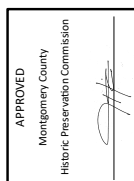


Description of Property: Please describe the building and surrounding environment. Include information on significant structures, landscape features, or other significant features of the property:

Description of Work Proposed: Please give an overview of the work to be undertaken:



REVIEWED

By Devon.Murtha at 4:26 pm, Apr 13, 2026

Work Item 1: _____

Description of Current Condition:

Proposed Work:

Work Item 2: _____

Description of Current Condition:

Proposed Work:

Work Item 3: _____

Description of Current Condition:

Proposed Work:



REVIEWED

By Devon.Murtha at 4:26 pm, Apr 13, 2026





REVIEWED
By Devon Murtha at 4:26 pm, Apr 13, 2026

REVIEWED
By Devon Murtha at 4:26 pm, Apr 13, 2026



APPROVED
Hampden County
Health Department
[Signature]

REVIEWED

By Devon.Murtha at 4:26 pm, Apr 13, 2026













APPROVED
MURTHA CONSULTING
BY: [Signature]

REVIEWED
By Devon Murtha at 4:26 pm, Apr 13, 2026





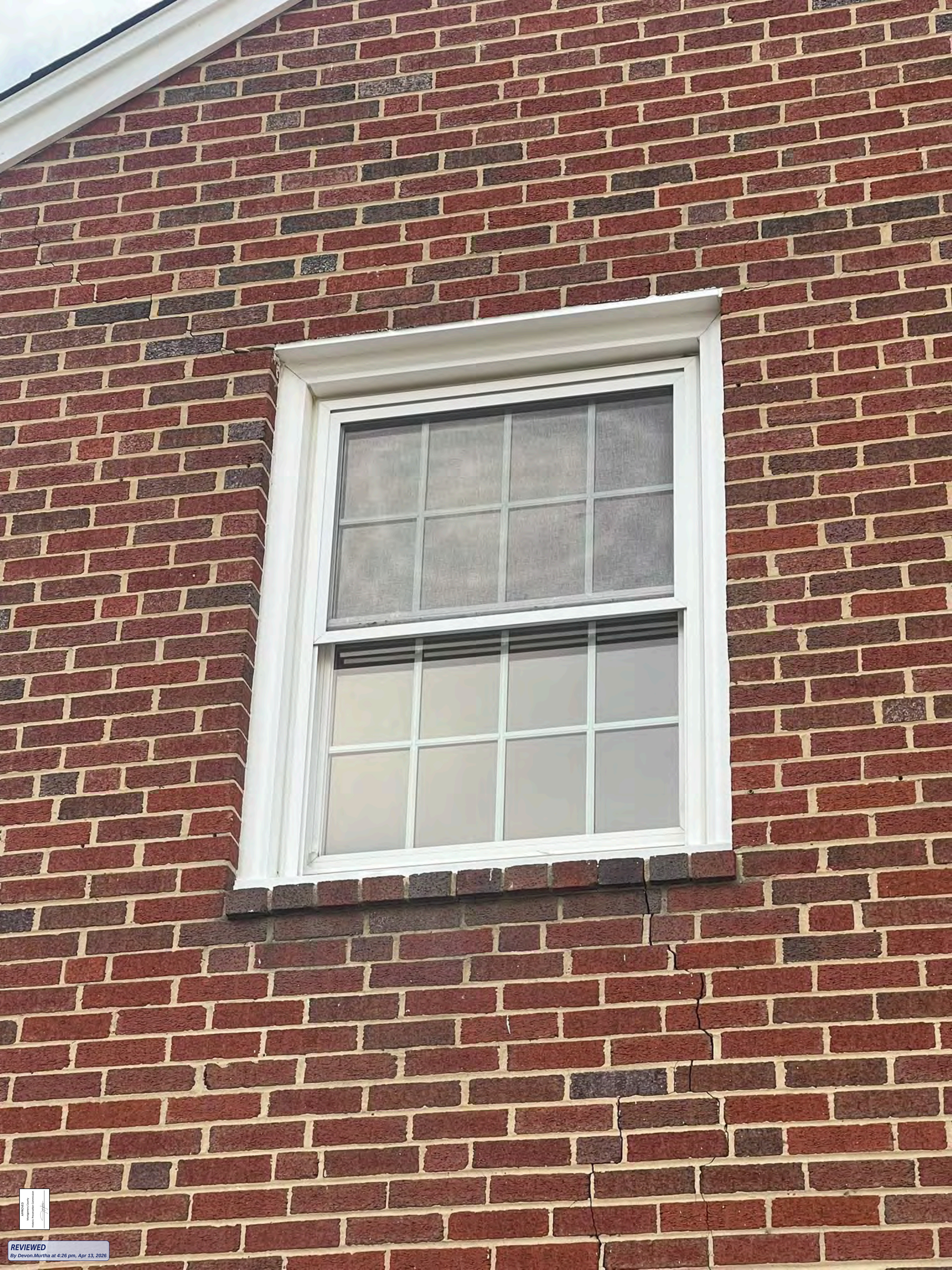










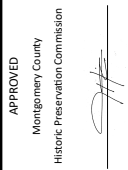






EXISTING VINYL DOUBLE HUNG WINDOW
TO BE REPLACED

FRONT OF HOME



REVIEWED

By Devon.Murtha at 4:26 pm, Apr 13, 2026



NEW 2640 VINYL CASEMENT WINDOW
IN EXISTING OPENING

FRONT OF HOME



REVIEWED

By Devon.Murtha at 4:26 pm, Apr 13, 2026



EXISTING VINYL WINDOW
TO BE REPLACED
USING EXISTING OPENING

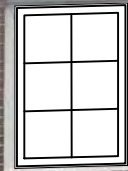
EXISTING VINYL WINDOW
TO BE REPLACED
USING EXISTING OPENING

DEMO EXISTING DOOR
TO ENLARGED OPENING

8'-0" X 6'-8"

REVIEWED
By Devon Murtha at 4:26 pm, Apr 13, 2026

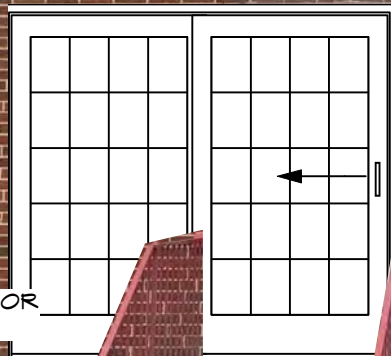
APPROVED
Montgomery County
Historic Preservation Commission

NEW 2640 VINYL TEMPERED
CASEMENT WINDOW
IN EXISTING OPENING



NEW TEMPERED
VINYL DOUBLE HUNG WINDOW
IN EXISTING OPENING



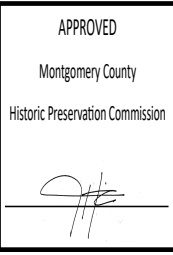
NEW 8068 VINYL SLIDING DOOR
IN ENLARGED OPENING



REAR OF HOME

REVIEWED
By Devon Murtha at 4:26 pm, Apr 13, 2026

APPROVED
Montgomery County
Historic Preservation Commission



Tuma Residence
7427 Carroll Avenue
Takoma Park, MD. 20912

STRUCTURAL NOTES

SOIL BEARING AND WATER CONDITION: ASSUMED SOIL BEARING CAPACITY OF 1500 PSF (MIN.) WITH A LATERAL PRESSURE OF 60 PSF.

LIVE LOADS: ROOF _____ 30 PSF 15 PSF DEAD LOAD Unreduced
FLOOR _____ 40 PSF 15 PSF
STAIRWAY _____ 100 PSF 15 PSF
WIND LOAD _____ 17 PSF

BACKFILL: SHALL NOT BE PLACED AGAINST WALLS UNTIL SLABS ON GRADE

FOUNDATIONS: BOTTOMS OF THE ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISH GRADE. ALL FOOTINGS SHALL BE AS SHOWN ON FOOTING PLANS AND PROJECT 12" INTO UNDISTURBED EXIS. NATURAL GROUND HAVING ALLOWABLE BEARING CAPACITY AS PER SOIL CONSULTANT'S RECOMMENDATIONS. DEPTHS AND SIZES OF ALL FOOTINGS SHALL BE VERIFIED IN THE FIELD. DEPTHS SHALL BE SUBJECT TO CHANGE IF SOIL CONDITIONS ARE OTHER THAN ASSUMED.

CONCRETE: ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST A.C.I. CODE 318. 28-DAY CONCRETE STRENGTH SHALL BE AS FOLLOWS:

F_c = 2,500 PSI FOR FOOTINGS, INTERIOR SLABS ON GRADE AND FILL IN CONCRETE BLOCKS.
F_c = 3,000 PSI FOR EXTERIOR SLABS ON GRADE.
F_c = 4,000 PSI FOR PRECAST CONCRETE UNITS.

ALL ROOFING MATERIALS TO HAVE ICE DAMMING PROTECTION.

