



Commission for Architectural Review Application for Certificate of Appropriateness

900 E. Broad Street, Room 510
Richmond, VA 23219 | (804)-646-6569
www.rva.gov/planning-development-review/commission-architectural-review



Property (location of work)

Address: 8 N. Arthur Ashe Boulevard

Historic District: Boulevard

Applicant Information Billing Contact

Name: Brian Spencer

Email: brianwspencer@gmail.com

Phone: 804.314.7440

Company: N/A

Mailing Address: 10 N. Arthur Ashe Boulevard

Richmond, VA 23220

Applicant Type: Owner Agent Lessee

Architect Contractor

Other (specify): _____

Owner Information Billing Contact

Same as Applicant

Name: 8 N. Boulevard LLC

Email: brianwspencer@gmail.com

Phone: 804.314.7440

Company: 8 N. Boulevard LLC

Mailing Address: 10 N. Arthur Ashe Boulevard

Richmond, VA 23220

****Owner must sign at the bottom of this page****

Project Information

Project Type: Alteration Demolition New Construction (Conceptual Review Required)

Project Description (attach additional sheets if needed):

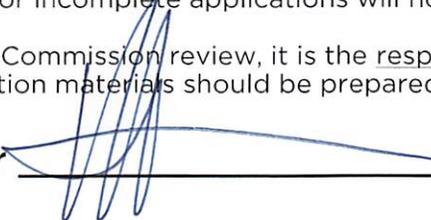
Please See Attached

Acknowledgement of Responsibility

Compliance: If granted, you agree to comply with all conditions of the certificate of appropriateness (COA). Revisions to approved work require staff review and may require a new application and approval from the Commission of Architectural Review (CAR). Failure to comply with the conditions of the COA may result in project delays or legal action. The COA is valid for one (1) year and may be extended for an additional year, upon written request and payment of associated fee.

Requirements: A complete application includes all applicable information requested on checklists available on the CAR website to provide a complete and accurate description of existing and proposed conditions, as well as payments of the application fee. Applications proposing major new construction, including additions, should meet with staff to review the application and requirements prior to submitting an application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Zoning Requirements: Prior to Commission review, it is the responsibility of the applicant to determine if zoning approval is required an application materials should be prepared in compliance with zoning.

Signature of Owner 

Date 10.27.22

8 N. Arthur Ashe Boulevard Narrative for CAR

A fire occurred this past March. Damage to the plaster is extensive, but the structure is still intact. Four rear first floor windows are beyond repair and they will be replaced with new custom 1/1 wood windows that fit the current openings. The remainder of the windows will be repaired and repainted.

The rear porch will be enclosed to create a mud room. The exterior of this portion will be clad in wood with a board and batten style. The modern exterior stair system to the second floor will be removed. Additionally, and damaged or rotten trim will be repaired or replaced with like-kind materials.

