COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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August 28, 2025

IN REPLY PLEASE
REFER TO FILE: BRC-2

HUNTINGTON PARK LIBRARY REFURBISHMENT PROJECT
SPECS. NO. 7963; C.P. NO. 8A064

NOTICE TO BIDDERS "B"

This Notice to Bidders "B" provides information, clarifies certain portions of the Project Manual and provides responses to questions received, and forms a part of the Contract Documents.

PROJECT MANUAL:

1. Refer to Section 00 03 00, Form of Bid. **Delete** the section in its entirety and **replace** with the attached revised Section 00 03 00 (Attachment 1).

2. **Add** Section 00 03 14, Certification to Comply with Countywide Community Workforce Agreement (CWA) Form, to the project manual (Attachment 2).

3. **Add** Section 00 03 15, Cost Impact of Countywide Community Workforce Agreement (CWA) Form, to the project manual (Attachment 3).

4. **Add** Report of Hazardous Building Materials Survey Huntington Park Library Renovation Project dated May 2, 2024 (Attachment 4).

5. **Add** County of Los Angeles Public Library Sign Standards Manual dated June 2015 (Attachment 5).

PLANS

1. Refer to Sheet G2.00, Code Plan, and delete Code Plan General Notes, Note number 7 (Attachment 6).

2. Refer to Sheet A2.01, Level 1 Demolition Plan. **Delete** in its entirety and **replace** with the new Level 1 Demolition Plan (Attachment 7).

3. Refer to Sheet A3.31, First Floor Furniture Plans. **Delete** in its entirety and **replace** with the new First Floor Furniture Plan (Attachment 8).

4. Refer to Sheet A3.32, Second Floor Furniture Plans. **Delete** in its entirety and **replace** with the new Second Floor Furniture Plan (Attachment 9).

5. Refer to Sheet A3.33, Furniture. **Delete** in its entirety and **replace** with the new Furniture (Attachment 10).

6. Refer to Sheet A4.01, Exterior Elevations. **Delete** in its entirety and **replace** with the new Exterior Elevations (Attachment 11).

7. Refer to Sheet A6.04, Vertical Circulation Details. **Delete** details number 2 and number 8 (Attachment 12).

8. Refer to Sheet 9.23, Wood Panel Details. **Delete** in its entirety and **replace** with the new Wood Panel Details (Attachment 13).

9. Refer to Sheet A9.54, Play 102B, Discovery Wall. **Delete** in its entirety and **replace** with the new Discovery Wall, 9.54 (Attachment 14).

10. Refer to Sheet A9.54a, Play 102B, Discovery Wall. **Delete** in its entirety and **replace** with the new Discovery Wall, A9.54a (Attachment 15).

11. Refer to Sheet A9.54b, Play 102B, Discovery Wall. **Delete** in its entirety and **replace** with the new Discovery Wall, A9.54b (Attachment 16).

12. Refer to Sheet A9.54c, Play 102B, Discovery Wall. **Delete** in its entirety and r**eplace** with the new Discovery Wall, A9.54c (Attachment 17).

13. Refer to Sheet A9.54d, Play 102B, Discovery Wall. **Delete** in its entirety and **replace** with the new Discovery Wall, A9.54d (Attachment 18).

14. Refer to Sheet E0.22 and note the following additions (Attachment 19).
    1. Added 20A/1P circuit, J1-41 for Main Entry video display
    2. Added 20A/1P circuit, J1-38 for 2nd level print station
    3. Added receptacle load to circuit J1-26
    4. Added 20A/1P circuit, J1-22 for floor outlets in teen area

15. Refer to Sheet E2.01 for an updated furniture plan (Attachment 20).

16. Refer to Sheet E2.01A for an updated furniture plan and removal of the undercabinet outlet for laptop charging station (Attachment 21)

17. Refer to Sheet E2.01B and note the updated furniture plan and the added outlet in the breakroom (Attachment 22).

18. Refer to Sheet E2.01C and note the following changes, (Attachment 23).
    1. Updated furniture plan
    2. Removed outlets in children's area
    3. Added circuit to screen at entry
    4. Removed undercabinet outlet for laptop charging station

19. Refer to Sheet E2.01D and note the following changes, (Attachment 24).
    1. Updated furniture plan Updated furniture plan
    2. Added floor outlets to teen area
    3. Added homerun to teens area for new circuit, combined homerun with existing circuit
    4. Removed floor outlet in Study T1 – rm 104
    5. Added outlet at entry seating

20. Refer to Sheet E2.02 and note the updated furniture plan (Attachment 25).

21. Refer to Sheet E2.02A and note the updated furniture plan (Attachment 26).

22. Refer to Sheet E2.02B for an updated furniture plan (Attachment 27).

23. Refer to Sheet E2.02C for an updated furniture plan (Attachment 28).

24. Refer to Sheet E2.02D for an updated furniture plan (Attachment 29).

25. Refer to Sheet T3.11 for added (1) 2-port data outlet to Tech 102C (Attachment 30).

QUESTIONS:

1. Question: Sheet A4.01 Arcade elevation 3 notes rails to be painted part of Alternate 1. Is this a typo? It seems to conflict with Alt #1 description on page G0.00?

   Answer: Painting of the guardrails is Add Alternate 2. Sheet A4.01 has been replaced in its entirety.

2. Question: Please advise if a new Fire sprinkler system is required and part of this project scope?

3.

   Answer: Fire sprinkler system is not part of the project scope.

4. Question: Sheet G1.01 Fire protection note #1 calls for the existing fire alarm system to remain. Is the intent for only the FA main panel to remain existing? The project scope will require the removal of most of the existing FA devices and wires. Please advise and provide clear Fire alarm system plans and scope.

   Answer: Fire Alarm System is existing and is to remain. Protect in place and take temporary measures as necessary to support devices and re-attach.

5. Question: Sheets A3.13, A3.14 and A3.15 Signage Legend states, “SEE LA COUNTY SIGNAGE DESIGN MANUAL”. Can you please provide the LA COUNTY SIGNAGE DESIGN MANUAL?

   Answer: Please refer to County Library "Sign Standards Manual," dated June 2015, Attachment 5.

6. Question: Reference Section 099123, Interior Painting pg.3; Section 1.8 C. Please confirm whether lead paint is present on this project. If there is a possibility of lead paint being present, please provide the lead survey report or any related documentation.

   Answer: Please refer to the "Report of Hazardous Building Materials Survey Huntington Park Library Renovation Project" dated May 2, 2024, Attachment 4.

7. Question: On Sheet T-0.01, Access control systems are noted as owner-furnished, owner-installed, while door release and video intercom are not indicated as such. Please clarify if the contractor is to provide rough-in only for the devices furnished and installed by the owner, but the door release and video intercom are to be furnished and installed by the contractor.

   Answer: As per drawings, Access Controls, Intrusion Detection and Alarm System, CCTV System, and Public Address System will all be Owner-Furnished Owner-Installed. The Door Release System for the Restrooms and Video Intercom System for the Staff Entrance Door will be Contractor-Furnished / Contractor-Installed.

8. Question: Please confirm if the County will allow the contractor to use existing electric power and domestic water from the Library during the construction. If not, please provide a direction on how the contractor should proceed with temporary construction utilities.

   Answer: The contractor will be able to use the existing electrical power and domestic water from the library during construction.

9. Question: During the job walk meeting, it was noted that the existing parking lot on the East side belongs to the Police department. Please advise if the County will allow the contractor to use a portion of the parking lot as a lay-down area, including the contractor's office.

10. Answer: A lay-down area will be allowed in the parking lot, with the amount of area currently being negotiated with the City of Huntington Park. The 3rd floor can potentially serve as an office or meeting space. The parking lot may be shared by a temporary trailer library for the general public and for City parking, but details on how this shared use will be managed have not been finalized.

Kindly notify your subcontractors to this effect. If you have any questions, please contact Ms. Ivonne Pena at (626) 458-2585 or ipena@pw.lacounty.gov.

Very truly yours,

MARK PESTRELLA, PE
Director of Public Works

Soo Kim

SOO KIM
Division Chief
Business Relations and Contracts Division

BS:ip

Attach.

_____ _____

Name of Bidder (Firm Name) Vendor Identification Number

SECTION 00 03 00

FORM OF BID TO BE USED BY BIDDERS

The undersigned proposes to furnish all materials, labor, and equipment required for the construction to complete the Huntington Park Library Refurbishment Project, in accordance with Drawings and Specifications 7963, including addenda thereto, if any, adopted by the Board of Supervisors, and on file in the office of the Board of Supervisors, as follows:

The lowest bid price shall be determined by adding the following items: Lump Sum Bid in Words (1) + Bid Alternate (1) + Bid Alternate (2) + [Extended Overhead Daily Rate (3) x Multiplied by 30 days] = Total Lump Sum Bid. The preference as stated in Section 00 01 00, 1.30, will be applied to the Total Lump Sum Bid, if applicable, to determine the final total bid amount.

1. LUMP SUM BID:

The lump sum bid for the work, including Best Management Practices (BMP) and Construction and Demolition Debris Recycling, and Mandatory Jobs Coordinator requirements complete according to the Drawings and Specifications, will be:

($_____) (_____)

Lump sum bid in figures Lump sum bid in words

2. EXTENDED OVERHEAD DAILY RATE:

The daily rate for the sum of the Contractor's field office and home office overhead applicable to this project, for each day of compensable delay will be:

($_____) (_____)

Daily rate in figures Daily rate in words

3. BID ALTERNATE 1:

The amount to be added to the Lump Sum Bid for inclusion of the work of Additive Alternate 1:

($_____) (_____)

Daily rate in figures Daily rate in words

3. BID ALTERNATE 2:

The amount to be added to the Lump Sum Bid for inclusion of the work of Additive Alternate 2:

($_____) **(_____)**
Daily rate in figures **Daily rate in words**

4. COUNTY PROGRAM PREFERENCE:

The Local Small Business Enterprise Program Preference is provided by the County for purposes of bid evaluation only, as specified in Article 1.30 of Section 00 01 00. If Bidder is a qualifying Local Small Business Enterprise, check "yes" in the box below. Section 00 04 38 Request for County Program Preference Consideration must be submitted at the time of bid with a copy of the certification letter issued by the County of Los Angeles Department of Consumer and Business Affairs. If non-qualifying, check "no" in the appropriate box.

LSBE Yes ☐ No ☐

4. RECEIPT OF NOTICE TO BIDDERS:

I hereby certify and declare that I have received, reviewed and incorporated Notice to Bidders A dated August 12, 2025, and Notice to Bidders B issued August 28, 2025, into my Bid.

Executed this day of _____ (Month and Year)

By: _____
(Authorized Signature of a Principal Owner, Officer, or Manager)

_____

_____

NOTE: Any alteration or addition to the Form of Bid may invalidate same. All blank spaces shall be filled out completely. Line out nonapplicable blanks. An incomplete form may invalidate bid. The County reserves the right to waive any informalities or to reject any or all bids or to accept any alternatives when called for.

I (We) certify that on _____, 20____, License No. _____, license classification(s) _____, was issued to me (us), in the name of _____, by the Contractors' State License Board, pursuant to California Statutes of 1929, as amended, and that said license has not been revoked.

Firm Ownership Information
Check where applicable:

1. ( ) Minority-Owned
   ( ) Woman-Owned
   ( ) Disadvantaged-Owned
   ( ) Disabled Veteran-Owned
   ( ) LGBTQQ-Owned

2. ( ) An individual
   ( ) A corporation. Name state or territory of Incorporation
   _____
   ( ) A copartnership
   ( ) A joint venture

Race/Ethnic Composition
For statistical purposes only.
( ) Black/African American
( ) Hispanic/Latino
( ) Asian or Pacific Islander
( ) Native Americans
( ) Subcontinent Asian
( ) White

If a copartnership or joint venture, list names of individuals comprising same below
_____
_____
_____

Date signed _____, 20_____

Place _____
City and State

Respectfully submitted,

_____
Firm Name (if applicable)

Bidder's address, E-mail address, and telephone:

_____
Number and Street

_____
City and State Zip Code

_____
Telephone

_____
Fax

_____
Signature and Print Name

_____
Title and E-mail Address

_____
Signature and Print Name

_____
Title and E-mail Address

_____
Name of Bidder (Firm Name)

SECTION 00 03 14
CERTIFICATION TO COMPLY WITH COUNTYWIDE COMMUNITY WORKFORCE AGREEMENT (CWA) FORM

I certify on behalf of the Contractor as follows:

If selected as the Contractor on the **Huntington Park Library Refurbishment** Project:

Contractor, and all of its subcontractors of any tier, agree to be become a party to and accept the terms and conditions of the Countywide Community Workforce Agreement (CWA), entitled Countywide Community Workforce Agreement, dated June 7, 2023. A copy of the Countywide CWA is attached as Exhibit A. If awarded contract, Letter of Assent shall be signed by the Prime Contractor prior to the execution of the Contract.

Note: This statement is a Pass/Fail statement. Any bidders that will not verify a commitment to comply with the requirements of Countywide CWA **shall not be selected.**

_____ Dated:_____
Responsible Contractor Representative

_____
(Signature)

_____
(Company and Position of Signatory)

_____
Name of Bidder (Firm Name)

SECTION 00 03 15
COST IMPACT OF COUNTYWIDE COMMUNITY WORKFORCE AGREEMENT (CWA) FORM

Countywide Community Workforce Agreement:

The cost associated with the inclusion of the Countywide Community Workforce Agreement shall be included with the Lump Sum Bid, Section 00 03 00, and shall not be in addition to it.

Note: This Section 00 03 15 Form shall be submitted at the time of bid. If this form is not completed and submitted with the required bid documents, the bid shall be found nonresponsive and will not be considered for review.

(_____) (_____)
Countywide CWA Cost in figures Countywide CWA Cost in words

_____ _____
Responsible General Contractor Representative Date

_____
(Signature)

_____
(Company and Position of Signatory)

REPORT OF
HAZARDOUS BUILDING MATERIALS SURVEY
HUNTINGTON PARK LIBRARY
RENOVATION PROJECT
6518 MILES AVENUE
HUNTINGTON PARK, CALIFORNIA
PCA: P9700260
PROJECT ID: 00002340
PW CONTRACT: 15545
KLEINFELDER PROJECT NO. 20235545.009A

MAY 2, 2024

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A Report Prepared for:

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Capital Projects Management
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REPORT OF HAZARDOUS BUILDING MATERIALS SURVEY
HUNTINGTON PARK LIBRARY RENOVATION PROJECT
6518 MILES AVENUE
HUNTINGTON PARK, CALIFORNIA
PCA: P9700260
PROJECT ID: 00002340
PW CONTRACT: 15545
KLEINFELDER PROJECT NO. 20235545.009A

Prepared by:

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May 2, 2024
Kleinfelder Project No. 20235545.009A

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B Inspector Certifications
C CDPH Form 8552 – Lead Hazard Evaluation Report

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1 EXECUTIVE SUMMARY

This report presents results of the Hazardous Building Materials Survey (HBMS) performed by Kleinfelder on April 8 and 15, 2024 at the Huntington Park Library (Site), located at 6518 Miles Avenue in Huntington Park, California. The HBMS was performed at the Site to evaluate the presence, location, and quantity of accessible suspect hazardous building materials that may represent a potential worker safety hazard if disturbed, and/or may require special handling and/or disposal as hazardous waste as part of the upcoming Site renovation project. Suspect hazardous building materials included asbestos-containing materials (ACMs), lead-containing materials (LCMs), and building equipment that may contain other hazardous materials such as polychlorinated biphenyls (PCBs), mercury or mercury vapor, and chlorofluorocarbon (CFC)-containing refrigerants.

The following presents a summary of the HBMS findings. The findings are based on field observations/instrument readings during the HBMS and Kleinfelder's review of laboratory analytical results of samples collected during the HBMS. Detailed discussions of HBMS survey methods and results are presented in Sections 3 through 5 of this report.

Asbestos-Containing Materials

- Dark tan 12-inch vinyl floor tile and associated black mastic located in the Main Communications Room (MCR) on the 3rd floor of the Site.
- Brown mastic associated with 4-inch brown rubber base cove. This material is located in the MCR on the 3rd floor and the Staff Lounge on the 1st floor.

Lead-Containing Materials

- Glaze applied to the white porcelain mop sink in the Janitor's Closet on each floor of the Site.
- White paint applied to metal columns in the Library on the 1st Floor.
- White paint applied to the metal stair railing in Stairwell #2.

Other Hazardous Building Materials

- Fluorescent light tubes that may contain mercury or mercury vapor.
- Fluorescent light fixture ballasts that may contain PCBs.

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- Batteries in exit signs and emergency light fixtures that may contain battery acid and/or heavy metals.
- Drinking fountain that contains hydrofluorocarbon (HFC)-containing refrigerant.

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2 INTRODUCTION AND BUILDING DESCRIPTIONS

2.1 INTRODUCTION

This report presents results of the HBMS performed by Kleinfelder on April 8 and 15, 2024 at the Huntington Park Library (Site) located at 6518 Miles Avenue in Huntington Park, California. The HBMS was performed at the Site to evaluate the presence, location, and quantity of accessible suspect hazardous building materials that may represent a potential worker safety hazard if disturbed, and/or may require special handling and/or disposal as hazardous waste as part of the upcoming Site renovation project. Suspect hazardous building materials included ACMs, LCMs, and building equipment that may contain other hazardous materials such as PCBs, mercury or mercury vapor, and CFC-containing refrigerants.

The HBMS scope of services was presented in Kleinfelder Proposal No. MF220343.001P/09-0000 dated February 9, 2024. Los Angeles County Public Works (PW) authorized the proposal in their Notice to Proceed letter dated February 21, 2024.

2.2 SITE DESCRIPTION

The Site building was constructed circa 1961 and consists of an approximately 33,480-square feet, three-story concrete- and steel-framed structure. Exterior finishes consist of concrete panels. Interior walls are finished with plaster, with portions of the public Site restrooms further finished with ceramic wall tile. Flooring consists of carpet, vinyl floor tile, or ceramic floor tile. Ceilings are finished with 2- by 4-feet or 2- by 2-feet lay-in ceiling tiles.

2.3 PHYSICAL LIMITATIONS

Kleinfelder's survey included accessible interior and exterior areas of the Site building that are anticipated to be affected by the upcoming renovation project. In accordance with the approved scope of services, destructive inspection and sampling methods were not used during the survey. Based on these limitations, there is a possibility that additional ACMs, LCMs, or other hazardous materials may be encountered within the Site building that were not identified during Kleinfelder's survey for the upcoming renovation project. If suspect hazardous materials are encountered during hazardous material abatement activities, they should be assumed to be hazardous until results of an appropriate assessment show whether special handling and/or disposal are necessary.

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3 ASBESTOS-CONTAINING MATERIALS SURVEY

3.1 ASBESTOS-CONTAINING MATERIALS SURVEY METHODS

Kleinfelder personnel performed a visual survey of the Site and collected representative bulk samples of building materials suspected to contain asbestos. Mr. Richard Stevenson, a California Division of Occupational Safety and Health (DOSH, also known as Cal/OSHA) Certified Asbestos Consultant (CAC, No. 06-3992) performed the survey. The survey was completed consistent with United States Environmental Protection Agency (US EPA) Asbestos Hazard Emergency Response Act (AHERA) methods (40 Code of Federal Regulations [CFR] Part 763) and South Coast Air Quality Management District (SCAQMD) Rule 1403 requirements as guidelines.

Areas of homogeneous suspect ACM were identified by the visual inspection of building materials. Bulk samples of suspect ACM were collected using hand tools, such as utility knives, chisels, or putty knives, or using a T-handled manual corer with 3-inch brass core tubes. Up to approximately 2-square inches of material were collected for each sample, which was then placed in either 2- or 4-ounce plastic “Whirl-Pak” sample bags and labeled with a unique sample identification number directly on the sample bag. Sampling tools were cleaned with soap and water following the collection of each sample.

Kleinfelder collected a total of 47 representative bulk building material samples (Samples HPL-1 through HPL-47) during the Site asbestos survey. Bulk samples collected during the survey were delivered by Kleinfelder under chain-of-custody protocol to SGS Forensic Laboratories (Forensic) in Carson, California for analysis of asbestos content by polarized light microscopy (PLM). Forensic is a US EPA and California state-certified laboratory and National Voluntary Laboratory Accreditation Program (NVLAP) participant. PLM analysis has a limit of quantification (LOQ) of 1 percent (%) asbestos. PLM results reported as “trace” denote the presence of asbestos below the PLM LOQ. Point-count analysis is necessary to quantitatively confirm asbestos content is less than 1%.

Summaries of building material samples collected, sample locations, asbestos content, condition, friability, and area estimates are presented in Table 1. Sample location maps, showing the approximate locations of building material samples collected on each floor of the Site, are provided as Figures 1 through 3. Copies of the analytical laboratory reports and chain-of-custody documentation are included in Appendix A. A copy of Mr. Stevenson’s current CAC license is included in Appendix B.

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3.2 REGULATORY OVERVIEW FOR ASBESTOS

Regulatory oversight for the management, removal, and disposal of ACMs is provided by a variety of federal, state, and local agencies.

The three primary regulations enforced by regulatory agencies that govern various activities (e.g., inspection, assessment, abatement, etc.) relating to ACMs include the following: AHERA, National Emission Standards for Hazardous Air Pollutants (NESHAP), and the Asbestos Construction Safety Standard (as codified in Federal Occupational Safety and Health Administration [OSHA] and Cal/OSHA regulations). US EPA regulations concerning the identification, handling, management, and abatement of ACMs (as defined in the AHERA and NESHAP) are implemented locally by SCAQMD. Both Cal/OSHA and Federal OSHA regulate asbestos as a worker health and safety issue. In addition, the transportation and disposal of asbestos-containing wastes are overseen by the California Environmental Protection Agency's Department of Toxic Substances Control (DTSC). Federal OSHA, US EPA, DTSC, and SCAQMD define ACM as material containing greater than 1% asbestos.

The following is a brief description of the three major regulations relating to ACMs.

3.2.1 Asbestos Hazard Emergency Response Act

AHERA (40 CFR Part 763), as implemented by the US EPA, primarily pertains to the assessment and management of ACMs in Kindergarten through Grade 12, non-profit schools. However, many of the procedures, training requirements, and certifications defined by AHERA have become the industry standard for most other facilities. For this survey, AHERA protocols were generally utilized in the identification, assessment, and sampling of building materials suspected of containing asbestos.

3.2.2 National Emission Standards for Hazardous Air Pollutants

The asbestos NESHAP (40 CFR Part 61, Subpart M) is an asbestos standard that protects the general public from asbestos exposure due to renovation or demolition activities. NESHAP requires surveying for suspect materials (as defined above), notifying of intent to renovate or demolish, removing Regulated Asbestos-Containing Material (RACM) prior to renovation or demolition, and properly managing asbestos-containing wastes. A RACM is defined by NESHAP as any of the following:

- Any friable ACM;

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- A Category I non-friable ACM (such as floor tiles, mastics, and asphalt roofing products) that has become friable or will be subject to sanding, grinding, cutting, or abrading during renovation or demolition activities; and
- A Category II non-friable ACM (all other non-friable ACMs) that has a high probability of becoming friable during demolition or renovation activities.

NESHAP requires that demolition activities be conducted with no visible emissions using wet methods. Note that although NESHAP regulates renovation and demolition activities, it does not protect individual workers performing asbestos abatement or provide instructions for how asbestos abatement projects should be performed.

3.2.3 Asbestos Standard for the Construction Industry

Federal OSHA, under its Asbestos Standard for the Construction Industry (29 CFR 1926.1101), and Cal/OSHA, under California Code of Regulations (CCR) Title 8, Section 1529, regulate asbestos exposure in the workplace. This includes persons working in a building containing ACM, as well as asbestos abatement workers/contractors. For abatement workers and contractors, the Asbestos Standard for Construction (i.e., the Construction Standard) regulates the following:

- Protection of workers and the public during removal of ACM;
- Medical surveillance requirements for workers;
- Detailed requirements for how ACMs are to be removed; and
- Training requirements for abatement personnel.

Furthermore, Cal/OSHA defines asbestos-containing construction material (ACCM) as any building material that contains more than 0.1% asbestos by weight. Building materials presumed or known to contain at least “trace” amounts (less than 1%, but greater than 0.1% by weight) of asbestos should be considered ACCM and managed according to Cal/OSHA regulations (as presented in CCR Title 8, Section 1529).

3.3 ASBESTOS-CONTAINING MATERIALS SURVEY RESULTS

Based on Kleinfelder’s observations and evaluation of the laboratory analytical reports, the following ACMs, defined as materials containing greater than 1% asbestos or materials containing “trace” asbestos that have not been further analyzed by point count methods, were confirmed to be present at the Site. Estimated quantities are based on area measurements made by Kleinfelder staff at the time of the survey.

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- Dark brown 12-inch vinyl floor tile and associated black mastic located on the 3rd Floor MCR (Samples HPL-8 through HPL-11) contain trace chrysotile and 2% chrysotile asbestos, respectively, and is classified as non-friable ACM. This material was observed to be in good condition at the time of the survey and is estimated to encompass 50-square feet.
- Brown mastic associated with 4-inch brown rubber base cove (Samples HPL-13 and HPL-36 contains trace anthophyllite asbestos. This material is located in the MCR on the 3rd floor and the Staff Lounge on the 1st floor. This material was observed to be in good condition at the time of the survey and is estimated to encompass 40-square feet in the locations it was observed.

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4 LEAD-CONTAINING MATERIALS SURVEY

4.1 LEAD-CONTAINING MATERIALS SURVEY METHODS

Kleinfelder personnel performed a survey of painted and/or coated surfaces at the Site suspected of containing lead. Mr. Richard Stevenson, a California Department of Public Health (CDPH) Certified Lead Inspector/Assessor (No. LRC-00000992), performed the LBP survey using US EPA, Federal Housing and Urban Development (HUD), and CDPH protocols as a general guidance.

Predominant interior and exterior painted and/or coated surfaces were tested for the presence of lead utilizing a Thermo Niton XL5 Plus portable x-ray fluorescence (XRF) analyzer unit. The XRF unit allows for non-destructive/non-intrusive measurements of lead content in paints up to 3/8-inch thick. Kleinfelder collected 200 XRF readings (including instrument calibration checks) from Site building components suspected of containing lead. The XRF measurements were recorded manually on field forms during the survey.

The survey also included a visual observation and physical assessment of painted surfaces. The physical assessment is performed by assessing whether a painted surface is in intact, fair, or poor condition. Suspect painted surfaces observed to be cracking, peeling away from the substrate, or otherwise damaged are considered to be in fair to poor condition, depending on the degree of the observed damage. Materials that do not exhibit these conditions are considered to be intact.

4.2 REGULATORY OVERVIEW FOR LEAD-CONTAINING MATERIALS

The US EPA, HUD and CDPH define lead-based paint (LBP) as paint containing greater than 0.5% lead by weight or 5,000 parts per million (ppm) of total lead by laboratory analysis, or a lead content of 1.0 milligram per square centimeter (mg/cm^2) by XRF measurement. Furthermore, the Los Angeles County Code of Ordinances Chapter 11.28 defines LBP as paint containing equal to or greater than 0.7 mg/cm^2 total lead by XRF measurement. Federal OSHA and Cal/OSHA regulations (Lead Construction Standard) do not provide a definition for “lead-based paint” but refer to the US EPA, HUD and CDPH criteria mentioned above. Cal/OSHA is primarily concerned with worker protection and regulates any amount of lead contained within painted building components.

Both Federal OSHA and Cal/OSHA provide an Action Level (AL) of 30 micrograms per cubic meter ($\mu g/m^3$) of airborne lead for an 8-hour, time-weighted average (TWA). Specific worker training and worker protection are to be provided by employers if workers are exposed to airborne

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lead at or above the AL. Additionally, both Federal OSHA and Cal/OSHA provide a Permissible Exposure Limit (PEL) for worker exposure to airborne lead particles of 50 µg/m^3 of air for an 8-hour, TWA.

According to Cal/OSHA (CCR Title 8, Section 1532.1), employers may assume that disturbance of coatings or materials shown to contain less than 0.06% lead by weight (equivalent to 600 ppm lead) will not result in exposures above the applicable AL as long as workers are not performing the Cal/OSHA designated “trigger tasks” (such as manual demolition, manual sanding or scraping, or abrasive blasting). However, renovation or demolition activities that include materials with lead in any concentration could, under certain circumstances, trigger Federal OSHA and Cal/OSHA regulations. The concentrations of airborne lead generated by disturbing paints at the Site would vary based upon several factors, including the type of activity (including "trigger tasks") and the severity of disturbance to the building materials. Measurement of airborne lead concentrations would require air monitoring during building material disturbance by a trained lead professional.

4.3 LEAD-CONTAINING MATERIALS SURVEY RESULTS

A summary of Kleinfelder’s XRF measurements of the various painted and coated/glazed building components is presented in Table 2. A copy of the XRF Measurement Record Log documenting XRF readings in the field is included in Appendix A. A copy of Mr. Stevenson’s current CDPH license is included in Appendix B. A copy of CDPH Form 8552 - Lead Hazard Evaluation Report, required for each lead inspection performed in public or residential buildings and submitted by Kleinfelder to CDPH, is included in Appendix C.

In accordance with CCR Title 8 Section 1532.1, CCR Title 17 Section 35001 et. seq., and Title 11 Chapter 28 of the Los Angeles County Code, XRF measurement results were interpreted as follows: a “Positive- LBP” result is indicated when the XRF measurement reading is 0.7 mg/cm^2 or greater; a Negative-Lead-Containing Paint (LCP) is indicated when the XRF measurement reading is greater than 0.10 mg/cm^2 but less than 0.7 mg/cm^2; and a “Negative” result is indicated when the XRF measurement reading is less than 0.10 mg/cm^2.

Based on Kleinfelder’s review of XRF readings taken at the Site, the following painted or coated surfaces had a recorded lead content equal to or greater than 0.7 mg/cm^2 using an XRF instrument and are classified as LBPs:

- Glaze applied to the white porcelain mop sink in the Janitor’s Closet on each floor of the Site.

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- White paint applied to metal columns in the Library on the 1st Floor.

Based on Kleinfelder's review of XRF readings, the following painted or coated surfaces had lead contents greater than 0.10 mg/cm^2 but less than 0.7 mg/cm^2 using an XRF instrument and, therefore, are classified as LCPs:

- White paint applied to the metal stair railing in Stairwell #2.

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5 OTHER HAZARDOUS BUILDING MATERIALS SURVEY

5.1 OTHER HAZARDOUS BUILDING MATERIALS SURVEY METHODS

Kleinfelder personnel visually inspected the Site for equipment that may contain PCBs, mercury or mercury vapor, CFC-containing refrigerants, and other potential hazardous materials. No samples of suspect hazardous materials were collected during this portion of the survey.

5.2 REGULATORY OVERVIEW FOR OTHER HAZARDOUS MATERIALS

Other suspect hazardous building materials documented at the Site included PCB-containing equipment, equipment containing HFCs, and Universal Wastes (e.g., fluorescent light tubes and batteries). Regulatory oversight for removal and disposal of these materials is provided by a variety of federal and state agencies.

5.2.1 PCBs

US EPA (40 CFR Part 761) requires that insulating oils containing PCBs at concentrations greater than 50 milligrams per liter be disposed of properly by a licensed hazardous waste hauler. Cal/OSHA provides a PEL for worker exposure to airborne PCBs of 0.05 milligram per cubic meter (mg/m^3) on an 8-hour TWA basis.

5.2.2 Universal Waste

California's Universal Waste Rule allows individuals and businesses to transport, handle, and recycle certain common hazardous wastes, termed Universal Wastes, in a manner that differs from the requirements of most hazardous wastes. The hazardous waste regulations found in CCR, Title 22, Division. 4.5, Chapter 11, Section 66261.9 list seven categories of hazardous wastes that can be managed as Universal Wastes. An unwanted item that falls within one of these waste streams may be handled, transported, and recycled following the simple requirements set forth in the Universal Waste Regulations (UWR) in CCR Title 22, Division 4.5, Chapter 23.

A small quantity generator of Universal Waste accumulates no more than 5,000 kilograms (kg) of waste and no more than 35 kg of mercury drained from gauges on a given site. A US EPA identification (ID)/Notification and Uniform Hazardous Waste Manifest is not required for the disposal of Universal Wastes. Universal Wastes should be placed in containers according to the "Universal Waste Container Requirements" in CCR Title 22, Section 66273.13. Universal Wastes, and containers and packages of Universal Waste, should be labeled or marked to identify their

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types. Universal Waste should be sent to a facility authorized to collect, recycle, or dispose of such wastes.

Pursuant to Cal/OSHA, the PEL for airborne mercury is 0.1 mg/m^3 and the PEL for acid (using the PEL for sulfuric acid) is 1.0 mg/m^3 of air for an 8-hour TWA basis.

Certain other regulations that may apply include the following (although this is not a complete list):

- 29 CFR 1910.1000 - Air Contaminants.
- 40 CFR, Part 82 - Protection of Stratospheric Ozone; Refrigerant Recycling.
- 40 CFR, Part 761 - PCB Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions.
- 40 CFR, Parts 260 through 270 - Federal Regulations for Identification, Transportation, and Disposal of Hazardous Wastes.
- 22 CCR, Division 4.5 - California Regulations for Identification, Transportation, and Disposal of Hazardous Wastes.
- 49 CFR, Parts 171 through 180 - United States Department of Transportation (DOT) regulations.

5.3 OTHER HAZARDOUS BUILDING MATERIALS SURVEY RESULTS

A summary of equipment observed at the Site that may contain other hazardous materials is presented in Table 3. Typical suspect hazardous building materials observed at the Site included, but are not limited to:

- Approximately 1,120 fluorescent light tubes that may contain mercury or mercury vapor.
- Approximately 436 fluorescent light fixture ballasts that may contain PCBs.
- Batteries in approximately 14 exit signs and emergency light fixtures that may contain battery acid and/or heavy metals.
- Six drinking fountains, each labeled as containing approximately four ounces of R-410A refrigerant, an HFC-containing refrigerant.

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6 CONCLUSIONS AND RECOMMENDATIONS

6.1 CONCLUSIONS

The following ACMs, LCMs, and other hazardous building materials were identified at the Site.

Asbestos-Containing Materials

- Dark tan 12-inch vinyl floor tile and associated black mastic located in the on the 3rd floor of the Site.
- Brown mastic associated with 4-inch brown rubber base cove. This material is located in the MCR on the 3rd floor and the Staff Lounge on the 1st floor.

Lead-Containing Materials

- Glaze applied to the white porcelain mop sink in the Janitor's Closet on each floor of the Site.
- White paint applied to metal columns in the Library on the 1st Floor.
- White paint applied to the metal stair railing in Stairwell #2.

Other Hazardous Building Materials

- Fluorescent light tubes that may contain mercury or mercury vapor.
- Fluorescent light fixture ballasts that may contain PCBs.
- Batteries in exit signs and emergency light fixtures that may contain battery acid and/or heavy metals.
- Drinking fountain that contains HFC-containing refrigerant.

6.2 RECOMMENDATIONS

Planned renovation or general work activities, which may disturb ACM, LCM, or other hazardous building materials, should be performed by properly trained and qualified personnel in accordance with all federal, state, and local regulations, as implemented by Cal/OSHA, Federal OSHA, US EPA, DTSC, and SCAQMD. Prior to future renovation or demolition work, Kleinfelder recommends that the following actions be taken:

- Prior to building renovation, the Site owner should retain a State of California-licensed asbestos/lead abatement contractor to perform abatement of ACM and LCM that could

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potentially be disturbed. The general contractor for the renovation project may be a source of information concerning locally licensed abatement contractors. Kleinfelder can also provide names of licensed and qualified abatement contractors in the area, upon request.

- Submittal of an SCAQMD *Notification of Demolition or Asbestos Removal* is required for every demolition in SCAQMD jurisdiction, even when no ACMs are present, and for each asbestos removal project where the amount of ACM to be removed is equal to, or greater than, 100 square feet. Prior to the initiation of abatement or demolition work, the abatement or demolition contractor must complete the *Notification of Demolition or Asbestos Removal* form and submit it to SCAQMD at least 10 business days before the start of abatement or demolition. SCAQMD will return the form, with a "notification number" added, to the abatement or demolition contractor, depending on who submitted the form.
- Written notification to the local Cal/OSHA district office will be required from the selected asbestos/lead abatement contractor regarding its "Intent to Conduct Asbestos Related Work" and/or "Intent to Conduct Lead-Related Work." These notifications should be submitted at least 24 hours in advance of performing the respective asbestos-related or lead-related work.
- The Site may have a waste management program designed to manage and reduce waste. Kleinfelder recommends PW research Site records regarding its waste management program to evaluate whether the other potentially hazardous building materials can be managed under the Universal Waste Rules. These items will require segregation and may require further testing and analysis to determine whether they meet the definition of a hazardous waste in California. Hazardous wastes should only be handled by properly trained workers.
- Notification should be provided to contractor and subcontractor personnel as to the presence of ACM, LCM, and other hazardous building materials at the Site.

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7 LIMITATIONS

Kleinfelder's work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions, and at the date the services were provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

This report may be used only by PW (Client), the Project Manager, and the registered design professional in responsible charge and only for the purposes stated for this specific engagement within a reasonable time from its issuance, but in no event later than two (2) years from the date of the report.

The work performed was based on project information provided by the Client. If Client does not retain Kleinfelder to review any revisions or modifications to the plans and specifications, Kleinfelder assumes no responsibility for the suitability of our estimate. In addition, if there are any changes in the field to the plans and specifications, Client must obtain written approval from Kleinfelder's engineer that such changes do not affect our recommendations. Failure to do so will vitiate Kleinfelder's recommendations.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of site conditions present due to the limitations of data from field studies. Although risk can never be eliminated, more-detailed and extensive studies yield more information, which may help understand and manage the level of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service that provide adequate information for their purposes at acceptable levels of risk. Acceptance of this report will indicate that the Client has reviewed the document and determined that it does not need or want a greater level of service than provided.

During the course of the performance of Kleinfelder's services, hazardous materials may have been discovered. Kleinfelder assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury that results from pre-existing hazardous materials being encountered or present on the Site, or from the discovery of such hazardous materials. Nothing

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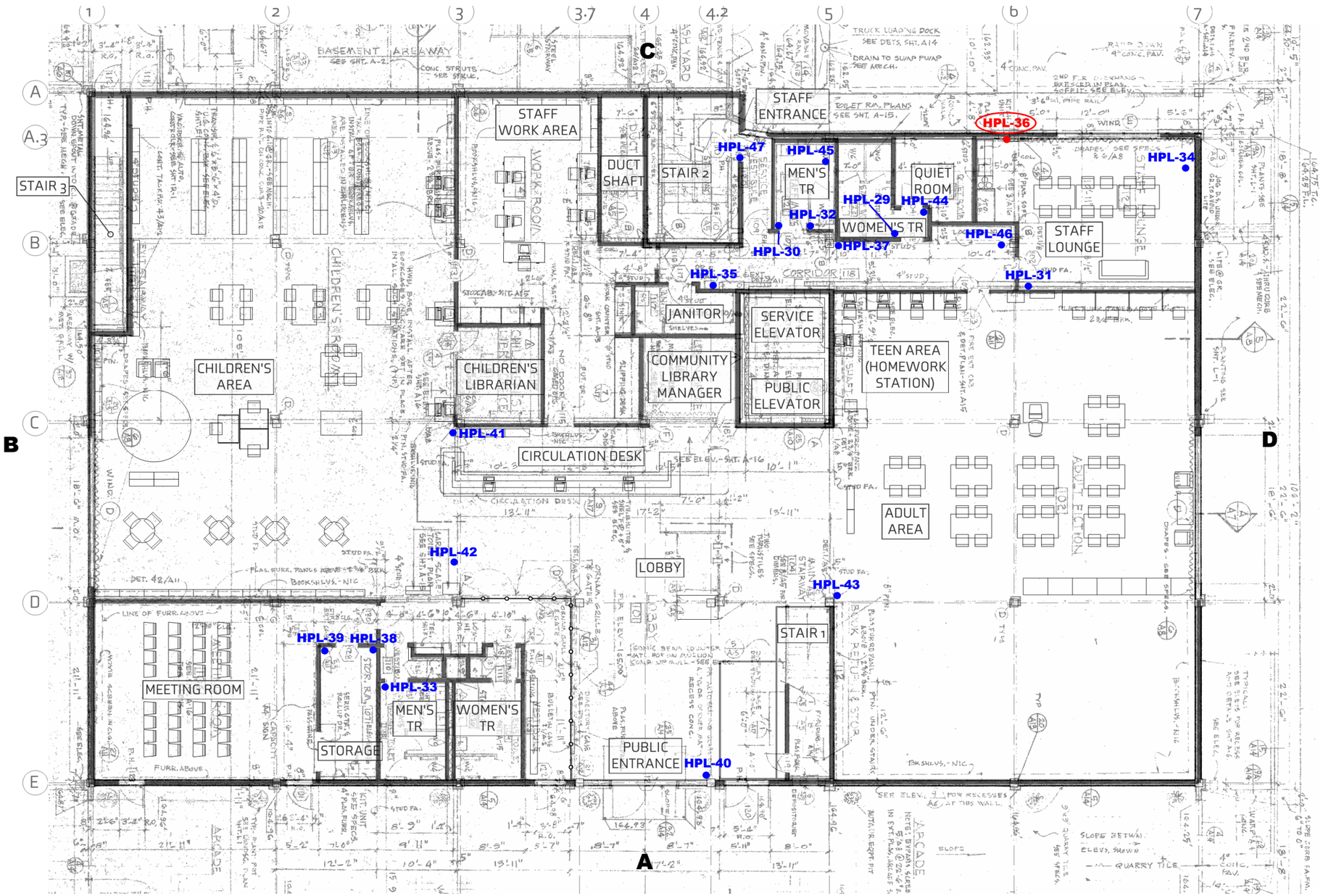
contained in this letter should be construed or interpreted as requiring Kleinfelder to assume the status of an owner, operator, or generator, or person who arranges for disposal, transport, storage, or treatment of hazardous materials within the meaning of any governmental statute, regulation, or order. Client is solely responsible for directing notification of all governmental agencies, and the public at large, of the existence, release, treatment or disposal of any hazardous materials observed at the Site, either before or during performance of Kleinfelder's services. Client is responsible for directing all arrangements to lawfully store, treat, recycle, dispose, or otherwise handle hazardous materials, including cuttings and samples resulting from Kleinfelder's services.

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FIGURES

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EXPLANATION

HPL-47 ● SAMPLE IDENTIFICATION AND APPROXIMATE LOCATION OF SUSPECT ACM BULK SAMPLE

HPL-36 ● SAMPLE IDENTIFICATION AND APPROXIMATE LOCATION OF BULK SAMPLE CONTAINING GREATER THAN 0.1% ASBESTOS

A, B, C, D ORIENTATION OF LEAD PAINT XRF SURVEY

N
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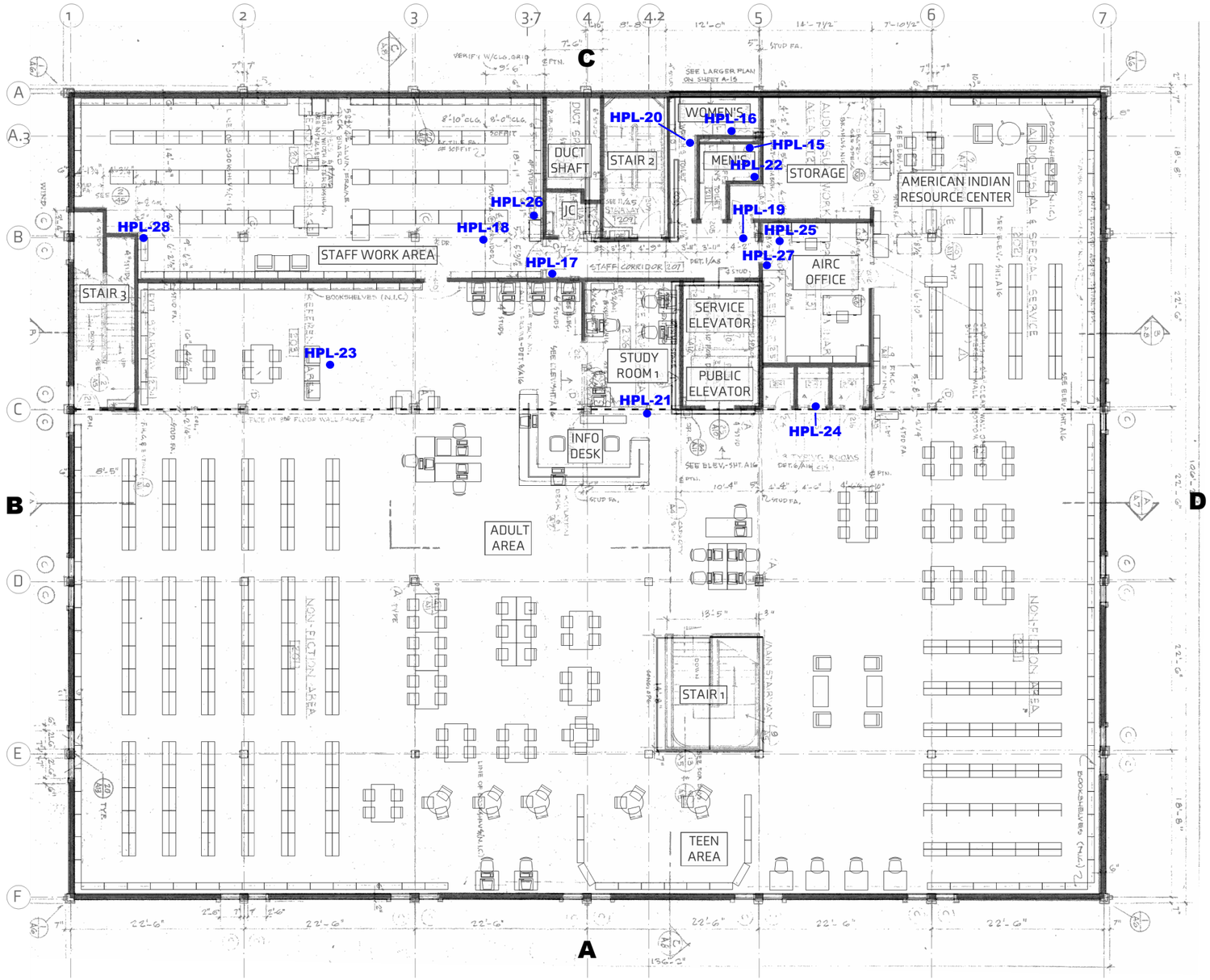
PROJECT NO.	20235545
DRAWN BY	RHS
CHECKED BY	GEJ
DATE:	04/2024
REVISED:	

SAMPLE LOCATION MAP 1ST FLOOR

HAZARDOUS BUILDING MATERIALS SURVEY
HUNTINGTON PARK LIBRARY
RENOVATION PROJECT
6518 MILES AVENUE
HUNTINGTON PARK, CALIFORNIA

FIGURE
1

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EXPLANATION

HPL-28 ● SAMPLE IDENTIFICATION AND APPROXIMATE LOCATION OF SUSPECT ACM BULK SAMPLE

A, B, C, D ORIENTATION OF LEAD PAINT XRF SURVEY

N

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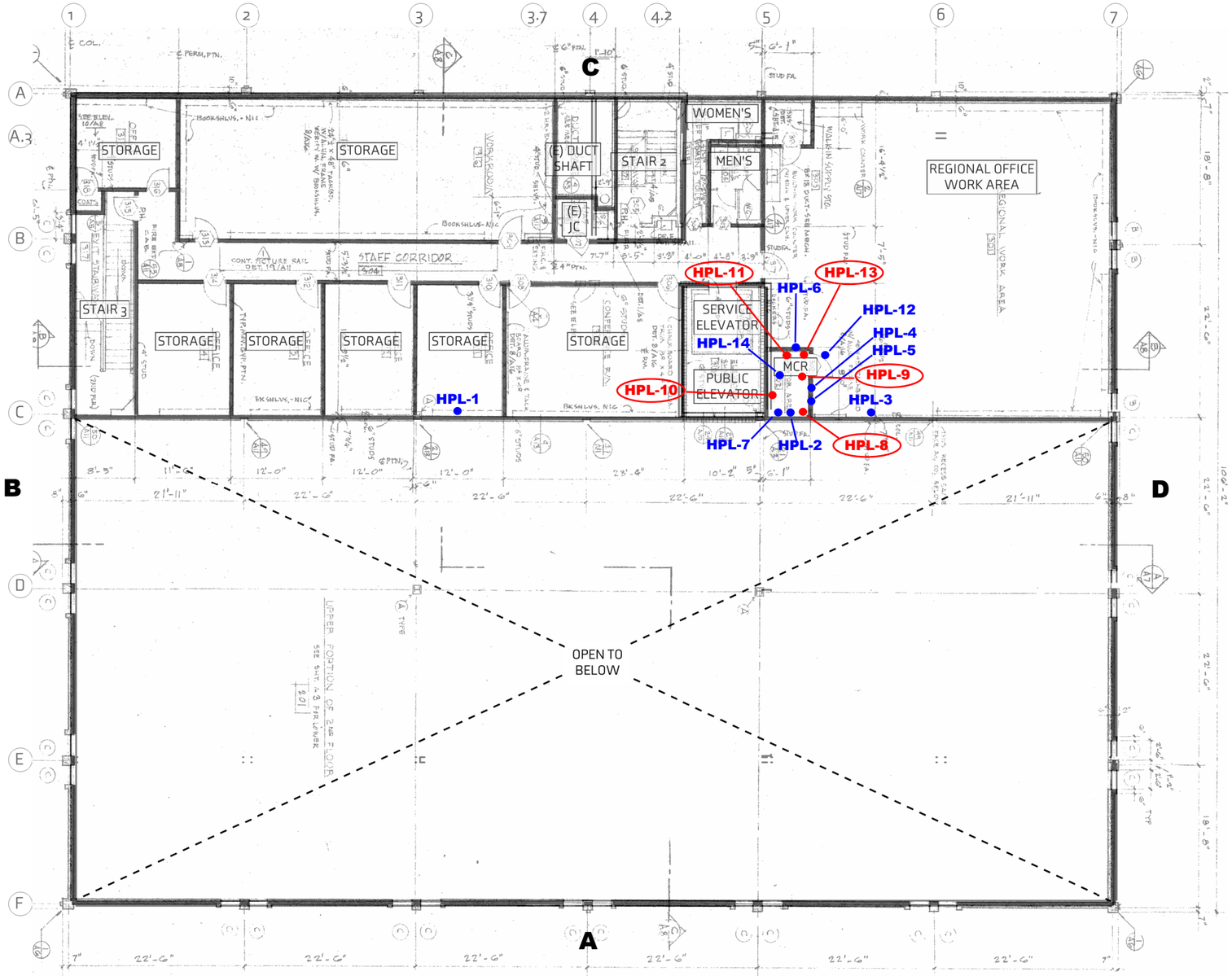
SAMPLE LOCATION MAP 2ND FLOOR

HAZARDOUS BUILDING MATERIALS SURVEY
HUNTINGTON PARK LIBRARY
RENOVATION PROJECT
6518 MILES AVENUE
HUNTINGTON PARK, CALIFORNIA

FIGURE 2

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EXPLANATION

HPL-14 ● SAMPLE IDENTIFICATION AND APPROXIMATE LOCATION OF SUSPECT ACM BULK SAMPLE

HPL-13 ● SAMPLE IDENTIFICATION AND APPROXIMATE LOCATION OF BULK SAMPLE CONTAINING GREATER THAN 0.1% ASBESTOS

A, B, C, D ORIENTATION OF LEAD PAINT XRF SURVEY

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SAMPLE LOCATION MAP 3RD FLOOR

HAZARDOUS BUILDING MATERIALS SURVEY
HUNTINGTON PARK LIBRARY
RENOVATION PROJECT
6518 MILES AVENUE
HUNTINGTON PARK, CALIFORNIA

FIGURE
3

TABLES

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TABLE 1
Summary of Asbestos Survey Results
Hungtington Park Library Renovation Project
6518 Miles Avenue
Huntington Park, California

Sample Number	Sample Description	Sample Location	Sample Layer Description	Asbestos Content	Condition / Friability	Estimated Quantity
3rd Floor						
HPL-1	White spray-applied fireproofing	Storage Room 4, south wall, above ceiling	Beige non-fibrous material / Paint	ND / ND	NA	NA
HPL-2	White spray-applied fireproofing	MCR, south wall, above ceiling	Beige plaster / Beige non-fibrous material / Paint	ND / ND / ND	NA	NA
HPL-3	White spray-applied fireproofing	Regional Office Work Area, south wall, above ceiling	Beige plaster / Beige non-fibrous material / Paint	ND / ND / ND	NA	NA
HPL-4	Gypsum board partition wall	MCR, east wall	White drywall / Paint	ND / ND	NA	NA
HPL-5	Gypsum board partition wall	MCR, east wall	White drywall / Paint	ND / ND	NA	NA
HPL-6	Gypsum board partition wall	MCR, north wall	White drywall / Paint	ND / ND	NA	NA
HPL-7	Wall plaster	MCR, south wall	Beige plaster / White plaster / Paint	ND / ND / ND	NA	NA
HPL-8	**12-inch dark tan VFT / Black mastic**	**MCR, floor**	**Tan tile / Black mastic**	**Trace CH / 2% CH**	**Good / NF**	**50 SF**
HPL-9	**12-inch dark tan VFT / Black mastic**	**MCR, floor**	**Tan tile / Black mastic**	**Trace CH / 2% CH**	**Good / NF**	**See Sample HPL-8**
HPL-10	**12-inch dark tan VFT / Black mastic**	**MCR, floor**	**Tan tile / Black mastic**	**Trace CH / 2% CH**	**Good / NF**	**See Sample HPL-8**
HPL-11	**12-inch mottled tan VFT (floor patch)**	**MCR, floor**	Beige tile / **Black mastic** / Tan mastic	ND / **2% CH** / ND	**Good / NF**	**See Sample HPL-8**
HPL-12	12-inch tan with blue fleck VFT	Regional Office Work Area, outside MCR	Beige tile / Beige mastic	ND / ND	NA	NA
HPL-13	**Dark brown mastic associated with 4-inch brown base cove**	**MCR, north wall**	**Brown mastic** / Tan fibrous material	**Trace AN** / ND	**Good / NF**	**10 SF**
HPL-14	2-foot by 4-foot lay-in ceiling tile (pinhole and fissure pattern)	MCR, ceiling	Beige fibrous material / Paint	ND / ND	NA	NA
2nd Floor						
HPL-15	Wall plaster	Men's Restroom, north wall	Beige plaster / White plaster / Paint / Off-white non-fibrous material / Paint	ND / ND / ND ND / ND	NA	NA
HPL-16	Wall plaster	Women's Restroom, south wall	Beige plaster / White plaster / Paint / Beige non-fibrous material / Paint	ND / ND / ND ND / ND	NA	NA
HPL-17	Wall plaster	Corridor between Staff Area and AIRC Office	Beige plaster / White plaster / Paint	ND / ND / ND	NA	NA
HPL-18	2-foot by 4-foot lay-in ceiling tile (pinhole and fissure pattern)	Staff Work Area, ceiling	Beige fibrous material / Paint	ND / ND	NA	NA
HPL-19	2-foot by 4-foot lay-in ceiling tile (pinhole and fissure pattern)	Corridor, east end, ceiling	Beige fibrous material / Paint	ND / ND	NA	NA
HPL-20	2-foot by 2-foot gypsum board ceiling tile	Women's Restroom, ceiling	White drywall / Paint	ND / ND	NA	NA
HPL-21	Brown grout associated with 12-inch off-white ceramic floor tile	Outside of Computer Room	Brown grout / Off-white mortar	ND / ND	NA	NA
HPL-22	2-inch tan ceramic floor tile / Grey grout	Men's Restroom	Tan ceramic tile / Brown grout / Grey mortar	ND / ND / ND	NA	NA
HPL-23	Blue-green carpet with grey adhesive pad	Library, northwest portion	Blue-green carpet with pad / Clear mastic	ND / ND	NA	NA
HPL-24	Blue-green carpet with grey adhesive pad	Study Room B	Blue-green carpet with pad / Clear mastic	ND / ND	NA	NA
HPL-25	12-inch tan with blue fleck VFT / Yellow mastic	AIRC Office, floor	Beige tile / Tan mastic	ND / ND	NA	NA
HPL-26	12-inch tan with blue fleck VFT / Yellow mastic	Staff Work Area, floor	Beige tile / Tan mastic	ND / ND	NA	NA

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TABLE 1
Summary of Asbestos Survey Results
Hungtington Park Library Renovation Project
6518 Miles Avenue
Huntington Park, California

Sample Number	Sample Description	Sample Location	Sample Layer Description	Asbestos Content	Condition / Friability	Estimated Quantity
HPL-27	4-inch brown base cove / Cream mastic	AIRC Office, west wall	Brown non-fibrous material / Tan mastic / Paint	ND / ND / ND	NA	NA
HPL-28	4-inch brown base cove / Cream mastic	Staff Work Area, west wall	Brown non-fibrous material / Tan mastic / Paint	ND / ND / ND	NA	NA
1st Floor						
HPL-29	Wall plaster	Staff Women's Restroom, south wall	Beige plaster / White plaster / Paint	ND / ND / ND	NA	NA
HPL-30	Wall plaster	Staff Men's Restroom, south wall	Beige plaster / White plaster / Paint / Grey plaster / Off-white plaster / Paint	ND / ND / ND / ND / ND / ND	NA	NA
HPL-31	Wall plaster	Staff Lounge, west wall by door	Beige plaster / White plaster / Paint	ND / ND / ND	NA	NA
HPL-32	2-inch tan ceramic floor tile / Grey grout	Staff Men's Restroom	Tan ceramic tile / Tan mastic	ND / ND	NA	NA
HPL-33	2-inch tan ceramic floor tile / Grey grout	Public Men's Restroom	Tan ceramic tile / Brown grout / Grey grout	ND / ND / ND	NA	NA
HPL-34	12-inch tan with blue fleck VFT / Yellow-grey mastic	Staff Lounge	Beige tile / Tan mastic with debris	ND / ND	NA	NA
HPL-35	12-inch tan with blue fleck VFT / Yellow-grey mastic	Corridor, under drinking fountain	Beige tile / Tan mastic with debris	ND / ND	NA	NA
HPL-36	4-inch brown base cove / **Cream mastic**	**Staff Lounge, north wall**	Brown non-fibrous material / Tan mastic / Paint / **Brown mastic**	ND / ND / ND / **Trace AN**	**Good / NF**	**30 SF**
HPL-37	4-inch brown base cove / Cream mastic	Corridor, between Staff Restrooms, north wall	Brown non-fibrous material / Tan mastic	ND / ND	NA	NA
HPL-38	12-inch mottled tan VFT	Meeting Room storage	Beige tile / Tan mastic	ND / ND	NA	NA
HPL-39	12-inch mottled tan VFT	Meeting Room storage	Beige tile / Tan mastic	ND / ND	NA	NA
HPL-40	Brown grout associated with 12-inch off-white ceramic floor tile	Main entrance	Brown grout with debris	ND	NA	NA
HPL-41	Brown grout associated with 12-inch off-white ceramic floor tile	Behind Circulation Desk	Brown grout with debris	ND	NA	NA
HPL-42	Blue-green carpet with grey adhesive pad	Library, west side	Blue-green carpet with pad / Clear mastic	ND / ND	NA	NA
HPL-43	Blue-green carpet with grey adhesive pad	Library, east side	Blue-green carpet with pad / Clear mastic	ND / ND	NA	NA
HPL-44	2-foot by 2-foot gypsum board ceiling tile	Staff Women's Restroom	White drywall / Paint	ND / ND	NA	NA
HPL-45	2-foot by 2-foot gypsum board ceiling tile	Staff Men's Restroom	White drywall / Paint	ND / ND	NA	NA
HPL-46	2-foot by 4-foot lay-in ceiling tile (pinhole and fissure pattern)	Corridor, east side	Beige fibrous material / Paint	ND / ND	NA	NA
HPL-47	2-foot by 4-foot lay-in ceiling tile (pinhole and fissure pattern)	Stair #2 vestibule	Beige fibrous material / Paint	ND / ND	NA	NA

Notes:
Bold = Asbestos-containing material or asbestos-containing construction material with 0.1% asbestos content or greater.
Trace = Denotes presence of asbestos below laboratory limit of quantification of 1%. Point count analysis is necessary to confirm asbestos content of less than 1%.
ND = None detected
NA = Not applicable. Condition, friability, and area estimates are NA because laboratory results were reported as none detected for asbestos content.
CH = Chrysotile asbestos
AN = Anthophyllite asbestos
SF = Square feet
NF = Non-friable
F = Friable
MCR = Main Communications Room
AIRC = American Indian Resource Center
VFT = Vinyl floor tile
Material quantities are estimates only, and are not intended for bidding purposes. Contractors are responsible for verifying quantities prior to bid.

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TABLE 2
Summary of Lead-Containing Materials XRF Survey Results
Huntington Park Library Renovation Project
6518 Miles Avenue
Huntington Park, California

Reading Number	Component	Substrate	Side	Condition	Color	Location	Results	mg/cm^2
1	System Check						Pass	Pass
2	Calibration - 1.0 mg/cm^2 standard						Pass	1.08
3	Calibration - 1.0 mg/cm^2 standard (buried)						Pass	1.03
3rd Floor								
4	Wall	Plaster	A	Intact	White	Regional Office Work Area	Negative	0.06
5	Wall	Plaster	B	Intact	White	Regional Office Work Area	Negative	0.03
6	Wall	Concrete	C	Intact	White	Regional Office Work Area	Negative	< 0.01
7	Wall	Plaster	D	Intact	White	Regional Office Work Area	Negative	< 0.01
8	Door Frame	Metal	B	Intact	Brown	Regional Office Work Area	Negative	< 0.01
9	Door Frame	Metal	C	Intact	White	Regional Office Work Area	Negative	< 0.01
10	Wall	Plaster	A	Intact	Beige	Main Communications Room (MCR)	Negative	0.05
11	Wall	Drywall	C	Intact	Beige	MCR	Negative	< 0.01
12	Wall	Drywall	D	Intact	Beige	MCR	Negative	< 0.01
13	Wall	Plaster	A	Intact	White	Men's Restroom	Negative	< 0.01
14	Wall	Plaster	B	Intact	White	Men's Restroom	Negative	< 0.01
15	Wall	Concrete	C	Intact	White	Men's Restroom	Negative	< 0.01
16	Wall	Plaster	D	Intact	White	Men's Restroom	Negative	< 0.01
17	Toilet	Porcelain	A	Intact	White	Men's Restroom	Negative	< 0.01
18	Sink	Porcelain	C	Intact	White	Men's Restroom	Negative	< 0.01
19	Urinal	Porcelain	C	Intact	White	Men's Restroom	Negative	< 0.01
20	Door Frame	Metal	A	Intact	Brown	Men's Restroom	Negative	< 0.01
21	Baseboard	Ceramic Tile	B	Intact	Tan	Men's Restroom	Negative	< 0.01
22	Wall	Plaster	A	Intact	White	Women's Restroom	Negative	< 0.01
23	Wall	Plaster	B	Intact	White	Women's Restroom	Negative	< 0.01
24	Wall	Concrete	C	Intact	White	Women's Restroom	Negative	< 0.01
25	Wall	Plaster	D	Intact	White	Women's Restroom	Negative	< 0.01
26	Sink	Porcelain	A	Intact	White	Women's Restroom	Negative	< 0.01
27	Toilet	Porcelain	A	Intact	White	Women's Restroom	Negative	< 0.01
28	Door Frame	Metal	B	Intact	Brown	Women's Restroom	Negative	< 0.01
29	Baseboard	Ceramic Tile	A	Intact	Tan	Women's Restroom	Negative	< 0.01
30	Wall	Plaster	A	Intact	White	Corridor	Negative	< 0.01
31	Wall	Plaster	C	Intact	White	Corridor	Negative	< 0.01
32	Door Frame	Metal	A	Intact	Brown	Corridor	Negative	< 0.01
33	Door Frame	Metal	C	Intact	Brown	Corridor	Negative	< 0.01
34	Wall	Plaster	A	Intact	White	Janitor's Closet	Negative	< 0.01
35	Wall	Plaster	B	Intact	White	Janitor's Closet	Negative	< 0.01
36	Wall	Plaster	C	Intact	White	Janitor's Closet	Negative	< 0.01
37	Wall	Plaster	D	Intact	White	Janitor's Closet	Negative	< 0.01
38	**Mop Sink**	**Porcelain**	**D**	**Intact**	**White**	**Janitor's Closet**	**Positive - LBP**	**8.63**
39	Door Frame	Metal	A	Intact	Brown	Janitor's Closet	Negative	< 0.01
40	Wall	Plaster	B	Intact	White	Stairwell	Negative	< 0.01
41	Wall	Plaster	D	Intact	White	Stairwell	Negative	< 0.01
42	*Railing*	*Metal*	*D*	*Intact*	*White*	*Stairwell*	*Negative - LCP*	*0.16*
43	Wall	Plaster	A	Intact	White	Storage 9-10	Negative	< 0.01
44	Wall	Plaster	B	Intact	White	Storage 9-10	Negative	< 0.01
45	Wall	Plaster	C	Intact	White	Storage 9-10	Negative	< 0.01
46	Wall	Plaster	D	Intact	White	Storage 9-10	Negative	< 0.01
47	Door Frame	Metal	A	Intact	Brown	Storage 9-10	Negative	< 0.01
48	Wall	Plaster	A	Intact	White	Storage 4	Negative	< 0.01
49	Wall	Plaster	B	Intact	White	Storage 4	Negative	< 0.01
50	Wall	Plaster	C	Intact	White	Storage 4	Negative	< 0.01
51	Wall	Plaster	D	Intact	White	Storage 4	Negative	< 0.01
52	Door Frame	Metal	C	Intact	Brown	Storage 4	Negative	< 0.01

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TABLE 2
Summary of Lead-Containing Materials XRF Survey Results
Huntington Park Library Renovation Project
6518 Miles Avenue
Huntington Park, California

Reading Number	Component	Substrate	Side	Condition	Color	Location	Results	mg/cm^2
2nd Floor								
53	Wall	Plaster	A	Intact	White	Staff Work Area	Negative	0.03
54	Wall	Plaster	B	Intact	White	Staff Work Area	Negative	< 0.01
55	Wall	Concrete	C	Intact	White	Staff Work Area	Negative	0.08
56	Wall	Plaster	D	Intact	White	Staff Work Area	Negative	< 0.01
57	Door Frame	Metal	A	Intact	Brown	Staff Work Area	Negative	< 0.01
58	Door Frame	Metal	D	Intact	Brown	Staff Work Area	Negative	< 0.01
59	Column	Metal	A	Intact	White	Staff Work Area	Negative	< 0.01
60	Wall	Plaster	A	Intact	White	Men's Restroom	Negative	< 0.01
61	Wall	Plaster	B	Intact	White	Men's Restroom	Negative	< 0.01
62	Wall	Plaster	C	Intact	White	Men's Restroom	Negative	< 0.01
63	Wall	Plaster	D	Intact	White	Men's Restroom	Negative	< 0.01
64	Sink	Porcelain	C	Intact	White	Men's Restroom	Negative	< 0.01
65	Toilet	Porcelain	C	Intact	White	Men's Restroom	Negative	< 0.01
66	Door Frame	Metal	A	Intact	Brown	Men's Restroom	Negative	< 0.01
67	Baseboard	Ceramic Tile	B	Intact	Tan	Men's Restroom	Negative	< 0.01
68	Wall	Plaster	A	Intact	White	Women's Restroom	Negative	< 0.01
69	Wall	Plaster	B	Intact	White	Women's Restroom	Negative	< 0.01
70	Wall	Concrete	C	Intact	White	Women's Restroom	Negative	< 0.01
71	Wall	Plaster	D	Intact	White	Women's Restroom	Negative	< 0.01
72	Sink	Porcelain	A	Intact	White	Women's Restroom	Negative	< 0.01
73	Toilet	Porcelain	A	Intact	White	Women's Restroom	Negative	< 0.01
74	Door Frame	Metal	A	Intact	Brown	Women's Restroom	Negative	< 0.01
75	Baseboard	Ceramic Tile	B	Intact	Tan	Women's Restroom	Negative	< 0.01
76	Wall	Plaster	A	Intact	White	Janitor's Closet	Negative	< 0.01
77	Wall	Plaster	B	Intact	White	Janitor's Closet	Negative	< 0.01
78	Wall	Plaster	C	Intact	White	Janitor's Closet	Negative	< 0.01
79	Wall	Plaster	D	Intact	White	Janitor's Closet	Negative	< 0.01
80	Door Frame	Metal	A	Intact	Brown	Janitor's Closet	Negative	< 0.01
81	**Mop Sink**	**Porcelain**	**D**	**Intact**	**White**	**Janitor's Closet**	**Positive - LBP**	**7.69**
82	Wall	Plaster	A	Intact	White	Storage	Negative	< 0.01
83	Wall	Plaster	B	Intact	White	Storage	Negative	< 0.01
84	Wall	Concrete	C	Intact	White	Storage	Negative	< 0.01
85	Wall	Plaster	D	Intact	White	Storage	Negative	< 0.01
86	Door Frame	Metal	A	Intact	Brown	Storage	Negative	< 0.01
87	Door Frame	Metal	D	Intact	Brown	Storage	Negative	< 0.01
88	Wall	Plaster	B	Intact	White	Stairwell	Negative	< 0.01
89	Wall	Plaster	D	Intact	White	Stairwell	Negative	< 0.01
90	*Railing*	*Metal*	*C*	*Intact*	*White*	*Stairwell*	*Negative - LCP*	*0.17*
91	Wall	Plaster	A	Intact	White	AIRC Office	Negative	< 0.01
92	Wall	Plaster	B	Intact	White	AIRC Office	Negative	< 0.01
93	Wall	Plaster	C	Intact	White	AIRC Office	Negative	< 0.01
94	Wall	Plaster	D	Intact	White	AIRC Office	Negative	< 0.01
95	Door Frame	Metal	B	Intact	Brown	AIRC Office	Negative	< 0.01
96	Door Frame	Metal	D	Intact	Brown	AIRC Office	Negative	< 0.01
97	Drain Pipe	Metal	D	Intact	White	AIRC Office	Negative	< 0.01
98	Wall	Plaster	A	Intact	White	AIRC	Negative	< 0.01
99	Wall	Plaster	B	Intact	White	AIRC	Negative	< 0.01
100	Wall	Concrete	C	Intact	Light Blue	AIRC	Negative	0.04
101	Wall	Concrete	D	Intact	Light Blue	AIRC	Negative	0.06
102	Door Frame	Metal	A	Intact	Brown	AIRC	Negative	< 0.01
103	Door Frame	Metal	B	Intact	Brown	AIRC	Negative	< 0.01
104	Window Frame	Metal	A	Intact	Brown	AIRC	Negative	< 0.01

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TABLE 2
Summary of Lead-Containing Materials XRF Survey Results
Huntington Park Library Renovation Project
6518 Miles Avenue
Huntington Park, California

Reading Number	Component	Substrate	Side	Condition	Color	Location	Results	mg/cm^2
105	Window Frame	Metal	B	Intact	Brown	AIRC	Negative	< 0.01
106	Wall	Plaster	A	Intact	White	Computer Room	Negative	< 0.01
107	Wall	Plaster	B	Intact	White	Computer Room	Negative	< 0.01
108	Wall	Plaster	C	Intact	White	Computer Room	Negative	< 0.01
109	Wall	Plaster	D	Intact	White	Computer Room	Negative	< 0.01
110	Door Frame	Metal	A	Intact	Brown	Computer Room	Negative	< 0.01
111	Door Frame	Metal	B	Intact	Brown	Computer Room	Negative	< 0.01
112	Wall	Concrete	A	Intact	White	Library	Negative	0.03
113	Wall	Concrete	B	Intact	White	Library	Negative	0.06
114	Wall	Plaster	C	Intact	White	Library	Negative	< 0.01
115	Wall	Concrete	D	Intact	White	Library	Negative	0.08
116	Column	Metal	B	Intact	Light Blue	Library	Negative	< 0.01
117	Column	Metal	D	Intact	Light Blue	Library	Negative	< 0.01
1st Floor								
118	Wall	Concrete	A	Intact	White	Meeting Room	Negative	< 0.01
119	Wall	Concrete	B	Intact	White	Meeting Room	Negative	< 0.01
120	Wall	Plaster	C	Intact	White	Meeting Room	Negative	< 0.01
121	Wall	Plaster	D	Intact	White	Meeting Room	Negative	< 0.01
122	Door	Metal	A	Intact	White	Meeting Room	Negative	< 0.01
123	Door Frame	Metal	A	Intact	White	Meeting Room	Negative	0.05
124	Door Frame	Metal	D	Intact	Brown	Meeting Room	Negative	< 0.01
125	Wall	Plaster	A	Intact	White	Meeting Room Storage	Negative	0.04
126	Wall	Plaster	B	Intact	White	Meeting Room Storage	Negative	0.05
127	Wall	Plaster	C	Intact	White	Meeting Room Storage	Negative	< 0.01
128	Wall	Plaster	D	Intact	White	Meeting Room Storage	Negative	< 0.01
129	Door Frame	Metal	C	Intact	Brown	Meeting Room Storage	Negative	< 0.01
130	Upper Wall	Concrete	A	Intact	White	Public Men's Restroom	Negative	< 0.01
131	Upper Wall	Plaster	B	Intact	White	Public Men's Restroom	Negative	< 0.01
132	Upper Wall	Plaster	C	Intact	White	Public Men's Restroom	Negative	< 0.01
133	Upper Wall	Plaster	D	Intact	White	Public Men's Restroom	Negative	< 0.01
134	Lower Wall	Ceramic Tile	B	Intact	Tan	Public Men's Restroom	Negative	< 0.01
135	Toilet	Porcelain	D	Intact	White	Public Men's Restroom	Negative	< 0.01
136	Urinal	Porcelain	D	Intact	White	Public Men's Restroom	Negative	< 0.01
137	Sink	Porcelain	D	Intact	White	Public Men's Restroom	Negative	< 0.01
138	Door Frame	Metal	C	Intact	Brown	Public Men's Restroom	Negative	< 0.01
139	Upper Wall	Concrete	A	Intact	White	Public Women's Restroom	Negative	< 0.01
140	Upper Wall	Plaster	B	Intact	White	Public Women's Restroom	Negative	< 0.01
141	Upper Wall	Plaster	C	Intact	White	Public Women's Restroom	Negative	< 0.01
142	Upper Wall	Plaster	D	Intact	White	Public Women's Restroom	Negative	< 0.01
143	Lower Wall	Ceramic Tile	B	Intact	Tan	Public Women's Restroom	Negative	< 0.01
144	Sink	Porcelain	B	Intact	White	Public Women's Restroom	Negative	< 0.01
145	Toilet	Porcelain	A	Intact	White	Public Women's Restroom	Negative	< 0.01
146	Door Frame	Metal	C	Intact	Brown	Public Women's Restroom	Negative	< 0.01
147	Wall	Plaster	A	Intact	White	Staff Lounge	Negative	< 0.01
148	Wall	Plaster	B	Intact	White	Staff Lounge	Negative	< 0.01
149	Wall	Concrete	C	Intact	White	Staff Lounge	Negative	< 0.01
150	Wall	Concrete	D	Intact	White	Staff Lounge	Negative	< 0.01
151	Window Frame	Metal	C	Intact	Brown	Staff Lounge	Negative	< 0.01
152	Door Frame	Metal	B	Intact	Brown	Staff Lounge	Negative	< 0.01
153	Wall	Plaster	A	Intact	White	Staff Women's Restroom	Negative	< 0.01
154	Wall	Plaster	B	Intact	White	Staff Women's Restroom	Negative	< 0.01
155	Wall	Concrete	C	Intact	White	Staff Women's Restroom	Negative	< 0.01
156	Wall	Plaster	D	Intact	White	Staff Women's Restroom	Negative	< 0.01

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TABLE 2
Summary of Lead-Containing Materials XRF Survey Results
Huntington Park Library Renovation Project
6518 Miles Avenue
Huntington Park, California

Reading Number	Component	Substrate	Side	Condition	Color	Location	Results	mg/cm^2
157	Baseboard	Ceramic Tile	A	Intact	Tan	Staff Women's Restroom	Negative	< 0.01
158	Sink	Porcelain	B	Intact	White	Staff Women's Restroom	Negative	< 0.01
159	Toilet	Porcelain	C	Intact	White	Staff Women's Restroom	Negative	< 0.01
160	Door Frame	Metal	A	Intact	Brown	Staff Women's Restroom	Negative	< 0.01
161	Wall	Plaster	A	Intact	White	Staff Men's Restroom	Negative	< 0.01
162	Wall	Plaster	B	Intact	White	Staff Men's Restroom	Negative	< 0.01
163	Wall	Plaster	C	Intact	White	Staff Men's Restroom	Negative	< 0.01
164	Wall	Plaster	D	Intact	White	Staff Men's Restroom	Negative	< 0.01
165	Baseboard	Ceramic Tile	B	Intact	Tan	Staff Men's Restroom	Negative	< 0.01
166	Sink	Porcelain	C	Intact	White	Staff Men's Restroom	Negative	< 0.01
167	Urinal	Porcelain	C	Intact	White	Staff Men's Restroom	Negative	< 0.01
168	Toilet	Porcelain	A	Intact	White	Staff Men's Restroom	Negative	< 0.01
169	Door Frame	Metal	A	Intact	Brown	Staff Men's Restroom	Negative	< 0.01
170	Wall	Plaster	B	Intact	White	Stairwell	Negative	< 0.01
171	Wall	Plaster	D	Intact	White	Stairwell	Negative	< 0.01
172	Door	Metal	A	Intact	Brown	Stairwell	Negative	< 0.01
173	Door Frame	Metal	A	Intact	Brown	Stairwell	Negative	0.04
174	Door	Metal	C	Intact	Brown	Stairwell	Negative	< 0.01
175	Door Frame	Metal	C	Intact	Brown	Stairwell	Negative	< 0.01
176	Wall	Plaster	A	Intact	White	Staff Work Area	Negative	< 0.01
177	Wall	Plaster	B	Intact	White	Staff Work Area	Negative	< 0.01
178	Wall	Concrete	C	Intact	White	Staff Work Area	Negative	0.05
179	Wall	Plaster	D	Intact	White	Staff Work Area	Negative	< 0.01
180	Drain Pipe	Metal	A	Intact	White	Staff Work Area	Negative	< 0.01
181	Door Frame	Metal	A	Intact	Brown	Staff Work Area	Negative	< 0.01
182	Door Frame	Metal	B	Intact	Brown	Staff Work Area	Negative	< 0.01
183	Door Frame	Metal	D	Intact	Brown	Staff Work Area	Negative	< 0.01
184	Wall	Plaster	A	Intact	White	Janitor's Closet	Negative	< 0.01
185	Wall	Plaster	B	Intact	White	Janitor's Closet	Negative	< 0.01
186	Wall	Plaster	C	Intact	White	Janitor's Closet	Negative	< 0.01
187	Wall	Plaster	D	Intact	White	Janitor's Closet	Negative	< 0.01
188	Door Frame	Metal	C	Intact	Brown	Janitor's Closet	Negative	< 0.01
189	**Mop Sink**	**Porcelain**	**B**	**Intact**	**White**	**Janitor's Closet**	**Positive - LBP**	**8.70**
190	Wall	Concrete	A	Intact	White	Library	Negative	< 0.01
191	Wall	Plaster	A	Intact	White	Library	Negative	< 0.01
192	Wall	Concrete	B	Intact	White	Library	Negative	< 0.01
193	Wall	Concrete	C	Intact	White	Library	Negative	< 0.01
194	Wall	Plaster	C	Intact	White	Library	Negative	< 0.01
195	Wall	Concrete	D	Intact	White	Library	Negative	< 0.01
196	Fencing	Metal	A	Intact	Brown	Library	Negative	< 0.01
197	**Column**	**Metal**	**B**	**Intact**	**White**	**Library**	**Positive - LBP**	**0.85**
198	**Column**	**Metal**	**D**	**Intact**	**White**	**Library**	**Positive - LBP**	**0.91**
199	Calibration - 1.0 mg/cm^2 standard						Pass	1.07
200	Calibration - 1.0 mg/cm^2 standard (buried)						Pass	1.09

Notes:
XRF = X-ray fluorescence
LBP = Lead-based paint
LCP = Lead-containing paint
mg/cm^2 = milligrams per square centimeter
Negative = Result indicates an XRF reading less than 0.10 mg/cm^2.
Positive-LBP = Result indicates LBP with an XRF reading greater than or equal to 0.7 mg/cm^2. Results are indicated in bold text.
Negative-LCP = Result indicates an XRF reading greater than or equal to 0.10 mg/cm^2, but less than 0.7 mg/cm^2. Results are indicated in italicized text.
AIRC = American Indian Resource Center

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TABLE 3
Summary of Other Hazardous Building Materials Survey Results
Huntington Park Library Renovation Project
6518 Miles Avenue
Huntington Park, California

Installed Equipment	Locations	Estimated Quantity	Potential Hazardous Material
Fluorescent light tubes	Throughout building	1st Floor: 420 2nd Floor: 402 3rd Floor: 298	Mercury; mercury vapor
Fluorescent light fixture ballasts	Throughout building	1st Floor: 188 2nd Floor: 144 3rd Floor: 104	PCBs
Batteries in exit signs or emergency lighting fixtures	At or near exits from Site building and stairwells	1st Floor: 6 2nd Floor: 5 3rd Floor: 3	Battery acid and/or heavy metals
Drinking fountains	1st Floor: Outside public restrooms, outside Janitor's Closet 2nd Floor: Adjacent to public elevator, outside Janitor's Closet 3rd Floor: Adjacent to Stairwell #2	Six units, each labeled as containing 4.8 ounces of R-410A refrigerant.	HFC-containing refrigerant

Notes:
PCBs = Polychlorinated Biphenyls
HFCs = Hydrofluorocarbons
R-410A = Mixture of difluoroethane and pentafluoroethane
Material quantities are estimates only and are not intended for bidding purposes. Contractors are responsible for verifying quantities prior to bid.

