[redacted] RESIDENCE PERMIT SET

ALL NEW WORK SHALL CONFORM TO:

2022 CALIFORNIA BUILDING CODE
2022 CALIFORNIA RESIDENTIAL CODE
2022 CALIFORNIA ELECTRICAL CODE
2022 CALIFORNIA MECHANICAL CODE
2022 CALIFORNIA PLUMBING CODE
2022 CALIFORNIA ENERGY CODE
2022 CALIFORNIA HISTORICAL BUILDING CODE
2022 CALIFORNIA EXISTING BUILDING CODE
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
2022 CALIFORNIA REFERENCED STANDARDS
2022 CALIFORNIA FIRE CODE
AS AMENDED BY MARIN COUNTY MUNICIPAL CODE

SCOPE OF WORK:

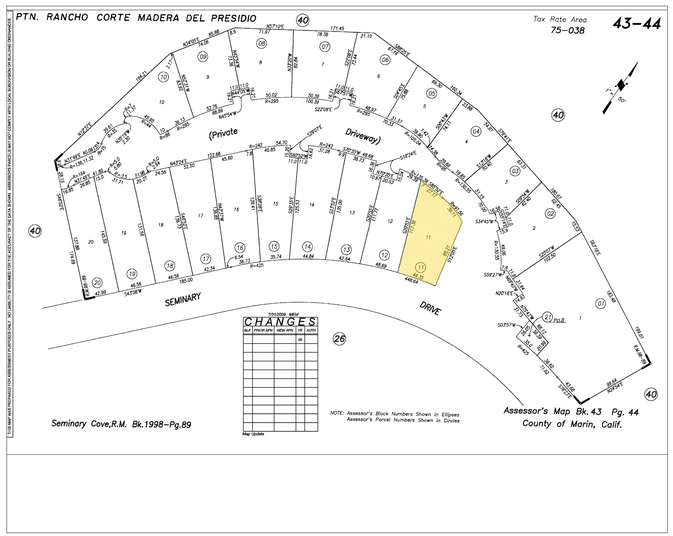
- INTERIOR REMODEL OF THE KITCHEN, PRIMARY BATHROOM, GUEST BATHROOM, STUDIO BATHROOM, POWDER ROOM.
- REPLACEMENT OF 3 FIREPLACES WITH FULLY ENCLOSED GAS UNITS.
- CREATE OPENING BETWEEN KITCHEN AND DINING ROOM. SEE STRUCTURAL DRAWINGS.
- FRAME INTERIOR NON-LOAD BEARING WALL BETWEEN DINING ROOM AND STUDY.
- ADD AC TO EXISTING HVAC SYSTEM.

SHEET INDEX

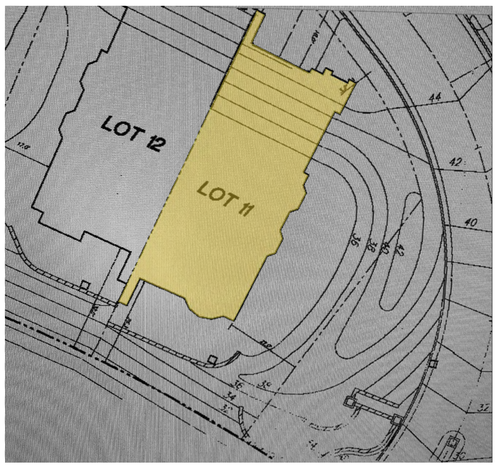
PROJECT DATA:

EXISTING SF: 2758.79
ADDED SF: 0
PROPOSED SF: NO CHANGE
GARAGE SF: NO CHANGE

ASSESSOR'S BLOCK MAP



SITE MAP



PROJECT TEAM

OWNERS
[redacted]

CONTRACTOR
FLOYD CONSTRUCTION INC.
714 C ST. SUITE 207
SAN RAFAEL, CA 94901

JON MORALES:
415-250-4267

INTERIOR DESIGNER
JAYJEFFERS, INC.
1035 POST STREET
SAN FRANCISCO, CA 94109

JAY JEFFERS, FOUNDER:
415-921-8880
JENN SHARP, PRINCIPAL:
415-921-8880
BOBBIE HUGHES, ASSOCIATE DESIGNER:
415-921-8880

JAYJEFFERS

1035 Post Street, San Francisco CA 94109
The Studio:415.921.8880 The Store:415.440.7300
www.JayJeffers.com

ISSUES AND REVISIONS

No.	Date	Description	By
1	03.08.24	PERMIT SUBMITTAL	JS/BH

PROJECT SCOPE:
Residential interior remodel

PROJECT ADDRESS:
[redacted]

OWNER:
[redacted]

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

Drawing Description:
COVER SHEET

Drawn By: BH Checked By: JS

Sheet Number:
G1.0

MARIN COUNTY GREEN BUILDING FORM

STANDARDS FOR SINGLE-FAMILY RENOVATIONS LESS THAN 750 SQUARE FEET

The provisions of this checklist apply to projects where the cumulative scope of the permitted work is less than 750 square feet. These green building standards have been established to ensure that single-family residential (one- and two-family dwellings and townhouses) renovations (aka additions and alterations) in Marin County is healthy for occupants, has limited impact on the environment, reduces demand for energy, and results in cost savings from building operation. Requirements were adopted November 2022 and enforced starting January 1, 2023, ending December 31, 2025. The three-step process below helps applicants understand and comply with the County's green building requirements. Please reference Title 19.04 and 19.07 of the Marin County Building Code to comply.

GREEN BUILDING PROJECT PROCESS

1 PROJECT DESIGN

It is important for project owners, architects, engineers, and designers to understand the applicable state and local green building requirements prior to project design. Early consideration of these standards allows for design of buildings and systems that are compliant, energy efficient, and cost effective, and minimize back and forth.

2 PLANNING APPLICATION (*IF REQUIRED*)

If your project is subject to planning review, be prepared to identify in your planning application what compliance methods you've selected and how you plan to meet the requirements. If you anticipate difficulties meeting the requirements outlined in the Green Building Checklist, these concerns and any requests for exemptions should be identified in your planning application.

3 INITIAL BUILDING PERMIT SUBMITTAL

All the following MUST be included with your initial application for a building permit:

- ☑ Completed Marin County Green Building Checklist (*page 2-3*)
- ☑ Completed Marin County CALGreen Checklist (*pages 4-10*), with plan sheet references where applicable.
- ☑ Energy code compliance documents as required under State Energy Code

DEFINITION OF "NEW CONSTRUCTION"
Removal or substantial modification of more than 75 percent of the linear sum of a building's exterior walls for each story shall be considered demolition of the building (County of Marin Development Code Chapter 22.130.030), triggering the new construction requirements. If your renovation (addition and alteration) project meets this definition, please see the guide for new construction.

MARIN COUNTY GREEN BUILDING CHECKLIST

STANDARDS FOR SINGLE-FAMILY RENOVATIONS LESS THAN 750 SQUARE FEET

PROJECT ADDRESS: [redacted]

APN: [redacted] APPLICANT NAME: Floyd Construction, Inc.

1. GREEN BUILDING AND EV READINESS

☑ Complete this Marin County Green Building Checklist AND CALGreen Checklist: Standards for Residential Renovations Less Than 750 square feet.
VERIFICATION: The checklist will be verified by a County plans examiner.

2. ENERGY EFFICIENCY AND ELECTRIFCATION

☑ Meet the standards outlined for the project in the State Building Energy Efficiency Standards. While local standards for renovations less than 750 square feet do not require applicants to exceed statewide energy efficiency codes, be aware of the mandatory requirements established by the state that may apply to your project. Changes that may trigger additional requirements or HERS verification may include, but are not limited to, the addition, alteration, or expansion of:

- Fenestration, including windows, skylights, and doors with more than 3 sq.ft. of glass
- Insulation and Ducts
- New space heating and cooling, water heating, and ventilation systems

VERIFICATION: Attach Title 24 Energy Reports that complies with State minimum energy code

3. LOW CARBON CONCRETE (Check One of the Following)

☐ Permit application includes completed Cement or Embodied Carbon limit compliance forms that can be found on the County's Low-Carbon Concrete Requirements webpage.
VERIFICATION: Compliance forms must be signed re-submitted after completion of poured concrete along with batch (proof) receipts.

☑ Not applicable; the project does not include pouring new concrete.

4. PROJECT VERIFICATION

This form and all referenced forms herein have been completed by Matt Wilson (name) of Floyd Construction,Inc. (company), the party responsible for this building permit application for the above listed project who affirms under penalty of perjury that it accurately represents the project plans. Applicant still must complete the CALGreen Checklist and/or Low Carbon Concrete form, as applicable.

Matt Wilson — Signature
03.08.24 — Date
Matt Wilson — Name (Please Print)

5. SUMMARIZING ENERGY END USE (CHECK BOXES AND INPUT VALUES):

☑ Total Conditioned Floor Area within the Project Scope 2656 square feet

SELECT either the Performance or Prescriptive-based Compliance Pathway below and submit appropriate documentation as requested (Check One of the Following):

☐ For projects using the Performance Based Pathway to Compliance, submit data extract in .xml format from the 2022 Energy Code Compliance Software (CBECC or EnergyPro)

☑ For projects using the Prescriptive Based Pathway to Compliance (Check One of the Following):

☐ Submit data extract in .xml format from the 2022 Energy Code Compliance Software (CBECC-Res or EnergyPro), OR

☑ If Energy Code Compliance Software was not used, please select the following measures planned for installation in Table 1 below, within the scope of your project (check all that apply):

Table 1. Measures and Appliances Installed

Check All That Apply	Measures Installed	Check All That Apply	Measures Installed
☐	Air Sealing	☐	Heat Pump Water Heater, High Efficiency, NEEA Tier 3
☐	Cool Roof	☐	Hot water pipe and tank insulation, low-flow fixtures
☐	Duct Sealing	☑	Induction Cooktop
☐	Exterior Photosensor	☑	LED lamp vs CFL
☐	Heat Pump Dryer	☐	New Ducts
☐	Heat Pump HVAC	☐	R-49 Attic Insulation
☐	Heat Pump HVAC, High Efficiency, SEER 21 or greater; HSPF 11 or greater	☐	Solar PV _____ kW DC
☐	Heat Pump Water Heater	☐	Battery (storage) _____ kWh
☑	Other (please describe):		Air Conditioning

VERIFICATION: Compliance will be verified by 1) submitting 2022 Energy Code Compliance Software data extract (.xml) and attaching Title 24 Energy Reports that complies with State minimum energy code, OR 2) completing Table 1 above.

MARIN COUNTY CALGREEN CHECKLIST

STANDARDS FOR SINGLE-FAMILY RENOVATIONS LESS THAN 750 SQUARE FEET

This checklist is effective January 1, 2023 and applies to additions and alterations of one- and two-family dwellings and townhouses with attached private garages.

The provisions of this checklist apply to projects where the cumulative scope of the permitted work being added to or altered is less than 750 square feet. Existing site and landscaping improvements that are not otherwise disturbed are not subject to CALGreen.

Submit this CALGreen checklist accompanied with the Marin County Green Building Checklist (see pages 2-3 above) with your plans to demonstrate compliance with the green building ordinance. This checklist includes modifications specific to Marin County. For more information on the County's Green Building requirements, please visit www.maringreenbuilding.org

For more information on CALGreen and complete measure language, see Marin County Building Code, Chapter 19.04.135, Subchapter 2 which requires (with amendments) CALGreen Chapters 4 and Appendix A4.

PROJECT DETAILS

20 Seminary Cove Drive, Mill Valley, CA 94941 — Project Address
043-440-11 — APN
Floyd Construction,Inc. — Applicant Name (Please Print)

PROJECT VERIFICATION

The green building professional[1] has reviewed the plans and certifies that the mandatory and elective measures listed below are hereby incorporated into the project plans and will be implemented into the project in accordance with the requirements set forth in the 2022 California Green Building Standards Code as amended by the County of Marin.

Matt Wilson — Signature
03.08.24 — Date
Matt Wilson — Name (Please Print)

[1] A qualified building professional can be an architect, engineer, contractor, or qualified green building professional, such as a CALGreen Special inspector or LEED AP.

DIVISION 4.1 PLANNING AND DESIGN

- ✓ *All measures are required **(MANDATORY)** unless not in project scope.*
- ✓ *Use the Checkboxes (☒) to mark as Completed, Not Applicable (N/A), or the measure selected.*

4.106.2 (MANDATORY) A plan is developed and implemented to manage stormwater runoff from the construction activities through compliance with the County of Marin's Stormwater Runoff Pollution Prevention Ordinance.
Completed ☐ N/A ■ *Plan sheet reference (if applicable):* _____

4.106.3 (MANDATORY) Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings.
Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

A4.106.2.3 (MANDATORY) Displaced topsoil shall be stockpiled for reuse in a designated area and covered or protected from erosion.
Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

A4.106.4 (MANDATORY) Permeable paving is utilized for not less than 20 percent of the total parking, walking, or patio surfaces.
Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

A4.106.5 (MANDATORY) Roofing materials shall have a minimum 3-year aged solar reflectance and thermal emittance or a minimum Solar Reflectance Index (SRI) equal to or greater than the values specified in Tables A4.106.5.1(3).
In Marin County, this measure does not apply to low-rise residential. This measure applies only to high-rise residential buildings, hotels, and motels with a roof slope >2:12.
Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

A4.106.8.1 Tier 1 and Tier 2 (MANDATORY IF THE PROJECT SCOPE INCLUDES AN UPGRADE OF THE ELECTRICAL SERVICE PANEL) For one- and two-family dwellings and townhouses with attached private garages, install a dedicated 208/240-volt branch circuit, including an overcurrent protective device rated at 40 amperes minimum per dwelling unit for future EV charging, in accordance with *Marin County Building Code, Chapter 19.04.135*.
Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

DIVISION 4.2 ENERGY EFFICIENCY

- ✓ *All measures are required **(MANDATORY)** unless not in project scope.*
- ✓ *Use the Checkboxes (☒) to mark as Completed, Not Applicable (N/A), or the measure selected.*

4.201.1 (MANDATORY) Building meets or exceeds the requirements of the California Building Energy Efficiency Standards.
Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* pp G2.0, G2.1, G3.0

DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION

- ✓ *All measures are required **(MANDATORY)** unless not in project scope.*
- ✓ *Use the Checkboxes (☒) to mark as Completed, Not Applicable (N/A), or the measure selected.*

4.303.1 Indoor Water Use (MANDATORY) Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) installed in residential buildings shall comply with the prescriptive requirements of Sections 4.303.1.1 through 4.303.1.4.5.
Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* pp G3.0

4.303.1.4.3 Indoor Water Use (MANDATORY) – Metering faucets in residential buildings shall not deliver more than 0.2 gallons per cycle.
Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

4.303.2 Indoor Water Use (MANDATORY) – Submeters for multifamily building and dwelling units in mixed-use residential/commercial buildings. Submeters shall be installed to measure water usage of individual rental dwelling units in accordance with the *California Plumbing Code*.
Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

4.303.3 Indoor Water Use (MANDATORY) – Plumbing fixtures and fittings required in Section 4.303.1 shall be installed in accordance with the *California Plumbing Code* and shall meet the applicable referenced standards.
Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* pp G3.0

4.304.1 Outdoor Water Use (MANDATORY) – Residential developments shall comply with local water efficient landscape ordinance or the current California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.
Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

4.305.1 Water Reuse Systems (MANDATORY) – Newly constructed residential developments, where disinfected tertiary recycled water is available from a municipal source to a construction site, may be required to have recycled water supply systems installed, allowing the use of recycled water for residential landscape irrigation systems.
Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

JAYJEFFERS

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www.JayJeffers.com

ISSUES AND REVISIONS

No.	Date	Description	By
1	03.08.24	PERMIT SUBMITTAL	JS/BH

PROJECT SCOPE:
Residential interior remodel

PROJECT ADDRESS: [redacted]

OWNER:
[redacted]

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

Drawing Description:
GREEN BUILDING CHECKLIST

Drawn By: BH Checked By: JS

Sheet Number:
G2.0A

DIVISION 4.4 MATERIAL CONSERVATION & RESOURCE EFFICIENCY

- ✓ *All measures are required **(MANDATORY)** unless not in project scope.*
- ✓ *Use the Checkboxes (☒) to mark as Completed, Not Applicable (N/A), or the measure selected.*

A4.403.2 Foundation Systems (MANDATORY) – Cement use in foundation mix design is reduced in accordance with *Marin County Building Code, Chapter 19.07 – Carbon Concrete Requirements*. Select one Pathway and submit the appropriate compliance forms during Plan review AND for Final Inspection:

☐ Cement Limit Pathway

☐ For Plan Review: Design Team (Structural Engineer/Architect) Low Carbon Concrete Cement Compliance Form

☐ For Final Inspection: Contractor Low Carbon Concrete Cement Compliance Form accompanied by batch receipts from ready-mix supplier

☑ Embodied Carbon Pathway

☐ For Plan Review: Design Team (Structural Engineer/Architect) Low Carbon Concrete EC Compliance Form

☑ For Final Inspection: Contractor Low Carbon Concrete EC Compliance Form accompanied by batch receipts from ready-mix supplier

Plan sheet reference (if applicable): no concrete work for thsi project

A4.405.3 Material Sources (MANDATORY) – Postconsumer or preconsumer recycled content value (RCV) materials are used on the project, not less than a 10 percent recycled content value.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* pp G2.1

4.406.1 Enhanced Durability and Reduced Maintenance (MANDATORY) – 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.

Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

4.408.1 Construction Waste Reduction, Disposal and Recycling (MANDATORY) – Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with the reporting standards outlined by Zero Waste Marin.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* pp G2.1

A4.408.1 Construction Waste Reduction, Disposal and Recycling (MANDATORY) – Construction waste generated at the site is diverted to recycle or salvage in compliance with at least a 65 percent reduction. Any mixed recyclables that are sent to mixed-waste recycling facilities shall include a qualified third party verified facility average diversion rate. Verification of diversion rates shall meet minimum certification eligibility guidelines, acceptable to the local enforcing agency.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* pp G2.1

4.410.1 Building Maintenance and Operation (MANDATORY) – An operation and maintenance manual shall be provided to the building occupant or owner.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* appliance owner's manuals w/purchase

4.410.2 Building Maintenance and Operation (MANDATORY) – Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve all buildings on the site and is identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance if more restrictive.

Completed ☐ N/A ☑ *Plan sheet reference (if applicable):* _____

DIVISION 4.5 ENVIRONMENTAL QUALITY

- ✓ *All measures are required **(MANDATORY)** unless not in project scope.*
- ✓ *Use the Checkboxes (☒) to mark as Completed, Not Applicable (N/A), or the measure selected.*

4.503.1 Fireplaces (MANDATORY) – Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with the U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, pellet stoves and fireplaces shall also comply with applicable local ordinances in accordance with *Marin County Building Code, Chapter 19.08*

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.504.1 Pollutant Control (MANDATORY) – Duct openings and other related air distribution component openings shall be covered during construction.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.504.2.1 Pollutant Control (MANDATORY) – Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.504.2.2 Pollutant Control (MANDATORY) – Paints, stains and other coatings shall be compliant with VOC limits.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.504.2.3 Pollutant Control (MANDATORY) – Aerosol paints and coatings shall be compliant with product weighted MIR Limits for ROC and other toxic compounds.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.504.2.4 Pollutant Control (MANDATORY) – Documentation shall be provided to verify that compliant VOC limit finish materials have been used.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.504.3 Pollutant Control (MANDATORY) – Carpet and carpet systems shall be compliant with VOC limits.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.504.4 Pollutant Control (MANDATORY) – 80 percent of floor area receiving resilient flooring shall comply with specified VOC criteria.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.504.5 Pollutant Control (MANDATORY) – Particleboard, medium density fiberboard (MDF), and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

A4.504.2 Pollutant Control (MANDATORY) – Install VOC compliant resilient flooring systems. Ninety (90) percent of floor area receiving resilient flooring shall comply with the VOC-emission limits established in section A4.504.2.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

A4.504.3 Pollutant Control (MANDATORY) – Thermal insulation installed in the building shall be in compliance with VOC limits.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.505.2 Interior Moisture Control (MANDATORY) – Vapor retarder and capillary break is installed at slab on grade foundations.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.505.3 Interior Moisture Control (MANDATORY) – Moisture content of building materials used in wall and floor framing is checked before enclosure.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.506.1 Indoor Air Quality and Exhaust (MANDATORY) – Each bathroom shall be provided with the following:

1. ENERGY STAR fans ducted to terminate outside the building.
2. Fans must be controlled by a humidity control (Separate or built-in); OR functioning as a component of a whole-house ventilation system.
3. Humidity controls with manual or automatic means of adjustment, capable of adjustment between a relative humidity range of ≤ 50 percent to a maximum of 80 percent.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

4.507.2 Environmental Comfort (MANDATORY) – Duct systems are sized, designed, and equipment is selected using the following methods:

1. Establish heat loss and heat gain values according to ANSI/ACCA 2 Manual J-2016 or equivalent.
2. Size duct systems according to ANSI/ACCA 1 Manual D – 2016 or equivalent.
3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S-2014 or equivalent.

Completed ☑ N/A ☐ *Plan sheet reference (if applicable):* _____

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ISSUES AND REVISIONS

No.	Date	Description	By
1	03.08.24	PERMIT SUBMITTAL	JS/BH

PROJECT SCOPE:

Residential interior remodel

PROJECT ADDRESS:

[redacted]

OWNER:

[redacted]

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

Drawing Description:

GREEN BUILDING CHECKLIST

Drawn By: BH Checked By: JS

Sheet Number:

G2.0B

ZERO WASTE MARIN

Pre-Construction and Demolition Recycling Plan

Recycling Construction and Demolition (C&D) Materials is REQUIRED.

Project Name: [redacted]
Project Location: [redacted]
Building Permit #: _____ **Project Sq. Ft:** 2,758.79
Owner Name: [redacted] **Contractor Name:** Floyd Construction
Telephone: _____ **Telephone:** 415-485-0645

EASY METHOD

STEP 1
Project owners, contractors or other permit applicants must complete this form and sign on the next page.

STEP 2
Self-haul or have your debris box hauler deliver C&D materials to a Certified Facility for recycling.

STEP 3
Collect receipts from Certified Facilities for all loads, staple them to the "Post Construction Recycling Documentation" form (next page), and turn in the completed form prior to final inspection.

ADVANCED METHOD

STEP 1
Project owners, contractors or other permit applicants must review CALGreen code Title 24 and understand the requirements of Section 4.408, 5.408, 301.1.1 and 301.3.

STEP 2
Develop a Construction Waste Management Plan (CWMP). Submit the Pre-Construction Plan and your CWMP with your permit application. Keep copies for yourself.

STEP 3
Implement your CWMP. Provide complete documentation of recycling prior to final inspection.

PARTICIPATING JURISDICTIONS: BELVEDERE, CORTE MADERA, FAIRFAX, LARKSPUR, MILL VALLEY, ROSS, SAN ANSELMO, SAN RAFAEL, SAUSALITO, TIBURON, AND THE COUNTY OF MARIN

Forms are available electronically at http://zerowastemarin.org/businesses/certified-construction-and-demolition-facilities/

ZERO WASTE MARIN

Pre-Construction and Demolition Recycling Plan

EASY METHOD:

- **Reuse and/or deconstruct first.**
- **Direct all C&D materials to a Certified Facility.**
- **Save documentation of recycling and submit prior to final inspection.**

ADVANCED METHOD:

1. Develop a Construction Waste Management Plan (CWMP) as required and described under CALGreen code Title 24. Refer to CALGreen Chapter 8 for an example CWMP: http://codes.iccsafe.org/app/book/toc/2016/California/Green/index.html
   Identify construction and demolition waste materials that will be generated during this project, and how they will be diverted (reduce waste, recycling, reuse on the project, or salvage for future use or sale) or disposed. Please note that your project must meet the CALGreen requirement of minimum 65% diversion or more stringent local requirements.
2. Construction material generated on this project for transport to a recycling facility will be: (check appropriate box)
   ☐ Sorted on-site ☐ Deconstructed and/or reused ☐ Below the threshold of disposal per square foot under CALGreen
3. The method of waste tracking to be used on this project will be: (check one box)
   ☐ Weight ☐ Volume
4. I hereby (through selecting "Advanced Method" and signing below) certify that this project will adhere to the following:
   a. Every effort will be made to apply reuse and/or recycling measures to reduce the amount of construction waste and other materials sent to landfill. Whenever possible, site-sorted debris boxes shall be used to segregate construction materials to maximize materials diversion.
   b. All personnel who perform any work on the project site will receive and read a copy of the CWMP. Additionally, all personnel shall be instructed on the location and proper use of debris boxes for disposal of C&D materials.
   c. The process of waste management, recycling and reuse of construction materials will be monitored regularly to ensure compliance with the CWMP during the project.
   d. A record will be kept of the total amount of construction materials leaving the project site by weight or by volume and how these materials will be disposed or processed. This includes copies of tickets or detailed receipts from all loads of C&D materials removed from the project site, and documentation of which facility or facilities the material was delivered to.
   e. All supporting documentation which demonstrates compliance with the CWMP, CALGreen, and required diversion will be provided to the permitting jurisdiction upon completion of the project. You must calculate your diversion rate as part of this documentation!

I certify under penalty of perjury that I will recycle C&D materials from my project via (select one):

☐ **THE EASY METHOD:** Direct C&D materials to a Certified Facility (see "Certified Facilities List and Map") and submit documentation of recycling from Certified Facilities prior to final inspection; or

☐ **THE ADVANCED METHOD:** Ensure and prove recycling of C&D materials via your CWMP. Requires submission of detailed information per CALGreen code, careful tracking of all materials generated by your project, and submission of documentation of recycling prior to final inspection.

PRINT NAME _____ SIGNATURE _____ DATE _____

ZERO WASTE MARIN

Certified Facilities List & Map

Contact Certified Facilities for rates and materials accepted. All Certified Facilities meet CALGreen minimum diversion requirements. [Facilities indicated with asterisk (*) meet Tier 2 ≥ 75% diversion.] Certification updated and verified in 2016.

Mixed C&D Processing Facilities

1 Marin Resource Recovery Center
565 Jacoby St.
San Rafael, CA 94901
(415) 485-5646
marinsanitaryservice.com/marin-resource-recovery-center-mrrc/

2 Redwood Landfill & Recycling Center*
8950 Redwood Highway
Novato, CA 94945
(415) 408-9052
redwoodlandfill.wm.com

3 West Contra Costa Sanitary Landfill*
8951 Parr Blvd.
Richmond, CA 94801
(510) 970-7274
site.republicservices.com/site/richmond-ca/en/pages/candd.aspx

4 Devlin Road Recycling & Transfer Facility
889 Devlin Rd.
American Canyon, CA 94503
(707) 258-9005
naparecycling.com/devlinroadrecycling/

5 Asphalt Shingle Recyclers, LLC* (source separated inerts and asphalt shingles only)
5900 Coliseum Way
Oakland, CA 94621
(510) 636-1166
asrecyclers.com

6 Commercial Waste & Recycling, LLC*
725 Independent Rd.
Oakland, CA 94621
(510) 636-0852
commercialwasteandrecycling.com

7 Davis Street Transfer Station*
2615 Davis St.
San Leandro, CA 94577
(510) 638-2303
davisstreet.wm.com

8 Windsor Material Recovery Facility
590 Caletti Ave.
Windsor, CA 95492
(877) 698-8473
pacificsanitation.com/mrf-recycle-facility

Reuse Facilities

A Marin Community Benefit Cooperative*
844 B St.
San Rafael, CA 94901
(415) 454-9948

B Urban Ore*
900 Murray St.
Berkeley, CA 94710
(510) 841-7283
urbanore.com

10 The Away Station*
109 Broadway Blvd.
Fairfax, CA 94930
(415) 453-4221
theawaystation.org

11 Building Resources*
701 Amador St.
San Francisco, CA 94124
(415) 285-7814
buildingresources.org

11 Heritage Salvage*
1473 Petaluma Blvd. South
Petaluma, CA 94952
(707) 762-6277
heritagesalvage.com

A Daniel O. Davis, Inc.*
1051 Todd Rd.
Santa Rosa, CA 95407
(707) 585-1903
davisdemolition.com

ZERO WASTE MARIN

Post-Construction Recycling Documentation

EASY METHOD

Project Name: [redacted]
Project Location: [redacted]
Building Permit #: _____ **Project Sq. Ft:** 2,758.79
Owner Name: [redacted] **Contractor Name:** Floyd Construction
Telephone: _____ **Telephone:** 415-485-0645

Use this form to document C&D material recycling for the Easy Method:

- If self-hauling materials, staple "weight ticket" receipts from Certified Facilities to this form.
- If using a permitted debris box hauler, staple "weight ticket" receipts from Certified Facilities, which your hauler should provide, to this form. Be sure to specifically request these from your hauler!

