



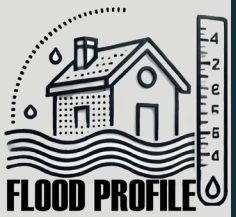
# Clendenin

20-02-0006-0044-0000\_306

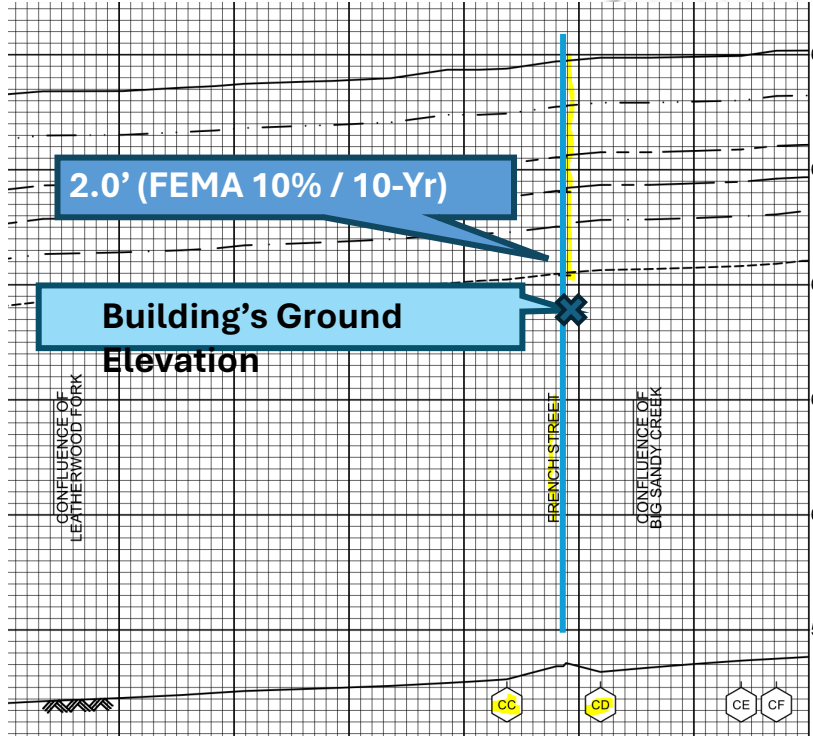
306 Maywood Ave., Clendenin, WV, 25045



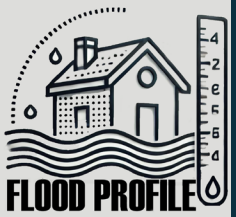
Building-scale flood visualizations of different flood frequencies and magnitudes



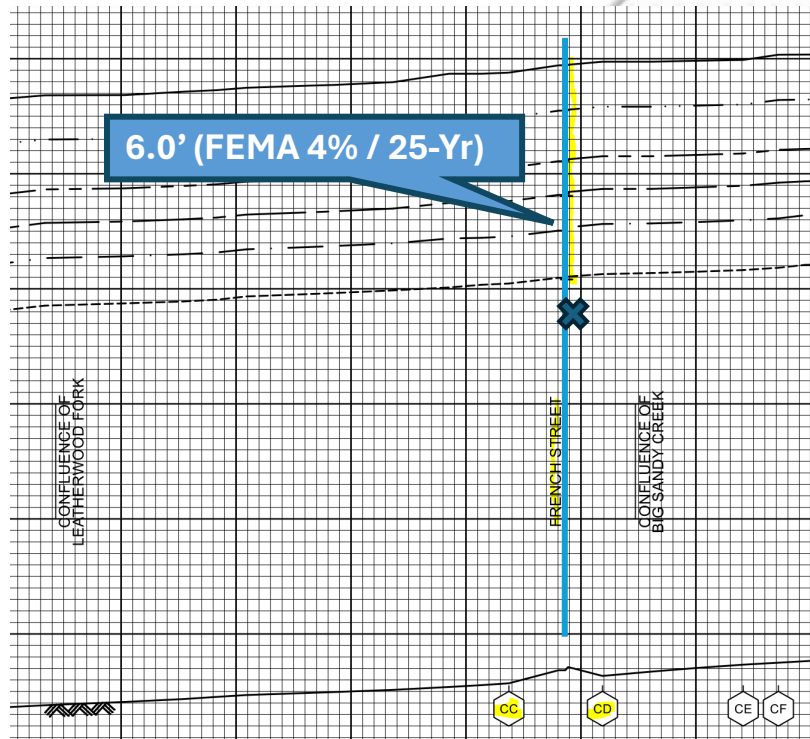
# 10% Probability of Flood in a year (10-year flood)



