

Blvd.

<u>/2</u>\

(E) 6'-0"

✓ Metal Gate

(E) Conc.

Driveway

Note: Construction

vehicles are only

allowed on paved

<u>area.</u>

(E) Brick

\ └(E) Street Lighting

(E) Street Lighting Box

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02.11.22 Building Permit

PLOT DATE 09.21.22

DRAWING NUMBER

**A-0** 

DATE/ISSUE

Blvd, SA 94

347 MacArthur Blvd.

Zoning: CC # of Stories: 1

Land Use: Residential

<u>Adjacent</u>

Residence

Proposed Site Plan Scale : 1/8" = 1'-0"

(E) AT&T

(E) 6'-0"

Metal Gate

└(E) Elect Meter

(E) Landscaping

(E) Tree Pit

341 MacArthur Blvd.

Metal

Fence

# EXHIBIT B

393 MacArthur Blvd - Commercial



377 MacArthur Blvd - Commercial (Vacant)



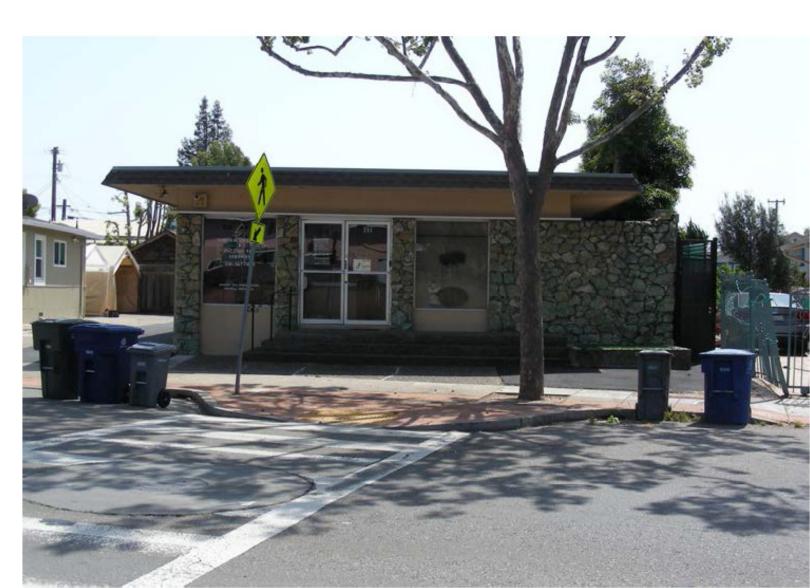
371 MacArthur Blvd - Residential



361/365 MacArthur Blvd - Residential



355/357 MacArthur Blvd - Residential



351 MacArthur Blvd - Business (Tax/Account)



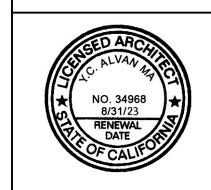
347 MacArthur Blvd - Residential



323/331 MacArthur Blvd - Pre-School



341 MacArthur Blvd - Residential (Proposed Project)



341 San

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South San Francisco, CA 94080
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3 09.21.22 Planning Comment

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D R A W I N G N U M B E R

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# EXHIBIT C

392/394/398 MacArthur Blvd - Commercial



390 MacArthur Blvd - Residential



368D MacArthur Blvd - Restaurant (Pizza)



