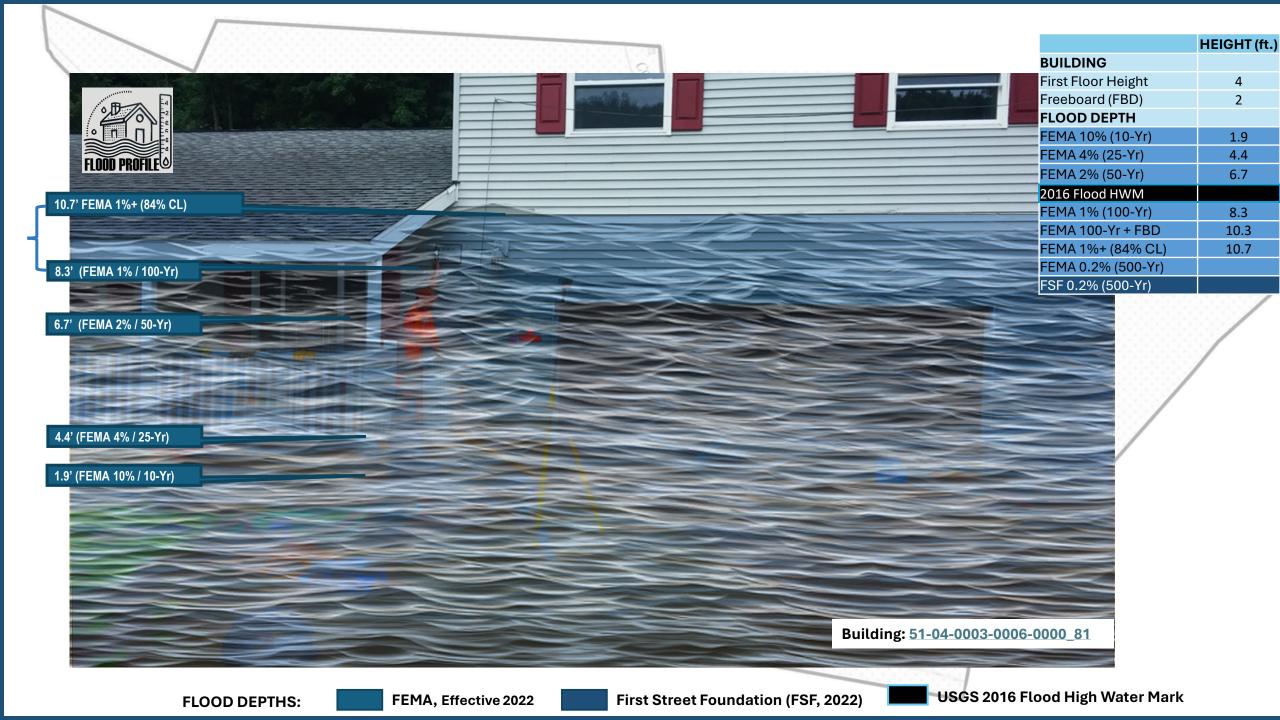


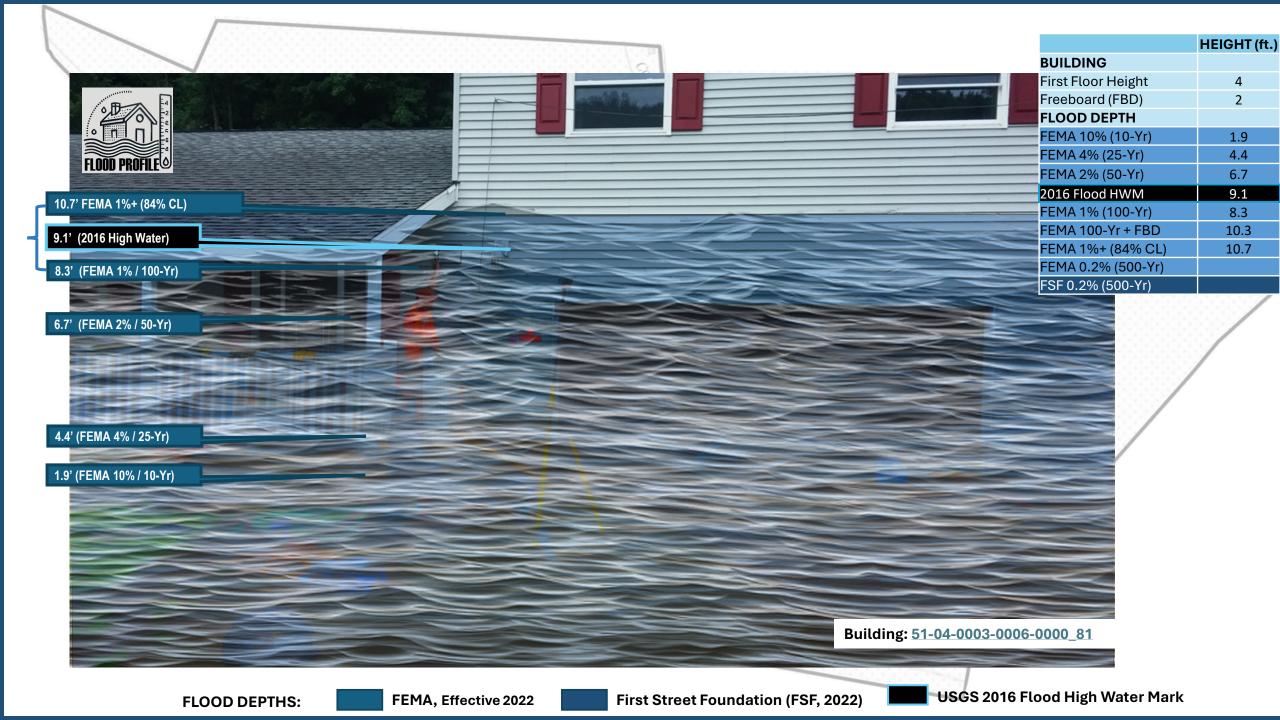
FLOOD DEPTHS:

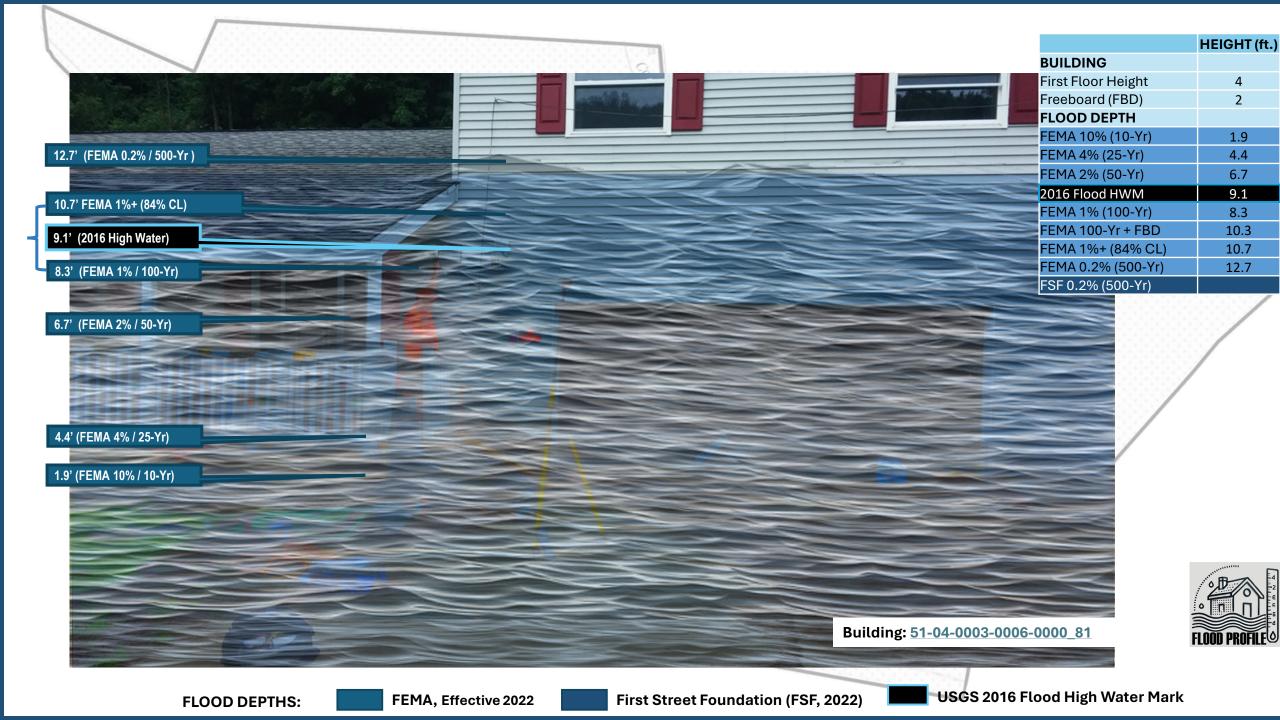
FEMA, Effective 2022

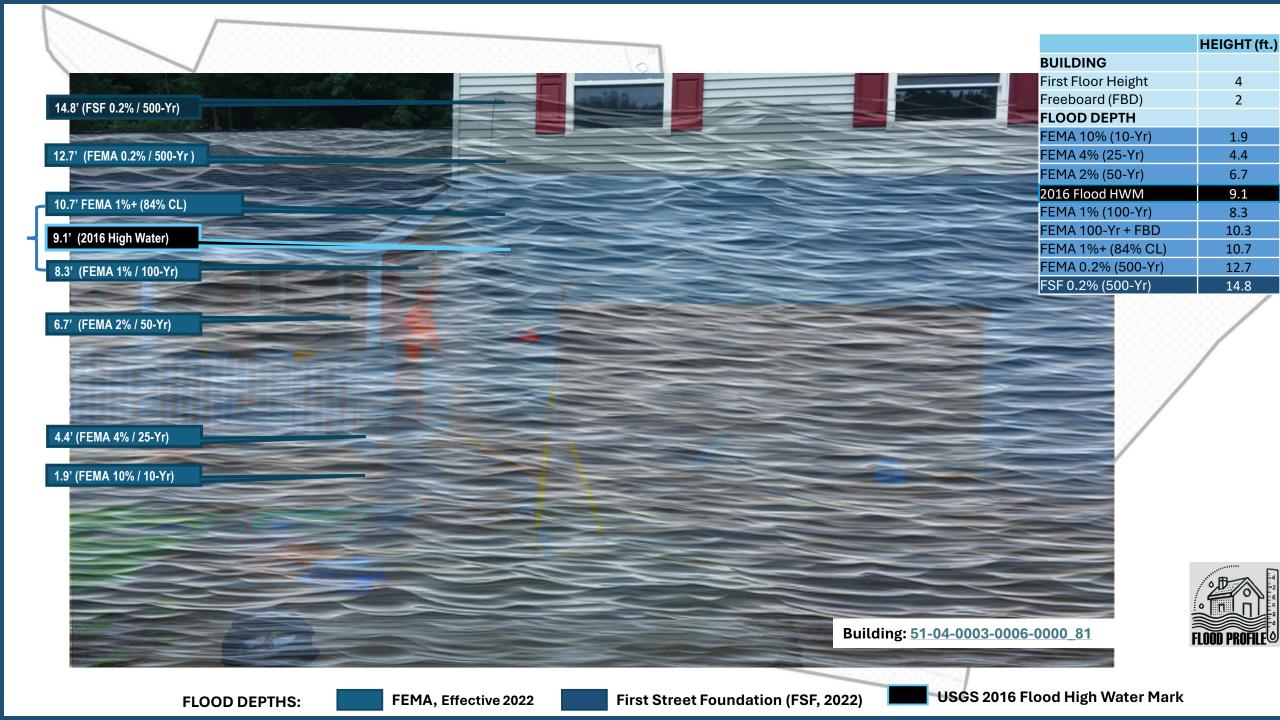
First Street Foundation (FSF, 2022)