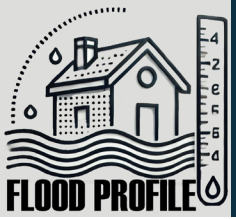
Reamer Rd



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



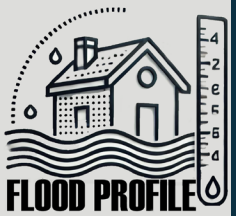
Reamer Rd



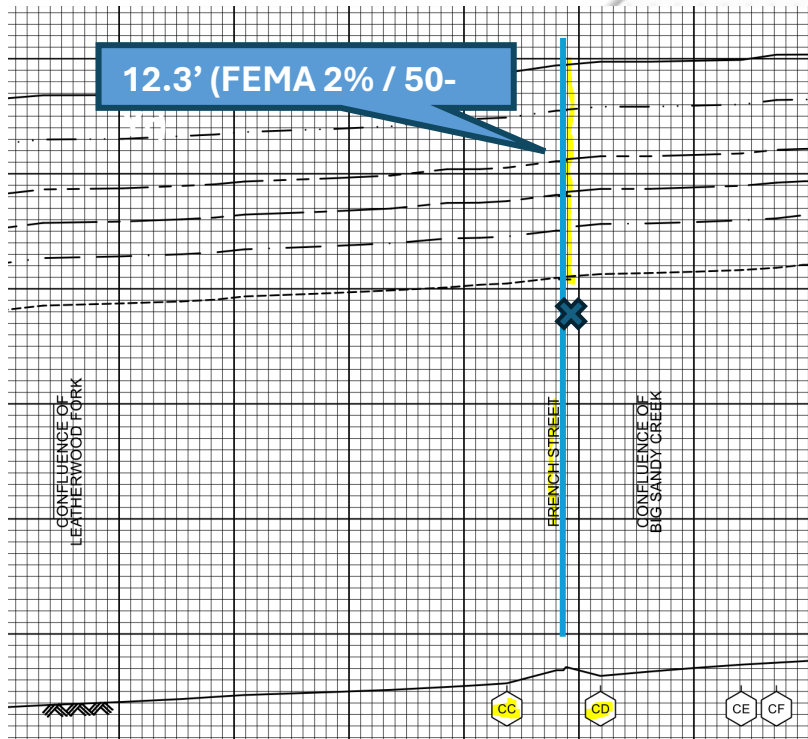
# 2% Probability of Flood in a year (50-year flood)