WOOD SPECIES AND GRADE: HEM-FIR (SURFACED DRY OR SURFACED GREEN USED AT 14% MAX. No. 2 OR BETTER WITH THE FOLLOWING DESIGN VALUES:

F_b = 1,150 PSI (SINGLE MEMBER)
F_v = 75 PSI
F_c = 825 PSI
E = 1,400,000 PSI

LAMINATED VENEER LUMBER: MICRO-LAM LUMBER OR BETTER WITH THE FOLLOWING DESIGN PROPERTIES:

F_b = 2,800 PSI
F_v = 285 PSI
F_c = 2,700 PSI
E = 2,000,000 PSI

VERTICAL LOAD TRANSFER: ALL STRUCTURAL POSTS MUST BE VERTICALLY ALIGNED AND BLOCKED TO PROVIDE CONTINUOUS BEARING TO FOUNDATION.

CODE:

- Plans conform with IRC 2021
- All wood in contact with soil or masonry foundations will meet the ASTM standard A 153 and A 653, class 1B5.
- All framing lumber to be SPF#2 unless indicated otherwise.
- Design criteria used are as follows:
 - Roof load - 30lbs/sf.
 - Roof and floor dead load - 10lbs/sf.
 - Seismic design category B.
 - Termite damage susceptibility - moderate to heavy.
 - Winter design temperature - 15 degrees F, -9 degrees C.
 - Subjectivity to damage from weather - heavy.
 - Subjectivity to decay - moderate.
 - Floor live load in non-sleeping areas - 40lbs/sf.
 - Floor live load in sleeping areas - 30lbs/sf.
 - Wind speed - 115 mph (3 sec. gust method) 115 mph 40 m/s.
 - Frost line depth - 30"
 - Subfloors - 3/4" APA subfloor/underlayment rated, tongue and groove, glued and nailed to joists.
 - Roof sheathing - 12" OSB with spacers.
 - Roofing - 215lb per square asphalt shingles over 15lb felt.

DRAWING INDEX

COVER	001
EX. FLOOR PLANS	A001
EX. FLOOR PLANS	A002
PROPOSED FLOOR PLANS	A003
PROPOSED FLOOR PLANS	A004
FLOOR FRAMING and SECTION	A005

SCOPE OF WORK:

- 1- DEMO WINDOWS AS SHOWN TO REPLACE.
- 2- REPLACE KITCHEN DOOR HEADER AND LINTEL. INSTALL NEW LARGER DOOR.
- 3- CONSTRUCT NEW WALLS AND BATH IN ATTIC.
- 4- DEMO KITCHEN WINDOW TO INSTALL SMALLER WINDOW.

LINTEL SCHEDULE

IN BRICK VENEER AS FOLLOWS:

LINTEL	MO. OPENING
L 3 - 1/2x3 - 1/2x1/4	UP TO 3'-0"
L 3 - 1/2x3 - 1/2x1/4	3'-1" TO 4'-0"
L 4x3 - 1/2x1/4	4'-1" TO 5'-0"
L 4x3 - 1/2x5/16	5'-1" TO 6'-0"
L 5x3 - 1/2x5/16	6'-1" TO 7'-0"
L 6x4x3/8	7'-1" TO 8'-0"
L 6x4x3/8	8'-1" TO 9'-0"
	> 9'-0" CONSULT A/E

Description	Date
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Tuma Residence
7427 Carroll Avenue
Takoma Park, MD. 20912

Date: 4/13/2026

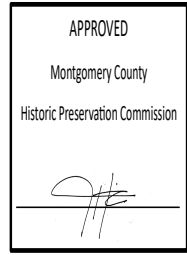
Drawn By: A&LK LOML

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

Sheet Number:

001

Cover Sheet



LEGEND

————— EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED

NEW CONSTRUCTION

SCOPE OF WORK:

1-DEMO WINDOWS AS SHOWN TO REPLACE.

2-REPLACE KITCHEN DOOR HEADER AND LINTEL.

INSTALL NEW LARGER DOOR.

3-CONSTRUCT NEW WALLS AND BATH IN ATTIC.

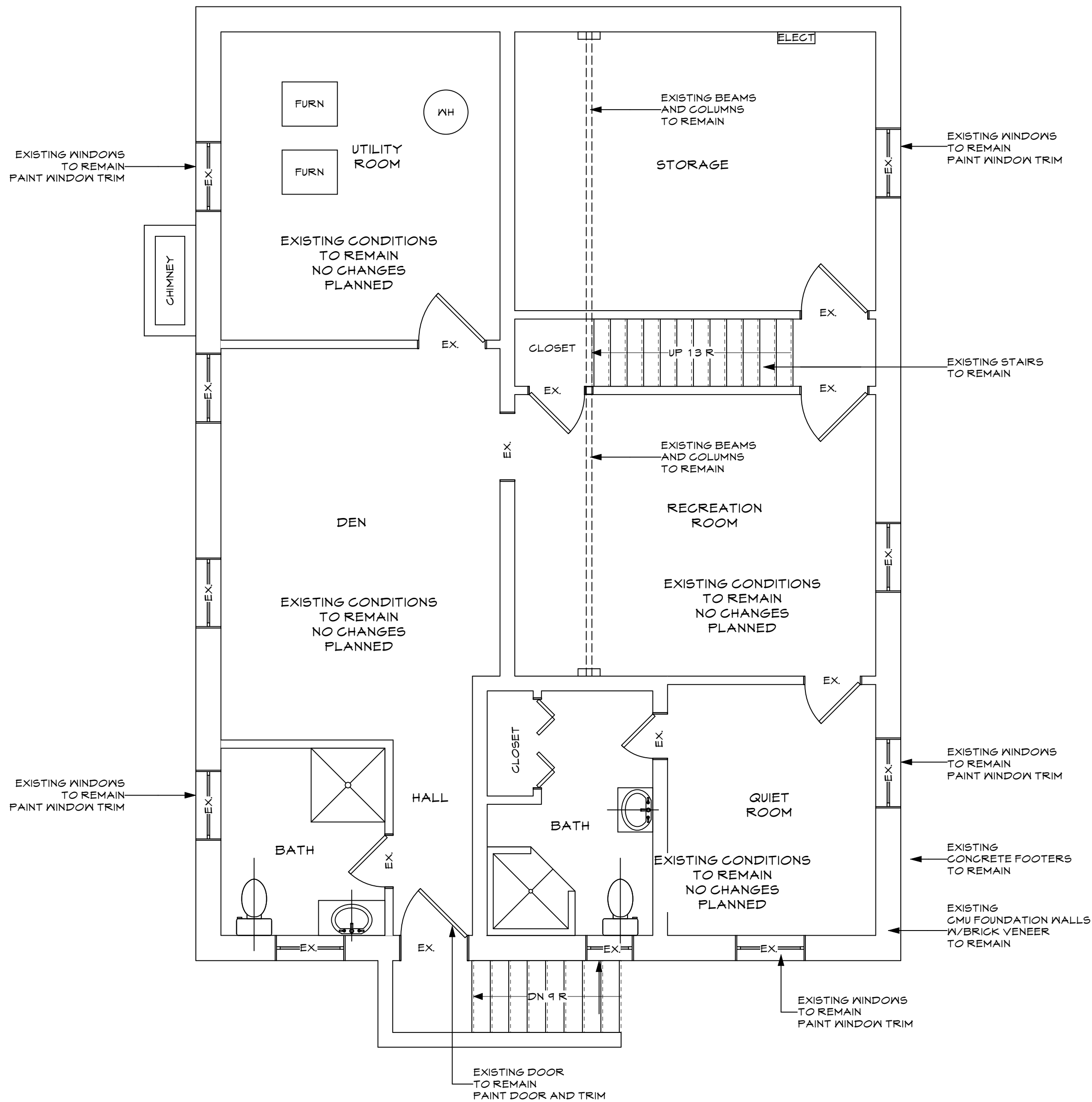
4-DEMO KITCHEN WINDOW TO INSTALL SMALLER WINDOW.