Turn in the attached receipts prior to final inspection.

Tip: Log your receipt numbers in the table below in case of lost receipts. Certified Facilities may reprint copies upon request.

Date	Receipt #	Facility Name	Notes

PRINT NAME _____ SIGNATURE _____ DATE _____

Thank you for recycling!

JAYJEFFERS

1035 Post Street, San Francisco CA 94109
The Studio:415.921.8880 The Store:415.440.7300
www.JayJeffers.com

ISSUES AND REVISIONS

No.	Date	Description	By
1	03.08.24	PERMIT SUBMITTAL	JS/BH

PROJECT SCOPE:

Residential interior remodel

PROJECT ADDRESS: [redacted]

OWNER: [redacted]

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

Drawing Description:

ZERO WASTE CHECKLIST

Drawn By: BH Checked By: JS

Sheet Number:

G2.1

2022 Single-Family Residential Mandatory Requirements Summary

NOTE: Single-family residential buildings subject to the Energy Codes must comply with all applicable mandatory measures, regardless of the compliance approach used. Review the respective section for more information.
(04/2022)

Building Envelope:

§ 110.6(a)1:	**Air Leakage.** Manufactured fenestration, exterior doors, and exterior pet doors must limit air leakage to 0.3 CFM per square foot or less when tested per NFRC 400, ASTM E283, or AAMA/WDMA/CSA 101/I.S.2/A440-2011. *
§ 110.6(a)5:	**Labeling.** Fenestration products and exterior doors must have a label meeting the requirements of § 10-111(a).
§ 110.6(b):	**Field fabricated exterior doors and fenestration** products must use U-factors and solar heat gain coefficient (SHGC) values from Tables 110.6-A, 110.6-B, or JA4.5 for exterior doors. They must be caulked and/or weather stripped. *
§ 110.7:	**Air Leakage.** All joints, penetrations, and other openings in the building envelope that are potential sources of air leakage must be caulked, gasketed, or weather stripped.
§ 110.8(a):	**Insulation Certification by Manufacturers.** Insulation must be certified by the Department of Consumer Affairs, Bureau of Household Goods and Services (BHGS).
§ 110.8(g):	**Insulation Requirements for Heated Slab Floors.** Heated slab floors must be insulated per the requirements of § 110.8(g).
§ 110.8(i)	**Roofing Products Solar Reflectance and Thermal Emittance.** The thermal emittance and aged solar reflectance values of the roofing material must meet the requirements of § 110.8(i) and be labeled per §10-113 when the installation of a cool roof is specified on the CF1R.
§ 110.8(j)	**Radiant Barrier.** When required, radiant barriers must have an emittance of 0.05 or less and be certified to the Department of Consumer Affairs.
§ 150.0(a):	**Roof Deck, Ceiling and Rafter Roof Insulation.** Roof decks in newly constructed attics in climate zones 4 and 8-16 area-weighted average U-factor not exceeding U-0.184. Ceiling and rafter roofs minimum R-22 insulation in wood-frame ceiling, or area-weighted average U-factor must not exceed 0.043. Rafter roof alterations minimum R-19 or area-weighted average U-factor of 0.054 or less. Attic access doors must have permanently attached insulation using adhesive or mechanical fasteners. The attic access must be gasketed to prevent air leakage. Insulation must be installed in direct contact with a roof or ceiling which is sealed to limit infiltration and exfiltration, as specified in § 110.7, including but not limited to placing insulation either above or below the roof deck or on top of a drywall ceiling. *
§ 150.0(b):	**Loose-fill Insulation.** Loose-fill insulation must meet the manufacturer's required density for the labeled R-value.
§ 150.0(c)	**Wall Insulation.** Minimum R-13 insulation in 2x4 inch wood framing wall or have a U-factor of 0.102 or less, or R-20 in 2x6 inch wood framing or have a U-factor of 0.071 or less. Opaque non-framed assemblies must have an overall assembly U-factor not exceeding 0.102. Masonry walls must meet Tables 150.1-A or B. *
§ 150.0(d):	**Raised-floor Insulation.** Minimum R-19 insulation in raised-wood framed floor or 0.037 maximum U-factor. *
§ 150.0(f)	**Slab Edge Insulation.** Slab edge insulation must meet all of the following: have a water absorption rate, for the insulation material alone, without facings, no greater than 0.3 percent; have a water vapor permeance no greater than 2.0 perm per inch; be protected from physical damage and UV light deterioration; and, when installed as part of a heated slab floor, meet the requirements of § 110.8(g).
§ 150.0(g)1:	**Vapor Retarder.** In climate zones 1 through 16, the earth floor of unvented crawl space must be covered with a Class I or Class II vapor retarder. This requirement also applies to controlled ventilation crawl space for buildings complying with the exception to §150.0(d).
§ 150.0(g)2:	**Vapor Retarder.** In climate zones 14 and 16, a Class I or Class II vapor retarder must be installed on the conditioned space side of all insulation in all exterior walls, vented attics, and unvented attics with air-permeable insulation.
§ 150.0(q):	**Fenestration Products.** Fenestration, including skylights, separating conditioned space from unconditioned space or outdoors must have a maximum U-factor of 0.45, or area-weighted average U-factor of all fenestration must not exceed 0.45.

Fireplaces, Decorative Gas Appliances, and Gas Log:

§ 110.5(e)	**Pilot Light.** Continuously burning pilot lights are not allowed for indoor and outdoor fireplaces.
§ 150.0(e)1	**Closable Doors.** Masonry or factory-built fireplaces must have a closable metal or glass door covering the entire opening of the firebox.
§ 150.0(e)2:	**Combustion Intake.** Masonry or factory-built fireplaces must have a combustion outside air intake, which is at least six square inches in area and is equipped with a readily accessible, operable, and tight-fitting damper or combustion-air control device. *
§ 150.0(e)3:	**Flue Damper.** Masonry or factory-built fireplaces must have a flue damper with a readily accessible control. *

Space Conditioning, Water Heating, and Plumbing System:

§ 110.0-§ 110.3:	**Certification.** Heating, ventilation, and air conditioning (HVAC) equipment, water heaters, showerheads, faucets, and all other regulated appliances must be certified by the manufacturer to the California Energy Commission.
§ 110.2(a):	**HVAC Efficiency.** Equipment must meet the applicable efficiency requirements in Table 110.2-A through Table 110.2-N. *
§ 110.2(b):	**Controls for Heat Pumps with Supplementary Electric Resistance Heaters.** Heat pumps with supplementary electric resistance heaters must have controls that prevent supplementary heater operation when the heating load can be met by the heat pump alone; and in which the cut-on temperature for compression heating is higher than the cut-on temperature for supplementary heating, and the cut-off temperature for compression heating is higher than the cut-off temperature for supplementary heating.
§ 110.2(c):	**Thermostats.** All heating or cooling systems not controlled by a central energy management control system (EMCS) must have a setback thermostat. *
§ 110.3(c)3:	**Insulation.** Unfired service water heater storage tanks and solar water-heating backup tanks must have adequate insulation, or tank surface heat loss rating.
§ 110.3(c)6:	**Isolation Valves.** Instantaneous water heaters with an input rating greater than 6.8 kBtu per hour (2 kW) must have isolation valves with hose bibbs or other fittings on both cold and hot water lines to allow for flushing the water heater when the valves are closed.

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2022 Single-Family Residential Mandatory Requirements Summary

§ 110.5:	**Pilot Lights.** Continuously burning pilot lights are prohibited for natural gas: fan-type central furnaces; household cooking appliances (except appliances without an electrical supply voltage connection with pilot lights that consume less than 150 Btu per hour), and pool and spa heaters. *
§ 150.0(h)1:	**Building Cooling and Heating Loads.** Heating and/or cooling loads are calculated in accordance with the ASHRAE Handbook, Equipment Volume, Applications Volume, and Fundamentals Volume; the SMACNA Residential Comfort System Installation Standards Manual; or the ACCA Manual J using design conditions specified in § 150.0(h)2.
§ 150.0(h)3A:	**Clearances.** Air conditioner and heat pump outdoor condensing units must have a clearance of at least five feet from the outlet of any dryer.
§ 150.0(h)3B:	**Liquid Line Drier.** Air conditioners and heat pump systems must be equipped with liquid line filter driers if required, as specified by the manufacturer's instructions.
§ 150.0(j)1:	**Water Piping, Solar Water-heating System Piping, and Space Conditioning System Line Insulation.** All domestic hot water piping must be insulated as specified in § 609.11 of the California Plumbing Code. *
§ 150.0(j)2:	**Insulation Protection.** Piping insulation must be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind as required by §120.3(b). Insulation exposed to weather must be water retardant and protected from UV light (no adhesive tapes). Insulation covering chilled water piping and refrigerant suction piping located outside the conditioned space must include, or be protected by, a Class I or Class II vapor retarder. Pipe insulation buried below grade must be installed in a waterproof and non-crushable casing or sleeve.
§ 150.0(n)1	**Gas or Propane Water Heating Systems.** Systems using gas or propane water heaters to serve individual dwelling units must designate a space at least 2.5' x 2.5' x 7' suitable for the future installation of a heat pump water heater, and meet electrical and plumbing requirements, based on the distance between this designated space and the water heater location; and a condensate drain no more than 2' higher than the base of the water heater.
§ 150.0(n)3:	**Solar Water-heating Systems.** Solar water-heating systems and collectors must be certified and rated by the Solar Rating and Certification Corporation (SRCC), the International Association of Plumbing and Mechanical Officials, Research and Testing (IAPMO R&T), or by a listing agency that is approved by the executive director.

Ducts and Fans:

§ 110.8(g)3:	**Ducts.** Insulation installed on an existing space-conditioning duct must comply with § 604.0 of the California Mechanical Code (CMC). If a contractor installs the insulation, the contractor must certify to the customer, in writing, that the insulation meets this requirement.
§ 150.0(m)1	**CMC Compliance.** All air-distribution system ducts and plenums must meet CMC §§ 601.0-605.0 and ANSI/SMACNA-006-2006 HVAC Duct Construction Standards Metal and Flexible 3rd Edition. Portions of supply-air and return-air ducts and plenums must be insulated to R-6.0 or higher; ducts located entirely in conditioned space as confirmed through field verification and diagnostic testing (RA3.1.4.3.8) do not require insulation. Connections of metal ducts and inner core of flexible ducts must be mechanically fastened. Openings must be sealed with mastic, tape, or other duct-closure system that meets the applicable UL requirements, or aerosol sealant that meets UL 723. The combination of mastic and either mesh or tape must be used to seal openings greater than ¼". If mastic or tape is used. Building cavities, air handler support platforms, and plenums designed or constructed with materials other than sealed sheet metal, duct board or flexible duct must not be used to convey conditioned air. Building cavities and support platforms may contain ducts; ducts installed in these spaces must not be compressed. *
§ 150.0(m)2:	**Factory-Fabricated Duct Systems.** Factory-fabricated duct systems must comply with applicable requirements for duct construction, connections, and closures; joints and seams of duct systems and their components must not be sealed with cloth back rubber adhesive duct tapes unless such tape is used in combination with mastic and draw bands.
§ 150.0(m)3	**Field-Fabricated Duct Systems.** Field-fabricated duct systems must comply with applicable requirements for pressure-sensitive tapes, mastics, sealants, and other requirements specified for duct construction.
§ 150.0(m)7:	**Backdraft Damper.** Fan systems that exchange air between the conditioned space and outdoors must have backdraft or automatic dampers.
§ 150.0(m)8:	**Gravity Ventilation Dampers.** Gravity ventilating systems serving conditioned space must have either automatic or readily accessible, manually operated dampers in all openings to the outside, except combustion inlet and outlet air openings and elevator shaft vents.
§ 150.0(m)9:	**Protection of Insulation.** Insulation must be protected from damage due tosunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather must be suitable for outdoor service (e.g., protected by aluminum, sheet metal, painted canvas, or plastic cover). Cellular foam insulation must be protected as above or painted with a water retardant and solar radiation-resistant coating.
§ 150.0(m)10:	**Porous Inner Core Flex Duct.** Porous inner cores of flex ducts must have a non-porous layer or air barrier between the inner core and outer vapor barrier.
§ 150.0(m)11:	**Duct System Sealing and Leakage Test.** When space conditioning systems use forced air duct systems to supply conditioned air to an occupiable space, the ducts must be sealed and duct leakage tested, as confirmed through field verification and diagnostic testing, in accordance with Reference Residential Appendix RA3.1.
§ 150.0(m)12:	**Air Filtration.** Space conditioning systems with ducts exceeding 10 feet and the supply side of ventilation systems must have MERV 13 or equivalent filters. Filters for space conditioning systems must have a two inch depth or can be one inch if sized per Equation 150.0-A. Clean-filter pressure drop and labeling must meet the requirements in §150.0(m)12. Filters must be accessible for regular service. Filter racks or grilles must use gaskets, sealing, or other means to close gaps around the inserted filters to and prevents air from bypassing the filter. *

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§ 150.0(m)13	**Space Conditioning System Airflow Rate and Fan Efficacy.** Space conditioning systems that use ducts to supply cooling must have a hole for the placement of a static pressure probe, or a permanently installed static pressure probe in the supply plenum. Airflow must be ≥ 350 CFM per ton of nominal cooling capacity, and an air-handling unit fan efficacy ≤ 0.45 watts per CFM for gas furnace air handlers and ≤ 0.58 watts per CFM for all others. Small duct high velocity systems must provide an airflow ≥ 250 CFM per ton of nominal cooling capacity, and an air-handling unit fan efficacy ≤ 0.62 watts per CFM. Field verification testing is required in accordance with Reference Residential Appendix RA3.3. *

Ventilation and Indoor Air Quality:

§ 150.0(o)1:	**Requirements for Ventilation and Indoor Air Quality.** All dwelling units must meet the requirements of ASHRAE Standard 62.2, Ventilation and Acceptable Indoor Air Quality in Residential Buildings subject to the amendments specified in § 150.0(o)1. *
§ 150.0(o)1B:	**Central Fan Integrated (CFI) Ventilation Systems.** Continuous operation of CFI air handlers is not allowed to provide the whole-dwelling unit ventilation airflow required per §150.0(o)1C. A motorized damper(s) must be installed on the ventilation duct(s) that prevents all airflow through the space conditioning duct system when the damper(s) is closed andcontrolled per §150.0(o)1Biii&iv. CFI ventilation systems must have controls that track outdoor air ventilation run time, and either open orclose the motorized damper(s) for compliance with §150.0(o)1C.
§ 150.0(o)1C:	**Whole-Dwelling Unit Mechanical Ventilation for Single-Family Detached and townhouses.** Single-family detached dwelling units, and attached dwelling units not sharing ceilings or floors with other dwelling units, occupiable spaces, public garages, or commercial spaces must have mechanical ventilation airflow specified in § 150.0(o)1Ci-iii.
§ 150.0(o)1G:	**Local Mechanical Exhaust.** Kitchens and bathrooms must have local mechanical exhaust; nonenclosed kitchens must have demand-controlled exhaust system meeting requirements of §150.0(o)1Gii,enclosed kitchens and bathrooms can use demand-controlled or continuous exhaust meeting §150.0(o)1Giii-iv. Airflow must be measured by the installer per §150.0(o)1Gv, and rated for sound per §150.0(o)1Gvi. *
§ 150.0(o)1H&I:	**Airflow Measurement and Sound Ratings of Whole-Dwelling Unit Ventilation Systems.** The airflow required per § 150.0(o)1C must be measured by using a flow hood, flow grid, or other airflow measuring device at the fan's inlet or outlet terminals/grilles per Reference Residential Appendix RA3.7. Whole-Dwelling unit ventilation systems must be rated for sound per ASHRAE 62.2 §7.2 at no less than the minimum airflow rate required by § 150.0(o)1C.
§ 150.0(o)2:	**Field Verification and Diagnostic Testing.** Whole-Dwelling Unit ventilation airflow, vented range hood airflow and sound rating, and HRV and ERV fan efficacy must be verified in accordance with Reference Residential Appendix RA3.7. Vented range hoods must be verified per Reference Residential Appendix RA3.7.4.3 to confirm if it is rated by HVI or AHAM to comply with the airflow rates and sound requirements per §150.0(o)1G.

Pool and Spa Systems and Equipment:

§ 110.4(a):	**Certification by Manufacturers.** Any pool or spa heating system or equipment must be certified to have all of the following: compliance with the Appliance Efficiency Regulations and listing in MAEDbS; an on-off switch mounted outside of the heater that allows shutting off the Heater without adjusting the thermostat setting, a permanent weatherproof plate or card with operating instructions; and must not use electric resistance heating. *
§ 110.4(b)1:	**Piping.** Any pool or spa heating system or equipment must be installed with at least 36 inches of pipe between the filter and the heater, or dedicated suction and return lines, or built-in or built-up connections to allow for future solar heating.
§ 110.4(b)2:	**Covers.** Outdoor pools or spas that have a heat pump or gas heater must have a cover.
§ 110.4(b)3:	**Directional Inlets and Time Switches for Pools.** Pools must have directional inlets that adequately mix the pool water, and a time switch that will allow all pumps to be set or programmed to run only during off-peak electric demand periods.
§ 110.5:	**Pilot Light.** Natural gas pool and spa heaters must not have a continuously burning pilot light.
§ 150.0(p):	**Pool Systems and Equipment Installation.** Residential pool systems or equipment must meet the specified requirements for pump sizing, flow rate, piping, filters, and valves. *

Lighting:

§ 110.9:	**Lighting Controls and Components.** All lighting control devices and systems, ballasts, and luminaires must meet the applicable requirements of § 110.9. *
§ 150.0(k)1A:	**Luminaire Efficacy.** All installed luminaires must meet the requirements in Table 150.0-A, except lighting integral to exhaust fans, kitchen range hoods, bath vanity mirrors, and garage door openers, navigation lighting less than5 watts; and lighting internal to drawers, cabinets, and linen closets with an efficacy of at least 45 lumens per watt.
§ 150.0(k)1B:	**Screw based luminaires.** Screw based luminaires must contain lamps that comply with Reference Joint Appendix JA8. *
§ 150.0(k)1C:	**Recessed Downlight Luminaires In Ceilings.** Luminaires recessed into ceilings must not contain screw based sockets, must be airtight, and must be sealed with a gasket or caulk. California Electrical Code § 410.116 must also be met.
§ 150.0(k)1D:	**Light Sources in Enclosed or Recessed Luminaires.** Lamps and other separable light sources that are not compliant with the JA8 elevated temperature requirements, including marking requirements, must not be installed in enclosed or recessed luminaires.
§ 150.0(k)1E:	**Blank Electrical Boxes.** The number of electrical boxes that are more than five feet above the finished floor and do not contain a luminaire or other device shall be no more than the number of bedrooms. These boxes must be served by a dimmer, vacancy sensor control, low voltage wiring, or fan speed control.
§ 150.0(k)1F:	**Lighting Integral to Exhaust Fans.** Lighting integral to exhaust fans (except when installed by the manufacturer in kitchen exhaust hoods) must meet the applicable requirements of § 150.0(k). *

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§ 150.0(k)1G:	**Screw based luminaires.** Screw based luminaires must contain lamps that comply with Reference Joint Appendix JA8. *
§ 150.0(k)1H:	**Light Sources in Enclosed or Recessed Luminaires.** Lamps and other separable light sources that are not compliant with the JA8 elevated temperature requirements, including marking requirements, must not be installed in enclosed or recessed luminaires.
§ 150.0(k)1I:	**Light Sources in Drawers, Cabinets, and Linen Closets.** Light sources internal to drawers, cabinetry or linen closets are not required to comply with Table 150.0-A or be controlled by vacancy sensors provided that they are rated to consume no more than 5 watts of power, emit no more than 150 lumens, and are equipped with controls that automatically turn the lighting off when the drawer, cabinet or linen closet is closed.
§ 150.0(k)2A:	**Interior Switches and Controls.** All forward phase cut dimmers used with LED light sources must comply with NEMA SSL 7A.
§ 150.0(k)2B:	**Interior Switches and Controls.** Exhaust fans must be controlled separately from lighting systems. *
§ 150.0(k)2A:	**Accessible Controls.** Lighting must have readily accessible wall-mounted controls that allow the lighting to be manually turned on and off. *
§ 150.0(k)2B:	**Multiple Controls.** Controls must not bypass a dimmer, occupant sensor, or vacancy sensor function if the dimmer or sensor is installed to comply with § 150.0(k).
§ 150.0(k)2C:	**Mandatory Requirements.** Lighting controls must comply with the applicable requirements of § 110.9.
§ 150.0(k)2D:	**Energy Management Control Systems.** An energy management control system (EMCS) may be used to comply with dimming, occupancy, and control requirements if it provides the functionality of the specified control per § 110.9 and the physical controls specified in § 150.0(k)2A.
§ 150.0(k)2E:	**Automatic Shutoff Controls.** In bathrooms, garages, laundry rooms, utility rooms and walk-in closets, at least one installed luminaire must be controlled by an occupancy or vacancy sensor providing automatic-off functionality. Lighting inside drawers and cabinets with opaque fronts or doors must have controls that turn the light off when the drawer or door is closed.
§ 150.0(k)2F:	**Dimmers.** Lighting in habitable spaces (e.g., living rooms, dining rooms, kitchens, and bedrooms) must have readily accessible wall-mounted dimming controls that allow the lighting to be manually adjusted up and down. Forward phase cut dimmers controlling LED light sources in these spaces must comply with NEMA SSL 7A.
§ 150.0(k)2K:	**Independent controls.** Integrated lighting of exhaust fans shall be controlled independently from the fans. Lighting under cabinets or shelves, lighting in display cabinets, and switched outlets must be controlled separately from ceiling-installed lighting.
§ 150.0(k)3A:	**Residential Outdoor Lighting.** For single-family residential buildings, outdoor lighting permanently mounted to a residential building, or to other buildings on the same lot, must have a manual on/off switch and either a photocell and motion sensor or automatic time switch control) or an astronomical time clock. An energy management control system that provides the specified control functionality and meets all applicable requirements may be used to meet these requirements.
§ 150.0(k)4:	**Internally Illuminated address signs.** Internally illuminated address signs must either comply with § 140.8 or consume no more than 5 watts of power.
§ 150.0(k)5:	**Residential Garages for Eight or More Vehicles.** Lighting for residential parking garages for eight or more vehicles must comply with the applicable requirements for nonresidential garages in §§ 110.9, 130.0, 130.1, 130.4, 140.6, and 141.0.

Solar Readiness:

§ 110.10(a)1:	**Single-family Residences.** Single-family residences located in subdivisions with 10 or more single-family residences and where the application for a tentative subdivision map for the residences has been deemed complete and approved by the enforcement agency, which do not have a photovoltaic system installed, must comply with the requirements of § 110.10(b)-(e).
§110.10(b)1A:	**Minimum Solar Zone Area.** The solar zone must have a minimum total area as described below. The solar zone must comply with access, pathway, smoke ventilation, and spacing requirements as specified in Title 24, Part 9 or other parts of Title 24 or in any requirements adopted by a local jurisdiction. The solar zone total area must be comprised of areas that have no dimension less than 5 feet and are no less than 80 square feet each for buildings with roof areas less than or equal to 10,000 square feet or no less than 160 square feet each for buildings with roof areas greater than 10,000 square feet. For single-family residences, the solar zone must be located on the roof or overhang of the building and have a total area no less than 250 square feet. *
§ 110.10(b)2:	**Azimuth.** All sections of the solar zone located on sleep-sloped roofs must have an azimuth between 90-300° of true north.
§ 110.10(b)3A:	**Shading.** The solar zone must not contain any obstructions, including but not limited to: vents, chimneys, architectural features, and roof mounted equipment.
§ 110.10(b)3B:	**Shading.** Any obstruction located on the roof or any other part of the building that projects above a solar zone must be located at least twice the horizontal distance of the height difference between the highest point of the obstruction and the horizontal projection of the nearest point of the solar zone, measured in the vertical plane. *
§ 110.10(b)4:	**Structural Design Loads on Construction Documents.** For areas of the roof designated as a solar zone, the structural design loads for roof dead load and roof live load must be clearly indicated on the construction documents.
§ 110.10(c):	**Interconnection Pathways.** The construction documents must indicate: a location reserved for inverters and metering equipment and a pathway reserved for routing of conduit from the solar zone to the point of interconnection with the electrical service, and for single-family residences and central water-heating systems, a pathway reserved for routing plumbing from the solar zone to the water-heating system.
§ 110.10(d):	**Documentation.** A copy of the construction documents or a comparable document indicating the information from§ 110.10(b)-(c) must be provided to the occupant.
§ 110.10(e)1:	**Main Electrical Service Panel.** The main electrical service panel must have a minimum busbar rating of 200 amps.
§ 110.10(e)2:	**Main Electrical Service Panel.** The main electrical service panel must have a reserved space to allow for the installation of a double pole circuit breaker for a future solar electric installation. The reserved space must be permanently marked as "For Future Solar Electric."

Electric and Energy Storage Ready:

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2022 Single-Family Residential Mandatory Requirements Summary

§ 150.0(s)	**Energy Storage System (ESS) Ready.** All single-family residences must meet all of the following: Either ESS-ready interconnection equipment with backed up capacity of 60 amps or more and four or more ESS supplied branch circuits, or a dedicated raceway from the main service to a subpanel that supplies the branch circuits in § 150.0(s), at least four branch circuits must be identified and have their source collocated at a single panelboard suitable to be supplied by the ESS, with one circuit supplying the refrigerator, one lighting circuit near the primary exit, and one circuit supplying a sleeping room receptacle outlet; main panelboard must have a minimum busbar rating of 225 amps; sufficient space must be reserved to allow future installation of a system isolation equipment/transfer switch within 3' of the main panelboard, with raceways installed between the panelboard and the switch location to allow the connection of backup power source.
§ 150.0(t)	**Heat Pump Space Heater Ready.** Systems using gas or propane furnaces to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit wiring installed within 3' of the furnace with circuit conductors rated at least 30 amps with the blank cover identified as "240V ready," and a reserved main electrical service panel space to allow for the installation of a double pole circuit breaker permanently marked as "For Future 240V use."
§ 150.0(u)	**Electric Cooktop Ready.** Systems using gas or propane cooktop to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit wiring installed within 3' of the cooktop with circuit conductors rated at least 50 amps with the blank cover identified as "240V ready," and a reserved main electrical service panel space to allow for the installation of a double pole circuit breaker permanently marked as "For Future 240V use."
§ 150.0(v)	**Electric Clothes Dryer Ready.** Clothes dryer locations with gas or propane plumbing to serve individual dwelling units must include: A dedicated unobstructed 240V branch circuit wiring installed within 3' of the dryer location with circuit conductors rated at least 30 amps with the blank cover identified as "240V ready," and a reserved main electrical service panel space to allow for the installation of a double pole circuit breaker permanently marked as "For Future 240V use."

