COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE: BRC-2

October 2, 2025

NOTICE TO BIDDERS "F"

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

This Notice to Bidders "F" provides information, clarifies certain portions of the Project Manual, 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 01 57 00, Best Management Practices, to the Project Manual (Attachment 2).

3. Refer to Section 08 71 00, Hardware. **Delete** and **replace** with the attached new Hardware Section (Attachment 3).

4. Refer to Section 09 84 33, Wood Fiber Acoustical Units. **Delete** and **replace** with the attached new Wood Fiber Acoustical Units Section (Attachment 4).

5. **Add** LayAdvantage Specification Sheet to the Project Manual issued for the electric tankless water heater (Attachment 5).

6. **Add** the existing Fire Alarm information to the Project Manual (Attachment 6).

PLANS

1. Refer to Sheet G0.00, Cover Sheet. **Delete** in its entirety and **replace** with the new attached Sheet (Attachment 7). Note, there is no fire alarm scope currently in this project.

2. Refer to Sheet A3.12, Second Floor Improvement Plan. **Delete** in its entirety and **replace** with the new Sheet (Attachment 8). Note, loose furniture is deleted.

3. Refer to Sheet A3.13, First Floor Dimension and Signage Plan – Area A. **Delete** in its entirety and **replace** with the new Sheet (Attachment 9). Note, the detail markers and shelving tags have been added, and the Signage Legend has been revised. Also, General Notes have been added.

4. Refer to Sheet A3.14, First Floor Dimension and Signage Plan – Area B. **Delete** in its entirety and **replace** with the new Sheet (Attachment 10). Note, shelving tags have been added, and the Signage Legend has been revised.

5. Refer to Sheet A3.15, Second Floor Dimension and Signage Plan – Area A. **Delete** in its entirety and **replace** with the new Sheet (Attachment 11). Note, the detail markers have been added, and the Signage legend has been revised.

6. Refer to Sheet A3.16, Second Floor Dimension and Signage Plan – Area A. **Delete** in its entirety and **replace** with the new Sheet (Attachment 12). Note, Signage Legend has been revised.

7. Refer to Sheet A3.17, Second Floor Dimension and Signage Plan – Area B. **Delete** in its entirety and **replace** with the new Sheet (Attachment 13). Note, Signage Legend has been revised.

8. Refer to Sheet A3.20, Room Finished Schedule. **Delete** in its entirety and **replace** with the new sheet (Attachment 14). Note, the schedules have been revised.

9. Refer to Sheet A3.31, First Floor Furniture Plans. **Delete** in its entirety and **replace** with the new First Floor Furniture Plans (Attachment 15). Note, the Furniture tags, storage room shelving, and sheet notes have been revised. Also, added notes, dims, and tags to Mobile Shelving.

10. Refer to Sheet A3.32, Second Floor Furniture Plans. **Delete** in its entirety and **replace** with the attached new plan (Attachment 16). Note, the notes, dims and tags to Mobile Shelving have been added.

11. Refer to Sheet A3.33, Furniture Schedule. **Delete** in its entirety and **replace** with the new sheet (Attachment 17). Note, the revised Schedules.

12. Refer to Sheet A3.41, First Floor RCP. **Delete** in its entirety and **replace** with the new sheet (Attachment 18). Note, the updated Ceiling Types Legend.

13. Refer to Sheet A3.42, Second Floor RCP. **Delete** in its entirety and **replace** with the new sheet (Attachment 19). Note, the updated Ceiling Types Legend.

14. Refer to Sheet A4.50, Roof Plan. **Delete** in its entirety.

15. Refer to Sheet A6.01, Stair Plans. **Delete** in its entirety and **replace** with the new Sheet (Attachment 20). Note deleted mobile shelving.

16. Refer to Sheet A6.02, Stair Sections. **Delete** in its entirety and **replace** with the new Sheet (Attachment 21). Note deleted mobile shelving.

17. Refer to Sheet A6.04, Stair Details. **Delete** in its entirety and **replace** with the new Sheet (Attachment 22). Note deleted bench details.

18. Refer to Sheet A8.00, Door Schedule. **Delete** in its entirety and **replace** with the new sheet (Attachment 23). Note revised door schedule.

19. Refer to Sheet T0.05, Access Control Details and Notes. **Delete** in its entirety and **replace** with the new sheet (Attachment 24). Note, Detail 3, Door Release Wiring Diagram, and Detail 4, Video Intercom Wiring Diagram, have been added.

20. Refer to Sheet T3.11, Technology Basement and Level 1 Plans. **Delete** in its entirety and **replace** with the new sheet (Attachment 25). Note the revised keynotes in 14,15, 19, and 20. Note keynotes 23 and 38 are "Not Used."

21. Refer to Sheet T3.12, Technology Level 2 and Level 3 Plans. **Delete** in its entirety and **replace** with the new sheet (Attachment 26). Note the revised keynotes in 14,15, 19, and 20. Note keynotes 23 and 38 are "Not Used."

22. Refer to Sheet T4.00, Play 102B, Technology Basement and Level 1 Plans. **Delete** in its entirety and **replace** with the new sheet (Attachment 27). Note the revised Rack Elevation to show Video Intercom System Central Exchange Unit Mounted in Rack 1 and the added keynote34, Video Intercom System Central Exchange Unit.

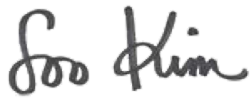
QUESTIONS AND ANSWERS

Refer to the attached file labeled "RFI Log-BRC0000615 (Notice To Bidders F)" containing questions and answers in response to the questions received from bidders (Attachment 28).

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
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

4. 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**

5. 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. If non-qualifying, check "no" in the appropriate box.

LSBE Yes ☐ No ☐

6. RECEIPT OF NOTICE TO BIDDERS:

I hereby certify and declare that I have received, reviewed and incorporated the following documents into my Bid:

- Notice to Bidders A issued August 12, 2025
- Notice to Bidders B issued August 27, 2025
- Notice to Bidders C issued September 11, 2025
- Notice to Bidders D issued September 16, 2025
- Notice to Bidders E issued October 1, 2025
- Notice to Bidders F issued October 2, 2025

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

SECTION 01 57 00

STORM WATER POLLUTION PREVENTION

PART 1 - GENERAL

1.01 **Water Pollution Control.**

1.02 **Best Management Practices (BMPs).** Apply BMPs for project that disturbs less than 1 acre of soil.

1.03 **Terms and Definitions.**

1. **Active Areas of Construction -** areas subject to land surface disturbance activities related to the Project including, but not limited to, the Project site, staging areas, immediate access areas, and storage areas. Previously active areas will be considered active areas until temporary or final soil stabilization BMPs are implemented.

2. **Accumulated Precipitation Procedure (APP) –** the methods and procedures for management and discharge of accumulated precipitation on the Project site.

3. **Best Management Practices (BMPs) -** shall be defined as specified in the permits listed in 1.05.

4. **BMP Manager** - an individual who meets the requirements of Los Angeles Regional Water Quality Control Board MS4 Permit Order No. R4-2012-0175-DWQ, Section VI. D. 8. L ii (2).

5. **BMP Manual -** the edition of the Los Angeles County Department of Public Works Construction Site Best Management Practices (BMPs) Manual in effect as of the date of advertisement of the Contract.

6. **Exposed Soil -** native soil left exposed as the result of uncovering, removal of vegetation or pavement, grading, excavation, or any other construction activity. Soil protected with temporary soil stabilization BMPs will not be considered exposed soil.

7. **Inactive Disturbed Soil Areas (DSA) –** areas that have been disturbed and have not or will not be disturbed for at least 14 Days.

8. **Non-Storm Water Discharges -** discharges that do not originate from precipitation events.

9. **Run-On -** storm water discharges that flow onto the Project site.

10. **Run-On Control BMPs -** BMPs used to divert or direct run-on either around or through the Project site.

1.04 **Abbreviations.**

Abbreviation	Word or Words
APP	Accumulated Precipitation Procedure
BMP	Best Management Practice
NPDES	National Pollutant Discharge Elimination System
RWQCB	Regional Water Quality Control Board
SWRCB	State Water Resources Control Board

1.05 **General.** This Project lies within the boundaries of the County of Los Angeles and shall conform to the following requirements:

a) Waste Discharge Requirements for Municipal Storm Water and Urban Runoff Discharges within the County of Los Angeles, and the Incorporated Cities therein, except the City of Long Beach (Order No. R4-2012-0175. NPDES Permit No. CAS004001). Within the City of Long Beach (Order No. 99-060, NPDES Permit No. CAS004003).

b) Within the unincorporated areas of the County of Los Angeles, Los Angeles County Code, Chapter 12.80.

1.06 **Best Management Practices (BMPs).**

a) General. The Contractor shall effectuate a year-round program for implementing, inspecting, and maintaining BMPs for wind erosion control, tracking control, erosion and sediment control, non-storm water control, and waste management and materials pollution control.

Best Management Practices conforming to the “Minimum Requirements" specified in Table 1.06 shall be implemented throughout the duration of the Project. The Contractor shall be responsible for the implementation, maintenance, and inspection of BMPs throughout any temporary suspension of the Work or designated construction moratorium.

The National Weather Service weather forecast shall be monitored by the Contractor on a daily basis. Whenever a rain event is predicted, the contractor shall implement all required BMPs according to the BMP Manual and these Special Provisions.

i. **BMP Manual.** Water pollution control work shall conform to the requirements in the BMP Manual. BMP Manual may be accessed at Public Works’ Contracts Opportunities, https://dpw.lacounty.gov/contracts/opportunities.aspx, under **County Sites links (scroll to the bottom of the page).**

The Contractor shall have a minimum of one readily accessible copy of the BMP Manual on the Project site at all times.

b) **BMP Manager.** The Contractor shall designate a BMP Manager who meets the requirements of Los Angeles Regional Water Quality Control Board (RWQCB) MS4 Permit Order No. R4-2012-0175-DWQ, Section VI, D. 8.I.ii (2).

MS4 Permit Order No. R4-2012-0175-DWQ, Section VI, D. 8.I.ii (2):
"Each Permittee shall ensure that its inspectors are knowledgeable in inspection procedures consistent with the State Water Board sponsored program QSD or a Qualified SWPPP Practitioner (QSP) or that a designated person on staff who has been trained in the key objectives of the QSD/QSP programs supervises inspection operations. Each Permittee may provide internal training to staff or require staff to obtain QSD/QSP certification. Each inspector must be knowledgeable of the local BMP technical standards and ESCP requirements."The BMP Manager shall have the responsibility and authority to fully implement, maintain and inspect the required BMP's in accordance with the Contract Documents and as directed by the County Project Manager. The BMP Manager shall be fully knowledgeable of the requirements in the BMP Manual.

The designated BMP Manager's name and qualifications shall be submitted in accordance with MS4 Permit Order No. R4-2012-0175-DWQ, Section VI, D. 8.I.ii (2), prior to issuance of the Construction Contract, Part 2 NTP.

c) **Minimum Requirements.** The Contractor shall implement an effective combination of erosion and sediment controls and maintain the appropriate Construction Site BMPs shown in Table 1.06. The BMPs shown in this table meet or exceed the Waste Discharge Requirements referenced in 1.05.

Table 1.06
Construction Site BMPs

ID	BMP Name	Minimum Requirement
Temporary Soil Stabilization		
SS-1	Scheduling	**X**
SS-2	Preservation of Existing Vegetation	**X**
SS-3	Hydraulic Mulch	
SS-4	Hydro seeding	
SS-5	Soil Binders	
SS-6	Straw Mulch	
SS-7	Geotextiles, Plastic Covers, & Erosion Control Blankets/Mats	**X**
SS-8	Wood Mulching	
SS-9	Earth Dikes/Drainage Swales & Ditches	
SS-10	Outlet Protection/Velocity Dissipation Devices	
SS-11	Slope Drains	
SS-12	Streambank Stabilization	
Temporary Sediment Control		
SC-1	Silt Fence	**X**
SC-2	Sediment/Desilting Basin	

SC-3	Sediment Trap	
SC-4	Check Dam	
SC-5	Fiber Rolls	**X**
SC-6	Gravel Bag Berm	**X**
SC-7	Street Sweeping and Vacuuming	**X**
SC-8	Sandbag Barrier	**X**
SC-10	Storm Drain Protection	**X**

Wind Erosion Control		
WE-1	Wind Erosion Control	**X**
Tracking Control		
TC-1	Stabilized Construction Entrance/Exit	**X**
TC-2	Stabilized Construction Roadway	
TC-3	Entrance/Outlet Tire Wash	
Non-Storm Water Management		
NS-1	Water Conservation Practices	**X**
NS-2	Dewatering Operations	**X**
NS-3	Paving and Grinding Operations	**X**
NS-4	Temporary Stream Crossing	
NS-5	Clear Water Diversion	
NS-6	Illicit Connection/Illegal Discharge Detection and Reporting	**X**
NS-7	Potable Water/Irrigation	**X**
NS-8	Vehicle Equipment Cleaning	**X**
NS-9	Vehicle Equipment Fueling	**X**
NS-10	Vehicle Equipment Maintenance	**X**
NS-11	Pile Driving Operations	
NS-12	Concrete Curing	
NS-13	Material and Equipment Use Over Water	
NS-14	Concrete Finishing	
NS-15	Structure Demolition Over or Adjacent to Water	
NS-16	Temporary Batch Plant	
Waste Management and Material Pollution Control		
WM-1	Material Delivery	**X**
WM-2	Material Use	**X**
WM-3	Stockpile Management	**X**
WM-4	Spill Prevention and Control	**X**
WM-5	Solid Waste Management	**X**
WM-6	Hazardous Waste Management	**X**
WM-7	Contaminated Soil Management	
WM-8	Concrete Waste Management	**X**
WM-9	Sanitary/Septic Waste Management	**X**
WM-10	Liquid Waste Management	**X**

Additional BMPs may be required as a result of actual field conditions, Contractor activities, or construction operations.

Year-Round Implementation Requirements. Implementation shall conform to the requirements in the BMP Manual and the following:

Temporary Soil Stabilization

ii. Active Areas of Construction shall be stabilized and temporary sediment controls implemented prior to a rain event.

Temporary Sediment Control

iii. Sediment shall not be discharged offsite or to the storm drain system or receiving waters.
iv. Stockpiles shall be removed from roadways at the end of each work day and shall be covered and bermed with perimeter sediment controls prior to every rain event and when not in use.

Wind Erosion Control

v. Wind erosion control BMPs shall be implemented in conformance with the requirements of the jurisdictional air quality regulatory agency.

Tracking Control

vi. Each entrance to, and exit from, the Project site shall be stabilized. Traffic entering/exiting the Project site shall be directed so as to only use such stabilized entrances/exits. Tracking of mud and/or sediment onto paved surfaces shall be removed by the end of each Day.

Non-Storm Water Management

vii. Accumulated precipitation shall be discharged in accordance with the Accumulated Precipitation Procedure, Section 7.2 of the BMP Manual.
viii. BMP Manual may be accessed at Public Works' Contracts Opportunities, **County Sites links,** https://dpw.lacounty.gov/contracts/opportunities.aspx
ix. Non-storm water BMPs shall be implemented to prevent un-authorized discharges.
x. Non-storm water discharges shall be in compliance with Section III of the Waste Discharge Requirements referenced in 1.05.

Waste Management and Material Pollution Control

xi. Material and waste stockpiles shall be covered prior to all rain events.
xii. Stockpiles of temporary asphalt concrete ("cold mix") shall be covered at all times.
xiii. The Contractor shall have a minimum of 3 spill response cleanup on the Project site at all times.
xiv. Spills and leaks shall be cleaned up within one hour after spillage and disposed of off the Project site.
xv. Concrete waste shall be contained in a concrete washout bin. At grade and below grade washouts are prohibited. There shall be no discharge of concrete washout or waste into the underlying soil or onto the surrounding areas. Concrete waste shall be considered as including, but not be limited to, slurry, cement, wash waters, additives, or grout.

1.07 **Accumulated Precipitation Procedure (APP).** The Contractor shall prepare an accumulated precipitation procedure (APP) for review and approval by the County Project Manager before any discharge from the Project site and as required by the County Project Manager. The APP shall describe the location of proposed discharges, the BMPs to be implemented (e.g., NS-2), and the actual equipment to be used. The APP shall be prepared and submitted in accordance with BMP NS-2 and Section 7 of the BMP Manual, https://dpw.lacounty.gov/contracts/opportunities.aspx

1.08 **BMP Inspections.** The Project site shall be inspected by the BMP Manager and documented on the LACDPW BMP checklist (contained in the BMP Manual) as follows:

a) Within 24 hours prior to a rain event.
b) Within 48 hours after a rain event (0.01 inch or more of accumulated precipitation).
c) At 24-hour intervals during extended rain events.
d) Once every week.

1.09 **Non-Storm Water Discharge Reporting.** If the Contractor identifies any non-storm water discharge(s) as identified in Section III of the Waste Discharge Requirements referenced in 1.05, or if the Project receives a written notice or order from any regulatory agency, the Contractor shall so inform the County Project Manager within 24 hours. The Contractor shall submit a written report to the County Project Manager within 5 Days of the discharge event, notice or order. The report shall include the following information:

a) The date, time, location, nature of the operation and type of discharge, including the cause or nature of the notice or order.

b) The BMPs implemented before the discharge event, or prior to receiving the notice or order.

c) The date of deployment and type of water pollution control practices deployed after the discharge event, or after receiving the notice or order, including additional measures installed or planned to reduce or prevent recurrence.

d) The Contractor shall conduct applicable water quality monitoring per the MS4 Permit Order No. R4-2012-0175-DWQ, Section VI, D. 8.I.ii (2) Section III A.4 and Table 8 of the Waste Discharge Requirements referenced in 1.05.

1.10 **Progressive Enforcement.** The Agency, as a permittee, is subject to enforcement action by the State Water Resources Control Board (SWRCB), Environmental Protection Agency, private citizens and citizen groups. The Contractor shall notify the County Manager immediately following receipt of a request from any jurisdictional regulatory agency, to enter, inspect, sample, monitor or otherwise access the Project site or the Contractor's records pertaining to water pollution control.

The Agency will assess the Contractor a penalty of $1,000 for each Day that the Contractor fails to fully-comply with the specified requirements. The penalty will be deducted from Contract progress payments due the Contractor.

The Contractor shall be responsible for the costs and liabilities imposed by law as a result of its failure to fully-comply. Costs and liabilities include, but are not limited to, fines, penalties and damages whether assessed against the Agency or the Contractor, including those levied under the Federal Clean Water Act and the State Porter Cologne Water Quality Act. In addition the Agency will deduct, from any monies due the Contractor, the total amount of any legal fees, staff costs, and consultant fees.

Payment. Payment for the implementation of BMPs, including the BMP Manager, construction, deployment, inspection, maintenance, removal, and the furnishing of all necessary labor, equipment, materials, and all other related costs shall be considered as included in the lump sum Bid price for "IMPLEMENTATION OF BMPs."

Payment will be prorated on a monthly basis over the duration of the Contract.

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SECTION 08 71 00 – DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes:

1. Mechanical and electrified door hardware for:

a. Swinging doors.
b. Sliding doors.

2. Electronic access control system components, including:

a. Electronic access control devices.

B. Exclusions: Unless specifically listed in hardware sets, hardware is not specified in this section for:

1. Windows
2. Cabinets (casework), including locks in cabinets
3. Signage
4. Toilet accessories
5. Overhead doors
6. Installation.
7. Rough hardware.
8. Conduit, junction boxes & wiring.
9. Folding partitions, except cylinders where detailed.
10. Sliding aluminum doors, except cylinders where detailed.
11. Access doors and panels, except cylinders where detailed.

C. Related Sections:

1. Division 01 Section “Alternates” for alternates affecting this section.
2. Division 07 Section “Joint Sealants” for sealant requirements applicable to threshold installation specified in this section.
3. Division 09 sections for touchup finishing or refinishing of existing openings modified by this section.
4. Division 26 sections for connections to electrical power system and for low-voltage wiring.
5. Division 28 sections for coordination with other components of electronic access control system.

1.3 REFERENCES

A. UL - Underwriters Laboratories

1. UL 10B - Fire Test of Door Assemblies

2. UL 10C - Positive Pressure Test of Fire Door Assemblies
3. UL 1784 - Air Leakage Tests of Door Assemblies
4. UL 305 - Panic Hardware

B. ANSI - American National Standards Institute

1. ANSI/BHMA A156.1 - A156.29, and ANSI/BHMA A156.31 - Standards for Hardware and Specialties

C. California Code of Regulations

1. Title 24: California Building Standards Code

1.4 SUBMITTALS

A. General:

1. Submit in accordance with Conditions of Contract and Division 01 requirements.

B. Action Submittals:

1. Product Data: Product data including manufacturers' technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
2. Riser and Wiring Diagrams: After final approval of hardware schedule, submit details of electrified door hardware, indicating:

    a. Wiring Diagrams: For power, signal, and control wiring and including:
        1) Details of interface of electrified door hardware and building safety and security systems.
        2) Schematic diagram of systems that interface with electrified door hardware.
        3) Point-to-point wiring.
        4) Risers.

3. Samples for Verification: If requested by Architect, submit production sample or sample installations of each type of exposed hardware unit in finish indicated, and tagged with full description for coordination with schedule.

    a. Samples will be returned to supplier in like-new condition. Units that are acceptable to Architect may, after final check of operations, be incorporated into Work, within limitations of key coordination requirements.

4. Door Hardware Schedule: Submit schedule with hardware sets in vertical format as illustrated by Sequence of Format for the Hardware Schedule as published by the Door and Hardware Institute. Indicate complete designations of each item required for each door or opening, include:

    a. Door Index; include door number, heading number, and Architects hardware set number.
    b. Opening Lock Function Spreadsheet: List locking device and function for each opening.
    c. Type, style, function, size, and finish of each hardware item.
    d. Name and manufacturer of each item.
    e. Fastenings and other pertinent information.
    f. Location of each hardware set cross-referenced to indications on Drawings.
    g. Explanation of all abbreviations, symbols, and codes contained in schedule.
    h. Mounting locations for hardware.

i. Door and frame sizes and materials.
j. Name and phone number for local manufacturer's representative for each product.
k. Operational Description of openings with any electrified hardware (locks, exits, electromagnetic locks, electric strikes, automatic operators, door position switches, magnetic holders or closer/holder units, and access control components). Operational description should include how door will operate on egress, ingress, and fire and smoke alarm connection.
   1) Submittal Sequence: Submit door hardware schedule concurrent with submissions of Product Data, Samples, and Shop Drawings. Coordinate submission of door hardware schedule with scheduling requirements of other work to facilitate fabrication of other work that is critical in Project construction schedule.

5. Key Schedule:

   a. Initiate and conduct meeting(s) with Owner representatives and hardware supplier to determine system keyway(s), keybow styles, structure, stamping, degree of physical security and degree of geographic exclusivity. Furnish Owner’s written approval of the system; do not order keys or cylinders without written confirmation of actual requirements from the Owner.
   b. After Keying Conference, provide keying schedule listing levels of keying as well as explanation of key system's function, key symbols used and door numbers controlled.
   c. Use ANSI/BHMA A156.28 “Recommended Practices for Keying Systems” as guideline for nomenclature, definitions, and approach for selecting optimal keying system.
   d. Provide 3 copies of keying schedule for review prepared and detailed in accordance with referenced DHI publication. Include schematic keying diagram and index each key to unique door designations.
   e. Index keying schedule by door number, keyset, hardware heading number, cross keying instructions, and special key stamping instructions.
   f. Provide one complete bitting list of key cuts and one key system schematic illustrating system usage and expansion.
      1) Forward bitting list, key cuts and key system schematic directly to Owner, by means as directed by Owner.

6. Templates: After final approval of hardware schedule, provide templates for doors, frames and other work specified to be factory prepared for door hardware installation.

C. Informational Submittals:

1. Qualification Data: For Supplier and Installer.
2. Product Certificates for electrified door hardware, signed by manufacturer:

   a. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.

3. Certificates of Compliance:

   a. Electrified Hardware Coordination Conference Certification: Letter of compliance, signed by Contractor, attesting to completion of electrified hardware coordination conference, specified in “QUALITY ASSURANCE” article, herein.

4. Warranty: Special warranty specified in this Section.

D. Closeout Submittals:

1. Operations and Maintenance Data : Provide in accordance with Division 01 and include:

a. Complete information on care, maintenance, and adjustment; data on repair and replacement parts, and information on preservation of finishes.
b. Catalog pages for each product.
c. Name, address, and phone number of local representative for each manufacturer.
d. Final approved hardware schedule, edited to reflect conditions as-installed.
e. Final keying schedule
f. As-installed wiring diagrams for each opening connected to power, both low voltage and 110 volts.
g. Copy of warranties including appropriate reference numbers for manufacturers to identify project.

1.5 QUALITY ASSURANCE

A. Product Substitutions: Comply with product requirements stated in Division 01 and as specified herein.

1. Where products indicate “acceptable manufacturers” or “acceptable manufacturers and products”, provide product from specified manufacturers, subject to compliance with specified requirements and “Single Source Responsibility” requirements stated herein.

B. Supplier Qualifications and Responsibilities: Recognized architectural hardware supplier with record of successful in-service performance for supplying door hardware similar in quantity, type, and quality to that indicated for this Project.

1. Scheduling Responsibility: Preparation of door hardware and keying schedules.
2. Engineering Responsibility: Preparation of data for electrified door hardware, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.
3. Coordination Responsibility: Coordinate installation of electronic security hardware with Architect and electrical engineers and provide installation and technical data to Architect and other related subcontractors.

a. Upon completion of electronic security hardware installation, inspect and verify that all components are working properly.

C. Installer Qualifications: Qualified tradesmen, skilled in application of commercial grade hardware with record of successful in-service performance for installing door hardware similar in quantity, type, and quality to that indicated for this Project.

D. Single Source Responsibility: Obtain each type of door hardware from single manufacturer.

1. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated.

E. Fire-Rated Door Openings: Provide door hardware for fire-rated openings that complies with NFPA 80 and requirements of authorities having jurisdiction. Provide only items of door hardware that are listed and are identical to products tested by Underwriters Laboratories, Intertek Testing Services, or other testing and inspecting organizations acceptable to authorities having jurisdiction for use on types and sizes of doors indicated, based on testing at positive pressure and according to NFPA 252 or UL 10C and in compliance with requirements of fire-rated door and door frame labels.

F. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.

1. Air Leakage Rate: Maximum air leakage of 0.3 cfm/sq. ft. (3 cu. m per minute/sq. m) at tested pressure differential of 0.3-inch wg (75 Pa) of water.

G. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by testing agency acceptable to authorities having jurisdiction.

H. Means of Egress Doors: Latches do not require more than 5 lbs (67 N) to release latch. Locks do not require use of key, tool, or special knowledge for operation.

I. Accessibility Requirements: For door hardware on doors in an accessible route, comply with governing accessibility regulations cited in “REFERENCES” article, herein.

1. Provide operating devices that do not require tight grasping, pinching, or twisting of wrist and that operate with force of not more than 5 lbs (22.2 N).
2. Maximum opening-force requirements:

a. Interior, Non-Fire-Rated Hinged Doors: 5 lbs (22.2 N) applied perpendicular to door.
b. Sliding or Folding Doors: 5 lbs (22.2 N) applied parallel to door at latch.
c. Fire Doors: The minimum opening force allowable by the appropriate administrative authority, not to exceed 15 lbs (66.7N).

3. Bevel raised thresholds with slope of not more than 1:2. Provide thresholds not more than 1/2 inch (13 mm) high.
4. Adjust closer so that the time required to move the door from the 90 degree position to 12 degrees from the latch is 5 seconds minimum.

J. Pre-installation Conference: Conduct conference at Project site to comply with requirements in Division 01.

1. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
2. Inspect and discuss preparatory work performed by other trades.
3. Inspect and discuss electrical roughing-in for electrified door hardware.
4. Review sequence of operation for each type of electrified door hardware.
5. Review required testing, inspecting, and certifying procedures.

K. Coordination Conferences:

1. Installation Coordination Conference: Prior to hardware installation, schedule and hold meeting to review questions or concerns related to proper installation and adjustment of door hardware.

a. Attendees: Door hardware supplier, door hardware installer, Contractor.
b. After meeting, provide letter of compliance to Architect, indicating when meeting was held and who was in attendance.

2. Electrified Hardware Coordination Conference: Prior to ordering electrified hardware, schedule and hold meeting to coordinate door hardware with security, electrical, doors and frames, and other related suppliers.

a. Attendees: electrified door hardware supplier, doors and frames supplier, electrified door hardware installer, electrical subcontractor, Owner, Owner’s security consultant, Architect and Contractor.
b. After meeting, provide letter of compliance to Architect, indicating when coordination conference was held and who was in attendance.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up for hardware delivered to Project site.

B. Tag each item or package separately with identification coordinated with final door hardware schedule, and include installation instructions, templates, and necessary fasteners with each item or package.

1. Deliver each article of hardware in manufacturer's original packaging.

C. Project Conditions:

1. Maintain manufacturer-recommended environmental conditions throughout storage and installation periods.
2. Provide secure lock-up for door hardware delivered to Project, but not yet installed. Control handling and installation of hardware items so that completion of Work will not be delayed by hardware losses both before and after installation.

D. Protection and Damage:

1. Promptly replace products damaged during shipping.
2. Handle hardware in manner to avoid damage, marring, or scratching. Correct, replace or repair products damaged during Work.
3. Protect products against malfunction due to paint, solvent, cleanser, or any chemical agent.

E. Deliver keys and permanent cores to Owner by registered mail or overnight package service.

1.7 COORDINATION

A. Coordinate layout and installation of floor-recessed door hardware with floor construction. Cast anchoring inserts into concrete. Concrete, reinforcement, and formwork requirements are specified in Division 03.

B. Installation Templates: Distribute for doors, frames, and other work specified to be factory prepared. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.

C. Security: Coordinate installation of door hardware, keying, and access control with Owner's security consultant.

D. Electrical System Roughing-In: Coordinate layout and installation of electrified door hardware with connections to power supplies and building safety and security systems.

E. Existing Openings:

1. Prior to submittal, carefully inspect existing conditions to verify finish hardware required to complete Work, including sizes, quantities, existing hardware scheduled for re-use, and sill condition material. If conflict between the specified/scheduled hardware and existing conditions, submit request for direction from Architect. Include date of jobsite visit in the submittal.
2. Submittals prepared without thorough jobsite visit by qualified hardware expert will be rejected as non-compliant.

F. Direct shipments not permitted, unless approved by Contractor.

1.8 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.

1. Warranty Period: Years from date of Substantial Completion, for durations indicated.

a. Closers:
   1) Mechanical: 30 years.

b. Exit Devices:
   1) Mechanical: 10 years.
   2) Electrified: 3 years.

c. Locksets:
   1) Mechanical: 10 years.
   2) Electrified: 3 years.

d. Electric Strikes:
   1) Mechanical components: 5 years.
   2) Electromechanical components: 3 years.

e. Continuous Hinges: Lifetime warranty.
f. Key Blanks: Lifetime

2. Warranty does not cover damage or faulty operation due to improper installation, improper use or abuse.

1.9 MAINTENANCE

A. Maintenance Tools:

1. Furnish complete set of special tools required for maintenance and adjustment of hardware, including changing of cylinders.

1.10 REGULATORY REQUIREMENTS:

A. Locate latching hardware between 34 inches to 44 inches above the finished floor, per-2022 California Building Code, Section 11B-404.2.7.

1. Panic hardware: locate between 36 inches to 44 inches above the finished floor.

B. Handles, pull, latches, locks, other operable parts:

1. Readily openable from egress side with one hand and without tight grasping, tight pinching, or twisting of the wrist to operate. 2022 California Building Code Section 11B-309.4.
2. Force required to activate the operable parts: 5.0 pounds maximum, per 2022 California Building Code Section 11B-309.4.

C. Adjust doors to open with not more than 5.0-pounds pressure to open at exterior doors and 5.0-pounds at interior doors. As allowed per 2022 California Building Code Section 11B-404.2.9, local authority may increase the allowable pressure for fire doors to achieve positive latching, but not to exceed 15-pounds.

1. Exception: exterior doors' pressure-to-open may be increased to 8.5-pounds if: at a single location, and one of a bank of eight leafs or fraction of eight, and one leaf of this bank is fitted with a low- or high-energy operator.

D. Low-energy powered doors: comply with ANSI/BHMA A156.19. Reference: 2022 California Building Code Section 11B-404.2.9, Exception 2.

1. Where powered door serves an occupancy of 150 or more, provide back-up battery power or stand-by generator power, capable of supporting a minimum of 100 cycles.

2. Actuators, vertical bar type: minimum 2-inches wide, 30-inches high, bottom located minimum 5-inches above floor or ground, top located minimum 35-inches above floor or ground. Displays International Symbol of Accessibility, per 2022 California Building Code Section 11B-703.7.
3. Actuators, plate type: use two at each side of the opening. Minimum 4-inches diameter or 4-inches square. Displays International Symbol of Accessibility, per 2022 California Building Code Section 11B-703.7. Locate centerline of lower plate between 7- and 8-inches above floor or ground, and upper plate between 30- and 44-inches above floor or ground.
4. Actuator location: conspicuously located, clear and level floor/ground space for forward or parallel approach.

E. Adjust door closer sweep periods so that from an open position of 90 degrees, the door will take at least 5 seconds to move to a point 12 degrees from the latch, measured to the landing side of the door, per 2022 California Building Code Section 11B-404.2.8.

1. Spring hinges: adjust for 1.5 seconds minimum for 70 degrees to fully-closed.

F. Smooth surfaces at bottom 10 inches of push sides of doors, facilitating push-open with wheelchair footrests, per 2022 California Building Code Section 11B-404.2.10.

1. Applied kickplates and armor plates: bevel the left and right edges; free of sharp or abrasive edges.
2. Tempered glass doors without stiles: bottom rail may be less than 10 inches if top leading edge is tapered 60 degrees minimum.

G. Door opening clear width no less than 32 inches, measured from face of frame stop, or edge of inactive leaf of pair of doors, to door face with door opened to 90 degrees. Hardware projection not a factor in clear width if located above 30 inches and below 80 inches, and the hardware projects no more than 4 inches. 2022 California Building Code Section 11B-404.2.3.

