

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		

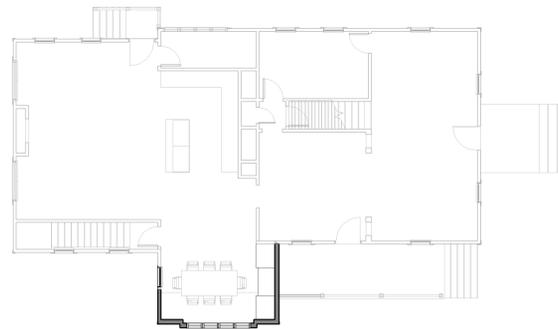


APPLICATION INFORMATION					
PROJECT LOCATION:	HUDSON, OHIO 44236				
TYPE OF IMPROVEMENT:	NEW BUILD	ADDITION	ALTERATION	CHANGE OF USE	OTHER
TYPE OF USE:	SINGLE FAMILY	DUPLEX	MULTI-FAMILY	# UNITS	COMMERCIAL
	INDUSTRIAL	DECK	POOL	GARAGE	SHED
USE GROUP:	A-1 A-2 A-3 A-4 A-5 B E F-1 F-2 H-1 H-2 H-3 H-4 H-5				
	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

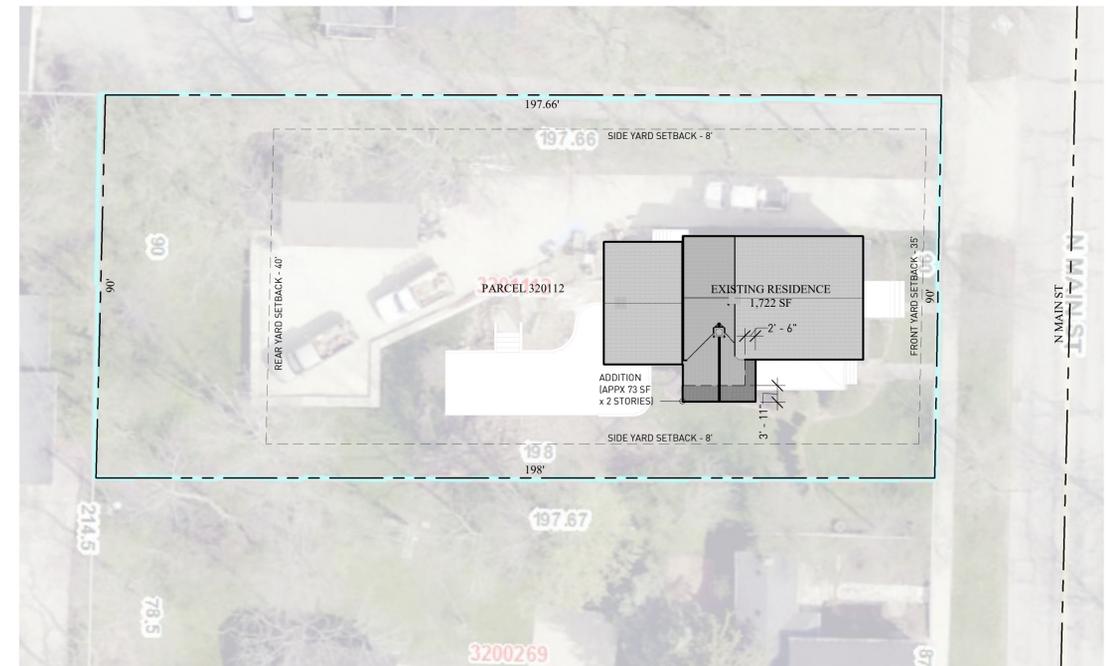
SHEET No. DESCRIPTION

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



MAIN LEVEL KEY PLAN

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



SITE PLAN

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



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PROJECT CONTRACTOR:



PROJECT LOCATION:
258 N Main St
Hudson, OH
44236

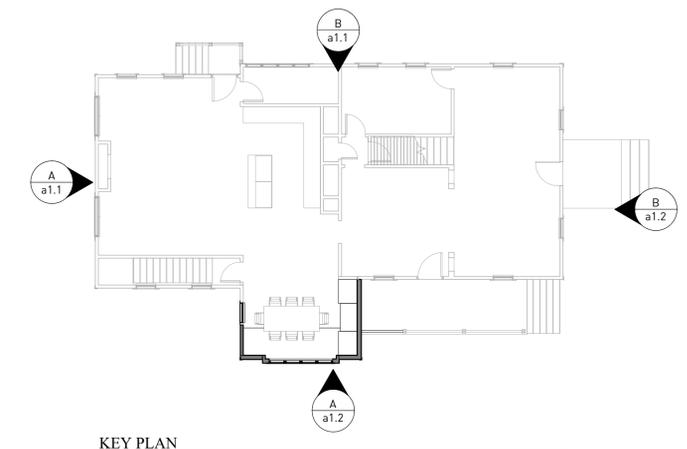
Residential Renovation for:
ALAIR HOMES - THE FORSYTHS