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APPENDIX A
Laboratory Analytical Report, Chain-of-Custody Documentation and XRF Field Data Sheets

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Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Kleinfelder Inc.
Rich Stevenson
24411 Ridge Route Drive
Suite 225
Laguna Hills, CA 92653

Client ID: 6640
Report Number: B358926
Date Received: 04/08/24
Date Analyzed: 04/11/24
Date Printed: 04/11/24
First Reported: 04/11/24

Job ID/Site: 20235545.009A; LADPW Huntington Park Library; 6518 Miles Avenue, Huntington Park, CA
Date(s) Collected: 04/08/2024

SGSFL Job ID: 6640-16
Total Samples Submitted: 47
Total Samples Analyzed: 47

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPL-1	51746801						
Layer: Beige Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-2	51746802						
Layer: Beige Plaster			**ND**				
Layer: Beige Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-3	51746803						
Layer: Beige Plaster			**ND**				
Layer: Beige Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-4	51746804						
Layer: White Drywall			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (Trace)		**Asbestos (ND)**					
HPL-5	51746805						
Layer: White Drywall			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (7 %) Fibrous Glass (Trace)		**Asbestos (ND)**					
HPL-6	51746806						
Layer: White Drywall			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (7 %) Fibrous Glass (Trace)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPL-7	51746807						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-8	51746808						
Layer: Tan Tile		Chrysotile	**Trace**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (Trace)**					
HPL-9	51746809						
Layer: Tan Tile		Chrysotile	**Trace**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (Trace)**					
HPL-10	51746810						
Layer: Tan Tile		Chrysotile	**Trace**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (Trace)**					
HPL-11	51746811						
Layer: Beige Tile			**ND**				
Layer: Black Mastic		Chrysotile	**2 %**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (Trace)**					
HPL-12	51746812						
Layer: Beige Tile			**ND**				
Layer: Beige Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-13	51746813						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %)		**Asbestos (Trace)**					
HPL-14	51746814						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %)		**Asbestos (ND)**					

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Report Number: B358926

Client Name: Kleinfelder Inc. **Date Printed:** 04/11/24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPL-15	51746815						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Layer: Off-White Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-16	51746816						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Layer: Beige Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-17	51746817						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-18	51746818						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %)		**Asbestos (ND)**					
HPL-19	51746819						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %)		**Asbestos (ND)**					
HPL-20	51746820						
Layer: White Drywall			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (Trace)		**Asbestos (ND)**					
HPL-21	51746821						
Layer: Brown Grout			**ND**				
Layer: Off-White Mortar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPL-22	51746822						
Layer: Tan Ceramic Tile			**ND**				
Layer: Brown Grout			**ND**				
Layer: Grey Mortar			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-23	51746823						
Layer: Blue Green Carpet with Pad			**ND**				
Layer: Clear Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (85 %)		**Asbestos (ND)**					
HPL-24	51746824						
Layer: Blue Green Carpet with Pad			**ND**				
Layer: Clear Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (85 %)		**Asbestos (ND)**					
HPL-25	51746825						
Layer: Beige Tile			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-26	51746826						
Layer: Beige Tile			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-27	51746827						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-28	51746828						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-29	51746829						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPL-30	51746830						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Layer: Grey Plaster			**ND**				
Layer: Off-White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
Comment: Bulk complex sample.							
HPL-31	51746831						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
HPL-32	51746832						
Layer: Tan Ceramic Tile			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
HPL-33	51746833						
Layer: Tan Ceramic Tile			**ND**				
Layer: Brown Grout			**ND**				
Layer: Grey Grout			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
HPL-34	51746834						
Layer: Beige Tile			**ND**				
Layer: Tan Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
HPL-35	51746835						
Layer: Beige Tile			**ND**				
Layer: Tan Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
HPL-36	51746836						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Layer: Paint			**ND**				
Layer: Brown Mastic		Anthophyllite	**Trace**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							
Comment: This comment applies to the Brown Mastic only: Insufficient material for additional analyses.							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPL-37	51746837						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-38	51746838						
Layer: Beige Tile			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-39	51746839						
Layer: Beige Tile			**ND**				
Layer: Tan Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-40	51746840						
Layer: Brown Grout with Debris			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-41	51746841						
Layer: Brown Grout with Debris			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
HPL-42	51746842						
Layer: Blue Green Carpet with Pad			**ND**				
Layer: Clear Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (85 %)		**Asbestos (ND)**					
HPL-43	51746843						
Layer: Blue Green Carpet with Pad			**ND**				
Layer: Clear Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (85 %)		**Asbestos (ND)**					
HPL-44	51746844						
Layer: White Drywall			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (10 %) Fibrous Glass (Trace)		**Asbestos (ND)**					
HPL-45	51746845						
Layer: White Drywall			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (10 %) Fibrous Glass (Trace)		**Asbestos (ND)**					

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Report Number: B358926

Client Name: Kleinfelder Inc. **Date Printed:** 04/11/24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HPL-46	51746846						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							
HPL-47	51746847						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (35 %) Fibrous Glass (45 %)							



Eric Cerecedo, Laboratory Supervisor, Carson Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Kleinfelder, 660 South Figueroa Street, Suite 1900, Los Angeles, CA 90017 — Client No.: 6640	PO / Job#: 20235545.009A — Date: 4/8/24
	Turn Around Time: Same Day / 1Day / 2Day / ~~3Day~~ / 4Day / 5Day
	☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B • ☐ Rotometer
	☒ PLM: ☒ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435
Contact: Rich Stevenson — Phone: -	☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
	☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield
E-mail: RHStevenson@kleinfelder.com	☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight %
	☐ TEM Microvac: ☐ Qual / ☐ D5755(str/area) / ☐ D5756(str/mass)
Site Name: LADPW Huntington Park Library	☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot
	☐ Particle Identification (TEM LAB) ☐ Special Project
Site Location: 6518 Miles Avenue, Huntington Park, CA	☐ Metals Analysis Matrix: Method: Analytes:
Comments: **Bill per Los Angeles Department of Public Works Contract PW15545**	☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

See Attached Sample Data Sheets (4)

Sampled By: R. Stevenson — Date/Time: 4/8/24 — Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Rich Stevenson		
Date / Time: 4/8/24 1600	Date / Time:	Date / Time:
Received By: Virginia Contreras	Received By:	Received By:
Date / Time: 4-9-24 3:00pm	Date / Time:	Date / Time:
Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

ASBESTOS BULK SAMPLE DATA SHEET

Kleinfelder, Inc. 24411 Ridge Route Drive, Suite 225 Laguna Hills, CA 92653 Tel: (949)727-4466 Fax: (949)727-9242	**Project Name : Huntington Park Library** Project No.: 20235545.009A Project Manager: George Johnson Site Address: 6518 Miles Avenue Huntington Park, CA	Sampled By: Rich Stevenson Sampled By: Sampled By: Date Sampled: 4/8/24	**Laboratory:** SGS Forensic Carson, CA

CHAIN OF CUSTODY INFORMATION:

Relinquished By: (sign/print)	Company	Date	Time(24 hr.)	Received By: (sign/print)	Laboratory
Rich Stevenson	Kleinfelder	4/8/24	1600	/	
/				/	

Sample ID	Building Number	Room Number	Sample Location	Sample Description	Quantity (SF/LF/E	Friable (Y/N)	Condition
HPL-1	3rd Floor		Storage 4, South Wall, Above Ceilg	White spray-applied fireproofing			
HPL-2	↓		MCR, South wall, Above ceilg	↓			
HPL-3			Reg. Office Work Area, South wall, Above ceilg				
HPL-4			MCR, east wall	G.S. Partition Wall			
HPL-5			↓	↓			
HPL-6			MCR, north wall				
HPL-7			MCR, south wall	Wall plaster			
HPL-8			MCR, Floor	12" Dark tan VFT / Black mastic			
HPL-9			↓	↓			
HPL-10							
HPL-11				12" Mottled tan VFT patch			
HPL-12			Reg. Office Work Area, outside MCR	12" Tan w/ Blue fleck VFT			
HPL-13			MCR, north wall	Dark brown mastic assoc. w/ 4" brown base cove			
HPL-14	↓		MCR, ceiling	2'x4' Lay-in ceiling tile, pin+fissure pattern			
HPL-15	2nd Floor		Men's Restroom, north wall	Wall plaster			

ASBESTOS BULK SAMPLE DATA SHEET

Kleinfelder, Inc. 24411 Ridge Route Dr., Ste. 225 Laguna Hills, CA 92653 Tel: (949)727-4466 Fax: (949)727-9242	**Project Name: Huntington Park Library** Project No.: 20235545.009A Project Manager: George Johnson Site Address: 6518 Miles Avenue Huntington Park, CA	Sampled By: Rich Stevenson Sampled By: Sampled By: Date Sampled: 4/8/24	**Laboratory:** SGS Forensic Carson, CA

CHAIN OF CUSTODY INFORMATION:

Relinquished By: (sign/print)	Company	Date	Time(24 hr.)	Received By: (sign/print)	Laboratory
Rich Stevenson	Kleinfelder	4/8/24	1600	/	
/				/	

Sample ID	Building Number	Room Number	Sample Location	Sample Description	Quantity SF/LF/EA	Friable (Y/N)	Condition
HPL-16	2nd	Floor	Women's Restroom, south wall	Wall Plaster			
HPL-17			Corridor between Staff Area and AIRC Office	↓			
HPL-18			Staff Work Area, ceiling	2'x4' ceiling tile, pin+fissure pattern			
HPL-19			Corridor, east end, ceiling	↓			
HPL-20			Women's Restroom, ceiling	2'x2' G.B. ceiling tile			
HPL-21			Outside Computer Room	Brown grout assoc. w/12" off-white CFT			
HPL-22			Men's Restroom	2" Tan CFT with grey grout			
HPL-23			Library, NW portion	Blue-green carpet with grey adhesive pad			
HPL-24			Study Room B	↓			
HPL-25			AIRC Office, floor	12" tan w/blue fleck VFT/Yellow mastic			
HPL-26			Staff Work Area, floor	↓			
HPL-27			AIRC Office, west wall	4" Brown base cove/Cream mastic			
HPL-28	↓		Staff Work Area, west wall	↓			
HPL-29	1st Floor		Staff Women's Restroom, south wall	Wall Plaster			
HPL-30	↓		Staff Men's Restroom, south wall	↓			

ASBESTOS BULK SAMPLE DATA SHEET

Kleinfelder, Inc. 24411 Ridge Route Drive, Suite 225 Laguna Hills, CA 92653 Tel: (949)727-4466 Fax: (949)727-9242	**Project Name : Huntington Park Library** Project No.: 20235545.009A Project Manager: George Johnson Site Address: 6518 Miles Avenue Huntington Park, CA	Sampled By: Rich Stevenson Sampled By: Sampled By: Date Sampled: 4/8/24	**Laboratory:** SGS Forensic Carson, CA

CHAIN OF CUSTODY INFORMATION:

Relinquished By: (sign/print)	Company	Date	Time(24 hr.)	Received By: (sign/print)	Laboratory
RStevenson / Rich Stevenson	Kleinfelder	4/8/24	1600	/	
/				/	

Sample ID	Building Number	Room Number	Sample Location	Sample Description	Quantity (SF/LF/E	Friable (Y/N)	Condition
HPL-31	1st Floor		Staff Lang, west wall by door	Wall Plaster			
HPL-32	↓		Staff Mens Restroom	2" Tan CPT w/ grey grout			
HPL-33			Public Mens Restroom	↓			
HPL-34			Staff Lange	12" Tan with blue fleck VFT/ Yellow-grey mastic			
HPL-35			Corridor, under drinking fountain	↓			
HPL-36			Staff Lounge, north wall	4" brown base cove / Cream mastic			
HPL-37			Corridor, north wall between Staff Restrooms	↓			
HPL-38			Meeting Room Storage	12" Mottled tan VFT			
HPL-39			↓	↓			
HPL-40			Main entrance	Brown grout assoc. w/ 12" O. white CFT			
HPL-41			Behind circulation desk	↓			
HPL-42			Library, west side	Blue-green carpet w/ grey adhesive and			
HPL-43			↓, east side	↓			
HPL-44			Staff Women's Restroom	2'x2' G.B. Ceiling Tile			
HPL-45	↓		Staff Men's Restroom	↓			

ASBESTOS BULK SAMPLE DATA SHEET

Kleinfelder, Inc. 24411 Ridge Route Drive, Suite 225 Laguna Hills, CA 92653 Tel: (949)727-4466 Fax: (949)727-9242	**Project Name : Huntington Park Library** Project No.: 20235545.009A Project Manager: George Johnson Site Address: 6518 Miles Avenue Huntington Park, CA	Sampled By: Rich Stevenson Sampled By: Sampled By: Date Sampled: 4/8/24	**Laboratory:** SGS Forensic Carson, CA

CHAIN OF CUSTODY INFORMATION:

Relinquished By: (sign/print)	Company	Date	Time(24 hr.)	Received By: (sign/print)	Laboratory
Rich Stevenson	Kleinfelder	4/8/24	1000	/	
/				/	

Sample ID	Building Number	Room Number	Sample Location	Sample Description	Quantity (SF/LF/E	Friable (Y/N)	Condition
HPL-46			Corridor, East side	2'x4 Lay-in ceiling tile			
HPL-47			Stair 2 Vestibule	↓			

RS 4/8/24

XRF: Niton XL5
S/N: X502725

XRF MEASUREMENT RECORD LOG

H.P. Library - 6518 Miles Avenue

Inspector: R. Stevenson
Date: 4/15/24

Reading #	Component	Substrate	Side	Cond.	Color	Location	Reading (mg/cm²)
1			System Check				
2			Calibration - 1.0 mg/cm²				1.08
3			Calibration 1.0 mg/cm² (buried)				1.03
4 (3rd Floor)	Wall	Plaster	A	I	White	Regional Office Work Area	0.06
5	↓		B	↓	↓	↓	0.03
6		Concrete	C				<0.01
7	↓	Plaster	D	↓	↓		<0.01
8	Door F	Metal	B		Brown		<0.01
9	Door F	↓	C	↓	White	↓	<0.01
10	Wall	Plaster	A	I	Beige	MCR	0.05
11	Wall	Dry	C	↓	↓	↓	<0.01
12	Wall	↓	D	↓	↓	↓	<0.01
13	Wall	Plast	A	I	White	Mens Restroom	<0.01
14	↓	↓	B	↓	↓	↓	↓
15		Concrete	C				
16	↓	Plaster	D				↓
17	Toilet	Porc.	A				<0.01
18	Sink	↓	C				<0.01
19	Urinal	↓	C		↓		<0.01
20	Door F	Metal	A		Brown		<0.01
21	Baseboard	C.T.	B	↓	Tan	↓	<0.01
22	Wall	Plast	A	I	White	Womens Restroom	<0.01
23	↓	↓	B	↓	↓	↓	↓
24		Concrete	C				
25	↓	Plaster	D				↓
26	Sink	Porc.	A				<0.01
27	Toilet	↓	A		↓		<0.01
28	Door Frame	Metal	A		Brown		<0.01
29	Baseboard	C.T.	B	↓	Tan	↓	<0.01
30	Wall	Plaster	A	I	White	Corridor	<0.01

Reading #	Component	Substrate	Side	Cond.	Color	Location	Reading (mg/cm²)
31	Wall	Plaster	C	I	White	Corridor	<0.01
32	Door F	Metal	A		Brown		<0.01
33	Door F	↓	C	↓	↓	↓	<0.01
34	Wall	Plaster	A	I	White	Janitors Closet	<0.01
35	↓	↓	B	↓	↓	↓	↓
36	↓	↓	C	↓	↓	↓	↓
37	↓	↓	D	↓	↓	↓	↓
38	Mop Sink	Por.	D	↓	↓	↓	8.63
39	Door Frame	Meta	A	↓	Brown	↓	<0.01
40	Wall	Plaster	B	I	White	Stairwell	<0.01
41	↓	↓	D	↓	↓	↓	<0.01
42	Railing	Metal	~~B~~ D	↓	↓	↓	0.16
43	Wall	Plaster	A	I	White	Storage 9-10	<0.01
44	↓	↓	B	↓	↓	↓	↓
45	↓	↓	C	↓	↓	↓	↓
46	↓	↓	D	↓	↓	↓	↓
47	Door F	Metal	A	↓	Brown	↓	<0.01
48	Wall	Plaster	A	I	White	Storage 4	<0.01
49	↓	↓	B	↓	↓	↓	↓
50	↓	↓	C	↓	↓	↓	↓
51	↓	↓	D	↓	↓	↓	↓
52	Door F	Metal	C	↓	Brown	↓	<0.01
2nd Floor 53	Wall	Plaster	A	I	White	Staff Work Area	0.03
54	↓	↓	B	↓	↓	↓	<0.01
55	↓	Concrete	C	↓	↓	↓	0.08
56	↓	~~Plaster~~	D	↓	↓	↓	<0.01
57	Door F	Metal	A	↓	Brown	↓	<0.01
58	Door F	↓	D	↓	↓	↓	<0.01
59	Column	↓	A	↓	White	↓	<0.01

XRF MEASUREMENT RECORD LOG

Reading #	Component	Substrate	Side	Cond.	Color	Location	Reading (mg/cm^2)
60	Wall	Plaster	A	I	White	Mens Restroom	<0.01
61	↓	↓	B	↓	↓	↓	↓
62	↓	↓	C	↓	↓	↓	↓
63	↓	↓	D	↓	↓	↓	↓
64	Sink	Porc.	C	↓	↓	↓	<0.01
65	Toilet	↓	C	↓	↓	↓	<0.01
66	Door F	Metal	A	↓	Brown	↓	<0.01
67	Baseboard	C.T.	B	↓	Tan	↓	<0.01
68	Wall	Plaster	A	I	White	Womens Restroom	<0.01
69	↓	↓	B	↓	↓	↓	↓
70	↓	Concrete	C	↓	↓	↓	↓
71	↓	Plaster	D	↓	↓	↓	↓
72	Sink	Porc.	A	↓	↓	↓	<0.01
73	Toilet	↓	A	↓	↓	↓	<0.01
74	Door F	Metal	A	↓	Brown	↓	<0.01
75	Baseboard	C.T	B	↓	Tan	↓	<0.01
76	Wall	Plaster	A	I	White	Janitor's Closet	<0.01
77	↓	↓	B	↓	↓	↓	↓
78	↓	↓	C	↓	↓	↓	↓
79	↓	↓	D	↓	↓	↓	↓
80	Door F	Metal	A	↓	Brown	↓	<0.01
81	Mop Sink	Porc.	D	↓	White	↓	7.69
82	Wall	Plaster	A	I	White	Storage	<0.01
83	↓	↓	B	↓	↓	↓	↓
84	↓	Concrete	C	↓	↓	↓	↓
85	↓	Plaster	D	↓	↓	↓	↓
86	Door F	Metal	A	↓	Brown	↓	<0.01
87	Door F	↓	D	↓	↓	↓	<0.01
88	Wall	Plaster	B	I	White	Stairwell	<0.01

XRF MEASUREMENT RECORD LOG

Reading #	Component	Substrate	Side	Cond.	Color	Location	Reading (mg/cm^2)
89	Wall	Plaster	D	I	White	Stairwell	<0.01
90	Railing	Metal	C	↓	↓	↓	0.17
91	Wall	Plaster	A	I	White	AIRC Office	<0.01
92	↓	↓	B	↓	↓	↓	↓
93	↓	↓	C	↓	↓	↓	↓
94	↓	↓	D	↓	↓	↓	↓
95	Door F	Metal	B	↓	Brown	↓	<0.01
96	Door F	↓	D	↓	↓	↓	<0.01
97	Drain Pipe	↓	D	↓	White	↓	<0.01
98	Wall	Plaster	A	I	White	AIRC	<0.01
99	↓	Plaster	B	↓	↓	↓	<0.01
100	↓	Conc.	C	↓	Lt. Blue	↓	0.04
101	↓	↓	D	↓	↓	↓	0.06
102	Door F	Metal	A	↓	Brown	↓	<0.01
103	↓	↓	B	↓	↓	↓	↓
104	Window F	↓	A	↓	↓	↓	↓
105	↓	↓	B	↓	↓	↓	↓
106	Wall	Plaster	A	I	White	Computer Room	<0.01
107	↓	↓	B	↓	↓	↓	↓
108	↓	↓	C	↓	↓	↓	↓
109	↓	↓	D	↓	↓	↓	↓
110	Door F	Metal	A	↓	Brown	↓	<0.01
111	Door F	↓	B	↓	↓	↓	<0.01
112	Wall	Conc.	A	I	White	Library	0.03
113	↓	↓	B	↓	↓	↓	0.06
114	↓	Plaster	C	↓	↓	↓	<0.01
115	↓	Concrete	D	↓	↓	↓	0.08
116	Column	Metal	B	↓	Lt. Blue	↓	<0.01
117	↓	↓	D	↓	↓	↓	<0.01

1st Floor

Reading #	Component	Substrate	Side	Cond.	Color	Location	Reading (mg/cm^2)
118	WALL	Conc	A	I	White	MEETING ROOM	<0.01
119	↓	↓	B	↓	↓	↓	↓
120	↓	Plaster	C	↓	↓	↓	↓
121	↓	↓	D	↓	↓	↓	↓
122	Door	Metal	A	↓	↓	↓	<0.01
123	Door F	Metal	A	↓	↓	↓	0.05
124	Door F	Metal	D	↓	Brown	↓	<0.01
125	Wall	Plaster	A	I	White	Meeting Room Storage	0.04
126	↓	↓	B	↓	↓	↓	0.05
127	↓	↓	C	↓	↓	↓	<0.01
128	↓	↓	D	↓	↓	↓	<0.01
129	Door F	Metal	C	↓	Brown	↓	<0.01
130	Upper Wall	Concrete	A	I	White	Public Men's Restroom	<0.01
131	↓	Plaster	B	↓	↓	↓	↓
132	↓	↓	C	↓	↓	↓	↓
133	↓	↓	D	↓	↓	↓	↓
134	Lower Wall	C.T.	B	↓	Tan	↓	<0.01
135	Toilet	Porc.	D	↓	White	↓	<0.01
136	Urinal	↓	↓	↓	↓	↓	<0.01
137	Sink	↓	↓	↓	↓	↓	<0.01
138	Door F	Metal	C	↓	Brown	↓	<0.01
139	Wall - Upper	Concrete	A	I	White	Public Women Rest.	<0.01
140	↓	Plaster	B	↓	↓	↓	↓
141	↓	↓	C	↓	↓	↓	↓
142	↓	↓	D	↓	↓	↓	↓
143	Lower Wall	C.T.	B	↓	Tan	↓	<0.01
144	Sink	Porc.	B	↓	White	↓	<0.01
145	Toilet	↓	A	↓	White	↓	<0.01
146	Door F.	↓	C	↓	Brown	↓	<0.01

XRF MEASUREMENT RECORD LOG

Reading #	Component	Substrate	Side	Cond.	Color	Location	Reading (mg/cm^2)
147	Wall	Plaster	A	I	White	Staff Lounge	<0.01
148	↓	↓	B	↓	↓	↓	↓
149	↓	Concrete	C	↓	↓	↓	↓
150	↓	↓	D	↓	↓	↓	↓
151	Window F	Metal	C	↓	Brown	↓	<0.01
152	Door F	↓	B	↓	↓	↓	<0.01
153	Wall	Plaster	A	I	White	Staff Womens Restroom	<0.01
154	↓	↓	B	↓	↓	↓	↓
155	↓	Conc.	C	↓	↓	↓	↓
156	↓	Plaster	D	↓	↓	↓	↓
157	Baseboard	C.T	A	↓	Tan	↓	<0.01
158	Sink	Porc.	B	↓	White	↓	<0.01
159	Toilet	↓	C	↓	↓	↓	<0.01
160	Door F	Metal	A	↓	Brown	↓	<0.01
161	Wall	Plaster	A	I	White	Staff Mens Restroom	<0.01
162	↓	↓	B	↓	↓	↓	↓
163	↓	↓	C	↓	↓	↓	↓
164	↓	↓	D	↓	↓	↓	↓
165	Baseboard	C.T.	B	↓	Tan	↓	<0.01
166	Sink	Porc.	C	↓	White	↓	<0.01
167	Urinal	↓	C	↓	↓	↓	<0.01
168	Toilet	↓	A	↓	↓	↓	<0.01
169	Door F.	Metal	A	↓	Brown	↓	<0.01
170	Wall	Plaster	B	I	White	Stairwell	<0.01
171	↓	↓	D	↓	↓	↓	↓
172	Door	Metal	A	↓	Brown	↓	<0.01
173	Door F	↓	A	↓	↓	↓	0.04
174	Door	↓	C	↓	↓	↓	<0.01
175	Door F	↓	C	↓	↓	↓	<0.01

XRF MEASUREMENT RECORD LOG

Reading #	Component	Substrate	Side	Cond.	Color	Location	Reading (mg/cm^2)
176	Wall	Plaster	A	I	White	Staff Work Area	<0.01
177	↓	↓	B	↓	↓	↓	↓
178	↓	Concrete	C	↓	↓	↓	0.05
179	↓	Plaster	D	↓	↓	↓	<0.01
180	Drain pipe	Metal	A	↓	White	↓	<0.01
181	Door F	↓	A	↓	Brown	↓	<0.01
182	↓	↓	B	↓	↓	↓	<0.01
183	↓	↓	D	↓	↓	↓	<0.01
184	Wall	Plaster	A	I	White	Janitor Closet	<0.01
185	↓	↓	B	↓	↓	↓	↓
186	↓	↓	C	↓	↓	↓	↓
187	↓	↓	D	↓	↓	↓	↓
188	Door F	Metal	C	↓	Brown	↓	↓
189	Mop Sink	Porc.	B	↓	White	↓	8.70
190	Wall	Concrete	A	I	White	Library	<0.01
191	Wall	Plaster	A	↓	↓	↓	↓
192	Wall	Conc	B	↓	↓	↓	↓
193	Wall	Conc.	C	↓	↓	↓	↓
194	Wall	Conc.	C	↓	↓	↓	↓
195	Wall	Plaster	D	↓	↓	↓	↓
196	Fencing	Metal	A	↓	Brown	↓	↓
197	Column	↓	B	↓	White	↓	0.85
198	↓	↓	D	↓	↓	↓	0.91
199		CALIBRATION - 1.0 mg/cm²					1.07
200		CALIBRATION - 1.0 mg/cm² (burned)					1.09
201							
202							
203							
204							

APPENDIX B
Inspector Certifications

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STATE OF CALIFORNIA Gavin Newsom, Governor

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health-Asbestos Certification
1750 Howe Avenue, Suite 460
Sacramento, CA 95825
(916) 574-2993 Office http://www.dir.ca.gov/dosh/asbestos.html actu@dir.ca.gov

604243992C **290**

April 03, 2024

Richard H Stevenson
17521 Teachers Avenue
Irvine CA 92614

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

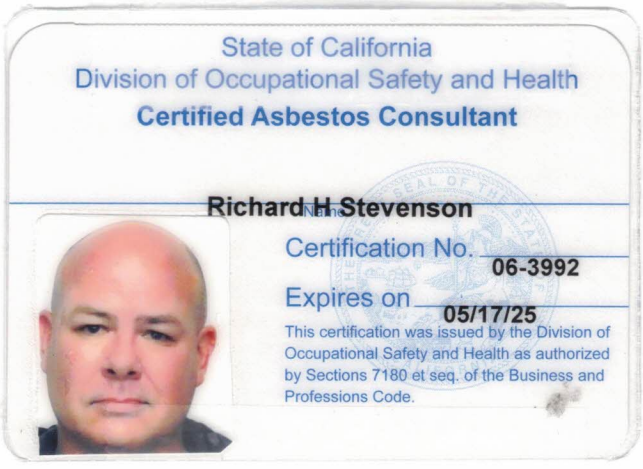
Please contact our office at the above address or email w any changes in your contact/mailing information within 15 days of the change.

Sincerely,

Kevin Graulich
Principal Safety Engineer

Attachment: Certification Card

cc: File



Renewal – Card Attached

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00000992	9/29/2024
	Lead Project Monitor	LRC-00000991	9/29/2024

Richard Stevenson

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

APPENDIX C
CDPH Form 8552 – Lead Hazard Evaluation Report

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State of California—Health and Human Services Agency | California Department of Public Health

LEAD HAZARD EVALUATION REPORT

Section 1 — Date of Lead Hazard Evaluation 4/15/2024

Section 2 — Type of Lead Hazard Evaluation (Check one box only)

✓ Lead Inspection | Risk assessment | Clearance Inspection | Other (specify) _____

Section 3 — Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)]	City	County	Zip Code
6518 Miles Avenue	Huntington Park	Los Angeles	90255

Construction date (year) of structure	Type of structure		Children living in structure?	
1970	☐ Multi-unit building	☐ School or daycare	☐ Yes	✓ No
	☐ Single family dwelling	✓ Other Library	☐ Don't Know	

Section 4 — Owner of Structure (if business/agency, list contact person)

Name	Telephone number
Myron Lee - Los Angeles Department of Public Works	626-300-3298

Address [number, street, apartment (if applicable)]	City	State	Zip Code
900 S. Fremont Avenue	Alhambra	CA	91803

Section 5 — Results of Lead Hazard Evaluation (check all that apply)

☐ No lead-based paint detected | ✓ Intact lead-based paint detected | ☐ Deteriorated lead-based paint detected

☐ No lead hazards detected | ☐ Lead-contaminated dust found | ☐ Lead-contaminated soil found | Other _____

Section 6 — Individual Conducting Lead Hazard Evaluation

Name	Telephone number
Richard Stevenson	949-233-0974

Address [number, street, apartment (if applicable)]	City	State	Zip Code
24411 Ridge Route Drive, Suite 225	Laguna Hills	CA	92653

CDPH certification number	Signature	Date
LRC-00000992		04/28/2024

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Section 7 — Attachments

A. A foundation diagram or sketch of the structure indicating the specifc locations of each lead hazard or presence of lead-based paint;
B. Each testing method, device, and sampling procedure used;
C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

California Department of Public Health
Childhood Lead Poisoning Prevention Branch Reports
850 Marina Bay Parkway, Building P, Third Floor
Richmond, CA 94804-6403
Fax: (510) 620-5656

County
Of Los Angeles Public
Library

Sign Standards Manual

JUNE 2015

rsmdesign

County of Los Angeles Public Library Sign Standards Manual

Uniform sign system for the community libraries of the County of Los Angeles Public Library.

Yolanda De Ramus
Chief Deputy County Librarian
YDeRamus@library.lacounty.gov
P: 562.940.8412
F: 562.803.3032
7400 East Imperial Highway
Downey, CA 90242

As required in the scope of services, these standards include color, type and construction guidelines, comprehensive interior sign drawings for service, building and the collections, and select exterior applications.

The development of the County of Los Angeles Public Library Sign Standards Manual

These standards are the culmination of work by CoLAPL, Envirosell and RSM Design. Paco Underhill and Envirosell made visits to several community libraries. This work is summarized in a report that was given to RSM as part of the kick-off of the signage standards program.

In the analysis phase, RSM took stakeholder surveys to measure the needs of CoLAPL. The questions in this survey were summarized to find areas of broad agreement. Internal assessments focused on the need to limit the number of signs and create a uniform system. The main weaknesses in the current system are the use of jargon and the prolifieration of collateral signs printed by community library staff. Stakeholders expressed a strong preference for signs which encourage customers to help themselves.

Site visits to community libraries with RSM team members Martin Schwartz, Stephanie Wills and Ashley Zwar and County Library team members Terri Maguire, Helen K. Tsai, Robert Seal, and Beth Wilson further illuminated the needs of CoLAPL.

At the end of this analysis phase, six primary goals were presented to the team.

1. Inviting.
2. Comfortable.
3. Clear.
4. Attractive.
5. Organized.
6. Flexible.

For the full report, see the presentation from September 19, 2007.

On the same date as the analysis presentation, RSM showed seven design concepts for the committee's review. The concept known as Writing on the Wall was the final selection.

The sign family expresses the core elements of the new CoLAPL brand. It easily expands the color palette of the new logo into the signs.

In addition, these standards may be expanded to include other elements as needed, such as print collateral, exterior signs and electronic media. The best way to strengthen the CoLAPL brand is to speak in consistent visual language following the lead outlined on the following pages.

Using this Manual

These standards were designed to create consistent signage throughout the County of Los Angeles Public Library. The range of sign types and construction options are intended to be flexible to meet the diverse needs of the community libraries.

Again, in the simplest terms, these standards establish *consistency* while avoiding "cookie cutter" uniformity. This is the number one goal.

The design also meets several additional criteria:

1. INVITING. They are jargon free with a hint of whimsy to encourage self-directed browsing.
2. COMFORTABLE. Simple designs with bright colors encourage a relaxed environment.
3. CLEAR. High contrast colors, consistent type sizes and sign placement are easy to use. Clean areas reduce clutter.
4. ATTRACTIVE. Signs are simple, colorful, bold, eye-catching and contemporary.
5. ORGANIZED. A careful hierarchy and expanded list of permanent signs effectively communicates.
6. FLEXIBLE. Signs are affordable with versatile construction and location options to meet the wide-ranging needs of individual community libraries. Temporary signs are built into the system from day one.

We live in a world of increasing visual sophistication. These standards give CoLAPL the tools to communicate to its customers with signs that are informative, easy-to-use and visually attractive. By following the manual and the standards within, CoLAPL strives for greater relevance to its users and an expanded audience.

Part One: A short introduction that outlines the sign standards for a general audience. It explains the big ideas behind the design.

Part Two: The building blocks of the sign standards; such as fonts, type styles, type placement, color palette, typical construction detail. It includes examples of signs that meet the standards as well as prohibitions. Based on the standards outlined in Part Two, a trained designer may create new signs for the CoLAPL.

Part Three: The final section breaks down the standards into sign types with technical drawings and written descriptions. Each sign type is described with multiple views and an accompanying page of written standards. This is the longest section of the standards. It completes the package, which will readily translate into construction drawings for final fabrication.

County Of Los Angeles Public Library

Sign Standards Manual

Part One: A Short Intro

A step-by-step approach to understanding the sign standards.

Part Two: The Building Blocks

Type style, color palette, type standards, typical construction details.

Part Three: Sign Drawings

This section includes elevations, side views with alternate construction details, type options for several choices and a written description of the standards.

- Service and Building Signs
- General/Adult Collections and Children's Collections Signs
- Exterior Signs

Part One: A Short Intro

A step-by-step approach to understanding the sign standards.

A step-by-step approach

Six questions break down the standards for beginners.

1. Interior or Exterior?

2. What's it for? How will the sign be used?

3. How important is the message?
Based on use and volume.

4. How long is the message?

5. What are the site conditions?

6. Do you need additional messaging?
Secondary messages.



1. Interior or Exterior?

Exterior signs deliver information. Interior signs communicate a bigger personality.

a. Exterior.
Durable materials.
Vehicular scale.



b. Interior.
Versatile materials.
Pedestrian scale.



2a. What's it for?

Color-coded by use with bright hues from the logo.

a. Service Related=Blue.
Accents: Purple

b. Building Signage= Gold.
Accents: Charcoal

c. General/Adult Collections= Green.
Accents: Blue

d. Children's Collections=Purple.
Accents: Green

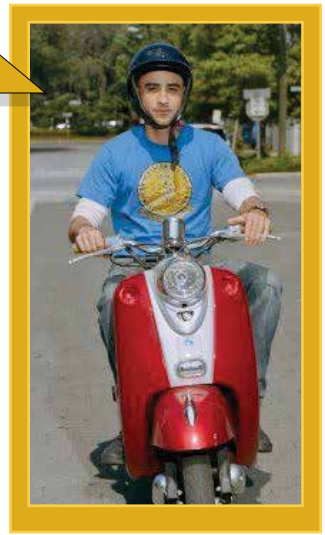
County
Of Los Angeles Public
Library

2b. What's it for?

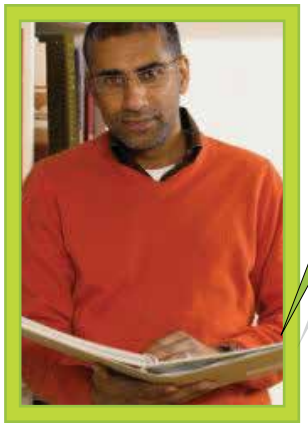
Colors relate to existing divisions within the library.

a. Service Related.
For customers actively seeking help from staff.

b. Building Signage.
Customers who are helping themselves.







c. General/Adult Collections.
Books and other media.



d. Children's Collections.
Books and media for children and families.

2c. What's it for?

These color-coded uses group together in a plan view of the library.

a. Service Related.
For customers actively seeking help from staff.

Examples: Information, copy machines, self check out, free wi-fi, or public internet computers.

b. Building Signage.
Customers who are helping themselves.

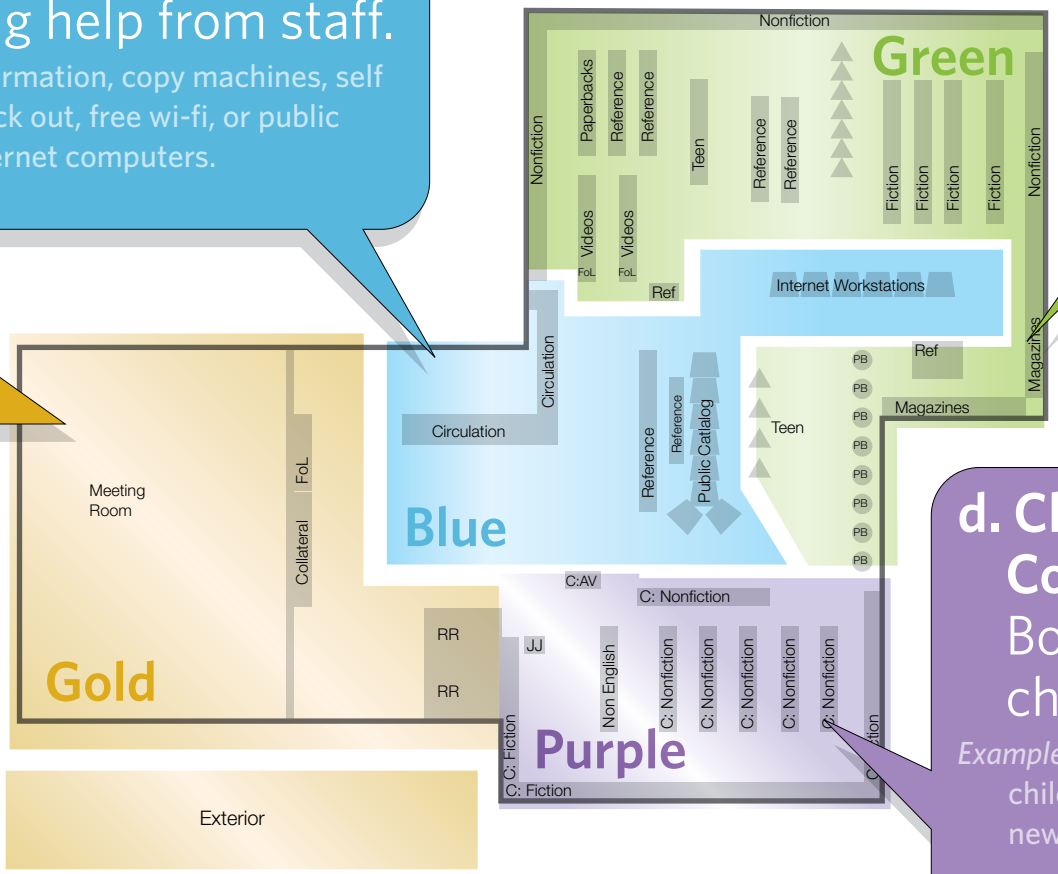
Examples: Exterior signs, door plaques, directional signage, restrooms, rules and regulations.

c. General/Adult Collections.
Books and other media.

Examples: Nonfiction, fiction, Media Zone, new arrivals, large print, etc.

d. Children's Collections.
Books and media for children and families.

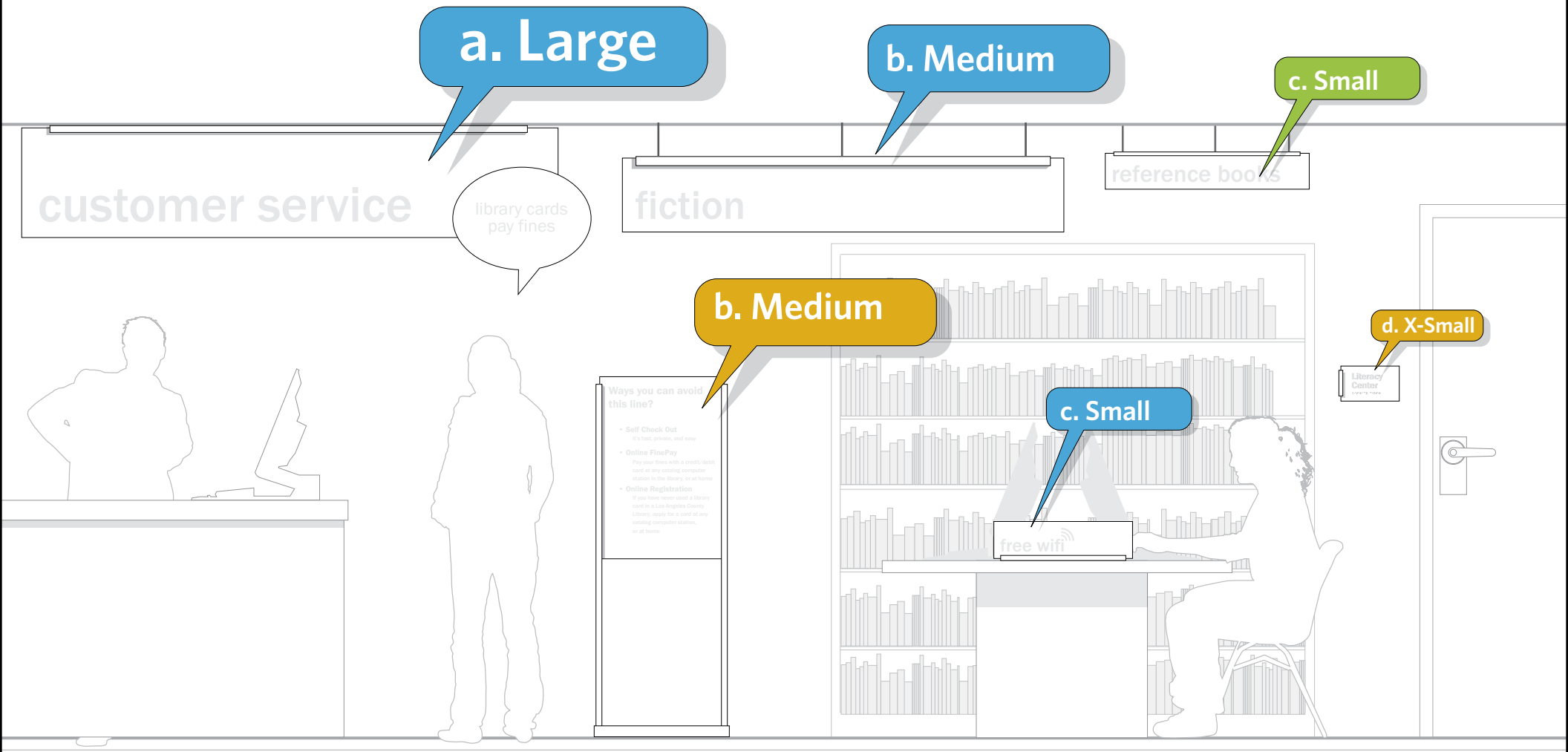
Examples: Children's area, picture books, children's nonfiction, children's fiction, new books, parenting books, etc.



3. How important is the message?

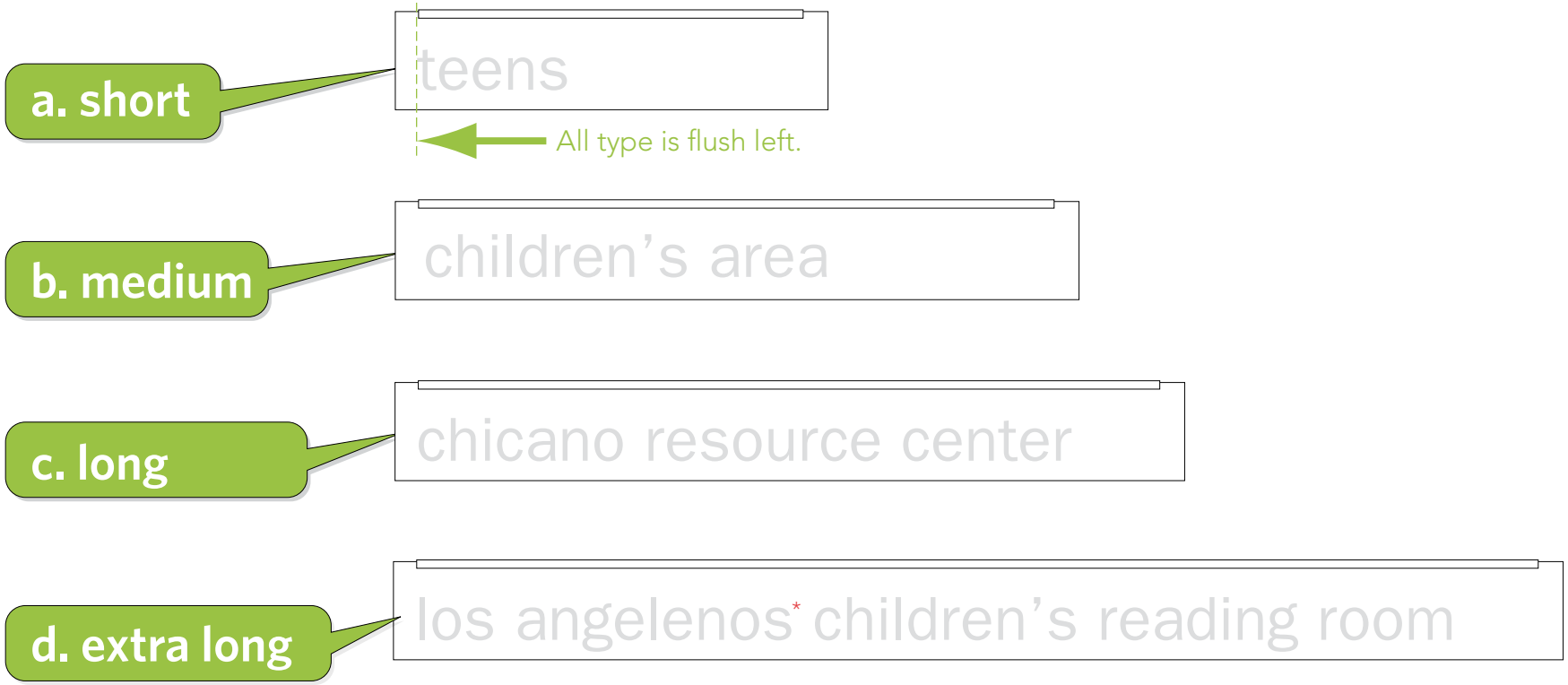
More important messages need bigger signs with bigger type.
For service related signs, importance can be measured in use frequency.
For collections, importance is related to their size and popularity.

More important ← → **Less important**
Bigger — Smaller



4. How long is the message?

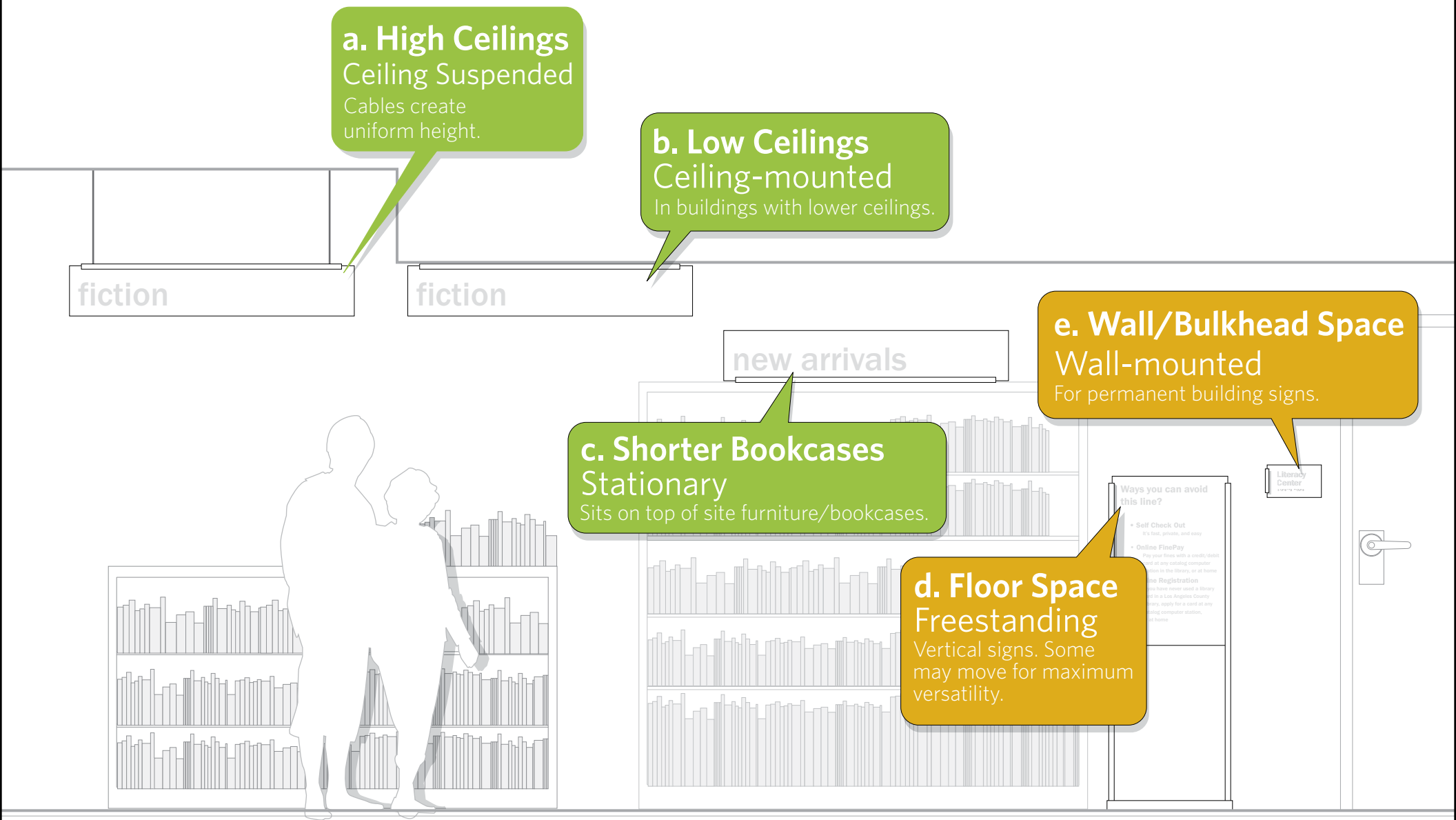
Simply put, longer messages need longer sign bands.



* Please Note: If a personal name is used on this sign type, RSM recommends that the name should be lowercase to fit within the signage system guidelines. However we do recognize that this is an uncommon use of grammar.

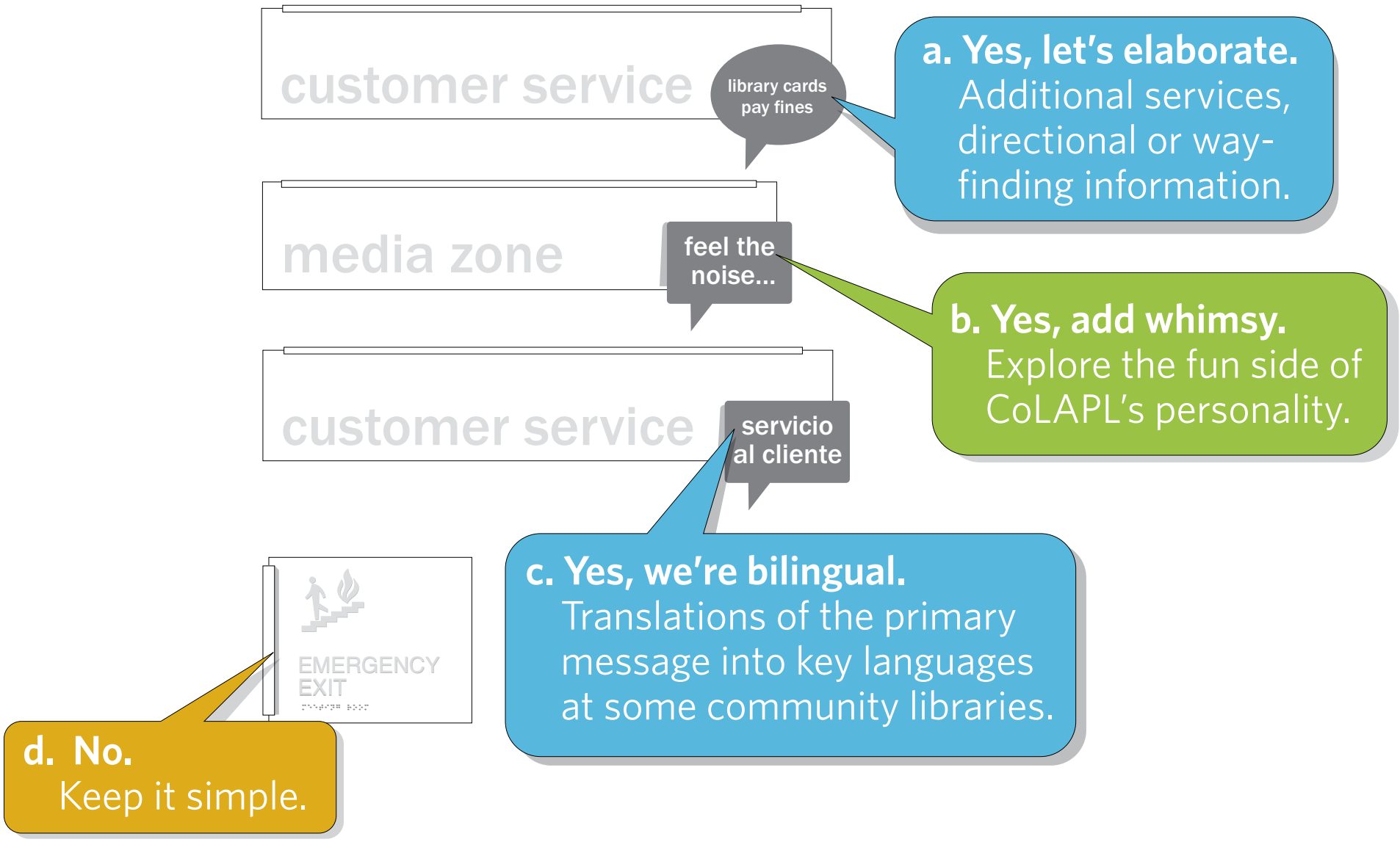
5. What are the site conditions?

Signs may be either ceiling suspended, ceiling-mounted, stationary, freestanding or wall-mounted.



6. Do you need additional messages?

Most signs allow for secondary information in the form of a bubble.



a. Yes, let's elaborate.
Additional services, directional or way-finding information.

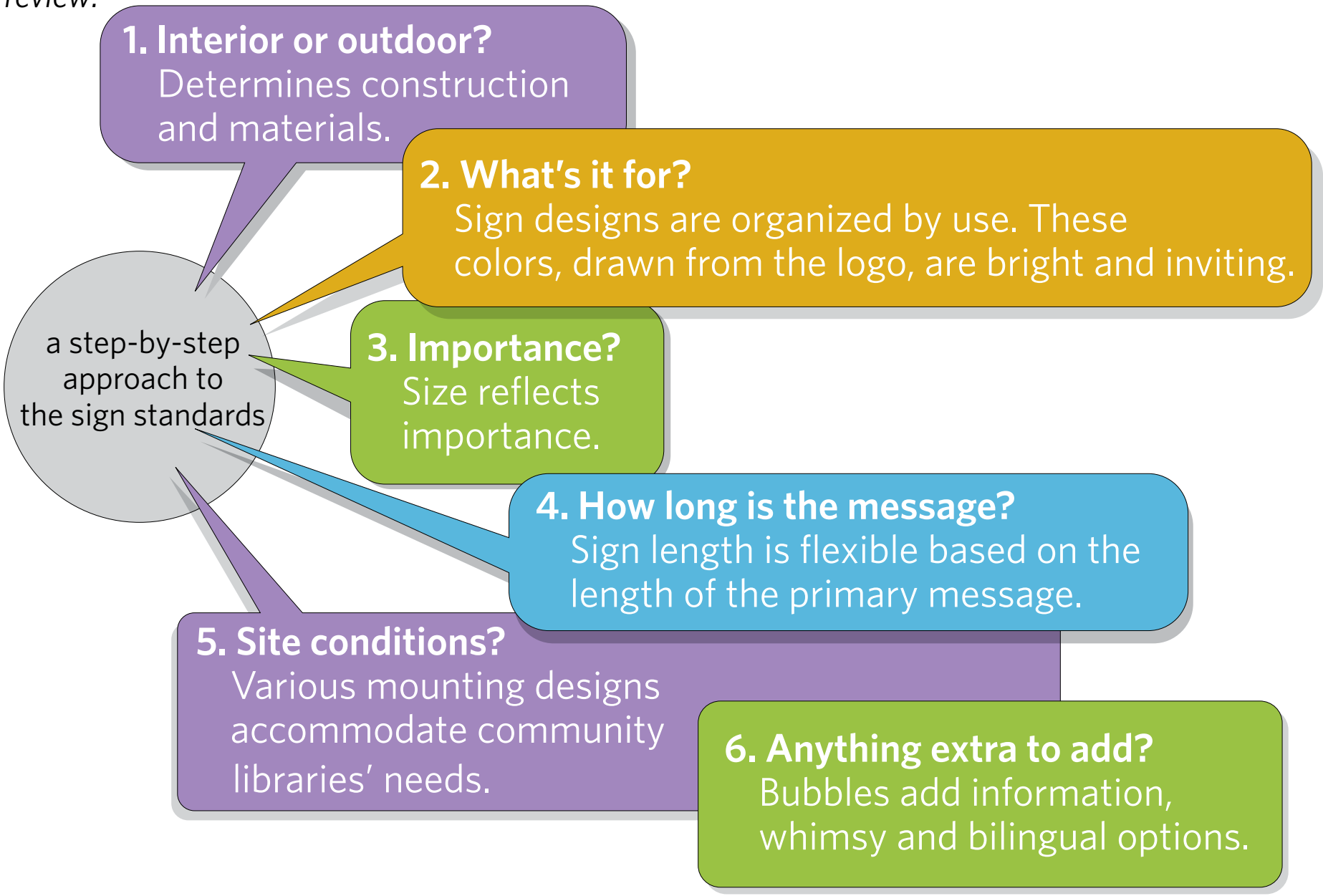
b. Yes, add whimsy.
Explore the fun side of CoLAPL's personality.

c. Yes, we're bilingual.
Translations of the primary message into key languages at some community libraries.

d. No.
Keep it simple.

It's that simple

To review:



Part Two: The Building Blocks

The fundamentals of the sign family with a general overview.

Type Standards: Font style, symbols, logo.

Sign Elements: The basic elements of a sign.

Type Standards: DOs and DON'Ts.

Color and Type Applications: An overview.

Secondary Type: Type Bubbles.

Pattern: Use and guidelines.

Typical Location Plan.

Construction Details and Fabrication: Nuts and Bolts.

Franklin Gothic Book

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

Franklin Gothic Medium

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

Franklin Gothic Demi

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

Project Logo

County Of Los Angeles Public Library

Full Color Logo

County Of Los Angeles Public Library

One-Color Logo

Arrows



Left Right Straight Ahead

Symbols



Restrooms Fire Escape Fire Extinguisher Elevator No Smoking



Family Restroom Wheelchair Accessible TDD Wireless Internet Changing Station

Historical	County Library Standard
Circulation	customer service (library cards/pay fines in bubble)
Reference	ask us
Book Return	returns
New Books	new arrivals
Self Check-Out	check out
Holds/Request	pick up holds
Copier	copies
Computer Catalog	search our collection
Audio Cassette Tape	media zone (movies, music & more in bubble)
	includes all items listed from " audio cassette tape" through "vhs".
Music CD	
Audiobook on CD	
Audiobook on Tape	
CD-ROM	
DVD	
VHS	
Large Print	large print
Copies/Pay Station	copies/pay station
Periodicals	magazines -or- newspapers -or- magazines/newspapers
Fiction	fiction
Non-Fiction	nonfiction
Restrooms	RESTROOMS
Meeting Room	MEETING ROOM
Staff Offices	STAFF
Staff Lounge	staff lounge
Friends of the Library	friends of the library book sale
Teen/Young Adult	teens
Children's	children's area -or- children
Books in other Languages	books in other languages
Custodian	custodian
Group Study Room	group study room
Media Equipment Room	media equipment room
Pay Station	
Main Communications Room	
Deliveries	deliveries

This list is a work in progress and is not all inclusive.
All copy must be approved by the Departmental Signage Coordinator.

Color Schedule

Note: MP Mattews paint call outs to be matched by fabricator or approved equivalent to match.

Building Signs:

P1 Primary Background
MP02548

P2 Pattern
MP02059

P3 Accent
MP11852

P4 Type
MP11477

V1 3M
7725-10

P5 Accent
MP12642

P6 Accent
MP07332

P7 Accent
MP30136

V2 3M Frosted Crystal
7725-324

V3 Avery Graphics
True Shadow

V4 Avery Graphics
A4090-O

Service Signs:

P8 Primary Background
MP02625

P9 Pattern
MP06046

P10 Accent
MP08975

P11 Accent
MP11309

General/Adult Collections:

P12 Primary Background
MP13551

P13 Pattern
MP11856

P14 Accent
SAME AS P9

P15 Accent
SAME AS P8

Children's Collections:

P16 Primary Background
MP00292

P17 Pattern
MP11309

P18 Accent
SAME AS P13

P19 Accent
SAME AS P12

CLAPL Full Color Logo:

P20 CLAPL Logo
MP00502

P21 CLAPL Logo
MP01543

P22 CLAPL Logo
MP10498

P23 CLAPL Logo
MP04348

P24 CLAPL Logo
MP00285

P25 CLAPL Logo
MP08860

P26 CLAPL Logo
MP02520

Paint swatches on actual materials need to be reviewed by CLAPL before fabrication.



1



2



3



4

Back of Panel Pattern Options



5



6



7



8



9

Sign Components

Five simple elements are the building blocks of the CoLAPL sign system.

customer service

library cards
pay fines

media zone

movies,
music
& more

children's area

ooh, ooh,
pick me,
pick me! me!

General collection signs are green with blue supports and blue bubbles.

Children's collection signs are purple with green supports and bubbles.

Spine & Returns :
Accent color uniform throughout use area (P10).

Front Pattern:
Rendered in color-coded hues, slightly darker than the accompanying sign panel (P9).

Sign Panel:
Primary color, color-coded by use area (P8).

Secondary Copy:
All copy on permanent interior signs is white (P4), on a background accent, color-coded by use (P11)

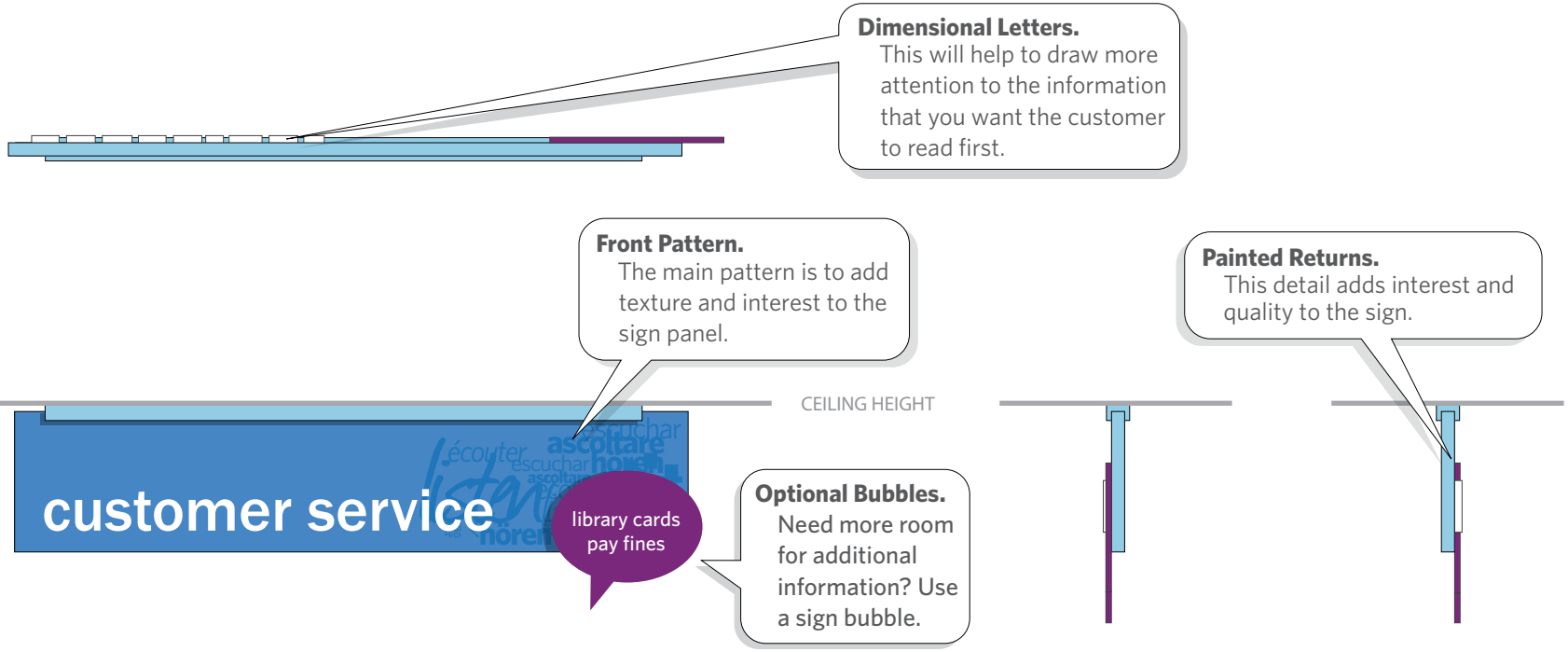
Primary Copy:
All copy on permanent interior signs is white (P4).

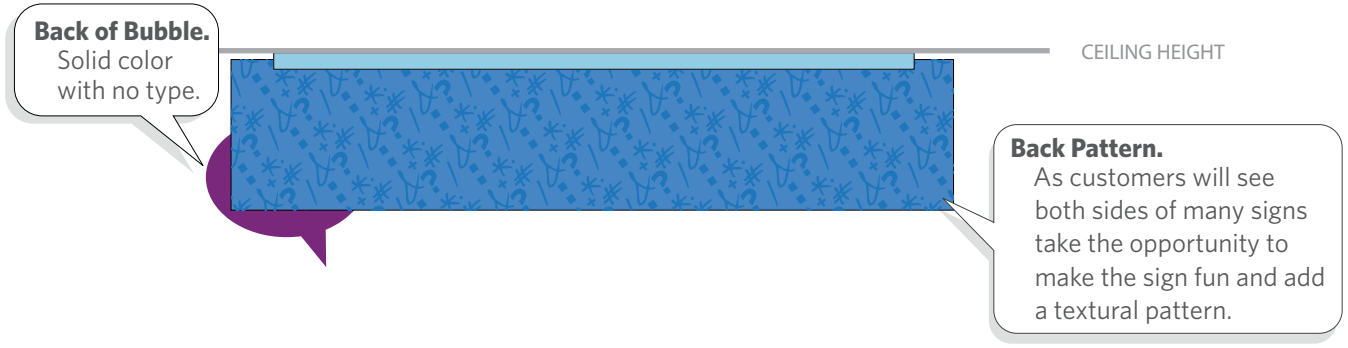
customer service

Note: Primary, Secondary, and Tertiary Service Identity signs contain same sign components. See detail pages for size and scale.

Sign Details; Single-Sided

Understanding the basics of how signs are drawn in part three.