*Exceptions may apply.

5/6/22

JAYJEFFERS

1035 Post Street, San Francisco CA 94109
The Studio:415.921.8880 The Store:415.440.7300
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ISSUES AND REVISIONS

No.	Date	Description	By
1	03.08.24	PERMIT SUBMITTAL	JS/BH

PROJECT SCOPE:

Residential interior remodel

PROJECT ADDRESS:

OWNER:

[redacted]

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

Drawing Description:
SINGLE-FAMILY RESIDENTIAL MANDATORY REQUIREMENTS SUMMARY

Drawn By: BH Checked By: JS

Sheet Number:
G3.0

ATIONS TO SPACE CONDITIONING SYSTEMS (FORMERLY CF-1R-ALT-HVAC)

CF1R-ALT-02-E

[redacted]	**Enforcement Agency:** Mill Valley, City of
[redacted]	**Permit Number:**
[redacted]	**Permit Application Date:** 2024-03-04

ms contained within a single dwelling unit.

[redacted]	**02 Date Prepared**	2024-03-04
	04 Building Type	Single family
	06 Dwelling Unit Name	[redacted]
	08 Dwelling Unit Conditioned Floor Area (ft²)	2656
	10 Number of Space Conditioning (SC) Systems in this Dwelling Unit:	1

	05	06	07	08	09	10
ystem a ystem?	Installing a refrigerant containing component?	Installing new SC system components?	Installing more than 25 feet of ducts?	Installing entirely new duct system?	Installing entirely new SC system?	Alteration Type
s	Yes	Yes	No	No	No	Altered space conditioning system

ALTERATIONS TO SPACE CONDITIONING SYSTEMS (FORMERLY CF-1R-ALT-HVAC)

CALIFORNIA ENERGY COMMISSION

CF1R-ALT-02-E

C. Extension of Existing Duct System, Greater Than 25 Feet (Section150.2(b)1Diib)

This section does not apply to this project.

D. Altered Space Conditioning System (Sections 150.2(b)1E and F)

01	02	03	04	05	06	07	08	09	010	11	12	13	14
System ID/ Name	SC System Description of Area Served	Heating System Type	Altered Heating Components	Heating Efficiency Type	Heating Minimum Efficiency Value	Cooling System Type	Altered Cooling Components	Cooling Efficiency Type	Cooling Minimum Efficiency Value SEER/SEER2	Cooling Minimum Efficiency Value EER/EER2/CEER	Required Thermostat Type	New or Replaced Duct Length	New Duct R-Value
New AC	Location 1	Central gas furnace	No Heating Component Altered	n/a	n/a	Central split AC	All new cooling components	EERSEER	14	11.7	Setback	N/A - no ducts replaced.	n/a

Required Documentation:
CF2R-MCH-01-E - Space Conditioning Systems
- Duct insulation requirement for the new portions of supply-air and return-air ducts or plenums: R6 (CZ 3, 5-7) and R8 (CZ 1, 2, 4, 8-16)
CF2R and CF3R-MCH-20-H - Duct Leakage Test required when heating or cooling components are installed in ducted systems, or when more than 25 ft of duct length is replaced
-Leakage rate compliance: less than or equal to 10% or less than or equal to 7% leakage to outside, or seal all accessible leaks.
CF2R and CF3R-MCH-25-H Refrigerant Charge verification required when refrigerant containing components are installed or altered (applicable in CZ 2, 8-15).
CF2R and CF3R-MCH-23 Airflow Rate greater than or equal to 300 CFM per ton required when MCH-25 is required.
Exceptions:
- Duct systems registered with HERS provider as previously sealed are exempt from MCH-20 Duct Leakage Testing requirements.
- Heating-only systems and Air Handler Furnace changes do not require verification of Air Flow MCH-23, or Refrigerant Charge MCH-25.
-Existing duct systems constructed, insulated or sealed with asbestos are exempt from MCH-20 Duct Leakage Testing requirements.

E. Entirely New or Complete Replacement Duct System, with or without Equipment Changeout (Sections 150.2(b)1Dia and 150.2(b)1E, F)

This section does not apply to this project.

F. Entirely New or Complete Replacement Space Conditioning System (Section 150.2(b)1C)

This section does not apply to this project.

ATIONS TO SPACE CONDITIONING SYSTEMS (FORMERLY CF-1R-ALT-HVAC)

CF1R-ALT-02-E

omplete.

	Documentation Author Signature: Samuel Suzuki
	Signature Date: 2024-03-04
	CEA/ HERS Certification Identification (if applicable):
	Phone: 415-457-0990

of the State of California:
liance is true and correct.
fessions Code to accept responsibility for the building design or system design identified on this Certificate of

materials, components, and manufactured devices for the building design or system design identified on this
its of Title 24, Part 1 and Part 6 of the California Code of Regulations.
es identified on this Certificate of Compliance are consistent with the information provided on other applicable
ins and specifications submitted to the enforcement agency for approval with this building permit application.
of Compliance shall be made available with the building permit(s) issued for the building, and made available to
s, and I will take the necessary steps to accomplish this requirement.
of Compliance is required to be included with the documentation the builder provides to the building owner at
mplish these requirements.

	Responsible Designer Signature: Matt Wilson
	Date Signed: 2024-03-04
	License: 365653
	Phone: 4154850645

This digital signature is provided in order to secure the content of
ility for the accuracy of the information.

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ISSUES AND REVISIONS

No.	Date	Description	By
1	03.08.24	PERMIT SUBMITTAL	JS/BH

PROJECT SCOPE:

Residential interior remodel

PROJECT ADDRESS: [redacted]

OWNER: [redacted]

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

Drawing Description:

TITLE 24 COMPLIANCE

Drawn By: BH Checked By: JS

Sheet Number:

G4.0

LOWER LEVEL EXISTING/DEMO PLAN
Scale: 1/4" = 1'-0"

1

UPPER LEVEL EXISTING/DEMO PLAN
Scale: 1/4" = 1'-0"

2

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[redacted]

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Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

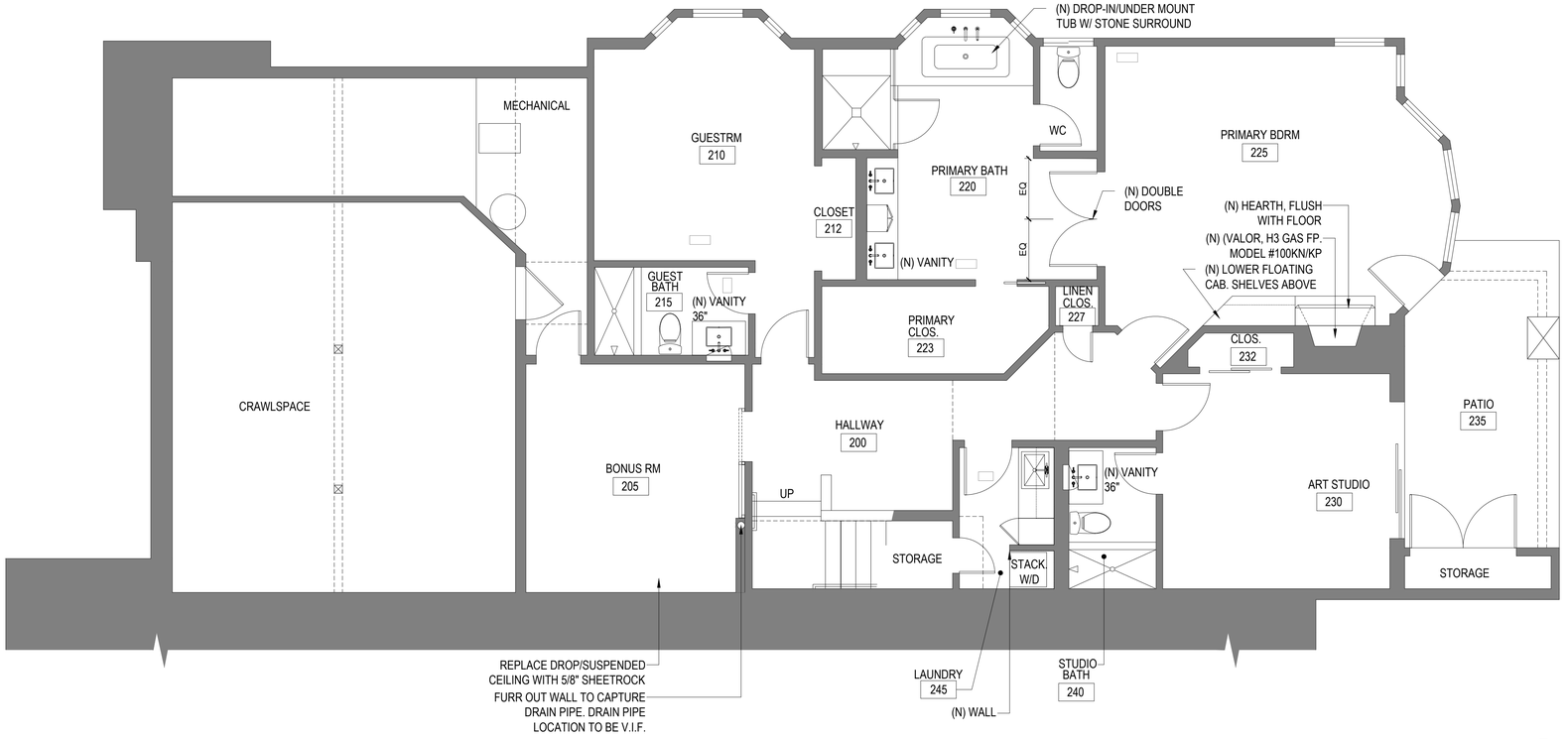
Drawing Description:

EXISTING/DEMO PLANS

Drawn By: BH Checked By: JS

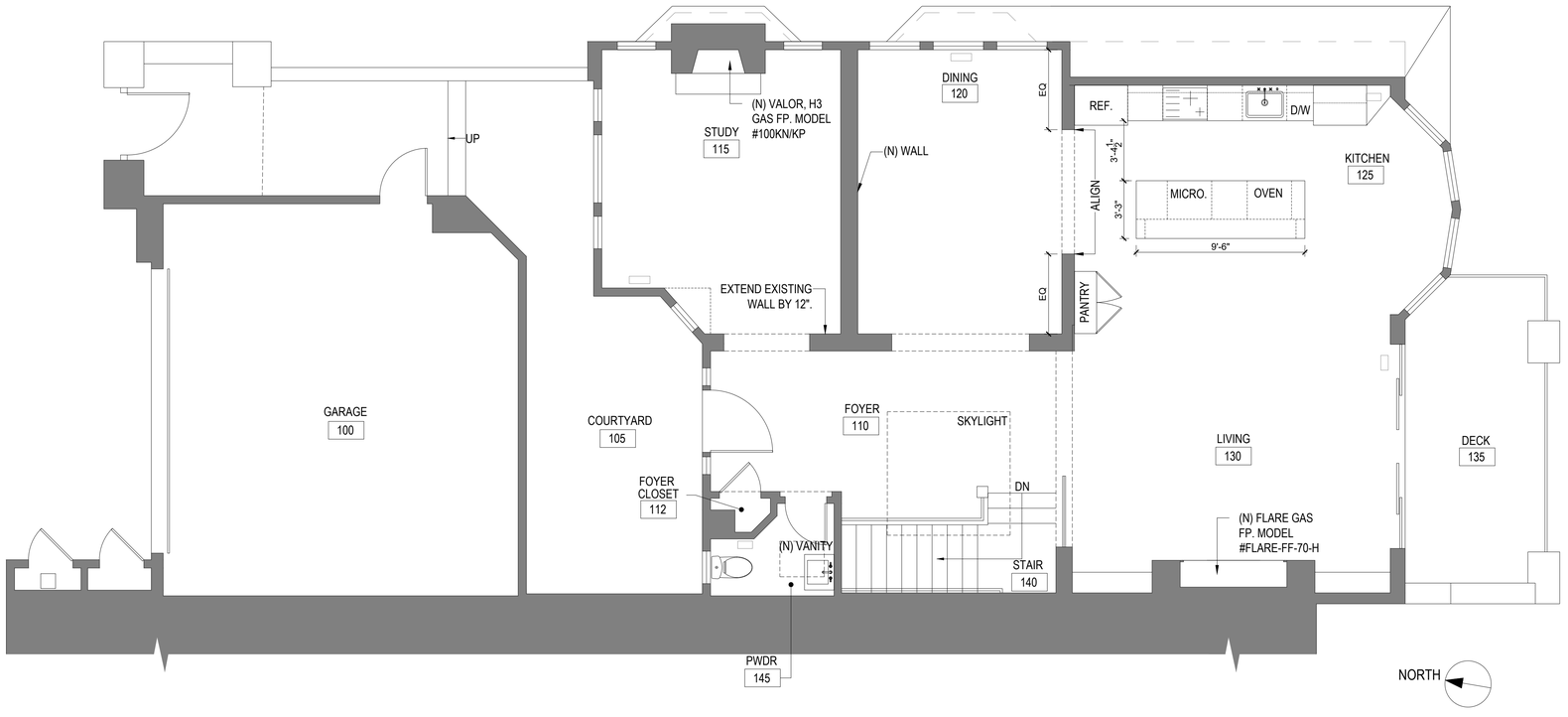
Sheet Number:

ID100



LOWER LEVEL PROPOSED FLOOR PLAN
Scale: 1/4" = 1'-0"

1



UPPER LEVEL PROPOSED FLOOR PLAN
Scale: 1/4" = 1'-0"

2

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PROJECT SCOPE:

Residential interior remodel

PROJECT ADDRESS:

[redacted]

OWNER:

[redacted]

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

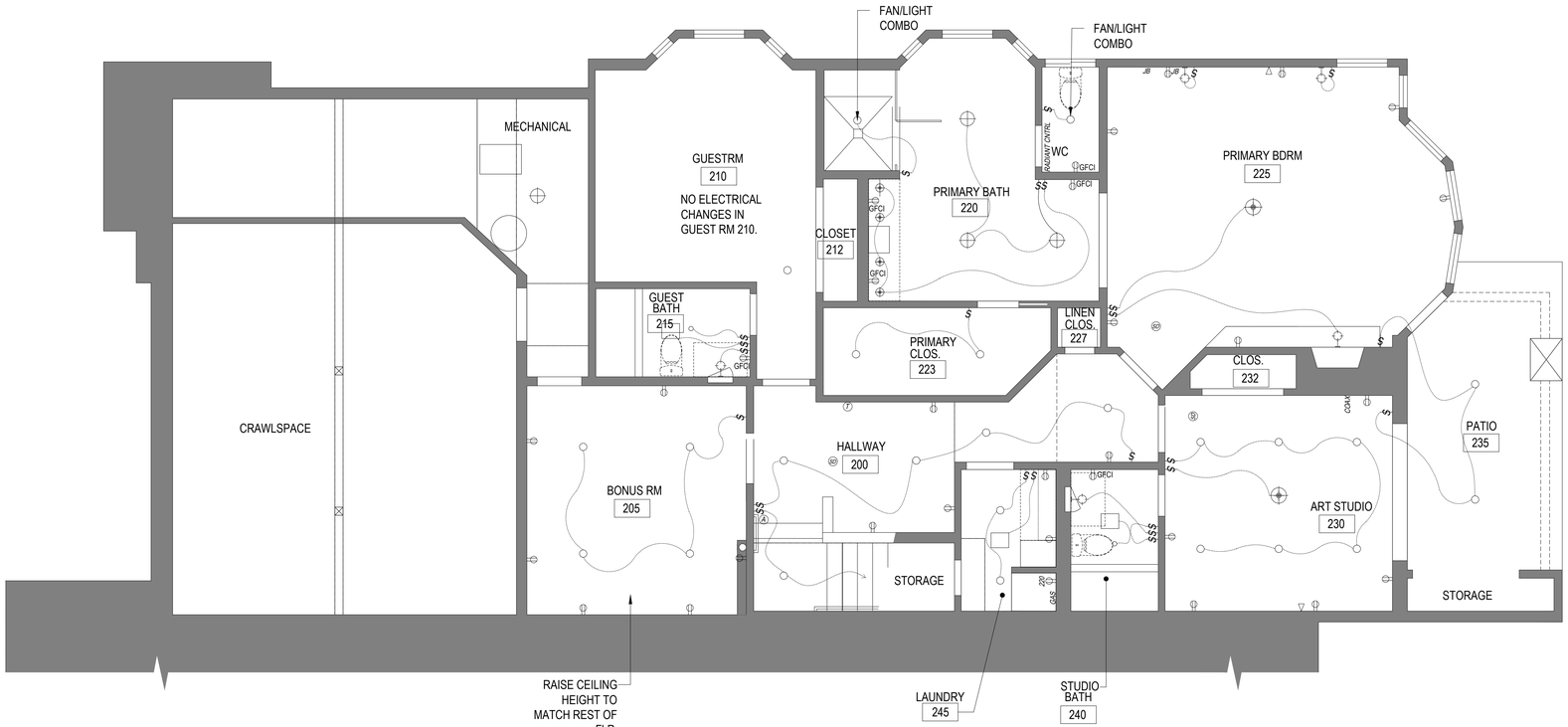
Drawing Description:

PROPOSED FLOOR PLANS

Drawn By: BH Checked By: JS

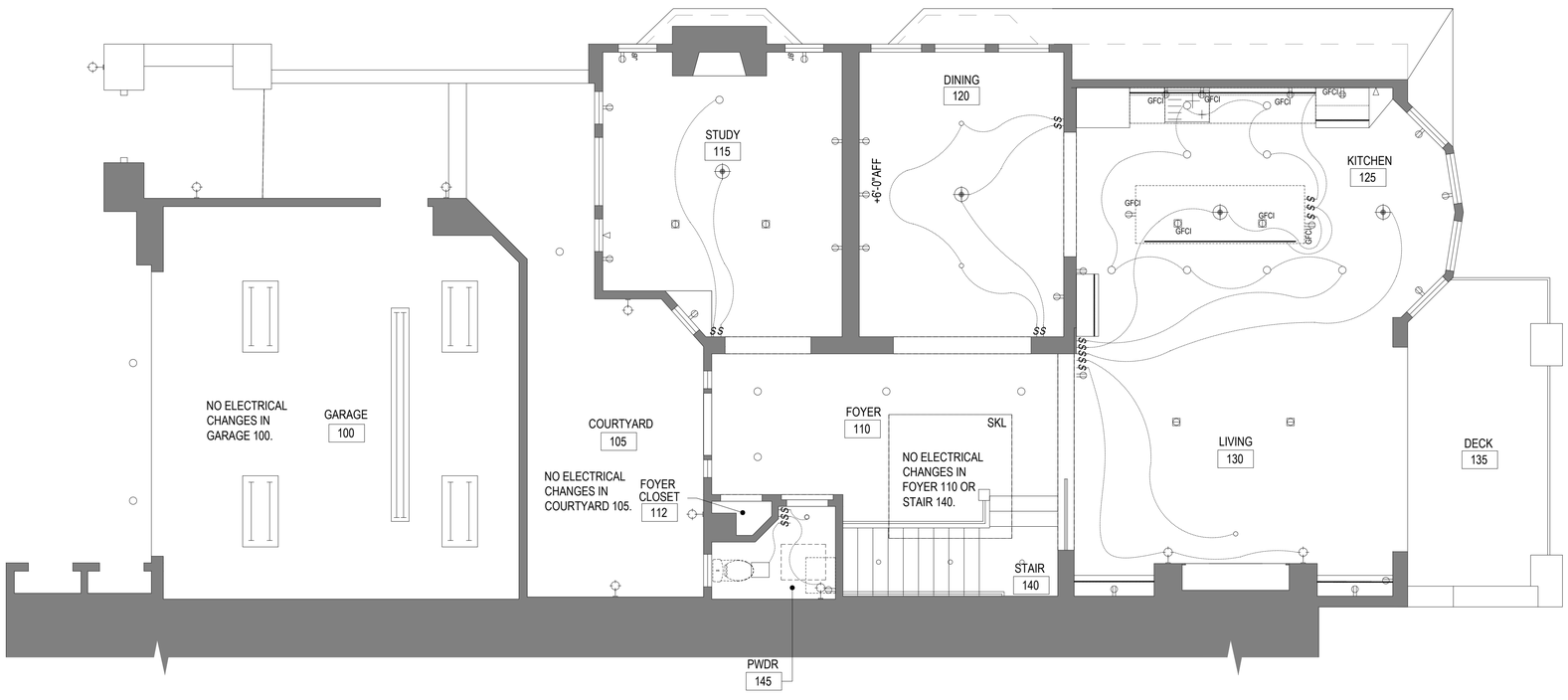
Sheet Number:

ID101



LOWER LEVEL LIGHTING/ELECTRICAL PLAN
Scale: 1/4" = 1'-0"

1



UPPER LEVEL LIGHTING/ELECTRICAL PLAN
Scale: 1/4" = 1'-0"

2

LEGEND

- FLUSH MNT OR SEMI-FLUSH MNT
- CHANDELIER OR PENDANT
- SCONCE
- ARCHITECTURAL RECESSED CAN
- UNDER CABINET/INTEGRATED LIGHTING
- FLUORESCENT LIGHT
- SWITCH (1, 2, 3, ETC.)
- DUPLEX OUTLET
- QUADPLEX OUTLET
- GFCI GROUND FAULT CIRCUIT INTERRUPTER DUPLEX OUTLET
- GFCI GROUND FAULT CIRCUIT INTERRUPTER QUADPLEX OUTLET
- FLR MNTD/COUNTER MNT OUTLET
- DATA
- JB JUNCTION BOX
- SD SMOKE DETECTOR
- A ALARM

NOTES:
CONTRACTOR MUST INSTALL OR VERIFY THE EXISTENCE OF SMOKE ALARMS IN THE FOLLOWING LOCATIONS:

1) IN EACH SLEEPING ROOM
2) OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS.
3) ON EACH LEVEL.

IN ADDITION, CARBON MONOXIDE DETECTORS MUST BE INSTALLED ON EACH LEVEL.
ALARMS IN EXISTING AREAS MAY BE BATTERY POWERED. IN AREAS OF NEW CONSTRUCTION, ALARMS MUST BE POWERED BY AN A/C POWER SOURCE WITH A BATTERY BACKUP.

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PROJECT SCOPE:

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PROJECT ADDRESS:

OWNER:

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

Drawing Description:

LIGHTING & ELECTRICAL PLANS

Drawn By: BH Checked By: JS

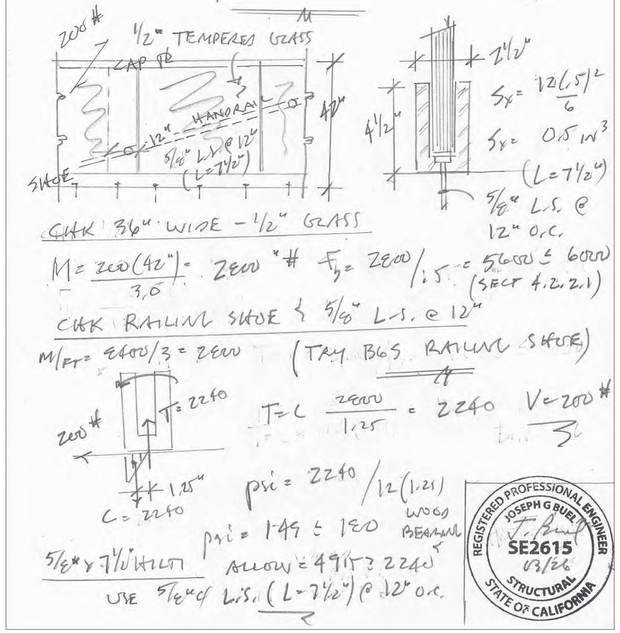
Sheet Number:

ID102

BUEL ENGINEERING
CIVIL & STRUCTURAL ENGINEERING
1537A FOURTH STREET
PMB 128
SAN RAFAEL, CALIFORNIA 94901
(415) 491-0600

1/29/24
JOB NO: 23-04

CALLOWHILL - GLASS RAILING
20 SEMINARY COVE DR.



CHK 36" WIDE - ½" GLASS

$M = \frac{200(42")}{3.0} = 2800\ \#$ $F_y = 2800/1.5 = 5600 \le 6000$ (SECT 4.2.2.1)

CHK RAILING SHOE & 5/8" L.S. @ 12"

$M/FT = 6400/3 = 2800$ (TRY B&S RAILING SHOE)

$T = C = \frac{2800}{1.25} = 2240$ $V = 200\ \#$

$psi = 2240/12(1.21)$ WOOD BEAM

$psi = 149 \le 180$

5/8" x 7½" HILTI ALLOW = 4911 > 2240

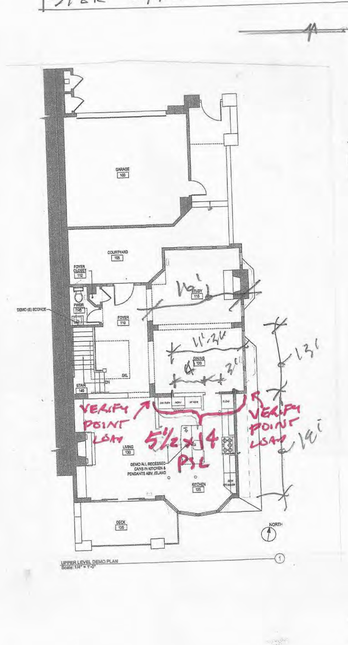
USE 5/8" ø L.S. (L=7½") @ 12" O.C.