WINDOW SCHEDULE				
MARK	SIZE	ROUGH OPENING SIZE	TYPE	NOTES
FIRST FLOOR				
1	3236	31 3/4" X 35 3/4"	DOUBLE HUNG	WHITE VINYL
SECOND FLOOR				
2	2030	23 3/4" X 35 3/4"	CASEMENT	TEMPERED, WHITE VINYL
ATTIC FLOOR				
3	2648	29 3/4" X 41 3/4"	CASEMENT	TEMPERED, WHITE VINYL
4	2648	29 3/4" X 41 3/4"	CASEMENT	EGRESS, WHITE VINYL

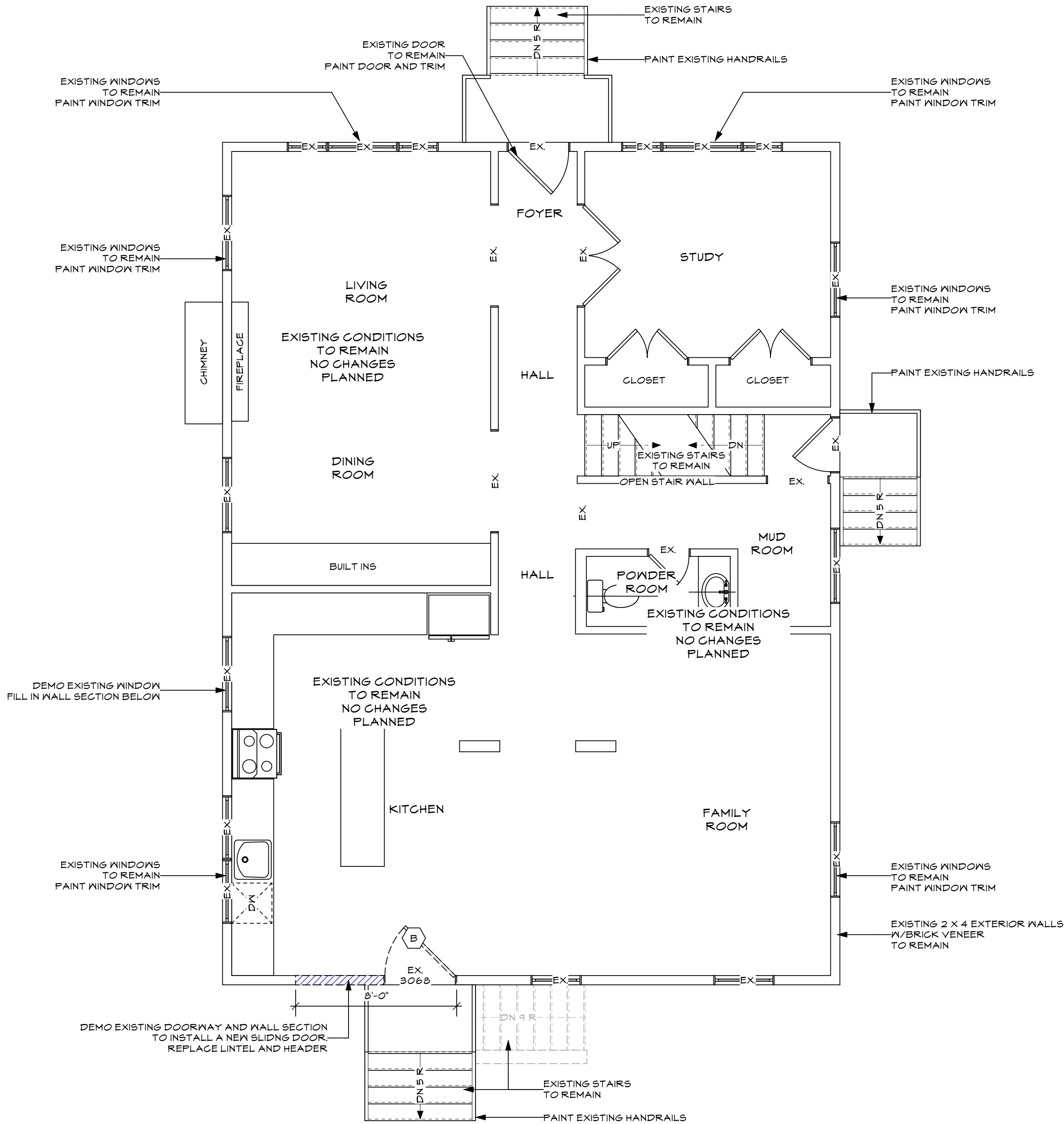
NOTES:
1. ALL GLAZING IN HAZARDOUS LOCATIONS AS DEFINED BY IBC 2406.3 SHALL BE SAFETY GLAZING AND BE LABELED PER IBC 2406.
2. MIN FENESTRATION U FACTOR FOR GLAZING-0.30

DOOR SCHEDULE							
MARK	TYPE	DOOR SIZE	DOOR		FRAME		REMARKS
			MATERIAL	FINISH	MAT.	FINISH	
A	BASEMENT	NOT USED		NOT USED			
B	FIRST FLOOR						
	EXT. SLIDING DOOR	8'-0" X 6'-8"	VINYL FRAME		VINYL FRAME	WHITE	
C	SECOND FLOOR						
	NOT USED		NOT USED				

NOTE: MIN U FACTOR FOR GLAZING WILL MEET 0.30 AND A SHGC VALUE OF 0.4 ALL DOORS TO HAVE A U FACTOR OF 0.30



1 Existing Basement Plan
Scale: 1/4" = 1'-0"



2 Existing First Floor Plan
Scale: 1/4" = 1'-0"

Description	Date
Tuma Residence 7427 Carroll Avenue Takoma Park, MD. 20912	
Date:	4/13/2026
Drawn By:	AALK LOML
Scale:	1/4"=1'-0"
Sheet Number:	A001
Existing Floor Plans	

MARK	SIZE	ROUGH OPENING SIZE	TYPE	NOTES
FIRST FLOOR				
1	3236	31 3/4" X 35 3/4"	DOUBLE HUNG	WHITE VINYL
SECOND FLOOR				
2	2030	23 3/4" X 35 3/4"	CASEMENT	TEMPERED, WHITE VINYL
ATTIC FLOOR				
3	2648	24 3/4" X 47 3/4"	CASEMENT	TEMPERED, WHITE VINYL
4	2648	24 3/4" X 47 3/4"	CASEMENT	EGRESS, WHITE VINYL

NOTES:
 1. ALL GLAZING IN HAZARDOUS LOCATIONS AS DEFINED BY IBC 2406.3 SHALL BE SAFETY GLAZING AND BE LABELED PER IBC 2406.3
 2. MIN. PENETRATION U FACTOR FOR GLAZING-0.30

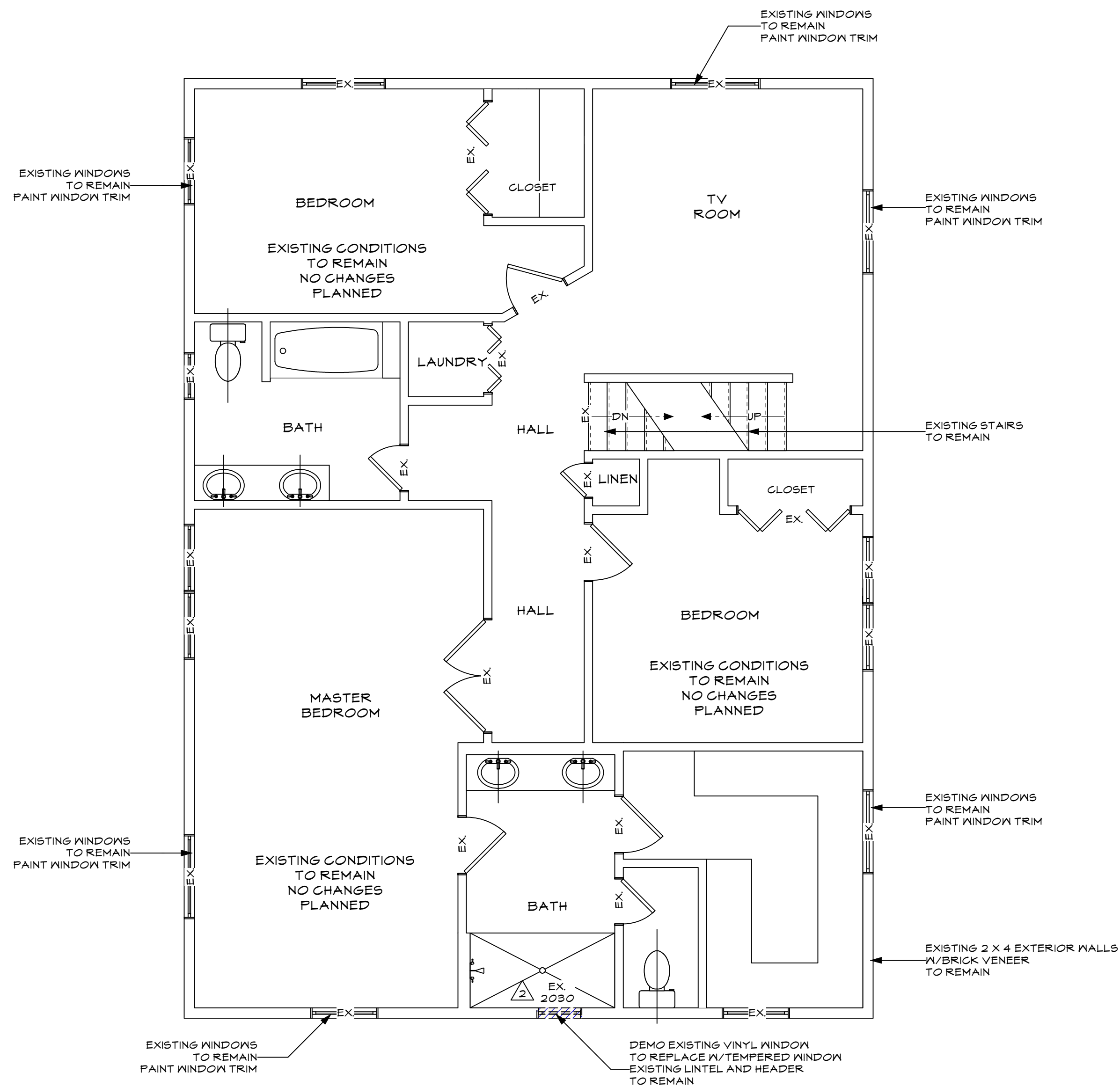
DOOR SCHEDULE							
MARK	TYPE	DOOR SIZE	DOOR		FRAME		REMARKS
			MATERIAL	FINISH	MAT.	FINISH	
A	BASEMENT						
	NOT USED			NOT USED			
B	FIRST FLOOR						
	EXT. SLIDING DOOR	8'-0" X 6'-8"	VINYL FRAME		VINYL FRAME		WHITE
C	SECOND FLOOR						
	NOT USED			NOT USED			