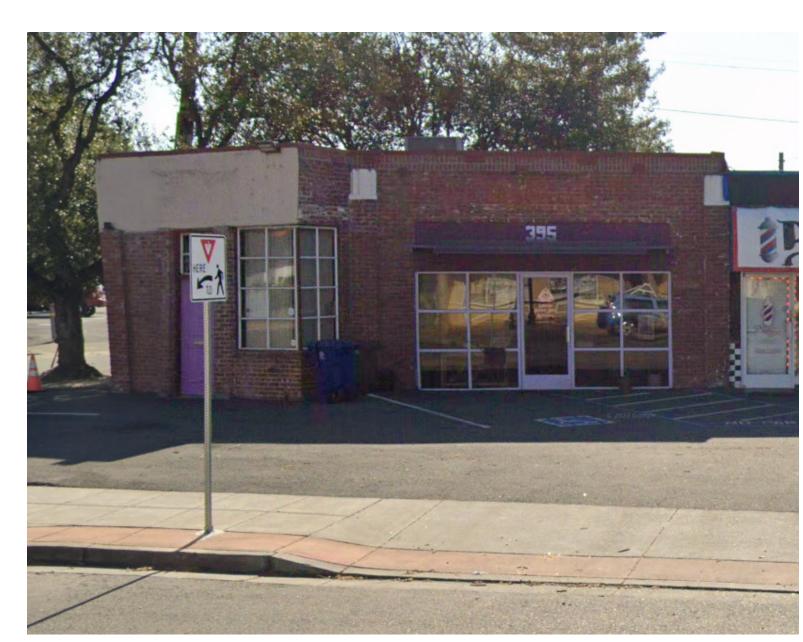
Empty Lot Across the Street



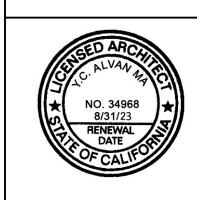
320/326 MacArthur Blvd - Residential



310 MacArthur Blvd - Chinese Restaurant



395 MacArthur Blvd - Commercial



MacArthur Blvd, Leandro, CA 94577

341 San

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3 09.21.22 Planning Comment

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D R A W I N G N U M B E R

A-0.2

### Calgreen Notes

#### **Energy Efficiency**

**4.201.1** Low-rise residential buildings shall meet or exceed the minimum standard design required by the California Energy Standards.

#### Water Efficiency

4.303.1.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specifications for Tank-type Toilets. **4.303.1.3.1 Single Showerheads.** Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for showerheads. **4.303.1.4.1 Residential lavatory faucets.** The maximum flow rate of residential lavatory faucets shall not exceed 1.2 gallons per minute at 60 psi. The minimum flow rate of residential lavatory faucets shall not be less than 0.8 gallons per minute at 20

4.303.1.4.4 Kitchen Faucets. The maximum flow rate of kitchen faucets shall not exceed 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi. 4.303.2 Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code

#### Material Conservation and Resource Efficiency

4.406.1 Rodent proofing. Annular spaces around pipes, electric cables, conduits, or other openings in plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or similar method acceptable to the enforcing agency. **4.410.1 Operation and maintenance manual.** At the time of final inspection, an

## operation and maintenance manual shall be provided to the building occupant or

Pollutant Control

4.504.1 Covering of duct openings and protection of mechanical equipment during construction. Duct openings and other related air distribution component

openings shall be covered during construction. 4.504.2.1 Adhesives, sealants and caulks. Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits. 4.504.2.2 Paints and coatings. Paints, stains and other coatings shall be compliant

with VOC limits. 4.504.2.3 Aerosol paints and coatings. Aerosol paints and other coatings shall be compliant with product weighted MIR Limits for ROC and other toxic compounds. **4.504.2.4 Verification.** Documentation shall be provided to verify that compliant VOC

limit finish materials have been used. **4.504.3 Carpet system.** All carpet installed in the building interior shall meet the testing and product requirement. Carpet cushion and adhesive also must comply. **4.5.4.4 Resilient flooring system.** Where resilient flooring is installed, at least 80% of flooring must comply with one of the following: the VOC-emission limits defined in the 2012 CHPS criteria and listed on its High Performance Products Database; products certified under UL Greenguard Gold Program; certified under the Resilient Floor Covering Institute FloorScore program; or meet California Department of Public Health 2010 Specifications.

**4.504.5 Composite wood products.** Particleboard, medium density fiberboard (MDF), and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards.

#### Interior Moisture Control

**4.505.2 Concrete slab foundation.** Required vapor retarders and capillary breaks are also required to comply with CalGreen Section 4.505.2.1. 4.505.3 Moisture content of building materials. Moisture content of building

#### Indoor Air Quality and Exhaust

4.506.1 Bathroom exhaust fans. Each bathroom shall be mechanically ventilated with an energy star exhaust fan with humidity control.

materials used in wall and floor framing is checked before enclosure (<19%).

#### **Environmental Comfort**

Heating and air conditioning. Heating and air-conditioning system shall be sized, designed and have their equipment selected using the following methods: 1. Heat Loss/Heat Gain values in accordance with ANSI/ACCA 2 Manual J-2016 or

2. Duct systems are sized according to ANSI/ACCA 1, Manual D-2016 or equivalentl 3. Select heating and cooling equipment in accordance with ANSI/ACCA 3, Manual

### **Installer and Special Inspector Qualification**

702.1 Installer training. HVAC system installers are trained and certified in the proper installation of HVAC systems. 702.2 Special inspection. The Licensed Professional responsible to verify CALGreen compliance is qualified and able to demonstrate competence in the discipline they

#### inspect and verify. Verification

703.1 Documentation. Verification of compliance with CALGreen may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which show substantial conformance. Implementation verification shall be submitted to the Building Department after implementation of all required measures and prior to final inspection

## Interior Finish / Specification Notes

1.Reference National Woodwork Maunfactures Association, NWMA, for wood flush doors and custom . Wood Doors and Frames:

glazed doors in wood frames.

Size as noted on drawings. Furnish proper hardware for all openings.