PRINT RECORD:
No. Description Date
1 CD REV 09/22/2020

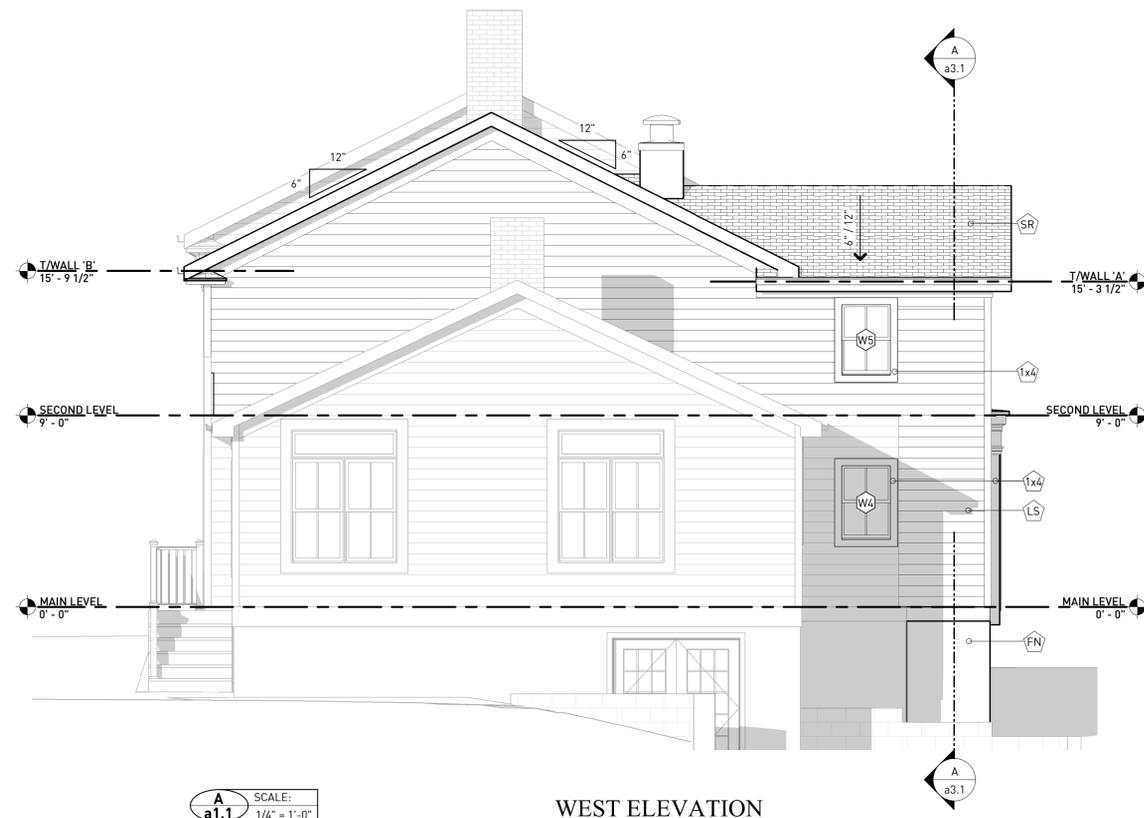
JOB No.
TITLE SHEET

RELEASED FOR CONSTRUCTION
 NOT RELEASED FOR CONSTRUCTION

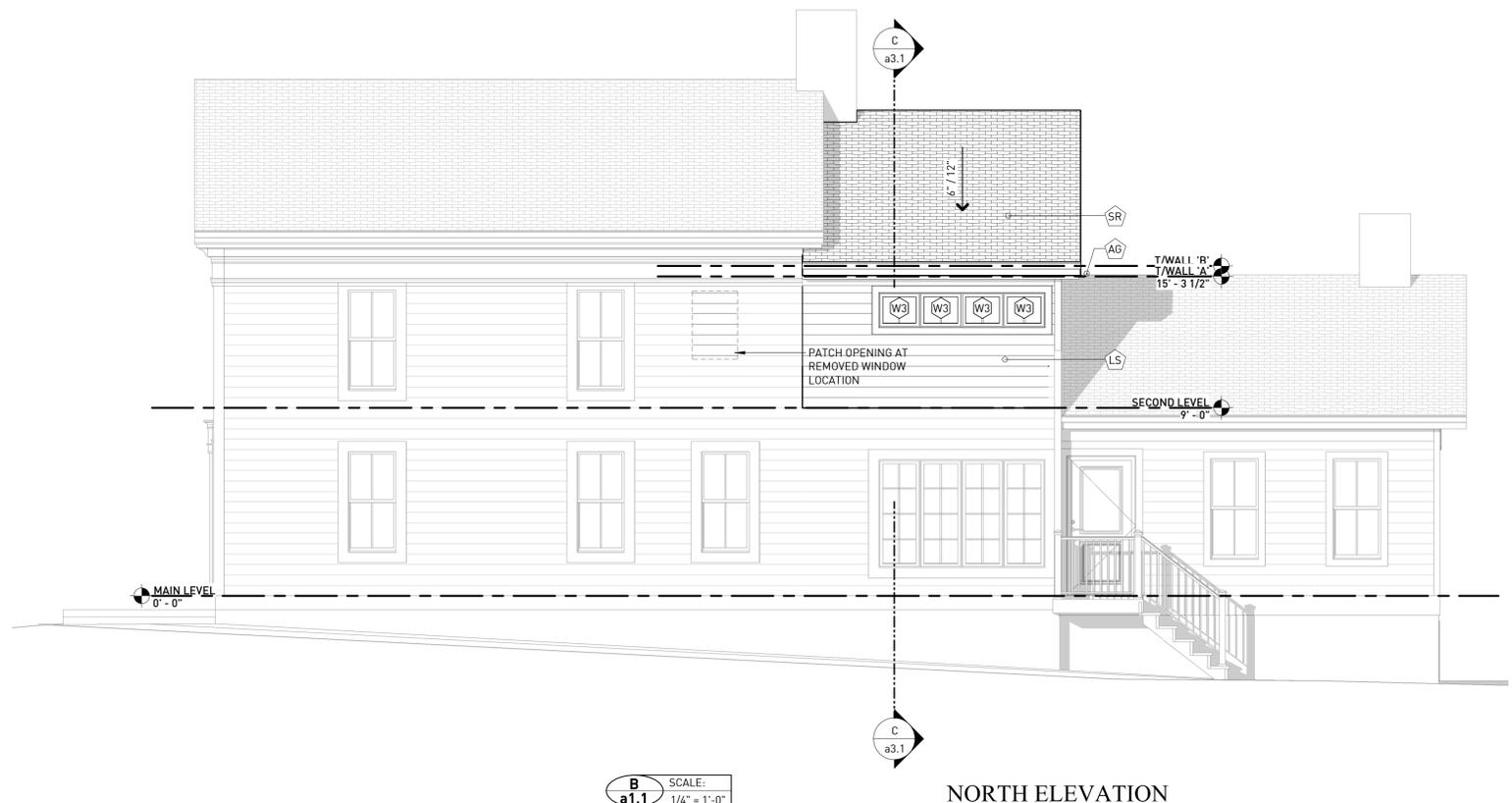




KEY PLAN



WEST ELEVATION



NORTH ELEVATION

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

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

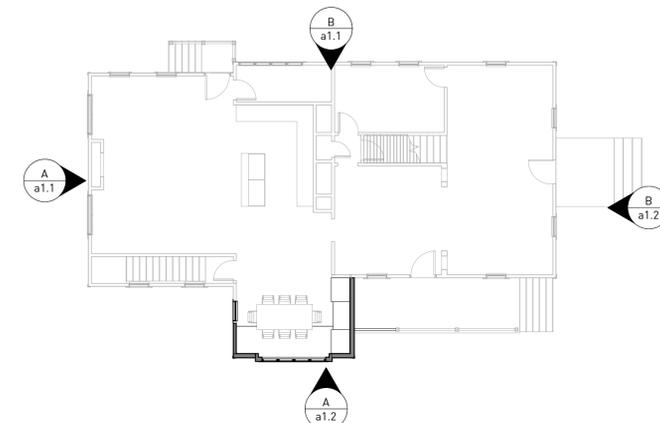
WINDOW SCHEDULE									
TYPE	TYPE	NOM. HEIGHT	NOM. WIDTH	LEVEL	SILL Ht.	HEAD Ht.	HEADER	TEMP. GLASS	COMMENTS
W1	CASEMENT	5'-0"	2'-0"	MAIN LEVEL	1'-8"	6'-8"	H-1		MULLED w/ OTHER 'W1's
W1	CASEMENT	5'-0"	2'-0"	MAIN LEVEL	1'-8"	6'-8"	H-1		MULLED w/ OTHER 'W1's
W1	CASEMENT	5'-0"	2'-0"	MAIN LEVEL	1'-8"	6'-8"	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	1'-8"	2'-0"	SECOND LEVEL	3'-10"	5'-6"	H-2		MULLED w/ [3] OTHER 'W3's
W3	CASEMENT	1'-8"	2'-0"	SECOND LEVEL	3'-10"	5'-6"	H-2		MULLED w/ [3] OTHER 'W3's
W3	CASEMENT	1'-8"	2'-0"	SECOND LEVEL	3'-10"	5'-6"	H-2		MULLED w/ [3] OTHER 'W3's
W3	CASEMENT	1'-8"	2'-0"	SECOND LEVEL	3'-10"	5'-6"	H-2		MULLED w/ [3] OTHER 'W3's
W4	DOUBLE HUNG	3'-7"	2'-6"	MAIN LEVEL	3'-2"	6'-9"	H-1		
W5	DOUBLE HUNG	3'-5"	2'-6"	SECOND LEVEL	1'-11"	5'-4"	H-1		
W5	DOUBLE HUNG	3'-5"	2'-6"	SECOND LEVEL	1'-11"	5'-4"	H-1		