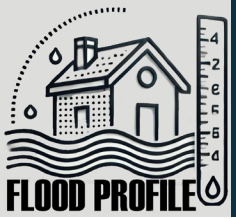
Reamer Rd



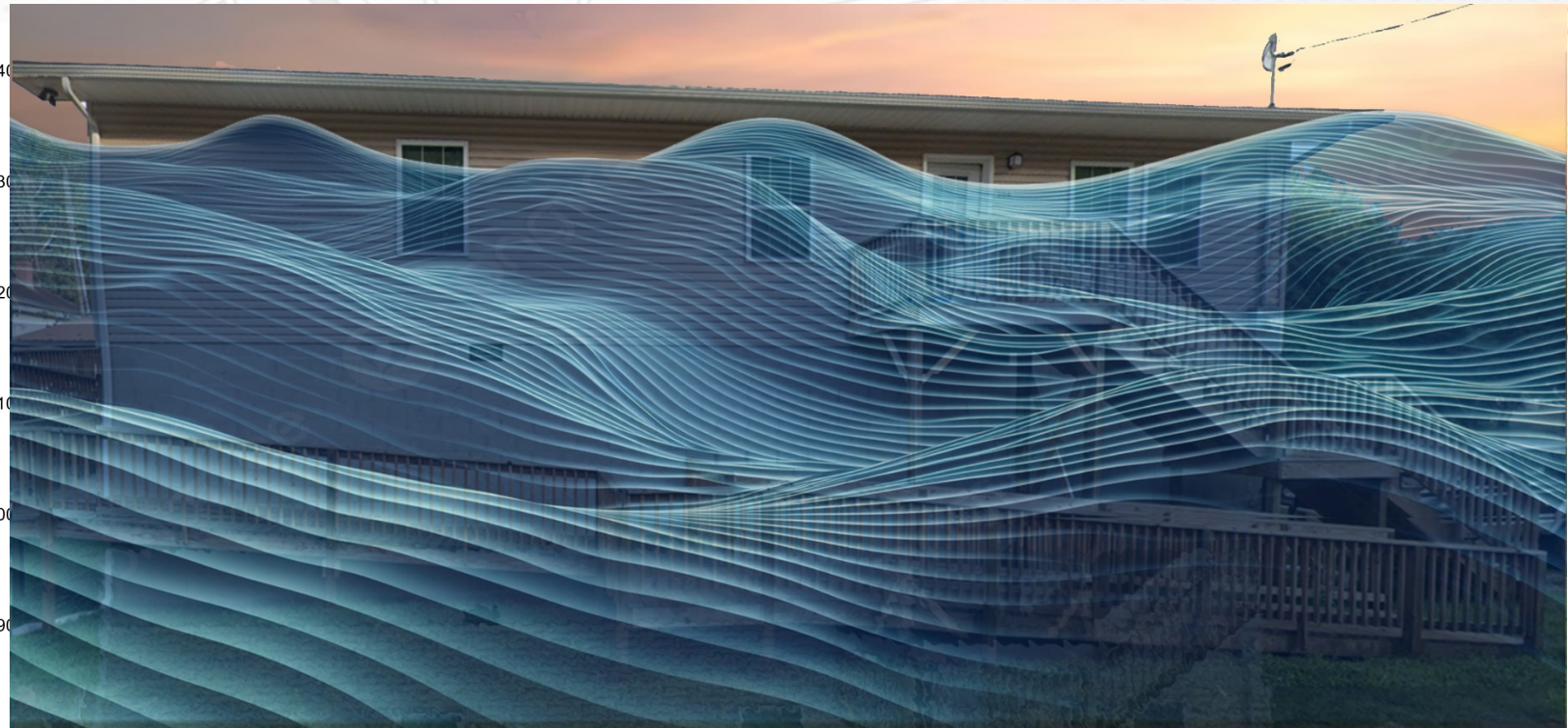
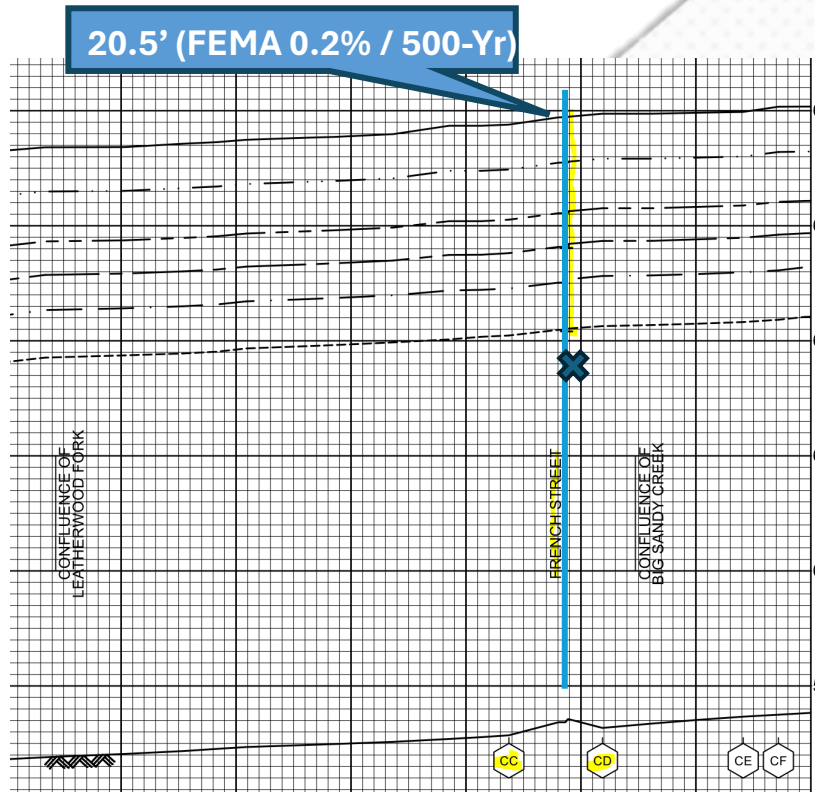
# 1% Probability of Flood in a year (100-year flood)



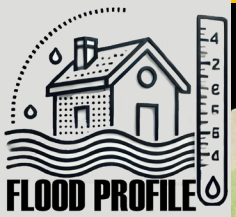
Reamer Rd



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



Reamer Rd



# 2016 High Watermark

High Watermark



Reamer Rd

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 2016 flood plus freeboard.

306 Maywood Ave., Clendenin, WV, 25045



	HEIGHT (ft.)
<b>BUILDING</b>	
First Floor Height	12.0
Freeboard (FBD)	2.0
<b>FLOOD DEPTH</b>	
FEMA 10% (10-Yr)	2.0
FEMA 4% (25-Yr)	
FEMA 2% (50-Yr)	
<b>2016 Flood HWM</b>	
FEMA 1% (100-Yr)	
FEMA 100-Yr + FBD	
FEMA 1%+ (84% CL)	
FEMA 0.2% (500-Yr)	
FSF 0.2% (500-Yr)	

2.0' (FEMA 10% / 10-Yr)

Building 20-02-0006-0044-0000 306



FLOOD DEPTHS:



FEMA, Effective 2023



First Street Foundation (FSF, 2022)



USGS 2016 Flood High Water Mark



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 2016 flood plus freeboard.