All hardware shall be installed according to the standards and recommendations of the specifications

Drywall Gypsum Board Reference Standards:

A. American Society for Testing and Materials (ASTM)

1. C36: " Specifications for Gypsum Wall Board." 2. C442: " Specifications for Gypsum Backing Board."

3. C475: " Specifications for Joint Treatment Materials for Gypsum Wall Board construction."

4. C840: " Specifications for the application and furnishing of gypsum Board." 5. e119. " Fire Tests of the Building Construction and Materials."

B. American Association (GA)

1. GA-216-82: "Recommended Specifications for the Application and finishing of Gypsum Board." 2. 5/8" Type " X " fire Rated gypsum board where required 3. Provide waterproof gypsum board at all Bathrooms and Shower areas. Provide Gypcrete backing

for all tile and stone wall areas 4. All exposed gypsum board shall be taped and finished to smooth wall condition or they can be

## **Lighting Standards Summary**

textured or skip trowel finishes, coordinate finishes with property owner.

For each room or area, the requirments may be summarized as follows:

Kitchen - All luminaires in kitchens shallbe high efficacy. All lighting installed inside a cabinet shall also be high efficacy.

Bathrooms, Garage, Laundry Rooms, Closets and Utility Rooms - All luminaires shall either be high efficacy and shall be controlled by a vacancy sensor. Closets that are less than 70 sq.ft. are exempt from this requirment.

Other Rooms - This applies only to rooms that are not kitchens, bathrooms, garages, laundry rooms, closets, or utility rooms. All installed luminaires shall be either be high efficacy and shall be controlled by a vacancy sensor or dimmer.

Outdoor Lighting - All luminaires mounted to the building or to other building on the same lot shall be high efficacy luminaires and shall be controlled by a motion sensor in combination with a photocontrol, astronomical time clock, or energy management control system (EMCS).

Interior Common Areas of Multifamily Buidlings - All interior luminaires in the common areas of multifamily buildings shall either be high efficacy and shall be controlled by an occupant sensor.

## # Note Description:

1 Provide minimum 1 foot-candle illumination level at all interior and exterior stair tread runs. Natural ventilation by means of an opening (window, openable skylight) with an area of not less than 4 percent of the

area, OR provide mechanical ventilation in accordance with the CMC Chapter 4. CBC 1203.1 and 1203.4.1 Egress window with escape opening that has a minimum net clear opening of 5.7 square feet (grade-floor openings shall be minimum of 5 sugare feet); minimum net clear opening height of 24 inches; and minimum net clear opening width of 20 inches. Windows have the bottom of the clear opening not more than 44 inches above the floor and opens directly to street, public alley, yard or court that opens to a public way. CBC Section 1026.

Minimum size 22" x 30" for attic access. CRC 807 Doors and panels of shower and bathtub enclosures shall be fully tempered, laminated safety glass or approved

plastic. CBC 2406.3. Tempered Glass CBC Section 2406.3 #7

Minimum 30" wide x 24" at water closet CBC Section 407.6 Minimum 36" deep landing outside all new exterior doors not more than 7-3/4" lower than threshold for in-swinging doors and not more than 1/2" lower than threshold for out-swinging doors. CRC R311.3 & R311.3.1.

9 7-3/4 Riser Max. and 10" Min. Tread for all new interior and exterior stairs. CBC 1009.3

10 18" x 24" Crawl space access CBC 1209.1 11 Environmental air duct exhaust shall terminate not less than 3 feet (914 mm) from a property line, 10 feet (3048 mm) from a forced air inlet, and 3 feet (914 mm) from openings into the building. Environmental exhaust ducts shall not discharge onto a public walkway per CMC 502.2.1. Exhaust duct shall be equipped with back draft damper per CMC

12 Provide minimum 1,024 sq.in. in all shower compartments, regardless of shape, and also capable of encompassing 30" circle and it shall be maintained up to 70" above shower drain inlet. CPC 408.6.

13 Provide individual control valves of the pressure balance or the thermostatic mixing valve type at all shower CPC

14 Provide a dedicated 20-amp circut to serve the bathroom outlets. This circut cannot supply any other receptacles, lights, fans, etc. Except where the circuit supplies a single bathroom, outlets for other equipment within the same bathroom shall be permitted to be supplied. CEC 210.11(C)(3) and 210.52(D)

15 Handrail is required on one side with 4 or more risers. CBC 1009.10 16 Handrails to have 1-1/4" to 2" grippable cross section, no sharp corners, and at heightof 34" to 38" above nosing,

extend continuously from top to bottom riser, and terminate at newel posts or return to walls. CBC 1012 17 Guardrail is required on the open side of the stairway at a height of 34" to 38" and shall have intermediate rails spaced such that a sphere 4" in diameter cannot pass through. CBC 1013.2 and 1013.3 18 All new windows must have a U-factor value that are not higher than 0.34.