ELEVATION NOTES

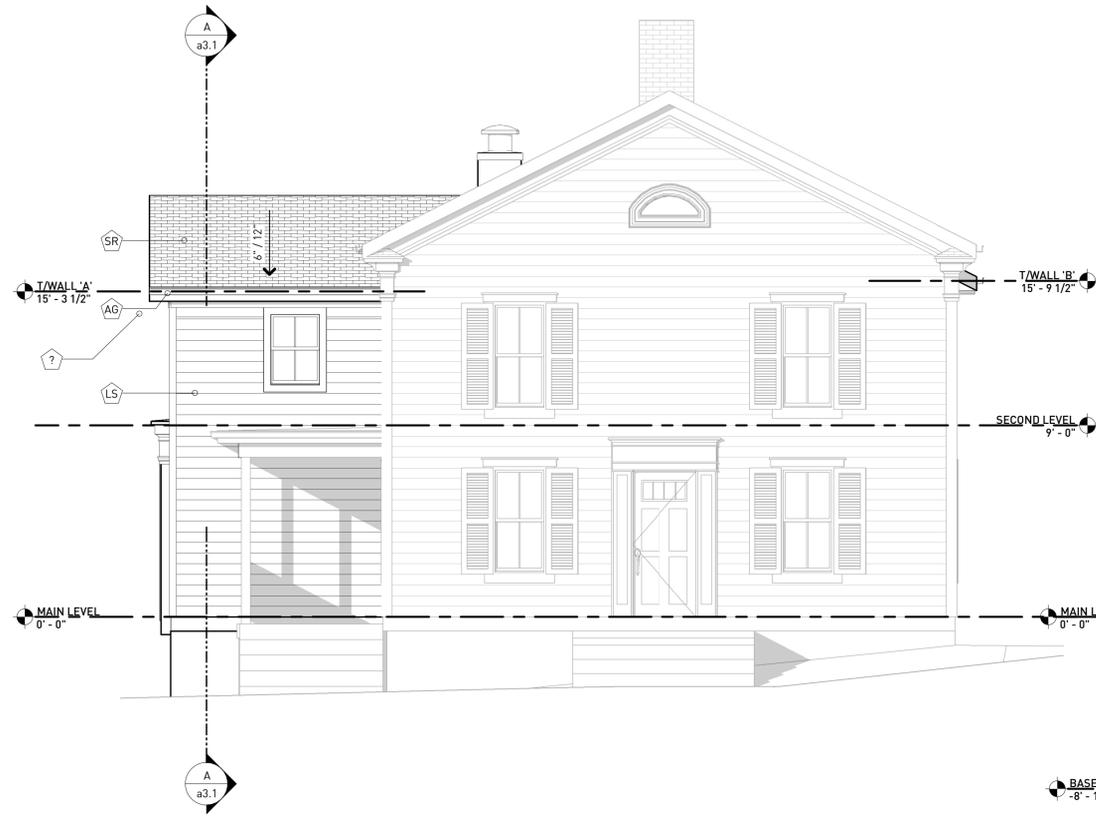
- 1. STUCCO SHALL BE INSTALLED WITH MINIMUM .019" (No.26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP CREED WITH MINIMUM BELOW THE FOUNDATION PLATE LINE ON THE EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4" ABOVE VERTICAL ATTACHMENT 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