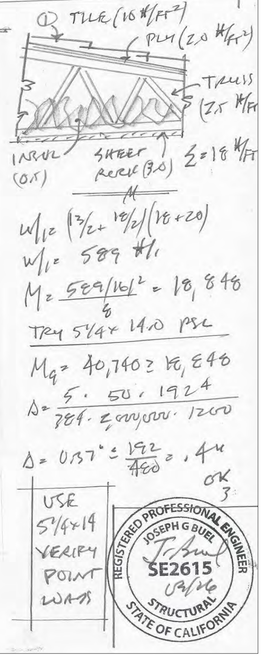
REGISTERED PROFESSIONAL ENGINEER
JOSEPH G BUEL
SE2615
03/26
STRUCTURAL
STATE OF CALIFORNIA

BUEL ENGINEERING
CIVIL & STRUCTURAL ENGINEERING
1537A FOURTH STREET
PMB 128
SAN RAFAEL, CALIFORNIA 94901
(415) 491-0600

2/5/2024
2/3

SIZE UPPER ROOF BEAM FOR TRUSS LOAD





$w/12 = (3/2 + 18/2)(16+20)$

$w/1 = 589\ \#/1$

$M = 589/16^2 = 18,848$

TRY 5½x14.0 PSL

$M_q = 40,740 \ge 18,848$

$\Delta = \frac{5 \cdot 50 \cdot 1924}{384 \cdot 2,000,000 \cdot 1200} = .192/480 = .4"$ OK

$\Delta = 0.37" \le .4"$

USE 5½x14 VERIFY POINT LOADS

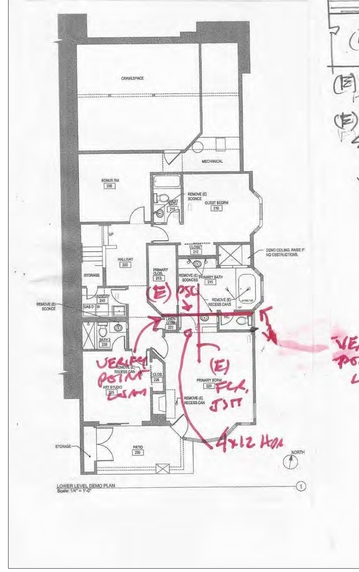
REGISTERED PROFESSIONAL ENGINEER
JOSEPH G BUEL
SE2615
03/26
STRUCTURAL
STATE OF CALIFORNIA

BUEL ENGINEERING
CIVIL & STRUCTURAL ENGINEERING
1537A FOURTH STREET
PMB 128
SAN RAFAEL, CALIFORNIA 94901
(415) 491-0600

2/5/2024

CALLOWHILL - LOWER WALL
20 SEMINARY COVE DRIVE
EXISTING FLOOR BEAM

3/3



REGISTERED PROFESSIONAL ENGINEER
JOSEPH G BUEL
SE2615
03/26
STRUCTURAL
STATE OF CALIFORNIA

JAYJEFFERS

1035 Post Street, San Francisco CA 94109
The Studio:415.921.8880 The Store:415.440.7300
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ISSUES AND REVISIONS

No.	Date	Description	By
1	03.08.24	PERMIT SUBMITTAL	JS/BH

PROJECT SCOPE:

Residential interior remodel

PROJECT ADDRESS:

[redacted]

OWNER:

[redacted]

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

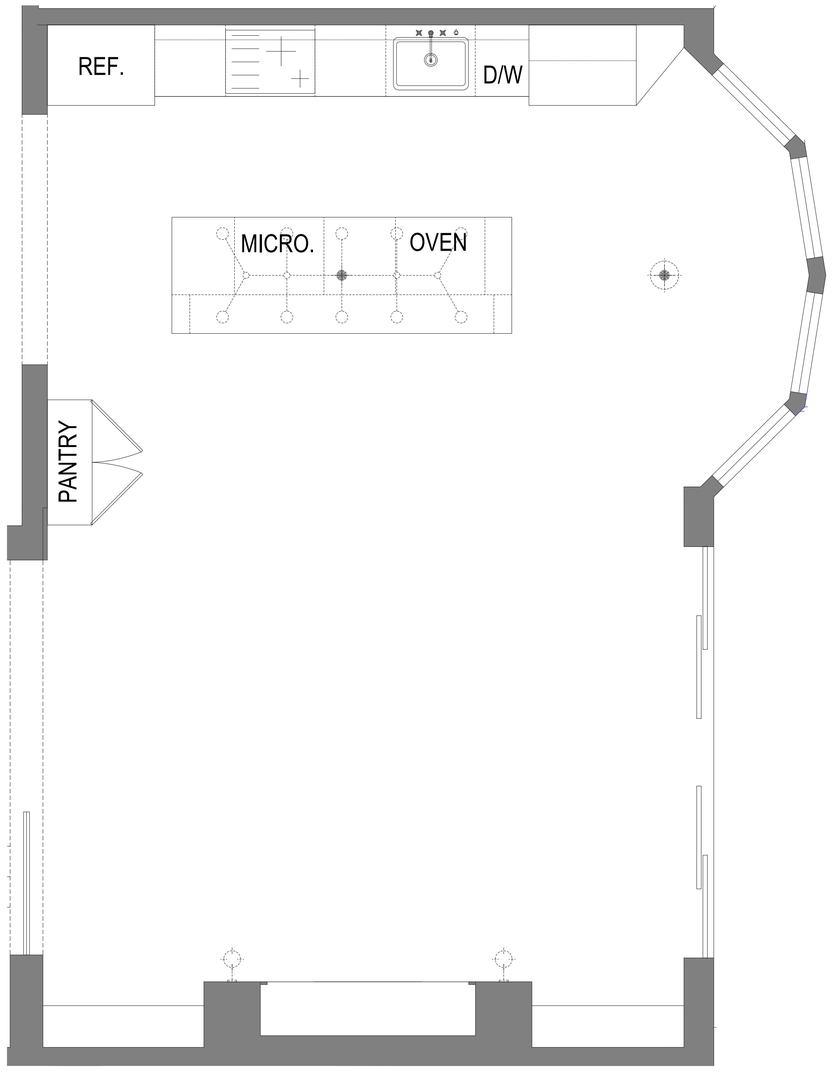
Drawing Description:

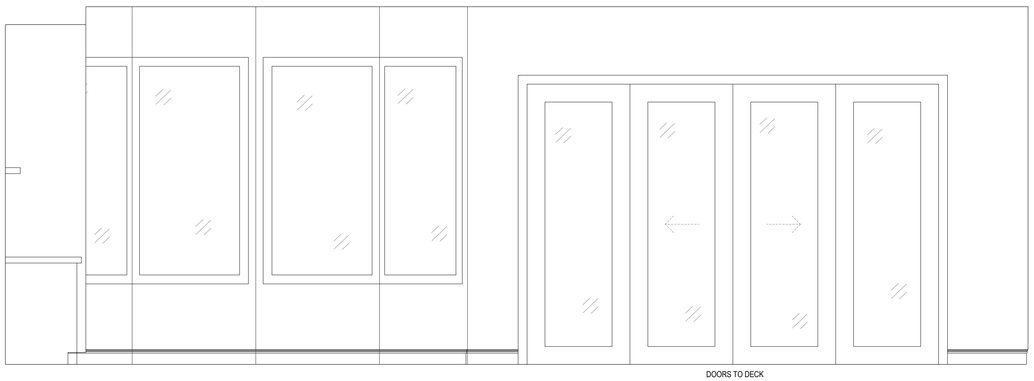
STRUCTURAL PLANS

Drawn By: BH Checked By: JS

Sheet Number:

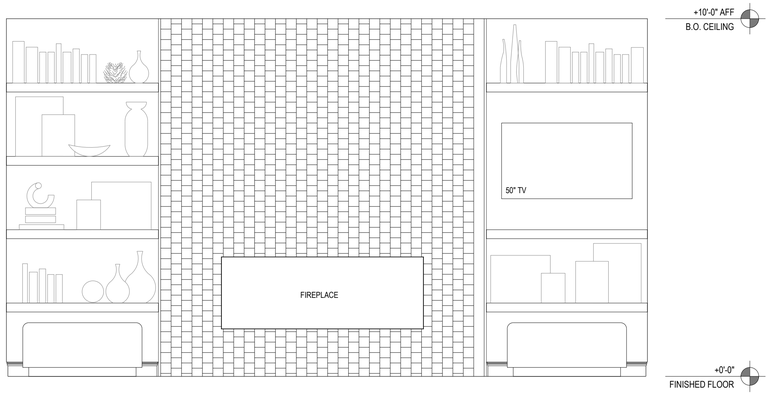
S1.0





SOUTH ELEVATION
Scale: 1/2" = 1'-0"

2



WEST ELEVATION
Scale: 1/2" = 1'-0"

3

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ISSUES AND REVISIONS

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			JS/BH

PROJECT SCOPE:

Residential interior remodel

PROJECT ADDRESS:

[redacted]

OWNER:

[redacted]

CONTRACTOR:
FLOYD CONSTRUCTION, INC.
Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

Scale: AS NOTED Date: 03.08.2024

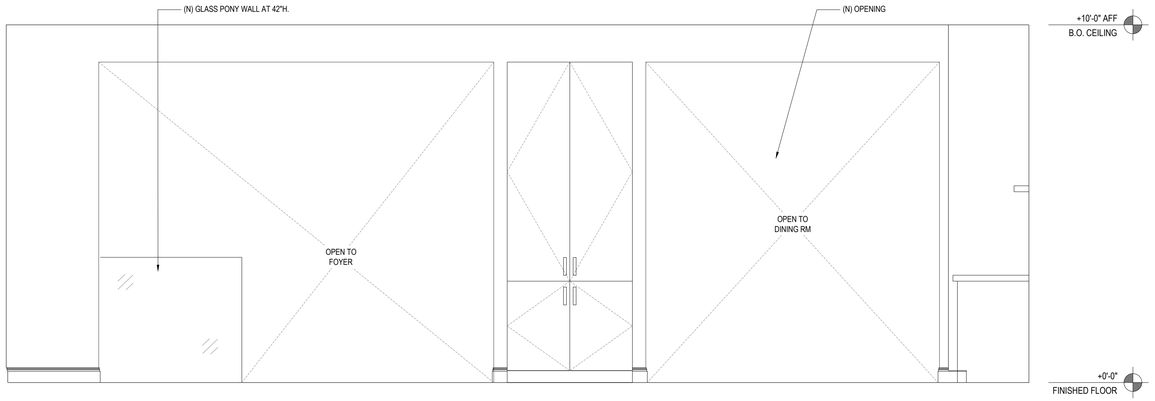
Drawing Description:

KITCHEN & LIVING RM
ENLARGED FLOOR PLAN &
INTERIOR ELEVATIONS

Drawn By: BH Checked By: JS

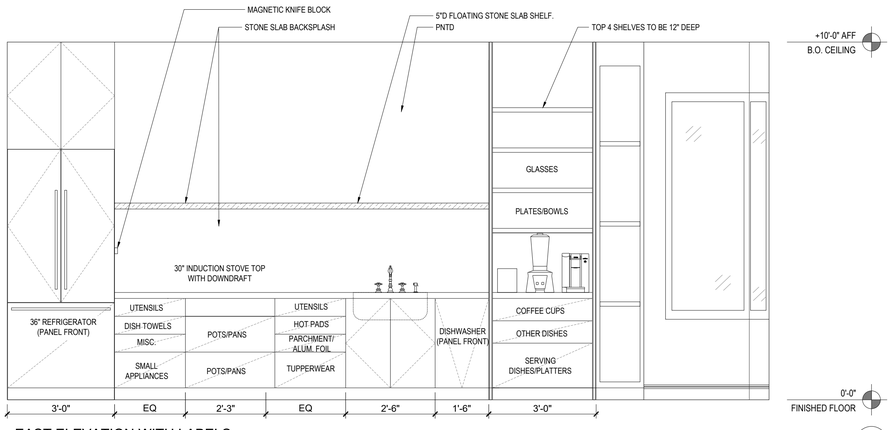
Sheet Number:

ID402-A



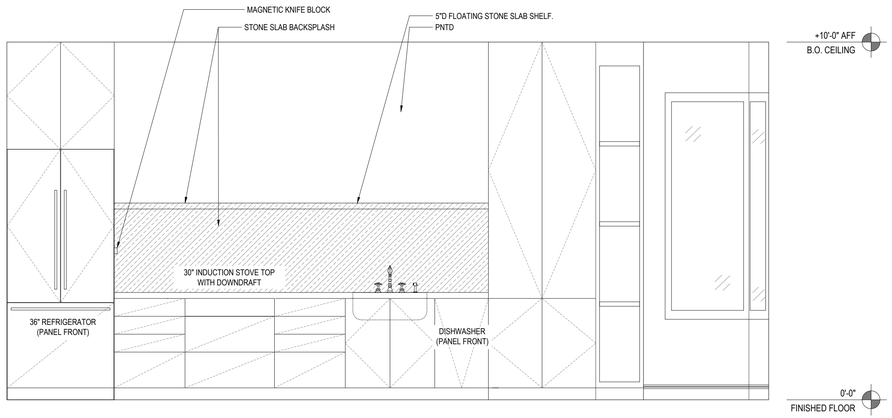
NORTH ELEVATION
Scale: 1/2" = 1'-0"

1



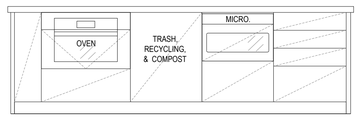
EAST ELEVATION WITH LABELS
Scale: 1/2" = 1'-0"

3



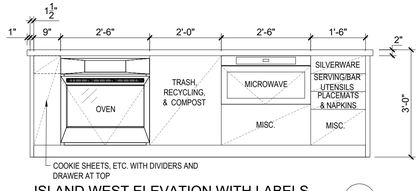
EAST ELEVATION
Scale: 1/2" = 1'-0"

1



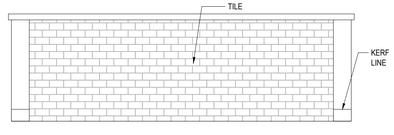
ISLAND WEST ELEVATION
Scale: 1/2" = 1'-0"

2



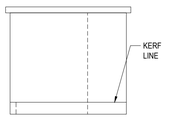
ISLAND WEST ELEVATION WITH LABELS
Scale: 1/2" = 1'-0"

4



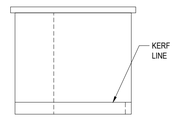
ISLAND EAST ELEVATION
Scale: 1/2" = 1'-0"

9



ISLAND SOUTH
Scale: 1/2" = 1'-0"

10



ISLAND NORTH
Scale: 1/2" = 1'-0"

11

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ISSUES AND REVISIONS

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PROJECT SCOPE:

Residential interior remodel

PROJECT ADDRESS:

OWNER:

[redacted]

CONTRACTOR:
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Jon Morales
714 C. St. Suite 207
San Rafael, CA 94901
jm@floydconstructioninc.com
415-485-0645 x 105

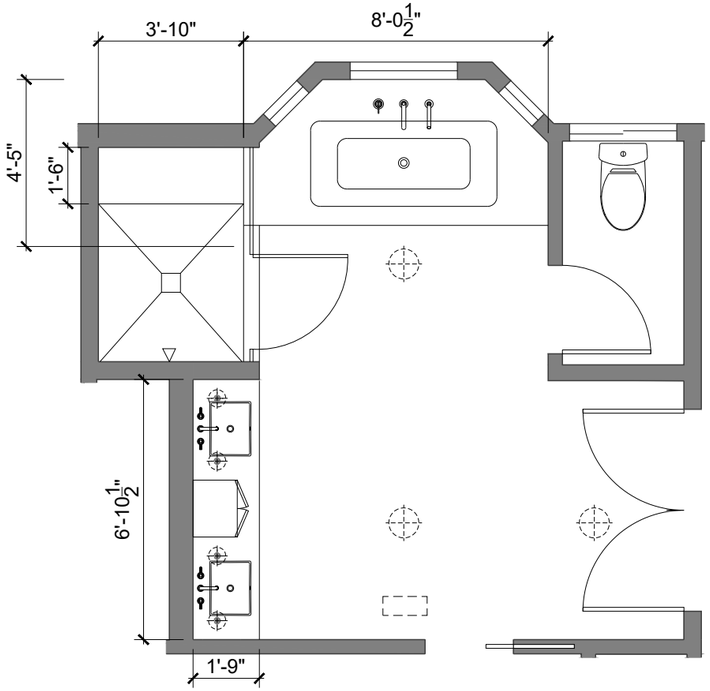
Scale: AS NOTED Date: 03.08.2024

Drawing Description:
KITCHEN & LIVING RM
ENLARGED FLOOR PLAN &
INTERIOR ELEVATIONS

Drawn By: BH Checked By: JS

Sheet Number:

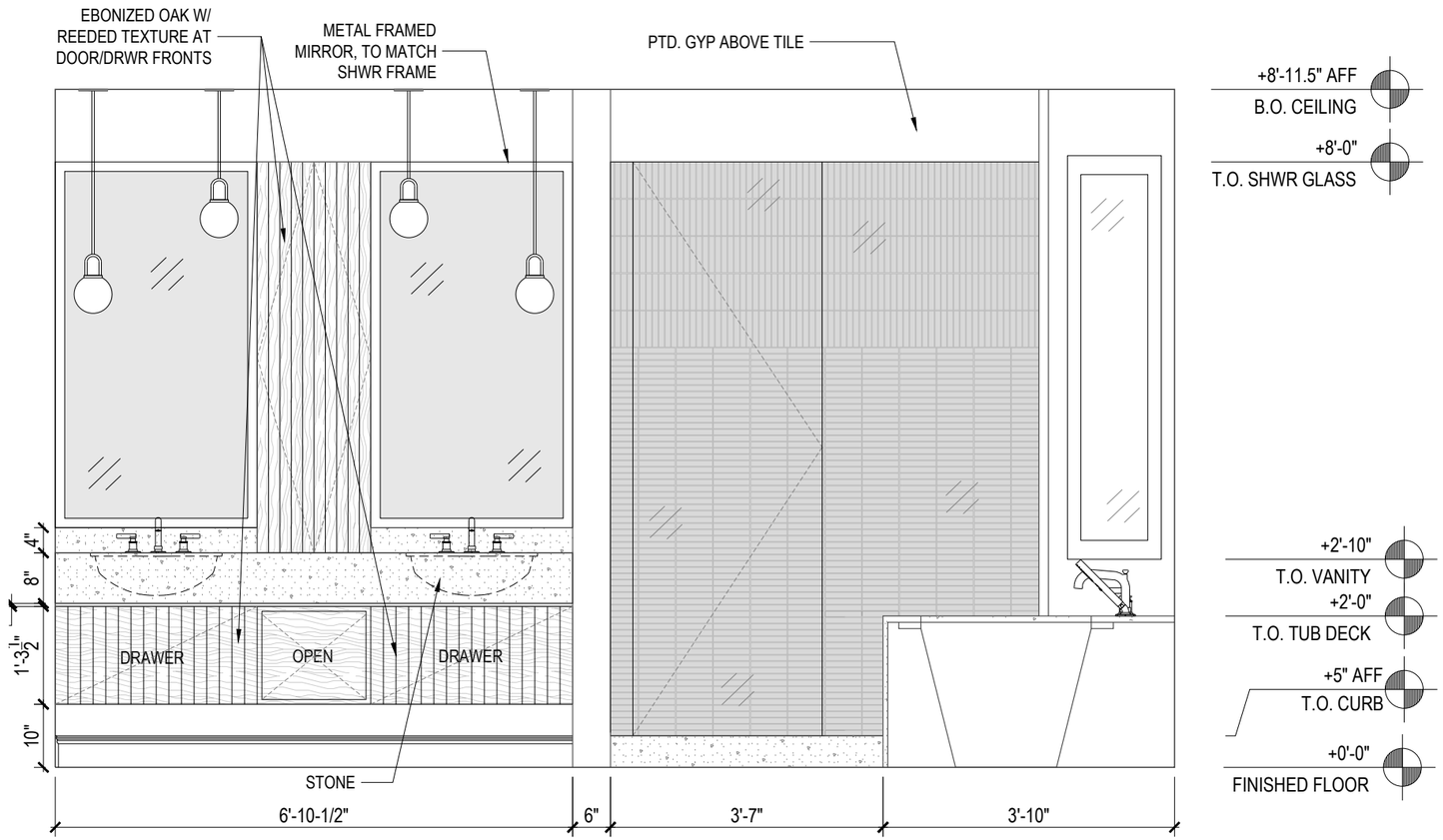
ID402-B



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

1

CABINETRY DOOR/DRWR FRONT
REFERENCE IMAGE:



NORTH ELEVATION
Scale: 1/2" = 1'-0"

2

NOTE: NOT FOR CONSTRUCTION.
DRAWINGS FOR ESTIMATING PURPOSES ONLY.

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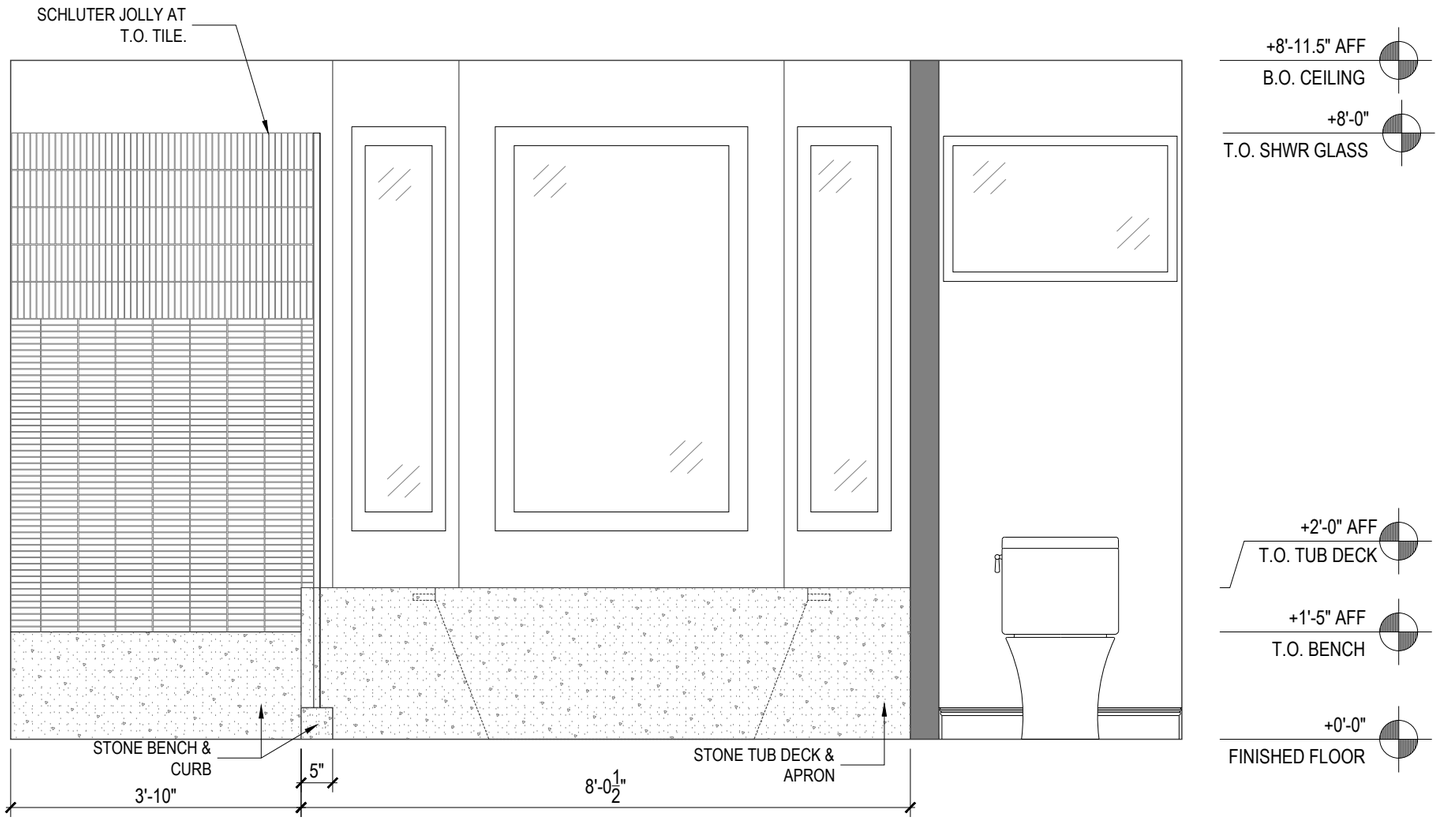
project: CAMV
PRIMARY BATH PLAN & ELEVATIONS

date	02.29.2024
drawn by	BH
scale	AS NOTED

No. 01/04



EAST ELEVATION
Scale: 1/2" = 1'-0"

3

NOTE: NOT FOR CONSTRUCTION.
DRAWINGS FOR ESTIMATING
PURPOSES ONLY.

JAYJEFFERS

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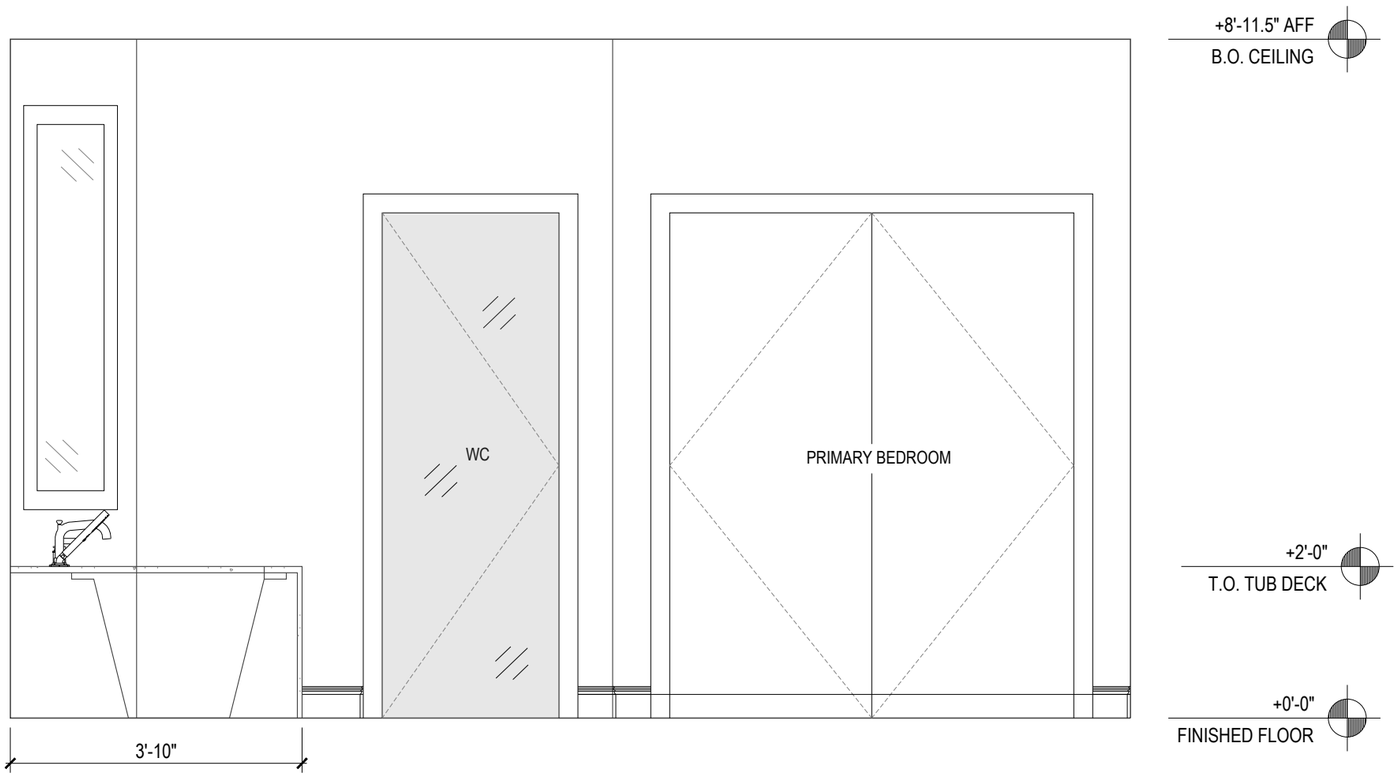
The Studio:415.921.8880 The Store:415.440.7300
www.JayJeffers.com

project: CAMV
PRIMARY BATH ELEVATIONS

date	12.15.2023
drawn by	BH
scale	1/2" = 1'-0"

No. 02/04



SOUTH ELEVATION
Scale: 1/2" = 1'-0"

4

NOTE: NOT FOR CONSTRUCTION.
DRAWINGS FOR ESTIMATING
PURPOSES ONLY.