19 Shower floors and walls in shower compartments shall be finished with nonabosrbent material extend to hieght of not less than 6 feet above the floor per CRC R307.2. 20 Toilets shall have a max. of 1.28 gallon/flush, showerhead to have a max. flow of 1.8 gpm and faucets to have a max.

21 Circuits supplying outlets and devices requires AFCI protection and list of rooms includes kitchens and laundry areas (including washing machine, but not dryer) (CEC 210.12(A). 22 All branch circuits that supply 120-volt, single phase, 15- and 20- ampere outlets installed in dwelling unit bedroom,

family rooms, dining rooms, living rooms, recreation rooms, closets, hallways, or similar rooms or areas shall be arc-fault circuit interrupter (AFCI) protected per CEC 210.12(B) 23 GFCI protection for all 125-volt, single phase, 15- and 20-ampere outlet receptacle installed at all kitchen countertop

shall not place more than 4 feet apart on center. CEC 210.8(A) 24 Smoke and Carbon Monoxide detectors are interconnected and derive their primary power from a 125 volt

interconnected Arc Fault Circuit Interrupter (AFCI) protected circuit. 25 The maximum flow rate of residential lavatory faucets not exceed 1.2 gallons per minute at 60 psi. The minimum flow rate of residential lavatory faucets shall not be less than 0.8 gallons per minute at 20 psi. (CPC 407.2.1.2)

26 All existing plumbing fixtures within the building that are non-compliant shall be upgraded with water conserving plumbing fixtures. Non-compliant plumbing fixtures are defined by SD 407 as follow

a. Toilets that use more than 1.6 gallons per flush. b. Faucets that emit more than 2.2 gallons of water per minute.

c. Showerheads that emit more than 2.5 gallosn of water per minute.

Window / Door Schedule

27 Exhaust fan in new bathroom shall have minimum of 50cfm vented to the outside. If the fan includes a light, it must be switched separately. In a new house of one undergoing a substantial improvement, all bathroom fans must have humidity controls capable of adjustment between a relative humidity of 50% to 80%. (CBC 1203.4.2.1 & CMC 403.7 & Table 4-4) (Energy Code 150(o), ASHRAE 62.2, CALGreen 4.506).

28 Kitchen requires mechanical ventilation to the outside (not a recirculating fan) with a minimum of at least 100cfm. (Energy Code 150(o) & ASHRAE 62.2)

29 Provide for gas shut off valve and sediment trap for new gas appliaces per CPC 1212.6 and 1212.9. 30 Provide for insulation at all new hot water piping per CPC 609.11 and CEC 120.3.

Type U-Value SHGC

Zone 2: 480SF

Zone 1: 948SF

O'hagin

(Typ.)

31 Efficacy of all luminaries shall be per CEC table 150.0-A. Screw based luminaries shall have lamps installed marked with JA8-2016 or JA8-2016E. Newly installed recessed downlight luminaires shall not contain screw base sockets per

N/A

0.65

Single Hung

## Fixture Legend

Exhaust Fan LED Recessed Downlight (IC rated, electronic ballast and Air-tight) Telephone Jack / Communication

Exterior Wall Sconce w/ Motion Sensor

Air Return

Registered HERS rater will

verify the new range hood

is listed in the HVI Certified

Home Ventilating Products

Directory and have been

HVI-certified as meeting

sound requirement.-

ASHRAE 62.2 ventilation and

exhaust. Ensure exhaust hood

detectors must be hard-wired with (CD) Carbon Monoxide Detector backup battery Note: All outdoor lightings are → New 110V Duplex Outlet

7'-7"

A-2

(SD) Smoke Detector

\A-3 ∠

(F) Window

2 A-2

2'-6"w x 4'-0"h

⊕(N)

+42" G.F.I.

+30"

(E)

+30"

G.F.I.

(E) Dining Room

Ceiling Height +8'-0"

(E) Living Room

(E) Fireplace

20'-6"

26'-0"

Ceiling Height +8'-0"

(E) Window

3'-6"w x 6'-6"h

(N) 4x4 PT Post (Typ.)

⊕(N) | (E) Washer

(E) Kitchen

Ceiling Height +7'-6" Replace Furnace

G.F.I

in Crawl Space

Access

SD

(E) Window

4'-0"w x 6'-6"h

(E) Door

8'-0"

Receptacle +15" U.O.N.

Note: Smoke and

Carbon Monoxide

permanently

mounted to the

residential building

Symbols Legend (E) Stud Wall

5/8" Gyp. Bd.

12'-7"

(N) Full Height Partitions

both sides on 2x4 WD.

Studs @ 16" O.C.