NOTE: MIN. U FACTOR FOR GLAZING WILL MEET 0.30 AND A SHGC VALUE OF 0.4 ALL DOORS TO HAVE A U FACTOR OF: 0.30

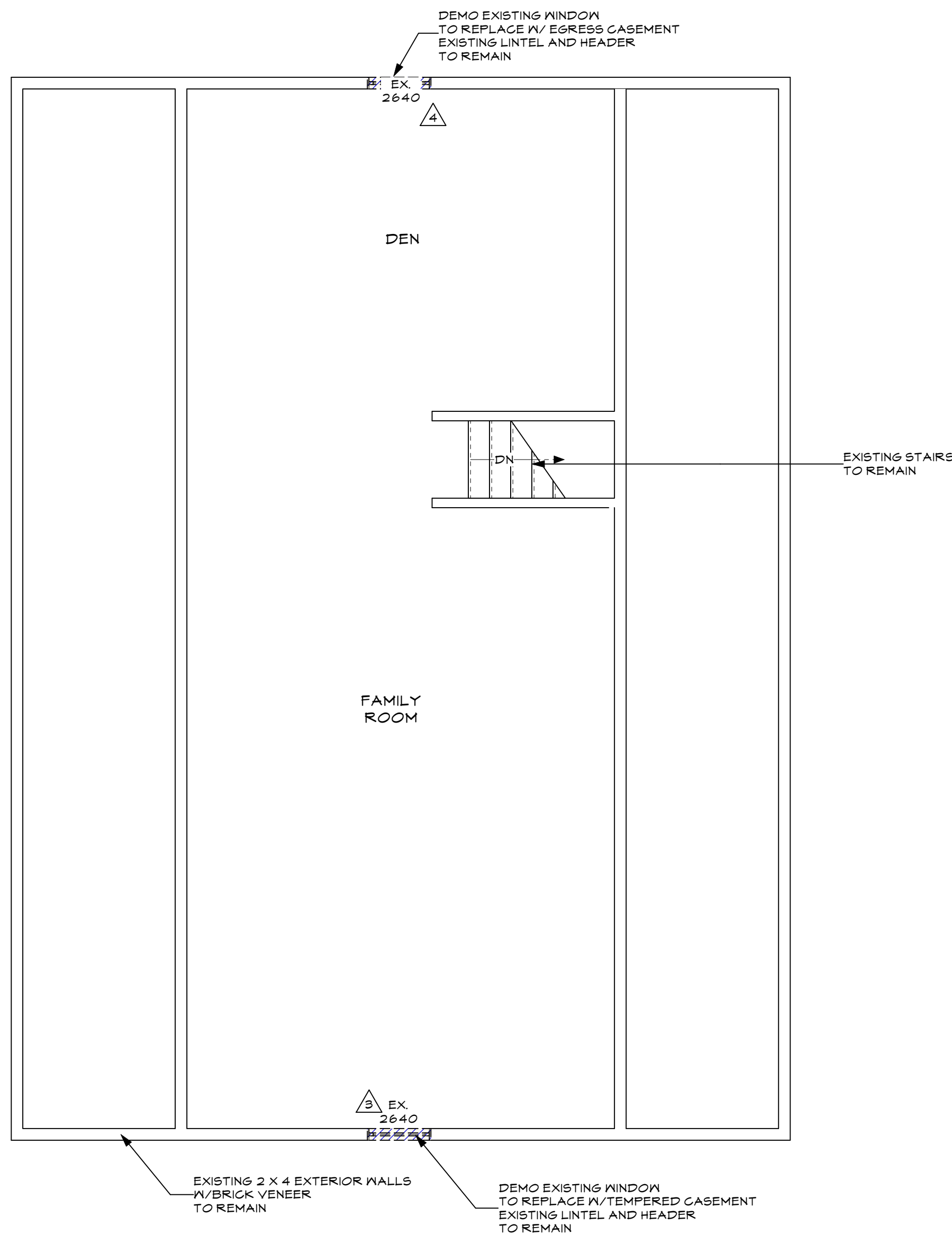
SCOPE OF WORK:
 1-DEMO WINDOWS AS SHOWN TO REPLACE.
 2-REPLACE KITCHEN DOOR HEADER AND LINTEL.
 INSTALL NEW LARGER DOOR.
 3-CONSTRUCT NEW WALLS AND BATH IN ATTIC.
 4-DEMO KITCHEN WINDOW TO INSTALL SMALLER
 WINDOW.

LEGEND

 EXISTING CONSTRUCTION TO REMAIN
 EXISTING CONSTRUCTION TO BE REMOVED
 NEW CONSTRUCTION



3 Existing Second Floor Plan



4 Existing Attic Plan

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

<u>Description</u>	<u>Date</u>
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Tuma Residence
7427 Carroll Avenue
Takoma Park, MD. 20912

Date: 4/13/2026

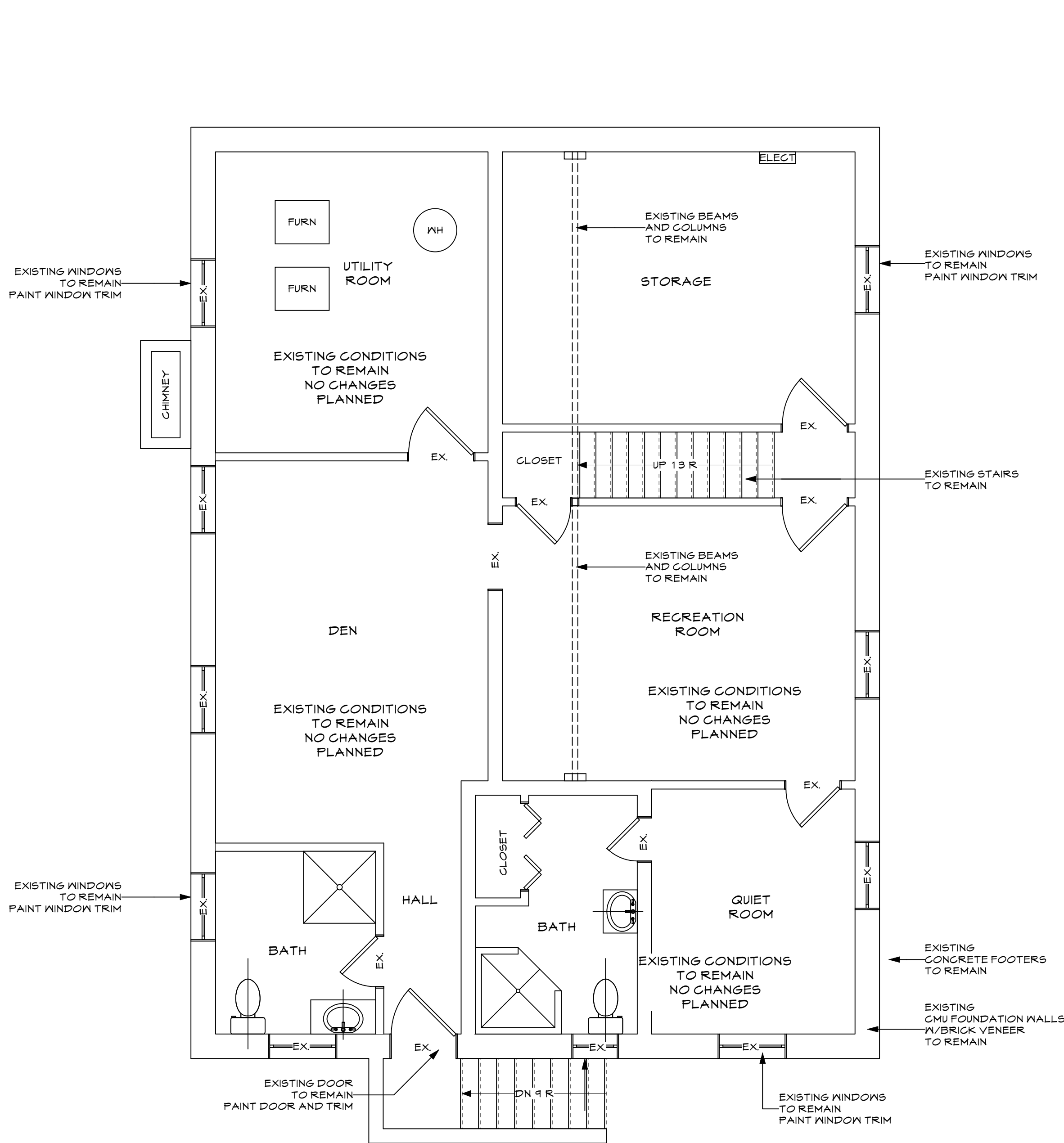
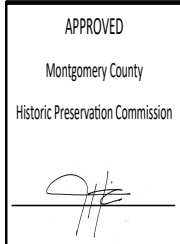
Drawn By: A&LK LOM