USGS 2016 Flood High Water Mark

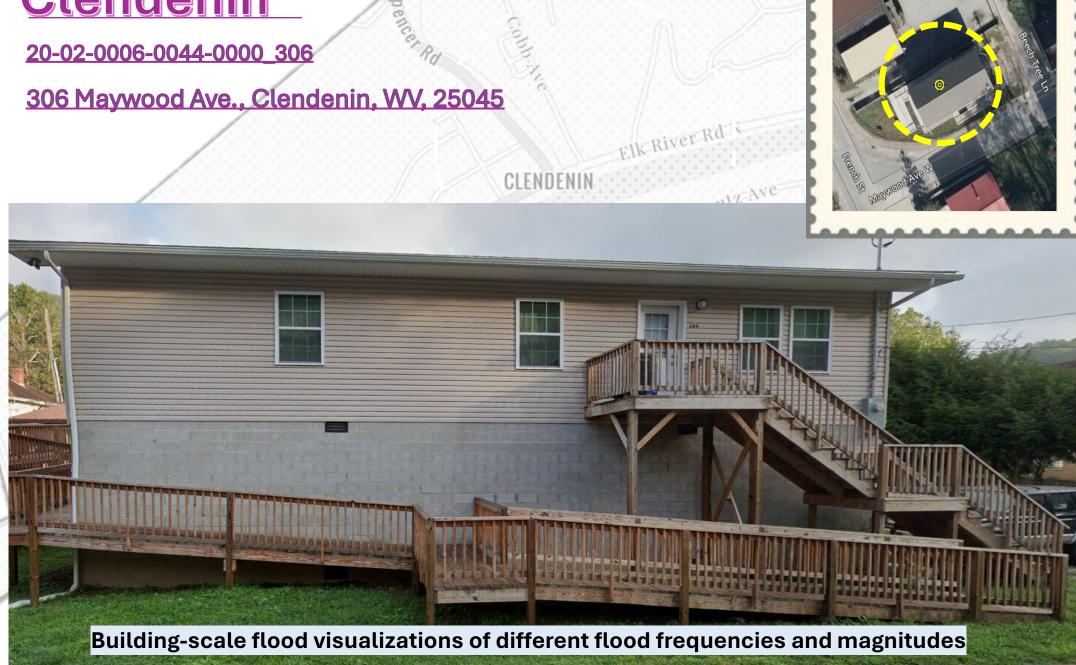








Clendenin





10% Probability of Flood in a year (10-year flood)





4% Probability of Flood in a year (25-year flood)



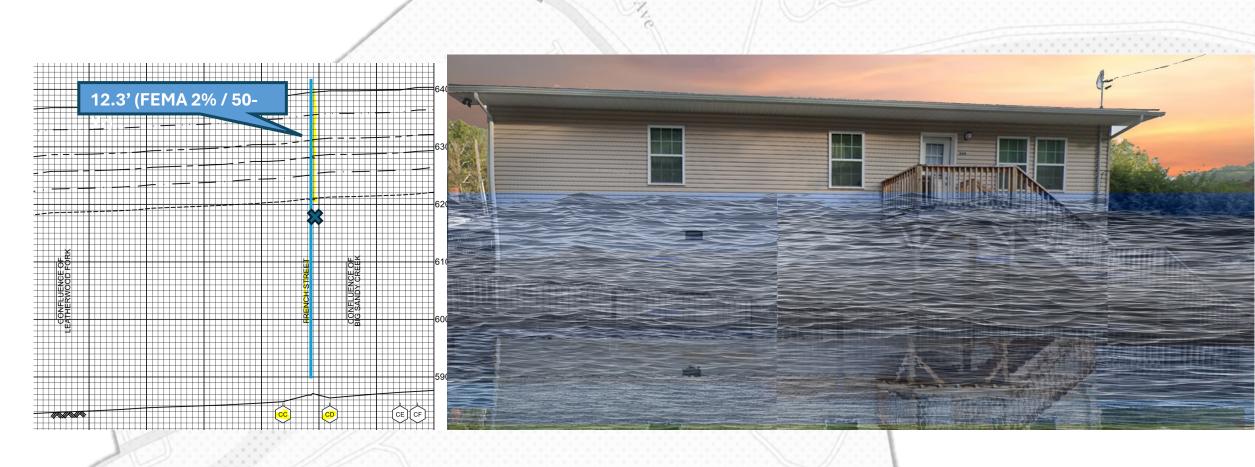


2% Probability of Flood in a year (50-year flood)



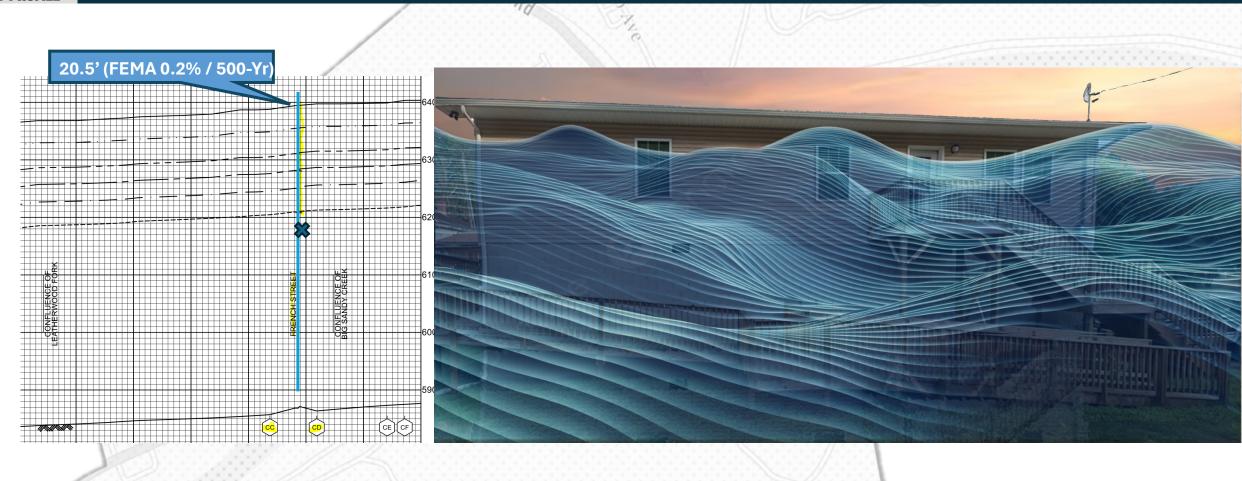


1% Probability of Flood in a year (100-year flood)





0.2% Probability of Flood in a year (500-year flood)