1. Exception: In alterations, a projection of 5/8 inch (15.9 mm) maximum into the required clear width shall be permitted for the latch side stop.
2. Door closers and overhead stops: not less than 78 inches above the finished floor or ground, per 2022 California Building Code 11B-307.4.

H. Thresholds: floor or landing no more than 0.50 inches below the top of the threshold of the doorway, per 2022 California Building Code Section 11B-404.2.5. Vertical rise no more than 0.25 inches, change in level between 0.25 inches and 0.50 inches: beveled to slope no greater than 1:2 (50 percent slope). 2022 California Building Code Section 11B-303.2 & ~.3.

I. Floor stops: Do not locate in path of travel. Locate no more than 4 inches from walls, per DSA Policy #99-08 (Access).

J. Pairs of doors with independently-activated hardware both leafs: limit swing of right-hand or right-hand-reverse leaf to 90 degrees to protect persons reading wall-mounted tactile signage, per 2022 California Building Code Section 11B-703.4.2.

K. Door and door hardware encroachment: Doors, when fully open, shall not reduce the required width by more than 7 inches. Doors in any position shall not reduce the required width by more than one-half. 2022 California Building Code, Section 1005.7.1.

1. In I-2 occupancies, surface mounted latch release hardware is not permitted to project in the required egress width, regardless of its mounting height, per 2022 California Building Code, Section 1005.7.1 at Exception 1.

L. In groups I-2 or I-2.1 occupancies, doors serving as a means of egress where used for the movement of beds and stretcher patients shall provide a minimum clear opening width of 44 inches. At pair openings that includes two door leaves without a mullion, one leaf shall

provide a minimum clear opening width of 44 inches. 2022 California Building Code, Section 1010.1.1.

M. In group I-2 or I-2.1 occupancies, there shall be no projections into the clear width of doors used for the movement of beds and stretcher patients in the means of egress. 2022 California Building Code, Section 1010.1.1.1 at Exception 2.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Approval of manufacturers and/or products other than those listed as “Scheduled Manufacturer” or “Acceptable Manufacturer” in the individual article for the product category shall be in accordance with QUALITY ASSURANCE article, herein.

B. Approval of products from manufacturers indicated in “Acceptable Manufacturers” is contingent upon those products providing all functions and features and meeting all requirements of scheduled manufacturer’s product.

C. Hand of Door: Drawings show direction of slide, swing, or hand of each door leaf. Furnish each item of hardware for proper installation and operation of door movement as shown.

D. Where specified hardware is not adaptable to finished shape or size of members requiring hardware, furnish suitable types having same operation and quality as type specified, subject to Architect's approval.

2.2 MATERIALS

A. Fasteners

1. Provide hardware manufactured to conform to published templates, generally prepared for machine screw installation.
2. Furnish screws for installation with each hardware item. Finish exposed (exposed under any condition) screws to match hardware finish, or, if exposed in surfaces of other work, to match finish of this other work including prepared for paint surfaces to receive painted finish.
3. Provide concealed fasteners for hardware units exposed when door is closed except when no standard units of type specified are available with concealed fasteners. Do not use thru-bolts for installation where bolt head or nut on opposite face is exposed in other work unless thru-bolts are required to fasten hardware securely. Review door specification and advise Architect if thru-bolts are required.
4. Install hardware with fasteners provided by hardware manufacturer.

B. Modification and Preparation of Existing Doors: Where existing door hardware is indicated to be removed and reinstalled.

1. Provide necessary fillers, Dutchmen, reinforcements, and fasteners, compatible with existing materials, as required for mounting new opening hardware and to cover existing door and frame preparations.
2. Use materials which match materials of adjacent modified areas.
3. When modifying existing fire-rated openings, provide materials permitted by NFPA 80 as required to maintain fire-rating.

C. Provide screws, bolts, expansion shields, drop plates and other devices necessary for hardware installation.

1. Where fasteners are exposed to view: Finish to match adjacent door hardware material.

D. Cable and Connectors: Hardwired Electronic Access Control Lockset and Exit Device Trim:

1. Data: 24AWG, 4 conductor shielded, Belden 9843, 9841 or comparable.
2. DC Power: 18 AWG, 2 conductor, Belden 8760 or comparable.
3. Provide type of data and DC power cabling required by access control device manufacturer for this installation.

2.3 HINGES

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: Ives 5BB series

B. Requirements:

1. Provide five-knuckle ball bearing hinges conforming to ANSI/BHMA A156.1.
2. 1-3/4 inch (44 mm) thick doors, up to and including 36 inches (914 mm) wide:

   a. Exterior: Standard weight, bronze or stainless steel, 4-1/2 inches (114 mm) high
   b. Interior: Standard weight, steel, 4-1/2 inches (114 mm) high

3. 1-3/4 inch (44 mm) thick doors over 36 inches (914 mm) wide:

   a. Exterior: Heavy weight, bronze/stainless steel, 5 inches (127 mm) high
   b. Interior: Heavy weight, steel, 5 inches (127 mm) high

4. 2 inches or thicker doors:

   a. Exterior: Heavy weight, bronze or stainless steel, 5 inches (127 mm) high
   b. Interior: Heavy weight, steel, 5 inches (127 mm) high

5. Provide three hinges per door leaf for doors 90 inches (2286 mm) or less in height, and one additional hinge for each 30 inches (762 mm) of additional door height.
6. Where new hinges are specified for existing doors or existing frames, provide new hinges of identical size to hinge preparation present in existing door or existing frame.
7. Hinge Pins: Except as otherwise indicated, provide hinge pins as follows:

   a. Steel Hinges: Steel pins
   b. Non-Ferrous Hinges: Stainless steel pins
   c. Out-Swinging Exterior Doors: Non-removable pins
   d. Out-Swinging Interior Lockable Doors: Non-removable pins
   e. Interior Non-lockable Doors: Non-rising pins

8. Width of hinges: 4-1/2 inches (114 mm) at 1-3/4 inch (44 mm) thick doors, and 5 inches (127 mm) at 2 inches (51 mm) or thicker doors. Adjust hinge width as required for door, frame, and wall conditions to allow proper degree of opening.
9. Doors 36 inches (914 mm) wide or less furnish hinges 4-1/2 inches (114 mm) high; doors greater than 36 inches (914 mm) wide furnish hinges 5 inches (127 mm) high, heavy weight or standard weight as specified.
10. Provide hinges with electrified options as scheduled in the hardware sets. Provide with sufficient number and wire gage to accommodate electric function of specified hardware. Locate electric hinge at second hinge from bottom or nearest to electrified locking component.
11. Provide mortar guard for each electrified hinge specified.
12. Provide spring hinges where specified. Provide two spring hinges and one bearing hinge per door leaf for doors 90 inches (2286 mm) or less in height. Provide one additional bearing hinge for each 30 inches (762 mm) of additional door height.

2.4 ELECTRIC POWER TRANSFER

A. Manufacturers:

a. Scheduled Manufacturer: Von Duprin EPT-10

B. Provide power transfer with electrified options as scheduled in the hardware sets. Provide with number and gage of wires sufficient to accommodate electric function of specified hardware.

C. Locate electric power transfer per manufacturer's template and UL requirements, unless interference with operation of door or other hardware items.

2.5 PIVOT SETS

A. Manufacturers:

1. Scheduled Manufacturer: Ives

B. Requirements:

1. Provide pivot sets complete with oil-impregnated top pivot, unless indicated otherwise.
2. Where offset pivots are specified, Provide one intermediate pivot for doors less than 91 inches (2311 mm) high and one additional intermediate pivot per leaf for each additional 30 inches (762 mm) in height or fraction thereof. Intermediate pivots spaced equally not less than 25 inches (635 mm) or not more than 35 inches (889 mm) on center, for doors over 121 inches (3073 mm) high.
3. Provide appropriate model where pivot sets are scheduled at fire rated openings.
4. Provide lead-lined model where pivot sets are specified at lead-lined doors.
5. Provide pivots with electrified options as scheduled in the hardware sets. Provide with sufficient number and wire gage to accommodate electric function of specified hardware. Locate electrified pivot nearest to electrified locking component. If manufacturer of electrified locking component requires another device for power transfer then provide recommended power transfer device and appropriate quantity of pivots.
6. Provide mortar guard for each electric pivot specified, unless specified in hollow metal frame specification.

2.6 FLUSH BOLTS

A. Manufacturers:

1. Scheduled Manufacturer: Ives

B. Requirements:

1. Provide automatic, constant latching, and manual flush bolts with forged bronze or stainless steel face plates, extruded brass levers, and with wrought brass guides and strikes. Provide 12 inch (305 mm) steel or brass rods at doors up to 90 inches (2286 mm) in height. For doors over 90 inches (2286 mm) in height increase top rods by 6 inches (152 mm) for each additional 6 inches (152 mm) of door height. Provide dust-proof strikes at each bottom flush bolt.

2.7 COORDINATORS

A. Manufacturers:

1. Scheduled Manufacturer: Ives

B. Requirements:

1. Where pairs of doors are equipped with automatic flush bolts, an astragal, or other hardware that requires synchronized closing of the doors, provide bar-type coordinating device, surface applied to underside of stop at frame head.
2. Provide filler bar of correct length for unit to span entire width of opening, and appropriate brackets for parallel arm door closers and surface vertical rod exit device strikes. Factory-prep coordinators for vertical rod devices if required.

2.8 CYLINDRICAL LOCKS – GRADE 1

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: Schlage ND Series

B. Requirements:

1. Provide cylindrical locks conforming to the following standards and requirements:

   a. ANSI/BHMA A156.2 Series 4000, Grade 1.
   b. UL 10C for 4’-0” x 10’-0” 3-hour fire door.

2. Indicators: Where specified, provide status indicator window on lockset rose. Provide serviceable window to prevent tampering. Lock must function if indicator is compromised. Provide messages color-coded with full text and/or symbol, as scheduled, for easy visibility.
3. Indicators: Where specified, provide status indicator window on top of lockset rose, to avoid blocking view, measuring a minimum 3.66-inch x .60 inch with 1.92 square-inches of front facing viewing area and 180-degree visibility with .220 square-inches of side view. Provide snap-in serviceable window to prevent tampering. Lock must function if indicator is compromised. Provide messages color-coded with full text and symbol, as scheduled, for easy visibility.
4. Cylinders: Refer to “KEYING” article, herein.
5. Provide cylindrical locksets exceeding the ANSI/BHMA A156.2 Grade 1 performance standards for strength, security, and durability in the categories below:

   a. Abusive Locked Lever Torque Test – minimum 3,100 inch-pounds without gaining access
   b. Cycle life - tested to minimum 10 million cycles per ANSI/BHMA A156.2 Cycle Test with no visible lever sag or use of performance aids such as set screws or spacers.

6. Provide locks with standard 2-3/4 inches (70 mm) backset, unless noted otherwise, with 1/2 inch latch throw. Provide proper latch throw for UL listing at pairs.
7. Provide locksets with separate anti-rotation thru-bolts, and no exposed screws.
8. Provide independently operating levers with two external return spring cassettes mounted under roses to prevent lever sag.
9. Provide standard ASA strikes unless extended lip strikes are necessary to protect trim.
10. Provide electrified options as scheduled in the hardware sets.
11. Lever Trim: Solid cast levers without plastic inserts, and wrought roses on both sides.

    a. Lever Design: As scheduled.

2.9 EXIT DEVICES

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: Von Duprin 98/35 series

B. Requirements:

1. Provide exit devices tested to ANSI/BHMA A156.3 Grade 1, and UL listed for Panic Exit or Fire Exit Hardware. Cylinders: Refer to “KEYING” article, herein.
2. Provide touchpad type exit devices, fabricated of brass, bronze, stainless steel, or aluminum, plated to standard architectural finishes to match balance of door hardware.
3. Touchpad: Extend minimum of one half of door width. Match exit device finish, stainless steel for US26, US26D, US28, US32, and US32D finishes; and for all other finishes, provide compatible finish to exit device. No plastic inserts are allowed in touchpads.
4. Provide exit devices with dead-latching feature for security and for future addition of alarm kits and/or other electrified requirements.
5. Provide flush end caps for exit devices.
6. Provide exit devices with manufacturer’s approved strikes.
7. Provide exit devices cut to door width and height. Install exit devices at height recommended by exit device manufacturer, allowable by governing building codes, and approved by Architect.
8. Mount mechanism case flush on face of doors, or provide spacers to fill gaps behind devices. Where glass trim or molding projects off face of door, provide glass bead kits.
9. Provide cylinder dogging at non-fire-rated exit devices.
10. Removable Mullions: 2 inches (51 mm) x 3 inches (76 mm) steel tube. Where scheduled as keyed removable mullion, provide type that can be removed by use of a keyed cylinder, which is self-locking when re-installed.
11. Where lever handles are specified as outside trim for exit devices, provide heavy-duty lever trims with forged or cast escutcheon plates. Provide vandal-resistant levers that will travel to 90-degree down position when more than 35 pounds of torque are applied, and which can easily be re-set.

    a. Lever Style: Match lever style of locksets.

12. Accessibility: Maximum 5lbs force to retract latch bolt per CBC Chapter 11B.

    “AX” feature: touchpad directly retracts the latchbolt with 5 lb or less of force. Provide testing lab certification confirming that the mechanical device is independent third-party tested to meet this 5 lb requirement.

13. Provide UL labeled fire exit hardware for fire rated openings.
14. Provide factory drilled weep holes for exit devices used in full exterior application, highly corrosive areas, and where noted in hardware sets.
15. Provide electrified options as scheduled.

2.10 POWER SUPPLIES

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: Schlage or Von Duprin PS900 series

B. Requirements:

1. Provide power supplies, recommended and approved by manufacturer of electrified locking component, for operation of electrified locks, electrified exit devices, magnetic locks, electric strikes, and other components requiring power supply.
2. Provide appropriate quantity of power supplies necessary for proper operation of electrified locking components as recommended by manufacturer of electrified locking components with consideration for each electrified component using power supply,

location of power supply, and approved wiring diagrams. Locate power supplies as directed by Architect.

3. Provide regulated and filtered 24 VDC power supply , and UL class 2 listed.
4. Options:

    a. Provide power supply, where specified, with internal capability of charging sealed backup batteries 24 VDC, in addition to operating DC load.
    b. Provide sealed batteries for battery back-up at each power supply where specified.
    c. Provide keyed power supply cabinet.

5. Provide power supply in an enclosure, complete, and requiring 120VAC to fused input.
6. Provide power supply with emergency release terminals, where specified, that allow release of all devices upon activation of fire alarm system complete with fire alarm input for initiating “no delay” exiting mode.

2.11 CYLINDERS

A. Manufacturers:

1. Scheduled Manufacturer: Schlage

B. Requirements:

1. Provide small format interchangeable core (SFIC) cylinders/cores to match Owner’s existing key system, compliant with ANSI/BHMA A156.5; latest revision, Section 12, Grade 1; permanent cylinders; cylinder face finished to match lockset, manufacturer’s series as indicated. Refer to “KEYING” article, herein.
2. Replaceable Construction Cores.

    a. Provide temporary construction cores replaceable by permanent cores, furnished in accordance with the following requirements.
        1) 3 construction control keys
        2) 12 construction change (day) keys.

    b. Owner or Owner’s Representative will replace temporary construction cores with permanent cores.

2.12 KEYING

A. Provide a factory registered keying system, complying with guidelines in ANSI/BHMA A156.28, incorporating decisions made at keying conference.

B. Requirements:

1. Provide permanent cylinders/cores keyed by the manufacturer according to the following key system.

    a. Master Keying system as directed by the Owner.

2. Forward bitting list and keys separately from cylinders, by means as directed by Owner. Failure to comply with forwarding requirements shall be cause for replacement of cylinders/cores involved at no additional cost to Owner.
3. Provide keys with the following features:

    a. Material: Nickel silver; minimum thickness of .107-inch (2.3mm)
    b. Patent Protection: Keys and blanks protected by one or more utility patent(s).

4. Identification:

    a. Mark permanent cylinders/cores and keys with applicable blind code per DHI publication “Keying Systems and Nomenclature” for identification. Blind code marks shall not include actual key cuts.
    b. Identification stamping provisions must be approved by the Architect and Owner.
    c. Stamp cylinders/cores and keys with Owner’s unique key system facility code as established by the manufacturer; key symbol and embossed or stamped with “DO NOT DUPLICATE” along with the “PATENTED” or patent number to enforce the patent protection.
    d. Failure to comply with stamping requirements shall be cause for replacement of keys involved at no additional cost to Owner.
    e. Forward permanent cylinders/cores to Owner, separately from keys, by means as directed by Owner.

5. Quantity: Furnish in the following quantities.

    a. Change (Day) Keys: 3 per cylinder/core.
    b. Permanent Control Keys: 3.
    c. Master Keys: 6.

2.13 DOOR CLOSERS

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: LCN 4040XP series.

B. Requirements:

1. Provide door closers conforming to ANSI/BHMA A156.4 Grade 1 requirements by BHMA certified independent testing laboratory. ISO 9000 certify closers. Stamp units with date of manufacture code.
2. Provide door closers with fully hydraulic, full rack and pinion action with high strength cast iron cylinder, and full complement bearings at shaft.
3. Cylinder Body: 1-1/2-inch (38 mm) diameter piston with 5/8-inch (16 mm) diameter double heat-treated pinion journal. QR code with a direct link to maintenance instructions.
4. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
5. Spring Power: Continuously adjustable over full range of closer sizes, and providing reduced opening force as required by accessibility codes and standards. Provide snap-on cover clip, with plastic covers, that secures cover to spring tube.
6. Hydraulic Regulation: By tamper-proof, non-critical valves, with separate adjustment for latch speed, general speed, and backcheck. Provide graphically labelled instructions on the closer body adjacent to each adjustment valve. Provide positive stop on reg valve that prevents reg screw from being backed out.
7. Provide closers with solid forged steel main arms and factory assembled heavy-duty forged forearms for parallel arm closers.
8. Pressure Relief Valve (PRV) Technology: Not permitted.
9. Finish for Closer Cylinders, Arms, Adapter Plates, and Metal Covers: Powder coating finish which has been certified to exceed 100 hours salt spray testing as described in ANSI Standard A156.4 and ASTM B117, or has special rust inhibitor (SRI).
10. Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.

2.14 DOOR CLOSERS

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: LCN 1460 series

B. Requirements:

1. Provide door closers conforming to ANSI/BHMA A156.4 Grade 1 requirements by BHMA certified independent testing laboratory.
2. Provide door closers with fully hydraulic, full rack and pinion action cylinder.
3. Closer Body: 1-1/4 inch (32 mm) diameter, with 5/8 inch (16 mm) diameter heat-treated pinion journal.
4. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
5. Spring Power: Continuously adjustable over full range of closer sizes, and providing reduced opening force as required by accessibility codes and standards.
6. Hydraulic Regulation: By tamper-proof, non-critical valves, with separate adjustment for latch speed, general speed, and back-check.
7. Pressure Relief Valve (PRV) Technology: not permitted.
8. Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.

2.15 DOOR TRIM

A. Manufacturers:

1. Scheduled Manufacturer: Ives

B. Requirements:

1. Provide push plates 4 inches (102 mm) wide by 16 inches (406 mm) high by 0.050 inch (1 mm) thick and beveled 4 edges. Where width of door stile prevents use of 4 inches (102 mm) wide plate, adjust width to fit.
2. Provide push bars of solid bar stock, diameter and length as scheduled. Provide push bars of sufficient length to span from center to center of each stile. Where required, mount back to back with pull.
3. Provide offset pulls of solid bar stock, diameter and length as scheduled. Where required, mount back to back with push bar.
4. Provide flush pulls as scheduled. Where required, provide back-to-back mounted model.
5. Provide pulls of solid bar stock, diameter and length as scheduled. Where required, mount back to back with push bar.
6. Provide pull plates 4 inches (102 mm) wide by 16 inches (406 mm) high by 0.050 inch (1 mm) thick, beveled 4 edges, and prepped for pull. Where width of door stile prevents use of 4 inches (102 mm) wide plate, adjust width to fit.
7. Provide wire pulls of solid bar stock, diameter and length as scheduled.
8. Provide decorative pulls as scheduled. Where required, mount back to back with pull.

2.16 PROTECTION PLATES

A. Manufacturers:

1. Scheduled Manufacturer: Ives

B. Requirements:

1. Provide kick plates, mop plates, and armor plates minimum of 0.050 inch (1 mm) thick, beveled four edges as scheduled. Furnish with sheet metal or wood screws, finished to match plates.
2. Sizes of plates:

    a. Kick Plates: 10 inches (254 mm) high by 2 inches (51 mm) less width of door on single doors, 1 inch (25 mm) less width of door on pairs
    b. Mop Plates: 4 inches (102 mm) high by 2 inches (51 mm) less width of door on single doors, 1 inch (25 mm) less width of door on pairs
    c. Armor Plates: 36 inches (914 mm) high by 2 inches (51 mm) less width of door on single doors, 1 inch (25 mm) less width of door on pairs

2.17 OVERHEAD STOPS AND OVERHEAD STOP/HOLDERS

A. Manufacturers:

1. Scheduled Manufacturers: Glynn-Johnson

B. Requirements:

1. Provide heavy duty concealed mounted overhead stop or holder as specified for exterior and interior vestibule single acting doors.
2. Provide heavy duty concealed mounted overhead stop or holder as specified for double acting doors.
3. Provide heavy or medium duty and concealed or surface mounted overhead stop or holder for interior doors as specified. Provide medium duty surface mounted overhead stop for interior doors and at any door that swings more than 140 degrees before striking wall, open against equipment, casework, sidelights, and where conditions do not allow wall stop or floor stop presents tripping hazard.
4. Where overhead holders are specified provide friction type at doors without closer and positive type at doors with closer.

2.18 DOOR STOPS AND HOLDERS

A. Manufacturers:

1. Scheduled Manufacturer: Ives

B. Provide door stops at each door leaf:

1. Provide wall stops wherever possible. Provide convex type where mortise type locks are used and concave type where cylindrical type locks are used.
2. Where a wall stop cannot be used, provide universal floor stops for low or high rise options.
3. Where wall or floor stop cannot be used, provide medium duty surface mounted overhead stop.

2.19 THRESHOLDS, SEALS, DOOR SWEEPS, AUTOMATIC DOOR BOTTOMS, AND GASKETING

A. Manufacturers:

1. Scheduled Manufacturer: Zero International
2. Acceptable Manufacturers: National Guard, Pemko

B. Requirements:

1. Provide thresholds, weather-stripping (including door sweeps, seals, and astragals) and gasketing systems (including smoke, sound, and light) as specified and per architectural details. Match finish of other items.
2. Size of thresholds:

    a. Saddle Thresholds: 1/2 inch (13 mm) high by jamb width by door width
    b. Bumper Seal Thresholds: 1/2 inch (13 mm) high by 5 inches (127 mm) wide by door width

3. Provide door sweeps, seals, astragals, and auto door bottoms only of type where resilient or flexible seal strip is easily replaceable and readily available.

2.20 SILENCERS

A. Manufacturers:

1. Scheduled Manufacturer: Ives
2. Acceptable Manufacturers: Burns, Trimco

B. Requirements:

1. Provide "push-in" type silencers for hollow metal or wood frames.
2. Provide one silencer per 30 inches (762 mm) of height on each single frame, and two for each pair frame.
3. Omit where gasketing is specified.

2.21 MAGNETIC HOLDERS

A. Manufacturers:

1. Scheduled Manufacturer: LCN
2. Acceptable Manufacturers: Rixson, Sargent

B. Requirements:

1. Provide wall or floor mounted electromagnetic door release as specified with minimum of 25 pounds of holding force. Coordinate projection of holder and armature with other hardware and wall conditions to ensure that door sits parallel to wall when fully open. Connect magnetic holders on fire-rated doors into the fire control panel for fail-safe operation.

2.22 DOOR POSITION SWITCHES

A. Manufacturers:

1. Scheduled Manufacturer: Schlage
2. Acceptable Manufacturers: GE-Interlogix, Sargent

B. Requirements:

1. Provide recessed or surface mounted type door position switches as specified.
2. Coordinate door and frame preparations with door and frame suppliers. If switches are being used with magnetic locking device, provide minimum of 4 inches (102 mm) between switch and magnetic locking device.

2.23 FINISHES

A. Finish: BHMA 626/652 (US26D); except:

1. Hinges at Exterior Doors: BHMA 630 (US32D)
2. Continuous Hinges: BHMA 630 (US32D)
3. Continuous Hinges: BHMA 628 (US28)
4. Push Plates, Pulls, and Push Bars: BHMA 630 (US32D)
5. Protection Plates: BHMA 630 (US32D)
6. Overhead Stops and Holders: BHMA 630 (US32D)
7. Door Closers: Powder Coat to Match
8. Wall Stops: BHMA 630 (US32D)
9. Latch Protectors: BHMA 630 (US32D)
10. Weatherstripping: Clear Anodized Aluminum
11. Thresholds: Mill Finish Aluminum

PART 3 - EXECUTION

3.1 EXAMINATION

A. Prior to installation of hardware, examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire-rated door assembly construction, wall and floor construction, and other conditions affecting performance.

B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

D. Existing frames and doors to be retrofitted with new hardware:

1. Field-verify conditions and dimensions prior to ordering hardware. Fill existing hardware cut outs not being reused by the new hardware. Remove existing hardware not being reused, return to Owner unless directed otherwise.
2. Remove existing floor closers not scheduled for reuse, fill cavities with non-shrinking concrete and finish smooth.
3. Cut and weld existing steel frames currently prepared with 2.25 inch height strikes. Cut an approximate 8 inch section from the strike jamb and weld in a reinforced section to accommodate specified hardware’s strike.
4. Patch and weld flush filler pieces into existing door hardware preparations in steel doors and frames, leave surfaces smooth.

3.2 PREPARATION

A. Where on-site modification of doors and frames is required:

1. Carefully remove existing door hardware and components being reused. Clean, protect, tag, and store in accordance with storage and handling requirements specified herein.
2. Field modify and prepare existing door and frame for new hardware being installed.
3. When modifications are exposed to view, use concealed fasteners, when possible.
4. Prepare hardware locations and reinstall in accordance with installation requirements for new door hardware and with:

a. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.

b. Wood Doors: DHI WDHS.5 "Recommended Hardware Reinforcement Locations for Mineral Core Wood Flush Doors."
c. Doors in rated assemblies: NFPA 80 for restrictions on on-site door hardware preparation.

3.3 INSTALLATION

A. Mounting Heights: Mount door hardware units at heights to comply with the following, unless otherwise indicated or required to comply with governing regulations.

1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
2. Custom Steel Doors and Frames: HMMA 831.
3. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."

B. Install each hardware item in compliance with manufacturer's instructions and recommendations, using only fasteners provided by manufacturer.

C. Do not install surface mounted items until finishes have been completed on substrate. Protect all installed hardware during painting.

D. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as necessary for proper installation and operation.

E. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.

F. Install operating parts so they move freely and smoothly without binding, sticking, or excessive clearance.

G. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than quantity recommended by manufacturer for application indicated or one hinge for every 30 inches (750 mm) of door height, whichever is more stringent, unless other equivalent means of support for door, such as spring hinges or pivots, are provided.

H. Intermediate Offset Pivots: Where offset pivots are indicated, provide intermediate offset pivots in quantities indicated in door hardware schedule but not fewer than one intermediate offset pivot per door and one additional intermediate offset pivot for every 30 inches (750 mm) of door height greater than 90 inches (2286 mm).

I. Lock Cylinders: Install construction cores to secure building and areas during construction period.

1. Replace construction cores with permanent cores as indicated in keying section.

J. Wiring: Coordinate with Division 26, ELECTRICAL sections for:

1. Conduit, junction boxes and wire pulls.
2. Connections to and from power supplies to electrified hardware.
3. Connections to fire/smoke alarm system and smoke evacuation system.
4. Connection of wire to door position switches and wire runs to central room or area, as directed by Architect.
5. Testing and labeling wires with Architect's opening number.

K. Key Control System: Tag keys and place them on markers and hooks in key control system cabinet, as determined by final keying schedule.

L. Door Closers: Mount closers on room side of corridor doors, inside of exterior doors, and stair side of stairway doors from corridors. Closers shall not be visible in corridors, lobbies and other public spaces unless approved by Architect.

M. Closer/Holders: Mount closer/holders on room side of corridor doors, inside of exterior doors, and stair side of stairway doors.

N. Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings or in equipment room, or alternate location as directed by Architect.

1. Coordination: Coordinate provision with the security systems provider to mitigate excessive or redundant purchase.
2. Configuration: Provide least number of power supplies required to adequately serve doors with electrified door hardware.

O. Thresholds: Set thresholds in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."

P. Stops: Provide floor stops for doors unless wall or other type stops are indicated in door hardware schedule. Do not mount floor stops where they may impede traffic or present tripping hazard.

Q. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.

R. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.

S. Door Bottoms: Apply to bottom of door, forming seal with threshold when door is closed.

T. Field-verify existing conditions and measurements prior to ordering hardware. Fill existing hardware cut outs not being used by the new hardware.

U. Remove existing hardware not being reused. Tag and bag removed hardware, turn over to Owner.

V. Where existing wall conditions will not allow door to swing using the scheduled hinges, provide wide-throw hinges and if needed, extended arms on closers.

W. Provide manufacturer’s recommended brackets to accommodate the mounting of closers on doors with flush transoms.

3.4 ADJUSTING

A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

1. Spring Hinges: Adjust to achieve positive latching when door is allowed to close freely from an open position of 30 degrees.
2. Electric Strikes: Adjust horizontal and vertical alignment of keeper to properly engage lock bolt.
3. Door Closers: Adjust sweep period to comply with accessibility requirements and requirements of authorities having jurisdiction.

B. Occupancy Adjustment: Approximately three months after date of Substantial Completion, Installer shall examine and readjust each item of door hardware, including adjusting operating forces, as necessary to ensure function of doors, door hardware, and electrified door hardware.

3.5 CLEANING AND PROTECTION

A. Clean adjacent surfaces soiled by door hardware installation.

B. Clean operating items as necessary to restore proper function and finish.

C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

3.6 DEMONSTRATION

A. Provide training for Owner's maintenance personnel to adjust, operate, and maintain door hardware and door hardware finishes. Refer to Division 01 Section "Demonstration and Training."

3.7 DOOR HARDWARE SCHEDULE

A. Locksets, exit devices, and other hardware items are referenced in the following hardware sets for series, type and function. Refer to the above-specifications for special features, options, cylinders/keying, and other requirements.

B. Do not order material until submittal has been reviewed, stamped, and signed by Architect’s door hardware consultant.

C. Hardware Sets:

Hardware Group No. 01

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
	EA	NOTE	SLIDING DOOR		

HARDWARE BY SLIDING DOOR MANUFACTURER

Hardware Group No. 02

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
	EA	NOTE	ELEVATOR DOOR		
	EA	NOTE	EXISTING DOOR		

HARDWARE BY DOOR MANUFACTURER

Hardware Group No. 03

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA	ELEC PANIC HARDWARE	RX-AX-98-EO-ALK 9-VOLT BATTERY WITH HARDWIRED OPTION	626	VON
1	EA	SFIC MORTISE CYL. HOUSING	80-102 (@ALARM)	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	4040XP REG OR PA AS REQ PROVIDE MOUNTING BRACKET, SPACER, PLATE AS REQUIRED	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	FS18S/L AS REQ	BLK	IVE
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	GASKETING	488SBK PSA	BK	ZER
1	EA	SECURITY ASTRAGAL	1392SP	600	NGP
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	102A (OR PER SILL DETAIL)	A	ZER

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

DOOR NORMALLY CLOSED AND LOCKED. PRESSING EXIT DEVICE PUSH PAD TRIGGERS LOCAL ALARM. OPENING DOOR WITH KEY FROM PULL SIDE DOES NOT TRIGGER ALARM. FREE EGRESS AT ALL TIMES.

Hardware Group No. 04

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW NRP (VERIFY HINGE DIMENSIONS)	630	IVE
1	EA	ELEC FIRE EXIT HARDWARE	RX-AX-98-EO-F-ALK 9-VOLT BATTERY WITH HARDWIRED OPTION	626	VON
1	EA	SFIC MORTISE CYL. HOUSING	80-102 (@ALARM)	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	4040XP REG OR PA AS REQ PROVIDE MOUNTING BRACKET, SPACER, PLATE AS REQUIRED	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	FS18S/L AS REQ	BLK	IVE
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	GASKETING	488SBK PSA	BK	ZER
1	EA	SECURITY ASTRAGAL	1392SP	600	NGP
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	102A (OR PER SILL DETAIL)	A	ZER
	EA	NOTE	EXISTING DOOR		
	EA	NOTE	RATED OPENING		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
FIELD VERIFY EXISTING CONDITIONS BEFORE ORDERING HARDWARE.
FIELD MODIFICATIONS TO EXISTING FIRE RATED DOORS AND FRAMES LIMITED TO ALLOWANCES IN NFPA 80.

DOOR NORMALLY CLOSED AND LOCKED. PRESSING EXIT DEVICE PUSH PAD TRIGGERS LOCAL ALARM. OPENING DOOR WITH KEY FROM PULL SIDE DOES NOT TRIGGER ALARM. FREE EGRESS AT ALL TIMES.

Hardware Group No. 05

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	PIVOT SET	7215 SET	689	IVE
1	EA	INTERMEDIATE PIVOT	7215 INT (AS REQ)	626	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
1	SET	DOOR SEALS	BY ALUMINUM DOOR/FRAME MANUFACTURER		B/O

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
5" OR WIDER STILES REQUIRED TO INSTALL SPECIFIED HARDWARE.

Hardware Group No. 06

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	PIVOT SET	7215 SET	689	IVE
1	EA	INTERMEDIATE PIVOT	7215 INT (AS REQ)	626	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
1	SET	DOOR SEALS	BY ALUMINUM DOOR/FRAME MANUFACTURER		B/O
	EA	NOTE	PART OF FOLDING DOOR SYSTEM		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
5" OR WIDER STILES REQUIRED TO INSTALL SPECIFIED HARDWARE.
CONFIRM DOOR REQUIREMENTS WITH FOLDING DOOR MANUFACTURER BEFORE ORDERING.