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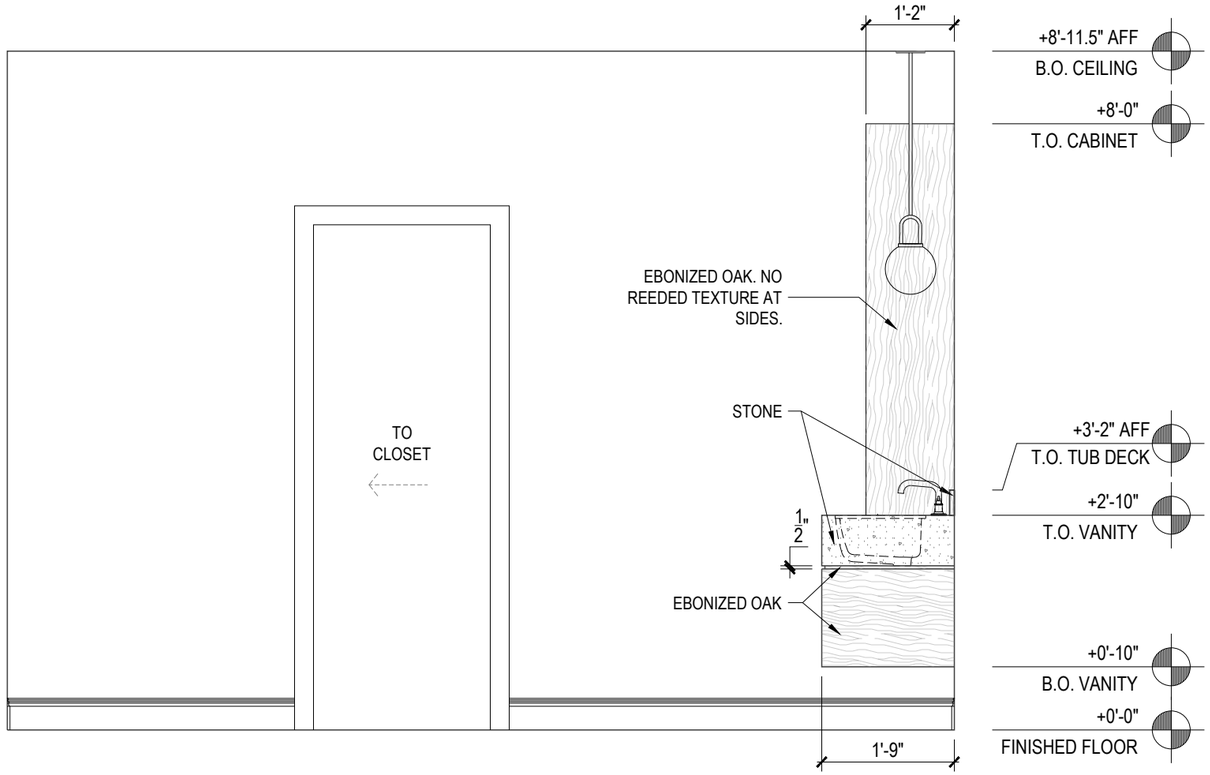
project: CAMV
PRIMARY BATH ELEVATIONS

date	02.29.2024
drawn by	BH
scale	1/2" = 1'-0"

No. 03/04



WEST ELEVATION
Scale: 1/2" = 1'-0"

5

NOTE: NOT FOR CONSTRUCTION.
DRAWINGS FOR ESTIMATING
PURPOSES ONLY.

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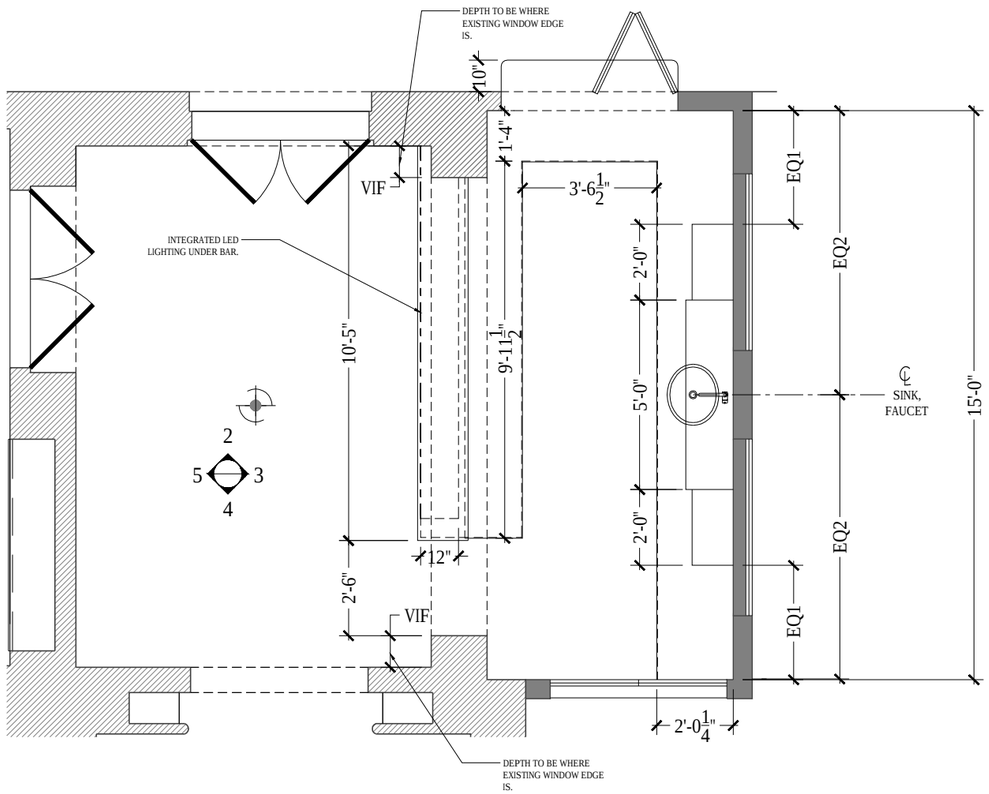
project: CAMV
PRIMARY BATH ELEVATIONS

date	02/29/2024
drawn by	BH
scale	1/2" = 1'-0"

No. 04/04



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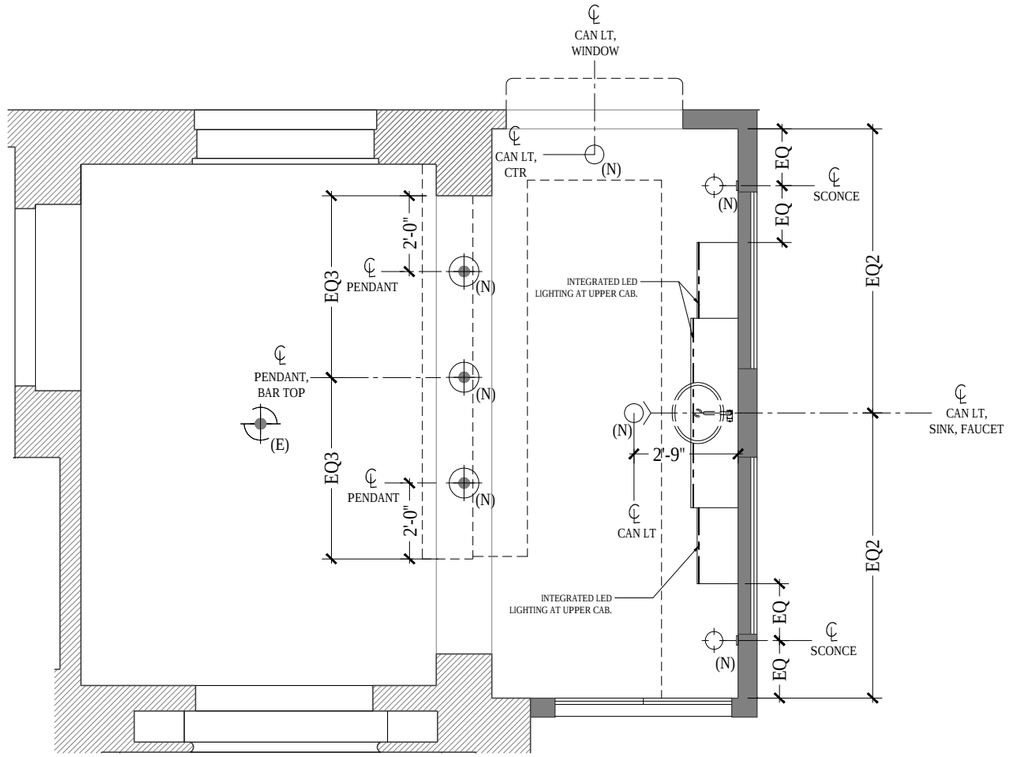
www.JayJeffers.com

project: ELPI
BAR PLAN

date	01.25.2023
drawn by	BH
scale	1/4" = 1'-0"

No. 01A



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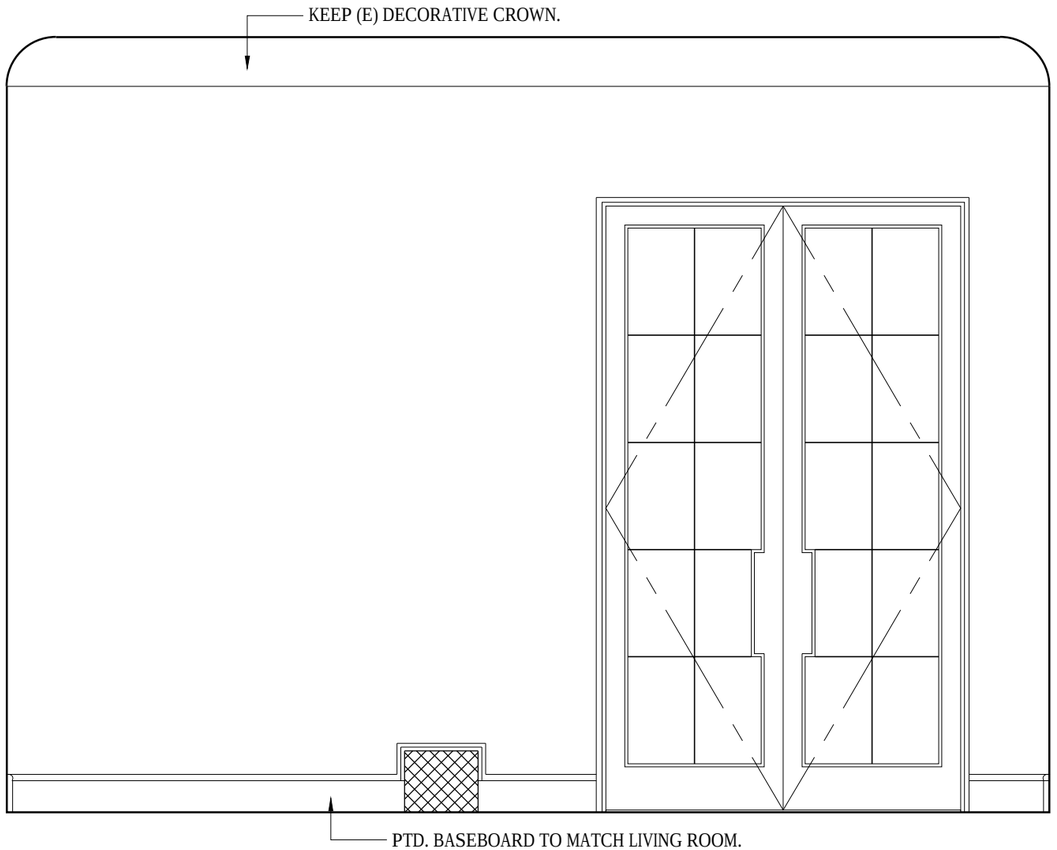
project: ELPI
BAR RCP

date 01.25.2023
drawn by BH
scale 1/4" = 1'-0"

No. 02B



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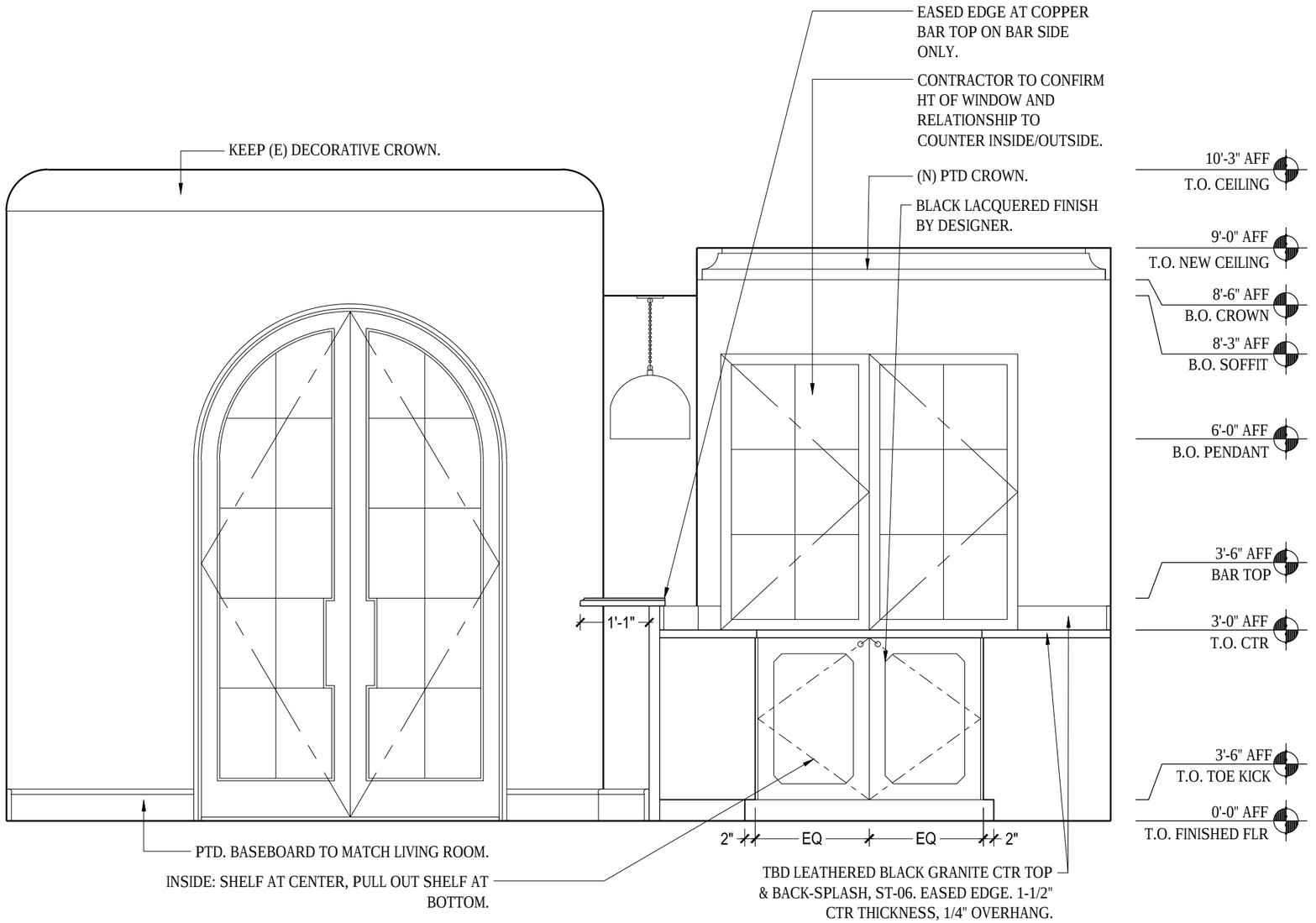
project: ELPI
BAR NORTH ELEVATION

date 01.25.2023
drawn by BH
scale 1/2" = 1'-0"

No. 05A



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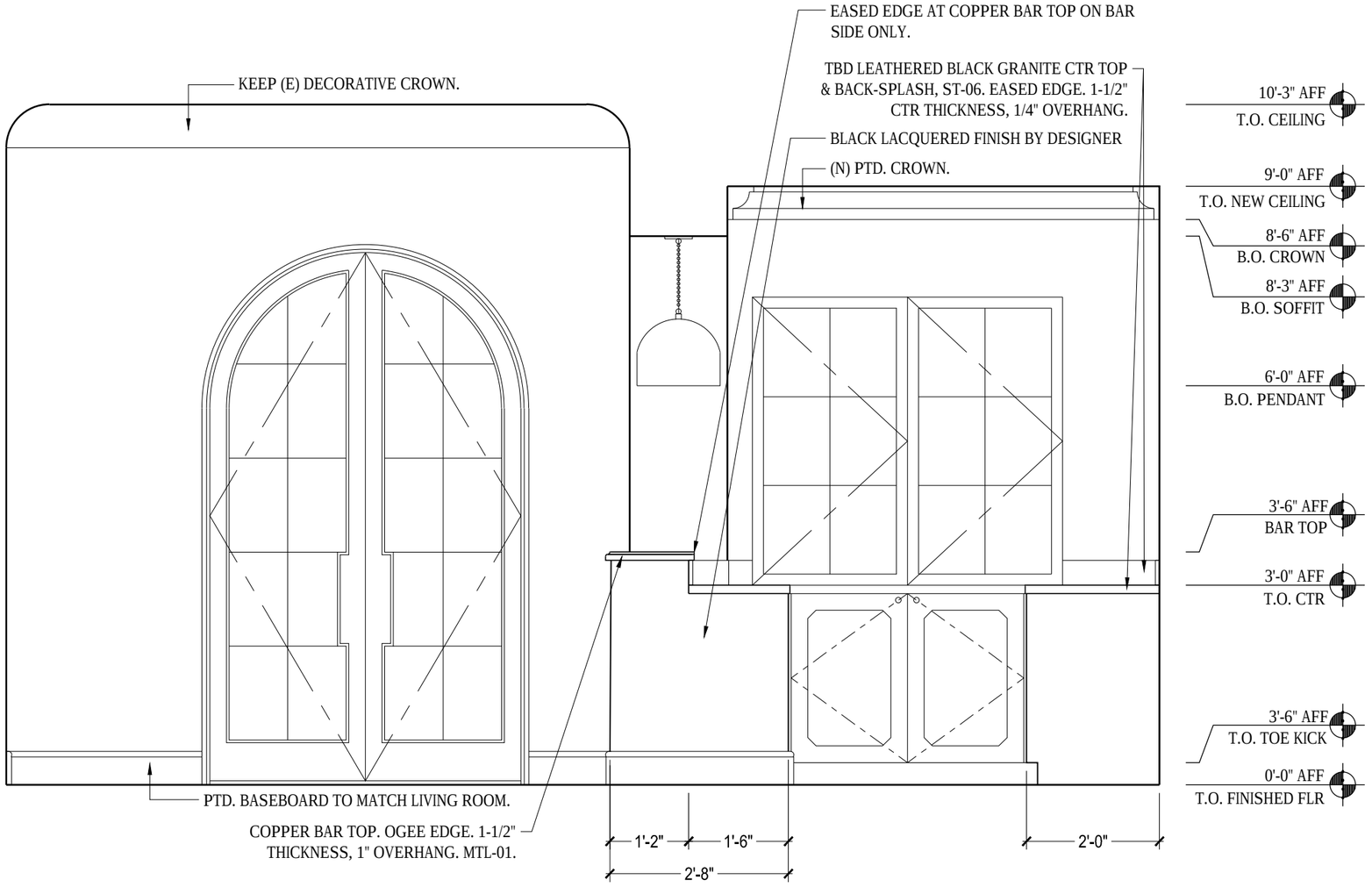
project: ELPI
BAR EAST ELEVATION

date 01.25.2023
drawn by BH
scale 1/2" = 1'-0"

No. 02A



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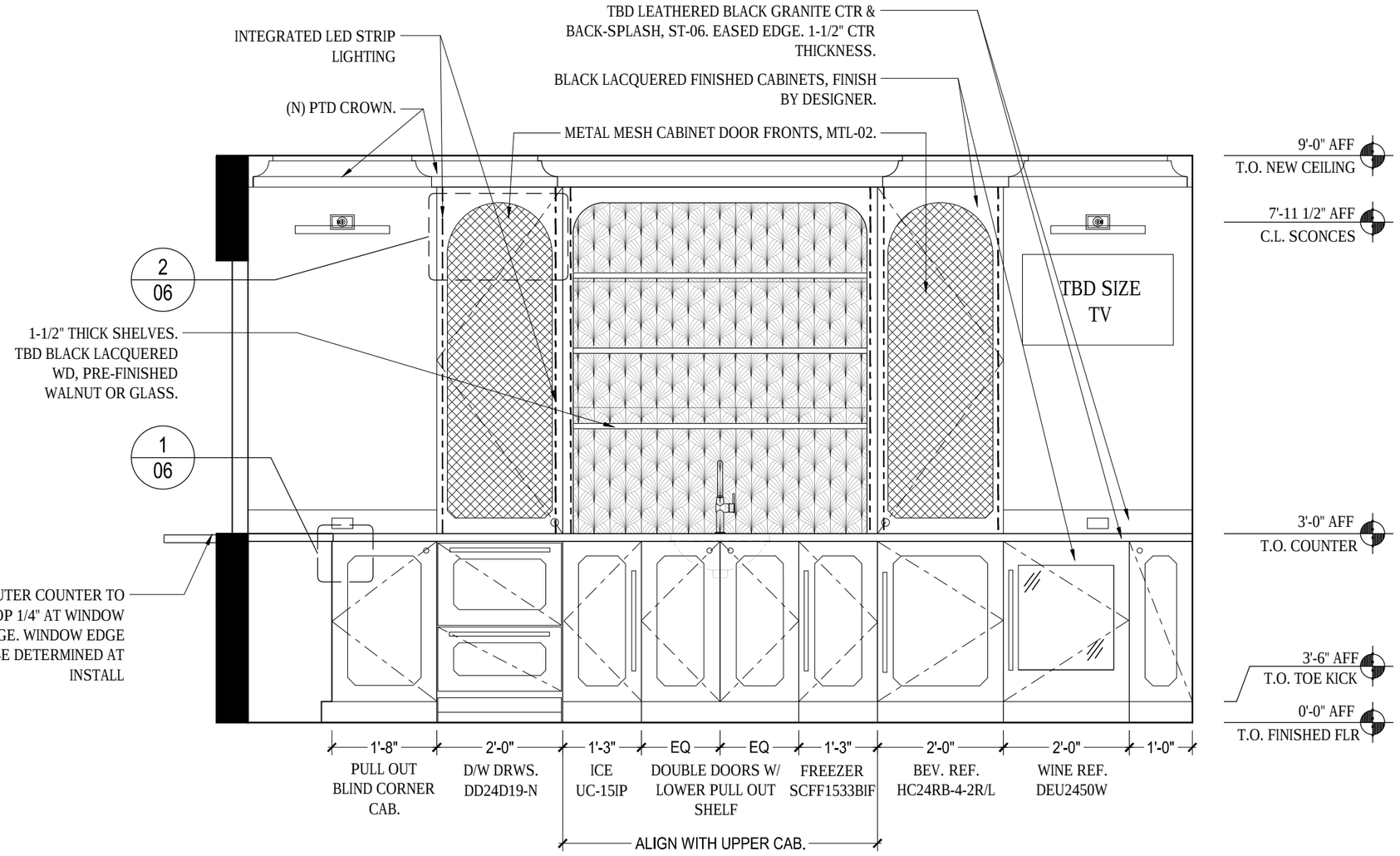
project: ELPI
BAR EAST ELEVATION

date 01.25.2023
drawn by BH
scale 1/2" = 1'-0"

No. 02B



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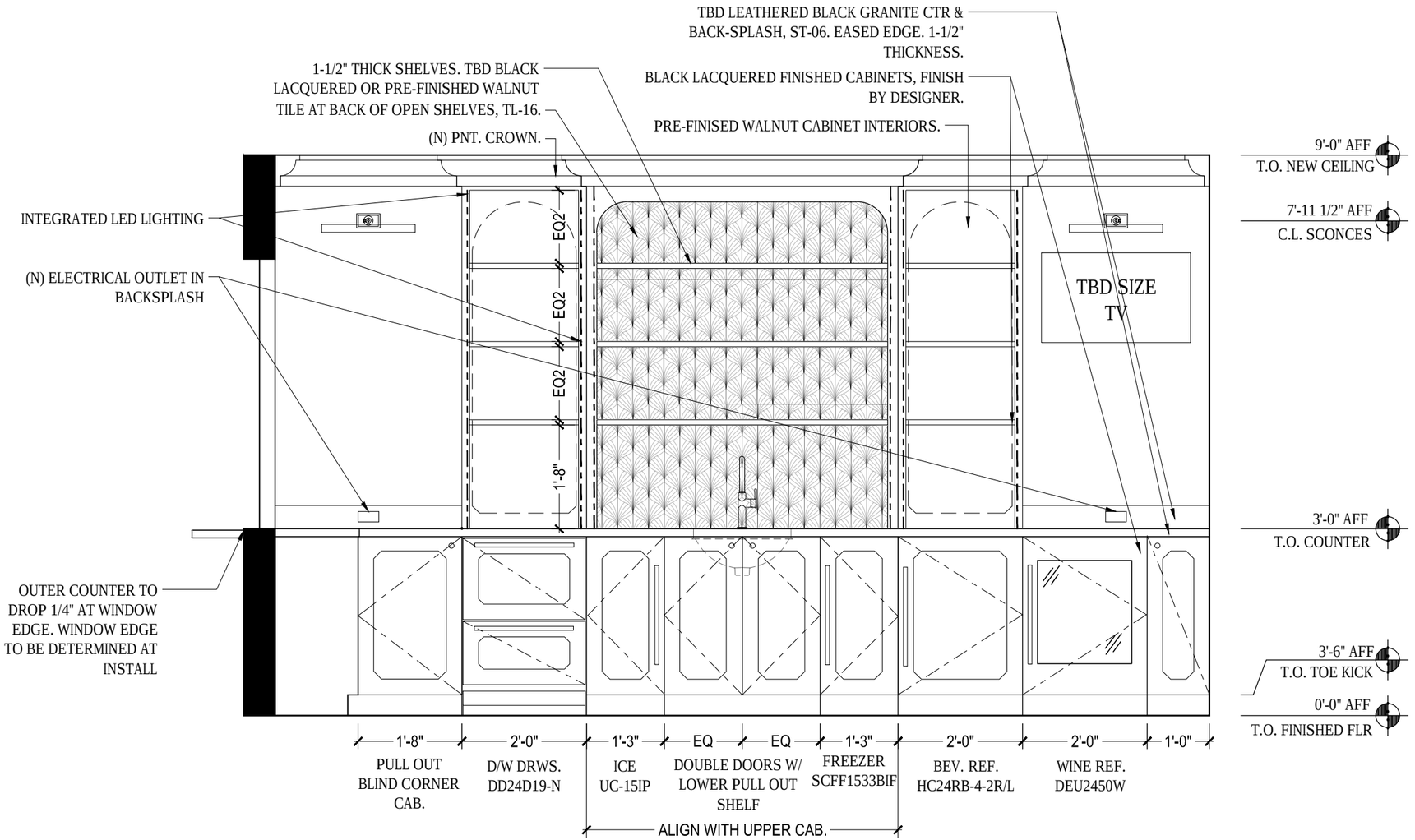
project: ELPI

BAR SOUTH ELEVATION - DOORS + PANEL FACES

date	01.25.2023
drawn by	BH
scale	1/2" = 1'-0"