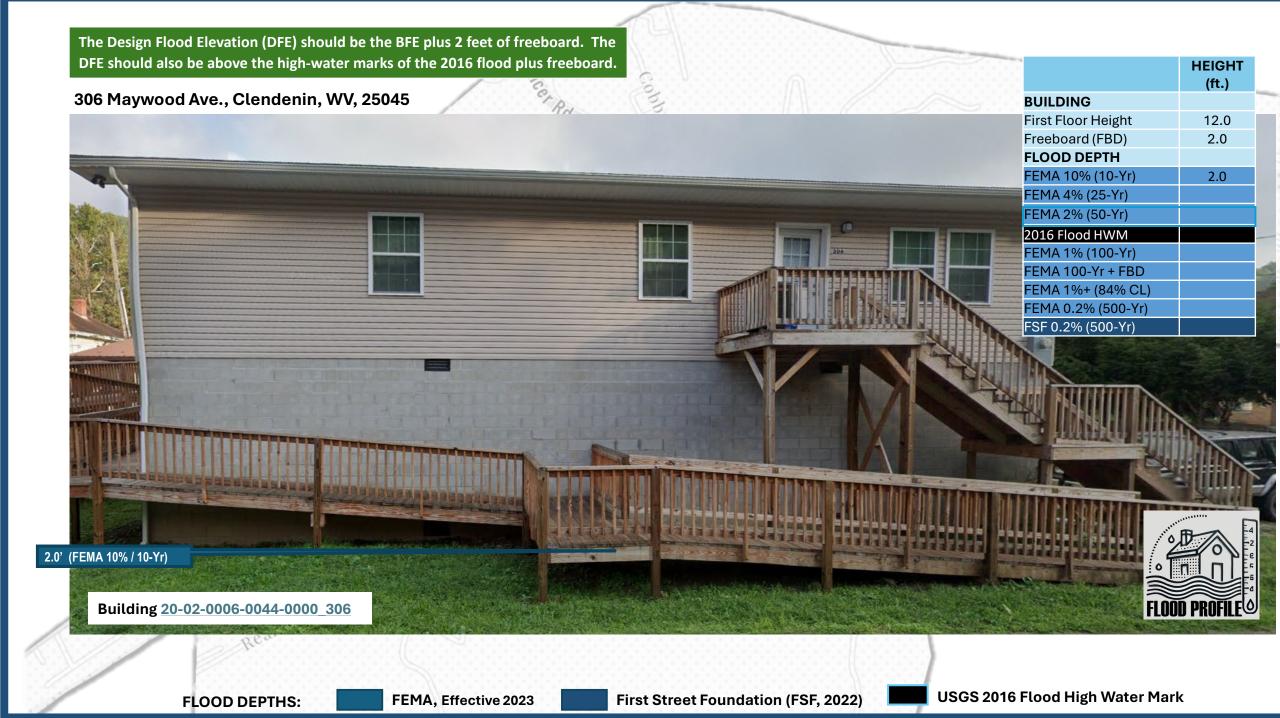


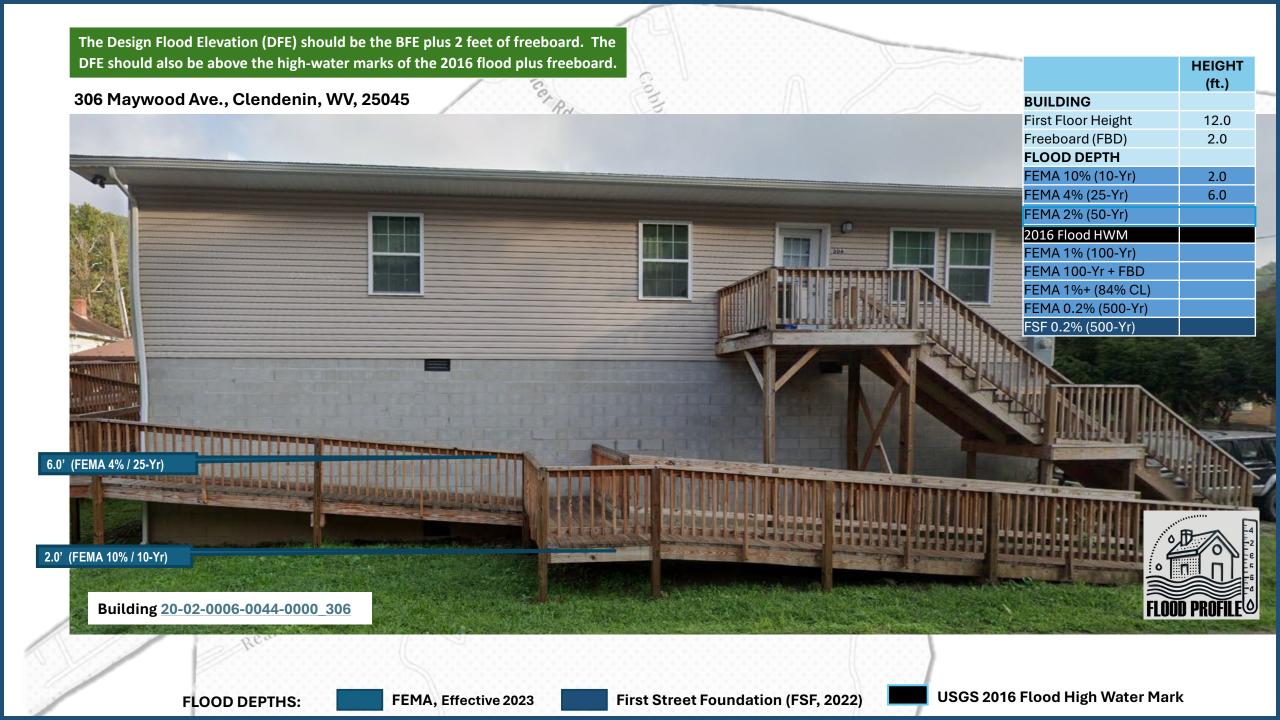


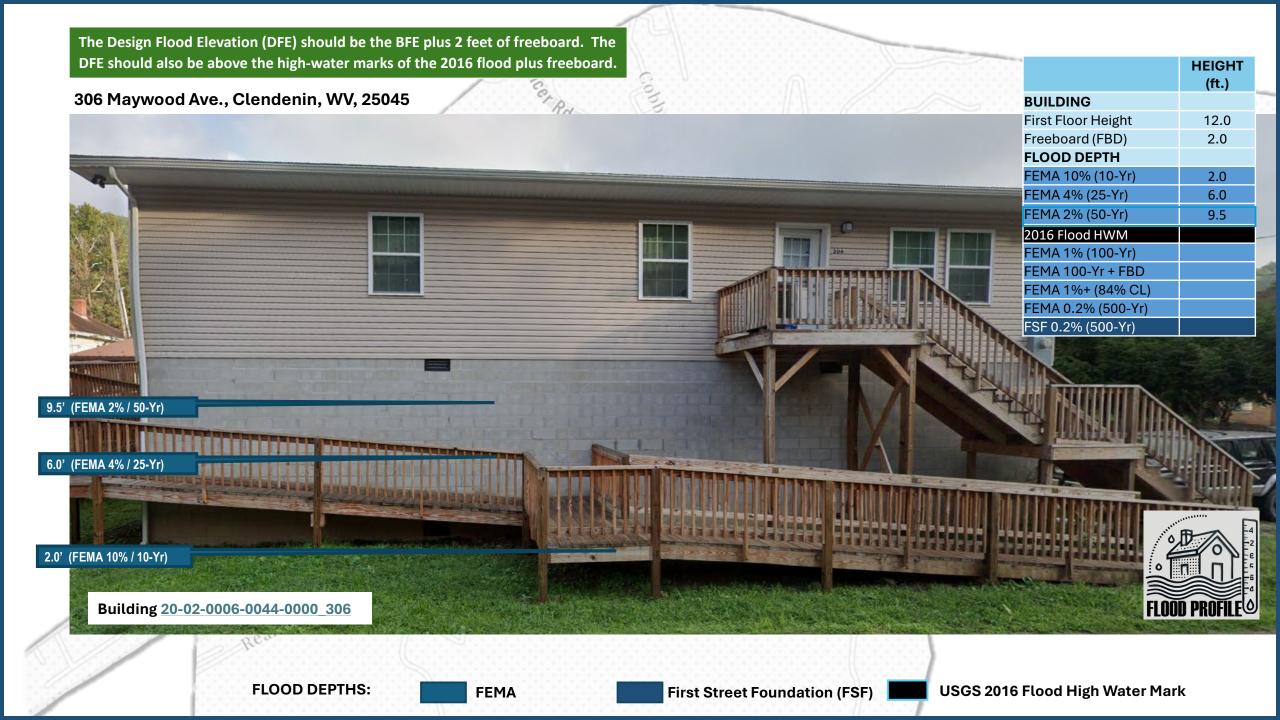
Reamer Rd

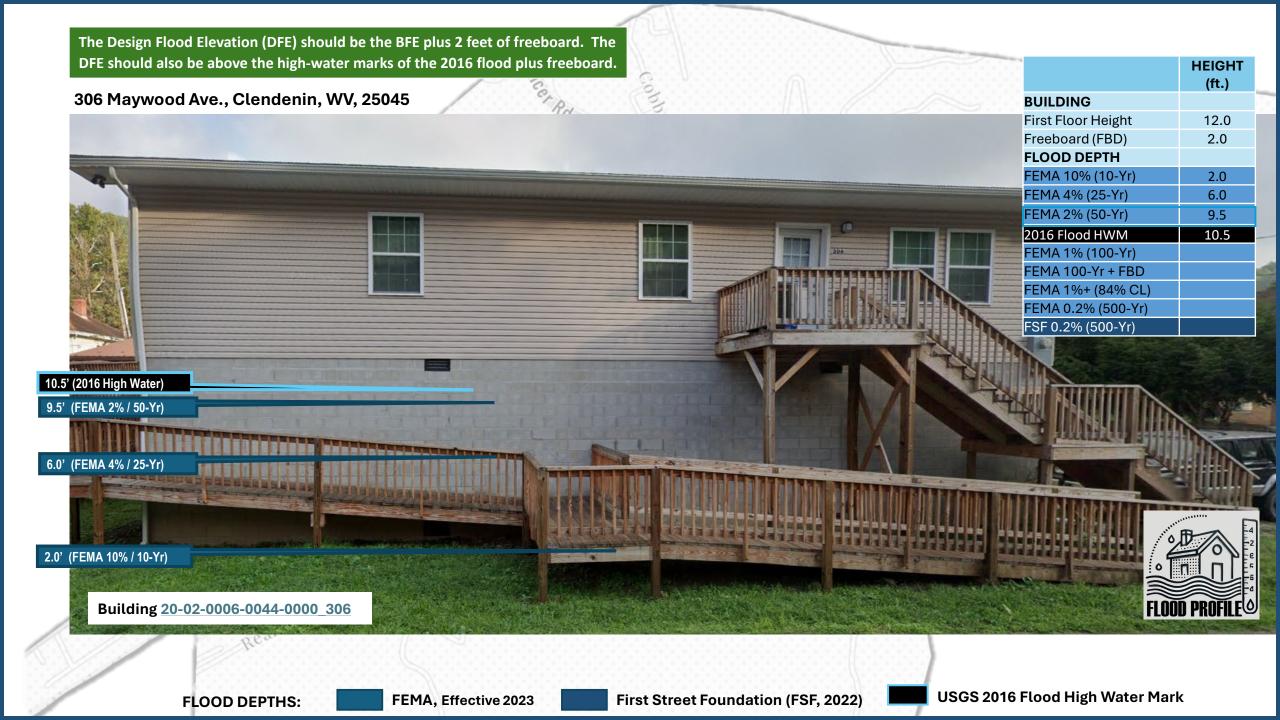
2016 High Watermark

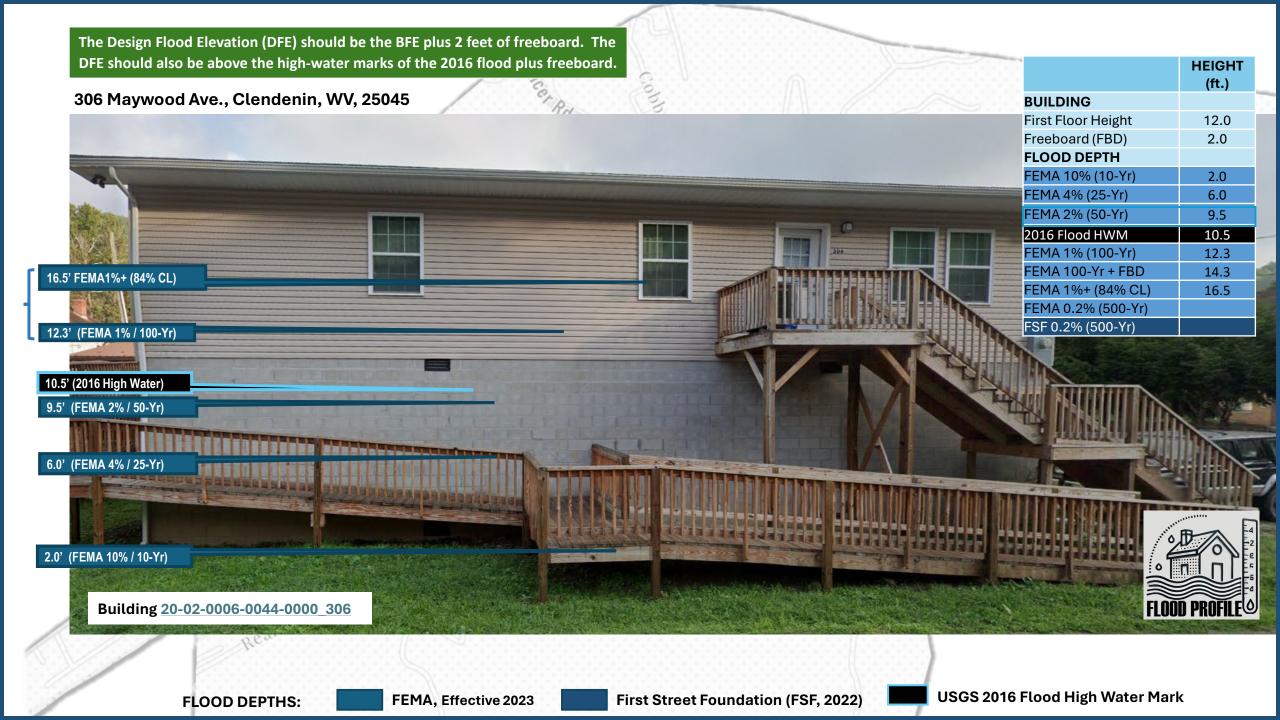


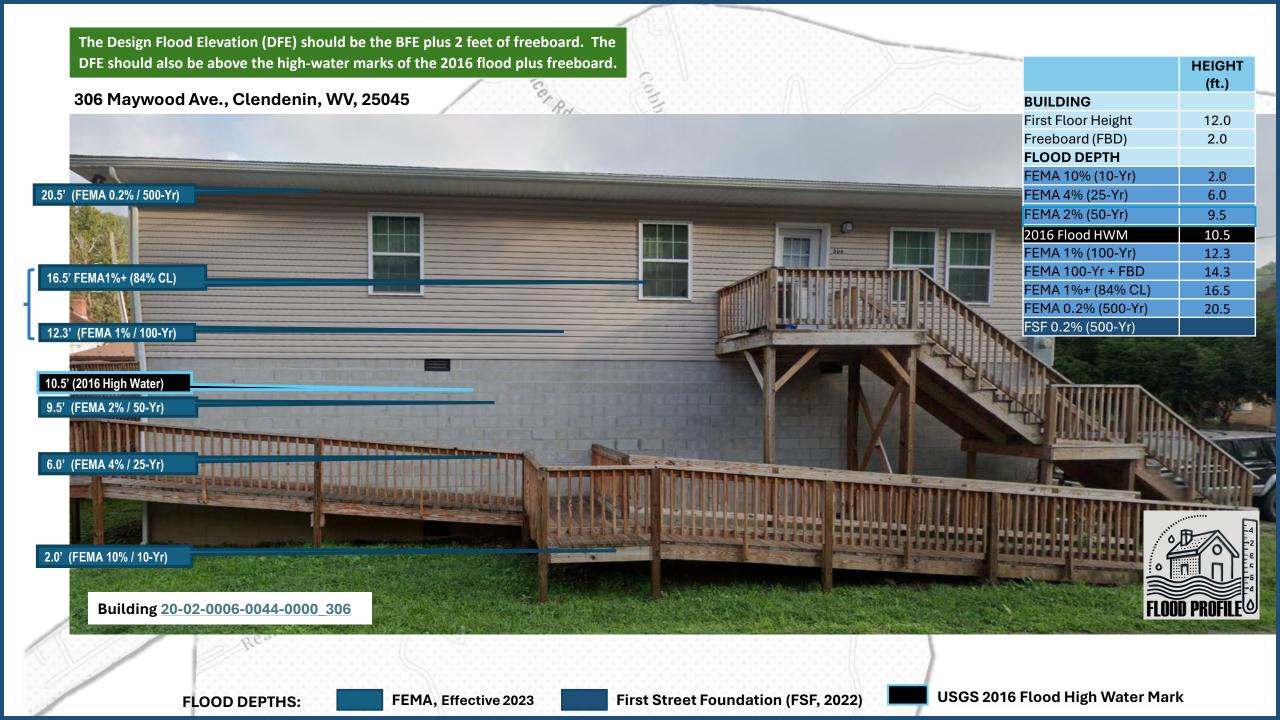


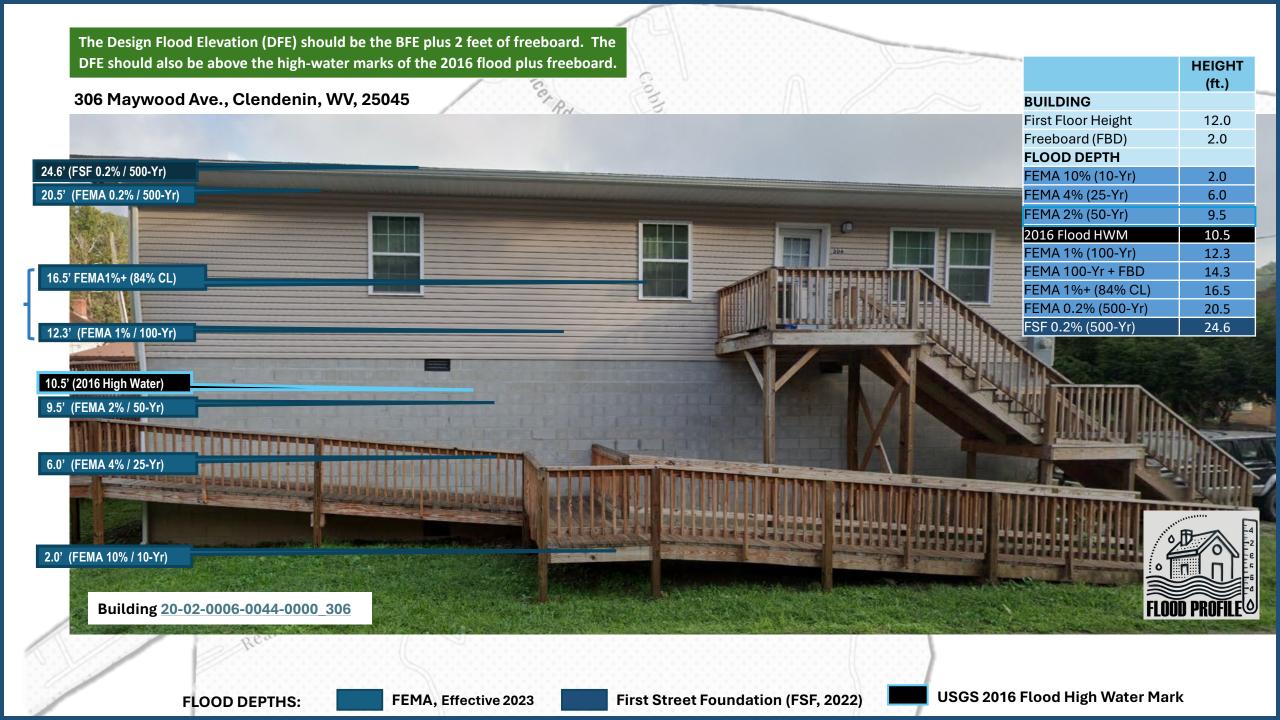








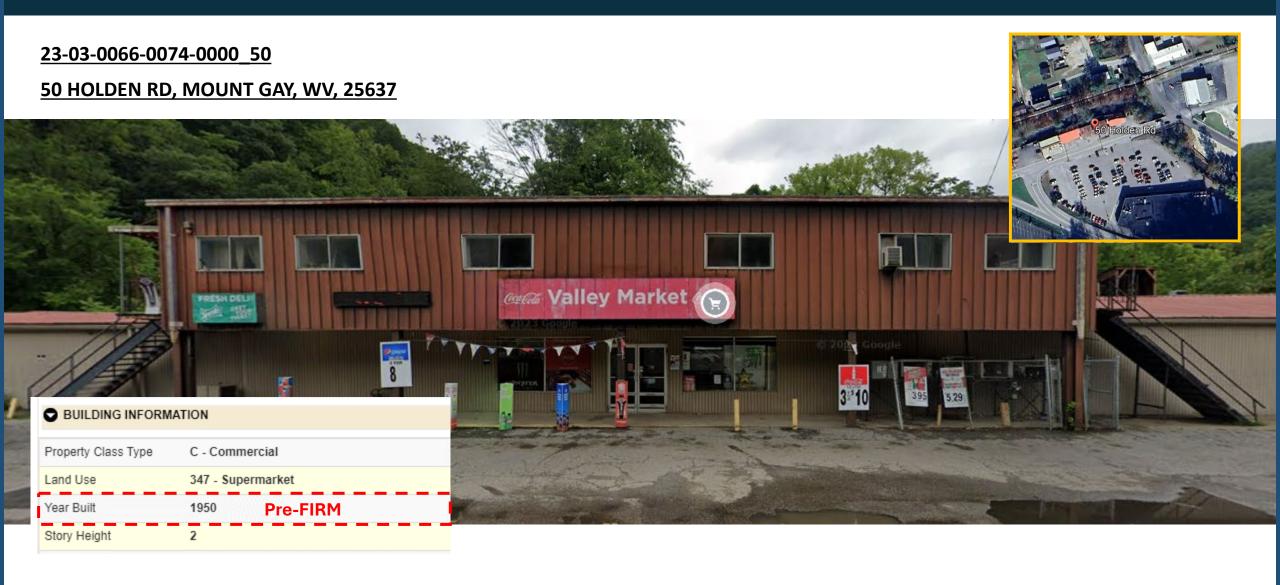




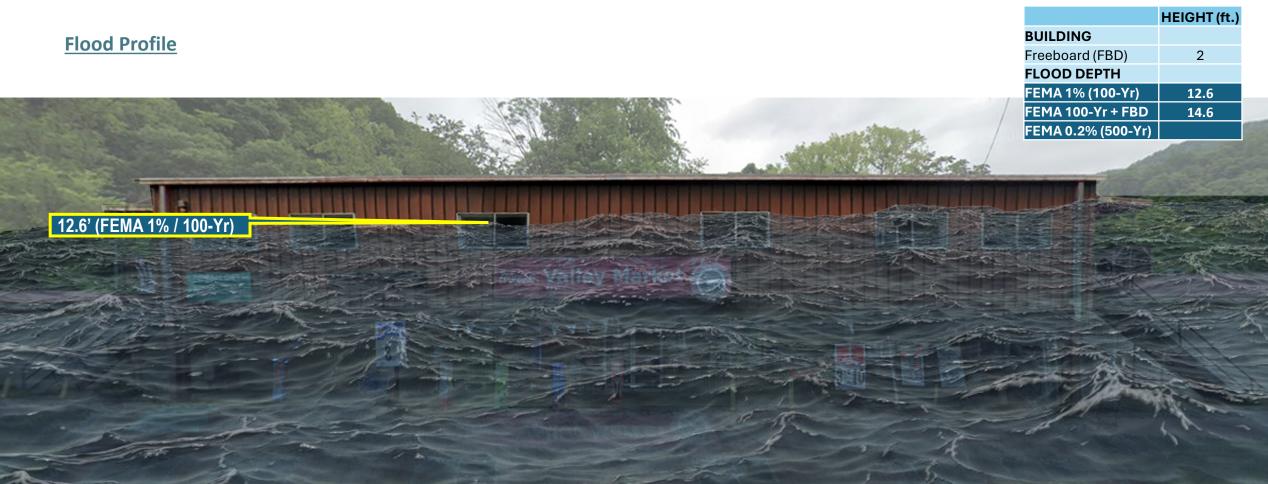
Inundated Area in one-hundred-year flood



Building General Identification



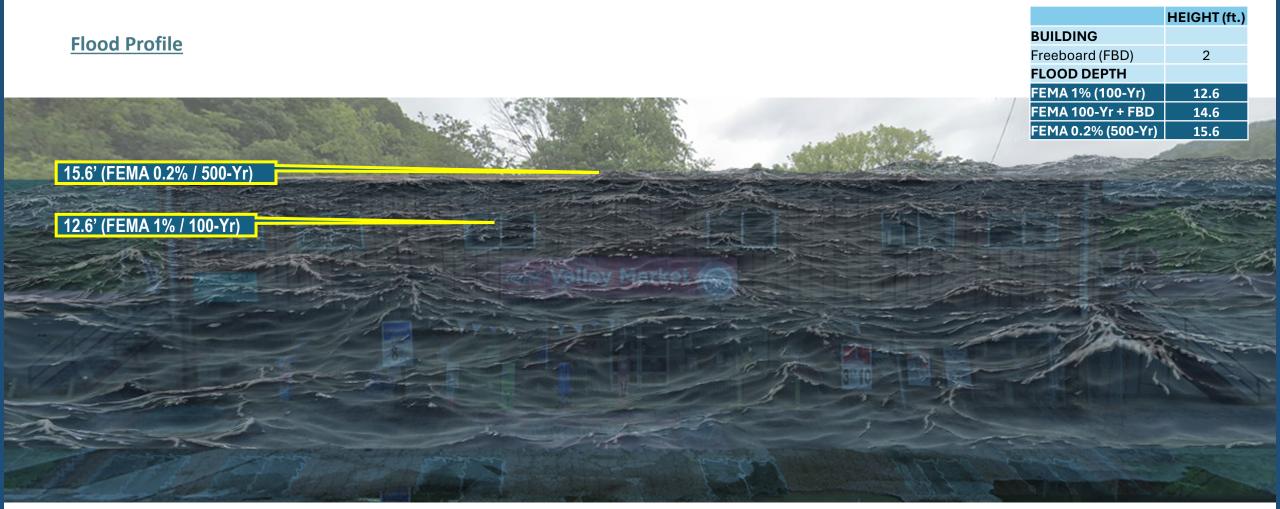




FLOOD DEPTHS:

FEMA, Effective 2008





FLOOD DEPTHS:

FEMA, Effective 2008

