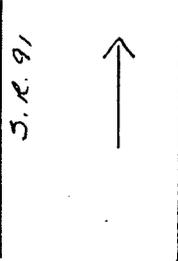


# OHIO HISTORIC INVENTORY

Ohio Historic Preservation Office  
Ohio Historical Center  
Columbus, Ohio 43211

1. No.		4. Present Name(s) Residence, Brian Strachan	
2. County Summit		5. Other Name(s) Brown-Strong House	
3. Location of Negatives HHA 37-37			
6. Specific Location 258 North Main Street		16. Thematic Category C	28. No. of Stories 2
7. City or Town If Rural, Township & Vicinity Hudson		17. Date(s) or Period 1834	29. Basement? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
3. Site Plan with North Arrow 		18. Style or Design Greek Revival	30. Foundation Material tooled sandstone
Coordinates Lat. _____ Long. _____ U.T.M. Reference 7 463046 4565732		19. Architect or Engineer	31. Wall Construction wood frame
10. Site <input type="checkbox"/> Structure <input type="checkbox"/> Building <input checked="" type="checkbox"/> Object <input type="checkbox"/>		20. Contractor or Builder	32. Roof Type & Material gable - asphalt shingle
11. National Yes <input checked="" type="checkbox"/> er? No <input type="checkbox"/>		21. Original Use, if apparent residence	33. No. of Bays Front 3 Side 2
13. Part of Estab. Yes <input checked="" type="checkbox"/> Hist. Dist.? No <input type="checkbox"/>		22. Present Use residence	34. Wall Treatment clapboard
5. Name of Established District Hudson Historic District		23. Ownership Public <input type="checkbox"/> Private <input checked="" type="checkbox"/>	35. Plan Shape rect
2. Further Description of Important Features Low gable roof with returns, modillions; lunette in front gable; symmetrical facade; full entablature with pilasters; 2/2 double hung windows; southeast corner porch added; two rear additions, the first in the 1880's, the second in the 1940's. Basement windows in the first addition are very old. Entry door is replacement, with the original surrounds; c. 1880 windows set in original frames; beaded corner boards and water table; center and corner posts visible in living room and dining room (over)		24. Owner's Name & Address, if known Brian Strachan 258 North Main St. Hudson 44236	36. Changes Addition <input checked="" type="checkbox"/> (Explain in #42) Altered <input checked="" type="checkbox"/> Moved <input type="checkbox"/>
3. History and Significance Erected by Owen Brown in 1834 for his son, Oliver H. Brown, a tanner, who later purchased John Brown's tannery on Hines Hill Road; sold in 1836 to Ephraim Strong.		25. Open to Public? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	37. Condition Interior good Exterior good
4. Description of Environment and Outbuildings 1913 garage. A barn from 95 South Main Street, slated to be razed by the Village, was disassembled and moved here, will later serve as garage. Residential area, close to downtown commercial area; heavy traffic.		26. Local Contact Person or Organization Hudson Heritage Association	38. Preservation Underway? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
8. Sources of Information Summit County Tax Assessment records Archives, Hudson Heritage Association Personal inspection		27. Other Surveys in Which Included	39. Endangered? By What? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> *see below
			40. Visible from Public Road? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			41. Distance from and Frontage on Road 20' 71'
			Photo
		46. Prepared by L Newkirk, F. Barlow	
		47. Organization HHA	
		48. Date	49. Revision Date(s) 5/88

OHIO HISTORIC PRESERVATION OFFICE

# Residential Renovation for: Jeff & Kari Forsyth

## Situated in the State of Ohio, City of Hudson

### GENERAL NOTES:

**CONTRACTORS:**  
EACH CONTRACTOR IS TO FAMILIARIZE THEMSELVES WITH CONDITIONS AT THE JOB SITE PRIOR TO THE START OF THEIR WORK. DO NOT SCALE DRAWINGS. USE PLAN DIMENSIONS. IF DISCREPANCIES WITH DRAWINGS ARE DISCOVERED AT ANY TIME BEFORE OR DURING CONSTRUCTION NOTIFY PROJECT DESIGNER OR CONTRACTOR IMMEDIATELY BEFORE PROCEEDING. MAINTAIN ONE (1) COMPLETE SET OF APPROVED CONSTRUCTION DRAWINGS ON THE JOB SITE AT ALL TIMES. ALL WORK TO BE PERFORMED IN A GOOD WORKMANLIKE MANNER, IN ACCORDANCE WITH APPLICABLE CURRENT NATIONAL, STATE AND LOCAL CODES, ORDINANCES AND AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT. CONTRACTORS ARE RESPONSIBLE FOR LOCAL CODE INTERPRETATIONS FOR THEIR TRADE. ALL PRODUCTS AND MATERIALS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE ALL UTILITIES PRIOR TO CONSTRUCTION. DEVIATION FROM THE CONSTRUCTION DOCUMENTS MUST FIRST BE APPROVED BY CONTRACTOR, AND AUTHORIZED THROUGH WRITTEN CHANGE ORDER FORM SUBMITTED BY THE CONTRACTOR. EACH CONTRACTOR IS RESPONSIBLE FOR DAILY CLEAN-UP AND REMOVAL OF DEBRIS FROM THE JOB SITE. ALL CONTRACTORS WILL GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR THE PERIOD OF ONE (1) YEAR. IT IS UNDERSTOOD THAT THESE DRAWINGS ARE GENERIC WITH RESPECT TO CONSTRUCTION DETAILING, STRUCTURAL DETAILING AND FINISH DETAILING. THE OWNER AND CONTRACTOR ACCEPTS ALL RESULTING DETAILS AND AESTHETICS, SPECIFIED OR UNSPECIFIED, AND UNDER NO CIRCUMSTANCES SHALL THE DESIGNER BE HELD RESPONSIBLE.

**TRUSSES:**  
ALL TRUSSES ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER WITH DETAILED DRAWINGS DESCRIBING TRUSS LAYOUTS AND LOAD CALCULATIONS USED TO DESIGN THE TRUSSES. IT IS THE BUILDER AND/OR OWNER'S RESPONSIBILITY TO SUPPLY ANY/OR ALL OF THIS INFORMATION IF REQUESTED BY THE BUILDING DEPARTMENT TO ISSUE BUILDING PERMITS. IT IS ALSO THE RESPONSIBILITY OF THE TRUSS MANUFACTURER TO VERIFY, AND IF NECESSARY, ADJUST THE SIZE OF OR ADD ANY BEAM OR HEADER THAT IS DIRECTLY EFFECTED OR REQUIRED TO CARRY THE ROOF LOADS. IN THIS EVENT, THE TRUSS MANUFACTURER SHALL CONTACT FIDEI ARCHITECTURE IN ORDER TO UPDATE THE DRAWINGS.

**SOIL BEARING:**  
FOUNDATIONS SHOWN ON THESE DRAWINGS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 1,500 PSF. WALLS ARE DESIGNED FOR AN EQUIVALENT FLUID PRESSURE OF 55PCF. IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO DETERMINE THAT THE SOIL IS ADEQUATE TO SUPPORT THIS BUILDING ON THE FOUNDATION AND THE WALLS SHOWN AND ALSO, DETERMINING THAT THE TOTAL AND DIFFERENTIAL SETTLEMENTS OF THE FOUNDATIONS ARE WITHIN THE TOLERABLE LIMITS OF THIS STRUCTURE AND THAT 55PCF IS THE CORRECT WALL LOADINGS. THE BUILDER AND/OR OWNER IS ENCOURAGED TO OBTAIN THE SERVICES OF A SOILS ENGINEERING FIRM TO DETERMINE THE SUITABILITY OF THE FOUNDATIONS AND THE WALLS SHOWN ON THESE DRAWINGS TO SAFELY SUPPORT THE STRUCTURE WITH NO DETRIMENTAL EFFECT TO THE BUILDING.

**RADON:**  
IT IS THE RESPONSIBILITY OF THE BUILDER TO INFORM THE OWNER OR IF THE OWNER IS ACTING AS HIS OR HER OWN CONTRACTOR TO KNOW THAT ALL HOUSES HAVE A POTENTIAL TO HAVE RADON LEVELS WHICH MAY EXCEED THE RECOMMENDED LEVELS ESTABLISHED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY. THE BUILDER AND/OR OWNER SHALL DECIDE WHAT ACTION, IF ANY, SHOULD BE TAKEN CONCERNING RADON. IT IS THE RESPONSIBILITY OF FIDEI ARCHITECTURE TO DETERMINE IF A RADON ABATEMENT SYSTEM IS REQUIRED.

**ATTICS:**  
ALL ENCLOSED ATTICS AND RAFTER SPACES SHALL HAVE CROSS VENTILATION WITH THE NET FREE VENTILATION AREA NOT LESS THAN 1/300 OF THE AREA TO BE VENTILATED. ALL OPENINGS SHALL BE PROTECTED AGAINST THE ENTRANCE OF THE SNOW AND RAIN.

**MECHANICALS:**  
ALL PLUMBING, ELECTRICAL, HEATING AND COOLING SYSTEMS SHALL COMPLY WITH ALL ORDINANCES SET FORTH BY THE LOCAL GOVERNING BUILDINGS AND ZONING DEPARTMENTS. PLUMBING SHALL ALSO COMPLY WITH THE OHIO PLUMBING CODE. ELECTRICAL SHALL ALSO COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE OHIO BASIC BUILDING CODE.

**FIRE STOPPING:**  
SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS: CONCEALED SPACES OF STUD WALLS AND PARTITIONS A THE CEILING AND FLOOR, OR ROOF LEVELS. AT ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES SUCH AS OCCURS AT SOFFITS OVER CABINETS, DROP CEILINGS, ETC. ALSO AROUND VENTS, PIPES, AND CHIMNEYS AT CEILING AND FLOOR LEVELS WITH NON COMBUSTIBLE MATERIALS.

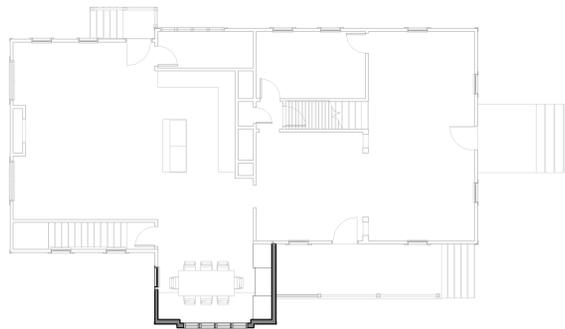
**INSULATION:**  
INSULATION SHALL BE INSTALLED AND ALSO COMPLY WITH ALL MINIMUM ORDINANCES SET FORTH BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. REFER TO THE TYPICAL WALL SECTION FOR R-VALUES AND LOCATIONS.

### ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR	F.R.P.	FIBERGLASS REINFORCED PLASTIC	P-LAM	PLASTIC LAMINATE
ADJ	ADJUSTABLE	FRM'G	FRAMING	POLY	POLY URETHANE
BD	BOARD	G.C.	GENERAL CONTRACTOR	PTD	PAINTED
BLK'G	BLOCKING	GYP	GYP'SUM	RAD	RADIUS
BR'G	BEARING	HDWD	HARDWOOD	R.A.	RETURN AIR
B.Z.A.	BOARD OF ZONING APPEALS	HDWR	HARDWARE	S.A.	SUPPLY AIR
CLG	CEILING	H.D.P.E.	HIGH DENSITY POLYETHYLENE	STL	STEEL
DEG	DEGREE(S)	INSUL	INSULATION	SUSP'D	SUSPENDED
DIA	DIAMETER	MAX	MAXIMUM	TYP	TYPICAL
DRWG	DRAWING	MECH	MECHANICAL	T.O.	TOP OF
EA	EACH	MIN	MINIMUM	T.O.S.	TOP OF SLAB
EQUIP	EQUIPMENT	MTL	METAL	T.O.W.	TOP OF WALL
EX'G	EXISTING	O.C.	ON CENTER	VERT	VERTICAL
FIN	FINISH	P.A.	PUBLIC ADDRESS	w/	WITH
FG	FIBERGLASS	PLYWD	PLYWOOD	WD.	WOOD

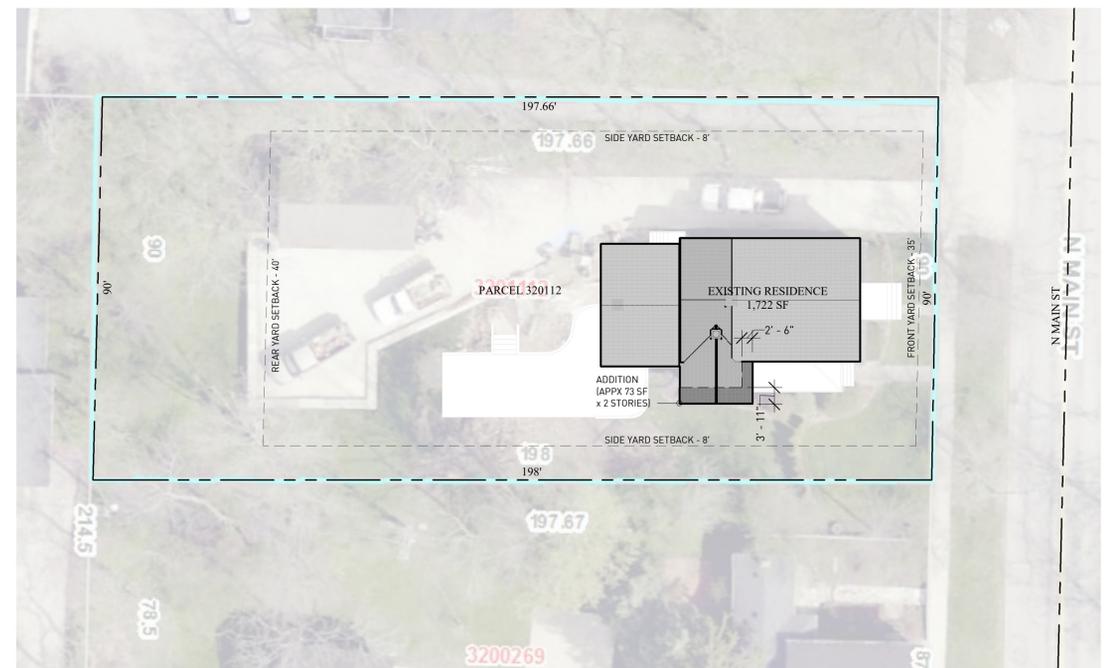
### LEGEND & SYMBOLS KEY

	GRAVEL FILL		ELEVATION DATUM
	EARTH		GROUND LEVEL + 0'-0" A.F.F.
	GROUT OR STUCCO		ROOM NAME
	COUNTER TOP / DESK TOP		ROOM NUMBER
	DIMENSION LUMBER		DOOR WIDTH
	RIGID INSULATION		DOOR HEIGHT
	BATT INSULATION		WINDOW NUMBER
	MASONRY OR STONE		PARTITION TYPE
	CONCRETE MASONRY UNIT (C.M.U.)		EXTERIOR ELEVATION
	BRICK MASONRY UNIT		DETAIL SECTION
	PROPERTY LINE		BUILDING SECTION
	CENTER LINE		
	RIDGE LINE		



