

**ISSUE:** Permit to Demolish (partial) and Certificate of Appropriateness for alterations (addition)

**APPLICANT:** Ashley Bone

**LOCATION:** Old and Historic Alexandria District  
729 South Pitt Street

**ZONE:** RM / Townhouse Zone

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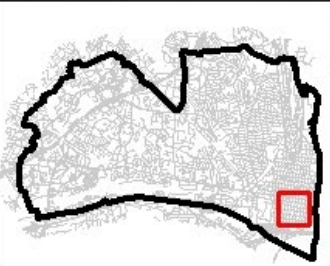
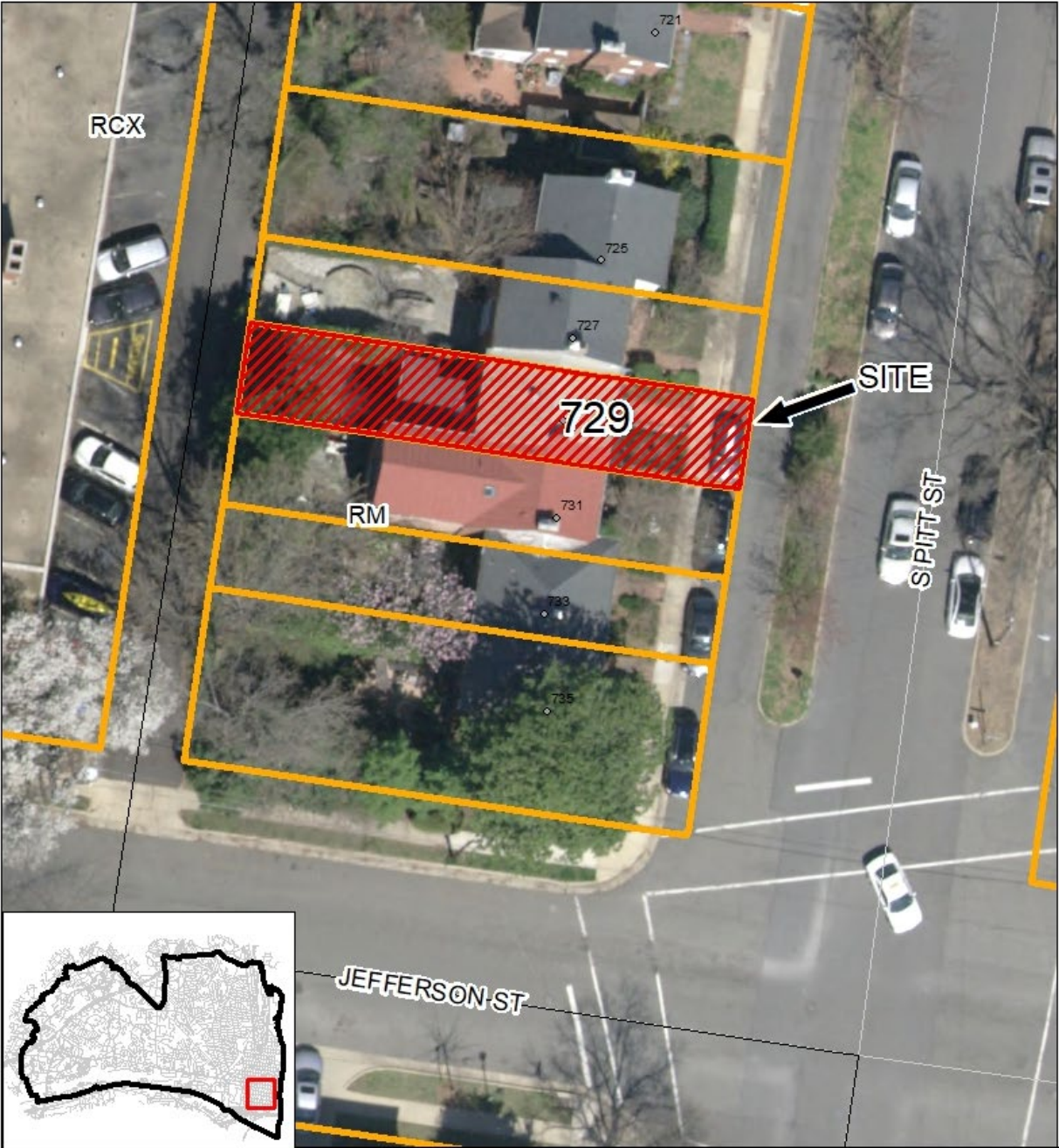
**STAFF RECOMMENDATION**

Staff recommends approval of the Permit to Demolish (partial) and Certificate of Appropriateness, with the following conditions:

- The applicant must work with staff to submit window specifications that comply with the guidelines found in the *BAR Policies for Administrative Approval*.
- The roof of the new addition must use architectural composition shingles, rather than 3-tab shingles.

**GENERAL NOTES TO THE APPLICANT**

1. **APPEAL OF DECISION:** In accordance with the Zoning Ordinance, if the Board of Architectural Review denies or approves an application in whole or in part, the applicant or opponent may appeal the Board's decision to City Council on or before 14 days after the decision of the Board.
2. **COMPLIANCE WITH BAR POLICIES:** All materials must comply with the BAR's adopted policies unless otherwise specifically approved.
3. **BUILDING PERMITS:** Most projects approved by the Board of Architectural Review require the issuance of one or more construction permits by Department of Code Administration (including signs). The applicant is responsible for obtaining all necessary construction permits after receiving Board of Architectural Review approval. Contact Code Administration, 703-746-4200 for further information.
4. **ISSUANCE OF CERTIFICATES OF APPROPRIATENESS AND PERMITS TO DEMOLISH:** Applicants must obtain a copy of the Certificate of Appropriateness or Permit to Demolish PRIOR to applying for a building permit. Contact BAR Staff, Room 2100, City Hall, 703-746-3833, or [preservation@alexandriava.gov](mailto:preservation@alexandriava.gov) for further information.
5. **EXPIRATION OF APPROVALS NOTE:** In accordance with Sections 10-106(B), 10-206(B) and 10-307 of the Zoning Ordinance, any Board of Architectural Review approval will expire 12 months from the date of issuance if the work is not commenced and diligently and substantially pursued by the end of that 12-month period.
6. **HISTORIC PROPERTY TAX CREDITS:** Applicants performing extensive, certified rehabilitations of historic properties may separately be eligible for state and/or federal tax credits. Consult with the Virginia Department of Historic Resources (VDHR) prior to initiating any work to determine whether the proposed project may qualify for such credits.



**BAR#2024-00222 & BAR#2024-00234**  
**729 S Pitt Street**



0 12.5 25 50 Feet

**I. APPLICANT'S PROPOSAL**

The applicant requests a Permit to Demolish (partial) and a Certificate of Appropriateness to build a porch addition above the first floor of the rear addition of the house.

Site context

The subject property is an attached rowhouse on the 700 block of South Pitt Street. There is a public alley in the rear (west) of the property, from which the proposed addition would be visible at certain angles.

**II. HISTORY**

729 South Pitt Street is a two-story, two-bay Colonial Revival style masonry townhouse constructed in **1941**, according to tax records. It was built as part of the Yates Gardens development, which is significant for being one of the Washington area's first late 1930s - early 1940s multi-unit developments. The project retains a large measure of its original architectural character and setting. According to building permit #22215, issued 7/26/1965, and BAR records, the existing one-story rear addition dates from 1965.

Previous BAR Approvals

August 11, 1965                      Addition

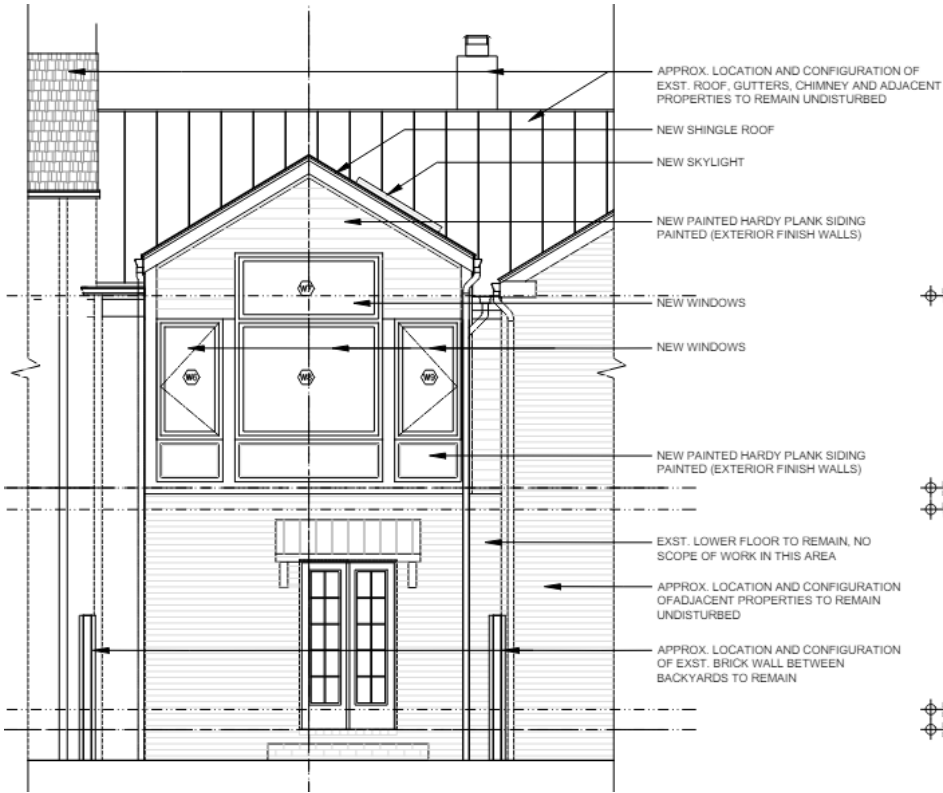
**III. ANALYSIS**

The applicant requests a Permit to Demolish (partial) to capulate part of the one-story rear (west) addition by demolishing the roof and encapsulating wall area, and a Certificate of Appropriateness to construct a porch addition on top of the existing rear addition (Figure 1).



Figure 1. Existing one-story rear addition viewed from backyard (left) and public alley (right).

The new addition will be 194 square feet in area. Figures 2 and 3 show the proposed rear (west) and side (north) elevations of the addition. The addition will have painted Hardie plank siding, a new shingle roof, new skylight, and new windows. The plans note that all window glass will be clear, Low-E with a maximum U-factor of 0.30. The skylight glass will have a maximum U-factor of 0.55. There will be a new HVAC condenser unit mounted to the exterior north wall of the first floor of the rear addition. Otherwise, the existing first floor of the rear addition, as well as the existing roof of the main massing, will remain unchanged.



*Figure 2. Proposed rear (west) elevation.*

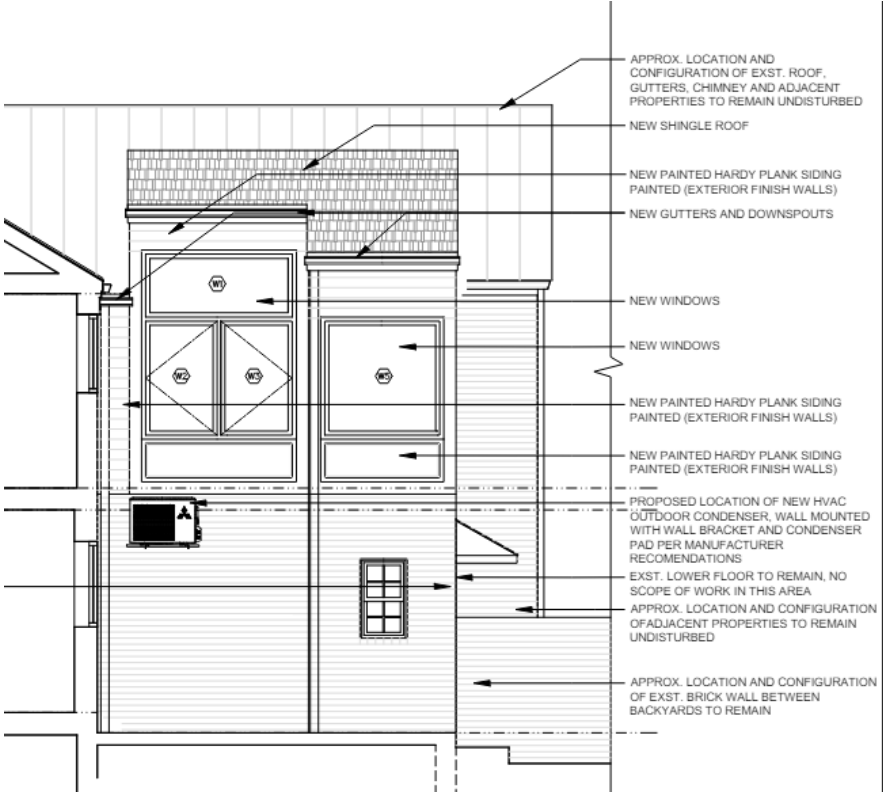


Figure 3. Proposed side (north) elevation.

Permit to Demolish/Capsulate

In considering a Permit to Demolish/Capsulate, the Board must consider the following criteria set forth in the Zoning Ordinance, §10-105(B) which relate only to the subject property and not to neighboring properties. The Board has purview of the proposed demolition/capsulation regardless of visibility.

Standard	Description of Standard	Standard Met?
(1)	Is the building or structure of such architectural or historical interest that its moving, removing, capsulating or razing would be to the detriment of the public interest?	No
(2)	Is the building or structure of such interest that it could be made into a historic shrine?	No
(3)	Is the building or structure of such old and unusual or uncommon design, texture and material that it could not be reproduced or be reproduced only with great difficulty?	No

(4)	Would retention of the building or structure help preserve the memorial character of the George Washington Memorial Parkway?	N/A
(5)	Would retention of the building or structure help preserve and protect an historic place or area of historic interest in the city?	No
(6)	Would retention of the building or structure promote the general welfare by maintaining and increasing real estate values, generating business, creating new positions, attracting tourists, students, writers, historians, artists and artisans, attracting new residents, encouraging study and interest in American history, stimulating interest and study in architecture and design, educating citizens in American culture and heritage, and making the city a more attractive and desirable place in which to live?	No

The analysis of the standards indicated above relate only to the specific portions of the building proposed for demolition/capsulation, not the overall building. In the opinion of staff, none of the criteria for demolition and capsulation are met and the Permit to Demolish/Capsulate should be granted. The select portions of the building proposed for demolition/capsulation are not themselves of unusual or uncommon design. The historic integrity of the structure will be largely unaffected by the proposed work.

Staff therefore has no objection to the partial demolition and recommends approval of the Permit to Demolish/Capsulate.

Certificate of Appropriateness

According to the *Design Guidelines*, “As a general rule, the stylistic characteristics of additions to residential buildings should reflect the historical architectural styles found within the historic districts” and “Additions must be designed so that they are compatible with both the architectural character of the existing house and the immediate neighborhood.” In the opinion of staff, the style of the proposed addition is sympathetic to both the 1941 massing and the 1965 addition. The applicant proposes to use high-quality modern materials that are historically appropriate. The new addition will only be visible from the public alley at certain angles and will blend in with the existing architecture.

Overall, staff finds the new addition appropriate and recommends approval of the Permit to Demolish (partial) and Certificate of Appropriateness, with the following conditions:

- The applicant must work with staff to submit window specifications that comply with the guidelines found in the *BAR Policies for Administrative Approval*.
- The roof of the new addition must use architectural composition shingles, rather than 3-tab shingles.

**STAFF**

Brendan Harris, Historic Preservation Planner, Planning & Zoning  
Tony LaColla, AICP, Land Use Services Division Chief, Planning & Zoning

**CITY DEPARTMENT COMMENTS**

Legend: C- code requirement R- recommendation S- suggestion F- finding

**Zoning**

C-1 Proposed second story rear addition will comply with zoning

C-2 Addition must not take away from the required open space.

C-3 Addition must meet the 16' minimum required rear setback.

F-1 Party wall on either side will have no required side yard setbacks for this addition.

F-1 The open space requirement for the RM zone is 35% of the lot area.

**Code Administration**

C-1 A building permit is required.

**Transportation and Environmental Services**

**CONDITIONS**

- R1. The building permit must be approved and issued prior to the issuance of any permit for demolition, if a separate demolition permit is required. (T&ES)
- R2. Applicant shall be responsible for repairs to the adjacent city right-of-way if damaged during construction activity. (T&ES)
- R3. No permanent structure may be constructed over any existing private and/or public utility easements. It is the responsibility of the applicant to identify any and all existing easements on the plan. (T&ES)

**FINDINGS:**

- F1. After review of the information provided, an approved grading plan is not required at this time. Please note that if any changes are made to the plan it is suggested that T&ES be included in the review. (T&ES)
- F2. If the alley located at the rear of the parcel is to be used at any point of the construction process the following will be required:
  - For a Public Alley - The applicant shall contact T&ES, Construction Permitting & Inspections at (703) 746-4035 to discuss any permits and accommodation requirements that will be required.
  - For a Private Alley - The applicant must provide proof, in the form of an affidavit at a minimum, from owner of the alley granting permission of use. (T&ES)

**CODE REQUIREMENTS**

- C1. The applicant shall comply with the City of Alexandria’s Solid Waste Control, Title 5, Chapter 1, which sets forth the requirements for the recycling of materials (Sec. 5-1-99). (T&ES)
- C2. The applicant shall comply with the City of Alexandria's Noise Control Code, Title 11, Chapter 5, which sets the maximum permissible noise level as measured at the property line. (T&ES)
- C3. Roof, surface and sub-surface drains be connected to the public storm sewer system, if available, by continuous underground pipe. Where storm sewer is not available applicant must provide a design to mitigate impact of stormwater drainage onto adjacent properties and to the satisfaction of the Director of Transportation & Environmental Services. (Sec.5-6-224) (T&ES)
- C4. All secondary utilities serving this site shall be placed underground. (Sec. 5-3-3) (T&ES)
- C5. Any work within the right-of-way requires a separate permit from T&ES. (Sec. 5-2) (T&ES)
- C6. All improvements to the city right-of-way such as curbing, sidewalk, driveway aprons, etc. must be city standard design. (Sec. 5-2-1) (T&ES)

**Alexandria Archaeology**

No archaeology comments.