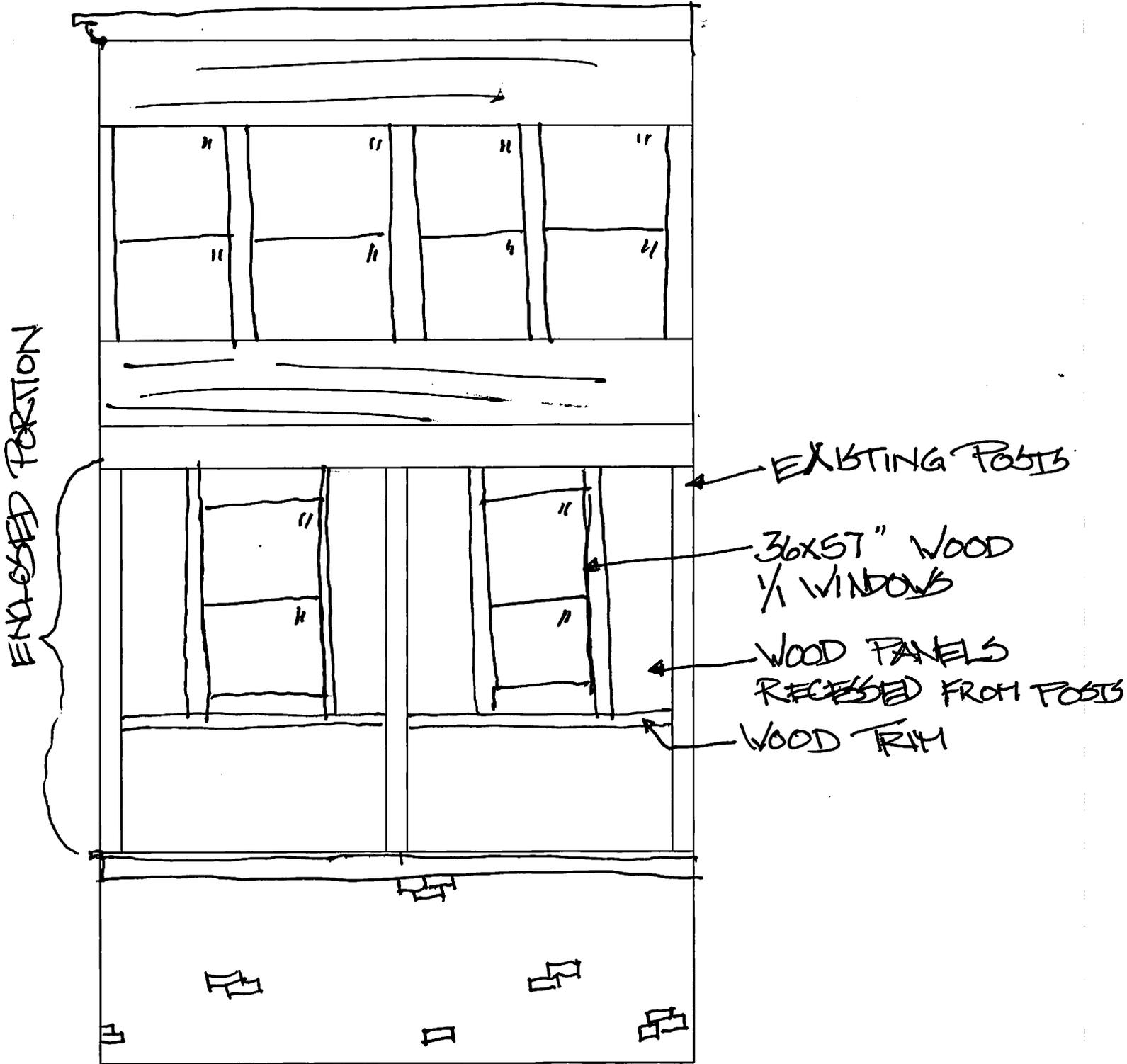
The State and Federal Historic Tax Credit programs will be utilized on this project.