No. 03A



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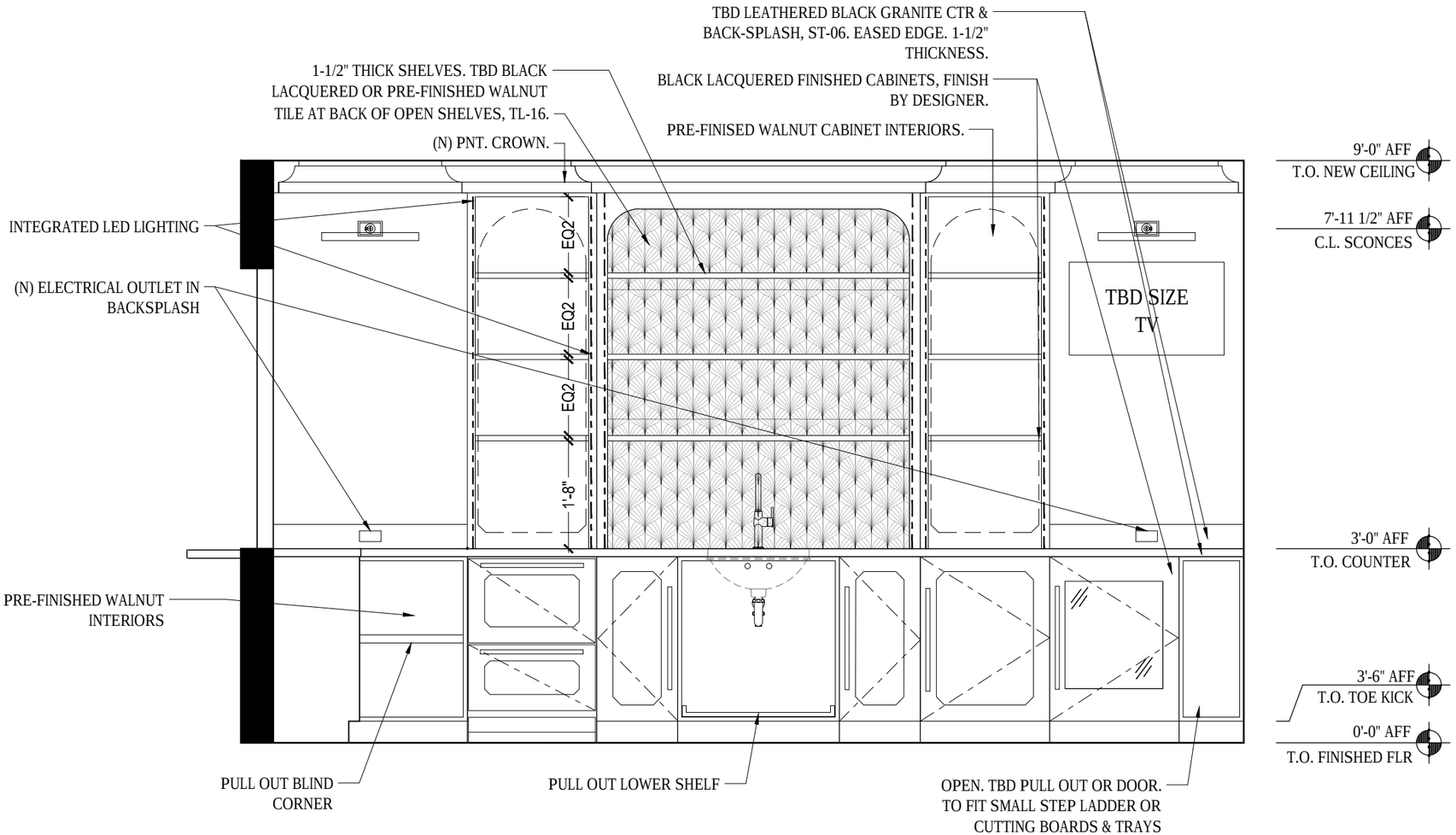
project: ELPI

BAR SOUTH ELEVATION - UPPER CABINET DOORS REMOVED

date	01.25.2023
drawn by	BH
scale	1/2" = 1'-0"

No. 03B



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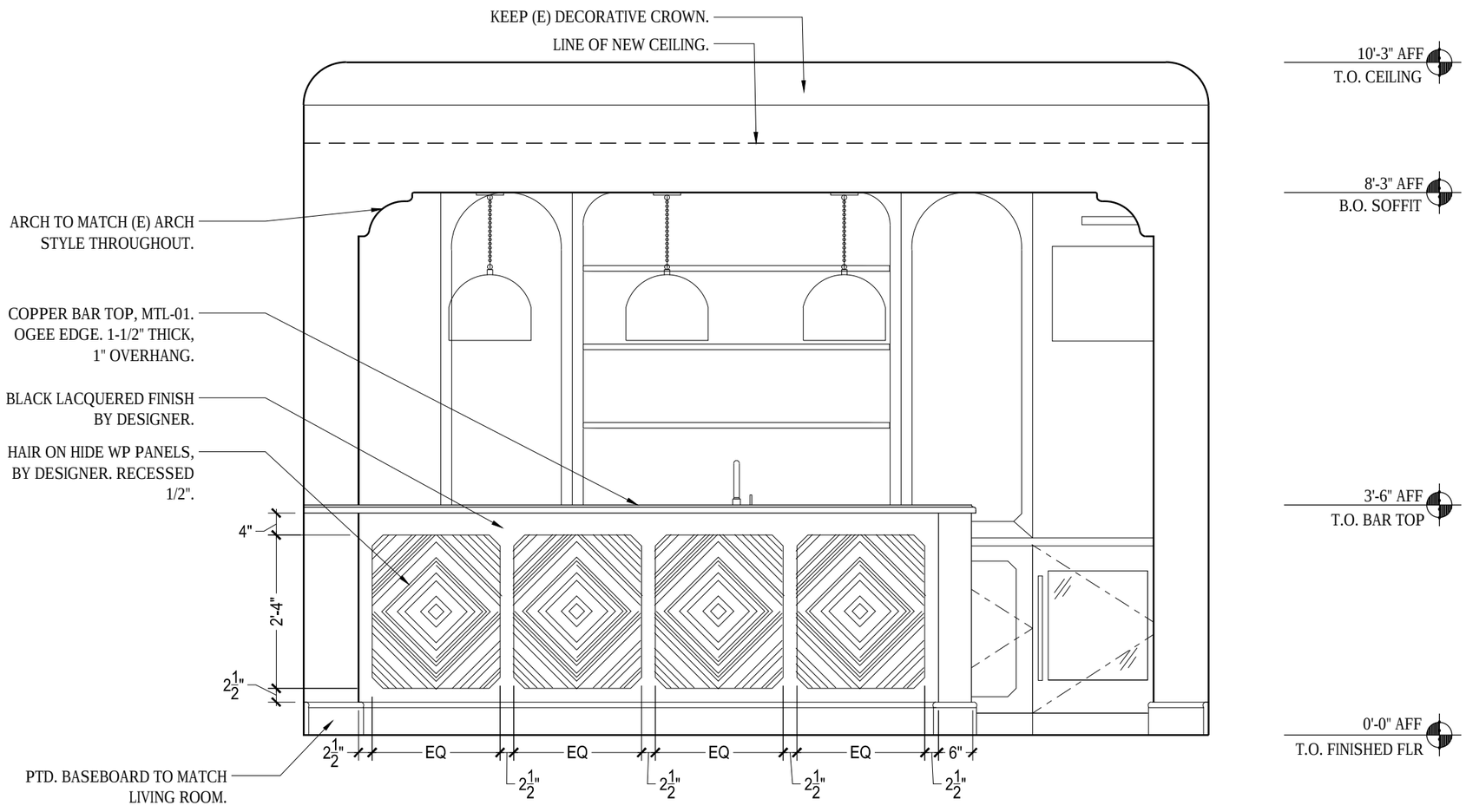
project: ELPI

BAR SOUTH ELEVATION - CABINET DOORS REMOVED

date	01.25.2023
drawn by	BH
scale	1/2" = 1'-0"

No. 03C



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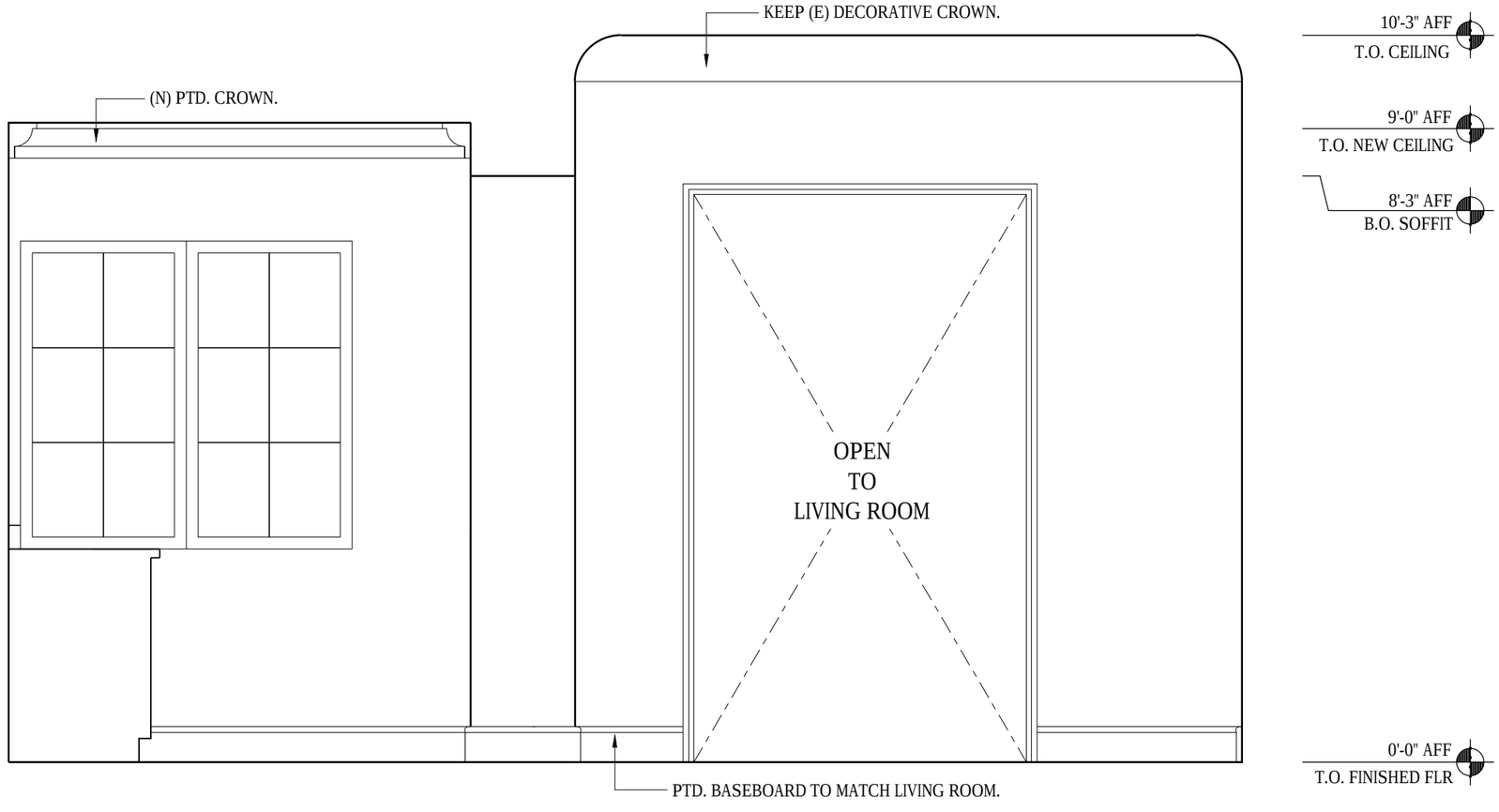
project: ELPI

BAR SOUTH ELEVATION - BAR FACE

date	01.25.2023
drawn by	BH
scale	1/2" = 1'-0"

No. 03D



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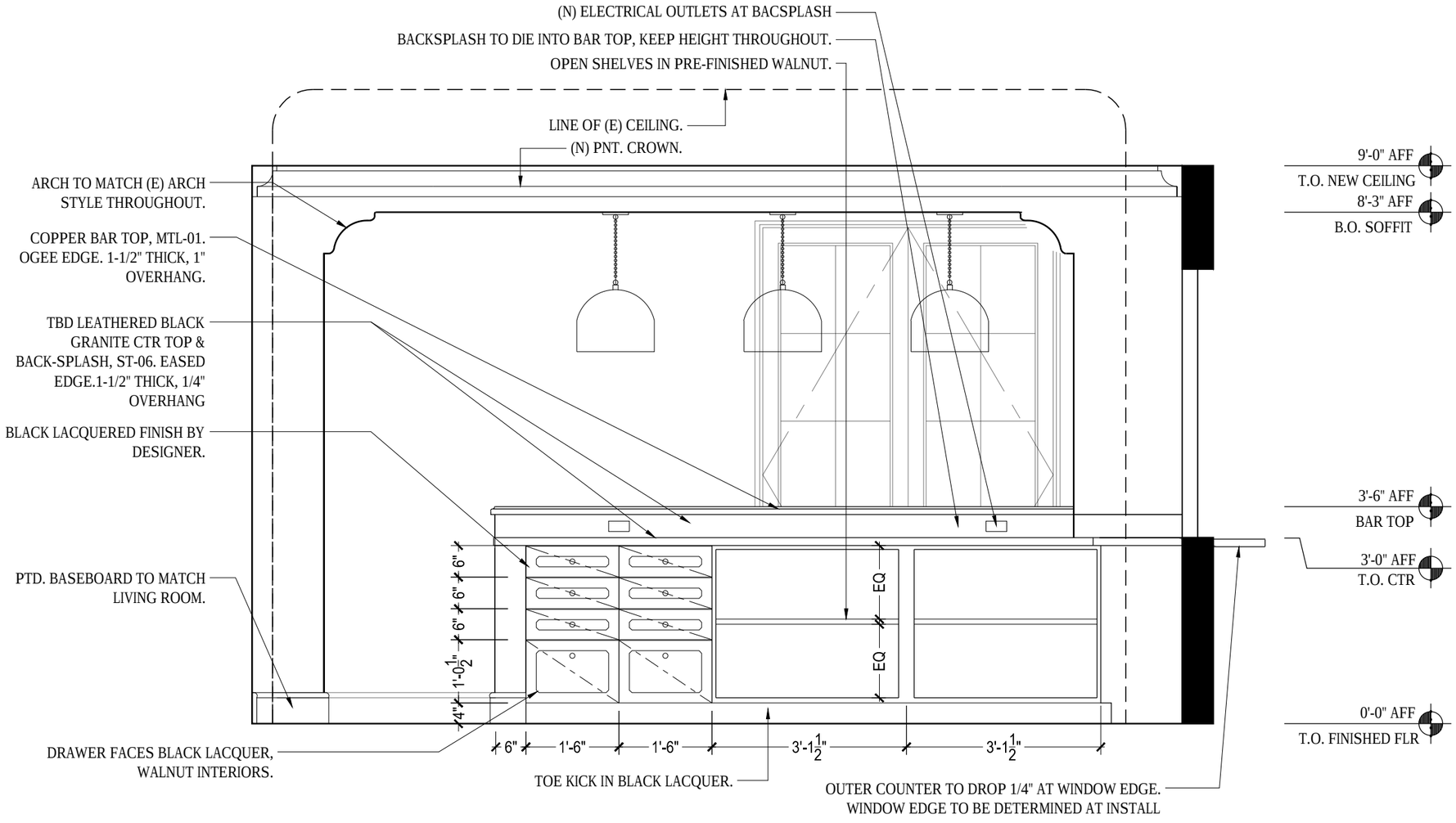
project: ELPI
BAR WEST ELEVATION

date 01.25.2023
drawn by BH
scale 1/2" = 1'-0"

No. 04



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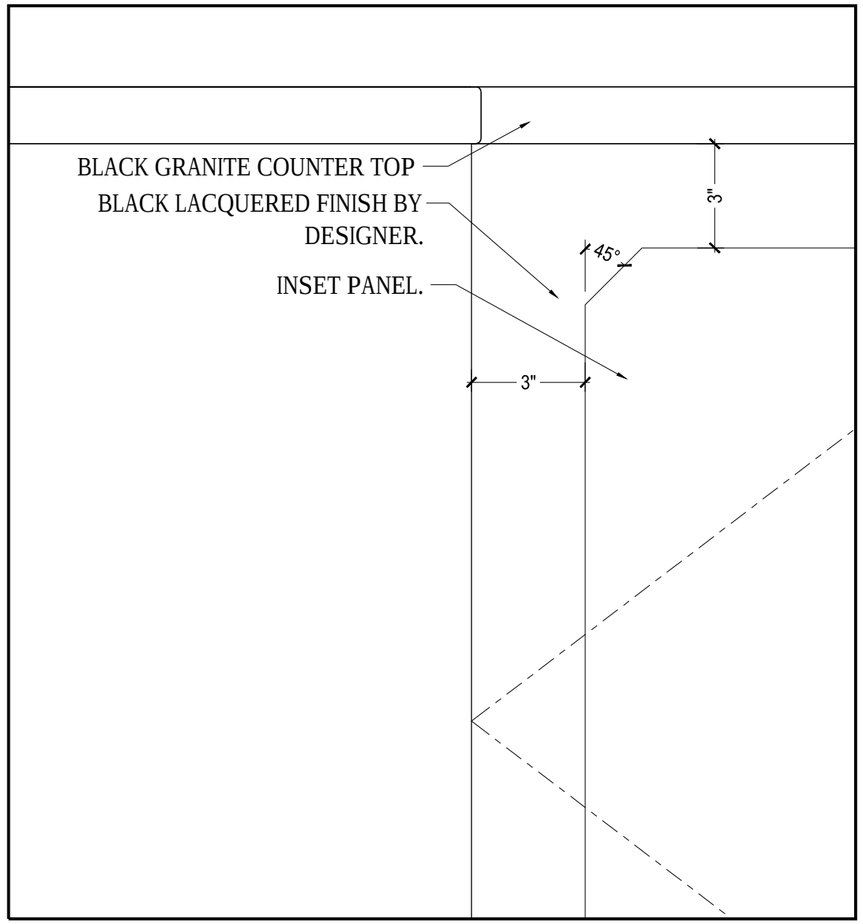
project: ELPI

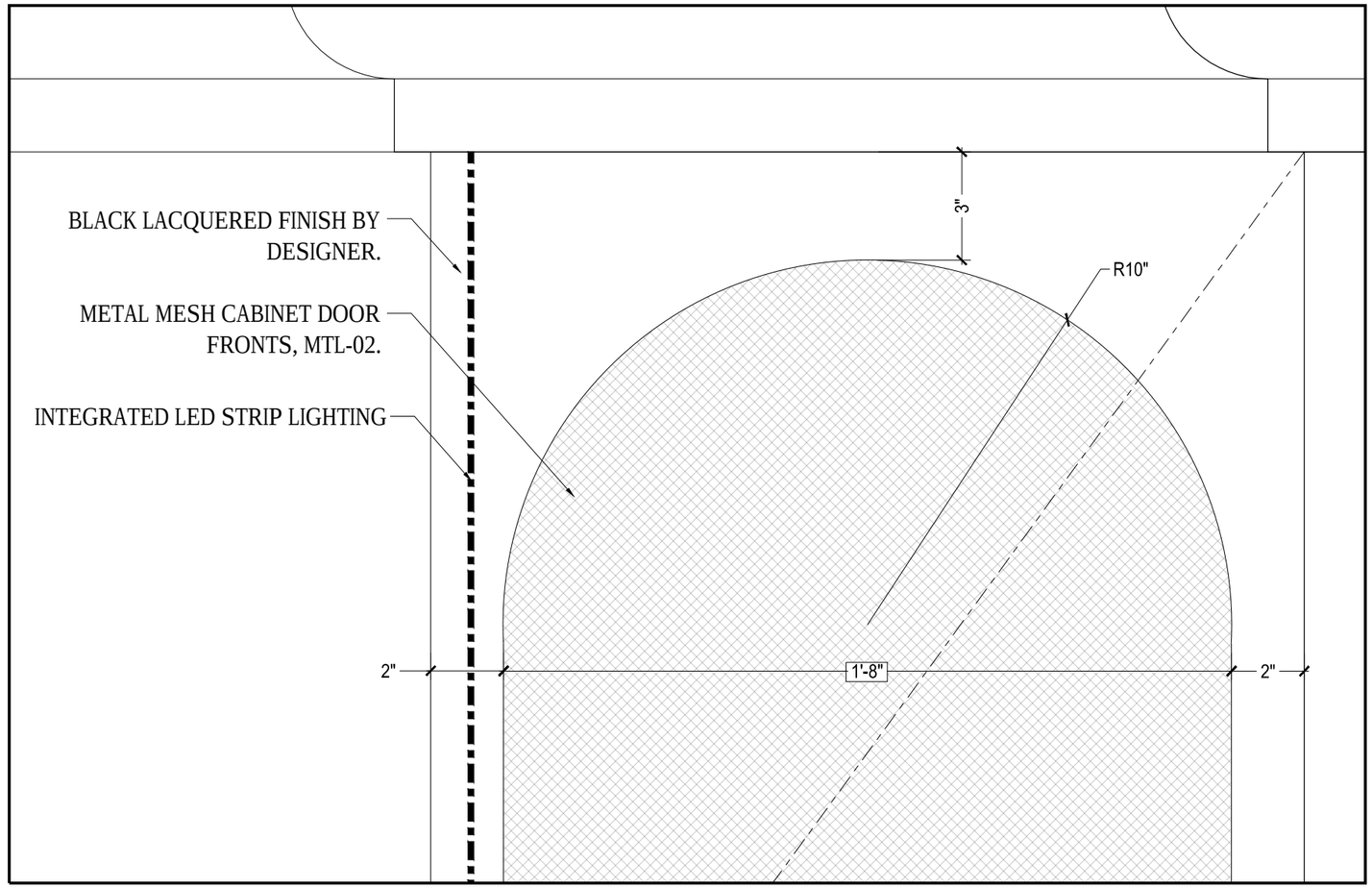
BAR NORTH ELEVATION - BAR BACK

date	01.25.2023
drawn by	BH
scale	1/2" = 1'-0"

No. 05B



1 LOWER CABINET DOOR FRONT CHAMFER DETAIL



2 UPPER CABINET DOOR DETAIL

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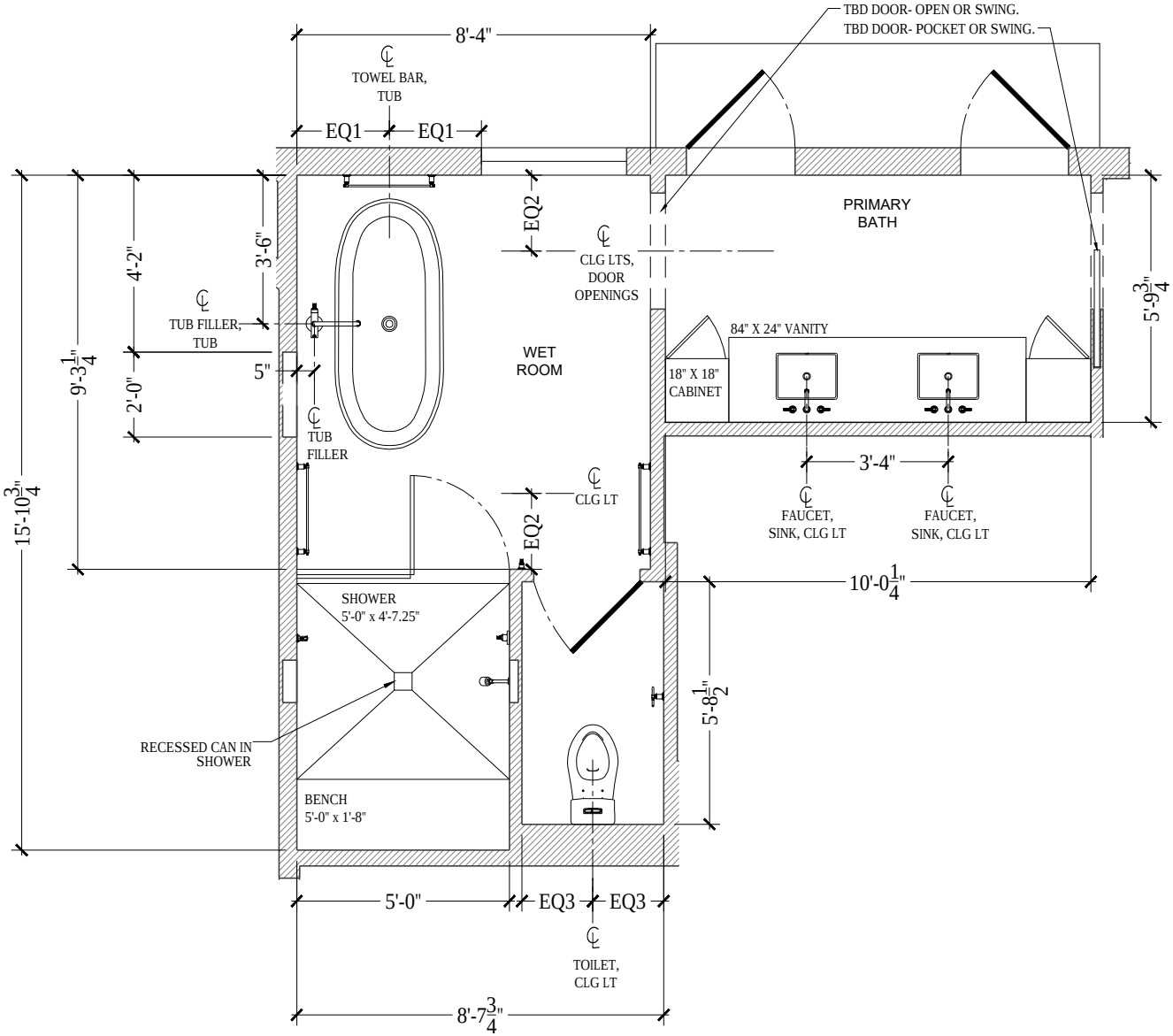
project: ELPI
BAR CABINET DOOR DETAILS

date	01.25.2023
drawn by	BH
scale	3" = 1'-0"

No. 06



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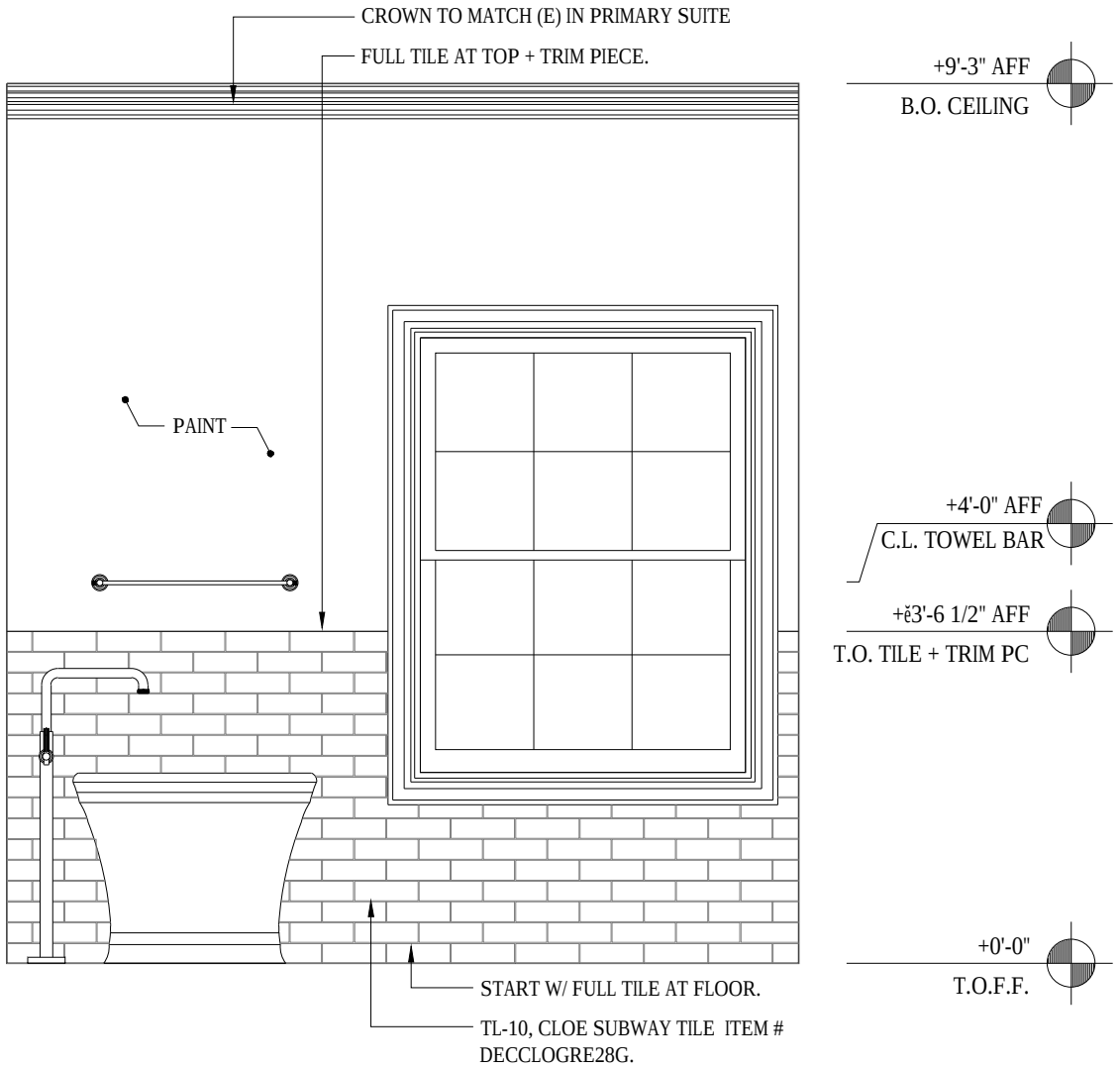
project: ELPI

