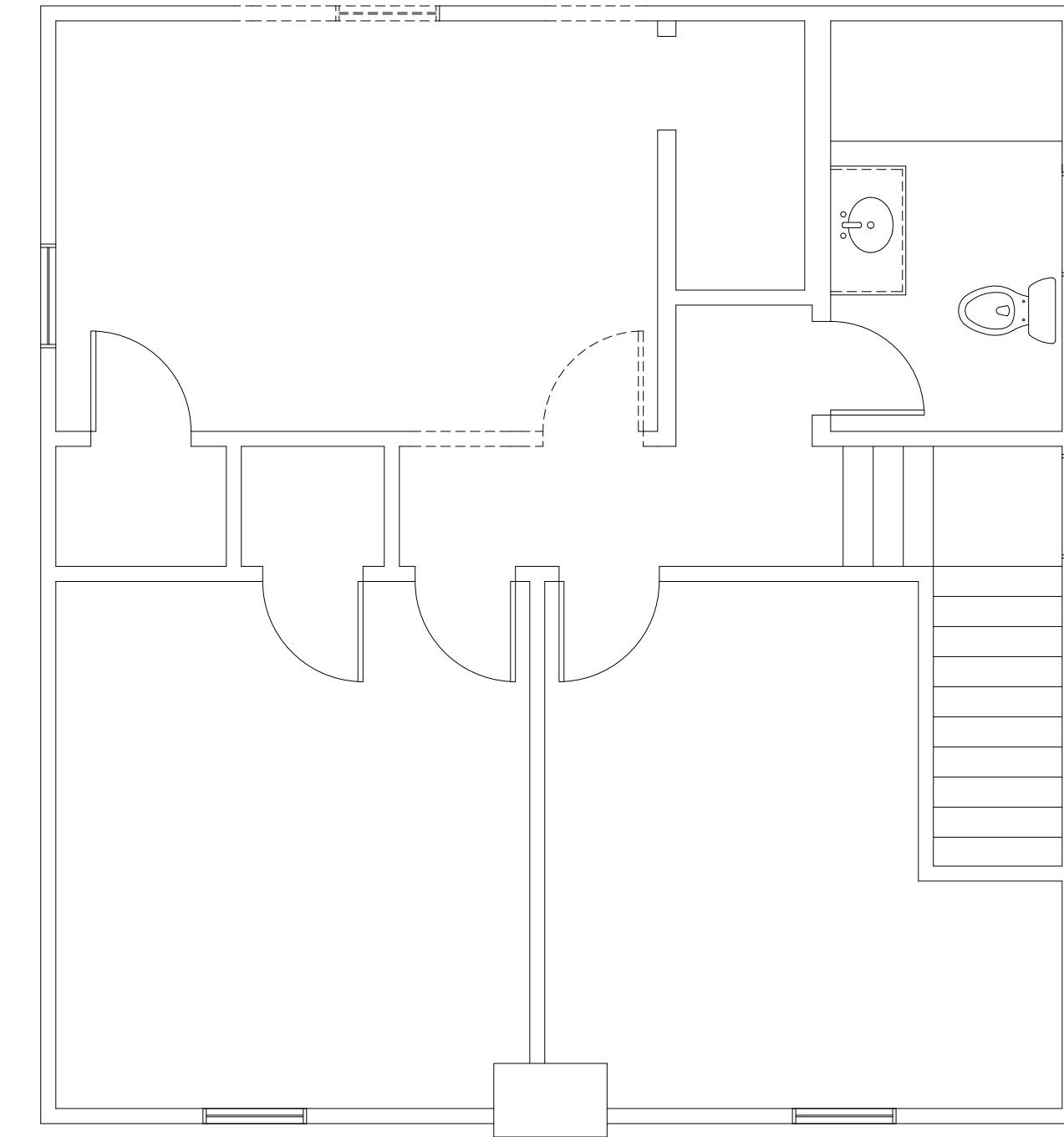


1
D1
FIRST FLOOR DEMO PLAN
SCALE: 1/4"=1'-0"



2
A2
SECOND FLOOR DEMO PLAN
SCALE: 1/4"=1'-0"

DEMO PLAN

JOB # 410123

SCALE:

