

COMMISSION OF ARCHITECTURAL REVIEW

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

PROPERTY (location of work)	Date/time rec'd:
Address 419-421 Brook Rd	Rec'd by:
Historic district Factor ward	Application #: Hearing date:
APPLICANT INFORMATION	ct
Name J. Sid DelCardagre Company Project 421, LLC. Mailing Address 1832 Parts Are Richard, VA. 23220	Phone 804-387-1600 Email Sido Van Gorichmond. Co M Applicant Type: Mowner Agent Lessee Architect Contractor Other (please specify):
OWNER INFORMATION (if different from above) Check	k if Billing Contact
Name J. Sa ne	Company
Mailing Address	Phone
	<u>Email</u>
PROJECT INFORMATION	
Project Type: 💢 Alteration 🗆 Demolition	n X New Construction (Conceptual Review Required)
Project Description: (attach additional sheets if needed)	
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 payment of the application fee. Applicants 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 <u>responsibility</u> of the applicant to determine if zoning approval is required and application materials should be prepared in compliance with zoning.

Signature of Owner Date 5-7-7



legal "plat of survey"

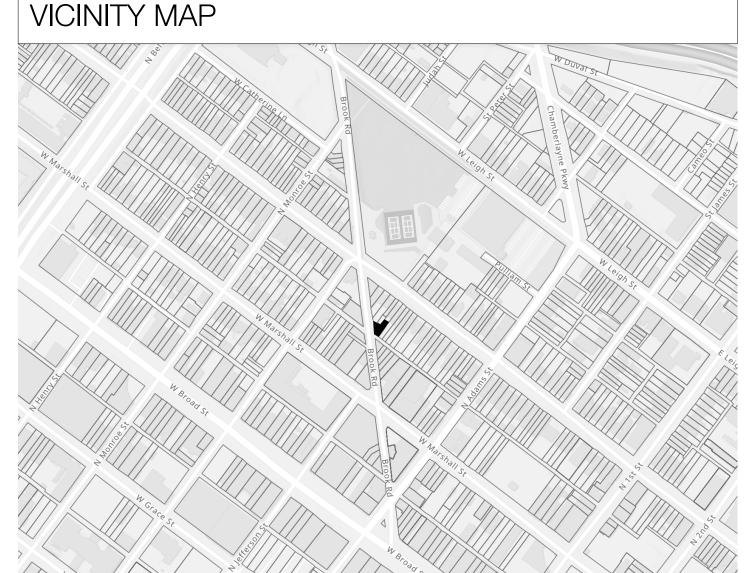
CERTIFICATE OF APPROPRIATENESS

ALTERATION AND ADDITION CHECKLIST

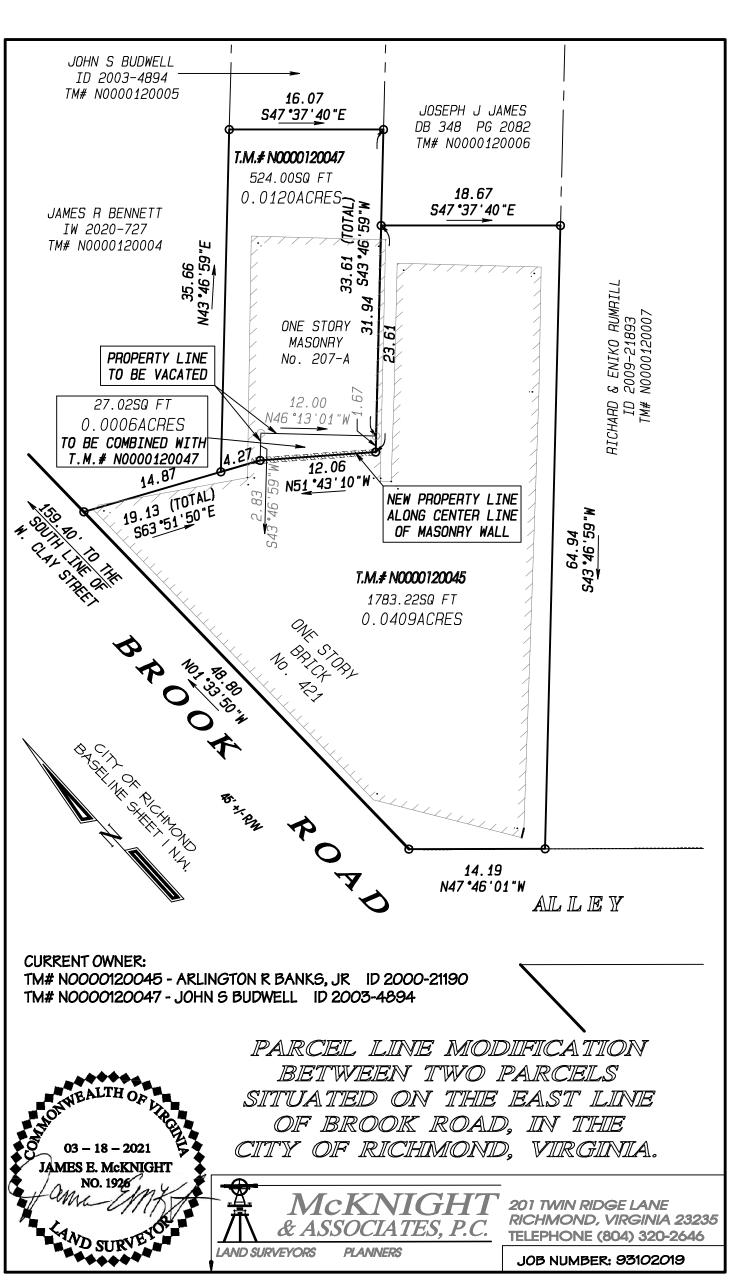
<u>Well in advance</u> of the COA application deadline contact staff to discuss your project, and if necessary, to make an appointment to meet with staff for a project consultation.

Complete all applicable sections and submit with the COA application form. Staff can assist you in determining what items are required for your scope of work. An incomplete application may cause delays in processing or may be deferred to the next agenda. Application materials <u>must</u> clearly represent current and proposed conditions. Refer to Standards for Rehabilitation outlined in Section 30.930.7(b) of the City Code, as well as, the *Richmond Old and Historic Districts Handbook and Design Review Guidelines*.