Hardware Group No. 07

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	FOLDING DOOR HW	943.29.010	AL	HAW
1	EA	LOCKING HARDWARE	BY DOOR MANUFACTURER	630	BYO
	EA	NOTE	FOLDING DOOR		

HARDWARE BY FOLDING DOOR MANUFACTURER

Hardware Group No. 07A

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	LOCKING HARDWARE	BY DOOR MANUFACTURER	630	BYO
	EA	NOTE	FOLDING DOOR		

HARDWARE BY FOLDING DOOR MANUFACTURER

Hardware Group No. 08

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	PIVOT SET	7215 SET	689	IVE
1	EA	INTERMEDIATE PIVOT	7215 INT (AS REQ)	626	IVE
1	EA	POWER TRANSFER	EPT10	689	VON
1	EA	EU STOREROOM LOCK	ND80BDEU RHO RX CON 12V/24V DC	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
1	SET	DOOR SEALS	BY ALUMINUM DOOR/FRAME MANUFACTURER		B/O
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY	PS902 OR BY DIV 28 COORDINATE POWER SUPPLY LOCATIONS/QUANTITIES W/ ACCESS CONTROL CONTRACTOR	LGR	SCE
1		READER	CARD READER BY DIV 28		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
5" OR WIDER STILES REQUIRED TO INSTALL SPECIFIED HARDWARE.
COORDINATE: ACCESS CONTROL, WIRING, CONDUIT, POWER.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIALS TO THE READER WILL MOMENTARILY UNLOCK THE DOOR, ALLOWING ACCESS. DOOR LOCKS ONCE THE DOOR CLOSES. DOOR LOCK STATUS CAN BE SET ACCORDING TO SCHEDULE IN ACCESS CONTROL SOFTWARE. FREE EGRESS AT ALL TIMES. UPON LOSS OF POWER, THE DOOR WILL REMAIN LOCKED AND WILL CONTINUE TO ALLOW FREE EGRESS.

Hardware Group No. 09

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	ELECTRIC HINGE	5BB1 4.5 X 4.5 CON TW8	652	IVE
1	EA	EU STOREROOM LOCK	ND80BDEU RHO RX CON 12V/24V DC	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	OH STOP & HOLDER	90H	652	GLY
1	EA	SURFACE CLOSER	1461 REG OR PA AS REQ FC	689	LCN
1	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS	630	IVE
1	EA	SILENCER	SR64/65 AS REQ	GRY	IVE
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY	PS902 OR BY DIV 28 COORDINATE POWER SUPPLY LOCATIONS/QUANTITIES W/ ACCESS CONTROL CONTRACTOR	LGR	SCE
1		READER	CARD READER BY DIV 28		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
COORDINATE: ACCESS CONTROL, WIRING, CONDUIT, POWER.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIALS TO THE READER WILL MOMENTARILY UNLOCK THE DOOR, ALLOWING ACCESS. DOOR LOCKS ONCE THE DOOR CLOSES. DOOR LOCK STATUS CAN BE SET ACCORDING TO SCHEDULE IN ACCESS CONTROL SOFTWARE. FREE EGRESS AT ALL TIMES. UPON LOSS OF POWER, THE DOOR WILL REMAIN LOCKED AND WILL CONTINUE TO ALLOW FREE EGRESS.

Hardware Group No. 10

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	PIVOT SET	7215 SET	689	IVE
1	EA	INTERMEDIATE PIVOT	7215 INT (AS REQ)	626	IVE
1	EA	POWER TRANSFER	EPT10	689	VON
1	EA	ELEC PANIC HARDWARE	RX-QELX-AX-98-L-NL-06	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	4040XP REG OR PA AS REQ PROVIDE MOUNTING BRACKET, SPACER, PLATE AS REQUIRED	689	LCN
1	EA	FLOOR STOP/HOLDER	FS40 SERIES	626	IVE
1	EA	RAIN DRIP	142AA	AA	ZER
1	SET	DOOR SEALS	BY ALUMINUM DOOR/FRAME MANUFACTURER		B/O
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	102A (OR PER SILL DETAIL)	A	ZER
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY	PS902-2RS		VON
1		READER	CARD READER BY DIV 28		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
5" OR WIDER STILES REQUIRED TO INSTALL SPECIFIED HARDWARE.
COORDINATE: ACCESS CONTROL, WIRING, CONDUIT, POWER.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIALS TO THE READER WILL MOMENTARILY UNLOCK THE DOOR, ALLOWING ACCESS. DOOR LOCKS ONCE THE DOOR CLOSES. DOOR LOCK STATUS CAN BE SET ACCORDING TO SCHEDULE IN ACCESS CONTROL SOFTWARE. FREE EGRESS AT ALL TIMES. UPON LOSS OF POWER, THE DOOR WILL REMAIN LOCKED AND WILL CONTINUE TO ALLOW FREE EGRESS.

Hardware Group No. 11

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	PIVOT SET	7215 SET	689	IVE
1	EA	INTERMEDIATE PIVOT	7215 INT (AS REQ)	626	IVE
1	EA	POWER TRANSFER	EPT10	689	VON
1	EA	ELEC PANIC HARDWARE	RX-AX-98-L-NL-06	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	4040XP REG OR PA AS REQ PROVIDE MOUNTING BRACKET, SPACER, PLATE AS REQUIRED	689	LCN
1	EA	FLOOR STOP/HOLDER	FS40 SERIES	626	IVE
1	EA	RAIN DRIP	142AA	AA	ZER
1	SET	DOOR SEALS	BY ALUMINUM DOOR/FRAME MANUFACTURER		B/O
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	102A (OR PER SILL DETAIL)	A	ZER
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
5" OR WIDER STILES REQUIRED TO INSTALL SPECIFIED HARDWARE.
COORDINATE: ACCESS CONTROL, WIRING

Hardware Group No. 12

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	ELECTRIC HINGE	5BB1HW 4.5 X 4.5 CON TW8	652	IVE
1	EA	EU STOREROOM LOCK	ND80BDEU RHO RX CON 12V/24V DC	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER (HOLD OPEN ARM)	1461 H FC	689	LCN
1	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
1	EA	SILENCER	SR64/65 AS REQ	GRY	IVE
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY	PS902 OR BY DIV 28 COORDINATE POWER SUPPLY LOCATIONS/QUANTITIES W/ ACCESS CONTROL CONTRACTOR	LGR	SCE
1		READER	CARD READER BY DIV 28		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
COORDINATE: ACCESS CONTROL, WIRING, CONDUIT, POWER.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIALS TO THE READER WILL MOMENTARILY UNLOCK THE DOOR, ALLOWING ACCESS. DOOR LOCKS ONCE THE DOOR CLOSES. DOOR LOCK STATUS CAN BE SET ACCORDING TO SCHEDULE IN ACCESS CONTROL SOFTWARE. FREE EGRESS AT ALL TIMES. UPON LOSS OF POWER, THE DOOR WILL REMAIN LOCKED AND WILL CONTINUE TO ALLOW FREE EGRESS.

Hardware Group No. 13

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	ELECTRIC HINGE	5BB1 4.5 X 4.5 CON TW8	652	IVE
1	EA	EU STOREROOM LOCK	ND80BDEU RHO RX CON 12V/24V DC	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
1	EA	SILENCER	SR64/65 AS REQ	GRY	IVE
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY	PS902 OR BY DIV 28 COORDINATE POWER SUPPLY LOCATIONS/QUANTITIES W/ ACCESS CONTROL CONTRACTOR	LGR	SCE
1		READER	CARD READER BY DIV 28		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
COORDINATE: ACCESS CONTROL, WIRING, CONDUIT, POWER.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIALS TO THE READER WILL MOMENTARILY UNLOCK THE DOOR, ALLOWING ACCESS. DOOR LOCKS ONCE THE DOOR CLOSES. DOOR LOCK STATUS CAN BE SET ACCORDING TO SCHEDULE IN ACCESS CONTROL SOFTWARE. FREE EGRESS AT ALL TIMES. UPON LOSS OF POWER, THE DOOR WILL REMAIN LOCKED AND WILL CONTINUE TO ALLOW FREE EGRESS.

Hardware Group No. 14

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
5	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	ELECTRIC HINGE	5BB1 4.5 X 4.5 CON TW8	652	IVE
1	EA	CONST LATCHING BOLT	FB51P	630	IVE
1	EA	DUST PROOF STRIKE	DP1/DP2 AS REQ	626	IVE
1	EA	EU STOREROOM LOCK	ND80BDEU RHO RX CON 12V/24V DC	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
2	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
1	EA	ASTRAGAL	47A	A	ZER
1	EA	SILENCER	SR64/65 AS REQ	GRY	IVE
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY	PS902 OR BY DIV 28 COORDINATE POWER SUPPLY LOCATIONS/QUANTITIES W/ ACCESS CONTROL CONTRACTOR	LGR	SCE
1		READER	CARD READER BY DIV 28		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
COORDINATE: ACCESS CONTROL, WIRING, CONDUIT, POWER.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIALS TO THE READER WILL MOMENTARILY UNLOCK THE DOOR, ALLOWING ACCESS. DOOR LOCKS ONCE THE DOOR CLOSES. DOOR LOCK STATUS CAN BE SET ACCORDING TO SCHEDULE IN ACCESS CONTROL SOFTWARE. FREE EGRESS AT ALL TIMES. UPON LOSS OF POWER, THE DOOR WILL REMAIN LOCKED AND WILL CONTINUE TO ALLOW FREE EGRESS.

Hardware Group No. 15

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	ELECT PIN-CODE LOCK	DL2700	626	ALA
1	EA	ELECTRONIC ACCESSORY	ALL-RR-TRILOGYKIT #936	BLK	ALA
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER (HOLD OPEN ARM)	1461 H FC	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	MOP PLATE	8400 4" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
1	EA	GASKETING	488SBK PSA	BK	ZER

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
COORDINATE: ACCESS CONTROL, POWER.

DOOR NORMALLY CLOSED AND LOCKED. INPUTTING VALID PIN-CODE INTO LOCKSET KEYPAD WILL TEMPORARILY UNLOCK DOOR. DOOR CAN BE REMOTELY LOCKED/UNLOCKED USING REMOTE CONTROLLER. FREE EGRESS AT ALL TIMES. UPON LOSS OF POWER, THE DOOR WILL REMAIN LOCKED AND WILL CONTINUE TO ALLOW FREE EGRESS.

Hardware Group No. 16

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

Hardware Group No. 17

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CONST LATCHING BOLT	FB51P	630	IVE
1	EA	DUST PROOF STRIKE	DP1/DP2 AS REQ	626	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
2	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
1	EA	ASTRAGAL	47A	A	ZER
1	EA	SILENCER	SR64/65 AS REQ	GRY	IVE

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

Hardware Group No. 18

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

Hardware Group No. 20

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	FIRE EXIT HARDWARE	AX-98-L-F-06	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	1461 REG OR PA AS REQ FC	689	LCN
1	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
1	EA	MAGNETIC HOLD OPEN	SEM 7800 SERIES AS REQ	689	LCN
1	EA	GASKETING	488SBK PSA	BK	ZER

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
COORDINATE: LIFE SAFETY/FIRE ALARM

DOORS NORMALLY HELD OPEN WITH MAG-HOLDERS. DURING A FIRE ALARM OR UPON LOSS OF POWER, THE DOORS CLOSE.

Hardware Group No. 21

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PANIC HARDWARE	AX-98-L-06	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	1461 REG OR PA AS REQ FC	689	LCN
1	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP/HOLDER	FS40 SERIES	626	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

Hardware Group No. 22

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	KEYED PRIVACY LOCK W/ OUTSIDE INDICATOR	ND52P6D RHO OS-OCC	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	1461 REG OR PA AS REQ FC	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	MOP PLATE	8400 4" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
1	EA	GASKETING	488SBK PSA	BK	ZER

Hardware Group No. 23

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW (VERIFY HINGE DIMENSIONS)	652	IVE
1	EA	FIRE EXIT HARDWARE	AX-98-L-F-06	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	1461 REG OR PA AS REQ FC	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
1	EA	GASKETING	488SBK PSA	BK	ZER
	EA	NOTE	EXISTING DOOR		
	EA	NOTE	RATED OPENING		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
FIELD VERIFY EXISTING CONDITIONS BEFORE ORDERING HARDWARE.
FIELD MODIFICATIONS TO EXISTING FIRE RATED DOORS AND FRAMES LIMITED TO ALLOWANCES IN NFPA 80.
COORDINATE: ACCESS CONTROL, WIRING

Hardware Group No. 24

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	PIVOT SET	7215 SET	689	IVE
1	EA	INTERMEDIATE PIVOT	7215 INT (AS REQ)	626	IVE
1	EA	ENTRANCE/OFFICE LOCK	ND50BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
1	SET	DOOR SEALS	BY ALUMINUM DOOR/FRAME MANUFACTURER		B/O

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
5" OR WIDER STILES REQUIRED TO INSTALL SPECIFIED HARDWARE.

Hardware Group No. 25

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	HINGE	5BB1HW NRP (VERIFY HINGE DIMENSIONS)	630	IVE
1	EA	ELECTRIC HINGE	5BB1HW CON TW8 (VERIFY HINGE DIMENSIONS)	630	IVE
1	EA	ELEC FIRE EXIT HARDWARE	RX-QELX-AX-98-L-NL-F-06	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	4040XP REG OR PA AS REQ PROVIDE MOUNTING BRACKET, SPACER, PLATE AS REQUIRED	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	FS18S/L AS REQ	BLK	IVE
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	GASKETING	488SBK PSA	BK	ZER
1	EA	SECURITY ASTRAGAL	1392SP	600	NGP
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	102A (OR PER SILL DETAIL)	A	ZER
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY	PS902-2RS		VON
1		READER	CARD READER BY DIV 28		
	EA	NOTE	EXISTING DOOR		
	EA	NOTE	RATED OPENING		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
FIELD VERIFY EXISTING CONDITIONS BEFORE ORDERING HARDWARE.
FIELD MODIFICATIONS TO EXISTING FIRE RATED DOORS AND FRAMES LIMITED TO ALLOWANCES IN NFPA 80.
COORDINATE: ACCESS CONTROL, WIRING

Hardware Group No. 26

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER (HOLD OPEN ARM)	1461 H FC	689	LCN
1	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

Hardware Group No. 27

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW NRP (VERIFY HINGE DIMENSIONS)	630	IVE
1	EA	PANIC HARDWARE	LD-AX-98-NL	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	4040XP REG OR PA AS REQ PROVIDE MOUNTING BRACKET, SPACER, PLATE AS REQUIRED	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	FS18S/L AS REQ	BLK	IVE
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	GASKETING	488SBK PSA	BK	ZER
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	102A (OR PER SILL DETAIL)	A	ZER
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
	EA	NOTE	EXISTING DOOR		
	EA	NOTE	RATED OPENING		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
FIELD VERIFY EXISTING CONDITIONS BEFORE ORDERING HARDWARE.
FIELD MODIFICATIONS TO EXISTING FIRE RATED DOORS AND FRAMES LIMITED TO ALLOWANCES IN NFPA 80.
COORDINATE: ACCESS CONTROL, WIRING

Hardware Group No. 28

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW (VERIFY HINGE DIMENSIONS)	652	IVE
1	EA	ELECTRIC HINGE	5BB1HW CON TW8 (VERIFY HINGE DIMENSIONS)	652	IVE
1	EA	EU STOREROOM LOCK	ND80BDEU RHO RX CON 12V/24V DC	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	1461 REG OR PA AS REQ FC	689	LCN
1	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY	PS902 OR BY DIV 28 COORDINATE POWER SUPPLY LOCATIONS/QUANTITIES W/ ACCESS CONTROL CONTRACTOR	LGR	SCE
1		READER	CARD READER BY DIV 28		
	EA	NOTE	EXISTING DOOR		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
FIELD VERIFY EXISTING CONDITIONS BEFORE ORDERING HARDWARE.
COORDINATE: ACCESS CONTROL, WIRING, CONDUIT, POWER.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIALS TO THE READER WILL MOMENTARILY UNLOCK THE DOOR, ALLOWING ACCESS. DOOR LOCKS ONCE THE DOOR CLOSES. DOOR LOCK STATUS CAN BE SET ACCORDING TO SCHEDULE IN ACCESS CONTROL SOFTWARE. FREE EGRESS AT ALL TIMES. UPON LOSS OF POWER, THE DOOR WILL REMAIN LOCKED AND WILL CONTINUE TO ALLOW FREE EGRESS.

Hardware Group No. 29

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (VERIFY HINGE DIMENSIONS)	652	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	1461 REG OR PA AS REQ FC	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE
	EA	NOTE	EXISTING DOOR		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
FIELD VERIFY EXISTING CONDITIONS BEFORE ORDERING HARDWARE.

Hardware Group No. 30

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (VERIFY HINGE DIMENSIONS)	652	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER (HOLD OPEN ARM)	1461 H FC	689	LCN
1	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE
	EA	NOTE	EXISTING DOOR		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
FIELD VERIFY EXISTING CONDITIONS BEFORE ORDERING HARDWARE.

Hardware Group No. 31

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW (VERIFY HINGE DIMENSIONS)	652	IVE
1	EA	FIRE EXIT HARDWARE	AX-98-L-BE-F-06	626	VON
1	EA	SURFACE CLOSER	1461 REG OR PA AS REQ FC	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
1	EA	GASKETING	488SBK PSA	BK	ZER
	EA	NOTE	EXISTING DOOR		
	EA	NOTE	RATED OPENING		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
FIELD VERIFY EXISTING CONDITIONS BEFORE ORDERING HARDWARE.
FIELD MODIFICATIONS TO EXISTING FIRE RATED DOORS AND FRAMES LIMITED TO ALLOWANCES IN NFPA 80.
COORDINATE: ACCESS CONTROL, WIRING

Hardware Group No. 32

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW (VERIFY HINGE DIMENSIONS)	652	IVE
1	EA	ELEC PANIC HARDWARE	RX-AX-98-L-06-ALK 9-VOLT BATTERY WITH HARDWIRED OPTION	626	VON
1	EA	SFIC MORTISE CYL. HOUSING	80-102 (@ALARM)	626	SCH
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER	1461 REG OR PA AS REQ FC	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	FS436/438 AS REQ	626	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE
	EA	NOTE	EXISTING DOOR		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.
FIELD VERIFY EXISTING CONDITIONS BEFORE ORDERING HARDWARE.

DOOR NORMALLY CLOSED AND LOCKED. PRESSING EXIT DEVICE PUSH PAD TRIGGERS LOCAL ALARM. OPENING DOOR WITH KEY FROM PULL SIDE DOES NOT TRIGGER ALARM. FREE EGRESS AT ALL TIMES.

Hardware Group No. 34

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
	EA	NOTE	ROLLUP/COILING DOOR		

HARDWARE BY ROLLUP/COILING DOOR MANUFACTURER

Hardware Group No. 35

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	PIVOT SET	7215 SET	689	IVE
2	EA	INTERMEDIATE PIVOT	7215 INT (AS REQ)	626	IVE
1	EA	PANIC HARDWARE	AX-9849-L-06-LBL	626	VON
1	EA	PANIC HARDWARE	AX-9849-L-DT-06-LBL	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
2	EA	SURFACE CLOSER	4040XP REG OR PA AS REQ PROVIDE MOUNTING BRACKET, SPACER, PLATE AS REQUIRED	689	LCN
2	EA	FLOOR STOP/HOLDER	FS40 SERIES	626	IVE
1	SET	DOOR SEALS	BY ALUMINUM DOOR/FRAME MANUFACTURER		B/O

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

Hardware Group No. 36

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	ND80BD RHO	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	OVERHEAD STOP	450S	695	GLY
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

Hardware Group No. 37

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PANIC HARDWARE	AX-98-L-NL-06	626	VON
1	EA	SFIC RIM HOUSING	80-129	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
1	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	SURFACE CLOSER (HOLD OPEN ARM)	1461 H FC	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

Hardware Group No. 38

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	ELECTRIC HINGE	5BB1 4.5 X 4.5 CON TW8	652	IVE
1	EA	EU STOREROOM LOCK	ND80BDEU RHO RX CON 12V/24V DC	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	OVERHEAD STOP	450S	695	GLY
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE
1	EA	DOOR CONTACT	679-05HM/WD OR BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY	PS902 OR BY DIV 28 COORDINATE POWER SUPPLY LOCATIONS/QUANTITIES W/ ACCESS CONTROL CONTRACTOR	LGR	SCE
1		READER	CARD READER BY DIV 28		

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

Hardware Group No. 39

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	CORRIDOR LOCK W/ OUTSIDE INDICATOR	ND73BD RHO OS-OCC	626	SCH
1	EA	SFIC CORE (CONSTRUCTION)	AS REQ	626	BYO
2	EA	SFIC CORE (FINAL)	MATCH FACILITY STANDARD AS REQ	626	BYO
1	EA	WALL STOP	WS406/407CCV PROVIDE WALL BACKING FOR STOP	630	IVE
3	EA	SILENCER	SR64/65 AS REQ	GRY	IVE

CONFIRM CYLINDER/KEYING REQUIREMENTS WITH FACILITIES LOCKSMITH BEFORE ORDERING.

End of Section

SECTION 09 8433 WOOD FIBER ACOUSTICAL UNITS ADDENDUM 3

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes:

1. Acoustic fiber units.

a. Wall Panels.

b. Ceiling Panels.

c. Acoustical Ceiling System.

B. Related Requirements:

1. Division 01 - General Requirements.

2. Section 09 2216 - Non-Structural Metal Framing.

3. Sections 09 2900 - Gypsum Board.

4. Section 09 5113 - Acoustical Panel Ceilings.

5. Division 23 - HVAC.

6. Division 26 - Electrical

1.02 SYSTEM DESCRIPTION

A. Product Requirements: The acoustical fiber units shall be provided in uniform thickness with tolerances of not to exceed plus or minus 1/8 inch. Permitted span distances shall not exceed manufacturer’s recommendations.

B. Single Source Responsibility: Provide acoustical fiber units from a single manufacturer.

C. Regulatory Requirements:

1. The acoustical fiber units shall provide a flame spread rating of 25 or less when tested in accordance with ASTM E84 for the exposed interior surface.

2. The acoustical fiber units shall be manufactured, fabricated, and installed to provide a Noise Reduction Coefficient (NRC) rating as indicated on the Drawings.

1.03 SUBMITTALS

A. Product Data:

1. Submit a complete list of proposed materials.

2. Submit manufacturer's installation instructions.

3. Submit manufacturer's recommended procedures for normal cleaning and removal of stains including precautions in furnishing of cleaning materials that may be detrimental to surfaces.

B. Material Samples: Submit Samples of color and texture, minimum 6-inch by 6-inch.

1.04 QUALITY ASSURANCE

A. Design Criteria:

1. Deflection of finished surface limited to 1/360 of span or less.

2. 1/8 inch maximum permissible variation from true plane measured from 10 foot straightedge placed on surface of finished acoustical fiber units.

C. Requirements of Regulatory Agencies:

1. Conform to CBC requirements and UL - Tunnel Test for Fire Hazard Classification of Building Materials.

2. CISCA Code of Practices.

3. Acoustical Materials:

a. Acoustical and Insulating Materials Association Bulletin - Performance Data for Architectural Acoustic Materials.

b. FS SS-S-118A, Sound Control Blocks and Board (Acoustical Tiles and Panels, Prefabricated).

1.05 DELIVERY, STORAGE AND HANDLING

A. Deliver materials to the Project site in original sealed packages.

B. Storage: Store materials in building area where they will be installed, in original package. Maintain and protect from damage due to water or deteriorating elements.

C. Handle in a manner to prevent damage during storage and installation.

1.06 PROJECT CONDITIONS

A. Environmental Requirements: Maintain temperature in space at 55 degrees F or above for 24 hours before, during and after installation.

B. Scheduling:

1. Before concealing Work of other sections, verify required inspections have been completed.

2. Coordinate with related Work of other sections. Coordinate location and symmetrical placement of air distribution devices, electrical devices, and penetrations with related Work section.

PART 2 - PRODUCTS

2.01 MANUFACTURER

A. Tectum Inc.: Cementitious Wood Fiber Acoustical Products, or equal.

B. Wall and/or Ceiling Panels

1. Tectum Standard Interior Wall Panels, or equal.

a. Material: Aspen wood fibers bonded with inorganic hydraulic cement.

b. Thickness 1 inch.

c. Edge: square ends.

d. Width: 23 ¾-inch.

e. Length: 6’.

f. Color: To be selected by Architect.

g. Mounting Style: "A" Provide all fasteners, Furring strips and OCF 703 fiberglass insulation for a complete installation.

2. Acoustical Ceiling System

1. Tectum Full Span Panels, or equal.

a. Material: Aspen wood fibers bonded with inorganic hydraulic cement.

b. Thickness: 1 inch.

c. Color: Natural color. 5

d. Size: As indicated on Drawing.

2. Tectum Lay-IN Grid Panels, or equal.

a. Material: Aspen wood fibers bonded with inorganic hydraulic cement.

b. Thickness and Back Rabbet: 1 inch thick.

c. Color: Natural color.. 5

2.03 ACCESSORY MATERIALS

A. Provide accessories as follows:

1. Clips: 0.043 inch galvanized steel.

2. Painted Head Drywall Screws:

a. Material: Steel.

b. Length: 1 5/8 -inch. Verify in field as needed.

c. Color:

3. Moulding: natural color. 5

a. Material: Plastic.

b. Designation: CHC.

4. Touch-Up Paint: Color to match board.

PART 3 - EXECUTION

3.01 PREPARATION

A. MANUFACTURER'S INSTRUCTIONS

1. Comply with the instructions and recommendations of the acoustical wall panel system manufacturer.

2. Install materials in accordance with governing regulations, fire resistance rating requirements and applicable industry standards.

a. Comply with CISCA Code of Practices.

B. EXAMINATION

1. Site Verification of Conditions:

a. Examine surfaces scheduled to receive suspended or directly attached acoustical units for unevenness, irregularities, and dampness that would affect quality and installation.

b. Do not proceed with installation of wall panel system until unacceptable conditions are corrected.

3.02 INSTALLATION

A. Screw head to be flush with panel surface.

B. Securely fasten wall panels by means of splines attached vertically to smooth wall or furring strips. Engage vertical kerfs on the edges of the wall panels with splines. Install adhesive.

C Cover field cut edges by means of trim or other moldings.

3.03 CLEANING

A. Clean exposed surfaces of acoustical panel, trim, moldings and suspension members to comply with manufacturer's instructions for cleaning.

B. Touch up any minor finish damage.

C. Remove and replace damaged Work as required.

3.04 PROTECTION

A. Protect the Work of this section until Substantial Completion.

3.05 CLEANUP

A. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.

END OF SECTION

LavAdvantage™

Point-of-Use Microprocessor Temperature Control

Specifications
Electric Tankless Water Heater

Applications

- Lavatory sinks
- Multi lav configurations ideal for sensor or metering faucets (ML option - 110°F max.)
- Emergency eye wash fountains (EE option - 90°F max.)

Performance Features

- Industry's lowest activation with 0.2 GPM turn on flow
- Active energy management with power modulating controls
- Microprocessor temperature control with digital display for thermostatic accuracy +/-1°F
- Field adjustable set point range between 70-140°F. Factory set at 120°F (3.5kW and below set at 105°F). Special settings of higher or lower range available based on options (see Specification Options)
- Silent Operation (except for SPEX0122240T)
- Mounts in any orientation
- Proprietary purge technology engages upon installation to help protect against dry-fire occurrence
- Accessible diagnostic feature displays error codes
- Cut energy waste – Flow switch activates heater only on demand (no standby heat loss)
- Save water and time by installing unit at point-of-use to eliminate long pipe runs
- Eliminate costly mixing valves (check local codes)
- Continuous hot water – No storage capacity to run out
- Easy installation. Only one cold or hot water line need be brought to installation – integral compression fittings are 3/8" (no sweat connections)
- Reduces installation cost and materials. No T&P relief valve needed (check local codes)
- High temperature limit switch (ECO)
- Booster up to 180°F (S option)
- Warranty, five (5) years limited on leaks, one (1) year parts
- Compact size fits almost anywhere for flexible installation; suitable for ADA compliant facilities

Product Specifications

Dimensions:	9.75" x 5.25" x 3"
Weight:	4 lb
Cover:	ABS UL rated 94 5VA
Color:	White
Adj. Temperature Range:	70°F-140°F
Min. Dynamic Operating Pressure:	35 PSI
Max. Dynamic Operating Pressure:	150 PSI
Element:	Replaceable Ni Chrome cartridge insert
Fittings:	3/8" compression fittings
UL listed file number:	E86887

U.S. Patent #'s: 4,762,980 and 4,960,976

Special Design Service

Inquiries for units for unique applications are welcome.
Call our Technical Service department at **1-800-543-6163**.

LISTED

NO LEAD*
*The wetted surface of this product contacted by water contains less than 0.25% lead and meets ANSI/NSF 372

Assembled
In USA

bimobject
Find our products on
bimobject.com
BIM

Note: For optimum performance, mounting location should be located within 2 feet of fixture.

Suggested Specification

Tankless water heater shall be an Eemax LavAdvantage model number SPEX_____.

Unit shall have ABS-UL 94 5VA rated cover. Unit shall have 0.2 GPM turn on. Unit shall allow mounting in any direction. Element shall be replaceable cartridge insert. Unit shall have replaceable filter in the inlet connector. Element shall be iron free, Nickel Chrome material. Tankless water heater to utilize complex algorithm, actively managing power application to real time system demand. Integrated flow meter, along with inlet and outlet temperature sensors provide data which allows the unit to instantly adapt to variations in input parameters. Heater shall be fitted with 3/8" compression fittings to eliminate need for soldering. Maximum operating pressure of 150 PSI. Accessible diagnostic features to include error/fault display. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal.