**V. ATTACHMENTS**

1 – Application Materials

- Completed application
- Plans
- Material specifications
- Scaled survey plat if applicable
- Photographs

2 – Supplemental Materials

- Public comment, if applicable
- Any other supporting documentation



ADDRESS OF PROJECT: 729 SOUTH PITT STREET

DISTRICT:  Old & Historic Alexandria  Parker – Gray  100 Year Old Building

TAX MAP AND PARCEL: 080.04-01-06 ZONING: RM

**APPLICATION FOR:** *(Please check all that apply)*

CERTIFICATE OF APPROPRIATENESS

PERMIT TO MOVE, REMOVE, ENCAPSULATE OR DEMOLISH  
*(Required if more than 25 square feet of a structure is to be demolished/impacted)*

WAIVER OF VISION CLEARANCE REQUIREMENT and/or YARD REQUIREMENTS IN A VISION CLEARANCE AREA *(Section 7-802, Alexandria 1992 Zoning Ordinance)*

WAIVER OF ROOFTOP HVAC SCREENING REQUIREMENT  
*(Section 6-403(B)(3), Alexandria 1992 Zoning Ordinance)*

**Applicant:**  Property Owner  Business *(Please provide business name & contact person)*

Name: Ashley Bone

Address: 729 S Pitt St.

City: Alexandria State: va Zip: 22314

Phone: (571) 268 1972 E-mail: ashley.w.bone@gmail.com

**Authorized Agent** *(if applicable):*  Attorney  Architect  drafter

Name: Carlos Laborde Phone: 702 220 2950

E-mail: f.laborde@verizon.net

**Legal Property Owner:**

Name: Ashley W. Bone and Samantha L. Shelton

Address: 729 S Pitt St

City: Alexandria State: VA Zip: 22314

Phone: (571) 268 1972 E-mail: ashley.w.bone@gmail.com

**NATURE OF PROPOSED WORK:** *Please check all that apply*

- NEW CONSTRUCTION
- EXTERIOR ALTERATION: *Please check all that apply.*
  - awning
  - fence, gate or garden wall
  - HVAC equipment
  - shutters
  - doors
  - windows
  - siding
  - shed
  - lighting
  - pergola/trellis
  - painting unpainted masonry
  - other \_\_\_\_\_
- ADDITION
- DEMOLITION/ENCAPSULATION
- SIGNAGE

**DESCRIPTION OF PROPOSED WORK:** *Please describe the proposed work in detail (Additional pages may be attached).*

\_\_\_\_\_  
 BUILD A FOUR SEASON PORCH ABOVE EXISTING HOUSE FAMILY ROOM. THE PROPOSED 194 SQ. FT. ADDITION IS TO BE BUILD ON THE BACK  
 OF THE HOUSE. AND THE TOTAL HEIGHT OF THE PROPOSED ADDITION WILL BE LOWER THAN THE EXISTING HOUSE ROOF  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**SUBMITTAL REQUIREMENTS:**

Check this box if there is a homeowner's association for this property. If so, you must attach a copy of the letter approving the project.

Items listed below comprise the **minimum supporting materials** for BAR applications. Staff may request additional information during application review. Please refer to the relevant section of the *Design Guidelines* for further information on appropriate treatments.

Applicants must use the checklist below to ensure the application is complete. Include all information and material that are necessary to thoroughly describe the project. Incomplete applications will delay the docketing of the application for review. Pre-application meetings are required for all proposed additions. All applicants are encouraged to meet with staff prior to submission of a completed application.

**Demolition/Encapsulation :** *All applicants requesting 25 square feet or more of demolition/encapsulation must complete this section. Check N/A if an item in this section does not apply to your project.*

- Survey plat showing the extent of the proposed demolition/encapsulation.
- Existing elevation drawings clearly showing all elements proposed for demolition/encapsulation.
- Clear and labeled photographs of all elevations of the building if the entire structure is proposed to be demolished.
- Description of the reason for demolition/encapsulation.
- Description of the alternatives to demolition/encapsulation and why such alternatives are not considered feasible.

**Additions & New Construction:** Drawings must be to scale and should not exceed 11" x 17" unless approved by staff. Check N/A if an item in this section does not apply to your project.

- <sup>N/A</sup> Scaled survey plat showing dimensions of lot and location of existing building and other structures on the lot, location of proposed structure or addition, dimensions of existing structure(s), proposed addition or new construction, and all exterior, ground and roof mounted equipment.
- FAR & Open Space calculation form.
- Clear and labeled photographs of the site, surrounding properties and existing structures, if applicable.
- Existing elevations must be scaled and include dimensions.
- Proposed elevations must be scaled and include dimensions. Include the relationship to adjacent structures in plan and elevations.
- Materials and colors to be used must be specified and delineated on the drawings. Actual samples may be provided or required.
- Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- For development site plan projects, a model showing mass relationships to adjacent properties and structures.

**Signs & Awnings:** One sign per building under one square foot does not require BAR approval unless illuminated. All other signs including window signs require BAR approval. Check N/A if an item in this section does not apply to your project.

- <sup>N/A</sup>  Linear feet of building: Front: \_\_\_\_\_ Secondary front (if corner lot): \_\_\_\_\_.
- Square feet of existing signs to remain: \_\_\_\_\_.
- Photograph of building showing existing conditions.
- Dimensioned drawings of proposed sign identifying materials, color, lettering style and text.
- Location of sign (show exact location on building including the height above sidewalk).
- Means of attachment (drawing or manufacturer's cut sheet of bracket if applicable).
- Description of lighting (if applicable). Include manufacturer's cut sheet for any new lighting fixtures and information detailing how it will be attached to the building's facade.

**Alterations:** Check N/A if an item in this section does not apply to your project.

- <sup>N/A</sup> Clear and labeled photographs of the site, especially the area being impacted by the alterations, all sides of the building and any pertinent details.
- Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- Drawings accurately representing the changes to the proposed structure, including materials and overall dimensions. Drawings must be to scale.
- An official survey plat showing the proposed locations of HVAC units, fences, and sheds.
- Historic elevations or photographs should accompany any request to return a structure to an earlier appearance.

**ALL APPLICATIONS:** *Please read and check that you have read and understand the following items:*

- I understand that after reviewing the proposed alterations, BAR staff will invoice the appropriate filing fee in APEX. The application will not be processed until the fee is paid online.
- I understand the notice requirements and will return a copy of the three respective notice forms to BAR staff at least five days prior to the hearing. If I am unsure to whom I should send notice I will contact Planning and Zoning staff for assistance in identifying adjacent parcels.
- I, the applicant, or an authorized representative will be present at the public hearing.
- I understand that any revisions to this initial application submission (including applications deferred for restudy) must be accompanied by the BAR Supplemental form and revised materials.

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The undersigned hereby attests that all of the information herein provided including the site plan, building elevations, prospective drawings of the project, and written descriptive information are true, correct and accurate. The undersigned further understands that, should such information be found incorrect, any action taken by the Board based on such information may be invalidated. The undersigned also hereby grants the City of Alexandria permission to post placard notice as required by Article XI, Division A, Section 11-301(B) of the 1992 Alexandria City Zoning Ordinance, on the property which is the subject of this application. The undersigned also hereby authorizes the City staff and members of the BAR to inspect this site as necessary in the course of research and evaluating the application. The applicant, if other than the property owner, also attests that he/she has obtained permission from the property owner to make this application.

**APPLICANT OR AUTHORIZED AGENT:**

Signature: Ashley W. Bone

Printed Name: Ashley W. Bone

Date: 5/30/2024

**OWNERSHIP AND DISCLOSURE STATEMENT**

Use additional sheets if necessary

1. Applicant. State the name, address and percent of ownership of any person or entity owning an interest in the applicant, unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

<b>Name</b>	<b>Address</b>	<b>Percent of Ownership</b>
1. Ashley Bone	729 S Pitt St Alexandria VA 22314	50
2. Samantha Shelton	729 S Pitt St Alexandria VA 22314	50
3.		

2. Property. State the name, address and percent of ownership of any person or entity owning an interest in the property located at 729 S Pitt st Alexandria VA 22314 (address), unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

<b>Name</b>	<b>Address</b>	<b>Percent of Ownership</b>
1. Ashley Bone	729 S Pitt St Alexandria VA 22314	50
2. Samantha Shelton	729 S Pitt St Alexandria VA 22314	50
3.		

3. Business or Financial Relationships. Each person or entity listed above (1 and 2), with an ownership interest in the applicant or in the subject property is required to disclose **any** business or financial relationship, as defined by Section 11-350 of the Zoning Ordinance, existing at the time of this application, or within the 12-month period prior to the submission of this application with any member of the Alexandria City Council, Planning Commission, Board of Zoning Appeals or either Boards of Architectural Review.

<b>Name of person or entity</b>	<b>Relationship as defined by Section 11-350 of the Zoning Ordinance</b>	<b>Member of the Approving Body (i.e. City Council, Planning Commission, etc.)</b>
1.		
2.		
3.		

**NOTE: Business or financial relationships of the type described in Sec. 11-350 that arise after the filing of this application and before each public hearing must be disclosed prior to the public hearings.**

As the applicant or the applicant's authorized agent, I hereby attest to the best of my ability that the information provided above is true and correct.

5/30/2024

Date

Ashley W Bone

Printed Name

Ashley W Bone

Signature



# Department of Planning and Zoning

## Floor Area Ratio and Open Space Calculations for Single and Two-Family Residential Outside Historic Districts

A

### A. Property Information

A1. 729 S PITT STREET RM  
 Street Address Zone

A2. 1,683.00 x 1.50 = 2,524.50  
 Total Lot Area Floor Area Ratio Allowed by Zone Maximum Allowable Floor Area

### B. Existing Gross Floor Area

<u>Existing Gross Area</u>		<u>Allowable Exclusions**</u>		
Basement	420.00	Basement**		B1. 1,454.00 Sq. Ft.
First Floor	614.00	Stairways**		Existing Gross Floor Area*
Second Floor	420.00	Mechanical**		B2. 0.00 Sq. Ft.
Third Floor		Attic less than 7'***		Allowable Floor Exclusions**
Attic		Porches**		B3. 1,454.00 Sq. Ft.
Porches		Balcony/Deck**		Existing Floor Area Minus Exclusions (subtract B2 from B1)
Balcony/Deck		Garage**		<b>Comments for Existing Gross Floor Area</b> <div style="border: 1px solid gray; height: 40px; margin-top: 5px;"></div>
Garage		Other***		
Other***		Other***		
<b>B1. Total Gross</b>	<b>1,454.00</b>	<b>B2. Total Exclusions</b>	<b>0.00</b>	

### C. Proposed Gross Floor Area

<u>Proposed Gross Area</u>		<u>Allowable Exclusions**</u>		
Basement		Basement**		C1. 194.00 Sq. Ft.
First Floor		Stairways**		Proposed Gross Floor Area*
Second Floor	194.00	Mechanical**		C2. 0.00 Sq. Ft.
Third Floor		Attic less than 7'***		Allowable Floor Exclusions**
Attic		Porches**		C3. 194.00 Sq. Ft.
Porches		Balcony/Deck**		Proposed Floor Area Minus Exclusions (subtract C2 from C1)
Balcony/Deck		Garage**		
Garage		Other***		
Other***		Other***		
<b>C1. Total Gross</b>	<b>194.00</b>	<b>C2. Total Exclusions</b>	<b>0.00</b>	

### Notes

\*Gross floor area for residential single and two-family dwellings in the R-20, R-12, R-8, R-5, R-2-5, RB and RA zones (not including properties located within a Historic District) is the sum of all areas under roof of a lot, measured from exterior walls.

\*\* Refer to the Zoning Ordinance (Section 2-145(A)) and consult with Zoning Staff for information regarding allowable exclusions. Sections may also be required for some exclusions.

\*\*\* Refer to the Zoning Ordinance (Section 2-145(A)) and consult with Zoning Staff for additional allowable exclusions. Additional exclusions may include space under balconies, retractable awnings, etc.

### D. Total Floor Area

D1. 1,648.00 Sq. Ft.  
 Total Floor Area (add B3 and C3)

D2. 2,524.50 Sq. Ft.  
 Total Floor Area Allowed by Zone (A2)

### E. Open Space (RA & RB Zones)

E1. 1,013 Sq. Ft.  
 Existing Open Space

E2. 589 <sup>35% OF</sup> 1,683 Sq. Ft.  
 Required Open Space

E3. 1,013 Sq. Ft.  
 Proposed Open Space

The undersigned hereby certifies and attests that, to the best of his/her knowledge, the above computations are true and correct.

Signature: **Carlos Laborde**

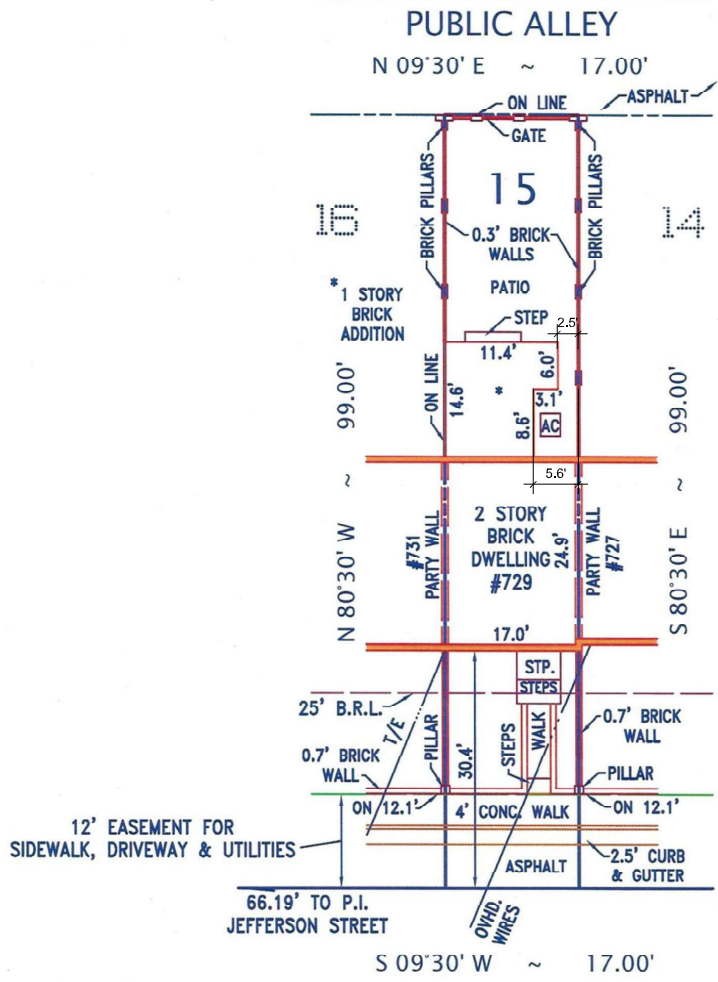
Digitally signed by Carlos Laborde  
 Date: 2024.04.16 16:41:12 -04'00'

Date: 4-16-2024

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NOTE: 1. AREA = 1,683 S.F.  
2. WALLS ARE 0.3' BRICK UNLESS NOTED.

3. SOME IMPROVEMENTS MAY NOT HAVE BEEN VISIBLE BECAUSE OF SNOW AND MAY NOT BE SHOWN.

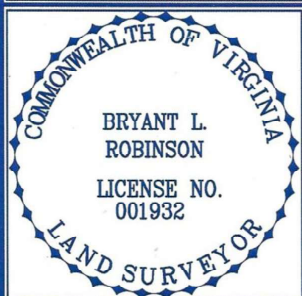
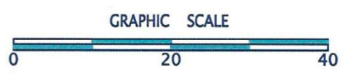


NOTE:  
THE DISTANCE FROM THE PROPERTY LINE TO THE PROPOSED ADDITION IS EXISTING TO REMAIN.  
(DISTANCES ARE 2.5' AND 5.6' PER PLAT AND FIELD SURVEY)  
THE NEW PROPOSED SECOND FLOOR ADDITION IS FLUSH / ALIGNED WITH THE EXISTING HOUSE.

# SOUTH PITT STREET

66' WIDE

PLAT  
SHOWING HOUSE LOCATION ON  
LOT 15 BLOCK 5  
**YATES GARDENS**  
CITY OF ALEXANDRIA, VIRGINIA  
SCALE: 1" = 20'      FEBRUARY 5, 2004



CASE NAME: JACKSON - SHELTON/BONE

PLAT SUBJECT TO RESTRICTIONS OF RECORD.  
TITLE REPORT NOT FURNISHED.  
I HEREBY CERTIFY THAT THE POSITIONS OF ALL THE EXISTING IMPROVEMENTS HAVE BEEN CAREFULLY ESTABLISHED BY A TRANSIT TAPE SURVEY AND UNLESS OTHERWISE SHOWN, THERE ARE NO VISIBLE ENCROACHMENTS.  
*Bryant L. Robinson*  
BRYANT L. ROBINSON, . . . . . L.S.