PROPERTY ADDRESS: _	419-421 Brook Rd				
BUILDING TYPE		ALTERATION TYPE			
☐ single-family residence	☐ garage	addition	□ roof		
☐ multi-family residence	☐ accessory structure	☐ foundation	\square awning or canopy		
☐ commercial building	☐ other	\square wall siding or cladding	☐ commercial sign		
mixed use building		☐ windows or doors	☐ ramp or lift		
☐ institutional building		☐ porch or balcony	☐ other		
WRITTEN DESCRIPTION	l				
■ property description, curren	■ property description, current conditions and any prior alterations or additions				
■ proposed work: plans to change any exterior features, and/or addition description					
current building material conditions and originality of any materials proposed to be repaired or replaced					
proposed new material description: attach specification sheets if necessary					
PHOTOGRAPHS place on 8 ½ x 11 page, label photos with description and location (refer to photograph guidelines)					
■ elevations of all sides					
detail photos of exterior ele	ments subject to proposed wo	rk			
☐ historical photos as evidence for restoration work					
DRAWINGS (refer to require	d drawing quidelines)				
current site plan	■ list of current windows ar	nd doors	evations (all sides)		
■ proposed site plan	■ list of proposed window a	and door I proposed	elevations (all sides)		
current floor plans	☐ current roof plan	■ demolition	n plan		
proposed floor plans	■ proposed roof plan	■ perspective	e and/or line of sight		



SURVEY PLAT



GENERAL NOTES

1. PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE CODES.

2. DO NOT SCALE DRAWINGS. DIMENSIONS SHOWN ON DRAWINGS SHALL GOVERN. ALL DIMENSIONS ARE TAKEN TO FACE OF STUDS OR EXISTING MASONRY/CONCRETE OR OTHER EXISTING CONSTRUCTION, UNLESS OTHERWISE INDICATED.

3. OBTAIN AND PAY FOR ALL PERMITS, PROCESS AND COMPLETE ALL INSPECTIONS AND REPORTS, SECURE FINAL BUILDING CODE OFFICIAL SIGN-OFFS AND OBTAIN A CERTIFICATE OF OCCUPANCY. PROVIDE THE OWNER WITH A BONAFIDE RELEASE OF ALL LIENS WITH EACH SUBCONTRACTOR'S SIGNATURE.

4. INSTALL ARCHITECT'S SIGN WITHIN 30 DAYS OF NOTICE TO PROCEED, ADJACENT

TO CONTRACTOR'S SIGN OR AS APPROVED BY THE OWNER. ARCHITECT'S SIGN SHALL BE FURNISHED BY THE ARCHITECT. THE CONTRACTOR SHALL MAINTAIN SIGN IN NEAT APPEARANCE THROUGH DURATION OF THE CONTRACT. REMOVE AND TURN OVER SIGN TO THE ARCHITECT AT PROJECT COMPLETION.

5. SCHEDULE A KICK OFF MEETING WITH ARCHITECT, CONTRACTOR AND MAJOR SUBCONTRACTORS TO COORDINATE ALL BUILDING SYSTEMS.

6. PROVIDE ALL TEMPORARY FACILITIES AND UTILITIES REQUIRED FOR COMPLETION OF THE PROJECT.

7. IF LEAD PAINT IS ENCOUNTERED, COMPLY WITH OSHA 29CFR 1926.62

8. ISOLATE CONSTRUCTION ACTIVITIES FROM OCCUPIED AREAS, PARKED VEHICLES, ADJACENT BUILDINGS OR PROPERTY FOR NOISE, DUST, HEAT LOSS AND GENERAL ACCESS.

9. KEEP CONSTRUCTION SITE CLEAN AND FREE OF DEBRIS AT ALL TIMES.

10. PROVIDE A SUBMITTAL/ SHOP DRAWING LOG WITHIN 30 DAYS OF NOTICE TO PROCEED TO THE ARCHITECT. LOG MUST INDICATE ANTICIPATED DATES FOR DESIGN PROFESSIONAL REVIEW. PROVIDE SHOP DRAWINGS AND / OR SUBMITTALS FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION OF ALL ITEMS. PRIOR TO SUBMITTING SHOP DRAWINGS AND SUBMITTALS, REVIEW EACH ITEM FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION, AND COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. ALL SUBMITTALS SHALL BE FOR PRODUCTS SPECIFIED OR INDICATED. SUBSTITUTIONS MUST BE SO IDENTIFIED AND MAY REQUIRE ADDITIONAL REVIEW TIME BY THE ARCHITECT OR ENGINEER.

11. ALL ITEMS FOR CONSTRUCTION SHALL BE NEW, UNUSED AND OF HIGHEST QUALITY. INSTALL ALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.

12. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY OR IN ROOF APPLICATIONS (CURBS, BLOCKING ETC.) SHALL BE PRESSURE PRESERVATIVE TREATED

13. ALL GLAZING SHALL COMPLY WITH HAZARDOUS LOCATION REQUIREMENTS AS INDICATED IN BUILDING CODE.

14. PROVIDE CAULKING BETWEEN DISSIMILAR MATERIALS IN ORDER TO INSURE WEATHER TIGHTNESS AND / OR CONTINUITY OF FINISHES.

15. PROVIDE ADEQUATE FRAMING / BLOCKING OR CONCEALED SUPPORTS AND FASTENING DEVICES FOR ALL ITEMS TO BE MOUNTED TO THE CEILINGS OR WALLS.

16. EXTEND ALL FLOOR, WALL, AND CEILING FINISHES UNDER OR BEHIND ANY ITEM OF EQUIPMENT, FURNITURE, ETC.

17. SIGNAGE: ALL SIGNAGE FOR FIRE EQUIPMENT SHALL BE PERMANENTLY INSTALLED AND BE READILY VISIBLE ON THE ENTRANCE DOOR. LETTERS MUST CONTRAST WITH THE SIGN BACKGROUND. SIGNAGE MUST BE 4" IN HEIGHT AND SHALL READ "SPRINKLER CONTROL VALVES".

PROVIDE TACTILE WARNING SIGNAGE STATING "EXIT" AT DOORS TO ENCLOSED

PROVIDE TACTILE WARNING SIGNAGE STATING "EXIT" AT DOORS TO ENCLOSED STAIRWAYS, ADJACENT TO THE LATCH SIDE OF THE DOOR, 60 INCHES ABOVE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN.

18. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF FIRE RATED ASSEMBLIES THAT ARE PENETRATED BY BUILDING SYSTEMS. REPAIR ALL VOIDS AND HOLES IN FLOORS, WALLS, CEILINGS, ROOFS WITH SOLID MATERIAL TO MATCH ADJACENT CONSTRUCTION, FIRE RATINGS AND PERFORMANCE.