Inundated Area in one-hundred-year flood



Building General Identification

23-03-0029-0029-0000 3456

3456 JERRY WEST HWY TRLR, ROSSMORE, WV, 25636





Flood Profile

	HEIGHT (ft.)
BUILDING	
Freeboard (FBD)	2
FLOOD DEPTH	
FEMA 1% (100-Yr)	7.2
FEMA 100-Yr + FBD	9.2
FEMA 0.2% (500-Yr)	



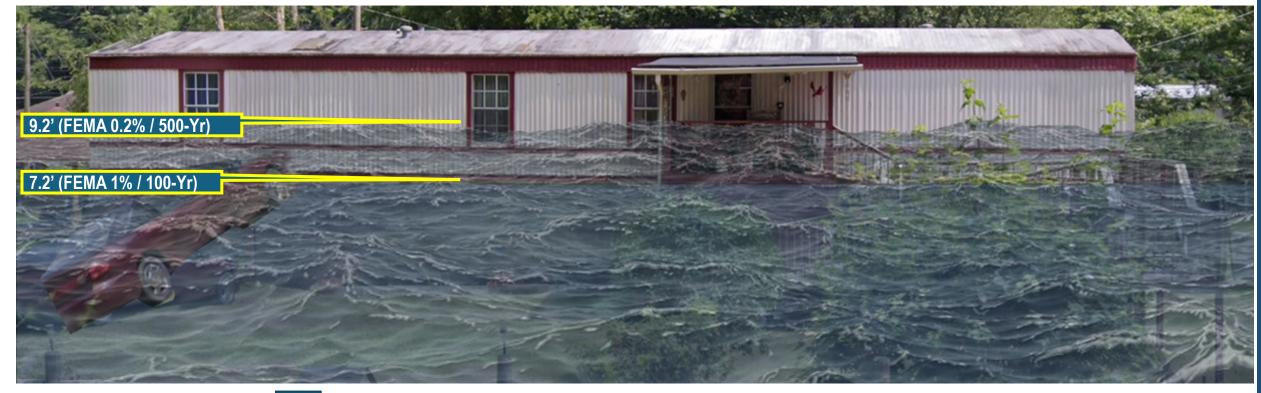
FLOOD DEPTHS:

FEMA, Effective 2008



Flood Profile

	HEIGHT (ft.)
BUILDING	
Freeboard (FBD)	2
FLOOD DEPTH	
FEMA 1% (100-Yr)	7.2
FEMA 100-Yr + FBD	9.2
FEMA 0.2% (500-Yr)	9.2



FLOOD DEPTHS:

FEMA, Effective 2008

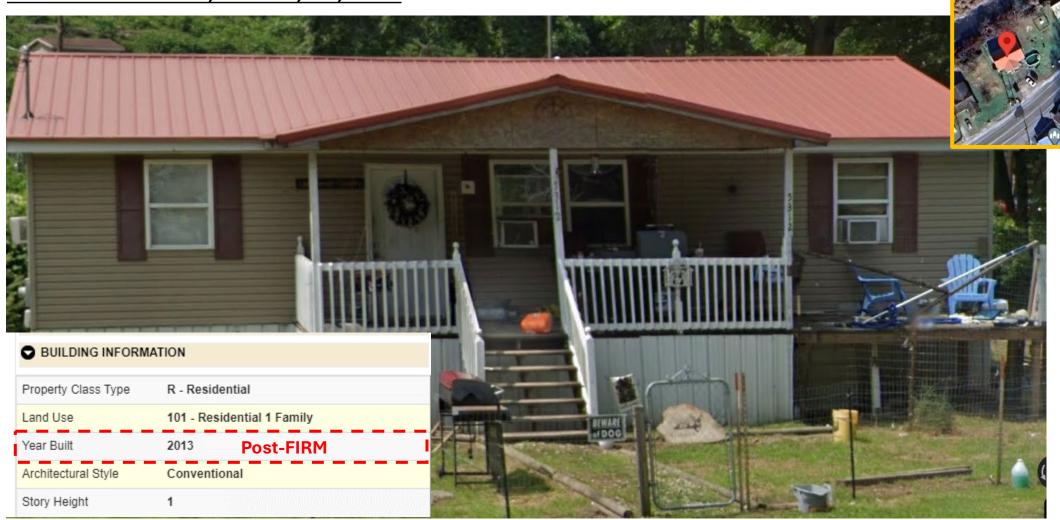
Inundated Area in one-hundred-year flood