REQUESTED BY:  
**THE SETTLEMENT GROUP**  
**ALEXANDRIA SURVEYS**  
INTERNATIONAL, LLC  
6343 SOUTH KINGS HIGHWAY ALEXANDRIA, VIRGINIA 22306  
TEL. NO. 703-660-6615 FAX NO. 703-768-7764

**ABBREVIATIONS**

AFF Above Finish Floor	FD Fire Damper	PAL Paneboard
ACOUST. Acoustical	FLO Floor	PAV Pavement
ADJ. Adjacent	FLEX Flexible	P. LAM. Plastic Laminated
A/C Air Conditioning	FD Floor Drain	PLUMB. Plumbing
ALUM. Aluminum	FLUOR. Fluorescent	PLYWD. Plywood
A AMP Ampere	FTG. Footing	PCV Polyvinyl Chloride Conduit
APPROX. Approximate	GAL. Gallon, Gallons	PCF Pounds Per Cubic Foot
ARCH. Architectural	GALV. Galvanized	PSF Pounds Per Square Foot
AUTO Automatic	GA. Gauge	PWR Pounds Per Square Inch
BSMT. Basement	GEN. Generator	PC Precast
BSM. Beam	GOVT. Government	PRELIM. Preliminary
BRG. Bearing	GVL. Gavel	PROP. Property
BTWN. Between	GRD. Ground	QTY. Quantity
BLKG. Blocking	GWB. Gypsum Drywall Board	QT. Quarry Tile
BTM. Bottom	HT. Hardware	RECOMM. Recommendations
BTUL. British Thermal Unit	HT. Height	REF. Reference
B.D.G. Building	HMC. Hollow Core Wood Door	REFR. Refrigerator
CAB. Cabinet	HR. Horizontal	REINFR. Reinforcing
CAP. Capacity	H.W. Hot Water	REQD. Required
CPT. Carpet	IN. Inch, Inches	RH Right Hand
CI Cast Iron	INCH. Inche	Riser
CLOS. Center Line	INCH. Inche	Room
C.L.S. Ceiling	INCH. Inche	Room
CM Ceramic	INSUL. Insulation	ROOF. Roof Drain
CER. Ceramic	INT. Interior	RIM. Rim
C.O. Clean Out	INV. Invert	RO. Rough Opening
C.D. Column	JC. Janitor's Closet	SAT. Suspended Acoustical Tile
CONC. Concrete	KIT. Kitchen	SECC. Section, Sections
CMU Concrete Masonry Unit	KW. Kilowatts	SER. Service, Services
CONC. Construction Documents	LAM. Laminated	SSK. Service Sink
C. COND. Condensation	LAV. Lavatory	SHT. Sheet
CONSTR. Construction	LIBS. Linoleum	SH. Similar
CONT. Continuation, Continuous	LLH. Long Leg Horizontal	SCWD. Solid Core Wood Door
DEG. Degree	LLV. Long Leg Vertical	SPEC. Specification
DEPT. Department	MAR. Marble	SQ. Square
DET. Detail	MFG. Manufacturer	S.S. Stainless Steel
DF. Drinking Fountain	MAS. Masonry	STD. Standard
DIA. Diameter	MAT. Material	STL. Steel
DIM. Dimension	MAX. Maximum	STOR. Storage
DR. Door	MCH. Mechanical	STRUCT. Structural
DWL. Down	MET. Metal	THK. Thick
DN. Down	MM. Millimeter	THRESH. Threshold
DS. Down Spout	MISC. Miscellaneous	THRU. Through
DWG. Drawing	MOD. Modification	TRT. Treated
D. Drain	MNTG. Mounting	TYP. Typical
EA. Electrical Panel	MTG. Mounting	U.O.N. Unless Otherwise Noted
ELEC. Electrical	N/A. Not Applicable	UNT. Until
EP. Elevation, Elevations	NTS. Not To Scale	V. Voltage, Volts
EMER. Emergency	O.C. On Center	WH. Water Heater
ELEV. Elevation	OPNG. Opening	WC. Water Closet
EQUIP. Equipment	OSD. Outside Diameter	WP. Waterproofing
ETC. Etcetera	PART. Partition	W. With
EXIST. Existing	PD. Painted	W/O. Without
EXP. Expansion	PKT. Plaster	WD. Wood
EXT. Exterior	PR. Pair	
EXTN. Extraneous		
EW. Electrical Water Cooler		
FT. Feet, Foot		
FIN. Finish		

**DRAWING INDEX**

- A-001 COVER SHEET
- A-002 GENERAL NOTES
- A-100 EXISTING HOUSE FLOOR PLANS, SECTIONS AND ELEVATIONS
- A-110 PROPOSED DEMOLITION AND NEW CONSTRUCTION PLANS
- A-210 ELEVATIONS AND SECTIONS
- A-220 SECTIONS
- A-500 DETAILS AND SCHEDULES
- S-001 STRUCTURAL GENERAL NOTES
- S-002 FRAMING PLANS, DETAILS AND NOTES

PROJECT NAME: FOUR SEASON PORCH ADDITION  
 ADDRESS: 729 PITT STREET ALEXANDRIA, VA 22314-4307  
 OWNERS: SAMANTHA SHELTON AND ASHLEY BONE  
 CONSTRUCTION TYPE: V-B  
 USE GROUP: R-3 (RESIDENTIAL)  
 NUMBER OF STORIES: 2 FLOORS ABOVE GRADE

AREA OF EXST. BASAMENT: 420 SF  
 AREA OF EXST. MAIN FLOOR: 614 SF  
 AREA OF EXST. FIRST FLOOR: 420 SF  
 AREA OF EXST. HOUSE: 1,454 SF

PROPOSED NEW BACK ADDITION: 194 SF  
 PROPOSED NEW HOUSE TOTAL: 1,648 SF

DESCRIPTION OF WORK: BUILD A FOUR SEASON PORCH OVER EXISTING MAIN ROOF FLAT ROOF.

**CODE SUMMARY**

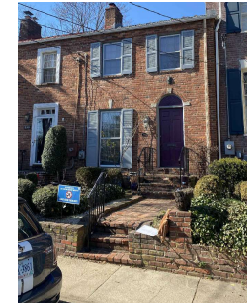
- 2021 Uniform Statewide Building Code (USBC)
- 2021 Virginia Construction Code (IBC)
- 2021 Virginia Residential Code
- 2017 Accessible and Usable Buildings and Facilities (ICC/ANSI A117.1)
- 2021 Virginia Energy Conservation Code
- 2021 Virginia Mechanical Code (IMC)
- 2021 Virginia Plumbing Code (IPC)
- 2021 Virginia Fuel Gas Code (IFGC)
- 2020 National Electric Code
- 2021 Virginia Existing Building Code (IBC)
- 2021 Virginia Maintenance Code (IBC)
- 2021 Virginia Building and Fire Code Related Regulations
- 2021 Statewide Fire Prevation Code

**FOUR SEASON PORCH ADDITION**

729 PITT STREET  
 ALEXANDRIA  
 VA 22314-4307

OWNERS:  
**SAMANTHA SHELTON AND ASHLEY BONE**  
 729 PITT STREET  
 ALEXANDRIA, VA 22314-4307

**FRONT FACADE**



**BACK FACADE**



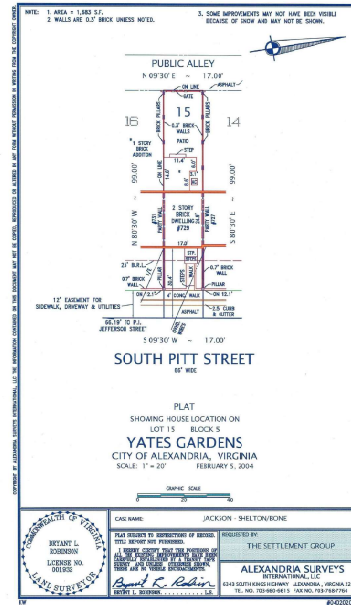
**GRAPHIC SYMBOLS**

1 DRAWING TITLE	XXXX FURNITURE TAG
SCALE	XXXX FINISH TAG
ELEVATION	REVISION
SECTION	NOTE REFERENCE
DETAIL	NOTE NUMBER
DOOR NUMBER	PARTITION TYPE

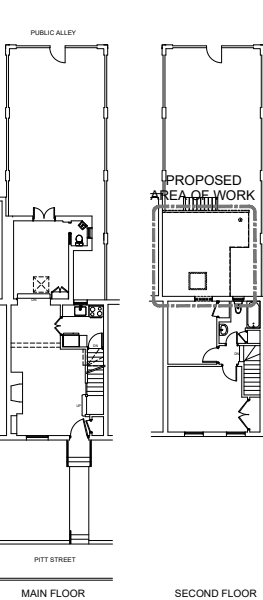
**MATERIAL SYMBOLS**

WOOD BLOCKING	STEEL
PLYWOOD	CEILING TILE
HARDWOOD	CERAMIC TILE
GYPSUM	RIGID INSULATION
GLASS	EARTH
INSULATION	CMU
	BRICK

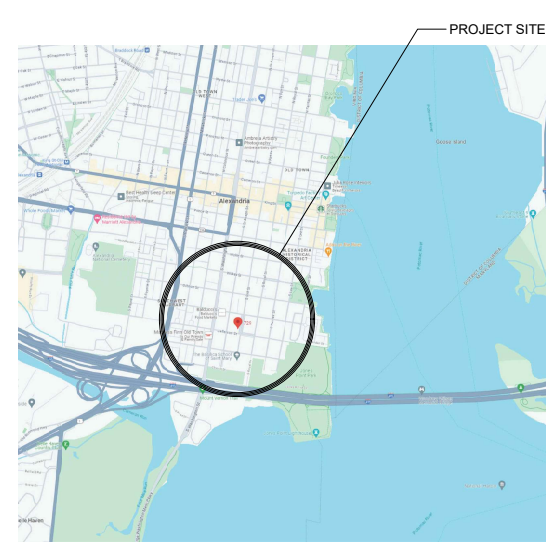
**PLOT PLAN**



**KEY PLAN**



**VICINITY PLAN**



**FOUR SEASON PORCH ADDITION**  
 729 PITT STREET ALEXANDRIA, VA 22314-4307  
 OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

PERMIT SET 4-12-2024

729 PITT STREET  
 ALEXANDRIA  
 VA 22314-4307

FOUR SEASON PORCH ADDITION

COVER SHEET

**A-001**



**SITE WORK**

- ALL BACKFILL AT STRUCTURES, SLABS, STEPS AND PAVEMENTS SHALL BE CLEAR GRANULAR FILL, PLACE IN 8" LAYERS MAXIMUM, AND COMPACT. BUILDING SIRE SHALL BE KEPT DRY SO THAT EROSION WILL NOT OCCUR IN THE FOUNDATIONS.
- AT LAWNS AND UNPAVED AREAS SHALL BE FREE FROM DEBRIS, VEGETABLE MATTER, WASTE AND FROZEN MATERIALS. PLACE IN 12" LAYERS AND COMPACT.
- ALL SLABS ON GRADE SHALL BEAR ON MECHANICALLY COMPACTED CRUSHED WASHED STONE CAPABLE OF SUPPORTING 2,000 P.S.F.
- BACKFILL SHALL BE BROUGHT UP EQUALLY ON EACH SIDE OF WALLS. DO NOT BACKFILL UNTIL WALLS HAVE CURED OR ARE PROPERLY BRACED.
- THE CONTRACTOR(S) MUST TAKE MEASURES TO CONTROL SOIL EROSION OF STEEP BANKS DURING CONSTRUCTION. WHEN NEW CONSTRUCTION IS COMPLETE, THE CONTRACTOR(S) SHALL REGRADE DISTURBED AREAS AND PLANT SUITABLE VEGETATION TO PREVENT EROSION.

**CONCRETE**

- ALL REINFORCED CONCRETE SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE CURRENT ACI-318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH FOR 3000 PSI.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. WELDED WIRE FABRIC SHALL BY 6X6/10/10 AND CONFORM WITH ASTM A185.
- ALL EXTERIOR CONCRETE USED FOR SIDEWALKS OR PATIOS SHALL TO BE AIR-ENTRAINED, 3500 PSI MINIMUM.
- PROVIDE CONCRETE REINFORCING BARS AT FOOTING LOCATIONS. BARS SHALL BE (2) 5 AT INTERIOR FOOTINGS & (3) 5 EXTERIOR FOOTINGS THE BOTTOM WITH A MINIMUM OF 3" CONCRETE COVER UNLESS NOTED OTHERWISE.
- PROVISIONS MUST BE TAKEN TO PROTECT ALL CONCRETE WORK FROM FROST DAMAGE WITH SPECIAL ATTENTION PAID TO FOOTINGS AND OTHER ON-GRADE CONSTRUCTION PRIOR TO BACKFILLING AND ENCLOSING THE BUILDING.
- ANCHOR BOLTS SHALL BE GALVANIZED 1/2" DIAMETER (MIN.) 8" EMBEDDED FOR CMU WALLS & MIN. 7" EMBEDDED FOR WOOD SILL PLATES FOR EXT. & LOAD BEARING INT. WALLS. PLACEMENT OF ANCHOR BOLTS SHALL BE 6" O.C. MAX. SPACING U.O.N., MIN. 2 BOLTS PER PIECE. BOLTS SHALL BE MIN. 4" & MAX. 12" FROM ENDS OF EACH PLATE PIECE.
- PROVIDE 6 MIL POLYETHYLENE VAPOR BARRIER MEMBRANE COMPLYING WITH ASTM D-2103 UNDER SLABS.

**MASONRY**

- ALL HOLLOW LOAD-BEARING BLOCK TO CONFORM TO ASTM C90. ALL SOLID BLOCK TO CONFORM TO CM4. MINIMUM NET COMPRESSIVE STRENGTH SHALL BE 1000 PSI. USE TRUSS TYPE GALVANIZED HORIZONTAL REINFORCEMENT EVERY 2 COURSES MINIMUM THROUGHOUT. INSTALL REINFORCEMENT AT EVERY COURSE FOR 1ST THREE COURSES.

**METALS**

- STEELWORK SHALL CONFORM TO THE CONFORM TO THE CURRENT SPECIFICATIONS FOR THE DESIGN FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AS ADOPTED BY THE AISC. CONNECTIONS SHALL BE BOLTED OR WELDED. BOLTS SHALL CONFORM TO ASTM A-325 AND BE 3/4" DIAMETER UNLESS NOTED OTHERWISE.
- ALL STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH ASTM SPECIFICATIONS A-36. STEEL FOR PIPE COLUMNS SHALL BE OF EQUIVALENT CAPACITY AND WELDABILITY TO ASTM SPECIFICATIONS A-50.
- ALL STEEL SHALL BE PAINTED WITH ONE SHOP COAT OF RED PAINT PRIMER.