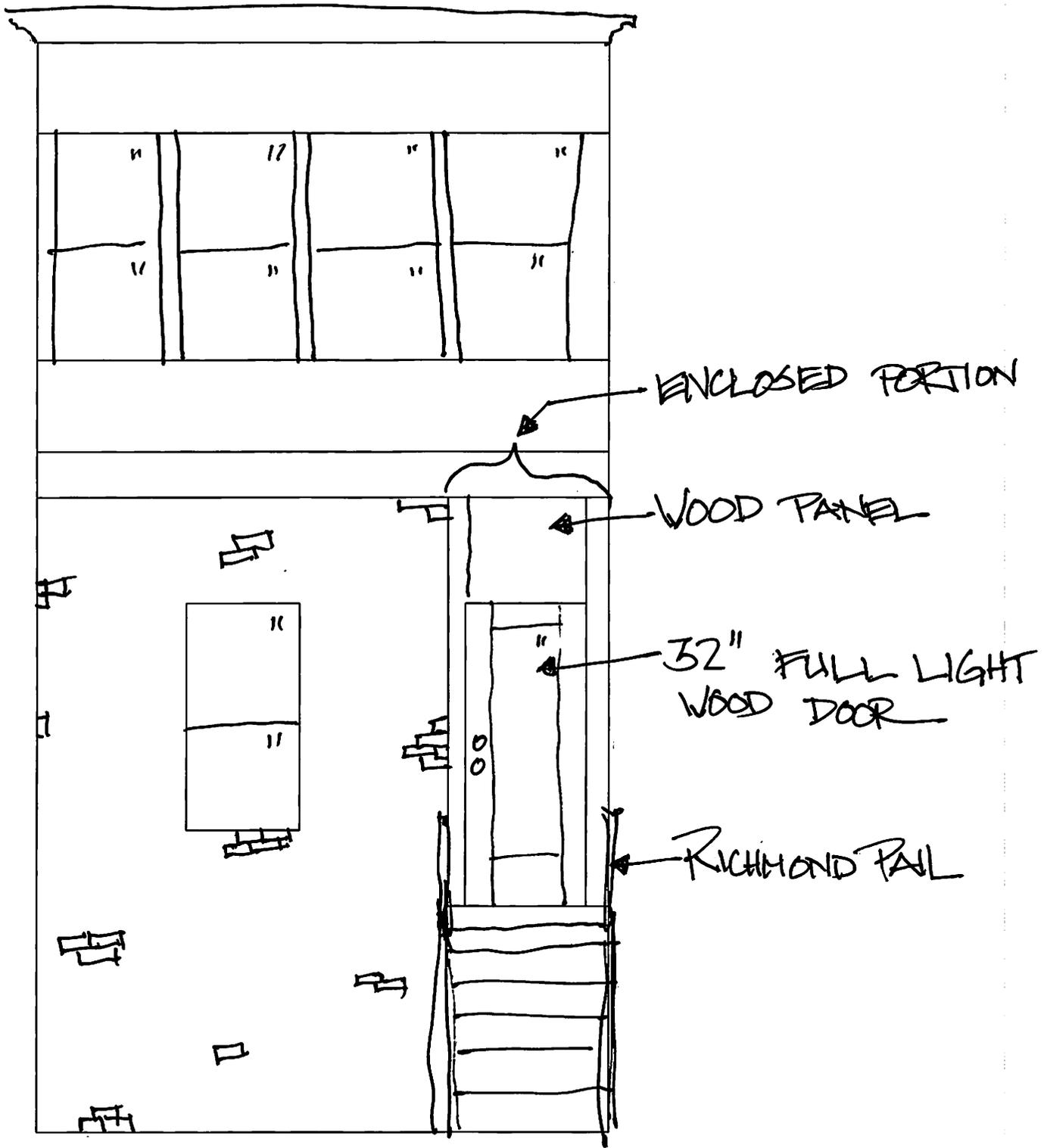
These are the four fire damages windows



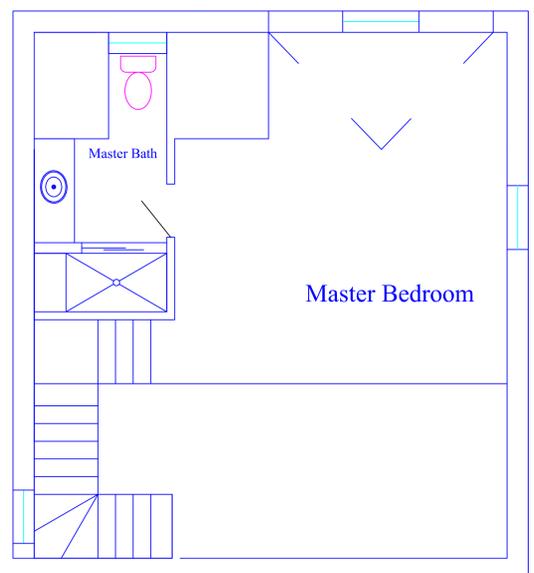
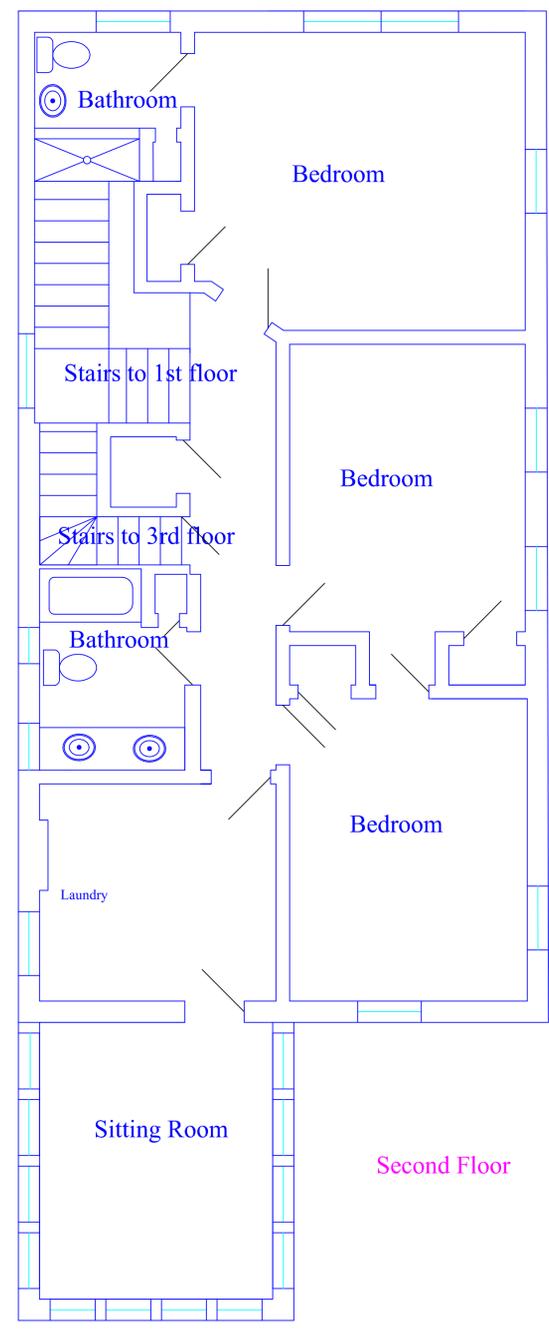