Tankless water heater user interface must have the following capabilities:

- Selectable display including Celsius /Fahrenheit, set point, flow rate, inlet temperature outlet temperature, power factor
- Capable of displaying flow rate in gallons per minute & liters per minute
- Diagnostic features to include error/fault display
- Control board must maintain error/fault history of 5 events

Specification options to be included with SPEX models:

_____ **EE** Emergency Eyewash. Meets ANSI tepid water requirements. Factory set to 90°F. Max temp. 90°F.
_____ **ML** Multiple Lavatory. Factory set to 110°F. Max temp. 110°F
_____ **S** Sanitation. Factory set to 120°F. Max temp. 180°F.
_____ **N4** NEMA 4 waterproof cabinet w/powder coat finish
_____ **N4X** NEMA 4 stainless steel waterproof corrosion-resistant cabinet

LavAdvantage

Point-of-Use Microprocessor Temperature Control

Specifications
Electric Tankless Water Heater

	MODEL NUMBER	kW	AMPS	RECOM'D WIRE SIZE (75° C/CU)	TURN ON (GPM)	TEMPERATURE RISE °F 0.35 GPM	0.5 GPM	1.0 GPM	2.0 GPM
	VOLTS 120								
C	**SPEX1812T**	1.8	15	14 AWG	0.2	35°	25°	12°	6°
C	**SPEX1812T EE**	1.8	15	14 AWG	0.2	35°	25°	12°	6°
C	**SPEX1812T S**	1.8	15	14 AWG	0.2	35°	25°	12°	6°
C	**SPEX2412T**	2.4	20	14 AWG	0.2	47°	33°	16°	8°
C	**SPEX2412T EE**	2.4	20	14 AWG	0.2	47°	33°	16°	8°
C	**SPEX2412T S**	2.4	20	14 AWG	0.2	47°	33°	16°	8°
C	**SPEX3012T**	3.0	25	12 AWG	0.2	59°	41°	20°	10°
C	**SPEX3012T EE**	3.0	25	12 AWG	0.2	59°	41°	20°	10°
C	**SPEX3012T S**	3.0	25	12 AWG	0.2	59°	41°	20°	10°
C	**SPEX3512T**	3.5	29	10 AWG	0.2	68°	48°	24°	12°
C	**SPEX3512T EE**	3.5	29	10 AWG	0.2	†	48°	24°	12°
C	**SPEX3512T ML**	3.5	29	10 AWG	0.2	68°	48°	24°	12°
C	**SPEX3512T S**	3.5	29	10 AWG	0.2	68°	48°	24°	12°
	VOLTS 240*								
C	**SPEX35T**	3.5	15	14 AWG	0.2	68°	48°	24°	12°
C	**SPEX35T** (derated 208V perf.)	2.7	13	14 AWG	0.2	53°	37°	18°	9°
C	**SPEX35T EE**	3.5	15	14 AWG	0.2	†	48°	24°	12°
C	**SPEX35T ML**	3.5	15	14 AWG	0.2	68°	48°	24°	12°
C	**SPEX35T S**	3.5	15	14 AWG	0.2	68°	48°	24°	12°
C	**SPEX48T**	4.8	20	14 AWG	0.2	94°	66°	33°	16°
C	**SPEX48T** (derated 208V perf.)	3.6	17	14 AWG	0.2	70°	49°	25°	12°
C	**SPEX48T EE**	4.8	20	14 AWG	0.2	†	†	33°	16°
C	**SPEX48T ML**	4.8	20	14 AWG	0.2	94°	66°	33°	16°
C	**SPEX48T S**	4.8	20	14 AWG	0.2	94°	66°	33°	16°
C	**SPEX55T**	5.5	23	12 AWG	0.2	107°	75°	38°	19°
C	**SPEX55T** (derated 208V perf.)	4.1	20	12 AWG	0.2	80°	56°	28°	14°
C	**SPEX55T EE**	5.5	23	12 AWG	0.2	†	†	38°	19°
C	**SPEX55T ML**	5.5	23	12 AWG	0.2	107°	75°	38°	19°
C	**SPEX55T S**	5.5	23	12 AWG	0.2	107°	75°	38°	19°
C	**SPEX65T**	6.5	27	12 AWG	0.2	†	89°	44°	22°
C	**SPEX65T** (derated 208V perf.)	4.9	24	12 AWG	0.2	96°	67°	33°	17°
C	**SPEX65T EE**	6.5	27	12 AWG	0.2	†	†	44°	22°
C	**SPEX65T ML**	6.5	27	12 AWG	0.2	†	89°	44°	22°
C	**SPEX65T S**	6.5	27	12 AWG	0.2	127°	89°	44°	22°
C	**SPEX75T**	7.5	32	10 AWG	0.2	†	102°	51°	26°
C	**SPEX75T** (derated 208V perf.)	5.6	27	10 AWG	0.2	109°	76°	38°	19°
C	**SPEX75T EE**	7.5	32	10 AWG	0.2	†	†	51°	26°
C	**SPEX75T ML**	7.5	32	10 AWG	0.2	†	102°	51°	26°
C	**SPEX75T S**	7.5	32	10 AWG	0.2	146°	102°	51°	26°
C	**SPEX95T**	9.5	40	8 AWG	0.2	†	†	65°	32°
C	**SPEX95T** (derated 208V perf.)	7.0	34	8 AWG	0.2	†	96°	48°	24°
C	**SPEX95T EE**	9.5	40	8 AWG	0.2	†	†	†	32°
C	**SPEX95T ML**	9.5	40	8 AWG	0.2	†	†	65°	32°
C	**SPEX95T S**	9.5	40	8 AWG	0.2	†	130°	65°	32°
C	**SPEX012240T**	11.5	48	8 AWG	0.2	†	†	79°	39°
C	**SPEX012240T** (derated 208V perf.)	8.7	42	8 AWG	0.2	†	†	59°	30°
C	**SPEX012240T EE**	11.5	48	8 AWG	0.2	†	†	†	39°
C	**SPEX012240T ML**	11.5	48	8 AWG	0.2	†	†	79°	39°
C	**SPEX012240T S**	11.5	48	8 AWG	0.2	†	†	79°	39°

	MODEL NUMBER	kW	AMPS	RECOM'D WIRE SIZE (75° C/CU)	TURN ON (GPM)	TEMPERATURE RISE °F 0.35 GPM	0.5 GPM	1.0 GPM	2.0 GPM
	VOLTS 208 Single Phase								
C	**SPEX3208T**	3.0	15	14 AWG	0.2	59°	41°	20°	10°
C	**SPEX3208T ML**	3.0	15	14 AWG	0.2	59°	41°	20°	10°
C	**SPEX4208T**	4.1	20	14 AWG	0.2	80°	56°	28°	14°
C	**SPEX4208T EE**	4.1	20	14 AWG	0.2	†	56°	28°	14°
C	**SPEX4208T ML**	4.1	20	14 AWG	0.2	80°	56°	28°	14°
C	**SPEX4208T S**	4.1	20	14 AWG	0.2	80°	56°	28°	14°
C	**SPEX8208T**	8.3	40	8 AWG	0.2	†	†	57°	28°
C	**SPEX8208T EE**	8.3	40	8 AWG	0.2	†	†	57°	28°
C	**SPEX8208T ML**	8.3	40	8 AWG	0.2	†	†	57°	28°
C	**SPEX8208T S**	8.3	40	8 AWG	0.2	†	113°	57°	28°
	VOLTS 277 Single Phase								
	SPEX3277T	3.0	11	14 AWG	0.2	59°	41°	20°	10°
	SPEX3277T EE	3.0	11	14 AWG	0.2	59°	41°	20°	10°
	SPEX3277T ML	3.0	11	14 AWG	0.2	59°	41°	20°	10°
	SPEX3277T S	3.0	11	14 AWG	0.2	59°	41°	20°	10°
	SPEX4277T	4.1	15	14 AWG	0.2	80°	56°	28°	14°
	SPEX4277T EE	4.1	15	14 AWG	0.2	†	56°	28°	14°
	SPEX4277T ML	4.1	15	14 AWG	0.2	80°	56°	28°	14°
	SPEX4277T S	4.1	15	14 AWG	0.2	80°	56°	28°	14°
	SPEX60T	6.0	22	12 AWG	0.2	†	82°	41°	20°
	SPEX60T EE	6.0	22	12 AWG	0.2	†	†	41°	20°
	SPEX60T ML	6.0	22	12 AWG	0.2	†	82°	41°	20°
	SPEX60T S	6.0	22	12 AWG	0.2	117°	82°	41°	20°
	SPEX80T	8.0	29	10 AWG	0.2	†	109°	55°	27°
	SPEX80T EE	8.0	29	10 AWG	0.2	†	†	55°	27°
	SPEX80T ML	8.0	29	10 AWG	0.2	†	109°	55°	27°
	SPEX80T S	8.0	29	10 AWG	0.2	†	109°	55°	27°
	SPEX90T	9.0	33	10 AWG	0.2	†	†	61°	31°
	SPEX90T EE	9.0	33	10 AWG	0.2	†	†	†	31°
	SPEX90T ML	9.0	33	10 AWG	0.2	†	†	61°	31°
	SPEX90T S	9.0	33	10 AWG	0.2	†	123°	61°	31°
	SPEX100T	10.0	36	8 AWG	0.2	†	†	68°	34°
	SPEX100T EE	10.0	36	8 AWG	0.2	†	†	†	34°
	SPEX100T ML	10.0	36	8 AWG	0.2	†	†	68°	34°
	SPEX100T S	10.0	36	8 AWG	0.2	†	137°	68°	34°

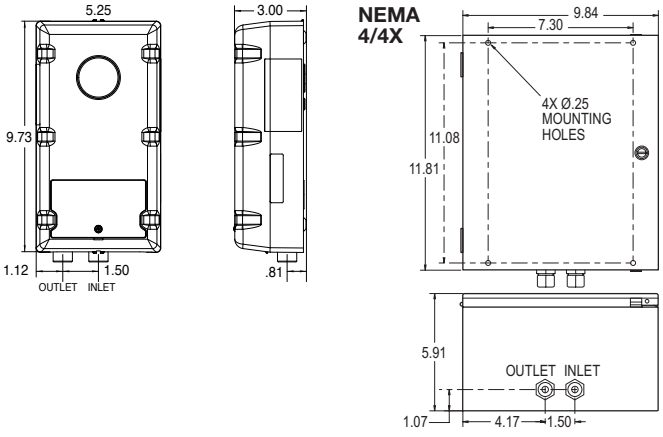
* 240V units can be used on 208V single phase with 25% reduced temperature output. Please note per UL standards the rating plate and installation instructions will all be according to a 240V applied voltage. Check with local officials prior to derating the electrical infrastructure.
† Temperature electronically limited to factory preset not to exceed temperature.
"C" indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No. 88.

Suffix Definitions

EE Meets ANSI Z358.1 tepid water requirements. Max. temperature 90°F

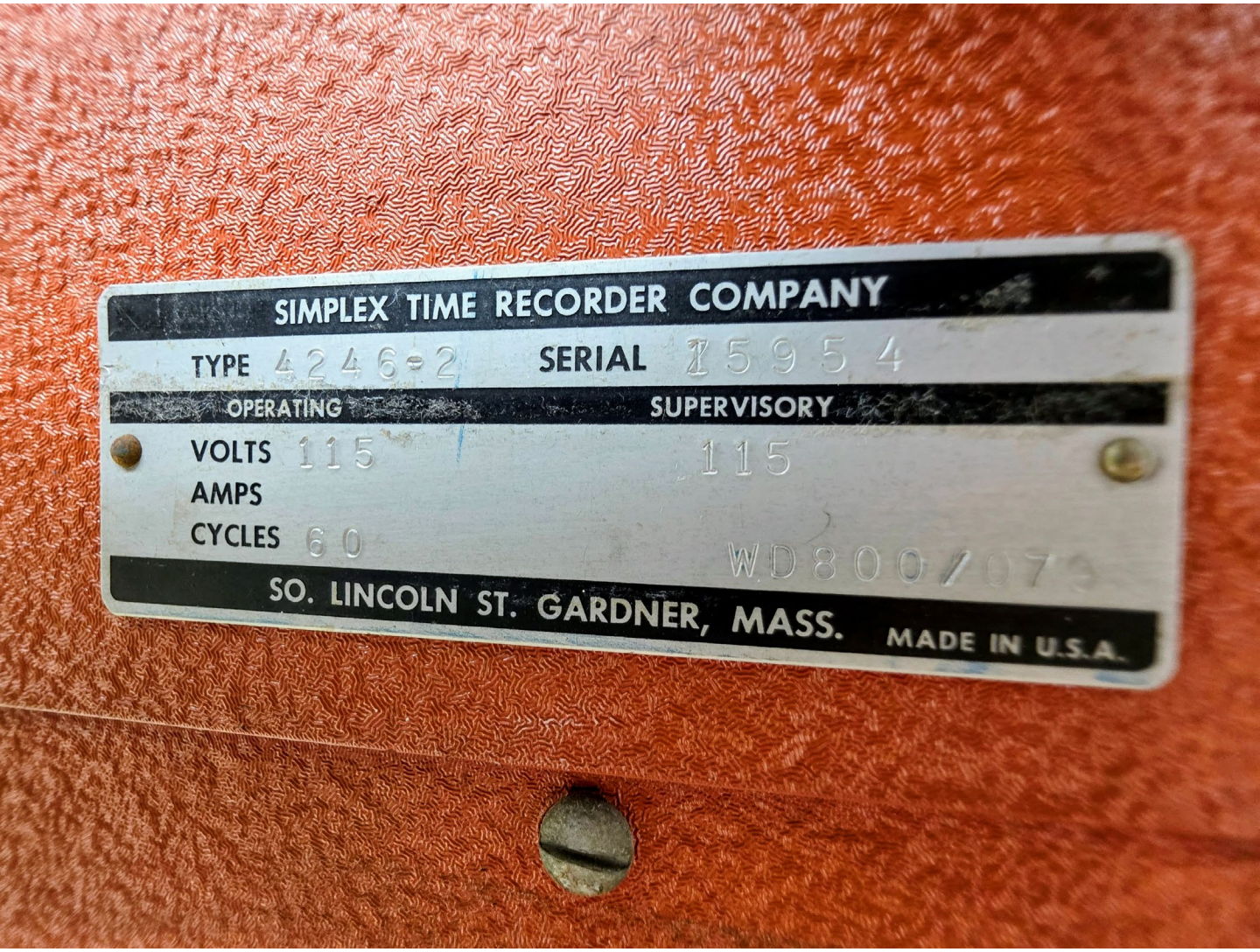
ML Multi lavs 0.2 turn on with 110° temp setting

S Sanitation not to exceed 180°



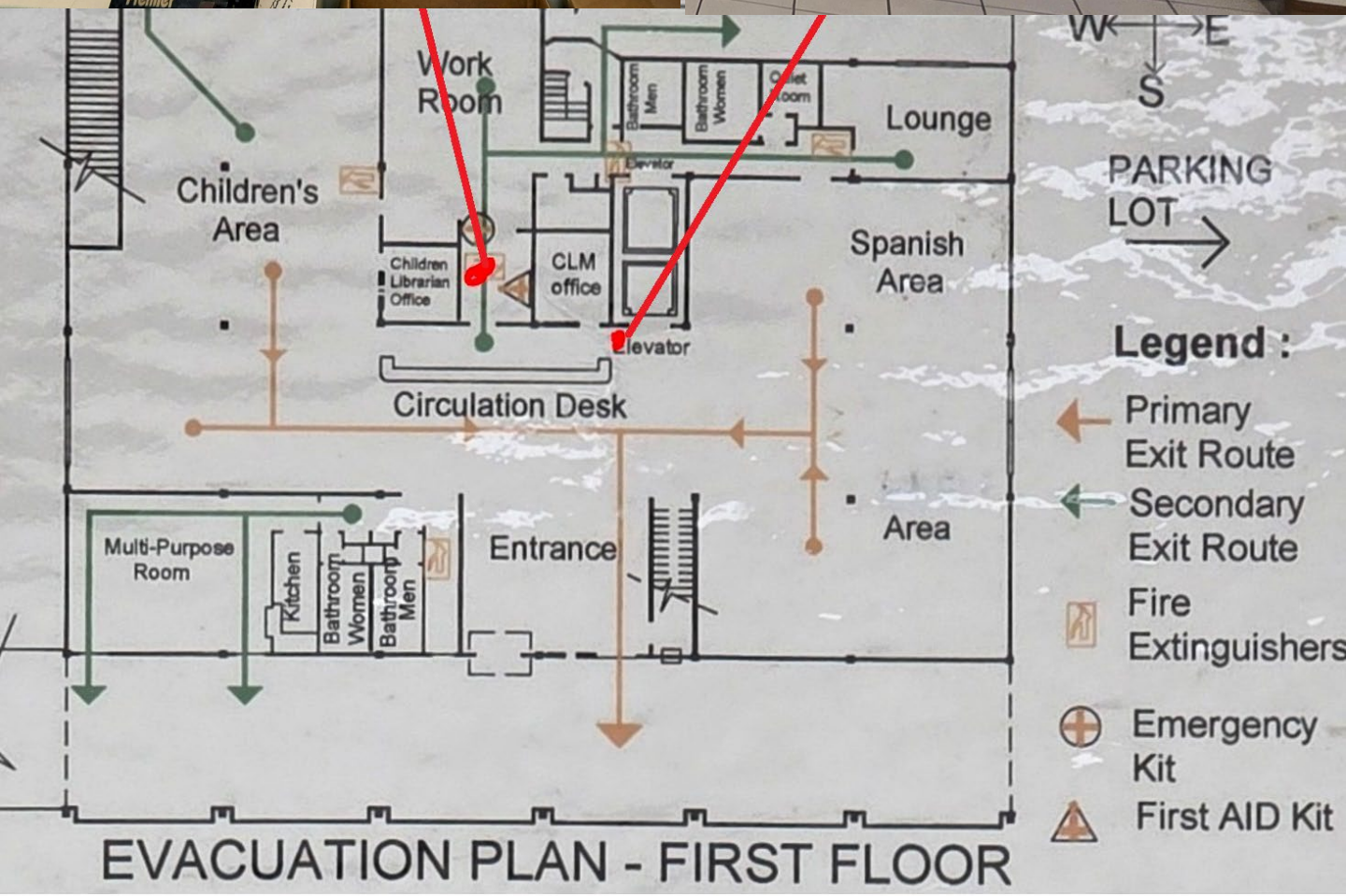
EXISTING FIRE ALARM SYSTEM

HUNTINGTON PARK LIBRARY



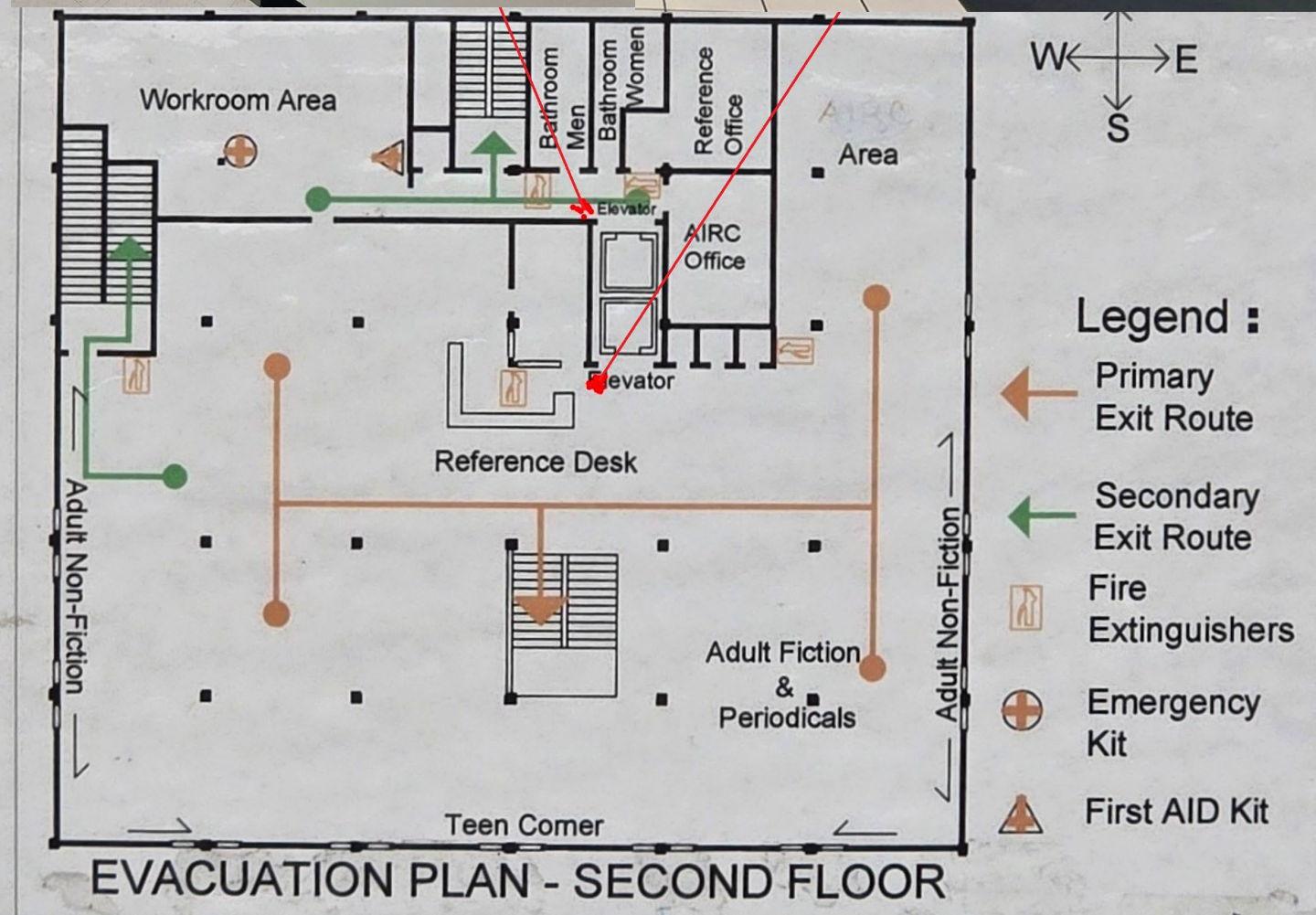

Huntington Park Library
EVACUATION PLAN - FIRST FLOOR
Huntington Park Library
EVACUATION PLAN - SECOND FLOOR
Huntington Park Library
EVACUATION PLAN - THIRD FLOOR
FIRE ALARM TROUBLE BELL
FIRE ALARM ANNUNCIATOR
FIRE ALARM TROUBLE LAMP
Premier

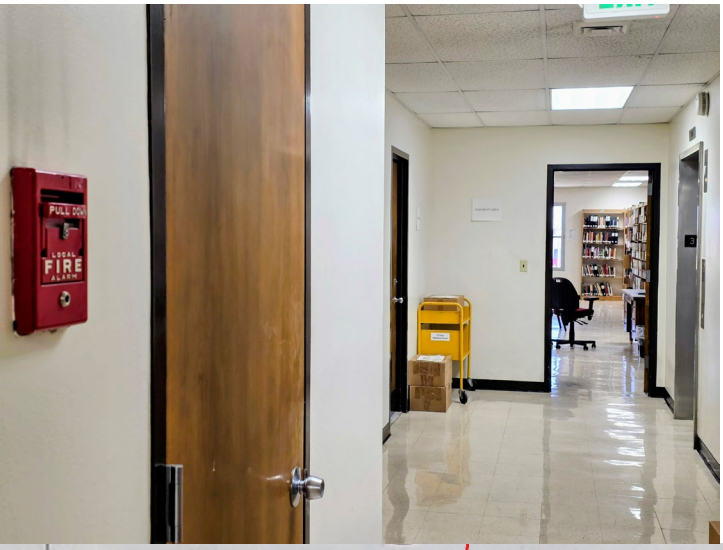

LA COUNTY LIBRARY 2023 WINNER


Work Room
Bathroom Men
Bathroom Women
Quiet Room
Lounge
Elevator
Children's Area
Children Librarian Office
CLM office
Spanish Area
Elevator
Circulation Desk
Multi-Purpose Room
Kitchen
Bathroom Women
Bathroom Men
Entrance
Area
W
E
S
PARKING LOT
Legend :
Primary Exit Route
Secondary Exit Route
Fire Extinguishers
Emergency Kit
First AID Kit
EVACUATION PLAN - FIRST FLOOR

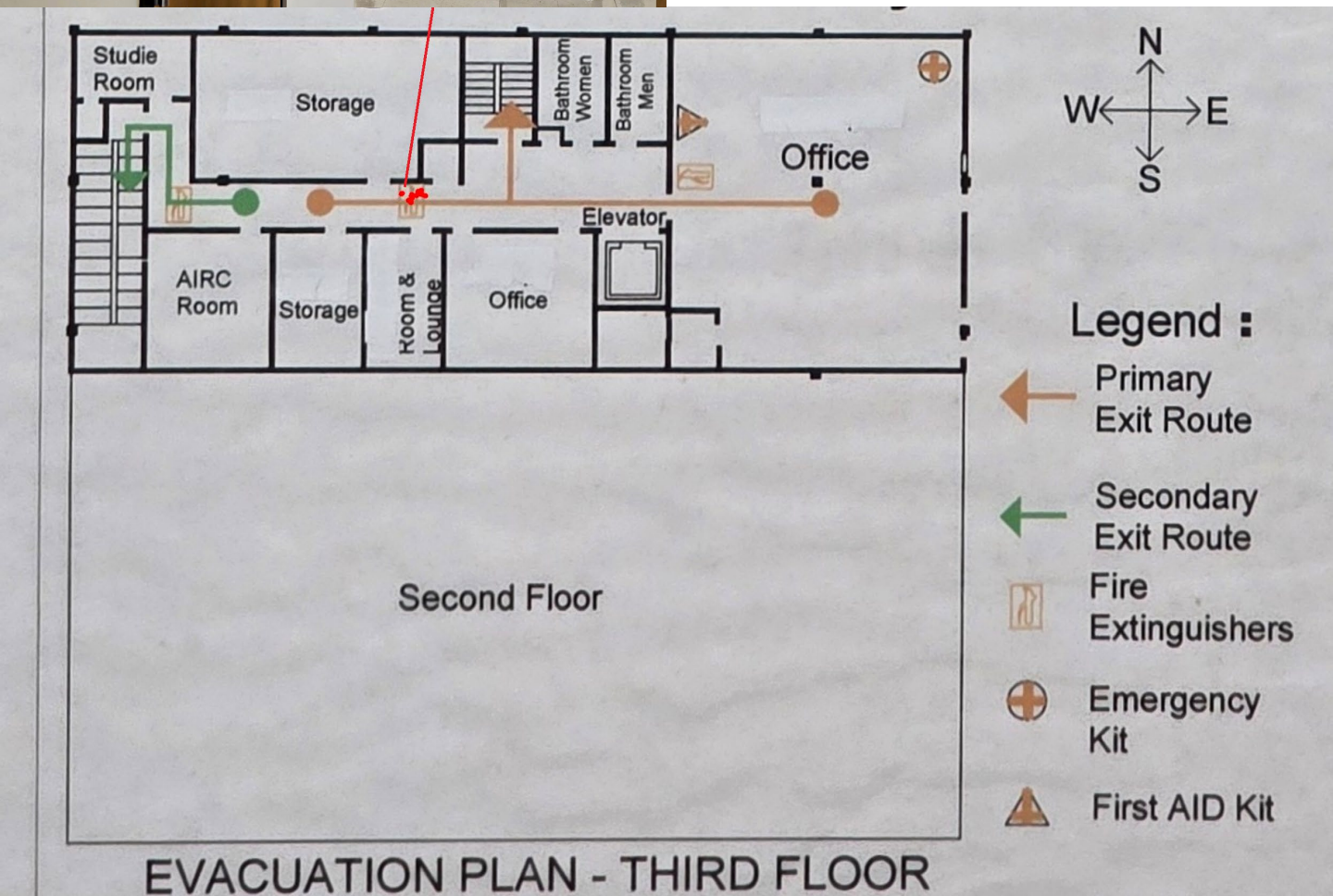

PULL DOWN
FIRE
IN CASE OF FIRE
USE STAIRWAY FOR EXIT
DO NOT USE ELEVATOR


FIRE


Workroom Area
Bathroom Men
Bathroom Women
Reference Office
Area
Elevator
AIRC Office
Elevator
Reference Desk
Adult Non-Fiction
Adult Fiction & Periodicals
Adult Non-Fiction
Teen Corner
W
E
S
Legend :
Primary Exit Route
Secondary Exit Route
Fire Extinguishers
Emergency Kit
First AID Kit
EVACUATION PLAN - SECOND FLOOR


PULL DOWN
LOCAL
FIRE
ALARM


SIMPLEX
PULL DOWN
LOCAL
FIRE
ALARM


Studie Room
Storage
Bathroom Women
Bathroom Men
Office
Elevator
AIRC Room
Storage
Room & Lounge
Office
Second Floor
N
W
E
S
Legend :
Primary Exit Route
Secondary Exit Route
Fire Extinguishers
Emergency Kit
First AID Kit
EVACUATION PLAN - THIRD FLOOR


Simplex
PRESIGNAL ALARM BELL
073 07 007 01
TROUBLE BELL
FIRE ALARM TROUBLE BELL
FIRST FLOOR NORTH
FIRST FLOOR SOUTH
SECOND FLOOR
THIRD FLOOR
L.A. COUNTY 288065
073 07 007 01
FIRE ALARM ANNUNCIATOR
NORMAL
FIRE ALARM TROUBLE LAMP
RESET
SILENT
Fire key inside!
1 Fire Alarm Annunciator Key
2 "Hexagon" Key for hand-pull alarms
3 Glass rods for hand-pull alarms

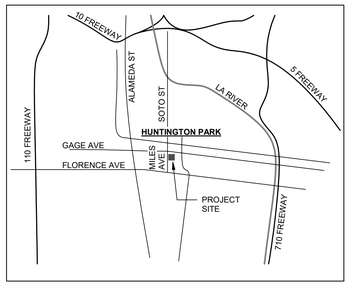
LOS ANGELES COUNTY PUBLIC WORKS

HUNTINGTON PARK LIBRARY

HUNTINGTON PARK, CA

N

VICINITY MAP
Scale: NTS



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LOCATION MAP
Scale: NTS

OWNER
LOS ANGELES COUNTY PUBLIC WORKS
900 S. FREMONT AVE
ALHAMBRA, CA 91803
-
MYRON LEE

LOS ANGELES COUNTY LIBRARY / CAPITAL PROJECTS
7400 IMPERIAL HIGHWAY
DOWNEY, CA 90242
-
GREGORY MCQUEEN

ARCHITECT
NAC ARCHITECTURE
837 NORTH SPRING STREET
LOS ANGELES, CA 90012
323.475.8075
JANICA BAKER

CIVIL ENGINEER
KPFF
700 SOUTH FLOWER STREET, SUITE 2100
LOS ANGELES, CA 90017
213.418.0201
ISHWAR DHUNGANA

STRUCTURAL ENGINEER
KPFF
700 SOUTH FLOWER STREET, SUITE 2100
LOS ANGELES, CA 90017
213.418.0201
ALDRIN ORUE

MECHANICAL ENGINEER
SALAS O'BRIEN
8825 RESEARCH DRIVE
IRVINE, CA 92618
949.753.1553
LOGAN BLOSSER

ELECTRICAL ENGINEER
SALAS O'BRIEN
8825 RESEARCH DRIVE
IRVINE, CA 92618
949.753.1553
STEVE KELNER

LV, AUDIO, SECURITY
SALAS O'BRIEN
8825 RESEARCH DRIVE
IRVINE, CA 92618
949.753.1553
ALLAN CALDERON

△5

ACOUSTICIAN
SALAS O'BRIEN
1935 NORTH MARSHALL AVENUE
EL CAJON, CA 92020
619.596.4800
VANCE BRESHEARS

PLUMBING ENGINEER
SALAS O'BRIEN
8825 RESEARCH DRIVE
IRVINE, CA 92618
949.517.4938
SCOTT THREW

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

SCOPE OF WORK
EXTERIOR ACCESSIBLE PATH OF TRAVEL ACCESS FROM THE PROPERTY LINE PUBLIC RIGHT OF WAY TO THE MAIN ENTRANCE & (E) ACCESSIBLE PARKING STALLS.

RENOVATION OF EXISTING BUILDING INTERIOR, INCLUDING ACCESSIBLE TOILET ROOMS, FLOOR FINISHES, WALL FINISHES (PAINT) AND CEILINGS, INCLUDING LIGHTING AS WELL AS LIBRARY SHELVING, CASEWORK.

SEPARATE PERMITS
GRADING: UNC-GRAD241101000548

PLUMBING: UNC-PLMB241101004631

ELECTRICAL: UNC-ELEC241101007851

MECHANICAL: UNC-MECH241101004140

DEFERRED SUBMITTALS
xxx

APPLICABLE CODES
PARTIAL LIST OF APPLICABLE CODES AS OF January 1, 2023*
COUNTY OF LOS ANGELES 2023 BUILDING CODE - LOS ANGELES COUNTY CODE TITLE 26
COUNTY OF LOS ANGELES 2023 GREEN BUILDING STANDARDS CODE - LOS ANGELES COUNTY CODE TITLE 31
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHALL FIRE REGULATIONS
TITLE 24 CCR, PART 1 - 2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE
TITLE 24 CCR, PART 2 - 2022 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC) (2018 IBC, AS AMENDED BY CA)
TITLE 24 CCR, PART 3 - 2022 CALIFORNIA ELECTRICAL CODE, (CEC) (2017 NEC, AS AMENDED BY CA)
TITLE 24 CCR, PART 4 - 2022 CALIFORNIA MECHANICAL CODE, (CMC) (2018 IAMPO UMC, AS AMENDED BY CA)
TITLE 24 CCR, PART 5 - 2022 CALIFORNIA PLUMBING CODE, (CPC) (2018 IAMPO UMC, AS AMENDED BY CA)
TITLE 24 CCR, PART 6 - 2022 CALIFORNIA ENERGY CODE
TITLE 24 CCR, PART 7 - NOT USED
TITLE 24 CCR, PART 8 - 2022 CALIFORNIA HISTORICAL CODE
TITLE 24 CCR, PART 9 - 2022 CALIFORNIA FIRE CODE, (CFC) (2018 IFC, AS AMENDED BY CA)
TITLE 24 CCR, PART 10 - 2022 CALIFORNIA EXISTING BUILDING CODE, (2018 IEBC, AS AMENDED BY CA)
TITLE 24 CCR, PART 12 - 2022 CALIFORNIA REFERENCED STANDARDS
2023 COUNTY OF LOS ANGELES BUILDING CODE (TITLE 26)
2023 COUNTY OF LOS ANGELES ELECTRICAL CODE (TITLE 27)
2023 COUNTY OF LOS ANGELES PLUMBING CODE (TITLE 28)
2023 COUNTY OF LOS ANGELES MECHANICAL CODE (TITLE 29)
2023 COUNTY OF LOS ANGELES GREEN BUILDING ST ANDARDS CODE (TITLE 31)
2023 COUNTY OF LOS ANGELES EISTING BUILDING CODE (TITLE 33)

PARTIAL LIST OF APPLICABLE STANDARDS
NFPA 72 - National Fire Alarm and Signaling Code (CA amended).....2016 Edition
NFPA 80 - Standard for Fire Doors and Other Opening Protectives.....2016 Edition
UL 464 - Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories.....2003 Edition
UL 521 - Standard for Heat Detectors for Fire Protective Signaling Systems.....1999 Edition
UL 1971 - Standard for Signaling Devices for the Hearing Impaired.....2002 (R2010)
ICC 300 - Standard for Bleachers, Folding and Telescopic Seating, and Grandstands.....2017 Edition

For a complete list of applicable NFPA standards refer to 2022 CBC (SFM) Chapter 35 and California Fire Code Chapter 80.

See California Building Code Chapter 35 for State of California amendments to the NFPA Standards.

*All parts of the 2022 California Building Code become effective January 1, 2023 except the effective date for the use of the 2019 Building Energy Efficiency Standards (Title 24, Part 1, Chapter 10) is January 8, 2019 and the effective date for the use of the California Administrative Code (Title 24, Part 1, Chapter 4) is January 8, 2019.

ADDITIVE ALTERNATES

ADDITIVE ALTERNATE NO.1
FURNITURE, FIXTURES AND EQUIPMENT (FF& E), ITEMS, INCLUDING BUT NOT LIMITED TO SHELVING UNITS, CUSTOM CASEWORK, LOOSE FURNITURE, MODULAR FURNITURE AND EQUIPMENT. REFER TO SHEETS A3.31 AND A3.32 FOR FF&E SHELVING AND EQUIPMENT SCHEDULES INDICATING ITEMS THAT ARE PART OF THIS ALTERNATE.

ADDITIVE ALTERNATE NO. 2
(E) EXTERIOR GUARDRAILS ON SOUTH SIDE OF ARCADE TO BE PAINTED BY CONTRACTOR, TYP. REFER TO EXTERIOR ELEVATION SHEET A4.01, SOUTH ELEVATION 9.