19. WHERE NEW ROOFING IS INDICATED, PROVIDE FLASHING AT ADJOINING STRUCTURES AND PENETRATIONS TO ENSURE THEY ARE WATERTIGHT AND MAINTAIN REQUIRED WARRANTY. UNLESS OTHERWISE INDICATED, EXTEND ROOF MEMBRANE UP THE BACK OF PARAPETS AND UNDER COPINGS TO BUILDING

20. BUILDING TO BE WATERTIGHT AGAINST ELEMENTS.

21. PROVIDE 4" MINIMUM BETWEEN HINGE SIDE OF DOOR OPENINGS AND NEAREST ADJOINING WALL OR PARTITION, UNLESS OTHERWISE NOTED.

22. EACH FINISH SUB-CONTRACTOR SHALL INSPECT THE SUBSTRATE AND DETERMINE THE SUITABILITY FOR THE TYPE OF MATERIAL TO BE INSTALLED. REPORT ALL UNSUITABLE CONDITIONS TO CONTRACTOR FOR CORRECTION. CARPET AND TILE CONTRACTORS SHALL PROVIDE FLASH PATCHING AS REQUIRED FOR A TRUE AND LEVEL FINISH. CLEAN ALL SURFACES TO RECEIVE NEW FINISHES OF FOREIGN MATERIAL THAT WOULD ADVERSELY AFFECT THE APPLICATION AND PERFORMANCE OF NEW FINISHES. COMMENCEMENT OF WORK IS ACKNOWLEDGEMENT OF THE CONTRACTOR'S ACCEPTANCE OF THE SUBSTRATE.

23. COMPLY WITH CROSS CONNECTION AND BACKFLOW PROGRAM REQUIREMENTS. PROVIDE DETAIL DRAWINGS OF EXISTING UTILITIES AND NEW BACKFLOW AND SPRINKLER INSTALLATIONS TO THE DEPARTMENT OF UTILITIES FOR APPROVAL PRIOR TO INSTALLATION.

24. PROVIDE ALL HOOKUPS AS REQUIRED FOR INDICATED EQUIPMENT.

25. SPRINKLER SYSTEM SHALL BE PROVIDED ON A DESIGN-BUILD BASIS WITH SHOP DRAWINGS INCLUDING A PROFESSIONAL ENGINEER SEAL FOR APPROVAL BY BUILDING CODE OFFICIAL. SPRINKLER CONTRACTOR SHALL VERIFY THE OWNER'S SPRINKLER SUPERVISION METHOD SELECTION AND COORDINATE WITH THE FIRE ALARM SUB CONTRACTOR. COORDINATE ALL COMPONENTS WITH OTHER TRADES TO MINIMIZE CONFLICTS.

26. PROVIDE PORTABLE FIRE EXTINGUISHER ON EACH COMPLETED FLOOR DURING CONSTRUCTION IN ACCORDANCE WITH NFPA 10 (STANDARDS FOR THE INSTALLATION OF PORTABLE FIRE EXTINGUISHERS).

27. GUARANTEE ALL WORK FOR A MINIMUM PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION.

GENERAL HAZARD NOTES

1. UNDERGROUND STORAGE TANKS (UST), IF FOUND, ARE TO BE "CLOSED IN PLACE". ANALYZE A MINIMUM OF 8 SOIL SAMPLES ADJACENT TO THE BOTTOM OF THE USTS FOR TOTAL PETROLEUM HYDROCARBON VIA EPA METHOD 8015B.

2. ASBESTOS-CONTAINING MATERIALS, IF FOUND, ARE TO BE MANAGED UNDER A SITE-SPECIFIC OPERATIONS AND MAINTENANCE PROGRAM DEVELOPED IN ACCORDANCE WITH STATE AND FEDERAL GUIDELINES BY A LICENSED ASBESTOS PROJECT DESIGNER.

3. LEAD-BASED PAINT, IF FOUND, SHALL BE ENCAPSULATED IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS UNLESS OTHERWISE NOTED.
AREAS IDENTIFIED WITH LEAD PAINT SUBJECT TO PAINT REMOVAL SHALL BE PERFORMED IN A CONTROLLED MANNER PER OSHA 29 CFR 1926.62.

4. POLYCHLORINATED BIPHENYLS - PCB CONTAINING LIGHT BALLASTS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL STATE AND FEDERAL APPLICABLE REGULATIONS BY AN ELECTRICAL CONTRACTOR FAMILIAR WITH PCBS.

SCOPE OF WORK

419-421 Brook Road is a single story masonry structure in the Jackson Ward Old and Historic District. It is now a single parcel, but used to be two separate buildings with different uses. The property was most recently used as a laundromat. The structure that was 419 is zoned R-6, while the structure that was originally 421 is zoned B-1.

The current scope of work is a rehabilitation of the structure along with a new modern second story addition. The proposed use on the ground floor is an office within the former 421 structure and a dwelling unit at the 419 address. The second floor addition dedicated to the 419 dwelling unit.

A special use application has been filed for this project because of the non-conforming existing yards and lot coverage.

CODE INFORMATION	NO CHANGE OF USE SEPARATED MIXED USE OCCUPANCY	
APPLICABLE BUILDING CODE	2015 Virginia Construction Code (2015 VCC)	
CONSTRUCTION TYPE	TYPE VB	
AUTOMATIC SPRINKLER SYSTEM	NFPA 13	
USE GROUP	В	R-2
ALLOWABLE AREA (TABLE 506.2)	36,000 sf	21,000 SF
PROPOSED FIRST FLOOR AREA	1,886 sf	449 sf
PROPOSED SECOND FLOOR AREA	-	2,338 sf
ALLOWABLE HEIGHT (TABLE 504.3 & 504.4)	3 Stories 60 ft	3 Stories 60 ft
PROPOSED BUILDING HEIGHT	1 Story 12'	2 Stories 25 ft

ZONING REQUIREMENTS				
ADDRESS	419	421		
ZONING	B-1	R-6		
PRINCIPAL USE	OFFICE	DWELLING		
ACCESSORY USE	DWELLING	STORAGE		
FRONT YARD	10" (EXISTING)	10" (EXISTING)		
SIDE YARD	NONE (EXISTING)	2'-3" (EXISTING)		
REAR YARD	NONE (EXISTING)	3'-9" (EXISTING)		
HEIGHT EXISTING	15'	15'		
HEIGHT PROPOSED	25'	25'		
LOT COVERAGE	-	77.4% (EXISTING)		

NOTE: A SPECIAL USE APPLICATION HAS BEEN FILED FOR THIS PROJECT

MEP NOTES

MECHANICAL

1. All vents to be run through the roof, including fans, dryer vents & make-up air intakes. Where visible, penetrations to be painted to match roof color.