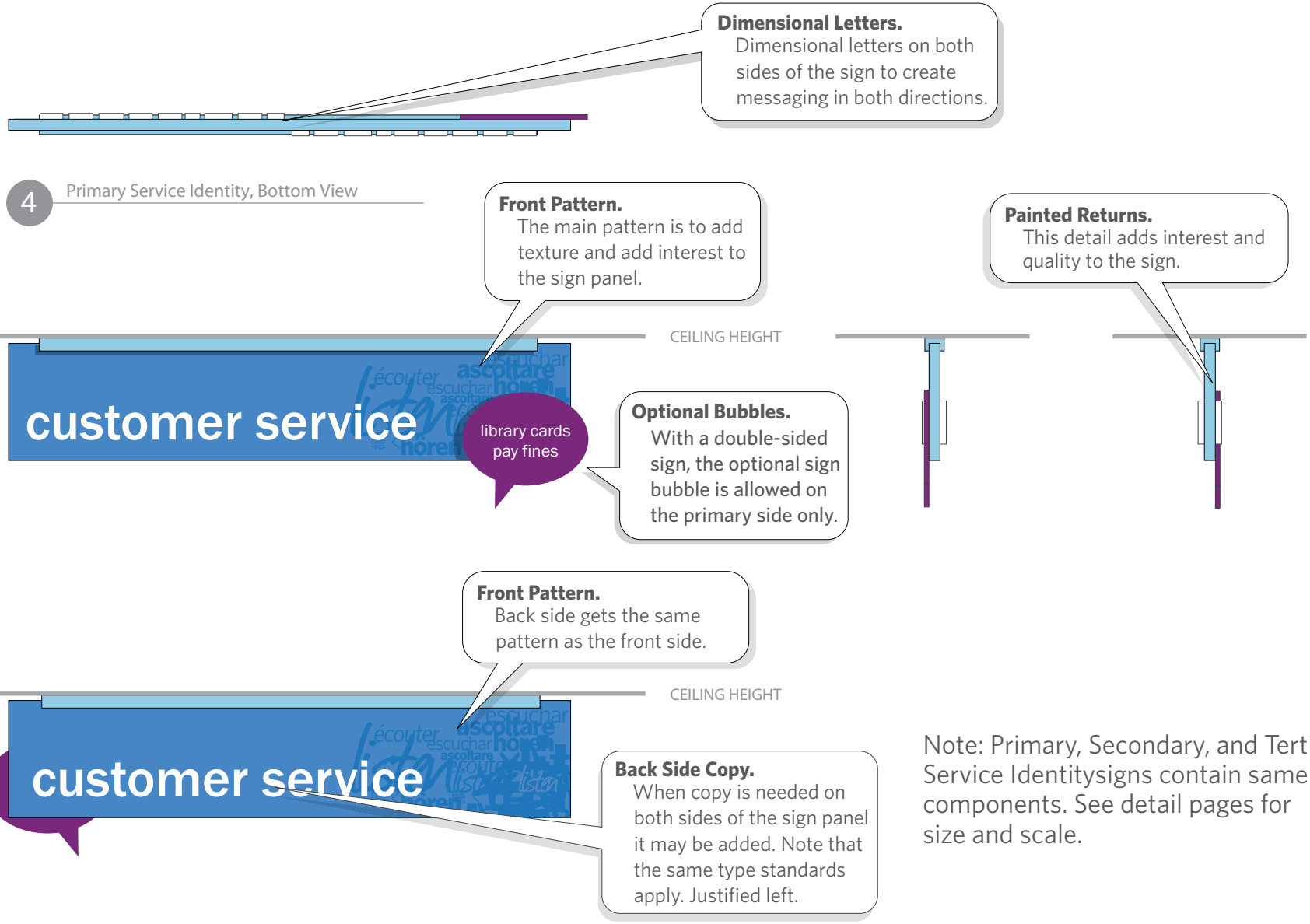




Note: Primary, Secondary, and Tertiary Service Identitysigns contain same sign components. See detail pages for size and scale.

Sign Details; Double-Sided

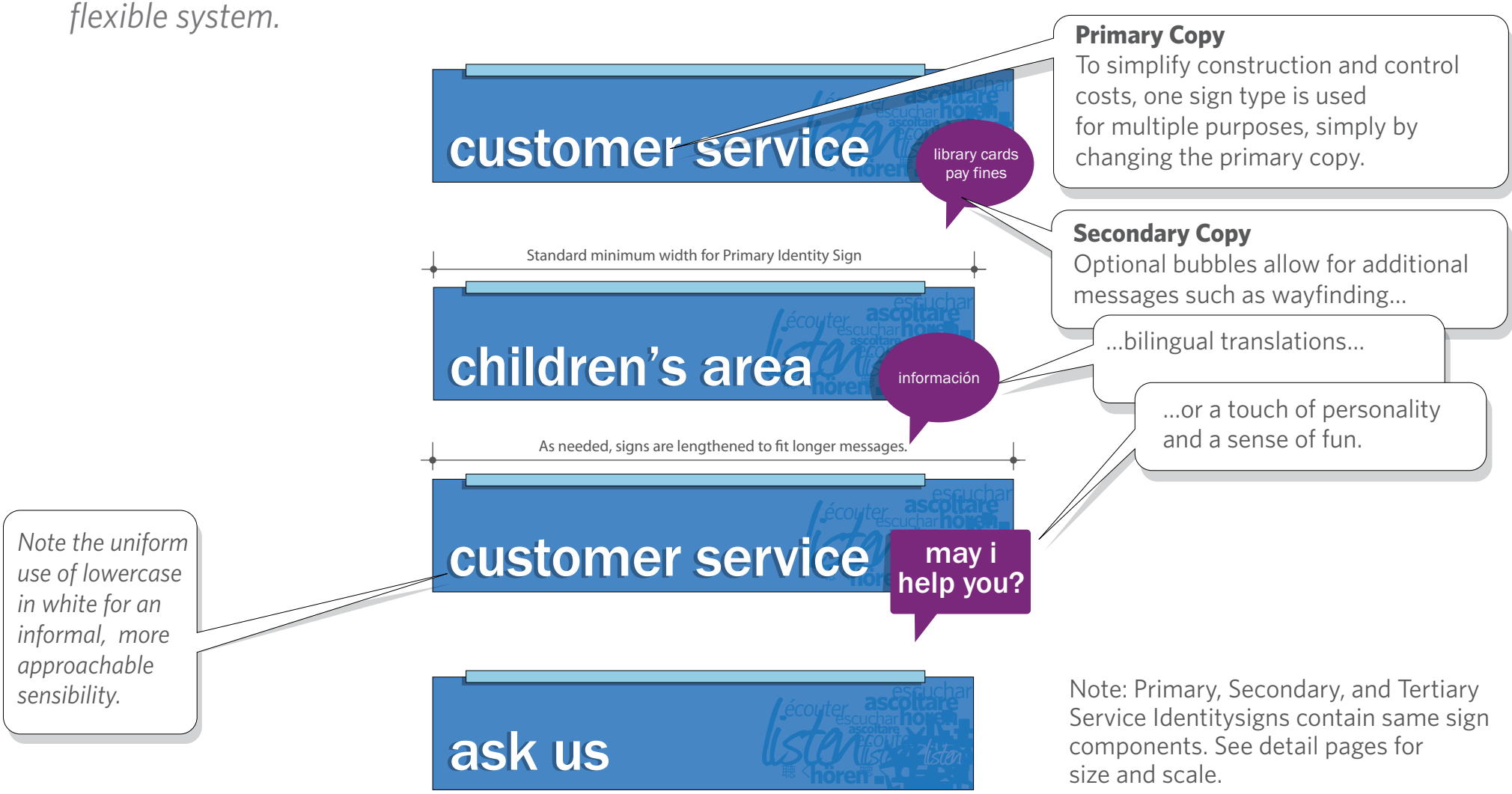
When a sign needs to have a double-sided message.



Note: Primary, Secondary, and Tertiary Service Identitysigns contain same sign components. See detail pages for size and scale.

One Sign Design, Many Messages

The system consolidates countless messages into a manageable set of sign types, ranging in size. Each sign type is used for comparable services or collections.
The primary service sign identifies four key locations. This modular approach is the key to a flexible system.



Primary Copy
To simplify construction and control costs, one sign type is used for multiple purposes, simply by changing the primary copy.

Secondary Copy
Optional bubbles allow for additional messages such as wayfinding...

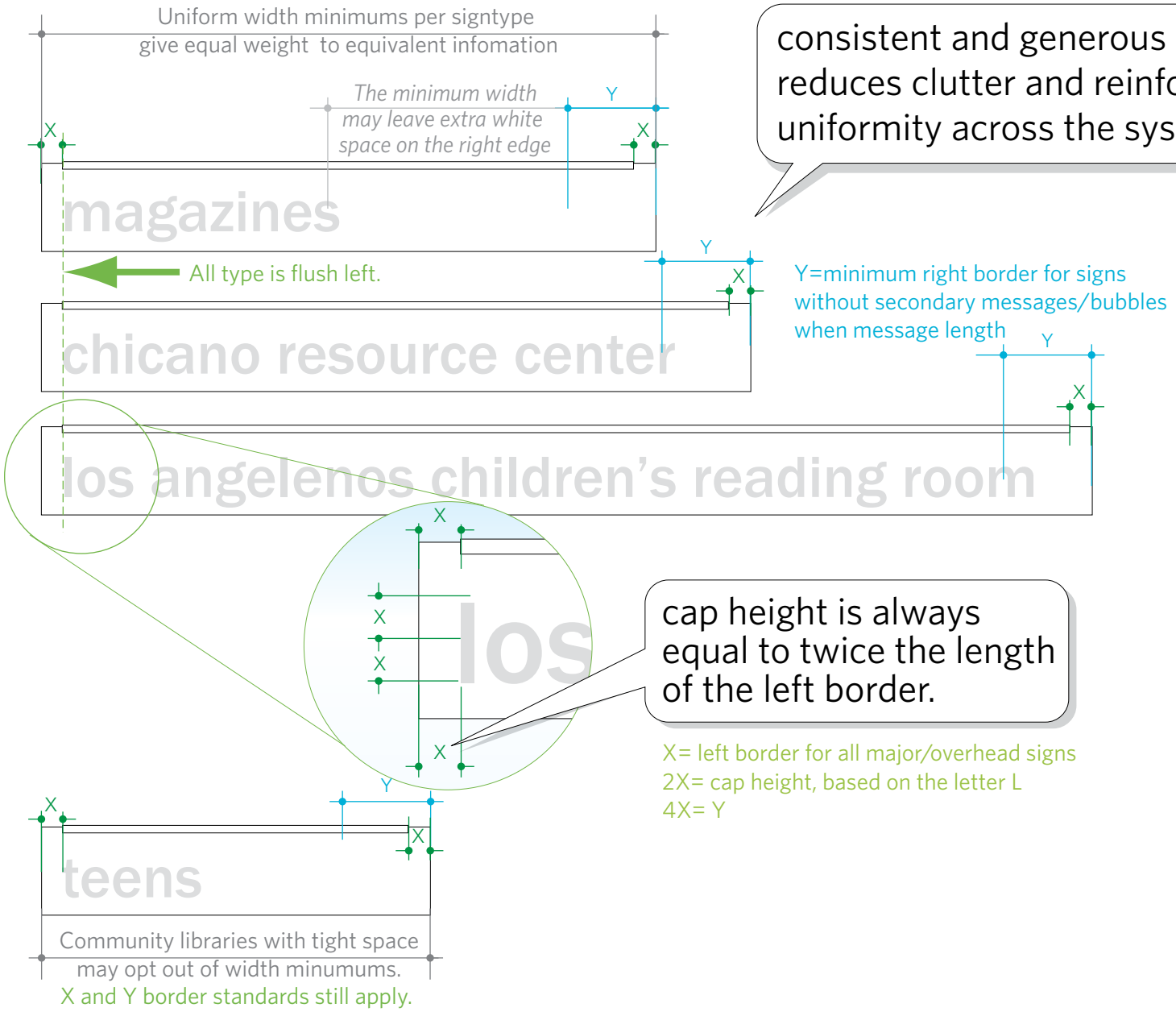
...bilingual translations...

...or a touch of personality and a sense of fun.

Note the uniform use of lowercase in white for an informal, more approachable sensibility.

Note: Primary, Secondary, and Tertiary Service Identitysigns contain same sign components. See detail pages for size and scale.

UniformType Standards



consistent and generous white space reduces clutter and reinforces uniformity across the system.

Y=minimum right border for signs without secondary messages/bubbles when message length

cap height is always equal to twice the length of the left border.

X= left border for all major/overhead signs
2X= cap height, based on the letter L
4X= Y

DON'Ts

DON'T USE ALL CAPS



DON'T USE NON-STANDARD FONTS



DON'T USE NON-STANDARD COLORS



DON'T ADD SECONDARY COPY TO MAIN SIGN PANEL



DON'T EXCEED STANDARD BORDERS



DON'T JUSTIFY THE TYPE OR CHANGE TRACKING



DON'T ENLARGE TYPE FROM STANDARDS



DON'T REDUCE TYPE FROM STANDARDS



DON'T USE PATTERNS IN NON-STANDARD COLORS



DON'T ALIGN TYPE TO THE RIGHT EDGE



DON'T USE NON-STANDARD SHAPES



DON'T ADD A DROP SHADOW TO FLAT GRAPHICS



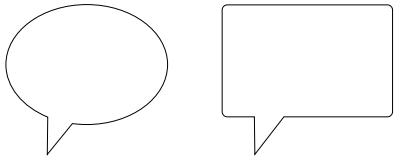
Bubble Specifications

The following thought bubble specifications help clarify when, where, and how they should be used.

Bubble Selection:

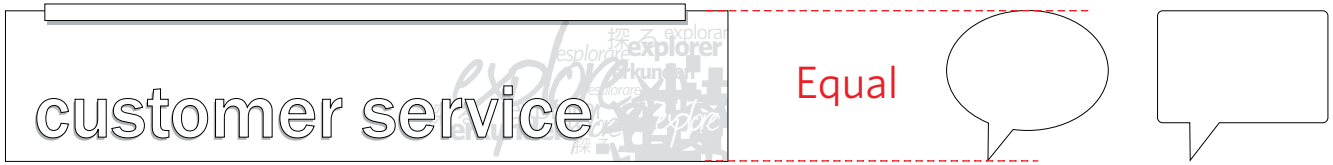
- Pick a bubble shape. Color of the bubble is determined by the color palette of the sign it will be going on.

(see Color Schedule and Sign Schedule)



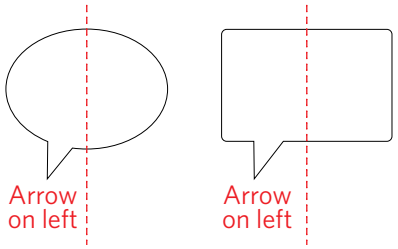
Size Requirements:

- The total height of the thought bubble should be a maximum height of the sign it is going on.



Secondary Messaging/Copy:

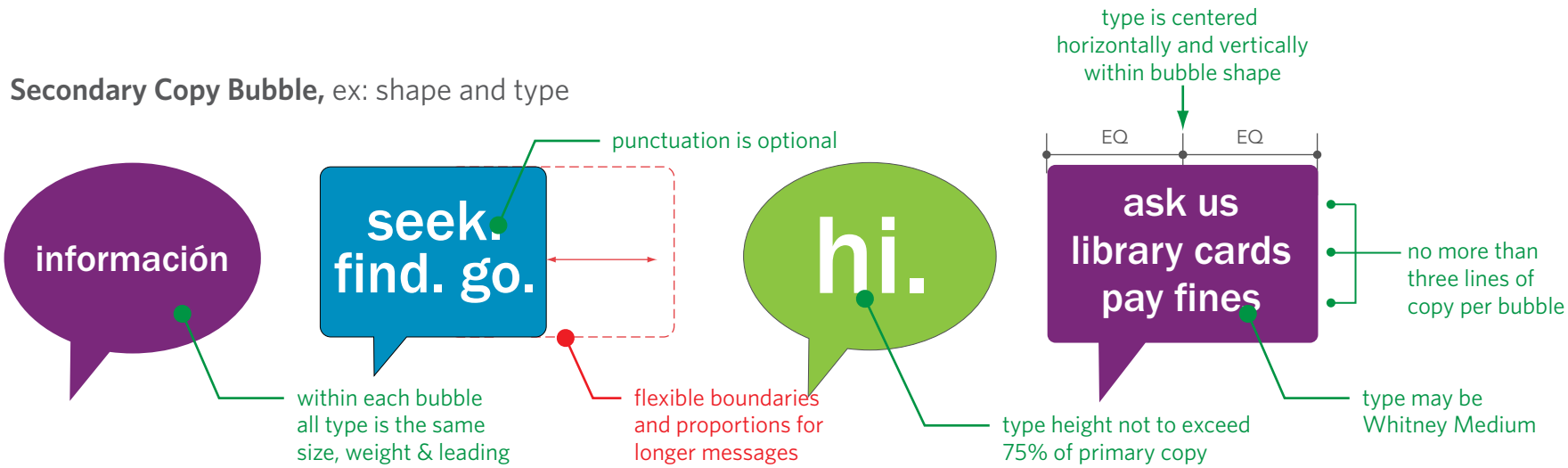
- Copy should not exceed three lines. All copy for thought bubbles must be approved by the Departmental Signage Coordinator prior to fabrication. All letters should be the same size and weight. Type height is not to exceed 75% of the primary message, but is flexible within those standards. Type is always white and the bubble point should remain towards the primary copy of the sign.



Thought Bubble Standards

Bubbles are an expressive and flexible way to add messages to larger signs within the system.

Secondary Copy Bubble, ex: shape and type



Ceiling Mounted Sign
ex: Customer Service



Suspended Sign
ex: General Collection/Magazines



Stationary Sign
ex: Children



Stationary Sign
ex: General Collection/Magazines



Thought Bubble Examples

Based on the needs of the community library, the bubble is a flexible option for three kinds of information:

1. Additional wayfinding. 2. Whimsy and personality. 3. Bilingual Translation.

Not every sign is required to have a bubble. They are optional.

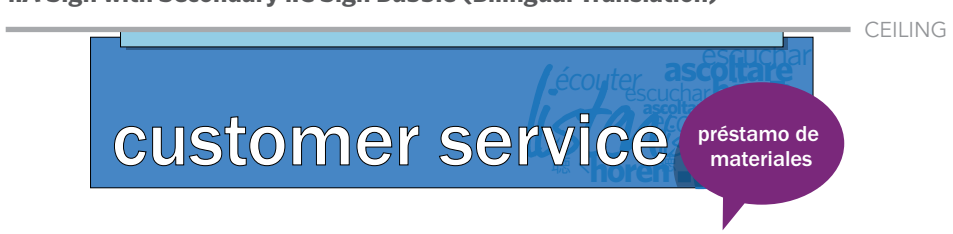
i.A Sign with Basic Messaging: No Secondary Copy/Bubble



i.A Sign with Secondary i.C Sign Bubble (Wayfinding Information)



i.A Sign with Secondary i.C Sign Bubble (Bilingual Translation)

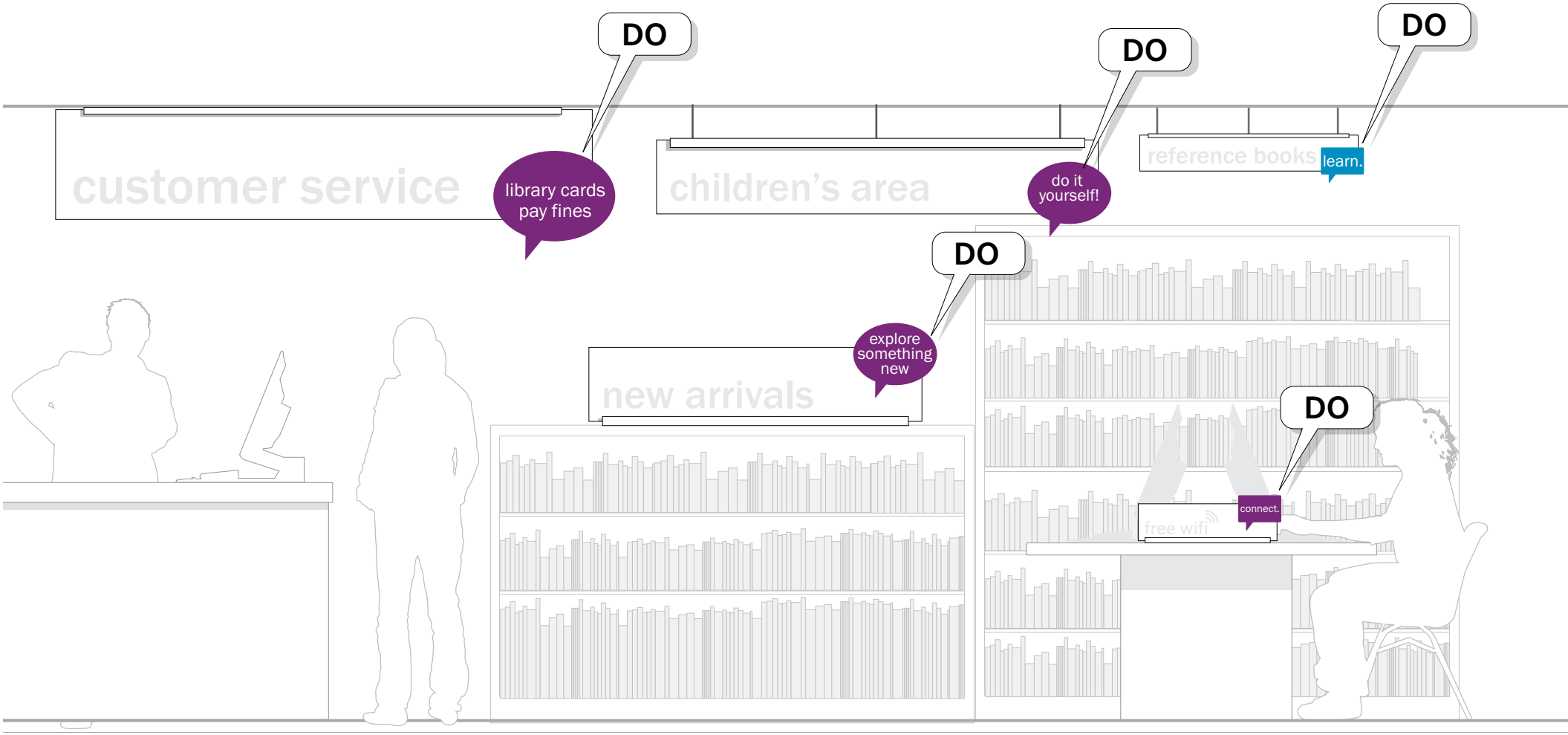


i.A Sign with Secondary i.C Sign Bubble (Whimsy)



Thought Bubble DOs

Use of Bubble for Secondary Messaging



Thought Bubble DON'Ts

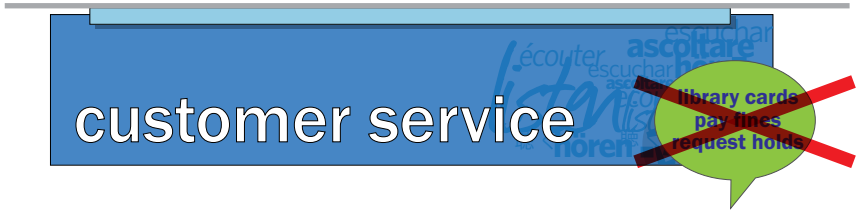
DON'T USE MULTIPLE BUBBLES ON ONE SIGN



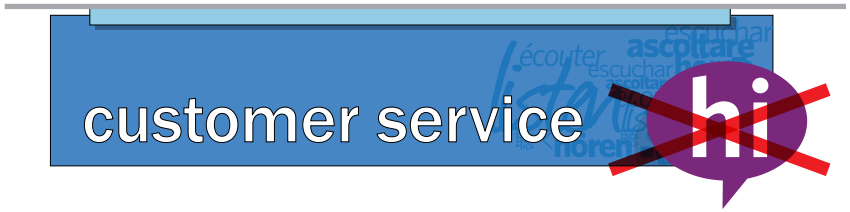
DON'T USE NON-STANDARD PLACEMENT



DON'T USE NON-STANDARD COLORS



DON'T USE OVERLY LARGE TYPE TREATMENTS



DON'T USE NON-STANDARD SIZES OR SHAPES



DON'T USE NON-STANDARD TYPE TREATMENTS

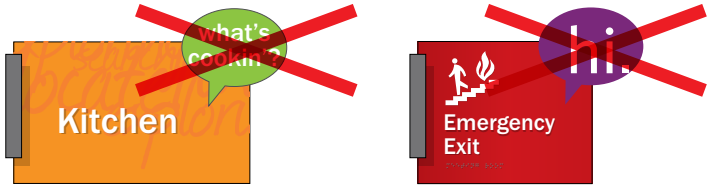


ALL CAPS | NON-STANDARD FONT | TOO MUCH COPY



MULTIPLE SIZES | MULTIPLE WEIGHTS | NOT CENTERED

DON'T USE ON DOOR PLAQUES OR REGULATORY SIGNS



Exterior Building Signs



e.B Freestanding Entry Sign

Side View

Front View

Side View

Back View

e.A Building Entry Sign

e.D Exterior Freestanding Book & Media Drop

Typestyle: **Title Case**

Building signs default to a more informative Title Case.

Exceptions: Rules are written out in sentence case.

P1 Primary Background	P2 Pattern	P3 Accent	P4 Type	V1 3M	P5 Accent	P6 Accent	V4 Avery Graphics
MP02548	MP02059	MP11852	MP11477	7725-10	MP12642	MP07332	A4090-O

Interior Building Signs



i.E
Small Directional

i.F
Large Directional

i.G
Large Movable Floor Directional

i.H
Rules & Regulations

i.J
Room Plaques

i.N
RR Door Plaques

i.P
RR Door Sign

i.Q
RR Door Graphic

Typestyle: **Title Case**

Building signs default to a more informative Title Case.

Exceptions: Rules are written out in sentence case.

Building Sign Color Palette

P1 Primary Background	P2 Pattern	P3 Accent	P4 Type	V1 3M
MP02548	MP02059	MP11852	MP11477	7725-10

Service Signs

Color and Type Applications

customer service

library cards
pay fines

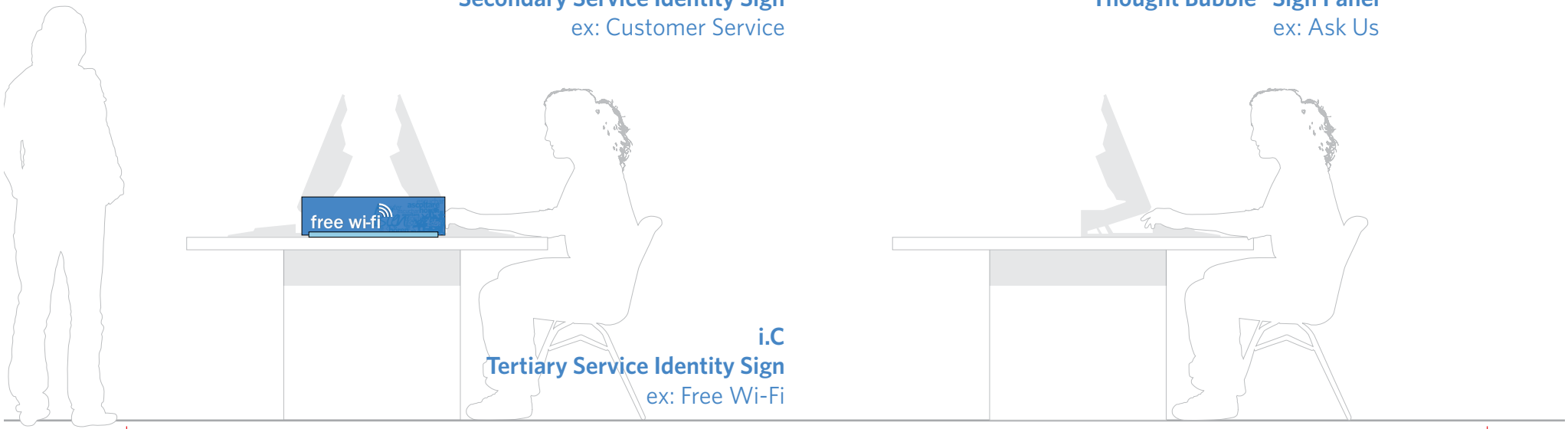
i.A
Primary Service Identity Sign
ex: Customer Service

customer service

ask us

i.B
Secondary Service Identity Sign
ex: Customer Service

i.D
"Thought Bubble" Sign Panel
ex: Ask Us



i.C
Tertiary Service Identity Sign
ex: Free Wi-Fi

Typestyle: **all lowercase**

Service signs use a friendly, approachable lowercase typestyle.

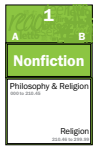
Service Sign Color Palette

P8 Primary Background	P9 Pattern	P10 Accent	P11 Accent	P4 Type	V1 3M
MP02625	MP06046	MP08975	MP11309	MP11477	7725-10

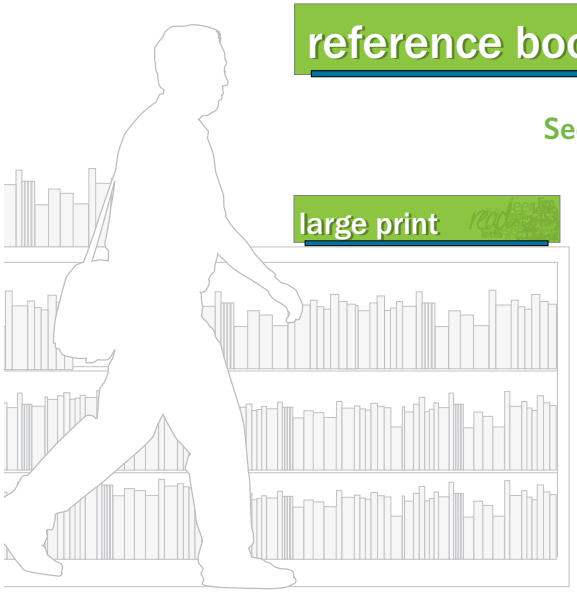
General/Adult Collection Signs



i.R
Primary Collection Identity Sign
ex: Nonfiction



i.U
Book Stack End Panels
ex: Nonfiction





i.S
Secondary Collection Identity Sign
ex: Reference Books



i.V
Intra-shelf Sign "Panel"
ex: "Math"

i.T
Tertiary Collection Identity Sign
ex: Large Print



i.RR
Adult Blade Sign
ex: "General"
All copy is to be finalized by CoLAPL

Typestyle: ~~all lowercase~~
Collection identity signs use the same friendly typestyle as the service area sign.

Typestyle: **Title Case**
Collection directional signs use the more precise "Title Case."

Adult Collection Color Palette

P12 Primary Background	P13 Pattern	P14 Accent	P15 Accent	P7 Accent	P4 Type	V1 3M
MP13551	MP11856	SAME AS P9	SAME AS P8	MP30136	MP11477	7725-10

Children's Collection Signs



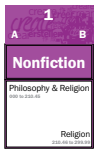
i.X
Primary Collection Identity Sign
ex: Children's Area



i.Y
Secondary Collection Sign
ex: Children



i.Z
Tertiary Collection Identity Sign
ex: Homework Center



i.AA
Book Stack End Panels
ex: Nonfiction



i.BB
Intra-shelf Sign "Panel"
ex: "Math"



i.SS
Childrens Blade Sign
ex: "Children"

All copy is to be finalized by CoLAPL

Typestyle: **all lowercase**

Collection identity signs use the same friendly typestyle as the service area sign.

Typestyle: **Title Case**

Collection directional signs use the more precise Title Case

Children's Collection Color Palette

P16 Primary Background	P17 Pattern	P18 Accent	P19 Accent	P7 Accent	P4 Type	V1 3M
MP00292	MP11309	SAME AS P13	SAME AS P12	MP30136	MP11477	7725-10

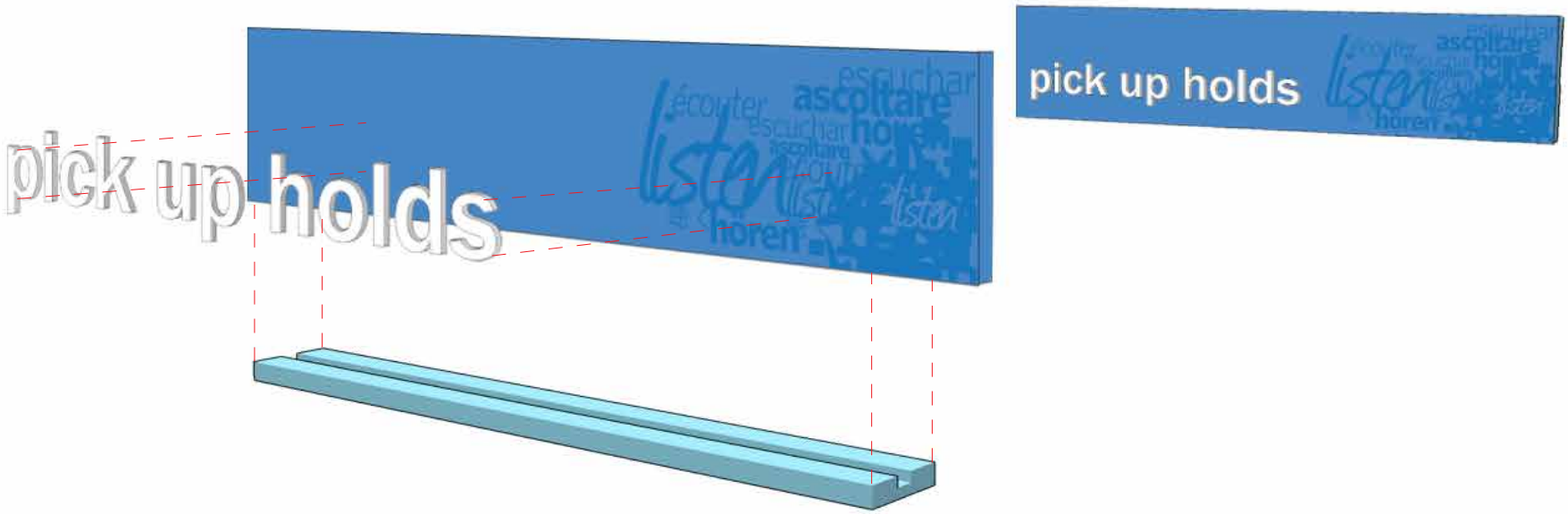
Expanded Isometric View

Typical Suspended Sign



Expanded Isometric View

Typical Stationary Sign

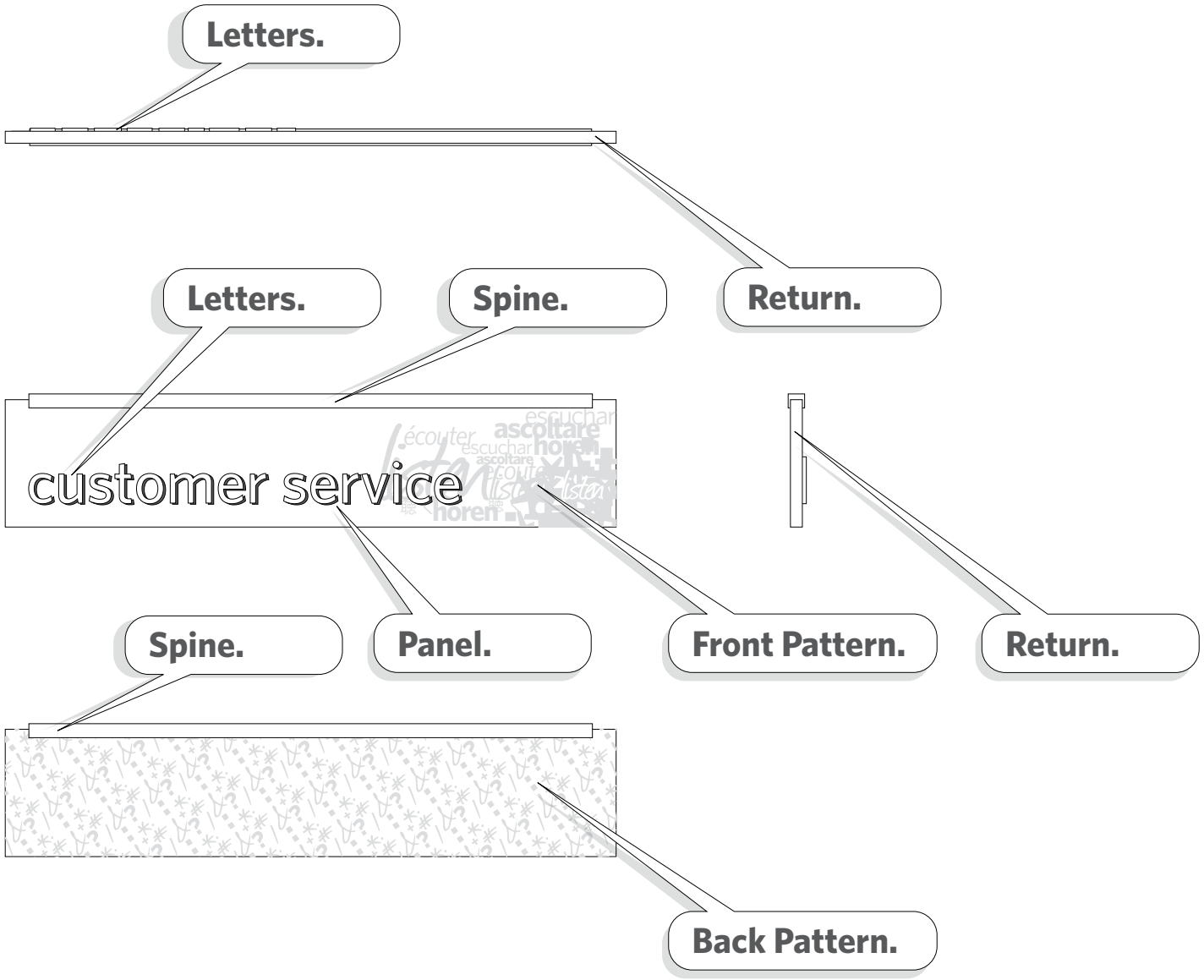


Part Three: Sign Drawings

Each sign type includes elevation and side views, message options and a page of written description that outlines the standards in a verbal format.

- Service Related and Interior Building Signs
- General/Adult Collection Signs
- Children's Collection Signs
- Exterior Building Signs

Detail Drawing Terminology



Service Related and Interior Building Signage

Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.A	Primary Service Identity Sign 7′-6″ x 1′-6″ x 2 1/2″	Panel to be P8 Returns of panel to be P10 Pattern to be P9 Spine to be P10 Letters to be P4 Thought Bubble Panel to be P11	1. customer service	Single sided; Front = #2 Back = #6 Double sided; Front = #2 Back = #2	- See page 49 for sign specifications. - See page 48 for attachment options.
i.B	Secondary Service Identity Sign 5′-0″ x 1′-0″ x 1 1/2″	Panel to be P8 Returns of panel to be P10 Pattern to be P9 Spine to be P10 Letters to be P4 Thought Bubble Panel to be P11	1. customer service 2. ask us	Single sided; Front = #2 Back = #6 Double sided; Front = #2 Back = #2	- See page 50 for sign specifications. - See page 48 for attachment options. - See page 51 for wall placement
i.C	Tertiary Service Identity Signs 2′-6″ x 6″ x 1″	Panel to be P8 Returns of panel to be P10 Pattern to be P9 Spine to be P10 Letters to be P4 Thought Bubble Panel to be P11	1. computers/internet	Single sided; Front = #2 Back = #6 Double sided; Front = #2 Back = #2	- See page 52 for sign specifications. - See page 48 for attachment options.
i.D	“Thought Bubble” Sign Panel (See “Thought Bubble” guidelines for size requirements.)	Letters to be P4 Thought Bubble Panel to be P11, or P6 P15 P19	Determined by staff.	Both sides; No Pattern.	- See page 53 for sign specifications. - See page 48 for attachment options. Note: If this sign type is not attached to a sign panel sign it should only use attachment method 2, see page 48.

* All messaging to be finalized and approved by the Departmental Signage Coordinator prior to fabrication.
** See page 20 for pattern references.

Service Related and Interior Building Signage (cont.)

Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.E	Small Directional 2′-0″ x 6″ x 3/4″	Panel to be P1 Pattern to be P2 Spine to be P3 Letters to be P4	Directing customers to amenities such as; 1. Restrooms 2. Meeting Room 3. Telephone All final messaging to come from CoLAPL.	Single sided; Front = #1 Back = #5 Double sided; Front = #1 Back = #1	- See page 54 for sign specifications. - See page 48 for attachment options. Note: This sign type should only use attachment detail option #1 or #2.
i.F	Large Directional 3′-9″ x 1′-0″ x 1 3/4″	Panel to be P1 Pattern to be P2 Spine to be P3 Letters to be P4	Directing customers to primary services and collections. All final messaging to come from CoLAPL.	Single sided; Front = #1 Back = #5 Double sided; Front = #1 Back = #1	- See page 55 for sign specifications. - See page 48 for attachment options. Note: This sign type should only use attachment detail option #1 or #2.
i.G	Large Movable Floor Directional 2′-3″ x 5′-8″ x 1′-8″	Panel to be P1 Pattern to be P2 Spine to be P3 Letters to be P4	Directing customers to primary services and collections or rules and regulations copy. All final messaging to come from CoLAPL.	Single-Sided sign Front = #1	- See page 56 for sign specifications.
i.H	Rules and Regulations 1′-11″ x 5′-0″ x 1′-8″	Panel to be P1 Pattern to be P2 Spine to be P3 Letters to be P4	Directing customers to primary services and collections or rules and regulations copy. All final messaging to come from CoLAPL.	No Pattern.	- See page 57 for sign specifications.

* All messaging to be finalized and approved by the Departmental Signage Coordinator prior to fabrication.
** See page 20 for pattern references.

Service Related and Interior Building Signage (cont.)

Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.J	Room Plaques 10″ x 6″ x 3/4″	Panel to be P1 Pattern to be P2 Spine to be P3 Letters to be P4	1. Meeting Room 2. Staff 3. Stairs 4. Kitchen 5. Study Room 6. Staff Lounge 7. Custodian All final copy to comply with local codes.	Single-Sided sign Front = #1	- See page 58 for sign specifications.
i.K	Emergency Exit Plaque 10″ x 9 1/2″ x 3/4″	Panel to be P6 Spine to be P3 Letters to be P4	Door Plaque All final copy to comply with local codes.	No Pattern.	- See page 59 for sign specifications.
i.L	Emergency Exit Door Graphic TBD″ x 4 1/2″ x 1/16″	Panel to be P6 Spine to be P3 Letters to be P4	Vinyl Door Graphic All final copy to comply with local codes.	No Pattern.	- See page 59 for sign specifications.
i.M	Fire Extinguisher Plaque 11″ x 2′-2″ x 3/4″	Panel to be P6 Spine to be P3 Letters to be P4	1. Fire Extinguisher 2. Sustantivo Extinguidor 3. Additional safety information to be provided by others. All final copy to comply with local codes.	No Pattern.	- See page 60 for sign specifications.
i.N	Restroom Plaques 9 1/2″ x 1′-1″ x 3/4″	Panel to be P3 Pattern to be P5 Spine to be P1 Letters to be P4	1. Men 2. Women 3. Family	Single-Sided sign; Front = Custom	- See page 61 and 61A for sign specifications. Note: Sign to comply with all ADA regulations.

* All messaging to be finalized and approved by the Departmental Signage Coordinator prior to fabrication.
** See page 20 for pattern references.

Service Related and Interior Building Signage (cont.)

Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.P	Restroom Door Sign 1′-0″ x 1′-0″ x 1/2″	Panel to be P1 Symbol to be P4	No Messaging.	No Pattern.	- See page 61B for sign specifications. Note: Sign to comply with ADA all regulations.
i.Q	Restroom Door Graphic 2′-6″(+/-) x 6′-8″(+/-) x 1/16″	Graphic to be Avery Graphics, True Shadow Vinyl. V3	No Messaging.	No Pattern.	- See page 62 for sign specifications.

* All messaging to be finalized and approved by the Departmental Signage Coordinator prior to fabrication.
** See page 20 for pattern references.

General / Adult Collection Signs

Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.R	Primary Collection Identity Sign 7′-6″ x 1′-6″ x 2 1/2″	Panel to be P12 Returns of panel to be P14 Pattern to be P13 Spine to be P14 Letters to be P4 Thought Bubble Panel to be P15	1. magazines 2. nonfiction 3. fiction All copy to be approved by CoLAPL.	Single sided; Front = #3 Back = #7 Double sided; Front = #3 Back = #3	- See page 49 for sign specifications. - See page 48 for attachment options.
i.S	Secondary Collection Identity Sign 5′-0″ x 1′-0″ x 1 1/2″	Panel to be P12 Returns of panel to be P14 Pattern to be P13 Spine to be P14 Letters to be P4 Thought Bubble Panel to be P15	1. media zone 2. magazines 3. nonfiction 4. fiction All copy to be approved by CoLAPL.	Single sided; Front = #3 Back = #7 Double sided; Front = #3 Back = #3	- See page 50 for sign specifications. - See page 48 for attachment options. - See page 51 for wall placement
i.T	Tertiary Collection Identity Sign 2′-6″ x 6″ x 1″	Panel to be P12 Returns of panel to be P14 Pattern to be P13 Spine to be P14 Letters to be P4 Thought Bubble Panel to be P15	1. magazines 2. reference books All copy to be approved by CoLAPL.	Single sided; Front = #3 Back = #7 Double sided; Front = #3 Back = #3	- See page 52 for sign specifications. - See page 48 for attachment options.

* All messaging to be finalized and approved by the Departmental Signage Coordinator prior to fabrication.
** See page 20 for pattern references.

General / Adult Collection Signs (cont.)

Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.U	Book Stack End Panels 11 1/2" x 1'-6 1/4" x 1/4"	Panel to be P12 Pattern to be P13 Letters to be P4	TBD by each individual community library based on their needs. All copy to be approved by CoLAPL.	Single sided; Front = #3	- See page 63 for sign specifications.
i.V	Intra-Shelf Sign "Panel" 11" x 1'-2" x 1/18"	Panel to be P12 Letters to be P4	TBD and approved by CoLAPL.	No Pattern.	- See page 64 for sign specifications.
i.RR	General/ Adult Collection Blade Sign	Panel to be P12 Spine to be P14 Letters to be P4 Color to be determined by CoLAPL.	TBD and approved by CoLAPL.	No Pattern.	- See page 5 Addendum #2 for sign specifications.

* All messaging to be finalized and approved by the Departmental Signage Coordinator prior to fabrication.
** See page 20 for pattern references.

Children's Collection Signs

Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.X	Primary Collection Identity Sign 7'-6" x 1'-6" x 2 1/2"	Panel to be P16 Returns of panel to be P18 Pattern to be P17 Spine to be P18 Letters to be P4 Thought Bubble Panel to be P19	1. children's area All copy to be approved by CoLAPL.	Single sided; Front = #4 Back = #8 Double sided; Front = #4 Back = #4	- See page 49 for sign specifications. - See page 48 for attachment options.
i.Y	Secondary Collection Identity Sign 5'-0" x 1'-0" x 1 1/2"	Panel to be P16 Returns of panel to be P18 Pattern to be P17 Spine to be P18 Letters to be P4 Thought Bubble Panel to be P19	1. family place All copy to be approved by CoLAPL.	Single sided; Front = #4 Back = #8 Double sided; Front = #4 Back = #4	- See page 50 for sign specifications. - See page 48 for attachment options. - See page 51 for wall placement
i.Z	Tertiary Collection Identity Sign 2'-6" x 6" x 1"	Panel to be P16 Returns of panel to be P18 Pattern to be P17 Spine to be P18 Letters to be P4 Thought Bubble Panel to be P19	1. magazines 2. family place All copy to be approved by CoLAPL.	Single sided; Front = #4 Back = #8 Double sided; Front = #4 Back = #4	- See page 52 for sign specifications. - See page 48 for attachment options.
i.AA	Book Stack End Panels 11 1/2" x 1'-6 1/4" x 1/4"	Panel to be P16 Pattern to be P17 Letters to be P4	TBD by each individual community library based on its needs. All copy to be approved by CoLAPL.	Single sided; Front = #4	- See page 63 for sign specifications.
i.BB	Intra-Shelf Sign "Panel" 11" x 1'-2" x 1/18"	Panel to be P16 Letters to be P4	TBD and approved by CoLAPL.	No Pattern.	- See page 64 for sign specifications.
i.SS	Children Collection Blade Sign	Panel to be P16 Spine to be P18 Letters to be P4 Color to be determined by CoLAPL.	TBD and approved by CoLAPL.	No Pattern.	- See page 5 Addendum #2 for sign specifications.

* All messaging to be finalized and approved by the Departmental Signage Coordinator prior to fabrication.

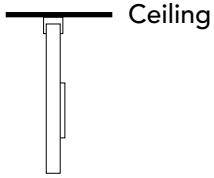
** See page 20 for pattern references.

Panel Sign Attachment Options and Details

1 Flush Ceiling Mounted



Typ. Front View



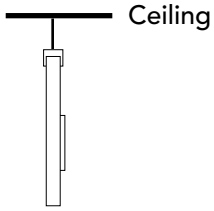
Typ. Side View

Notes:
-Sign to be flush mounted to ceiling through spine of sign type.
- Any visable fasteners to be located on the secondary side of the sign, if needed.

2 Cable Suspended Ceiling Mounted



Typ. Front View



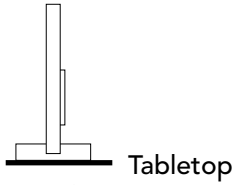
Typ. Side View

Notes:
- Sign to be mounted to ceiling with airline cables, the number of cables will be determined by the overall weight and length of the sign.
- No exposed fasteners.
- Height to bottom of sign to be determined on site, based on conditions within each library.

3 Stationary Tabletop



Typ. Front View



Typ. Side View

Notes:
- Sign to have the ability to be portable and not fastened to any surface. Sign may have security fasteners to surface if located overhead. If security fasteners are used they must not be visable.
- Sign base width to be 1/2 the overall height of the primary sign panel.
- Felt pads added on base underside for protection of tabletop or hard surfaces.

i.A- Primary Service Identity Sign

Sign Drawing



Panel returns to be painted to match spine color.

1 Primary Service Identity Sign
Bottom View; Scale: 1/2"=1'-0"

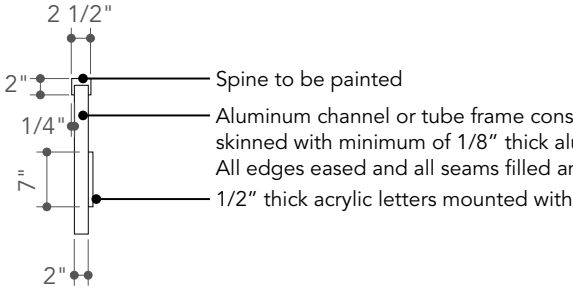
Notes:
- All fasteners concealed, unless using mounting option #1, see page 49 for details.
- Mounting spine to be aluminum channel min 1/4" walls.
- Any gaps between panel and spine to be filled – maximum 1/32" tolerance.
- When signs are accessible, spray background with a graffiti clear coat.



Pattern used to be coordinated with sign type and messaging. (See page 20 for pattern details.)

2 Primary Service Identity Sign
Front View; Scale: 1/2"=1'-0"

*Note: All dimensions to be same if Double-Sided Option is implemented.

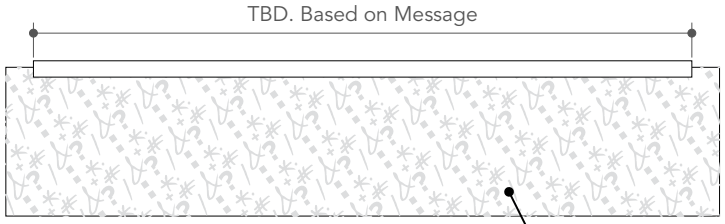


Spine to be painted

Aluminum channel or tube frame construction, skinned with minimum of 1/8" thick aluminum plate. All edges eased and all seams filled and ground smooth.

1/2" thick acrylic letters mounted with silicone and security pins.

4 Primary Service Identity Sign
Both Side Views; Scale: 1/2"=1'-0"



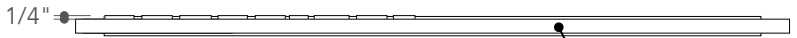
Tone on tone wallpaper pattern on back of sign. (See page 20 for pattern details.)

3 Primary Service Identity Sign
Back View - Single-Sided;
Scale: 1/2"=1'-0"



5 Primary Service Identity Sign
Back View - Double-Sided;
Scale: 1/2"=1'-0"

i.B- Secondary Service Identity Sign



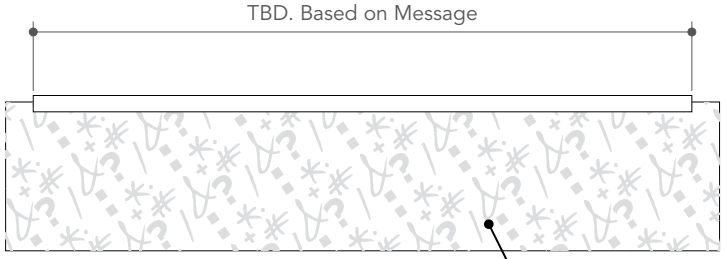
Panel returns to be painted to match spine color.

1 Secondary Service Identity Sign
Bottom View; Scale: 3/4"=1'-0"



Pattern used to be coordinated with sign type and messaging. (See page 20 for pattern details.)

2 Secondary Service Identity Sign
Front View; Scale: 3/4"=1'-0"
*Note: All dimensions to be same if Double-Sided Option is implemented.

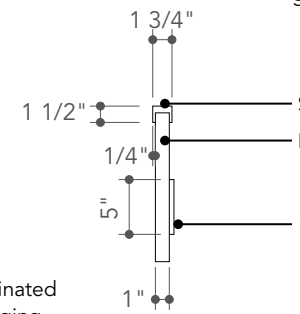


Tone on tone wallpaper pattern on back of sign. (See page 20 for pattern details.)

3 Secondary Service Identity Sign
Back View - Single-Sided;
Scale: 3/4"=1'-0"

Sign Drawings for i.S and i.Y Secondary Collection Identity Sign

Notes:
- All fasteners concealed, unless using mounting option #1, see page 49 for details.
- Mounting spine to be aluminum channel min 1/4" walls.
- Any gaps between panel and spine to be filled – maximum 1/32" tolerance.
- When signs are accessible, spray background with a graffiti clear coat.



Spine to be painted.

Painted acrylic panel.

1/4" thick acrylic letters mounted with silicone and security pins.

4 Secondary Service Identity Sign
Both Side Views; Scale: 3/4"=1'-0"

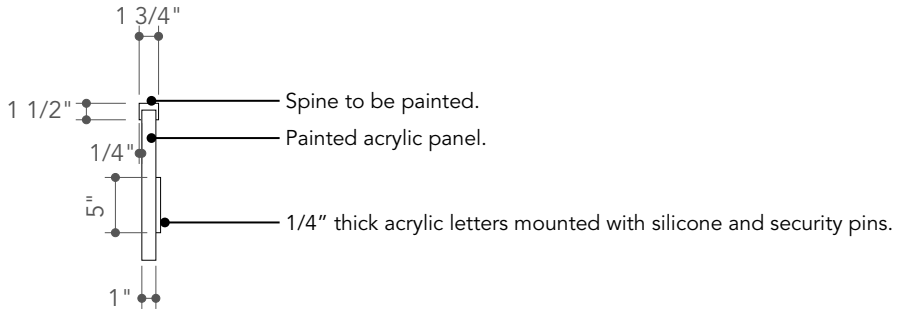


5 Secondary Service Identity Sign
Back View - Double-Sided;
Scale: 3/4"=1'-0"

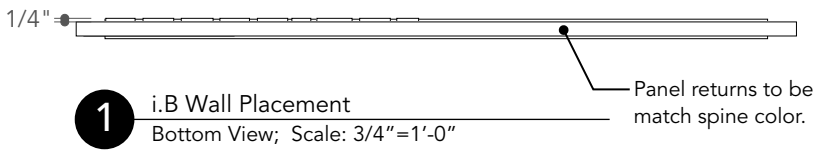
i.B- Secondary Service Identity Sign Wall Placement

Sign Drawings for i.S and i.Y Secondary Collection Identity Sign

Notes:
- All fasteners concealed, unless using mounting option #1, see page 49 for details.
- Mounting spine to be aluminum channel min 1/4" walls.
- Any gaps between panel and spine to be filled – maximum 1/32" tolerance.
- When signs are accessible, spray background with a graffiti clear coat.



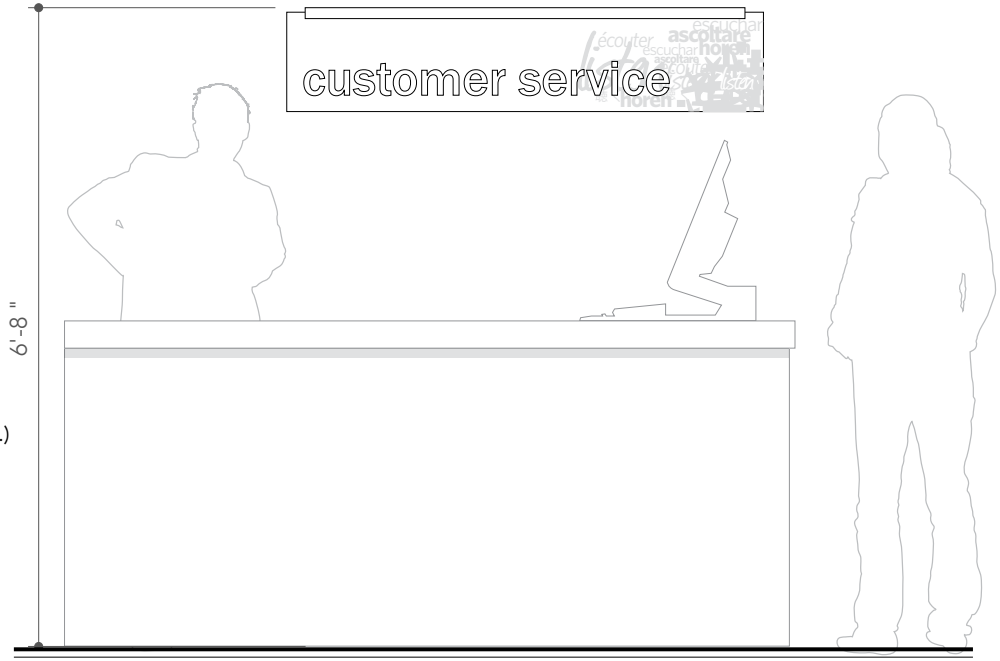
3 i.B Wall Placement
Both Side Views; Scale: 3/4"=1'-0"



1 i.B Wall Placement
Bottom View; Scale: 3/4"=1'-0"



2 i.B Wall Placement
Front View; Scale: 3/4"=1'-0"



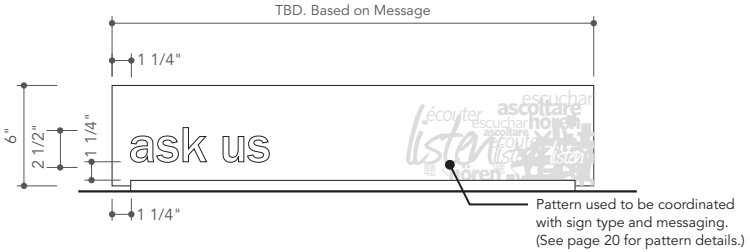
4 i.B Wall Placement
Front Elevation View; Scale: 1/2"=1'-0"

i.C- Tertiary Service Identity Sign

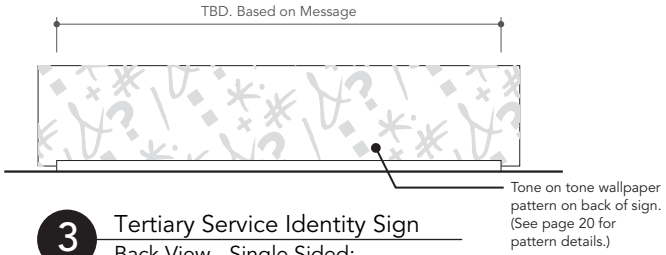
Sign Drawings



1 Tertiary Service Identity Sign
Bottom View; Scale: 1”=1’-0”



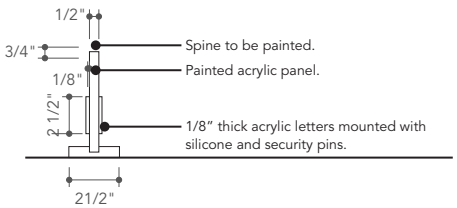
2 Tertiary Service Identity Sign
Front View; Scale: 1”=1’-0”
*Note: All dimensions to be same if Double-Sided Option is implemented.



3 Tertiary Service Identity Sign
Back View - Single Sided;
Scale: 1 1/2”=1’-0”

Sign Drawings for i.T and i.Z Tertiary Collection Identity Sign

Notes:
- All fasteners concealed, unless using mounting option #1, see page 49 for details.
- Mounting spine to be aluminum channel min 1/4” walls.
- Any gaps between panel and spine to be filled – maximum 1/32” tolerance.
- When signs are accessible, spray background with a graffiti clear co



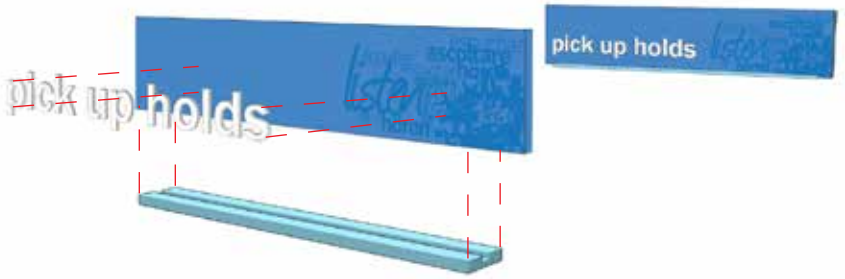
4 Tertiary Service Identity Sign
Back View - Single Sided;
Scale: 1 1/2”=1’-0”



5 Tertiary Service Identity Sign
Back View - Double Sided;
Scale: 1 1/2”=1’-0”

Panel Sign Summary

Construction Diagram



1



Typ. Front View
Typ. Side View

Notes:
- Sign to have the ability to be portable and not fastened to any surface. Sign may have security fasteners to surface if located overhead. If security fasteners are used they must not be visable.
- Sign base width to be 1/2 the overall height of the primary sign panel.
- Felt pads added on base underside for protection of tabletop or hard surfaces.

2



Typ. Front View
Typ. Side View

Notes:
- Sign to be mounted to ceiling with airline cables, the number of cables will be determined by the overall weight and length of the sign.
- No exposed fasteners.
- Height to bottom of sign to be determined on site, based on conditions within each library.

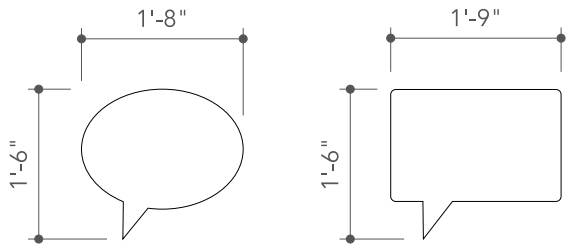
3



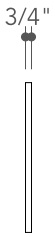
Typ. Front View
Typ. Side View

Notes:
-Sign to be flush mounted to ceiling through spine of sign type.
- Any visable fasteners to be located on the secondary side of the sign, if needed.

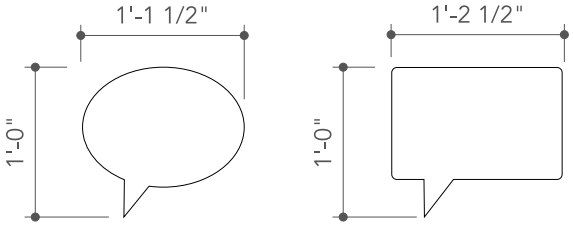
i.D - “Thought Bubble” Sign Panel



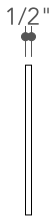
1 Large “Thought Bubble”
Front View; Scale: 1/2”=1’-0”



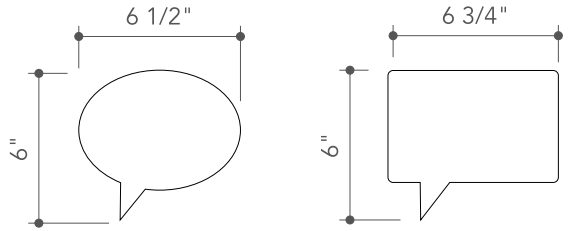
2 Large “Thought Bubble”
Side View; Scale: 1/2”=1’-0”



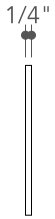
3 Medium “Thought Bubble”
Front View; Scale: 3/4”=1’-0”



4 Medium “Thought Bubble”
Side View; Scale: 3/4”=1’-0”



5 Small “Thought Bubble”
Front View; Scale: 1 1/2”=1’-0”



6 Small “Thought Bubble”
Side View; Scale: 1 1/2”=1’-0”

Notes:
- Painted acrylic “thought bubble” to have vinyl lettering to match P4 applied prior to clearcoat.
- If attaching to a Large, Medium or Small Sign Panel see “thought bubble” placement and copy guidelines for prior to fabrication. Panel to be painted according to sign schedule. Attach bubble to panel with silicone and security pins.
- See attachment #2 on page 49 if this sign type is going to be suspended by itself.
- When signs are accessible, spray bubble with a graffiti clearcoat.

i.E - Small Directional



Panel returns to be painted to match spine color.

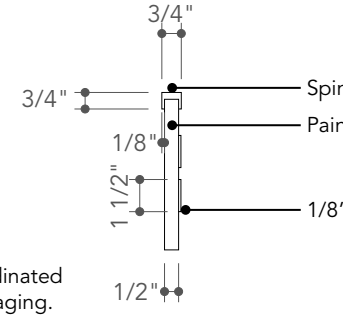
1 i.E Small Directional
Bottom View; Scale: 1 1/2"=1'-0"

Notes:
- All fasteners concealed, unless using mounting option #1. It is recommended that this sign type use mounting option #1 or #2 only. See page 49 for details.
- Mounting spine to be aluminum channel min 1/8" walls.
- Any gaps between panel and spine to be filled – maximum 1/32" tolerance.
- When signs are accessible, spray background with a graffiti clear coat.



Pattern used to be coordinated with sign type and messaging. (See page 20 for pattern details.)

2 i.E Small Directional
Front View; Scale: 1 1/2"=1'-0"
*Note: All dimensions to be same if Double-Sided Option is implemented.

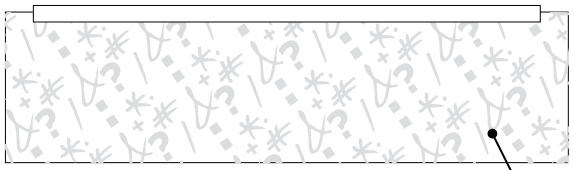


Spine to be painted.

Painted acrylic panel.

1/8" thick acrylic letters mounted with silicone and security pins.

4 i.E Small Directional
Both Side Views; Scale: 1 1/2"=1'-0"



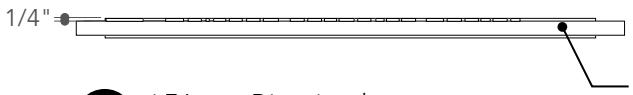
Tone on tone wallpaper pattern on back of sign. (See page 20 for pattern details.)

3 i.E Small Directional
Back View - Single-Sided;
Scale: 1 1/2"=1'-0"



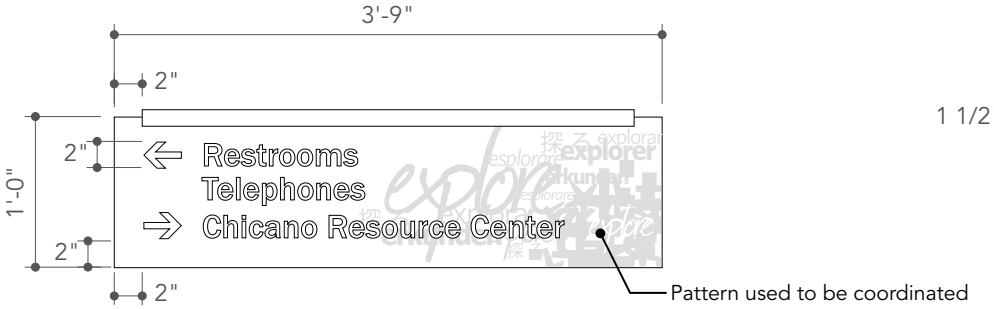
5 i.E SmallDirectional
Back View - Double-Sided;
Scale: 1 1/2"=1'-0"

i.F - Large Directional

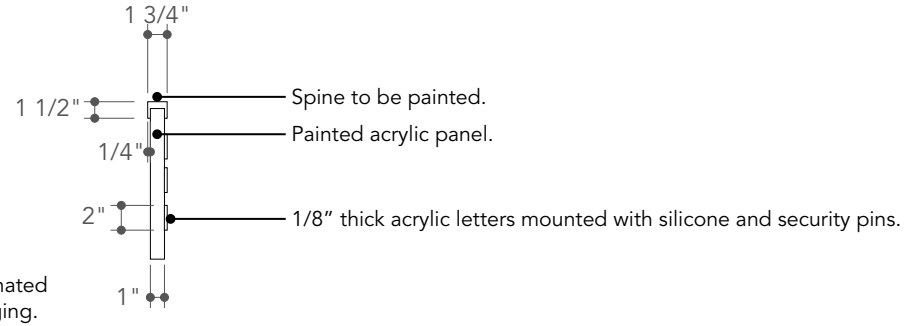


1 i.F Large Directional
Bottom View; Scale: 1 1/2"=1'-0"

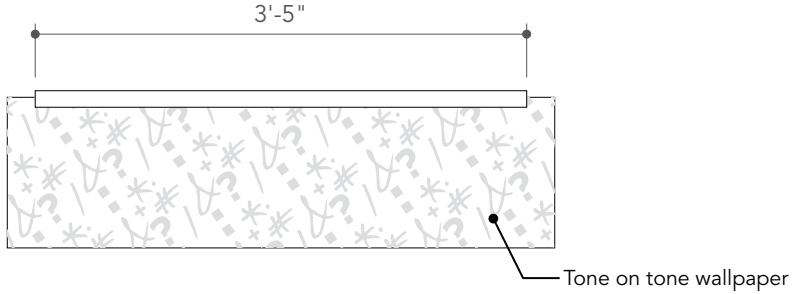
Notes:
- All fasteners concealed, unless using mounting option #1. It is recommended that this sign type use mounting option #1 or #2 only. See page 49 for details.
- Mounting spine to be aluminum channel min 1/8" walls.
- Any gaps between panel and spine to be filled – maximum 1/32" tolerance.
- When signs are accessible, spray background with a graffiti clear coat.



2 i.F Large Directional
Front View; Scale: 1 1/2"=1'-0"
*Note: All dimensions to be same if Double-Sided Option is implemented.



4 i.F Large Directional
Both Side Views; Scale: 1 1/2"=1'-0"

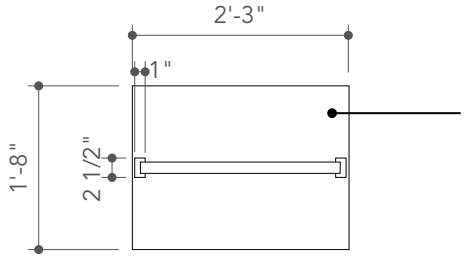


3 i.F Large Directional
Back View - Single-Sided;
Scale: 1 1/2"=1'-0"



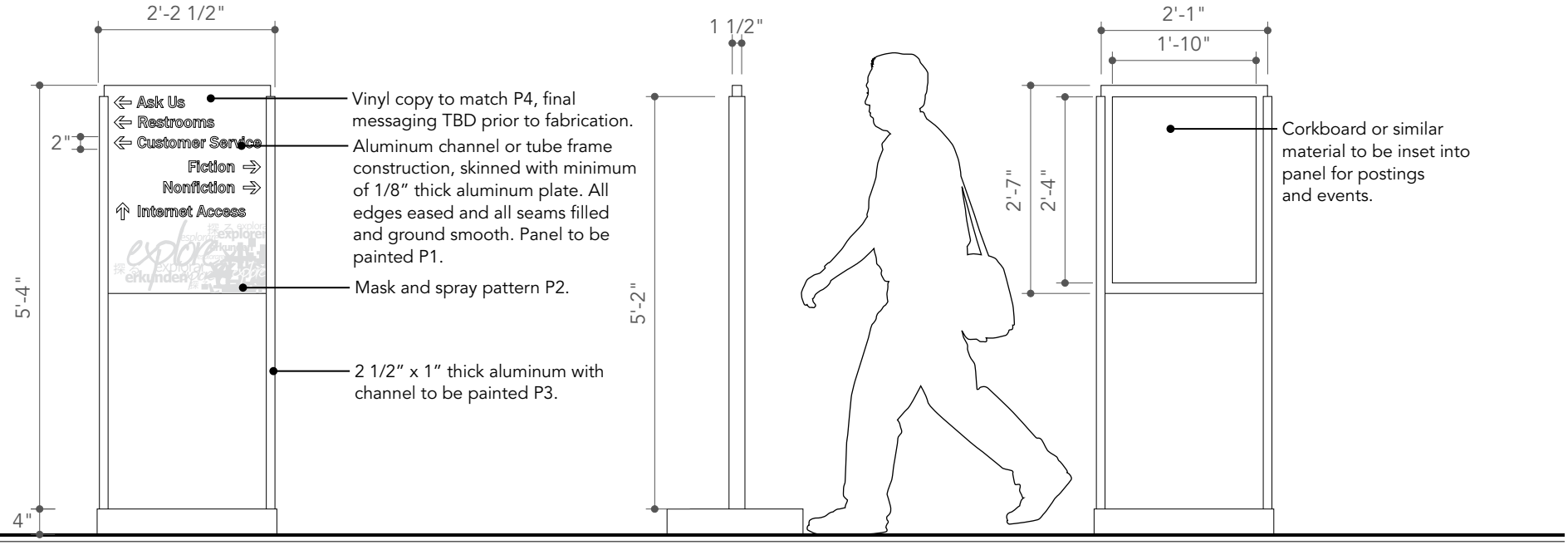
5 i.F Large Directional
Back View - Double-Sided;
Scale: 1 1/2"=1'-0"

i.G - Large Movable Directional



Notes:
- All edges eased and all seams filled and ground smooth.
- Sign background panel to be sprayed with a graffiti clear coat.

1 i.G Large Movable Directional
Bottom View; Scale: 1/2"=1'-0"

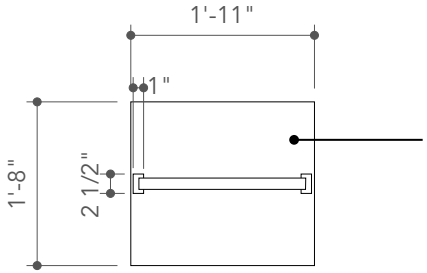


2 i.G Large Movable Directional
Front View; Scale: 1/2"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

3 i.G Large Movable Directional
Side Views; Scale: 1/2"=1'-0"

4 i.G Large Movable Directional
Back View; Scale: 1/2"=1'-0"

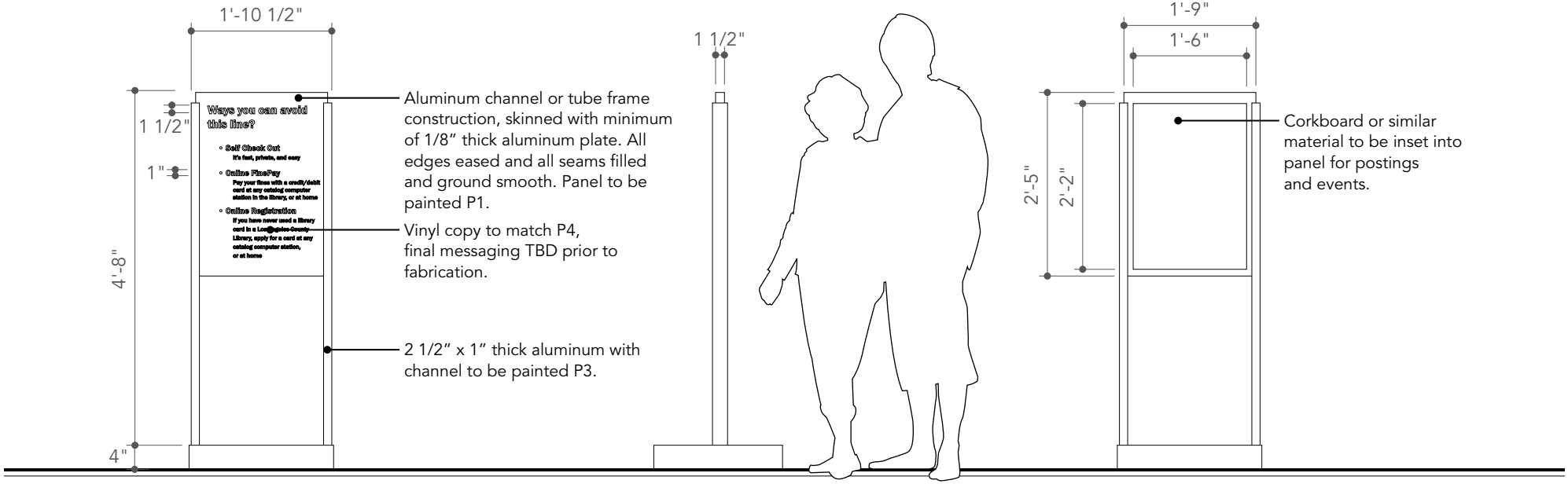
i.H - Rules and Regulations Sign



Fabricated aluminum base to be painted P3.
Base to be weighted to prevent sign from tipping over.