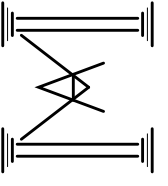
ISSUE DATE: 6-29-2023

SHEET NUMBER

D1



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DETECTOR NOTES

SMOKE DETECTOR

314.1 Smoke detection and notification. All smoke alarms shall be listed in accordance with UL 217 and installed in accordance with the provisions of this code and the household fire warning equipment provisions of NFPA 72.

314.2 Smoke detection systems. Household fire alarm systems installed in accordance with NFPA 72 that include smoke alarms, or a combination of smoke detector and audible notification device installed as required by this section for smoke alarms, shall be permitted. The household fire alarm system shall provide the same level of smoke detection and alarm as required by this section for smoke alarms. Where a household fire warning system is installed using a combination of smoke detector and audible notification device(s), it shall become a permanent fixture of the occupancy and owned by the homeowner. The system shall be maintained in accordance with NFPA 72.

314.3 Location. Smoke alarms shall be installed in the following locations:
 1. In each sleeping room.
 2. Outside each separate sleeping area in the immediate vicinity of the sleeping rooms.

3. On each additional story of the dwelling, including basements and habitable attics but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.
 When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit.

314.4 Power source. Smoke alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source, and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection. Smoke alarms shall be interconnected.

Exceptions:

1. Smoke alarms shall be permitted to be battery operated when installed in buildings without commercial power.

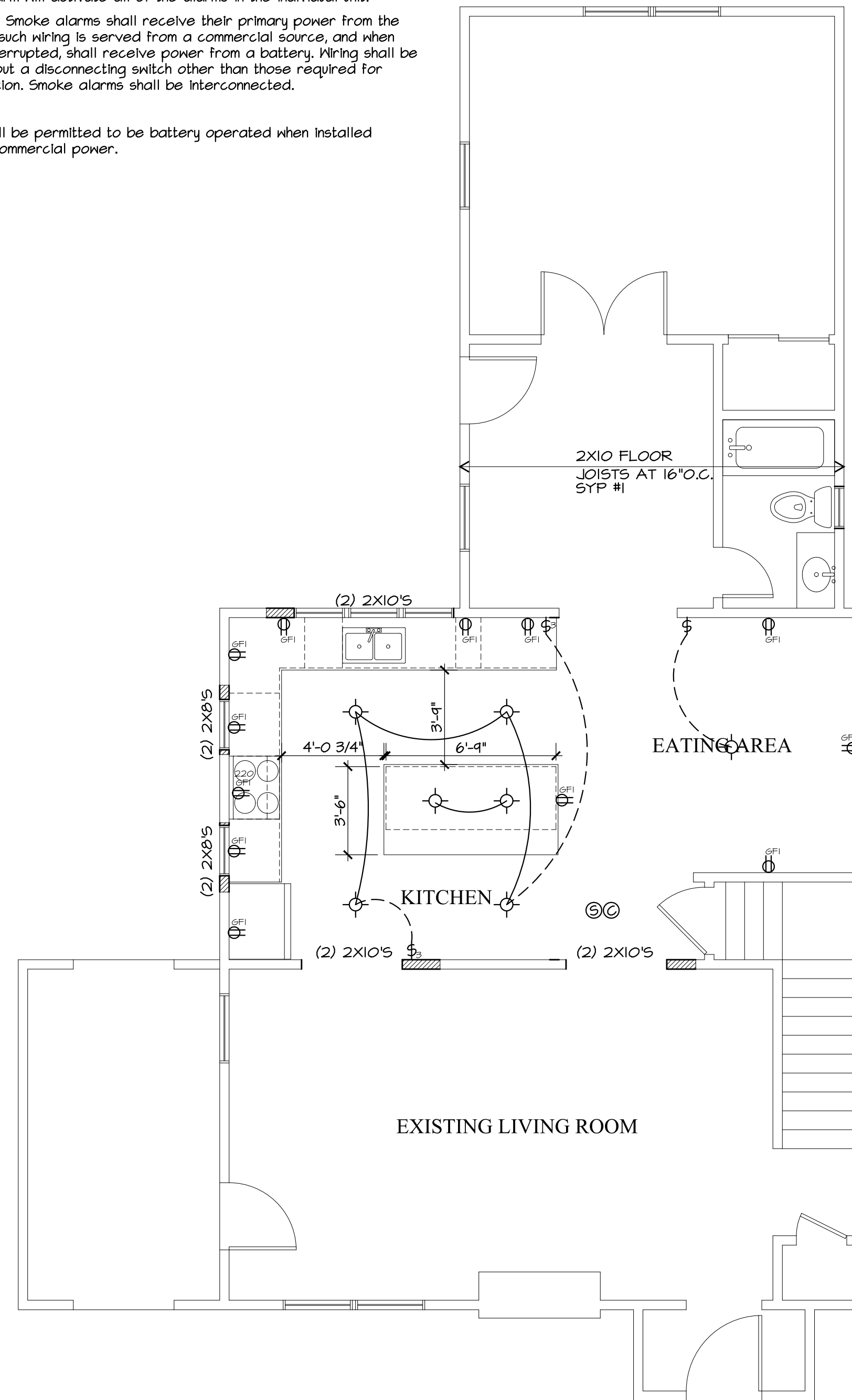
2. Interconnection and hard-wiring of smoke alarms in existing areas shall not be required where the alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for hard wiring and interconnection without the removal of interior finishes.