MAIN LEVEL KEY PLAN

S.F. AREA TABULATION		
AREA OF ADDITION	SQ. FT.	
MAIN LEVEL LIVABLE:	75 s.f.	LIVABLE
SECOND LEVEL LIVABLE:	75 s.f.	
<b>TOTAL ADITION:</b>	<b>150 s.f.</b>	
GARAGE:	0 s.f.	NON LIV.
PATIO(S) & PORCHES:	0 s.f.	
<b>LIVABLE AREA:</b> CALCULATIONS ARE CALCULATED FROM THE OUTSIDE FACE OF EXTERIOR WALLS, STAIRWELLS AND FIREPLACE AREAS ARE INCLUDED.		
<b>NON-LIVABLE AREA:</b> GARAGES, VERANDA, DECKS, PATIOS, AND EXTERIOR PORCH AREAS		



SITE PLAN

APPLICATION INFORMATION					
PROJECT LOCATION:	HUDSON, OHIO 44236				
TYPE OF IMPROVEMENT:	NEW BUILD	ADDITION	ALTERATION	CHANGE OF USE	OTHER
TYPE OF USE:	SINGLE FAMILY	DUPLEX	MULTI-FAMILY	# UNITS	COMMERCIAL
	INDUSTRIAL	DECK	POOL	GARAGE	SHED
USE GROUP:	A-1 A-2 A-3 A-4 A-5 B E F-1 F-2 H-1 H-2 H-3 H-4 H-5				
	I-1 I-2 I-3 I-4 M R-1 R-2 R-3 R-4 S-1 S-2 U				
TYPE OF CONSTRUCTION:	I-A I-B II-A II-B III-A III-B IV V-A V-B				
PROJECT OWNER:	JEFF & KARI FORSYTH ADDRESS: 258 N MAIN ST - HUDSON, OH 44236 EMAIL: jeff.forsyth@kpsglobal.com				
PROJECT CONTRACTOR:	ALAIR HOMES ADDRESS: 10 WEST STREETSBORO ST., SUITE 201 HUDSON, OH 44236 EMAIL: david.nystrom@alairhomes.com				
PROJECT DESIGNER:	fidei architecture ADDRESS: 2850B W MARKET ST FAIRLAWN, OH 44333 EMAIL: mbenedict@fideiarch.com				

### DRAWING INDEX

#### SHEET No. DESCRIPTION

t1.0	TITLE SHEET
a1.1	ELEVATIONS
a1.2	ELEVATIONS
a2.3	MAIN LEVEL AND FOUNDATION PLAN
a2.5	SECOND LEVEL AND ROOF PLAN
a3.1	SECTIONS

PROJECT DESIGNER:  
PHONE: (330) 267-3152  
2850B WEST MARKET ST  
FAIRLAWN, OHIO 44333  
mbenedict@fideiarch.com

fidei  
architecture

fidei

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PROJECT CONTRACTOR:

ALAIR  
CUSTOMER SERVICE / RENOVATIONS  
COMMERCIAL  
440-893-9600  
10 WEST STREETSBORO ST., SUITE 201  
HUDSON, OH 44236  
ALAIR@ALAIRHOMES.COM

PROJECT LOCATION:

258 N Main St  
Hudson, OH  
44236

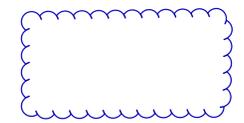
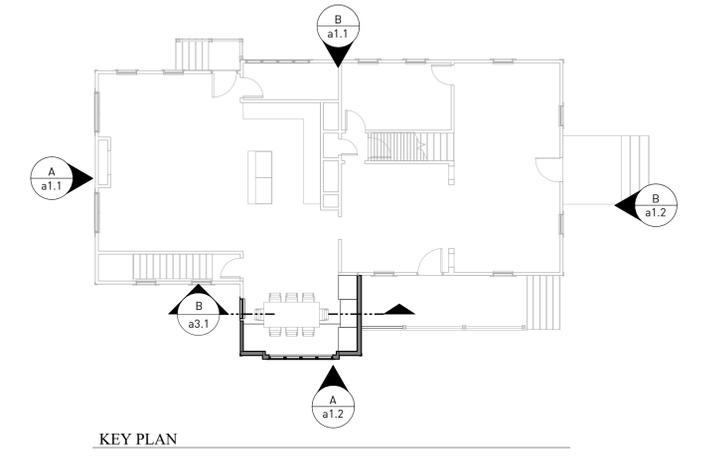
Residential Renovation for:  
**ALAIR HOMES - THE FORSYTHS**

PRINT RECORD:  
No. Description Date  
1 CO REV 10/22/2020  
2 ARS REV 04/07/2021

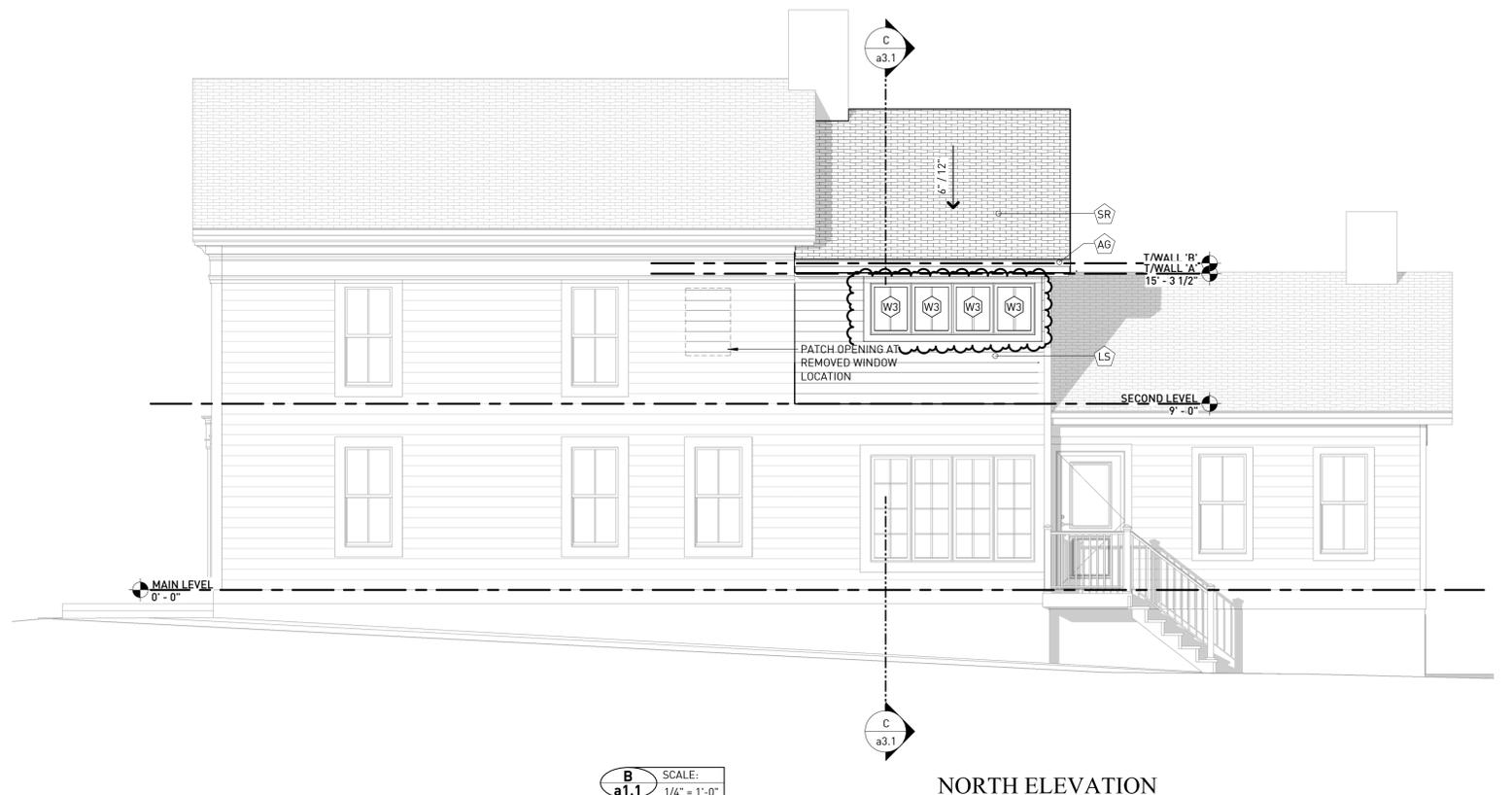
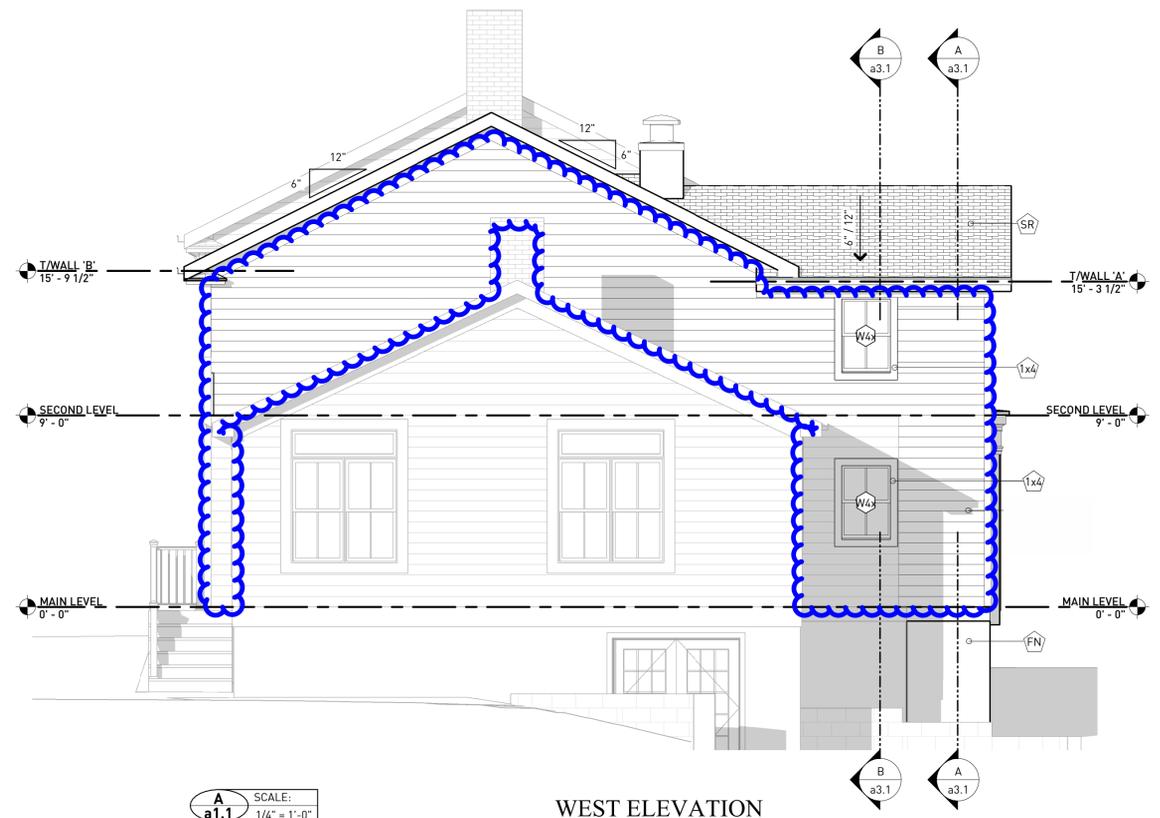
JOB No.  
TITLE SHEET

RELEASED FOR CONSTRUCTION  
 NOT RELEASED FOR CONSTRUCTION

t1.0



Allura smooth fiber cement siding



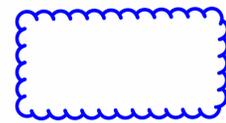
WINDOW SCHEDULE									
TYPE	TYPE	NOM. HEIGHT	NOM. WIDTH	LEVEL	SILL HT.	HEAD HT.	HEADER	TEMP. GLASS	COMMENTS
W1	CASEMENT	5'-0"	2'-0"	MAIN LEVEL	1'-8"	6'-8"	H-1		MULLED w/ OTHER 'W1's
W1	CASEMENT	5'-0"	2'-0"	MAIN LEVEL	1'-8"	6'-8"	H-1		MULLED w/ OTHER 'W1's
W1	CASEMENT	5'-0"	2'-0"	MAIN LEVEL	1'-8"	6'-8"	H-1		MULLED w/ OTHER 'W1's
W1	CASEMENT	5'-0"	2'-0"	MAIN LEVEL	1'-8"	6'-8"	H-1		MULLED w/ OTHER 'W1's
W2	CASEMENT	1'-8"	4'-0"	MAIN LEVEL	0'-0"	1'-8"	H-1	YES	MULLED w/ OTHER 'W2'
W2	CASEMENT	1'-8"	4'-0"	MAIN LEVEL	0'-0"	1'-8"	H-1	YES	MULLED w/ OTHER 'W2'
W3	CASEMENT	2'-6"	2'-0"	SECOND LEVEL	3'-2"	5'-8"	H-1		MULLED w/ [3] OTHER 'W3's
W3	CASEMENT	2'-6"	2'-0"	SECOND LEVEL	3'-2"	5'-8"	H-1		MULLED w/ [3] OTHER 'W3's
W3	CASEMENT	2'-6"	2'-0"	SECOND LEVEL	3'-2"	5'-8"	H-1		MULLED w/ [3] OTHER 'W3's
W3	CASEMENT	2'-6"	2'-0"	SECOND LEVEL	3'-2"	5'-8"	H-1		MULLED w/ [3] OTHER 'W3's
W4x	DOUBLE HUNG	3'-7"	2'-6"	MAIN LEVEL	3'-2"	6'-9"	H-3		RELOCATED FROM EX'G DINING ROOM
W4x	DOUBLE HUNG	3'-7"	2'-6"	SECOND LEVEL	2'-0"	5'-7"	H-2		RELOCATED FROM EX'G DINING ROOM
W5	DOUBLE HUNG	4'-9"	2'-6"	SECOND LEVEL	0'-10"	5'-7"	H-2	YES	