2. Stacked corridors in each building to be conditioned with a single unit, using a transfer grille with fire damper between floors.

3. Locate condensers to on roof unless otherwise specified.

4. Return Air Grill to be a vent set into wall, see plan, (doors to HVAC closet will not be louvered). Filter to be readily accessible.

5. No exposed duct.

6. All refrigerant lines need to be enclosed in walls or ceilings.

7. No CFC's in mechanical units.

8. All units to use R-410A coolant.

ELECTRICAL

1. Provide separate meters for each use group.

2. All electrical feeders to be concealed.

3. All wire is to be concealed in wall construction. No exposed "Romex" cable for electrical wiring. In cases where wiring cannot be concealed (solid masonry walls) it should be run in conduit (EMC). Conduit runs should be made as short as possible, co-ordinate with architect.

4. Electrical panels should be located in a discrete location. Verify location with architect.

5. Power connection should enter building underground.

6. Emergency egress lighting should be either ballasted in corridor lights, or LED lights set as high as

7. Outlets and outlet covers should match the color of the adjacent surface. Check with architect to get approval on atypical surfaces like backsplashes, wainscots, and flooring.

PLUMBING

1. Plumbing to be wet vented.

2. Penetrations through the roof to be painted to match roof color.

3. Provide water to refrigerator ice-makers.

4. All plumbing lines should be run in concealed spaces.

5. Supply shall be CPVC.

6. Waste shall be PVC.

7. Water supply for each unit will be sub-metered, provide adequate space for meter.

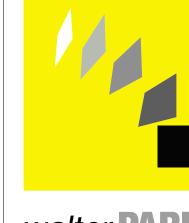
8. Individual unit water shut off valves should be installed in consistent location within each mechanical closet. Valves should be labeled "Water Shut Off".

9. Install back flow preventer above grade with drain, per city of Richmond requirements.

9. Install back flow preventer above grad10. Washer dryer to have pan and drain.

11. Provide two hose bibbs.

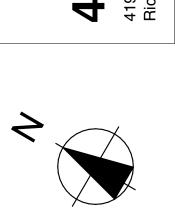
12. Where possible keep plumbing out of rated walls, utilize the floor assembly and or dropped ceilings



Walter Parks
ARCHITECTURE + INTERIOR DESIGN

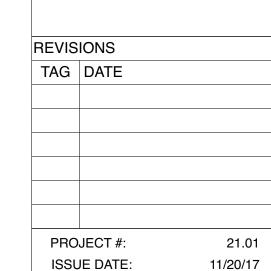
313 N. ADAMS STREET RICHMOND, VIRGINIA 23220 t: 644-4761 f: 644-4763 wparks.com





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GENERAL INFO

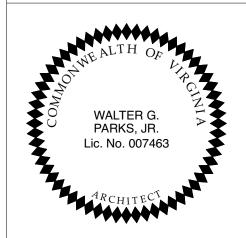




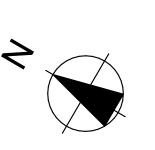
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419 Brook Rd



REVISIONS
TAG DATE

PROJECT #: 21.01
ISSUE DATE: 11/20/17

AS BUILT / DEMO PLANS

D.201





2 EXISTING / DEMO ALLEY ELEVATION

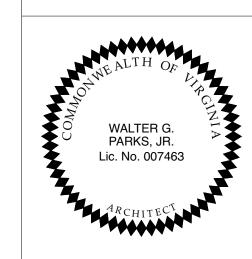
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0 2' 4' 8'

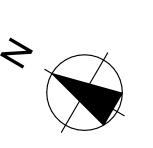


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419-421 Brook Rd



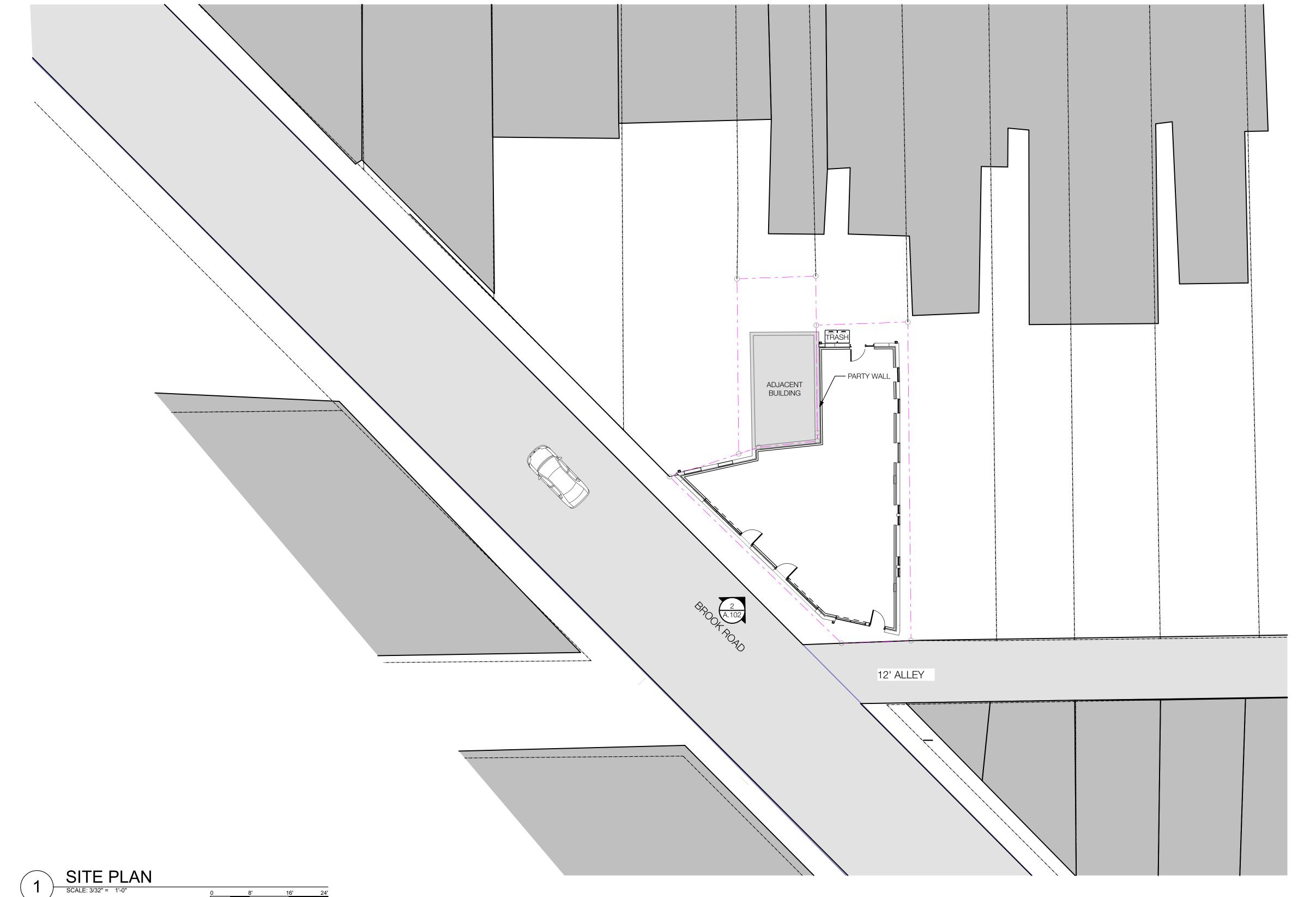
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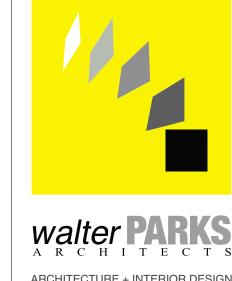
AS BUILT ELEVATIONS