CARBON MONOXIDE ALARM

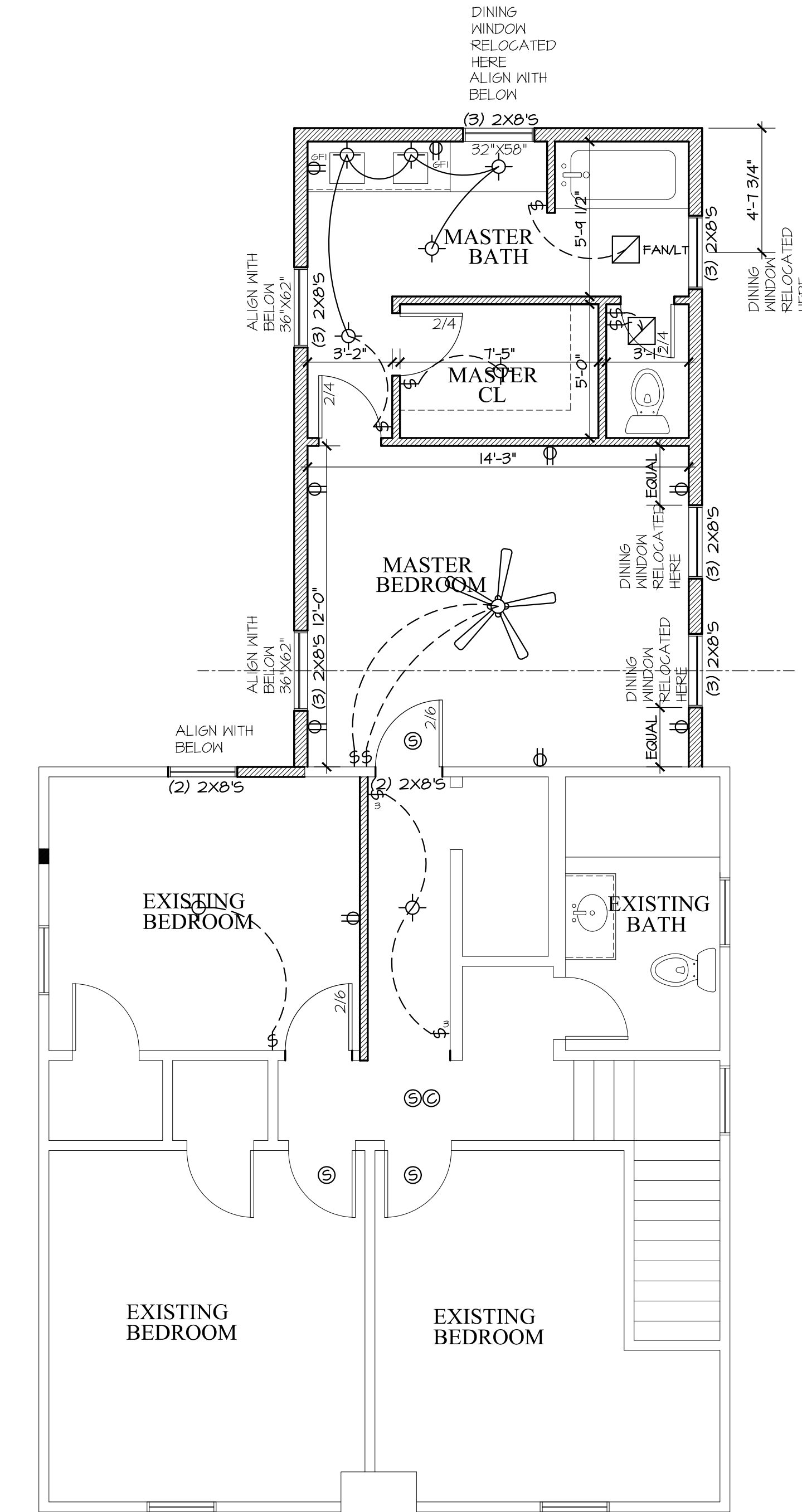
315.1 Carbon monoxide alarms. For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.