306 Maywood Ave., Clendenin, WV, 25045



6.0' (FEMA 4% / 25-Yr)

2.0' (FEMA 10% / 10-Yr)

Building 20-02-0006-0044-0000 306

	HEIGHT (ft.)
<b>BUILDING</b>	
First Floor Height	12.0
Freeboard (FBD)	2.0
<b>FLOOD DEPTH</b>	
FEMA 10% (10-Yr)	2.0
FEMA 4% (25-Yr)	6.0
FEMA 2% (50-Yr)	
<b>2016 Flood HWM</b>	
FEMA 1% (100-Yr)	
FEMA 100-Yr + FBD	
FEMA 1%+ (84% CL)	
FEMA 0.2% (500-Yr)	
FSF 0.2% (500-Yr)	



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 2016 flood plus freeboard.

306 Maywood Ave., Clendenin, WV, 25045



FLOOD DEPTHS:

FEMA

First Street Foundation (FSF)

USGS 2016 Flood High Water Mark

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 2016 flood plus freeboard.

306 Maywood Ave., Clendenin, WV, 25045



	HEIGHT (ft.)
<b>BUILDING</b>	
First Floor Height	12.0
Freeboard (FBD)	2.0
<b>FLOOD DEPTH</b>	
FEMA 10% (10-Yr)	2.0
FEMA 4% (25-Yr)	6.0
FEMA 2% (50-Yr)	9.5
2016 Flood HWM	10.5
FEMA 1% (100-Yr)	
FEMA 100-Yr + FBD	
FEMA 1%+ (84% CL)	
FEMA 0.2% (500-Yr)	
FSF 0.2% (500-Yr)	

10.5' (2016 High Water)

9.5' (FEMA 2% / 50-Yr)

6.0' (FEMA 4% / 25-Yr)

2.0' (FEMA 10% / 10-Yr)

Building 20-02-0006-0044-0000 306



FLOOD DEPTHS:

FEMA, Effective 2023

First Street Foundation (FSF, 2022)

USGS 2016 Flood High Water Mark

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 2016 flood plus freeboard.

306 Maywood Ave., Clendenin, WV, 25045



	HEIGHT (ft.)
<b>BUILDING</b>	
First Floor Height	12.0
Freeboard (FBD)	2.0
<b>FLOOD DEPTH</b>	
FEMA 10% (10-Yr)	2.0
FEMA 4% (25-Yr)	6.0
FEMA 2% (50-Yr)	9.5
<b>2016 Flood HWM</b>	<b>10.5</b>
FEMA 1% (100-Yr)	12.3
FEMA 100-Yr + FBD	14.3
FEMA 1%+ (84% CL)	16.5
FEMA 0.2% (500-Yr)	
FSF 0.2% (500-Yr)	

16.5' FEMA1%+ (84% CL)

12.3' (FEMA 1% / 100-Yr)

10.5' (2016 High Water)

9.5' (FEMA 2% / 50-Yr)

6.0' (FEMA 4% / 25-Yr)

2.0' (FEMA 10% / 10-Yr)

Building 20-02-0006-0044-0000 306



FLOOD DEPTHS:

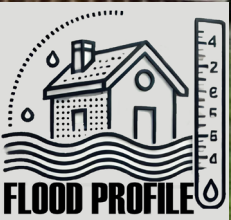
FEMA, Effective 2023

First Street Foundation (FSF, 2022)

USGS 2016 Flood High Water Mark

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 2016 flood plus freeboard.

306 Maywood Ave., Clendenin, WV, 25045



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 2016 flood plus freeboard.

306 Maywood Ave., Clendenin, WV, 25045

24.6' (FSF 0.2% / 500-Yr)

20.5' (FEMA 0.2% / 500-Yr)

16.5' FEMA1%+ (84% CL)

12.3' (FEMA 1% / 100-Yr)

10.5' (2016 High Water)

9.5' (FEMA 2% / 50-Yr)

6.0' (FEMA 4% / 25-Yr)

2.0' (FEMA 10% / 10-Yr)

Building 20-02-0006-0044-0000 306

	HEIGHT (ft.)
<b>BUILDING</b>	
First Floor Height	12.0
Freeboard (FBD)	2.0
<b>FLOOD DEPTH</b>	
FEMA 10% (10-Yr)	2.0
FEMA 4% (25-Yr)	6.0
FEMA 2% (50-Yr)	9.5
<b>2016 Flood HWM</b>	<b>10.5</b>
FEMA 1% (100-Yr)	12.3
FEMA 100-Yr + FBD	14.3
FEMA 1%+ (84% CL)	16.5
FEMA 0.2% (500-Yr)	20.5
FSF 0.2% (500-Yr)	24.6



FLOOD DEPTHS:

FEMA, Effective 2023

First Street Foundation (FSF, 2022)

USGS 2016 Flood High Water Mark