**WOOD AND PLASTICS**

- ALL WOODS AND WOOD CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND CODES, INCLUDING CURRENT MODIFICATIONS AS SPECIFIED HEREIN:
  1. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (STANDARDS MANUAL)
  2. NATIONAL FOREST PRODUCTS ASSOCIATION-NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION
  3. SOUTHERN PINE INSPECTION BUREAU- STANDARD GRADING SOUTHERN PINE LUMBER
  4. TRUSS PLATE INSTITUTE- DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES
  5. AMERICAN PLYWOOD ASSOCIATION- GUIDE TO PLYWOOD FOR FLOORS PLYWOOD SHEATHING FOR WALLS AND ROOFS
  6. AMERICAN WOOD PRESERVES ASSOCIATION STANDARDS
- ALL STRUCTURAL LUMBER SHALL BE HEM FIR 2, S-P-F, OR D-FIR IN SUITABLE STRESS GRADE LUMBER UNLESS NOTED OTHERWISE. (E-1,300,000 PSI).
- ALL STRUCTURAL LUMBER SHALL BE STAMPED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION'S "CONSTRUCTION MANUAL".
- DESIGN FABRICATION AND INSTALLATION OF TRUSSES (IF USED) AND SHEET METAL CONNECTORS SHALL BE IN ACCORDANCE WITH 2018 IRC PER APPLICABILITY LIMITS IN SECTION R602.10.2.1 OR 2018 IRC 2303.4
- SHOP DRAWINGS FOR TRUSSES (IF USED) SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER WHERE REQUIRED BY THE STATUTES OF THE JURISDICTION IN WHICH THE PROJECT IS TO BE CONSTRUCTED AND SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING ITEMS:
  1. DRAFTER PLAN LAY-OUTS IDENTIFYING ALL TRUSSES
  2. CALCULATIONS FOR LOAD DETERMINATION ON TRUSSES, GIVING UNIFORM LOADS (PARTIAL OR OTHERWISE) AND POINT LOADS.
  3. TRUSS CONFIGURATION DRAWING SHOWING STRESSES ON ALL MEMBERS REACTIONS AT SUPPORTS, AND STRESSES ON ALL MEMBERS INCLUDING PLATES.
- INSTALL PRESSURE TREATED LUMBER WHERE LUMBER IS IN CONTACT WITH CONCRETE OR EXTERIOR GRADE & AT ALL BALCONY DECKS.
- ALL HEADERS AT BEARING CONDITIONS SHALL BE SIZED AS SHOWN ON PLANS.
- DOUBLE FLOOR TRUSSES SHALL BE INSTALLED UNDER ALL INTERIOR PARTITIONS RUNNING PARALLEL TO FRAMING. PROVIDE SOLID BLOCKING UNDER ALL POINT LOADS AND COLLIMNS.
- ROOF SHEATHING SHALL BE APA RATED 5/ 8" EXTERIOR GRADE PLYWOOD (UNLESS OTHERWISE NOTED ON PLANS). PROVIDE PANEL- CLIPS AT MID-SPAN FOR SPANS GREATER THAN 16' O.C. (OR OSB)
- ALL INTERIOR TRIM TO BE BUILDER STANDARD PINE, PRIMED & PAINTED, U.N.O.
- SOFFITS SHALL BE VENTED WNYL (SEE WALL SECTIONS)

**DOORS AND WINDOWS**

- REFERENCE STANDARDS FOR METAL DOORS, WOOD DOORS, AND WINDOWS SHALL BE AS FOLLOWS:
  1. UNDERWRITERS LABORATORIES INC. BUILDING MATERIALS DIRECTORY
  2. NATIONAL FIRE PROTECTION ASSOCIATION, PAMPHLET NO. 80 STANDARD FOR FIRE DOORS AND WINDOWS
  3. NATIONAL WOODWORK MANUFACTURERS ASSOCIATION, I.S. 1078 WOOD FLUSH DOORS
  4. AIR LEAKAGE ASTM E283
  5. WATER RESISTANCE ASTM E331
- GLAZING IN LOCATIONS WHICH MAY BE SUBJECT TO HUMAN IMPACT SUCH AS FRAMELESS GLASS DOORS, GLASS ENTRANCED AND EXIT DOORS, FIXED GLASS, PANELESS SLIDING GLASS DOORS, SHOWER DOORS, TUB ENCLOSURES AND STORM DOORS SHALL MEET THE REQUIREMENTS SET FORTH IN THE BUILDING CODE AND THE SAFETY STANDARD FOR GLAZING MATERIALS (16 CFR 1201). ANY GLAZED PANELS LOCATED WITHIN 12" OF A DOOR WHICH MAY BE MISTAKEN FOR OPENINGS OF HUMAN PASSAGE SHALL BE TEMPERED GLASS UNLESS SUCH PANELS ARE PROVIDED WITH A HORIZONTAL MEMBER OF 1-1/2" (MIN) IN WIDTH AND LOCATED 36" ABOVE THE WALKING SURFACE.
- ALL FENESTRATION SHALL MEET THE AIR INFILTRATION STANDARDS PER DC ENERGY CONSERVATION CODE TABLE R402.4.3 AND SHALL BE CERTIFIED AND LABELED. MANUFACTURER AS SELECTED BY OWNER OR AS SHOWN ON THE DRAWINGS.
- CONTRACTOR(S) TO PROVIDE SHOP DRAWINGS ON ALL MILLWORK OR NON-STOCK MATERIALS FOR ARCHITECT'S APPROVAL IF REQUESTED BY OWNER.
- WINDOWS BEADED UPON MANUFACTURER AS SPECIFIED ON DRAWINGS WITH INSULATING GLASS AND FULL SCREENS.

- EXTERIOR ENTRY DOORS SHALL BE 1-3/4" THICK INSULATED METAL DOORS AND SHALL MEET THE FOLLOWING REQUIREMENTS:
  - AIR INFILTRATION ASTM E283 - WATER RESISTANCE
  - ASTM E53 ACUSTICAL PERFORMANCE ASTM E413-70 STC 8
  - THERMAL TRANSMITTOR R-1548. CALCULATED. DOORS ARE TO BE PROVIDED WITH FACTORY BAKED OR PRIME PAINT FINISH.
  - SIGLIGHTS SHALL BE TEMPERED GLASS AND SIZED AS INDICATED ON DRAWINGS, MANUFACTURER AS SELECTED BY OWNER.
- ALL INTERIOR SWING DOORS SHALL BE 1-3/8" THICK DOORS. SEE SCHEDULE FOR STYLE, TYPE & MANUFACTURE

**FINISHES**

- PROVIDE AND INSTALL GYPSUM WALLBOARD IN ACCORDANCE WITH AMERICAN STANDARD SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM WALLBOARD AS APPROVED BY THE AMERICAN STANDARDS ASSOCIATION LATEST EDITION. APPLICABLE PARTS THEREOF ARE HEREBY MADE A PART OF THIS SPECIFICATION EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE CALLED FOR IN THIS SPECIFICATION OR IN LOCAL CODES OR BY THE MANUFACTURER OF THE GYPSUM WALLBOARD WHOSE REQUIREMENTS SHALL BE FOLLOWED.
- APPLICATION OF PAINT OR OTHER COATING SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. READY MIXED PAINT SHALL NOT BE THINNED EXCEPT AS PERMITTED IN THE APPLICATION INSTRUCTIONS.
- ALL INTERIOR SURFACES SHALL RECEIVE PAINT FINISH EXCEPT COLOR COORDINATED FACTORY FINISH SURFACES. TOP AND BOTTOM OF ALL DOORS TO BE SEALED AND PAINTED.
- ALL SURFACES TO BE FINISHED SHALL BE CLEAR AND FREE OF FOREIGN MATERIALS (DIRT, GREASE, ASPHALT, RUST, ETC.)
- APPLICATION SHALL BE WORKMANLIKE MANNER PROVIDING A SMOOTH SURFACE. APPLICATION RATE SHALL BE THAT RECOMMENDED BY THE MANUFACTURER. APPLICATION MAY BE BY BRUSH OR ROLLER OR BY SPRAY IF PAINT IS FORMULATED FOR SPRAY APPLICATION. APPLY PRIME COAT AND FINISHED COAT(S) OF LATEX PAINT AS DIRECTED BY OWNER.
- INTERIOR PAINT SHALL BE BENJAMIN MOORE OR APPROVED EQUAL.
- EXTERIOR FASCIA OR TRIMS TO BE 'AZEK', JAMES HARDIE OR APPROVED EQUAL PVC WHITE TRIM BOARDS OR VINYL COVERED WOOD
- FLOORING: PROVIDE & INSTALL CARPET CERAMIC TILE OR VCT AS SHOWN ON PLANS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
- PROVIDE CERAMIC TILE, MARBLE TILE AND ACCESSORIES COMPLYING WITH TILE COUNCIL OF AMERICA SPECIFICATION 1371 IN COLORS AND PATTERNS SELECTED BY THE OWNER FROM STANDARD COLORS AND PATTERNS OF THE APPROVED MANUFACTURER TO BE AMERICAN OLEAN FOR CERAMIC TILE AND MARBLE TECHNICAL TD FOR MARBLE TILE OR EQUAL.
- INSTALL CERAMIC TILE AND MARBLE TILE IN COMPLIANCE WITH RECOMMENDATIONS CONTAINED IN THE TILE COUNCIL OF AMERICA "HANDBOOK FOR CERAMIC TILE INSTALLATION" AND MANUFACTURER'S PRINTED INSTRUCTIONS.
- PROVIDE AND INSTALL GYPSUM WALLBOARD 1/2" THICK AT ALL WALLS AND CEILING UNLESS OTHERWISE INDICATED ON DRAWINGS. CONTRACTOR(S) SHALL PROVIDE ALL TRIM ACCESSORIES, FINISH TAPING, AND SPACKLING, IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

**GENERAL REQUIREMENTS**

- DO NOT SCALE DRAWINGS - DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE PLAN.
- ALL PARTITIONS ARE DIMENSIONED TO FACE OF WALL FINISH, UNLESS NOTED OTHERWISE.
- PROVIDE SOLID BLOCKING BETWEEN STUDS TO ATTACH AND SUPPORT WALL-HUNG AND WALL-CONNECTED ITEMS (SINKS, CABINETS, SHELVING, ROOF LADDERS, ETC.) ATTACH BLOCKING TO SUBSTRATE AS REQUIRED TO SUPPORT APPLIED LOADING. MAKE TIGHT CONNECTIONS BETWEEN MEMBERS. INSTALL FASTENERS WITHOUT SPLITTING OF WOOD - PREDRILL AS REQUIRED.
- ALL FLOORS SHALL BE LEVELED AND FREE OF IRREGULATIES TO ASSURE ONE CONSTANT FLOOR HEIGHT, SO THAT DOOR BUCKS WHEN SET ARE AT CONSISTENT DIMENSIONS FROM THE CEILING WITH NO GAPS BETWEEN THE BOTTOM OF THE DOOR BUCK AT THE SLAB AFTER CARPETING AND OTHER FLOOR FINISHES ARE INSTALLED.
- ANY SITE DEMOLITION SHALL BE COORDINATED WITH NEW CONSTRUCTION.
- INTERIOR ROOMS SHALL BE MECHANICALLY VENTILATED IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODES.
- DRYWALL CONTROL JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH RECOMMENDED PRACTICES OF THE UNITED STATES GYPSUM ASSOCIATION.
- THE GENERAL CONTRACTOR MAY SUBSTITUTE MATERIALS, FINISHES, AND/OR EQUIPMENT UPON WRITTEN SUBMITTAL AND APPROVAL ACCORDING TO THE PROJECT.
- DIMENSIONS NOTED "CLEAR" ARE NOT ADJUSTABLE WITHOUT APPROVAL BY THE ARCHITECT/DESIGNER.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL CONSTRUCTION DEBRIS AND REFUSE.
- THE GENERAL CONTRACTOR SHALL REPAIR AND RESTORE EXISTING SITE CONDITIONS DAMAGED DURING CONSTRUCTION.
- ALL DOOR & WINDOWS JAMBS TO BE INSTALLED PLUMB AND SQUARE.
- CONTRACTOR SHALL COORDINATE THE DRAWINGS BETWEEN SUB-CONTRACTORS (I.E. MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL) FOR CONFLICT AND NOTIFY THE ARCHITECT OR DESIGNER PRIOR TO CONST. OF ANY DISCREPANCIES AND/OR CONFLICTS BEFORE PROCEEDING WITH THE CONST. CONTRACTOR SHALL ALSO VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON DRAWINGS AT THE JOB AND SHALL NOTIFY THE ARCHITECT OR DESIGNER AND THE OWNER OF ANY DISCREPANCIES, OMISSIONS, AND/OR CONFLICT BEFORE PROCEEDING WITH THE JOB. CONTRACTOR SHALL REQUEST AN INTERPRETATION FROM THE ARCHITECT OR DESIGNER BEFORE PROCEEDING. TO THE EXTENT CONTRACTOR DISCOVERS DISCREPANCIES AND FAILS TO MAKE SUCH A REQUEST, NO EXCUSE WILL THEREAFTER BE ENTERTAINED FOR FAILURE TO CARRY OUT THE WORK IN A SATISFACTORY MANNER ACCEPTABLE TO THE ARCHITECT AND THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING OF PARTITION WALLS AS REQUIRED AND AT ALL DOOR OPENINGS OR DEMO WORK.
- ALL MATERIALS ARE TO BE STORED PROPERLY. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE SAFEKEEPING OF MATERIALS INCLUDING THOSE SUPPLIED BY THE OWNER.
- ALL DOOR JAMBS TO BE INSTALLED PLUMB AND SQUARE.

FOUR SEASON PORCH ADDITION

729 PITT STREET ALEXANDRIA, VA 22314-4307

OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

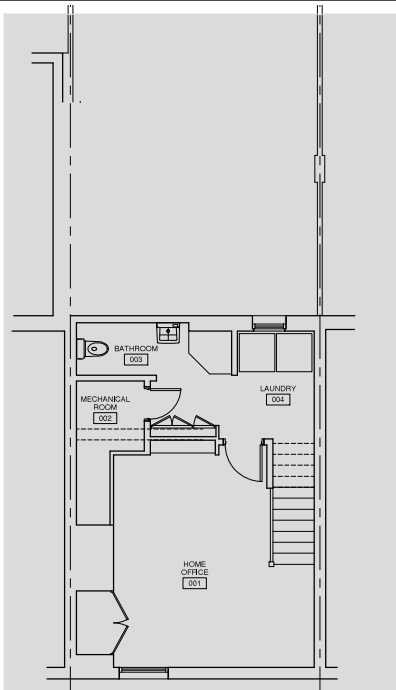
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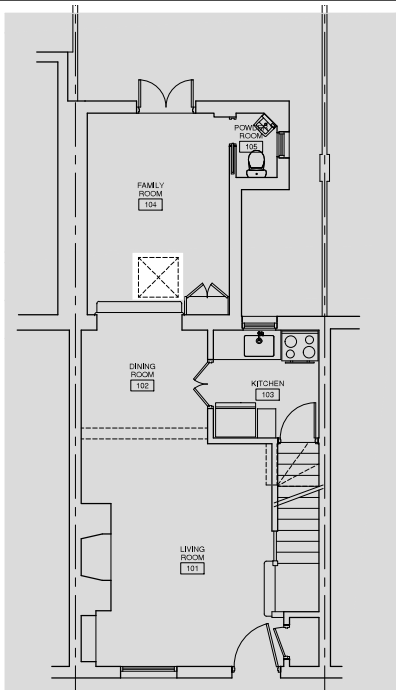
FOUR SEASON PORCH ADDITION

GENERAL NOTES

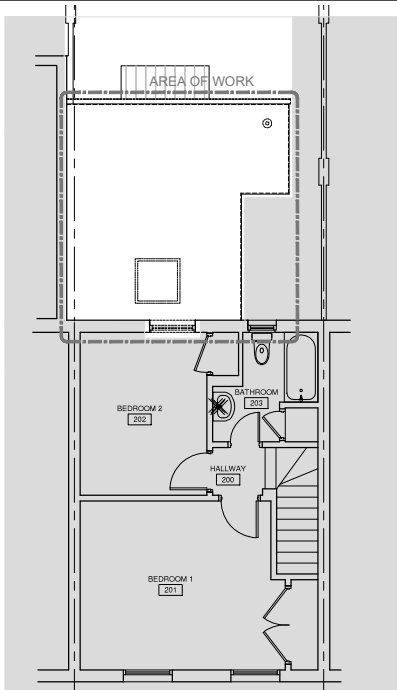
A-002



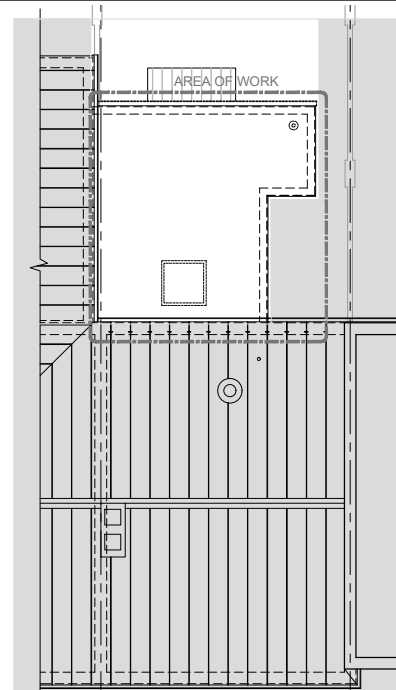
1 BASEMENT FLOOR PLAN - EXISTING  
SCALE 1/4"=1'-0"



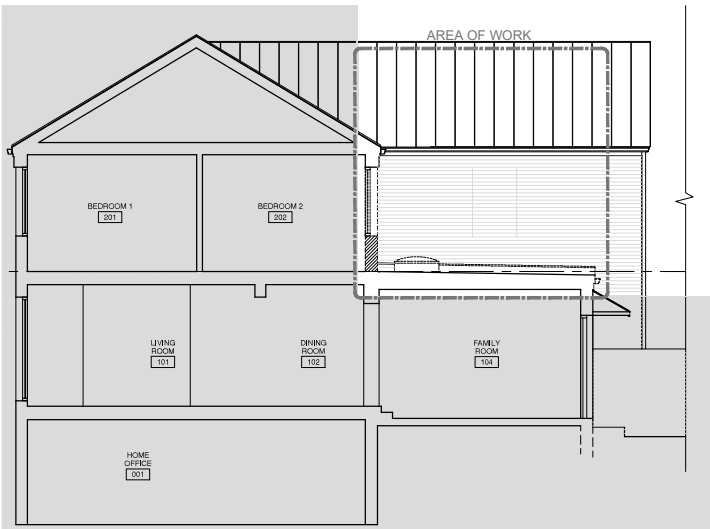
2 MAIN FLOOR PLAN - EXISTING  
SCALE 1/4"=1'-0"



3 FIRST FLOOR PLAN - EXISTING  
SCALE 1/4"=1'-0"



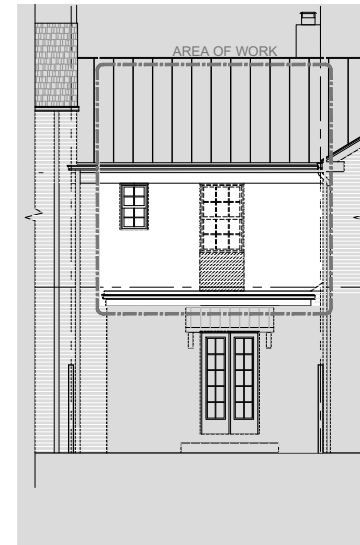
4 ROOF PLAN - EXISTING  
SCALE 1/4"=1'-0"