△4 INDEX OF DRAWINGS

INDEX OF DRAWINGS

INDEX OF DRAWINGS

Grand total: 160

REVISIONS
4 Add-02 8/29/25
5 Add-03 9/17/25

95% CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
JANICA ORTEGA BAKER
No. C-34809
Exp. 8-31-25
STATE OF CALIFORNIA

LOS ANGELES COUNTY PUBLIC WORKS
HUNTINGTON PARK LIBRARY
6518 MILES AVE
HUNTINGTON PARK, CA 90255

COUNTY OF LOS ANGELES CALIFORNIA

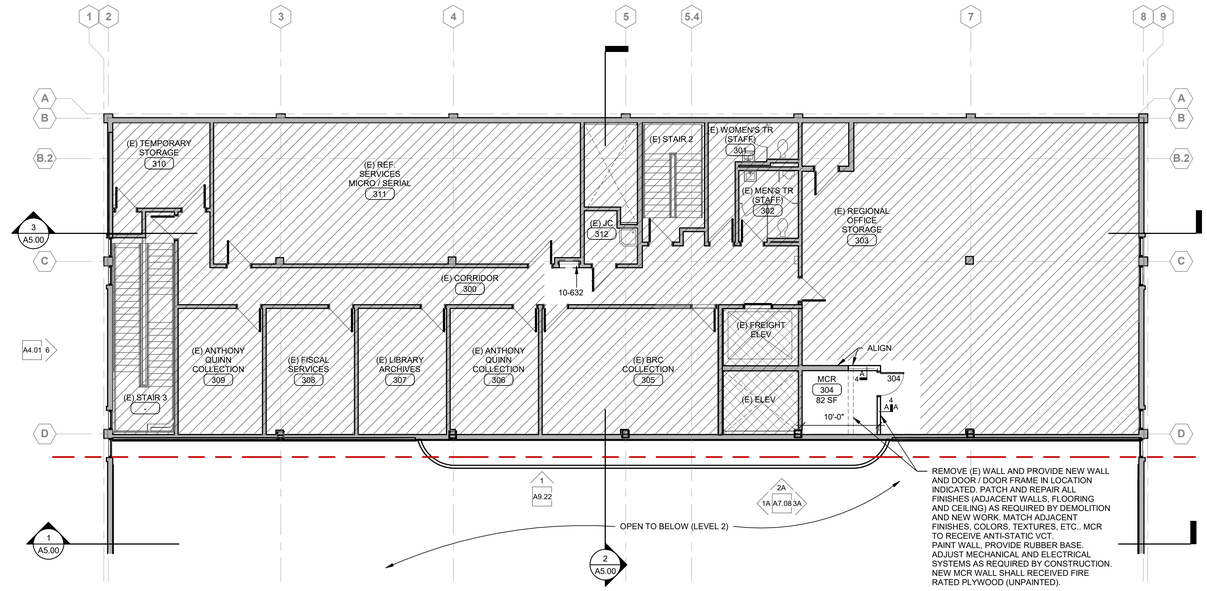
LA COUNTY LIBRARY

NAC

NAC NO	161-23025
DRAWN	LG
CHECKED	IU
DATE	11/01/2024

COVER SHEET

G0.00



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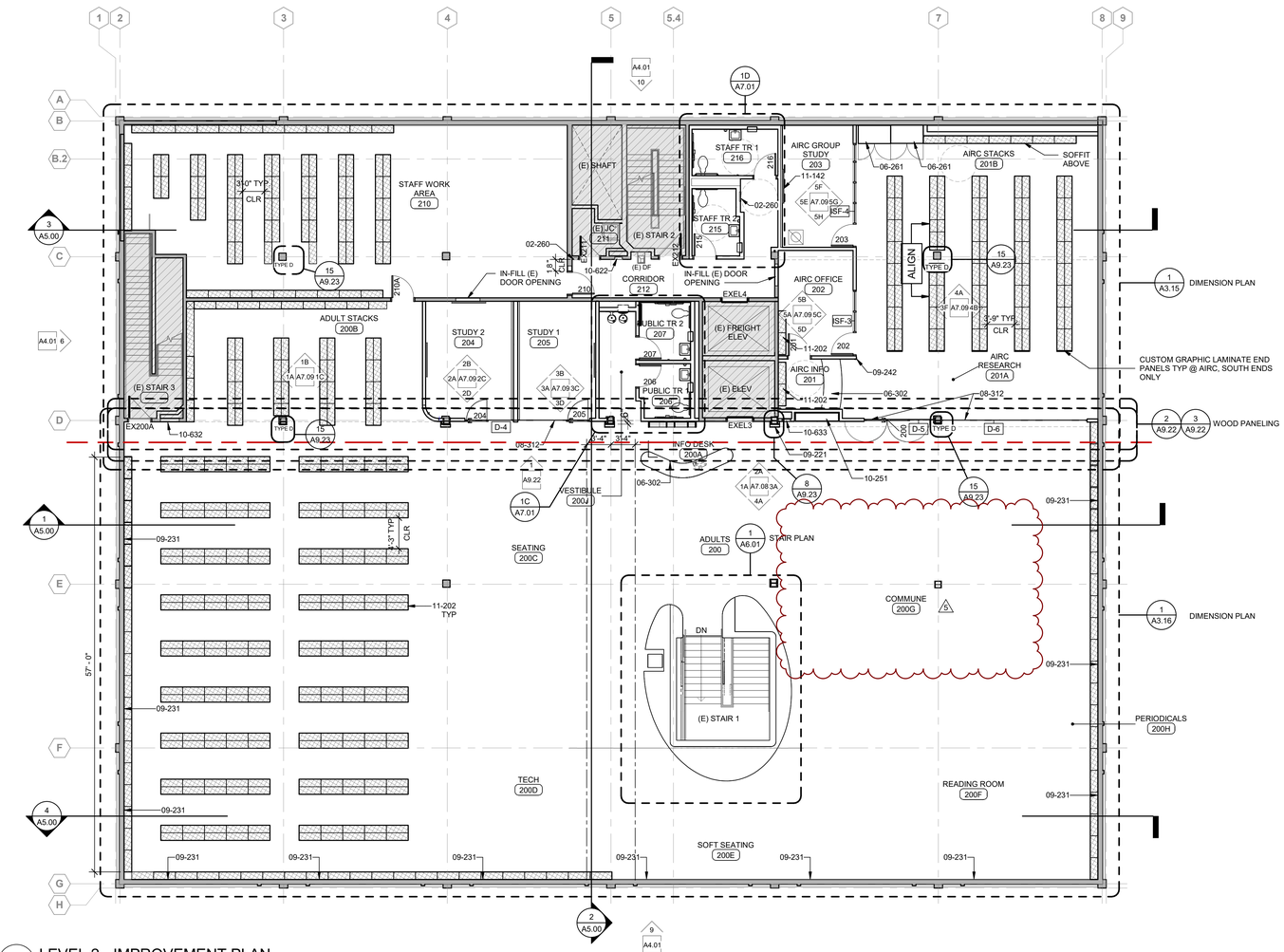
1 LEVEL 3 - IMPROVEMENT PLAN
1/8" = 1'-0"



N

2 LEVEL 2 - IMPROVEMENT PLAN
1/8" = 1'-0"

KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
02-260	ELECTRICAL PANEL
06-261	BUILT-IN FULL HEIGHT LOCKABLE CABINET FOR MICRO FICHE, refer to 4/A9.42.
06-302	INFO DESK, SILICA-FREE SOLID SURFACE WITH CUSTOM GRAPHIC LAMINATE FRONT PANEL, REFER TO CASEWORK SHEETS (A-9.5 SERIES SHEETS)
08-312	DEMOUNTABLE GLASS WALL AND DOOR SYSTEM, REFER TO STOREFRONT TYPES SHEET A8.00.
09-221	LAMINATED WOOD PANEL AND Z-CLIP OVER GYP BOARD.
09-231	1/2" ACOUSTICAL PANEL (PET FELT) WITH LARGE-SCALE CUSTOM GRAPHIC (FRICTION FIT AND ADHERED TO WALL). EACH PANEL HAS DIFFERENT GRAPHIC; GRAPHICS TO BE PROVIDED BY ARCHITECT. PROVIDE PTD METAL TRIM AT EXPOSED PERIMETER EDGE OF PANELS, ONLY WHERE NOTED IN ELEVATIONS
09-242	CORNERGUARD, PER 15/A9.25
10-251	RECESSED DISPLAY CABINET IN FRAMED OPENING WITH ANODIZED ALUMINUM FRAME, 1/4" TEMPERED GLASS SLIDING DOORS WITH LOCK, ADJUSTABLE GLASS SHELVES AND INTEGRATED LIGHT FIXTURE.PER DETAILB/A9.42
10-622	FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER, PER 16/A9.26
10-632	INFILL WALL OPENING WHERE FIRE HOSE CABINET HAS BEEN REMOVED, CAP PIPING BEHIND FINISH SURFACES
10-633	RECESSED AED CABINET PER 9/A9.26. (CABINET CFCI, EQUIPMENT OFOI)
11-142	TV DISPLAY SCREEN MOUNTED ON ADJUSTABLE ARM/BRACKET CFCI. PROVIDE WITH BACKING IN WALL PER DETAIL 15/A9.26.
11-202	METAL LIBRARY SHELVING, 82" TALL, REFER TO DETAILS SHEET S10.00

CASEWORK / SHELVING LEGEND

- LIBRARY SHELVING; 60" HIGH
- LIBRARY SHELVING; 82" HIGH
- MOVABLE SHELVING

FLOOR PLAN GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DRAWINGS, DIMENSIONS, SPECIFICATIONS AND SCHEDULES PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. NOTIFY ARCHITECT IMMEDIATELY OF ANY UNCERTAINTY OR DISCREPANCY.
2. DRAWINGS SHALL NOT BE SCALED.
3. WHERE NOTES ON THE DRAWINGS INDICATE A CONDITION AT ONE LOCATION, WHETHER INDICATED AS TYPICAL OR NOT, THE NOTE SHALL APPLY TO ALL SIMILAR LOCATIONS UNO.
4. SEE SHEET A0.01 FOR SYMBOLS, & ABBREVIATIONS, ETC.
5. SEE CODE PLAN SHEET FOR EXTENT OF RATED WALLS, CEILINGS & OPENINGS AS WELL AS CONSTRUCTION REQUIREMENTS.
6. SEE SIGNAGE PLANS FOR ALL BUILDING SIGNAGE LOCATIONS, SHEETS A3.13, A3.14.
7. SEE DIMENSION PLANS FOR ALL BUILDING DIMENSIONS, SHEETS A3.13, A3.14.
8. ALL WALLS ARE REQUIRED TO BE FULL HEIGHT TO UNDERSIDE OF STRUCTURAL DECK ABOVE, UNO. SEE WALL ASSEMBLIES NOTES ON A3.00 FOR ADDITIONAL INFORMATION.
9. REFER TO ENLARGED PLANS FOR NOTES, DOOR CLEARANCES AND INTERIOR ELEVATION TAGS, UNO. SEE ALSO DOOR/RELITE SCHEDULE AND FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
10. PROVIDE SOLID BACKING AT ALL CASEWORK AT TOP AND BOTTOM OF UPPERS AND AT TOP OF COUNTERS AND LOWER CABINETS. ALSO PROVIDE BACKING IN WALLS FOR WALL MOUNTED/SUPPORTED ITEMS INCLUDING SHORT THROW PROJECTORS, SHELVES, MARKER BOARDS, VIDEO DISPLAY SCREEN, ETC.
11. COORDINATE WITH ELECTRICAL AND STRUCTURAL FOR LOCATION OF FLOOR OUTLETS. INSTALL PER ELECTRICAL/STRUCTURAL REQUIREMENTS AND PER DETAILS.
12. TYPICAL INTERIOR WALL ASSEMBLY IS TYPE A/4/A. THE TYPICAL INTERIOR WALL ASSEMBLY IS NOT FLAGGED FOR CLARITY. NON-TYPICAL ASSEMBLIES ARE CALLED OUT.
13. THE EXISTING FIRE ALARM SYSTEM IS TO REMAIN AND TO BE MAINTAINED / PROTECTED IN PLACE. FIELD DEVICES SHALL BE RELOCATED AS REQUIRED BY THE NEW WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR SYSTEM TO PASS FINAL TESTING.
14. REFER TO A9.40 - 42 AND A9.50 SERIES FOR ENLARGED CASEWORK PLANS AND DETAILS.
15. MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25, AND A SMOKE DEVELOPED INDEX NOT TO EXCEED 50. (MC 602.2) CONCEALED BUILDING SPACES OR INDEPENDENT CONSTRUCTION WITHIN BUILDINGS SHALL BE PERMITTED TO BE USED AS DUCT OR PLENUMS. GYPSUM BOARD SHALL NOT BE USED FOR POSITIVE PRESSURE DUCTS. IN HEALTH CARE FACILITIES, CONCEALED SPACES SHALL NOT BE PERMITTED AS DUCTS OR PLENUMS. (MC 602.1)
16. PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS MUST BE FIRE STOPPED WITH AN APPROVED MATERIAL IN ACCORDANCE WITH SECTION 714.4. SPACE BETWEEN PENETRATING MATERIALS (DESCRIBED BELOW) MUST BE DESIGNED TO PREVENT THE MOVEMENT OF HOT FLAME OR GASES:
    a. STEEL, COPPER OR FERROUS PIPES OR CONDUITS MAY PENETRATE CONCRETE OR MASONRY WALLS WHERE THE PENETRATING ITEM IS A MAXIMUM 6-INCH DIAMETER AND THE AREA OF THE OPENING THROUGH THE WALL DOES NOT EXCEED 144 SQUARE INCHES. (714.4.1)
    b. MEMBRANE PENETRATIONS OF MAXIMUM 2-HR. FIRE-RESISTANCE RATED WALL AND PARTITIONS BY STEEL ELECTRICAL OUTLET BOXES NOT EXCEEDING 16 SQUARE INCHES ARE PERMITTED PROVIDED OPENINGS DO NOT EXCEED 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF WALL AREA. OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES. (714.4.2)
    c. WHERE WALLS ARE PENETRATED BY OTHER MATERIALS OR WHERE LARGER OPENINGS ARE REQUIRED THAN PERMITTED IN (B) ABOVE, THEY MUST BE QUALIFIED BY TESTS CONDUCTED IN ACCORDANCE WITH SECTION 714.4.1.2.
17. FIRE BLOCKING MUST BE PROVIDED IN ACCORDANCE WITH SECTION 718.2 AT THE FOLLOWING LOCATIONS:
    a. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR LEVELS.
    b. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AT 10-FOOT INTERVALS ALONG THE LENGTH OF THE WALL.
    c. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS AND COVE CEILINGS.
    d. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN AND BETWEEN STUDS ALONG AND IN LINE WITH THE RUN OF STAIRS IF THE WALL UNDER THE STAIRS IS UNFINISHED.
    e. IN OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS, FIREPLACES, AND SIMILAR OPENINGS WHICH AFFORD A PASSAGE FOR FIRE AT CEILING AND FLOOR LEVELS, WITH NONCOMBUSTIBLE MATERIALS.
18. EGRESS DOORS OR GATES SHALL BE OPERABLE FROM EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT. DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 TO 48 IN. ABOVE THE FINISHED FLOOR. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. (1010.2)
19. DETAIL THE FLOOR OR LANDING ON EACH SIDE OF DOORS IS NOT MORE THAN 1/2-IN LOWER THAN THE THRESHOLD OF THE DOORWAY. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES GREATER THAN 1/4-IN. AT DOORWAYS SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN ONE UNIT VERTICAL IN TWO UNITS HORIZONTAL (50% SLOPE). (1010.1.6)

REVISIONS

2	Post-Plan Check Changes	7/31/25
5	Add-03	9/17/25

95% CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT — STEVEN ORTEGA — No. C-34809 Exp. 8-31-25 — STATE OF CALIFORNIA

LOS ANGELES COUNTY PUBLIC WORKS

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COUNTY OF LOS ANGELES CALIFORNIA

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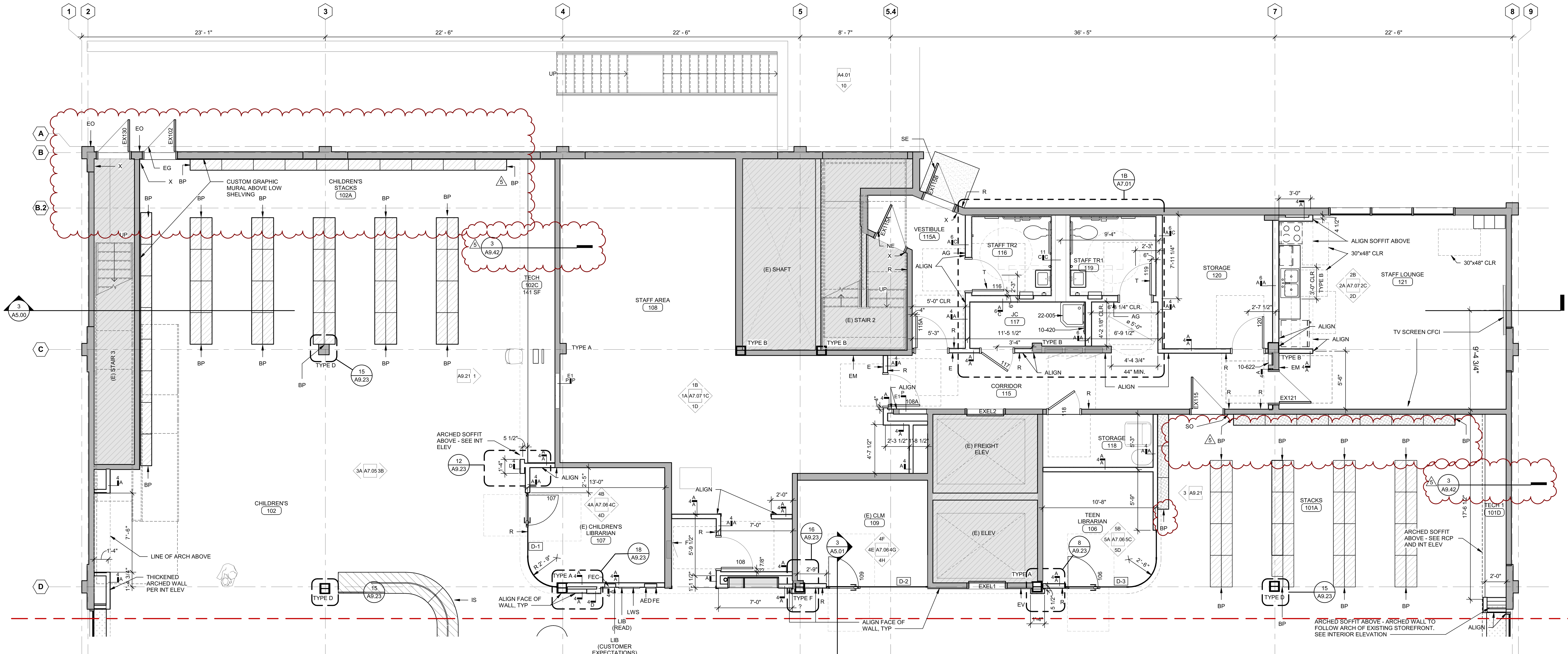
DRAWN	Author
CHECKED	Checker
DATE	11/01/2024

SECOND & THIRD IMPROVEMENT PLAN

A3.12

Attachment 9



1 LEVEL 1 - DIMENSION & SIGNAGE PLAN - AREA A
1/4" = 1'-0"

SIGNAGE LEGEND (ALL MAY NOT BE USED)

AG	ALL GENDER TOILET WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
A	ACCESSIBLE SIGNAGE, SEE 4/A9.31
BD	BOOK/MEDIA DROP, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION e.D
BP	BOOK STACK END PANELS, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-U
CS	CUSTOMER SERVICE, BY OWNER
E	EXIT ROUTE SIGNAGE, SEE 10/A9.31 AND 11/A9.31
EO	EXIT ONLY SEE, 13/A9.31
EG	EXIT DOOR GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-L
EM	EXIT MAP
EV	EVACUATION SIGNAGE, SEE 10/A9.31
F	FACP INSIDE SIGNAGE
FE	FIRE EXTINGUISHER, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-N.N
IS	IDENTITY SIGN : NEW ARRIVALS , SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-C
L	ASSISTIVE LISTENING DEVICE SIGNAGE, SEE 7/A9.31
LWS	LARGE WALL SIGN, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-F.F
M	MEN'S TOILET WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
MG	MEN'S TOILET WALL GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q
NE	NOT AN EXIT, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q.Q
R	ROOM SIGNAGE, SEE 5/A9.31
RA	RESTROOM ACCESS SIGN, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-L.L
RD	RESTROOM DIRECTIONAL, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-E
RP	RESTROOM PLAQUE, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-N
T	TOILET DOOR SIGNAGE, SEE 6/A9.31 AND 8/A9.31
W	WOMEN'S WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
WC	WINDOW GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION e.C
WG	WOMEN'S TOILET WALL GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q
X	EXIT SIGN SIGNAGE, SEE 9/A9.31, 10/A9.31 AND 11/A9.31
O	MAXIMUM OCCUPANCY SIGNAGE, SEE 3/A9.31
S	EXIT STAIR DOWN SIGNAGE 9/A9.31
SE	STAFF ENTRANCE, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-P.P
SO	STAFF ONLY SIGNAGE, SEE 14/A9.31
SP	SMOKING PROHIBITIONS 12/A9.31

NOTE:

1. PROVIDE LIBRARY SPECIFIC SIGNAGE PER THE LIBRARY'S SIGNAGE STANDARDS MANUAL
   - a. AREA WALL SIGNAGE (DIMENSIONAL LETTERS)
     - i. CHILDRENS AREA
     - ii. TEENS AREA
     - iii. AIRC
     - iv. ADULT
     - v. COMMUNE
     - vi. READING ROOM
     - vii. TECH
     - viii. CUSTOMER SERVICE (BOTH FLOORS)
   - b. ROOM WALL SIGNAGE (DIMENSIONAL LETTERS)
     - i. THE STUDIO
     - ii. COMMUNITY MEETING ROOM (INTERIOR + EXTERIOR)
   - c. SHELF TOP SIGNAGE
     - i. RETURNS
     - ii. NEW ARRIVALS
     - iii. CHECK OUT (ALL KIOSKS)
     - iv. COPIES (ALL COPIERS)
     - v. MEDIA ZONE
     - vi. LARGE PRINT
     - vii. MAGAZINES/NEWSPAPERS
     - viii. FICTION
     - viiii. NONFCTION
   - d. DIRECTIONAL SIGNS
     - i. RESTROOMS (ALL LOCATIONS)
   - e. DOOR + WINDOW GRAPHICS

2. REFER TO SIGNAGE STANDARDS MANUAL FOR ANY SIGNAGE NOT DETAILED.

DIMENSIONAL PLAN GENERAL NOTES

1. ALL DIMENSIONS ARE TAKEN FROM FACE OF EXISTING WALL, CENTERLINE OF NEW STUD WALLS, OR FACE OF STUD ON EXTERIOR WALLS, UNO.
2. REFER TO OVERALL PLANS FOR STOREFRONT TAGS.

REVISIONS

2	Post-Plan Check Changes	7/31/25
5	Add-03	9/17/25

95% CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT LETICIA ORTEGA OCHOA No. C-34809 Exp. 8-31-25 STATE OF CALIFORNIA

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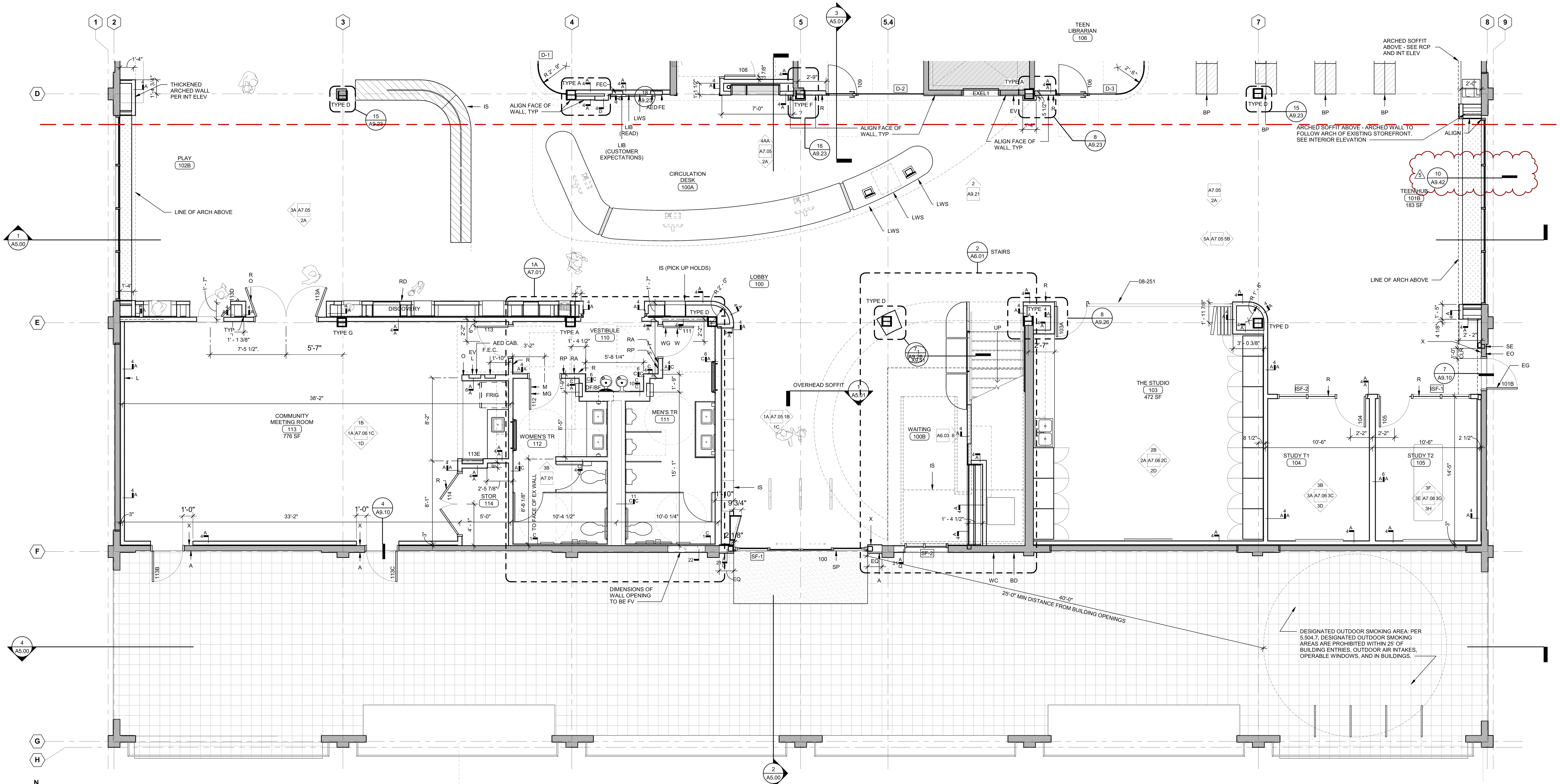
CHECKED	Checker
DATE	11/01/2024

FIRST FLOOR DIMENSION AND SIGNAGE PLAN - AREA A

A3.13

Attachment 10



1 LEVEL 1 - DIMENSION & SIGNAGE PLAN - AREA B

1/4" = 1'-0"

SIGNAGE LEGEND (ALL MAY NOT BE USED)

AG	ALL GENDER TOILET WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
A	ACCESSIBLE SIGNAGE, SEE 4/A9.31
BD	BOOK/MEDIA DROP, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION e.D
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EM	EXIT MAP
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F	FACP INSIDE SIGNAGE
FE	FIRE EXTINGUISHER, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-N.N
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LWS	LARGE WALL SIGN, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-F.F
M	MEN'S TOILET WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
MG	MEN'S TOILET WALL GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q
NE	NOT AN EXIT, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q.Q
R	ROOM SIGNAGE, SEE 5/A9.31
RA	RESTROOM ACCESS SIGN, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-L.L
RD	RESTROOM DIRECTIONAL, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-E
RP	RESTROOM PLAQUE, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-N
T	TOILET DOOR SIGNAGE, SEE 6/A9.31 AND 8/A9.31
W	WOMEN'S WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
WC	WINDOW GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION e.C
WG	WOMEN'S TOILET WALL GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q
X	EXIT SIGN SIGNAGE, SEE 9/A9.31, 10/A9.31 AND 11/A9.31
O	MAXIMUM OCCUPANCY SIGNAGE, SEE 3/A9.31
S	EXIT STAIR DOWN SIGNAGE 9/A9.31
SE	STAFF ENTRANCE, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-P.P
SO	STAFF ONLY SIGNAGE, SEE 14/A9.31
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     - iv. ADULT
     - v. COMMUNE
     - vi. READING ROOM
     - vii. TECH
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     - i. THE STUDIO
     - ii. COMMUNITY MEETING ROOM (INTERIOR + EXTERIOR)
   - c. SHELF TOP SIGNAGE
     - i. RETURNS
     - ii. NEW ARRIVALS
     - iii. CHECK OUT (ALL KIOSKS)
     - iv. COPIES (ALL COPIERS)
     - v. MEDIA ZONE
     - vi. LARGE PRINT
     - vii. MAGAZINES/NEWSPAPERS
     - viii. FICTION
     - viiii. NONFCTION
   - d. DIRECTIONAL SIGNS
     - i. RESTROOMS (ALL LOCATIONS)
   - e. DOOR + WINDOW GRAPHICS

2. REFER TO SIGNAGE STANDARDS MANUAL FOR ANY SIGNAGE NOT DETAILED.

DIMENSIONAL PLAN GENERAL NOTES

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2. REFER TO OVERALL PLANS FOR STOREFRONT TAGS.

REVISIONS

2 Post-Plan Check Changes 7/31/25
5 Add-03 9/17/25

95% CONSTRUCTION DOCUMENTS

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

LOS ANGELES COUNTY PUBLIC WORKS
HUNTINGTON PARK LIBRARY
6518 MILES AVE
HUNTINGTON PARK, CA 90255

LA COUNTY LIBRARY

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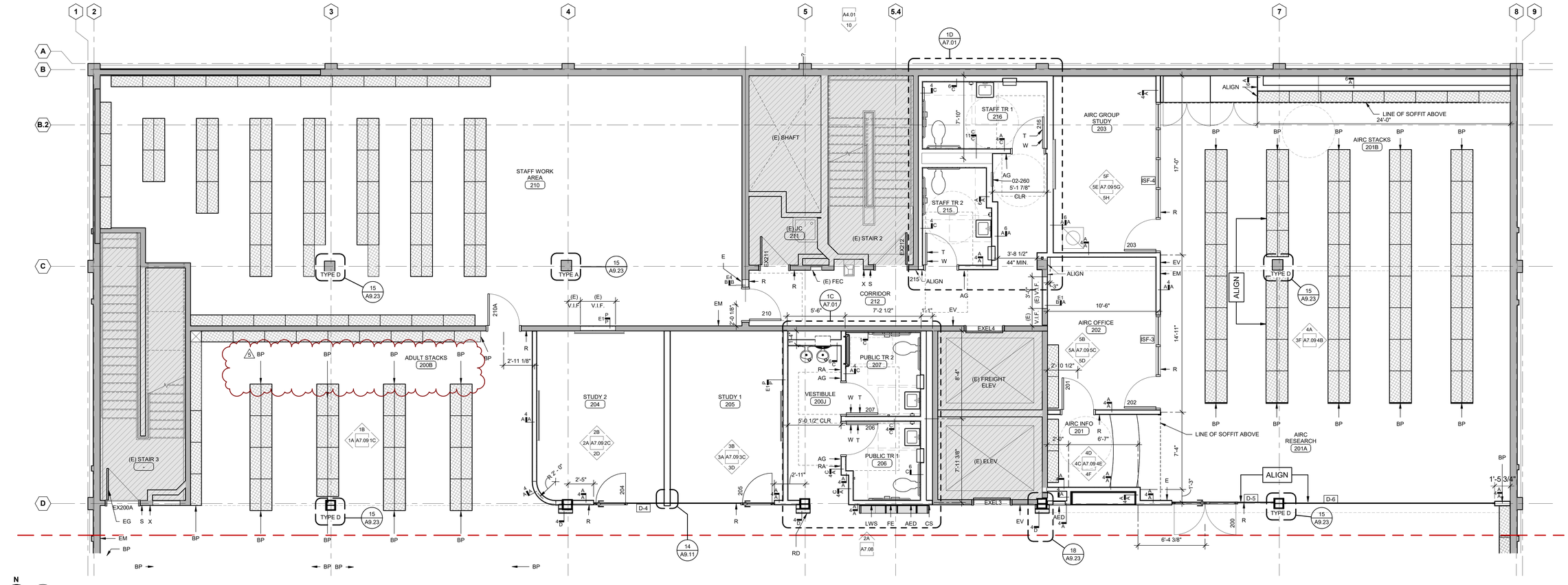
DRAWN	Author
CHECKED	Checker
DATE	11/01/2024

FIRST FLOOR DIMENSION AND SIGNAGE PLAN - AREA B

A3.14

Attachment 11



N

1 LEVEL 2 - DIMENSION & SIGNAGE PLAN - AREA A

1/4" = 1'-0"

SIGNAGE LEGEND (ALL MAY NOT BE USED)

AG	ALL GENDER TOILET WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
A	ACCESSIBLE SIGNAGE, SEE 4/A9.31
BD	BOOKMEDIA DROP, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION e.D
BP	BOOK STACK END PANELS, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-U
CS	CUSTOMER SERVICE, BY OWNER
E	EXIT ROUTE SIGNAGE, SEE 10/A9.31 AND 11/A9.31
EO	EXIT ONLY SEE, 13/A9.31
EG	EXIT DOOR GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-L
EM	EXIT MAP
EV	EVACUATION SIGNAGE, SEE 10/A9.31
F	FACP INSIDE SIGNAGE
FE	FIRE EXTINGUISHER, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-N.N
IS	IDENTITY SIGN : NEW ARRIVALS , SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-C
L	ASSISTIVE LISTENING DEVICE SIGNAGE, SEE 7/A9.31
LWS	LARGE WALL SIGN, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-F.F
M	MEN'S TOILET WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
MG	MEN'S TOILET WALL GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q
NE	NOT AN EXIT, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q.Q
R	ROOM SIGNAGE, SEE 5/A9.31
RA	RESTROOM ACCESS SIGN, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-L L
RD	RESTROOM DIRECTIONAL, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-E
RP	RESTROOM PLAQUE, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-N
T	TOILET DOOR SIGNAGE, SEE 6/A9.31 AND 8/A9.31
W	WOMEN'S WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
WC	WINDOW GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION e.C
WG	WOMEN'S TOILET WALL GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q
X	EXIT SIGN SIGNAGE, SEE 9/A9.31, 10/A9.31 AND 11/A9.31
O	MAXIMUM OCCUPANCY SIGNAGE, SEE 3/A9.31
S	EXIT STAIR DOWN SIGNAGE 9/A9.31
SE	STAFF ENTRANCE, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-P.P
SO	STAFF ONLY SIGNAGE, SEE 14/A9.31
SP	SMOKING PROHIBITIONS 12/A9.31

NOTE:

1. PROVIDE LIBRARY SPECIFIC SIGNAGE PER THE LIBRARY'S SIGNAGE STANDARDS MANUAL
   - a. AREA WALL SIGNAGE (DIMENSIONAL LETTERS)
     - i. CHILDRENS AREA
     - ii. TEENS AREA
     - iii. AIRC
     - iv. ADULT
     - v. COMMUNE
     - vi. READING ROOM
     - vii. TECH
     - viii. CUSTOMER SERVICE (BOTH FLOORS)
   - b. ROOM WALL SIGNAGE (DIMENSIONAL LETTERS)
     - i. THE STUDIO
     - ii. COMMUNITY MEETING ROOM (INTERIOR + EXTERIOR)
   - c. SHELF TOP SIGNAGE
     - i. RETURNS
     - ii. NEW ARRIVALS
     - iii. CHECK OUT (ALL KIOSKS)
     - iv. COPIES (ALL COPIERS)
     - v. MEDIA ZONE
     - vi. LARGE PRINT
     - vii. MAGAZINES/NEWSPAPERS
     - viii. FICTION
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   - d. DIRECTIONAL SIGNS
     - i. RESTROOMS (ALL LOCATIONS)
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REVISIONS