**ELEVATION NOTES**

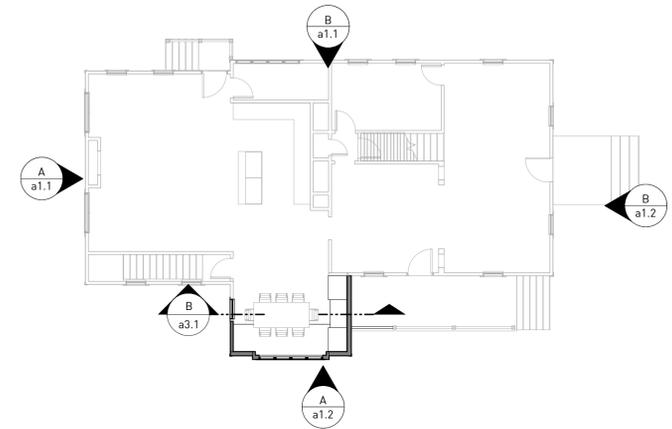
- 1 STUCCO SHALL BE INSTALLED WITH MINIMUM .019" (No.26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP CREED WITH MINIMUM BELOW THE FOUNDATION PLATE LINE ON THE EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4" ABOVE VERTICAL ATTACHMENT FLANGE OF 3-1/2" PROVIDED AT OR THE EARTH OR 2" ABOVE PAVED AREAS AND SHALL BE OF THE TYPE THAT WILL BE ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.
- 2 ELEVATIONS SHOWN GRAPHICALLY INDICATE BASEMENT FOUNDATION CONDITIONS.
- 3 ALL ROOF SADDLES TO BE PLYWOOD SHEATHED W/ BUILDING PAPER AND SHINGLES.
- 4 CONTINUOUS RIDGE VENTS TO BE BAFFLED TO PREVENT BACK FLOW
- 5 ALL EXTERIOR WOOD TO BE PRIMED BEFORE INSTALLATION
- 6 ALL WINDOW GRILLS TO MATCH ELEVATIONS
- 7 CONTRACTOR TO PROVIDE PROPER FLASHING AT ALL EXTERIOR DOORS & WINDOWS
- 8 PROVIDE ROOF SADDLE TO DRAIN AWAY FROM BACK SIDE OF CHIMNEY - PROVIDE ALL PROPER FLASHING
- 9 DENOTES GLAZING TO BE TEMPERED

**EXTERIOR FINISH LEGEND**

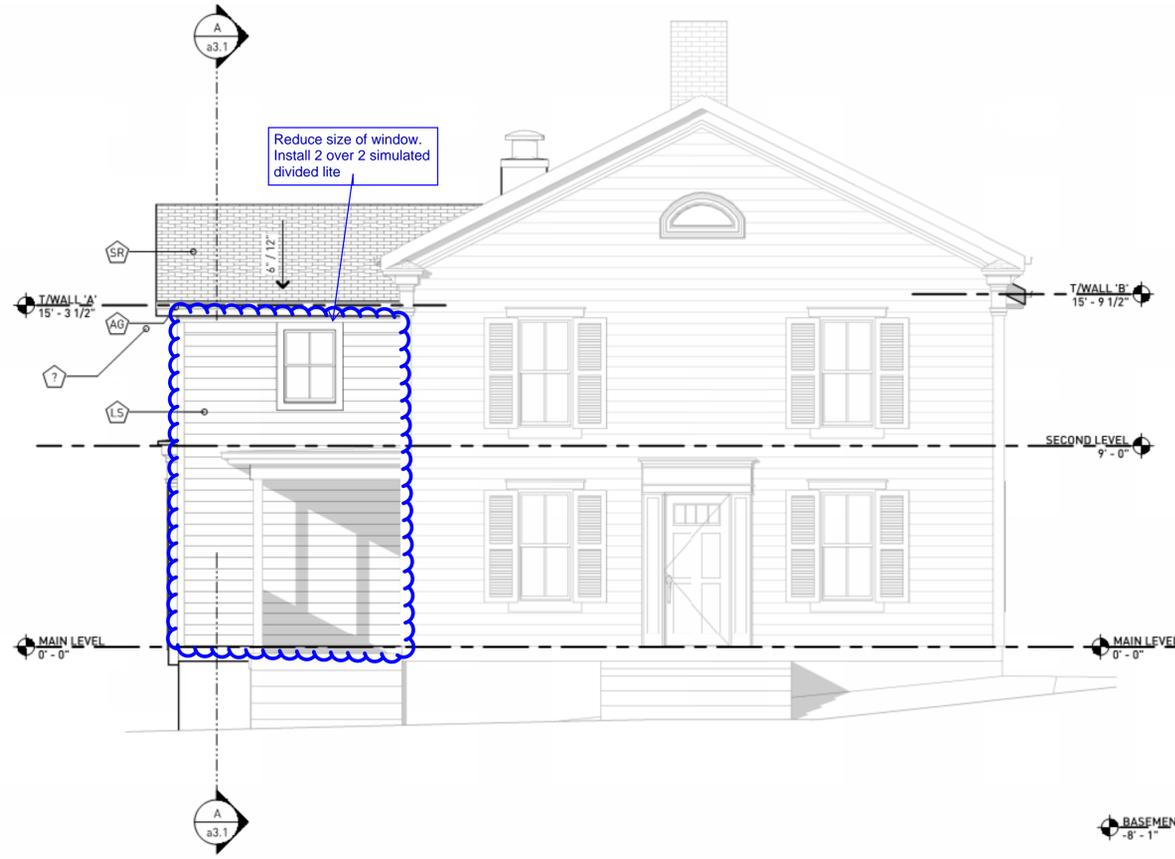
NO.	DESCRIPTION	HATCH PATTERN	NO.	DESCRIPTION
SR	SHINGLE ROOFING: BASIS OF DESIGN, GAF SLATELINE (ANTIQUE SLATE) 30 YEAR ARCHITECTURAL ASPHALT SHINGLES ON 15# FELT W/ ICE AND WATER SHIELD AS REQUIRED. ASSEMBLY TO BE INSTALLED PER MFC REQUIREMENTS	[Hatch Pattern]	CM	CROWN MOLDING: ARCHITECTURE CROWN MOLDING, COLOR TO BE DETERMINED
FN	FOUNDATION: CMU FOUNDATIONS WITH STUCCO FINISH TO MATCH EXISTING, ADJACENT FOUNDATIONS	[Hatch Pattern]	AG	ALUMINUM GUTTERS: AND DOWN SPOUTS TO MATCH FASCIA AND SOFFIT COLOR
LS	LAP SIDING: WOOD LAP SIDING EXPOSURE, COLOR, SPECIES, & STYLE TO BE DETERMINED	[Hatch Pattern]	RV	RIDGE VENT: CONTINUOUS RIDGE VENTS TO BE BAFFLED TO PREVENT BACKFLOW
			1X10	1 X 10 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH
			1X8	1 X 8 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH
			1X6	1 X 6 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH



Allura smooth fiber cement siding

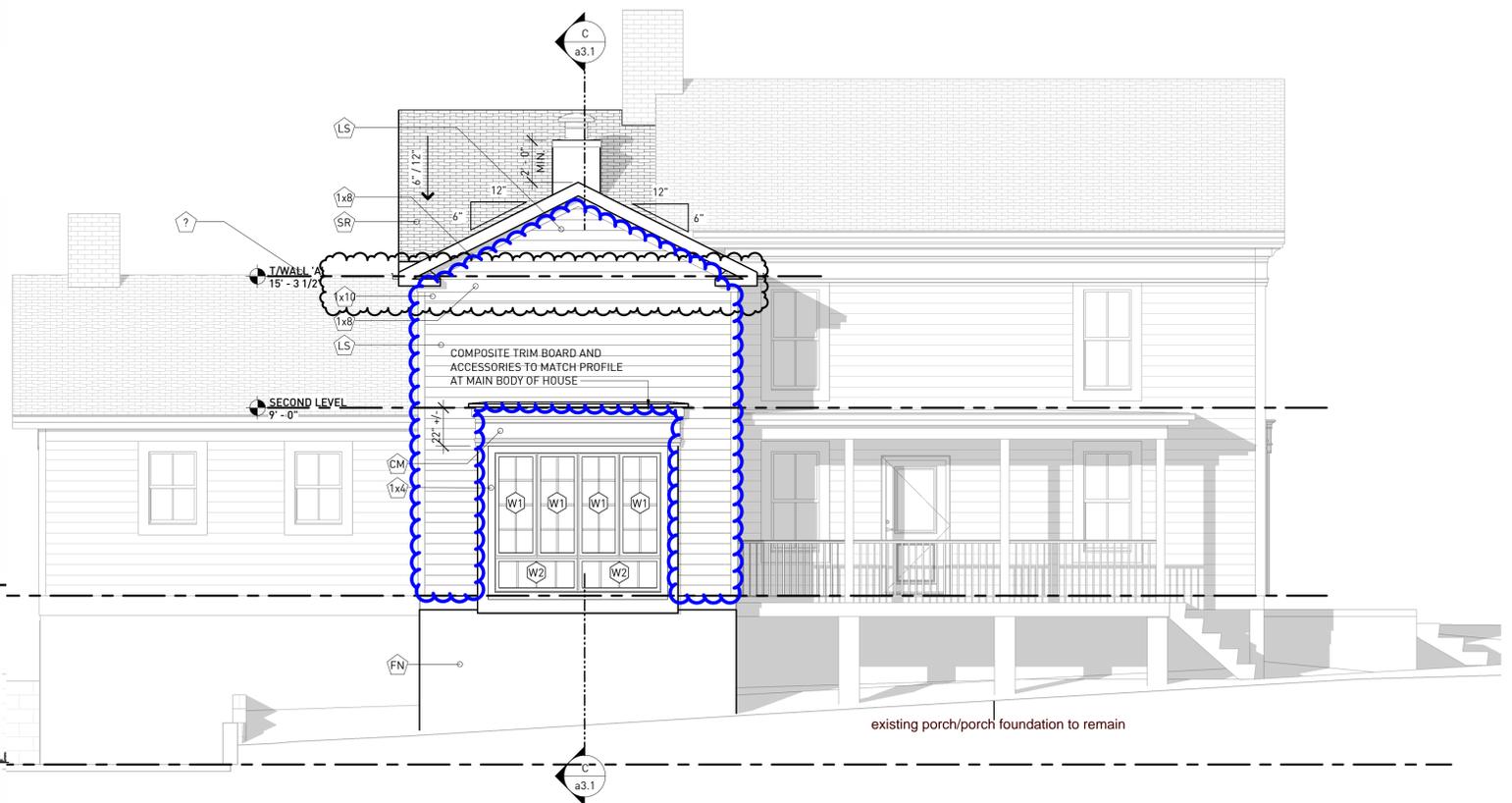


KEY PLAN



**B**  
a1.2 SCALE:  
1/4" = 1'-0"

EAST ELEVATION



**A**  
a1.2 SCALE:  
1/4" = 1'-0"

SOUTH ELEVATION

**ELEVATION NOTES**

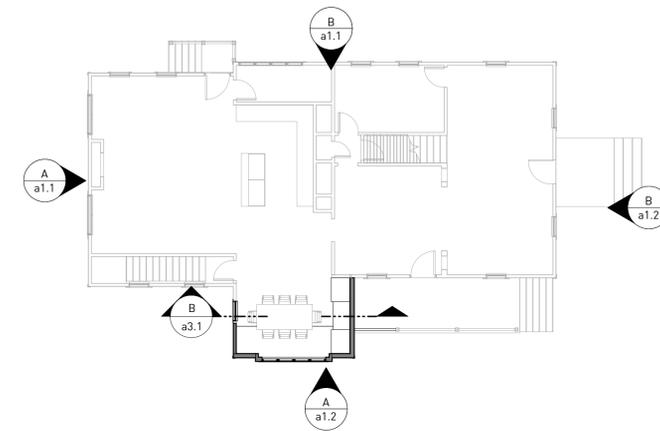
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- 5 ALL EXTERIOR WOOD TO BE PRIMED BEFORE INSTALLATION
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- 7 CONTRACTOR TO PROVIDE PROPER FLASHING AT ALL EXTERIOR DOORS & WINDOWS
- 8 PROVIDE ROOF SADDLE TO DRAIN AWAY FROM BACK SIDE OF CHIMNEY - PROVIDE ALL PROPER FLASHING
- 9 DENOTES GLAZING TO BE TEMPERED

**EXTERIOR FINISH LEGEND**

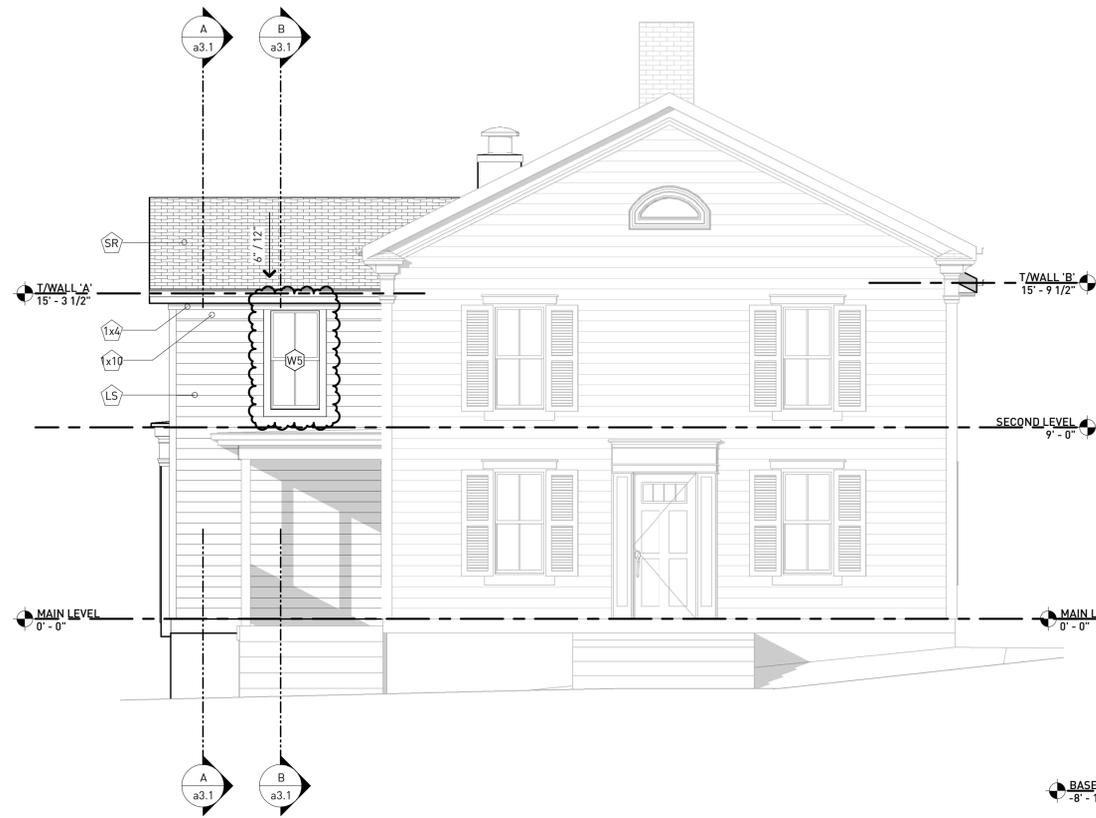
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Approved