Building General Identification

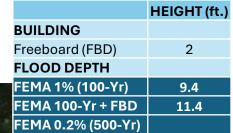
23-03-0048-0113-0000 5312

5312 JERRY WEST HWY, SWITZER, WV, 25647





Flood Profile





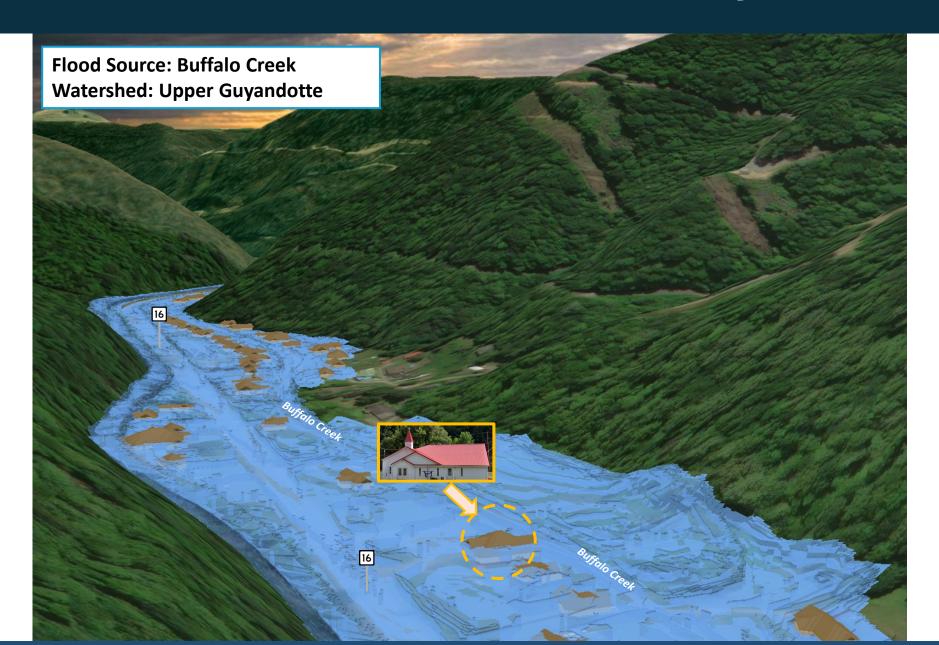


Flood Profile

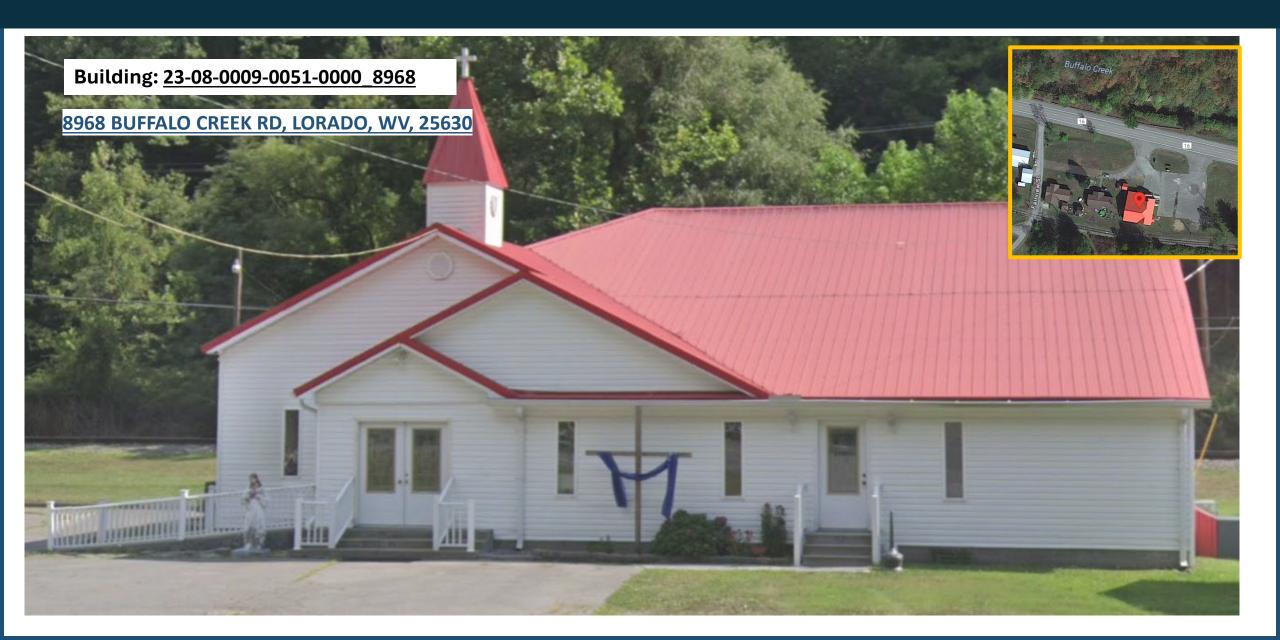
HEIGHT (ft.)
BUILDING
Freeboard (FBD) 2
FLOOD DEPTH
FEMA 1% (100-Yr) 9.4
FEMA 100-Yr + FBD 11.4
FEMA 0.2% (500-Yr) 12.7



Inundated Area in one-hundred-year flood



Building General Identification





Flood Profile



FLOOD DEPTHS:

FEMA, Effective 2008



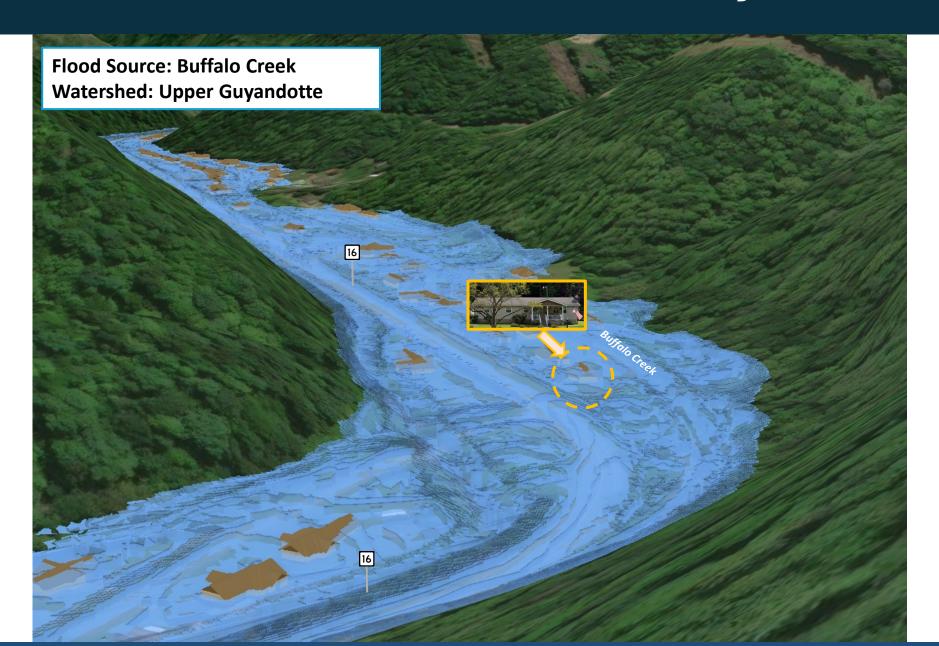
Flood Profile



FLOOD DEPTHS:

FEMA, Effective 2008

Inundated Area in one-hundred-year flood



Building General Identification

Building: 23-08-0009-0028-0000_8758

8758 BUFFALO CREEK RD, LORADO, WV, 25630





Flood Profile

Flood Profile

	HEIGHT (ft.)			
BUILDING				
Freeboard (FBD)	2			
FLOOD DEPTH				
FEMA 1% (100-Yr)	13.9			
FEMA 100-Yr + FBD	15.9			
FEMA 0.2% (500-Yr)				



FLOOD DEPTHS:

FEMA, Effective 2008



Flood Profile

Flood Profile

	HEIGHT (ft.)			
BUILDING				
Freeboard (FBD)	2			
FLOOD DEPTH				
FEMA 1% (100-Yr)	13.9			
FEMA 100-Yr + FBD	15.9			
FEMA 0.2% (500-Yr)	16.7			



FLOOD DEPTHS:

FEMA, Effective 2008

Marlinton

BROWNSBURG

Ideally, the Design Flood Elevation (DFE) should be the BFE plus 2 feet of freeboard. The DFE should also be above the high-water marks of the 1985 flood plus freeboard.

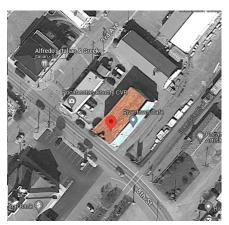
Flood Intervals	Height (ft.)	Source			
FEMA 10% / 10-Yr	0.4	Flood Profile (Effective 2010)			
FEMA 2% / 50-yr	2.7	Flood Profile (Effective 2010)			
FEMA 1% / 100-yr	3.6	Flood Profile (Effective 2010)			
FEMA 100-yr + 2.0 Ft. Freeboard	5.6	Design flood elevation (DFE)			
(DFE)					
High Water Mark (1985 Flood)	7.0	Picture			
FEMA Draft NFHL 100-yr	4.8	WV Flood Tool (Draft 2023)			
FEMA 500-yr	8.8	WV Flood Tool (Draft 2023)			
FSF 500-yr	9.4	FSF Flood Depth (2022)			



1985 Flood High Water Mark

Building: 38-08-0003-0023-0000

1900 Commercial Structure



309 8th St, Marlinton, WV, 24954

9.4' (FSF 0.2% / 500-Yr)

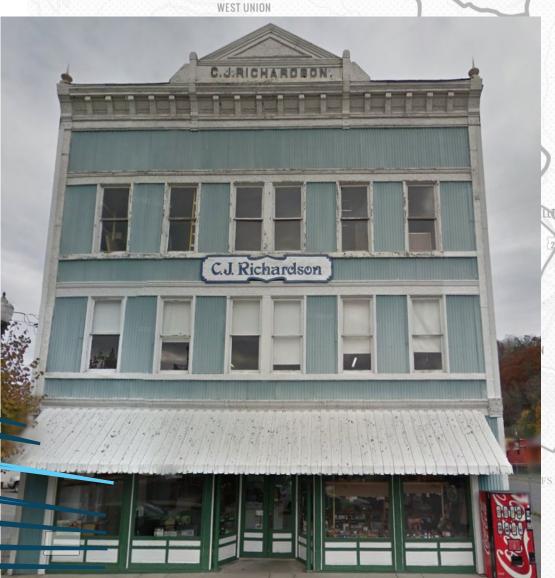
8.8' (FEMA DRAFT NFHL 0.2% /500-Yr)

7' (1985 High Water Mark)

4.8' (FEMA DRAFT NFHL 1% / 100-Yr)

2.7' (FEMA 2% / 50-Yr)

0.4' (FEMA 10% / 10-Yr)



FLOOD DEPTHS:

FEMA Effective (2010)

FEMA Draft NFHL (2023)

First Street Foundation (FSF, 2022)