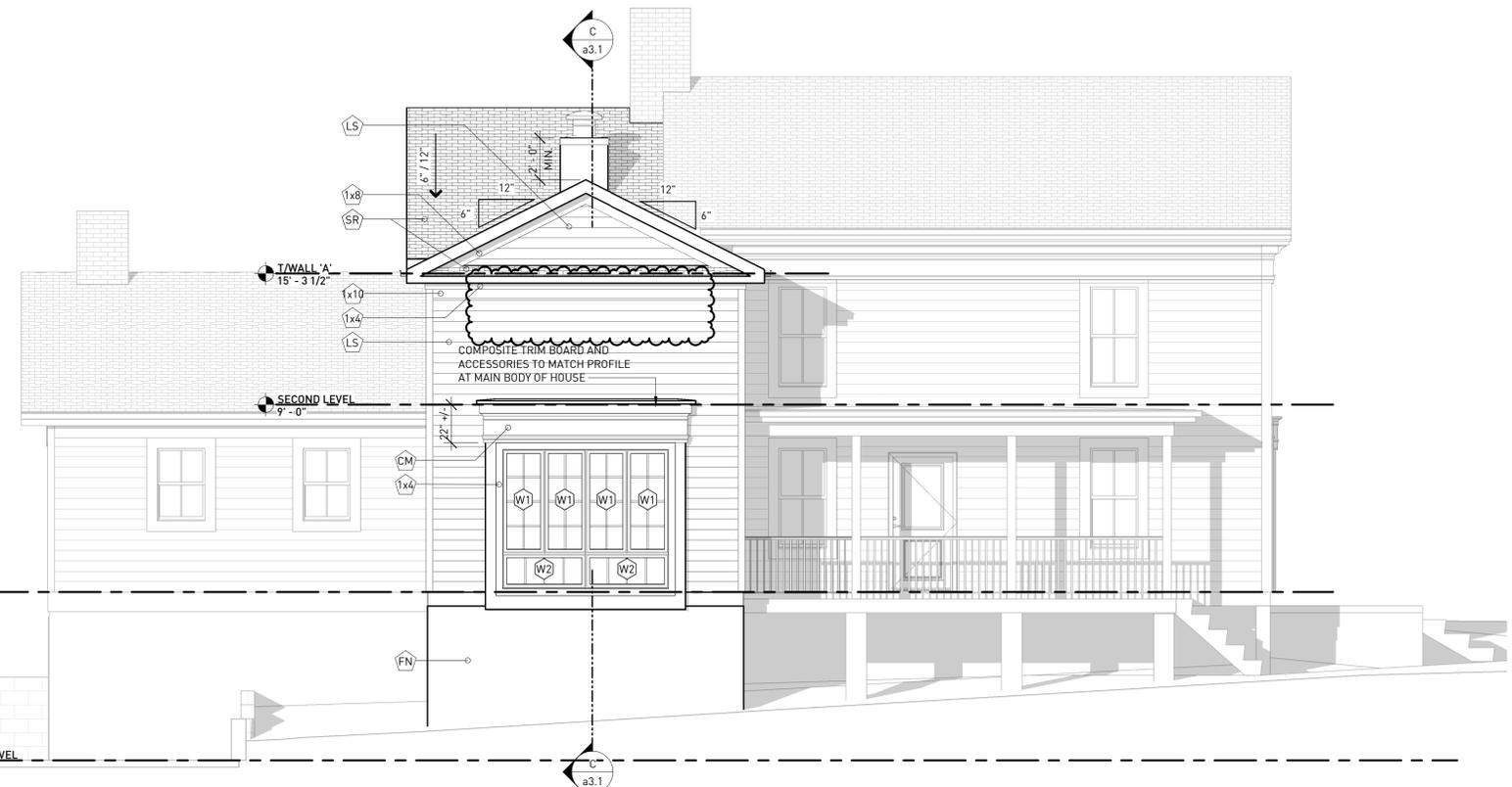


KEY PLAN



EAST ELEVATION

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



SOUTH ELEVATION

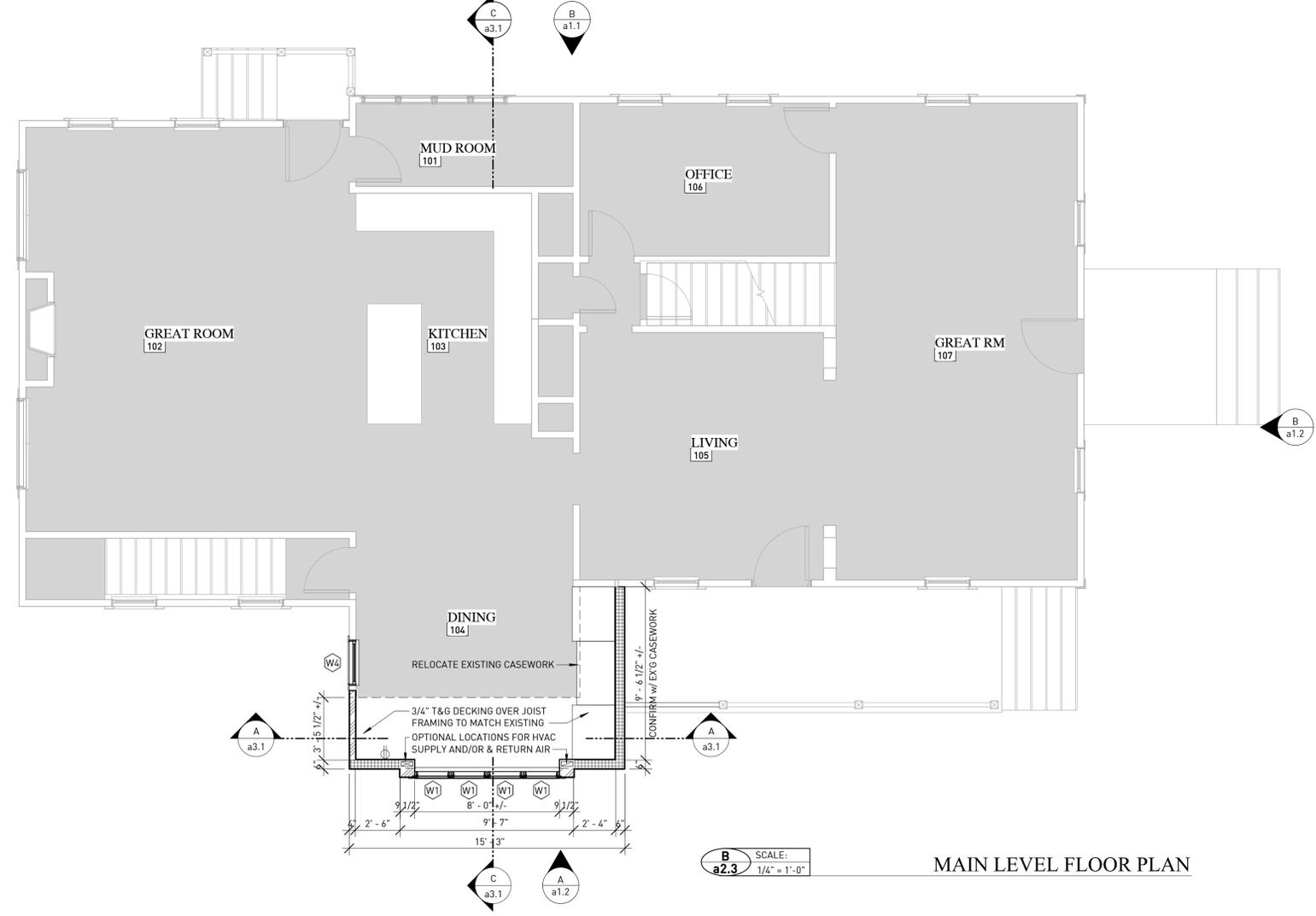
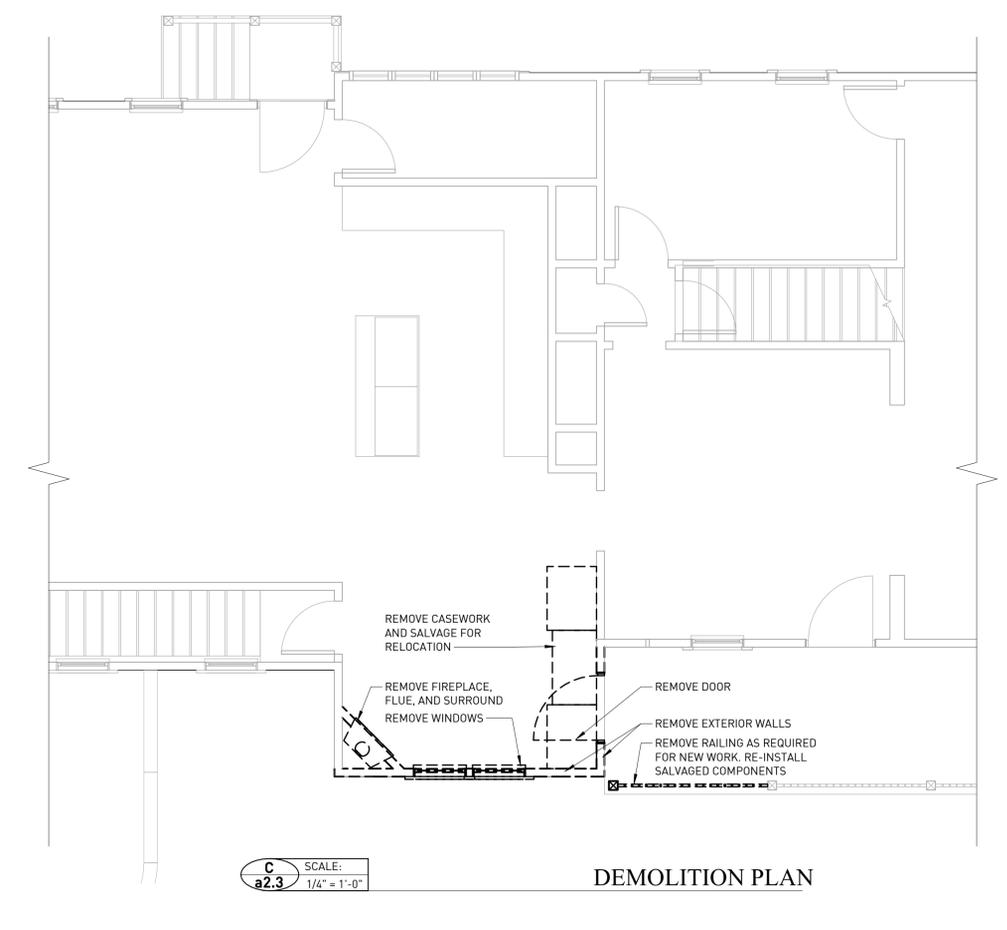
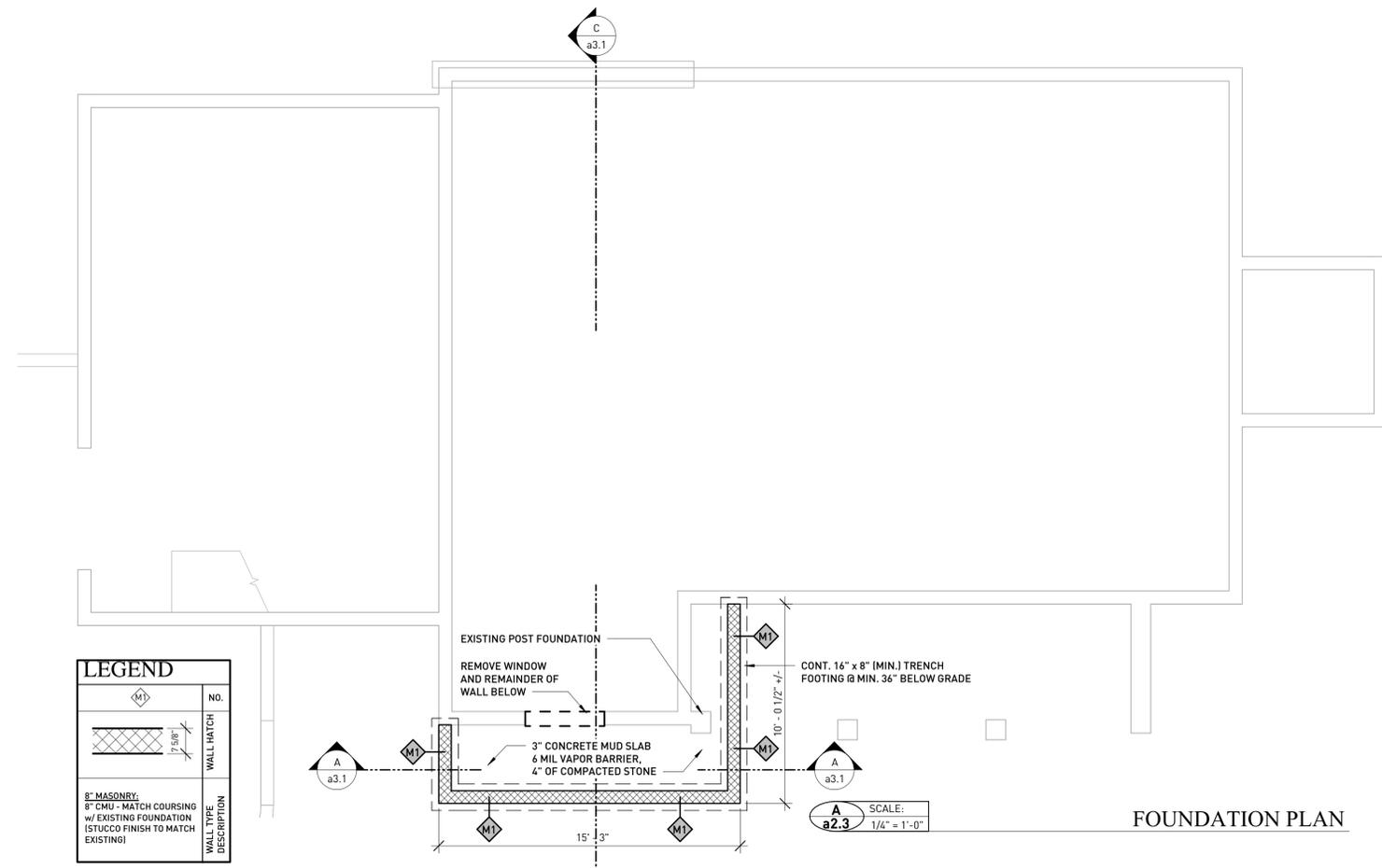
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- 2 ELEVATIONS SHOWN GRAPHICALLY INDICATE BASEMENT FOUNDATION CONDITIONS.
- 3 ALL ROOF SADDLES TO BE PLYWOOD SHEATHED W/ BUILDING PAPER AND SHINGLES.
- 4 CONTINUOUS RIDGE VENTS TO BE BAFFLED TO PREVENT BACK FLOW
- 5 ALL EXTERIOR WOOD TO BE PRIMED BEFORE 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
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			X6	1 X 6 BD.COMPOSITE OR EQUAL COLOR TO MATCH WINDOWS SASH