Reviewed by Nick Sugar  
06/11/2020, 1:33:33 PM

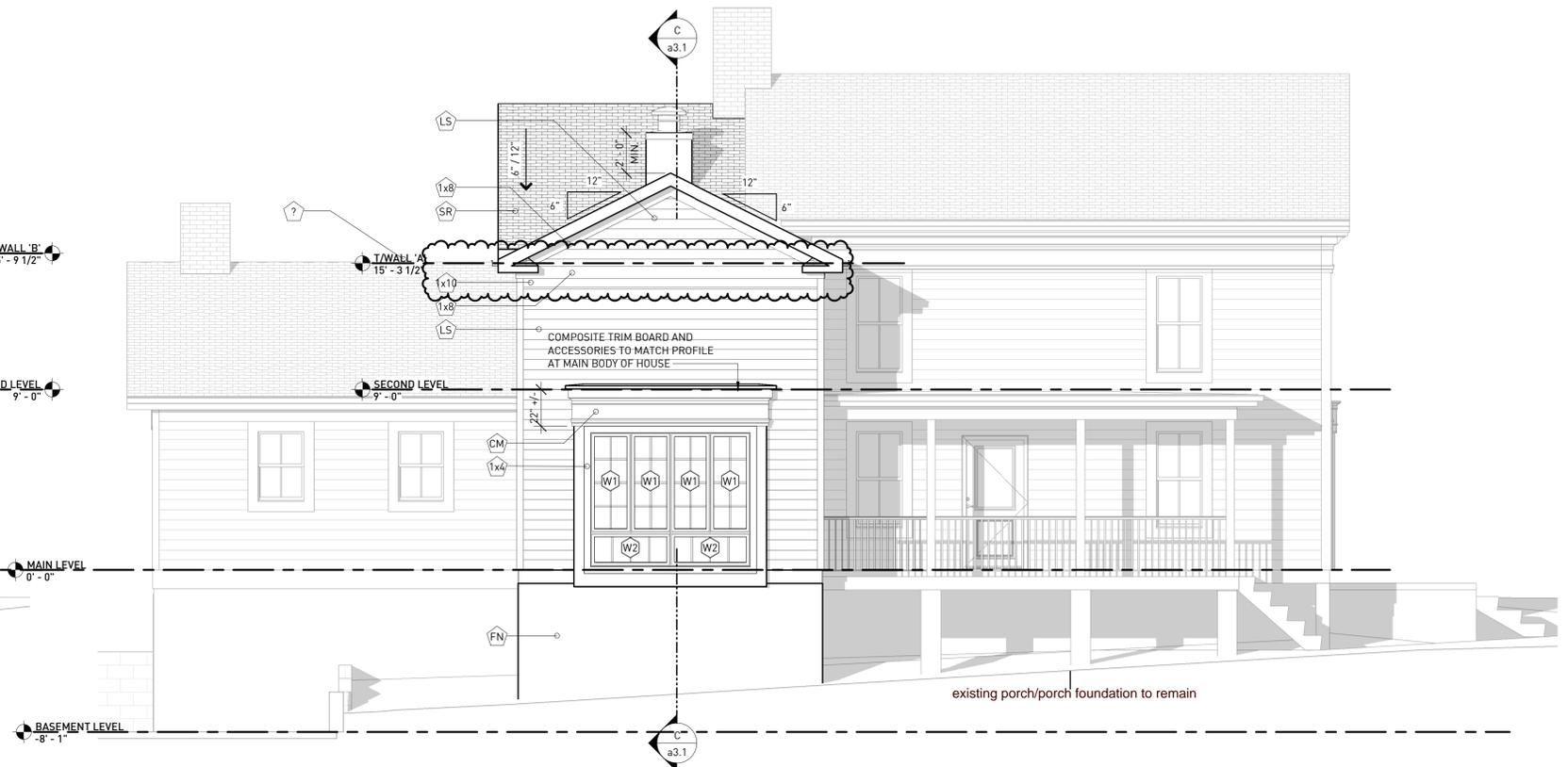


KEY PLAN



SCALE:  
a1.2 1/4" = 1'-0"

EAST ELEVATION



SCALE:  
a1.2 1/4" = 1'-0"

SOUTH ELEVATION

**ELEVATION NOTES**

- 1 STUCCO SHALL BE INSTALLED WITH MINIMUM .019" (No.26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP CREED WITH MINIMUM BELOW THE FOUNDATION PLATE LINE ON THE EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4" ABOVE VERTICAL ATTACHMENT FLANGE OF 3-1/2" PROVIDED AT OR THE EARTH OR 2" ABOVE PAVED AREAS AND SHALL BE OF THE TYPE THAT WILL BE ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.
- 2 ELEVATIONS SHOWN GRAPHICALLY INDICATE BASEMENT FOUNDATION CONDITIONS.
- 3 ALL ROOF SADDLES TO BE PLYWOOD SHEATHED W/ BUILDING PAPER AND SHINGLES.
- 4 CONTINUOUS RIDGE VENTS TO BE BAFFLED TO PREVENT BACK FLOW
- 5 ALL EXTERIOR WOOD TO BE PRIMED BEFORE INSTALLATION
- 6 ALL WINDOW GRILLS TO MATCH ELEVATIONS
- 7 CONTRACTOR TO PROVIDE PROPER FLASHING AT ALL EXTERIOR DOORS & WINDOWS
- 8 PROVIDE ROOF SADDLE TO DRAIN AWAY FROM BACK SIDE OF CHIMNEY - PROVIDE ALL PROPER FLASHING
- 9 DENOTES GLAZING TO BE TEMPERED

**EXTERIOR FINISH LEGEND**

NO.	DESCRIPTION	HATCH PATTERN	NO.	DESCRIPTION
SR	SHINGLE ROOFING: BASIS OF DESIGN, GAF SLATLINE (ANTIQUE SLATE) 30 YEAR ARCHITECTURAL ASPHALT SHINGLES ON 15# FELT W/ ICE AND WATER SHIELD AS REQUIRED. ASSEMBLE TO BE INSTALLED PER MFC REQUIREMENTS		CM	CROWN MOLDING: ARCHITECTURE CROWN MOLDING, COLOR TO BE DETERMINED
FN	FOUNDATION: CMU FOUNDATIONS WITH STUCCO FINISH TO MATCH EXISTING, ADJACENT FOUNDATIONS		AG	ALUMINUM GUTTERS: AND DOWN SPOUTS TO MATCH FASCIA AND SOFFIT COLOR
LS	LAP SIDING: WOOD LAP SIDING EXPOSURE, COLOR, SPECIES, & STYLE TO BE DETERMINED		RV	RIDGE VENT: CONTINUOUS RIDGE VENTS TO BE BAFFLED TO PREVENT BACKFLOW
			1X10	1 X 10 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH
			1X8	1 X 8 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH
			1X6	1 X 6 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH

No.	Description	Date
1	CD REV	06/22/2020
2	JARS REV	06/09/2020

- RELEASED FOR CONSTRUCTION  
 NOT RELEASED FOR CONSTRUCTION



FULL-LINE PRODUCT  
COLLECTION



## Beyond the appeal of the products.

For more than 75 years, Allura has been building its enviable reputation by Making the Material Difference – focusing on the things that make a real difference for our customers. We begin by providing service through a team of professionals dedicated to exceeding your expectations. We're adamant about ensuring you get the right material in the right location at the right time. To do so, we offer a full line of building materials that deliver the distinctive look and unsurpassed performance you demand.

Unlike wood, vinyl and other traditional building materials, Allura Fiber Cement products resist damage from hail or termite attacks, resist rot, are noncombustible, and are free from manufacturing defects. They are also suitable in both hot and cold climates and are fire resistant. What's more, Allura products feature realistic wood grain and textures, come in an incredible array of colors and are paintable for unlimited design possibilities.



**When it comes to the natural look you want with none of the hassles, Allura fiber cement products are all you need.**

- Durable, engineered to endure harsh weather and high-wind climates
- Noncombustible, Class A fire rating
- Superior aesthetics
- Factory pre-primed
- Distinctive, more realistic textures
- 50-year limited warranty
- Best ROI for homeowners\* for 8 years in a row

\* According to Remodeling Cost vs Value Report



Impact-resistant



Termite-resistant



Rot-resistant



Weather-resistant



Noncombustible



# LAP SIDING



## Classic style. State-of-the-art performance.

Combining the appearance and workability of wood with the durability of specially formulated fiber cement, Allura Lap Siding not only looks great but lasts considerably longer than traditional exterior wall cladding or vinyl siding.



### AVAILABLE TEXTURES \*



Traditional Cedar



Smooth



Perfection Shingles

### DESIGNER'S CORNER

Our Traditional Cedar texture features a deep, realistic wood grain appearance for an unbeatable classic style, while the Smooth texture creates a cleaner, modern aesthetic. You can even customize your design utilizing our extensive range of widths. Or for the distinctive look of shake combined with the installation ease of lap siding, choose Allura Perfection shingles. No matter the style, Allura Lap Siding has got yours covered.

### LAP SIDING\*

Thickness	Width	Length	Exposure
5/16"	5 1/4"	12'	4"
5/16"	6 1/4"	12'	5"
5/16"	7 1/4"	12'	6"
5/16"	8 1/4"	12'	7"
5/16"	9 1/4"	12'	8"
5/16"	12"	12'	10 1/4"

\* 1 1/4" min. overlap with all Lap Siding. Check market availability, as products may vary.

### PERFECTION SHINGLES

Thickness	Width	Length	Exposure
7/16"	8 1/4"	12'	7"

# PANEL SIDING



## Versatility that spans traditional to contemporary.

Designed for everything from sidewalls to overhead accents, Allura Panel Siding adds beautifully versatile – and exceedingly durable – distinction to your next project.

### TECHNICAL SPECIFICATIONS

Thickness	Width	Length
5/16"	4'	8'
5/16"	4'	9'
5/16"	4'	10'
5/16"	4'	12'

\* Check market availability, as products may vary.

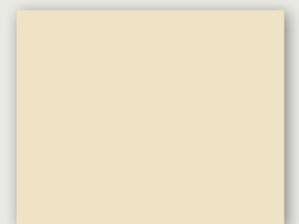
### AVAILABLE TEXTURES\*



Traditional Cedar



8" OC Groove



Smooth



Stucco

# SHAKE



## The undeniable allure of texture and detail.

Replacing split or rotted wood shingles is a thing of the past thanks to Allura Shake and Individual Shake Shingles. Featuring the natural beauty of cedar, our Shingles and Shake provide the appearance of wood without the wear and tear, ideal for everything from small facades to large areas to full wall applications. What's more, our Shake achieves the look of individual shingles in easy-to-install panels. To elevate the authenticity even further, opt for Allura Shake Select, the innovative interlocking 3-panel system that minimizes repeating patterns to deliver a truly random aesthetic. All of which deliver a lot of extra curb appeal without a lot of extra work.

### DESIGNER'S CORNER

When it comes to creativity and versatility, Allura Shake is all you need to establish a look that's all your own. Whether you prefer the classic Straight Edge look, the "randomness" of Staggered Edge or the decorative possibilities of our Half Round, Allura Shake makes your design ideas come alive.

### Allura Shake\*

- Primed only
- Two textures: Traditional Cedar & Combed

#### STAGGERED EDGE

Thickness	Dimensions	Exposure
¼"	16" x 48"	6"

#### STRAIGHT EDGE

Thickness	Dimensions	Exposure
¼"	16" x 48"	7"
¼"	12" x 48"	5"

#### HALF ROUNDS & OCTAGON

Thickness	Dimensions	Exposure
¼"	16" x 48"	7"

#### INDIVIDUAL SHAKE SHINGLES - COMBED

Thickness	Dimensions	Exposure
¼"	12" x 18"	8"
¼"	8" x 18"	8"
¼"	6" x 18"	8"

#### INDIVIDUAL SHAKE SHINGLES - CEDAR

Thickness	Dimensions	Exposure
¼"	12" x 18"	8"
¼"	8¾" x 18"	8"
¼"	6¾" x 18"	8"

\* Check market availability, as products may vary.



Random Square - Straight Edge



Random Square - Staggered Edge



Individual Shakes - Staggered Edge



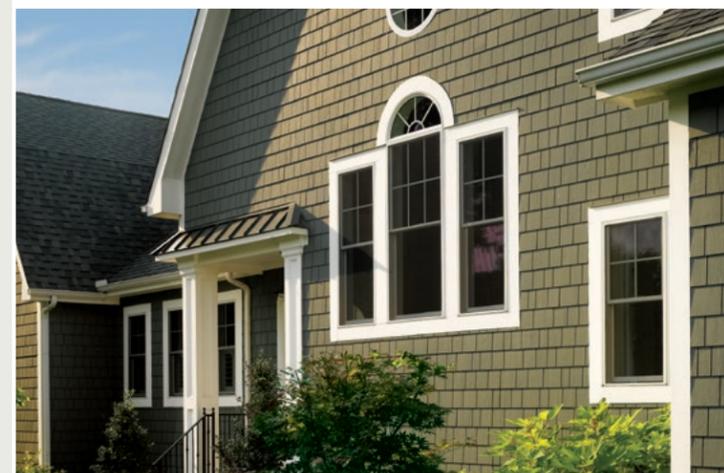
Individual Shakes - Straight Edge



Half Rounds



Octagons



# SHAKE SELECT



## Innovative design for random beauty.

It's possible to achieve the look of handcrafted randomly placed shake shingle siding without actually installing individual shake shingles, one by one.

Allura's Shake Select siding achieves the truly distinctive look once only possible with individual cedar shingles with a fiber cement product that's unsurpassed in its ability to stand up to the harshest weather, wood-devouring insects or whatever else Mother Nature throws its way.

### Allura Shake Select\*

- Available in Straight Edge & Staggered Edge
- Two textures: Traditional Cedar & Combed
- Available in Factory Prefinished & Primed

Thickness	Dimensions	Exposure
5/16"	16" x 48"	7"

\* Check market availability, as products may vary.

### DESIGNER'S CORNER

A repeating pattern is the last thing you want to see when standing on the curb looking at one of your finished homes. Allura has overcome this annoyance through an ingenious, one-of-a-kind system that utilizes a series of three distinct 4' X 8' panels and an intuitive installation sequence. With Allura Random Shake, installers can knock out 4' X 8' sections in a fraction of the time it would take to place individual shingles over that same surface area. Allura Shake Select is truly unique, delivering the look of old world craftsmanship in a beautiful new way.



Random Square – Straight Edge



Random Square – Staggered Edge



Octagons



Half Rounds

# TRIM



## Tie it all together.

Thanks to our special fiber cement formulation, Allura Trim has all the advantages of wood and none of the hassles. It looks like wood yet is incredibly durable. It won't rot, warp or splinter and is designed to significantly outperform wood in every way. Best of all, there is no need for special tools on the job site. Our Trim can be cut with the same saw blades and installed with the same tools normally used for wood products. Why bother with wood? Trim provides the look and long-lasting protection you need to bring your home that all-important finishing touch.