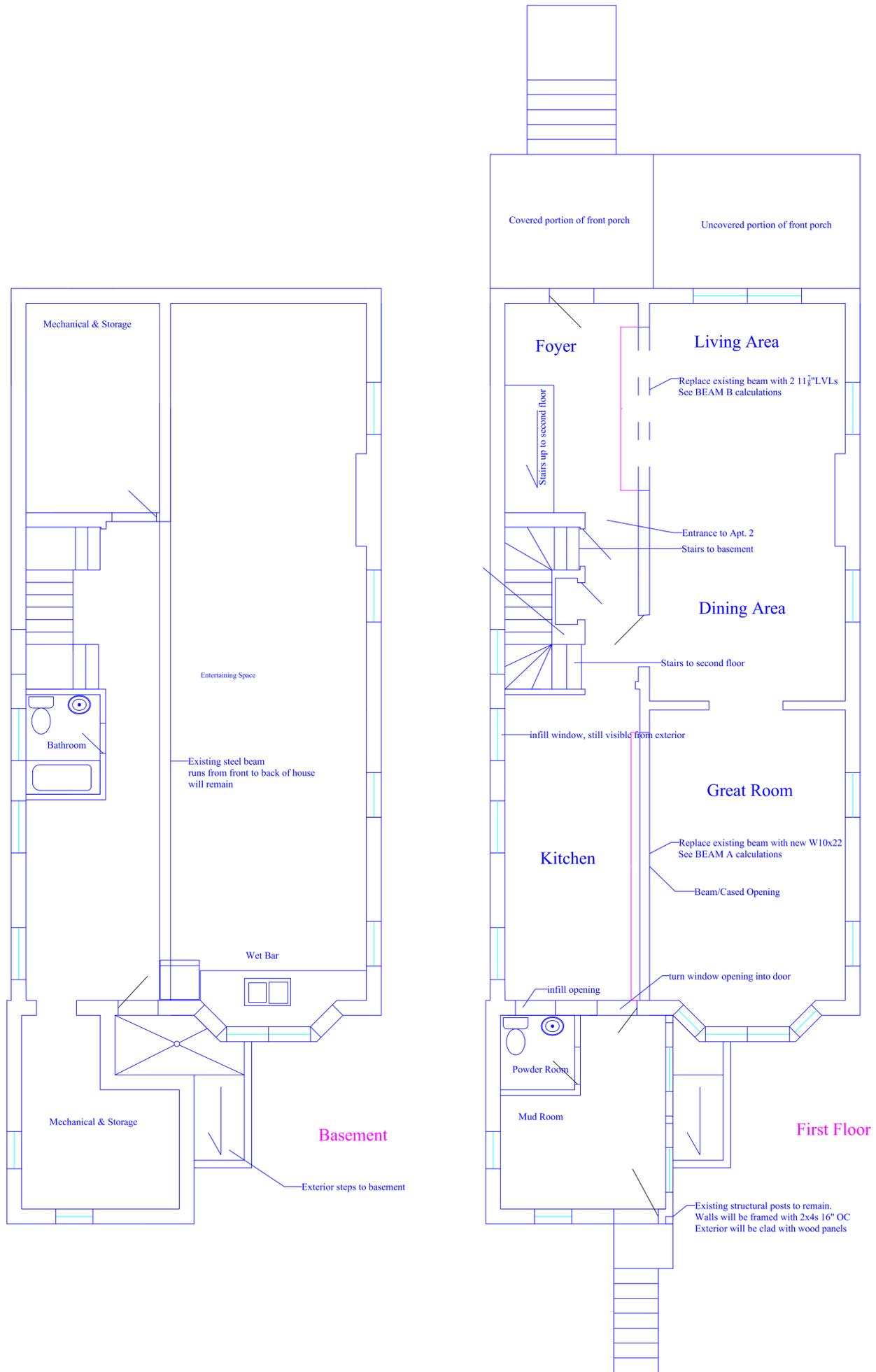
This picture shows the modern stairs that will be removed and the porch that will be enclosed.