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

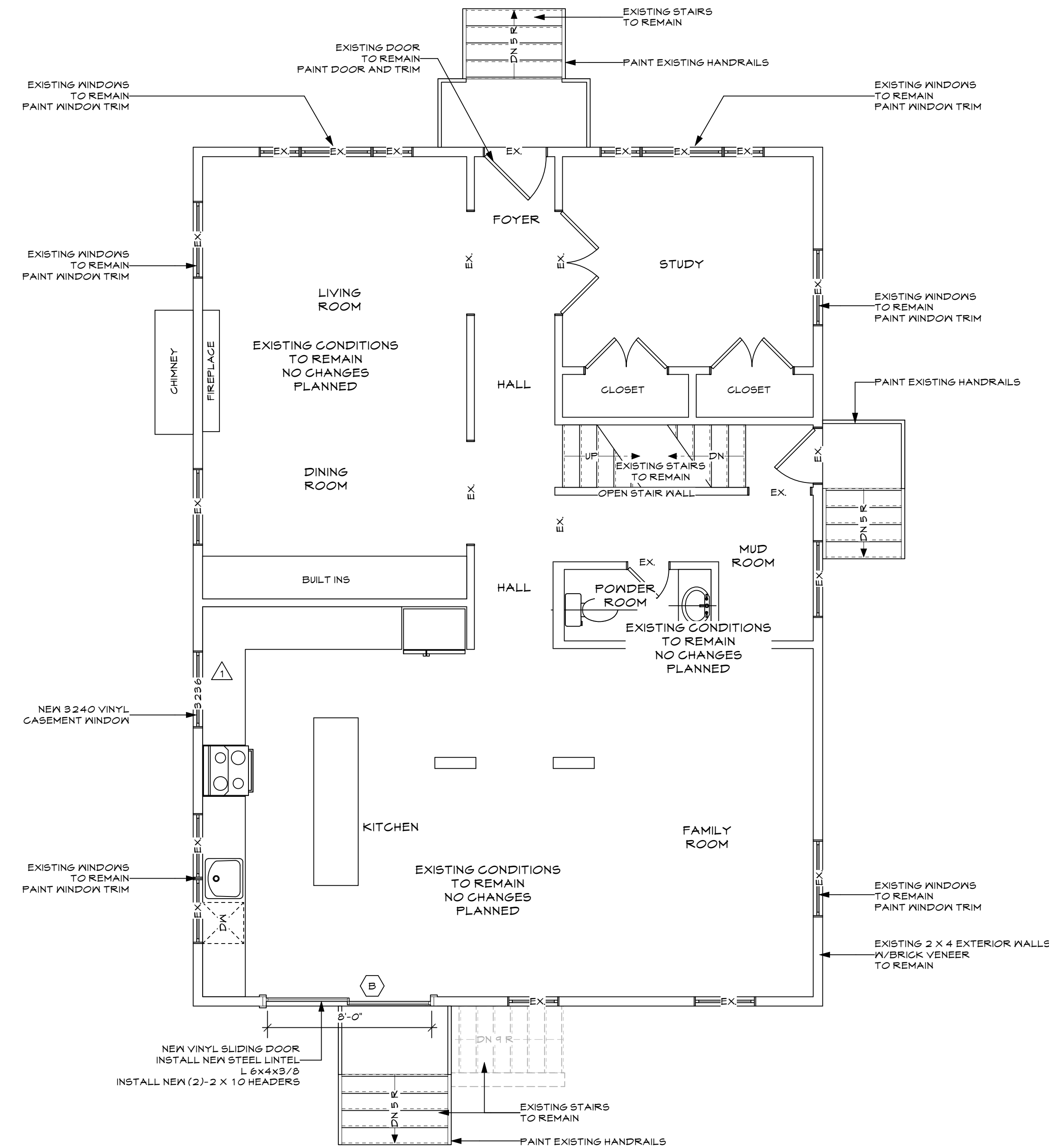
Sheet Number

A002

Existing Floor Plans



5 Proposed Basement Plan
Scale: 1/4" = 1'-0"



6 Proposed First Floor Plan
Scale: 1/4" = 1'-0"

LEGEND	
	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED
	NEW CONSTRUCTION

SCOPE OF WORK:
1-DEMO WINDOWS AS SHOWN TO REPLACE.
2-REPLACE KITCHEN DOOR HEADER AND LINTEL.
INSTALL NEW LARGER DOOR.
3-CONSTRUCT NEW WALLS AND BATH IN ATTIC.
4-DEMO KITCHEN WINDOW TO INSTALL SMALLER WINDOW.

WINDOW SCHEDULE				
MARK	SIZE	ROUGH OPENING SIZE	TYPE	NOTES
FIRST FLOOR				
1	3236	37 3/4" X 35 3/4"	DOUBLE HUNG	WHITE VINYL
SECOND FLOOR				
2	2090	23 3/4" X 35 3/4"	CASEMENT	TEMPERED, WHITE VINYL
ATTIC FLOOR				
3	2640	29 3/4" X 47 3/4"	CASEMENT	TEMPERED, WHITE VINYL
4	2640	29 3/4" X 47 3/4"	CASEMENT	EGRESS, WHITE VINYL

NOTES:
1. ALL GLAZING IN HAZARDOUS LOCATIONS AS DEFINED BY IBC 2406.3 SHALL BE SAFETY GLAZING AND BE LABELED PER IBC 2406.
2. MIN. PENETRATION U FACTOR FOR GLAZING: 0.30

DOOR SCHEDULE						
MARK	TYPE	DOOR SIZE	DOOR		FRAME	
			MATERIAL	FINISH	MAT.	FINISH
A	BASEMENT	NOT USED	NOT USED			
B	FIRST FLOOR	EXT. SLIDING DOOR	8'-0" X 6'-8"	VINYL FRAME	VINYL FRAME	WHITE
C	SECOND FLOOR	NOT USED	NOT USED			

NOTE: MIN. U FACTOR FOR GLAZING WILL MEET 0.30 AND A SHGC VALUE OF 0.4 ALL DOORS TO HAVE A U FACTOR OF 0.30

Description Date

Tuma Residence
7427 Carroll Avenue
Takoma Park, MD. 20912

Date: 4/13/2026

Drawn By: A&K LOML

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

Sheet Number:

A003

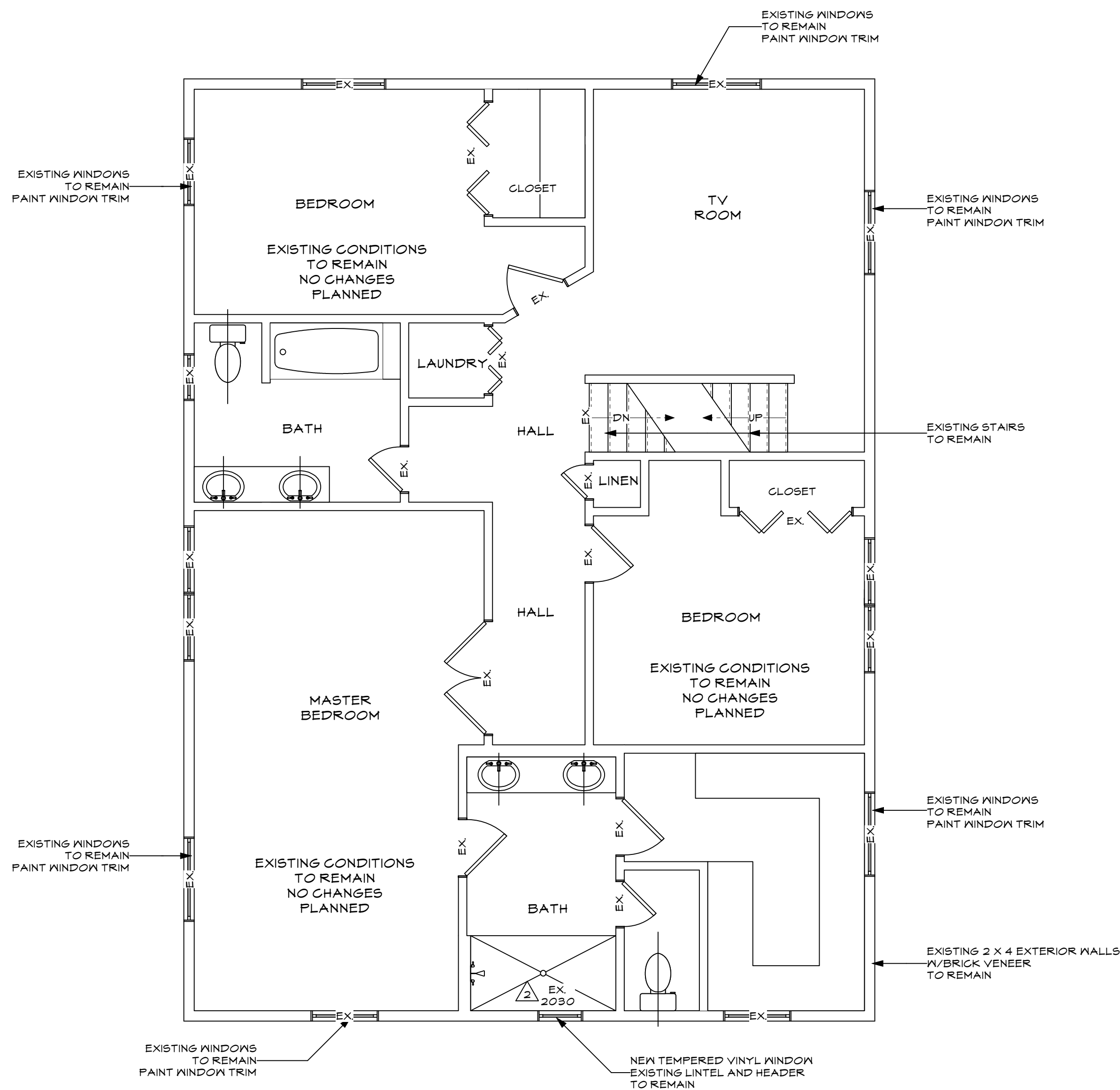
Proposed Floor Plans

MARK	SIZE	ROUGH OPENING SIZE	TYPE	NOTES
FIRST FLOOR				
1	3236	31 3/4" X 35 3/4"	DOUBLE HUNG	WHITE VINYL
SECOND FLOOR				
2	2030	23 3/4" X 35 3/4"	CASEMENT	TEMPERED, WHITE VINYL
ATTIC FLOOR				
3	2648	24 3/4" X 47 3/4"	CASEMENT	TEMPERED, WHITE VINYL
4	2640	24 3/4" X 47 3/4"	CASEMENT	EGRESS, WHITE VINYL

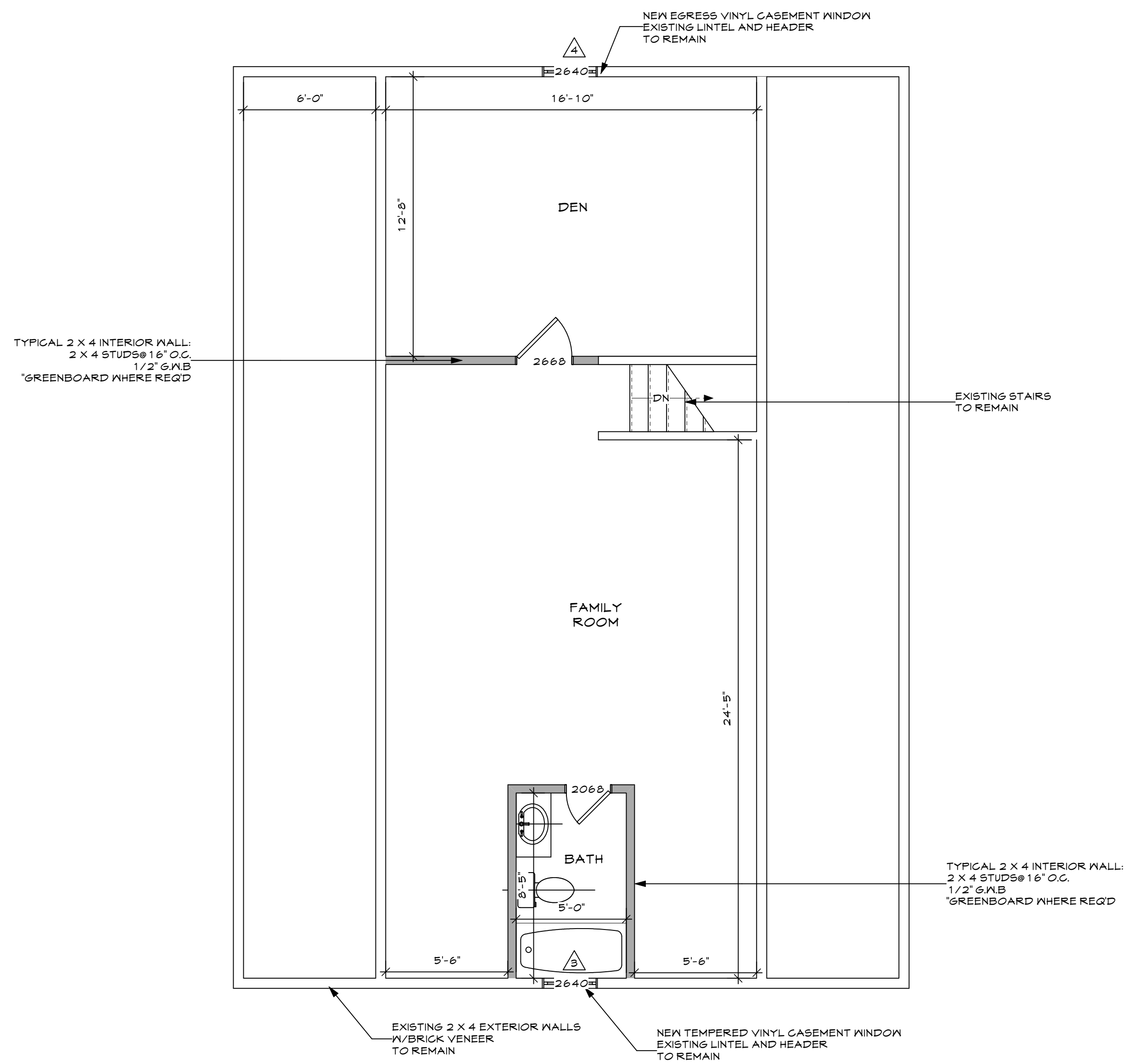
NOTES:
 1. ALL GLAZING IN HAZARDOUS LOCATIONS AS DEFINED BY IBC 2406.3 SHALL BE SAFETY GLAZING AND BE LABELED PER IBC 2406.3.
 2. MIN. PENETRATION U-FACTOR FOR GLAZING-0.30

DOOR SCHEDULE							
MARK	TYPE	DOOR SIZE	DOOR		FRAME		REMARKS
			MATERIAL	FINISH	MAT.	FINISH	
A	BASEMENT NOT USED		NOT USED				
B	FIRST FLOOR EXT. SLIDING DOOR	8'-0" X 6'-8"	VINYL FRAME		VINYL FRAME		WHITE
C	SECOND FLOOR NOT USED		NOT USED				