D.202



BROOK RD ELEVATION IN CONTEXT SCALE: 3/32" = 1'-0" 0 8' 16' 24'

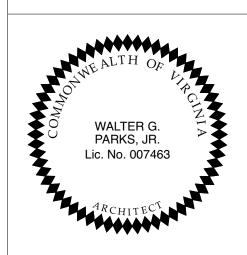




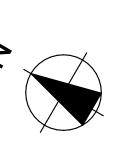
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419 Brook Rd



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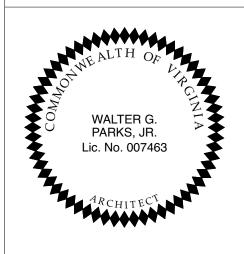
SITE PLAN & CONTEXT



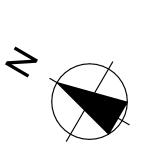
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19-421 Brook Rd

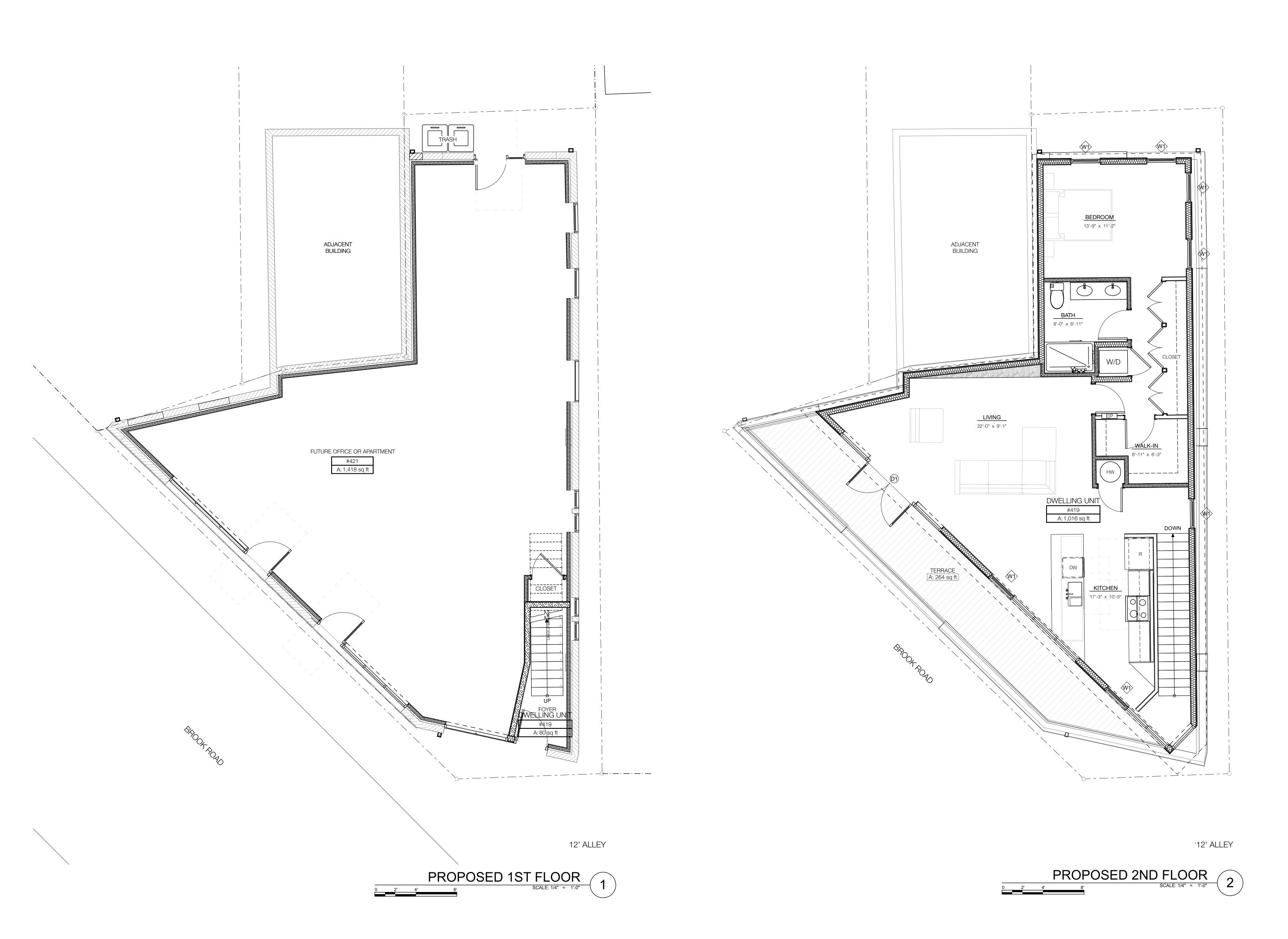


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PROPOSED LAYOUTS

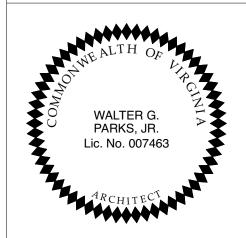




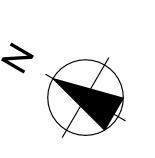
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119-421 Brook Rd