2	Post-Plan Check Changes	7/31/25
5	Add-03	9/17/25

95% CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT
VICTOR ORTEGA JR.
No. C-34809
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COUNTY OF LOS ANGELES CALIFORNIA

LA COUNTY LIBRARY

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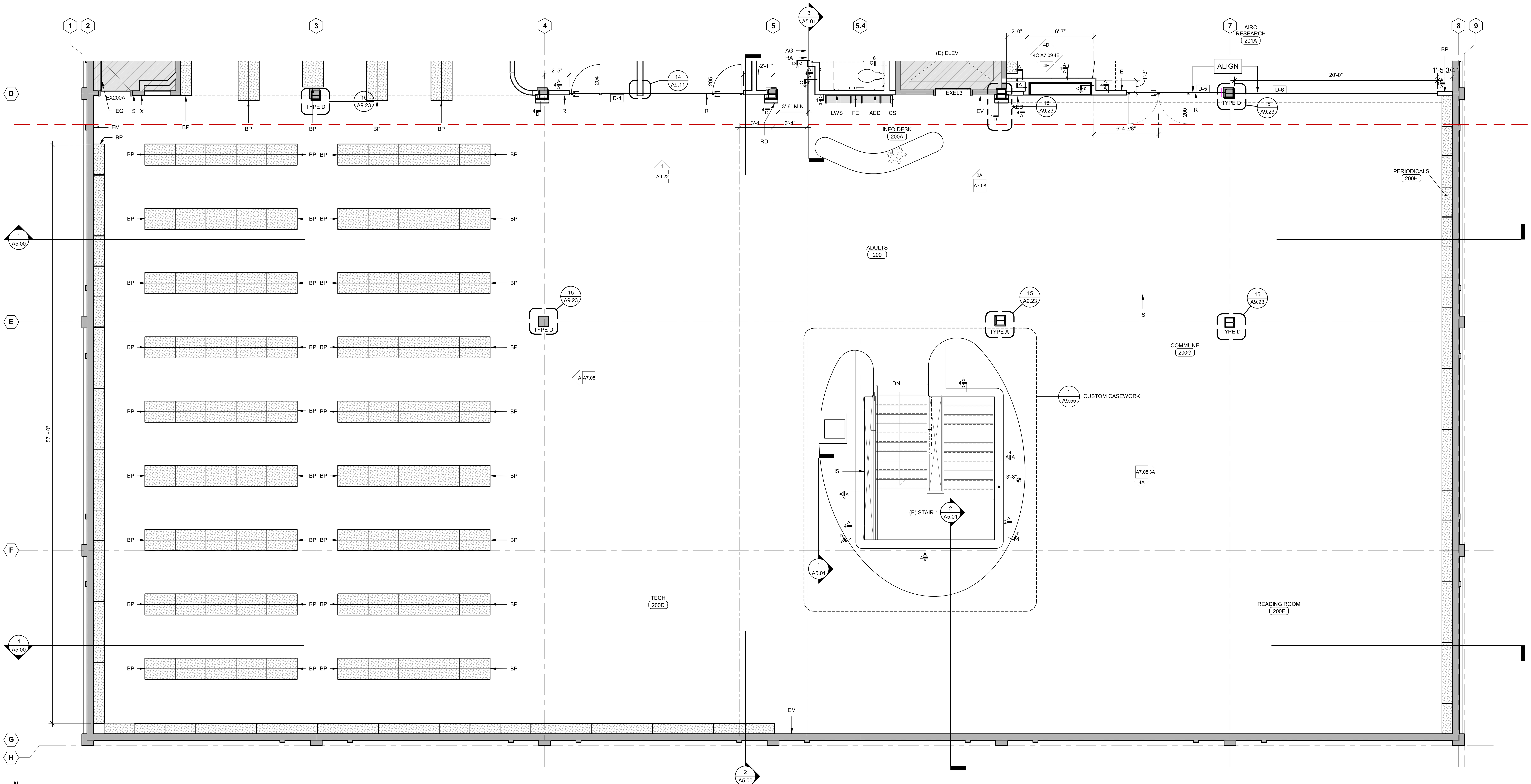
NAC NO	161-23025
DRAWN	Author
CHECKED	Checker
DATE	11/01/2024

SECOND FLOOR DIMENSION AND SIGNAGE PLAN - AREA A

A3.15



1 LEVEL 2 - DIMENSION & SIGNAGE PLAN - AREA B
1/4" = 1'-0"

SIGNAGE LEGEND (ALL MAY NOT BE USED)

(Revision 5)

AG	ALL GENDER TOILET WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
A	ACCESSIBLE SIGNAGE, SEE 4/A9.31
BD	BOOK/MEDIA DROP, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION e.D
BP	BOOK STACK END PANELS, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-U
CS	CUSTOMER SERVICE, BY OWNER
E	EXIT ROUTE SIGNAGE, SEE 10/A9.31 AND 11/A9.31
EO	EXIT ONLY SEE, 13/A9.31
EG	EXIT DOOR GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-L
EM	EXIT MAP
EV	EVACUATION SIGNAGE, SEE 10/A9.31
F	FACP INSIDE SIGNAGE
FE	FIRE EXTINGUISHER, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-N.N
IS	IDENTITY SIGN : NEW ARRIVALS , SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-C
L	ASSISTIVE LISTENING DEVICE SIGNAGE, SEE 7/A9.31
LWS	LARGE WALL SIGN, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-F.F
M	MEN'S TOILET WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
MG	MEN'S TOILET WALL GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q
NE	NOT AN EXIT, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q.Q
R	ROOM SIGNAGE, SEE 5/A9.31
RA	RESTROOM ACCESS SIGN, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-L.L
RD	RESTROOM DIRECTIONAL, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-E
RP	RESTROOM PLAQUE, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-N
T	TOILET DOOR SIGNAGE, SEE 6/A9.31 AND 8/A9.31
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O	MAXIMUM OCCUPANCY SIGNAGE, SEE 3/A9.31
S	EXIT STAIR DOWN SIGNAGE 9/A9.31
SE	STAFF ENTRANCE, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-P.P
SO	STAFF ONLY SIGNAGE, SEE 14/A9.31
SP	SMOKING PROHIBITIONS 12/A9.31

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     - iii. AIRC
     - iv. ADULT
     - v. COMMUNE
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     - vii. TECH
     - viii. CUSTOMER SERVICE (BOTH FLOORS)
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     - ii. COMMUNITY MEETING ROOM (INTERIOR + EXTERIOR)
   - c. SHELF TOP SIGNAGE
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     - ii. NEW ARRIVALS
     - iii. CHECK OUT (ALL KIOSKS)
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REVISIONS

2	Post-Plan Check Changes	7/31/25
5	Add-03	9/17/25

95% CONSTRUCTION DOCUMENTS

LICENSED ARCHITECT LETICIA ORTEGA OCHOA No. C-34809 Exp. 8-31-25 STATE OF CALIFORNIA

LOS ANGELES COUNTY PUBLIC WORKS
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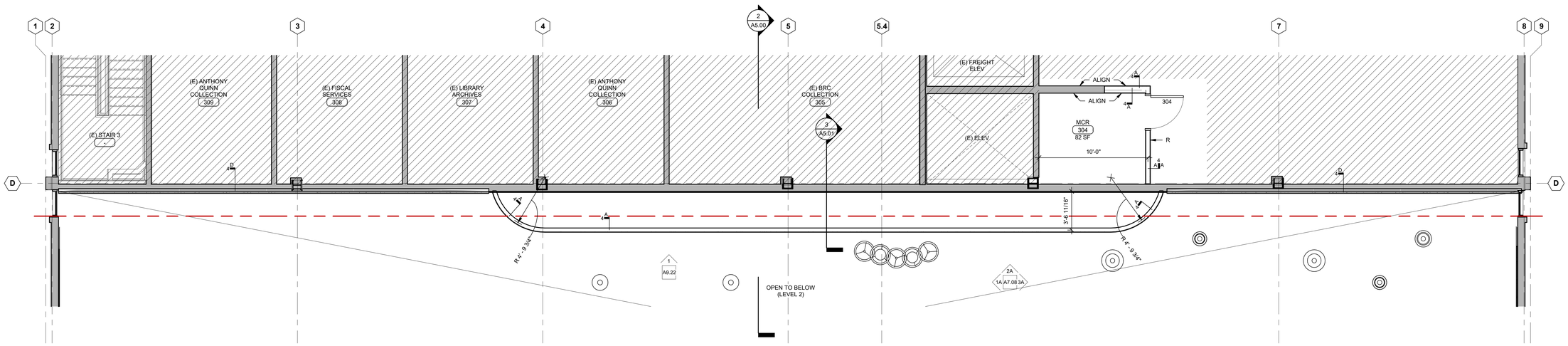
6518 MILES AVE
HUNTINGTON PARK, CA 90255

NAC NO	161-23025
DRAWN	Author
CHECKED	Checker
DATE	11/01/2024

SECOND FLOOR DIMENSION AND SIGNAGE PLAN - AREA B



N

1 LEVEL 3 - DIMENSION AND SIGNAGE PLAN - AREA B

1/4" = 1'-0"

SIGNAGE LEGEND (ALL MAY NOT BE USED)

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LWS	LARGE WALL SIGN, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-F.F
M	MEN'S TOILET WALL SIGNAGE, SEE 6/A9.31 AND 8/A9.31
MG	MEN'S TOILET WALL GRAPHIC, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q
NE	NOT AN EXIT, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-Q.Q
R	ROOM SIGNAGE, SEE 5/A9.31
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O	MAXIMUM OCCUPANCY SIGNAGE, SEE 3/A9.31
S	EXIT STAIR DOWN SIGNAGE 9/A9.31
SE	STAFF ENTRANCE, SEE LA COUNTY SIGNAGE DESIGN MANUAL, SECTION i-P.P
SO	STAFF ONLY SIGNAGE, SEE 14/A9.31
SP	SMOKING PROHIBITIONS 12/A9.31

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     - ii. COMMUNITY MEETING ROOM (INTERIOR + EXTERIOR)
   - c. SHELF TOP SIGNAGE
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     - ii. NEW ARRIVALS
     - iii. CHECK OUT (ALL KIOSKS)
     - iv. COPIES (ALL COPIERS)
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     - vi. LARGE PRINT
     - vii. MAGAZINES/NEWSPAPERS
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   - d. DIRECTIONAL SIGNS
     - i. RESTROOMS (ALL LOCATIONS)
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REVISIONS

5 Add-03 9/17/25

95% CONSTRUCTION DOCUMENTS

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NAC

NAC NO	161-23025
DRAWN	Author
CHECKED	Checker
DATE	11/01/2024

THIRD FLOOR DIMENSION AND SIGNAGE PLAN - AREA B

A3.17

Attachment 14

MATERIAL LEGEND					
CODE	DESCRIPTION	MANUFACTURER	PRODUCT	COLOR	REMARKS
1.0 CARPET					
CPT1	CARPET TILE	INTERFACE	COME AND GO TILE 1'7 3/4" x1'7 3/4"	108424 TURQUOISE	
CPT2	CARPET TILE	INTERFACE	BROOME STREET TILE 1'7 3/4" x1'7 3/4"	106215 TEAL GLASS	
CPT3	CARPET TILE	INTERFACE	OPEN AIR 404 TILE 1'7 3/4" x1'7 3/4"	106751 GRANITE	
CPT4	CARPET TILE	INTERFACE	OPEN AIR 403 TILE 1'7 3/4" x1'7 3/4"	106733 GRANITE	
CPT5	CARPET TILE	INTERFACE	OPEN AIR 402 STRIA TILE 1'7 3/4" x1'7 3/4"	103237 GRANITE	
CPT6	CARPET TILE	INTERFACE	OPEN AIR 410 STRIA TILE 1'7 3/4" x1'7 3/4"	103249 GRANITE	
CPT7	CARPET TILE	INTETRACE	OPEN AIR 407 TILE 1'7 3/4" x1'7 3/4"	106945 GRANITE	
CPT8	CARPET TILE	INTERFACE	WOVEN GARDE COLLECTION 100 TILE 1'7 3/4" x1'7 3/4"	108061 NAVY	
CPT9	CARPET TILE	INTERFACE	WOVEN GARDE COLLECTION 200 TILE 1'7 3/4" x1'7 3/4"	107669 VOLACNIC NAVY	
CPT10	CARPET TILE	INTERFACE	WOVEN GARDE COLLECTION 200 TILE 1'7 3/4" x1'7 3/4"	107661 VOLCANIC ONYX	
CPT11	CARPET TILE	INTERFACE	WOVEN GARDE COLLECTION 200 TILE 1'7 3/4" x1'7 3/4"	107662 ONYX UMBER	
CPT12	CARPET TILE	INTERFACE	WOVEN GARDE COLLECTION 100 TILE 1'7 3/4" x1'7 3/4"	108052 UMBER	
CPT13	CARPET TILE	INTERFACE	BROOME STREET TILE 1'7 3/4" x1'7 3/4"	106212 YELLOW GLASS	
CPT14	CARPET TILE	INTERFACE	BROOME STREET TILE 1'7 3/4" x1'7 3/4"	106215 TEAL GLASS	
CPT15	CARPET TILE	INTERFACE	OPEN AIR 403 STRIA TILE 1'7 3/4" x1'7 3/4"	103261 GRANITE	
CPT16	CARPET TILE	INTERFACE	OPEN AIR 403 TILE 1'7 3/4" x1'7 3/4"	107698 NAVY	
EM	CARPET TILE	INTERFACE	STEP REPEAT SR899 TILE 1'7 3/4" x1'7 3/4"	104638 SMOKE	
2.0 RESILIENT FLOORING					
RFT1	RUBBER TILE	INTERFACE NORAMENT	926 SATURA	5115 HERCULES	
RFT2	RUBBER TILE	INTERFACE NORAMENT	926 SATURA	5124 AQUILA	
RFT3	LUXURY VINYL TILE	INTERFACE NORAMENT	SCORPIO 4.5MM	A01713 PEBBLE	
RFT4	LUXURY VINYL TILE	INTERFACE NORAMENT	SCORPIO 4.5MM	A01701 YELLOW	
RFT5	LUXURY VINYL TILE	INTERFACE NORAMENT	SCORPIO 4.5MM	A01718 SLATE	
RFT6	RUBBER TILE	INTERFACE NORAMENT	926 PADO	5505 CONCRETE	
RFT7	LUXURY VINYL TILE	INTERFACE NORAMENT	STUDIO SET 4.5MM	A00706 MUSHROOM	
RFT8	LUXURY VINYL TILE	INTERFACE NORAMENT	STUDIO SET 4.5MM	A00712 MARIGOLD	
RFT9	KINETEX	JJ FLOORING	NETWORK MODULAR 1842- 12"X48"	2855 ENCRYPTION	
RFT10	RUBBER TILE	INTERFACE NORAMENT	926 SATURA	5111 CASTOR	
RFT11	RUBBER TILE	INTERFACE NORAMENT	926 SATURA	5123 VENUS	
RFT12	KINETEX	JJ FLOORING	STRATA PLANK 1826- 12" X 48"	1846 JASPER	
RFT13	RUBBER TILE	INTERFACE NORAMENT TREAD HAMMERED	HAMMERED STAIRTREAD	0882 PLATINUM GREY	
3.0 CERAMIC TILE					
CT1	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 3" X 6" GLOSSY	X114 DESERT GRAY	
CT2	CERAMIC TILE	DALTILE	COLOR WHEEL COLLECTION CLASSIC 3" X 6" GLOSSY	1049 OCEAN BLUE RECTANGLE	
CT3	CERAMIC TILE	DALTILE	COLOR WHEEL COLLECTION CLASSIC 3" X 6" GLOSSY	1469 GALAXY	
CT4	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 3" X 6" GLOSSY	1012 MUSTARD RECTANGLE	
CT5	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 3" X 6" GLOSSY	DH50 SUNFLOWER RECTANGLE	
CT6	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 4" X 4" GLOSSY	X114 DESERT GRAY	
CT7	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 4" X 4" GLOSSY	DH50 SUNFLOWER SQUARE	
CT8	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 4" X 4" GLOSSY	1049 OCEAN BLUE SQUARE	
CT9	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 4" X 4" GLOSSY	1097 ORANGE BURST	
CT10	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 4" X 4" GLOSSY	1012 MUSTARD SQUARE	
CT11	QUARRY TILE	DALTILE	COLOR WHEEL LINEAR 4" X 4" GLOSSY	0141 GARDEN SPOT	
CT12	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 4" X 4" GLOSSY	1098 KEY LIME SQAURE	
CT13	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 4" X 12" GLOSSY	0190 ARCTIC WHITE RECTANGLE	
CT14	CERAMIC TILE	DALTILE	COLOR WHEEL LINEAR 4" X 4" GLOSSY	0148 SPA	
CT15	CERAMIC BASE TILE	DALTILE	COLOR WHEEL LINEAR 3" X 6" GLOSSY	X114 DESERT GRAY	
CT16	CERAMIC BASE TILE	DALTILE	COLOR WHEEL LINEAR 4" X 4" GLOSSY	X114 DESERT GRAY	
CT17	CERAMIC FLOOR TILE	DALTILE	VOLUME 1 COLLECTION 12" X 12" MATTE	VL73 STEREO GREY SQUARE	
4.0 RUBBER BASE AND ACCESSORIES					
RB1	RUBBER BASE		PINNACLE RUBBER BASE 4"	TBD	
5.0 WALLCOVERING					
FRP1	WALLCOVERING-FRP	MARLITE	STANDARD SERIES	P-440N BISCUIT CLASS-C	
WC1	WALLCOVERING	WOLF GORDON	INTERTWINE RAMPART RESOLVE COLLECTION	SPRING ITW 5896	
WC2	WALLCOVERING	CARNEIGE	XOREL SERIES	6427 METEOR 2004	
6.0 PAINTS AND COATINGS					
PT1	PAINT	DUNN EDWARDS PAINTS	LRV 83	DEW381 DROPLETS	
PT2	PAINT	DUNN EDWARDS PAINTS	LRV 82	DE6106 PALE WHEAT	
PT3	PAINT	DUNN EDWARDS PAINTS	LRV 59	DE5348 CORN HARVEST	
PT4	PAINT	DUNN EDWARDS PAINTS	LRV 78	DE5721 AIR OF MINT	
PT5	PAINT	SCUFFMASTER	SCRUBTOUGH MAX	ST11266M	
PT6	PAINT	SCUFFMASTER	SCRUBTOUGH MAX	TBD	
PT10	PAINT	MATCH WITH EXISTING	MATCH WITH EXISTING	MATCH WITH EXISTING	
PT11	PAINT	MATCH WITH EXISTING	MATCH WITH EXISTING	MATCH WITH EXISTING	
7.0 PLASTIC LAMINATE					
PL1	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE	HANDSPUN CHESTNUT 5036-38- FINE VELEVT FINISH	
PL2	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE	MATTE FINISH-1500-60-GREY	
PL3	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE	KENSINGTON MAPLE- 10776- MATTE FINISH	
PL4	PLASTIC LAMINATE	WINLSONART	ON DEMAND	5053 FROSTED TABBY	
PL5	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE	DESIGNER WHITE-MATTE	
PL6	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE	KENSINGTON MAPLE- 10776- MATTE FINISH	
PL7	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE	KENSINGTON MAPLE- 10776- MATTE FINISH	
PL8	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE	KENSINGTON MAPLE- 10776- MATTE FINISH	
PL9	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE	Y0346-60 QUINCE-MATTE	
PL10	PLASTIC LAMINATE	FORMICA	STANDARD LAMINATE	GLASS CLOTH 8638-58	
PL12	PLASTIC LAMINATE	TBD	LAMINATE PRINTED WITH CUSTOM GRAPHIC	CUSTOM GRAPHIC BY ARCHITECT	
8.0 COUNTERTOPS					
SS1	SOLID SURFACE	WILSONART	SOLID SURFACE	9204CE MORNING ICE	
SS2	SOLID SURFACE	DURAT	SOLID SURFACE - CLEAR SMALL SPECKLES	D0730 LIGHT GREY	
SS3	SOLID SURFACE	DURAT	SOLID SURFACE - CLEAR SMALL SPECKLES	D0660 DARK BEIGE	
SS4	SOLID SURFACE	WILSONART	SOLID SURFACE	9204CE MORNING ICE	
SS5	SOLID SURFACE	WILSONART	SOLID SURFACE	OATMEAL- 9101GS	
SS6	SOLID SURFACE	DURAT	SOLID SURFACE - CLEAR SMALL SPECKLES	DU-S-310-2-YELLOW	
9.0 MISCELLANEOUS					
AF1	ACOUSTICAL WALL PANEL	ARKTURA	SOFTSCREEN STELLAR	WHITE- MATCHES TO PAINT PT1	
AF2	ACOUSTICAL WALL PANEL	ARMSTRONG	TECTUM	NATURAL	
GR1	GRAPHICS	AUTEX ACOUSTICS	CUBE ACOUSTIC PANEL	VARIES - REFER TO REMARKS	EACH GRAPHIC PANEL HAS A UNIQUE DESIGN PATTERN USING VARIES COLORS: GR1a - HIGHLAND / GR1b - ACROS / GR1c - CANYON / GR1d - SENADO / GR1e - OPERA / GR1f - FALLING WATER
ML1	METAL SHELVES	ESTEY	METAL PANEL	SOFT WHITE- S085	
TS1	TACKABLE SURFACE	TBD	TBD	TBD	
UP1	UPHOLSTERY	CARNEGIE	MOTO	6084-11	
UP2	UPHOLSTERY	CARNEGIE	MOTO	6084-11	
UP3	UPHOLSTERY	CARNEGIE	MOTO	6084-11	
WP1	PARKLEX WOOD PANEL	PARKLEX PRODEMA	NATURHARDPANEL-W	COUNTRY OAK	

ROOM FINISH SCHEDULE																					
ROOM NUMBER	NAME	FLOOR			BASE		NORTH WALL			EAST WALL			SOUTH WALL			WEST WALL			CODED NOTES	Level	ROOM NUMBER
		MAT	FIN	CLR	FIN	CLR	MATL	FIN	CLR	MATL	FIN	CLR	MATL	FIN	CLR	MATL	FIN	CLR			
100	LOBBY	CONC	RFT	1/2	RB	1	-	-	-	-	-	-	CONC	PT	1	GYP	PT	1		LEVEL 1	100
100A	CIRCULATION DESK	CONC	RFT	1/3	RB	1	GYP	WP/PT	1/2	-	-	-	-	-	-	-	-	-		LEVEL 1	100A
100B	WAITING	CONC	RFT	1	RB	1	-	-	-	GYP	PT	3	CONC	PT	1	-	-	-		LEVEL 1	100B
101	TEENS	CONC	CPT	5	RB	1	GYP/GLZ	PT	1	CONC	PT	1	GYP/GLZ	PT	1	-	-	-		LEVEL 1	101
101A	STACKS	CONC	CPT	5	RB	1	GYP	PT	1	GYP	PT	1/2	-	-	-	GYP	PT	1		LEVEL 1	101A
101B	TEEN HUB	CONC	CPT	2	RB	1	-	-	-	GYP/CONC	PT	1	-	-	-	-	-	-		LEVEL 1	101B
101D	TECH 1	CONC	CPT	5	RB	1	GYP	PT	1	GYP/CONC	PT	2	GYP	PT	1	-	-	-		LEVEL 1	101D
102	CHILDREN'S	CONC	CPT	1/3/4	RB	1	-	-	-	-	-	-	GYP	PT/WC/TS	1/2/1	GYP/CONC	PT	1/2		LEVEL 1	102
102A	CHILDREN'S STACKS	CONC	CPT	3/4	RB	1	GYP/CONC	PT/GR	1/1	-	-	-	-	-	-	GYP	PT/GR	1/1		LEVEL 1	102A
102B	PLAY	CONC	CPT	2	RB	1	GYP	PT	1	-	-	-	GYP	PT	1	GYP/CONC	PT	1		LEVEL 1	102B
102C	TECH	CONC	CPT	4	RB	1	GYP/CONC	PT	1	GYP	PT	2	GYP	PT	1	-	-	-		LEVEL 1	102C
103	THE STUDIO	CONC	RFT	7	RB	1	GYP	PT	1	GYP	AF	2	GYP	PT	1	GYP	AF	2		LEVEL 1	103
104	STUDY T1	CONC	CPT	7	RB	1	GYP	PT	2	GYP	PT	2	CONC	PT	2	GYP	PT	2		LEVEL 1	104
105	STUDY T2	CONC	CPT	7	RB	1	GYP	PT	2	CON	PT	2	CONC	PT	2	GYP	PT	2		LEVEL 1	105
106	TEEN LIBRARIAN	CONC	CPT	8	RB	1	GYP	PT	2	GYP/GLZ	PT	2	GYP/GLZ	PT	2	CONC	PT	2		LEVEL 1	106
107	(E) CHILDREN'S LIBRARIAN	CONC	CPT	8	RB	1	GYP/MB	PT	2	GYP	PT	2	GYP/GLZ	PT	2	GYP/GLZ	PT	2		LEVEL 1	107
108	STAFF AREA	CONC	RFT	3/4	RB	1	CONC	PT	2	GYP	PT	2	GYP	PT	2	GYP	PT	2		LEVEL 1	108
109	(E) CLM	CONC	CPT	8	RB	1	GYP	PT	2	CONC	PT	2	GYP/GLZ	PT	2	GYP	PT	2		LEVEL 1	109
110	VESTIBULE	CONC	RFT	9	RB	1	GYP	PT	1	GYP	PT	1	GYP	PT/CT	1/6	GYP	PT	1		LEVEL 1	110
111	MEN'S TR	CONC	CT	17	CT	15	GYP	CT	1	GYP	CT	1	GYP	CT	1/4/5	GYP	CT	1	4	LEVEL 1	111
112	WOMEN'S TR	GYP	CT	17	CT	15	GYP	CT	1	GYP	CT	1	GYP	CT	1	GYP	CT	1/2/3	4	LEVEL 1	112
113	COMMUNITY MEETING ROOM	CONC	RFT	7/8	RB	1	GYP	PT	1	GYP	PT/CT	2/13	CONC	PT	1	CONC	PT	1		LEVEL 1	113
114	STOR	CONC	RFT	7	RB	1	GYP	PT	1	GYP	PT	1	CONC	PT	1	GYP	PT	1		LEVEL 1	114
115	CORRIDOR	CONC	RFT	3/4	RB	1	GYP	PT	2	CONC	PT	2	GYP/CONC	PT	2	GYP	PT	2		LEVEL 1	115
115A	VESTIBULE	CONC	RFT	3	RB	1	CONC	PT	1	GYP	PT	1	GYP	PT	1	GYP/CONC	PT	1		LEVEL 1	115A
116	STAFF TR2	CONC	CT	17	CT	16	GYP	CT	6/7/12	GYP	CT	6/7/12	GYP	CT	6	GYP	CT	6	4	LEVEL 1	116
117	JC	CONC	CT	17	-	-	GYP	FRP/PT	1/2	GYP	FRP/PT	1/2	GYP	FRP/PT	1/2	GYP	FRP/PT	1/2	4	LEVEL 1	117
118	STORAGE	CONC	RFT	3	RB	1	GYP	PT	2	GYP	PT	2	GYP	PT	2	GYP	PT	2		LEVEL 1	118
119	STAFF TR1	CONC	CT	17	CT	16	CONC	CT	6/10/14	GYP	CT	6	GYP	CT	6	GYP	CT	6/10/14		LEVEL 1	119
120	STORAGE	CONC	RFT	3	RB	1	CONC			GYP										LEVEL 1	120
121	STAFF LOUNGE	CONC	RFT	3/4/5	RB	1	CONC	PT	2	CON	PT	2	GYP	PT	2	GYP	PT	2/13		LEVEL 1	121
125	(E) ARCADE	CONC	E	E	E	E	CONC	PT	10/11	-	-	-	CONC	PT	10	-	-	-		LEVEL 1	125
200	ADULTS	CONC	CPT																	LEVEL 2	200
200A	INFO DESK	CONC	RFT/CPT	12/12	RB	1	GYP/CONC	PT/AF	1/1	-	-	-	-	-	-	-	-	-		LEVEL 2	200A
200B	ADULT STACKS	CONC	CPT	8	RB	1	GYP	PT	1	GLZ	-	-				GYP	PT	1		LEVEL 2	200B
200C	SEATING	CONC	CPT	10/11/12	RB	1	GYP/DGS	PT/WP	1/1	-	-	-	-	-	-	-	-	-		LEVEL 2	200C
200D	TECH	CONC	CPT	9/10/11/12/13	RB	1	-	-	-	-	-	-	CONC	PT	1	-	-	-		LEVEL 2	200D
200E	SOFT SEATING	CONC	CPT	12	RB	1	-	-	-	-	-	-	CONC	PT/GR	1/1	-	-	-		LEVEL 2	200E
200F	READING ROOM	CONC	CPT	9/10/11/12/13	RB	1	-	-	-	-	-	-	CONC	PT/GR	1/1	-	-	-		LEVEL 2	200F
200G	COMMUNE	CONC	CPT	8/14	RB	1	GYP/GLZ	PT/WP	1/1	-	-	-	-	-	-	-	-	-		LEVEL 2	200G
200H	PERIODICALS	CONNC	CPT	8	RB	1	-	-	-	CONC	PT/AF	1/1	-	-		-	-	-		LEVEL 2	200H
200J	VESTIBULE	CONC	RFT	11	RB	1	GYP	CT		GYP	PT	1				GYP	PT	1		LEVEL 2	200J
201	AIRC INFO	CONC	CPT	8	RB	1	GYP	PT	3	-	-	-	GYP/CONC	PT	3	GYP	PT	3		LEVEL 2	201
201A	AIRC RESEARCH	CONC	CPT	8	RB	1				CON	PT	1	GYP/GLZ	PT	1	GYP/GLZ	PT	1		LEVEL 2	201A
201B	AIRC STACKS	CONC	CPT	8	RB	1	GYP	PT	1	CON	PT	1				GYP/GLZ	PT	1		LEVEL 2	201B
202	AIRC OFFICE	CONC	CPT	16	RB	1	GYP	PT	2	GYP/GLZ	PT	2	GYP	PT	2	GYP	PT	2		LEVEL 2	202
203	AIRC GROUP STUDY	CONC	CPT	16	RB	1	CONC	PT	2	GYP/GLZ	PT	2	GYP	PT	2	GYP	PT	2		LEVEL 2	203
204	STUDY 2	CONC	CPT	15	RB	1	GYP	PT	2	GYP/GLZ	PT	2	GYP/GLZ	PT/WP	2/1	GYP/GLZ	PT	1		LEVEL 2	204
205	STUDY 1	CONC	CPT	15	RB	1	GYP	PT	1	GYP/GLZ	PT	1	GYP	PT/WP/DGS	1	GYP	PT	1		LEVEL 2	205
206	PUBLIC TR 1	CONC	CT	17	CT	16	GYP	CT	6/10/14	GYP	CT	6	GYP	CT	6	GYP	CT	6/10/14	4	LEVEL 2	206
207	PUBLIC TR 2	CONC	CT	17	CT	16	GYP	CT	6/7/12	GYP	CT	6	GYP	CT	6	GYP	CT	6/7/12	4	LEVEL 2	207
210	STAFF WORK AREA	CONC	RFT	3/4	RB	1	CONC	PT	2	CON/GYP	PT	2	GYP	PT	2	GYP	PT	2		LEVEL 2	210
212	CORRIDOR	CONC	RFT	3/4/5	RB	1	GYP	PT	2	GYP	PT	2	GYP	PT	2	GYP	PT	2		LEVEL 2	212
215	STAFF TR 2	CONC	CT	17	CT	16	GYP	CT	6/8/14	GYP	CT	6/8/14	GYP	CT	6	GYP	CT	6	4	LEVEL 2	215
216	STAFF TR 1	CONC	CT	17	CT	16	GYP	CT	6	GYP	CT	6/11/12	GYP	CT	6	GYP	CT	6	4	LEVEL 2	216

RESTROOM ACCENT TILE COMPOSITION AND PERCENTAGE						
Name	WALL TILE CODE	MANUFACTURER	BASE TILE	ACCENT TILE	ACCENT TILE %	ROOM NUMBER
WOMEN'S TR	CT	DALTILE	1	4/5	15%(7.5% EACH ACCENT TILE)	111
MEN'S TR	CT	DALTILE	1	2/3	15%(7.5% EACH ACCENT TILE)	112
STAFF TR1	CT	DALTILE	6	10/14	10%(5% EACH ACCENT TILE)	116
STAFF TR2	CT	DALTILE	6	7/12	10%(5% EACH ACCENT TILE)	119
PUBLIC TR 1	CT	DALTILE	6	7/4	12%(6% EACH ACCENT TILE)	206
PUBLIC TR 2	CT	DALTILE	6	9/10	12%(6% EACH ACCENT TILE)	207
STAFF TR2	CT	DALTILE	6	8/14	10%(5% EACH ACCENT TILE)	215
STAFF TR 1	CT	DALTILE	6	11/12	8%(5% EACH ACCENT TILE)	216

ABBREVIATIONS

ALUM	ALUMINUM
AL	ALUMINUM PERFORATED PANEL
APC	ACOUSTICAL PANEL CEILING
AF	ACOUSTICAL FIBRE PANEL
AWP	ACOUSTICAL WALL PANEL
CLR	COLOR
CONC	CONCRETE
CPT	CARPET
CT	CERAMIC TILE
EM	ENTRY MAT
EP	EPOXY PAINT
EXP	EXPOSED
FF	FACTORY FINISHED
FRP	FRIBREGLASS REINFORCED PLASTIC
FIN	FINISH
GLZ	GLAZING
GR	GRAPHICS
GYP	GYPSUM BOARD
LN	LINOLEUM
MATL	MATERIAL
MCSP	MINERAL COMPOSITE SCULPTURAL PANEL
MDF	MEDIUM DENSITY FIBREBOARD
MTL	METAL
TS	TACKABLE SURFACE
PT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RFT	RESILIENT FLOORING TILE
RSS	RUBBER STAIR STRINGER
SLR	SEALER
SS	SOLID SURFACE
SWC	SANITARY WALL COVERING
SV	SHEET VINYL
UNO	UNLESS NOTED OTHERWISE
UP	UPHOLSTRY
VCT	VINYL COMPOSITION TILE
VRB	VENTILATING RUBBER BASE
VWC	VINYL WALL COVERING
WC	WALL COVERING
WP	WALL PADS

PLASTIC LAMINATE AND CASEWORK FINISH NOTES

1. ALL PVC EDGE BANDING TO BE TBD BY ARCHITECT
2. SEE DETAILS FOR LOCATIONS OF SPECIALTY CASEWORK.
3. STEEL SUPPORT BRACKETS AND CABLE TRAYS BELOW COUNTERTOP SHALL BE PAINTED TO MATCH ADJACENT BASE CABINETS. IF NO BASE CABINETS OCCUR, SUPPORT BRACKETS SHALL BE PAINTED TO MATCH COUNTERTOP PLAM.