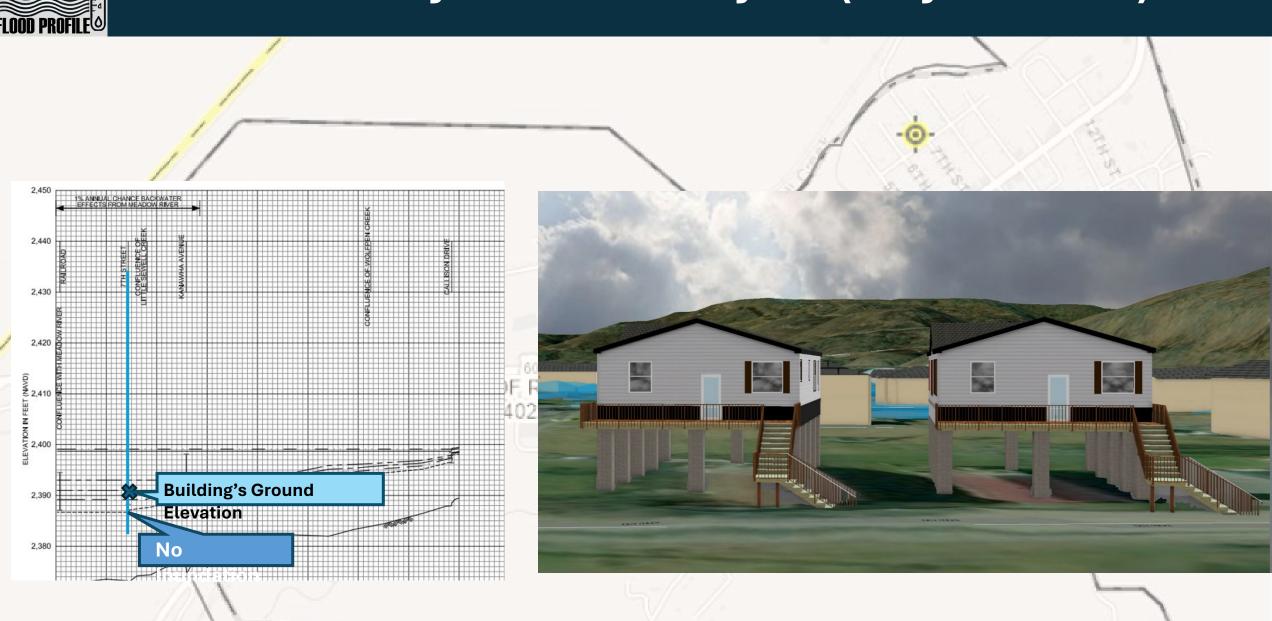
1985 Flood High Water Mark

Flood Profile Building



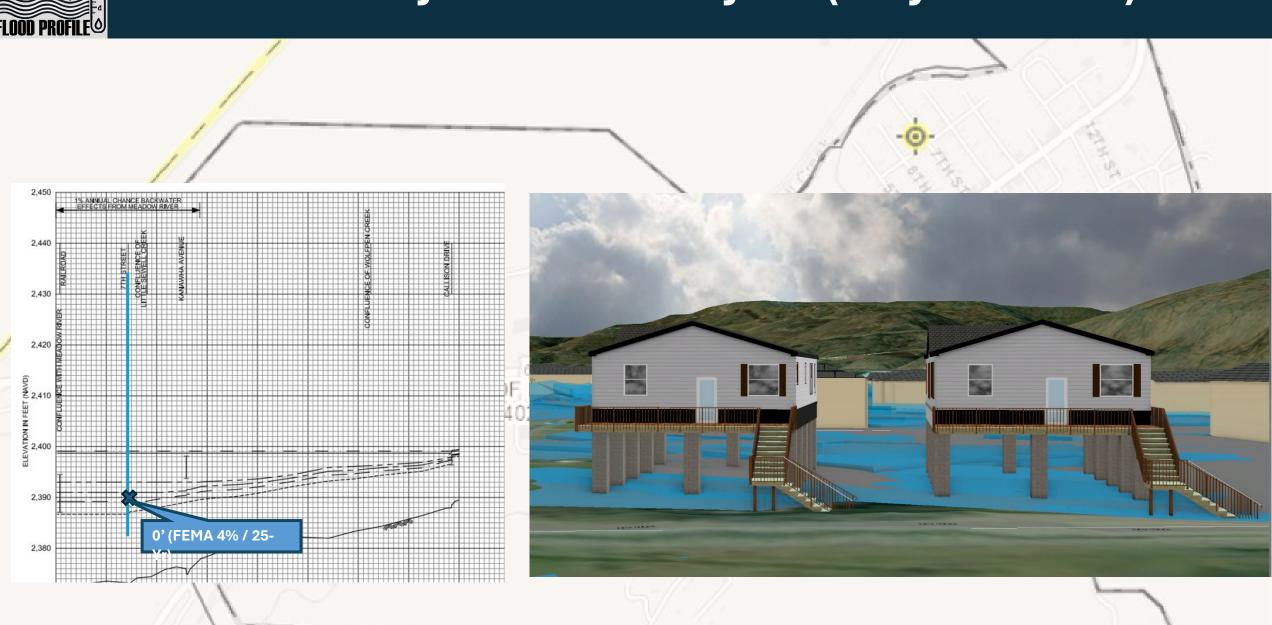


10% Probability of Flood in a year (10-year flood)



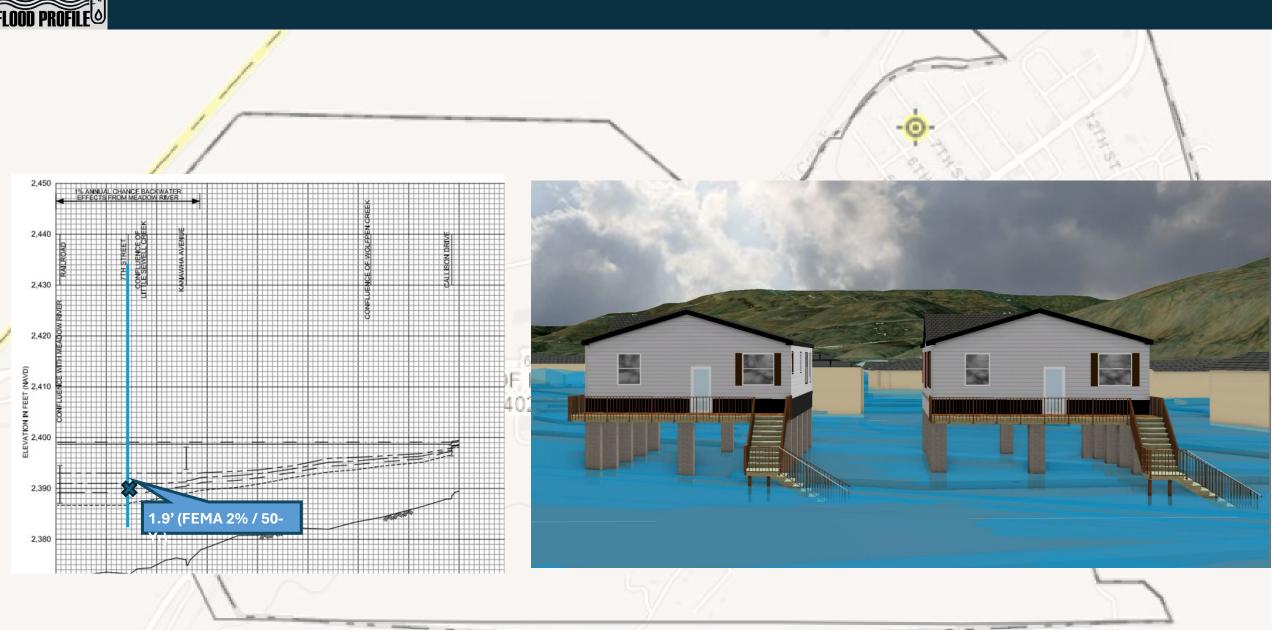


4% Probability of Flood in a year (25-year flood)



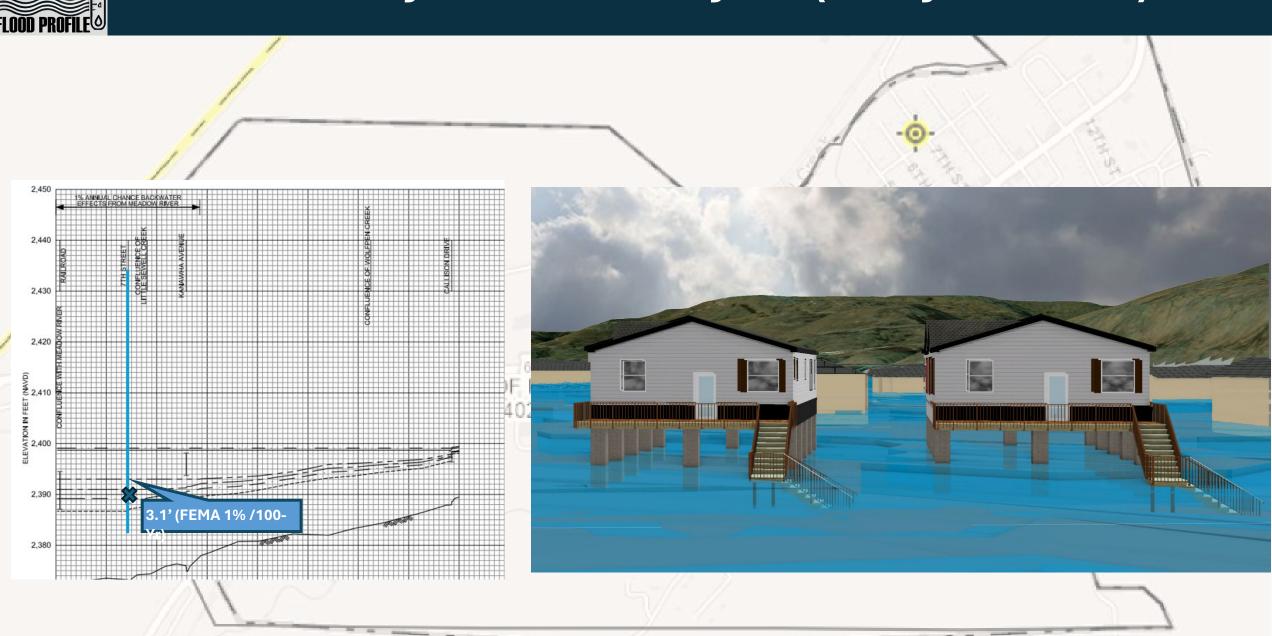


2% Probability of Flood in a year (50-year flood)



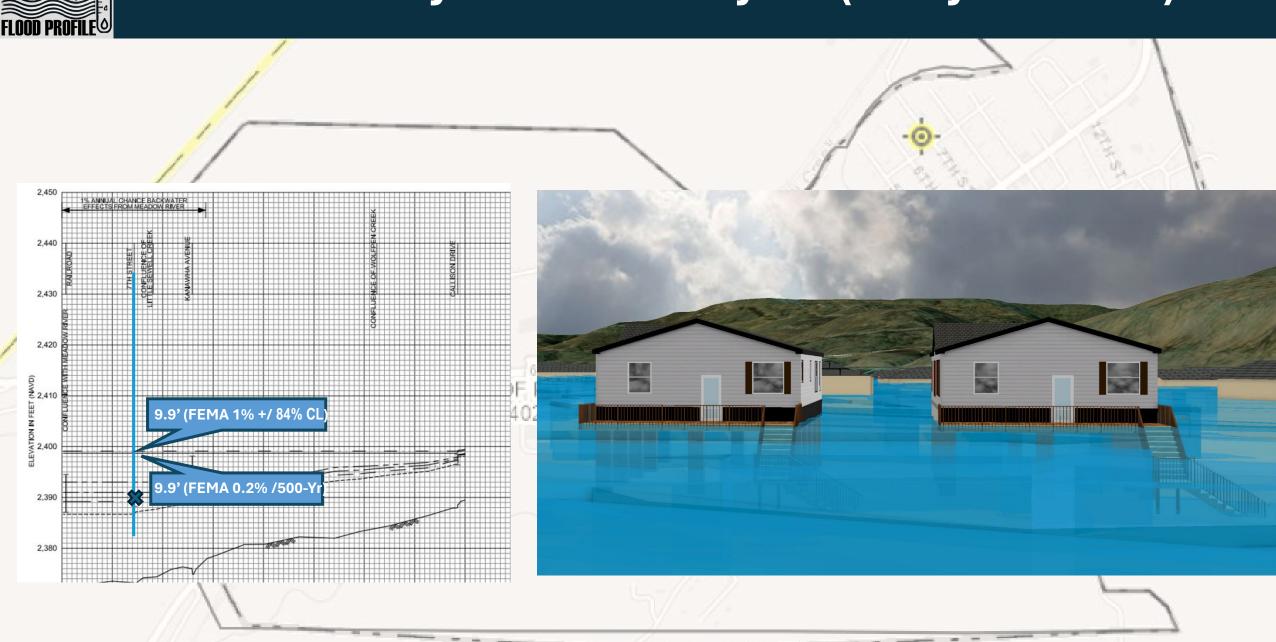


1% Probability of Flood in a year (100-year flood)



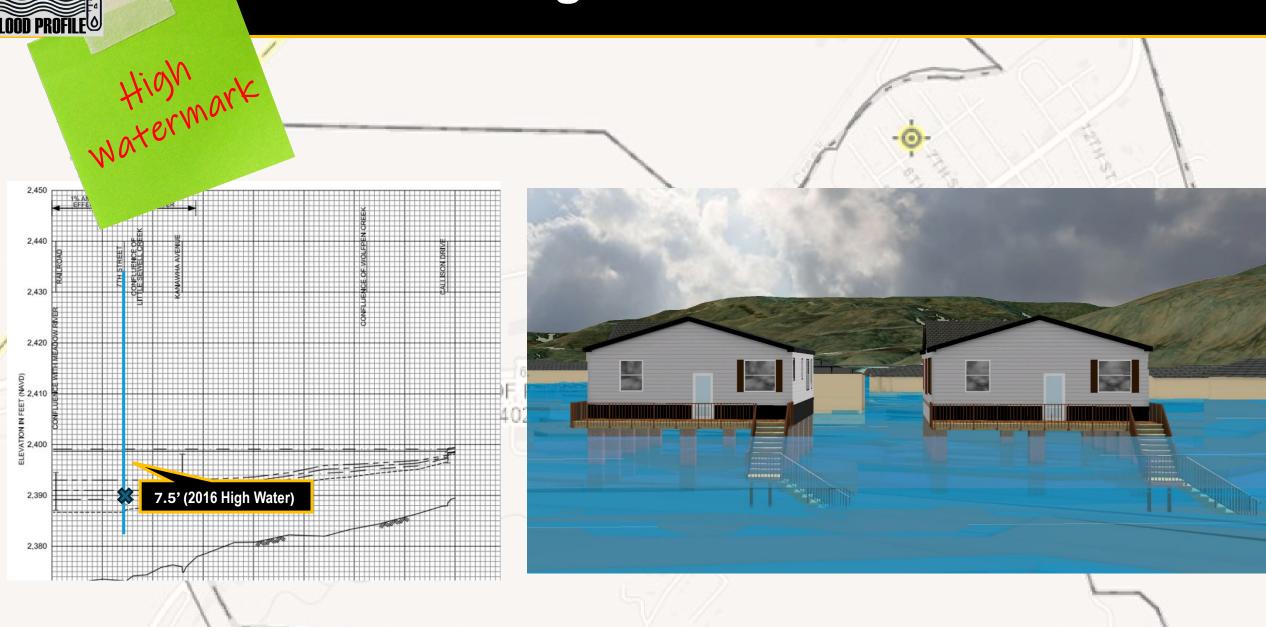


1.2% Probability of Flood in a year (500-year flood)