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PROPOSED PLANS

STATIONARY SECTIONS

ADA Sill

Architectural Design Manual August 2020

5 11/16"

6 9/16"

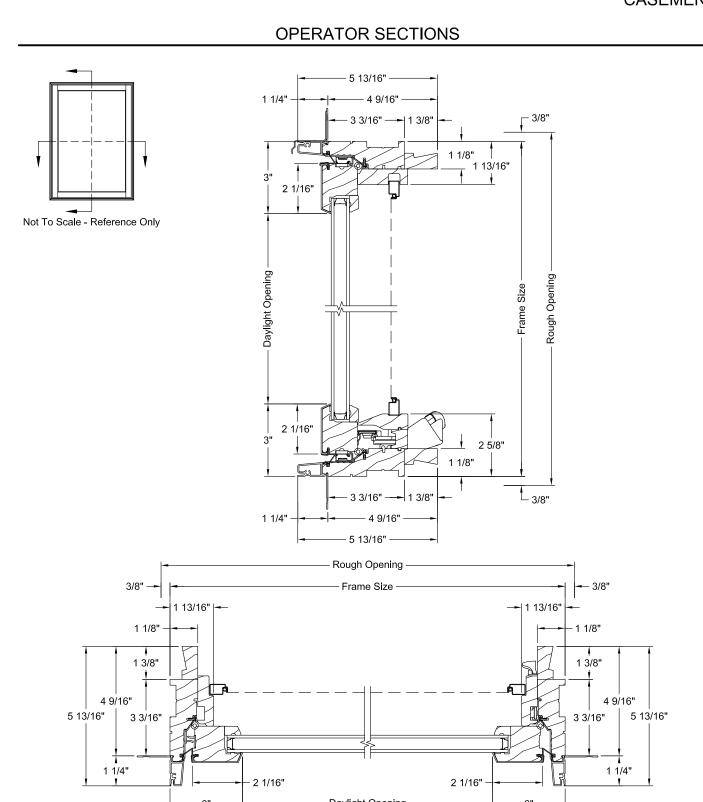
Product specifications may change without notice. Questions? Consult JELD-WEN customer service.



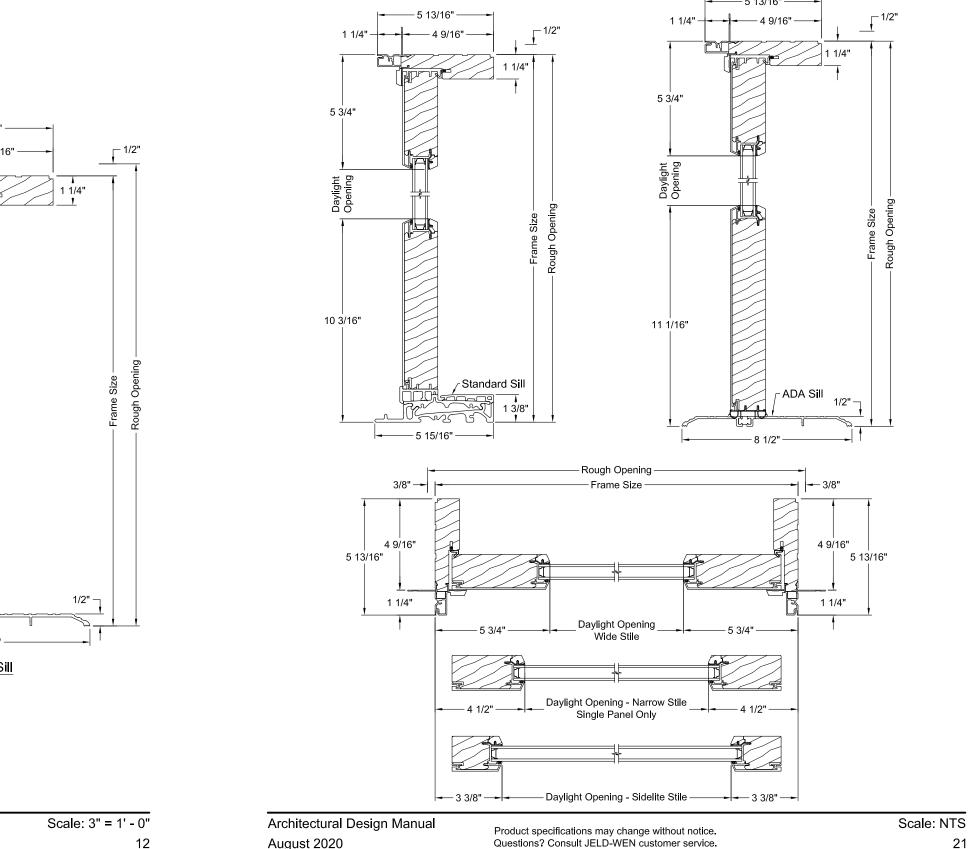
5 15/16" ----

Standard Sill

SITELINE® **CLAD-WOOD WINDOW** CASEMENT



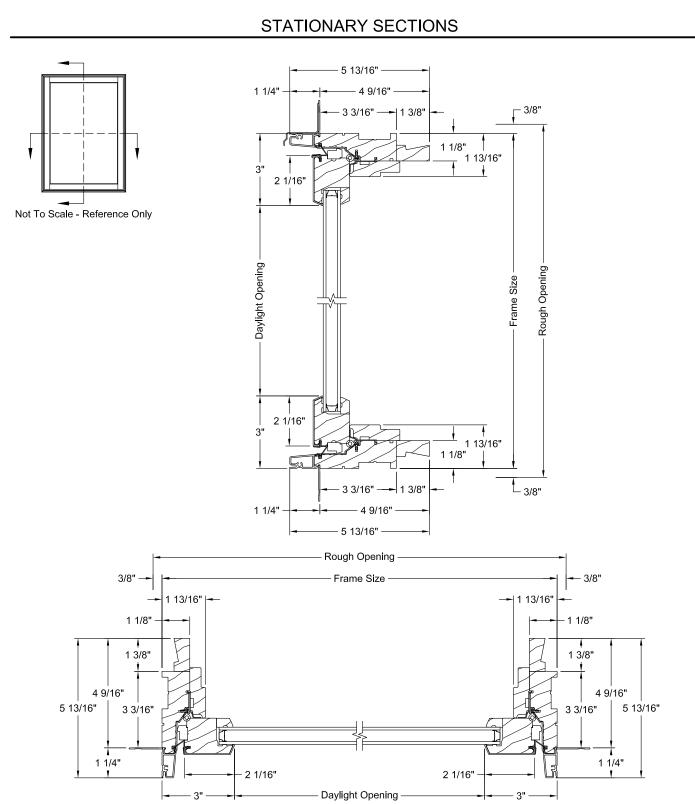
Architectural Design Manual Scale: 3" = 1' - 0" Product specifications may change without notice. Questions? Consult JELD-WEN customer service. April 2021