NOTE: MIN U FACTOR FOR GLAZING WILL MEET 0.30 AND A SHGC VALUE OF 0.4 ALL DOORS TO HAVE A U FACTOR OF 0.30



7 Proposed Second Floor Plan
Scale: 1/4" = 1'-0"

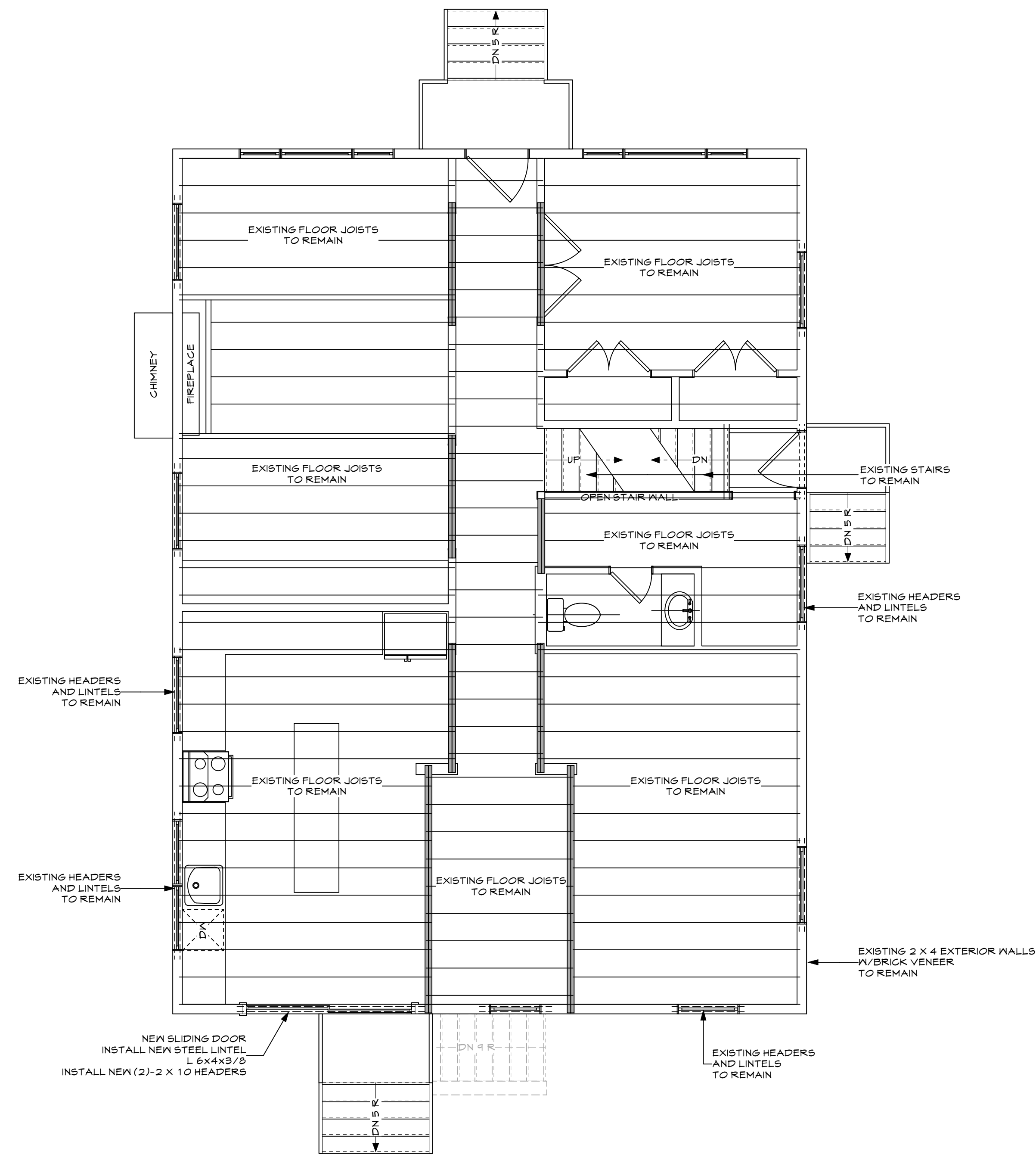


8 Proposed Attic Floor Plan

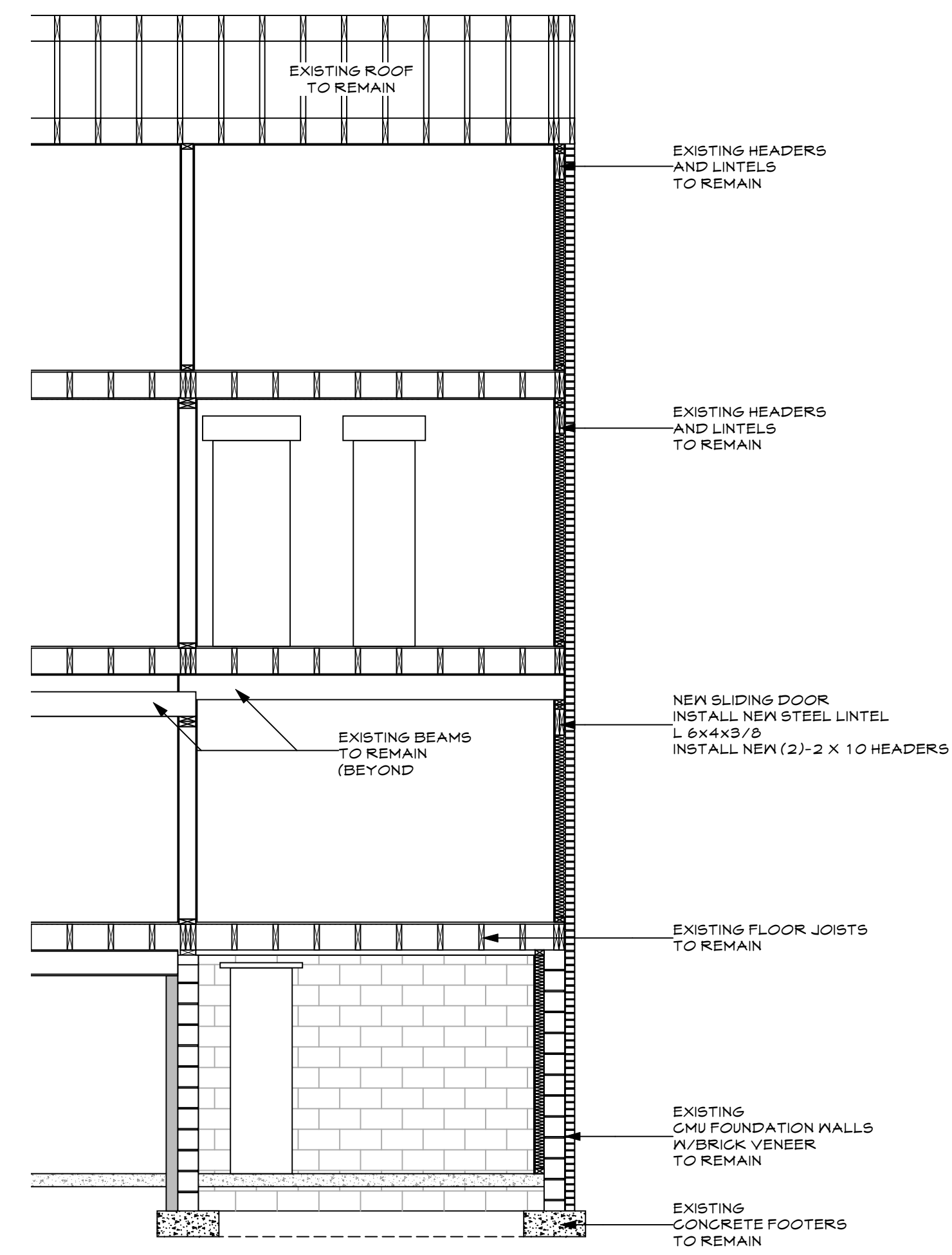
<u>Description</u>	<u>Date</u>
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Tuma Residence
7427 Carroll Avenue
Takoma Park, MD. 20912

Date:	4/13/2026
Drawn By:	A&LK LOML
Scale:	1/4" = 1'-0"
Sheet Number:	A004
Proposed Floor Plans	



9 2nd Floor Framing Plan
Scale: 1/4" = 1'-0"

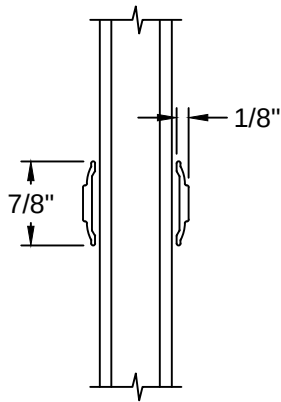


10 Section
Scale: 1/4" = 1'-0"

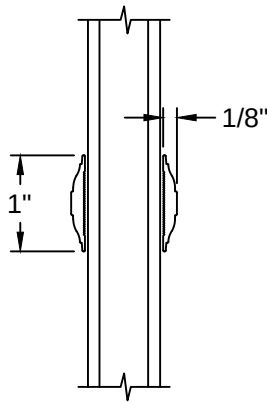
<u>Description</u>	<u>Date</u>
Tuma Residence 7427 Carroll Avenue Takoma Park, MD. 20912	
Date:	4/13/2026
Drawn By:	A4LK LOML
Scale:	1/4"= 1'-0"
Sheet Number:	A005
Floor Framing Plan and Section	