FOUNDATION NOTES	HEADERS
1. DO NOT SCALE DRAWINGS. IF ANY DISCREPANCIES ARISE PLEASE CONTACT THE PROJECT MANAGER AND DESIGNER.	[H-1] (3) 2x10's x 1" RIGID FOAM
2. CONCRETE AND MASONRY FOUNDATION WALLS TO COMPLY W/ SECT 404 IN THE RCD.	[H-2] (3) 2x12's x 1" RIGID FOAM
3. CONCRETE TO BE A MIN. 3000 PSI COMPRESSIVE STRENGTH.	
4. FOOTING DESIGN ASSUMES A SOIL-BEARING CAPACITY OF 1,500 PSF.	
5. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL (36" BELOW FINISH GRADE (MIN.))	
6. REFERENCE FLOOR PLANS FOR PLUMBING LOCATIONS	

STRUCTURAL NOTES	
1. THESE REQUIREMENTS MAY BE SUPERCEDED BY MORE STRINGENT INFORMATION CONTAINED WITHIN THE DRAWINGS. THE MORE STRINGENT SHALL BE FOLLOWED.	5. FASTENERS FOR PRESSURE TREATED OR FIRE-RETARDANT WOOD SHALL BE HOT-DIPPED GALVANIZED STEEL, STAINLESS STEEL, OR COPPER
2. 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 LINE OF STRUCTURE WHEN WATERABLE FOUND ABOVE. NOTIFY ENGINEER OF RECORD IMMEDIATELY.	6. 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 4'-0". ANCHORS SHALL BE PLACED WITHIN 12-INCHES FROM EACH END OF EACH PLATE.
3. 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.	7. 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.
4. 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.	8. ALL REINFORCING STEEL (REBAR OR BAR) SHALL CONFORM TO ASTM A-615, GRADE 60 (60,000 psi) 9. MAXIMUM SLUMP OF 5-INCHES 10. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 318-05

WALL TYPE LEGEND					NO.
[Hatch]	[Hatch]	[Hatch]	[Hatch]	[Hatch]	WALL HATCH
INTERIOR 2x4 WALL : 1 1/2" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATION TYPE 1.1: GYP. BD ON ONE SIDE ONLY	INTERIOR 2x6 WALL : 1 1/2" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. TYPE 2.1: GYP. BD ON ONE SIDE ONLY	INTERIOR 2x6 WALL : 1 1/2" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATION TYPE 3.1: GYP. BD ON ONE SIDE ONLY	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	EXTERIOR 2x6 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-19 INSULATION	WALL TYPE DESCRIPTION