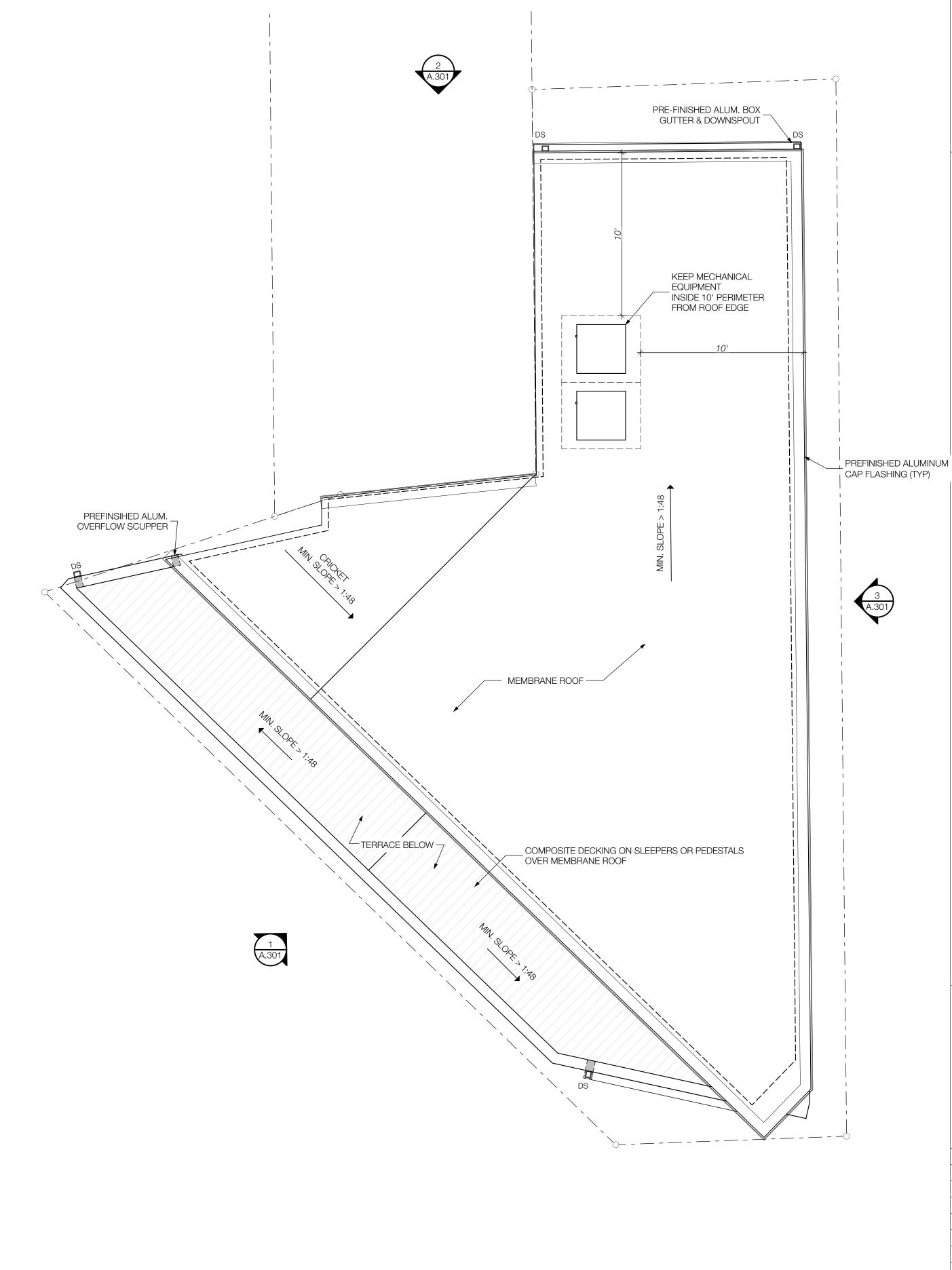


August 2020

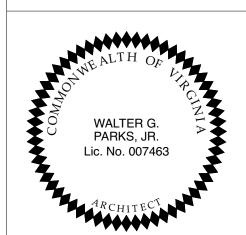
SITELINE[®] CLAD-WOOD WINDOW CASEMENT



Scale: 3" = 1' - 0" Architectural Design Manual Product specifications may change without notice. Questions? Consult JELD-WEN customer service. April 2021