SOUTH ELEVATION

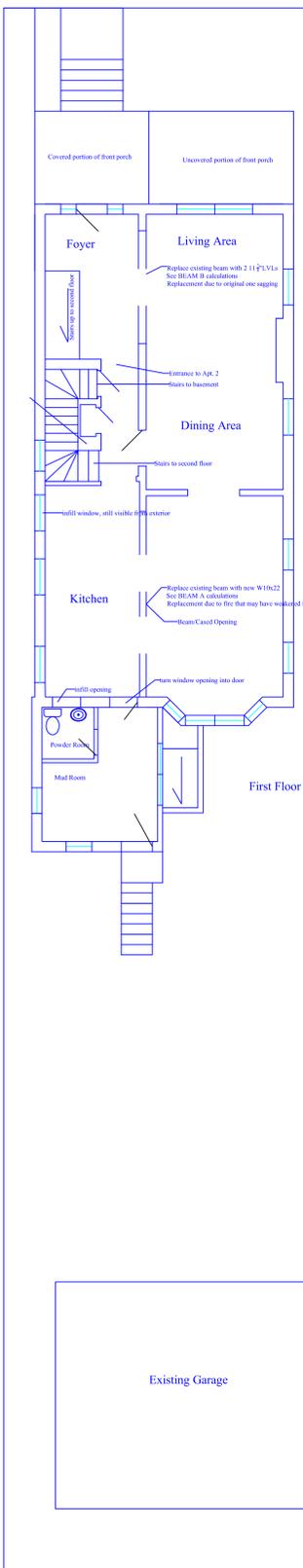


WEST ELEVATION



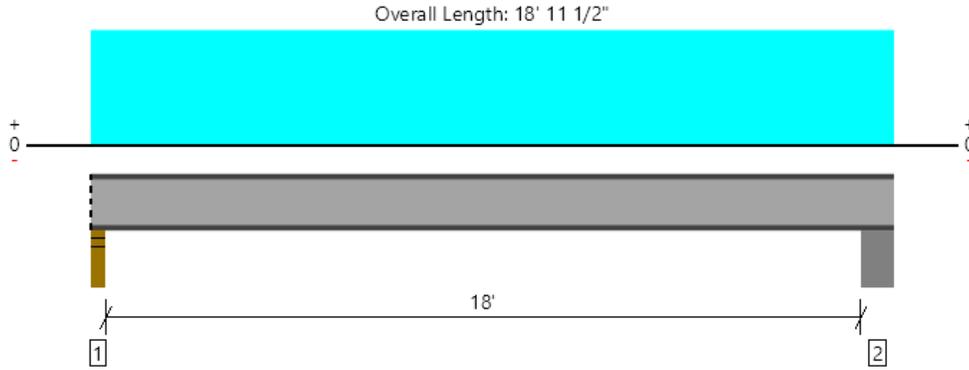
Notes:

1. The second and third floor ceilings will be insulated to R-38
2. Exterior walls will be insulated, where possible, to R-15
3. The entire basement will be conditioned
4. Any damaged framing members will be replaced with same size lumber
5. All ceiling heights comply with R305.1 and R305.1.1
6. Bathroom fixture spacng will comply with R307.1
7. All changes being made will comply with 2018 building code



Level, Floor: Drop Beam
1 piece(s) W10X22 (A992) ASTM Steel

BEAM A



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	5379 @ 2"	8553 (3.50")	Passed (63%)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Shear (lbs)	5210 @ 3 1/2"	48960	Passed (11%)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Moment (Ft-lbs)	24100 @ 9' 3 1/2"	26919	Passed (90%)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Live Load Defl. (in)	0.308 @ 9' 3 1/2"	0.456	Passed (L/712)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Total Load Defl. (in)	0.422 @ 9' 3 1/2"	0.913	Passed (L/519)	--	1.0 D + 0.75 L + 0.75 S (All Spans)

System : Floor
Member Type : Drop Beam
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Applicable calculations are based on ANSI/AISC 360-16.
- A lateral-torsional buckling factor (C_b) of 1.0 has been assumed.