5 SECTION - EXISTING  
SCALE 1/4"=1'-0"



6 SECTION - EXISTING  
SCALE 1/4"=1'-0"



7 BACK FACADE - EXISTING  
SCALE 1/4"=1'-0"

FOUR SEASON PORCH ADDITION

729 PITT STREET ALEXANDRIA, VA 22314-4307  
OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

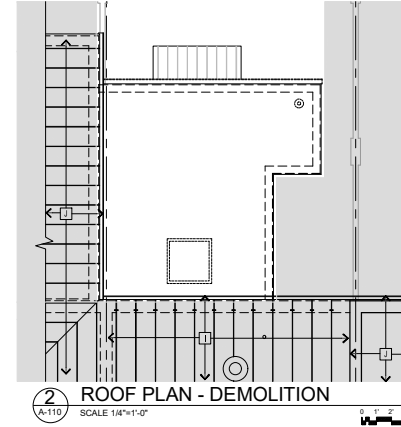
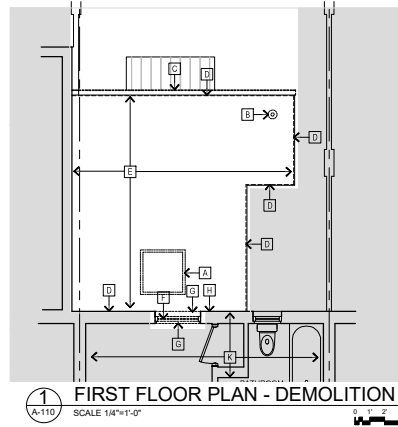
PERMIT SET	4-12-2024
DATE	
REVISION	
729 PITT STREET ALEXANDRIA, VA 22314-4307	
FOUR SEASON PORCH ADDITION	

EXISTING HOUSE FLOOR PLANS, SECTIONS AND ELEVATIONS

A-100

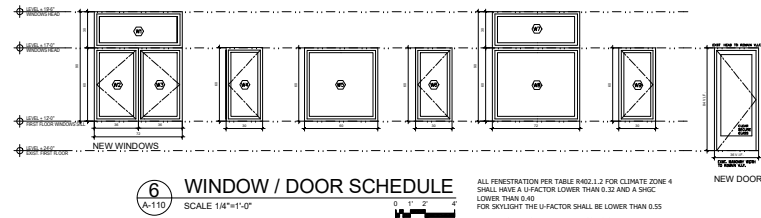
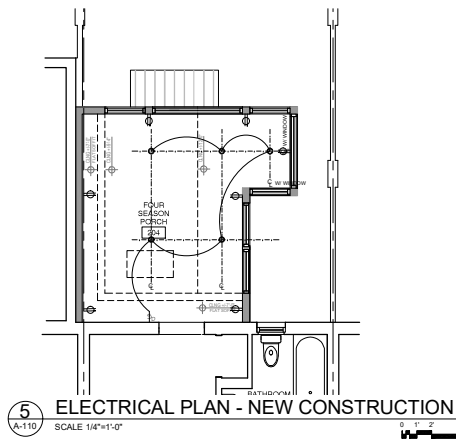
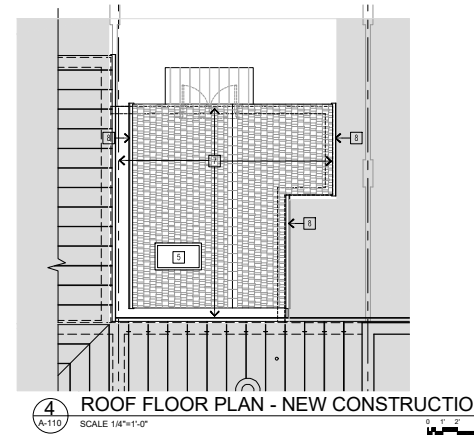
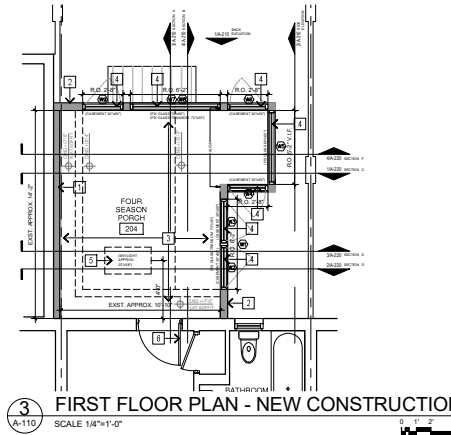
**Demolition Notes - FLOOR AND ROOF PLAN**

- A APPROX. LOCATION AND CONFIGURATION OF EXIST. SKYLIGHT TO BE REMOVED
- B APPROX. LOCATION AND CONFIGURATION OF EXIST. VENTILATION TO BE RELOCATED ON SIDE WALL
- C TYP. REMOVE EXISTING GUTTERS AND DOWNSPOUTS AS REQUIRED FOR NEW CONSTRUCTION
- D TYP. REMOVE EXISTING FLASHING AS REQUIRED FOR NEW CONSTRUCTION
- E TYP. REMOVE EXISTING WATER PROOFING MEMBRANE AND PLYWOOD AS REQUIRED FOR NEW CONSTRUCTION
- F TYP. REMOVE EXISTING WINDOW COMPLETELY AND IN ITS ENTIRETY
- G REMOVE PORTION OF MASONRY WALL, INTERIOR WALL AND BASE BOARD UNDER REMOVED WINDOW AS REQUIRED FOR NEW DOOR INSTALLATION
- H BRICK WALL AND WINDOW JAMB TO REMAIN, PROTECT DURING DEMOLITION AND NEW CONSTRUCTION, PATCH AND REPAIR AS NECESSARY TO RECEIVE NEW FINISH
- I TYP. EXST. HOUSE METAL ROOF AND GUTTER SYSTEM TO BE UNDISTURBED AND PROTECTED DURING DEMOLITION AND NEW CONSTRUCTION
- J TYP. EXST. NEIGHBORS HOUSES WALLS, METAL ROOFS, GUTTER ETC. TO BE UNDISTURBED DURING DEMOLITION AND NEW CONSTRUCTION
- K NOT SCOPE OF WORK IN EXST. HOUSE INTERIOR UNLESS NEW ACCESS DOOR TO NEW PORCH OR SPECIFIED IN NEW CONSTRUCTION DOCS.



**New Construction Notes - FLOOR PLAN**

- 1 NEW DEMISING WALL
- 2 NEW INSULATED EXTERIOR WALL
- 3 NEW LEVEL / HORIZONTAL SUB-FLOOR, FINISH FLOOR AND BASEBOARD FOR NEW PORCH PER FINISH SCHEDULE
- 4 NEW WINDOW. SEE WINDOW SCHEDULE
- 5 NEW FIXED SKYLIGHT SIZE APPROX. 22" x 38"
- 6 NEW FULL SECURE GLASS INSULATED EXTERIOR DOOR. APPROX. 36"x84". SIZE TO BE FIELD VERIFIED
- 7 NEW INSULATED ROOF
- 8 NEW GUTTERS AND DOWNSPOUTS



NOTES:  
TYP. CLEAR GLASS, LOW E & U FACTOR=0.30 MAX.  
MIN. WINDOW SILL 24"  
ALL WINDOWS TO HAVE SCREEN  
FIELD VERIFY ALL EXST. AND NEW I.G. PRIOR TO  
FABRICATION  
USE SAFETY GLASS WHEN REQUIRED BY CODE

ALL VENTILATION PER TABLE R402.3.2 FOR CLIMATE ZONE 4  
SHALL HAVE A U-FACTOR LOWER THAN 0.32 AND A SRGC  
LOWER THAN 0.16  
FOR SKYLIGHT THE U-FACTOR SHALL BE LOWER THAN 0.55  
ALL PENETRATION PER TABLE R402.4.3 SHALL HAVE AN AIR  
INFILTRATION RATE NOT GREATER THAN 0.3 cfm per sq. ft.  
FOR SWINGING DOORS NOT GREATER THAN 0.5 cfm per sq. ft.

**FOUR SEASON PORCH ADDITION**

729 PITT STREET ALEXANDRIA, VA 22314-4307

OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

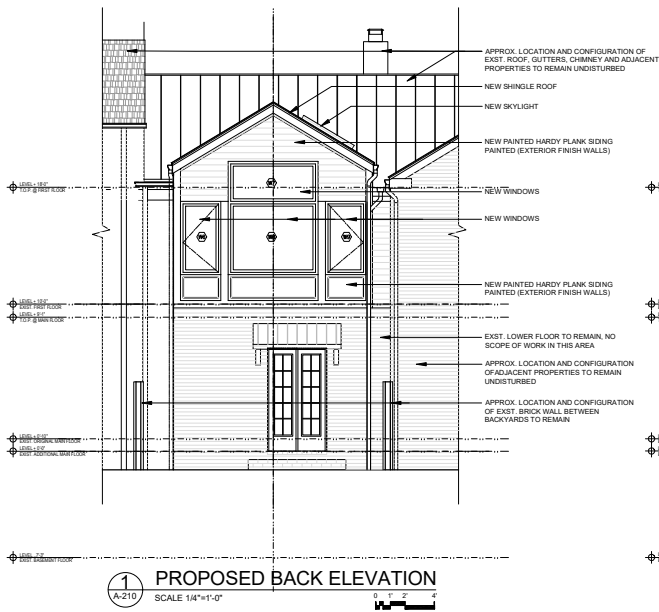
PERMIT SET 4-12-2024

729 PITT STREET  
ALEXANDRIA,  
VA 22314-4307

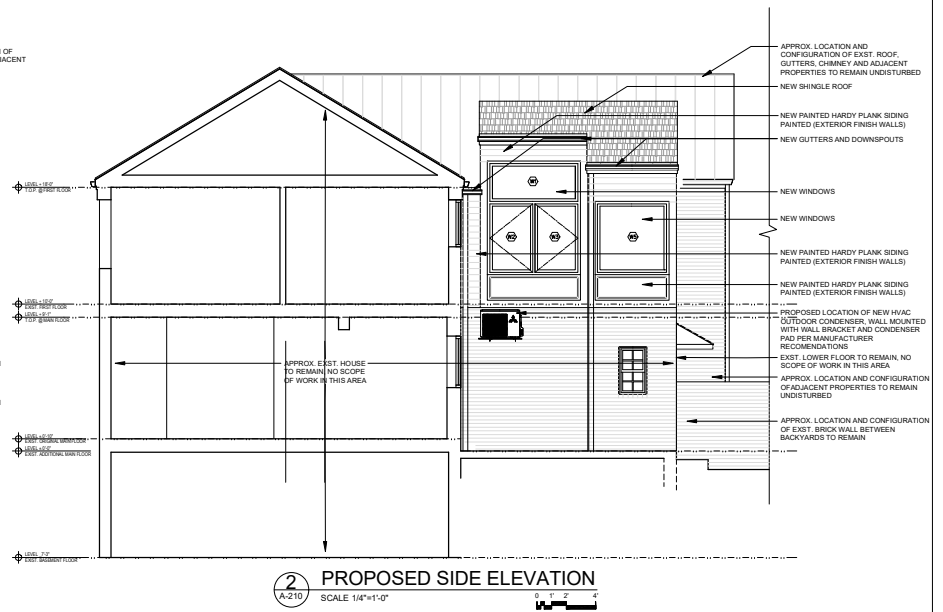
FOUR SEASON PORCH ADDITION

PROPOSED DEMOLITION  
AND NEW  
CONSTRUCTION PLANS

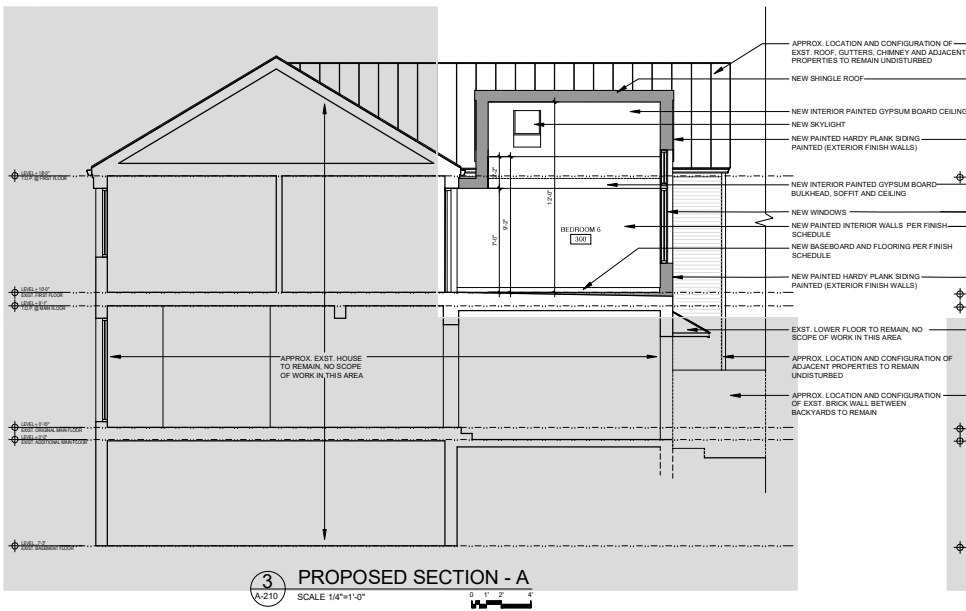
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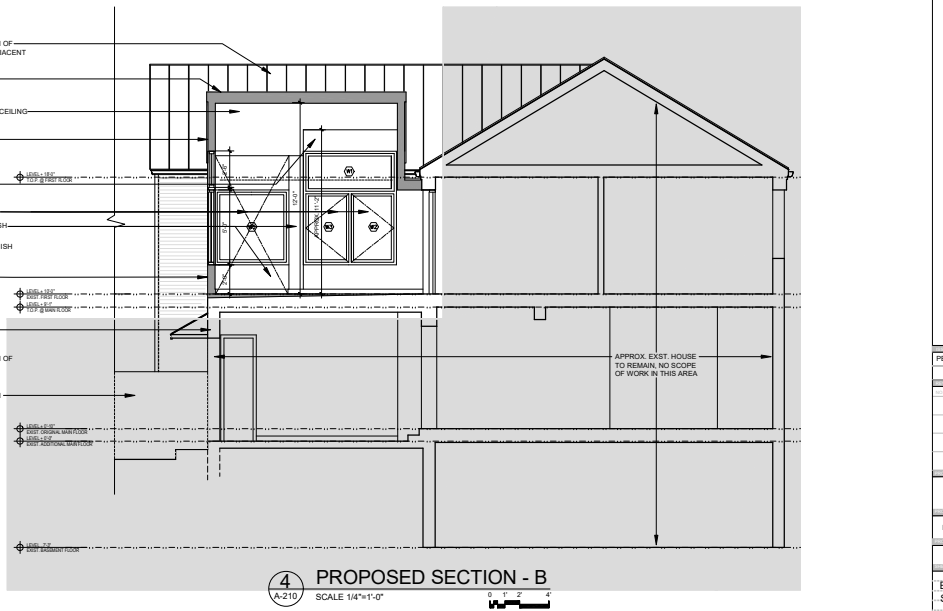
**1 PROPOSED BACK ELEVATION**  
SCALE 1/4"=1'-0"