2016 High Watermark





FEMA, Effective 2023



First Street Foundation (FSF, 2022)





FEMA, Effective 2023



First Street Foundation (FSF, 2022)





FEMA, Effective 2023



First Street Foundation (FSF, 2022)





FEMA, Effective 2023



First Street Foundation (FSF, 2022)





FEMA, Effective 2023



First Street Foundation (FSF, 2022)





FEMA, Effective 2023



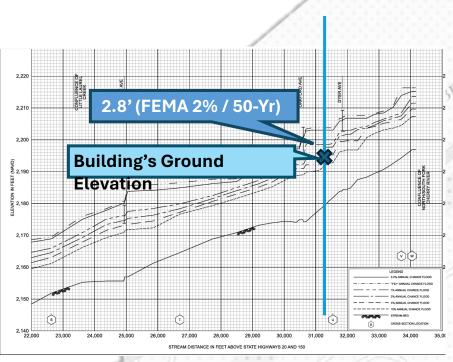
First Street Foundation (FSF, 2022)



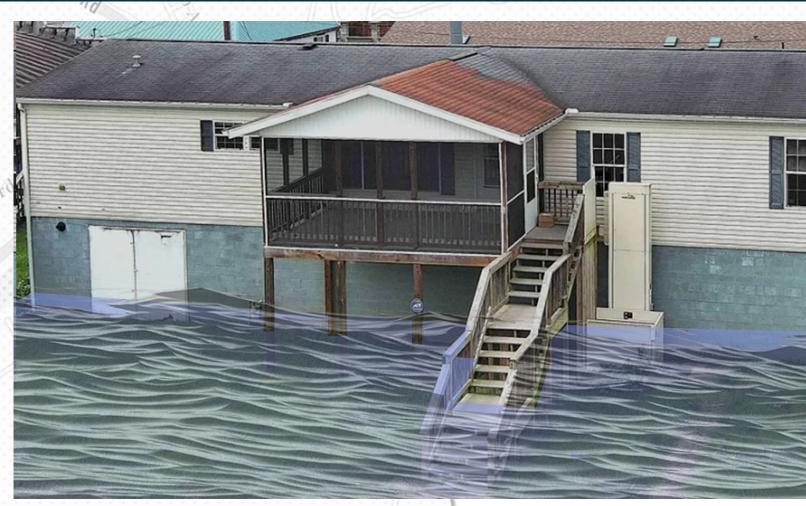




2% Probability of Flood in a year (50-year flood)

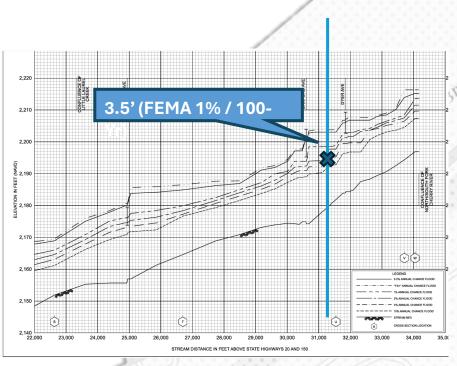


Reamer Rd





1% Probability of Flood in a year (100-year flood)

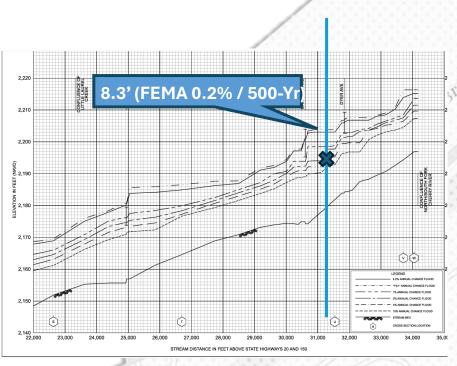


Reamer Rd





0.2% Probability of Flood in a year (500-year flood)

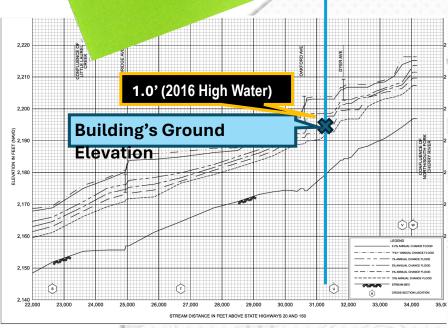






2016 High Watermark







Reamer Rd





8

NA

NA





8

NA

NA

2.8





8

NA

NA

2.8

1.0

3.5

5.5





NA

NA

2.8

1.0

3.5

5.5

9.0





NA

NA

2.8

1.0

3.5

5.5

9.0

8.3



Wheeling

40 VIRGINIA ST, Wheeling, WV, 26003

Building: 35-10-0W43-0134-0000_40



Flood Intervals	HEIGHT (ft.)	Source			
FEMA 10% / 10- Yr	NA	Not in by FEMA 10yr flood boundary			
FEMA 4% / 25 yr	NA	Not in by FEMA 25yr flood boundary			
FEMA 2% / 50 yr	4.1	Flood Profile			
FEMA 1% / 100 yr (2023 BFE)	7.1	Flood Profile			
FEMA 100 yr + 2.0 Ft. Freeboard (DFE)	9.1	Design flood elevation (DFE)			
FEMA 0.2% / 500 yr	10.1	Flood Profile			
FSF 500 yr	35.7				

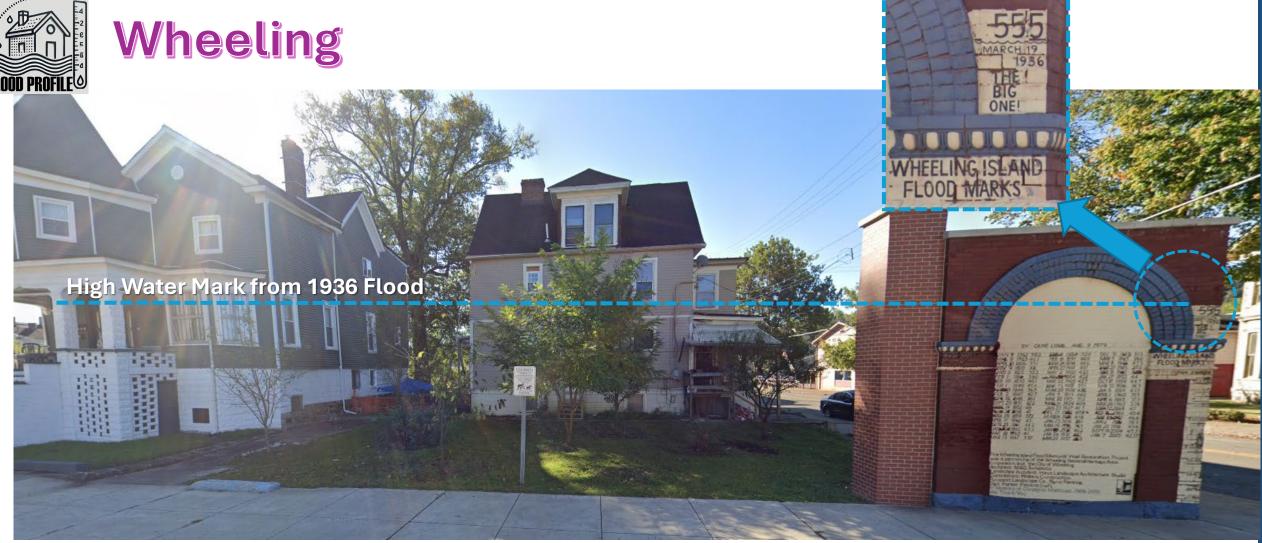


Flood Depth (ft)									
FEMA					FSF				
Flood Depth in Ft (Current Study) Flood Depth in Ft (Previous Study)									
Draft/Effectiv	50 year	100 year	100 year	500 year	Effective	100 year	500 year	100 year	500 year
e Date	(2%)	(1%)	Plus(1%+)	(0.2%)	Date	(1%)	(0.2%)	(1%)	(0.2%)
2006	4.1	7.1	-	10.1	1992	BFE: 659 (5.9 ft)		22.3	35.7

FLOOD DEPTHS:

FEMA, Effective 2006



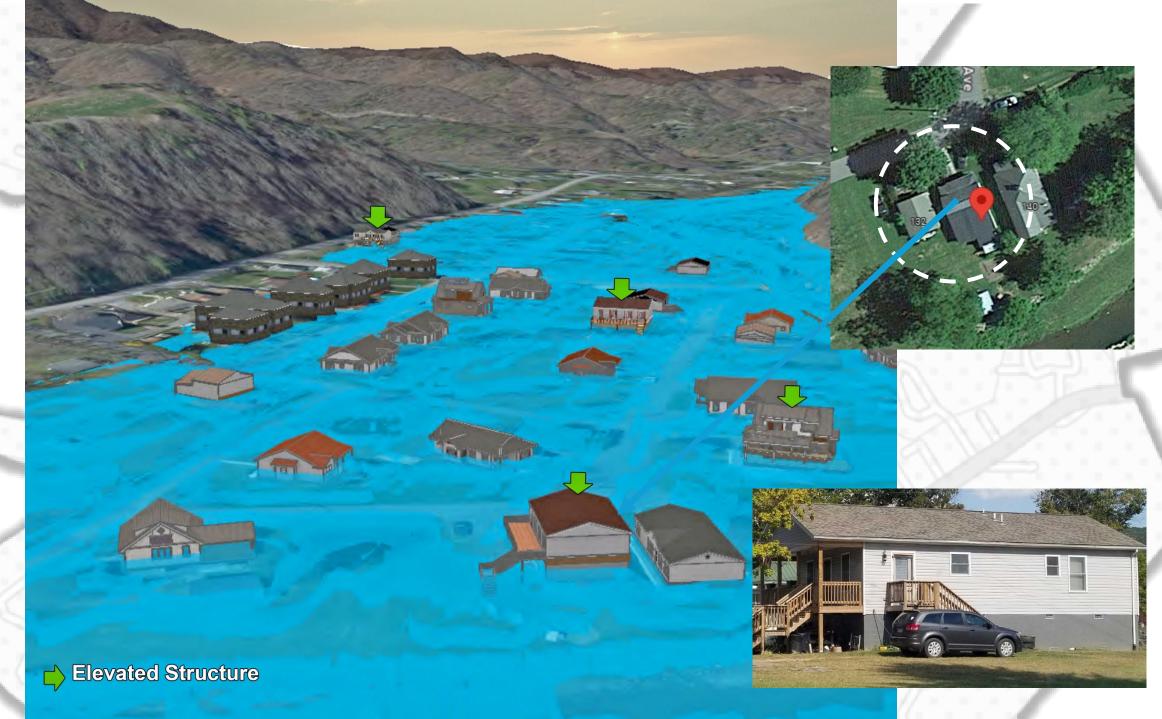


- Lowest Adjacent Grade (LAG) = 649.5 feet (estimate from WV Flood Tool). Estimate first floor height to be about 9 feet based on steps and blocks.
- **1936 HWM** = 607.3 ft (gauge height = 0) + 55.2 ft = 662.5 ft.
- 1936 Flood Depth = LAG 662.5 feet 649.5 = 13 feet. Estimate four feet of water in structure for 1936 flood.



Elevated Structures White Sulphur Springs Central Ave. Central Ave. Big Draft Rd.