Supports	Bearing Length			Loads to Supports (lbs)					Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Snow	Factored	
1 - Stud wall - SPF	3.50"	3.50"	3.50"	1459	3136	2091	2091	5379	Blocking
2 - Pocket - masonry	8.00"	8.00"	8.00"	1518	3263	2175	2175	5596	None

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	End Bearing Points	
Bottom Edge (Lu)	End Bearing Points	

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (non-snow: 1.25)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 to 18' 11 1/2"	N/A	22.0	--	--	--	
1 - Uniform (PSF)	0 to 18' 11 1/2"	4' 6"	12.0	30.0	20.0	20.0	Default Load
2 - Uniform (PSF)	0 to 18' 11 1/2"	6' 9"	12.0	30.0	20.0	20.0	

Member Notes
Rear Beam

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The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

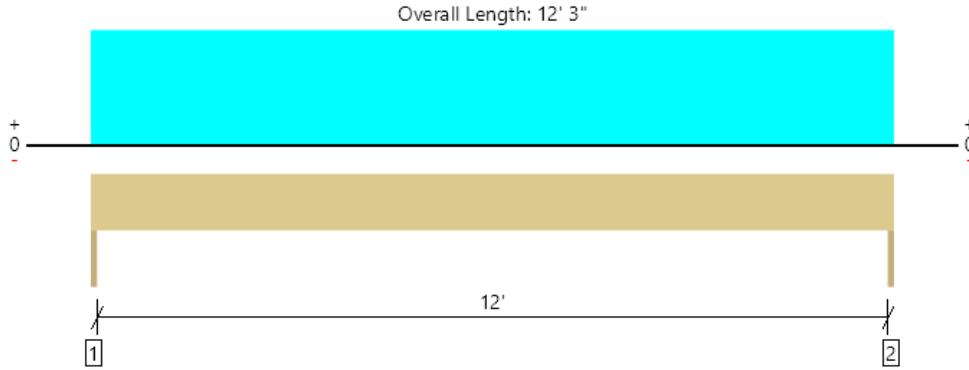
ForteWEB Software Operator	Job Notes
Brian Spencer stonewall construction (804) 314-7440 brianwspencer@gmail.com	



Level, Wall: Header

2 piece(s) 1 3/4" x 11 1/4" 2.0E Microllam® LVL

BEAM B



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	3481 @ 0	3806 (1.50")	Passed (91%)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Shear (lbs)	2877 @ 1' 3/4"	8603	Passed (33%)	1.15	1.0 D + 0.75 L + 0.75 S (All Spans)
Moment (Ft-lbs)	10661 @ 6' 1 1/2"	18558	Passed (57%)	1.15	1.0 D + 0.75 L + 0.75 S (All Spans)
Live Load Defl. (in)	0.281 @ 6' 1 1/2"	0.306	Passed (L/524)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Total Load Defl. (in)	0.378 @ 6' 1 1/2"	0.613	Passed (L/389)	--	1.0 D + 0.75 L + 0.75 S (All Spans)

System : Wall
 Member Type : Header
 Building Use : Residential
 Building Code : IBC 2015
 Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)					Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Snow	Factored	
1 - Trimmer - SPF	1.50"	1.50"	1.50"	897	2067	1378	1378	3481	None
2 - Trimmer - SPF	1.50"	1.50"	1.50"	897	2067	1378	1378	3481	None

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	12' 3" o/c	
Bottom Edge (Lu)	12' 3" o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (non-snow: 1.25)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 to 12' 3"	N/A	11.5	--	--	--	
1 - Uniform (PSF)	0 to 12' 3"	4' 6"	12.0	30.0	20.0	20.0	Default Load
2 - Uniform (PSF)	0 to 12' 3"	6' 9"	12.0	30.0	20.0	20.0	

Weyerhaeuser Notes

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