### TRIM FEATURES

- Available in reversible Cedar/Smooth board for added versatility
- 15-year limited warranty

### DESIGNER'S CORNER

Nothing brings the look of your home together quite like Allura Trim. Its clean lines, exceptional durability and paintability provide the ultimate in beauty and versatility. Allura Trim is the perfect finishing touch.

Size	Thickness	Nominal Width*							
		2"	3"	4"	5"	6"	8"	10"	12"
7/16"	7/16"			●		●	●		●
4/4	3/4"	●	●	●		●	●	●	●
5/4	1"	●	●	●	●	●	●	●	●
8/4	1 1/2"			●		●			

All available in 12-ft. lengths

\*Check market availability, as products may vary.



# TUNDRA TRIM



## Raise the bar on trim durability.

Allura Tundra Trim outperforms today's material competition. Made from a proprietary blend of specially engineered polymers and a unique manufacturing stretching process, our Tundra Trim is similar to wood but without the risk of fungal decay or termite damage. The halogen-free material won't absorb water — so no cracking, warping, cupping, rotting, corrosion, expansion, or contraction.

Allura Tundra Trim offers the best composite trim strength-to-weight ratio in the industry. The ideal complement to Allura's ultra-durable fiber cement siding products, Tundra Trim lives up to its name in durability and strength. Its industry-best 25-year warranty outlasts other 15-year guarantees in the ultradurable fiber cement category.

### DESIGNER'S CORNER

Ideal anywhere, all year round — even in extreme weather locations, Allura Tundra Trim is lightweight and easy to use, with unsurpassed stability and unmatched strength. It can be installed along the roof line or down to the ground without typical gapping due to the elimination of common material contraction or thermal expansion. Tundra Trim's tough exterior withstands high impact, from falling hail to slicing golf balls.



### PRODUCT SPECIFICATIONS

- Non-reversible popular snow-white shade complements all designs
- 18' length makes 2-story application seamless
- 1"x4", 1"x6", 1"x8", and 1"x12" widths



## BEADBOARD

# Elevate the look and performance of ceilings.

Exceptionally beautiful, exceedingly durable, Allura Fiber Cement Beadboard is perfect for any ceiling application, including porches and gazebos. Best of all, it's weather-, rot- and fire-resistant. Raise your expectations for any outdoor ceiling with the aesthetics and durability of Allura Beadboard.



**NON-VENTED, PRIMED & READY TO PAINT  
4' X 8' PANELS, FEATURING A TRUE 3 1/2"  
O.C. DEEP GROOVE BEAD**

For the look of wood with none of the hassles, all you need is Allura Beadboard. That's because, unlike typical wood panel ceiling materials, Allura is made from an advanced fiber cement formulation that is both rot- and warp-resistant. It's also impervious to wood-boring insects, is weather- and impact-resistant, and is noncombustible. And, for added peace of mind, Allura Beadboard is backed by an industry-leading 50-year limited warranty.

### TECHNICAL SPECIFICATIONS

Thickness	Width	Length
5/16"	4'	8'

*\* Check market availability, as products may vary.*

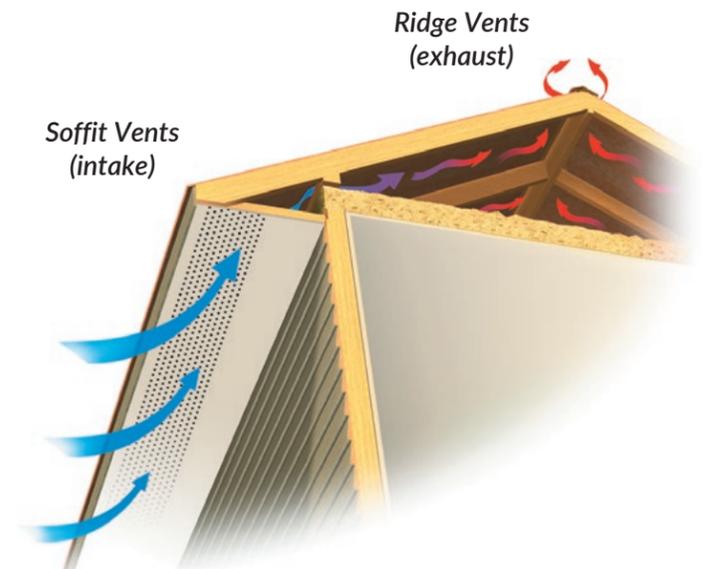
# SOFFIT



## Tackle a tough job beautifully.

Available in both vented and non-vented styles, Allura Soffit Panels will neither warp nor rot. Unlike traditional wood, they are engineered to repel moisture, withstand any climate and provide extensive protection around the home.

Experts agree that the most effective system is a balance of air intake and exhaust that creates a uniform flow of air through the attic. To create those conditions in this challenging area, Soffit helps equalize the roof temperature from top to bottom by supplying a consistent airflow along the entire underside of the roof deck.



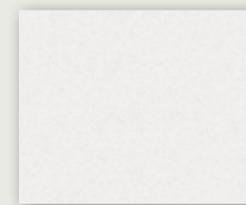
### DESIGNER'S CORNER

Whether you prefer Smooth or Cedar texture, Allura Soffit options allow you to ensure your home's design style is consistent from every angle.

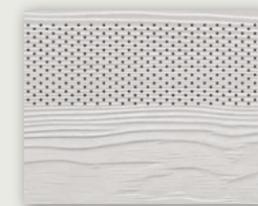
#### AVAILABLE TEXTURES\*



Traditional Cedar



Smooth



Traditional Cedar Vented



Smooth Vented

Type	Thickness	Width	Length
Vented/Non-Vented	1/4"	24"	8'
Vented/Non-Vented	1/4"	24"	12'
Vented/Non-Vented	1/4"	16"	12'
Vented/Non-Vented	1/4"	12"	12'
Vented/Non-Vented	1/4"	8-1/4"	12'
Vented/Non-Vented	1/4"	6-1/4"	12'
Vented/Non-Vented	1/4"	6"	12'
Non-Vented	1/4"	4"	8'

\* Check market availability, as products may vary.

**BACKER 1/4"**

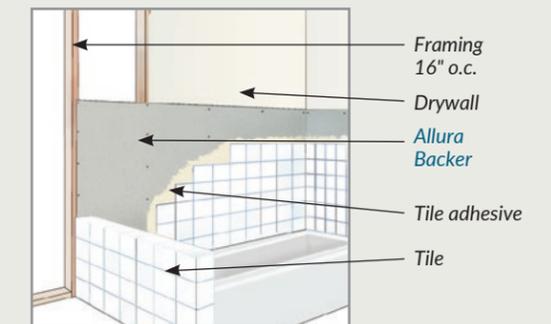
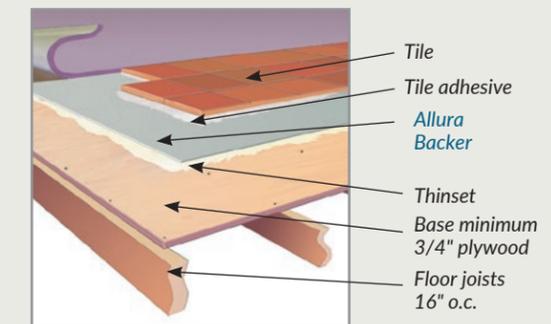


## For all your backer needs.

When it comes to home construction, water can be your worst enemy. Allura Backer 1/4" feature an exceptionally durable and dense, non-porous surface, making them ideal for safeguarding kitchens and bathrooms from moisture and water damage. It's the fiber cement building material trusted by pros who insist on not just meeting code, but meeting their own high standards of craftsmanship.

### VERSATILE

Preferred by building professionals; all Allura Backer Boards meet local building codes that require the use of backer board or underlayment under tile in wet areas. Allura Backer Boards are light weigh, easy to install and provide the flexibility and strength to assure suitability for any size and type of tile or natural stone for interior floors, walls and counter tops.



### DURABLE

Allura Backer offers the most advanced engineering benefit to a structure and is guaranteed by a 20-year limited warranty: all Allura moisture-resistant Backer boards safeguard floors and other wet areas from water damage- it will not swell, decay, delaminate or deteriorate. Allura Backer boards also offer a class A flame spread rating; non-combustible, and defends against mold, rot and decay.



# BACKER 1/2"



## You can't buy a better backer.

Allura Backer 1/2" creates the perfect surface to adhere tile, natural stone, faux stone, brick veneer, paint, wallpaper and other resilient topside materials. Made of a precisely blended combination of Portland cement, wood fibers and specialty additives, the fiber cement Backer 1/2" is suitable for counters, flooring and interior walls throughout the house to prevent possible water damage to the structure.

Installation requires no special tools for cutting, and it fastens easily with screws or nails.

The easy-to-install Allura Backer 1/2" is backed by our 20-year limited warranty.



### TECHNICAL SPECIFICATIONS

	Allura Backer 1/4"	Allura Backer 1/2"
<b>Weight</b>	3' x 5' 28 lbs/pc	3' x 5' 39 lbs/pc
	4' x 4' 30 lbs/pc	
	4' x 8' 60 lbs/pc	4' x 8' 83 lbs/pc
<b>Pieces/Unit</b>	3' x 5' 85 pcs/unit	3' x 5' 50 pcs/unit
	4' x 4' 85 pcs/unit	
	4' x 8' 50 pcs/unit	4' x 8' 40 pcs/unit

*\* Check market availability, as products may vary.*

### FLAME SPREAD/ SMOKE DEVELOPMENT

- ASTM E84 test results
- Flame Spread: 0
- Smoke Development: 5

### SHEAR BOND STRENGTH

- Latex-Portland cement
- Greater than 280 psi

PRE-FINISHED



## Build in more durability with pre-painted fiber cement.

Opt for pre-finished fiber cement siding to build in quality and durability. Unlike retail paint made from a clear base tinted with synthetic pigments, the paint formulated for fiber cement manufacturers uses natural color pigments, which are renowned for their superior durability, coverage, stability and resistance to fading. (Ancient cave drawings used natural pigments, and they haven't disappeared after 30,000 years.) Pre-painted siding from Allura is guaranteed for 15 years – up to twice the durability of an on-site application.

### ALWAYS THE RIGHT CONDITIONS

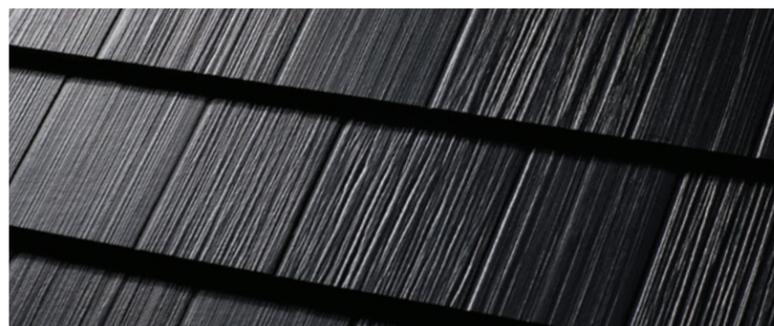
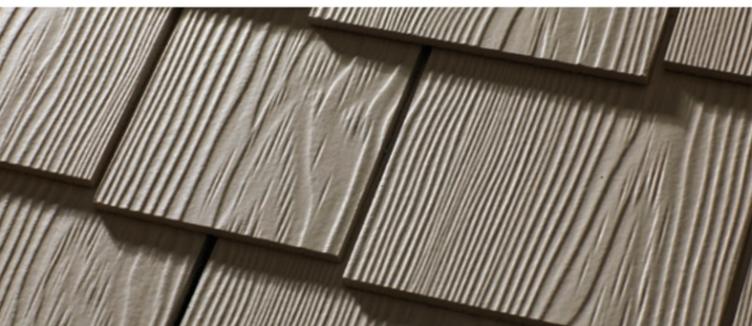
Paint will never apply with the same consistency and control on a vertical surface in outdoor conditions as it will in a cutting-edge painting facility. Not only is pre-painted siding application more consistent, but the coating is also thicker.

Moisture can prevent paint adherence to virtually any substrate. For best results, painters should delay for 24-hours after any precipitation and should avoid application altogether within 4 hours before forecasted rain. Additionally, most paint labels recommend painting when the relative humidity is between 40-60%, but in many areas around the United States, the humidity almost never drops below 60%.

When temperatures outside are too high or too low, painting the building's siding is also problematic. To create a durable film, the air temperature must be over 35° and lower than 90°. But weather is never a problem in the factory, where painting conditions are perfect 365 days a year.

### DESIGNER'S CORNER

Would you prefer to have a new car delivered with just the primer applied? Imagine trying to match that factory finish out in your driveway. When a product is finished in a controlled factory setting with specially formulated coatings, it delivers unrivaled results. It's that simple.



# Unleash your imagination.



Allura's proprietary Spectrum™ Finishing System not only ensures unparalleled protection against the elements, but also brings out your style in a gorgeous palette of eye-catching designer colors. But that's only part of the story. Beneath our alluring Spectrum finish lies a strong precision process. Optimal defense is built in with our primer/sealer for premium weather protection and machine-applied coats of Spectrum color.

With 25 solid colors and 5 natural-wood stains available to choose from our Spectrum pre-painted collection, your homeowner can rest assured knowing they won't need to repaint for 15 years. We back this claim up with a 15-year warranty on all our pre-finished options.



Or if you have a special request beyond our existing samples, you can create your own custom look with our Spectrum Plus™ curated collection. This offers a palette of beautiful colors reserved exclusively for your use in your market. Contact your Allura sales representative for more details on both of these customized programs to determine what best fits your needs.

The color samples shown here are as accurate as printing methods will permit. For a physical color card, a request form or to find a preferred dealer near you, please visit [AlluraUSA.com](http://AlluraUSA.com).

# We don't just promise world-class service. We guarantee it.

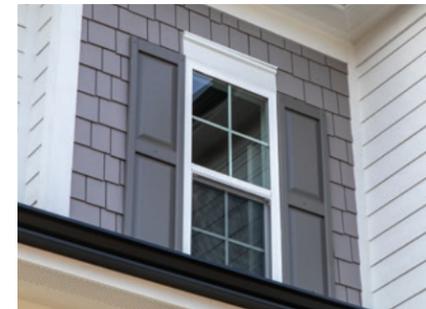
At Allura, we believe the building industry is first and foremost a service industry. We understand time is money and you deserve respectful, courteous and knowledgeable customer service. So you can always count on us for helpful technical support, customer service reps and managers who are eager to assist you with all your Allura fiber cement needs.

## ON-TIME SHIPMENTS

We take pride in delivering full and on-time shipments. If for any reason your direct Allura order does not ship on your promised ship date, please contact Allura's Customer Support immediately, so we can assist you.

## QUALITY PRODUCTS & PROTECTED INVESTMENT

With over 75 years of experience, Allura provides a top-line fiber cement product using our advanced formulation and quality-control monitoring. Every piece of fiber cement product delivered from Allura will be palletized and wrapped to protect your investment.