Notes:
- All edges eased and all seams filled and ground smooth.
- Sign background panel to be sprayed with a graffiti clear coat.

1 i.H Rules and Regulations
Bottom View; Scale: 1/2"=1'-0"



Aluminum channel or tube frame construction, skinned with minimum of 1/8" thick aluminum plate. All edges eased and all seams filled and ground smooth. Panel to be painted P1.

Vinyl copy to match P4, final messaging TBD prior to fabrication.

2 1/2" x 1" thick aluminum with channel to be painted P3.

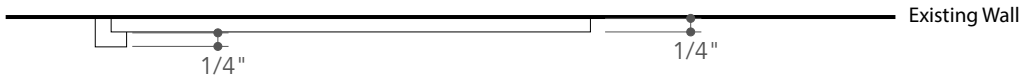
Corkboard or similar material to be inset into panel for postings and events.

2 i.H Rules and Regulations
Front View; Scale: 1/2"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

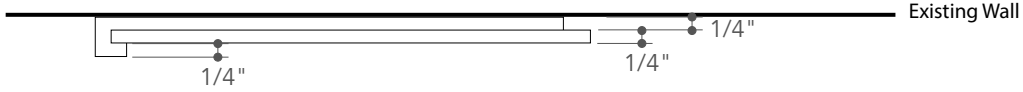
3 i.H Rules and Regulations
Side Views; Scale: 1/2"=1'-0"

4 i.H Rules and Regulations
Back View; Scale: 1/2"=1'-0"

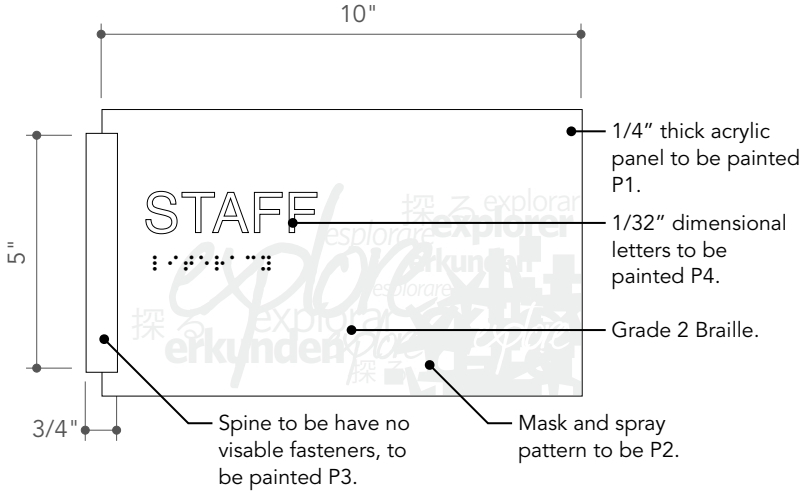
i.J - Room Plaques



1 i.J Room Plaques - Mounting Option #2
Top View; Scale: 3"=1'-0"

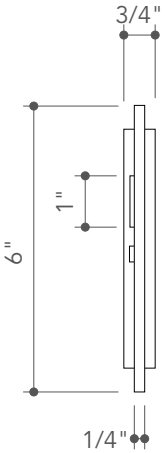


2 i.J Room Plaques - Mounting Option #1
Top View; Scale: 3"=1'-0"

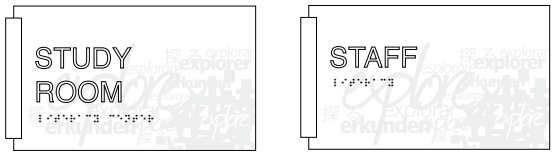


3 i.J Room Plaques
Front View; Scale: 3"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

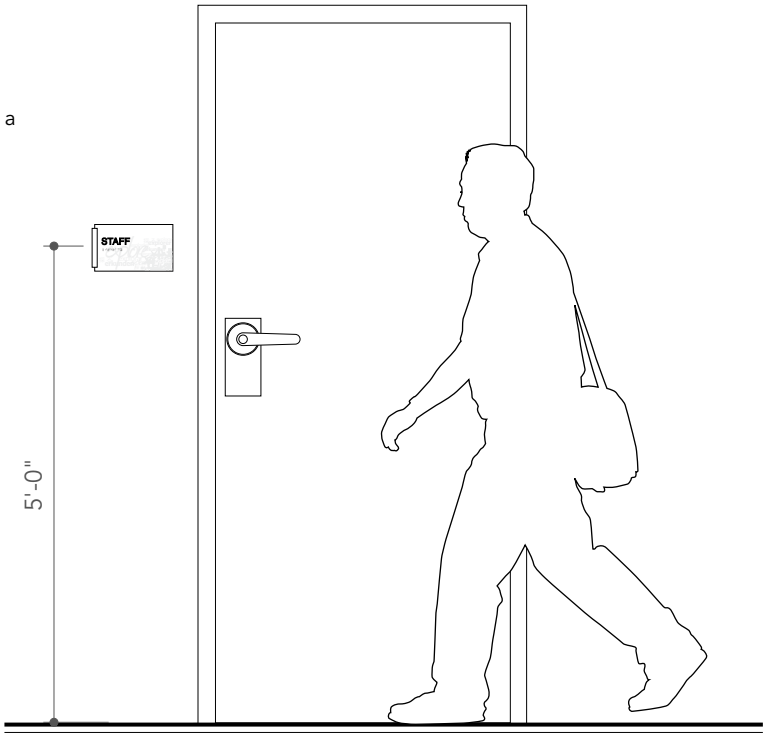
Note: When plaque is placed on glass, a separate panel the size of the entire sign should be placed on the inside of the glass in order to cover up exposed glue and back of sign



4 i.J Room Plaques
Side View; Scale: 3"=1'-0"

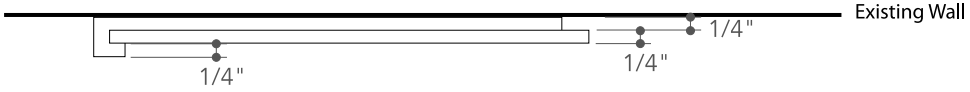


5 i.J Room Plaques
Front View; Scale: 1 1/2"=1'-0"

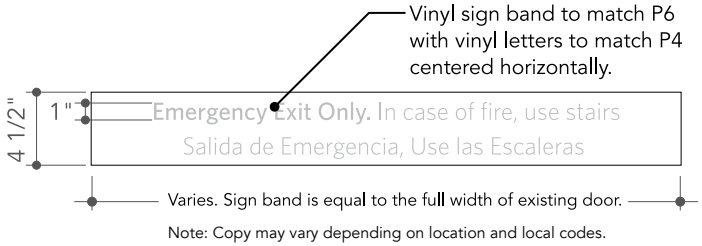


6 i.J Room Plaques
Front Elevation View; Scale: 1/2"=1'-0"

i.K - Emergency Exit Plaque
i.L - Emergency Exit Door Graphic

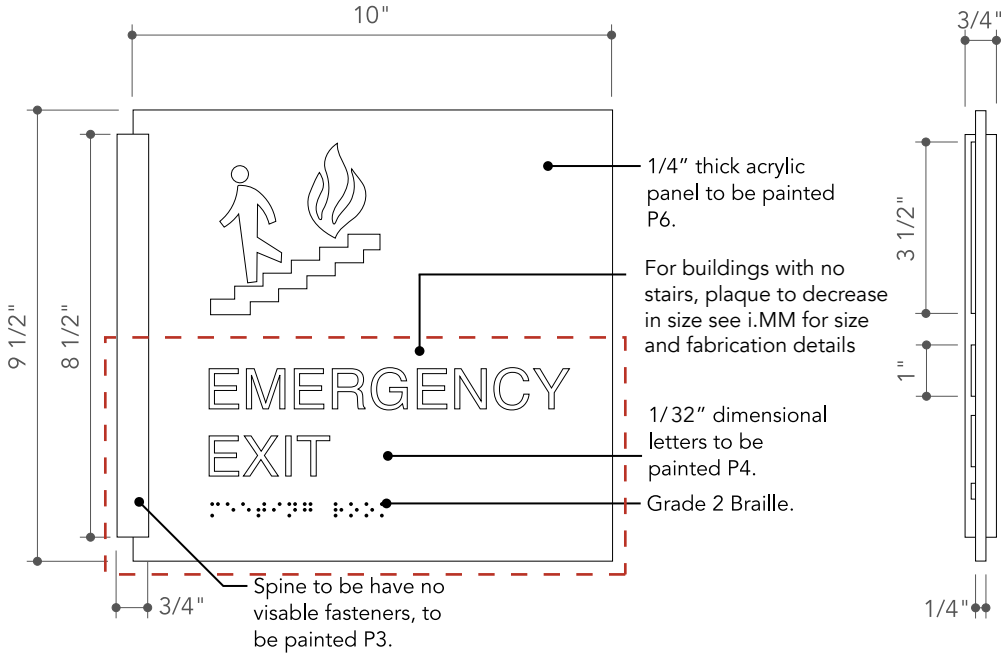


1 i.K Emergency Exit Plaque - Mounting Option #1
Top View; Scale: 3"=1'-0"



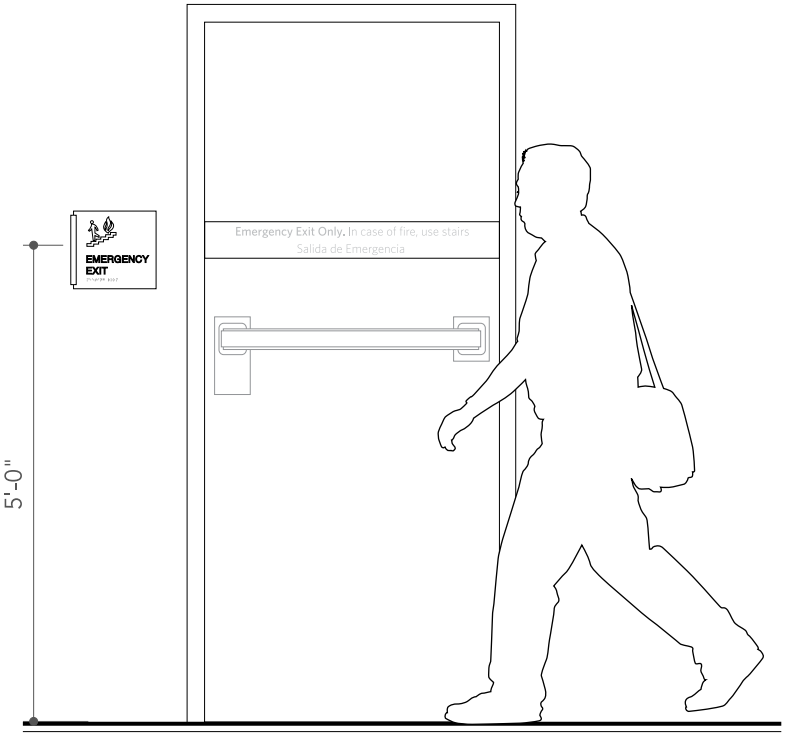
4 i.L Emergency Exit Door Graphic
Front Detail View; Scale: 1"=1'-0"

All emergency and evacuation signage needs to be approved per fire codes. All copy shown here is placeholder, and final copy needs to be provided per location by fire official.



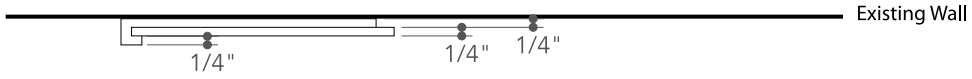
2 i.K Emergency Exit Plaque
Front View; Scale: 3"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

3 i.K Emergency Exit Plaque
Side View; Scale: 3"=1'-0"



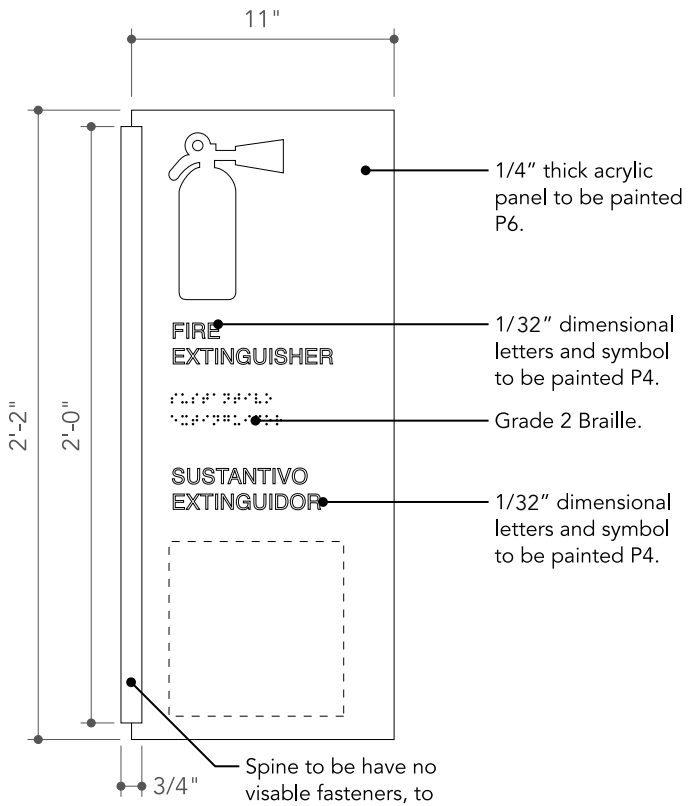
5 i.K Emergency Exit Plaque and i.L Door Graphic
Front Elevation View; Scale: 1/2"=1'-0"

i.M - Fire Extinguisher Plaque

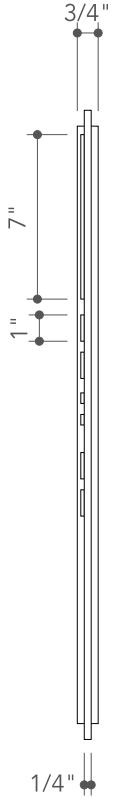


Notes:
- Sign to comply with all fire codes and regulations.
- Height of Braille must be no less than 48" and the baseline of the Tactile Text must be no greater 60"

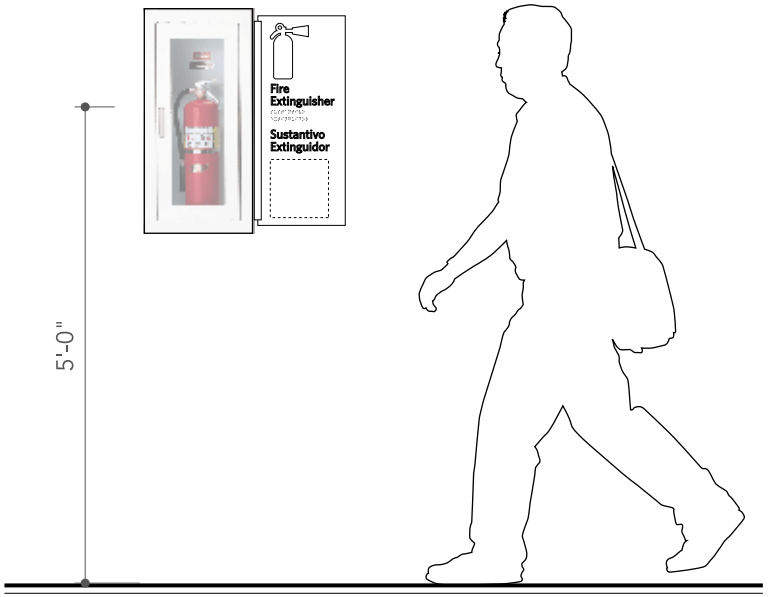
1 i.M Fire Extinguisher Plaque - Mounting Option #1
Top View; Scale: 1 1/2"=1'-0"



2 i.M Fire Extinguisher Plaque
Front View; Scale: 1 1/2"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

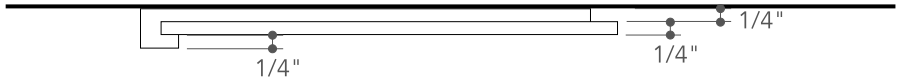


3 i.M Fire Extinguisher Plaque
Side View; Scale: 1 1/2"=1'-0"

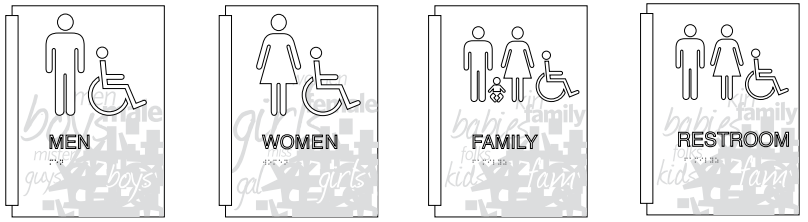


4 i.M Fire Extinguisher Plaque
Front Elevation View; Scale: 1/2"=1'-0"

i.N -Restroom Plaques

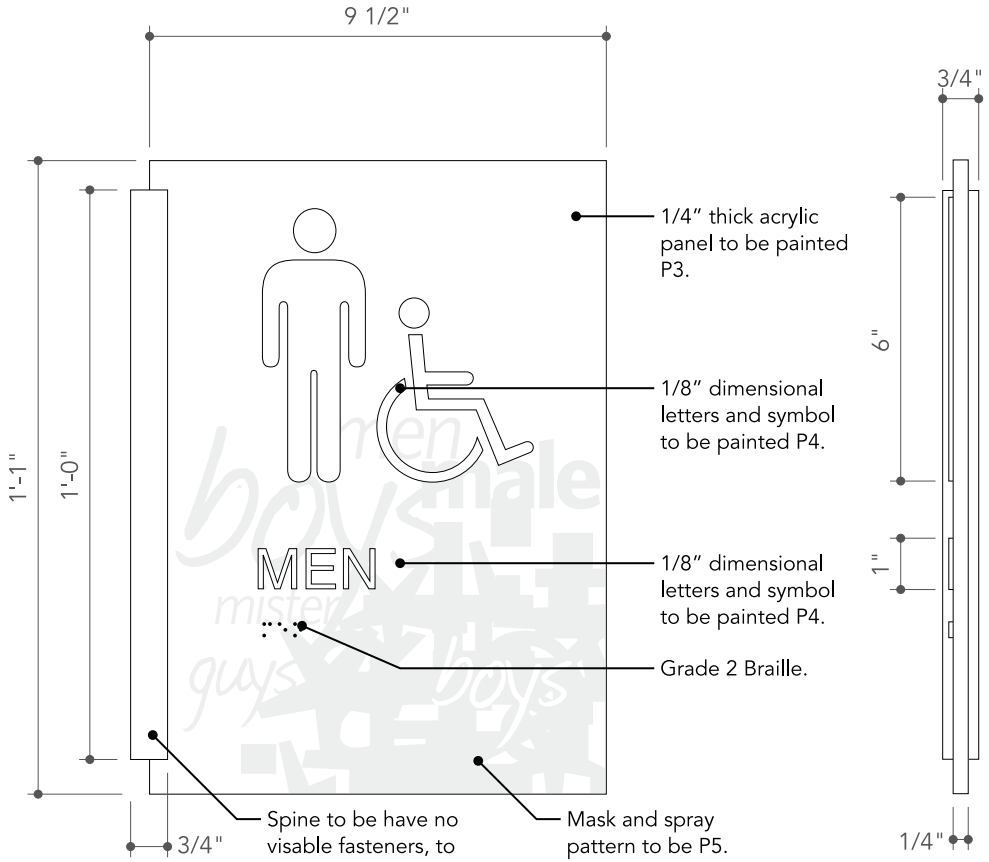


1 i.N Restroom Plaques - Mounting Option #1
Top View; Scale: 3"=1'-0"



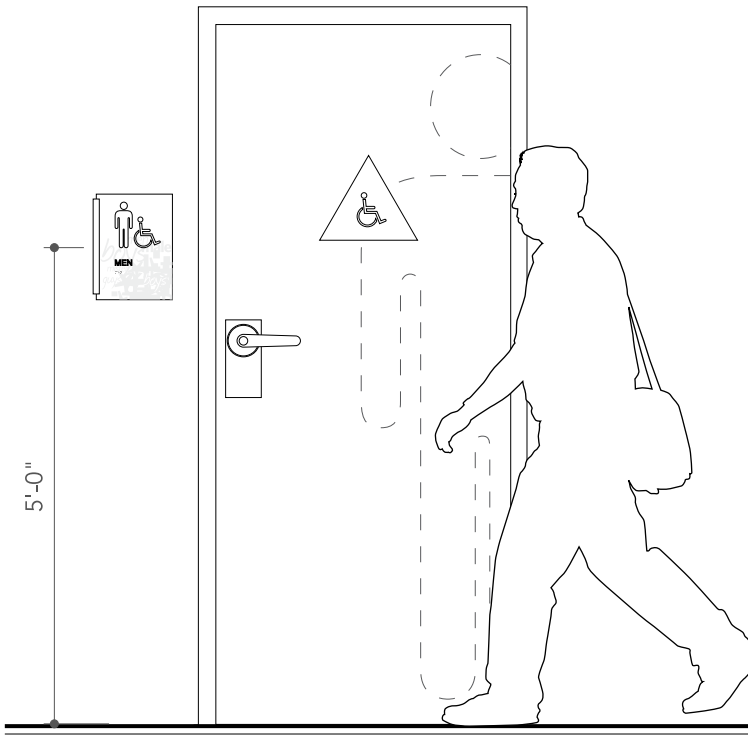
4-A 4-B 4-C 4-D

4 i.N Restroom Plaques
Front Elevation View; Scale: 1"=1'-0"



2 i.N Restroom Plaques
Front View; Scale: 3"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

3 i.N Restroom Plaques
Side View; Scale: 3"=1'-0"

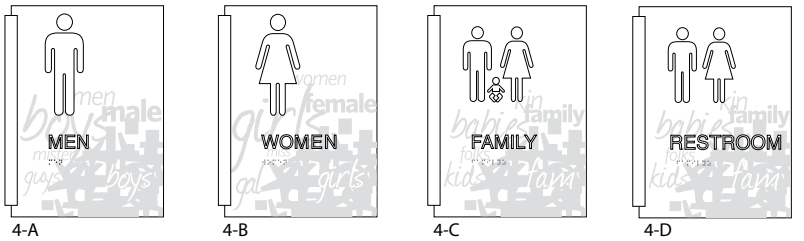


5 i.N Restroom Plaques
Front Elevation View; Scale: 1/2"=1'-0"

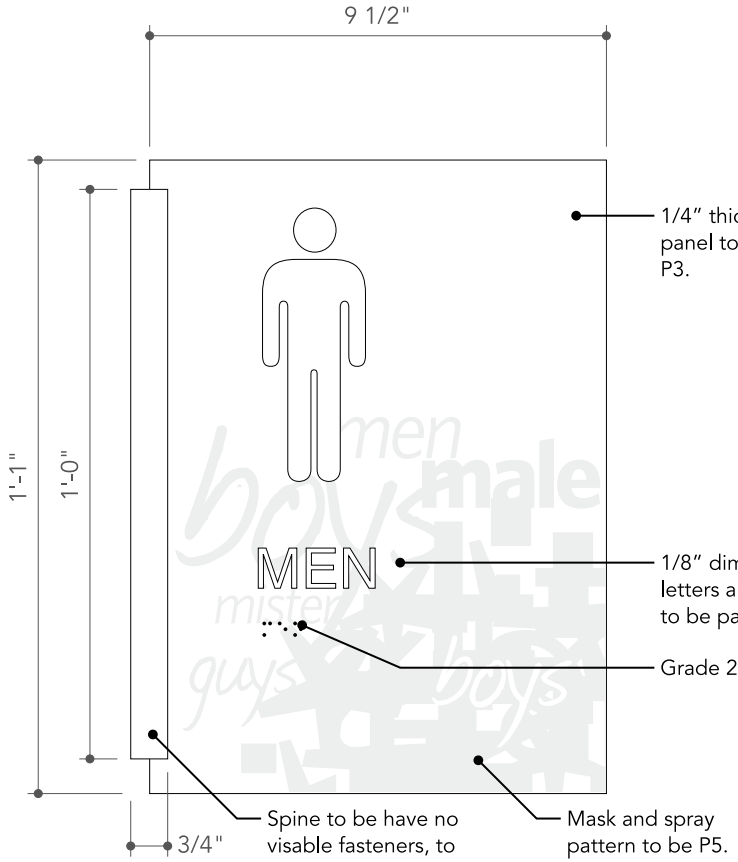
i.N -Restroom Plaques: wheelchair omitted



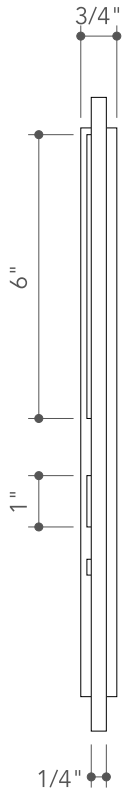
1 i.N Restroom Plaques - Mounting Option #1
Top View; Scale: 3"=1'-0"



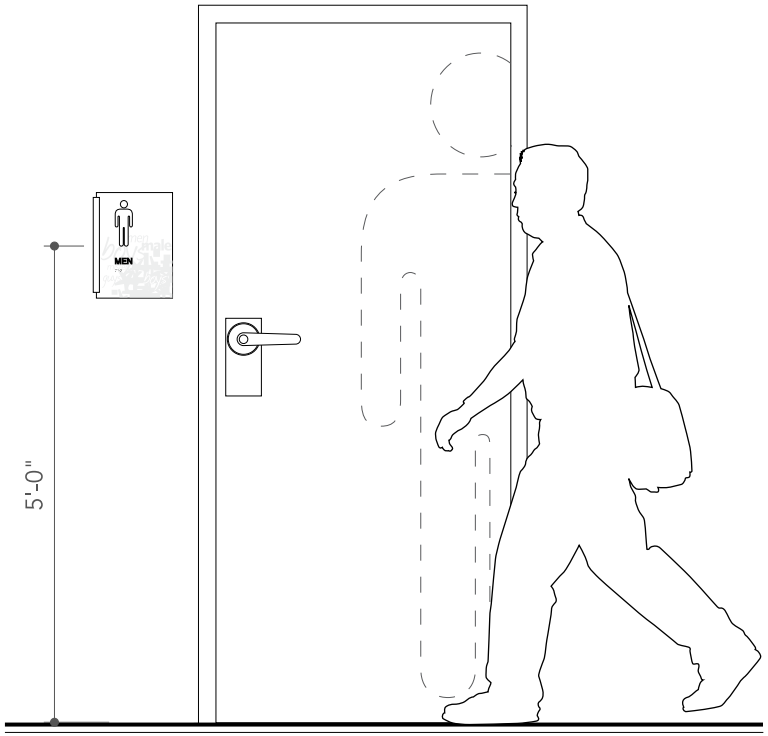
4 i.N Restroom Plaques
Front Elevation View; Scale: 1"=1'-0"



2 i.N Restroom Plaques
Front View; Scale: 3"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

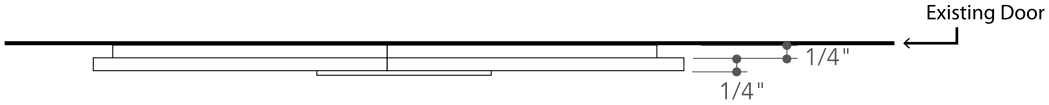


3 i.N Restroom Plaques
Side View; Scale: 3"=1'-0"

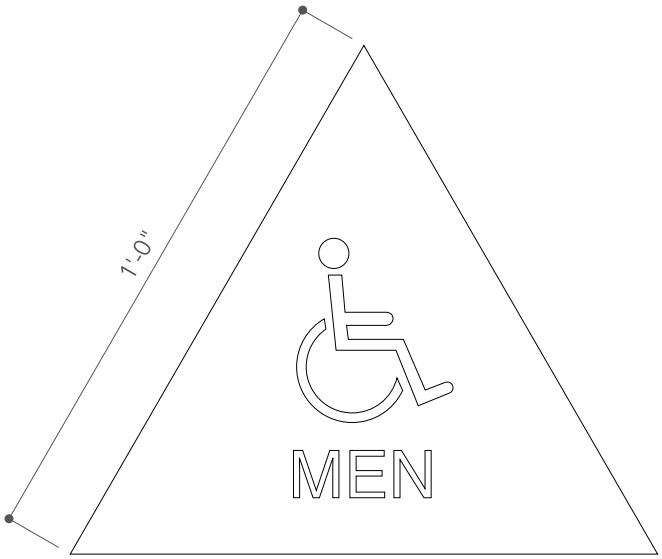


5 i.N Restroom Plaques
Front Elevation View; Scale: 1/2"=1'-0"

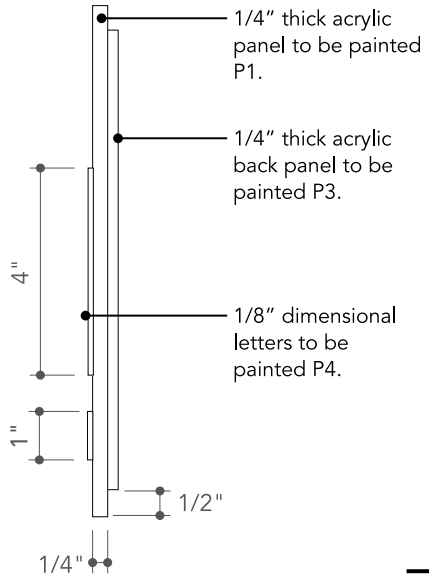
i.P - Restroom Door Sign



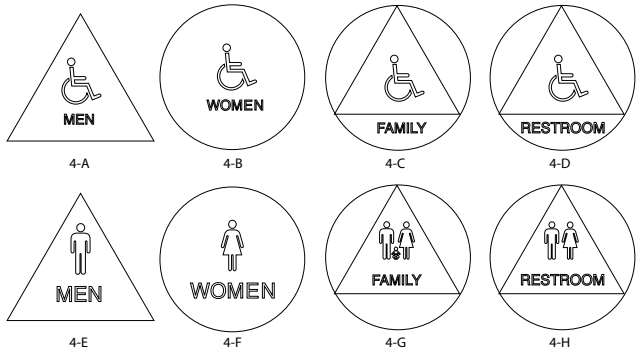
1 i.P Restroom Door Plaques
Top View; Scale: 3"=1'-0"



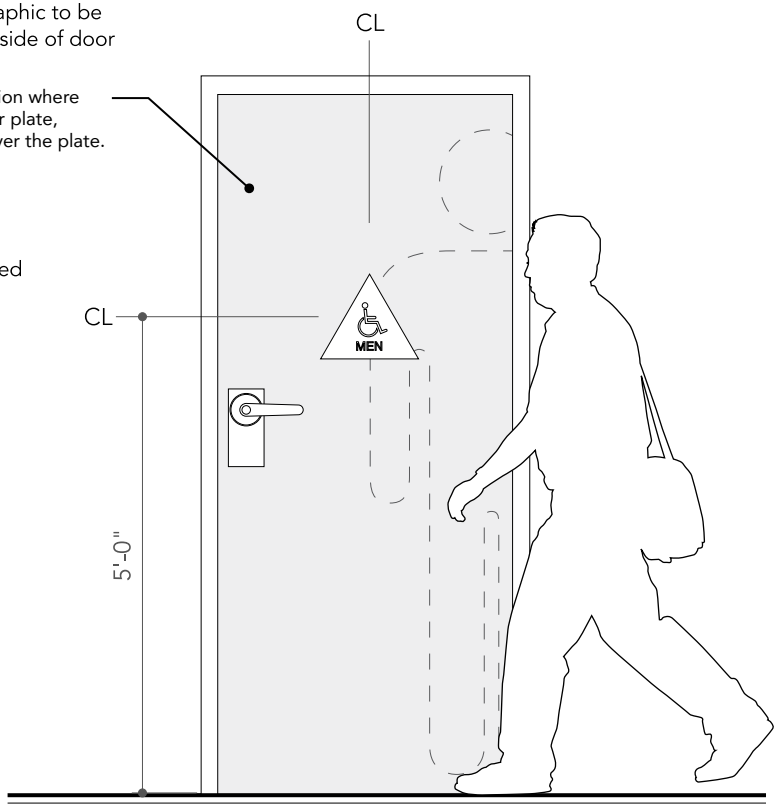
2 i.P Restroom Door Plaques
Front View; Scale: 3"=1'-0"



3 i.P Restroom Door Plaques
Side View; Scale: 3"=1'-0"

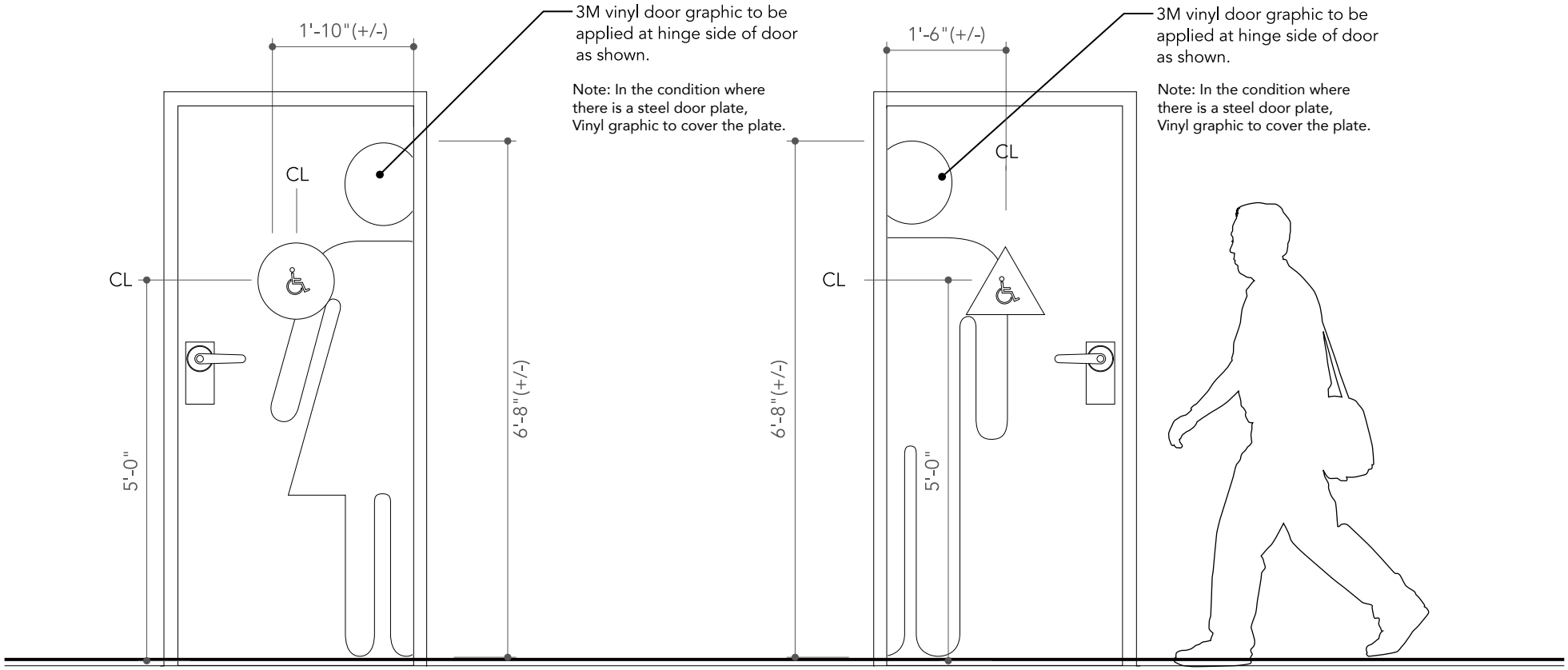


4 i.P Restroom Door Plaques
Front Detail View; Scale: 1"=1'-0"



5 i.P Restroom Door Plaques
Front Elevation View; Scale: 1/2"=1'-0"

i.Q - Restroom Door Graphic



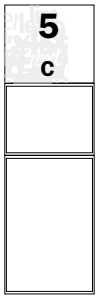
1 i.Q Restroom Door Graphic - Women
Front View; Scale: 1/2"=1'-0"

2 i.Q Restroom Door Graphic - Men
Front View; Scale: 1/2"=1'-0"

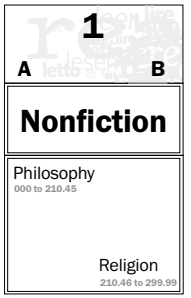
i.U - Book Stack End Panels



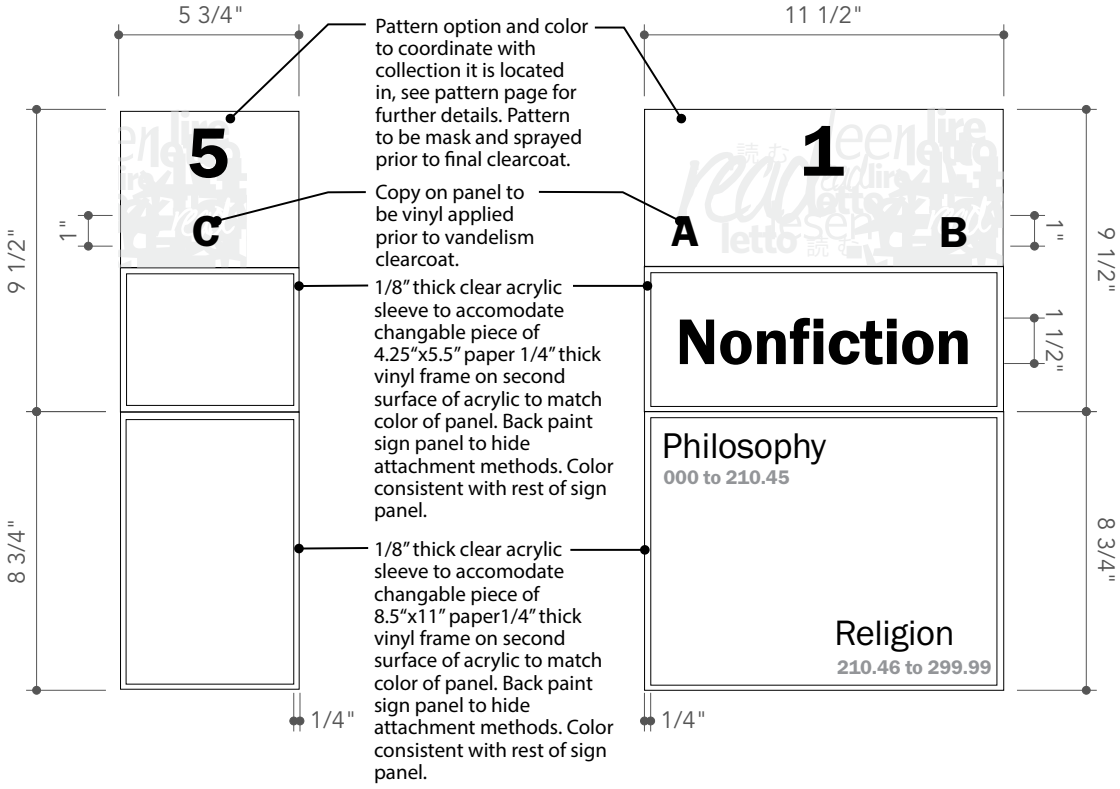
1 i.U Book Stack End Panel
Top View; Scale: 2"=1'-0"



2 i.U Single Shelf Book Stack End Panel
Frontl View; Scale: 1"=1'-0"

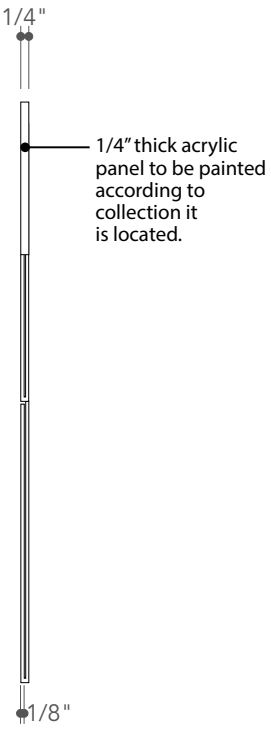


3 i.U Book Stack End Panel
Front View; Scale: 1"=1'-0"

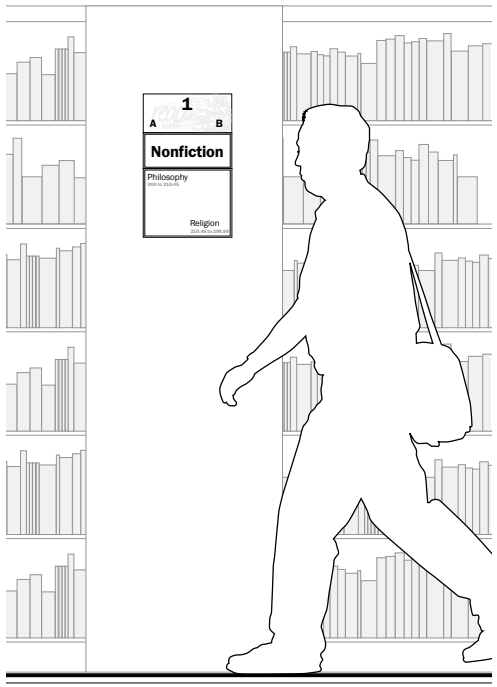


4 i.U Single Shelf Book Stack End Panel
Front View; Scale: 2"=1'-0"

5 i.U Book Stack End Panel
Front View; Scale: 2"=1'-0"



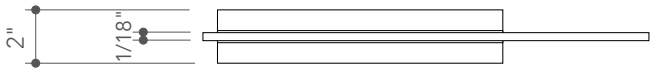
6 i.U Book Stack End Panel
Side View; Scale: 2"=1'-0"



7 i.U Book Stack End Panel
Front Elevation View; Scale: 1/2"=1'-0"

Note: - All copy to be finalized and approved by CoLAPL.
- RSM recommends middle insert created by fabricator to match color of panel. Color will not match the color call out when created on in-house printer.

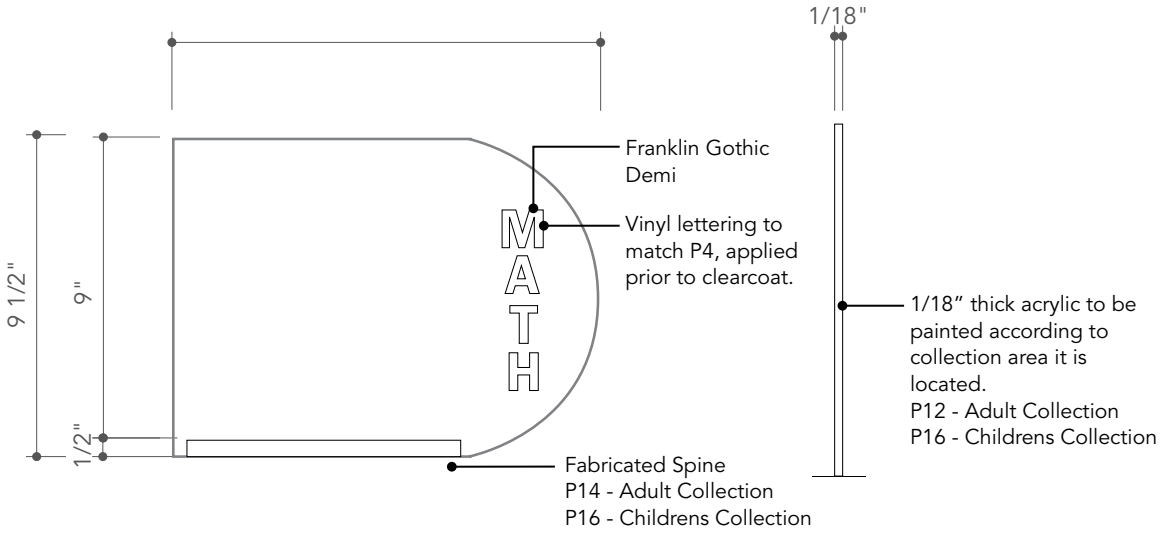
i.V- Intra-Shelf Sign "Panel"



1 Intra-Shelf Sign "Panel"
Top View; Scale: 2"=1'-0"

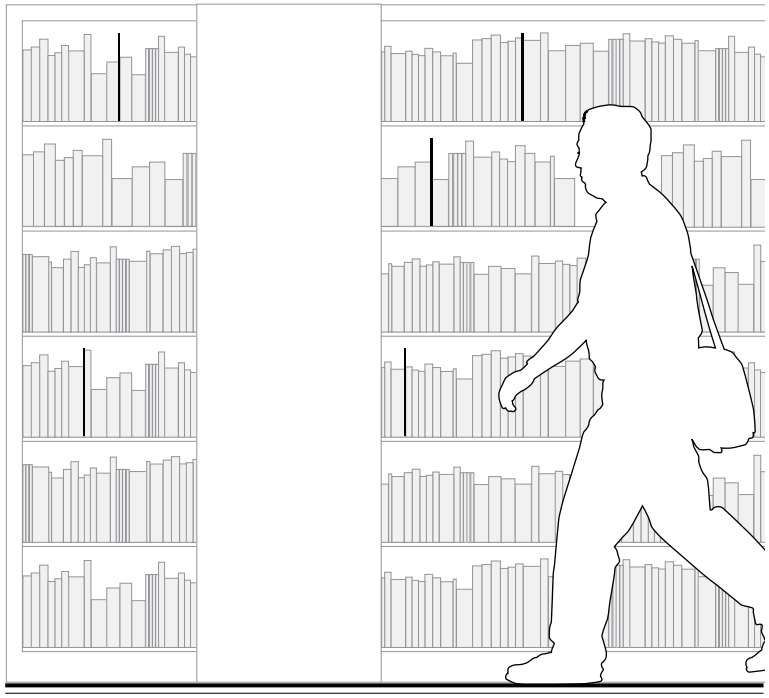


4 Intra-Shelf Sign "Panel"
Front and Back Detail View; Scale: 1"=1'-0"



2 Intra-Shelf Sign "Panel"
Front View; Scale: 2"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

3 Intra-Shelf Sign "Panel"
Back View; Scale: 2"=1'-0"



5 Intra-Shelf Sign "Panel"
Front Elevation View; Scale: 1/2"=1'-0"

Alternative Specifications

Cost may have an impact on the ability of each Library to implement the new signage system. As such, below lists the use of alternative materials and sizes, which will help reduce the price of the signage.

The use of the aluminum, shown throughout the standards manual, is a higher quality material with great durability, and as such is highly encouraged. The use of alternative materials should only be considered if the cost of aluminum is prohibitive.

Suggested alternative materials:

Primary signs:
• Panel to be 1" thick Sintra board.

Secondary signs:
• Panel to be 3/4" thick Sintra board.

Tertiary signs:
• Panel to be 1/2" thick Sintra board.

Large directional signs:
• Panel to be 1" thick Sintra board.

Small directional signs:
• Panel to be 1/2" thick Sintra board.

Large movable directional:
• Panel to be 1" thick Acrylic.

Rules and Regulations sign:
• Panel to be 1" thick Acrylic.

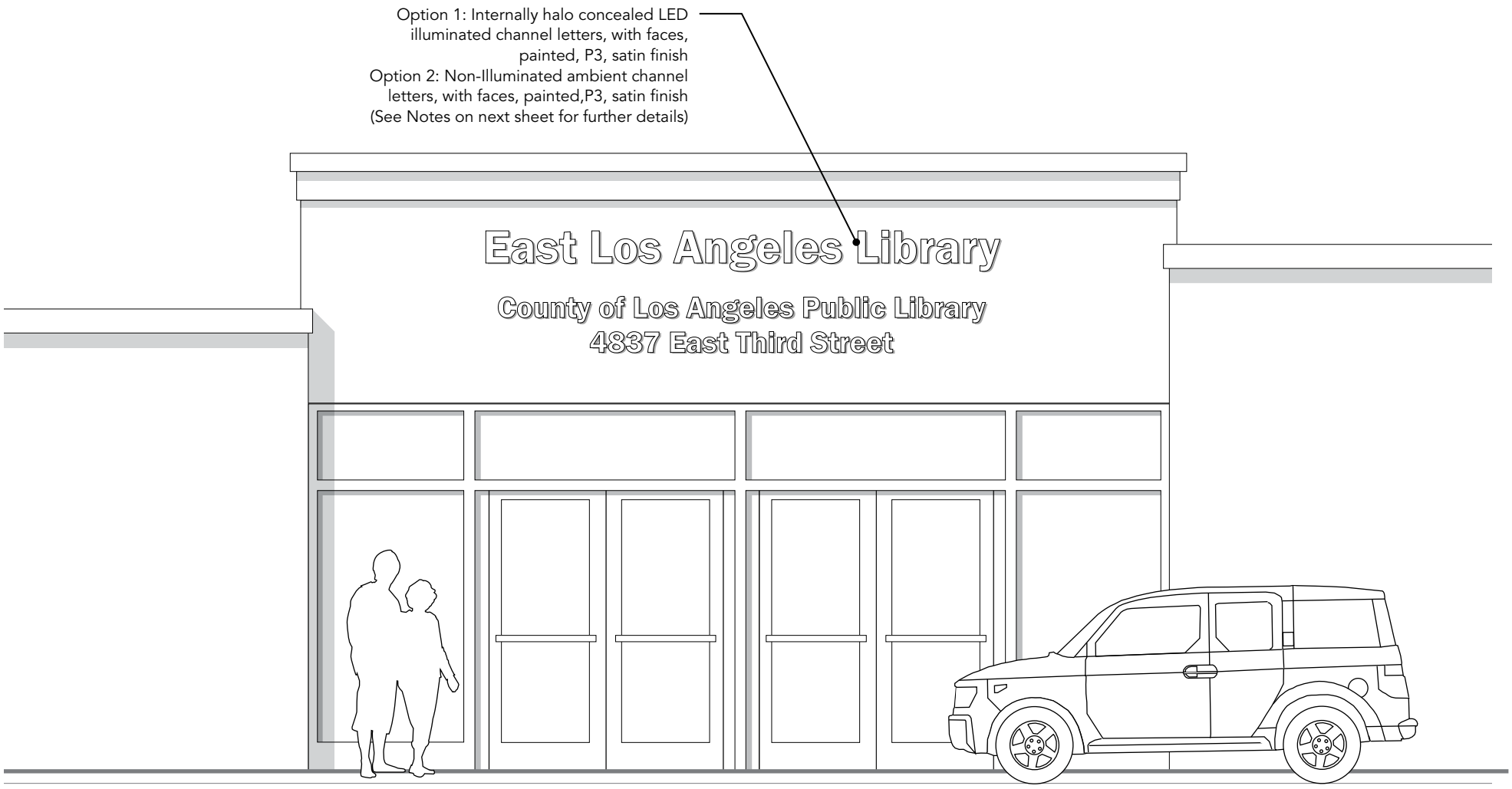
Exterior Building Signs

Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?	material and detail references
e.A	Building Entry Sign TBD" x 3'-4" x 3"	Letter Face to be P3 Letter Returns to be P1	1. Community Library Name 2. County of Los Angeles Public Library 3. Community Library Address (Number and Street)	No Pattern.	- See page 67 and 68 for sign specifications.
e.B	Freestanding Entry Sign 2'-2" x 8'-10" x 1'-6"	Multiple callouts see detail drawing on page #70 and #71 for more information.	- Multiple; see detail drawing on page 70 and 71 for more information.	No Pattern.	- See page 69 and 70 for sign specifications..
e.C	Window Graphic 10" x 10 3/4" x 1/16" 1'-7" x 2'-4" x 1/16"	Lettering to be vinyl, V1	Messaging to be in this order from top to bottom, see detail drawing. 1. CoLAPL logo on left 2. County Seal on right 3. Community Library Name 4. County of Los Angeles Public Library 5. Community Library Address 6. Community Library Hours 7. Community Library Phone Number 8. CoLAPL Web Address 9. Free wi-fi 10. Supervisor's Name 11. ADA and No Smoking Symbols 12. Service Animals Permitted	No Pattern.	- See page 71 for sign specifications.
e.D	Exterior Freestanding Book and Media Drop (TBD based on location)	Letters and Logo to match V4	1. CoLAPL Logo 2. Returns	No Pattern.	- See page 72 for sign specifications.
e.E	Open / Closed Sign 1'-7" x 1'-6" x 1"	Panel to be P3 Letters to match P4	Messaging to comply with "thought bubble" guidelines. 1. we are open!! 2. sorry we're closed.	No Pattern.	- See page 73 for sign specifications.

* All messaging to be finalized and approved by the Departmental Signage Coordinator prior to fabrication.

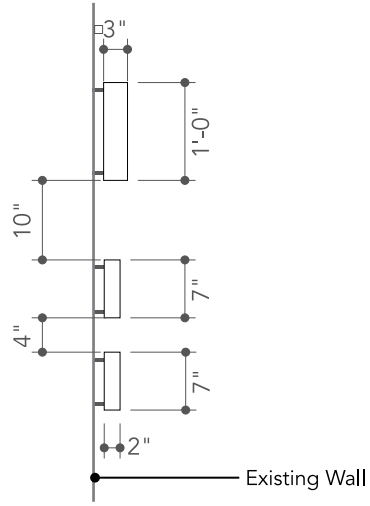
e.A - Building Entry Sign



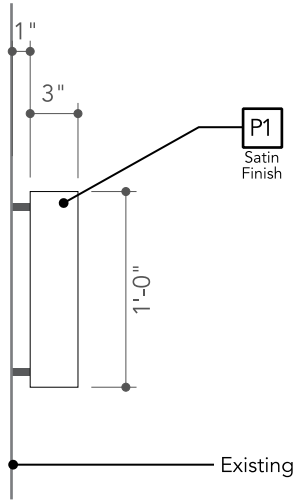
1 e.A Building Entry Sign
Front View; Scale: 1/4"=1'-0"

Note:
- Final mounting heights to be determined based on site conditions and elevation.

e.A - Building Entry Sign - Details

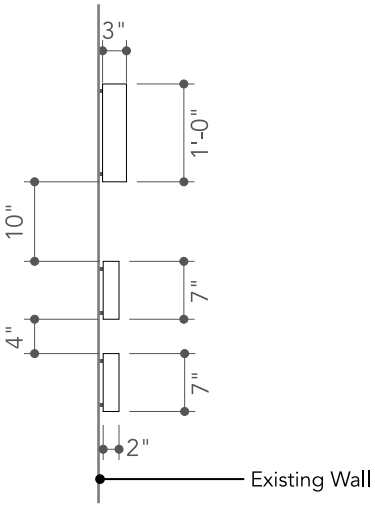


2 e.A Building Entry Sign - Illuminated
Side View; Scale: 1/2"=1'-0"

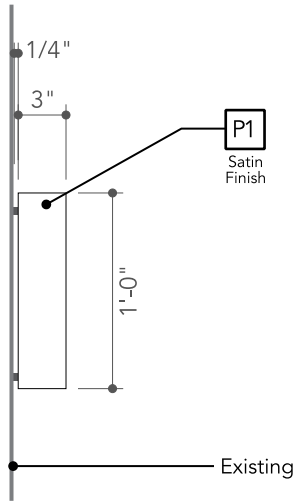


3 e.A Building Entry Sign - Illuminated
Side View; Scale: 1"=1'-0"

General Notes - Illuminated:
- All seams to be continuously filled and ground smooth, no pop rivets.
- All faces to be minimum .125 aluminum and returns to be minimum .090 aluminum.
- Stand offs to be painted to match building facia.
- Font used to be "Whitney Bold"; full sized black and white plots to be provided by fabricator prior to fabrication to verify kerning of letters.
- Letters to have LED illumination, with remote concealed transformers.
- UL labels to be located at top of letters, or as determined by code.
- No identifying fabricator lables.
- Final copy to come from CoLAPL, all copy must adhere to all guidlines set in standards manual. Copy must include: Community Library Name, County of Los Angeles Public Library, and Street Number and Street Name.



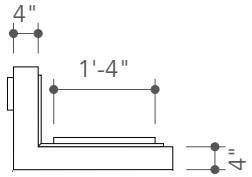
4 e.A Building Entry Sign - Non-Illuminated
Side View; Scale: 1/2"=1'-0"



5 e.A Building Entry Sign - Non-Illuminated
Side View; Scale: 1"=1'-0"

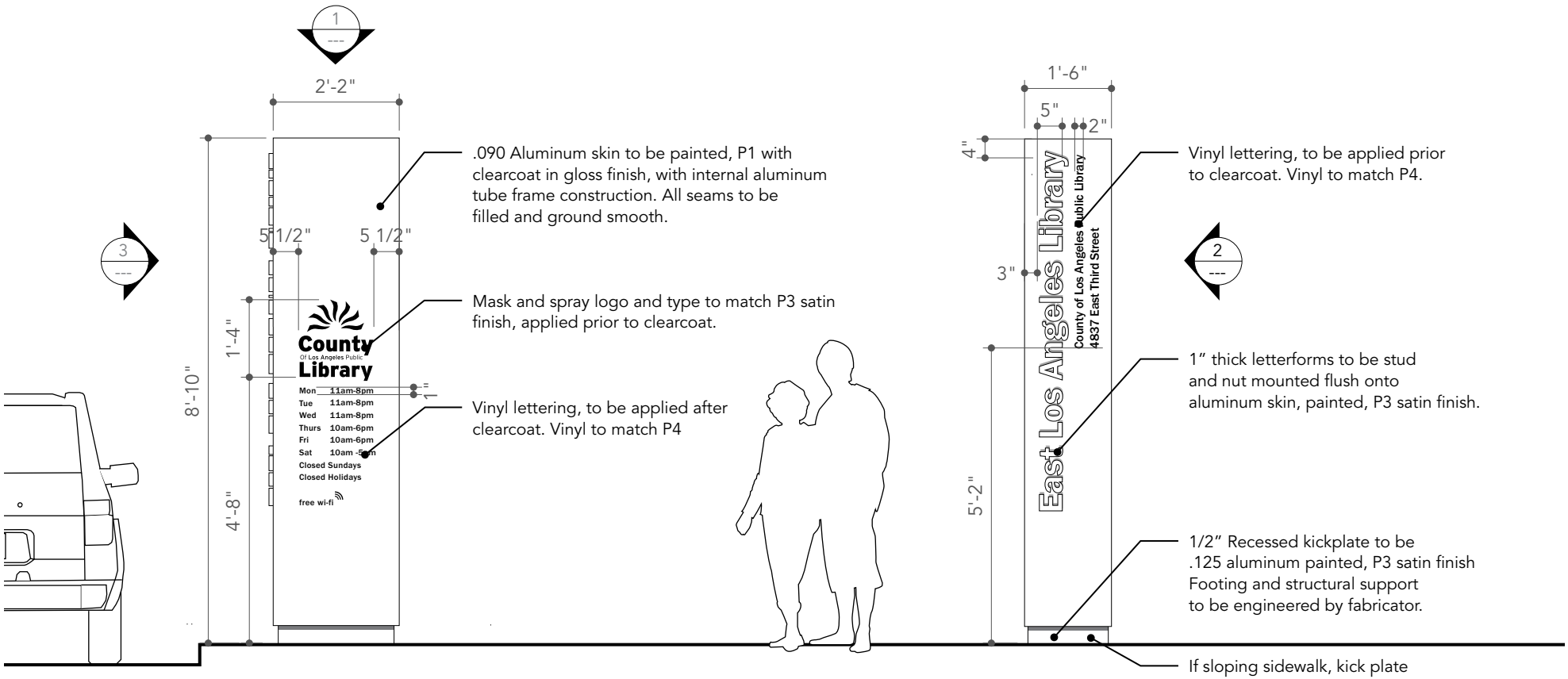
General Notes - Non-Illuminated:
- All specs above pertain excluding electrical components.
- Non-Illuminated mounting to be pulled off face by 1/4". If wall surface is rough or textured more than 1/4" relief letters should be pinned off to accomodate the texture. Verify per site conditions.

e.B - Freestanding Entry Sign



1 e.B Freestanding Entry Sign
Top View; Scale: 3/8"=1'-0"

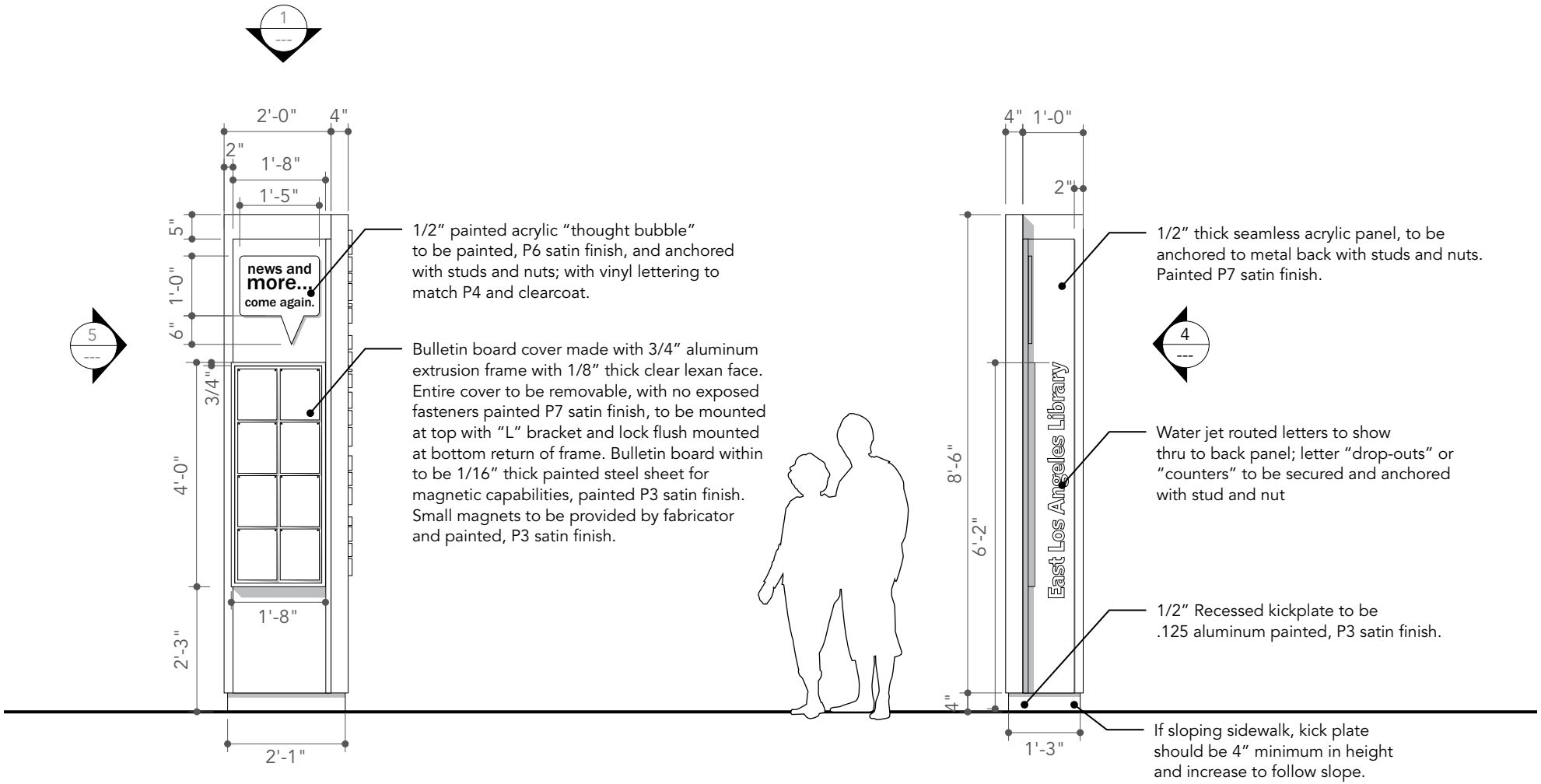
Genneral Notes:
- Final location to be determined based on site conditions.
- All final copy to be approved by CoLAPL prior to fabrication.
- All clearcoat should have UV protection.



2 e.B Freestanding Entry Sign
Side View 1; Scale: 3/8"=1'-0"

3 e.B Freestanding Entry Sign
Front View; Scale: 3/8"=1'-0"

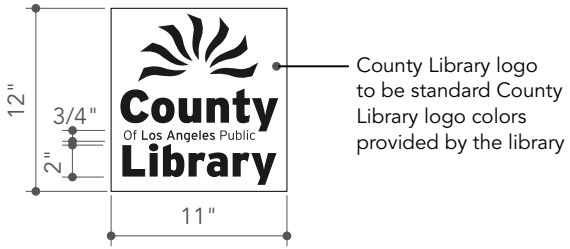
e.B - Freestanding Entry Sign - (cont.)



4 e.B Freestanding Entry Sign
Side View 2; Scale: 3/8"=1'-0"

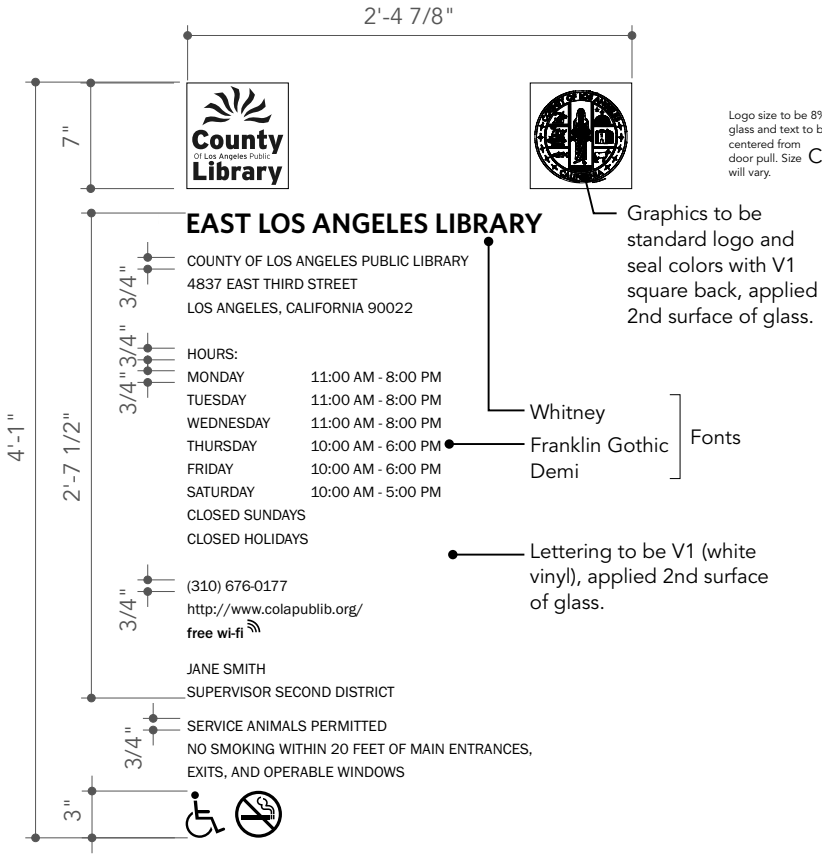
5 e.B Freestanding Entry Sign
Back View; Scale: 3/8"=1'-0"

e.C - Door and Window Graphic



County Library logo to be standard County Library logo colors provided by the library

1 e.C Door Graphics
Front Detail View; Scale: 1"=1'-0"

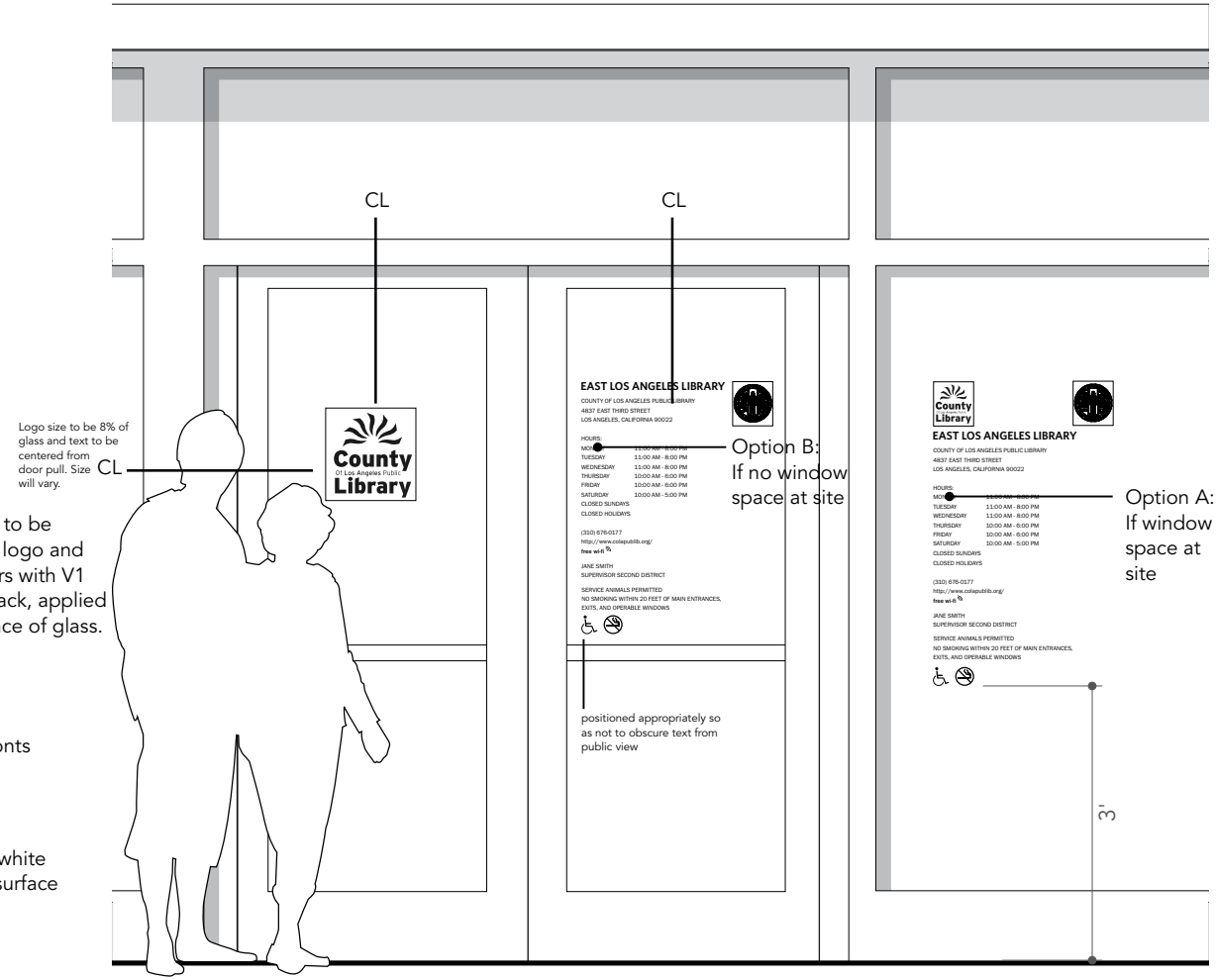


Graphics to be standard logo and seal colors with V1 square back, applied 2nd surface of glass.

Whitney
Franklin Gothic Demi
Fonts

Lettering to be V1 (white vinyl), applied 2nd surface of glass.

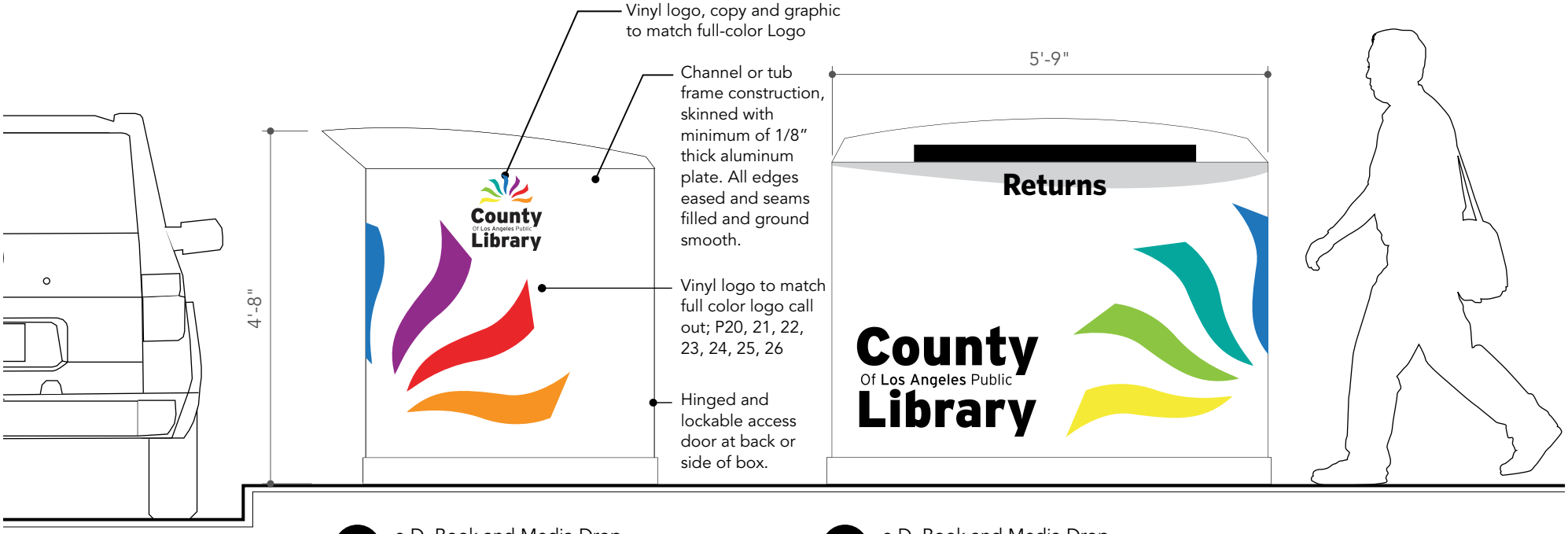
2 e.C Window Graphics
Front Detail View; Scale: 1"=1'-0"



3 e.C Door & Window Graphics
Front Elevation View; Scale: 1/2"=1'-0"

e.D - Book and Media Drop

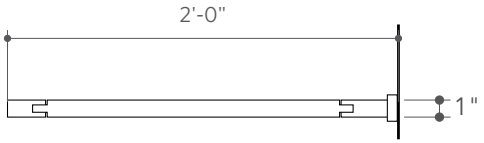
Notes:
- Box to be sprayed with anti-graffiti clear coat.
- No deletion of page. Notes have been changed accordingly.
- Logo to be provided by the County of Los Angeles Public Library.