INTERIOR FINISH GENERAL NOTES

1. AN ASTERISK (*) IN THE FINISH SCHEDULE REFERENCES CODED NOTES IN THE REMARKS COLUMN.
2. AT ALL ROOMS AND/ OR CORRIDORS TURNED @ A 45 DEGREE ANGLE, THE NORTH WALL REFERENCE ON THIS FINISH SCHEDULE REFERS TO THE NORTHWEST WALL IN PLAN.
3. ALL FLOORING/ COLOR TRANSITIONS WHERE REQUIRED SHALL BE CENTERED UNDER DOOR.
4. PAINT ALL EXPOSED ACCESS PANELS (EXCEPT THOSE FACTORY FINISHED), ELECTRICAL PANELS, FIRE SPRINKLER PIPING, MECHANICAL GRILLES AND DIFFUSERS (EXCEPT THOSE IN LAY-IN CEILINGS), DUCTWORK, AND ELECTRICAL OR COMMUNICATIONS RACEWAYS TO MATCH ADJACENT SURFACES UNO. EXPOSED UTILITIES DO NOT NEED TO BE PAINTED IN DATA, ELECTRICAL, AND MECHANICAL ROOMS.
5. FLOOR TILE GROUT COLOR TO BE TBD BY ARCHITECT
6. WALL TILE GROUT COLOR TO BE TBD BY ARCHITECT
7. PAINT ALL DOOR & RELITE FRAMES PAINT COLOR BY TBD ARCHITECT
8. SEE SHEET A3.21 & A3.22 FOR FLOOR MATERIAL, FINISH, AND COLOR DESIGNATION.
9. SEE SHEET A3.41 & A3.42 FOR CEILING MATERIAL, FINISH, AND COLOR DESIGNATION.
10. ALL GYP BD CEILINGS TO BE PAINT PT1.
11. ALL INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803.1.3.

TABLE 803.13
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

GROUP	NON-SPRINKLERED		
	INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	ROOMS AND ENCLOSED SPACES
A-3	A	A	C
B	A	B	C
S	B	B	C

12. PER 803.1.2 INTERIOR WALL & CEILING FINISH MATERIALS TESTED IN ACCORDANCE WITH ASTM E84 OR UL723. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL723. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE DEVELOPED INDICES.

CLASS A = FLAME SPREAD INDEX 0-25: SMOKE-DEVELOPED INDEX 0 - 450
CLASS B = FLAME SPREAD INDEX 26 - 75; SMOKE-DEVELOPED INDEX 0 - 450
CLASS C = FLAME SPREAD INDEX 76 - 200; SMOKE-DEVELOPED INDEX 0 - 450

INTERIOR FINISH CODED NOTES

1. SEE INTERIOR ELEVATIONS AND/ OR REFLECTED CEILING PLANS FOR EXTENT AND LOCATION OF ACCENT PAINT COLOR(S).
2. SEE INTERIOR ELEVATIONS FOR EXTENT AND LOCATION OF VWC.
3. SEE FLOOR PLANS (FLOOR PATTERN PLANS) FOR FLOOR FINISH PATTERNS AND COLOR DESIGNATION.
4. SEE A7.01 FOR CERAMIC TILE ACCENT PATTERN & COLOR DESIGNATION.
5. CERAMIC TILE AT SERVICE SINK ONLY PER INTERIOR ELEVATIONS.
6. COVE SHEET FLOORING TO FORM 6"H BASE.

REVISIONS

4	Add-02	8/29/25
5	Add-03	9/17/25

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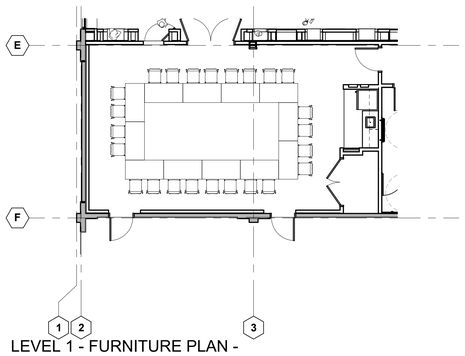
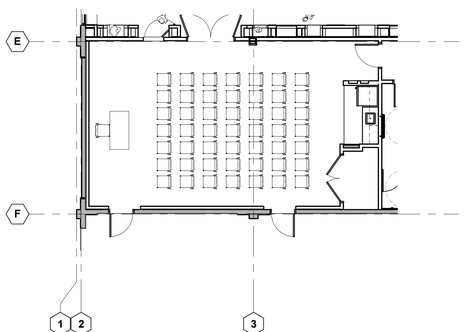
ROOM FINISH SCHEDULE

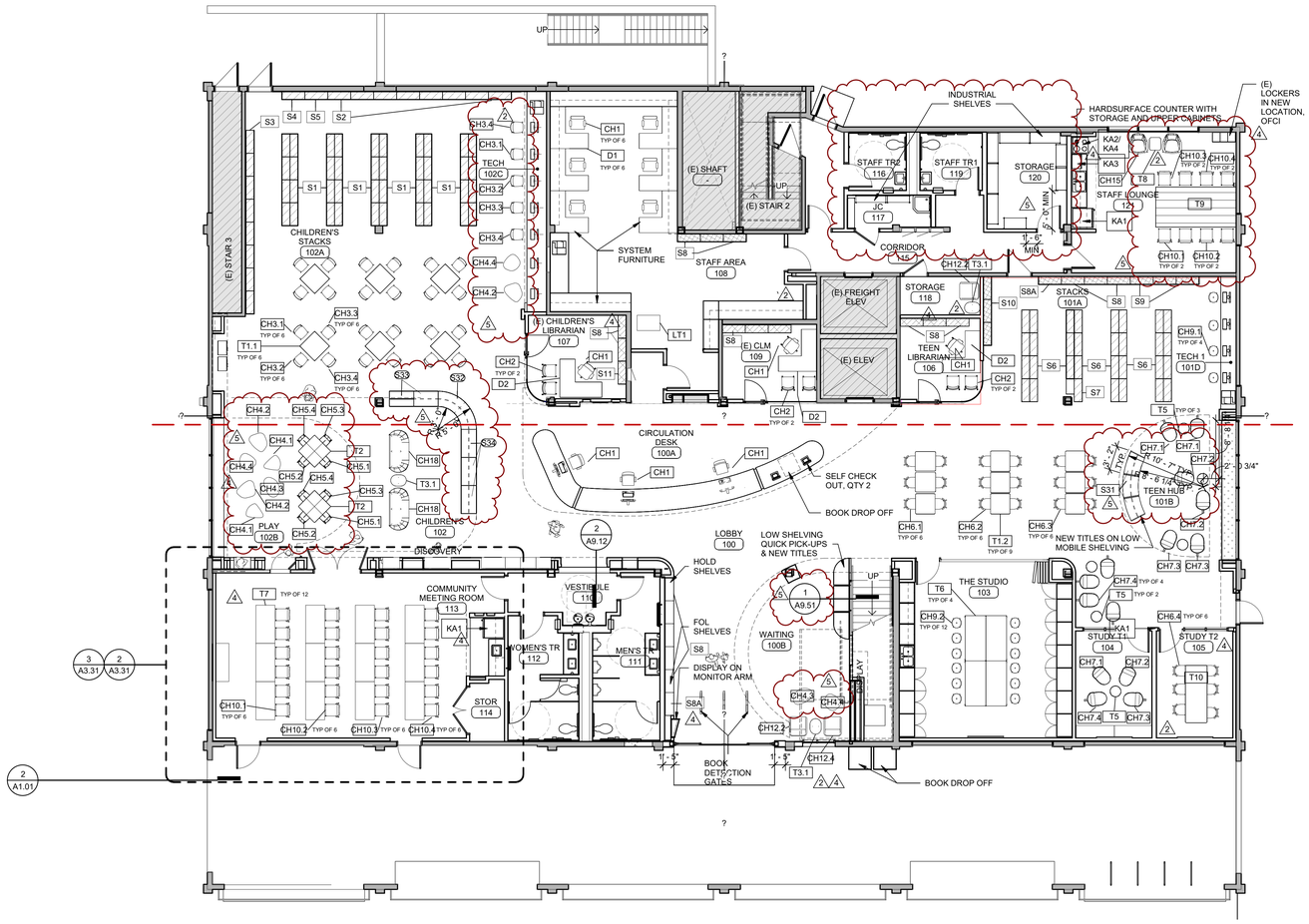
A3.20



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 APPLIED SIGNAGE 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.
8. ALL SYSTEMS FURNITURE UPPER CABINETS TO INCLUDE UNDER CABINET LIGHTING
9. ALL CUSTOM CURVED MODULAR SHELVING UNITS TO HAVE LAMINATE PL10 ON ALL EXPOSED SURFACES.
10. ROOMS 117 & 120: INSTALL INDUSTRIAL STEEL SHELVING WITH 20 GA. STEEL SHELVES / 800 LBS SHELF CAPACITY BY U-LINE OR EQUAL. 12" OR 18" DEEP, REFER TO LAYOUT ON PLAN. 87" HIGH.

REVISIONS

2	Post-Plan Check Changes	7/31/25
3	Add-01	8/15/25
4	Add-02	8/29/25
5	Add-03	9/17/25

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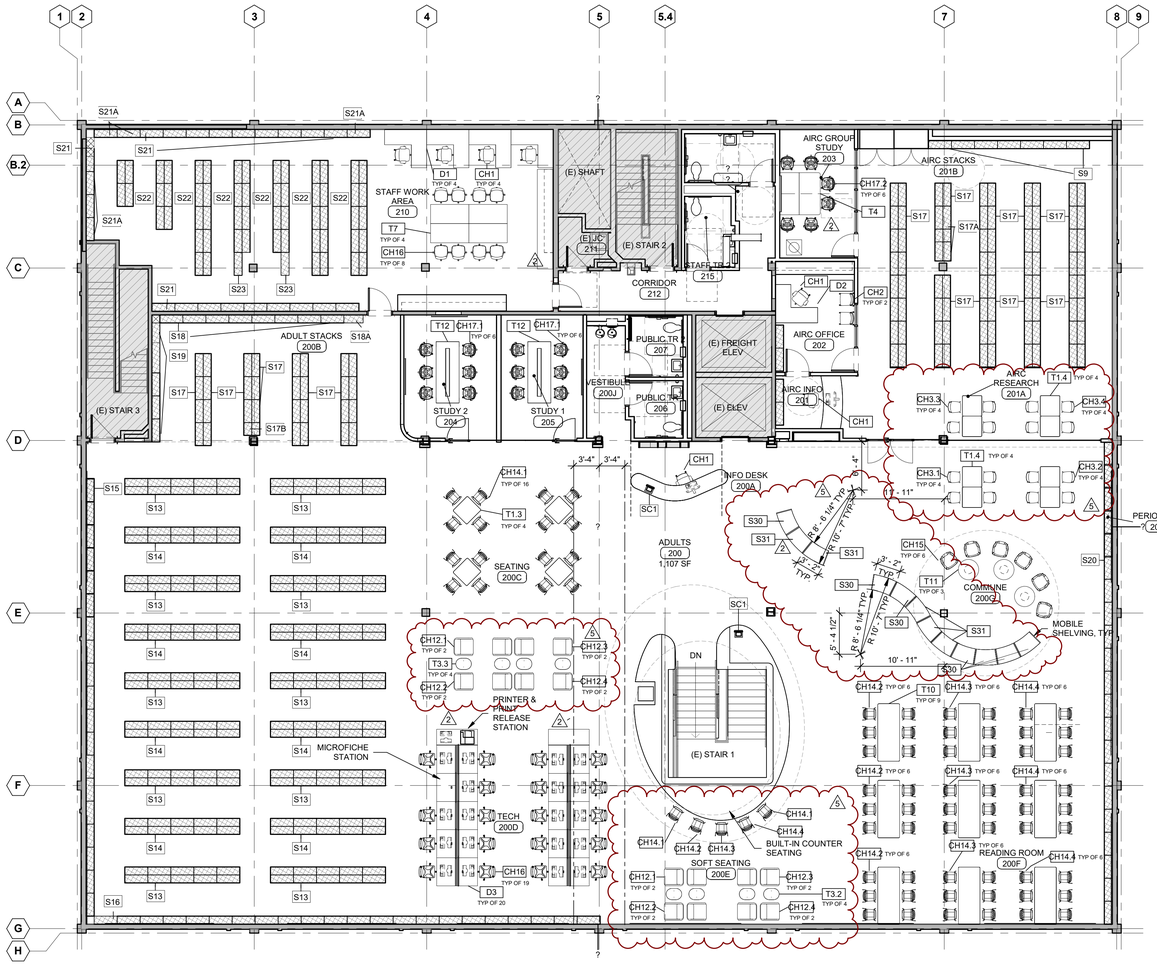
FIRST FLOOR FURNITURE PLAN

3
A3.31



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

4 5

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 APPLIED SIGNAGE 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.
8. ALL SYSTEMS FURNITURE UPPER CABINETS TO INCLUDE UNDER CABINET LIGHTING
9. ALL CUSTOM CURVED MODULAR SHELVING UNITS TO HAVE LAMINATE PL10 ON ALL EXPOSED SURFACES.
10. ROOMS 117 & 120: INSTALL INDUSTRIAL STEEL SHELVING WITH 20 GA. STEEL SHELVES / 800 LBS SHELF CAPACITY BY U-LINE OR EQUAL. 12" OR 18" DEEP, REFER TO LAYOUT ON PLAN. 87" HIGH.

REVISIONS

2	Post-Plan Check Changes	7/31/25
3	Add-01	8/15/25
4	Add-02	8/29/25
5	Add-03	9/17/25

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SECOND FLOOR FURNITURE PLAN

3 4

A3.32

FURNITURE AND EQUIPMENT SCHEDULE

Tag No.	Type	Quantity	Manufacturer	Description	Size	Materials 1; 2; 3…	Color A; B; C…	Notes
BD1	Book Drop	1						1
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, Tailored Black-23512; B: Herman Miller, Interweave 2 Slate-36505; 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)	**Polypropylene Shell; Metal Leg**	**A:** **B:**	1
CH4.1	Chair - Children	2	Fresh Coast	Beach Stones	**TBD**	Fabric	Carnegie, Moto 6084-7	1
CH4.2	Chair - Children	3	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	3	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: Division Earl Gray - RC1207	1
CH6.2	Chair	6	Division Twelve	Brat	W: 17.25" D: 20.25" H: 27"	Wood Seat; Metal Leg	A: White Oak; B: Pastel Blue - RAL 5024	1
CH6.3	Chair	6	Division Twelve	Brat	W: 17.25" D: 20.25" H: 27"	Wood Seat; Metal Leg	A: White Oak; B: Pale Green - RAL 6021	1
CH6.4	Chair	6	Division Twelve	Brat	W: 17.25" D: 20.25" H: 27"	Wood Seat; Metal Leg	A: White Oak; B: Oyster White - RAL 1013	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 White	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 Chair, Seat Pad, 4-leg/glides		Plastic Seat; **Metal Leg**	A: Lemon SC25; B: **TBD**	1
CH10.2	Chair - Stacking	6	SitOnIt	Baja Stacker Chair, Seat Pad, 4-leg/glides		Plastic Seat; **Metal Leg**	A: Apple SC24; B: **TBD**	1
CH10.3	Chair - Stacking	6	SitOnIt	Baja Stacker Chair, Seat Pad, 4-leg/glides		Plastic Seat; **Metal Leg**	A: Slate SC8; B: **TBD**	1
CH10.4	Chair - Stacking	6	SitOnIt	Baja Stacker Chair, Seat Pad, 4-leg/glides		Plastic Seat; **Metal Leg**	A: Lagoon SC15; B: **TBD**	1
CH10.5	Chair - Stacking	8	SitOnIt	Baja Stacker Chair, Seat Pad, 4-leg/glides		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	4	Naughtone	Percy Chair	w28 d30 h29 seat 18 (in)	Fabric Seat; Metal Leg	A: Carnegie, Escapade 6034-11; B: Stone Grey RAL 7030	1
CH12.2	Chair - Soft	6	Naughtone	Percy Chair	w28 d30 h29 seat 18 (in)	Fabric Seat; Metal Leg	A: Momentum, Native EPU - Rouge; B: Stone Grey RAL 7030	1
CH12.3	Chair - Soft	4	Naughtone	Percy Chair	w28 d30 h29 seat 18 (in)	Fabric Seat; Metal Leg	A: Stinson Criss Cross 2.0 - CRS 252 Orange; B: Stone Grey RAL 7030	1
CH12.4	Chair - Soft	5	Naughtone	Percy Chair	w28 d30 h29 seat 18 (in)	Fabric Seat; Metal Leg	A: Tolkien LiHk-TK-14-Rosie; B: Stone Grey RAL 7030	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		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: Chocolate SC4 Seat, Fog Base; B: **TBD**	1
CH18	Chair - Sofa	2	Naughtone	Ever Two Seat Sofa, UPH: G4		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	6	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: KE4	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	10	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 Base; 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 on Furniture (Top)
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	Notes
S1	66" H x 36" W x 24.5" D	20	Children's Stacks 102A	1
S2	66" H x 36" W x 13.25" D	8	Children's Stacks 102A	1
S3	66" H x 36" W x 13" D	8	Children's Stacks 102A	1
S4	66" H x 36" W x 13" D	1	Children's Stacks 102A	1
S5	66" H x 36" W x 13" D	1	Children's Stacks 102A	1
S6	78" H x 36" W x 24.5" D	15	Stacks 101A	1
S7	78" H x 36" W / 24"W x 24.5" D	1	Stacks 101A	1
S8	78" H x 36" W x 13" D	19	Stacks 101A (3) Teen Librarian 106 (3) Children's Librarian 107 (2) Staff Area 108 (3) CLM 109 (3) Waiting 100B (5)	1
S8A	78" H x 30" W x 13" D	2	Waiting 100B (1) Stacks 101A (1)	1
S9	78" H x 36" W x 13" D	3	Stacks 101A	1
S10	78" H x 36" W x 13" D	3	Stacks 101A	1
S11	78" H x 36" W x 13" D	1	Children's Librarian 107	1
S12	NOT USED	1		1
S13	90" H x 36" W x 24.5" D	50	Adult Stacks 200B	1
S14	90" H x 36" W x 24.5" D	40	Adult Stacks 200B	1
S15	80" H x 36" W x 13" D	19	Adult Stacks 200B AIRC Stacks 201B*	1
S16	82" H x 36" W x 13" D	22	Adult Stacks 200B	1
S17	90" H x 36" W x 24.5" D	52	Adult Stacks 200B (15) AIRC Stacks 201B* (37)	1
S17A	90" H x 30" W x 24.5" D	3	AIRC Stacks 201B	1
S17B	90" H x 24" W x 24.5" D	1	Adult Stacks 200B	1
S18	90" H x 36" W x 13" D	8	Adult Stacks 200B	1
S18A	90" H x 30" W x 13" D	1	Adult Stacks 200B	1
S19	90" H x 36" W x 13" D	5	Adult Stacks 200B	1
S20	90" H x 36" W x 13" D	21	Periodicals 200H Reading Room 200F	1
S21	90" H x 36" W x 13" D	20	Staff Work Area 210	1
S21A	90" H x 30" W x 13" D	7	Staff Work Area 210	1
S22	90" H x 36" W x 24.5" D	28	Staff Work Area 210	1
S23	90" H x 36" W x 13" D	2	Staff Work Area 210	1
S30	40" H x 38" W x 24" D	7	Commune 200G	4
S31	33" H x 38" W x 24" D	8	Teen Hub 101B, Commune 200G	4
S32	33" H x 60" W x 24" D	1	Children's 102	
S33	33" H x 38" W x 24" D	2	Children's 103	
S34	33" H x 44" W x 24" D	3	Children's 104	
NOTES:				
All end panels to be PL4 UNO, ref Room Finish Schedule				
* Custom graphic laminate end panels, one end only				
1. CFCI				
2. OFCI				
3. OFOI				
4. CASTERS				

KITCHEN APPLIANCES

Tag No.	Item	Description	Quantity	Notes
KA1	Refrigerator	Haier model no.HRQ16N3BGS, Stainless Steel or approved equal	2	CFCI
KA2	Range	General Electric Appliances, Model No. JGSS66SELSS	1	CFCI
		Stainless Steel, Oven Light, 4 Burner, 24" W. x 26" D		
		Self-cleaning Electronic Ignition Oven		
KA3	Microwave	General Electric Appliances, Model No.PVM9005SJSS, Counter Mountec	1	CFCI
		2.1 Cubic Feet, 1050 Watts, Cooktop Light, Stainless Steel		
KA4	Overhead Exhaust Hood	2 speed Fan, L.E.D. light, 24" W. x 24" deep, Stainless Steel	1	CFCI

REVISIONS

3	Add-01	8/15/25
4	Add-02	8/29/25
5	Add-03	9/17/25

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FURNITURE & EQUIPMENT SCHEDULES

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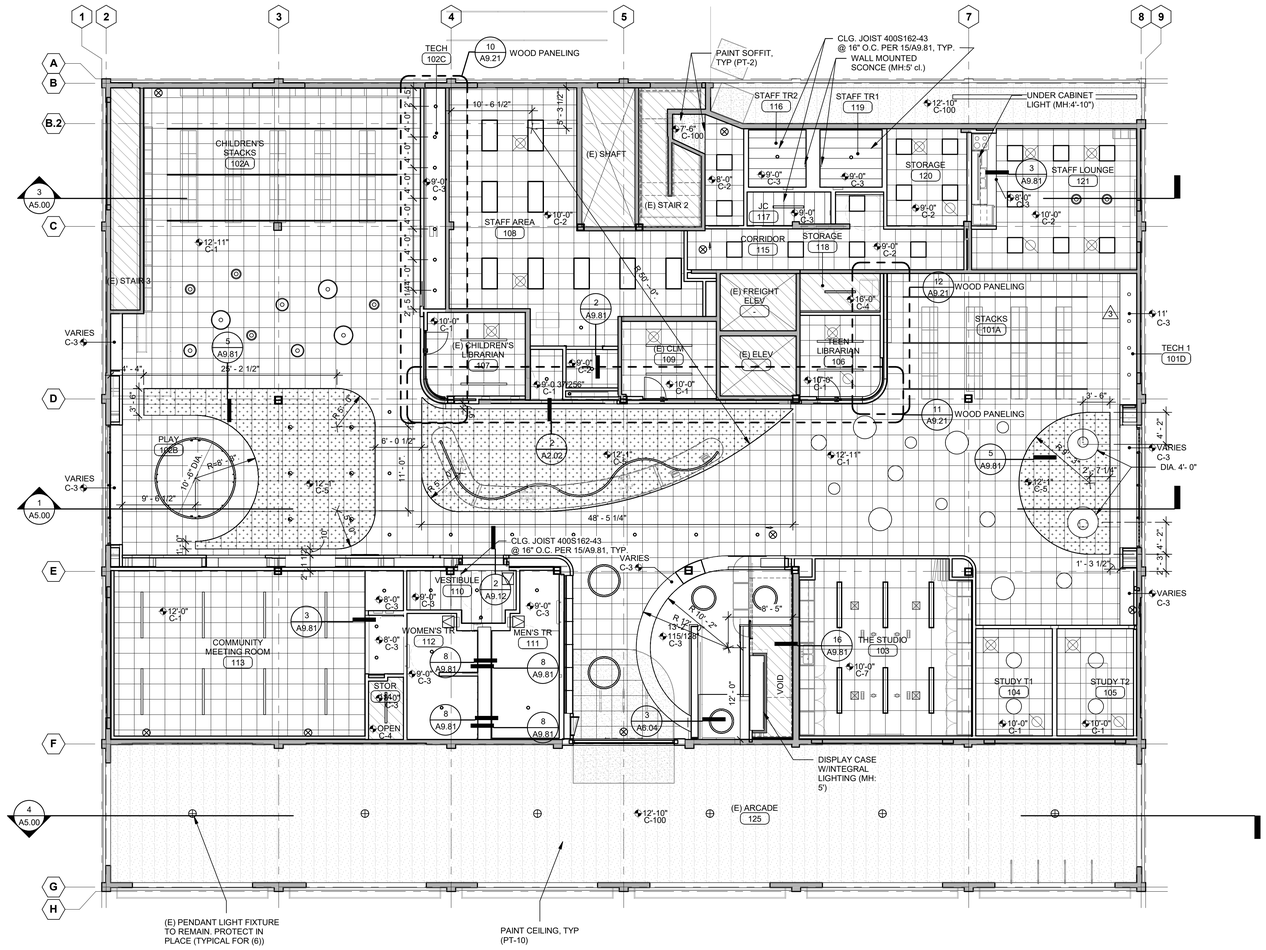

1 REFLECTED CEILING PLAN

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

GENERAL RCP NOTES

1. GENERALLY CENTER CEILING GRIDS IN EACH ROOM TO PROVIDE EQUALLY SIZED PANELS ON OPPOSITE WALLS. IF PLANS INDICATE A GRID ALIGNING WITH A COLUMN, WALL, SOFFIT, ETC, START GRID AT THE INDICATED SURFACE. AVOID PANELS LESS THAN 12" IN WIDTH.
2. SEE FINISH SCHEDULE FOR COLORS.
3. ALL WALLS EXTEND TO STRUCTURAL DECK ABOVE, UNLESS NOTED OTHERWISE. SEE CODE PLANS FOR ADDITIONAL INFORMATION.
4. SEE SHEET A9.81 FOR TYPICAL LATERAL BRACING OF SUSPENDED ACOUSTICAL PANELS.
5. ALL GYP BD CEILING AND SOFFITS TO BE PAINTED.
6. ALL EXPOSED STEEL FRAMING AND DECK AT CEILINGS TO BE PAINTED.
7. EXCEPT AT STORAGE, MECHANICAL AND ELECTRICAL UTILITY ROOMS PAINT ALL EXPOSED DUCTWORK, PIPING AND CONDUITS.
8. SEE SHEET A9.81 FOR TYPICAL SUSPENDED CEILING AND SOFFIT EDGES AND CONNECTIONS.
9. CEILING HEIGHT TO BE MEASURED FROM FINISH FLOOR LEVEL OF THE ROOM OR THE AREA WHERE CEILING IS IN. CEILING HEIGHT ABOVE RAMP TO BE MEASURED FROM BOTTOM OF LOWEST LEVEL LANDING OF RAMP.
10. ALL FIRE SPRINKLERS AT LINEAR METAL CEILING SYSTEM AND AT GYP BD CEILING CLOUDS TO BE RECESSED, TYP.

5 CEILING TYPES

C-1	2' x 2' SUSPENDED MINERAL WOOL ACOUSTICAL PANEL CEILING WITH REGULAR NARROW PANEL EDGE, 9/16" GRID
C-2	2' x 2' SUSPENDED MINERAL WOOL ACOUSTICAL PANEL CEILING, SQUARE LAY IN EDGE, 15/16" GRID
C-3	FRAMED OR SUSPENDED 5/8" GYPSUM BOARD
C-4	EXPOSED STRUCTURE
C-5	2' x 2' SUSPENDED MINERAL WOOL ACOUSTICAL PANEL CEILING WITH FULLY CONCEALED GRID (15/16") AND 10" METAL PERIMETER TRIM. CEILING TILE AND PERIMETER TRIM PAINTED PT4
C-6	2' x 2' SUSPENDED MINERAL WOOL ACOUSTICAL PANEL CEILING WITH FULLY CONCEALED GRID (15/16") AND 12" METAL PERIMETER TRIM. CEILING TILE AND PERIMETER TRIM PAINTED PT3
C-7	2' x 4' SUSPENDED WOOD FIBER ACOUSTICAL PANEL CEILING, NATURAL COLOR
C-8	PET Panel Arktura
C-100	EXISTING PLASTER CEILING. PATCH AND REPAIR AS REQUIRED

LEGEND

- FIRE-RATED WALL FULL HEIGHT TO DECK, SEE SHEET GX.X FOR FIRE RATING REQUIREMENTS.
- CEILING ACCESS PANEL. 18"X18" UNO.
- 1'-0" C-1 — CEILING HEIGHT (HEIGHTS INDICATED ARE RELATIVE TO 100'-0" FLOOR LEVEL).
- LIGHT FIXTURES
- SUSPENDED LIGHT FIXTURES
- SUPPLY DIFFUSERS
- RETURN AIR REGISTER OR EXHAUST FAN
- EXIT LIGHT
- SPEAKER

REVISIONS

3	Add-01	8/15/25
5	Add-03	9/17/25

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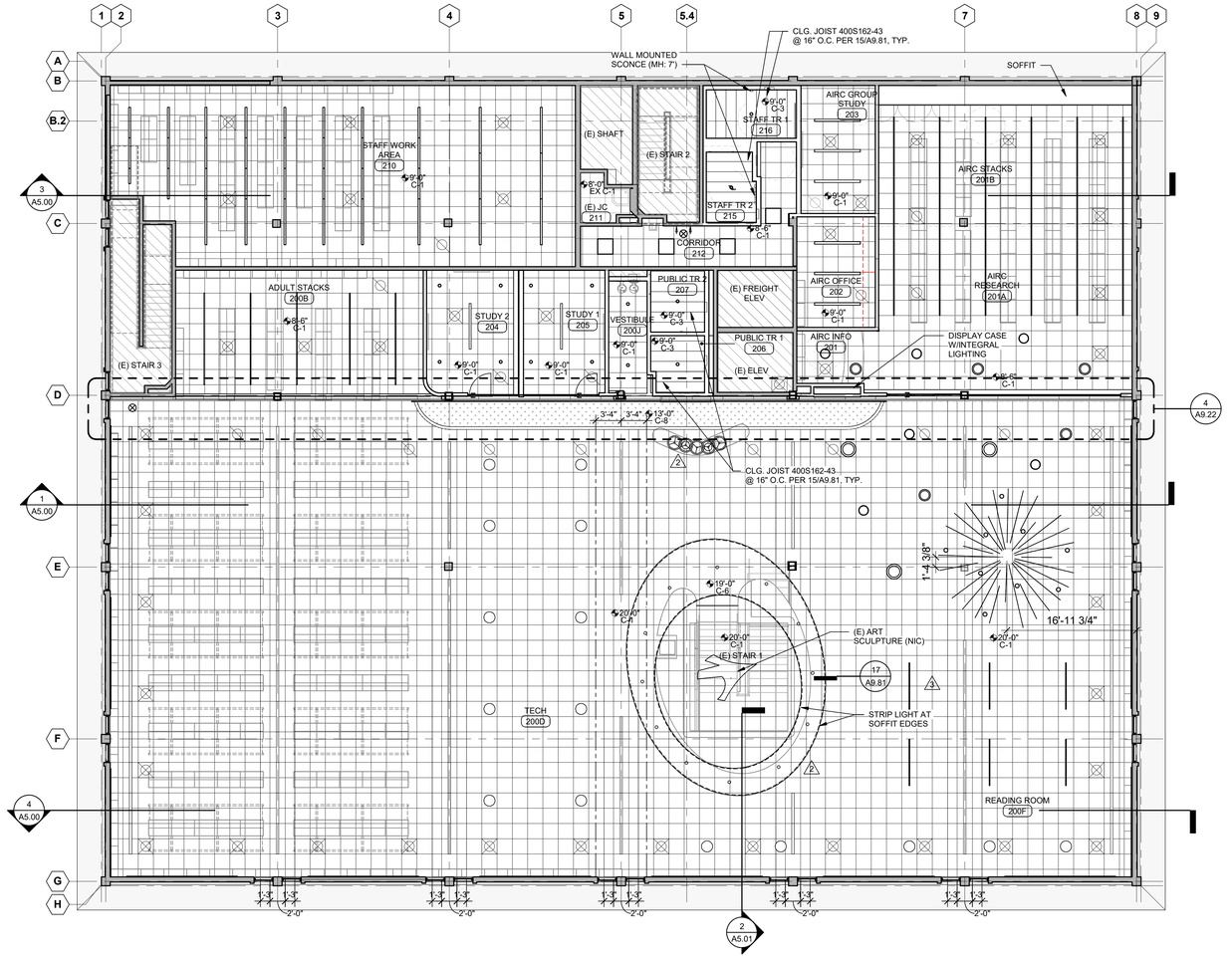
FIRST FLOOR REFLECTED CEILING PLAN

A3.41



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1 REFLECTED CEILING PLAN - LEVEL 2
1/8" = 1'-0"

GENERAL RCP NOTES

1. GENERALLY CENTER CEILING GRIDS IN EACH ROOM TO PROVIDE EQUALLY SIZED PANELS ON OPPOSITE WALLS. IF PLANS INDICATE A GRID ALIGNING WITH A COLUMN, WALL, SOFFIT, ETC, START GRID AT THE INDICATED SURFACE. AVOID PANELS LESS THAN 12" IN WIDTH.
2. SEE FINISH SCHEDULE FOR COLORS.
3. ALL WALLS EXTEND TO STRUCTURAL DECK ABOVE, UNLESS NOTED OTHERWISE. SEE CODE PLANS FOR ADDITIONAL INFORMATION.
4. SEE SHEET A9.81 FOR TYPICAL LATERAL BRACING OF SUSPENDED ACOUSTICAL PANELS.
5. ALL GYP BD CEILING AND SOFFITS TO BE PAINTED.
6. ALL EXPOSED STEEL FRAMING AND DECK AT CEILINGS TO BE PAINTED.
7. EXCEPT AT STORAGE, MECHANICAL AND ELECTRICAL UTILITY ROOMS PAINT ALL EXPOSED DUCTWORK, PIPING AND CONDUITS.
8. SEE SHEET A9.81 FOR TYPICAL SUSPENDED CEILING AND SOFFIT EDGES AND CONNECTIONS.
9. CEILING HEIGHT TO BE MEASURED FROM FINISH FLOOR LEVEL OF THE ROOM OR THE AREA WHERE CEILING IS IN. CEILING HEIGHT ABOVE RAMP TO BE MEASURED FROM BOTTOM OF LOWEST LEVEL LANDING OF RAMP.
10. ALL FIRE SPRINKLERS AT LINEAR METAL CEILING SYSTEM AND AT GYP BD CEILING CLOUDS TO BE RECESSED, TYP.