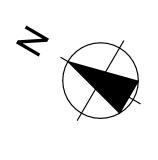


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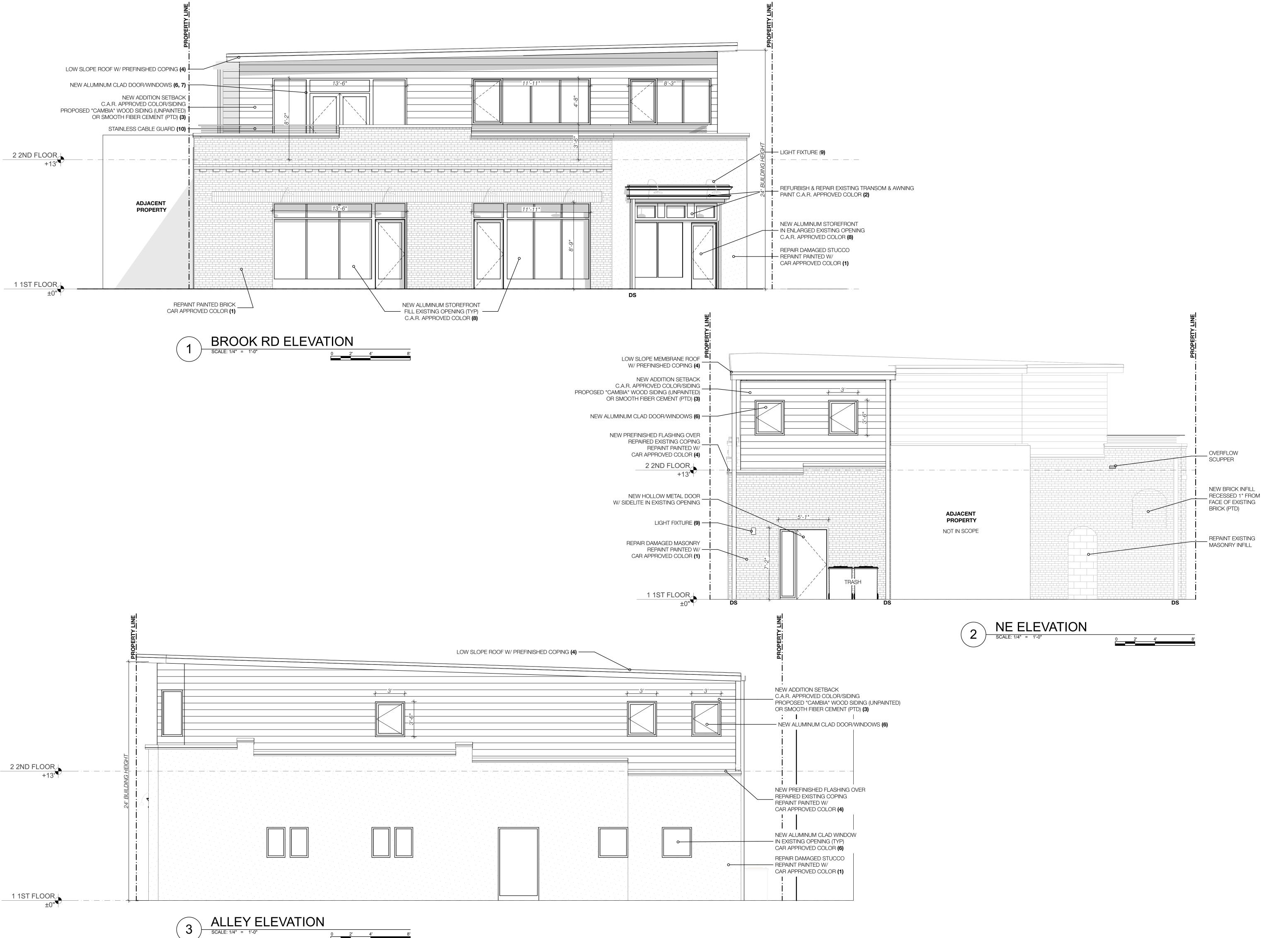


REVISIONS TAG DATE PROJECT #: 21.01 11/20/17 ISSUE DATE:

ROOF PLAN

SCALE: 1/4" = 1'-0"

ROOF PLAN & WINDOW/DOOR DETAILS

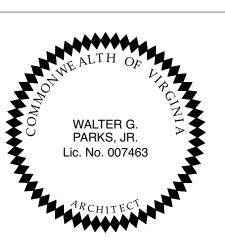




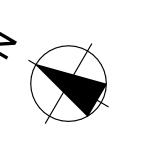
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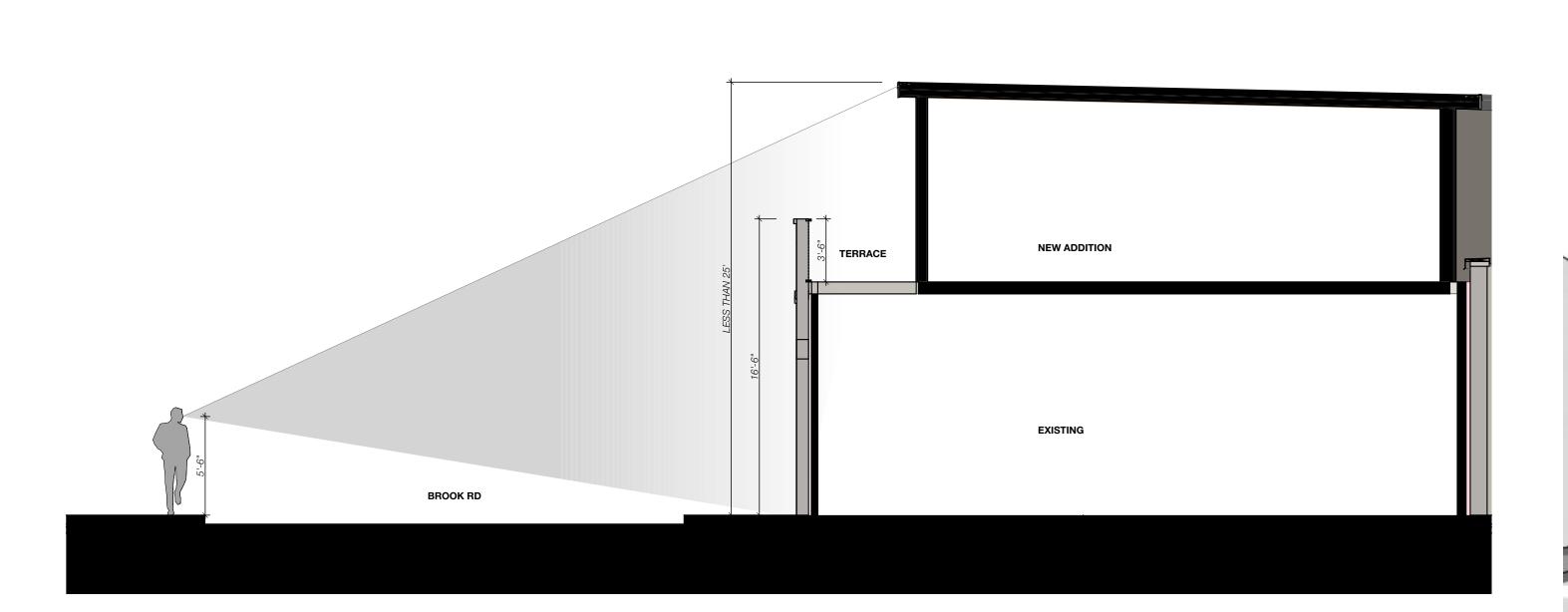
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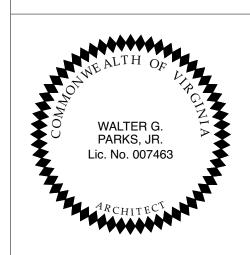








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MASSING STUDIES

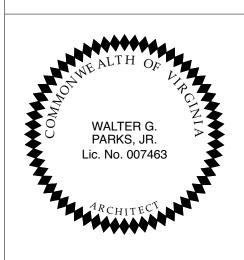
A.302

BROOK RD SIGHT LINE

SCALE: 3/16" = 1'-0" 0 4'



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COLOR & MATERIALS