ELECTRICAL NOTES

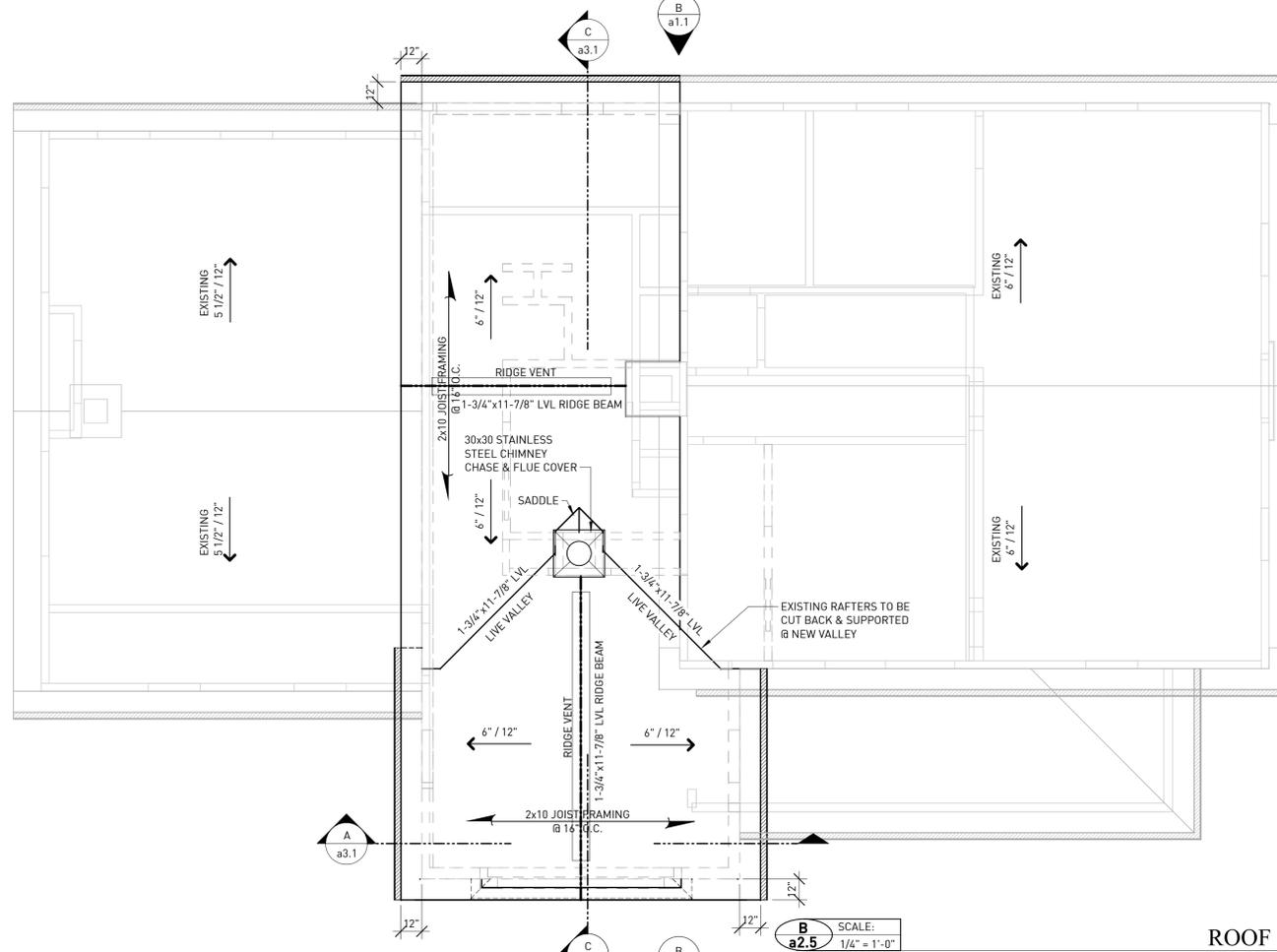
1. PROVIDE BATHROOM EXHAUST FANS WITH A MINIMUM VENTILATION RATE OF 75 CFM. EXHAUST FANS TO BE VENTED DIRECTLY TO THE OUTSIDE (COMPLY W/ RCO R303.3).
2. INTERCONNECTED SMOKE DETECTORS TO BE INSTALLED IN EACH SLEEPING ROOM AND OUTSIDE EACH SLEEPING AREA AND ON EACH ADDITIONAL STORY. SMOKE DETECTOR'S PRIMARY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

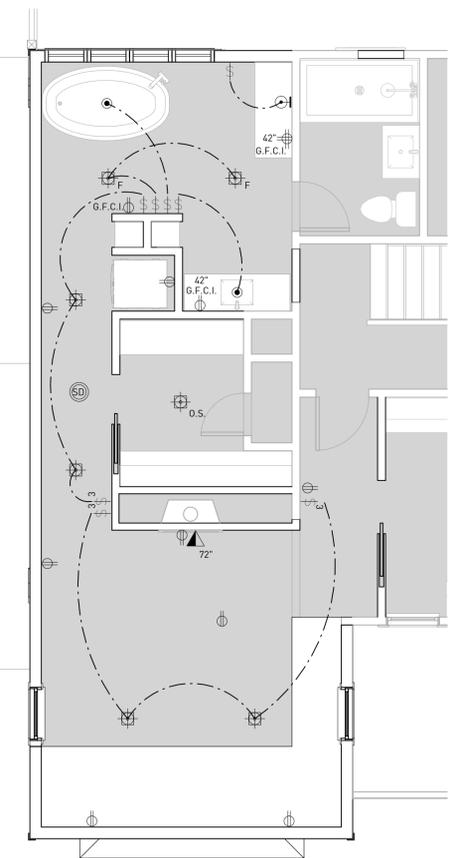
SYMBOL	DESCRIPTION
	6" RECESSED CEILING CAN LED
	6" RECESSED CEILING CAN LED w/ FAN
	PENDANT LIGHT FIXTURE
	CEILING MOUNTED LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	CEILING FAN/LIGHT