6'-2"

(N) Window

4 \ | 4'-0"w x 3'-0"h

(N) Bedroom No.4

Ceiling Height +8'-0"

(N) Door

6'-0"

(E) Bedroom No.2

Ceiling Height +8'-0"

(E) Bedroom No.1

Ceiling Height +8'-0"

(E) Patio

5'-6"

(E) Door

3'-0"

(SD) (N)

3'-6"

C.H. +7'-0" C.H. +7'-6"

C.H. +7'-0"

5'-8"

(N) Bath No.2

Ceiling Height +8'-0"

12

(N) Door

(N) Bedroom No.3

Ceiling Height +8'-0"

Tankless

(E) Bath

Height +8'-0"

9'-6"

(N) Attached

**Covered Carport** 

<u>No.1</u> Ceiling

Water

Heater

(N) Carport

Columns (Typ.)

(N) W.I.C.

Height

+8'-0"

Ceiling

(N) + 42"

Wall to be Removed Indicate New

Indicate Existing U.O.N.)

(Everything is existing

**EXHIBIT D** 

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DATE/ISSUE PLOT DATE 09.21.22

DRAWING

NUMBER **A**-1

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

Zone 1 Total = 6.6sf Provided

Zone 1 = 980sf

(N) Crawl Space Vent = 7ea @ 0.5sf = 3.5sf

ZONE 1 ZONE 2 948 SQ.FT. 480 SQ.FT. 1/300 YES YES YES 3.16 SQ.FT. 1.60 SQ.FT. YES QUANTITY AREA QUANTITY AREA QUANTITY AREA (E) GABLE VENTS 2.80 SQ.FT. 2 1.00 SQ.FT. 2.80 SQ.FT. 1 76 SQ FT QUANTITY AREA QUANTITY AREA QUANTITY AREA 21 0.02 SQ.FT. 18 0.02 SQ.FT 0.36 SQ.FT.

(N) GABLE VENTS (N) O'HAGIN VENTS TOTAL HIGH VENTING LOW VENTING (N) VENTS HOLES 3 - 2" Dia. Vent Holes per Rafter Bay 0.42 SQ.FT. TOTAL LOW VENTING TOTAL VENTING PROVIDED

Proposed Floor Plan

ATTIC AREA VENT RATIO

MIN. 36" VERT CLEARANCE HIGH/LOW VENTING TOTAL VENTING REQUIRED HIGH VENTING REQUIRED LOW VENTING REQUIRED PERCENT HIGH (No Vent Required) HIGH VENTING

> 3.22 SQ.FT. 2.12 SQ.FT.

Crawl Space Vent Calcs. Ventilation Area Required = 980sf/150 = 6.54sf (E) Crawl Space Access + Vent = 1ea @ 2.1sf = 2.1sf (E) Crawl Space Vent = 2ea @ 0.5sf = 1sf (N) Crawl Space Vent = 7ea @ 0.5sf = 3.5sf

Note: All new windows to match exisiting window style

Zone 2 = 480sfVentilation Area Required = 980sf/150 = 3.20sf

Roof Vent Calcs.

Zone 2 Total = 3.5sf Provided

Vents Calculation Scale : 1/8" = 1'-0"