315.2 Where required, where work requiring a permit occurs in existing dwellings that have attached garages or in existing dwellings within which fuel-fired appliances exist, carbon monoxide alarms shall be provided in accordance with section 315.1.

315.3 Alarm requirements. Single station carbon monoxide alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer's installation instructions.



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



2 SECOND FLOOR PLAN
 SCALE: 1/4"=1'-0"

PRESCRIPTIVE INSULATION SCHEDULE

CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	GLAZED FENESTRATION SHGC	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE AND DEPTH	CRAWL SPACE WALL R-VALUE
5	0.30	0.55	NR	41	R20 OR R13 PLUS R5 INS. SHEATHING	13/17	30	10 CONT. OR 13 CAVITY	10, 2 FT.	10 CONT. OR 13 CAVITY

WALL BRACING 1/16" EXTERIOR GRADE OSB SHEATHING - CONTINUOUS STRUCTURAL PANEL SHEATHING PER ORC

NOTE:
 PROVIDE 1 JACK STUD AND 1 KING STUD FOR 3' OPENING OR LESS, UNLESS NOTED OTHERWISE
 PROVIDE 2 JACK STUDS AND 1 KING STUD FOR 4' TO 6' OPENINGS, UNLESS NOTED OTHERWISE
 PROVIDE 3 JACK STUDS AND 1 KING STUD FOR 6' OPENING AND ABOVE, UNLESS NOTED OTHERWISE

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REGISTERED ARCHITECT
SHAWN T. MCALLISTER
12139

REVISIONS

JOB # 410123 SCALE: 1/4"=1'-0"

ISSUE DATE: 6-29-2023

FLOOR PLAN

SHEET NUMBER

A1

WINDOW NOTES

NOTE: EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPERABLE WINDOW THAT MEET THE FOLLOWING:

1. NET CLEAR OPENING OF 5.7 SQ.FT.
2. MINIMUM DIMENSIONS OF 24" HIGH X 22"WIDE)

HAZARDOUS GLAZING LOCATIONS IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL THE FOLLOWING CONDITIONS:

1. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ.FT.
2. BOTTOM EDGE LESS THAN 18" ABOVE THE FLOOR
3. TOP EDGE GREATER THAN 36" ABOVE THE FLOOR
4. ONE OR MORE WALKING SURFACES WITHIN 36" OF GLAZING

ADDITIONAL HAZARDOUS GLAZING LOCATIONS IN DOORS, WINDOWS, AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, AND SHOWERS. GLAZING IN ANY PART OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE DRAIN INLET

INDIVIDUAL GLAZED AREAS IN HAZARDOUS LOCATIONS SHALL HAVE EACH UNIT OF LAMINATED, HEAT STRENGTHENED, TEMPERED GLASS PERMANENTLY IDENTIFIED BY THE MANUFACTURER. THE IDENTIFICATION OF TEMPERED GLASS SHALL BE ETCHED OR CERAMIC FIRED ON THE GLASS AND BE VISIBLE AFTER INSTALLATION



1
A2
REAR ELEVATION
SCALE: 1/4"=1'-0"

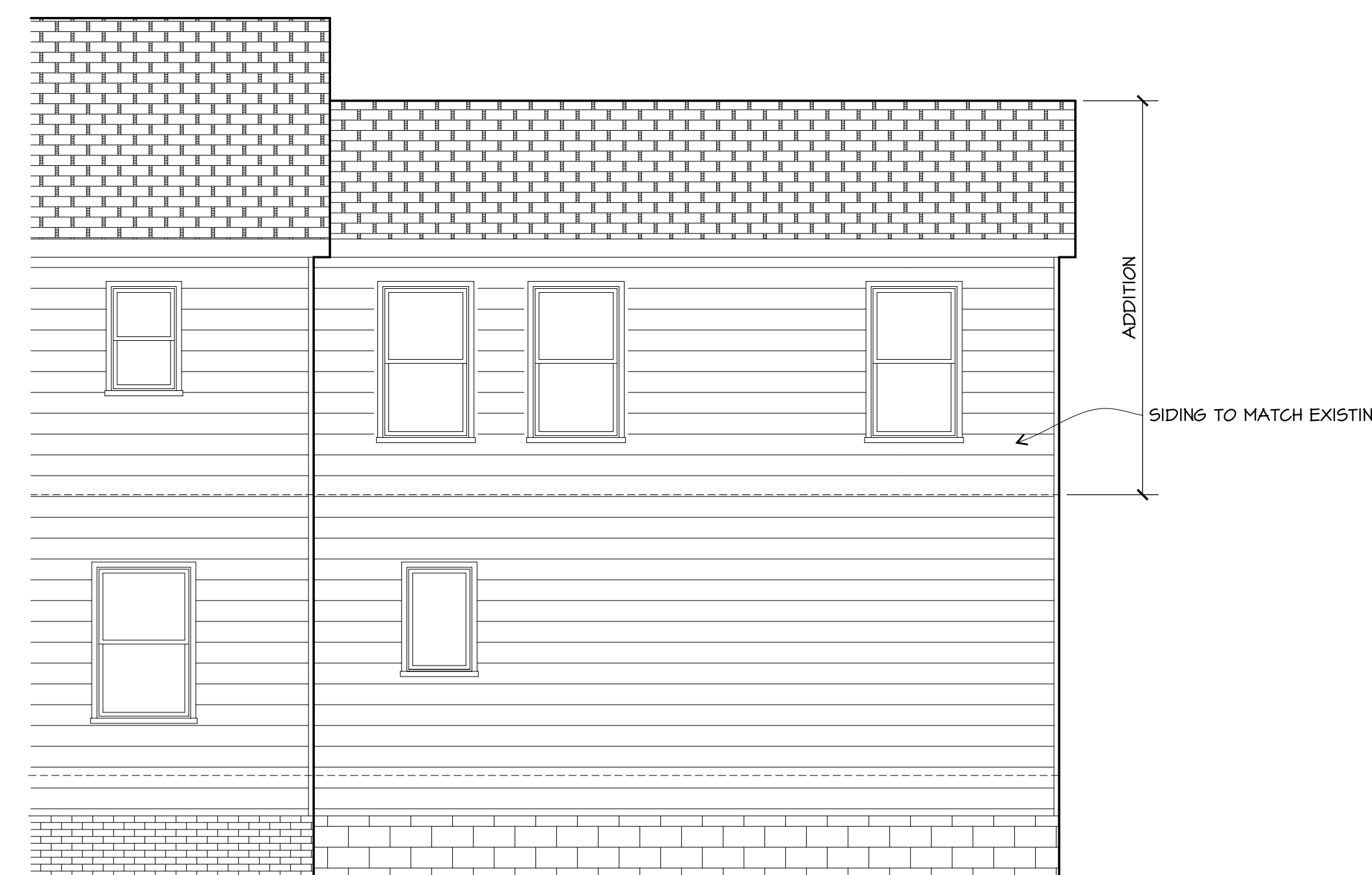
FLASHING NOTES:

R103.5 Flashing. Approved corrosion-resistant flashing shall be provided in the exterior wall envelope in such a manner as to prevent entry of water into the wall cavity or penetration of water to the building structural framing components. The flashing shall extend to the surface of the exterior wall finish and shall be installed to prevent water from reentering the exterior wall envelope. Approved corrosion-resistant flashings shall be installed at all of the following locations:

1. At top of all exterior window and door openings in such a manner as to be leakproof, except that self-flashing windows having a continuous lap of not less than 1 1/8 inches (28 mm) over the sheathing material around the perimeter of the opening, including corners, do not require additional flashing; jamb flashing may also be omitted when specifically approved by the building official.
2. At the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips on both sides under stucco copings.
3. Under and at the ends of masonry wood or metal copings and sills.
4. Continuously above all projecting wood trim.
5. Where exterior porches, decks or stairs attach to wall or floor assembly of wood-frame construction.
6. At wall and roof intersections.
7. At built-in gutters.



2
A2
SIDE ELEVATION
SCALE: 1/4"=1'-0"



3
A2
SIDE ELEVATION
SCALE: 1/4"=1'-0"

205 S. Cassingham Road

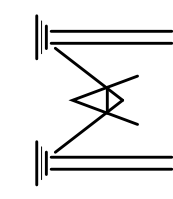
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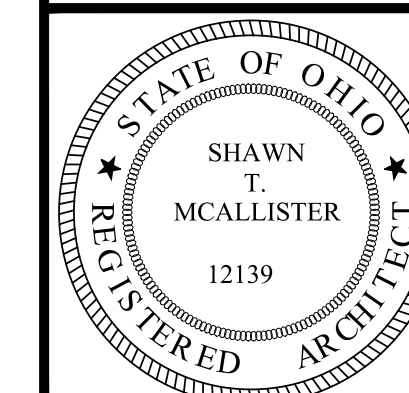
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REVISIONS