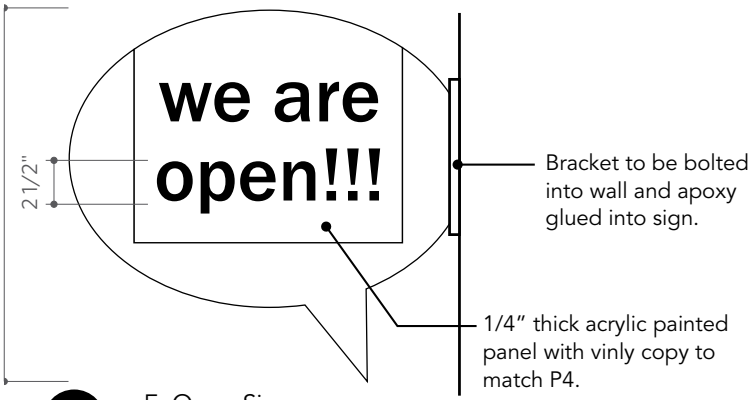
1 e.D Book and Media Drop
Side View; Scale: 1/2"=1'-0"

2 e.D Book and Media Drop
Front View; Scale: 1/2"=1'-0"

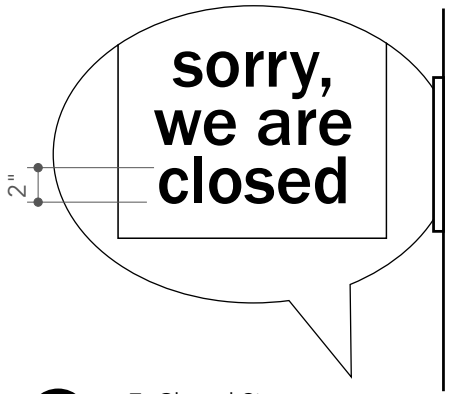
e.E - Open / Closed Sign



1 e.E Open / Closed Sign
Top Detail View; Scale: 1"=1'-0"



2 e.E Open Sign
Front Detail View; Scale: 1"=1'-0"



3 e.E Closed Sign
Back Detail View; Scale: 1"=1'-0"

Notes:
- All copy to match P4.
- Attachment must have removable pin to flip sign at the beginning and end of each business day.



4 e.E Open / Closed Sign
Front Elevation View; Scale: 1/2"=1'-0"

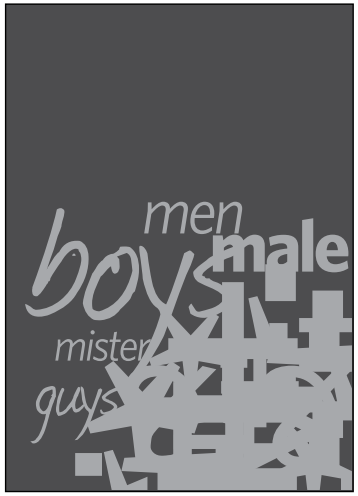
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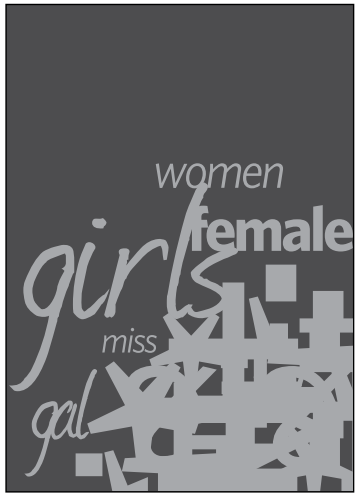
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Front of Panel Pattern Options - patterns are specific to the colors they are applied to.



1



2



3



4

restroom

bath

Toliet

wash

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T: 714.755.4108
rickwojcicki@thirdfloornorth.com

Addendum No.1

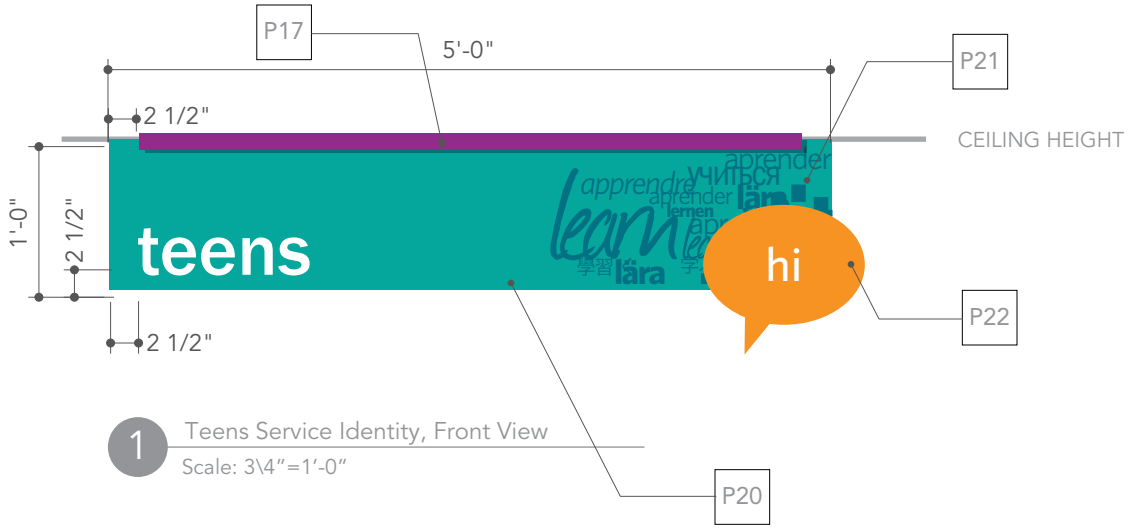
Teens Signage

May 20, 2009

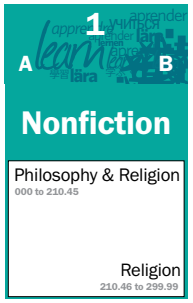
Redmond Schwartz Mark
Design

teens: addendum

This page superceeds the previous page in regards to the color of the "teens" area within each library.



1 Teens Service Identity, Front View
Scale: 3\4"=1'-0"



2 i.UU Book Stack End Panels, Front View
Scale: 1"=1'-0"



3 i.TT Blade Sign, Front View
Scale: 1"=1'-0"
All copy is to be finalized by CoLAPL

Front of Panel Pattern



Back of Panel Pattern



P20 Primary Background
MP14684

P22 Accent (bubble Color)
MP00853

P21 Pattern
MP14544

P17 Accent
MP11309

Teen's Collection Signs

Addendum Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.DD	Secondary Collection Identity Sign 5'-0" x 1'-0" x 1 1/2"	Panel to be P20 Returns of panel to be P17 Pattern to be P21 Spine to be P17 Letters to be P4 Thought Bubble Panel to be P22	1. teens All copy to be approved by CoLAPL.	Single sided; Front = #5 Back = #11 Double sided; Front = #5 Back = #5	- See page 50 for sign specifications. - See page 48 for attachment options. - See page 51 for wall placement
i.UU	Book Stack End Panels 11 1/2" x 1'-6 1/4" x 1/4"	Panel to be P20 Pattern to be P21 Letters to be P4	1. teens TBD by each individual community library based on its needs. All copy to be approved by CoLAPL.	Single sided; Front = #5	- See page 63 for sign specifications.
i.TT	Teen Collection Blade Sign	Panel to be P20 Spine to be P17 Letters to be P4 Color to be determined by CoLAPL.	All copy to be approved by CoLAPL.	No Pattern.	- See page 5 Addendum #2 for sign specifications.

Addendum No.2

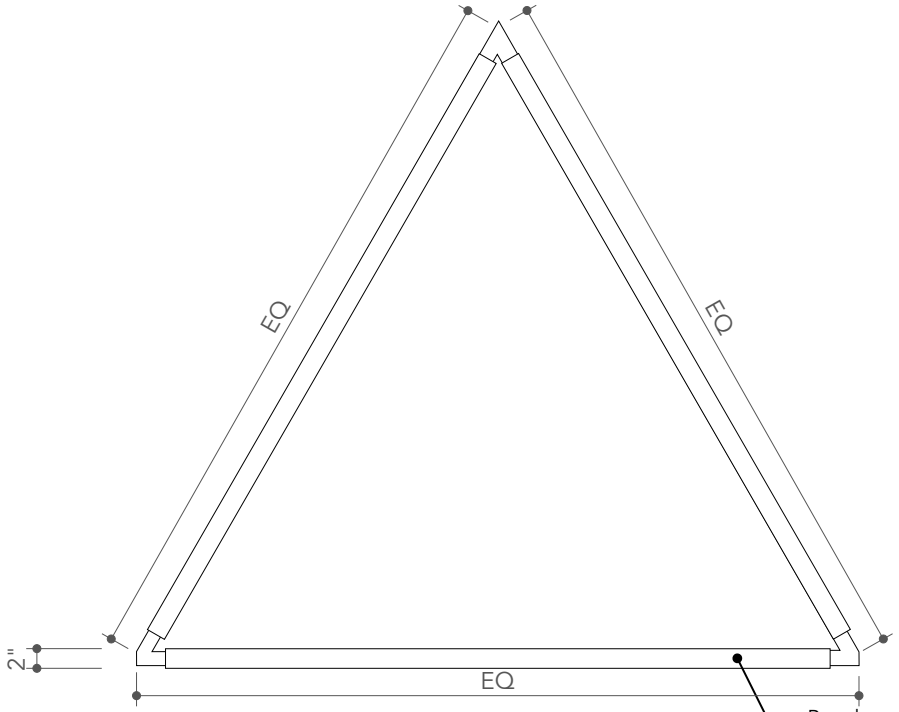
Interior Signage

June 16, 2010

Redmond Schwartz Mark
Design

i.EE- Primary Service Identity Sign: Three Sided

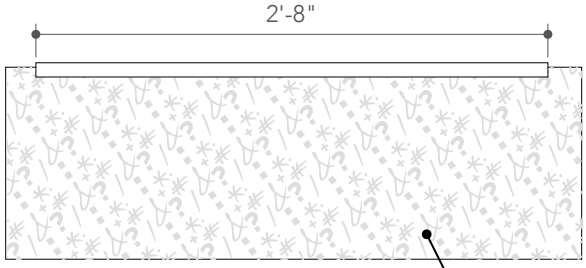
Sign Drawing



Panel returns to be painted to match spine color.

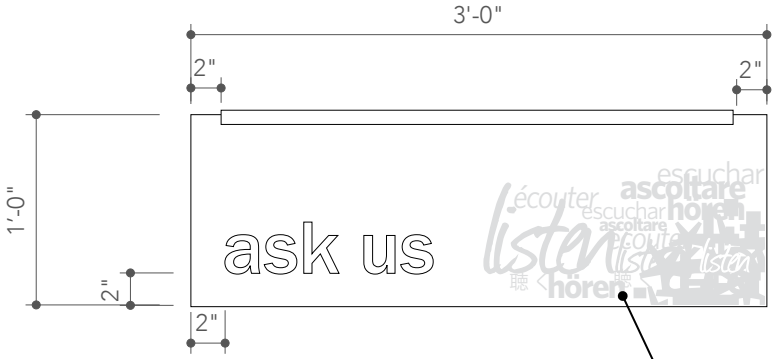
1 Primary Service Identity Sign
Bottom View; Scale: 3/4"=1'-0"

Notes:
- All fasteners concealed, unless using mounting option #1, see page 49 for details.
- Mounting spine to be aluminum channel min 1/4" walls.
- Any gaps between panel and spine to be filled – maximum 1/32" tolerance.
- When signs are accessible, spray background with a graffiti clear coat.



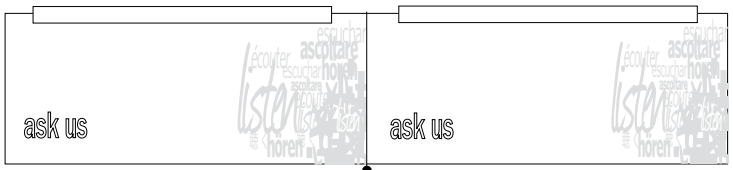
Tone on tone wallpaper pattern on back all sign panel. (See page 20 for pattern details.)

3 Primary Service Identity Sign
Back View - Single-Sided;
Scale: 1"=1'-0"



Pattern used to be coordinated with sign type and messaging. (See page 20 for pattern details.)

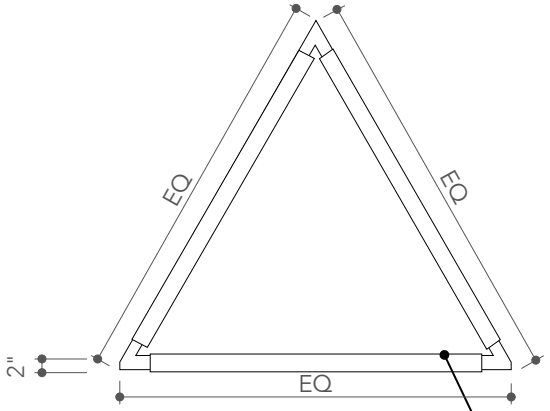
2 Primary Service Identity Sign
Front View; Scale: 1"=1'-0"
*Note: Each panel to be same dimensions



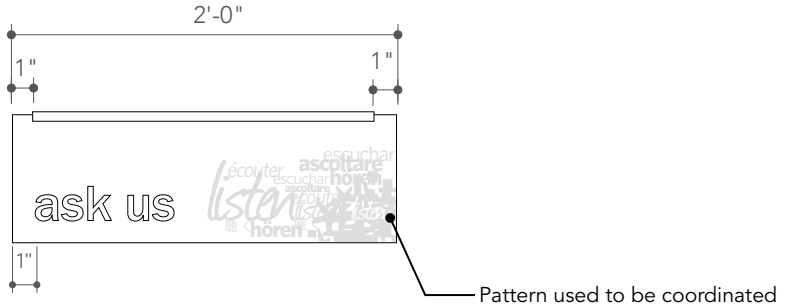
Panels to be break form aluminum or weld and ground smooth prior to paint.

4 Primary Service Identity Sign
Back View; Scale: 3/4"=1'-0"
*Note: Drawing #4 on this sheet is angled elevation. Reference top view.

i.EE- Primary Service Identity Sign: Three Sided, Smaller

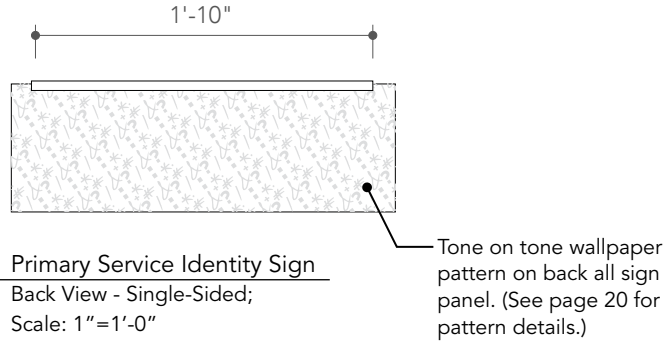


1 Primary Service Identity Sign
Bottom View; Scale: 1"=1'-0"

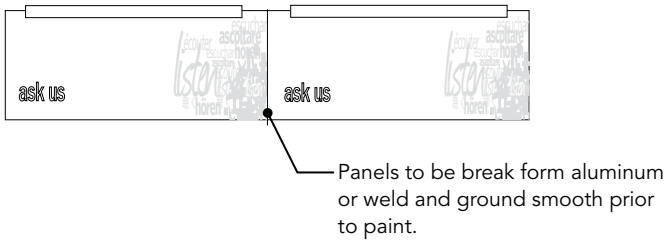


2 Primary Service Identity Sign
Front View; Scale: 1"=1'-0"
*Note: Each panel to be same dimensions

Notes:
- All fasteners concealed, unless using mounting option #1, see page 49 for details.
- Mounting spine to be aluminum channel min 1/4" walls.
- Any gaps between panel and spine to be filled – maximum 1/32" tolerance.
- When signs are accessible, spray background with a graffiti clear coat.

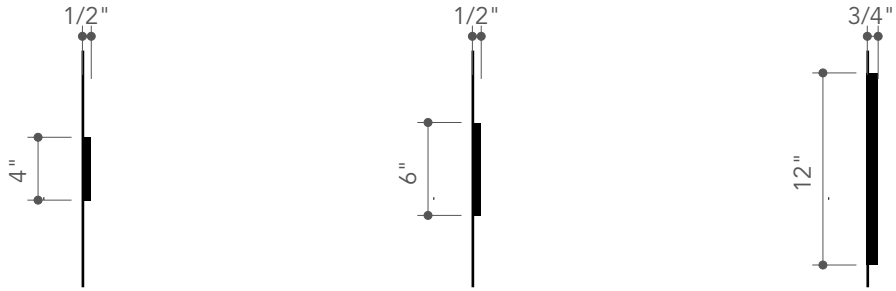


3 Primary Service Identity Sign
Back View - Single-Sided;
Scale: 1"=1'-0"



4 Primary Service Identity Sign
Back View; Scale: 1"=1'-0"
*Note: Drawing #4 on this sheet is angled elevation. Reference top view.

Notes:
- Color to be determined by CoLAPL



1 Large Wall Type
Side View; Scale: 1"=1'-0"

2 Large Wall Type
Side View; Scale: 1"=1'-0"

3 Large Wall Type
Side View; Scale: 1"=1'-0"

Note: All copy to be finalized and approved by CoLAPL.

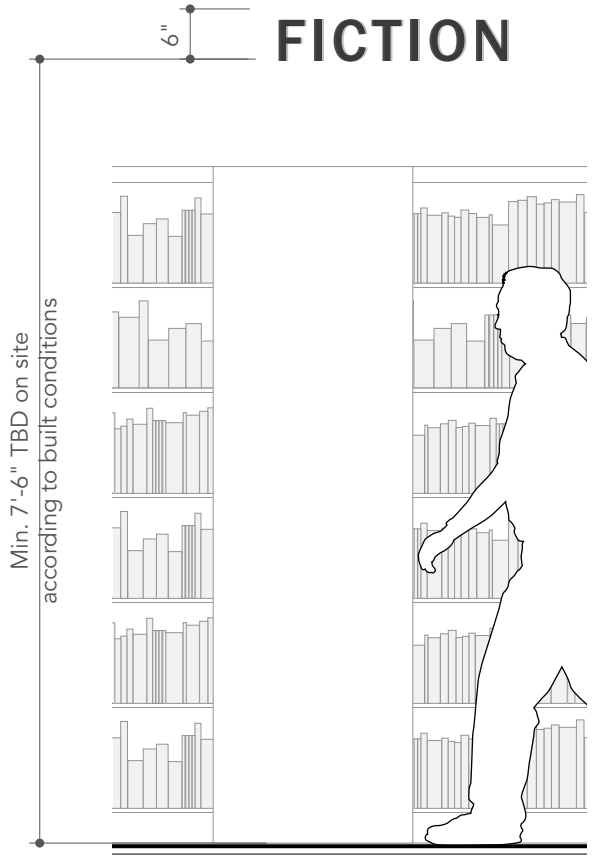


4 Large Wall Type
Front Detail View; Scale: 1"=1'-0"



5 Large Wall Type
Front Detail View; Scale: 1"=1'-0"

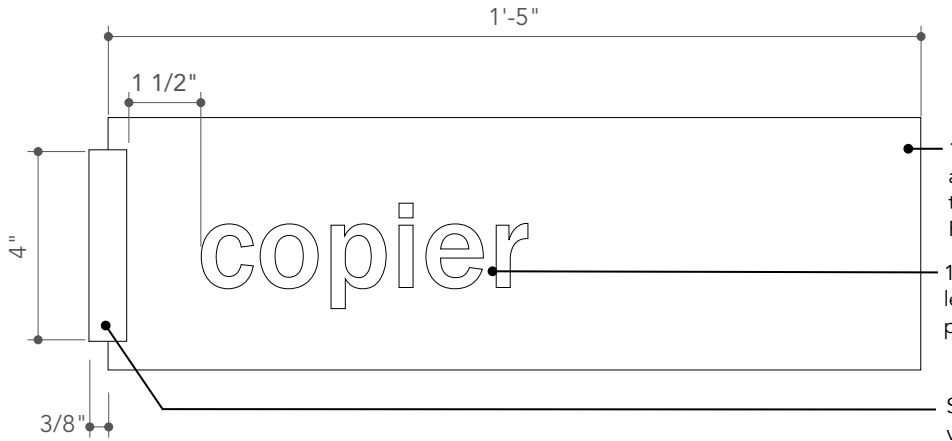




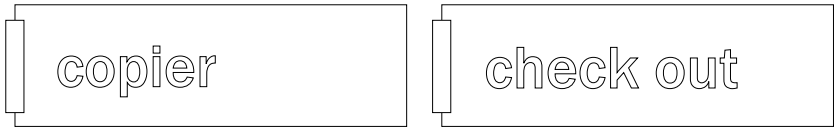
7 Large Wall Type
Front Elevation View; Scale: 1/2"=1'-0"

i.GG Small Wall Type

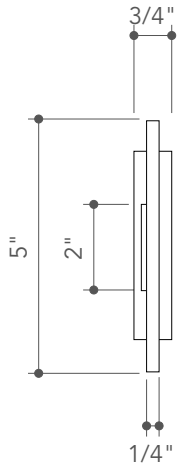
Sign Drawing



1 Small Wall Type
Front Detail View; Scale: 3"=1'-0"

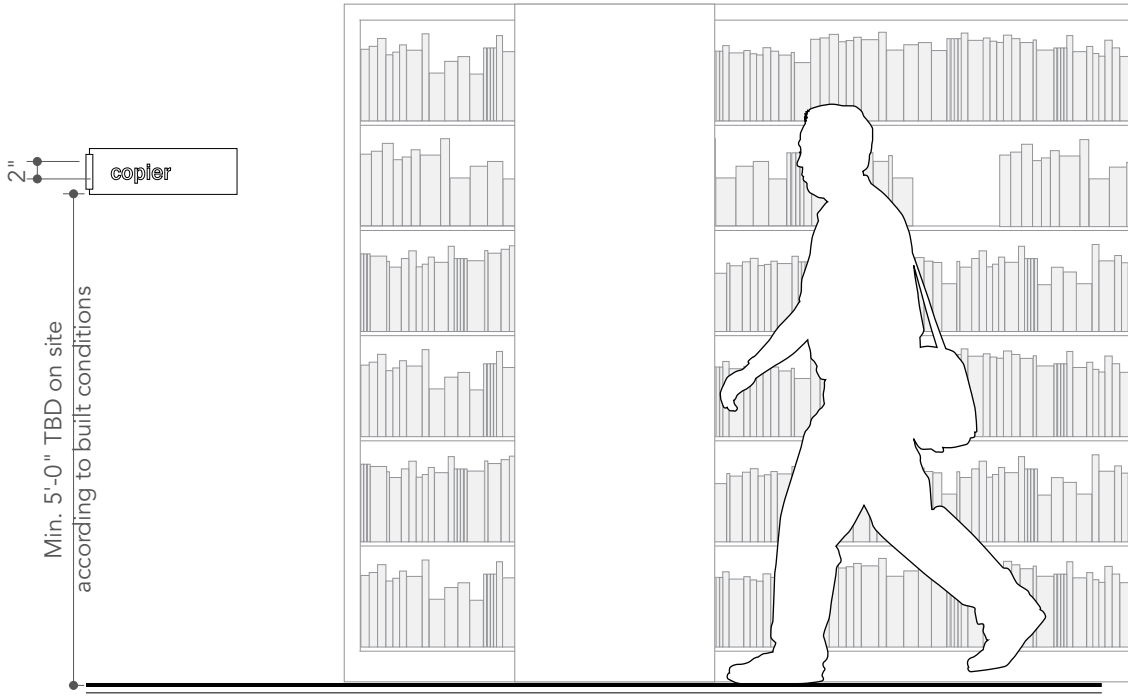


3 Small Wall Type
Front View; Scale: 1 1/2"=1'-0"



2 Small Wall
Side View; Scale: 3"=1'-0"

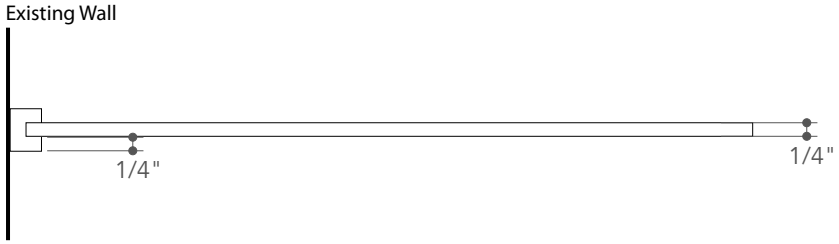
Note: All copy to be finalized and approved by CoLAPL.



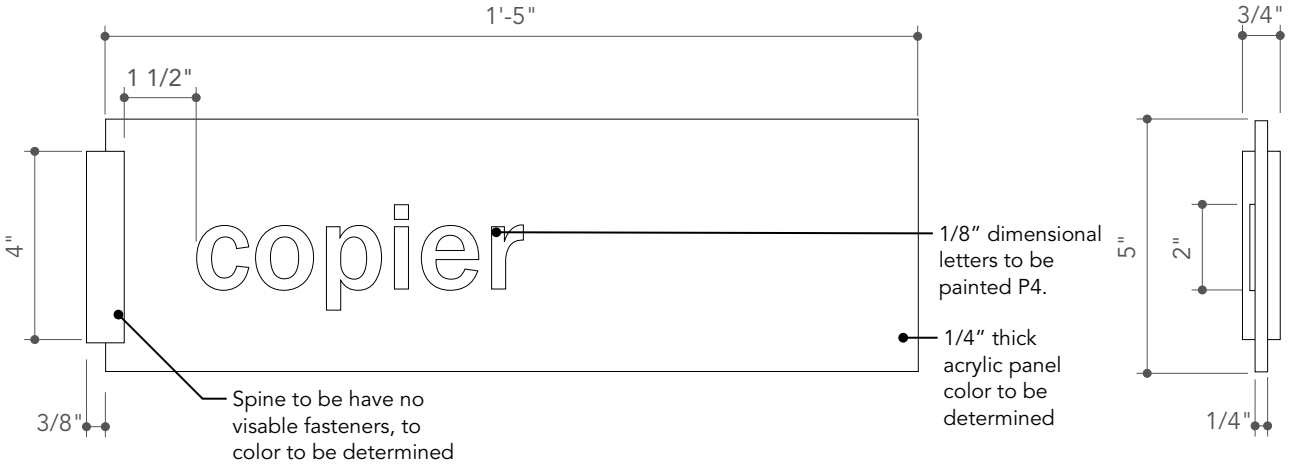
4 Small Wall Type
Front Elevation View; Scale: 1/2"=1'-0"

i.HH Blade Sign

Sign Drawing



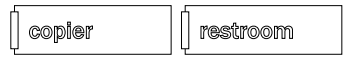
1 Blade Sign
Top View; Scale: 3”=1’-0”



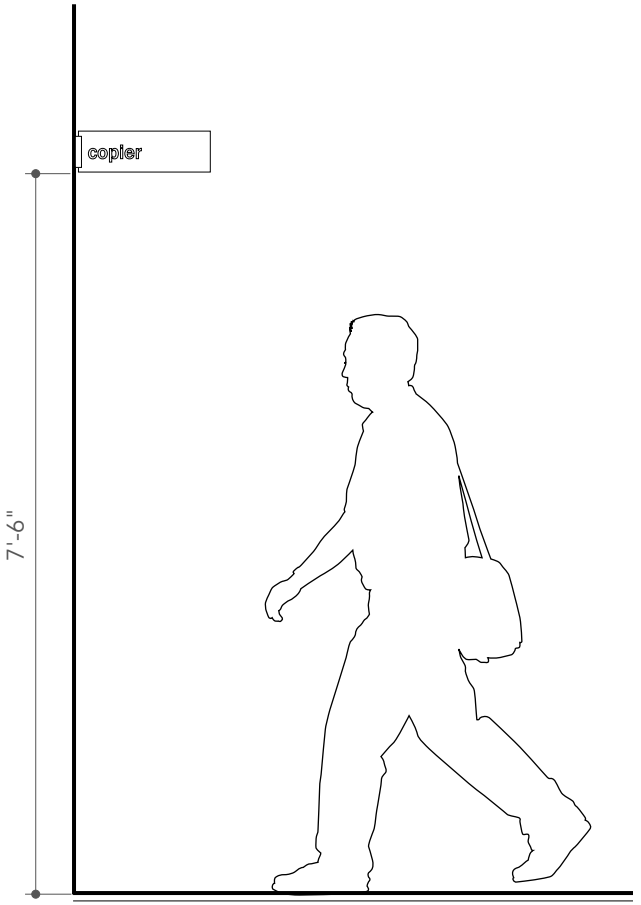
2 Blade Sign
Front View; Scale: 3”=1’-0”

Note: All copy and color to be finalized and approved by CoLAPL.

3 Blade Sign
Side View; Scale: 3”=1’-0”



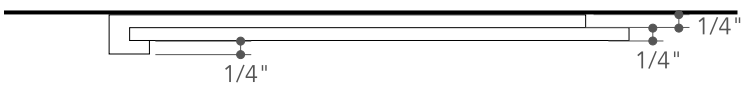
4 Blade Signs
Front View; Scale: 1”=1’-0”



5 Blade Sign
Front Elevation View; Scale: 1/2”=1’-0”

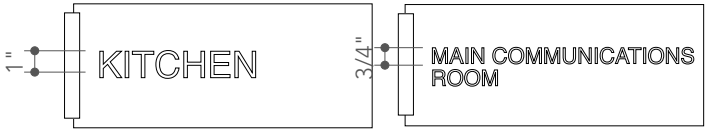
i.JJ Door Sign

Sign Drawing



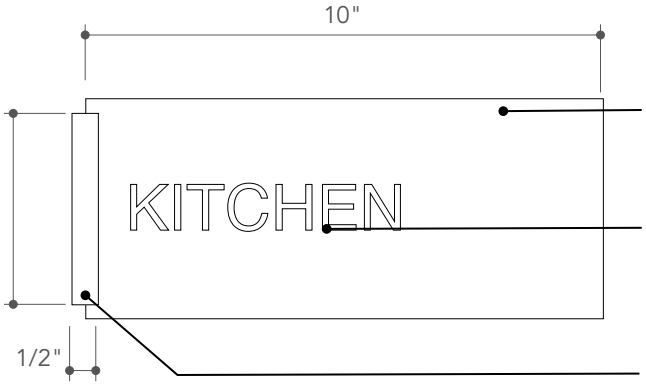
Existing Wall

1 Door Sign
Top View; Scale: 3”=1’-0”



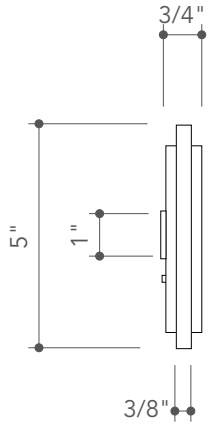
4 Door Sign
Front View; Scale: 1 1/2”=1’-0”

*1 line of copy and 2 lines of copy examples
** type becomes smaller when copy is too long for plaque

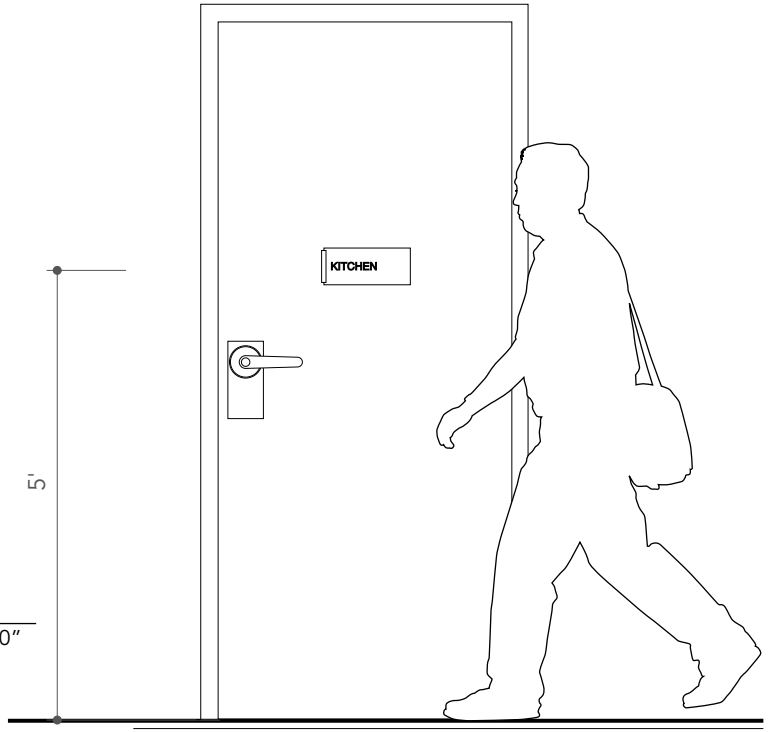


2 Door Sign
Front View; Scale: 3”=1’-0”

Note: All copy to be finalized and approved by CoLAPL.



3 Door Sign
Side View; Scale: 3”=1’-0”



5 Door Sign
Front Elevation View; Scale: 1/2”=1’-0”

Note: Signs with tactile characters are allowed on the push side of doors with closers but without hold-open devices. This situation is most often seen on restroom and hotel room signs.

Note: Where at tactile sign is provided at a door, the sign should be located alongside the door, on the latch side.

Note: Height of Letters and Braille must be between 48” and 60”

Addendum #2 Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.EE	Primary Collection Identity Sign 7′-6″ x 1′-6″ x 2 1/2″	Panel to be P8 Returns of panel to be P10 Pattern to be P9 Spine to be P10 Letters to be P4 Thought Bubble Panel to be P11	1. customer service All copy to be approved by CoLAPL.	Single sided; Front = #2 Back = #6	- See page 1 Addendum #2 for sign specifications. - See page 48 for attachment options.
i.FF	Large Wall Type	Color to be determined by CoLAPL.	1. Fiction 2. Children's Area All copy to be approved by CoLAPL.		- See page 3 Addendum #2 for sign specifications.
i.GG	Small Wall Type	Panel to be P8 Spine to be P10 Letters to be P4 Panel to be P1 Spine to be P3 Letters to be P4	1. Copier 2. Returns 3. Check out All copy to be approved by CoLAPL.		- See page 4 Addendum #2 for sign specifications.
i.HH	Blade Sign	Panel to be P1 Spine to be P3 Letters to be P4 Panel to be P12 Spine to be P14 Letters to be P4 Panel to be P16 Spine to be P18 Letters to be P4	1. Restrooms 2. Copier All copy to be approved by CoLAPL.	Double sided	- See page 5 Addendum #2 for sign specifications.

Addendum #2 Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
		Panel to be P20 Spine to be P17 Letters to be P4 Color to be determined by CoLAPL.			
i.JJ	Door Sign	Panel to be P1 Spine to be P3 Letters to be P4	1. Kitchen 2. Staff 3. Main Communication Room All copy to be approved by CoLAPL.	Single-Sided sign	- See page 6 Addendum #2 for sign specifications.

Addendum No.3

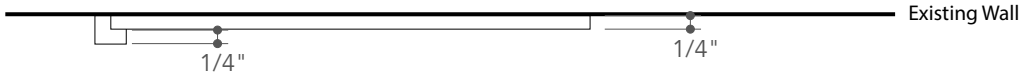
Interior Signage

May 4, 2012

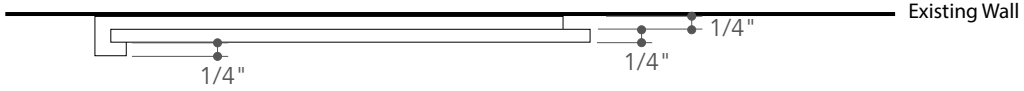
Redmond Schwartz Mark
Design

i.KK - Room Occupancy Sign

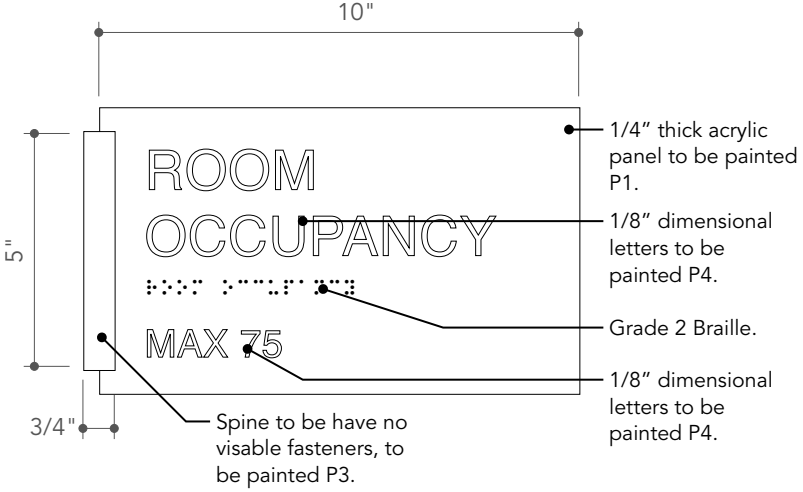
Sign Drawing



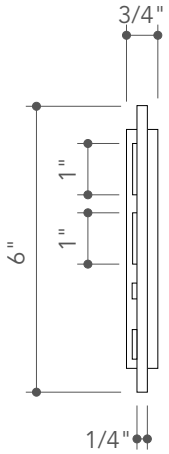
1 i.KK Room Occupancy - Mounting Option #2
Top View; Scale: 3"=1'-0"



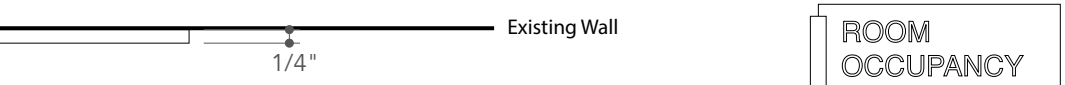
2 i.KK Room Occupancy - Mounting Option #1
Top View; Scale: 3"=1'-0"



3 i.KK Room Occupancy Plaques
Front View; Scale: 3"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

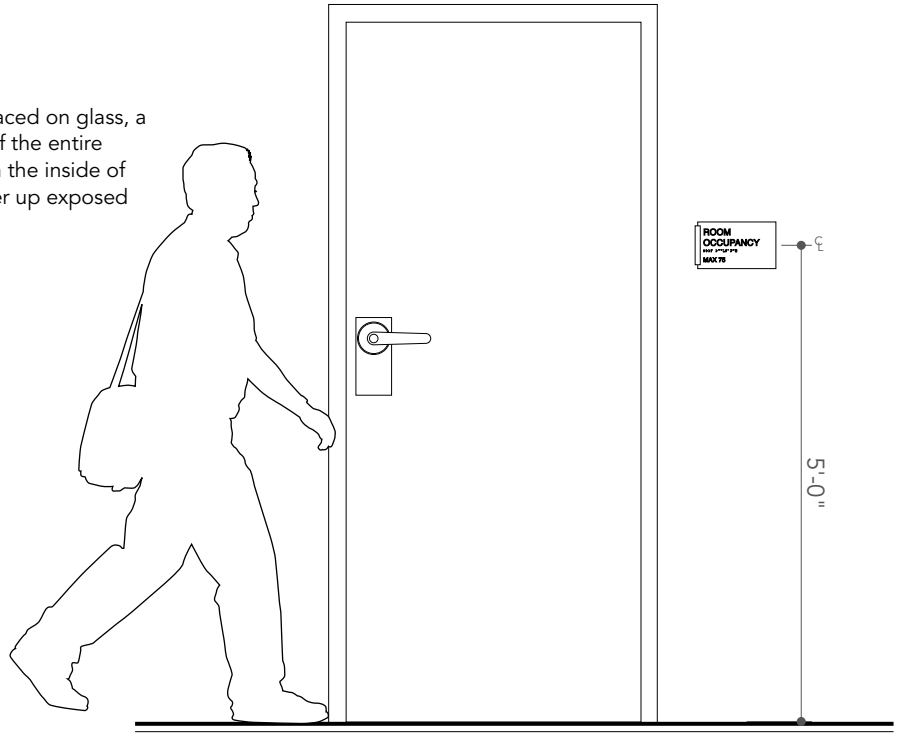


4 i.KK Room Occupancy Plaques
Side View; Scale: 3"=1'-0"



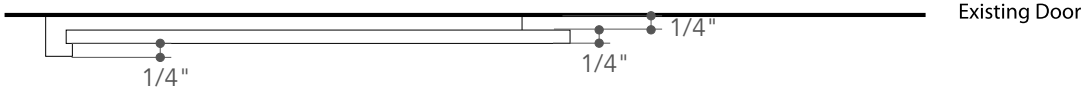
5 i.KK Room Occupancy Plaques
Front View; Scale: 1 1/2"=1'-0"

Note: When plaque is placed on glass, a separate panel the size of the entire sign should be placed on the inside of the glass in order to cover up exposed glue and back of sign

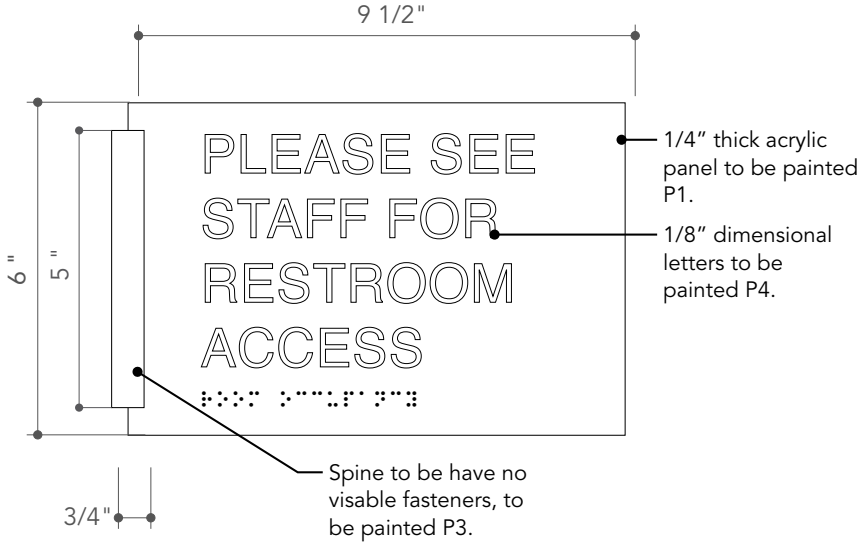


6 i.KK Room Occupancy Plaques
Front Elevation View; Scale: 1/2"=1'-0"

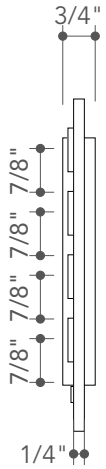
i.LL - Restroom Access Sign



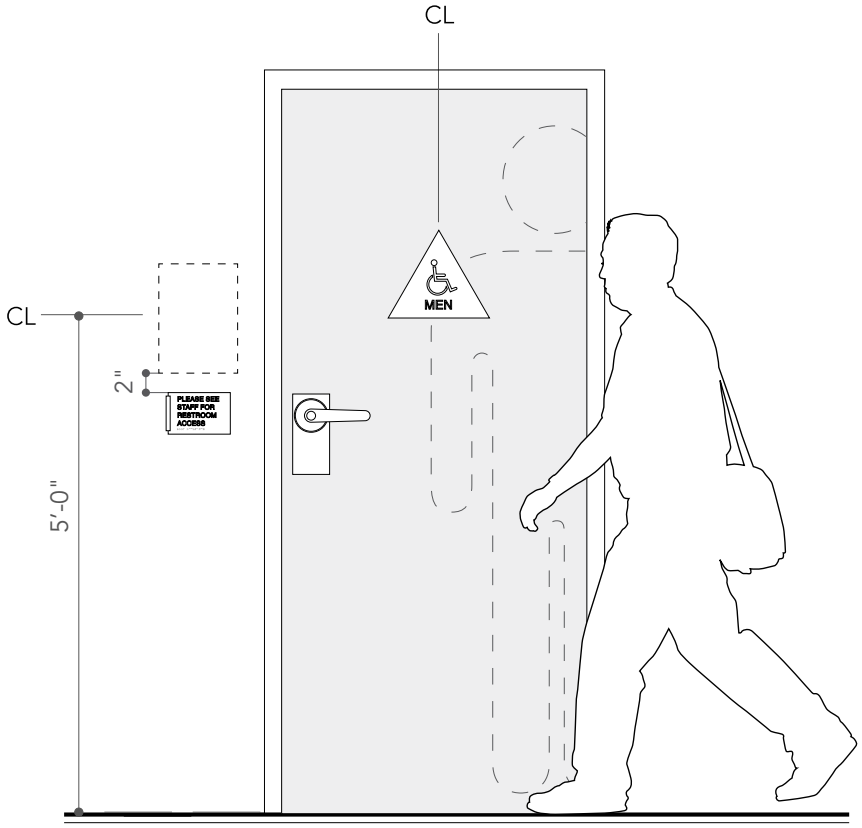
1 i.LL Restroom Access Sign
Top View; Scale: 3"=1'-0"



2 i.LL Restroom Access Sign
Front View; Scale: 3"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

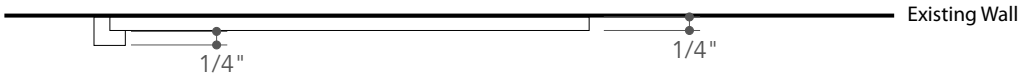


3 i.LL Restroom Access Sign
Side View; Scale: 3"=1'-0"

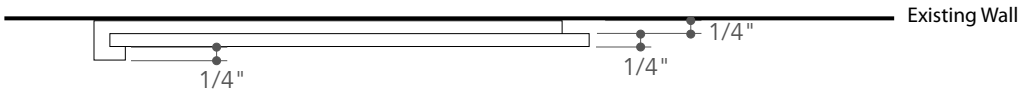


4 i.LL Restroom Access Sign
Front Elevation View; Scale: 1/2"=1'-0"

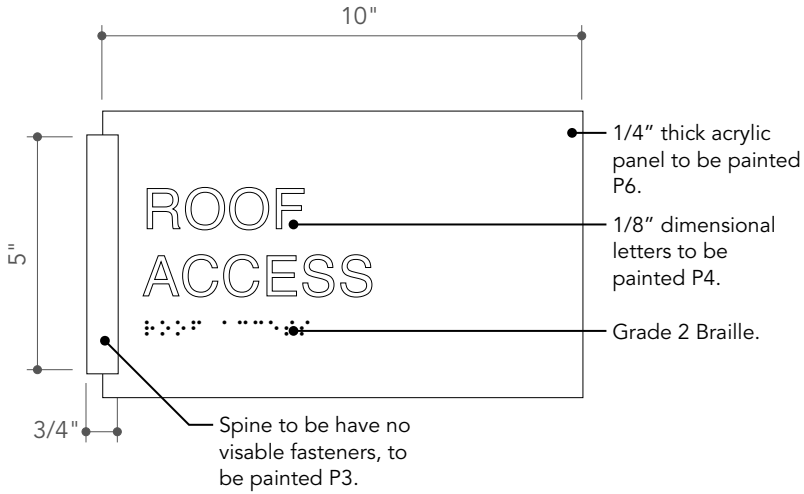
i.MM - Roof Access
i.NN - Fire Riser Sign



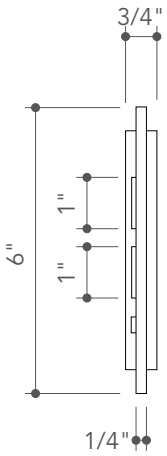
1 i.MM Roof Access - Mounting Option #2
Top View; Scale: 3"=1'-0"



2 i.MM Room Access - Mounting Option #1
Top View; Scale: 3"=1'-0"

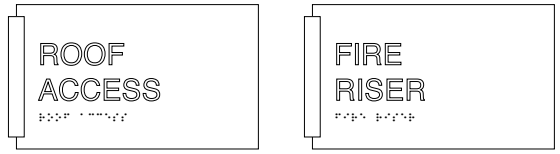


3 i.MM Roof Access
Front View; Scale: 3"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.

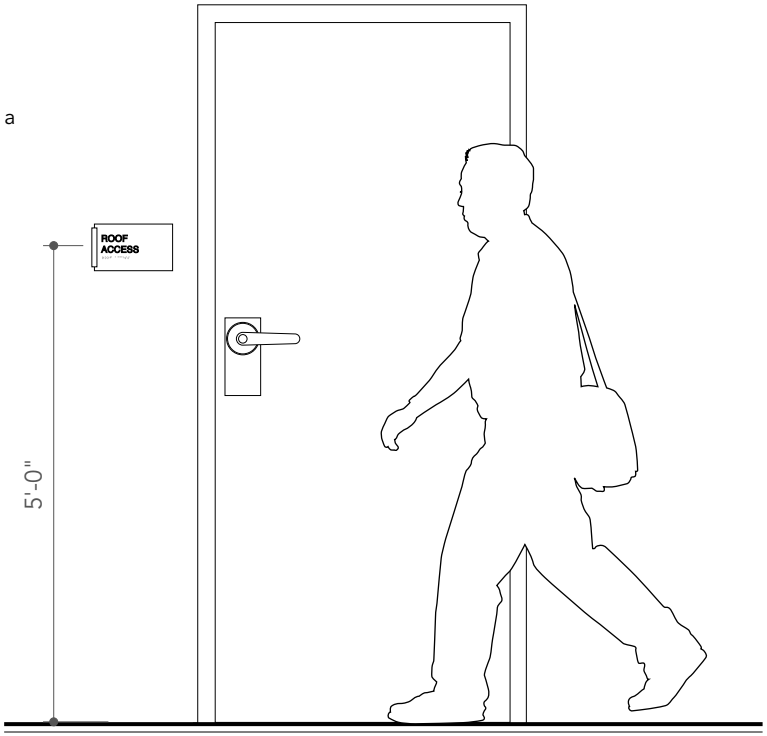


4 i.MM Roof Access
Side View; Scale: 3"=1'-0"

Note: When plaque is placed on glass, a separate panel the size of the entire sign should be placed on the inside of the glass in order to cover up exposed glue and back of sign

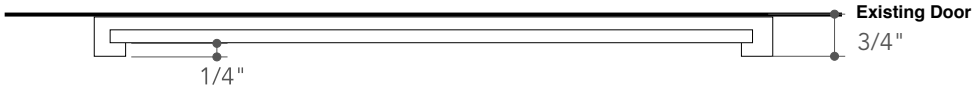


5 i.MM Roof Access / i. NN Fire Riser
Front View; Scale: 1 1/2"=1'-0"

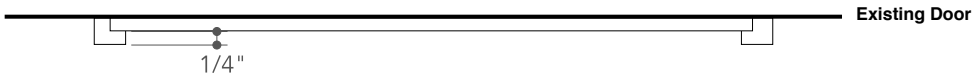


6 i.MM Roof Access
Front Elevation View; Scale: 1/2"=1'-0"

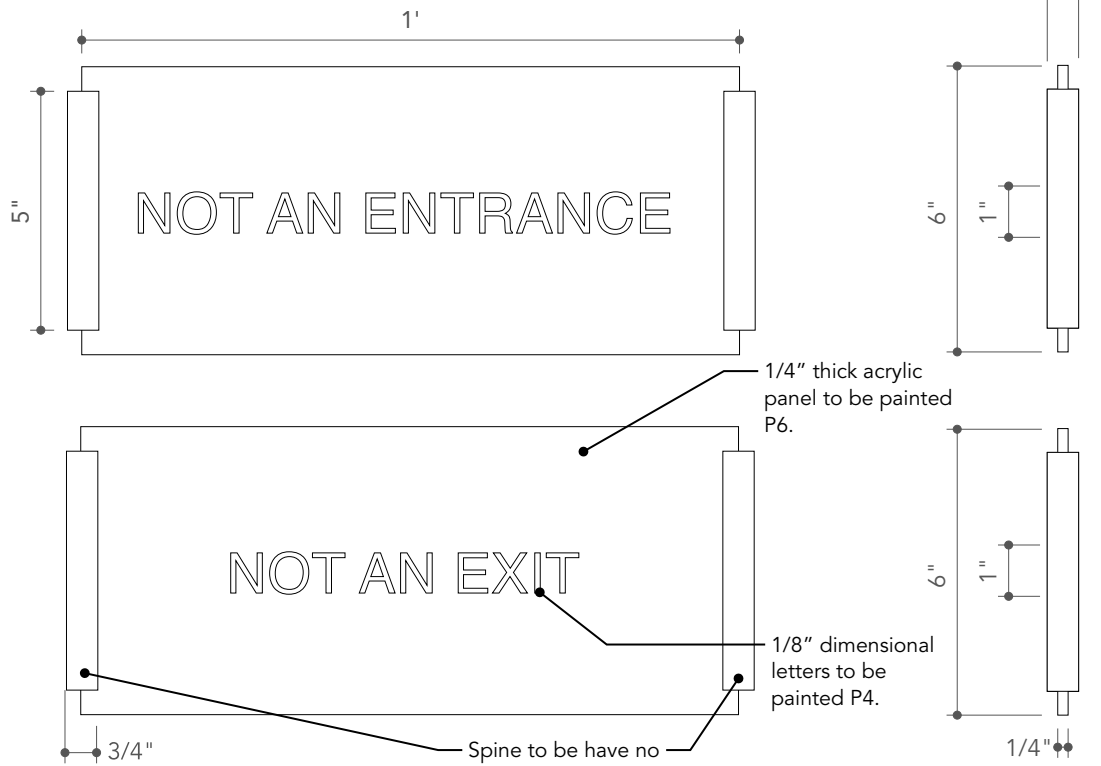
i.PP - Not an Entrance
i.QQ - Not an Exit



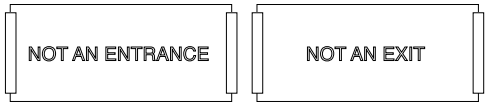
1 i.PP Door Sign - Mounting Option #2
Top View; Scale: 3"=1'-0"



2 i.PP Door Sign - Mounting Option #1
Top View; Scale: 3"=1'-0"

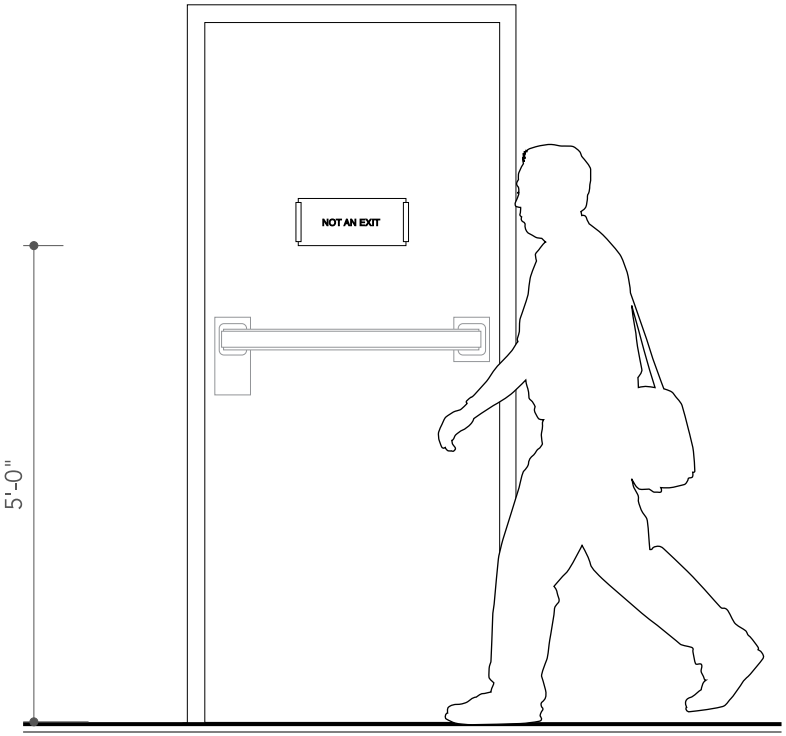


3 i.PP Door Sign
Front View; Scale: 3"=1'-0"
Note: All copy to be finalized and approved by CoLAPL.



5 i.PP Door Sign
Front View; Scale: 1 1/2"=1'-0"

4 i.PP Door Sign
Side View; Scale: 3"=1'-0"



6 i.PP Door Sign
Front Elevation View; Scale: 1/2"=1'-0"

Addendum #3 Sign Schedule

code	sign type	sign color callout requirement	recommended messaging*	patterns to use?**	material and detail references
i.KK	Room Occupancy Sign 10″ x 6″ x 3/4″	Spine to be P3 Letters to be P4 Panel to be P1	All final copy to comply with local codes. All final messaging to come from CoLAPL.	No Pattern.	- See page 1 Addendum #3 for sign specifications.
i.LL	Restroom Access Sign 10″ x 6″ x 3/4″	Panel to be P1 Spine to be P3 Letters to be P4	1. Please see staff for restroom access. All final messaging to come from CoLAPL.	No Pattern.	- See page 2 Addendum #3 for sign specifications.
i.MM	Roof Access Sign 10″ x 6″ x 3/4″	Panel to be P6 Spine to be P3 Letters to be P4	All final copy to comply with local codes.	No Pattern.	- See page 3 Addendum #3for sign specifications.
i.NN	Fire Riser Sign 10″ x 6″ x 3/4″	Panel to be P6 Spine to be P3 Letters to be P4	All final copy to comply with local codes.	No Pattern.	- See page 3 Addendum #3 for sign specifications.
i.PP	Not an Entrance 12″ x 6″ x 3/4″	Panel to be P6 Spine to be P3 Letters to be P4	All final messaging to come from CoLAPL. Door Plaque	No Pattern.	- See page 4 Addendum #3 for sign specifications.
i.QQ	Not an Exit 12″ x 6″ x 3/4″	Panel to be P6 Spine to be P3 Letters to be P4	All final messaging to come from CoLAPL. Door Plaque	No Pattern.	- See page 4 Addendum #3 for sign specifications.

LEGAL DESCRIPTION

ASSESSOR'S ID NO: 6322-009-903

PROPERTY BOUNDRY DESCRIPTION:
TRACT NO 1349 LOT COM N ON W LINE OF LOT A 245.18 FT AND N 88¢19' E 12 FT FROM SW COR OF SD LOT TH N 1¢41' W 120.46 FT WITH A UNIFORM DEPTH OF 180 FT N 88¢19' E PART OF LOT A

CODE PLAN GENERAL NOTES

1. SEE MAIN FLOOR PLAN, SHEETS A3.13 & A3.14 FOR DIMENSIONS AND WALL TYPE REFERENCES, SHEET A3.00.
2. SEE DOOR AND RELITE SCHEDULES, SHEET A8.00 AND DIVISION 8 SPECIFICATION FOR DOOR HARDWARE AND OTHER FIRE RATING REQUIREMENTS FOR DOORS AND RELITES.
3. SEE ELECTRICAL FOR EXIT SIGNS AND EMERGENCY EGRESS LIGHT FIXTURES.
4. ALL ASSEMBLY ROOMS SHALL BE POSTED WITH ROOM CAPACITY SIGNS PER CBC OR LACBC 103.2.2.5 AND DIVISION 10 SPECIFICATIONS.
5. LESS THAN 25% OF THE LINEAR FEET OF EACH WALL IN ALL 2-HOUR HORIZONTAL EXIT WALLS AND FIRE WALLS WILL BE PENETRATED.
6. SEE MECHANICAL AND ROOF PLAN, SHEET A4.10 FOR ROOF PENETRATIONS TO BE VERIFIED. NO PENETRATIONS ARE PERMITTED WITHIN 4'-0" OF FIRE WALL.
7. ARCHITECT SHALL REVIEW ALL DEFERRED SUBMITTALS AND VERIFY COMPLIANCE WITH THE DESIGN CONCEPT AND CODE REQUIREMENTS RELATING TO:
   A. MANUAL AND AUTOMATIC FIRE ALARM DRAWINGS.
   B. INSTALLATION DETAILS OF ACOUSTICAL CEILING SUSPENSION SYSTEM.
   C. INSTALLATION DETAILS OF MEMBRANE AND THROUGH PENETRATION FIRE STOPS, AND FIRE-RESISTIVE JOINT SYSTEMS.
   D. WRITTEN FIRE AND LIFE SAFETY EMERGENCY PLAN, WHICH SPECIFICALLY ADDRESSES THE EVACUATION OF PERSONS WITH DISABILITIES.

OMIT

3

8. A PROGRAM OF PROTECTION FOR ALL THROUGH PENETRATIONS AND MEMBRANE PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE REQUIRED. THIS PROGRAM SHALL APPLY AN 'F' RATING EQUAL TO THE FIRE RESISTIVE RATING OF THE COMPONENT BEING PENETRATED AS DEMONSTRATED BY THE MANUFACTURER OF THE PENETRATION PROTECTION SYSTEM THROUGH RECOGNIZED TESTING. ALL PENETRATIONS THROUGH ALL FIRE RATED ASSEMBLIES SHALL BE PROTECTED IN THIS MANNER.
9. AT JOINTS BETWEEN FIRE RESISTIVE ASSEMBLIES A FIRE RESISTIVE JOINT SYSTEM SHALL BE PROVIDED. SUBMIT MANUFACTURER'S LITERATURE DESCRIBING FIRE RATING TESTING AND SPECIFIC DETAIL REQUIREMENTS FOR THE INSTALLATION OF THE SYSTEM. IF REQUIRED TO COMPLY WITH MANUFACTURER'S REQUIREMENTS, SURROUNDING CONSTRUCTION SHALL BE MODIFIED, ONLY WITH PRIOR APPROVAL OF THE ARCHITECT, TO ALLOW FOR THE INSTALLATION OF THE PROPOSED SYSTEM.
10. INTERIOR WALL AND CEILING FINISHES SHALL CONFORM TO CBC OR LACBC SECTION 803 AND TABLE 803.11 FOR FLAME SPREAD REQUIREMENTS.
11. EGRESS SHALL NOT PASS-THROUGH KITCHENS, STORAGE ROOMS, CLOSETS AND SIMILAR SPACES. (1016.2)
12. ALL MEANS OF EGRESS DOORS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 1010.1
    A. MEANS OF EGRESS DOORS SHALL BE READILY DISTINGUISHABLE FROM THE ADJACENT CONSTRUCTION AND FINISH WITH NO MIRRORS, CURTAINS, DRAPES, DECORATIONS, OR SIMILAR MATERIALS.
    B. REQUIRED EXIT DOORS SHALL HAVE NOT LESS THAN 32-IN CLEAR WIDTH, 80-IN CLEAR HEIGHT, AND SHALL BE CAPABLE OF OPENING 90 DEGREES. THE MAXIMUM SWINGING DOOR LEAR WIDTH IS 48-IN NOMINAL.
    C. EGRESS DOORS SHALL BE OF THE PIVOTED OR SIDE-HINGED SWINGING TYPE.
    D. FOR OTHER SWINGING DOORS, AS WELL AS SLIDING AND FOLDING DOORS, THE DOOR LATCH SHALL RELEASE WHEN SUBJECTED TO A 15-POUND FORCE. WHEN THE HARDWARE OPERATES IN ROTATION, THE OPERATIONAL FORCE TO UNLATCH THE DOOR SHALL NOT EXCEED 28 INCH POUNDS. THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING EGRESS DOORS, OTHER THAN FIRE DOORS, SHALL NOT EXCEED 5 POUNDS. THE DOOR SHALL BE SET IN MOTION WHEN SUBJECTED TO A 30-POUND FORCE. THE DOOR SHALL SWING TO A FULL-OPEN POSITION WHEN SUBJECTED TO A 15-POUND FORCE.
13. SHOULD PANIC AND FIRE EXIT HARDWARE BE INSTALLED, THE FOLLOWING REQUIREMENTS SHALL BE SATISFIED.
    A. PANIC HARDWARE IS LISTED IN ACCORDANCE WITH UL 305.
    B. FIRE EXIT HARDWARE IS LISTED IN ACCORDANCE WITH UL 10C AND UL305.
    C. THE ACTUATING PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
    D. THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15-POUNDS.
    E. PIVOTED OR BALANCED DOORS SHALL BE OF THE PUSH-PAD TYPE WHERE PANIC HARDWARE IS REQUIRED, AND THE PAD SHALL NOT EXTEND ACROSS MORE THAN ONE-HALF OF THE DOOR WIDTH, MEASURED FROM THE LATCH SIDE. (1010.2.9.3)
14. STRUCTURAL ELEMENTS, FIXTURES, OR FURNISHINGS SHALL NOT PROJECT HORIZONTALLY FROM EITHER SIDE MORE THAN 4-IN OVER ANY WALKING SURFACE.
15. WHERE KEY-OPERATED LOCKING DEVICES ARE USED, POST A SIGN ON OR ADJACENT TO THE REQUIRED MAIN DOOR WITH 1-IN LETTERING STATING: "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED" (1010.2.4.)
16. THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF SECTION 1013 AND AS NOTED BELOW: (1013.1)
    A. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
    B. EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL.
    C. NO POINT SHALL BE MORE THAN 100-FT. OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.
17. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED. INTERNALLY ILLUMINATED EXIT SIGNS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND CHAPTER 27. EXTERNALLY ILLUMINATED EXIT SIGNS SHALL COMPLY WITH THE GRAPHICS AND POWER SOURCE REQUIREMENTS IN SECTIONS 1013.6.1 AND 1013.6.3, RESPECTIVELY. WHEN THE FACE OF AN EXIT SIGN IS ILLUMINATED FROM AN EXTERNAL SOURCE IT SHALL HAVE AN INTENSITY OF NOT LESS THAN 5-FOOTCANDLES (54 LUX). (1013.6.2)
18. ANY TIME A BUILDING OR A PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1-FOOTCANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. ALONG EXIT ACCESS STAIRWAYS, EXIT STAIRWAYS AND AT THEIR REQUIRED LANDINGS, THE ILLUMINATION LEVEL SHALL NOT BE LESS THAN 10-FOOTCANDLES (108 LUX) AT THE WALKING SURFACE WHEN THE STAIRWAY IS IN USE" (1008.2.1)
19. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED BY THE PREMISE'S ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM FOR THE FOLLOWING AREAS: (1008.3)
    A. AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.
    B. CORRIDORS, INTERIOR EXIT STAIRWAYS AND RAMPS, AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
    C. EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
    D. INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1028.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
    E. EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1010.1.6, FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
20. THE EMERGENCY POWER SYSTEM SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM WHICH IS TO PROVIDE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 1-1/2 HR. IN CASE OF PRIMARY POWER LOSS. CONTINUED ILLUMINATION IS TO BE PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR AND THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTER 2702. (1008.3.4)
21. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1-FOOTCANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1-FOOTCANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED. (1008.3.5)

PLUMBING FIXTURE CALCULATIONS

		REQUIRED FIXTURES					
		WCs MALE	WCs FEMALE	URINALS	LAVS MALE	LAVS FEMALE	DRINKING FOUNTAIN
B OCCUPANCY							
AREA:	2,953 SF						
OLF PER TABLE 4-1:	150						
TOTAL OCCUPANTS:	19.7	1	1	1	1	1	1
A-3 OCCUPANCY:							
AREA:	17,414 SF						
OLF PER TABLE 4-1:	50						
TOTAL OCCUPANTS:	348.3	2	4	2	1	2	1
LACPC TABLE 4-1 LIBRARIES INDICATES OCCUPANT LOAD FACTOR OF 50							
TOTAL REQUIRED		3	5	3	2	3	2
TOTAL PROVIDED		4	5	3	5	5	2

NOTE: HALF OF THE ALL GENDER RESTROOM FIXTURES (2 WCs AND 2 LAVS) ARE COUNTED TOWARDS MALE FIXTURE COUNTS AND HALF OF THE ALL GENDER RESTROOM FIXTURES (2 WCs AND 2 LAVS) ARE COUNTED TOWARDS FEMALE FIXTURE COUNTS.

BUILDING CODE ANALYSIS PER CBC 2022

GOVERNING CODES: AS INDICATED ON THE COVER SHEET G0.00

PROJECT ADDRESS: 6518 MILES AVENUE, HUNTINGTON PARK, CA 90255

YEAR BUILT: 1968

CONSTRUCTION TYPE: TYPE II-A; NON-SPRINKLERED
NEW: UNCHANGED

SEISMIC ZONE: SITE CLASS D

OCCUPANCY GROUPS: GROUP A-3 LIBRARY (MOST RESTRICTIVE AND USED TO DETERMINE OTHER CLASSIFICATIONS)
GROUP B BUSINESS / OFFICE
GROUP S STORAGE
NEW: UNCHANGED

NON SEPARATED OCCUPANCIES PER 508.3 WITH A-3 AS THE MOST RESTRICTIVE FOR HEIGHT, STORY, AREA CALCULATIONS AND CHAPTER 6 AND 9 REQUIREMENTS.

NUMBER OF STORIES & NEW: ALLOWABLE - A-3 OCC UNCHANGED 3 STORIES + BASEMENT, 65'-0"

BUILDING HEIGHT: NEW: ACTUAL UNCHANGED 3 STORIES, 63'-0"

BUILDING AREA: NEW: ALLOWABLE - A-3 OCC 15,500 SF; ACTUAL 14,315 SF; UNCHANGED

SEPARATION OF OCCUPANCIES: NO SEPARATION IS REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES (CBC 508.3.3)

FIRE RESISTANCE RATING FOR CONSTRUCTION TYPE II-A (CBC TABLE 601)

STRUCTURAL FRAME:	2 HR
EXTERIOR BEARING WALLS:	4 HR
INTERIOR BEARING WALLS:	1 HR
EXTERIOR NON-BEARING WALLS:	N/A
INTERIOR NON-BEARING WALLS:	0 HR
FLOOR & FLOOR / CEILING ASSEMBLIES:	1 HR
ROOF & ROOF/ CEILING ASSEMBLIES:	1 HR

NOTES - FIRE-RATED ASSEMBLIES:
1. REFER TO DETAILS ON SHEET A3.00 FOR TYPICAL FIRE RATED ASSEMBLIES LISTED ON THIS SHEET OR ELSEWHERE IN THE DRAWINGS.
2. FOR COMPREHENSIVE MATERIAL AND INSTALLATION INFORMATION NOT REPEATED IN DETAILS FOR FIRE RATED ASSEMBLIES, REFER TO COMPLETE DESCRIPTION OF EACH ASSEMBLY IN THE FOLLOWING, AS APPLICABLE:
   A. UL FIRE REISTANCE DIRECTORY
   B. CBC CHAPTER 7
   C. INDEPENDENT EVALUATION SERVICE REPORT
   D. MANUFACTURER'S FIRE-REISTANT ASSEMBLIES CATALOG
   E. MANUFACTURER'S LISTING REPORT & DESIGN CRITERIA
3. MAINTAIN A COPY OF EACH APPLICABLE DOCUMENT ON SITE.