DIVIDED LITE OPTIONS

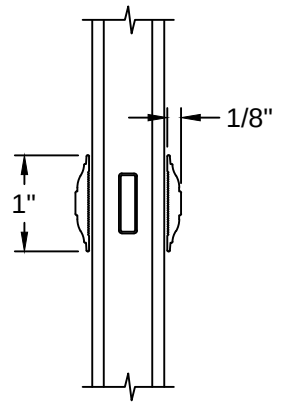
ALL WINDOWS AND DOORS



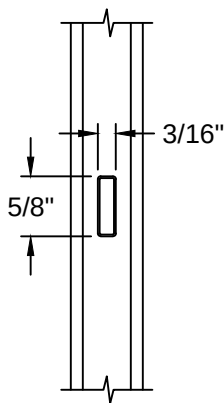
7/8" Low Profile
Contour SDL



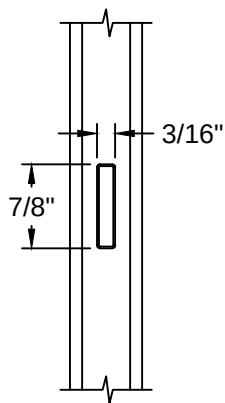
1" Raised Slim SDL



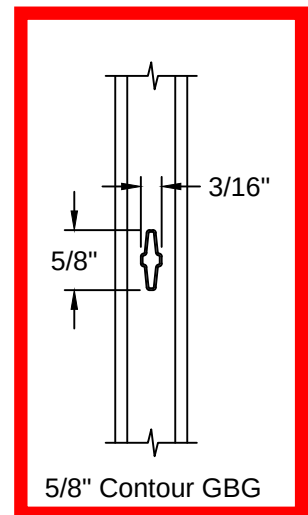
1" Raised Slim SDL
w/ Shadowbar



5/8" Flat GBG



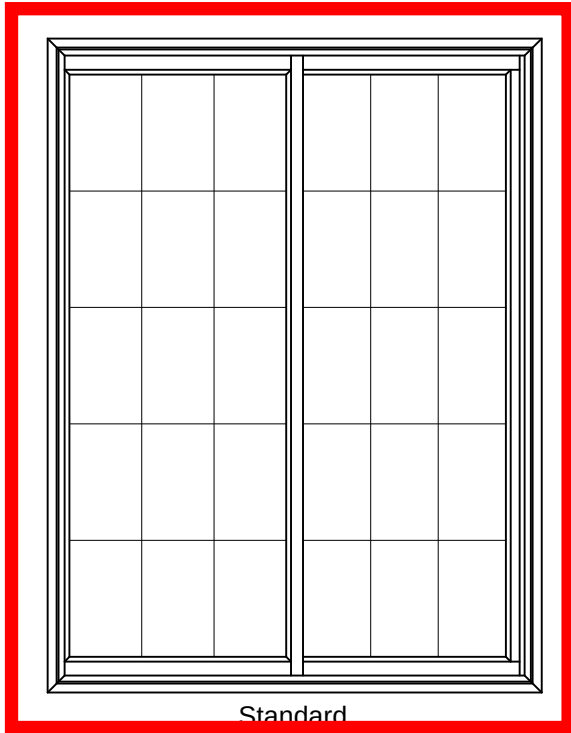
7/8" Flat GBG



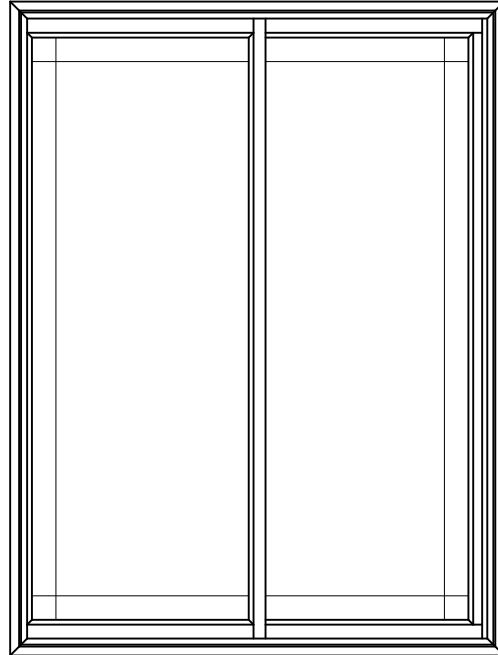
5/8" Contour GBG



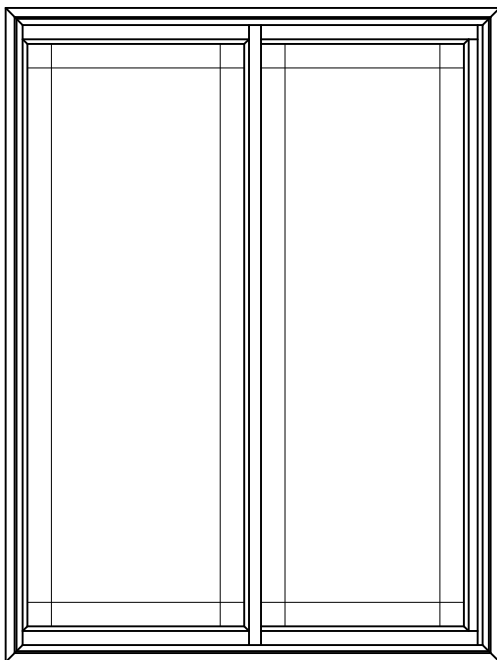
GRILLE PATTERNS



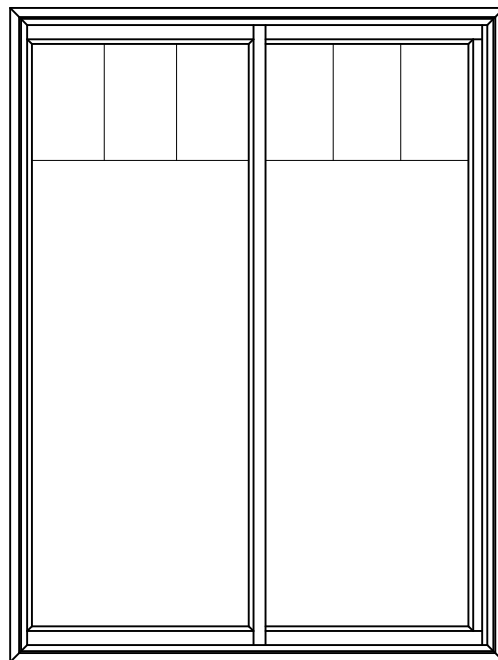
Standard



Prairie Frame

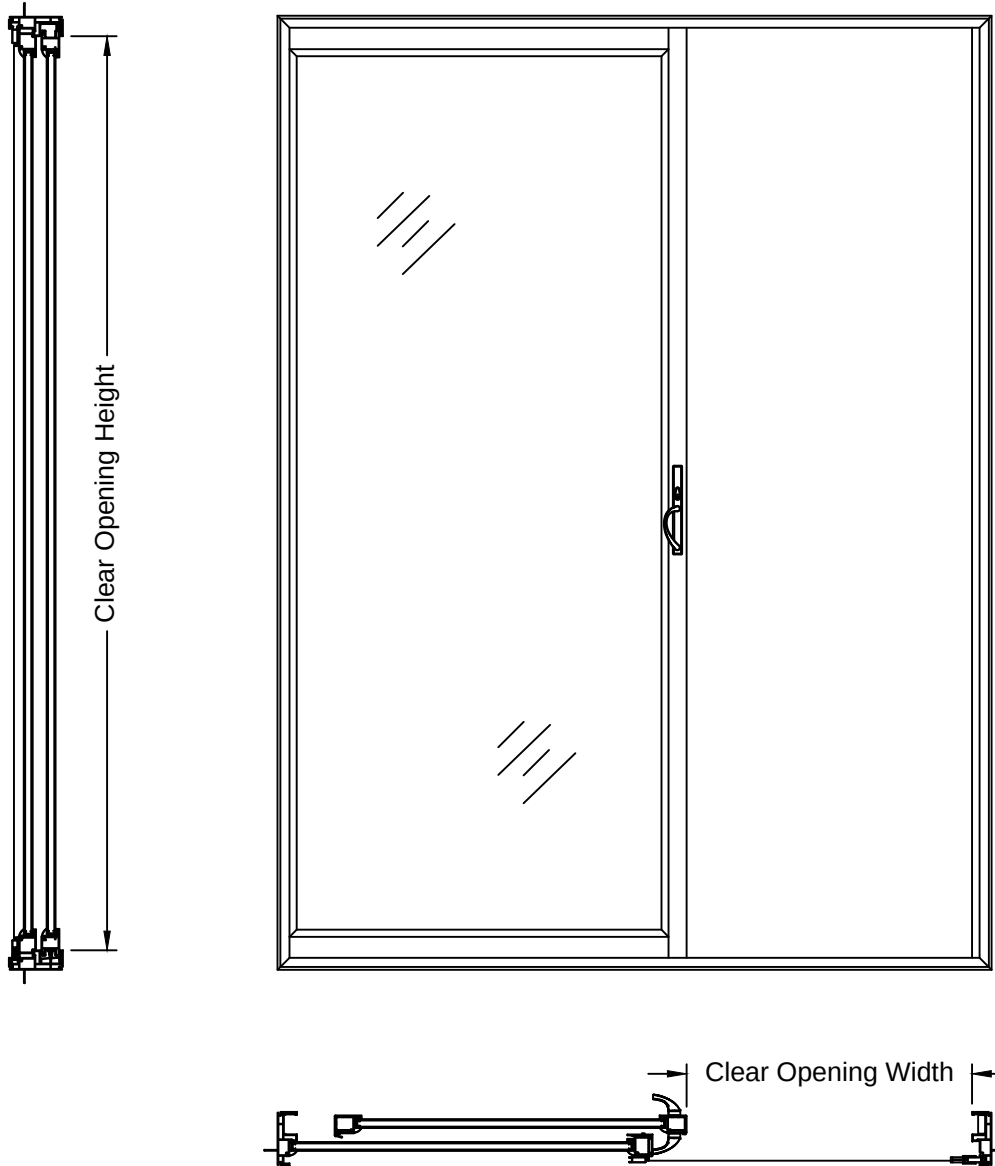


Prairie Glass



Colonial Top Down

CLEAR OPENING LAYOUT



CLEAR OPENING FORMULAS		
Door Type	Clear Opening Width	Clear Opening Height
2 Panel PG20/35	(Frame Width / 2) - 5 11/16"	Frame Height - 3 1/4"
2 Panel PG20/35 ADA	(Frame Width / 2) - 3 21/32"	Frame Height - 3 1/4"
2 Panel PG20/35 Painted or PG50	(Frame Width / 2) - 5 11/16"	Frame Height - 3 15/32"
2 Panel PG20/35 Painted ADA or PG50 ADA	(Frame Width / 2) - 3 21/32"	Frame Height - 3 15/32"
3 Panel	(Frame Width / 3) - 4 5/8"	Frame Height - 3 5/16"

Note: 32" Minimum Egress Requires An ADA Handle Set, Bumper Removed, And Interlock Stile Moved .5"