## BACKED BY CONFIDENCE.

Allura fiber cement products are backed by our 50-year Limited Transferable Warranty\*. Guaranteed!

\*Please review our Limited Transferable Warranty for specific details.

**General Description:** Allura Fiber Cement siding is available in different products providing both traditional and contemporary aesthetics. It is suitable for residential and light commercial applications.

<b>Shakes</b>	<b>Lap</b>	<b>Vertical</b>	<b>Trim</b>
Perfection Shingles	Smooth	Stucco	Reversible-
Random Square Straight Edge	Cedar	Smooth	Smooth/Cedar
Random Square Staggered Edge		Cedar/no groove	
Half Rounds		Cedar/8" grooved	
Octagons			

**Finishes:** Allura's exclusive primer is ready for field top coating with high quality, acrylic latex paint or stains. Factory pre-finishing available with paint or stain.

**Surface Patterns:** Smooth, Traditional Cedar, Stucco, and Vertical grain.

**Sizes: Shakes**

- 8 ¼" x 12' (209mm x 3657mm)
- 12" x 48" (305mm x 1219mm)
- 16" x 48" (406mm x 1219mm)

**Lap Siding**

- 5 ¼" (133mm)
- 6 ¼" (159mm)
- 7 ¼" (185mm)
- 8 ¼" (209mm)
- 9 ¼" (235mm)
- 12" (305mm) x 12' (3657mm)

**Vertical**

- 4' x 8' (1219mm x 2438mm)
- 4' x 9' (1219mm x 2743mm)
- 4' x 10' (1219mm x 3048mm)

**Trim**

- 4/4" thickness (3/4" actual) 12' length
- 2" (1 ¾" actual)
- 3" (2 ½" actual)
- 4" (3 ½" actual)
- 6" (5 ½" actual)
- 8" (7 ¼" actual)
- 10" (9 ¼" actual)
- 12" (11 ¼" actual)
  
- 5/4" thickness (1" actual) 12' length
- 3" (2 ½" actual)
- 4" (3 ½" actual)
- 5" (4 ½" actual)
- 6" (5 ½" actual)
- 8" (7 ¼" actual)
- 10" (9 ¼" actual)
- 12" (11 ¼" actual)

**Thickness:** 5/16" (8mm) on lap, vertical panel. Shapes available in ¼" and 5/16"

**Composition:** The products are manufactured using a multistep high-pressure process combining Portland cement, wood fiber, and specialty additives. Wood grains and other architectural features are pressed into the surface.

**Technical Data:** Allura Fiber Cement is tested in accordance with the American Society for Testing and Materials.

ASTM C1186	Standard Specification for Flat Non-Asbestos Fiber Cement Sheets
ASTM C1185	Sampling and Testing Non-Asbestos Fiber-Cement Flat Sheet, Roofing and Siding Shingles, and Clapboards
ASTM E72	Conducting Strength Tests of Panels for Building Construction
ASTM E84	Surface Burning Characteristics of Building Materials
ASTM E119	Tests of Building Construction and Materials
ASTM E136	Non-Combustible
ASTM E330	Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference
ASTM G26	Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials

**Certifications:** ICC ESR-1668, Texas Department of Insurance EC-16, Canadian Construction Materials Centre 12987-R, Florida Building Code FL20742-R4, Miami Dade 18-0222.08, Cal Fire 8140-2180

**Fire Resistance Characteristics:** Allura Fiber Cement products are Class A fire rated with a Flame Spread Rating -0, Smoke developed -5, per ASTM E84, and is considered non-combustible in accordance with ASTM E136.

**Warranty:** Allura Fiber Cement siding offers a 50-year limited transferable product warranty on all products listed in this document with the exception of Multimax lap siding products and Trim products. Multimax lap siding products offer a 30-year limited transferable product warranty. Allura also offers a 15-year Colormax limited coating warranty on pre-finished products.

Allura warrants the Lap Siding, Vertical Panel, Shakes, and Soffit purchased comply with ASTM C1186, will resist damage caused by hail or termite attacks, and is free from manufacturing defects in material and workmanship. See warranties for details and limitations.

**Technical Support:** Allura maintains a technical services staff to assist building professionals with questions regarding Allura siding products. Call 1 (844) 4 Allura for answers to technical or installation related questions.





Lap Siding



Shake



Trim



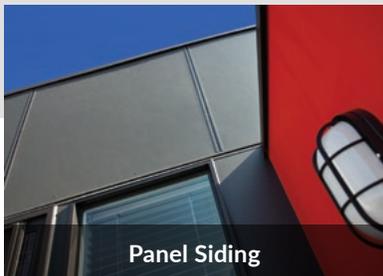
Soffit



Panel



Beadboard



Panel Siding

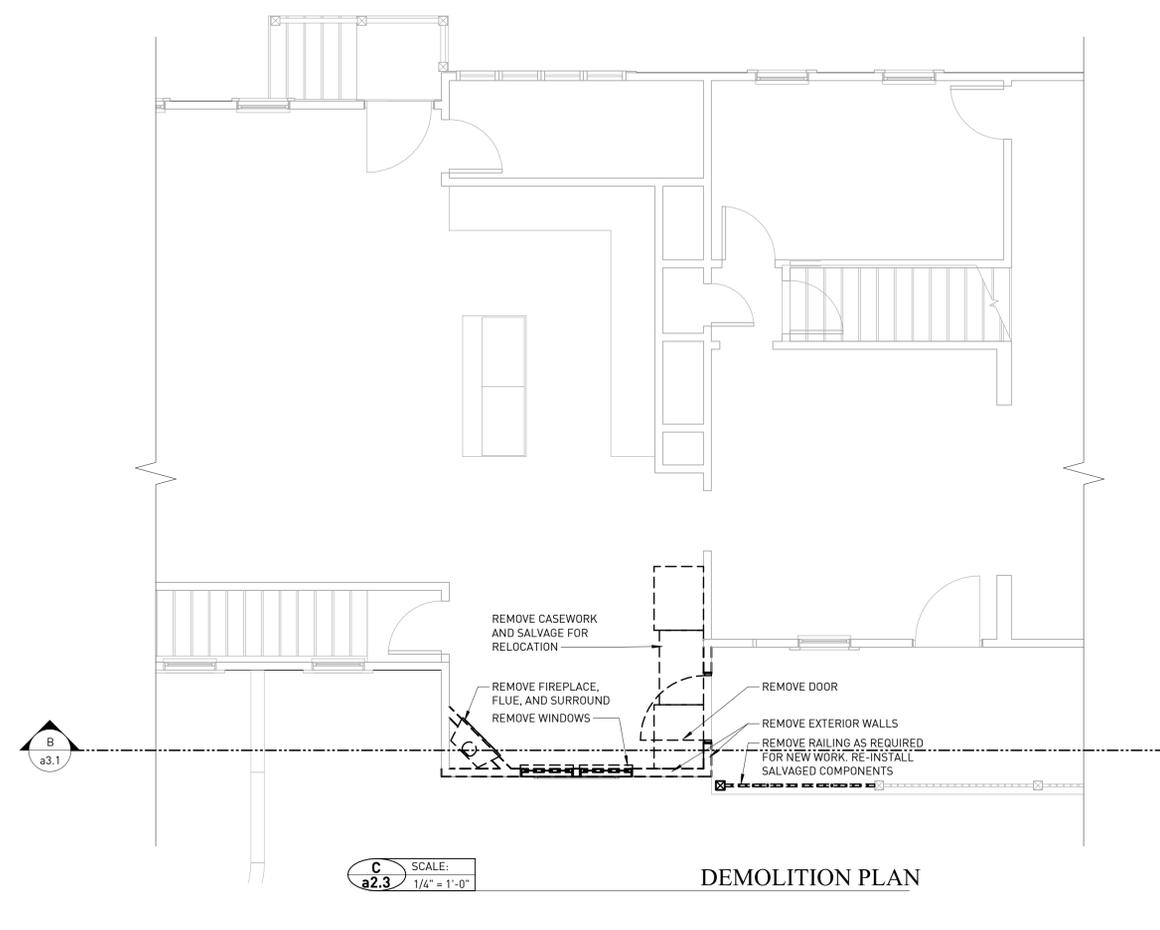
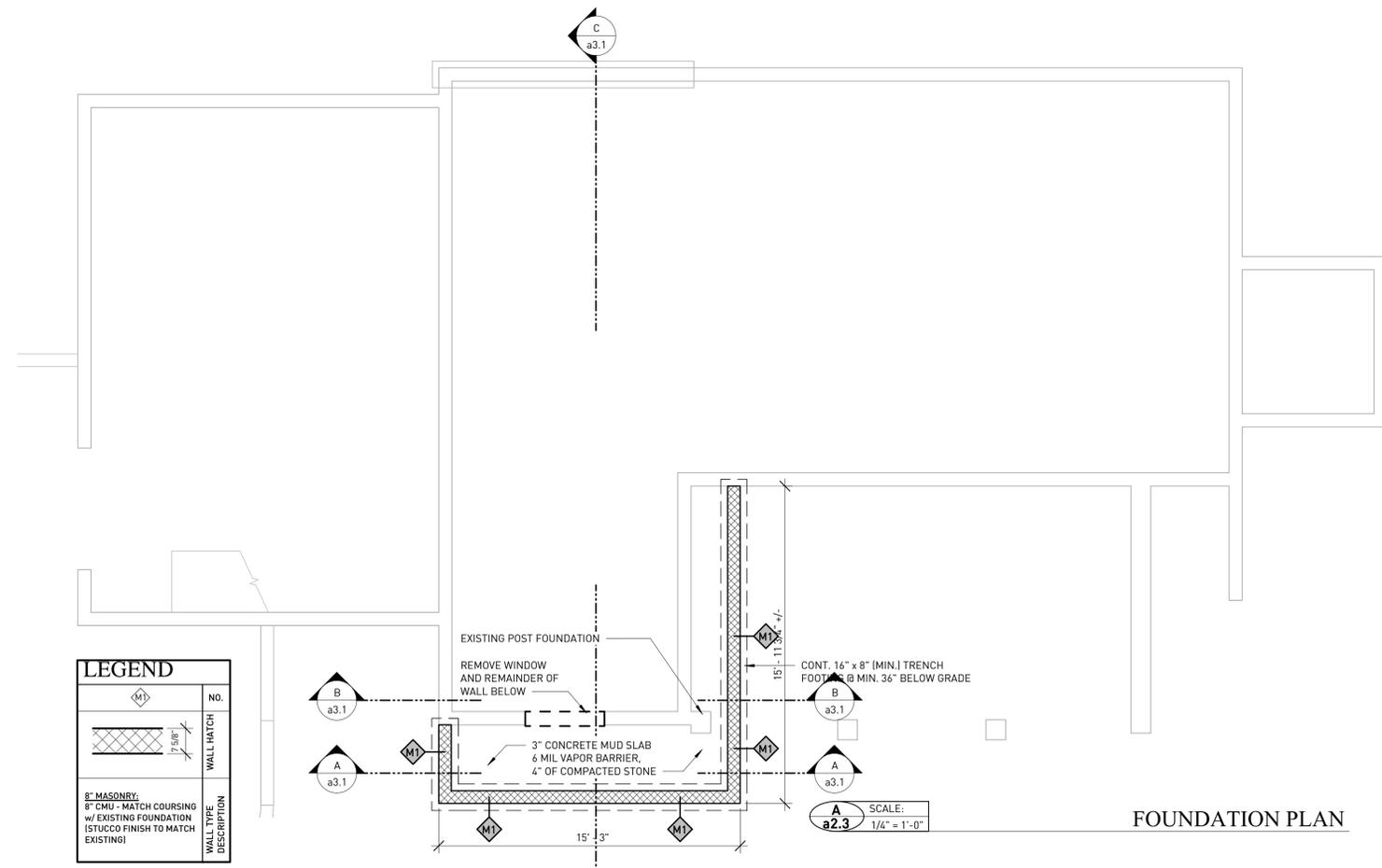


Backer

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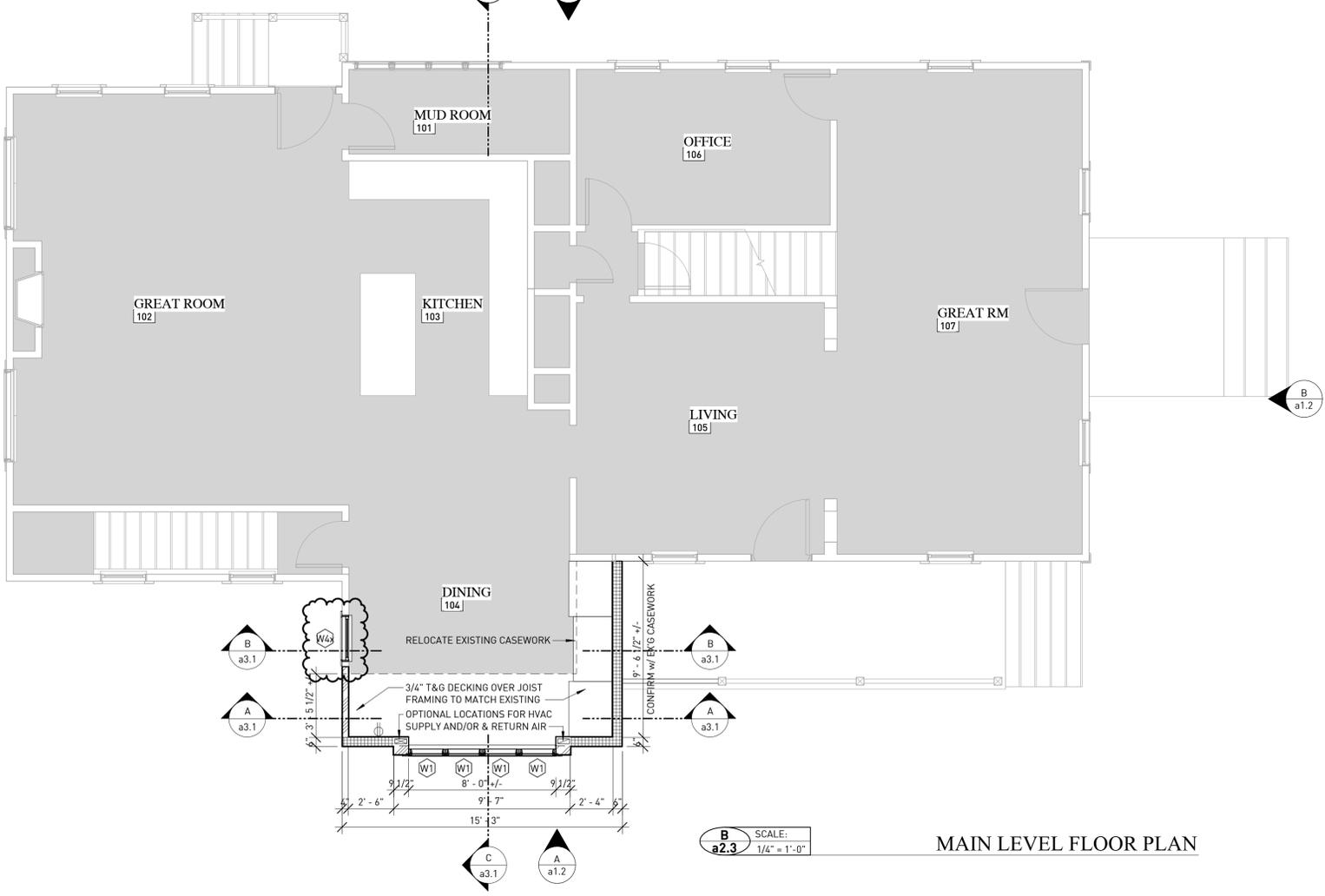
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**LEGEND**