**2 PROPOSED SIDE ELEVATION**  
SCALE 1/4"=1'-0"



**3 PROPOSED SECTION - A**  
SCALE 1/4"=1'-0"



**4 PROPOSED SECTION - B**  
SCALE 1/4"=1'-0"

**FOUR SEASON PORCH ADDITION**

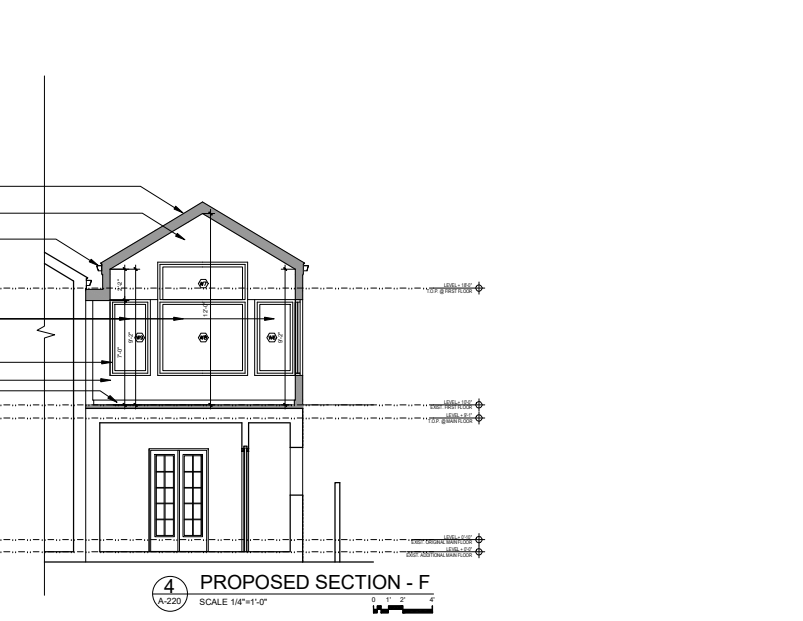
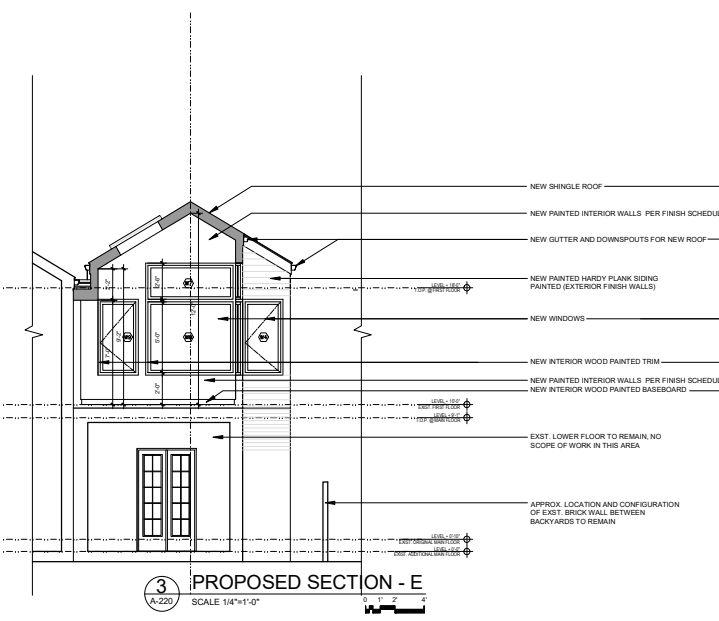
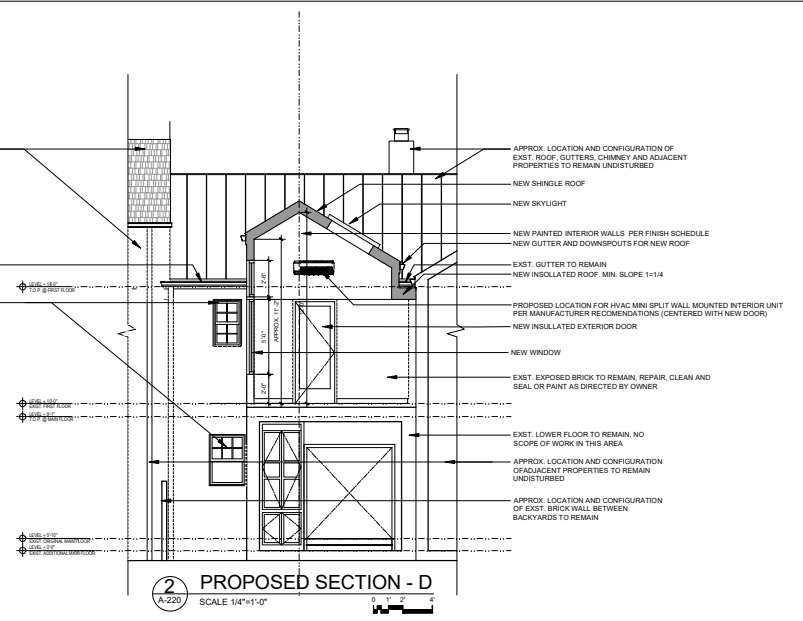
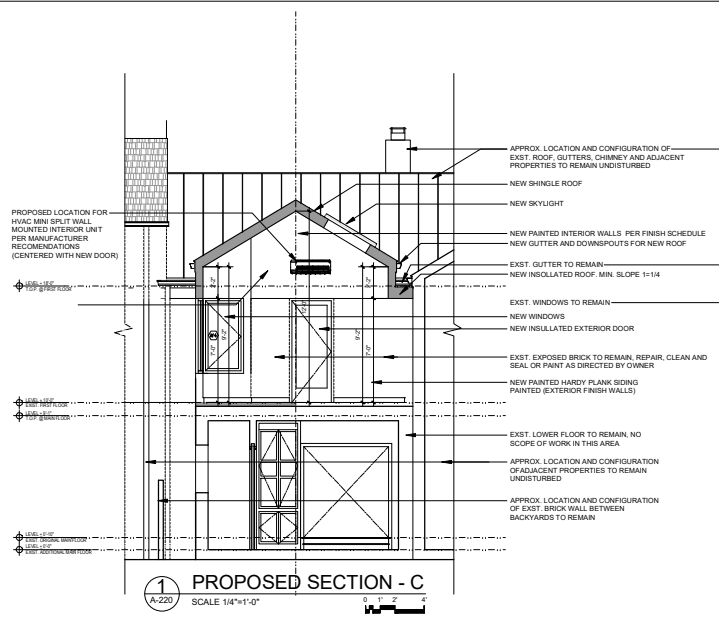
729 PITT STREET ALEXANDRIA, VA 22314-4307

OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

PERMIT SET	4-12-2024
NO. SHEETS	10/11
729 PITT STREET ALEXANDRIA, VA 22314-4307	
FOUR SEASON PORCH ADDITION	

ELEVATIONS AND SECTIONS

A-210



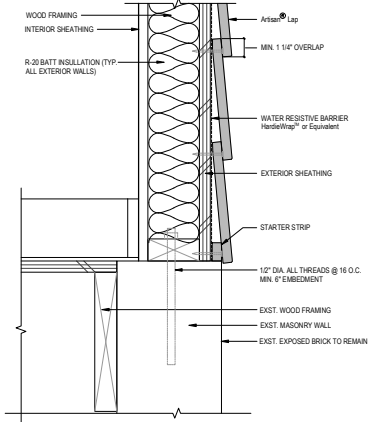
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729 PITT STREET ALEXANDRIA, VA 22314-4307

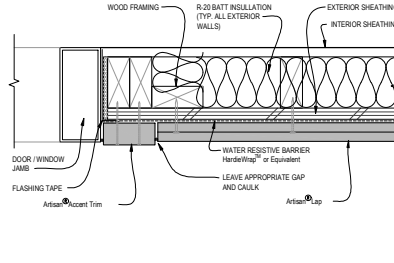
OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

PERMIT SET	4-12-2024
DATE	
NO.	
729 PITT STREET ALEXANDRIA, VA 22314-4307	
FOUR SEASON PORCH ADDITION	
DEMOLITION AND NEW- CONSTRUCTION PLANS	

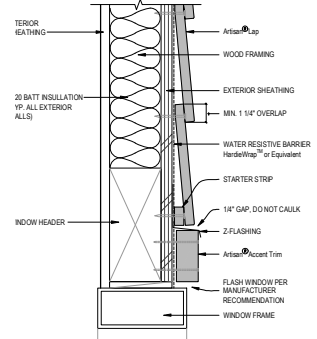
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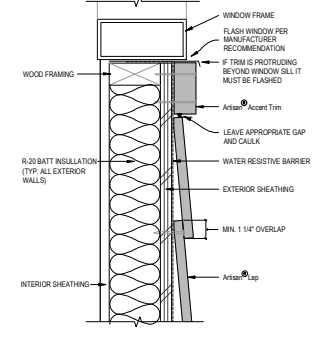
**1 BRICK / LAP VIEW**  
SCALE: 3/4"=1'-0"



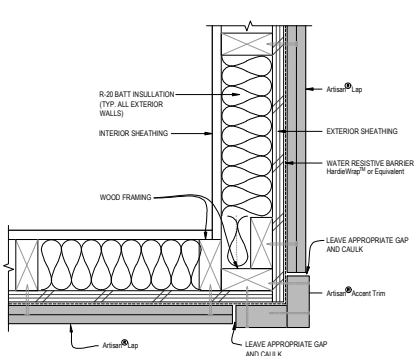
**2 WINDOW / DOOR JAMB**  
SCALE: 3/4"=1'-0"



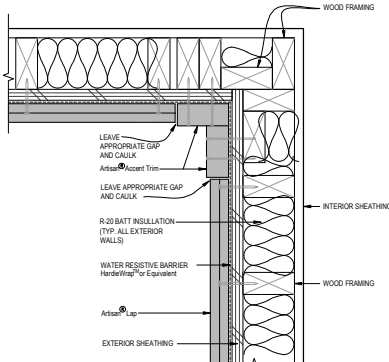
**3 WINDOW / DOOR HEAD**  
SCALE: 3/4"=1'-0"



**4 WINDOW SILL**  
SCALE: 3/4"=1'-0"



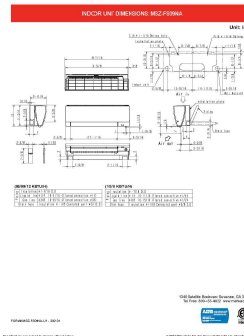
**5 OUTSIDE CORNER**  
SCALE: 3/4"=1'-0"



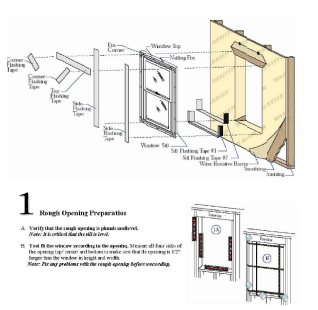
**6 INSIDE CORNER**  
SCALE: 3/4"=1'-0"

WIND - 5/16\"/>	
Product Name	WIND - 5/16\"/>
Manufacturer	...
Material	...
Finish	...
Weight	...
Dimensions	...

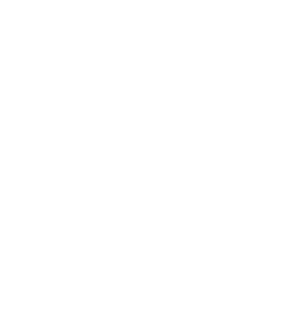
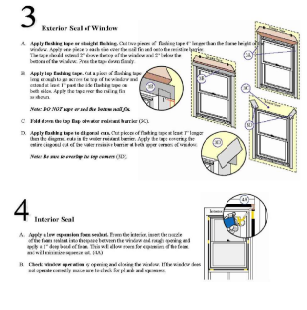
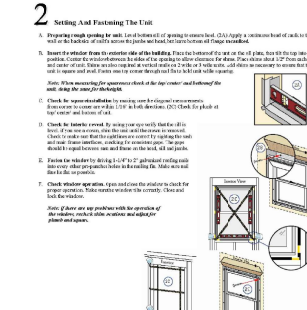
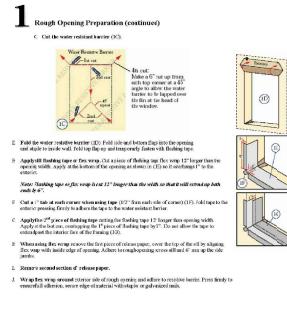
WOOD (NOT ACCESSORIES) - 5/16\"/>	
Product Name	WOOD (NOT ACCESSORIES) - 5/16\"/>
Manufacturer	...
Material	...
Finish	...
Weight	...
Dimensions	...



**7 9K BTU HVAC UNIT OR SIMILAR**  
SCALE: 3/4"=1'-0"



**8 WINDOW INSTALLATION**  
SCALE: 3/4"=1'-0"



**FOUR SEASON PORCH ADDITION**  
729 PITT STREET ALEXANDRIA, VA 22314-4307  
OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

PERMIT SET	4-12-2024
729 PITT STREET ALEXANDRIA, VA 22314-4307	
FOUR SEASON PORCH ADDITION	
EXTERIOR WALL DETAILS	
<b>A-500</b>	

## STRUCTURAL NOTES:

### A.-DESIGN CRITERIA:

- ALL CONSTRUCTION SHALL CONFORM TO THE INTERNATIONAL RESIDENTIAL CODE, 2018.
- DESIGN LOADS:
  - WIND SPEED = 115 MPH
  - SNOW LOAD = 30 PSF
  - SOIL BEARING CAPACITY = 1500 PSF (ASSUMED)
  - ROOF = 25 PSF
  - SLEEPING ROOMS = 30 PSF
  - OTHER THAN SLEEPING ROOMS = 40 PSF
  - DECKS = 40 PSF
  - STAIR = 40 PSF
  - HANDRAILS & GUARDS = 200 LBS (PER SECTION 1607.6)

### B.-CONCRETE:

- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST A.C.I. CODE 318.
- CONCRETE COMPRESSIVE STRENGTH SHALL BE MINIMUM 3500 PSI
- WALL FOOTINGS SHALL BE 24"X12" MINIMUM PLACED MONOLITHICALLY AS SHOWN ON DRAWINGS.
- SLABS ON GRADE SHALL BE UNDERLAIN BY A MINIMUM OF 4" THICK CAST IN PLACE CONCRETE WITH BASE OF GRANULAR MATERIAL HAVING A MAXIMUM AGGREGATE SIZE OF 1.5 INCHES AND NO MORE THAN 2% FINES. PRIOR TO PLACING THE GRANULAR MATERIAL, THE SOIL SHALL BE FREE OF STANDING WATER, MUD AND FROZEN SOIL. BEFORE PLACEMENT OF CONCRETE, A 6 MIL VAPOR BARRIER SHALL BE PLACED ON TOP OF THE GRANULAR FILL.
- CONCRETE FINISH: ALL EXPOSED EXTERIOR STEPS, STOOPS AND SLABS SHALL FIRST HAVE A STEEL TROWEL FINISH AND THEN A VERY LIGHT BROOM FINISH. EXPOSED INTERIOR AND GARAGE SLABS SHALL RECEIVE A STEEL TROWEL FINISH.
- REINFORCING STEEL: REINFORCING STEEL SHALL CONFORM TO ASTM A615-60.

### C.-FRAMING:

- FRAMING LUMBER (OTHER THAN STUDS) SHALL BE SPRUCE PINE FIR OR SOUTHERN PINE CONSTRUCTION GRADE, NO. 2 OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES:
  - FB=1400 PSI
  - MODULUS OF ELASTICITY=1,500,000 PSI
- ALL WALL STUDS SHALL BE SOUTHERN PINE STUD GRADE OR BETTER, HAVING THE FOLLOWING MINIMUM PROPERTIES:
  - COMPRESSION PARALLEL TO GRAIN "FC"=1425 PSI
  - MODULUS OF ELASTICITY "E" = 1,200,000 PSI
- STUDS SHALL BE SIZED PER DRAWINGS, SPACED 16" O.C. MAXIMUM. ALL STUD PARTITIONS EXCEEDING 8'-0" HIGH SHALL BE BLOCKED AT MID-POINT.

ALL STUD BEARING WALLS SHALL BE PROVIDED WITH 2 CONTINUOUS TOP PLATES AND 1 CONTINUOUS BOTTOM PLATE WITH A MINIMUM OF ONE ROW OF HORIZONTAL BRIDGING AT MID-HEIGHT OF WALL UNLESS NOTED OTHERWISE. SPLICES OF TOP PLATE SHALL OCCUR OVER STUD. SPLICES SHALL BE STAGGERED A MINIMUM OF 4 FEET.

- HOLES BORED IN BEARING WALL STUDS SHALL NOT EXCEED ONE-THIRD OF WIDTH
- ALL LUMBER IN CONTACT WITH EXTERIOR ELEMENTS, CONCRETE, OR CONCRETE BLOCK SHALL BE TREATED.
- FASTENERS, HANGERS AND METAL ACCESSORIES USED IN PRESSURE TREATED WOOD CONSTRUCTION SHALL BE TYPE 304 OR 316 STAINLESS STEEL. TREATED LUMBER SHALL NOT BE PLACED IN CONTACT WITH ALUMINUM FLASHING OR OTHER ALUMINUM COMPONENTS.

### D.-WOOD:

- ALL LINTELS OVER FRAMED OPENINGS SHALL BE AS SHOWN BELOW, UNLESS NOTED OTHERWISE.
  - FOR ONE STORY + ROOF ABOVE:
    - 2x8 FOR OPENINGS UP TO 8'-0"
    - 2x10 FOR OPENINGS UP TO 9'-0"
    - 2x12 FOR OPENINGS UP TO 9'-0"
    - 3x12 FOR OPENINGS UP TO 10'-0"

- ALL LAMBER IN CONTACT WITH MASONRY, CONCRETE OR EXTERIOR SHALL BE PRESSURE TREATED.
- THE MINIMUM PROPERTIES SHALL APPLY FOR ALL WOOD FRAMING:

JOISTS, HEADERS & TRIMMERS: (SP#2)  
 Fb= 850 PSI  
 Fc par.= 405 PSI  
 Fv= 150 PSI  
 E= 1,300,000 PSI  
 BEARING WALLS: (SP#2)  
 Fb= 875 PSI  
 Fc par.= 1,100 PSI  
 E= 1,400,000 PSI

WALL TOP PLATES FOR LOAD BEARING WALLS TPY. 2X4 & 2X6 STUDS:  
 Fb= 1500 PSI  
 Fv= 90 PSI  
 E= 1,400,000 PSI  
 5"x5" & LARGER POST:  
 Fb= 850 PSI  
 Fc par.= 375 PSI  
 Fc par.= 925 PSI  
 E= 1,200,000 PS

- ALL INTERIOR LUMBER SHOULD BE PROVIDED WITH BORATE TREATMENT & EXTERIOR LUMBER WITH ACQ. TREATMENT.
- ALL CONNECTIONS SHALL BE GALVANIZED AND SUPPLIED BY SIMPSON STRONG-TIE OR BY APPROVED EQUIVALENT MANUFACTURER.
- JOIST CONNECTIONS TO FOUNDATION WALLS SHALL BE MADE WITH GALVANIZED STEEL HANGERS. PROVIDE #30 BUILDING FELT SEPARATION BETWEEN END OF JOIST AND MASONRY.