NO.	DESCRIPTION

EXTERIOR ELEVATIONS

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

JOB # 410123

ISSUE DATE: 6-29-2023

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A2

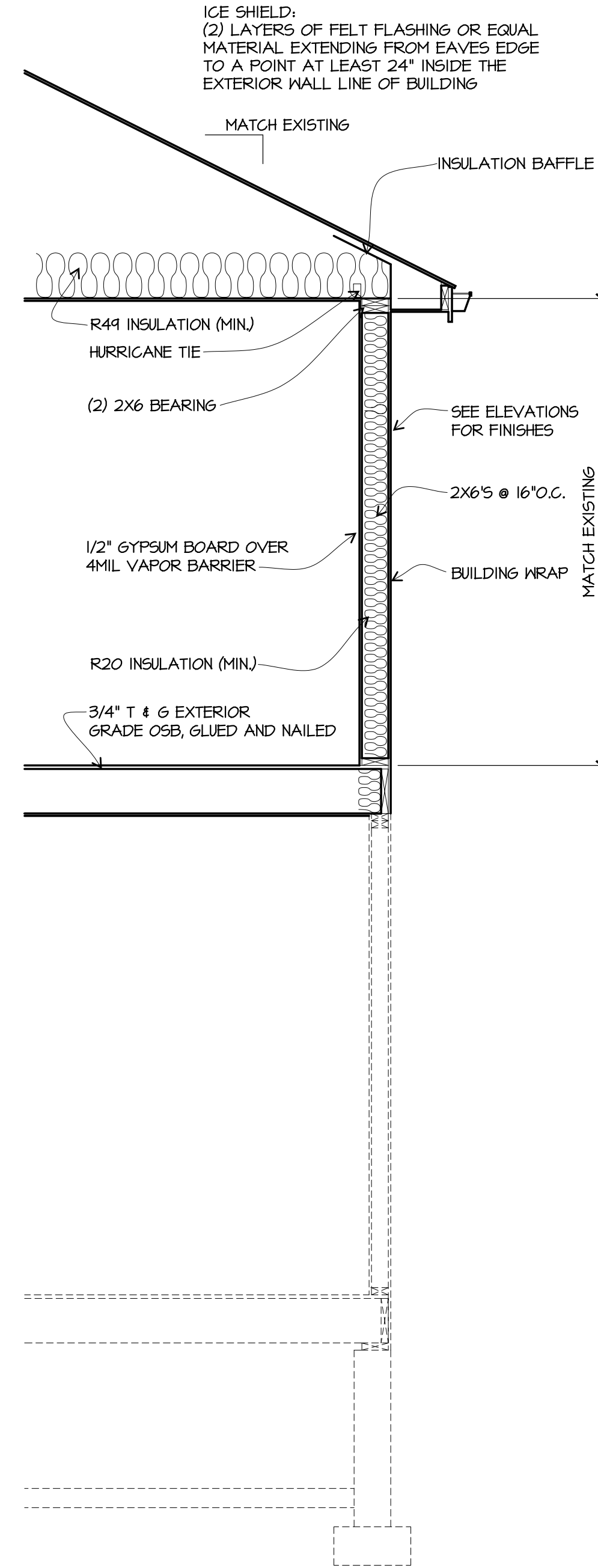
VENTILATION CALCULATIONS

RIDGE VENTS PROVIDE 16 SQ. IN. PER LIN. FT. $672/300 = 2.24$ SQ.FT. OF VENT REQD.
 FREE AIR SPACE VENTILATION 3.3 SQ.FT. PROVIDED