NO.	WALL HATCH	WALL TYPE DESCRIPTION
1	[Hatch]	8" MASONRY, 8" CMU - MATCH COURSING w/ EXISTING FOUNDATION (STUCCO FINISH TO MATCH EXISTING)



**FOUNDATION NOTES**

- DO NOT SCALE DRAWINGS. IF ANY DISCREPANCIES ARISE PLEASE CONTACT THE PROJECT MANAGER AND DESIGNER.
- CONCRETE AND MASONRY FOUNDATION WALLS TO COMPLY W/ SECT 404 IN THE RCD.
- CONCRETE TO BE A MIN. 3000 PSI COMPRESSIVE STRENGTH.
- FOOTING DESIGN ASSUMES A SOIL-BEARING CAPACITY OF 1,500 PSF.
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL (36" BELOW FINISH GRADE (MIN.))
- REFERENCE FLOOR PLANS FOR PLUMBING LOCATIONS

**HEADERS**

[H-1]	(3) 2x10's + 1" RIGID FOAM
[H-2]	(3) 2x8's + 1" RIGID FOAM
[H-3]	(2) 2x10's + 1/2" PLYWD FLITCH

**STRUCTURAL NOTES**

- THESE REQUIREMENTS MAY BE SUPERCEDED BY MORE STRINGENT INFORMATION CONTAINED WITHIN THE DRAWINGS. THE MORE STRINGENT SHALL BE FOLLOWED.
- SOIL CONDITIONS SHALL CONFORM TO THE FOLLOWING CONDITIONS:
  - A. BEARING CAPACITY - 1,500 PSF MAX.
  - B. WATER TABLE - SHALL BE BELOW BOTTOM OF LOWEST FLOOR
  - C. LINE OF STRUCTURE WHEN WATERABLE FOUND ABOVE, NOTIFY ENGINEER OF RECORD IMMEDIATELY.
- UNLESS OTHERWISE NOTED, MINIMUM CONCRETE FOOTING WIDTHS SHALL BE:
  - 1-STORY, NO BRICK VENEER - 16 IN.
  - 2-STORY, NO BRICK VENEER - 16 IN.
  - 1-STORY, WITH BRICK VENEER - 17 IN.
  - 2-STORY, WITH BRICK VENEER - 21 IN.
- FREE DRAINING GRANULAR BACKFILL SHALL BE USED AGAINST FOUNDATION WALLS. ALL BACKFILL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL SUCH AS ORGANIC MATERIALS, DEBRIS, PIECES OF DEMOLISHED CONCRETE, OR ANY OTHER HARD AND/OR POINTED OBJECTS SPECIFICALLY LARGER THAN FOUR INCHES IN DIAMETER FOR WALLS WITH UNBALANCED BACKFILL GREATER THAN 4 FEET. BRACING IS REQUIRED TO PREVENT DAMAGE BY THE BACKFILL. THE MINIMUM HEIGHT OF BACKFILL ABOVE THE FOOTING SHALL BE 4 INCHES ABOVE THE FOOTING FOR A MINIMUM WIDTH OF 12 INCHES BEYOND THE FOOTING EDGE. ALL DRAIN TILES SHALL SIT ON TOP OF A MINIMUM OF 2 INCHES OF WASHED GRAVEL, AND BE COVERED BY NOT LESS THAN 4 INCHES OF THE SAME MATERIAL.
- FASTENERS FOR PRESSURE TREATED OR FIRE-RETARDANT WOOD SHALL BE HOT-DIPPED GALVANIZED STEEL, STAINLESS STEEL, OR COPPER
- ALL WALL SILL PLATES BEARING DIRECTLY ON FOUNDATION WALLS SHALL BE ANCHORED WITH 1/2" DIAMETER ANCHOR BOLTS OR APPROVED GALVANIZED STEEL ANCHORS INTO THE WALL A MINIMUM OF 7 INCHES OF EMBEDMENT. MINIMUM TWO ANCHORS PER SECTION OF PLATE. MAXIMUM SPACING OF ANCHORS IS 6'-0". ANCHORS SHALL BE PLACED WITHIN 12 INCHES FROM EACH END OF EACH PLATE.
- PLYWOOD SUBFLOORS SHALL BE GLUED AND NAILED TO THE FLOOR JOISTS WITH APA APPROVED ELASTOMERIC STRUCTURAL ADHESIVE AND 8d COMMON NAILS SPACED AT 4 INCHES ON-CENTER AT PANEL EDGES AND 12 INCHES ON-CENTER AT INTERMEDIATE SUPPORTS.
- ALL REINFORCING STEEL (REBAR OR BARI) SHALL CONFORM TO ASTM A-615, GRADE 60 (60,000 psi)
- MAXIMUM SLUMP OF 5 INCHES
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 318-05

**WALL TYPE LEGEND**

NO.	WALL HATCH	WALL TYPE DESCRIPTION
1	[Hatch]	INTERIOR 2x4 WALL : 1/2" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATION
2	[Hatch]	INTERIOR 2x4 WALL : 1/2" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C.
3	[Hatch]	INTERIOR 2x6 WALL : 1/2" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATION
4	[Hatch]	EXTERIOR 2x4 WALL : 1/2" OSB BOARD ON EXTERIOR SIDE OF 2x4 WD. STUDS @ 16" O.C. W/ 7/8" GYP. BOARD ON INTERIOR SIDE W/ R-15 INSULATION
5	[Hatch]	EXTERIOR 2x6 WALL : 1" RS ZIP SHEATHING ON EXTERIOR SIDE OF 2x4 WD. STUDS @ 16" O.C. W/ 7/8" GYP. BOARD ON INTERIOR SIDE W/ R-15 INSULATION

### ELECTRICAL NOTES

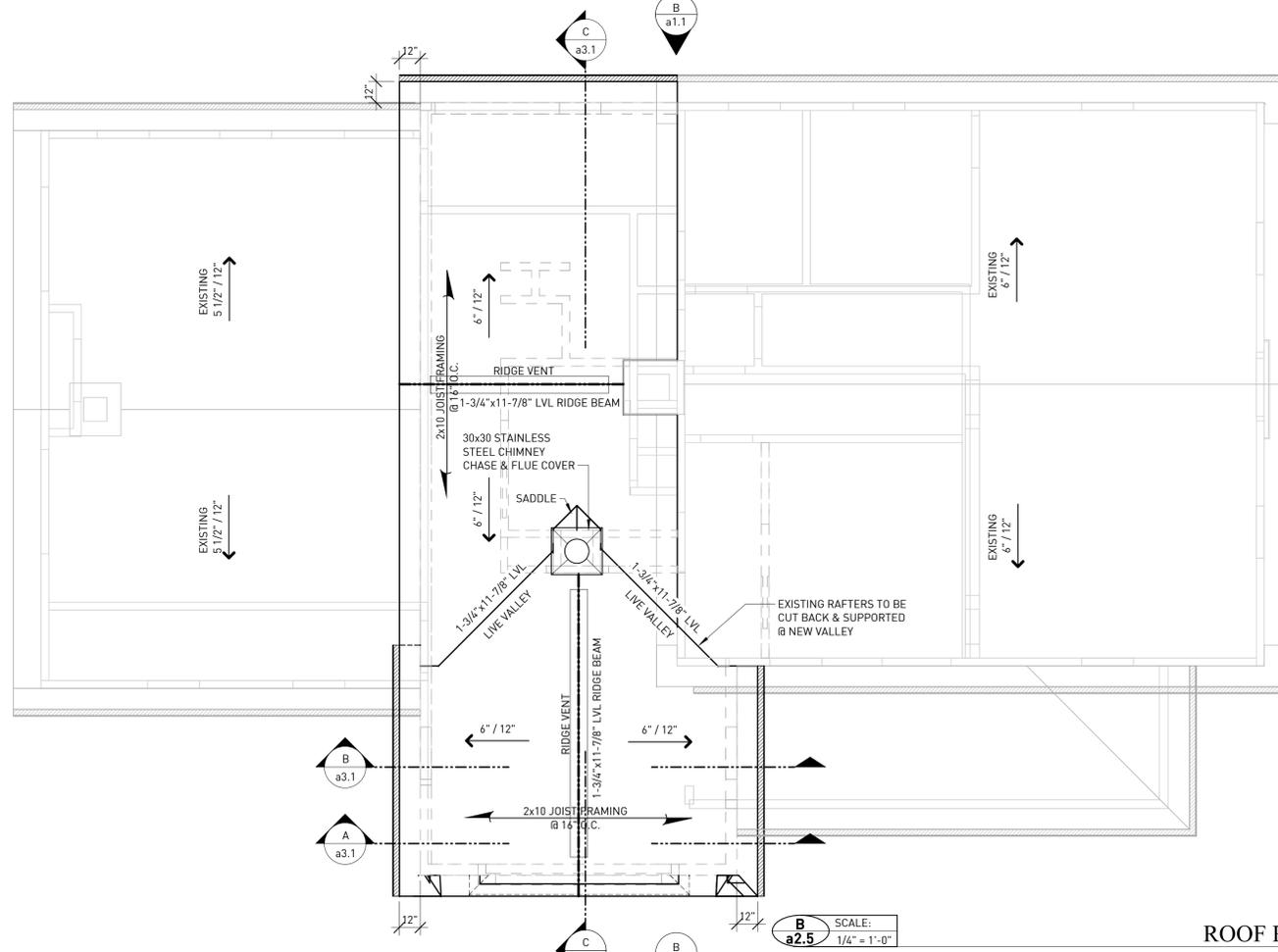
1. PROVIDE BATHROOM EXHAUST FANS WITH A MINIMUM VENTILATION RATE OF 75 CFM. EXHAUST FANS TO BE VENTED DIRECTLY TO THE OUTSIDE (COMPLY W/ RCO R303.3).
2. INTERCONNECTED SMOKE DETECTORS TO BE INSTALLED IN EACH SLEEPING ROOM AND OUTSIDE EACH SLEEPING AREA AND ON EACH ADDITIONAL STORY. SMOKE DETECTOR'S PRIMARY WIRING SHALL BE BUILDING POWER WITH BATTERY BACKUP. (COMPLY W/ RCO R313.11).
3. LIGHT FIXTURES IN CLOSETS (INCANDESCENT AND FLUORESCENT) SHALL BE ENCLOSED (COMPLY W/ RCO).

### POWER SYMBOLS

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE
	G.F.C.I. DUPLEX RECEPTACLE
	SINGLE POLE SWITCH
	3-WAY POLE SWITCH
	DATA/TV JACK
	EXHAUST FAN TO EXTERIOR OF HOUSE (OPTIONAL LIGHT VERIFY W/ OWNER)
	SMOKE DETECTOR INTER CONNECTED & CO2 DETECTOR
	SMOKE DETECTOR

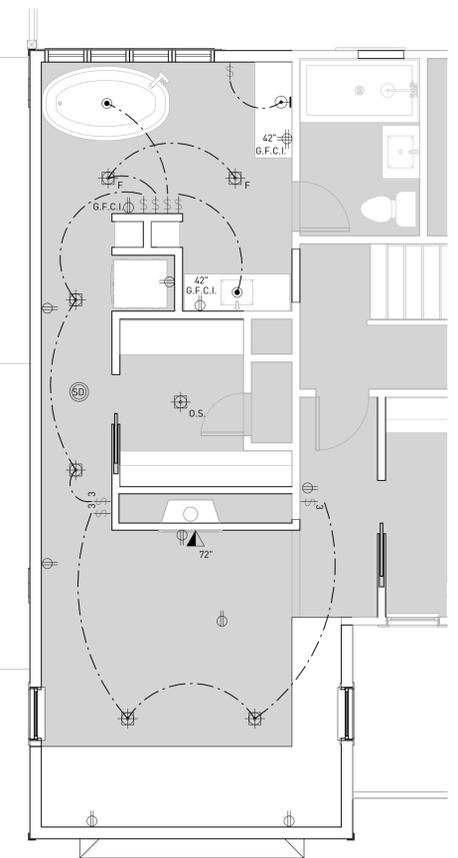
### LIGHTING SYMBOLS

SYMBOL	DESCRIPTION
	6\"/>
	6\"/>
	PENDANT LIGHT FIXTURE
	CEILING MOUNTED LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	CEILING FAN/LIGHT