PRIMARY BATHROOM PLAN

date	09.02.2022
drawn by	BH
scale	1/4" = 1'-0"

No. 01



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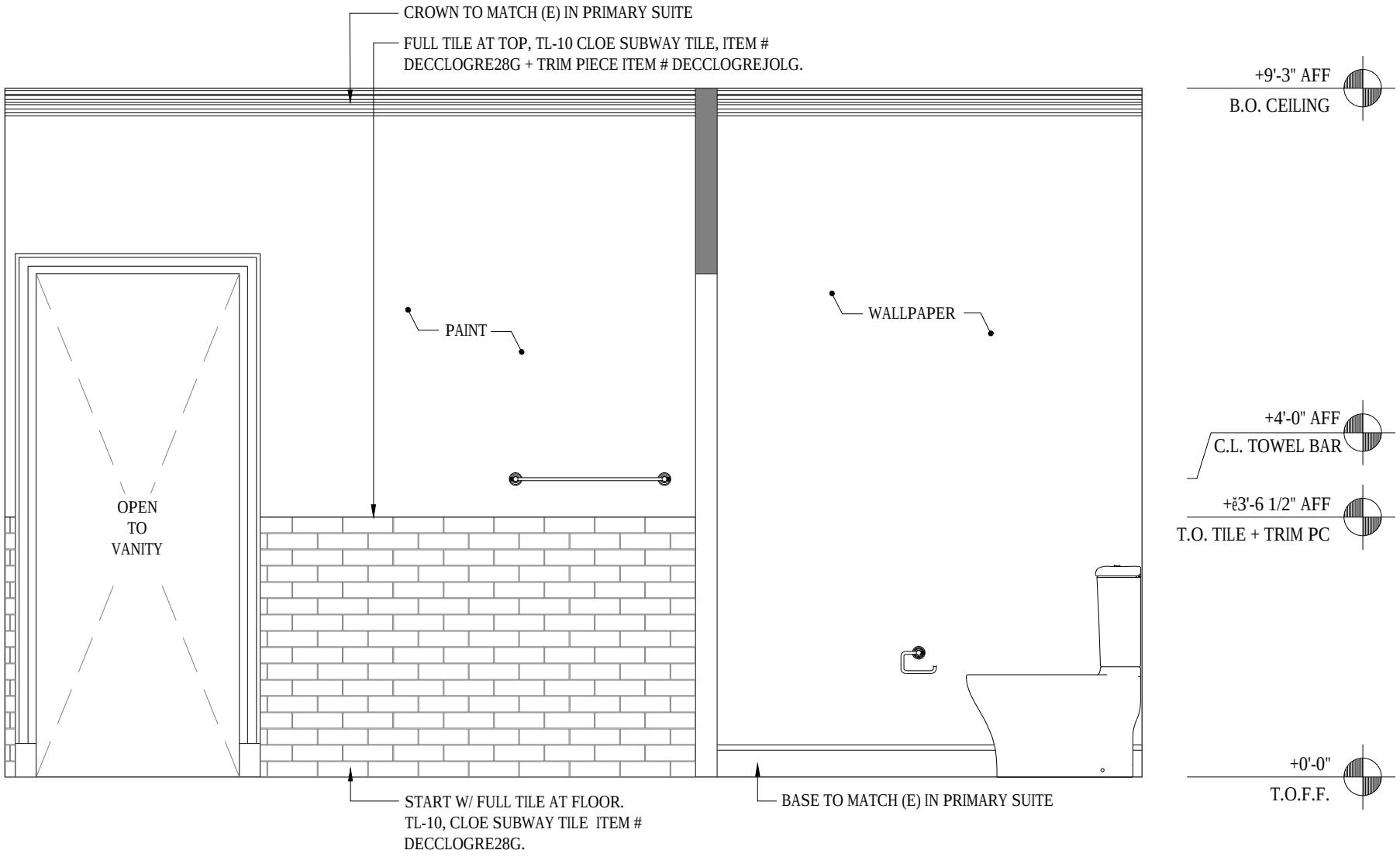
project: ELPI

PRIMARY BATH WET ROOM NORTH ELEVATION

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 02



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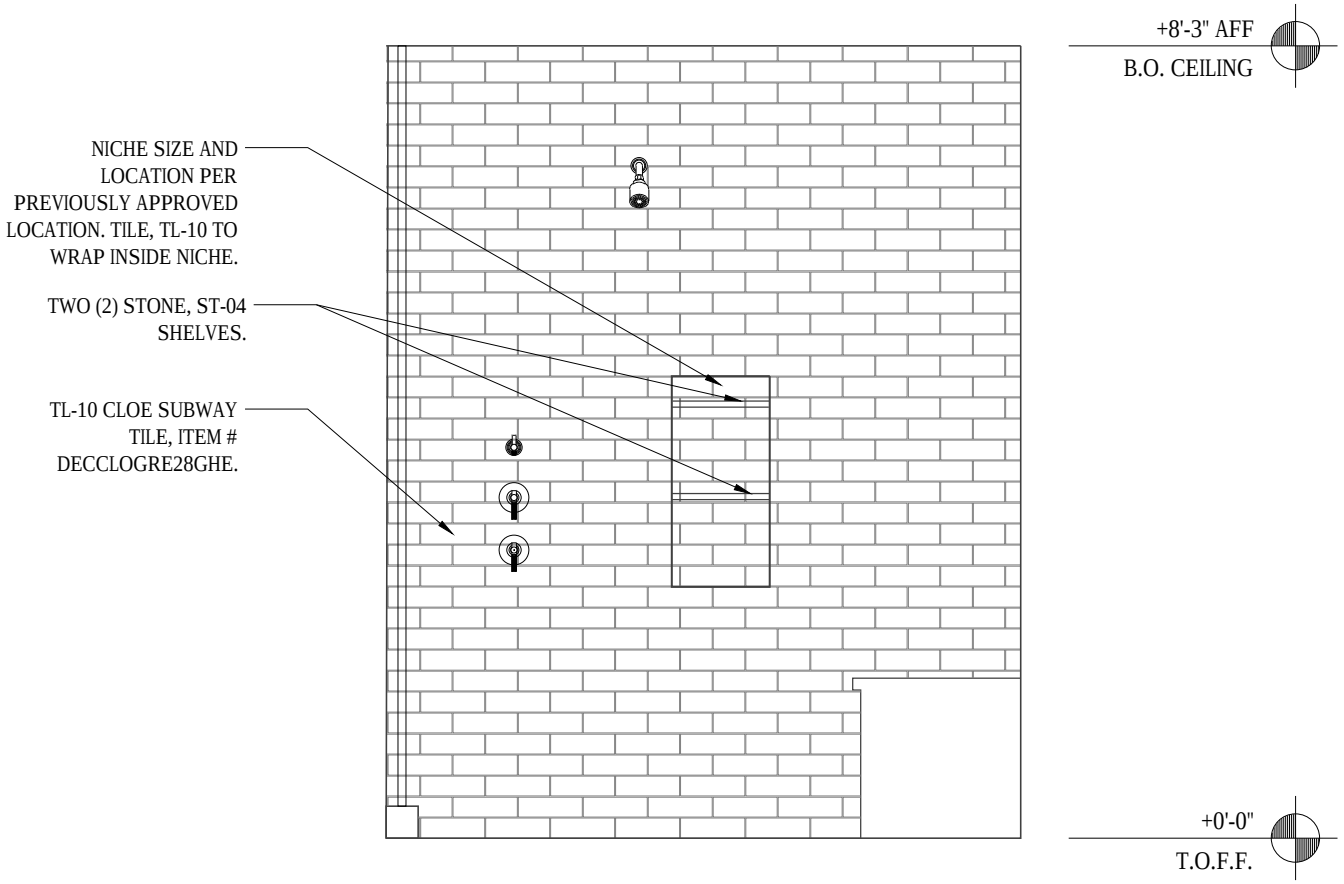
project: ELPI

PRIMARY BATH WET ROOM EAST ELEVATION

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 03-A

NOTE: SHOWER PLUMBING FIXTURE LAYOUT PER
PREVIOUS CLIENT APPROVAL.



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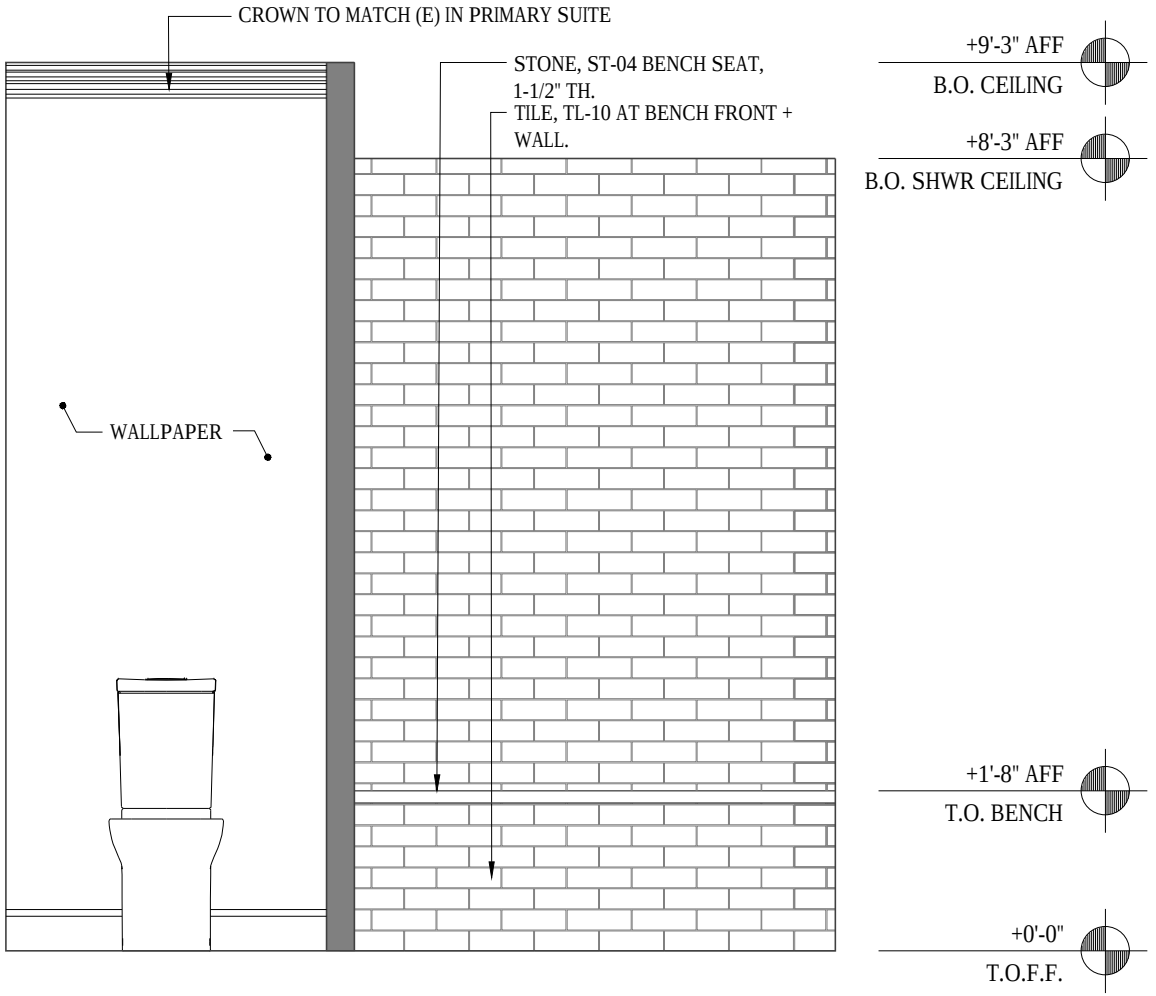
project: ELPI
PRIMARY BATH SHOWER EAST ELEVATION

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 03-B



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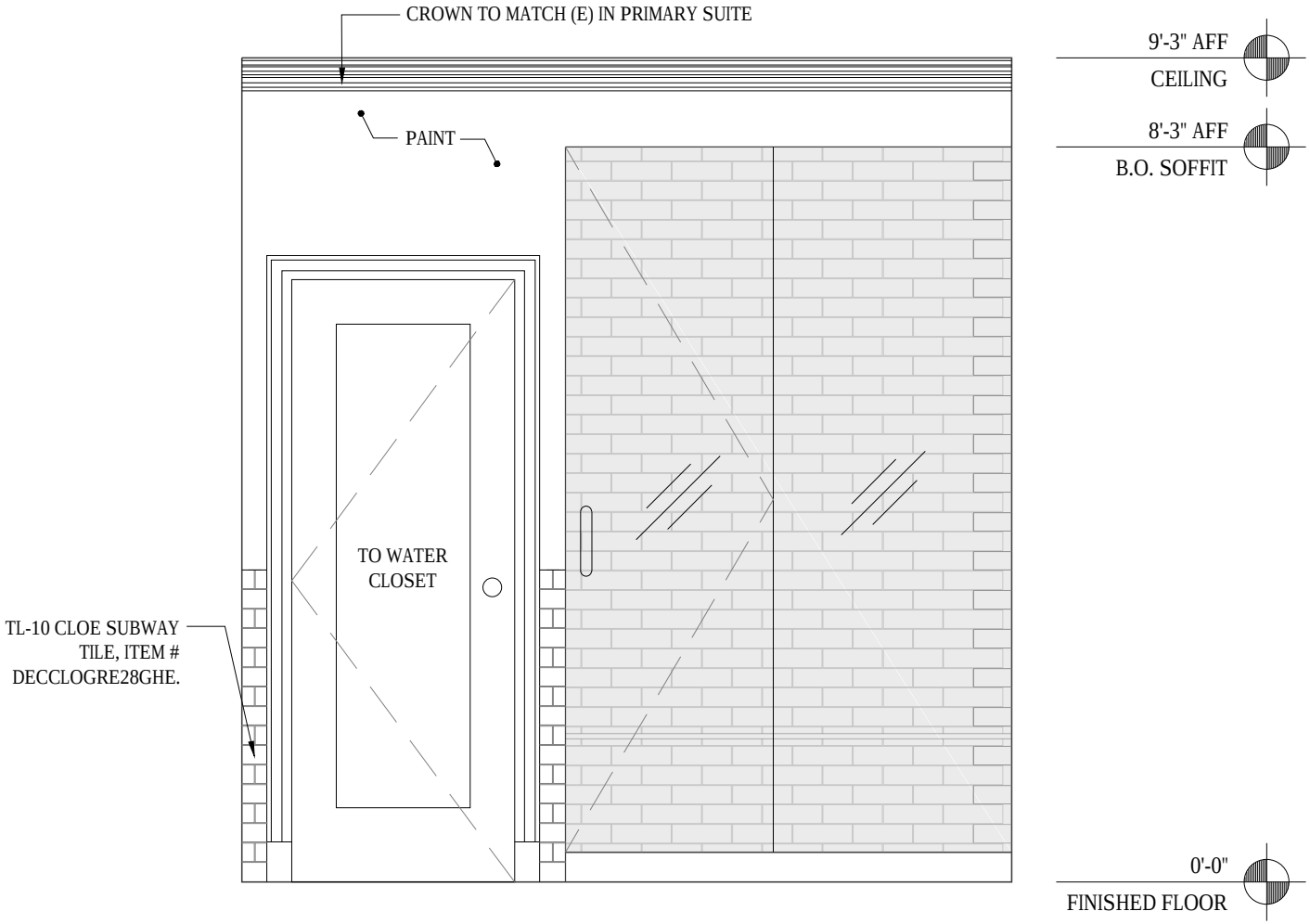
project: ELPI

PRIMARY BATH WETROOM SOUTH ELEVATION

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 04-A



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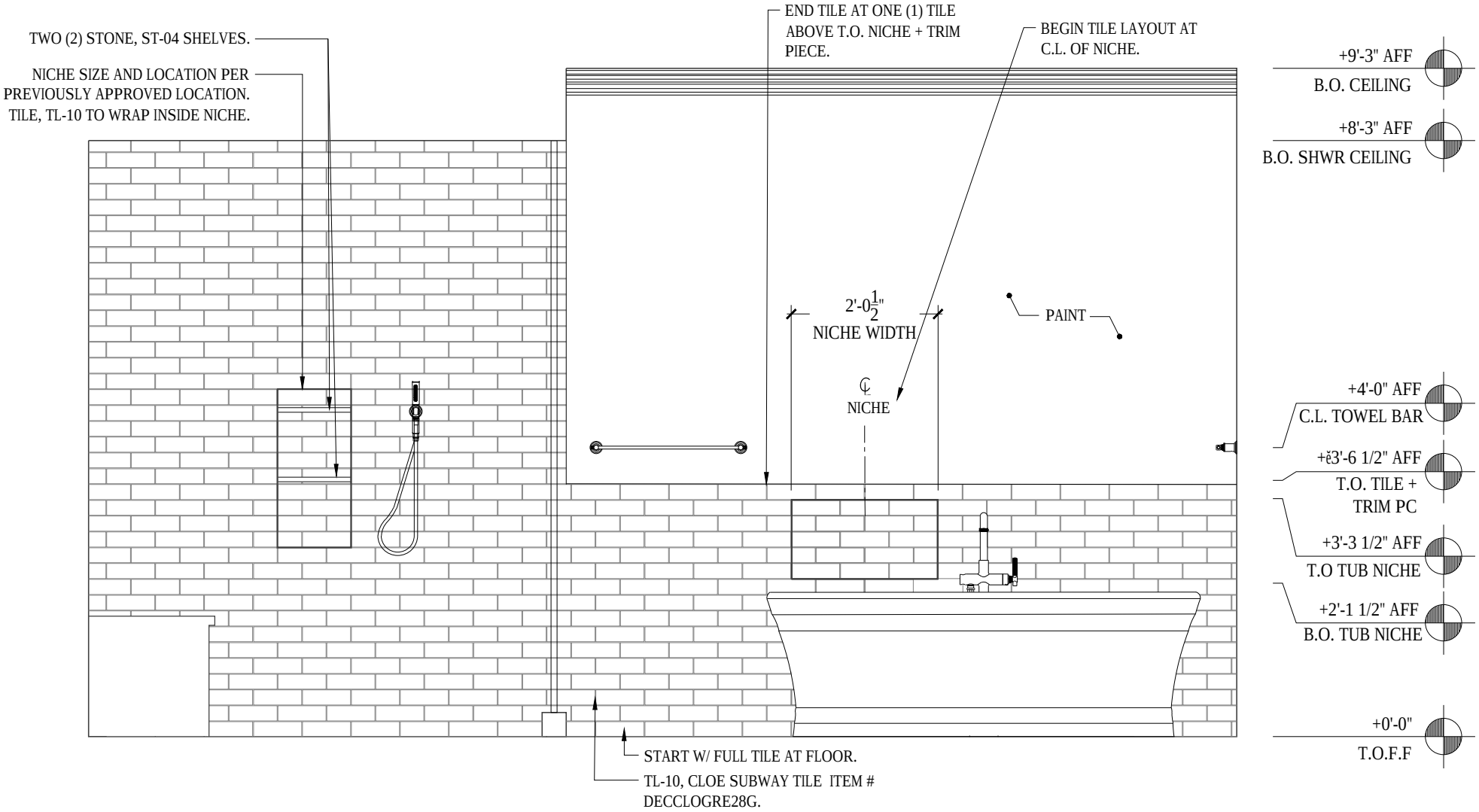
project: ELPI

PRIMARY BATH WETROOM SOUTH ELEVATION

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 04-B

NOTE: SHOWER PLUMBING FIXTURE LAYOUT PER PREVIOUS CLIENT APPROVAL.



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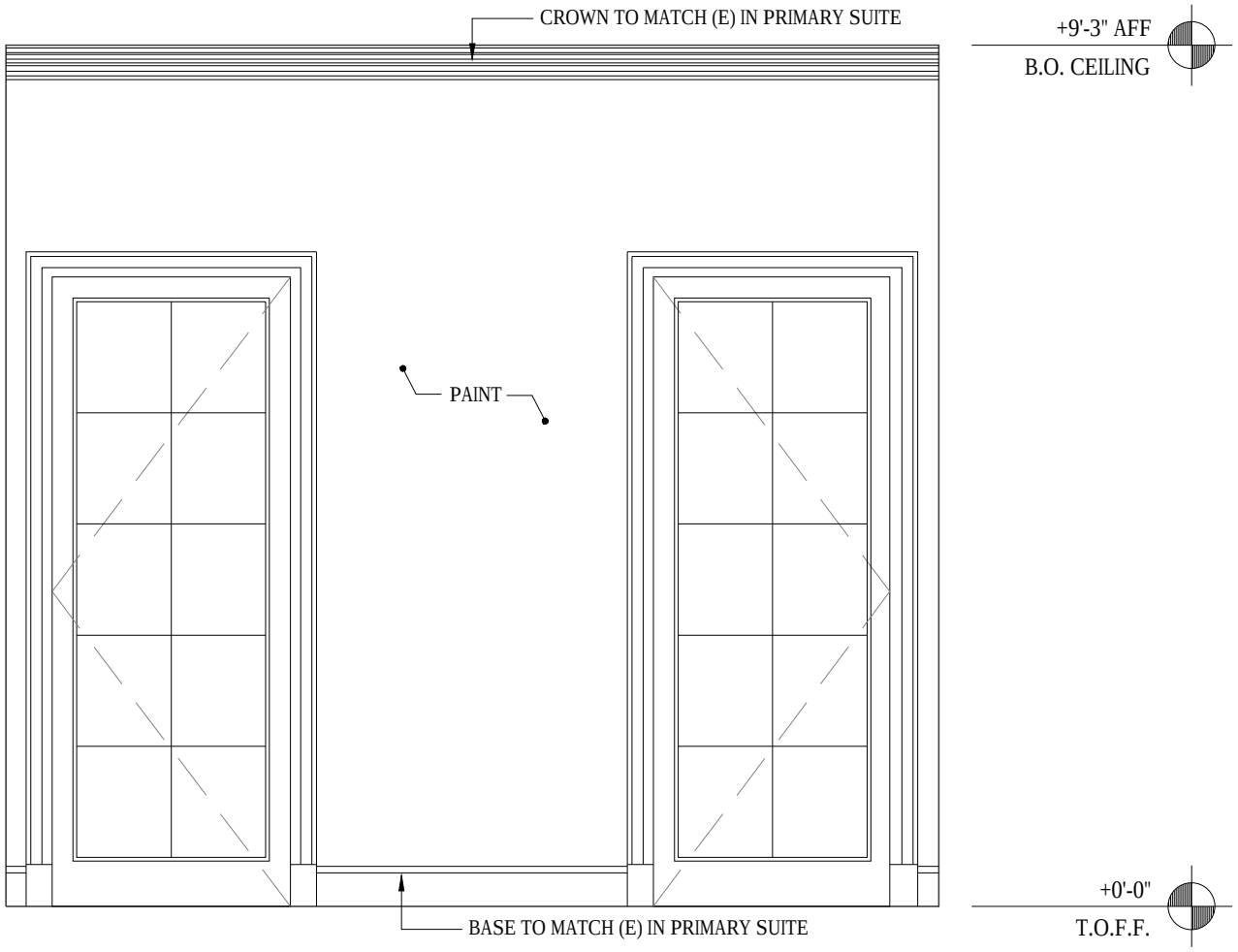
project: ELPI
PRIMARY BATH WEST ELEVATION

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 05-A



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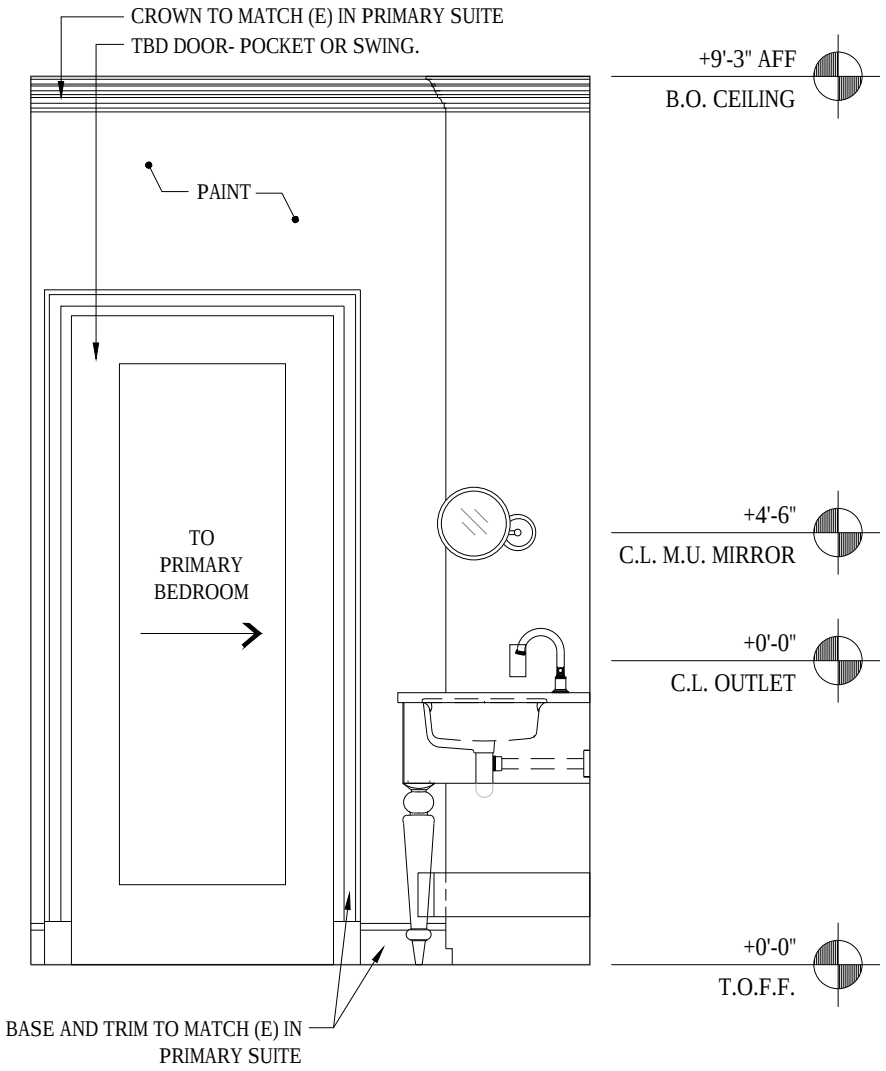
project: ELPI