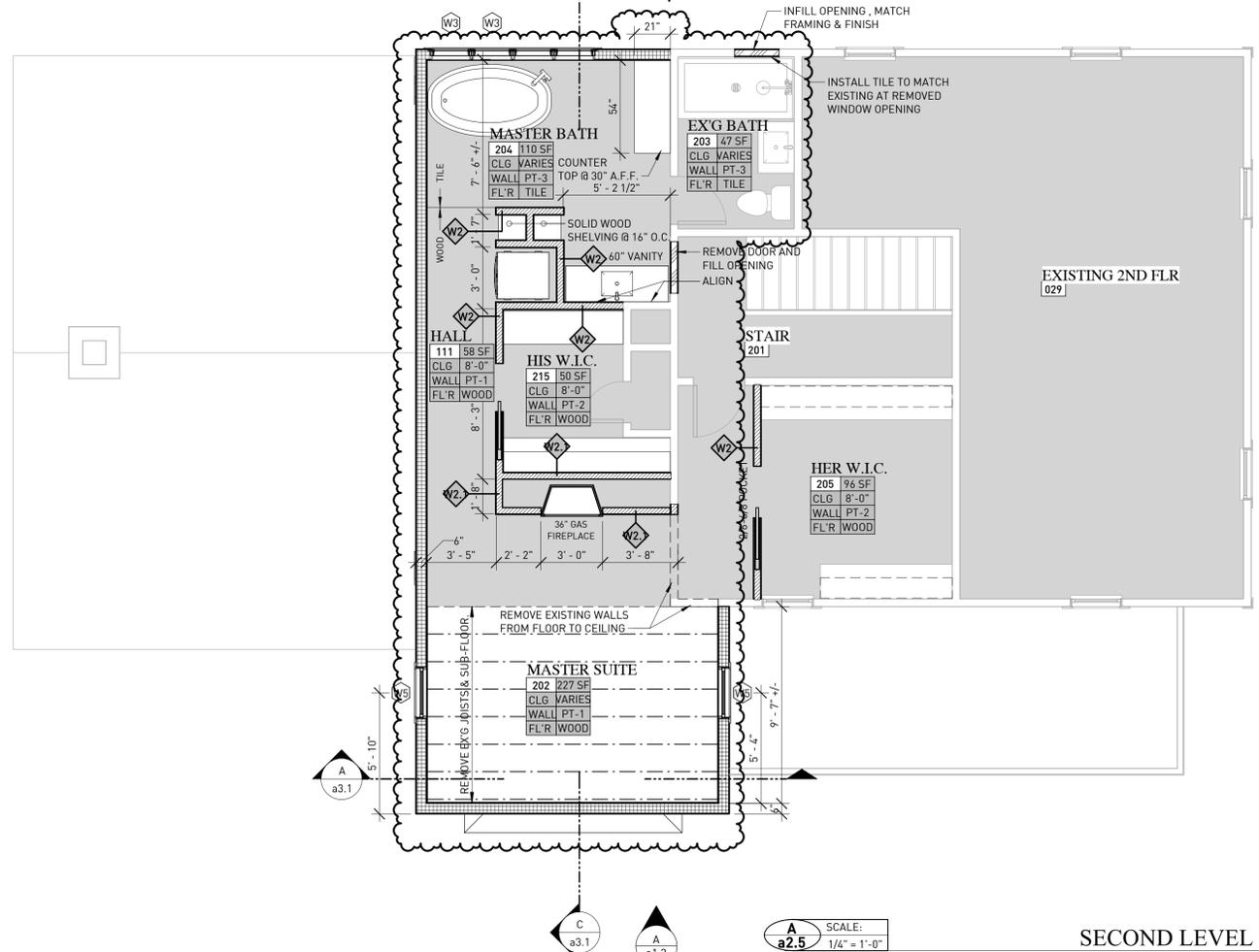
ROOF PLAN

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.



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.L. GYP. BD ON ONE SIDE ONLY	
2	INTERIOR 2x4 WALL : 5" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C.TYPE 2.L. GYP. BD ON ONE SIDE ONLY	
3	INTERIOR 2x6 WALL : 5" GYP. BOARD ON BOTH SIDES OF 2x4 WD. STUDS @ 16" O.C. W/ R-13 SOUND INSULATIONTYPE 3.L. 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 : 1" RS ZIP SHEATHING ON EXTERIOR SIDE OF 2x6 WD. STUDS @ 16" O.C. W/ 7/8" GYP. BOARD ON INTERIOR SIDE W/ R-15 INSULATION	

PROJECT DESIGNER:
PHONE: (330) 267-3152
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PROJECT LOCATION:
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44236

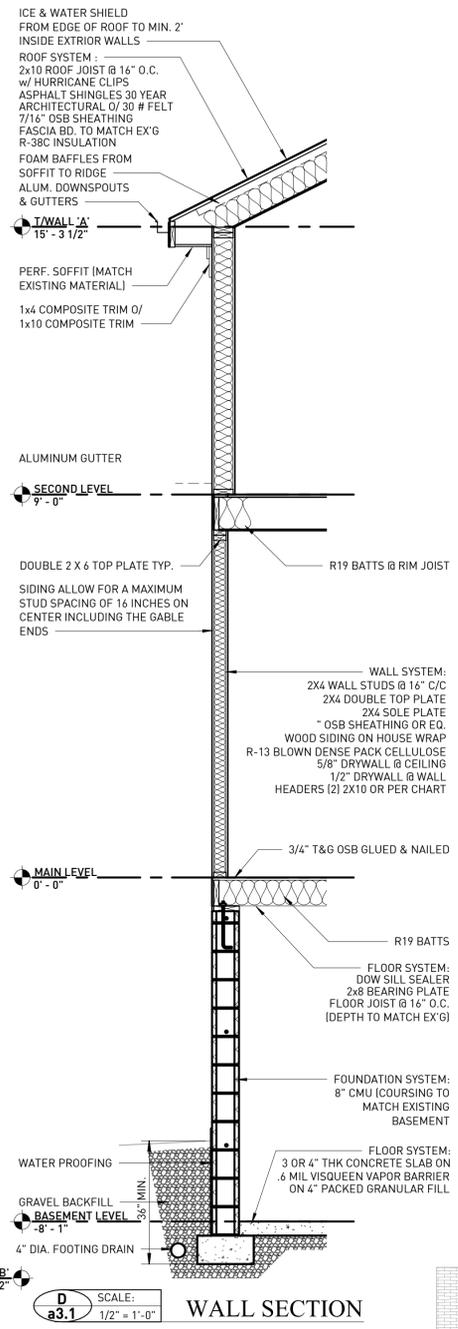
Residential Renovation for:
ALAIR HOMES - THE FORSYTHS