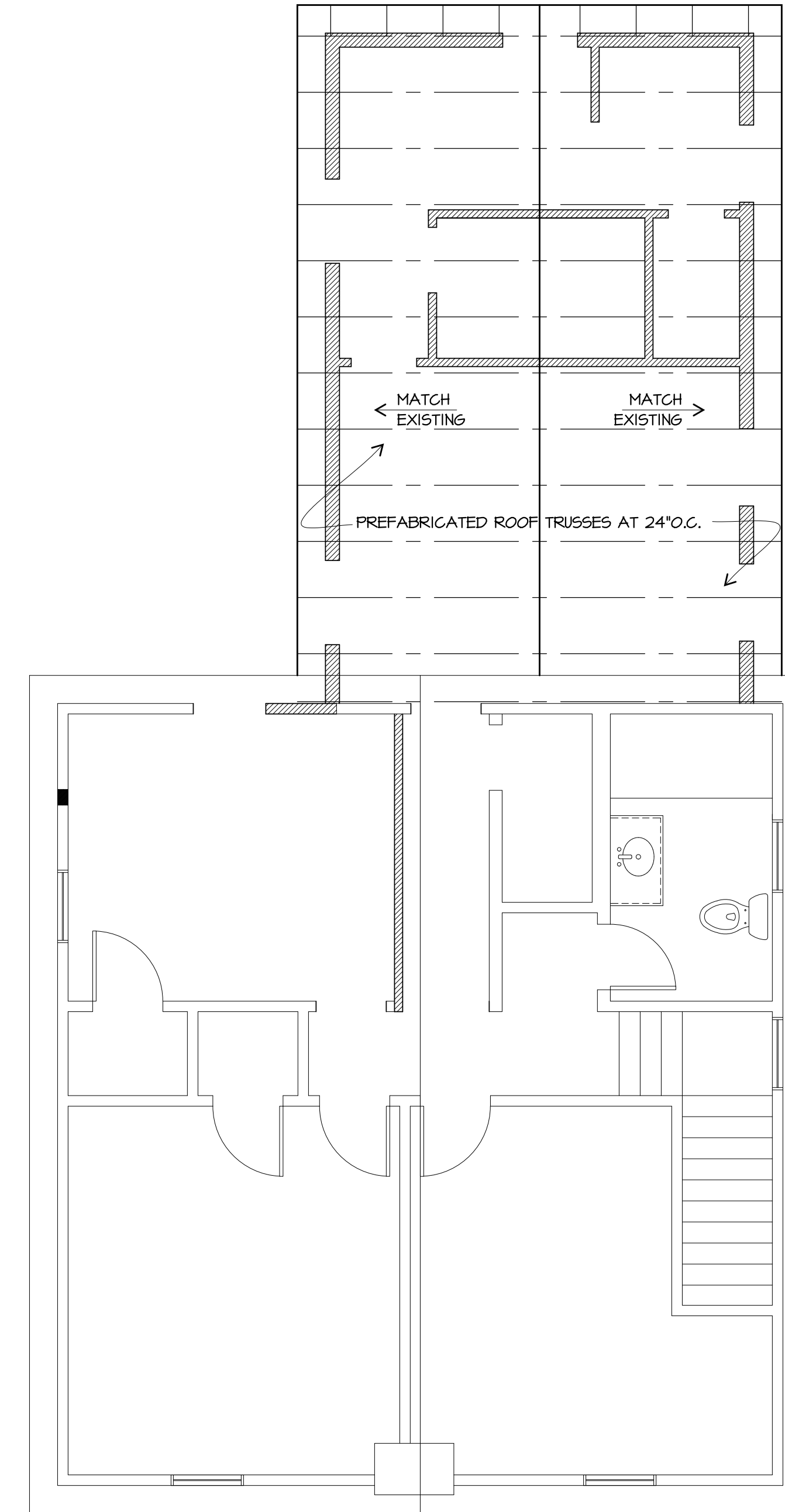
VENTED SOFFIT MATERIAL PROVIDES 0.2 SQ. IN.
 PER LIN. FT. FREE AIR SPACE VENTILATION

ROOF FRAMING NOTES

1. ROOF LOADS - 25 LB5/SQ.FT. LIVE LOAD AND 20 LB5/SQ.FT. DEAD LOAD
2. ROOF CONSTRUCTION: 7/16" OSB SHEATHING WITH EDGE CLIPS ON TRUSSES @ 24"O.C.
3. WIND PRESSURE 110 MPH
4. PROVIDE MULTIPLE STUDS DIRECTLY BELOW MULTIPLE-MEMBER LINTELS.
5. TRUSS BEARING ELEVATIONS INDICATED ON THE DRAWINGS.
6. TRUSSES TO BE DESIGNED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF OHIO. ENGINEER TO PROVIDE DATA AND LAYOUT.



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

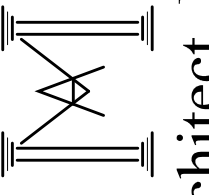


2 ROOF FRAMING PLAN
 SCALE: 1/4"=1'-0"

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SECTION AND ROOF FRAMING PLAN

REVISIONS

JOB # 410123

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

ISSUE DATE: 6-29-2023

SHEET NUMBER

A3