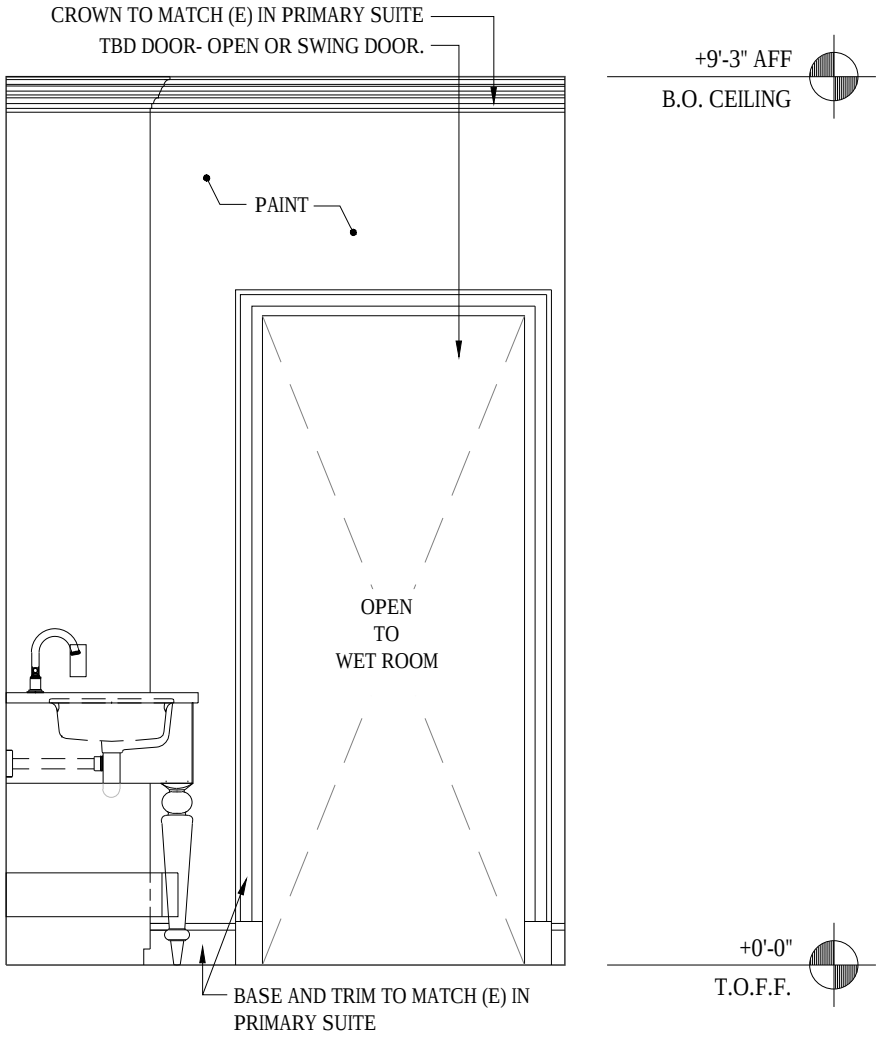
PRIMARY BATH VANITY ROOM NORTH ELEVATION

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 06



VANITY ROOM EAST ELEVATION



VANITY ROOM WEST ELEVATION

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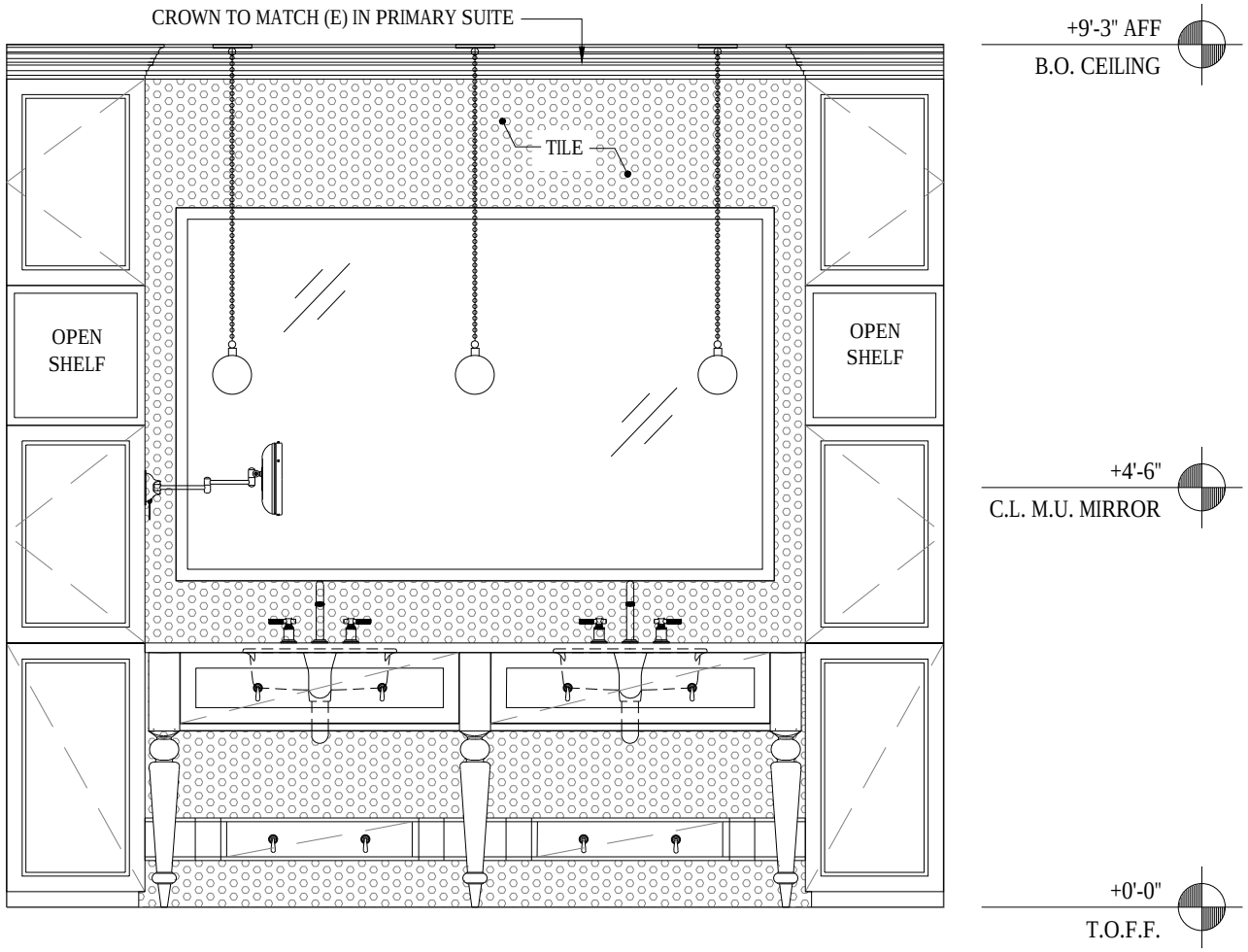
project: ELPI
PRIMARY BATH VANITY ROOM

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 07

NOTE: SEE PAGE 09-A, 09-B & 09-C FOR CABINETRY &
VANITY DETAILS



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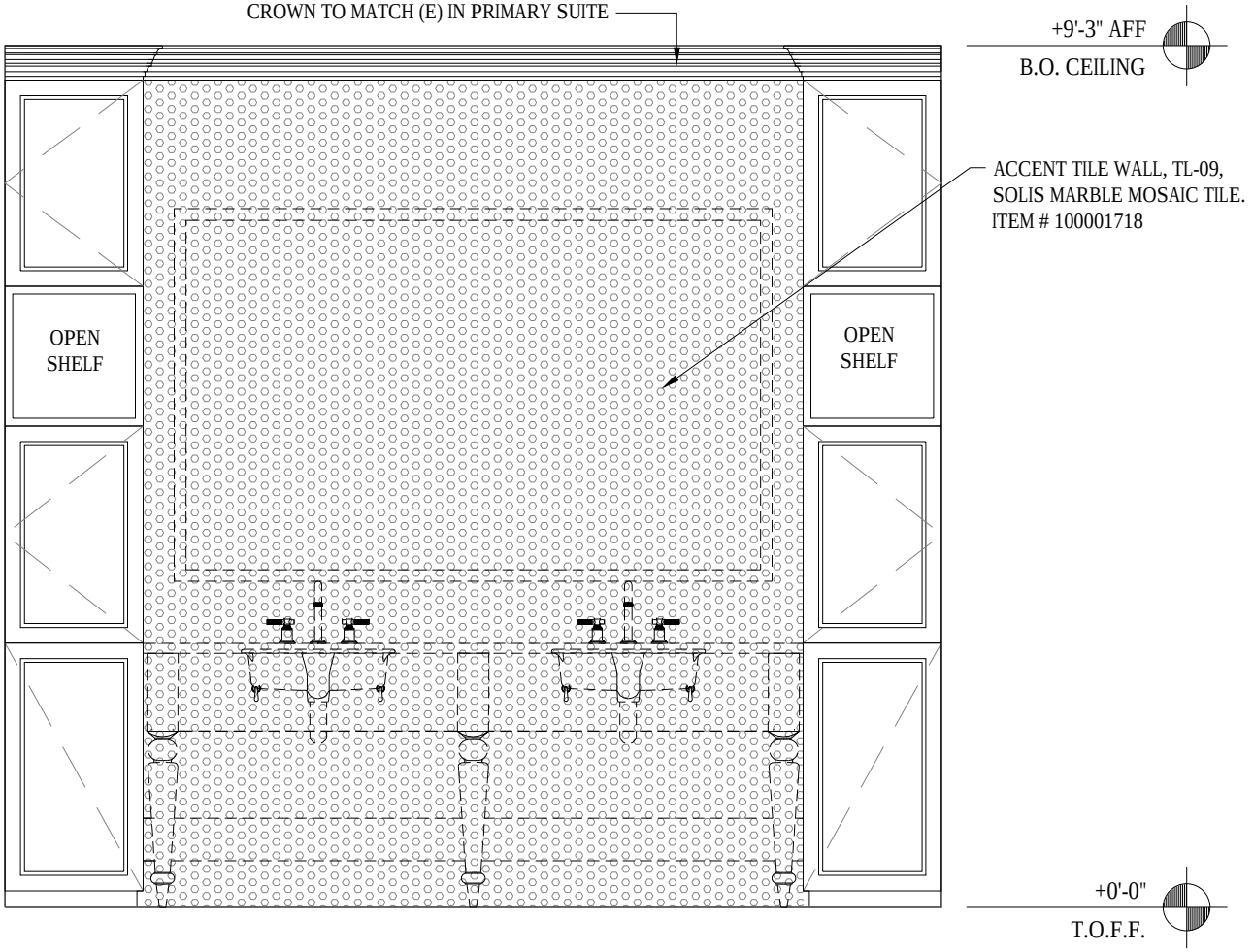
project: ELPI
PRIMARY BATH VANITY ROOM SOUTH ELEVATION

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 08-A

NOTE: SEE PAGE 09-A, 09-B & 09-C FOR CABINETRY &
VANITY DETAILS



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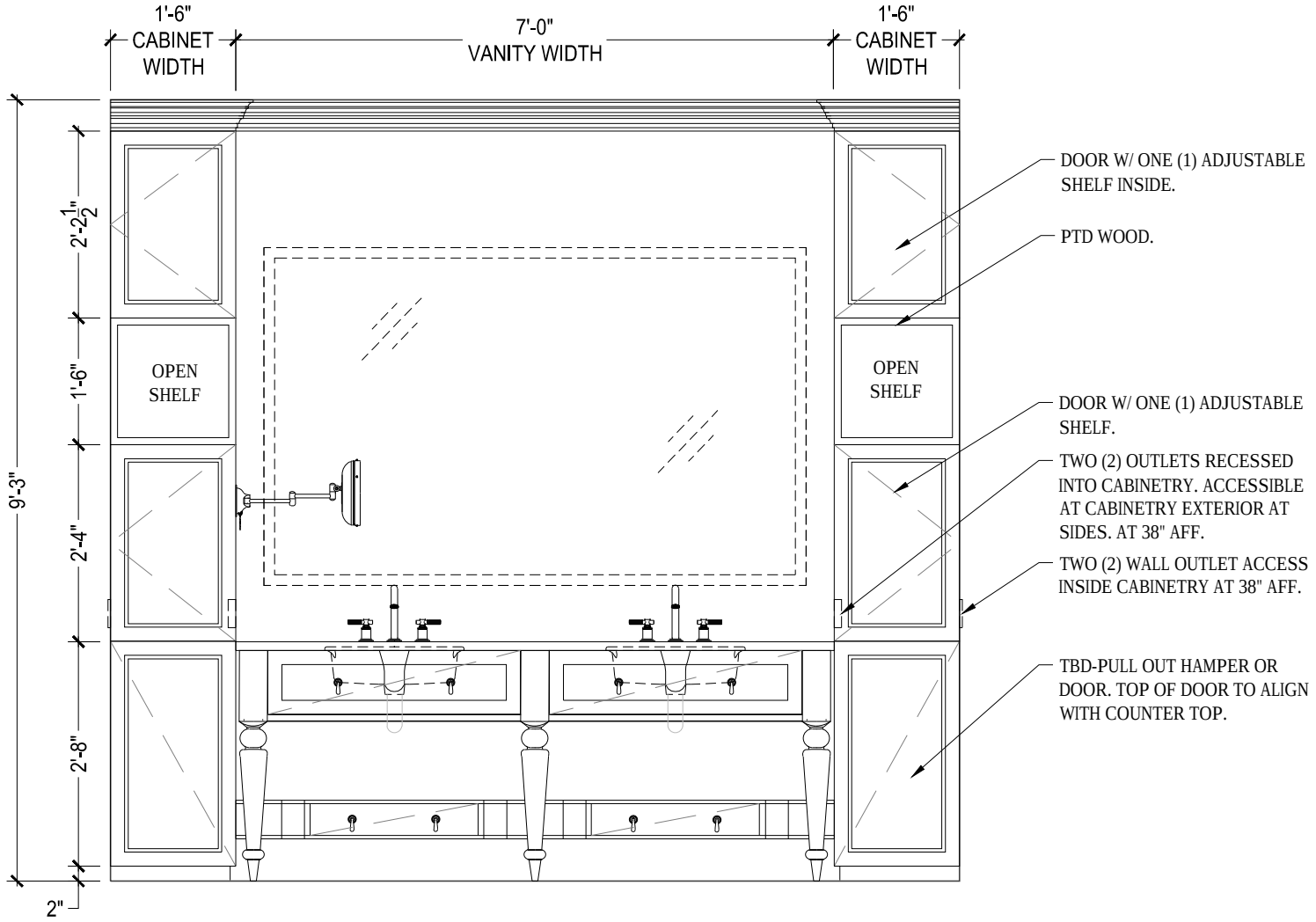
project: ELPI
PRIMARY BATH VANITY ROOM SOUTH ELEVATION

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 08-B



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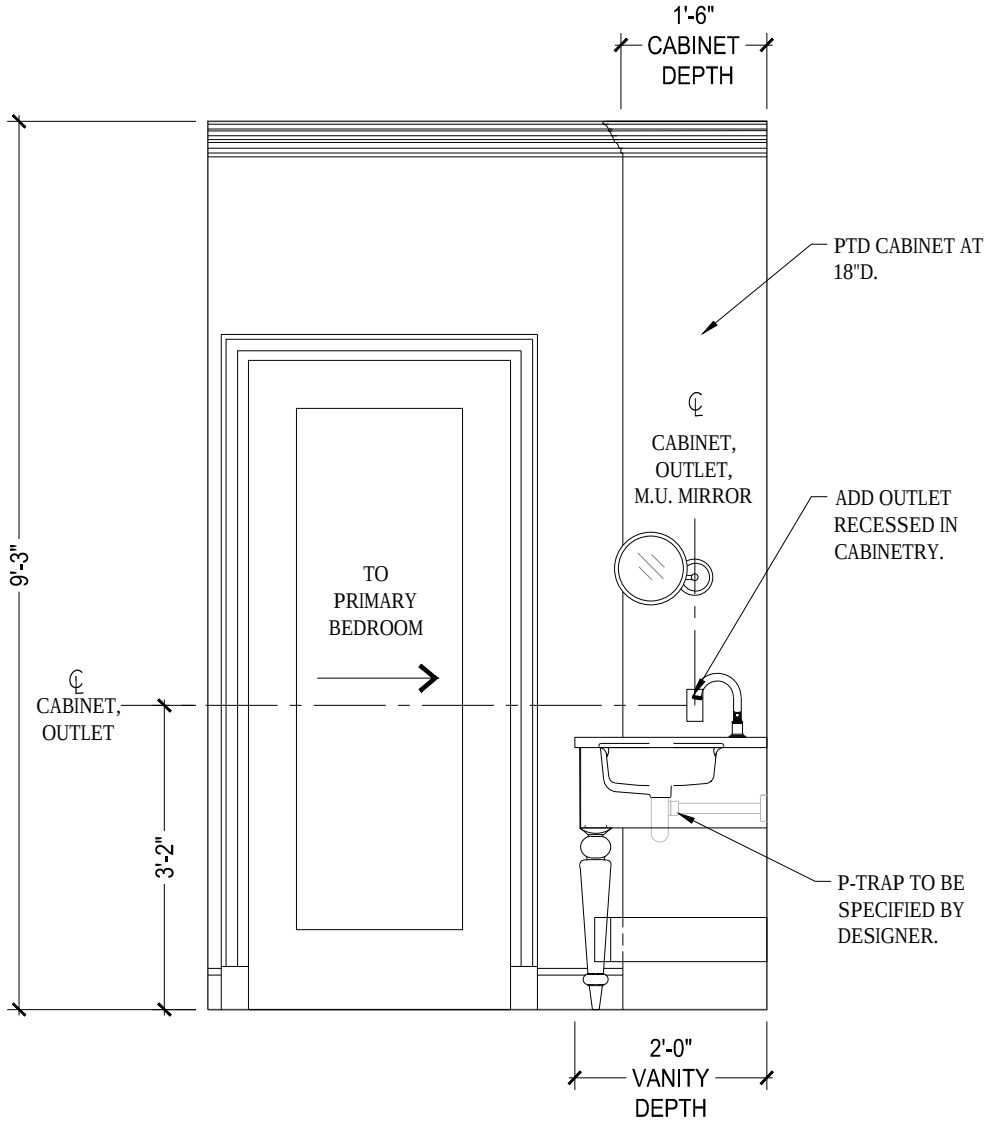
project: ELPI

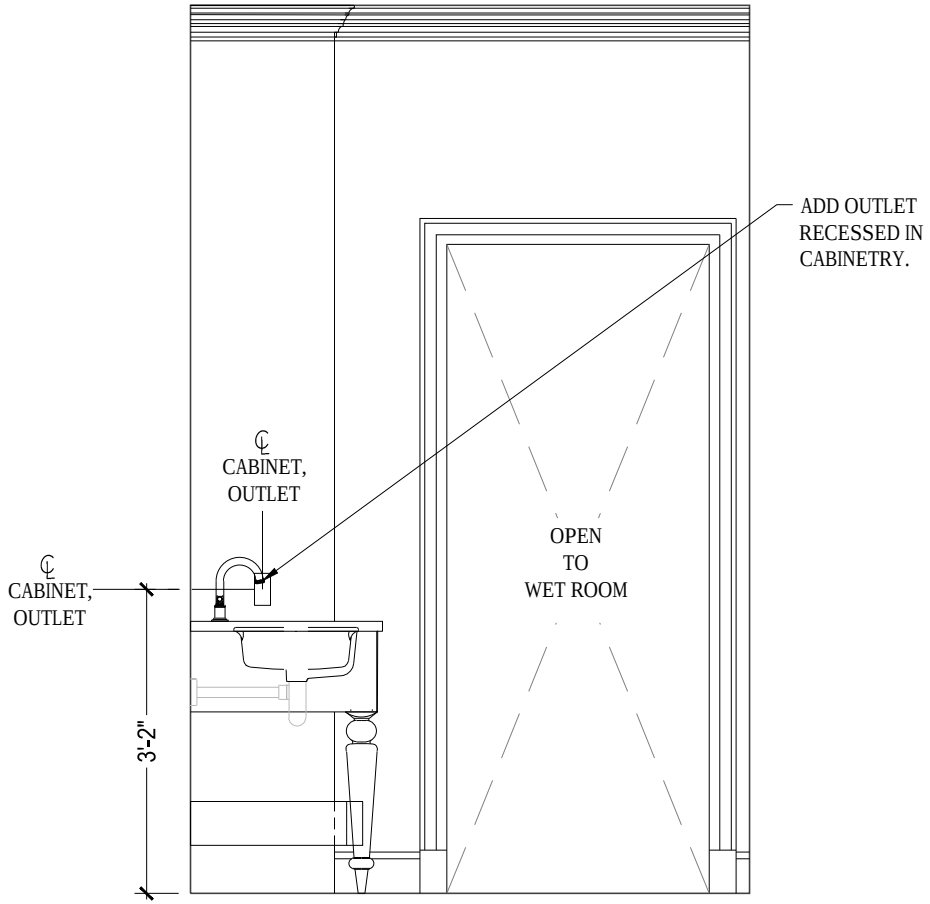
PRIMARY BATH VANITY & CABINETRY FRONT VIEW

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

No. 09-A



EAST ELEVATION



WEST ELEVATION

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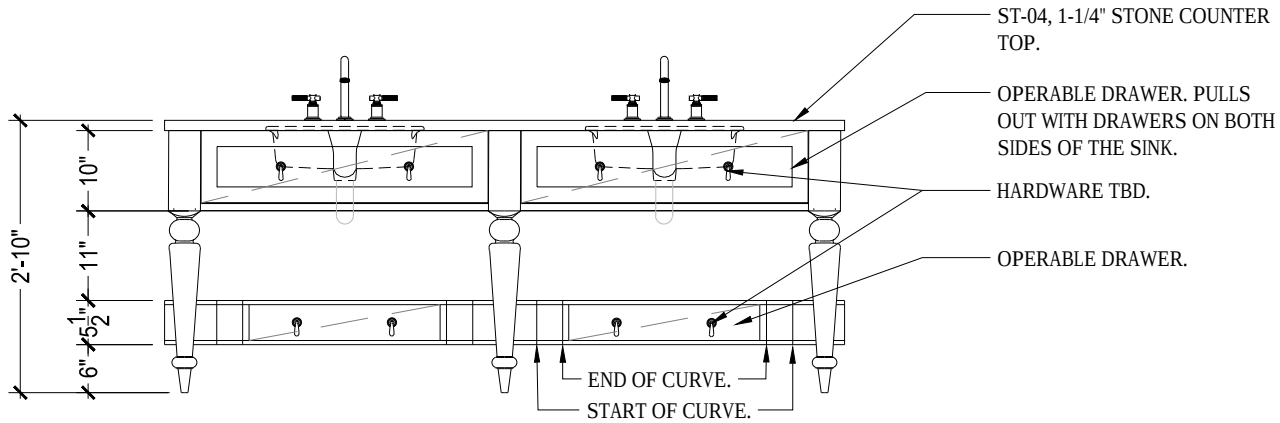
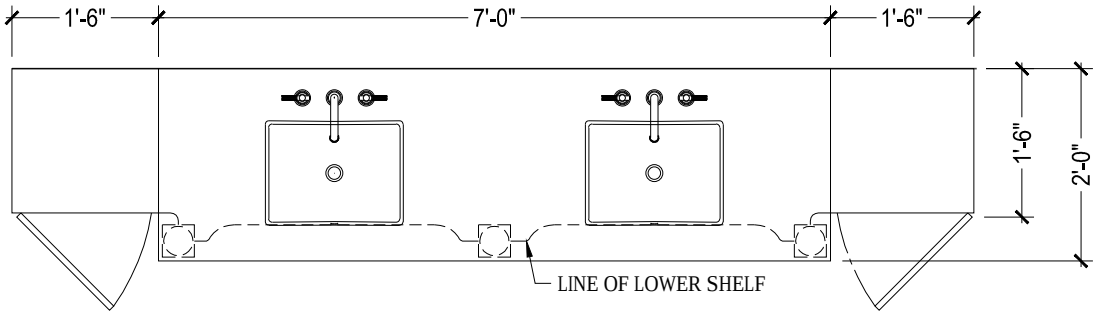
project: ELPI
PRIMARY BATH VANITY & CABINETRY

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0"

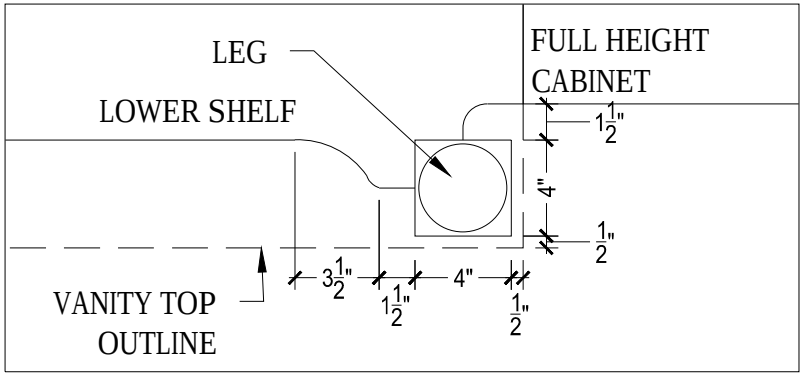
No. 09-B



VANITY FRONT VIEW

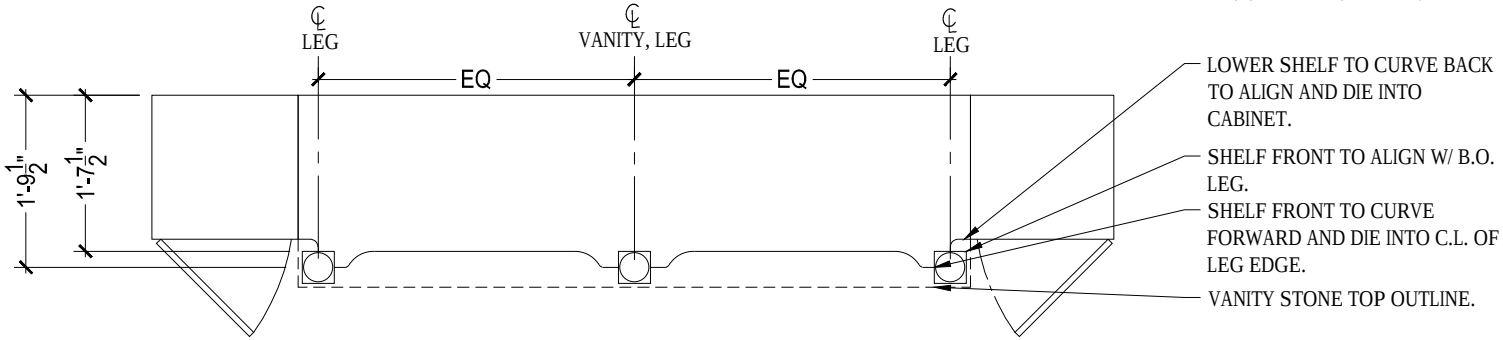


VANITY & CABINETRY PLAN



VANITY & CABINETRY PLAN

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



LOWER SHELF & CABINETRY PLAN

JAYJEFFERS

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project: ELPI
PRIMARY BATH VANITY & CABINETRY

date	09.02.2022
drawn by	BH
scale	1/2" = 1'-0" U.O.N.

No. 09-C