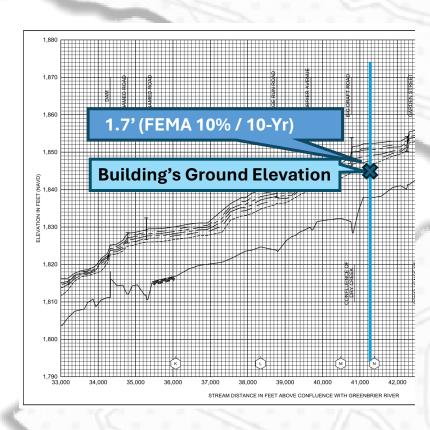


138 Mill Street, White Sulphur Springs, WV, 24986

13-17-0009-0026-0000_138



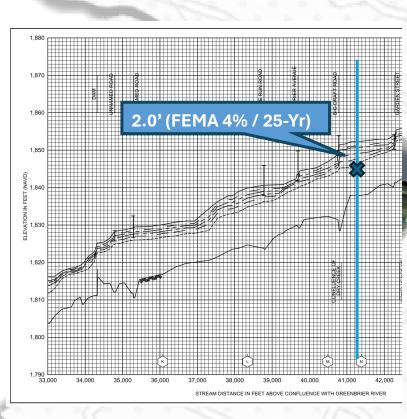
10% Probability of Flood in a year (10-year flood)







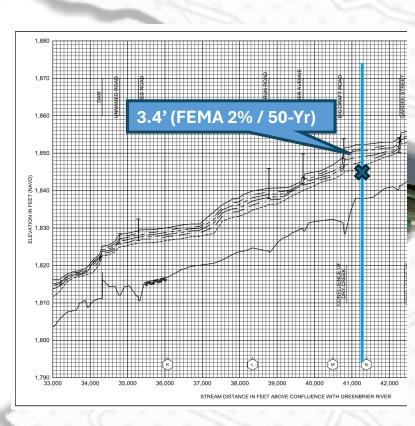
4% Probability of Flood in a year (25-year flood)







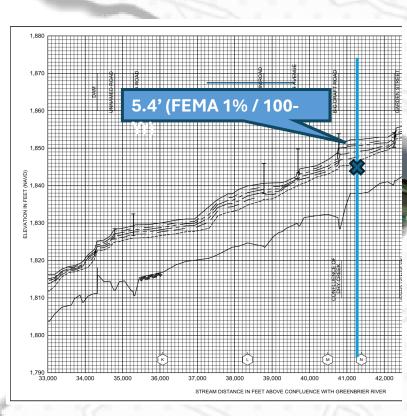
2% Probability of Flood in a year (50-year flood)







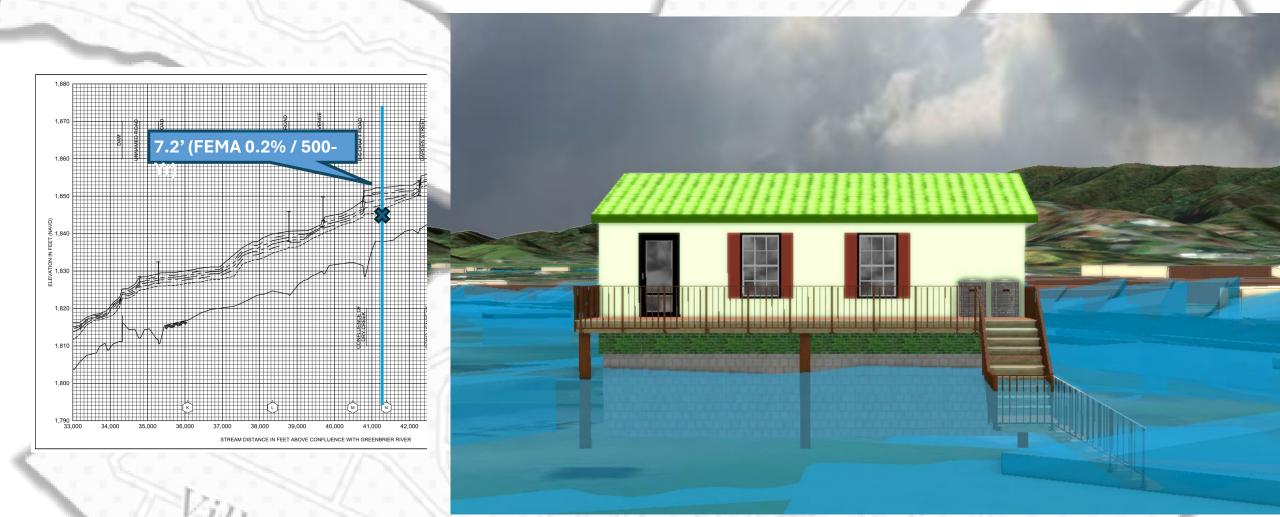
1% Probability of Flood in a year (100-year flood)





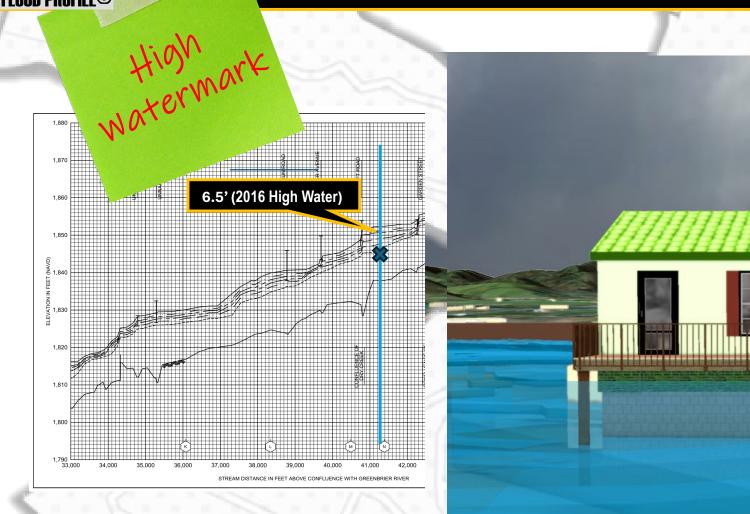


0.2% Probability of Flood in a year (500-year flood)

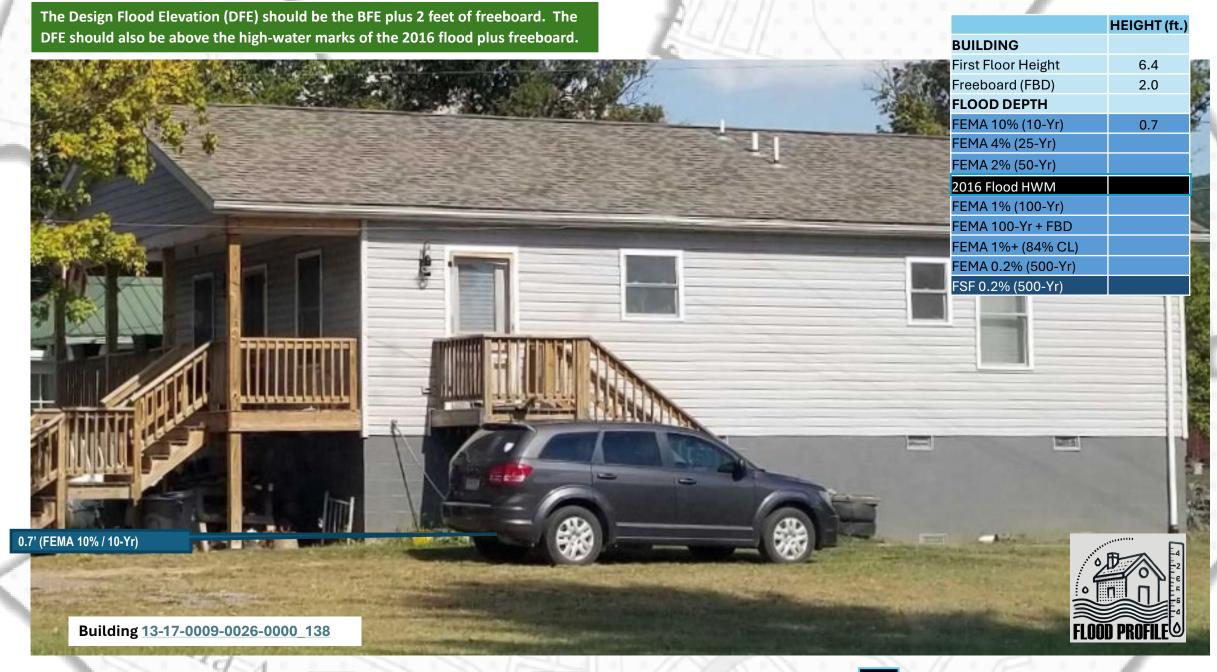




2016 High Watermark

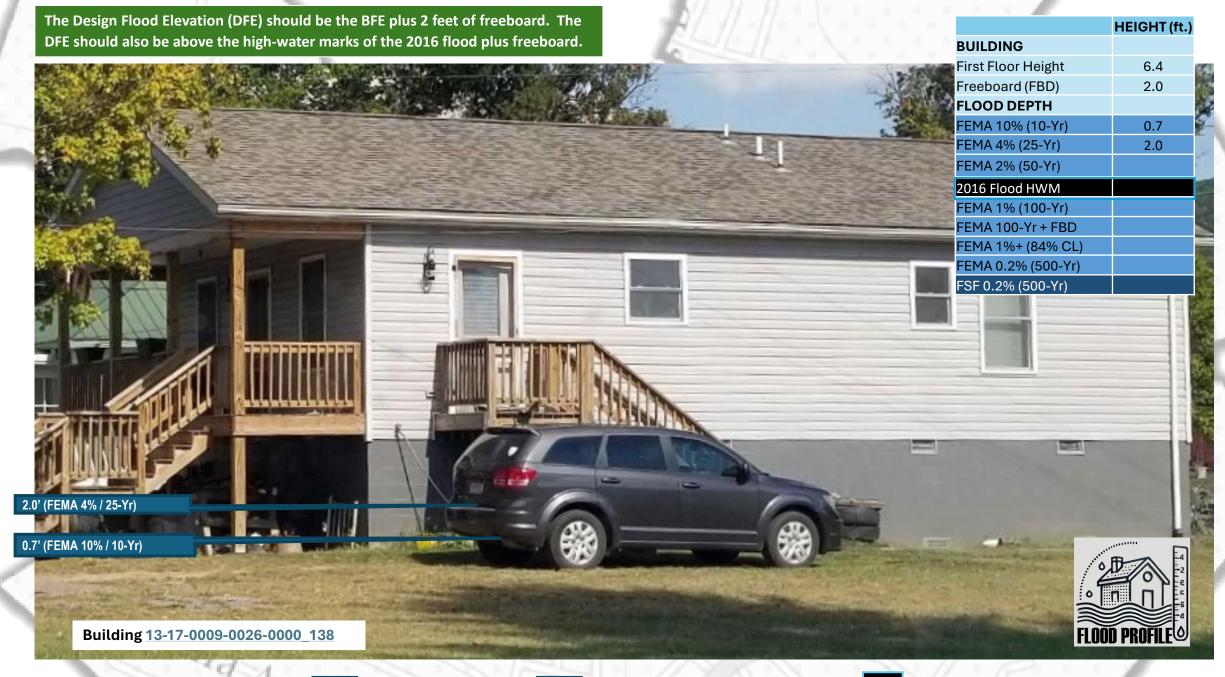


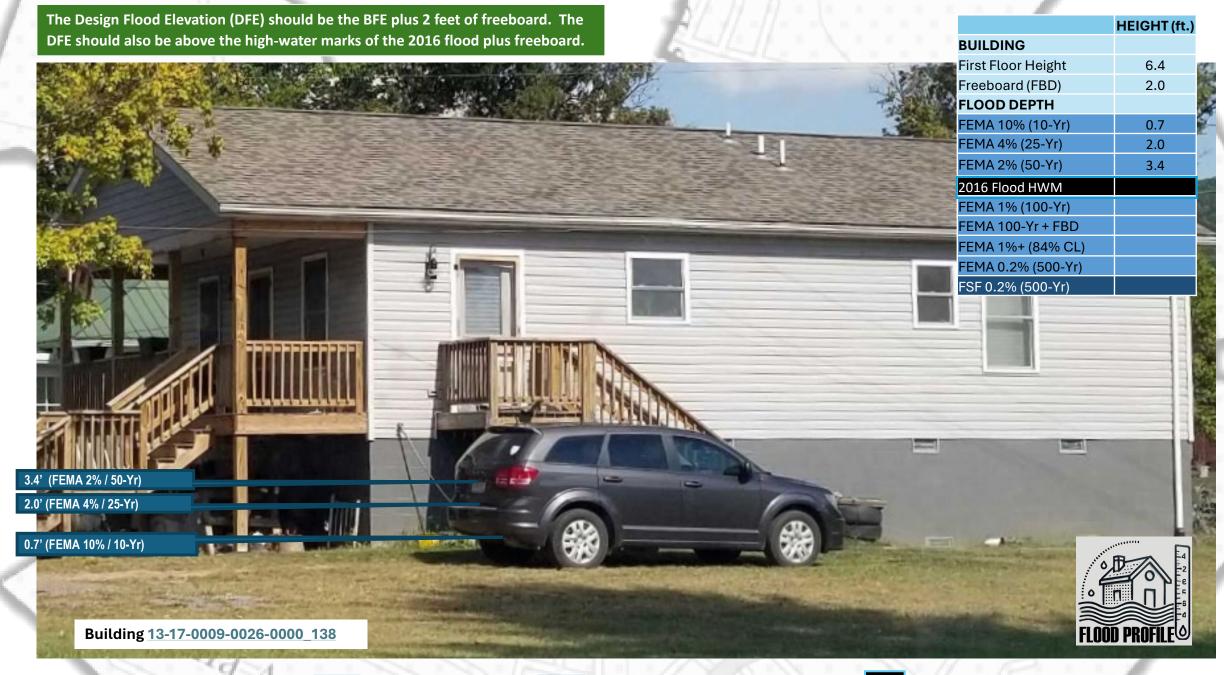




FLOOD DEPTHS:









FLOOD DEPTHS:

FEMA, Effective 2023