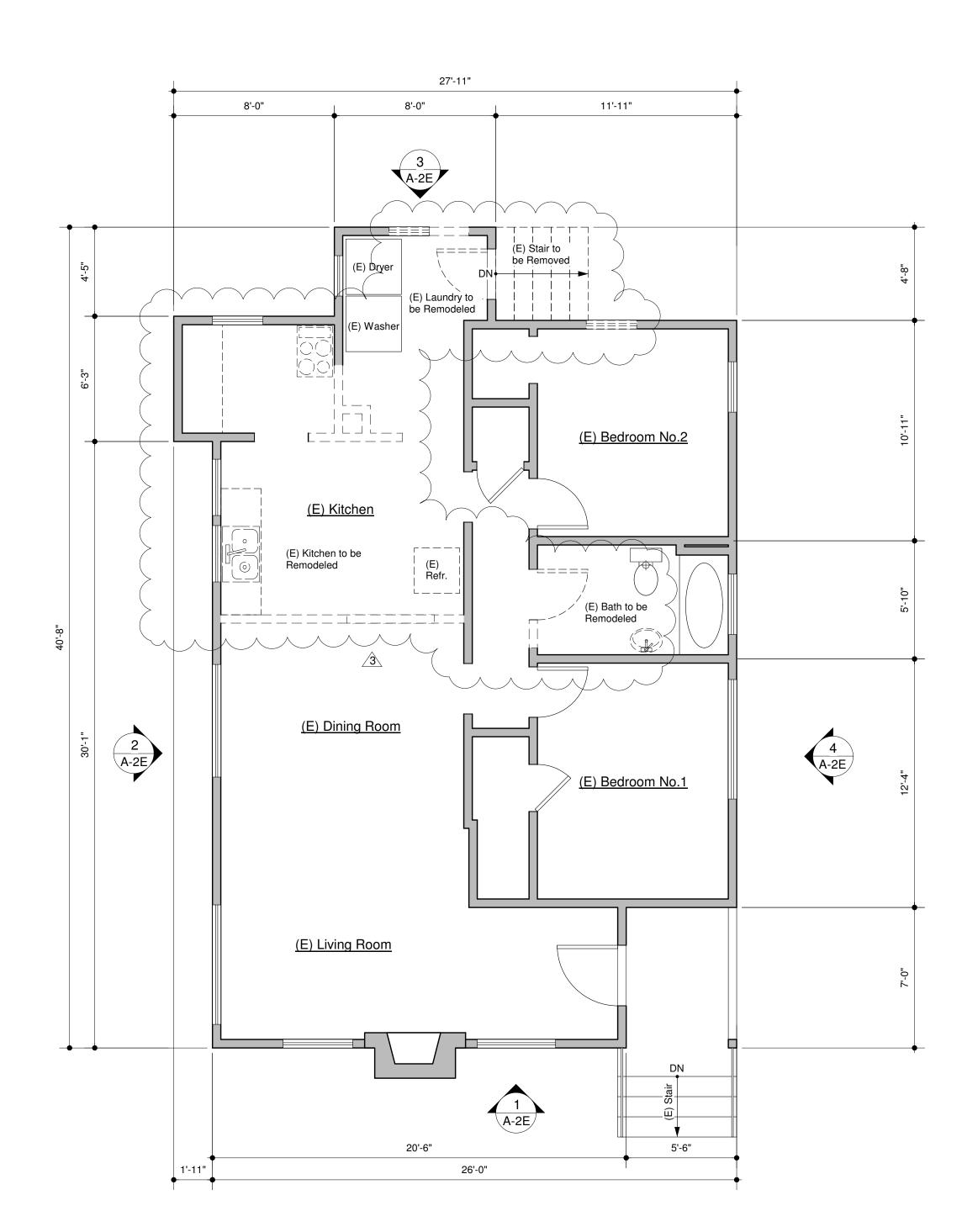
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3 09.21.22 Planning Comment
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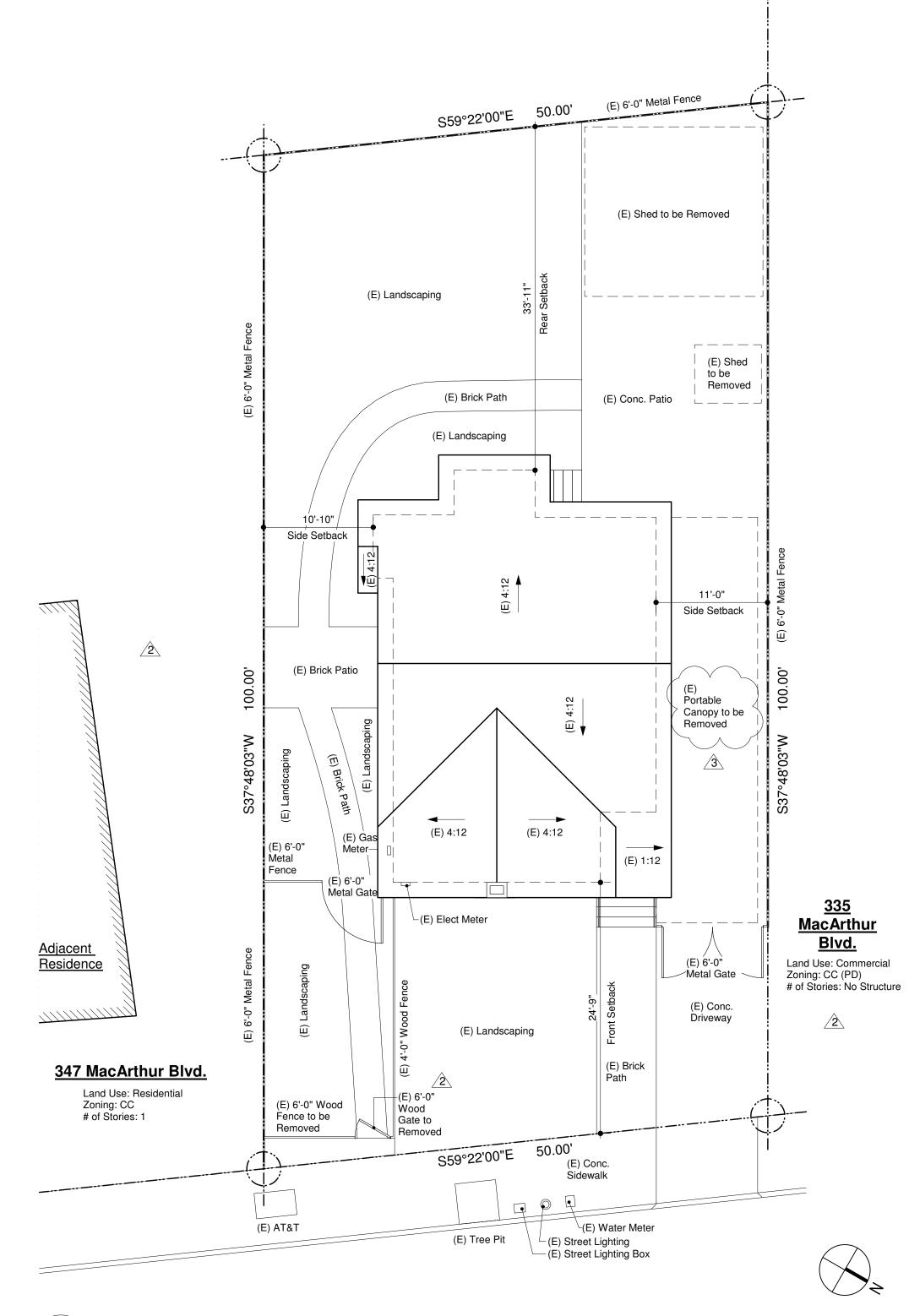
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DRAWING NUMBER