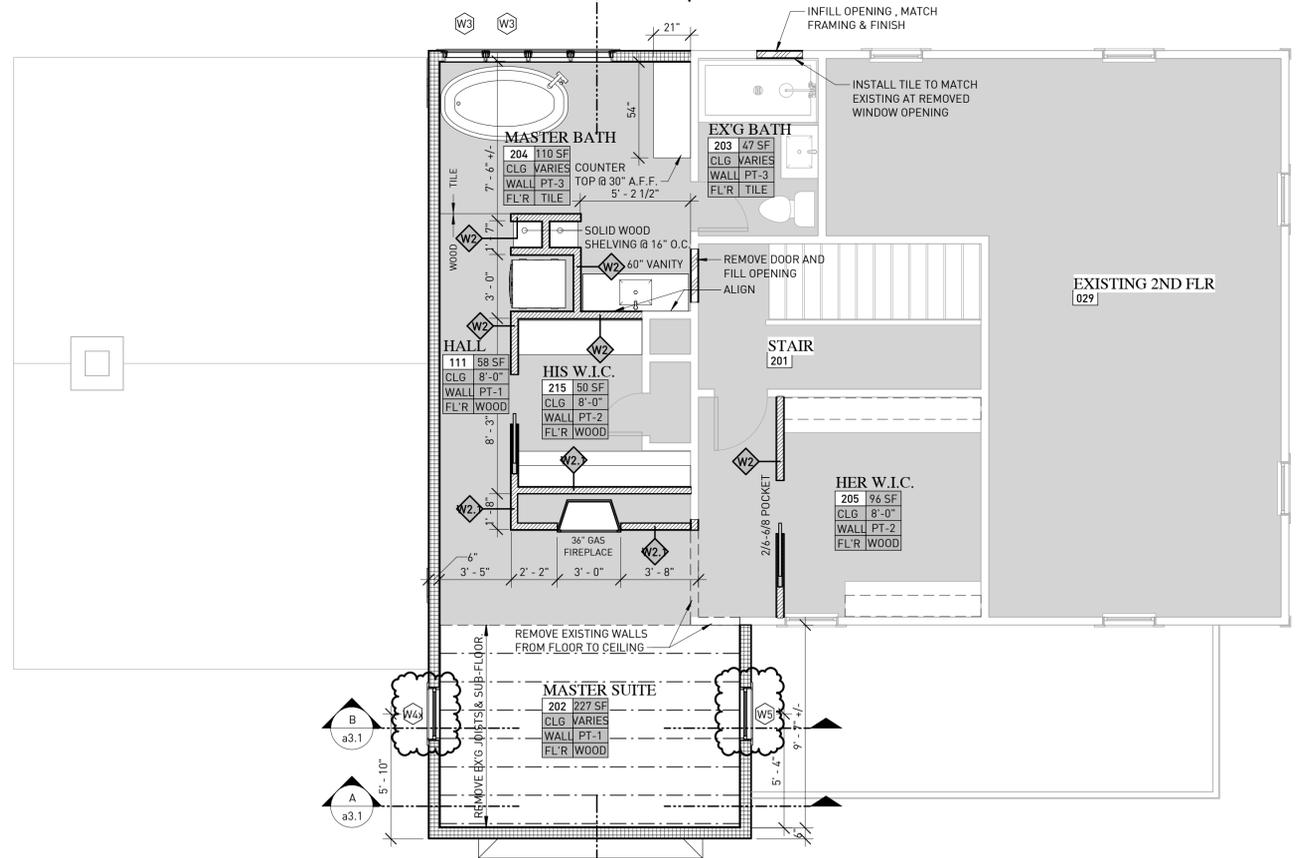


- ### ROOF NOTES:
1. DO NOT SCALE DRAWINGS. IF ANY DISCREPANCIES ARISE PLEASE CONTACT THE PROJECT MANAGER AND DESIGNER.
  2. STRUCTURAL FRAMING MEMBERS TO BE SPF #2
  3. ALL TRUSSES TO BE PRE-ENGINEERED BY TRUSS MFG. (SEE TRUSS SECTIONS IF APPLICABLE).
  4. CALCULATE ALL TRUSSES TO MAINTAIN NOTED SOFFIT HEIGHTS AND OVERHANG DIMENSIONS.
  5. TYPICAL EXTERIOR OR BEARING HEADER IS 3 - 2 x 10's @ 2 x 6 WALLS AND 2 - 2 x 10's @ 2 x 4 WALLS, UNLESS NOTED OTHERWISE
  6. ALL INTERIOR NON-BEARING HEADERS LESS THAN 4'-0" SPAN TO BE TWO 2 x 4's EXCEPT AS NOTED.
  7. TYP. SOLID FRAMING POSTS TO BE MIN. OF 3 - 2 x 4's EXCEPT AS NOTED BY TRUSS MFG.
  8. TRUSS CLIPS, HANGERS, AND STRUCTURAL CONNECTIONS FOR TRUSS SYSTEM TO BE SPECIFIED BY THE TRUSS MANUFACTURER ON SEALED TRUSS ENGINEERING PLANS.
  9. ALL ENGINEERED BEAMS ARE DESIGNED WITH LOADS AS FOLLOWS:  
ROOF LOAD 20 PSF LIVE LOAD  
20 PSF DEAD LOAD
  10. PROVIDE PROPER THICKNESS AND SPANS OF SHEATHING FOR ROOFS AND SUBFLOORS (COMPLY W/ RCO R503).
  11. ROOF VENTS TO MEET 1:150 VENT AREA RATIO (COMPLY W/ RCO R806).
  12. AN ATTIC ACCESS (22" x 30" MIN.) SHALL BE PROVIDED TO ANY ATTIC HAVING 30" OF CLEAR HEIGHT (COMPLY W/ RCO R807).
  13. ALL BEAMS TO BE 1.9E UNLESS OTHERWISE NOTED.

ROOF PLAN



SECOND LEVEL ELECTRICAL



SECOND LEVEL PLAN

### WALL TYPE LEGEND

NO.	WALL TYPE DESCRIPTION	WALL HATCH
1	INTERIOR 2x4 WALL : 5" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATIONTYPE 1.1: GYP. BD ON ONE SIDE ONLY	
2	INTERIOR 2x6 WALL : 5" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C.	
3	INTERIOR 2x6 WALL : 5" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATIONTYPE 3.1: GYP. BD ON ONE SIDE ONLY	
4	EXTERIOR 2x4 WALL : 5/8" OSB BOARD ON EXTERIOR SIDE OF 2x4 WD. STUDS @ 16" O.C. W/ 7/8" GYP. BOARD ON INTERIOR SIDE W/ R-15 INSULATION	
5	EXTERIOR 2x6 WALL : 5/8" OSB BOARD ON EXTERIOR SIDE OF 2x6 WD. STUDS @ 16" O.C. W/ 7/8" GYP. BOARD ON INTERIOR SIDE W/ R-15 INSULATION	

PROJECT DESIGNER:  
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architecture

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PROJECT CONTRACTOR:  
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HUDSON, OH 44236  
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PROJECT LOCATION:  
258 N Main St  
Hudson, OH  
44236

Residential Renovation for:  
**ALAIR HOMES - THE FORSYTHS**

PRINT RECORD:

No.	Description	Date
1	CD REV	10/22/2023
2	JARB REV	04/09/2024

JOB No.  
SECOND LEVEL AND ROOF PLAN

- RELEASED FOR CONSTRUCTION
- NOT RELEASED FOR CONSTRUCTION

**a2.5**







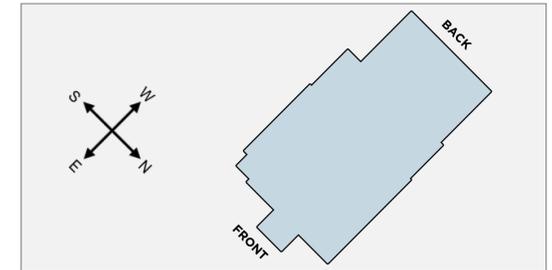
OHIO  
**HUDSON**  
COMMUNITY DEVELOPMENT  
DEPARTMENT

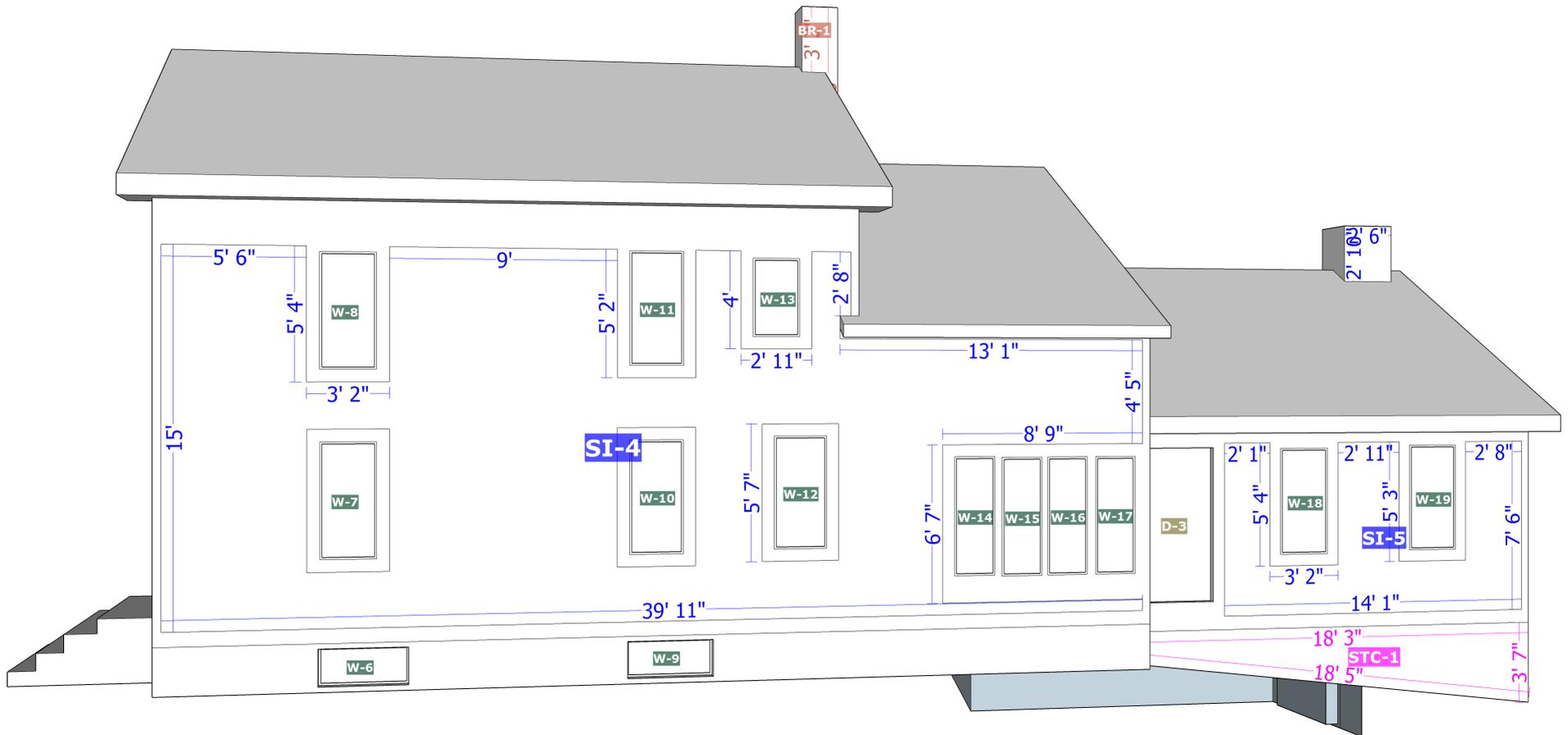
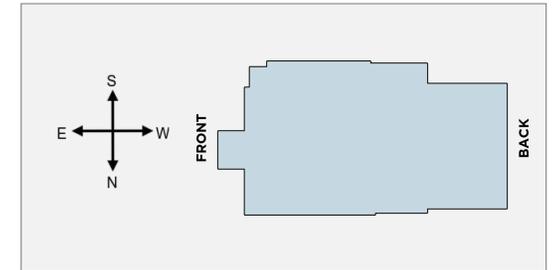
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*Reviewed by Nick Sugar  
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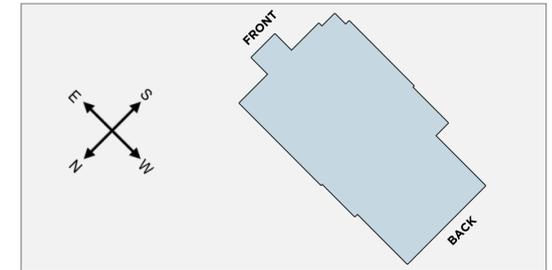






Approved

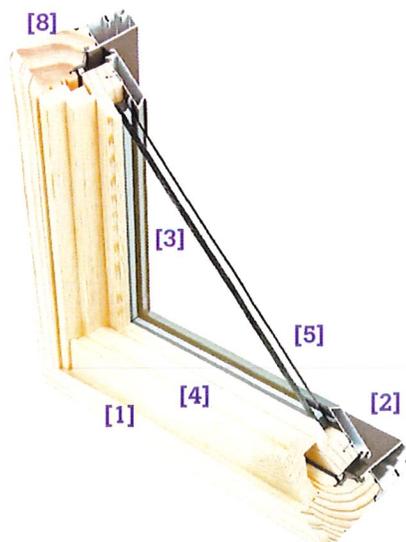
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# Pinnacle Clad Impact Casement & Awning

## Features and Benefits

- [1] The warmth and beauty of Clear Select Pine; can be painted or stained
- [2] Clad units offer a strong, durable extruded aluminum sash and frame for low maintenance; primed units offer the traditional appearance of decorative trim
- [3] Glass is replaceable in case of damage
- [4] 2" thick sash adds beauty and increases insulating value
- [5] Exterior tape glazing slows conduction of heat/cold through edge of glass; two beads of silicone ensure a water tight seal that creates three seals between glass and sash
- [6] Single lever, sequential, multi-point lock for sleek look and easy operation
- [7] Adjustable concealed hinge system ensures smooth operation
- [8] 1-1/4" jamb creates unmatched strength and stability
- [9] Silicone-injected frame corners create a stronger and more attractive joint
- [10] Certified against hurricane blasts: Laminated glass allows unit to crack instead of shatter when under great pressure
- [11] Meets and exceeds building codes for extreme coastal environment conditions
- [12] Laminated glass dampens sounds from traffic, neighbors and the outdoors
- [13] Preserve protective film standard



## Sizes

Available in hundreds of standard and custom sizes

## Glazing

- Glazed with tape and Dow Corning® 955 silicone sealant – the strongest silicone bonding agent available
- Cardinal SeaStorm® LoE 366 insulated glass standard, featuring stainless steel spacers; tinted, tempered and laminated glass available
- Custom and special glass types available
- Insulated glass utilizes annealed glass on exterior and laminated glass on interior
- Laminated glass features PVB inner layer on operating units and SGP inner layer on fixed units

## Exterior Trim

- Clad windows available with WM 180 brickmould, Williamsburg or 3-1/2" flat casing; 3/8", 1-1/4" and 2-1/4" subsill available

## Grilles

*Windsor Divided Lite (WDL) = simulated divided lite*

- 7/8" and 1-1/4" Perimeter Grille (*NOT available on radius casements*)
- 7/8" and 1-1/4" Stick Grille
- 3/4" and 1" Profiled Inner Grille
- 13/16" Flat Inner Grille
- 7/8" and 1-1/4" Ogee WDL
- 5/8", 7/8", 1-1/4" and 2" Tall and Short Putty WDL
- 5/8", 7/8", 1-1/4" and 2" Tall and Short Contemporary WDL
- 2" Simulated Check Rail
- Standard and custom grille patterns available

## Finishes

- Interior – Clad windows available in Clear Select Pine, primed, painted white or painted black interior finishes
- Exterior – Clad windows feature heavy-duty extruded aluminum cladding on sash and frame

## Clad Colors

All clad colors painted in-house with the highly durable AAMA 2604 standard finish, or upgrade to AAMA 2605 for the most challenging of environments

- 23 Standard Clad Colors available in 2604 and 2605 finish
- 20 Feature Clad Colors available in 2604 and 2605 finish (Custom color matching is also available)
- 7 Matte Clad Colors available in the 2604 finish only
- 8 anodized finishes

## Hardware

- Encore folding nesting crank and cover by Truth® available in champagne, white, bronze and black; optional finishes in faux bronze, oil rubbed bronze, satin nickel and bright brass
- Units come standard with Seacoast upgraded hinges and locking hardware

## Performance Ratings

For current performance ratings, visit our website at [windsorwindows.com](http://windsorwindows.com) and click on "Professional Information" in the menu bar



# Aerial photo - 1970