No.	Description	Date
1	CD REV	02/22/2020

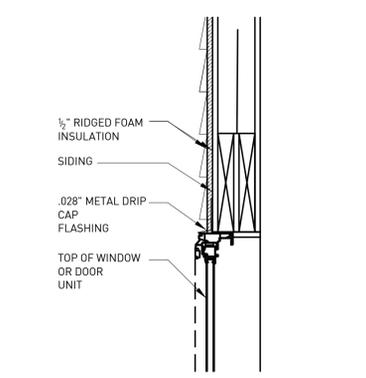
JOB No.
SECOND LEVEL AND ROOF PLAN

- RELEASED FOR CONSTRUCTION
- NOT RELEASED FOR CONSTRUCTION

a2.5



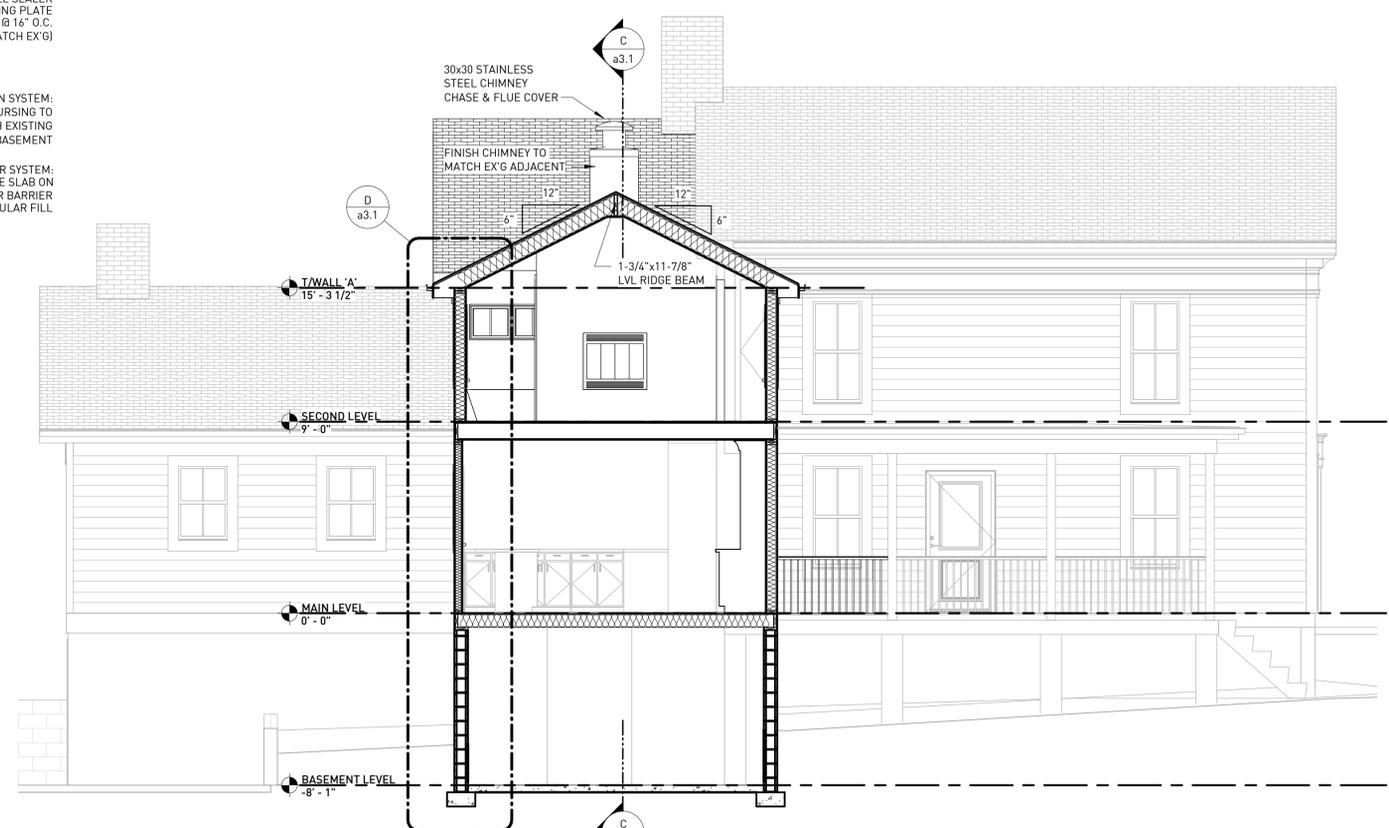
WALL SECTION
 SCALE: 1/2" = 1'-0"



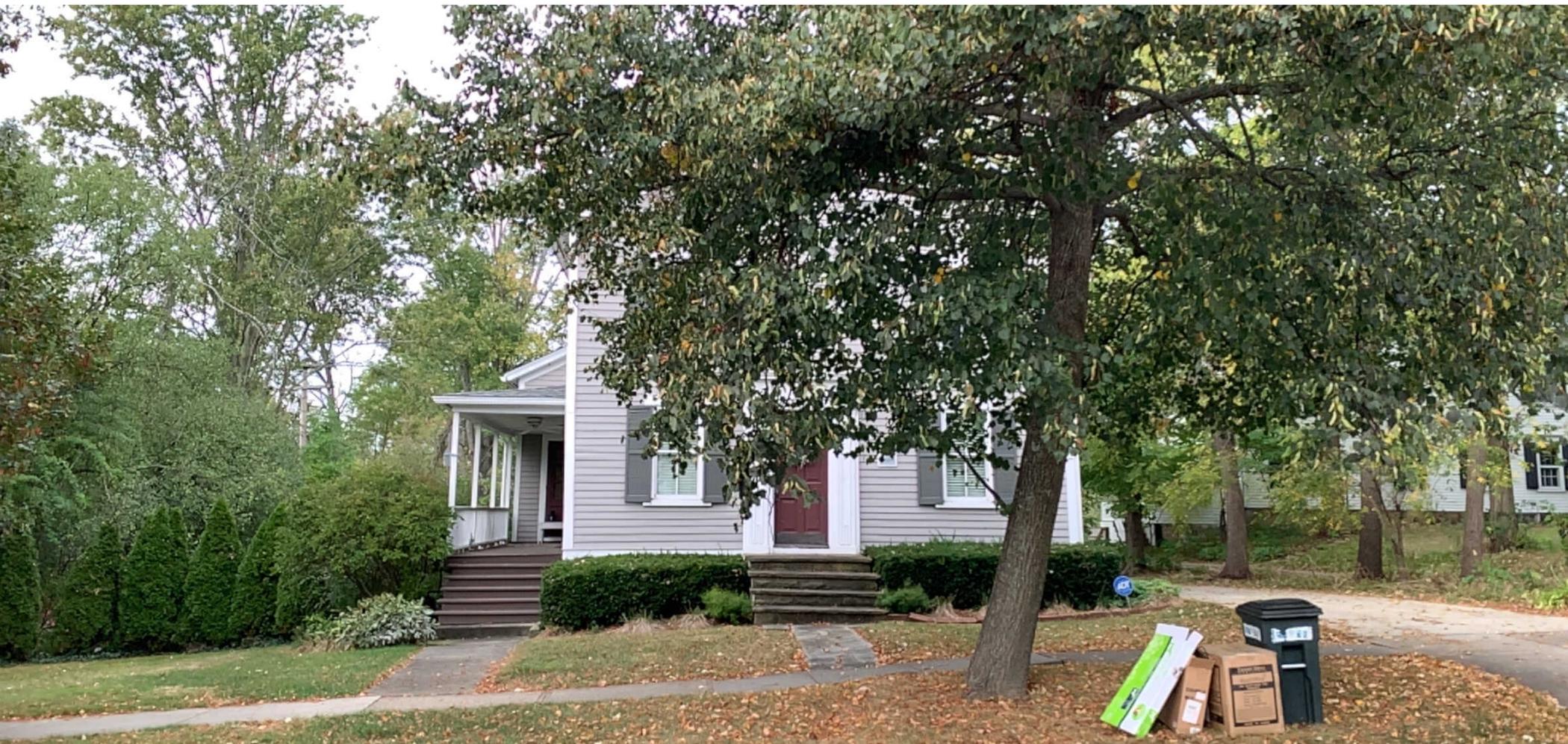
DRIP-CAP DETAIL
 SCALE: 1 1/2" = 1'-0"



N/S BUILDING SECTION
 SCALE: 1/4" = 1'-0"



E/W BUILDING SECTION
 SCALE: 1/4" = 1'-0"



[VIEW 3D MODEL](#)







	Type	Depth	# Facets	Total Length	Total Area
	eave	6" - 12"	5	29' 5"	24 ft ²
	rake	6" - 12"	7	72' 5"	55 ft ²
	eave	12" - 18"	8	104' 1"	118 ft ²
	rake	12" - 18"	4	60' 6"	67 ft ²
	eave	> 48"	1	22' 7"	136 ft ²
	eave	1" - 6"	2	30' 10"	13 ft ²
Totals				319' 11"	413 ft²