- CUTTING AND NOTCHING OF DIMENSION LUMBER FLOOR JOIST SHALL CONFORM TO THE FOLLOWING:

- NOTCH DEPTH IN THE TOP OR BOTTOM OF THE JOIST AND BEAMS SHALL NOT EXCEED ONE SIXTH THE DEPTH OF THE MEMBER AND SHALL NOT BE LOCATED IN THE MIDDLE ONE-THIRD OF THE SPAN (INCLUDING BIRDS MOUTH CUTS)
- NOTCH DEPTH AT THE ENDS OF THE MEMBER SHALL NOT EXCEED ONE-FOURTH THE DEPTH OF THE MEMBER.
- THE TENSION SIDE OF THE BEAM, JOIST, AND RAFTERS OF FOUR INCHES OR GREATER NOMINAL THICKNESS SHALL NOT BE NOTCHED, EXCEPT AT ENDS OF MEMBERS.
- HOLES BORED OR CUT INTO JOIST SHALL NOT BE CLOSER THAN TWO INCHES TO THE TOP OR BOTTOM OF THE JOISTS, THE DIAMETER OF THE HOLE SHALL NOT EXCEED ONE-THIRD THE MEMBER DEPTH.

- SUB FLOORING SHALL BE 3/4" TONGUE & GROOVE C.D.X. EXTERIOR PLYWOOD, SCREWED AND GLUED TO JOISTS. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY MATERIALS DAMAGED BY EXPOSURE TO THE ELEMENTS.
- ROOF SHEATHING SHALL BE 1/2" (AS INDICATED ON DRAWINGS) C.D.X. EXTERIOR PLYWOOD. PROVIDE H CLIPS BETWEEN ALL ROOF TRUSSES OR RAFTERS.
- EXTERIOR WALL SHEATHING SHALL BE 1/2" EXTERIOR GRADE PLY SCORE, UNLESS NOTED OTHERWISE.
- PROVIDE BLOCKING BETWEEN ALL JOISTS 2"X12" OR GREATER AT INTERVALS NOT TO EXCEED 8 FEET.
- PROVIDE SOLID BLOCKING AT 4 FEET ON CENTER BETWEEN BAND JOIST AND FIRST INTERIOR AND PARALLEL JOIST.
- THE BASIC STABILITY OF THE STRUCTURE IS DEPENDENT UPON THE DIAPHRAGM ACTION OF FLOORS, WALLS & ROOF ACTING TOGETHER. CONTRACTOR SHALL PROVIDE GUYS, BRACES, STRUTS, ETC. AS REQUIRED TO ACCOMMODATE ALL LIVE, DEAD AND WIND LOADS UNTIL ALL FINAL CONNECTIONS BETWEEN THESE ELEMENTS ARE MADE.
- ALL WALL BLOCKING, NAILERS SHALL BE ATTACHED TO STEEL OR CONCRETE FRAMING WITH POWDER ACTUATED FASTENERS OR 3/8" DIAMETER BOLTS, UNLESS NOTED OTHERWISE. FASTENERS SHALL BE SPACED AT 24" MAXIMUM, CAPACITY OF 100 PSI.

### E.-ENGINEERED WOOD BEAMS:

- MICROLLAM BEAMS SHALL BE AS MANUFACTURED BY TRUSS-JOIST CORPORATION. SUPPLIER SHALL SIZE MEMBERS INDICATED ON DRAWINGS. SUPPLIER SHALL PREPARE SHOP DRAWINGS FOR ARCHITECTS REVIEW OF SYSTEM DESIGN. MICROLLAM ALLOWABLE STRESSES:
  - FB - 2,800 PSI
  - FV - 285 PSI
  - FC - 500 PSI
  - FC' - 2,700 PSI
  - FT - 1,850 PSI
  - E - 2,000,000 PSI
- CONTRACTOR SHALL INSPECT TRUSS JOIST UPON ARRIVAL AT JOB SITE AND REJECT ANY MATERIAL WHICH IS WARPED, WET OR OTHERWISE DEFECTIVE. ALL MICROLLAM SHALL BE TRANSPORTED AND STORED IN A VERTICAL POSITION AND SHALL BE KEEP DRY THROUGH DURATION OF CONSTRUCTION.

### F.-ENGINEERED WOOD "I" JOISTS:

- WHERE INDICATED AS TJI OR GPI MEMBERS TO BE FACTORY MANUFACTURED JOISTS BY CERTIFIED TRUSS JOIST CORPORATION. THE JOISTS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S SPECIFICATIONS & INSTALLATION DETAILS. THE SELECTED JOISTS MEMBERS AS INDICATED ON THE PLANS SHALL BE CONFIRMED BY THE TRUSS SUPPLIER PRIOR INSTALLATION. THE CONTRACTOR SHALL PROVIDE SOLAR BLOCKS, BRIDGING, TRIM JOISTS, HANGERS ETC., AS REQUIRED BY MANUFACTURER STANDARD DETAILS. THE JOIST TRUSS SUPPLIER SHALL PREPARE SHOP DRAWINGS PRIOR INSTALLATION.
- CONTRACTOR SHALL INSPECT TRUSS JOIST UPON ARRIVAL AT JOB SITE AND REJECT ANY MATERIAL WHICH IS WARPED, WET OR OTHERWISE DEFECTIVE. ALL MICROLLAM SHALL BE TRANSPORTED AND STORED IN A VERTICAL POSITION AND SHALL BE KEEP DRY THROUGH DURATION OF CONSTRUCTION.

### G.-ENGINEERED WOOD ROOF TRUSS:

- WOOD TRUSS SHALL BE DESIGNED WITH COMPONENTS IN ACCORDANCE WITH APPROVED ENGINEERING PRACTICE & TO BE FACTORY MANUFACTURED BY CERTIFIED ROOF TRUSS CORPORATION. TRUSS COMPONENT MAY BE JOINED BY NAILS, GLUE, TIMBER METAL CONNECTORS OR OTHER APPROVED FASTENING DEVICE. THE DESIGN OF THE METAL PLATE CONNECTED TO WOOD TRUSSES SHALL COMPLY WITH TPI-QST, TPI-PCF AND TPI-1985 DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES.
- TRUSS SHALL BE BRACED ACCORDING TO THEIR APPROPRIATE ENGINEER DESIGN. IN ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSS SHALL BE BRACED IN ACCORDANCE WITH TPI -BWT.
- TRUSS SHALL NOT BE CUT OR ALTERED.
- CONTRACTOR SHALL INSPECT TRUSS JOIST UPON ARRIVAL AT JOB SITE AND REJECT ANY MATERIAL WHICH IS WARPED, WET OR OTHERWISE DEFECTIVE. ALL MICROLLAM SHALL BE TRANSPORTED AND STORED IN A VERTICAL POSITION AND SHALL BE KEEP DRY THROUGH DURATION OF CONSTRUCTION.

### H.-STEEL:

- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36. PIPE TO BE A-500 OR A-501. DETAILING SHALL BE IN ACCORDANCE WITH AISC STRUCTURAL STEEL DETAILING MANUAL. BOLTED FIELD CONNECTION SHALL BE "X" DIAMETER HIGH STRENGTH BOLTS MEETING ASTM A-325.
- ALL STEEL GIRDER SHALL HAVE A MINIMUM OF 8" BEARING PLATES BOLTED TO MASONRY PIERS. PROVIDE 8"X 12"X1/2" STEEL BEARING PLATES BOLTED TO MASONRY PIERS.
- ALL STEEL ANGLES, LINTELS, BEAMS, COLUMNS, ETC. SHALL BE SHOP PRIMED WITH RED LEAD OR RED OXIDE PRIMER OR APPROVED EQUAL. STRUCTURAL STEEL AT OR BELOW GRADE SHALL BE PAINTED WITH TWO COATS OF AN ASPHALTIC BASE PAINT AND PROTECTED WITH A MINIMUM OF 2" SOLID MASONRY OR CONCRETE.

NOTE: FOR OPENINGS GREATER THAN 8'-0" CONSULT WITH THE STRUCTURAL ENGINEER.

### I.-FOUNDATION:

- COORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS AND NOTIFY IF ANY DISCREPANCY IS FOUND.
- PROVIDE MINIMUM 30" FROST DEPTH FOR ALL EXTERIOR FOOTING.
- PROVIDE 4" CONCRETE SLAB WITH 6X6-W 1,4XW1,4 W.W.F. TYP.
- BACKFILL WITH PROPER COMPACTION IN 8" LAYERS TO PREVENT SOIL SETTLEMENT AGAINST PERIMETER WALLS. ROUGH GRADE TO ELEVATIONS SHOWN, LESS ALLOWANCE FOR TOPSOIL, PAVING WALLS, SLABS, ETC. FILL TO BE FURNISHED BY CONTRACTOR AS REQUIRED TO BRING GRADES TO THOSE INDICATED ON THE CIVIL/LANDSCAPE DRAWINGS.
- BOTTOM OF THE EXCAVATIONS FOR FOUNDATIONS SHALL BE LEVELED AND ON UNDISTURBED SOIL AT LEAST 30" BELOW ORIGINAL GRADE. REMOVE LOOSE MATERIAL. EVACUATION BROUGHT TO APPROVED CONDITION WITH NO EARTH FILL UNDER ANY FOUNDATION.
- ALL FOOTING SHALL BEAR ON UNDISTURBED SOIL OR SOLID ROCK. REVIEW FOOTING SIZE USING MINIMUM SOIL BEARING CAPACITY PER LOCAL JURISDICTION. CONTRACTOR SHALL NOTIFY OWNER OR STRUCTURAL ENGINEER TO ARRANGE FOR TESTING IF THE EXISTING CAPACITY IS SUSPECTED TO BE BELOW THAT.
- BOTTOM OF ALL CONCRETE FOOTINGS, MINIMUM OF 30" BELOW FINISHED GRADE.

### GENERAL NOTES:

- COORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS AND NOTIFY IF ANY DISCREPANCY IS FOUND.
- PROVIDE MINIMUM 30" FROST DEPTH FOR ALL EXTERIOR FOOTING.
- PROVIDE 4" CONCRETE SLAB OR PAD WITH 6X6-W 1,4XW1,4 W.W.F. TYP.
- EXTERIOR WOOD TRIM: ALL INTERIOR WOOD TRIM SHALL BE CLEAR PINE OR REDWOOD. ALL TRIM SHALL BE PRIMED ON BOTH SIDES PRIOR TO INSTALLATION. ALL OUTSIDE CORNERS SHALL BE MITERED. NO BUTT JOINS WILL BE ACCEPTED. EXTERIOR SYNTHETIC TRIM SHALL BE "AZEK" OR "JAMES HARDIE" WITH TRADITIONAL SMOOTH OR FLAT SURFACE. FASTENERS, JOINT CEMENT AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- FOUNDATION SHALL BE CONSTRUCTED OF PRESSURE TREATED 2X12 RIPPED TO ACTUAL WIDTH OF MASONRY WALL AND FASTENED WITH "X" DIA. BY 18" LONG ANCHOR BOLTS AT 6'-0" ON CENTER MAXIMUM. PROVIDE ANCHOR BOLT WITHIN 12" OF EACH DOOR OPENING AND WITHIN 12" OF EACH FOUNDATION SILL PIECE.
- FOUNDATION DRAIN TO BE 4" DIAMETER (PERFORATED) PVC DRAIN PIPE INSTALLED IN STONE BACKFILL WITH MINIMUM 12" COVERAGE. PIPE SHALL BE WRAPPED WITH FILTER FABRIC, OUTFALL DOWNHILL OR INTO SUMP PIT, AS REQUIRED BY FINISHED GRADES.
- SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS
- ALL EXTERIOR WALLS TO BE SHEATHED WITH #2 APA RATED OSB WALL SHEATHING & 10d NAILS @ 6" O.C. @ PANEL EDGES @ 12" O.C. AT INTERMEDIATE SUPPORTS
- ALL PARTY WALLS TO BE SHEATHED WITH #2 GYPSUM WALLBOARD NAILED W/ 5d COOLER NAILS OR EQUIVALENT @ 4" O.C. -SPACE STUDS @ 16" O.C. MAX. UNLESS NOTED OTHERWISE
- PROVIDE HURRICANE ANCHORS CAPABLE OF RESIST UPLIFT LOADS
- CONTRACTOR TO VERIFY ROOF SPANS, HEEL HEIGHTS, PITCHES, OVERLUNG W/ ARCH. DWGS.
- LAYOUT SHOWN IS FOR GUIDANCE & SHALL NOT BE USED AS SHOP DWGS.

FOUR SEASON PORCH ADDITION

729 PITT STREET ALEXANDRIA, VA 22314-4307

OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

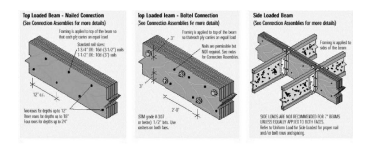
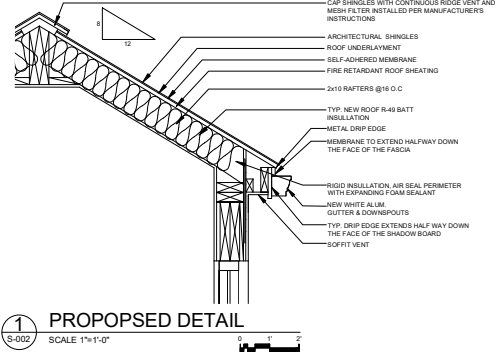
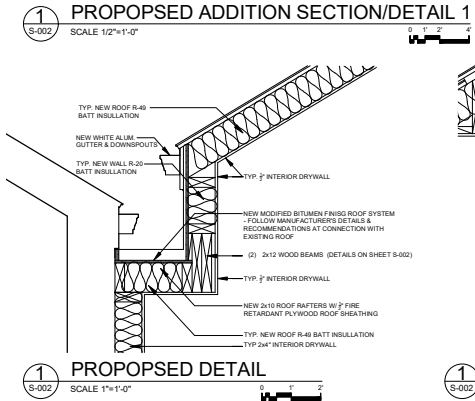
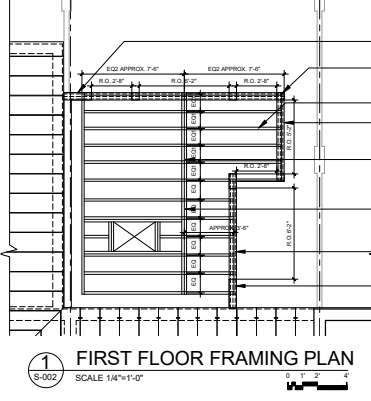
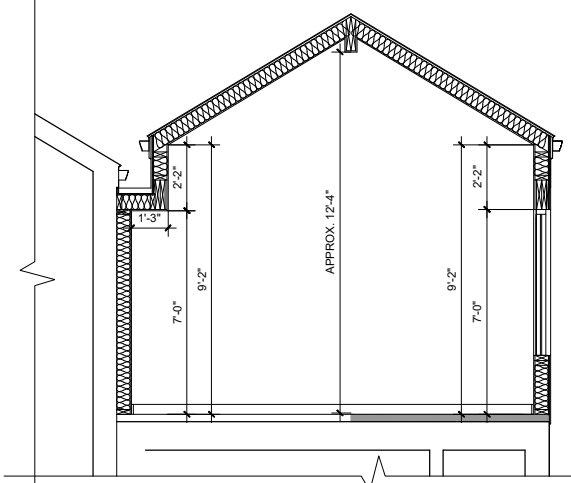
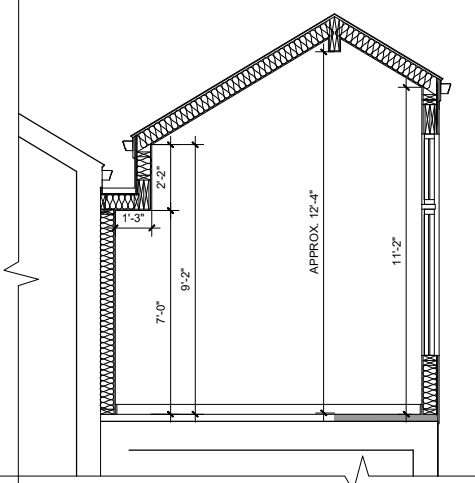
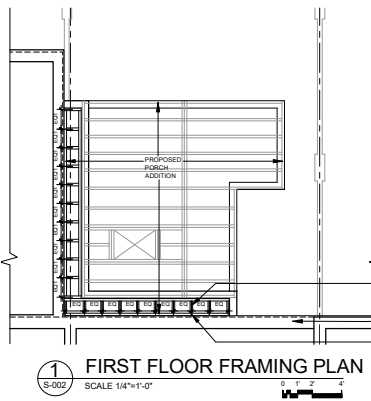
PERMIT SET 4-12-2024

729 PITT STREET ALEXANDRIA, VA 22314-4307

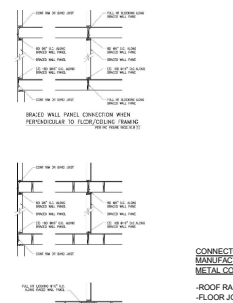
FOUR SEASON PORCH ADDITION

STRUCTURAL GENERAL NOTES

S-001



FASTER SCHEDULE TABLE	
DESCRIPTION OF BUILDING ELEMENTS	FASTER TYPE/SPACING
<b>ROOF</b>	
Decking between joists, on rafters, top plate, toe nail	3-6d
Ceiling joists to plate, toe nail	3-6d
Ceiling joists over finished or gypwall ceiling, top over partitions, face nail	3-16d
Ceiling joists, face nail on 1 1/2" x 2" Dg gage edge nail	3-16d
Rafter to plate, toe nail	2-16d
Rafter to rafter, toe nail on top rafters	1-16d face nail 2-16d
<b>WALL</b>	
2x4 corner studs	10d 24" o.c.
Back-to-back, butt-joint with 1/2" spacers	16d 12" o.c., along each edge
Confined header in stud, face nail	16d 12" o.c., along each edge
Confined header in stud, toe nail	4-6d
Double studs, face nail	16d 24" o.c.
Double top plates, face nail	8-16d
Double top plates, remove 48" each side of end joints, face nail	16d 16" o.c.
Side plate against end-joint, 2x4 stud panels	3-16d, 16" o.c.
Stud to side plate, toe nail	3-8d or 2-16d
Top plate to plate, toe nail	2-16d
Top plates, laps or corners and intersections, face nail	2-16d
1" square each stud and wall, face nail	2-16d, 24" o.c. 1 1/2"
1" x 1" sheathing in each bearing, face nail	2-16d, 24" o.c. 1 1/2"
1 1/2" sheathing in each bearing, face nail	2-16d, 24" o.c. 1 1/2"
Whole floor 1 1/2" sheathing in each bearing, face nail	2-16d, 24" o.c. 1 1/2"
<b>FLOOR</b>	
Joist to sill or girder, toe nail	3-6d
1 1/2" x 12" joist to sill or girder, face nail	2-16d, 24" o.c. 1 1/2"
2" x 12" joist to sill or girder, head and face nail	2-16d
Joist to top plate, toe nail (not applicable sheet)	8d 12" o.c.
2" joists (block & beam - floor & roof)	2-16d, on each bearing
Block joists and joists, 2 each lumber layers	2-16d, on each bearing and end of joists
Joist on supporting steel or other	2-16d, on each side or other
* Local building codes may have additional requirements.	