Existing Site Plan
Scale: 1/8" = 1'-0"



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3 09.21.22 Planning Comment

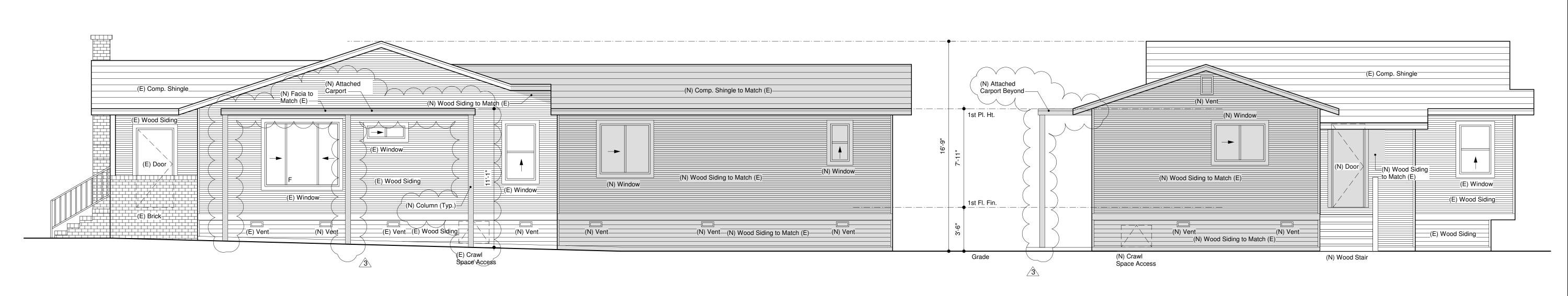
2 08.04.22 Plan Check Comment

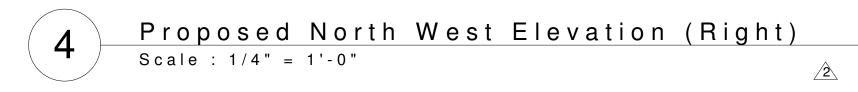
1 04.12.22 Plan Check Comment 02.11.22 Building Permit DATE/ISSUE