AREA OF OPENINGS (CBC 705.8 AND TABLE 705.8. ALL ARE ASSUMING UNPROTECTED / NON-SPRINKLERED:

3 FEET TO LESS THAN 5 FEET:	NOT PERMITTED
5 FEET TO LESS THAN 10 FEET:	10%
10 FEET TO LESS THAN 15 FEET:	15%
15 FEET TO LESS THAN 20 FEET:	25%
20 FEET TO LESS THAN 25 FEET:	45%

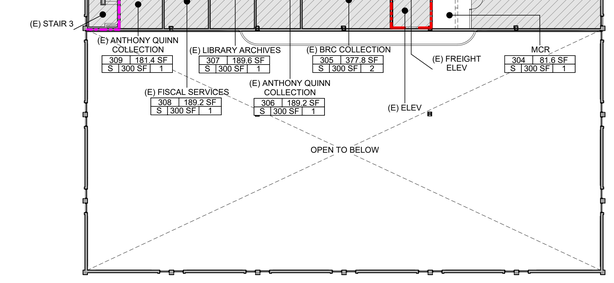
CBC TABLE 1006.3.1: MINIMUM NUMBER OF EXITS OR ACCESS TO EXITS PER STORY:
50-499 OCCUPANTS, 2 EXITS

PLAN LEGEND

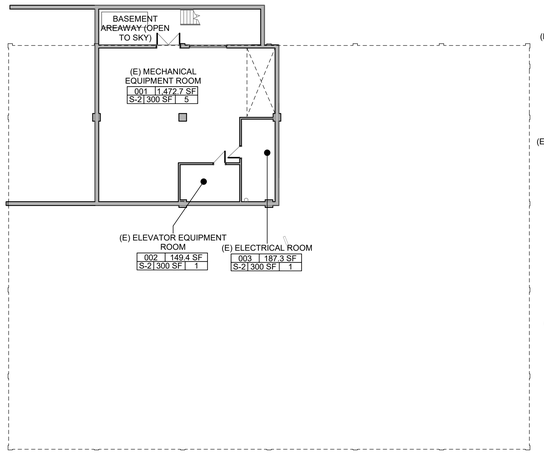
- (E) 2 HR WALLS
- (E) 1 HR WALLS; 60 MINUTE OPENINGS OCCUPANCY SEPARATION
- EXIT FROM ROOMS. NUMBER INDICATES THE CALCULATED ACCUMULATED LOAD AT THAT ROOM OR BUILDING EXIT. ARROW INDICATES EXIT DIRECTION.
- ROOM NAME — ROOM NUMBER; # #SF — ROOM AREA; # # # — OCCUPANT LOAD; OCCUPANCY LOAD FACTOR - TABLE 1004.1.2 OCCUPANCY
- AREA NOT IN SCOPE OF WORK

OCCUPANT LOAD SCHEDULE

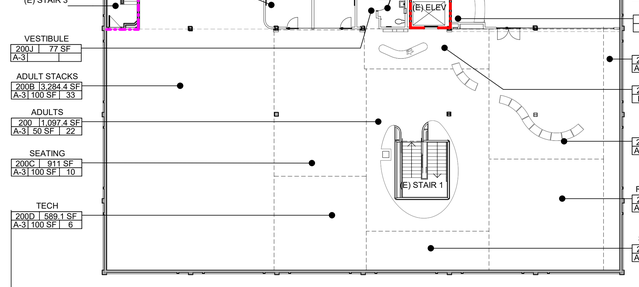
NUMBER	NAME	OCC	SH OLF	AREA	OCC LOAD
BASEMENT LEVEL					
001	(E) MECHANICAL EQUIPMENT ROOM	S-2	300 SF	1,473 SF	4.9
002	(E) ELEVATOR EQUIPMENT ROOM	S-2	300 SF	149 SF	0.5
003	(E) ELECTRICAL ROOM	S-2	300 SF	187 SF	0.6
				1,809 SF	6.0
LEVEL 1					
-	(E) FREIGHT ELEV			74 SF	0.0
-	(E) ELEV			78 SF	0.0
-	(E) STAIR 3			111 SF	0.0
-	(E) STAIR 2			124 SF	0.0
-	(E) SHAFT			125 SF	0.0
100	LOBBY	A-3	50 SF	650 SF	13.0
100A	CIRCULATION DESK	B	150 SF	736 SF	4.9
100B	WAITING	A-3	50 SF	347 SF	6.9
101	TEENS	A-3	50 SF	866 SF	17.3
101A	STACKS	A-3	100 SF	488 SF	4.9
101B	TEEN HUB	A-3	50 SF	183 SF	3.7
101D	TECH 1	A-3	50 SF	89 SF	1.8
102	CHILDREN'S	A-3	50 SF	1,123 SF	22.5
102A	CHILDREN'S STACKS	A-3	100 SF	813 SF	8.1
102B	PLAY	A-3	50 SF	310 SF	6.2
102C	TECH	A-3	50 SF	141 SF	2.8
103	THE STUDIO	A-3	50 SF	472 SF	9.4
104	STUDY T1	A-3	50 SF	139 SF	2.8
105	STUDY T2	A-3	50 SF	140 SF	2.8
106	TEEN LIBRARIAN	B	150 SF	113 SF	0.8
107	(E) CHILDREN'S LIBRARIAN	B	150 SF	140 SF	0.9
108	STAFF AREA	B	150 SF	733 SF	4.9
109	(E) CLM	B	150 SF	124 SF	0.8
110	VESTIBULE	A-3		85 SF	0.0
111	MEN'S TR	A-3		166 SF	0.0
112	WOMEN'S TR	A-3		142 SF	0.0
113	COMMUNITY MEETING ROOM	A-3	7 SF	776 SF	110.9
114	STOR	S-2	300 SF	36 SF	0.1
115	CORRIDOR	B		220 SF	0.0
115A	VESTIBULE	B		86 SF	0.0
116	STAFF TR2	B		56 SF	0.0
117	JC	S-2	300 SF	46 SF	0.2
118	STORAGE	S-2	300 SF	53 SF	0.2
119	STAFF TR1	B		61 SF	0.0
120	STORAGE	S-2	300 SF	132 SF	0.4
121	STAFF LOUNGE	A-3	50 SF	393 SF	7.9
125	(E) ARCADE			2,428 SF	0.0
				12,799 SF	234.1
LEVEL 2					
-	(E) FREIGHT ELEV			74 SF	0.0
-	(E) ELEV			78 SF	0.0
-	(E) SHAFT			82 SF	0.0
-	(E) STAIR 2			141 SF	0.0
-	(E) STAIR 3			180 SF	0.0
-	(E) STAIR 1			192 SF	0.0
200	ADULTS	A-3	50 SF	1,097 SF	21.9
200A	INFO DESK	B	150 SF	339 SF	2.3
200B	ADULT STACKS	A-3	100 SF	3,284 SF	32.8
200C	SEATING	A-3	100 SF	911 SF	9.1
200D	TECH	A-3	100 SF	589 SF	5.9
200E	SOFT SEATING	A-3	50 SF	326 SF	6.5
200F	READING ROOM	A-3	50 SF	866 SF	17.3
200G	COMMUNE	A-3	50 SF	1,019 SF	20.4
200H	PERIODICALS	A-3	100 SF	270 SF	2.7
200J	VESTIBULE	A-3		77 SF	0.0
201	AIRC INFO	B	150 SF	60 SF	0.4
201A	AIRC RESEARCH	A-3	50 SF	596 SF	11.9
201B	AIRC STACKS	A-3	100 SF	729 SF	7.3
202	AIRC OFFICE	B	150 SF	149 SF	1.0
203	AIRC GROUP STUDY	A-3	50 SF	163 SF	3.3
204	STUDY 2	A-3	50 SF	195 SF	3.9
205	STUDY 1	A-3	50 SF	174 SF	3.5
206	PUBLIC TR 1	A-3		51 SF	0.0
207	PUBLIC TR 2	B		56 SF	0.0
210	STAFF WORK AREA	B	150 SF	1,380 SF	9.2
211	(E) JC	S-2	300 SF	34 SF	0.1
212	CORRIDOR	B		203 SF	0.0
215	STAFF TR 2	B		59 SF	0.0
216	STAFF TR 1	B	0 SF	75 SF	0.0
				13,447 SF	159.5
LEVEL 3					
-	(E) FREIGHT ELEV			73 SF	0.0
-	(E) ELEV			81 SF	0.0
-	(E) STAIR 2			120 SF	0.0
-	(E) STAIR 3			219 SF	0.0
- 3	(E) SHAFT			81 SF	0.0
300	(E) CORRIDOR	B		484 SF	0.0
301	(E) WOMEN'S TR (STAFF)	B		95 SF	0.0
302	(E) MEN'S TR (STAFF)	B		70 SF	0.0
303	(E) REGIONAL OFFICE STORAGE	B	300 SF	1,506 SF	5.0
303A	(E) REGIONAL OFFICE WORK AREA	B	150 SF	144 SF	1.0
303B	CLOSET	S-2	300 SF	35 SF	0.1
304	MCR	S	300 SF	82 SF	0.3
305	(E) BRC COLLECTION	S	300 SF	378 SF	1.3
306	(E) ANTHONY QUINN COLLECTION	S	300 SF	189 SF	0.6
307	(E) LIBRARY ARCHIVES	S	300 SF	190 SF	0.6
308	(E) FISCAL SERVICES	S	300 SF	189 SF	0.6
309	(E) ANTHONY QUINN COLLECTION	S	300 SF	181 SF	0.6
310	(E) TEMPORARY STORAGE	S	300 SF	141 SF	0.5
310A	CLOSET	S-2	300 SF	11 SF	0.0
311	(E) REF. SERVICES MICRO / SERIAL	S	300 SF	877 SF	2.9
312	(E) JC	S	300 SF	42 SF	0.1
				5,189 SF	13.7



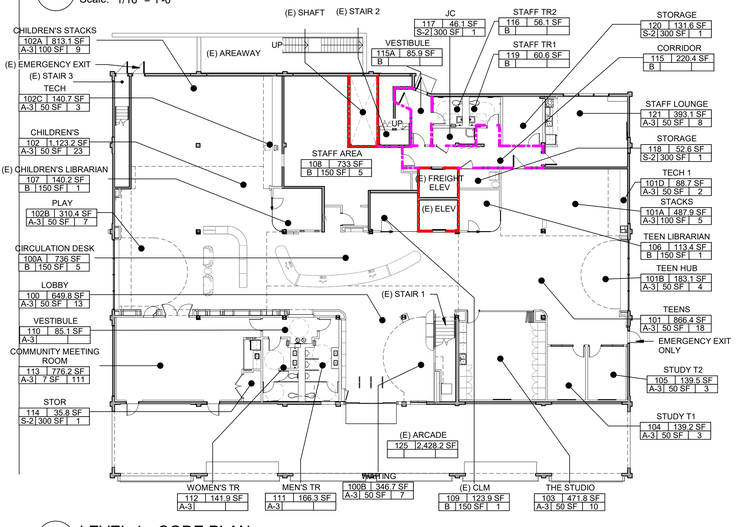
3 LEVEL 3 - CODE PLAN
Scale: 1/16" = 1'-0"



4 BASEMENT - CODE PLAN
Scale: 1/16" = 1'-0"



1 LEVEL 2 - CODE PLAN
Scale: 1/16" = 1'-0"



2 LEVEL 1 - CODE PLAN
Scale: 1/16" = 1'-0"

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REVISIONS

3	ADD-1	08/15/25

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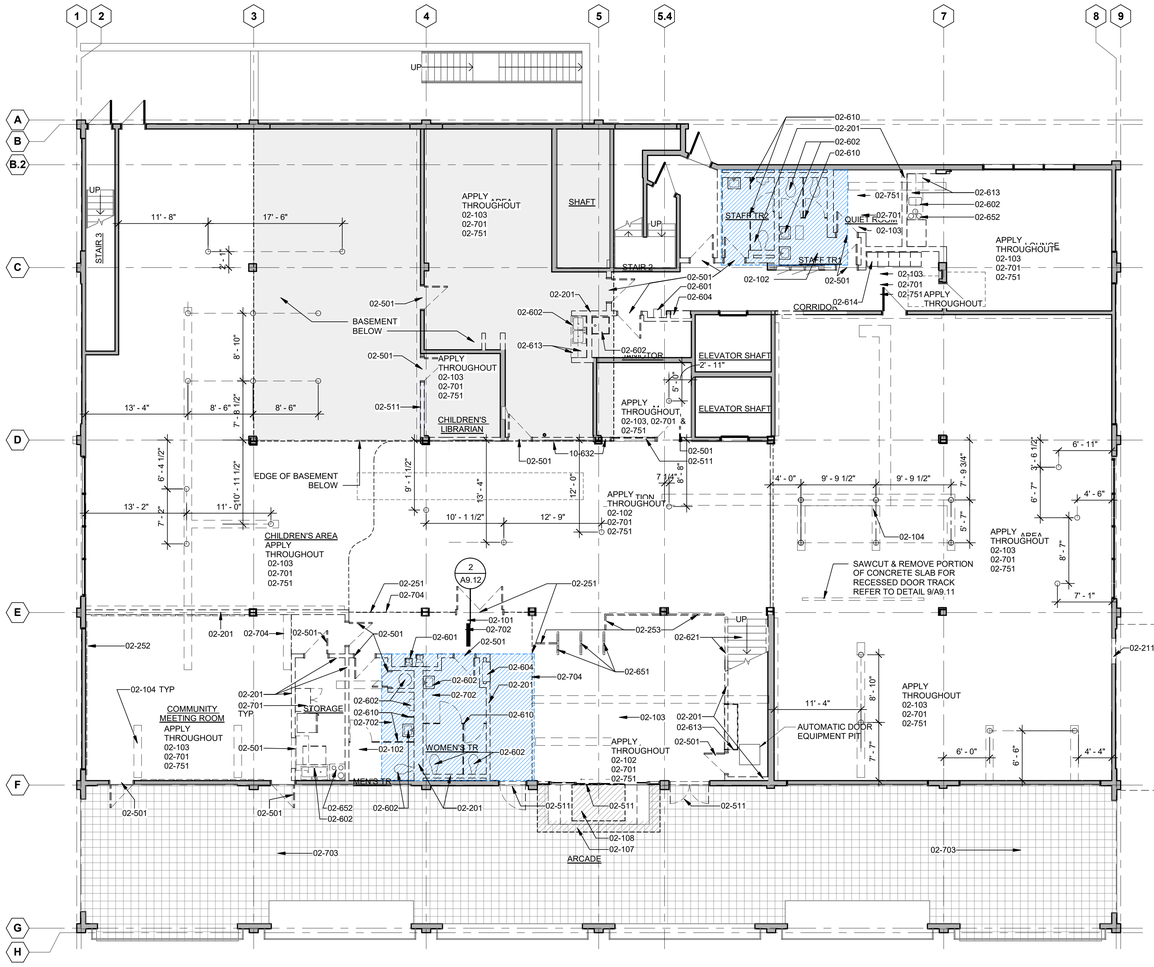
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CHECKED	Checker
DATE	11/01/2024

CODE PLAN

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1 LEVEL 1 - DEMOLITION PLAN
1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. THE DEMOLITION PLANS INCLUDE THE SCOPE OF DEMOLITION WORK REQUIRED PRIOR TO STARTING THE MODERNIZATION WORK, BUT ARE NOT INTENDED TO INCLUDE ALL OF THE DETAIL REQUIREMENTS. ALL DEMOLITION WORK NOT SHOWN ON DRAWINGS OR SPECIFIED WHICH IS REQUIRED FOR COMPLETION OF WORK INCLUDED IN THE CONTRACT DOCUMENTS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
2. COORDINATE ALL DEMOLITION WORK WITH ALL TRADES AND REVIEW DRAWINGS FOR EXACT LOCATIONS OF ALL OPENINGS, ETC., PRIOR TO STARTING WORK.
3. ALL EXISTING WALLS, STRUCTURE, DOORS AND OTHER ITEMS TO REMAIN ARE SHOWN AS SOLID LINES OR INDICATED AS SUCH BY NOTE. ALL STRUCTURAL MEMBERS, SLABS AND ROOF STRUCTURE/DECKS ARE TO REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE. ALL STRUCTURE, WALLS, DOORS, WINDOWS, CABINETRY, EQUIPMENT, FIXTURES, ETC., TO BE REMOVED ARE SHOWN DASHED OR NOTED AS SUCH. REMOVE ALL ACCESSORIES, EQUIPMENT, FIXTURES, FINISHES OTHER THAN PAINT, ETC. ... WHETHER SPECIFICALLY SHOWN OR NOT, UNLESS NOTED OTHERWISE.
4. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR DESCRIPTION OF WORK UNDER THOSE SUBCONTRACTORS, INCLUDING UTILITIES AND FIXTURES (I.E., SINKS, TOILET FIXTURES, EXTERIOR LIGHT FIXTURES) SHOWN TO BE REMOVED ON THIS PLAN.
5. SEE SITE PLAN, ROOF PLAN, BUILDING ELEVATIONS, DETAILS AND STRUCTURAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION RELATING TO THOSE AREAS OF WORK AND NOT SPECIFICALLY NOTED HERE.
6. EXTERIOR WALLS TO BE REMOVED ARE GENERALLY MASONRY OR CONCRETE.
7. INTERIOR WALLS TO BE REMOVED ARE GENERALLY METAL STUDS AND PLASTER, UNLESS NOTED OTHERWISE.
8. ALL STRUCTURAL MEMBERS INCLUDING BEARING WALLS AFFECTED BY THIS DEMOLITION ARE TO BE VERIFIED AND ADEQUATELY SHORED BEFORE REMOVAL.
9. ALL EXISTING FINISH FLOORING IS TO BE REMOVED TO EXISTING SUBFLOOR, UNLESS NOTED OTHERWISE. ALL EXISTING FINISH FLOORING IS ASSUMED TO BE VCT OR SHEET VINYL UNLESS NOTED OTHERWISE. INFILL, PATCH AND REPAIR ALL DAMAGED SURFACES AS NECESSARY TO PREP FOR NEW FLOORING INCLUDING AT REMOVED WALLS.
10. ALL EXISTING CEILINGS INCLUDING ACOUSTICAL TILE, GRIDS, GYPSUM BOARD, FURRING, INSULATION, LIGHT FIXTURES, MECHANICAL GRILLES, AND OTHER CEILING-MOUNTED ACCESSORIES AND EQUIPMENT UP TO UNDERSIDE OF STRUCTURE ARE TO BE REMOVED UNLESS NOTED OTHERWISE.
11. DOORS SHOWN TO BE REMOVED INCLUDE DOORS, FRAMES, SIDELITES, TRANSOMS, THRESHOLDS, CENTER POSTS, PIPE RAILS, HARDWARE ANCHORS, STOPS AND ADJACENT FURRING TO FULLY REVEAL ROUGH OPENING.
12. ALL CONCRETE WALL REMOVAL IS TO BE REMOVED BY SAWCUTTING. PATCH AND REPAIR EXPOSED WALLS DAMAGED BY REMOVAL OF WORK AND LEAVE IN NEAT, CLEAN, FINISHED CONDITION. PROVIDE REQUIRED SUPPORT OF NEW OPENING REFE TO STRUCTURAL DETAIL.
13. NEW WALL OPENINGS IN EXISTING WALLS NOT DIMENSIONED ON THIS PLAN ARE SHOWN ON THE FLOOR PLANS. NEW OPENINGS IN EXISTING CONCRETE WALLS ARE TO BE SAWCUT.
14. PATCH AND REPAIR ALL DAMAGED AREAS AFFECTED BY THIS WORK.
15. MISC NEW WORK TRIGGERED BY DEMOLITION IS SHOWN HERE ON DEMOLITION PLANS.
16. REMOVE EXISTING FLOOR SLABS AS REQUIRED FOR NEW PAD & CONTINUOUS FOOTINGS. COORDINATE WITH STRUCTURAL DRAWINGS. PROVIDE NEW 4" CONC SLAB INFILL OVER VAPOR BARRIER AND SPEC'D SUBSTRATE GRAVEL AFTER COLFOOTINGS ARE INSTALLED.
17. ALL VOIDS IN GRADE OR BELOW SLABS RESULTING FROM THIS WORK ARE TO BE FILLED WITH COMPACTED STRUCTURAL FILL OR CONTROLLED DENSITY FILL TO REQUIRED NEW ELEVATION PRIOR TO CONTINUING CONSTRUCTION.
18. REMOVAL OF EXISTING EXTERIOR WALLS INCLUDES REMOVAL OF ASSOCIATED FOUNDATION WALL & FOOTING, UNLESS NOTED OTHERWISE. SEE CODED NOTES AND STRUCTURAL DRAWINGS FOR FURTHER CLARIFICATION.
19. SEE SPECIFICATIONS FOR HAZARDOUS MATERIAL REMOVAL REQUIREMENTS.
20. AT INTERIOR CMU WALLS SHOWN TO BE REMOVED, VERIFY THE EXISTENCE OF FOUNDATION WALLS AND FOOTINGS, IF NOT SPECIFICALLY NOTED TO BE REMOVED ON THESE DRAWINGS OR STRUCTURAL DRAWINGS, THESE FOUNDATION WALLS MAY BE ABANDONED IN PLACE. REMOVE TOP 3" OF FOUNDATION WALL AND FILL WITH CONCRETE FLUSH TO ADJACENT SURFACE
21. REMOVE ALL MILLWORK THROUGH-OUT INCLUDING ALL FASTENER & SUPPORTS. PREPARE ALL SUB-SURFACES TO RECEIVE NEW FINISHES.
22. PROVIDE PENETRATIONS THROUGH FLOOR SLAB FOR ELECTRICAL POWER AND DATA OUTLETS REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS. TYPICAL THROUGH-OUT.

DEMO LEGEND

- (E) WALL TO BE REMOVED
- (E) WALL TO REMAIN
- (E) DOOR TO BE REMOVED
- (E) DOOR TO REMAIN
- (E) FLOOR SLAB TO BE REMOVED AND REPLACED
- CORE DRILL (E) SLAB FOR ELECTRICAL FLOOR BOXES PRIOR TO CORE DRILLING, SCAN TO CONFIRM LOCATION AND AMOUNT OF (E) REBAR. PROVIDE MARK-UP FOR A/E TEAM'S REVIEW.
- (E) FLOOR SLAB TO BE PREPARED FOR TILE FLOORING
- (E) FLOOR SLAB TO BE REMOVED

KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
02-101	SAWCUT & REMOVE PORTION OF SLAB IN PREPARATION FOR NEW TILE & SETTING BED FLOOR
02-102	CERAMIC TILE FLOOR FINISH & RELATED SETTING BED TO BE REMOVED. PREPARE SUB-FLOOR FOR NEW FINISH
02-103	FLOOR FINISH AND BASE TO BE REMOVED. PREPARE FLOOR FOR NEW FINISH
02-104	SAWCUT & REMOVE PORTION OF CONCRETE FLOOR SLAB AS REQUIRED TO INSTALL ELECTRICAL CONDUIT AND FLOOR BOXES
02-107	PAVING TILES & ASSOCIATED SETTING BED TO BE REMOVED. CUT AT JOINT LINES. COORDINATE WITH FIRST FLOOR IMPROVEMENT PLAN. PREPARE SLAB TO RECEIVE NEW WALK-OFF MAT.
02-108	WALK OFF MAT AND ASSOCIATED EDGE TRIM TO BE REMOVED COMPLETELY. PREPARE SLAB FOR NEW WALK-OFF MAT.
02-201	PARTITIONS TO BE REMOVED COMPLETELY W/ALL ASSOCIATED ANCHORS & ATTACHMENTS
02-211	SAWCUT & REMOVE PORTION OF EXTERIOR CONCRETE WALL IN PREPARATION FOR NEW DOOR OPENING
02-251	ORNAMENTAL GRILLE AND GATE W/ALL HARDWARE & EMBEDMENTS TO BE REMOVED
02-252	WALL PANELS W/ALL ANCHORS TO BE REMOVED, PREPARE WALL SURFACE FOR NEW FINISH
02-253	DECORATIVE WOOD PARTITION W/ ALL ANCHORS & ATTACHMENTS TO BE REMOVED
02-501	DOORS, FRAMES & HARDWARE INCLUDING ALL ANCHORS & ATTACHMENTS TO BE REMOVED
02-511	STOREFRONT DOORS, FRAMES AND HARDWARE W/ALL ANCHORS & ATTACHMENTS TO BE REMOVED
02-601	DRINKING FOUNTAINS TO BE REMOVED, COORDINATE W/PLUMBING DRAWINGS PIPING TO BE RE-USED
02-602	PLUMBING FIXTURES TO BE REMOVED, TYP. CAP PLUMBING PIPING BEHIND FINISH WALL SURFACES / BELOW FLOOR CEILING SPACE, COORDINATE W/PLUMBING DRAWINGS
02-604	FIRE HOSE AND FIRE HOSE CABINETS TO BE REMOVED, CAP PIPING BEHIND FINISH SURFACES. COORDINATE WITH PLUMBING DRAWINGS.
02-610	TOILET PARTITIONS / SCREENS (INCLUDING ALL HARDWARE, ANCHORS AN ATTACHMENTS) TO BE REMOVED
02-613	CASEWORK W/ALL ANCHORS & ATTACHMENTS TO BE REMOVED
02-614	LOCKERS TO BE REMOVED AND SALVAGED & STORED FOR RE-INSTALLATION
02-621	STAIR HANDRAILS INCLUDING FLAT STEEL PICKETS, STAIR TREAD SURFACE FINISH AND RISER SURFACE FINISH TO BE REMOVED. MAINTAIN AND PROTECT STAIR STRUCTURAL ELEMENTS. PREPARE ALL SURFACES TO RECEIVE NEW RAILING AND STAIR FINISHES.
02-651	LIBRARY SECURITY BOOK DETECTION SYSTEM TO BE REMOVED AND SALVAGED & STORED FOR RE-INSTALLATION (WORK TO BE DONE BY OWNER)
02-652	DISCONNECT & REMOVE RANGE COORDINATE W/PLUMBING DRAWINGS
02-701	ACOUSTICAL CEILING W/RELATED SUSPENSION SYSTEM TO BE REMOVED COMPLETELY
02-702	HARD LID CEILINGS W/ ALL RELATED FRAMING & ANCHORS TO BE REMOVED COMPLETELY
02-703	PORTION OF PLASTER CEILING TO BE REMOVED AS REQUIRED TO INSTALL ELECTRICAL / LV FLOOR BOXES ON SECOND FLOOR. PATCH AND REPAIR PLASTER CEILING TO MATCH EXISTING AFTER FLOOR BOX INSTALLATION
02-704	SOFFIT W/ALL RELATED FRAMING & ANCHORS TO BE REMOVED COMPLETELY
02-751	LIGHTING FIXTURES W/ALL RELATED CONDUIT & WIRING TO BE REMOVED, COORDINATE W/ ELECTRICAL DRAWINGS
10-632	INFILL WALL OPENING WHERE FIRE HOSE CABINET HAS BEEN REMOVED, CAP PIPING BEHIND FINISH SURFACES

REVISIONS

	Revision 2	Date 2
3	ADD-1	08/15/25

CONSTRUCTION DOCUMENTS

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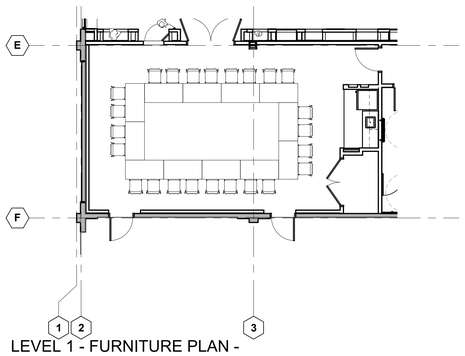
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FIRST FLOOR DEMOLITION PLAN AND NOTES

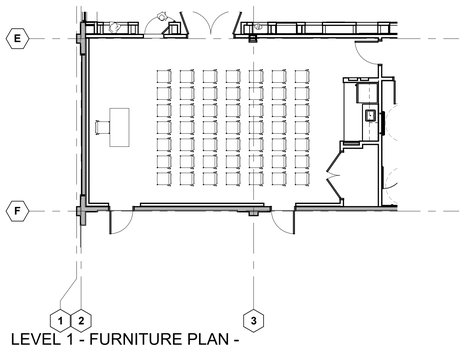
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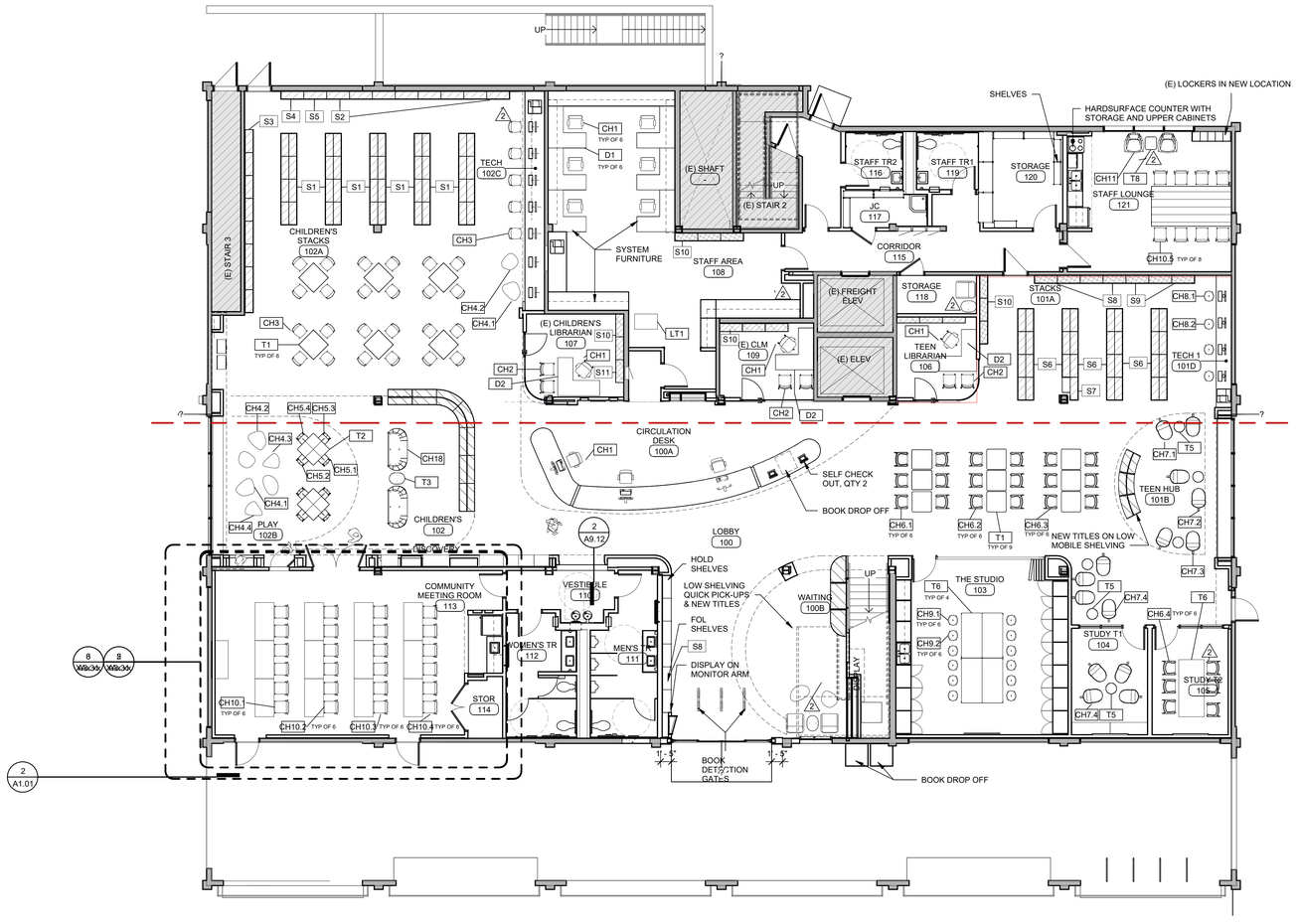
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2 LEVEL 1 - FURNITURE PLAN - COMMUNITY MTG ROOM OPTION2
Scale: 1/8" = 1'-0"



3 LEVEL 1 - FURNITURE PLAN - COMMUNITY MTG ROOM OPTION3
Scale: 1/8" = 1'-0"



1 LEVEL 1 - FURNITURE PLAN
Scale: 1/8" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO FIELD VERIFY CLEARANCES PRIOR TO PURCHASING FF&E.
2. SHELVING TO BE STEEL CANTILEVERED SHELVING UNITS, COLOR, LIGHT GREY WITH BLACK BASE. (ESTEY SHELVING, BY YAMADA ENTERPRISES)
3. SHELVING UNITS TO BE ANCHORED TO WALL AND FREE STANDING UNITS TO BE ANCHORED TO CONC SLAB.
4. SHELVING UNITS 60" TALL AND LOWER TO HAVE CANOPIES.
5. SHELVING UNITS TALLER THAN 60" TO HAVE LAMINATE END PANELS WITH GRAPHICS ON EACH END AND CLEAR ACRYLIC SLEEVE, PER LOS ANGELES COUNTY PUBLIC LIBRARY SIGNS STANDARDS MANUAL.
6. REFERENCE SHEET A3.33 FOR FURNITURE FINISH SCHEDULE AND SHEET A3.20 FOR MATERIAL LEGEND.
7. REFERENCE SHEET T0.09 FOR AV EQUIPMENT MATRIX.

REVISIONS
2 Post-Plan Check Changes 7/31/25
3 ADD-1 08/15/25

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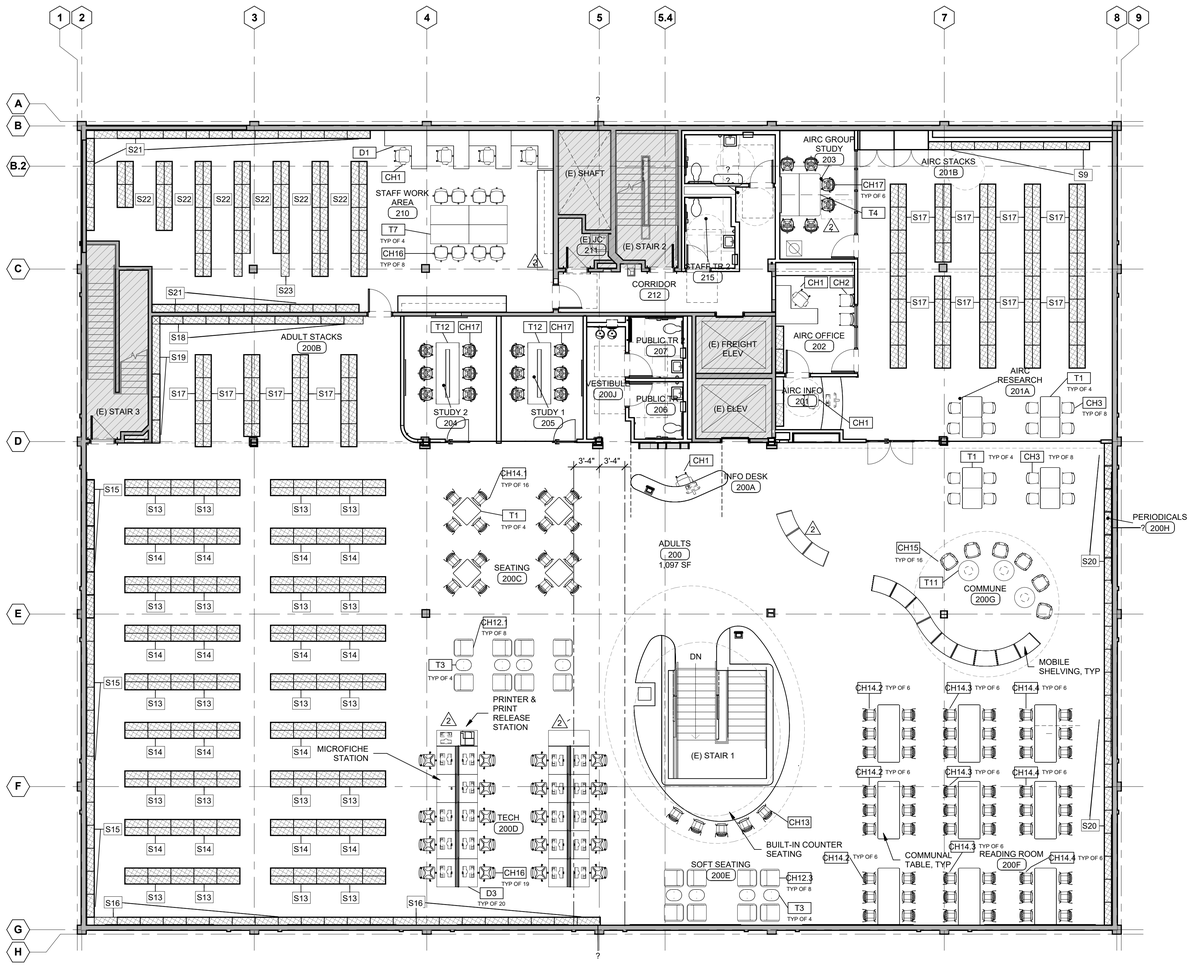
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FIRST FLOOR FURNITURE PLAN

A3.31

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1 LEVEL 2 - FURNITURE PLAN
Scale: 1/8" = 1'-0"

GENERAL NOTES
1. CONTRACTOR TO FIELD VERIFY CLEARANCES PRIOR TO PURCHASING FF&E.
2. SHELVING TO BE STEEL CANTILEVERED SHELVING UNITS, COLOR, LIGHT GREY WITH BLACK BASE. (ESTEY SHELVING, BY YAMADA ENTERPRISES)
3. SHELVING UNITS TO BE ANCHORED TO WALL AND FREE STANDING UNITS TO BE ANCHORED TO CONC SLAB.
4. SHELVING UNITS 60" TALL AND LOWER TO HAVE CANOPIES.
5. SHELVING UNITS TALLER THAN 60" TO HAVE LAMINATE END PANELS WITH GRAPHICS ON EACH END AND CLEAR ACRYLIC SLEEVE, PER LOS ANGELES COUNTY PUBLIC LIBRARY SIGNS STANDARDS MANUAL.
6. REFERENCE SHEET A3.33 FOR FURNITURE FINISH SCHEDULE AND SHEET A3.20 FOR MATERIAL LEGEND.
7. REFERENCE SHEET T0.09 FOR AV EQUIPMENT MATRIX.

REVISIONS
2 Post-Plan Check Changes 7/31/25
3 ADD-1 08/15/25

95% CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
RICHARD D. PETER
No. C-34809
Exp. 8-31-25
STATE OF CALIFORNIA

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DATE	11/01/2024

SECOND FLOOR FURNITURE PLAN

A3.32

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Attachment 10

FURNITURE SCHEDULE

Tag No.	Type	Quantity	Manufacturer	Description	Size	Materials 1; 2; 3…	Color A; B; C…	Notes
BD1	Book Drop	3						5
CH1	Chair - Task	19	MillerKnoll	Verus Task Chair	W: 26.3–28" D: 25.3–25.8" H: 39.3–43.3"	Fabric Seat; Fabric Backrest; Steel Frame	A: Herman Miller, Interweave 2 Slate-36505; B: Herman Miller, Tailored Black-23512; C: Herman Miller, Dark Carbon-DCR	1
CH2	Chair - Side	8	MillerKnoll	Verus Side Chair	W: 19.3–24.8" D: 23.5" H: 32.9"	Fabric Seat; Fabric Backrest; Steel Frame	A: Herman Miller, Tailored Black-23512; B: Herman Miller, Interweave 2 Blue Grotto-36504; C: Herman Miller, Peacock Blue-PBL	1
CH3	Chair - Stacking	53	Hightower	Fourcast, 4 Leg	w20.3 d20 h33.5 (in)	**TBD**	**TBD**	1
CH4.1	Chair - Children	2	Fresh Coast	Beach Stones	**TBD**	Fabric	Carnegie, Moto 6084-7	1
CH4.2	Chair - Children	2	Fresh Coast	Beach Stones	**TBD**	Fabric	Carnegie, Moto 6084-8	1
CH4.3	Chair - Children	2	Fresh Coast	Beach Stones	**TBD**	Fabric	Carnegie, Moto 6084-10	1
CH4.4	Chair - Children	2	Fresh Coast	Beach Stones	**TBD**	Fabric	Carnegie, Moto 6084-11	1
CH5.1	Chair - Children	2	Fresh Coast	Quince Children's Chair	W: 15.75" H: 25" D: 16.75" 14" Seat Height	Veneer Seat; Veneer Leg	A: Leland, Limelight-33M; B: Leland, Natural Maple-11M	1
CH5.2	Chair - Children	2	Fresh Coast	Quince Children's Chair	W: 15.75" H: 25" D: 16.75" 14" Seat Height	Veneer Seat; Veneer Leg	A: Leland, Arctic II-16M; B: Leland, Natural Maple-11M	1
CH5.3	Chair - Children	2	Fresh Coast	Quince Children's Chair	W: 15.75" H: 25" D: 16.75" 14" Seat Height	Veneer Seat; Veneer Leg	A: Tangerine-40M; B: Leland, Natural Maple-11M	1
CH5.4	Chair - Children	2	Fresh Coast	Quince Children's Chair	W: 15.75" H: 25" D: 16.75" 14" Seat Height	Veneer Seat; Veneer Leg	A: Caribbean II-48M; B: Leland, Natural Maple-11M	1
CH6.1	Chair	6	Division Twelve	Brat	W: 17.25" D: 20.25" H: 27"	Wood Seat; **Metal Leg**	A: White Oak; B: **TBD**	1
CH6.2	Chair	6	Division Twelve	Brat	W: 17.25" D: 20.25" H: 27"	Wood Seat; **Metal Leg**	A: White Oak; B: **TBD**	1
CH6.3	Chair	6	Division Twelve	Brat	W: 17.25" D: 20.25" H: 27"	Wood Seat; **Metal Leg**	A: White Oak; B: **TBD**	1
CH6.4	Chair	6	Division Twelve	Brat	W: 17.25" D: 20.25" H: 27"	Wood Seat; **Metal Leg**	A: White Oak; B: **TBD**	1
CH7.1	Chair - Soft	3	Naughtone	Pippin Chair with Handle	w21 d30 h30 seat 15.5 (in)	Fabric Seat; Rubber Handle	A: WolfGordon WSW 9561 Pomegranate; B: Naughtone Black Grey RAL 7021	1
CH7.2	Chair - Soft	3	Naughtone	Pippin Chair with Handle	w21 d30 h30 seat 15.5 (in)	Fabric Seat; Rubber Handle	A: WolfGordon WSW 9574 Peacock; B: Naughtone Pale Green RAL 6021	1
CH7.3	Chair - Soft	3	Naughtone	Pippin Chair with Handle	w21 d30 h30 seat 15.5 (in)	Fabric Seat; Rubber Handle	A: WolfGordon WSW 9575 Imperial; B: Naughtone Pastel Blue RAL 5024	1
CH7.4	Chair - Soft	5	Naughtone	Pippin Chair with Handle	w21 d30 h30 seat 15.5 (in)	Fabric Seat; Rubber Handle	A: WolfGordon WSW 9565 Harvest; B: Naughtone Light Pink RAL 3015	1
CH8.1	Chair - Stool	2	Division Twelve	Dek Barstool	W: 16" D: 15.5" H: 30"	Wood Top; Metal Leg	A: Division Twelve, Solid Natural White Oak Wood; B: Division Twelve, RC 1205 - Division Orange	1
CH8.2	Chair - Stool	2	Division Twelve	Dek Barstool	W: 16" D: 15.5" H: 30"		A: Division Twelve, Solid Natural White Oak Wood; B: Division Twelve, RC 1013 - Oyster Lime	1
CH9.1	Chair - Stool	6	Division Twelve	Dek Dining Stool	W: 16" D: 13" H: 18"	Wood Top; Metal Leg	A: Division Twelve, Solid Natural White Oak Wood; B: Division Twelve, RC 1205 - Division Orange	1
CH9.2	Chair - Stool	6	Division Twelve	Dek Dining Stool	W: 16" D: 13" H: 18"	Wood Top; Metal Leg	A: Division Twelve, Solid Natural White Oak Wood; B: Division Twelve, RC 1013 - Oyster Lime	1
CH10.1	Chair - Stacking	6	SitOnIt	Baja Stacker with Seat Pad	**TBD**	Plastic Seat; **Metal Leg**	A: Lemon SC25; B: **TBD**	1
CH10.2	Chair - Stacking	6	SitOnIt	Baja Stacker with Seat Pad	**TBD**	Plastic Seat; **Metal Leg**	A: Apple SC24; B: **TBD**	1
CH10.3	Chair - Stacking	6	SitOnIt	Baja Stacker with Seat Pad	**TBD**	Plastic Seat; **Metal Leg**	A: Slate SC8; B: **TBD**	1
CH10.4	Chair - Stacking	6	SitOnIt	Baja Stacker with Seat Pad	**TBD**	Plastic Seat; **Metal Leg**	A: Lagoon SC15; B: **TBD**	1
CH10.5	Chair - Stacking	8	SitOnIt	Baja Stacker with Seat Pad	**TBD**	Plastic Seat; **Metal Leg**	A: Tangerine SC23; B: **TBD**	1
CH11	Chair - Soft	2	SitOnIt	Gobi, Auto Return	W: 30.25" D: 31" H: 31.5"	Fabric Seat; Fabric Backrest; **Metal Leg**	A: Architex Dupioni Fiddle Head; B: Architex Dupioni Casbah; C: **TBD**	1
CH12.1	Chair - Soft	8	Naughtone	Percy Chair	w28 d30 h29 seat 18 (in)	Fabric Seat; Metal Leg	A: Carnegie, Escapade 6034-11; B: Steel Blue RAL 5011	1
CH12.2	Chair - Soft	8	Naughtone	Percy Chair	w28 d30 h29 seat 18 (in)	Fabric Seat; Metal Leg	A: Momentum, Native EPU - Rouge; B: Steel Blue RAL 5011	1
CH13	Chair - Stool	5	Naughtone	Polly Counter Height Stool, 4 Leg Base	w 22.5 d21 h39.5 seat 25.5 (in)	Polypropylene Shell; Metal Leg	A: Pale Green RAL 6021; **TBD** B: Yellow RAL 1012; **TBD** C: Pastel Blue RAL 5024; **TBD** D: Stone Grey RAL 7030; **TBD**	1
CH14.1	Chair - Stacking	16	Naughtone	Polly Chair, 4 Leg Base	w20 d21 h31seat 17.5 (in)	Polypropylene Shell; **Metal Leg**	A: Pale Green RAL 6021; B: **TBD**	1
CH14.2	Chair - Stacking	18	Naughtone	Polly Chair, 4 Leg Base	w20 d21 h31seat 17.5 (in)	Polypropylene Shell; **Metal Leg**	A: Yellow RAL 1012; B: **TBD**	1
CH14.3	Chair - Stacking	18	Naughtone	Polly Chair, 4 Leg Base	w20 d21 h31seat 17.5 (in)	Polypropylene Shell; **Metal Leg**	A: Pastel Blue RAL 5024; B: **TBD**	1
CH14.4	Chair - Stacking	18	Naughtone	Polly Chair, 4 Leg Base	w20 d21 h31seat 17.5 (in)	Polypropylene Shell; **Metal Leg**	A: Stone Grey RAL 7030; B: **TBD**	1
CH15	Chair - Soft	6	Naughtone	Always Lounge Chair	w31 d31.5 h36.5 seat 16.5 (in)	Fabric Seat; Fabric Backrest; Metal Leg	A: Justin David Malibu - Dew Drops; B: Architex Dupioni - Indigo; C: Steel Blue RAL 5011	1
CH16	Chair - Task	27	Senator	Ad-Lib Lite Task Chair	**TBD**	Fabric Seat; Plastic Backrest; Plastic Frame	A: Senator, Camira Synergy Grade 4 LDS65; B: Senator Plastic Finishes Seating Anthracite; C: Senator, Anthracite	1
CH17	Chair - Task	18	SitOnIt	Lumin Light Task	w26.8 d26.8 h31.7-36.7 (in)	Plastic Backrest; Fabric Seat	A: **TBD**; B: **TBD**	1
CH18	Chair - Sofa	2	Naughtone	Ever Two Seat Sofa, UPH: G4	**TBD**	Metal Leg; Fabric Seat; Fabric Backrest	A: Steel Blue RAL 5011; B: Carnegie, Dotty Print 6950-3; C: Stinson, Flanders FLA66 Polynesia	1
CP1	Computer	16		Computer and Flat Panel Monitor				5
LT1	Laptop Charging Station	1						5
SC1	Self Checkout	4	Wallaby Pro	Elo Wallaby Pro Self-Service Countertop Kiosk Stand				5
T1	Table	27	Spec Furniture	Varsity Table, Powered	36" x 36"	Laminate Top; Metal Leg	A: **TBD**; B: **TBD**	2
T2	Table - Children	2	Fresh Coast	Quince Children's Table	36" D x 22" H	Veneer Leg; Laminate Top	A: Natural Maple-11M; B: Wilsonart Kensington Maple-10776-60	1
T3.1	Table - Side	4	Naughtone	Tun 620 Side Table	w24.5 d17.5 h17.5 (in)	Metal Leg; Linoleum Top	A: Steel Blue RAL 5011; B: Forbo Aquavert-4180; Forbo Smokey Blue-4179	3
T3.3	Table - Side	5	Naughtone	Tun 620 Side Table	w24.5 d17.5 h17.5 (in)	Metal Leg; Linoleum Top	A: Steel Blue RAL 5011; B: Forbo Smokey Blue-4179	3
T4	Table - Powered	2	Spec Furniture	Varsity Table, Powered	30" x 66"	Metal Leg; Laminate Top	A: Steel Blue RAL 5011; B: Nevamar, Vision Vava-VA 2002	2
T5	Table - Side	6	Rad	Drum Side Table	17" Dia. x 18" H	Wood Top; Metal Leg	A: Rad Furniture, White Oak; B: Rad Furniture, Oyster RAL1013	1
T6	Table - Casters	4	Spec Furniture	Latch Table, Casters, Powered	30" x 72"	Laminate Top; Metal Leg	A:Herman Miller Warm Stone Laminate; B: RC 1023 - Traffic Yellow Powder Coated Steel	2
T7	Table - Powered	17	MillerKnoll	Pixel Table, Simplified T Leg, Powered	30" x 60"	Laminate Top; Metal Leg	A: Herman Miller, Folkstone Grey; B: Herman Miller, Folkstone Grey	3
T8	Table - Powered	1	Arcadia	Lineup Table with Round Power & USB	24" x 24"	Laminate Top	Wilsonart, Phantom Ecru-8212K-28	3
T9	Table	1	MillerKnoll	Layout Studio Project Table	120" X 60"	Laminate Top; Metal Leg	A: Herman Miller, Folkstone Grey; B: Herman Miller, Folkstone Grey	1
T10	Table - Powered	9	Spec Furniture	Factory Table, Powered	36" x 90"	Metal Leg; **Laminate Top**	A: Gray RAL 7044; B: **TBD**	2
T11	Table - Side	3	Naughtone	Tun 920 Coffee Table, Power & USB	w36 d22 h14 (in)	**Metal Leg; Laminate Top**	A: **TBD**; B: **TBD**	3
T12	Table - Powered	2	Spec Furniture	Endzone Conference Table, Powered	42" x 96"	Metal Leg; Laminate Top	A: RAL 3005 Wine Red; B: Formica 6129-58 Gray Fabric	2
D1	Desk	10	MillerKnoll	Dividends Horizon L-shaped Desk		Metal Leg; Laminate Top	A: **TBD**; B: **TBD**	
D2	Desk	4	MillerKnoll	L-Shaped Stations Sit Stand Desk, Fixed Return, Mobile Pedestal, Open Shelf		Metal Leg; Laminate Top	A: **TBD**; B: **TBD**	
D3	Desk	24	MillerKnoll	Antenna with 1 Wing for Printer Stand, includes intermediate side screens		Metal Leg; Laminate Top	A: **TBD**; B: **TBD**	
P1	Printer	4		Printer/Copier/Fax Combination				5

Notes:
1. No Power Requirements.
2. Power.
3. Power / USB Mounted on Furniture (Top)
4. Power / USB and Data Mounted on Furniture (Top)
5. N.I.C., O.F.O.I, Coordinate with Owner's Representative.

SHELVING SCHEDULE

Tag No.	Size	Quantity	Location
S1	66" H x 36" W x 24.5" D	20	Children's Stacks 102A
S2	66" H x 36" W x 13.25" D	8	Children's Stacks 102A
S3	66" H x 36" W x 13" D	8	Children's Stacks 102A
S4	66" H x 36" W x 13" D	1	Children's Stacks 102A
S5	66" H x 36" W x 13" D	1	Children's Stacks 102A
S6	78" H x 36" W x 24.5" D	15	Stacks 101A
S7	78" H x 36" W / 24"W x 24.5" D	1	Stacks 101A
S8	78" H x 30" W x 13" D78" H x 36" W x 13" D	28	Stacks 101A Teen Librarian 106 Children's Librarian 107 Staff Area 108 CLM 109 Waiting 100B
S9	78" H x 36" W x 13" D	3	Stacks 101A
S10	78" H x 36" W x 13" D	3	Stacks 101A
S11	78" H x 36" W x 13" D	11	Children's Librarian 107 (1)
S12	78" H x 36" W x 13" D	1	
S13	90" H x 36" W x 24.5" D	50	Adult Stacks 200B
S14	90" H x 36" W x 24.5" D	40	Adult Stacks 200B
S15	80" H x 36" W x 13" D	19	Adult Stacks 200B AIRC Stacks 201B
S16	82" H x 36" W x 13" D	22	Adult Stacks 200B
S17	90" H x 30" W x 24.5" D90" H x 36" W x 24.5" D	352	Adult Stacks 200B AIRC Stacks 201B
S18	90" H x 30" W x 13" D90" H x 36" W x 13" D	215	Adult Stacks 200B
S19	90" H x 36" W x 13" D	5	Adult Stacks 200B
S20	90" H x 36" W x 13" D	21	Periodicals 200H Reading Room 200F
S21	90" H x 30" W x 13" D90" H x 36" W x 13" D	720	Staff Work Area 210
S22	90" H x 36" W x 24.5" D	24	Staff Work Area 210
S23	90" H x 36" W x 13" D	1	Staff Work Area 210

REVISIONS

3	ADD-1	08/15/25

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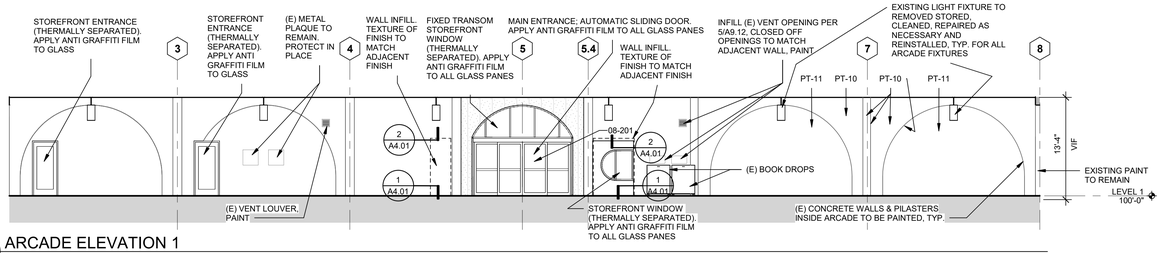
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DATE	11/01/2024

FURNITURE SCHEDULE

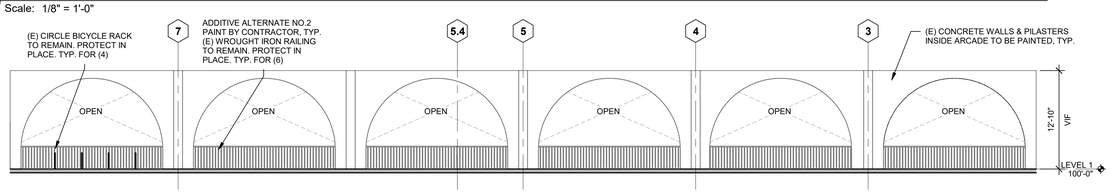
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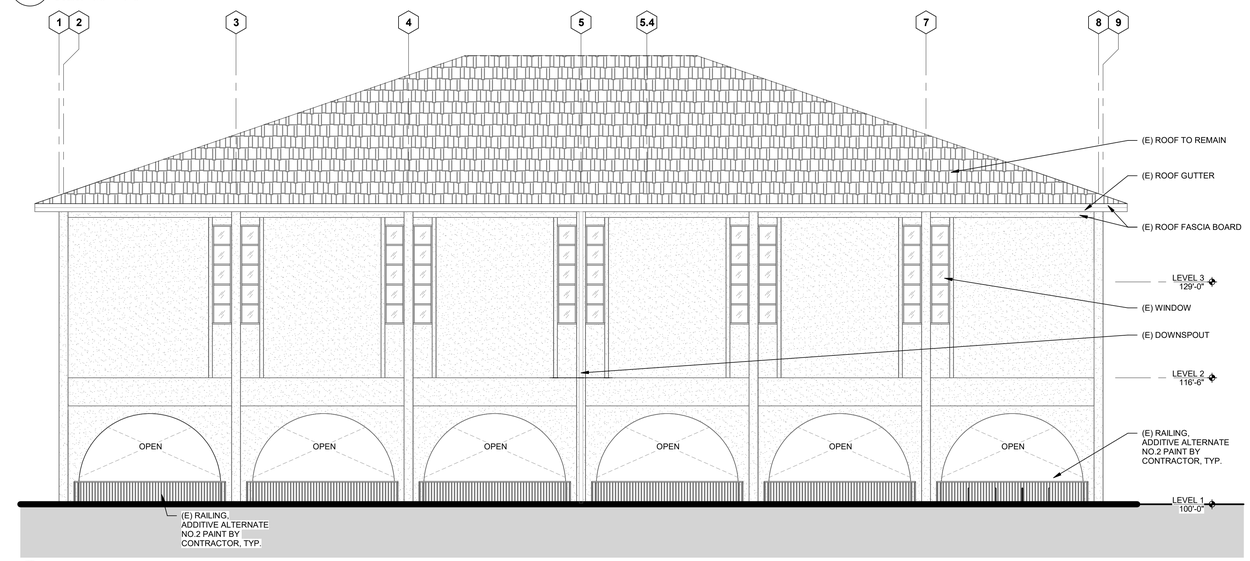
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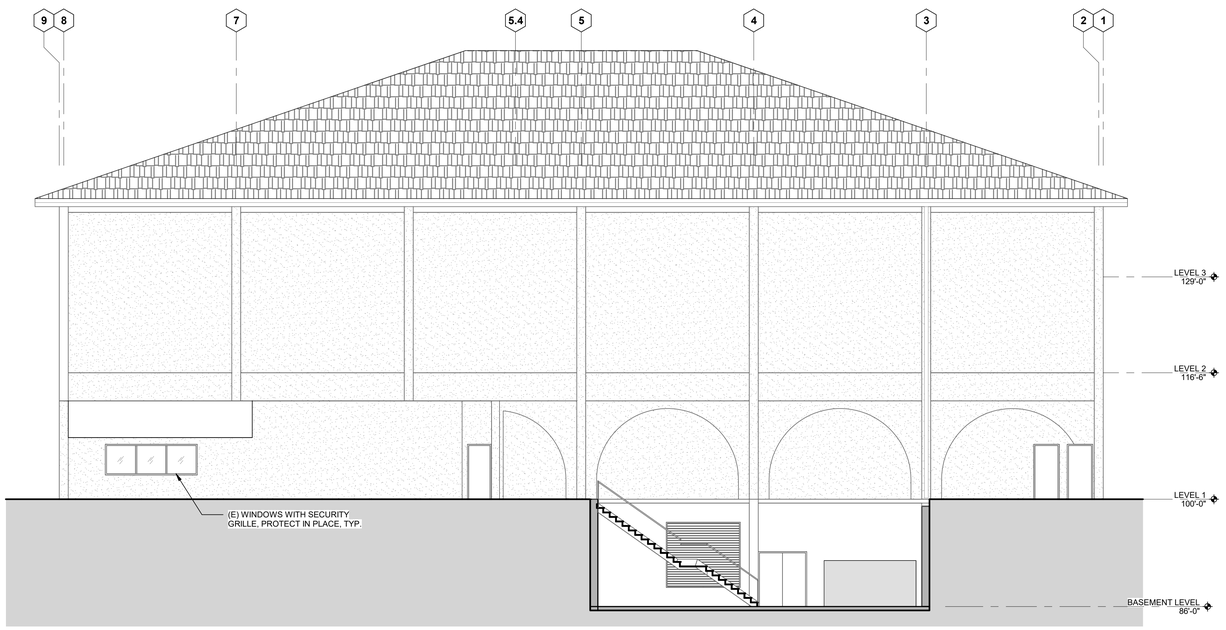
7 ARCADE ELEVATION 1
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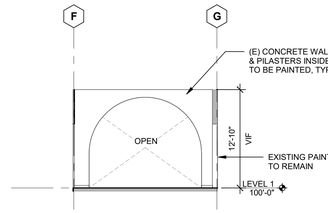
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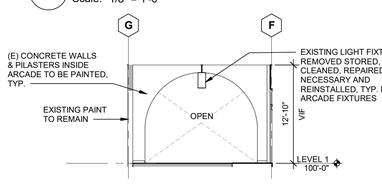
9 SOUTH ELEVATION
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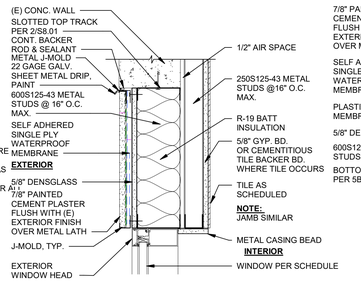
10 NORTH ELEVATION
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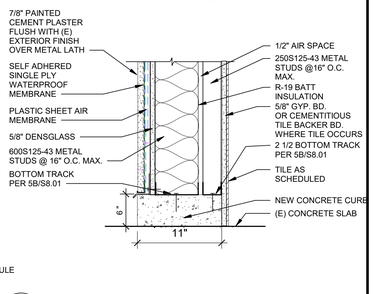
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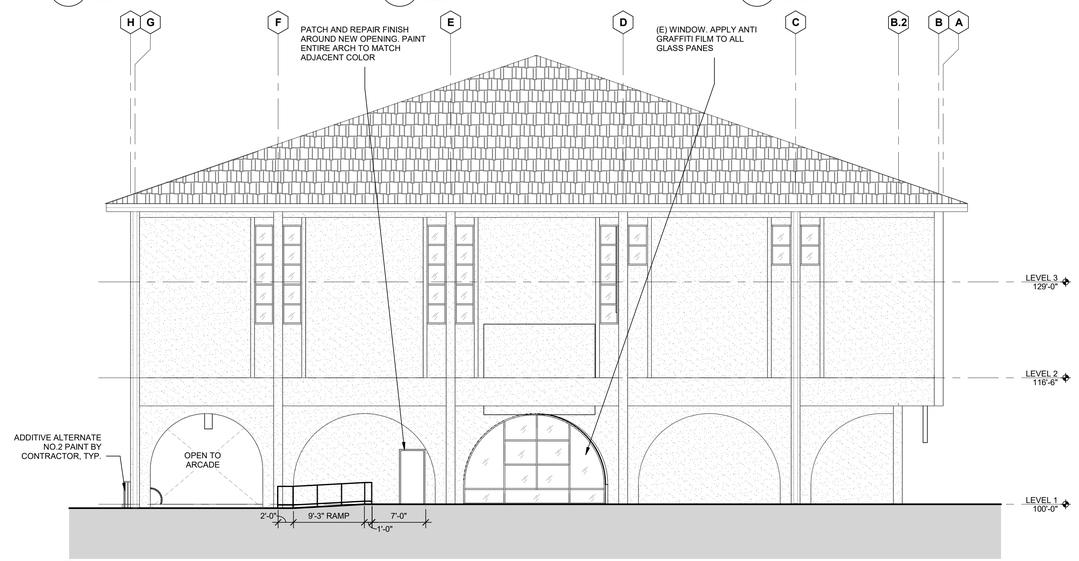
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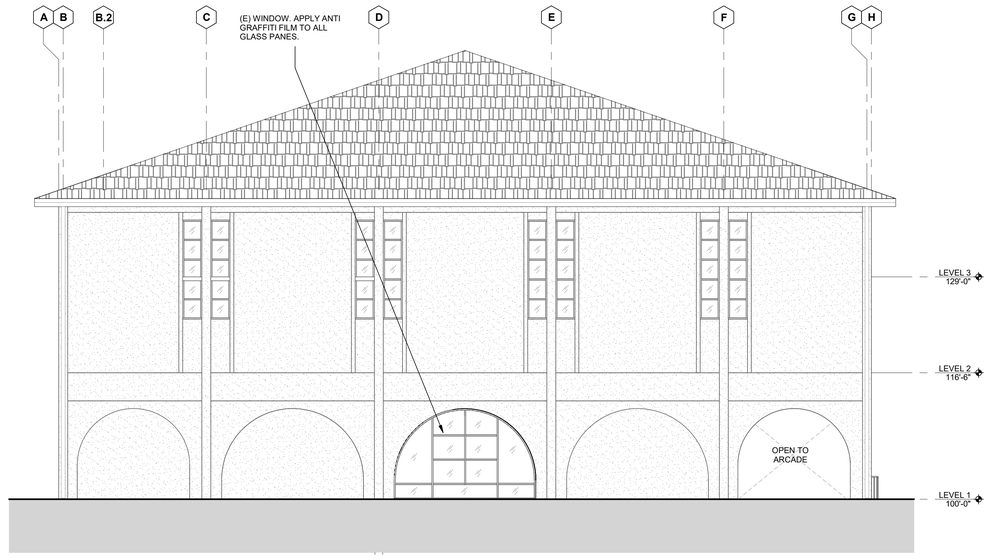
2 INFILL WALL HEAD @ (E) CONC. WALL
Scale: 1 1/2" = 1'-0"



1 INFILL WALL SILL @ (E) CONC. WALL
Scale: 1 1/2" = 1'-0"



5 EAST ELEVATION
Scale: 1/8" = 1'-0"



NOTE: OVERALL EXTERIOR ELEVATION FOR REFERENCE ONLY WITH THE EXCEPTION TO SCOPE SPECIFICALLY INDICATED

6 WEST ELEVATION
Scale: 1/8" = 1'-0"

PAINT GENERAL NOTES

1. ARCADE TO BE REPAINTED. CLEAN AND PREPARE SURFACES FOR PAINT. REPAIR CRACKS, HOLES OR DAMAGED SPOTS BEFORE APPLYING PAINT.
2. DO NOT PAINT FACTORY FINISHED MATERIALS.
3. COLORS AS IDENTIFIED IN FINISH SCHEDULE ON SHEET A3.20 OR AS SELECTED BY ARCHITECT.

REVISIONS

3	ADD-1	08/15/25

CONSTRUCTION DOCUMENTS

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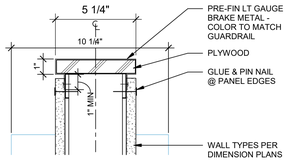
EXTERIOR ELEVATIONS

3

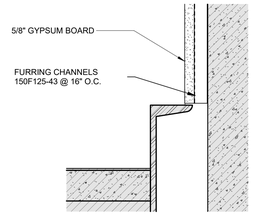
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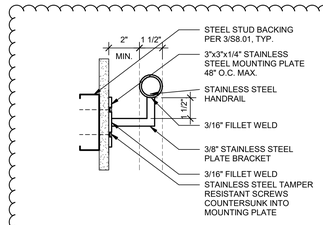
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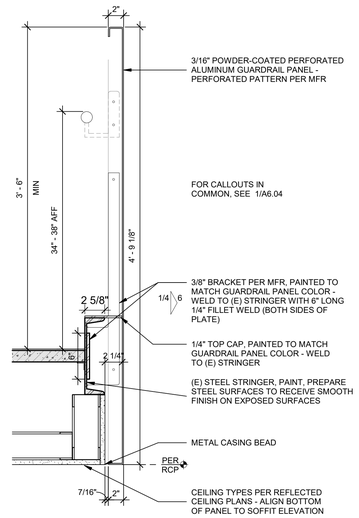
13 STAIRWELL WALL CAP
Scale: 3" = 1'-0"



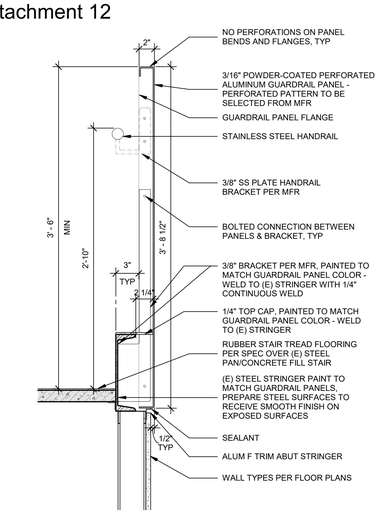
10 STRINGER TOP @ EX CONC WALL
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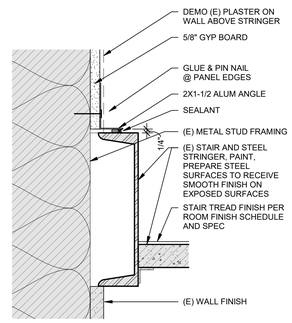
5 TYP WALL MOUNTED HANDRAIL
Scale: 3" = 1'-0"



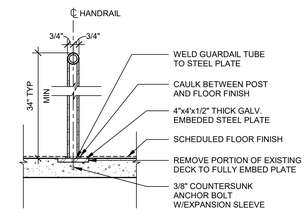
3 TYPICAL GUARDRAIL AT SOFFIT
Scale: 1 1/2" = 1'-0"



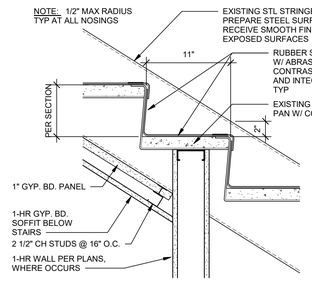
1 TYPICAL GUARDRAIL
Scale: 1 1/2" = 1'-0"



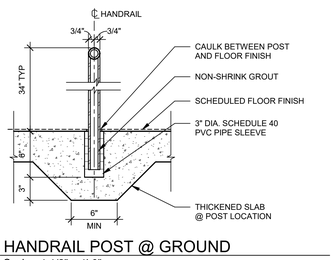
11 STAIR STRINGER @ STUD WALL
Scale: 3" = 1'-0"



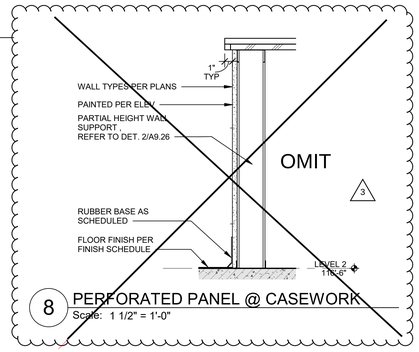
6 HANDRAIL POST @ DECK
Scale: 1 1/2" = 1'-0"



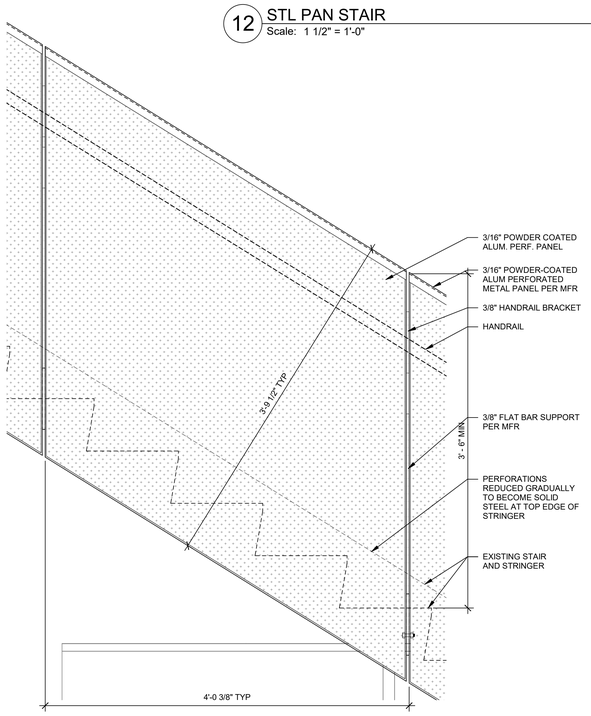
12 STL PAN STAIR
Scale: 1 1/2" = 1'-0"



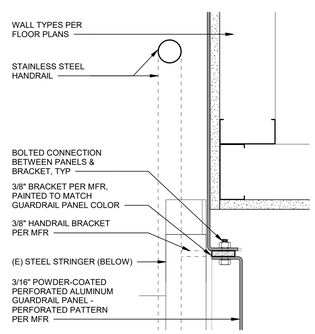
7 HANDRAIL POST @ GROUND
Scale: 1 1/2" = 1'-0"



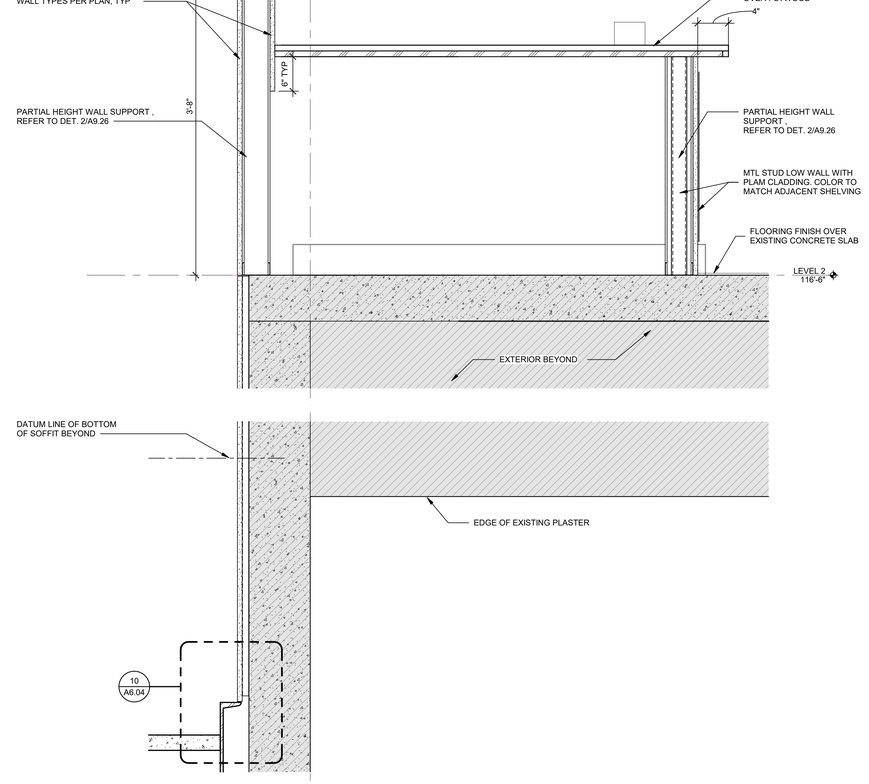
8 PERFORATED PANEL @ CASEWORK
Scale: 1 1/2" = 1'-0"



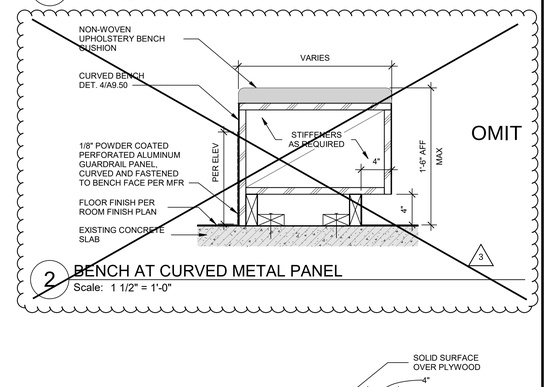
16 GUARDRAIL ELEVATION - SLOPED
Scale: 1 1/2" = 1'-0"



9 PLAN - GUARDRAIL AT TOP OF STAIR
Scale: 3" = 1'-0"



4 TYPICAL PERIMETER WALL DETAIL
Scale: 1 1/2" = 1'-0"



2 BENCH AT CURVED METAL PANEL
Scale: 1 1/2" = 1'-0"

REVISIONS

3	ADD-1	08/15/25

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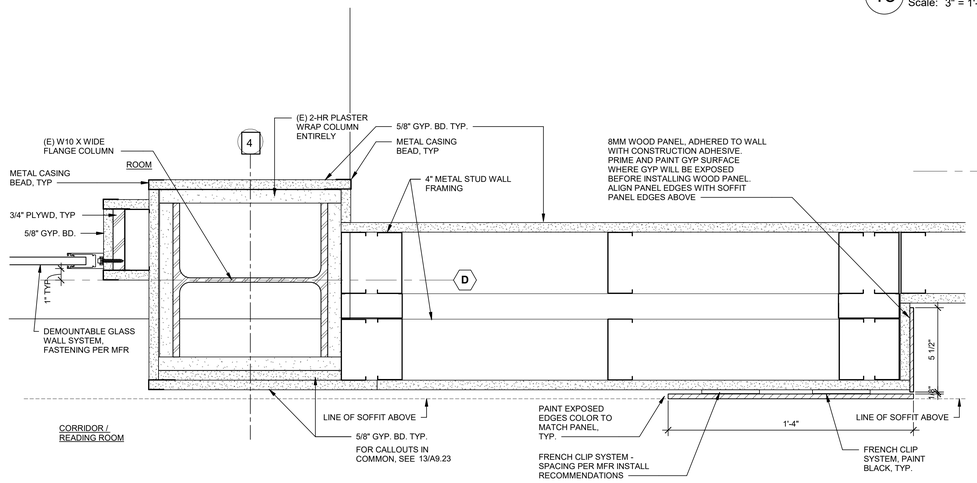
NAC

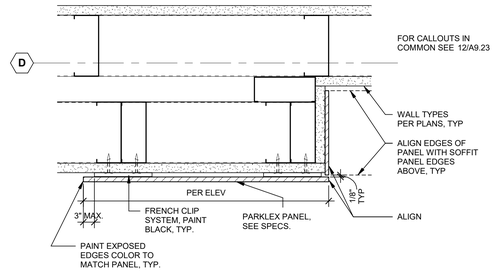
NAC NO	161-23025
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DATE	11/01/2024

VERTICAL CIRCULATION DETAILS

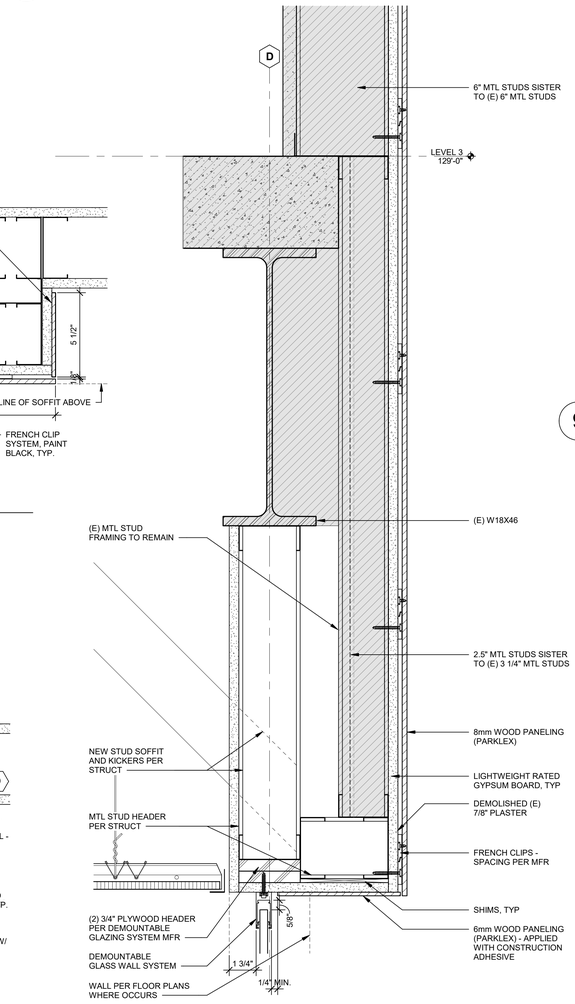
A6.04

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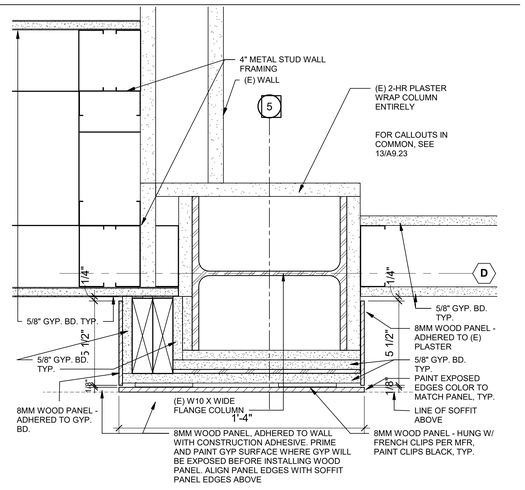