WOOD JOIST MAXIMUM SPANS	
Span Illustrations	Span Table
Span Table	Span Table

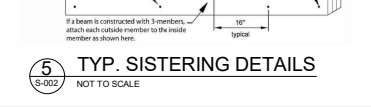
WOOD LINTEL SCHEDULE		
OPENING	HEADER	NJ
UP TO 4'-0"	TWO 2x8"	1
4'-1" TO 6'-0"	TWO 2x10"	2
6'-1" TO 8'-0"	TWO 2x12"	2
<b>HEADER AT FLOOR OPENING</b>		
OPENING	HEADER	NJ
UP TO 4'-0"	TWO 2x10"	2
4'-1" TO 6'-0"	TWO 2x12"	2
6'-1" TO 8'-0"	THREE 2x12"	2

**GENERAL NOTES:**

- INDICATES NEW BEARING WALLS
- SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS
- PROVIDE 3/4" T&G PLYWOOD SUBFLOOR
- PROVIDE 1/2" APA RATED PLYWOOD ROOF SHEATHING
- FLOOR JOISTS LAYOUT IS FOR GUIDANCE & SHALL BE COORDINATED WITH OTHER DWGS. COORDINATE ALL APPLICABLE TRADES
- TYP. EXT. SHEAR WALL 2x10 @ 16" O.C. - SEE ARCH. DWGS.
- ALL EXTERIOR WALLS TO BE SHEATHED W/ 1/2" APA RATED OSB WALL SHEATHING & 10D NAILS @ 12" O.C. @ PANEL EDGES @ 12" O.C. AT INTERMEDIATE SUPPORTS
- ALL PARTY WALLS TO BE SHEATHED W/ 1/2" GYPSUM WALLBOARD NAILED W/ 6 COLES NAILS OR EQUIVALENT @ 4" O.C. - SPACE STUDS @ 16" O.C. MAX.
- ALL ROOF FRAMING TO BE PRE-ENGINEERED WOOD TRUSS OR RAFTERS @ 24" O.C. UNLESS NOTED OTHERWISE
- PROVIDE HURRICANE ANCHORS CAPABLE OF RESIST UPRT LOADS
- CONTRACTOR TO VERIFY ROOF SPANS, HEEL HEIGHTS, FITCHES, OVERHUNG WARCH DWGS.
- LAYOUT SHOWNS FOR GUIDANCE & SHALL NOT BE USED AS SHOP DWGS.
- PROVIDE 1/2" APA RATED PLYWOOD OSB ROOF SHEATHING W/ SHIMSON METAL CLIPS @ 24" O.C. OR EQ. @ ROOF LVL.

**LINTEL NOTES:**

- WOOD LINTELS FOR OPENINGS IN NEW CONSTRUCTION WALLS. TYP.
- STEEL LINTELS ONLY FOR NEW OPENINGS IN EXISTING CONSTRUCTION WALLS.



**CONNECTOR SCHEDULE**  
**BRACKET/ANCHOR/STRONG-TIE METAL CONNECTIONS**

- ROOF RAFTER - H SEISMIC & HURRICANE TIE & MTL. CONNECTOR PER TRUSS SPECS. - INSTALL PER MFR'S INST.  
 - FLOOR JOIST - L FACE MOUNT METAL JOIST HANGER - INSTALL PER GPMFRS INST.

**ROOF NOTES:**

- ROOF SHEATHING SHALL BE 5/8" OR 3/4" (AS INDICATED ON DRAWINGS) C.O.D. EXTERIOR STRICT PLYWOOD. PROVIDE H CLIPS BETWEEN ALL ROOF TRUSSES OR RAFTERS.
- ROOF SHEATHING PANEL SHALL BE NAILED AS FOLLOWS: 8D COMMON NAILS AT 6" SPACING (PANEL EDGE) AND 12" SPACING INTERMEDIATE SUPPORTS.

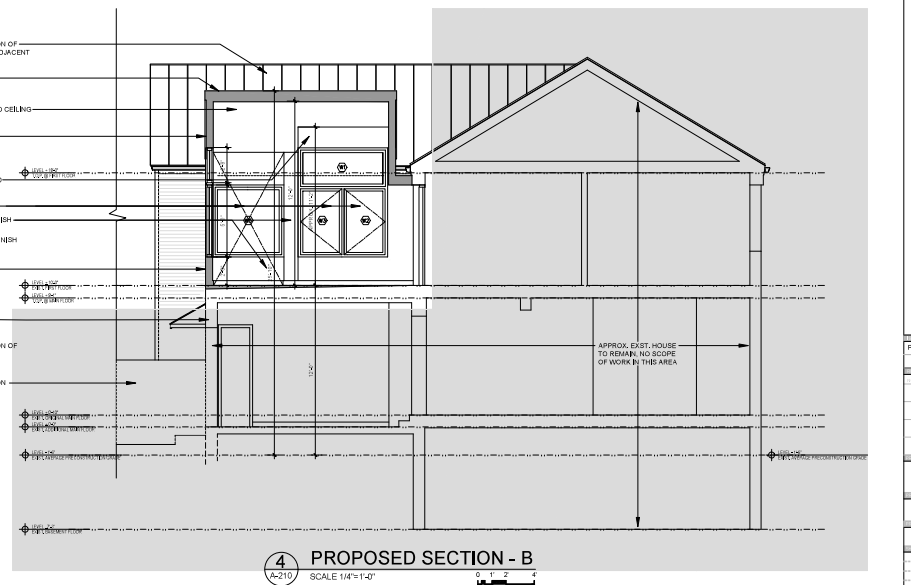
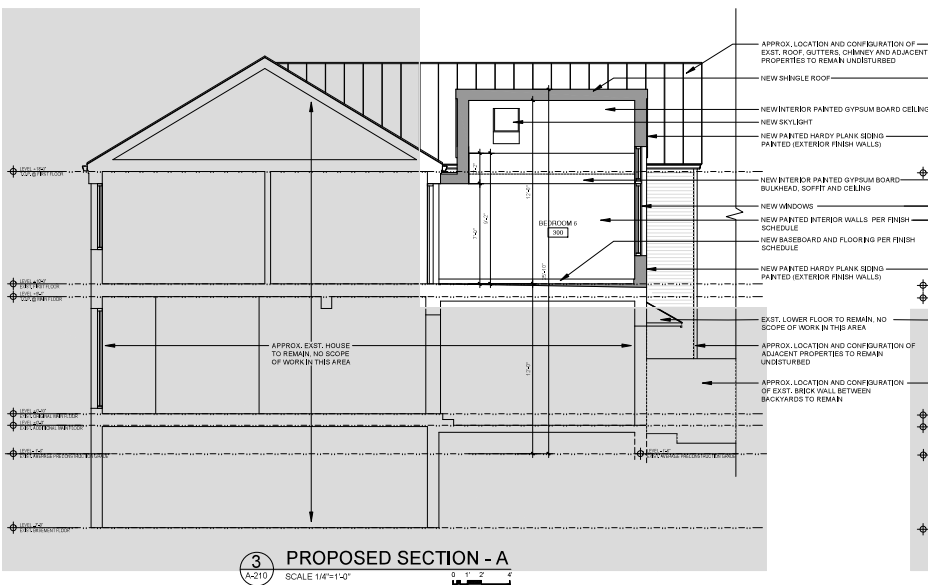
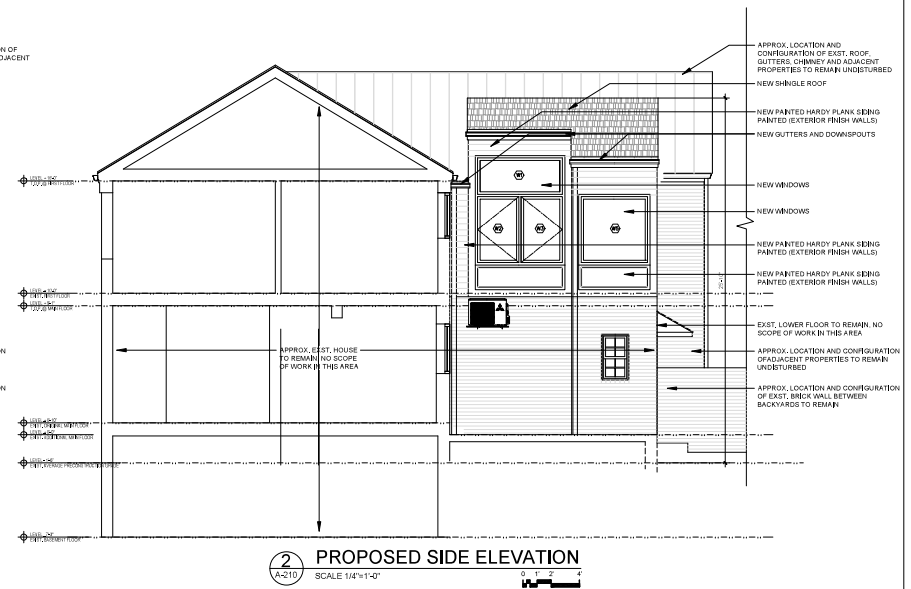
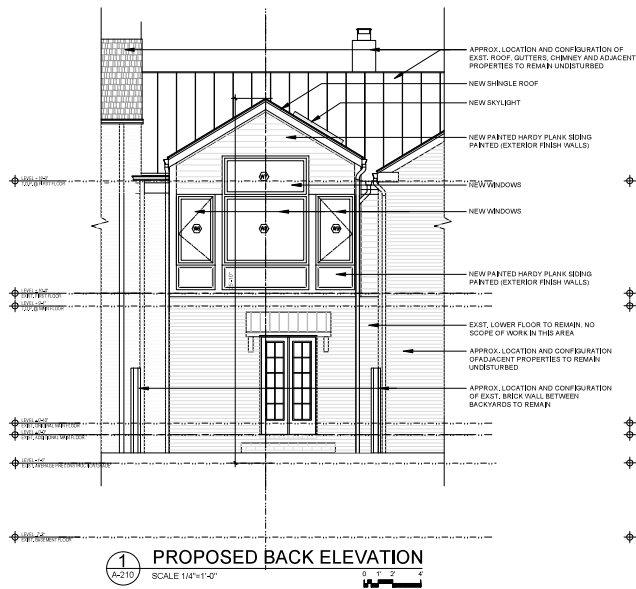
**BRACING NOTES:**

- BRACED WALL PANELS ARE PART OF THE CONTINUOUS SHEATHING METHOD CS-WSP.
- BRACED WALL SEGMENTS 30" MIN. BRACING UNIT - SEE PLAN

TOTAL WALL LENGTH = SEE PLAN

3. SHEATHING SHALL BE NAILED AS FOLLOWS: 8D COMMON NAILS AT 6" SPACING (PANEL EDGE) AND 12" SPACING INTERMEDIATE SUPPORTS.





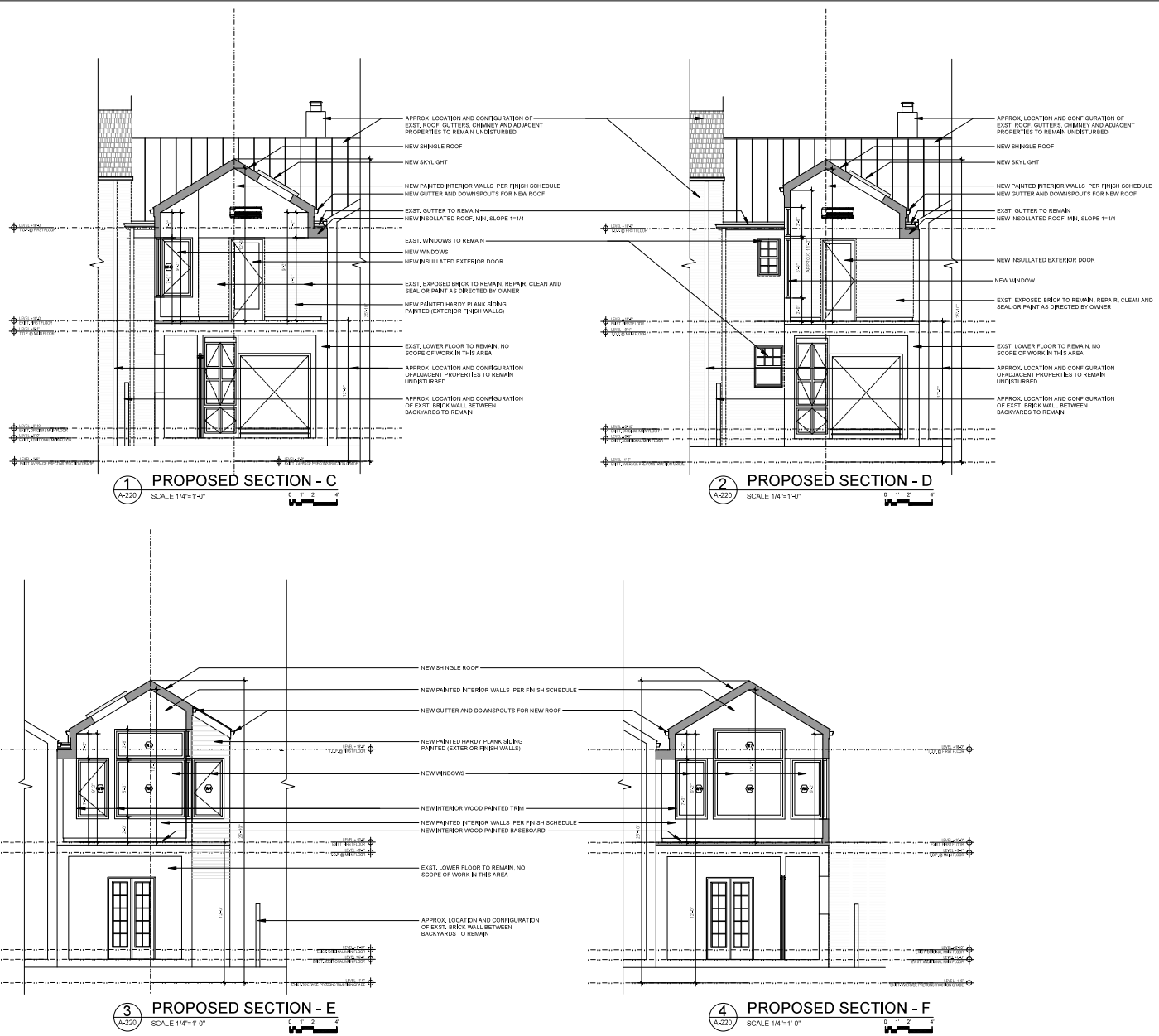
# FOUR SEASON PORCH ADDITION

729 S PITT STREET ALEXANDRIA, VA 22314-4307

OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

PERMIT SET	#12-024
DATE	08/12/2024
PROJECT	FOUR SEASON PORCH ADDITION
OWNER	SAMANTHA L. SHELTON AND ASHLEY W. BONE
ARCHITECT	A-210
729 S PITT STREET ALEXANDRIA, VA 22314-4307	
FOUR SEASON PORCH ADDITION	
ELEVATIONS AND SECTIONS	

A-210



# FOUR SEASON PORCH ADDITION

729 S PITT STREET ALEXANDRIA, VA 22314-4307

OWNERS: SAMANTHA L. SHELTON AND ASHLEY W. BONE

PERMIT SET	4-12-2024
DATE	
NO.	
729 S PITT STREET ALEXANDRIA, VA 22314-4307	
FOUR SEASON PORCH ADDITION	
DEMOLITION AND NEW- CONSTRUCTION PLANS	

A-220