PLOT DATE 09.21.22

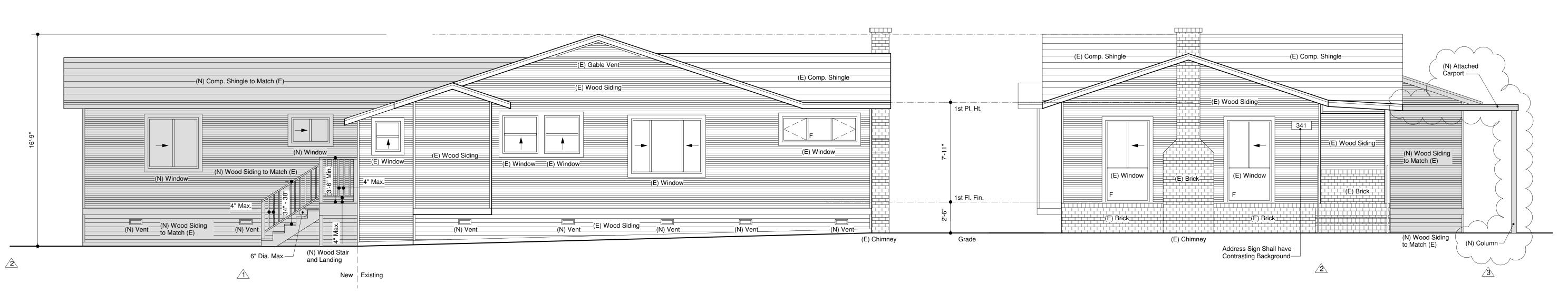
DRAWING NUMBER

A-2



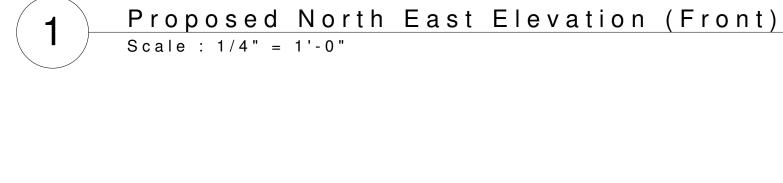


Proposed South West Elevation (Rear)
Scale: 1/4" = 1'-0"

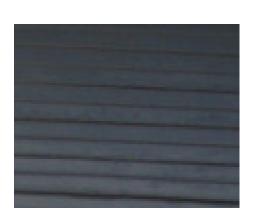


Vinyl Window to Match Existing









Wood Siding to Match Existing and Painted Gray

Comp. Shingle Color to Match Existing

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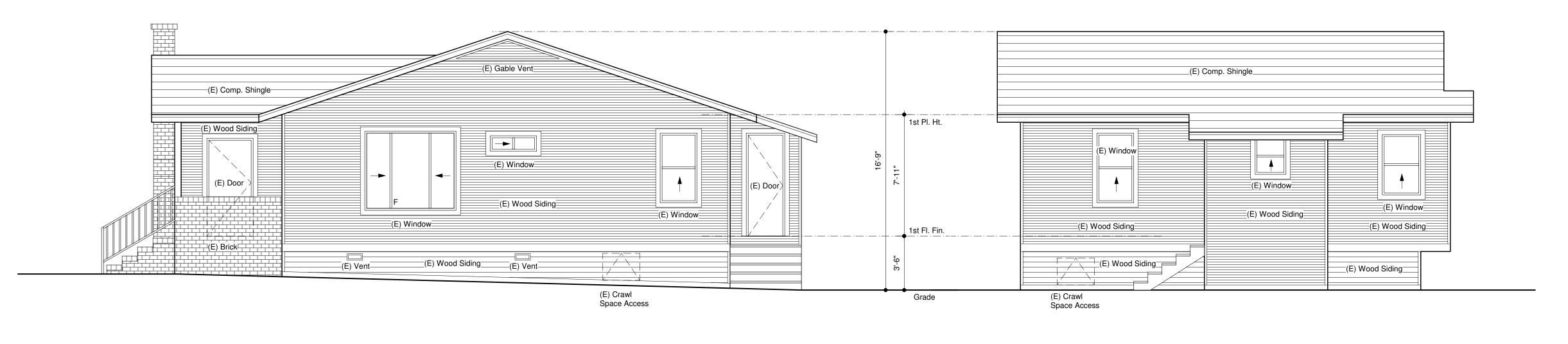
1 04.12.22 Plan Check Comment

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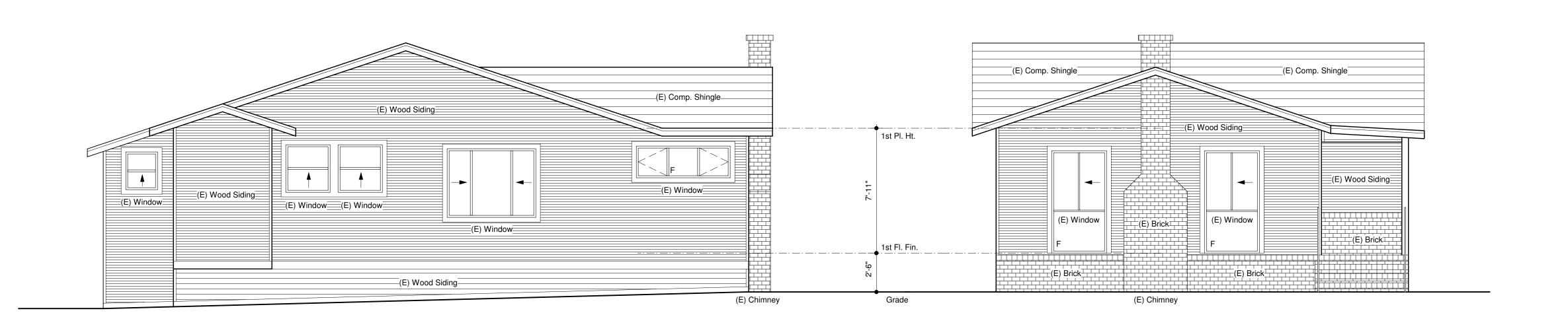
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Existing North East Elevation (Front)

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