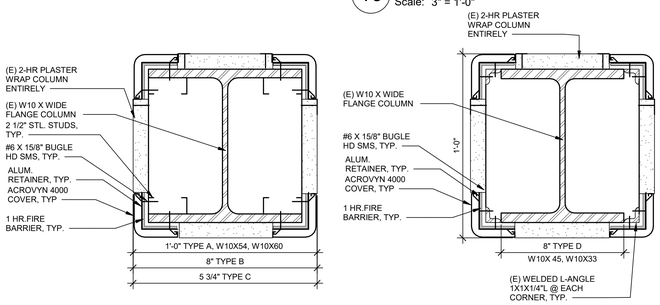
13 WOOD PANELING AT WALL FURR-OUT - PLAN
Scale: 3" = 1'-0"



18 WP COLUMN WRAP @ D4 GRID
Scale: 3" = 1'-0"

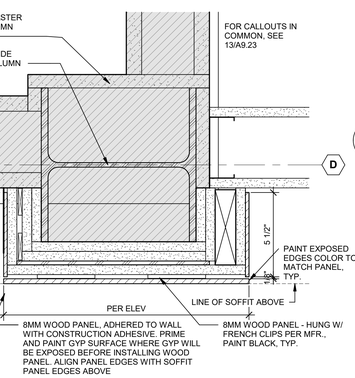


16 TYP WP COLUMN WRAP
Scale: 3" = 1'-0"

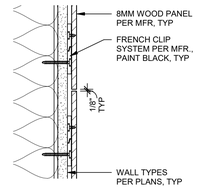


15 COLUMN WRAP PLAN DETAILS
Scale: 3" = 1'-0"

14 TYPICAL WOOD PANEL SOFFIT AT LEVEL 2
Scale: 3" = 1'-0"



8 TYP WP COLUMN WRAP
Scale: 3" = 1'-0"

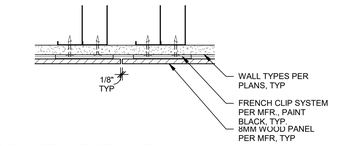


9 PANEL REVEAL - SECTION
Scale: 3" = 1'-0"

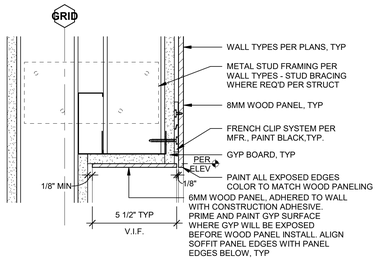
10 WP - TOW @ ACT
Scale: 3" = 1'-0"

11 WP - PANEL EDGE @ EX CONC
Scale: 3" = 1'-0"

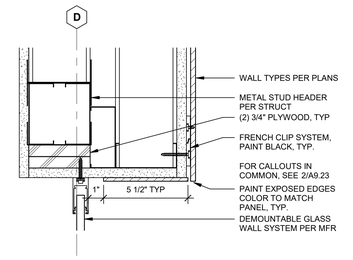
12 WOOD PANELING AT CHILDREN'S TECH - PLAN
Scale: 3" = 1'-0"



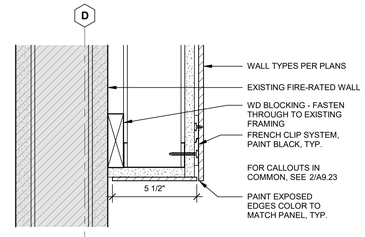
1 PANEL REVEAL - PLAN
Scale: 3" = 1'-0"



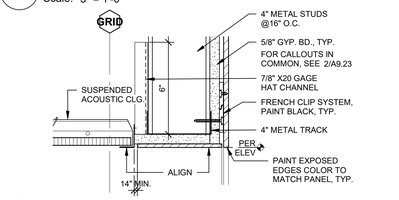
2 WP - TYP WP SOFFIT @ WALL
Scale: 3" = 1'-0"



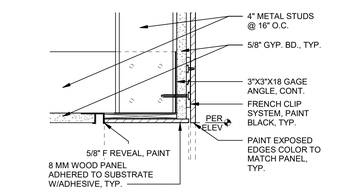
3 WP - TYP WP SOFFIT @ GLAZING SYSTEM
Scale: 3" = 1'-0"



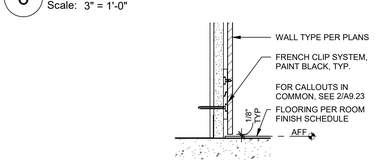
4 WP - TYP WP AND SOFFIT @ EXISTING WALL
Scale: 3" = 1'-0"



5 WP - TYP WP SOFFIT AT ACT
Scale: 3" = 1'-0"



6 CL - WP - L1 SOFFIT @ CHILD TECH
Scale: 3" = 1'-0"



7 IW - TYP WP TO FLOOR
Scale: 3" = 1'-0"

REVISIONS
3 ADD-1 08/15/25

CONSTRUCTION DOCUMENTS

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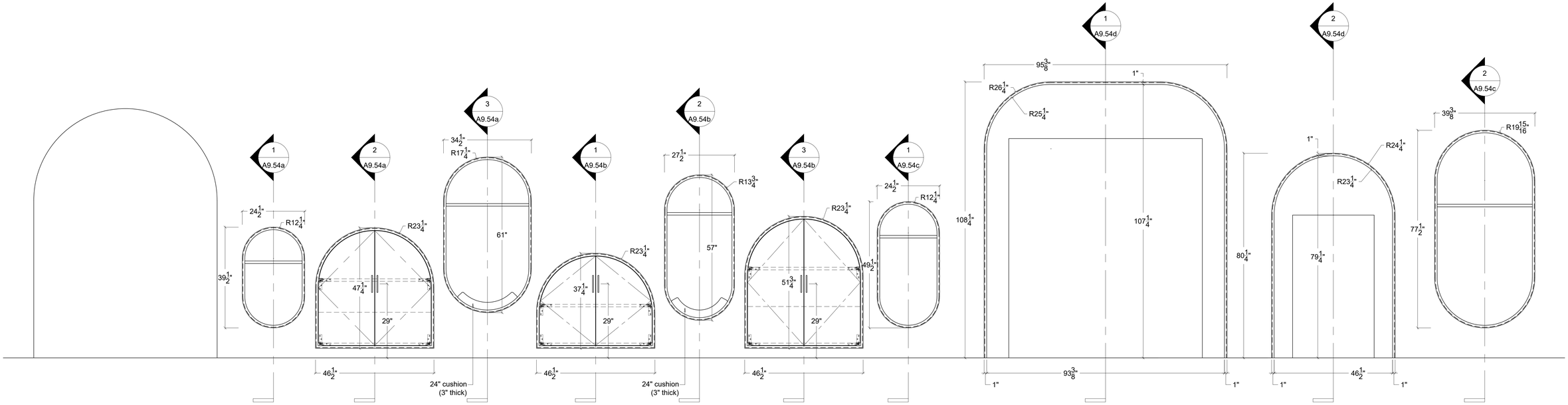
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CHECKED Checker
DATE 11/01/2024

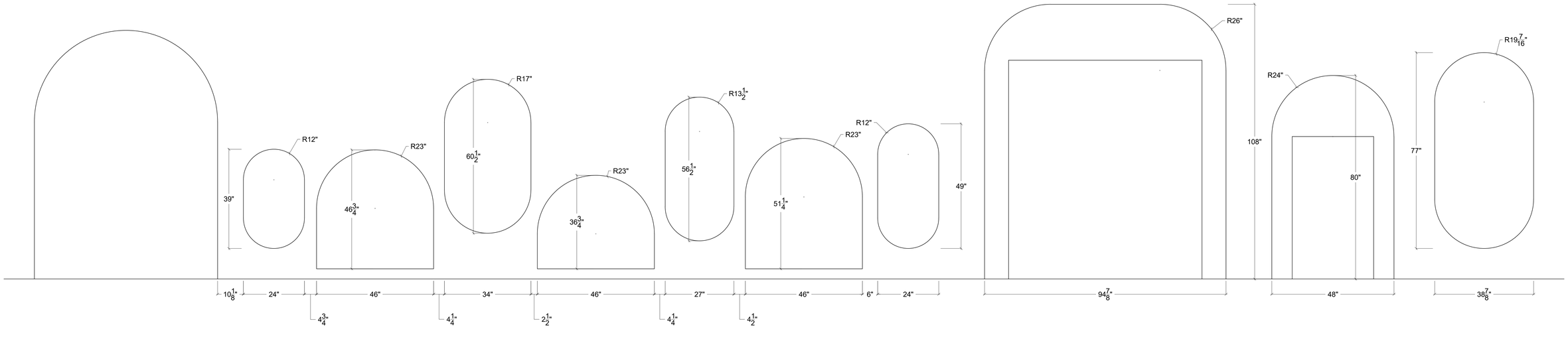
WOOD PANELING DETAILS

A9.23

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1 PLAY 102B DISCOVERY WALL - ELEVATION
Scale: 3/4" = 1'



2 PLAY 102B DISCOVERY WALL - ELEVATION (without cabinets)
Scale: 3/4" = 1'

REVISIONS

3	Add-01	8/15/25

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CASEWORK - LEVEL 1

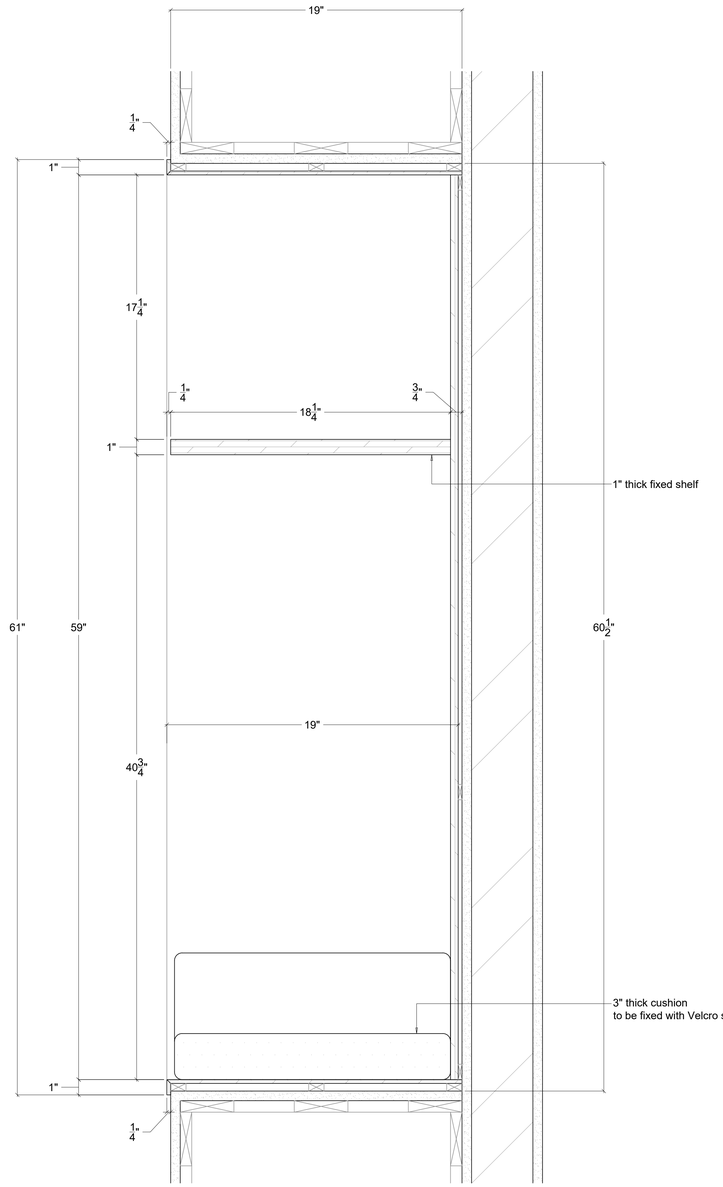
PLAY 102B DISCOVERY WALL

3

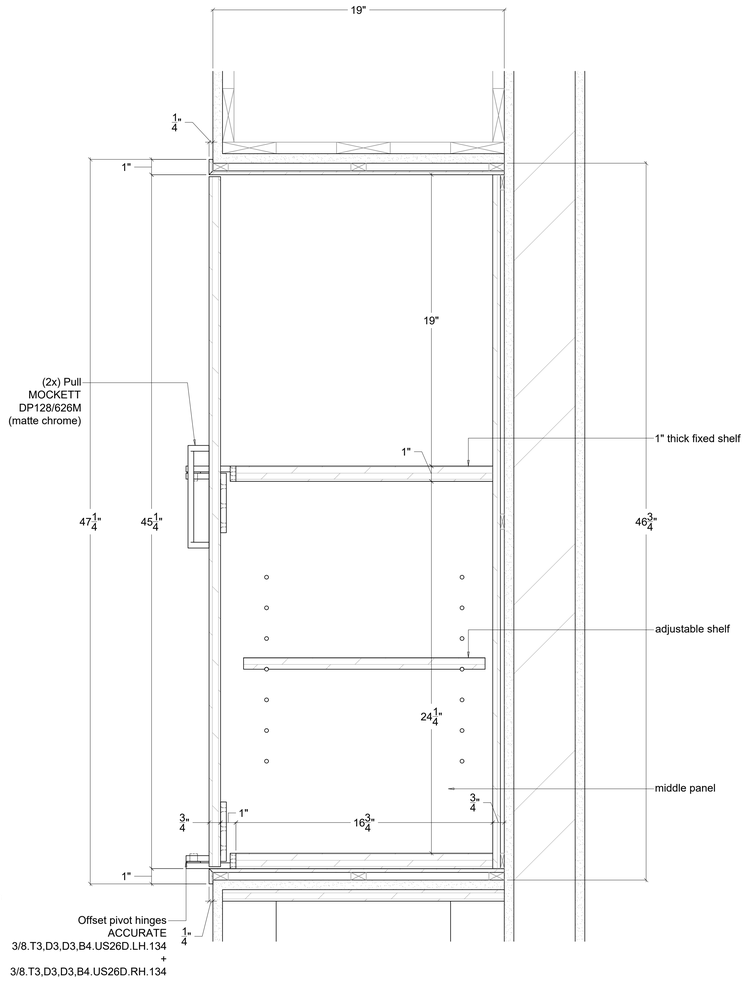
A9.54

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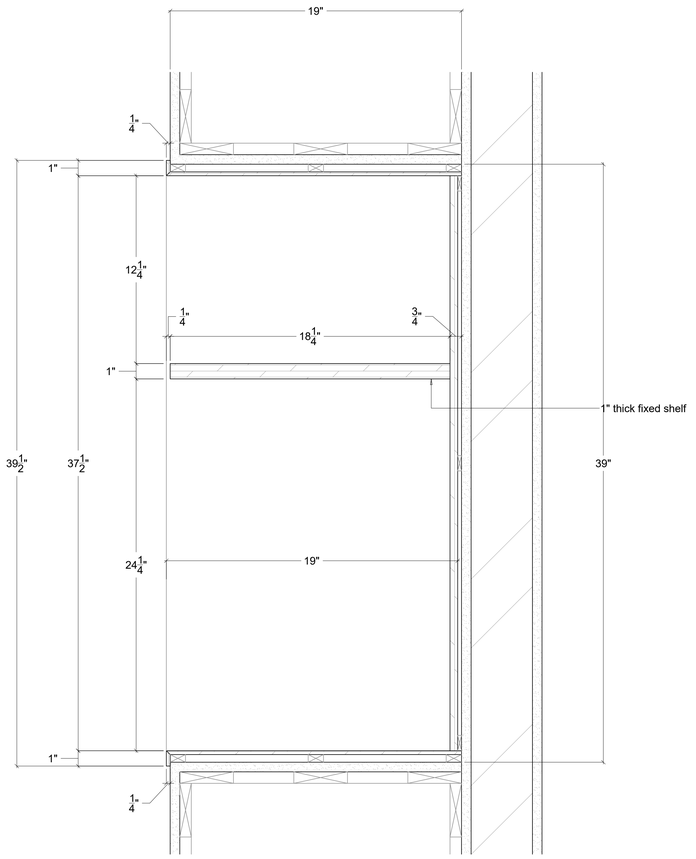
Attachment 15



3 PLAY 102B DISCOVERY WALL - SECTION
Scale: 3" = 1'



2 PLAY 102B DISCOVERY WALL - SECTION
Scale: 3" = 1'



1 PLAY 102B DISCOVERY WALL - SECTION
Scale: 3" = 1'

REVISIONS

3	Add-01	8/15/25

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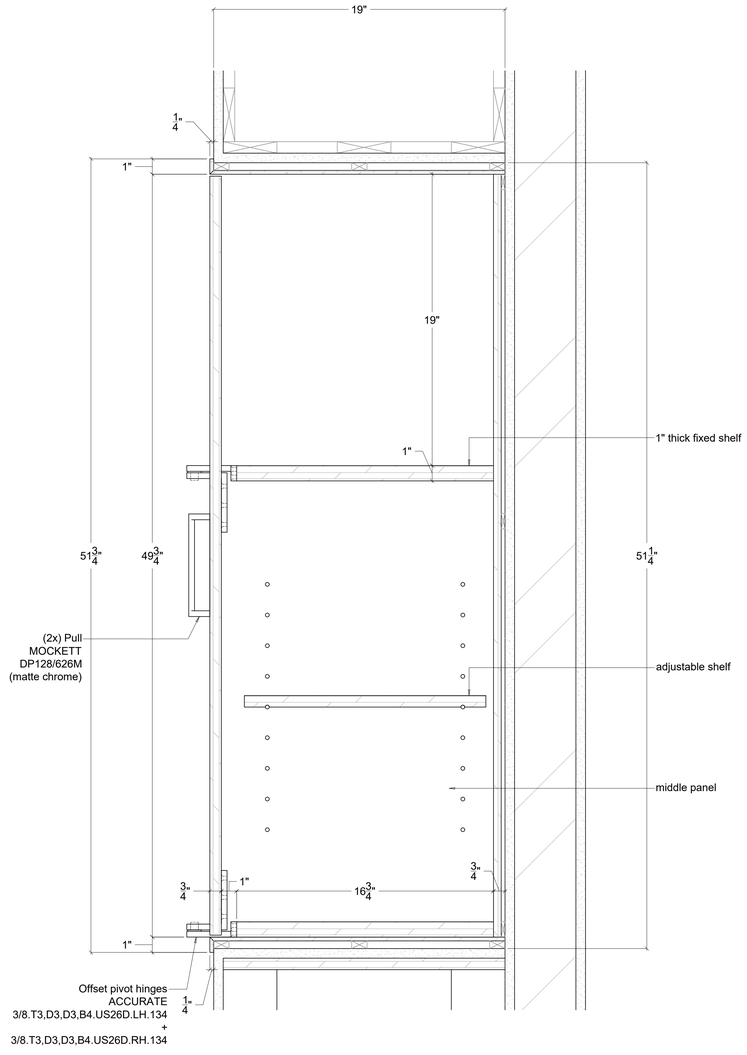
CASEWORK - LEVEL 1

PLAY 102B DISCOVERY WALL

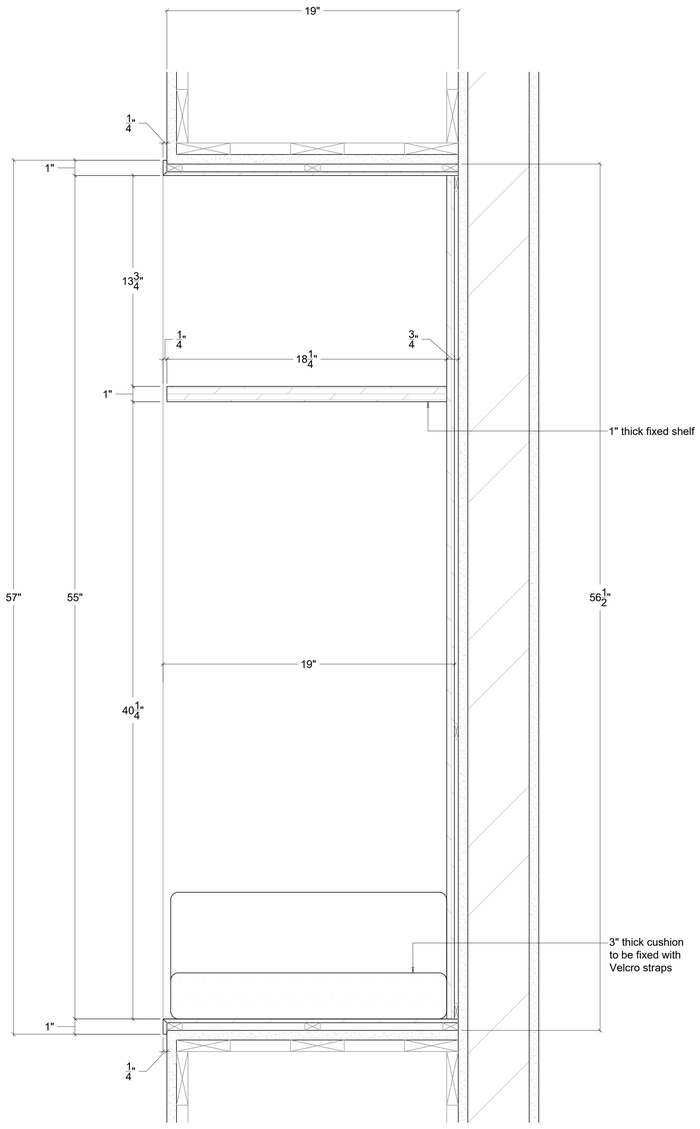
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A9.54a

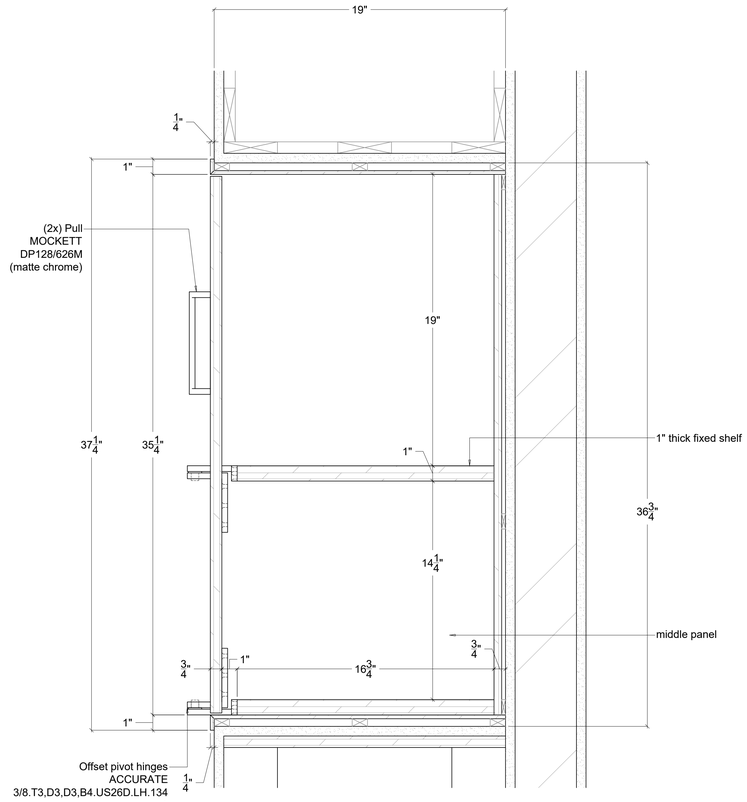
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3 PLAY 102B DISCOVERY WALL - SECTION
Scale: 3" = 1'



2 PLAY 102B DISCOVERY WALL - SECTION
Scale: 3" = 1'



1 PLAY 102B DISCOVERY WALL - SECTION
Scale: 3" = 1'

REVISIONS

3	Add-01	8/15/25

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CASEWORK - LEVEL 1

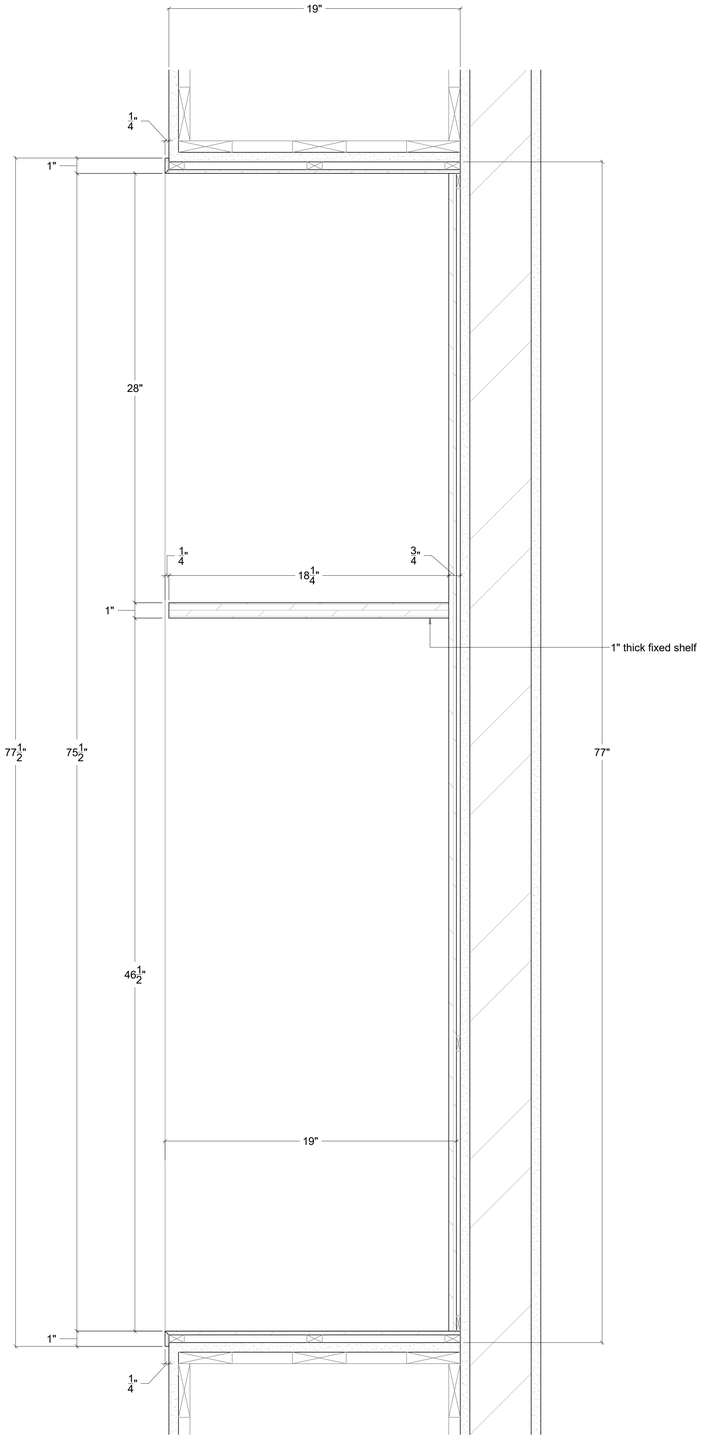
PLAY 102B DISCOVERY WALL

3

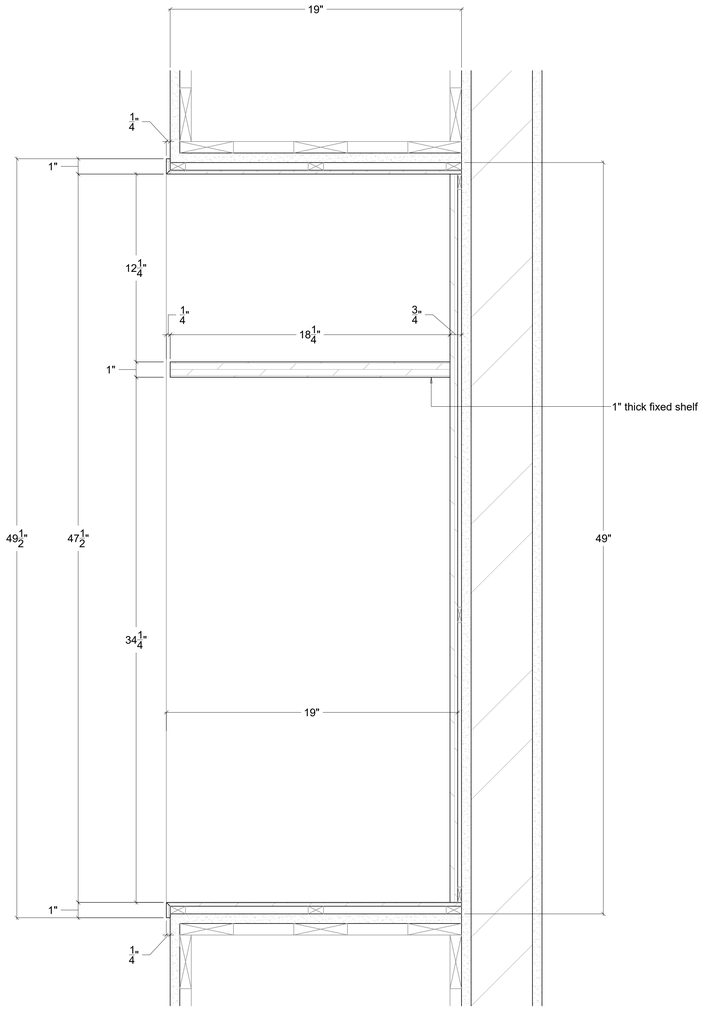
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A9.54b

Attachment 17



2 PLAY 102B DISCOVERY WALL - SECTION
Scale: 3" = 1'



1 PLAY 102B DISCOVERY WALL - SECTION
Scale: 3" = 1'

REVISIONS
3 Add-01 8/15/25

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CASEWORK - LEVEL 1

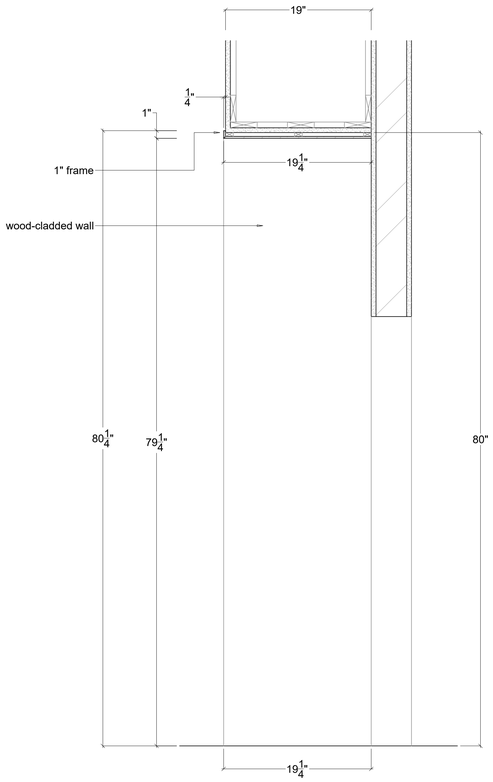
PLAY 102B DISCOVERY WALL

3

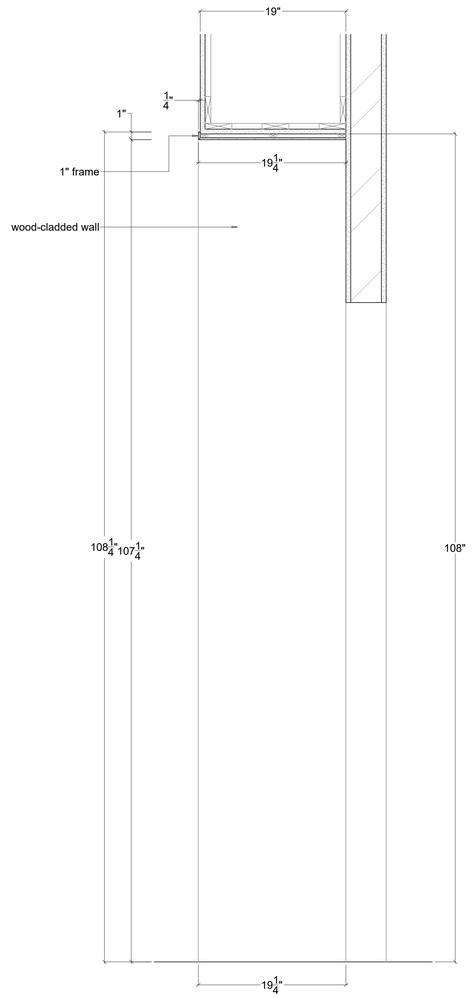
A9.54c

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Attachment 18



2 PLAY 102B DISCOVERY WALL - SECTION
Scale: 1 1/2" = 1'



1 PLAY 102B DISCOVERY WALL - SECTION
Scale: 1 1/2" = 1'

REVISIONS
3 Add-01 8/15/25

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CASEWORK - LEVEL 1

PLAY 102B DISCOVERY WALL

3

A9.54d

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PANEL J1

MOUNTING: FLUSH | A.I.C. RATING: 10,000 AMPS (minimum) | LOCATION: 2ND FLOOR COORIDOR | 208 / 120 VOLTS, 3 PHASE, 4 WIRE | BUS: 400A | MAIN: MLO | Feeder OCPD: 400A | Fed From: J

NOTE	DESCRIPTION	Volt-Amps Ø AN	Ø BN	Ø CN	Ltg	Rec	Misc	Ckt Brkr	Ckt No	A B C	Ckt No	Ckt Brkr	Misc	Rec	Ltg	Volt-Amps Ø AN	Ø BN	Ø CN	DESCRIPTION	NOTE
	RESTROOM DOOR RELEASE	600						20/1	1		2	20/1		2		360			MCR RECEPTACLES	
	INTRUSION DECTION PANEL		600					20/1	3		4	20/1					360		MASTER CLOCK	
	ACCESS CONTROL PANEL			600				20/1	5		6	20/1							SPARE	
	PA SYSTEM	600						20/1	7		8	30				2880			MCR RACK 1	
	FIRE ALARM PANEL		600					20/1	9		10						2880			
	MASTER CLOCK			600				20/1	11		12	3						2880		
	MCR RACK 2	2880						30	13		14	25	LM			1768			IT ROOM HEAT PUMP [HP-1]	
			2880						15		16	2					1768			
				2880				3	17		18	20/1			100				EXHAUST FAN [EF-1]	
	COMMUNITY MEETING ROOM RECEPTS	900				5		20/1	19		20	20/1				800			TEEN HUB BENCH POWER	
	COMMUNITY MEETING ROOM RECEPTS		540			3		20/1	21		22	20/1		3			540		TEEN HUB FLOOR OUTLETS	
	COMMUNITY MEETING ROOM RECEPTS			1080		6		20/1	23		24	20/1								
	COMMUNITY MEETING ROOM KITCHENETTE RECEPTS	360				2		20/1	25		26	20/1		1	X	780			MAIN ENTRY DISPLAY CASE + RECEPT	
	COMMUNITY MEETING ROOM GARBAGE DISPOSAL		1200					20/1	27		28	20/1					800		AUTOMATIC DOOR OPENER	
	COMMUNITY MEETING ROOM FRIDGE			800				20/1	29		30	15/1						200	1ST FLOOR RESTROOM EXHAUST FANS	
	COMMUNITY MEETING ROOM EXHAUST FAN	300						15/1	31		32	15/1				240			STAFF RESTROOM, BREAKROOM, & JAN. CLST EXHAUST FANS	
	STORAGE RM 120 RECEPTS		540			3		20/1	33		34	20/1					500		1ST FLOOR FIRE SMOKE DAMPERS	
	1ST FLOOR RESTROOM ROLL-UP GATE			600				20/1	35		36	20/1						800	2ND FLOOR FIRE SMOKE DAMPERS	
	1ST FLOOR SYNCHRONIZED CLOCKS	660						20/1	37		38	20/1				600			TECH PRINTER STATION	
	2ND FLOOR SYNCHRONIZED CLOCKS		300					20/1	39		40									
	MAIN ENTRY VIDEO DISPLAY			400				20/1	41		42									
									43		44									
									45		46									
									47		48									
									49		50									
									51		52									
									53		54									

PANEL CALCULATION		Ø AN	Ø BN	Ø CN	**Ø A + Ø B + Ø C**
CONNECTED LOAD	CONNECTED LOAD:	13,718 VA	13,508 VA	10,940 VA	**38,166 VA**
	CONNECTED BALANCED LINE CURRENT = 106 A			HIGH LINE CURRENT (ØA) = 114.3 A	
DEMAND LOAD	LIGHTING LOAD @ 125%:	750 VA	- VA	- VA	750 VA
	OTHER LCL @ 125%:	- VA	- VA	- VA	- VA
	CONNECTED RECEPTACLE LOAD:	1,800 VA	1,620 VA	1,080 VA	4,500 VA
	FIRST 10,000 VA @ 100%:	- VA	- VA	- VA	- VA
	REMAINDER @ 50%:	- VA	- VA	- VA	- VA
	CONNECTED KITC. LOAD @ QTY:	- VA	- VA	- VA	- VA
	KITC. LOAD @ DEMAND FACTOR:	VA	VA	VA	VA
	OTHER NON LCL LOAD @ 100%:	11,318 VA	11,888 VA	9,860 VA	33,066 VA
	LARGEST MOTOR @ 25%:	442 VA	442 VA	- VA	884 VA
	DEMAND LOAD:	14,310 VA	13,950 VA	10,940 VA	**39,200 VA**
	DEMAND BALANCED LINE CURRENT = 108.9 A			HIGH LINE CURRENT (ØA) = 119.3 A	

PANEL G

MOUNTING: FLUSH | A.I.C. RATING: 10,000 AMPS (minimum) | LOCATION: 3RD FLOOR CORRIDOR | REPLACED PANEL G | 208 / 120 VOLTS, 3 PHASE, 4 WIRE | BUS: 100A | MAIN: MLO | Feeder OCPD: 100A | Fed From: DPB

NOTE	DESCRIPTION	Volt-Amps Ø AN	Ø BN	Ø CN	Ltg	Rec	Misc	Ckt Brkr	Ckt No	A B C	Ckt No	Ckt Brkr	Misc	Rec	Ltg	Volt-Amps Ø AN	Ø BN	Ø CN	DESCRIPTION	NOTE
E	REG. WORK AREA STAFF TOIL	900						20/1	1		2	20/1				900			WORK RM	E
E	REG WORK AREA		720					20/1	3		4	20/1					1260		WORK RM	E
E	REG WORK AREA			1080				20/1	5		6	20/1						1080	OFFICE CONF.	E
E	D.F.	750						20/1	7		8	20/1				1080			OFFICE CONF.	E
E	DUCT HEATER RM 315		1000					20/1	9		10	20/1					1000		DUCT HEATER RM 310	E
E	DUCT HEATER RM 314			1000				20/1	11		12	20/1						1000	DUCT HEATER RM 310	E
E	DUCT HEATER RM 313	1000						20/1	13		14	20/1				1000			DUCT HEATER RM 311	E
E	ATTIC LTS		1080		X			20/1	15		16	20/1					1000		DUCT HEATER RM 312	E
E	ATTIC LTS			1260	X			20/1	17		18	20/1						1000	BATT. (EMERG LTS)	E
E	JAN BOOK STOR.	540						20/1	19		20	20/1							SPARE	X
E	STAFF TOIL		1260					20/1	21		22	20/1							SPARE	
	SPARE							20/1	23		24	20/1							SPARE	
	SPARE							20/1	25		26	20/1							SPARE	
	SPARE							20/1	27		28	20/1							SPARE	
	SPARE							20/1	29		30	20/1							SPARE	
																			FEEDER SHARED WITH PANEL G1	

PANEL CALCULATION		Ø AN	Ø BN	Ø CN	**Ø A + Ø B + Ø C**
CONNECTED LOAD	CONNECTED LOAD:	6,170 VA	7,320 VA	6,420 VA	**19,910 VA**
	CONNECTED BALANCED LINE CURRENT = 55.3 A			HIGH LINE CURRENT (ØB) = 61 A	
DEMAND LOAD	LIGHTING LOAD @ 125%:	- VA	1,350 VA	1,575 VA	2,925 VA
	OTHER LCL @ 125%:	- VA	- VA	- VA	- VA
	CONNECTED RECEPTACLE LOAD:	- VA	- VA	- VA	- VA
	FIRST 10,000 VA @ 100%:	- VA	- VA	- VA	- VA
	REMAINDER @ 50%:	- VA	- VA	- VA	- VA
	CONNECTED KITC. LOAD @ QTY:	- VA	- VA	- VA	- VA
	KITC. LOAD @ DEMAND FACTOR:	- VA	- VA	- VA	- VA
	OTHER NON LCL LOAD @ 100%:	6,170 VA	6,240 VA	5,160 VA	17,570 VA
	LARGEST MOTOR @ 25%:	- VA	- VA	- VA	- VA
	DEMAND LOAD:	6,170 VA	7,590 VA	6,736 VA	**20,495 VA**
	DEMAND BALANCED LINE CURRENT = 56.9 A			HIGH LINE CURRENT (ØB) = 63.3 A	

PANEL B

MOUNTING: FLUSH | A.I.C. RATING: | LOCATION: 1ST FLR | EXISTING PANEL B | 208 / 120 VOLTS, 3 PHASE, 4 WIRE | BUS: 225A | MAIN: MLO | Feeder OCPD: 125A | Fed From: DPB

NOTE	DESCRIPTION	Volt-Amps Ø AN	Ø BN	Ø CN	Ltg	Rec	Misc	Ckt Brkr	Ckt No	A B C	Ckt No	Ckt Brkr	Misc	Rec	Ltg	Volt-Amps Ø AN	Ø BN	Ø CN	DESCRIPTION	NOTE
E	BK RETN & STOR	935						20/1	1		2	20/1				1260			VEST. RECEPT DESK, CHILD'D LIBRN	E
E	BATTERY RECEPTACLE RM 117		500					20/1	3		4	20/1					750		D.F.	E
E	STAFF LOUNGE VEST JAN EXIT LTS			1180				20/1	5		6	20/1						1080	JAN. LIB'RN WORK RM, RECEPT DESK	E
E	PUBL. TOILETS	1800						20/1	7		8	20/1				750			D.F.	E
E	STAFF TOILETS, ADULT FIC, LOUNGE		1440					20/1	9		10	20/1					1250		WORK RM CHILD'N AREA	E
E	ADULT FICTION, STOR., EXT			900				20/1	11		12	20/1						1260	CHILD'N AREA MTG RM	E
E	ADULT FICTION, LOUNGE	1620						20/1	13		14	20/1				500			MTG RM	E
E	STAFF TOILETS		1260					20/1	15		16	20/1					1440		ARCADE	E
E	CANOPY NORTH ENTR. SOUTH			1080				20/1	17		18	20/1						1200	EXTR FLD (RECESSED GRD)	E
E	AREA WAY	720						20/1	19		20	20/1				1200			EXTR FLD (RECESSED GRD)	E
E	FLOOD LT		600					20/1	21		22	20/1					600		EXTR FLD (RECESSED GRD)	E
E	EXIT LTS, 1ST, 2ND, 3RED FLR			725				20/1	23		24	20/1						600	EXTR FLD (RECESSED GRD)	E
E	SPARE							20/1	25		26	20/1							SPARE	E
E	SPARE							20/1	27		28	20/1							SPARE	E
E	SPARE							20/1	29		30	20/1							SPARE	E

PANEL CALCULATION		Ø AN	Ø BN	Ø CN	**Ø A + Ø B + Ø C**
CONNECTED LOAD	CONNECTED LOAD:	8,685 VA	7,850 VA	8,025 VA	**24,560 VA**
	CONNECTED BALANCED LINE CURRENT = 68.2 A			HIGH LINE CURRENT (ØA) = 72.4 A	
DEMAND LOAD	LIGHTING LOAD @ 125%:	- VA	- VA	- VA	- VA
	OTHER LCL @ 125%:	- VA	- VA	- VA	- VA
	CONNECTED RECEPTACLE LOAD:	- VA	- VA	- VA	- VA
	FIRST 10,000 VA @ 100%:	- VA	- VA	- VA	- VA
	REMAINDER @ 50%:	- VA	- VA	- VA	- VA
	OTHER NON LCL LOAD @ 100%:	- VA	- VA	- VA	- VA
	LARGEST MOTOR @ 25%:	- VA	- VA	- VA	- VA
	DEMAND LOAD:	8,685 VA	7,850 VA	8,025 VA	**24,560 VA**
	DEMAND BALANCED LINE CURRENT = 68.2 A			HIGH LINE CURRENT (ØA) = 72.4 A	

PANEL SCHEDULE NOTES

- [E] EXISTING CIRCUIT TO REMAIN. INDICATED LOAD PER AVAILABLE RECORD DRAWINGS.
- [G] PROVIDE GFI TYPE CIRCUIT BREAKER.
- [L] PROVIDE CIRCUIT BREAKER CAPABLE OF BEING LOCKED IN THE "OFF POSITION".
- [N] PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANEL. UPDATE CIRCUIT DIRECTORY TO REFLECT NEW LOAD.
- [X] REMOVE EXISTING LOAD FROM INDICATE CIRCUIT AND RELABEL CIRCUIT AS SPARE IN CIRCUIT DIRECTORY.
- [1] PROVIDE LOCK-ON TYPE CIRCUIT BREAKER, RED IN COLOR FOR FIRE ALARM POWER SUPPLY.
- [2] EXISTING CIRCUIT TO BE REMOVED. REUSE EXISTING CIRCUIT BREAKER FOR NEW LOAD. UPDATE CIRCUIT DIRECTORY TO REFLECT NEW LOAD.

SHEET NOTES

- [1] REMOVE LIGHTING CONTACTOR CONTROL FROM SPLIT BUS PANEL. PROVIDE JUMPER CABLE CONNECTION BETWEEN SPLIT BUS SECTIONS. LIGHTING CONTACTOR TO BE REMOVED FROM ENCLOSURE.
- [2] INDICATED LOADS PER AVAILABLE RECORD DRAWINGS.
- [3] EXISTING BRANCH CIRCUIT LOAD UNKNOWN, 80% LOAD USED AS WORST CASE SCENARIO.
- [4] INDICATED LOADS PER AVAILABLE RECORD DRAWINGS PLUS ADDED LOADS.

ADDITIONAL SCOPE

1. DURING CONSTRUCTION, DE-ENERGIZE AND TORQUE ALL EXISTING TO REMAIN BRANCH CIRCUIT BREAKERS AND FEEDER BREAKERS FOR ALL EXISTING PANELS.

GENERAL NOTES

1. WHERE PANEL IS INDICATED TO INCLUDE FEED THRU LUGS, PROVIDE FEED THROUGH LUGS AT THE OPPOSITE END OF THE PANELBOARD FROM THE PANELBOARD MAIN LUGS.
2. WHERE PANEL IS INDICATED TO INCLUDE DOUBLE LUGS, PROVIDE A DOUBLE LUG KIT AT THE SAME END OF THE PANELBOARD AS THE PANELBOARD MAIN LUGS.
3. WHERE PANEL IS INDICATED AS RECESSED OR FLUSH MOUNTED, PROVIDE SPARE CONDUITS STUBBED UP INTO THE ACCESSIBLE CEILING SPACE. PROVIDE ONE (1) 3/4" CONDUIT ONLY FOR EACH THREE (3) SPARES OR SPACES, MINIMUM OF TWO (2). EACH CONDUIT SHALL BE TAGGED, CAPPED AND MARKED FOR FUTURE USE.
4. PROVIDE BREAKER INTERLOCK WITH ADJACENT BREAKER(S) FOR ANY MULTI-WIRE BRANCH CIRCUIT. BREAKER INTERLOCK GROUPING SHALL BE BY BRANCH CIRCUIT GROUP (i.e. MULTIPLE CIRCUITS SHARING A COMMON NEUTRAL NEC 210.4(B), COMMON YOKE NEC 210.7(B).
5. PROVIDE BREAKER LOCK OFF DEVICE ON ANY CIRCUIT BREAKER FEEDING A TRANSFORMER AS REQUIRED, PER NEC 450.14. WHERE AN EXISTING PANEL IS BEING ALTERED OR MODIFIED IN ANY WAY, CONTRACTOR SHALL INCLUDE ALL COSTS IN BASE BID TO ADD BREAKER LOCK-OFF DEVICES TO EXISTING TRANSFORMER CIRCUIT BREAKERS BASED ON CONTRACTOR'S INVESTIGATION OF EXISTING CONDITIONS.
6. ALL CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE AND SHALL BE SUITABLE FOR 75 DEGREE AMPACITY CONDUCTORS.
7. ELECTRICAL PANELS SHALL BE DEAD FRONT SAFETY TYPE. PANELS SHALL BE MINIMUM 20" WIDE AND 5-3/4" DEEP UNLESS OTHERWISE NOTED.
8. ALL ELECTRICAL PANEL BUSSING SHALL BE TIN PLATED COPPER.
9. ELECTRICAL PANELS SHALL BE PROVIDED WITH PROVISIONS FOR FUTURE CT RAILS FOR LOAD DISAGGREGATION IN COMPLIANCE WITH CALIFORNIA ENERGY CODE, TITLE 24 2023, SECTION 130.5.
10. PANELBOARDS SHALL BE FULLY RATED, SERIES RATING IS NOT ACCEPTABLE.
11. ALL NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELS SHALL MATCH THE HIGHEST EXISTING AIC RATED CIRCUIT BREAKER WITHIN THAT BOARD. INSPECTOR TO VERIFY HIGHEST AIC RATING AT THE SITE.

PANEL INDEX

-	J1
-	G
-	B

REVISIONS

3	Add-01	8/15/25

CONSTRUCTION DOCUMENTS

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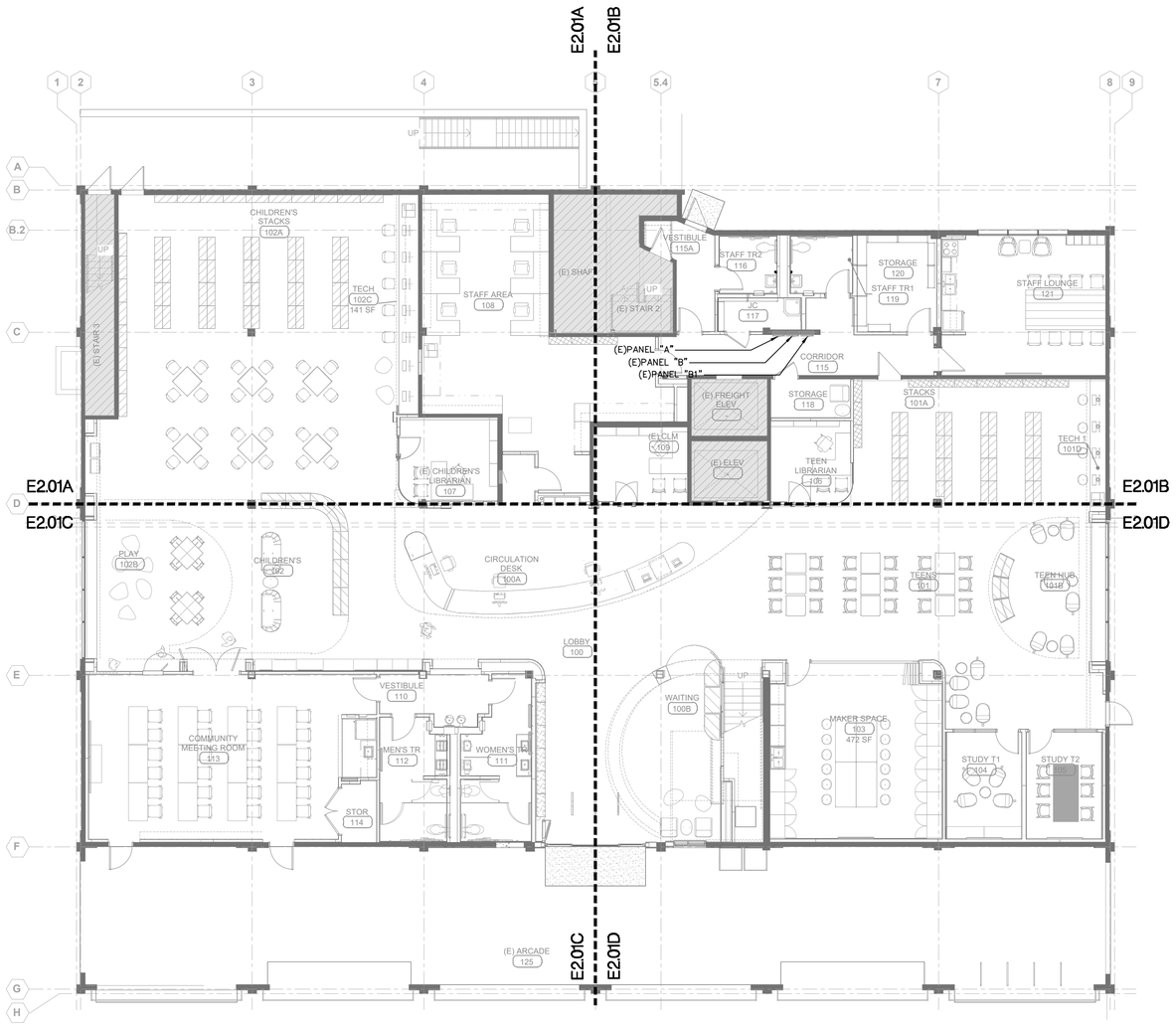
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CHECKED	Checker
DATE	07/15/2025

PANEL SCHEDULES

E0.22

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1 **FIRST FLOOR ELECTRICAL PLAN**
SCALE: 1/8" = 1'-0"

KEY NOTES

1 NOT USED.

GENERAL NOTES

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS.
2. THE EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT SITE PRIOR TO SUBMITTING BID. ALL DEMOLITION, ALTERATION, EXTENSION, RELOCATION, REHABILITATION WORK SHALL BE INCLUDED IN CONTRACT. NO ADDITIONAL ALLOWANCE OR CHANGE ORDERS WILL BE ACCEPTED.
3. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILINGS, FLOOR SPACES, ETC. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH PLANNED REMODEL WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLETS, FIXTURES, EQUIPMENT, ETC. SCHEDULED TO REMAIN.
4. NOTIFY THE ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED ON "AS-BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN STRUCTURE WALLS.
5. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
6. EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
7. DEMOLITION WORK SHALL BE DONE IN A MANNER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE, AND NOT INTERFERE WITH ITS OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE.
8. DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
10. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS SALVAGED MATERIALS SHALL REMAIN IN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER AND NEATLY PILE OR STORE THEM AND PROTECT FROM DAMAGED. DISPOSE OF ALL HAZARDOUS MATERIAL PER GUIDELINE OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES AND OTHER AGENCIES HAVING JURISDICTION.
11. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WRING RUNS, REUSE AS REQUIRE AND REMOVED ALL UNUSED CONDUIT/WIRING. UNUSED CONDUIT IN INACCESSIBLE LOCATIONS (WALLS TO REMAIN) CAN BE ABANDONED IN PLACE. REMOVE UNUSED WIRING.

REVISIONS
3 Add-01 8/15/25

CONSTRUCTION DOCUMENTS

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CHECKED	Checker
DATE	07/15/2025

OVERALL FIRST FLOOR ELECTRICAL PLAN

3

E2.01

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"AT GRADE" FLOOR BOX SCHEDULE

SYMBOL	MODEL	DESCRIPTION	MODEL #
A	RFBA SERIES 4-GANG W/	DUPLEX OUTLET	#RFBA4R300G-RFBADP20TR (1)
B	RFBA SERIES 4-GANG W/	QUAD OUTLET	#RFBA4R300G-(2) RFBADP20TR (1)
C	RFBA SERIES 6-GANG W/	DUPLEX OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-RFBADP20TR-RFBADEC (1)(2)
D	RFBA SERIES 6-GANG W/	QUAD OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-(2) RFBADP20TR-RFBADEC (1)(2)

POKE-THRU FLOOR BOX SCHEDULE

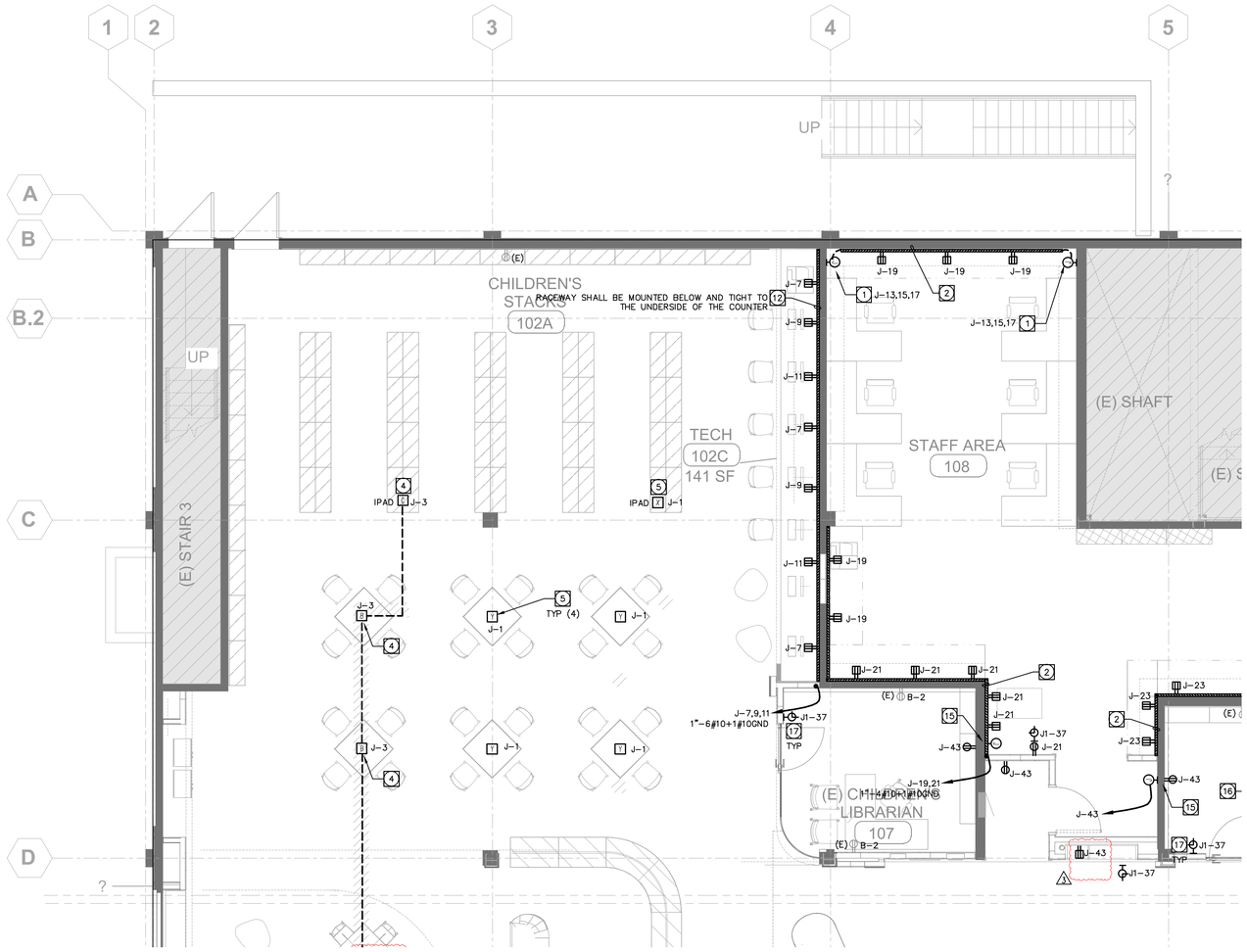
SYMBOL	MODEL	DESCRIPTION	MODEL # (3)
Z	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET	#4ATCP2RXX WITH #4B BLANK DEVICE PLATE (3)
T	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH QUAD OUTLET	#4ATCP4RXX (3)
X	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET AND LOW VOLTAGE OUTLET	#4ATCP2RBK (3)(2)
Y	EVOLUTION SERIES 6AT	6" FLOOR BOX WITH QUAD OUTLET AND LOW VOLTAGE OUTLET	#6ATCP2RXX (3)(2)
V	EVOLUTION SERIES 6AT	6" FURNITURE FEED WITH LOW VOLTAGE COMPARTMENT	#6ATCPFFXX (3)(2)

FLOOR BOX SCHEDULE NOTES

(1) COORDINATE FLOOR BOX DEPTH PRIOR TO ORDERING.

(2) COORDINATE LOW VOLTAGE REQUIREMENTS WITH LOW VOLTAGE DRAWINGS.

(3) ALL EVOLUTION SERIES POKE-THRU DEVICES SHALL BE "RECESSED" TYPE.
COORDINATE FLOOR BOX COVERS/FINISHES TO MATCH AS BEST AS POSSIBLE.



1 **FIRST FLOOR ELECTRICAL PLAN - SEGMENT A**
SCALE: 1/4" = 1'-0"

KEY NOTES

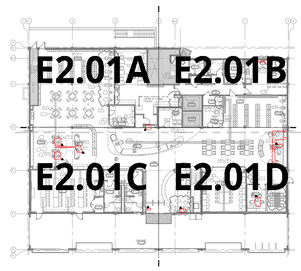
KEYNOTES ARE TYPICAL FOR ALL ENLARED POWER PLAN SHEETS. INDIVIDUAL KEYNOTES MAY NOT APPEAR ON EACH SHEET.

1. PROVIDE A 4-CIRCUIT, 8-WIRE FEED TO SYSTEM FURNITURE PRE-WIRED WHIP.
2. PROVIDE WIREMOLD S-4000 STAINLESS STEEL, TWO-PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE NEMA 5-20R DEVICES AT 36" OVER COUNTER. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. INTERCEPT AND EXTEND EXISTING CIRCUIT TO NEW OUTLET.
4. PROVIDE FLOOR BOX, WIREMOLD RATCHET-PRO SERIES OR EQUAL WITH BRUSHED ALUMINUM COVER PLATE, REFER TO "AT GRADE FLOOR BOX SCHEDULE" FOR DETAILS. COORDINATE EXACT LOCATION WITH STRUCTURAL ENGINEER, ARCHITECT, AND FURNITURE LAYOUT. COORDINATE TRENCH ROUTING WITH ARCHITECT AND STRUCTURAL ENGINEER. CONTRACTOR TO SUBMIT SPECIFICS ON DEVICE QUANTITY AND COVER PLATES.
5. PROVIDE EVOLUTION POKE-THRU FLOOR BOX OR EQUAL WITH BRUSHED ALUMINUM COVER PLATE, REFER TO "POKE-THRU FLOOR BOX SCHEDULE" FOR DETAILS. COORDINATE EXACT LOCATION WITH STRUCTURAL ENGINEER, ARCHITECT, AND FURNITURE LAYOUT. CONTRACTOR TO SUBMIT SPECIFICS ON DEVICE QUANTITY AND COVER PLATES.
6. PROVIDE OUTLET AT 54"AFF FOR DIGITAL DISPLAY. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
7. PROVIDE POWER FOR UNDERSINK INSTAHOT HOT WATER HEATER. REFER TO PLUMBING EQUIPMENT SCHEDULE ON SHEET E051 FOR ADDITIONAL INFORMATION INCLUDING LOCAL DISCONNECT REQUIREMENTS AND FEEDER SIZE.
8. PROVIDE SURFACE MOUNT RACEWAY RISER ON EXISTING PLASTER WALL. RACEWAY SHALL BE PAINTED TO MATCH.
9. PROVIDE POWER AT POWERED STOREFRONT DOOR.
10. PROVIDE POWER FOR BOOK DETECTION GATES.
11. PROVIDE POWER FOR CHILLED WATER FOUNTAIN/BOTTLE FILLER.
12. PROVIDE WIREMOLD S-4000 STAINLESS STEEL, TWO-PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE 5-20R DEVICES UNDER COUNTER.
13. PROVIDE POWER FOR ILLLUMINATED DISPLAY CABINET. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
14. PROVIDE CIRCUIT AS INDICATED FOR SEATING BENCH. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. PROVIDE NEMA 5-20L RECEPTACLE. COORDINATE OUTLET CONFIGURATION WITH SYSTEMS FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
15. PROVIDE PENETRATION THROUGH EXISTING PLASTER WALL TO BACK OF HOUSE AREA FOR NEW OUTLET ON EXISTING PLASTER WALL. PROVIDE SURFACE MOUNT RACEWAY IN BACK OF HOUSE AREA. REFER TO DETAIL #4, SHEET E0.91.
16. LOW VOLTAGE CONDUIT ALSO REQUIRED. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
17. PROVIDE 120V POWER FOR SYCHRONIZED CLOCK AT 8FT ABOVE FINISHED FLOOR. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

GENERAL NOTES

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS.
2. THE EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT SITE PRIOR TO SUBMITTING BID. ALL DEMOLITION, ALTERATION, EXTENSION, RELOCATION, REHABILITATION WORK SHALL BE INCLUDED IN CONTRACT. NO ADDITIONAL ALLOWANCE OR CHANGE ORDERS WILL BE ACCEPTED.
3. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILINGS, FLOOR SPACES, ETC. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH PLANNED REMODEL WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLETS, FIXTURES, EQUIPMENT, ETC. SCHEDULED TO REMAIN.
4. NOTIFY THE ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED ON "AS-BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN STRUCTURE WALLS.
5. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
6. EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
7. DEMOLITION WORK SHALL BE DONE IN A MANNER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE, AND NOT INTERFERE WITH ITS OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE.
8. DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
10. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS SALVAGED MATERIALS SHALL REMAIN IN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER AND NEATLY PILE OR STORE THEM AND PROTECT FROM DAMAGED. DISPOSE OF ALL HAZARDOUS MATERIAL PER GUIDELINE OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES AND OTHER AGENCIES HAVING JURISDICTION.
11. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WIRING RUNS, REUSE AS REQUIRE AND REMOVED ALL UNUSED CONDUIT/WIRING. UNUSED CONDUIT IN INACCESSIBLE LOCATIONS (WALLS TO REMAIN) CAN BE ABANDONED IN PLACE. REMOVE UNUSED WIRING.
12. REFER TO SHEET E051 FOR MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CONNECTION SCHEDULE FOR FEEDER SIZE, DISCONNECT SIZE, AND ADDITIONAL INFORMATION.

KEYPLAN



REVISIONS

3	Add-01	8/15/25

CONSTRUCTION DOCUMENTS

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Project No.: 2022045.04

REGISTERED PROFESSIONAL ENGINEER
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Exp. 09/30/26
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DATE	07/15/2025

FIRST FLOOR ELECTRICAL PLAN SEGMENT A

E2.01A

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"AT GRADE" FLOOR BOX SCHEDULE

SYMBOL	MODEL	DESCRIPTION	MODEL #
A	RFBA SERIES 4–GANG W/	DUPLEX OUTLET	#RFBA4R300G–RFBADP20TR (1)
B	RFBA SERIES 4–GANG W/	QUAD OUTLET	#RFBA4R300G–(2) RFBADP20TR (1)
C	RFBA SERIES 6–GANG W/	DUPLEX OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G–RFBADP20TR–RFBADEC (1)(2)
D	RFBA SERIES 6–GANG W/	QUAD OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G–(2) RFBADP20TR–RFBADEC (1)(2)

POKE-THRU FLOOR BOX SCHEDULE

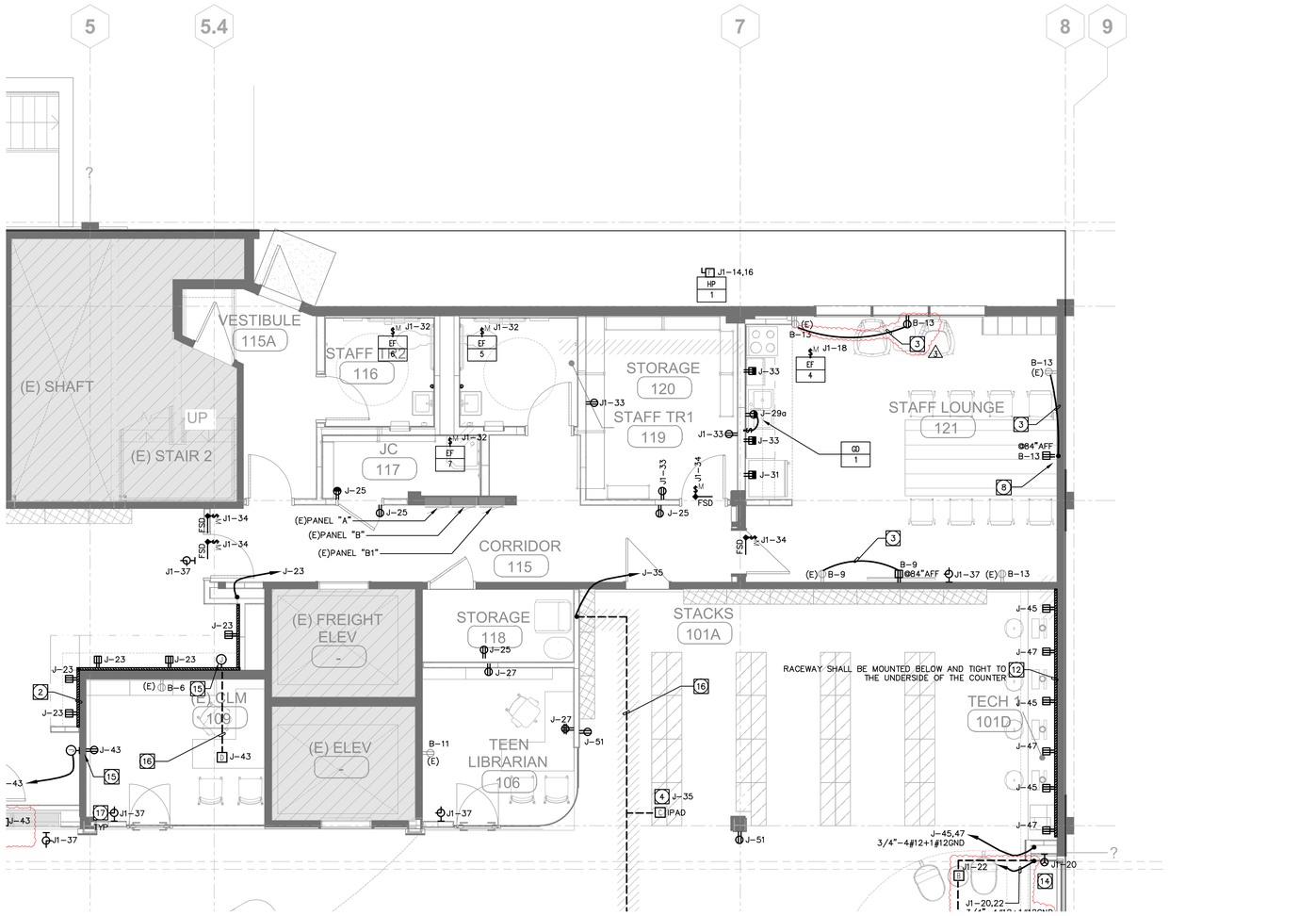
SYMBOL	MODEL	DESCRIPTION	MODEL # (3)
Z	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET	#4ATCP2RXX WITH #4B BLANK DEVICE PLATE (3)
T	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH QUAD OUTLET	#4ATCP4RXX (3)
X	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET AND LOW VOLTAGE OUTLET	#4ATCP2RBK (3)(2)
B	EVOLUTION SERIES 6AT	6" FLOOR BOX WITH QUAD OUTLET AND LOW VOLTAGE OUTLET	#6ATCP2RXX (3)(2)
V	EVOLUTION SERIES 6AT	6" FURNITURE FEED WITH LOW VOLTAGE COMPARTMENT	#6ATCPFFXX (3)(2)

FLOOR BOX SCHEDULE NOTES

(1) COORDINATE FLOOR BOX DEPTH PRIOR TO ORDERING.

(2) COORDINATE LOW VOLTAGE REQUIREMENTS WITH LOW VOLTAGE DRAWINGS.

(3) ALL EVOLUTION SERIES POKE–THRU DEVICES SHALL BE "RECESSED" TYPE.
COORDINATE FLOOR BOX COVERS/FINISHES TO MATCH AS BEST AS POSSIBLE.



1 **FIRST FLOOR ELECTRICAL PLAN - SEGMENT B**
SCALE: 1/4" = 1'–0"

KEY NOTES

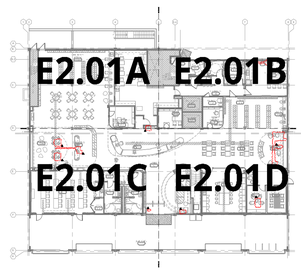
KEYNOTES ARE TYPICAL FOR ALL ENLARED POWER PLAN SHEETS. INDIVIDUAL KEYNOTES MAY NOT APPEAR ON EACH SHEET.

1. PROVIDE A 4–CIRCUIT, 8–WIRE FEED TO SYSTEM FURNITURE PRE–WIRED WHIP.
2. PROVIDE WIREMOLD S–4000 STAINLESS STEEL, TWO–PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE NEMA 5–20R DEVICES AT 36" OVER COUNTER. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. INTERCEPT AND EXTEND EXISTING CIRCUIT TO NEW OUTLET.
4. PROVIDE FLOOR BOX, WIREMOLD RATCHET–PRO SERIES OR EQUAL WITH BRUSHED ALUMINUM COVER PLATE, REFER TO "AT GRADE FLOOR BOX SCHEDULE" FOR DETAILS. COORDINATE EXACT LOCATION WITH STRUCTURAL ENGINEER, ARCHITECT, AND FURNITURE LAYOUT. COORDINATE TRENCH ROUTING WITH ARCHITECT AND STRUCTURAL ENGINEER. CONTRACTOR TO SUBMIT SPECIFICS ON DEVICE QUANTITY AND COVER PLATES.
5. PROVIDE EVOLUTION POKE–THRU FLOOR BOX OR EQUAL WITH BRUSHED ALUMINUM COVER PLATE, REFER TO "POKE–THRU FLOOR BOX SCHEDULE" FOR DETAILS. COORDINATE EXACT LOCATION WITH STRUCTURAL ENGINEER, ARCHITECT, AND FURNITURE LAYOUT. CONTRACTOR TO SUBMIT SPECIFICS ON DEVICE QUANTITY AND COVER PLATES.
6. PROVIDE OUTLET AT 54"AFF FOR DIGITAL DISPLAY. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO ROUGH–IN.
7. PROVIDE POWER FOR UNDERSINK INSTAHOT HOT WATER HEATER. REFER TO PLUMBING EQUIPMENT SCHEDULE ON SHEET E051 FOR ADDITIONAL INFORMATION INCLUDING LOCAL DISCONNECT REQUIREMENTS AND FEEDER SIZE.
8. PROVIDE SURFACE MOUNT RACEWAY RISER ON EXISTING PLASTER WALL. RACEWAY SHALL BE PAINTED TO MATCH.
9. PROVIDE POWER AT POWERED STOREFRONT DOOR.
10. PROVIDE POWER FOR BOOK DETECTION GATES.
11. PROVIDE POWER FOR CHILLED WATER FOUNTAIN/BOTTLE FILLER.
12. PROVIDE WIREMOLD S–4000 STAINLESS STEEL, TWO–PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE 5–20R DEVICES UNDER COUNTER.
13. PROVIDE POWER FOR ILLLUMINATED DISPLAY CABINET. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH–IN.
14. PROVIDE CIRCUIT AS INDICATED FOR SEATING BENCH. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH–IN. PROVIDE NEMA 5–20L RECEPTACLE. COORDINATE OUTLET CONFIGURATION WITH SYSTEMS FURNITURE MANUFACTURER PRIOR TO ROUGH–IN.
15. PROVIDE PENETRATION THROUGH EXISTING PLASTER WALL TO BACK OF HOUSE AREA FOR NEW OUTLET ON EXISTING PLASTER WALL. PROVIDE SURFACE MOUNT RACEWAY IN BACK OF HOUSE AREA. REFER TO DETAIL #4, SHEET E0.91.
16. LOW VOLTAGE CONDUIT ALSO REQUIRED. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
17. PROVIDE 120V POWER FOR SYCHRONIZED CLOCK AT 8FT ABOVE FINISHED FLOOR. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH–IN.

GENERAL NOTES

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS.
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3. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILINGS, FLOOR SPACES, ETC. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH PLANNED REMODEL WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLETS, FIXTURES, EQUIPMENT, ETC. SCHEDULED TO REMAIN.
4. NOTIFY THE ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED ON "AS–BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN STRUCTURE WALLS.
5. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
6. EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
7. DEMOLITION WORK SHALL BE DONE IN A MANNER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE, AND NOT INTERFERE WITH ITS OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE.
8. DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
10. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS SALVAGED MATERIALS SHALL REMAIN IN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER AND NEATLY PILE OR STORE THEM AND PROTECT FROM DAMAGED. DISPOSE OF ALL HAZARDOUS MATERIAL PER GUIDELINE OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES AND OTHER AGENCIES HAVING JURISDICTION.
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12. REFER TO SHEET E051 FOR MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CONNECTION SCHEDULE FOR FEEDER SIZE, DISCONNECT SIZE, AND ADDITIONAL INFORMATION.

KEYPLAN



REVISIONS
3 Add-01 8/15/25

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DATE	07/15/2025

FIRST FLOOR ELECTRICAL PLAN SEGMENT B

E2.01B

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"AT GRADE" FLOOR BOX SCHEDULE

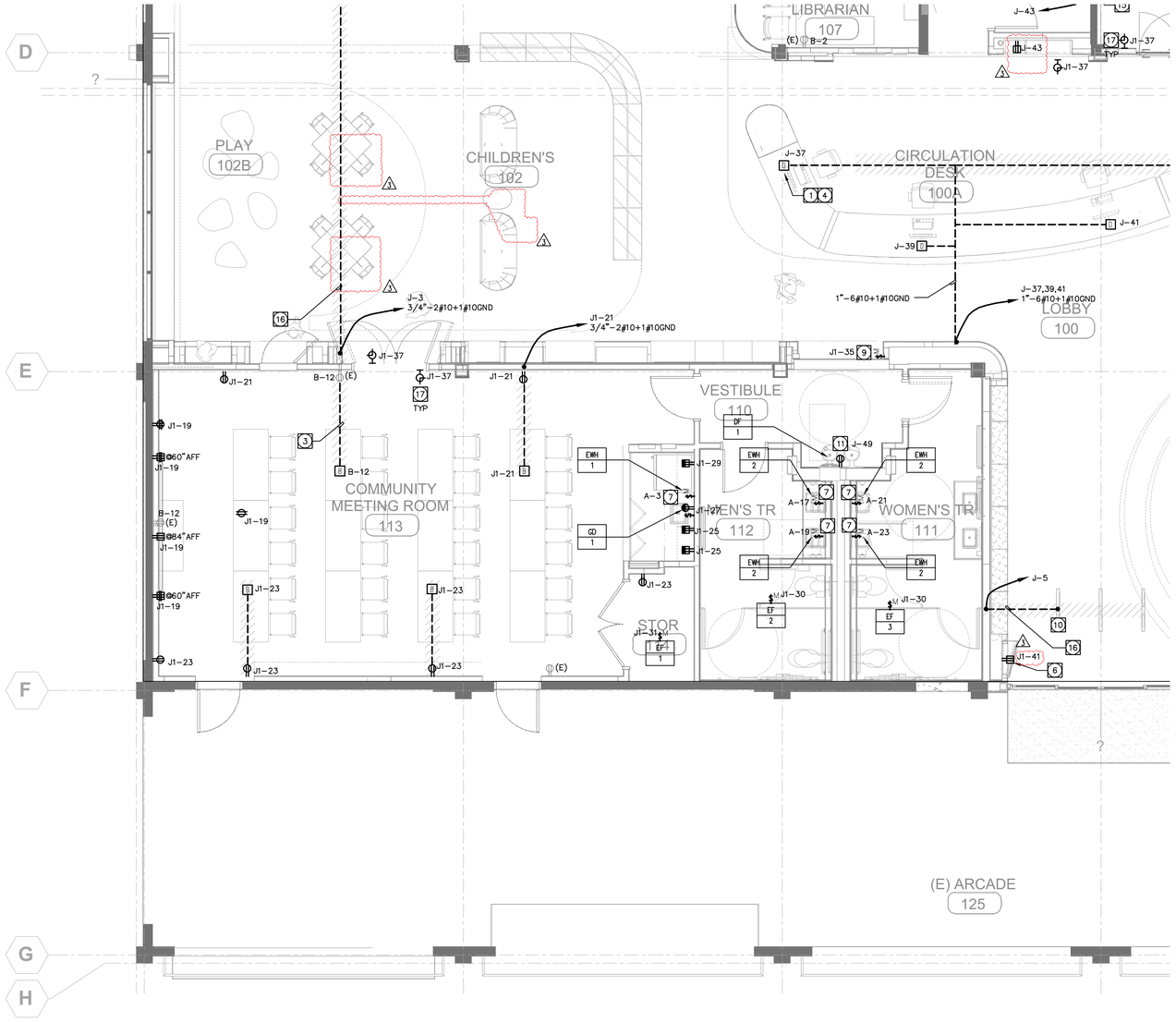
SYMBOL	MODEL	DESCRIPTION	MODEL #
A	RFBA SERIES 4-GANG W/	DUPLEX OUTLET	#RFBA4R300G-RFBADP20TR (1)
B	RFBA SERIES 4-GANG W/	QUAD OUTLET	#RFBA4R300G-(2) RFBADP20TR (1)
C	RFBA SERIES 6-GANG W/	DUPLEX OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-RFBADP20TR-RFBADEC (1)(2)
D	RFBA SERIES 6-GANG W/	QUAD OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-(2) RFBADP20TR-RFBADEC (1)(2)

POKE-THRU FLOOR BOX SCHEDULE

SYMBOL	MODEL	DESCRIPTION	MODEL # (3)
Z	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET	#4ATCP2RXX WITH #4B BLANK DEVICE PLATE (3)
Y	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH QUAD OUTLET	#4ATCP4RXX (3)
X	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET AND LOW VOLTAGE OUTLET	#4ATCP2RBK (3)(2)
W	EVOLUTION SERIES 6AT	6" FLOOR BOX WITH QUAD OUTLET AND LOW VOLTAGE OUTLET	#6ATCP2RXX (3)(2)
V	EVOLUTION SERIES 6AT	6" FURNITURE FEED WITH LOW VOLTAGE COMPARTMENT	#6ATCPFFXX (3)(2)

FLOOR BOX SCHEDULE NOTES

1. COORDINATE FLOOR BOX DEPTH PRIOR TO ORDERING.
2. COORDINATE LOW VOLTAGE REQUIREMENTS WITH LOW VOLTAGE DRAWINGS.
3. ALL EVOLUTION SERIES POKE-THRU DEVICES SHALL BE "RECESSED" TYPE.
   COORDINATE FLOOR BOX COVERS/FINISHES TO MATCH AS BEST AS POSSIBLE.



1 **FIRST FLOOR ELECTRICAL PLAN - SEGMENT C**
SCALE: 1/4" = 1'-0"

KEY NOTES

KEYNOTES ARE TYPICAL FOR ALL ENLARED POWER PLAN SHEETS. INDIVIDUAL KEYNOTES MAY NOT APPEAR ON EACH SHEET.

1. PROVIDE A 4-CIRCUIT, 8-WIRE FEED TO SYSTEM FURNITURE PRE-WIRED WHIP.
2. PROVIDE WIREMOLD S-4000 STAINLESS STEEL, TWO-PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE NEMA 5-20R DEVICES AT 36" OVER COUNTER. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. INTERCEPT AND EXTEND EXISTING CIRCUIT TO NEW OUTLET.
4. PROVIDE FLOOR BOX, WIREMOLD RATCHET-PRO SERIES OR EQUAL WITH BRUSHED ALUMINUM COVER PLATE, REFER TO "AT GRADE FLOOR BOX SCHEDULE" FOR DETAILS. COORDINATE EXACT LOCATION WITH STRUCTURAL ENGINEER, ARCHITECT, AND FURNITURE LAYOUT. COORDINATE TRENCH ROUTING WITH ARCHITECT AND STRUCTURAL ENGINEER. CONTRACTOR TO SUBMIT SPECIFICS ON DEVICE QUANTITY AND COVER PLATES.
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6. PROVIDE OUTLET AT 54"AFF FOR DIGITAL DISPLAY. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
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12. REFER TO SHEET E051 FOR MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CONNECTION SCHEDULE FOR FEEDER SIZE, DISCONNECT SIZE, AND ADDITIONAL INFORMATION.

KEYPLAN



REVISIONS

3	Add-01	8/15/25

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949.793.1133
Project No.: 2022-045-04

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CHECKED	Checker
DATE	07/15/2025

FIRST FLOOR ELECTRICAL PLAN SEGMENT C

E2.01C

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"AT GRADE" FLOOR BOX SCHEDULE

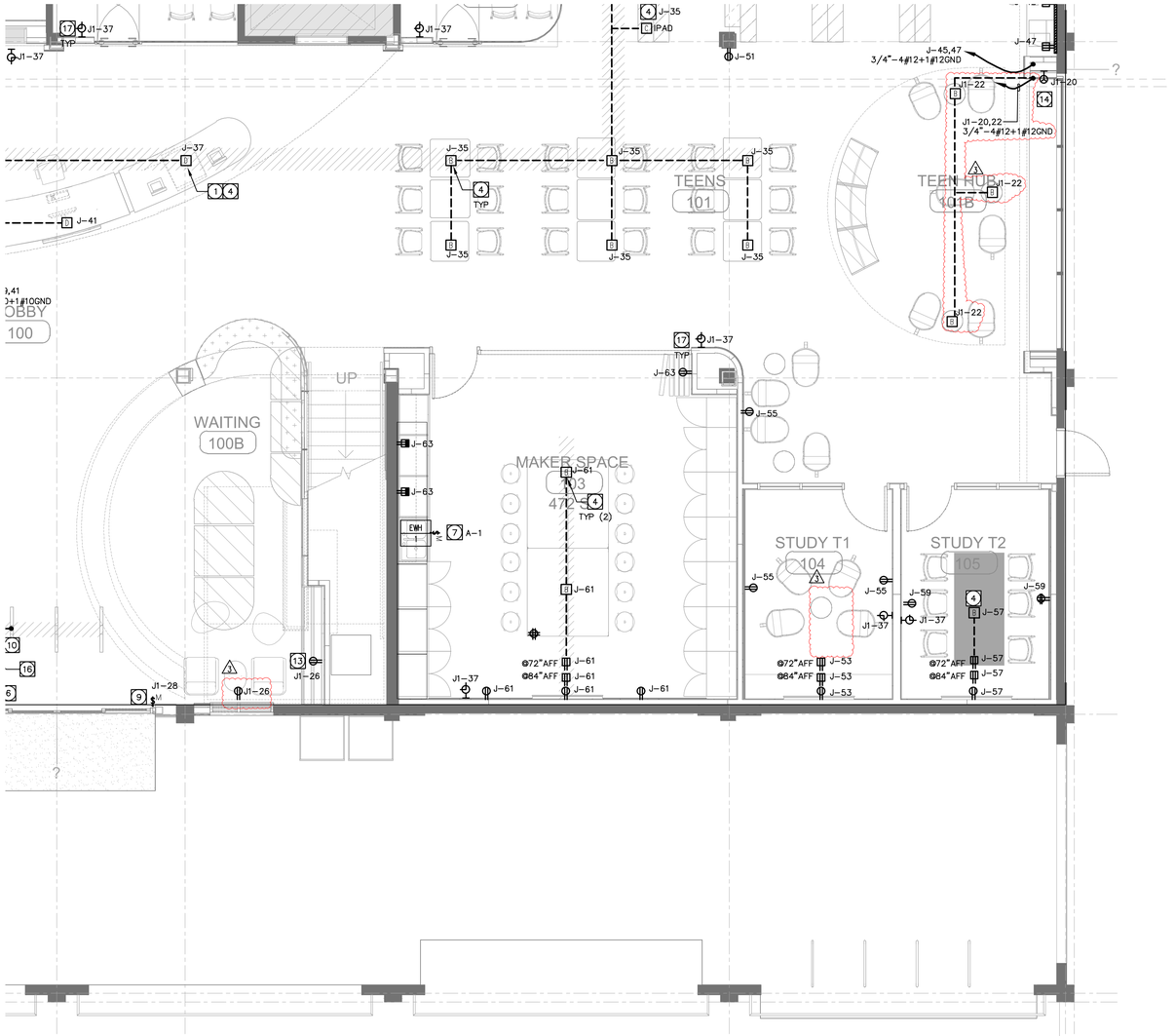
SYMBOL	MODEL	DESCRIPTION	MODEL #
A	RFBA SERIES 4-GANG W/	DUPLEX OUTLET	#RFBA4R300G-RFBADP20TR (1)
B	RFBA SERIES 4-GANG W/	QUAD OUTLET	#RFBA4R300G-(2) RFBADP20TR (1)
C	RFBA SERIES 6-GANG W/	DUPLEX OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-RFBADP20TR-RFBADEC (1)(2)
D	RFBA SERIES 6-GANG W/	QUAD OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-(2) RFBADP20TR-RFBADEC (1)(2)

POKE-THRU FLOOR BOX SCHEDULE

SYMBOL	MODEL	DESCRIPTION	MODEL # (3)
Z	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET	#4ATCP2RXX WITH #4B BLANK DEVICE PLATE (3)
T	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH QUAD OUTLET	#4ATCP4RXX (3)
X	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET AND LOW VOLTAGE OUTLET	#4ATCP2RBK (3)(2)
R	EVOLUTION SERIES 6AT	6" FLOOR BOX WITH QUAD OUTLET AND LOW VOLTAGE OUTLET	#6ATCP2RXX (3)(2)
V	EVOLUTION SERIES 6AT	6" FURNITURE FEED WITH LOW VOLTAGE COMPARTMENT	#6ATCPFFXX (3)(2)

FLOOR BOX SCHEDULE NOTES

(1) COORDINATE FLOOR BOX DEPTH PRIOR TO ORDERING.
(2) COORDINATE LOW VOLTAGE REQUIREMENTS WITH LOW VOLTAGE DRAWINGS.
(3) ALL EVOLUTION SERIES POKE-THRU DEVICES SHALL BE "RECESSED" TYPE.
COORDINATE FLOOR BOX COVERS/FINISHES TO MATCH AS BEST AS POSSIBLE.



1 **FIRST FLOOR ELECTRICAL PLAN - SEGMENT D**
SCALE: 1/4" = 1'-0"

KEY NOTES

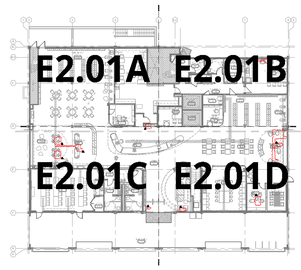
KEYNOTES ARE TYPICAL FOR ALL ENLARED POWER PLAN SHEETS. INDIVIDUAL KEYNOTES MAY NOT APPEAR ON EACH SHEET.

1. PROVIDE A 4-CIRCUIT, 8-WIRE FEED TO SYSTEM FURNITURE PRE-WIRED WHIP.
2. PROVIDE WIREMOLD S-4000 STAINLESS STEEL, TWO-PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE NEMA 5-20R DEVICES AT 36" OVER COUNTER. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. INTERCEPT AND EXTEND EXISTING CIRCUIT TO NEW OUTLET.
4. PROVIDE FLOOR BOX, WIREMOLD RATCHET-PRO SERIES OR EQUAL WITH BRUSHED ALUMINUM COVER PLATE, REFER TO "AT GRADE FLOOR BOX SCHEDULE" FOR DETAILS. COORDINATE EXACT LOCATION WITH STRUCTURAL ENGINEER, ARCHITECT, AND FURNITURE LAYOUT. COORDINATE TRENCH ROUTING WITH ARCHITECT AND STRUCTURAL ENGINEER. CONTRACTOR TO SUBMIT SPECIFICS ON DEVICE QUANTITY AND COVER PLATES.
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6. PROVIDE OUTLET AT 54"AFF FOR DIGITAL DISPLAY. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
7. PROVIDE POWER FOR UNDERSINK INSTAHOT HOT WATER HEATER. REFER TO PLUMBING EQUIPMENT SCHEDULE ON SHEET E051 FOR ADDITIONAL INFORMATION INCLUDING LOCAL DISCONNECT REQUIREMENTS AND FEEDER SIZE.
8. PROVIDE SURFACE MOUNT RACEWAY RISER ON EXISTING PLASTER WALL. RACEWAY SHALL BE PAINTED TO MATCH.
9. PROVIDE POWER AT POWERED STOREFRONT DOOR.
10. PROVIDE POWER FOR BOOK DETECTION GATES.
11. PROVIDE POWER FOR CHILLED WATER FOUNTAIN/BOTTLE FILLER.
12. PROVIDE WIREMOLD S-4000 STAINLESS STEEL, TWO-PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE 5-20R DEVICES UNDER COUNTER.
13. PROVIDE POWER FOR ILLLUMINATED DISPLAY CABINET. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
14. PROVIDE CIRCUIT AS INDICATED FOR SEATING BENCH. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. PROVIDE NEMA 5-20L RECEPTACLE. COORDINATE OUTLET CONFIGURATION WITH SYSTEMS FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
15. PROVIDE PENETRATION THROUGH EXISTING PLASTER WALL TO BACK OF HOUSE AREA FOR NEW OUTLET ON EXISTING PLASTER WALL. PROVIDE SURFACE MOUNT RACEWAY IN BACK OF HOUSE AREA. REFER TO DETAIL #4, SHEET E0.91.
16. LOW VOLTAGE CONDUIT ALSO REQUIRED. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
17. PROVIDE 120V POWER FOR SYCHRONIZED CLOCK AT 8FT ABOVE FINISHED FLOOR. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

GENERAL NOTES

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS.
2. THE EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT SITE PRIOR TO SUBMITTING BID. ALL DEMOLITION, ALTERATION, EXTENSION, RELOCATION, REHABILITATION WORK SHALL BE INCLUDED IN CONTRACT. NO ADDITIONAL ALLOWANCE OR CHANGE ORDERS WILL BE ACCEPTED.
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4. NOTIFY THE ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED ON "AS-BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN STRUCTURE WALLS.
5. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
6. EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
7. DEMOLITION WORK SHALL BE DONE IN A MANNER WHICH WILL NOT CAUSE UNNECESSARY INCONVENIENCE OR DANGER TO USERS OF THE PREMISES AND ADJACENT SITE, AND NOT INTERFERE WITH ITS OPERATION. ANY DEMOLITION WORK TO BE PERFORMED MUST BE PLANNED IN ADVANCE.
8. DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
10. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS SALVAGED MATERIALS SHALL REMAIN IN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER AND NEATLY PILE OR STORE THEM AND PROTECT FROM DAMAGED. DISPOSE OF ALL HAZARDOUS MATERIAL PER GUIDELINE OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES AND OTHER AGENCIES HAVING JURISDICTION.
11. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WIRING RUNS, REUSE AS REQUIRE AND REMOVED ALL UNUSED CONDUIT/WIRING. UNUSED CONDUIT IN INACCESSIBLE LOCATIONS (WALLS TO REMAIN) CAN BE ABANDONED IN PLACE. REMOVE UNUSED WIRING.
12. REFER TO SHEET E051 FOR MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CONNECTION SCHEDULE FOR FEEDER SIZE, DISCONNECT SIZE, AND ADDITIONAL INFORMATION.

KEYPLAN



REVISIONS
3 Add-01 8/15/25

CONSTRUCTION DOCUMENTS

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Irvine, CA 92618
Project No: 2022045.40

REGISTERED PROFESSIONAL ENGINEER ROY T. LOPEZ No. 13442 Exp. 09/30/26 ELECTRICAL STATE OF CALIFORNIA

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6518 MILES AVE
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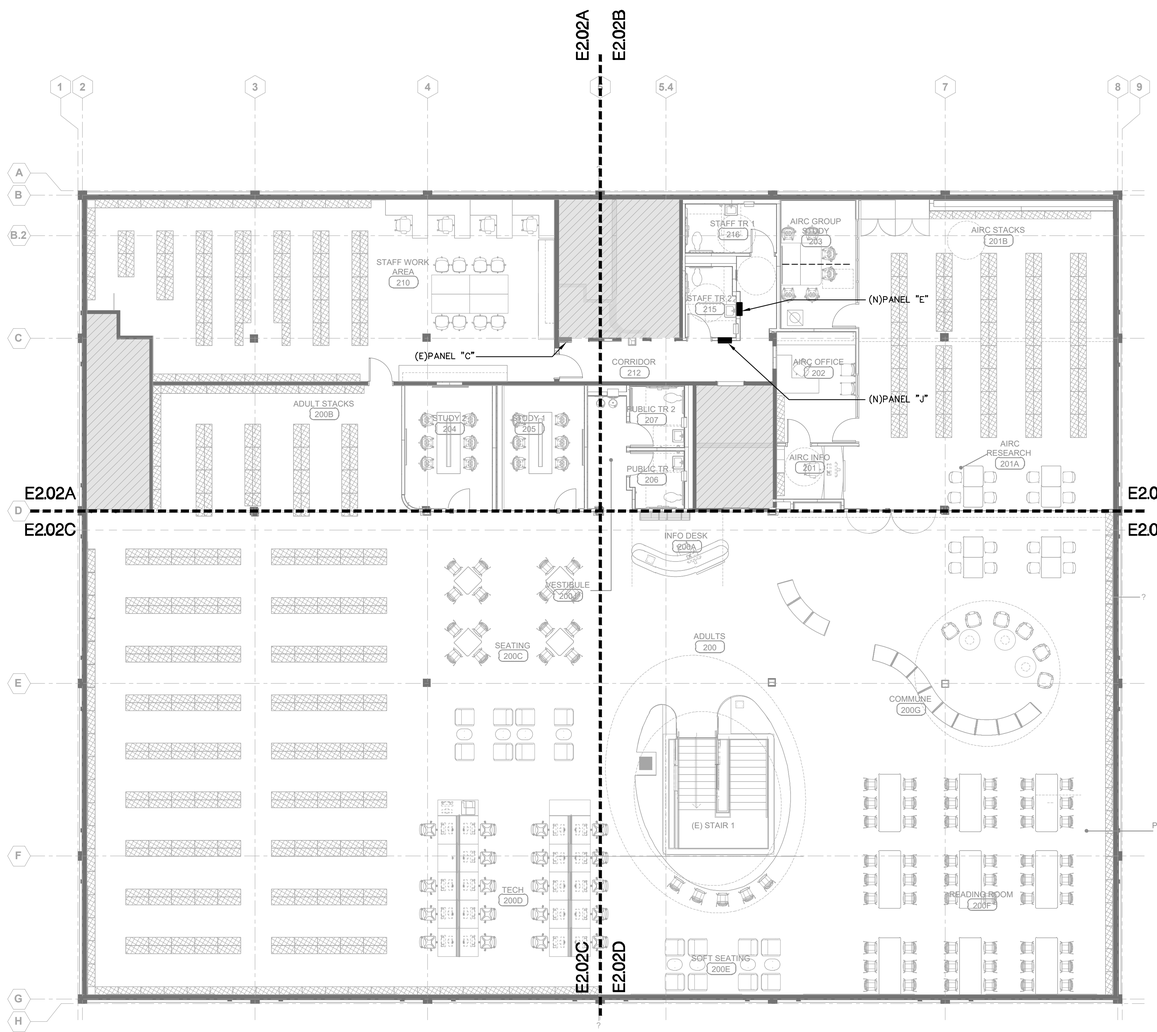
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CHECKED	Checker
DATE	07/15/2025

FIRST FLOOR ELECTRICAL PLAN SEGMENT D

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1 **SECOND FLOOR ELECTRICAL PLAN**
SCALE: 1/8" = 1'-0"

KEY NOTES

1 NOT USED.

GENERAL NOTES

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS.
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REVISIONS
3 Add-01 8/15/25

CONSTRUCTION DOCUMENTS

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Irvine, CA 92618
Project No.: 2022-043-04

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OVERALL SECOND FLOOR ELECTRICAL PLAN

3

E2.02

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"AT GRADE" FLOOR BOX SCHEDULE

SYMBOL	MODEL	DESCRIPTION	MODEL #
A	RFBA SERIES 4-GANG W/	DUPLEX OUTLET	#RFBA4R300G-RFBADP20TR (1)
B	RFBA SERIES 4-GANG W/	QUAD OUTLET	#RFBA4R300G-(2) RFBADP20TR (1)
C	RFBA SERIES 6-GANG W/	DUPLEX OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-RFBADP20TR-RFBADEC (1)(2)
D	RFBA SERIES 6-GANG W/	QUAD OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-(2) RFBADP20TR-RFBADEC (1)(2)

POKE-THRU FLOOR BOX SCHEDULE

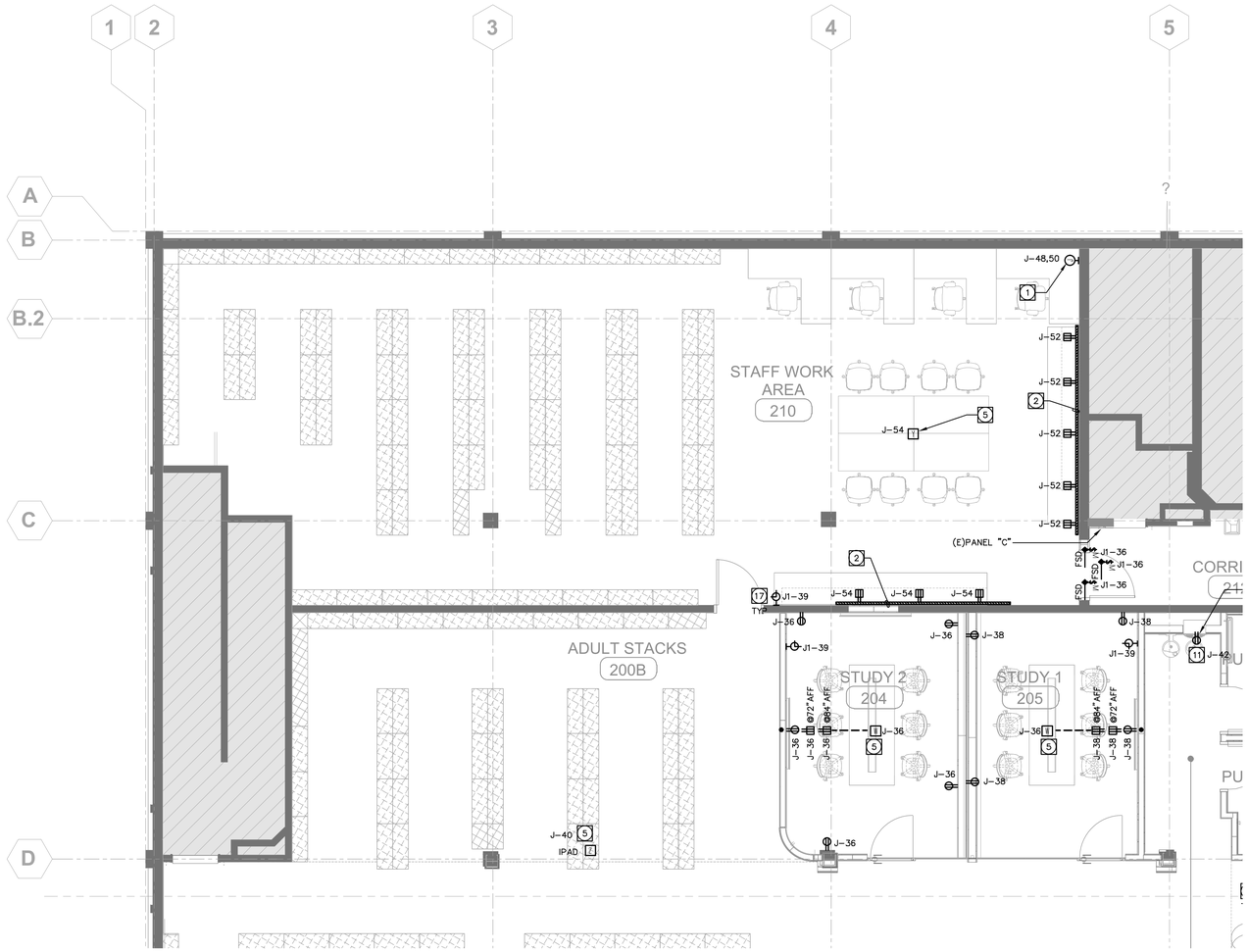
SYMBOL	MODEL	DESCRIPTION	MODEL # (3)
Z	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET	#4ATCP2RXX WITH #4B BLANK DEVICE PLATE (3)
Y	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH QUAD OUTLET	#4ATCP4RXX (3)
X	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET AND LOW VOLTAGE OUTLET	#4ATCP2RBK (3)(2)
W	EVOLUTION SERIES 6AT	6" FLOOR BOX WITH QUAD OUTLET AND LOW VOLTAGE OUTLET	#6ATCP2RXX (3)(2)
V	EVOLUTION SERIES 6AT	6" FURNITURE FEED WITH LOW VOLTAGE COMPARTMENT	#6ATCPFFXX (3)(2)

FLOOR BOX SCHEDULE NOTES

(1) COORDINATE FLOOR BOX DEPTH PRIOR TO ORDERING.

(2) COORDINATE LOW VOLTAGE REQUIREMENTS WITH LOW VOLTAGE DRAWINGS.

(3) ALL EVOLUTION SERIES POKE-THRU DEVICES SHALL BE "RECESSED" TYPE.
COORDINATE FLOOR BOX COVERS/FINISHES TO MATCH AS BEST AS POSSIBLE.



1 **SECOND FLOOR ELECTRICAL PLAN - SEGMENT A**
SCALE: 1/4" = 1'-0"

KEY NOTES

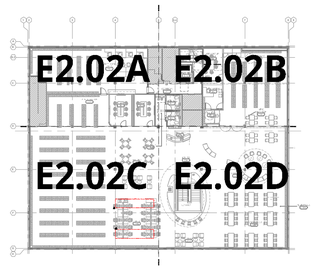
KEYNOTES ARE TYPICAL FOR ALL ENLARED POWER PLAN SHEETS. INDIVIDUAL KEYNOTES MAY NOT APPEAR ON EACH SHEET.

1. PROVIDE A 4-CIRCUIT, 8-WIRE FEED TO SYSTEM FURNITURE PRE-WIRED WHIP.
2. PROVIDE WIREMOLD S-4000 STAINLESS STEEL, TWO-PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE NEMA 5-20R DEVICES AT 36" OVER COUNTER. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. INTERCEPT AND EXTEND EXISTING CIRCUIT TO NEW OUTLET.
4. PROVIDE FLOOR BOX, WIREMOLD RATCHET-PRO SERIES OR EQUAL WITH BRUSHED ALUMINUM COVER PLATE, REFER TO "AT GRADE FLOOR BOX SCHEDULE" FOR DETAILS. COORDINATE EXACT LOCATION WITH STRUCTURAL ENGINEER, ARCHITECT, AND FURNITURE LAYOUT. COORDINATE TRENCH ROUTING WITH ARCHITECT AND STRUCTURAL ENGINEER. CONTRACTOR TO SUBMIT SPECIFICS ON DEVICE QUANTITY AND COVER PLATES.
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16. LOW VOLTAGE CONDUIT ALSO REQUIRED. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
17. PROVIDE 120V POWER FOR SYCHRONIZED CLOCK AT 8FT ABOVE FINISHED FLOOR. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

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8. DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
10. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS SALVAGED MATERIALS SHALL REMAIN IN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER AND NEATLY PILE OR STORE THEM AND PROTECT FROM DAMAGED. DISPOSE OF ALL HAZARDOUS MATERIAL PER GUIDELINE OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES AND OTHER AGENCIES HAVING JURISDICTION.
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12. REFER TO SHEET E051 FOR MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CONNECTION SCHEDULE FOR FEEDER SIZE, DISCONNECT SIZE, AND ADDITIONAL INFORMATION.

KEYPLAN



REVISIONS
3 Add-01 8/15/25

CONSTRUCTION DOCUMENTS

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949.793.1133
Project No.: 2022045.04

REGISTERED PROFESSIONAL ENGINEER
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No. 13442
Exp. 09/30/26
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STATE OF CALIFORNIA

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DATE	07/15/2025

SECOND FLOOR ELECTRICAL PLAN SEGMENT A

3

E2.02A

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"AT GRADE" FLOOR BOX SCHEDULE

SYMBOL	MODEL	DESCRIPTION	MODEL #
A	RFBA SERIES 4-GANG W/	DUPLEX OUTLET	#RFBA4R300G-RFBADP20TR (1)
B	RFBA SERIES 4-GANG W/	QUAD OUTLET	#RFBA4R300G-(2) RFBADP20TR (1)
C	RFBA SERIES 6-GANG W/	DUPLEX OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-RFBADP20TR-RFBADEC (1)(2)
D	RFBA SERIES 6-GANG W/	QUAD OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-(2) RFBADP20TR-RFBADEC (1)(2)

POKE-THRU FLOOR BOX SCHEDULE

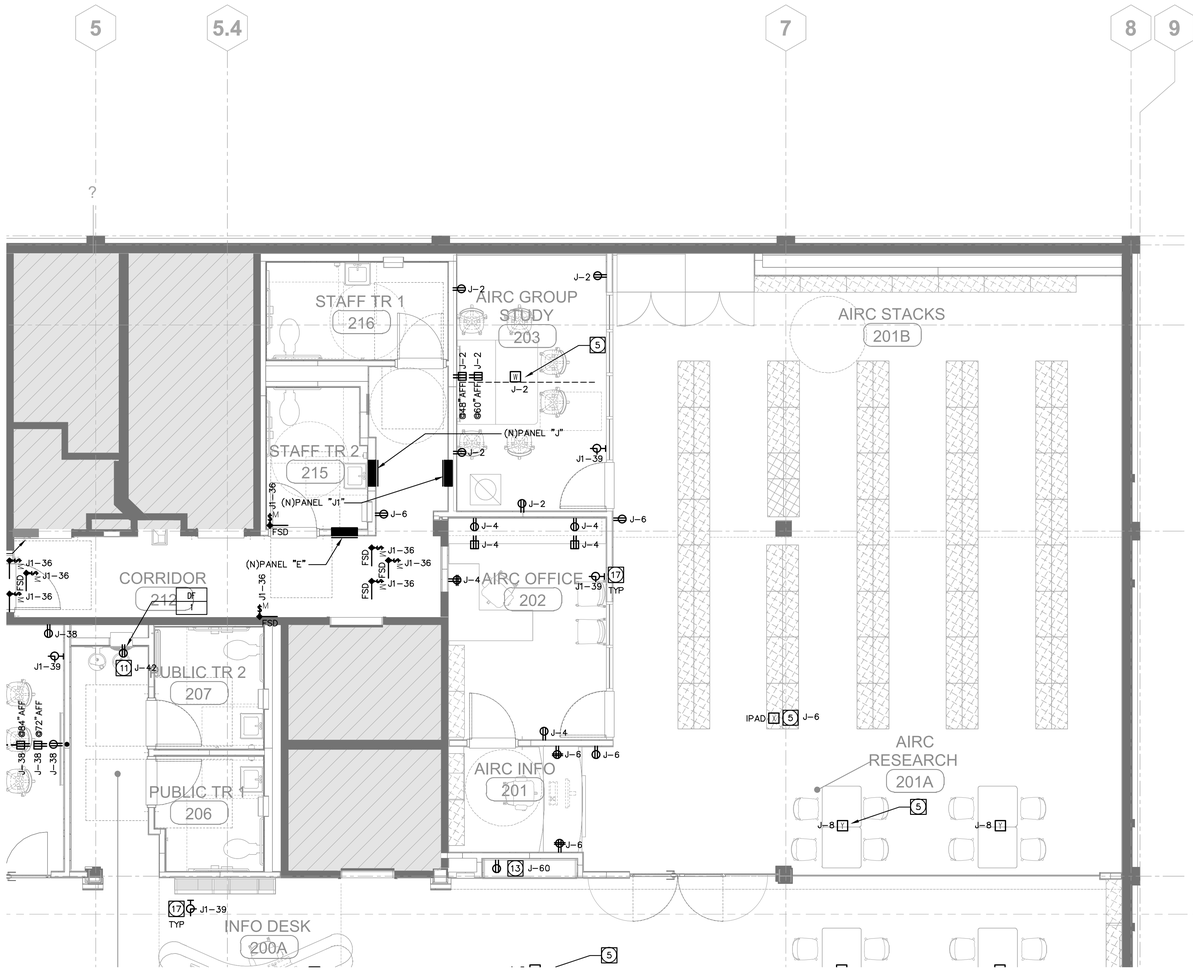
SYMBOL	MODEL	DESCRIPTION	MODEL # (3)
Z	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET	#4ATCP2RXX WITH #4B BLANK DEVICE PLATE (3)
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X	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET AND LOW VOLTAGE OUTLET	#4ATCP2RBK (3)(2)
W	EVOLUTION SERIES 6AT	6" FLOOR BOX WITH QUAD OUTLET AND LOW VOLTAGE OUTLET	#6ATCP2RXX (3)(2)
V	EVOLUTION SERIES 6AT	6" FURNITURE FEED WITH LOW VOLTAGE COMPARTMENT	#6ATCPFFXX (3)(2)

FLOOR BOX SCHEDULE NOTES

(1) COORDINATE FLOOR BOX DEPTH PRIOR TO ORDERING.

(2) COORDINATE LOW VOLTAGE REQUIREMENTS WITH LOW VOLTAGE DRAWINGS.

(3) ALL EVOLUTION SERIES POKE-THRU DEVICES SHALL BE "RECESSED" TYPE. COORDINATE FLOOR BOX COVERS/FINISHES TO MATCH AS BEST AS POSSIBLE.



1 **SECOND FLOOR ELECTRICAL PLAN - SEGMENT B**
SCALE: 1/4" = 1'-0"

KEY NOTES

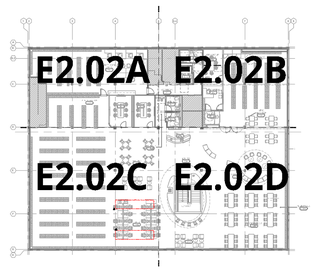
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3. INTERCEPT AND EXTEND EXISTING CIRCUIT TO NEW OUTLET.
4. PROVIDE FLOOR BOX, WIREMOLD RATCHET-PRO SERIES OR EQUAL WITH BRUSHED ALUMINUM COVER PLATE, REFER TO "AT GRADE FLOOR BOX SCHEDULE" FOR DETAILS. COORDINATE EXACT LOCATION WITH STRUCTURAL ENGINEER, ARCHITECT, AND FURNITURE LAYOUT. COORDINATE TRENCH ROUTING WITH ARCHITECT AND STRUCTURAL ENGINEER. CONTRACTOR TO SUBMIT SPECIFICS ON DEVICE QUANTITY AND COVER PLATES.
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7. PROVIDE POWER FOR UNDERSINK INSTAHOT HOT WATER HEATER. REFER TO PLUMBING EQUIPMENT SCHEDULE ON SHEET E051 FOR ADDITIONAL INFORMATION INCLUDING LOCAL DISCONNECT REQUIREMENTS AND FEEDER SIZE.
8. PROVIDE SURFACE MOUNT RACEWAY RISER ON EXISTING PLASTER WALL. RACEWAY SHALL BE PAINTED TO MATCH.
9. PROVIDE POWER AT POWERED STOREFRONT DOOR.
10. PROVIDE POWER FOR BOOK DETECTION GATES.
11. PROVIDE POWER FOR CHILLED WATER FOUNTAIN/BOTTLE FILLER.
12. PROVIDE WIREMOLD S-4000 STAINLESS STEEL, TWO-PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE 5-20R DEVICES UNDER COUNTER.
13. PROVIDE POWER FOR ILLLUMINATED DISPLAY CABINET. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
14. PROVIDE CIRCUIT AS INDICATED FOR SEATING BENCH. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. PROVIDE NEMA 5-20L RECEPTACLE. COORDINATE OUTLET CONFIGURATION WITH SYSTEMS FURNITURE MANUFACTURER PRIOR TO ROUGH-IN.
15. PROVIDE PENETRATION THROUGH EXISTING PLASTER WALL TO BACK OF HOUSE AREA FOR NEW OUTLET ON EXISTING PLASTER WALL. PROVIDE SURFACE MOUNT RACEWAY IN BACK OF HOUSE AREA. REFER TO DETAIL #4, SHEET E0.91.
16. LOW VOLTAGE CONDUIT ALSO REQUIRED. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
17. PROVIDE 120V POWER FOR SYCHRONIZED CLOCK AT 8FT ABOVE FINISHED FLOOR. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

GENERAL NOTES

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. DO NOT SCALE THE ELECTRICAL DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT OR OUTLETS.
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4. NOTIFY THE ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED ON "AS-BUILT" DRAWINGS OR WAS BURIED UNDERGROUND OR EMBEDDED IN STRUCTURE WALLS.
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8. DO ALL DRILLING, CUTTING, ETC. REQUIRED TO DEMOLISH ELECTRICAL WORK AS INDICATED OR PROVIDE BLANK COVER PLATE ON ALL OUTLETS EXPOSED BY REMOVAL OF FIXTURE OF DEVICES.
9. RESEAL ALL PENETRATIONS OR OPENING THROUGH WALLS, CEILING, FLOORS, ETC., TO MAINTAIN THE RATING OF STRUCTURE.
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12. REFER TO SHEET E051 FOR MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CONNECTION SCHEDULE FOR FEEDER SIZE, DISCONNECT SIZE, AND ADDITIONAL INFORMATION.

KEYPLAN



REVISIONS

3 Add-01 8/15/25

CONSTRUCTION DOCUMENTS

Salas O'Brien
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Irvine, CA 92618
Project No: 2022045.40

REGISTERED PROFESSIONAL ENGINEER
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DATE	07/15/2025

SECOND FLOOR ELECTRICAL PLAN SEGMENT B

3

E2.02B

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6/3/2024 3:09:19 PM Autodesk Docs://161-23025 LADPW LAC Huntington Library Renovation/161-23025_Huntington Park_Library.rvt

"AT GRADE" FLOOR BOX SCHEDULE

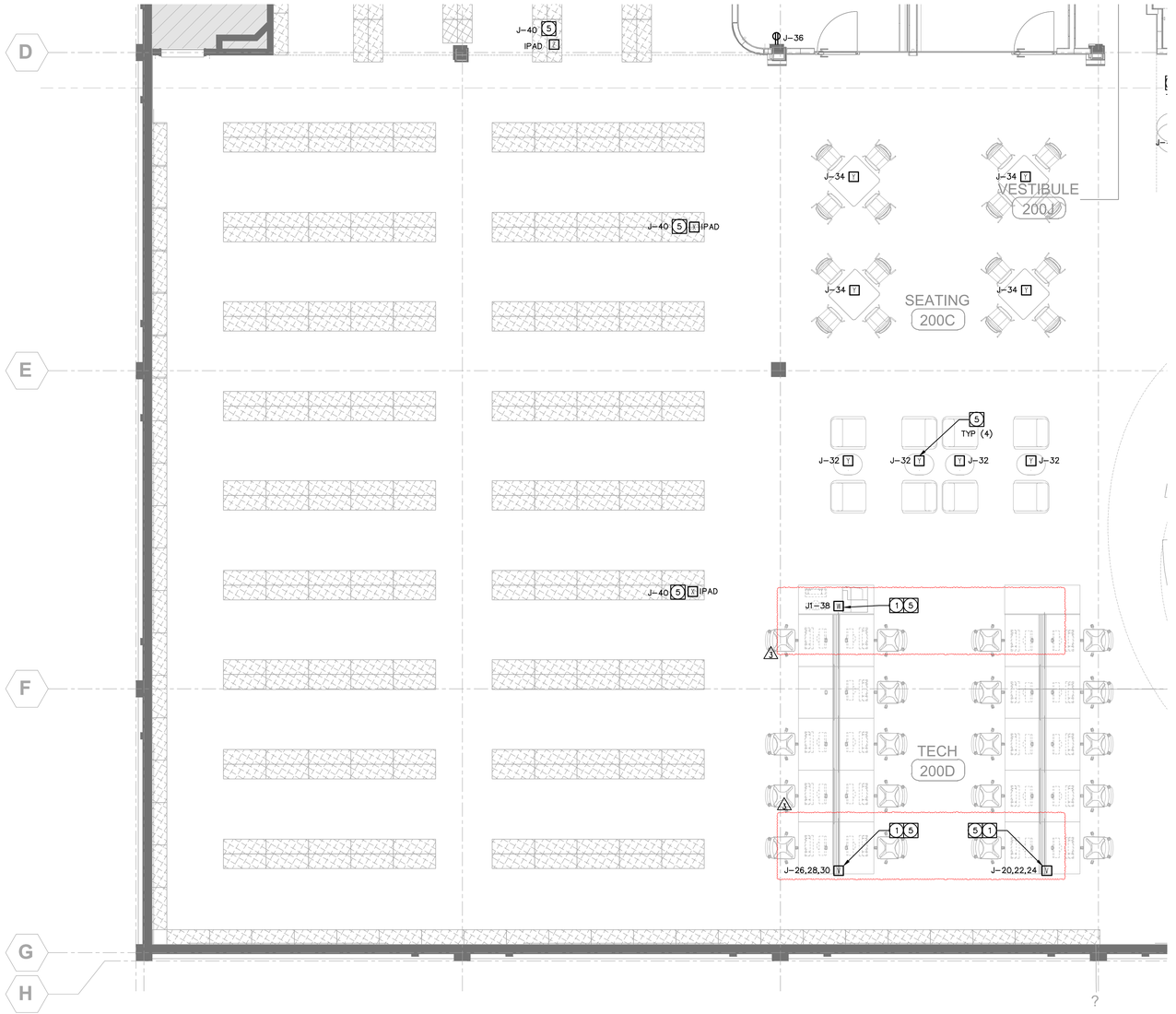
SYMBOL	MODEL	DESCRIPTION	MODEL #
A	RFBA SERIES 4-GANG W/	DUPLEX OUTLET	#RFBA4R300G-RFBADP20TR (1)
B	RFBA SERIES 4-GANG W/	QUAD OUTLET	#RFBA4R300G-(2) RFBADP20TR (1)
C	RFBA SERIES 6-GANG W/	DUPLEX OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-RFBADP20TR-RFBADEC (1)(2)
D	RFBA SERIES 6-GANG W/	QUAD OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-(2) RFBADP20TR-RFBADEC (1)(2)

POKE-THRU FLOOR BOX SCHEDULE

SYMBOL	MODEL	DESCRIPTION	MODEL # (3)
Z	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET	#4ATCP2RXX WITH #4B BLANK DEVICE PLATE (3)
T	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH QUAD OUTLET	#4ATCP4RXX (3)
X	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET AND LOW VOLTAGE OUTLET	#4ATCP2RBK (3)(2)
R	EVOLUTION SERIES 6AT	6" FLOOR BOX WITH QUAD OUTLET AND LOW VOLTAGE OUTLET	#6ATCP2RXX (3)(2)
V	EVOLUTION SERIES 6AT	6" FURNITURE FEED WITH LOW VOLTAGE COMPARTMENT	#6ATCPFFXX (3)(2)

FLOOR BOX SCHEDULE NOTES

(1) COORDINATE FLOOR BOX DEPTH PRIOR TO ORDERING.
(2) COORDINATE LOW VOLTAGE REQUIREMENTS WITH LOW VOLTAGE DRAWINGS.
(3) ALL EVOLUTION SERIES POKE-THRU DEVICES SHALL BE "RECESSED" TYPE.
COORDINATE FLOOR BOX COVERS/FINISHES TO MATCH AS BEST AS POSSIBLE.



1 **SECOND FLOOR ELECTRICAL PLAN - SEGMENT C**
SCALE: 1/4" = 1'-0"

KEY NOTES

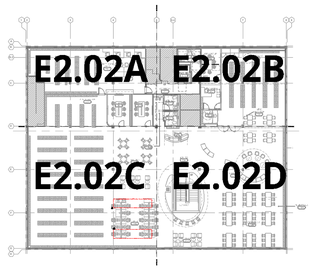
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1. PROVIDE A 4-CIRCUIT, 8-WIRE FEED TO SYSTEM FURNITURE PRE-WIRED WHIP.
2. PROVIDE WIREMOLD S-4000 STAINLESS STEEL, TWO-PIECE DUAL SYSTEM RACEWAY WITH DIVIDER. PROVIDE NEMA 5-20R DEVICES AT 36" OVER COUNTER. COORDINATE WITH LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. INTERCEPT AND EXTEND EXISTING CIRCUIT TO NEW OUTLET.
4. PROVIDE FLOOR BOX, WIREMOLD RATCHET-PRO SERIES OR EQUAL WITH BRUSHED ALUMINUM COVER PLATE, REFER TO "AT GRADE FLOOR BOX SCHEDULE" FOR DETAILS. COORDINATE EXACT LOCATION WITH STRUCTURAL ENGINEER, ARCHITECT, AND FURNITURE LAYOUT. COORDINATE TRENCH ROUTING WITH ARCHITECT AND STRUCTURAL ENGINEER. CONTRACTOR TO SUBMIT SPECIFICS ON DEVICE QUANTITY AND COVER PLATES.
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12. REFER TO SHEET E051 FOR MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CONNECTION SCHEDULE FOR FEEDER SIZE, DISCONNECT SIZE, AND ADDITIONAL INFORMATION.

KEYPLAN



REVISIONS
3 Add-01 8/15/25

CONSTRUCTION DOCUMENTS

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REGISTERED PROFESSIONAL ENGINEER
ROY T. LOPEZ
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CHECKED	Checker
DATE	07/15/2025

SECOND FLOOR ELECTRICAL PLAN SEGMENT C

E2.02C

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"AT GRADE" FLOOR BOX SCHEDULE

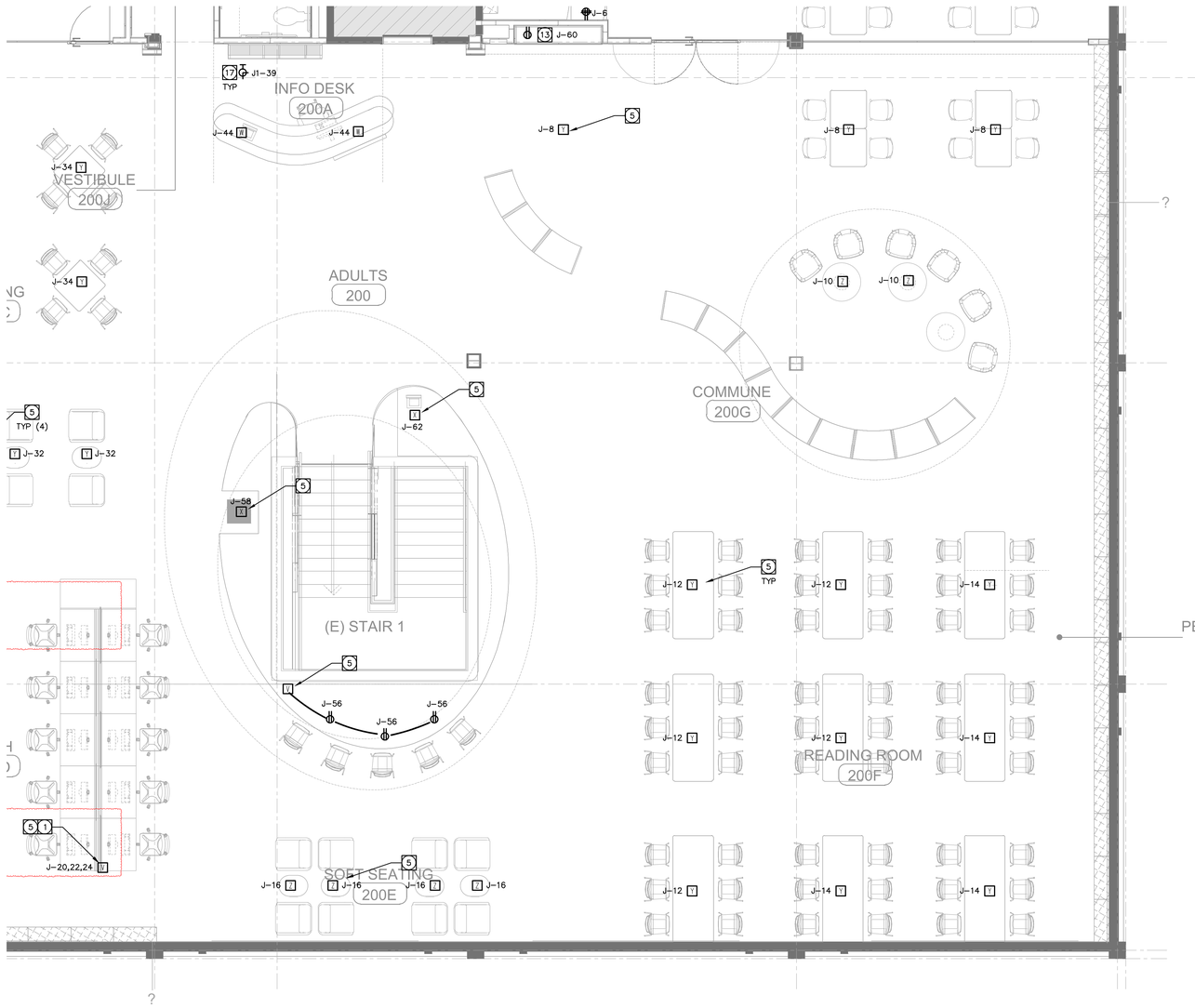
SYMBOL	MODEL	DESCRIPTION	MODEL #
A	RFBA SERIES 4-GANG W/	DUPLEX OUTLET	#RFBA4R300G-RFBADP20TR (1)
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D	RFBA SERIES 6-GANG W/	QUAD OUTLET WITH LOW VOLTAGE COMPARTMENT	#RFBA4R300G-(2) RFBADP20TR-RFBADEC (1)(2)

POKE-THRU FLOOR BOX SCHEDULE

SYMBOL	MODEL	DESCRIPTION	MODEL # (3)
Z	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET	#4ATCP2RXX WITH #4B BLANK DEVICE PLATE (3)
T	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH QUAD OUTLET	#4ATCP4RXX (3)
X	EVOLUTION SERIES 4AT	4" FLOOR BOX WITH DUPLEX OUTLET AND LOW VOLTAGE OUTLET	#4ATCP2RBK (3)(2)
U	EVOLUTION SERIES 6AT	6" FLOOR BOX WITH QUAD OUTLET AND LOW VOLTAGE OUTLET	#6ATCP2RXX (3)(2)
V	EVOLUTION SERIES 6AT	6" FURNITURE FEED WITH LOW VOLTAGE COMPARTMENT	#6ATCPFFXX (3)(2)

FLOOR BOX SCHEDULE NOTES

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(2) COORDINATE LOW VOLTAGE REQUIREMENTS WITH LOW VOLTAGE DRAWINGS.
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COORDINATE FLOOR BOX COVERS/FINISHES TO MATCH AS BEST AS POSSIBLE.



1 **SECOND FLOOR ELECTRICAL PLAN - SEGMENT D**
SCALE: 1/4" = 1'-0"

KEY NOTES

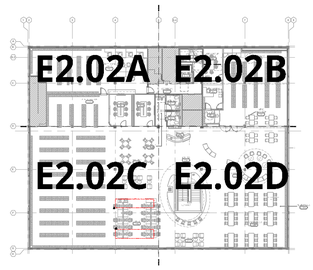
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3 Add-01 8/15/25

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REGISTERED PROFESSIONAL ENGINEER
ROY LOPEZ
No. 13442
Exp. 09/30/26
ELECTRICAL
STATE OF CALIFORNIA

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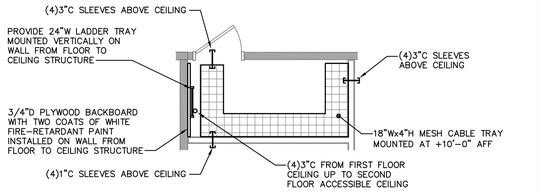
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DATE	07/15/2025

SECOND FLOOR ELECTRICAL PLAN SEGMENT D

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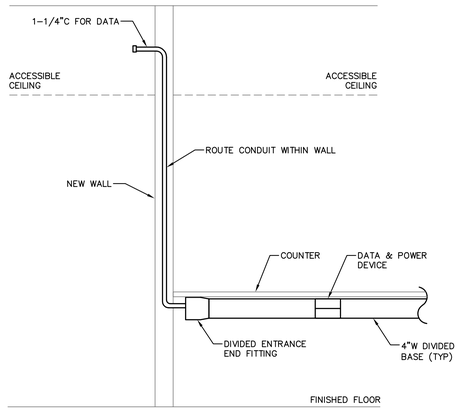
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Last plotted by chris.roberts Layout1 \\corp.salasobrien.com\gbl\Projects\2023-03451-00 - HPLibrary\03-BIM-CAD\Electrical\2023-03451_E202D_SECOND FLR PWR.dwg 08/12/2025 15:36



ENLARGED STORAGE ROOM PLAN

SCALE 1/4"=1'-0" | 3



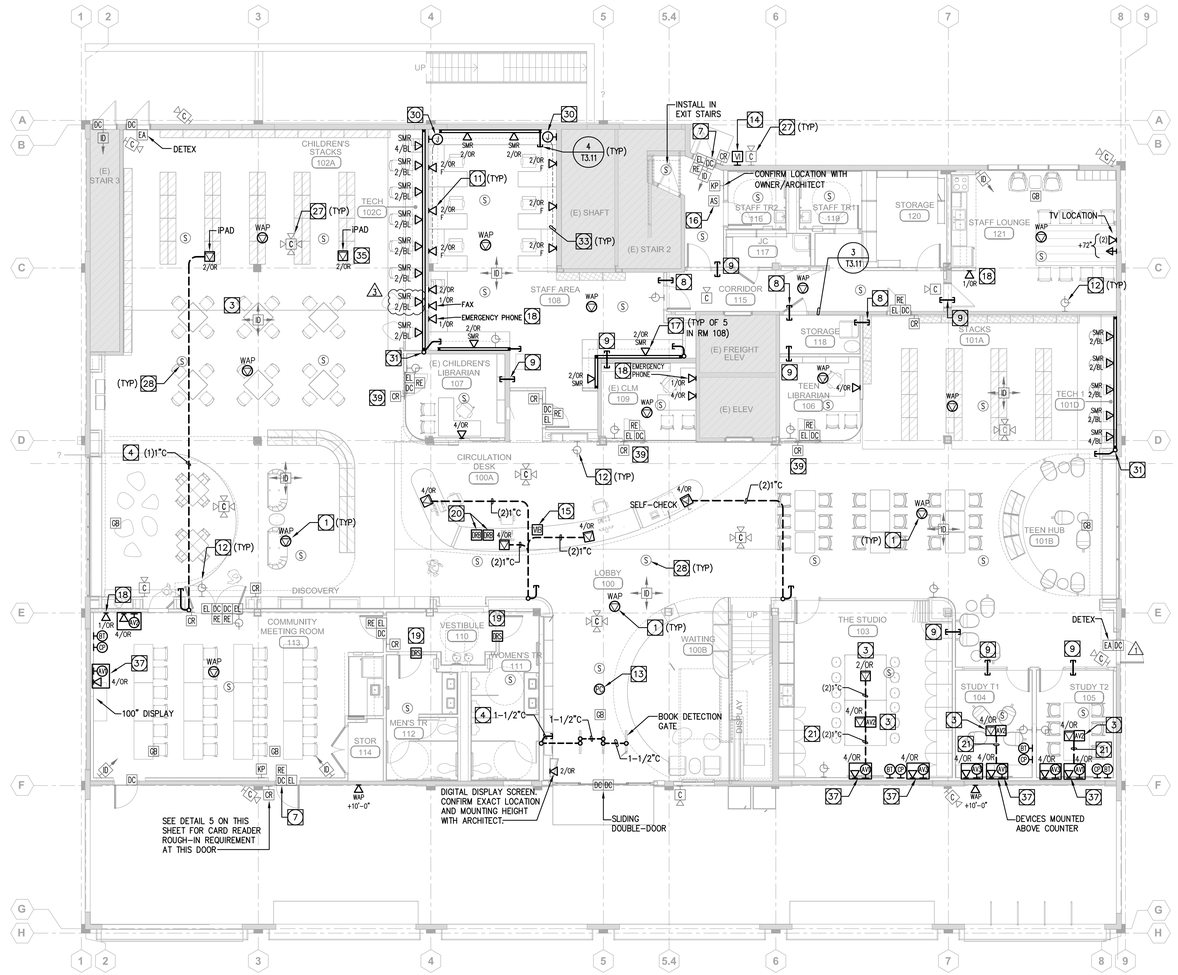
NOTE:
MOUNT SURFACE METAL RACEWAYS (SMRs) BELOW AND TIGHT TO UNDERSIDE OF COUNTER.

SURFACE METAL RACEWAY DETAIL (BACK-OF-HOUSE ONLY)

SCALE NONE | 4

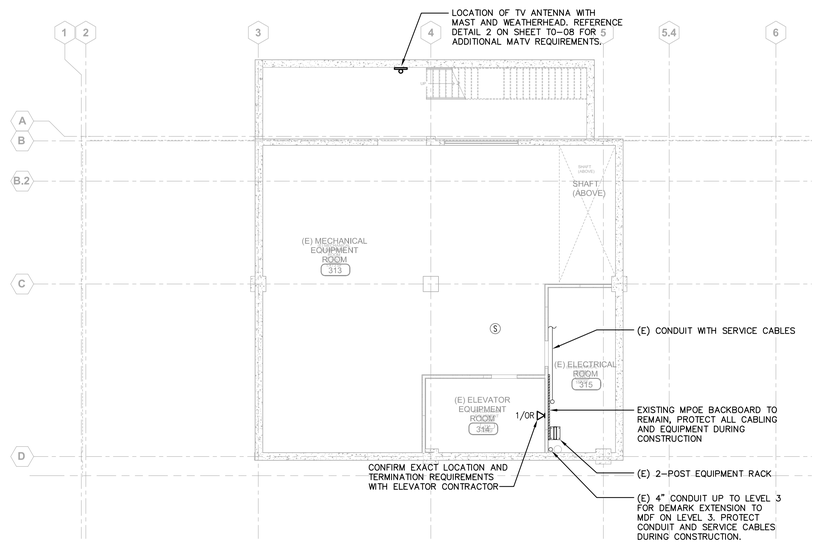
PAGING ZONES (EACH ZONE ON SEPARATE FEEDER CSBLE TERMINATING IN THE MCR)
ZONE 1 – COMMUNITY MEETING ROOM
ZONE 2 – STUDY ROOMS
ZONE 3 – FIRST FLOOR PUBLIC AREAS / PUBLIC RESTROOMS / ELEVATOR / EXIT STAIRS
ZONE 4 – FIRST FLOOR STAFF WORK AREAS / LIBRARIAN OFFICES / STAFF LOUNGE / STAFF RESTROOMS
ZONE 5 – SECOND FLOOR PUBLIC AREAS / PUBLIC RESTROOMS
ZONE 6 – SECOND FLOOR STAFF WORK AREAS / LIBRARIAN OFFICES / STAFF RESTROOMS
ZONE 7 – THIRD FLOOR

NOTE:
SYSTEMS LISTED BELOW ARE OWNER-FURNISHED OWNER-INSTALLED (OFOI). THE SYSTEM DEVICES ARE SHOWN IN LIGHT LINE TYPE.
– INTRUSION DETECTION AND ALARM SYSTEM
– ACCESS CONTROL SYSTEM
– PUBLIC ADDRESS SYSTEM
– SYNCHRONIZED CLOCK SYSTEM
– CCTV SYSTEM



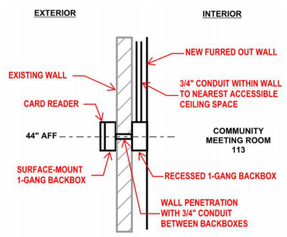
TECHNOLOGY LEVEL 1 PLAN

SCALE 1/8"=1'-0" | 2



TECHNOLOGY BASEMENT PLAN

SCALE 1/8"=1'-0" | 1



ROUGH-IN FOR CARD READER AT DOOR 113C

SCALE NONE | 5

SHEET NOTES

1. REFERENCE SHEET T0.01 FOR SYMBOL DEFINITIONS, REFERENCES, ABBREVIATIONS AND DRAWING INDEX.
2. REFERENCE SHEET T0.02 FOR GENERAL NOTES AND SPECIFICATIONS.
3. ALL EXPOSED LOW VOLTAGE CONDUITS SHALL BE PAINTED TO MATCH SURROUNDING FINISHES. COORDINATE WORK WITH ARCHITECT/DISTRICT.
4. PROVIDE CONDUITS WITH PULL TAPE/LINE WITH FIVE (5) FEET OF ADDITIONAL PULL TAPE COILED AT EACH END.
5. CONDUIT BEND RADII SHALL BE A MINIMUM OF SIX (6) TIMES THE INTERNAL DIAMETER FOR CONDUITS 2" AND UNDER AND TEN (10) TIMES THE INTERNAL DIAMETER FOR CONDUITS GREATER THAN 2".
6. CONDUITS AND SLEEVES PROTRUDING THROUGH FLOOR SHALL TERMINATE MINIMUM 4" ABOVE FINISHED FLOOR. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
7. ALL CONDUIT PENETRATIONS INTO THE BUILDING SHALL BE SEALED WITH MECHANICAL SEALS OR PLUGS TO PREVENT THE INFILTRATION OF GAS AND/OR WATER.
8. PROVIDE LABEL AND IDENTIFICATION FOR EACH CONDUIT AND PULL BOX PER OWNER STANDARDS. CONDUITS SHALL BE TAGGED WITH ROOM/SPACE/LOCATION AT BOTH ENDS AND LENGTH OF CONDUIT RUN.
9. PENETRATIONS THROUGH FIRE-RATED WALLS SHALL BE PROTECTED WITH AN APPROVED FIRE STOP SYSTEM EQUAL TO OR GREATER THAN THE RATING OF THE WALL BEING PENETRATED.
10. ALL DEVICES MOUNTED BACK-TO-BACK ON COMMON WALLS SHALL BE INSTALLED IN SEPARATE BOXES AND OFFSET 24" MINIMUM OR PROVIDED WITH PUTTY OR ANOTHER APPROVED SOUND PROOF BACKING.
11. WHEN EXPOSED CEILING OR OPEN GRID CONDITIONS EXIST, CONTRACTOR SHALL INSTALL LOW VOLTAGE CABLES IN CONDUIT SUPPORTED INDEPENDENTLY FROM STRUCTURE ABOVE. EXPOSED CABLING IN OPEN TYPE CEILING APPLICATIONS INSTALLED ON D-RINGS, J-HOOKS OR SIMILAR APPARATUS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY ARCHITECT/ENGINEER PRIOR TO BEGINNING WORK. CONTRACTOR SHALL INCLUDE AN ALLOWANCE IN HIS BASE BID FOR THE INSTALLATION OF LOW VOLTAGE CABLES IN OPEN CEILINGS AS DESCRIBED.
12. EXPOSED CABLES/CONDUCTORS INSTALLED IN A PLENUM SPACE SHALL BE LISTED FOR SUCH ENVIRONMENT AND INSTALLATION SHALL CONFORM TO NEC, OR CEC WHERE ADOPTED, ARTICLE 300.22(C).

KEYNOTES

1. WIRELESS ACCESS POINT DEVICE. PROVIDE (2) CAT 6 PLENUM-RATED CABLES, BLUE JACKET. TERMINATE CABLES WITH CAT 6 RJ-45 ORANGE JACKS ON BOTH ENDS. CONFIRM EXACT LOCATION WITH OWNER/ARCHITECT.
2. INSTALLED DEVICE IN WIREMOLD V4000 DIVIDED SURFACE METAL RACEWAY. COORDINATE INSTALLATION WITH POWER RECEPTACLE.
3. DATA OUTLET INSTALLED IN MULTI-SERVICE RECESSED FLOOR BOX.
4. ROUTE CONDUIT UNDERGROUND AND UP THROUGH WALL CAVITY.
5. PROVIDE 4-GANG 4" STI EZ-PATH SLEEVES.
6. INSTALL JUNCTION BOX WITHIN CASEWORK. COORDINATE EXACT LOCATION WITH CASEWORK INSTALLER/MANUFACTURER.
7. PROVIDE SEPARATE DEDICATED MAGNETIC DOOR CONTACT FOR EACH ACCESS CONTROL SYSTEM AND INTRUSION DETECTION AND ALARM SYSTEM. THE ACCESS CONTROL DOOR CONTACTS SHALL CONNECT TO ACCESS CONTROLLER TO RESET DOOR LOCKING DEVICE AT THE DOOR WHEN OPENED.
8. PROVIDE WALL PENETRATIONS WITH (4) 3"C SLEEVES ABOVE CEILING.
9. PROVIDE WALL PENETRATIONS WITH (4) 1"C SLEEVES ABOVE CEILING.
10. PEOPLE COUNTER SENSOR. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
11. MODULAR FURNITURE DEVICE. INSTALL DEVICE IN MODULAR FURNITURE CHANNEL.
12. SYNCHRONIZED WIRED ANALOG CLOCK. PROVIDE (1) CAT 6 PLENUM-RATED CABLE FROM DEVICE TO MAIN COMPUTER ROOM (MCR). TERMINATE CABLE WITH CAT 6 ORANGE RJ-45 JACK. PROVIDE CAT 6 RJ-45 SPLITTER TO DAISY-CHAIN CLOCKS FROM FIRST CLOCK UP TO LAST CLOCK AND TO MASTER CLOCK CONTROLLER LOCATED IN MCR.
13. PEOPLE COUNTING SENSOR MOUNTED TO CEILING. PROVIDE (2) CAT 6 PLENUM-RATED CABLES WITH BLUE OUTER JACKETS. TERMINATE CABLES WITH CAT 6 ORANGE RJ-45 JACKS ON BOTH ENDS (SENSOR AND PATCH PANEL IN MCR). CONFIRM EXACT LOCATION WITH OWNER.
14. VIDEO INTERCOM STATION WITH DOOR RELEASE RELAY. PROVIDE CAT 6 PLENUM RATED CABLE TO BASE STATION AT CIRCULATION DESK. CONFIRM EXACT LOCATION WITH OWNER/ARCHITECT.
15. VIDEO INTERCOM BASE STATION. ALL VIDEO INTERCOM STATIONS SHALL CONNECT TO BASE STATION. CONFIRM EXACT LOCATION WITH OWNER/ARCHITECT.
16. INSTALL CEILING-MOUNTED INTRUSION ALARM SIREN AT LOCATION INDICATED. CONFIRM REQUIREMENTS IN OTHER AREAS WITH OWNER/ARCHITECT.
17. DEVICE ABOVE COUNTER. COORDINATE INSTALLATION WITH POWER.
18. INSTALL DEVICE AT +44" AFF FOR WALL-MOUNTED PHONE. PROVIDE PANDUIT FACEPLATE PART #KWP6Y.
19. DOOR RELEASE SWITCH. PROVIDE 3/4" CONDUIT FROM ELECTRIFIED DOOR STRIKE TO MAIN COMPUTER ROOM OR NEAREST ACCESSIBLE CEILING SPACE.
20. DOOR RELEASE BUTTON SHALL CONTROL RESTROOM DOORS. PROVIDE 2-GANG BOX WITH 3/4" CONDUIT TO MAIN COMPUTER ROOM OR NEAREST ACCESSIBLE CEILING SPACE. CONFIRM LOCATION WITH OWNER/ARCHITECT.
21. PROVIDE (2)1"C FOR DATA AND AV. STUB 1"C INTO AV DEVICE BACKBOX BEHIND DISPLAY AND 1"C INTO ACCESSIBLE CEILING SPACE.
22. 18"Wx4"H MESH CABLE TRAY MOUNTED ABOVE CEILING SUPPORTED FROM STRUCTURE FOR CABLING DISTRIBUTION.
23. PROVIDE (2) CAT 6 PLENUM-RATED CABLES FROM DEVICE TO MAIN COMPUTER ROOM (MCR). TERMINATE CABLES WITH BLUE RJ-45 JACKS IN SURFACE MOUNT BOX. TERMINATE CABLES ON RACK-MOUNTED PATCH PANELS IN MCR.
24. POKE-THRU DEVICE WITH 2" CONDUIT DOWN TO LEVEL 1. INSTALL POKE-THRU WITHIN BASE OF PRINTER CABINET WITH REMOVABLE ACCESS PANEL.
25. VERIFY EXACT LOCATION AND TERMINATION REQUIREMENTS WITH ELEVATOR CONTRACTOR.
26. ROUTE CABLING IN BUILT-IN TROUGH FOR CABLE MANAGEMENT.
27. IP CAMERA LOCATION. PROVIDE (1) CAT 6 PLENUM-RATED CABLE TO MAIN COMPUTER ROOM. TERMINATE CABLE WITH ORANGE RJ-45 JACK AT DEVICE END. TERMINATE CABLE ON RACK-MOUNTED PATCH PANEL IN MCR.
28. OVERHEAD PAGING SPEAKER. PROVIDE 3/4" CONDUIT TO MAIN COMPUTER ROOM, NEAREST ACCESSIBLE CEILING SPACE OR ADJACENT SPEAKER IN SAME PAGING ZONE.
29. PROVIDE (4) 4" CONDUITS WITHIN NEW WALL ROUTED FROM FIRST FLOOR ACCESSIBLE CEILING SPACE TO CABLE TRAY FOR HORIZONTAL CABLING DISTRIBUTION.
30. CABLING WALL FEED POINT. PROVIDE 5"SQ DEEP J-BOX WITH 2-GANG RING, 2-GANG FACEPLATE WITH 1" RUBBER GROMMET. PROVIDE 1-1/4" CONDUIT WITHIN WALL AND STUB ABOVE LADDER TRAYS IN MCR.
31. PROVIDE WIREMOLD ENTRANCE END FITTING WITH 1-1/4"C TO ACCESSIBLE CEILING. SEE DETAIL 4 ON THIS SHEET FOR REQUIREMENTS.
32. INSTALL DEVICE IN SURFACE MOUNT INTERFACE BOX.
33. ROUTE CABLING IN MODULAR FURNITURE CHANNEL.
34. (1) NEW 4" AND (3) EXISTING 4" CONDUIT SLEEVES FROM MCR ON LEVEL 3 STUBBED DOWN TO ACCESSIBLE CEILING SPACE ON LEVEL 2.
35. INSTALL DEVICE(S) IN MULTI-SERVICE RECESSED POKE-THRU.
36. EXTEND 1"C FOR AV FROM FLOOR BOX TO JUNCTION BOX AND 1"C FOR DATA FROM FLOOR BOX TO NEAREST ACCESSIBLE CEILING SPACE.
37. INSTALL AV DEVICES, CABLING AND EQUIPMENT PER REQUIREMENTS ON SHEETS T0.09 & T0.10.
38. ROUTE CABLING IN ACCESSIBLE CEILING SPACE ON FLOOR BELOW.
39. INSTALL CARD READER IN MULLION. PROVIDE 3/4"C TO CEILING.

REVISIONS
3 Add-01 8/15/25

CONSTRUCTION DOCUMENTS

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TECHNOLOGY BASEMENT AND LEVEL 1 PLANS

T3.11

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