CEILING TYPES

C-1	2' x 2' SUSPENDED MINERAL WOOL ACOUSTICAL PANEL CEILING WITH REGULAR NARROW PANEL EDGE, 9/16" GRID
C-2	2' x 2' SUSPENDED MINERAL WOOL ACOUSTICAL PANEL CEILING, SQUARE LAY IN EDGE, 15/16" GRID
C-3	FRAMED OR SUSPENDED 5/8" GYPSUM BOARD
C-4	EXPOSED STRUCTURE
C-5	2' x 2' SUSPENDED MINERAL WOOL ACOUSTICAL PANEL CEILING WITH FULLY CONCEALED GRID (15/16") AND 10" METAL PERIMETER TRIM. CEILING TILE AND PERIMETER TRIM PAINTED PT4
C-6	2' x 2' SUSPENDED MINERAL WOOL ACOUSTICAL PANEL CEILING WITH FULLY CONCEALED GRID (15/16") AND 12" METAL PERIMETER TRIM. CEILING TILE AND PERIMETER TRIM PAINTED PT3
C-7	2' x 4' SUSPENDED WOOD FIBER ACOUSTICAL PANEL CEILING, NATURAL COLOR
C-8	PET Panel Arktura
C-100	EXISTING PLASTER CEILING. PATCH AND REPAIR AS REQUIRED

LEGEND

- FIRE-RATED WALL FULL HEIGHT TO DECK, SEE SHEET GX.X FOR FIRE RATING REQUIREMENTS.
- CEILING ACCESS PANEL, 18"X18" UNO.
- 1'-0" C-1 — CEILING HEIGHT (HEIGHTS INDICATED ARE RELATIVE TO 100'-0" FLOOR LEVEL).
- LIGHT FIXTURES
- SUSPENDED LIGHT FIXTURES
- SUPPLY DIFFUSERS
- RETURN AIR REGISTER OR EXHAUST FAN
- EXIT LIGHT
- SPEAKER

REVISIONS

2	Post-Plan Check Changes	7/31/25
3	Add-01	8/15/25
5	Add-03	9/17/25

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SECOND FLOOR REFLECTED CEILING PLAN

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Attachment 20

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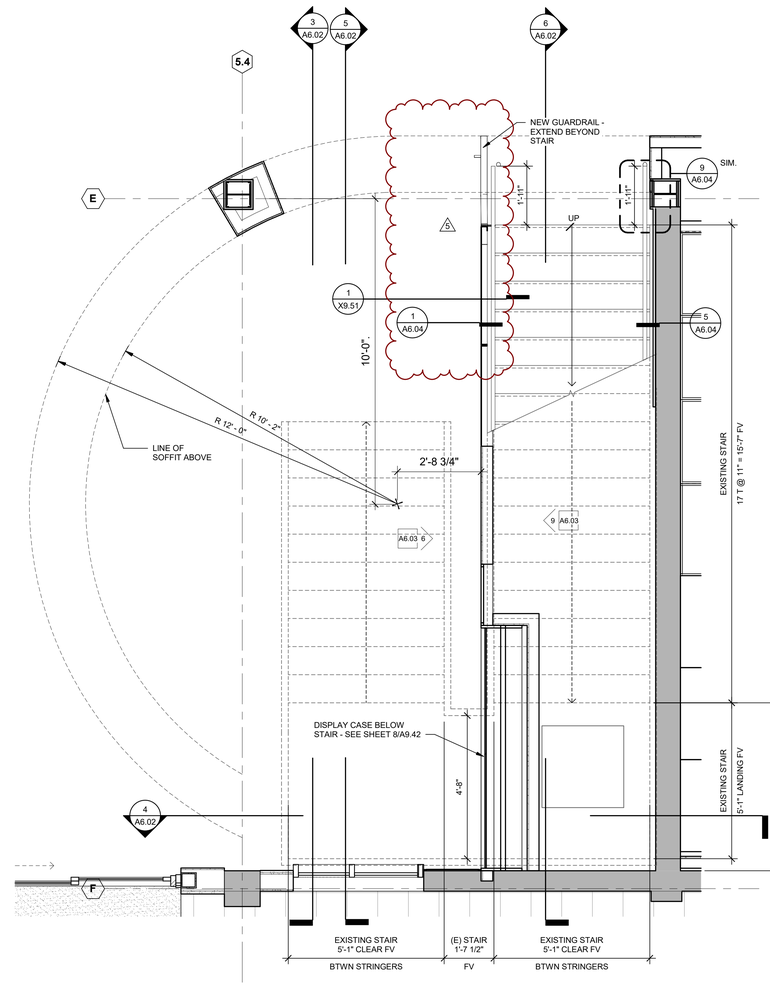
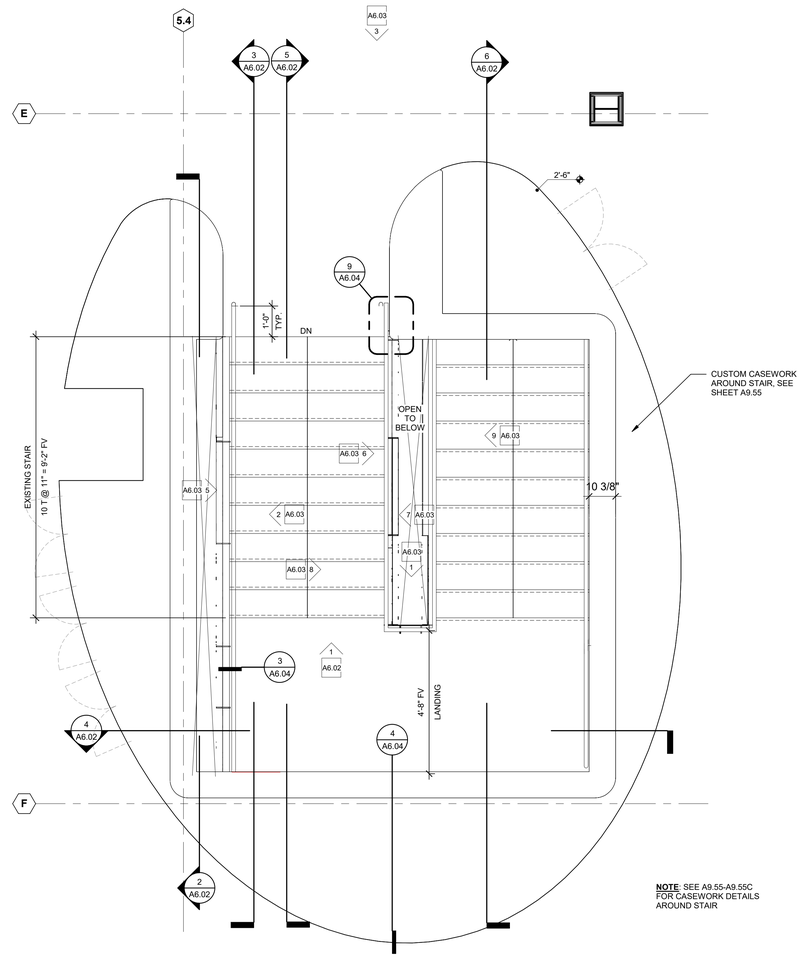


2 STAIR 1 - LEVEL 1
Scale: 1/2" = 1'-0"



1 STAIR 1 - LEVEL 2
Scale: 1/2" = 1'-0"

REVISIONS

2	Post-Plan Check Changes	7/31/25
5	Add-03	9/17/25

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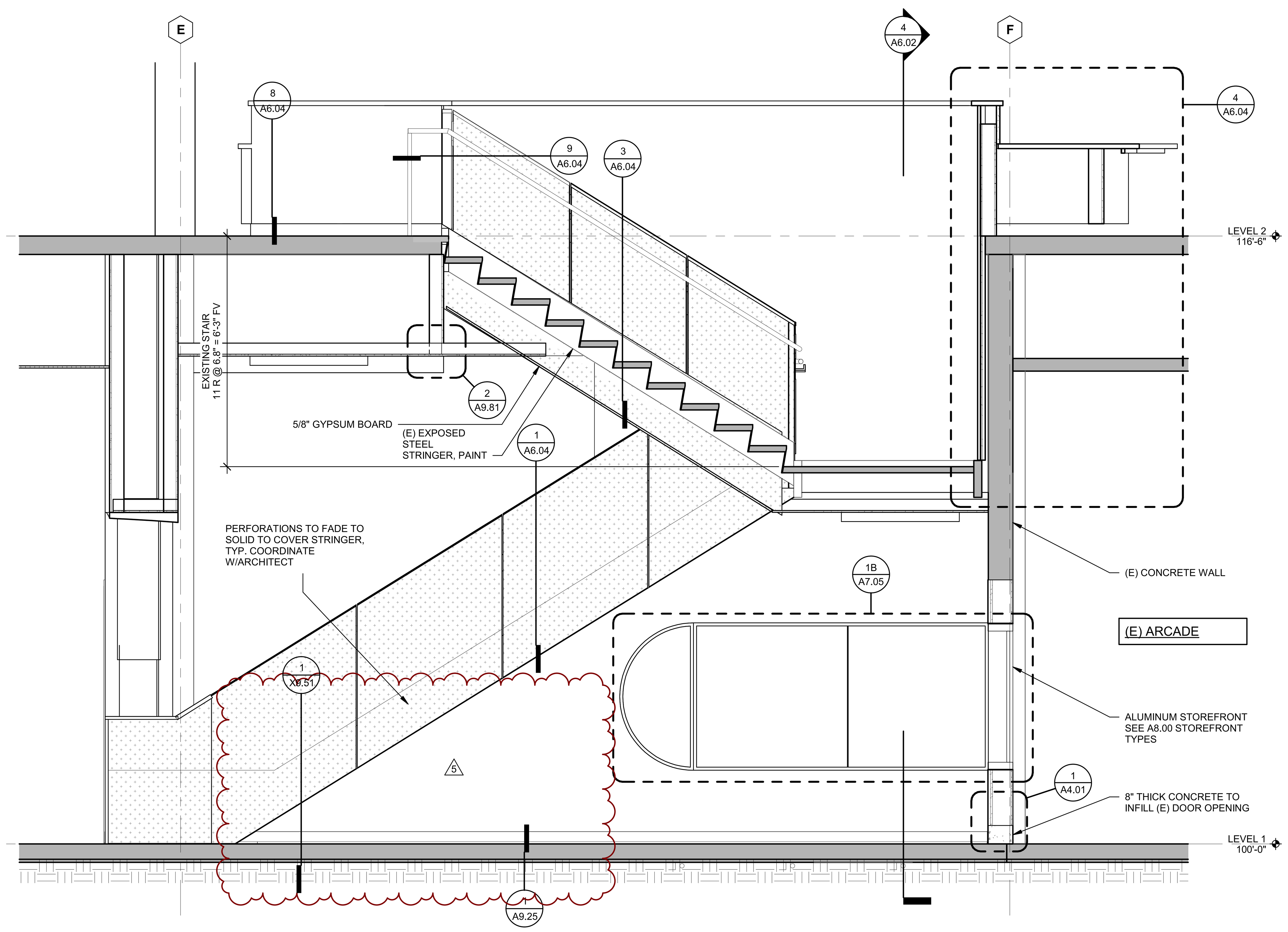
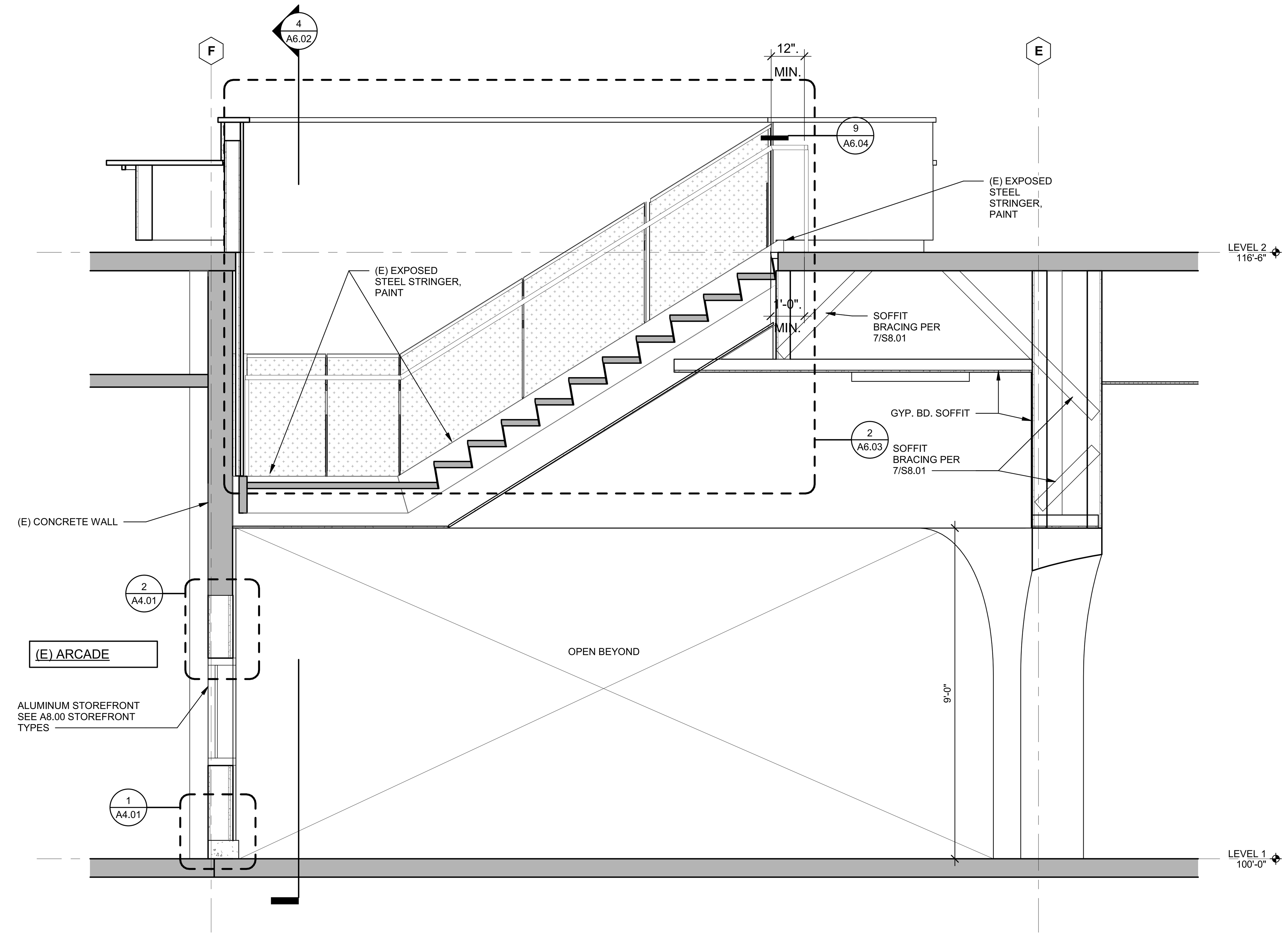
ENLARGED STAIR PLANS

A6.01

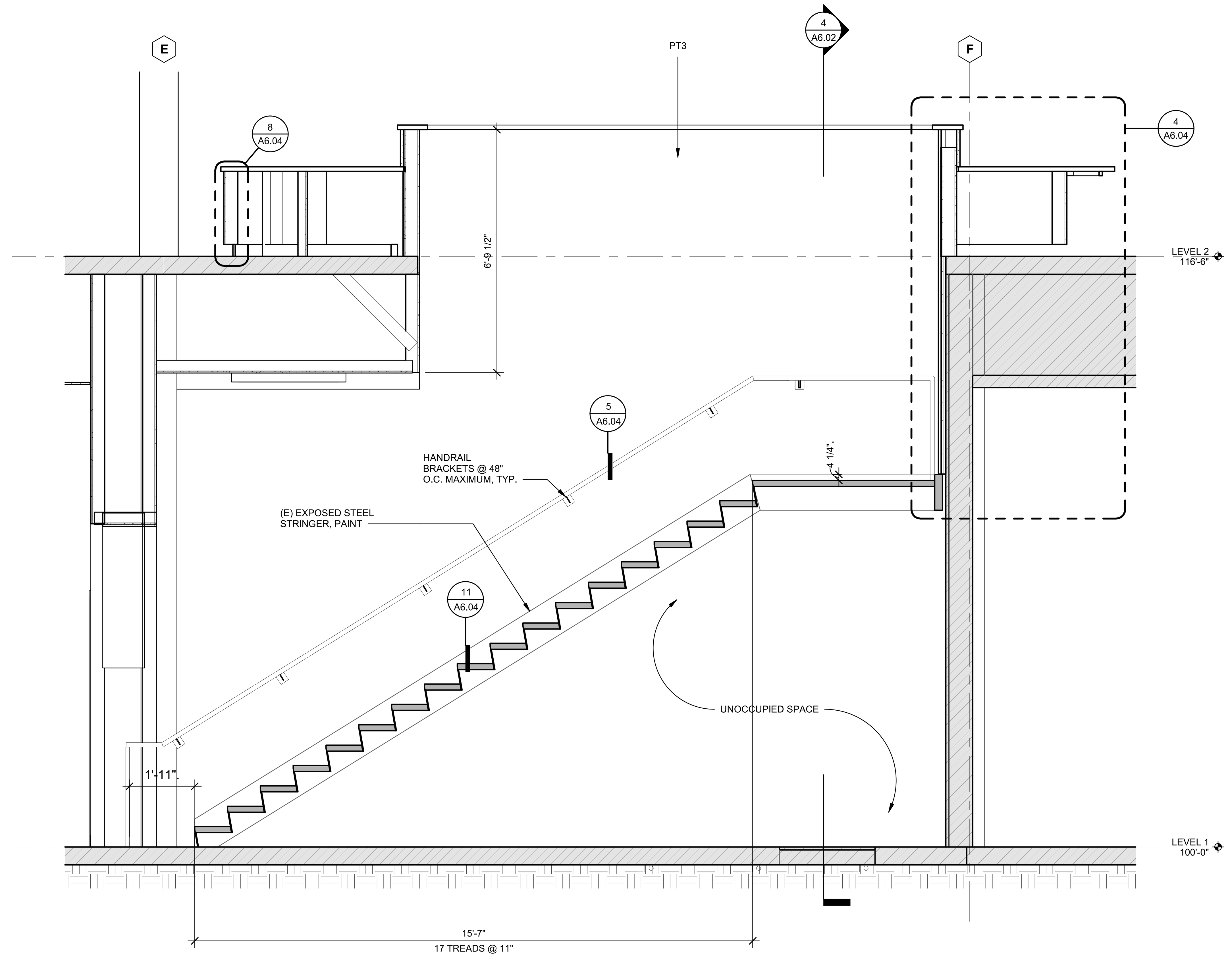
Attachment 21



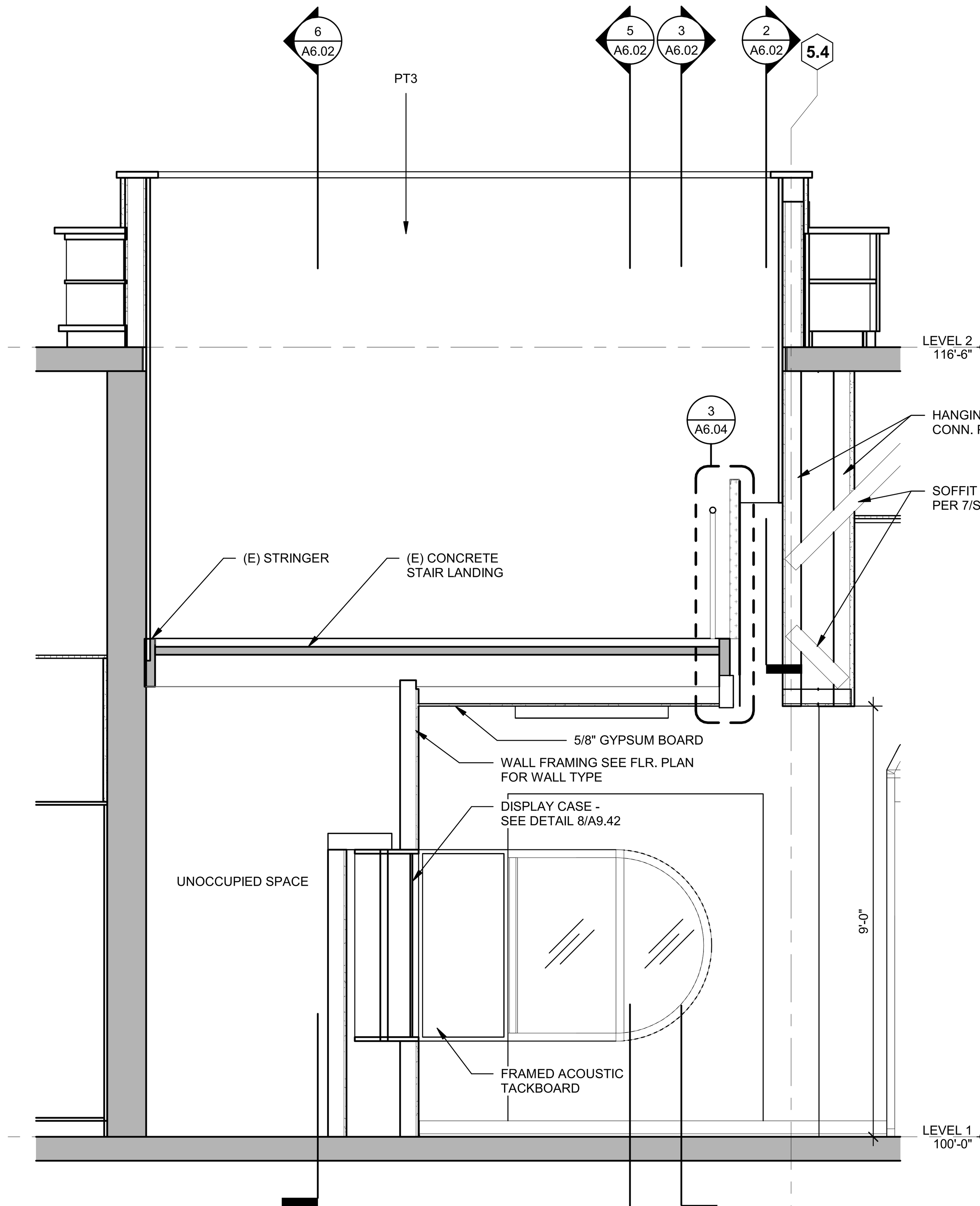
5 STAIR - SECTION 1
Scale: 1/2" = 1'-0"



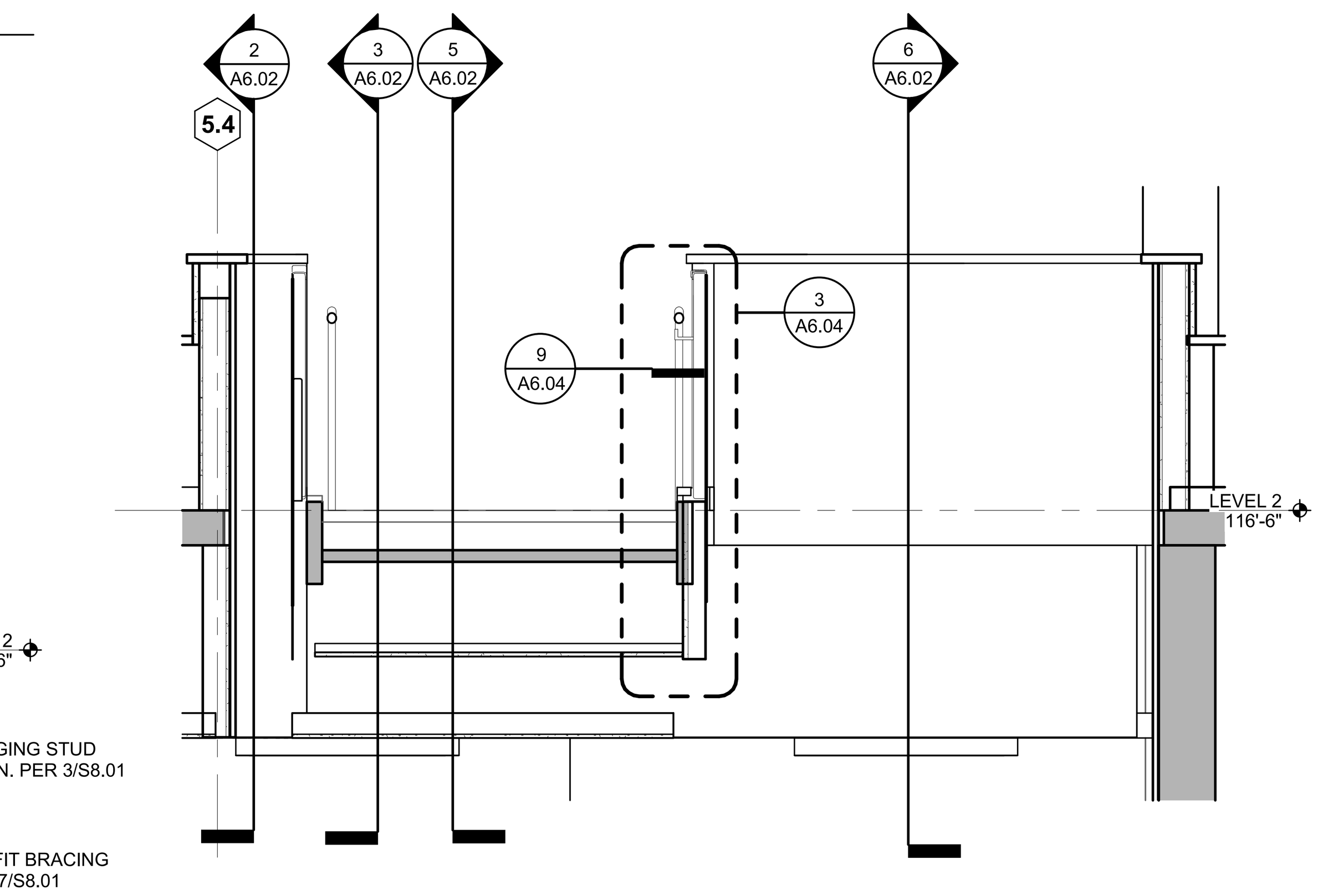
3 STAIR - SECTION 3
Scale: 1/2" = 1'-0"



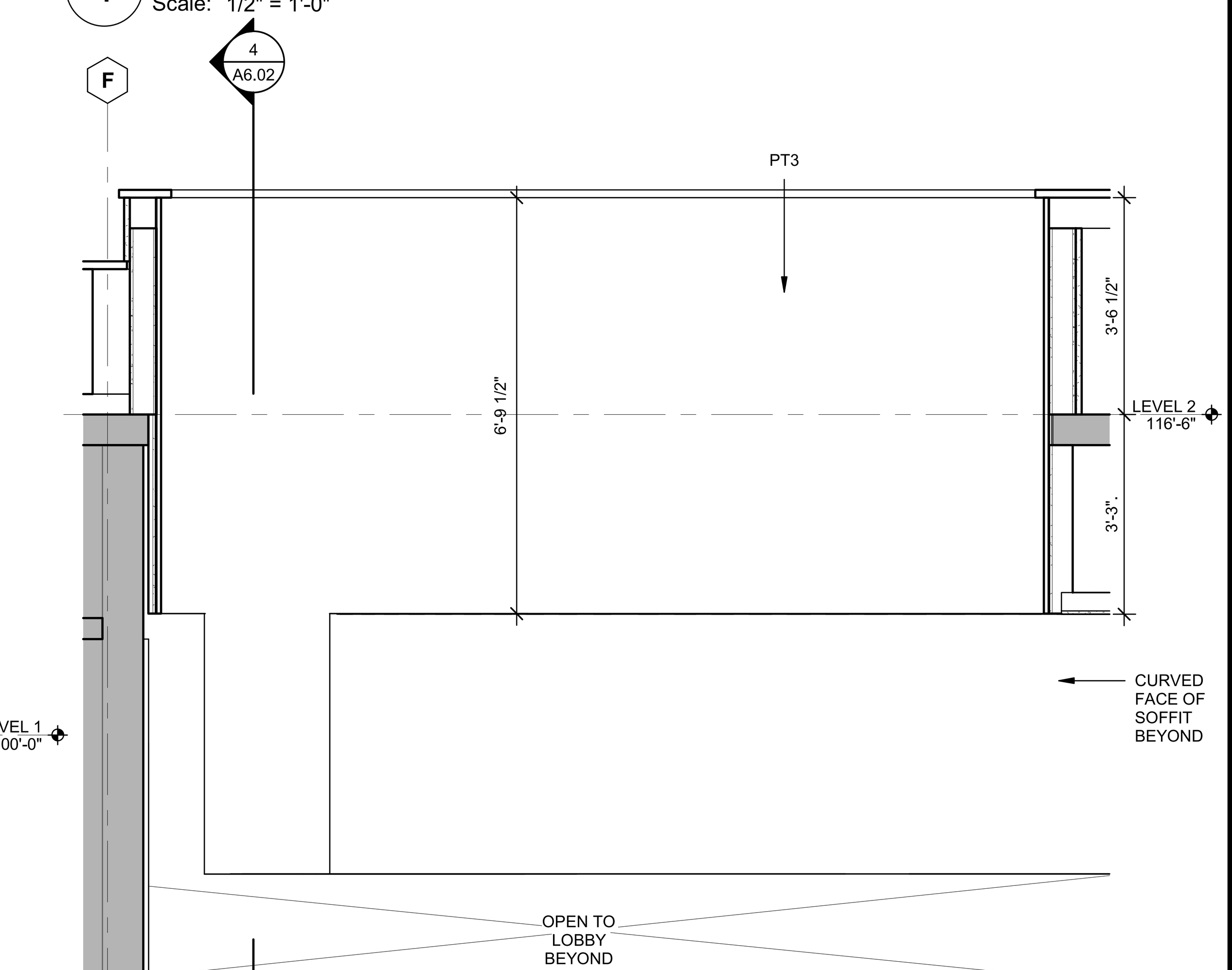
6 STAIR - SECTION 2
Scale: 1/2" = 1'-0"



4 STAIR - SECTION 4
Scale: 1/2" = 1'-0"



1 STAIR GUARDRAIL - NORTH STAIRWELL WALL
Scale: 1/2" = 1'-0"



2 STAIR - WEST STAIRWELL WALL
Scale: 1/2" = 1'-0"

REVISIONS

2	Post-Plan Check Changes	7/31/25
5	Add-03	9/17/25

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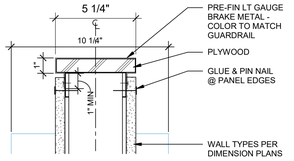
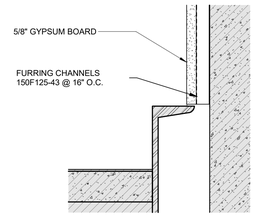
STAIR SECTIONS

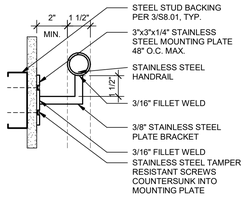
A6.02

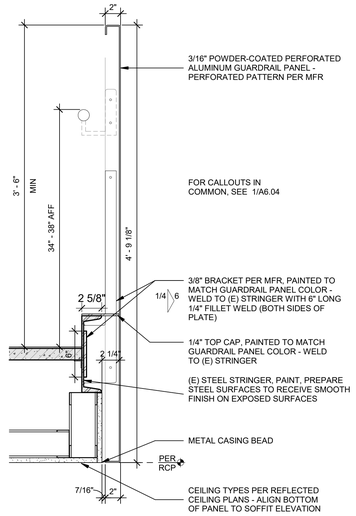


13 STAIRWELL WALL CAP
Scale: 3" = 1'-0"

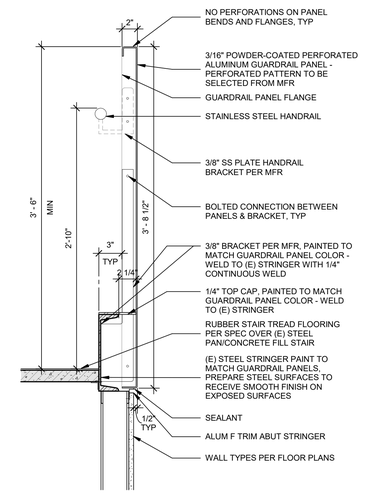


10 STRINGER TOP @ EX CONC WALL
Scale: 3" = 1'-0"

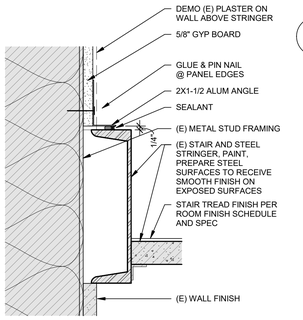




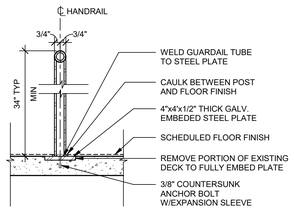
3 TYPICAL GUARDRAIL AT SOFFIT
Scale: 1 1/2" = 1'-0"



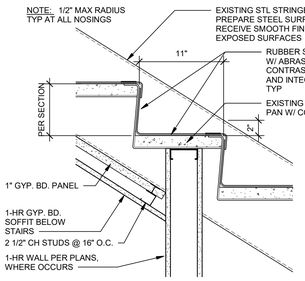
1 TYPICAL GUARDRAIL
Scale: 1 1/2" = 1'-0"



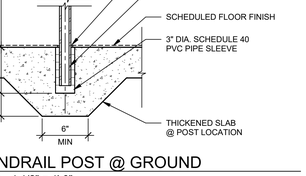
11 STAIR STRINGER @ STUD WALL
Scale: 3" = 1'-0"



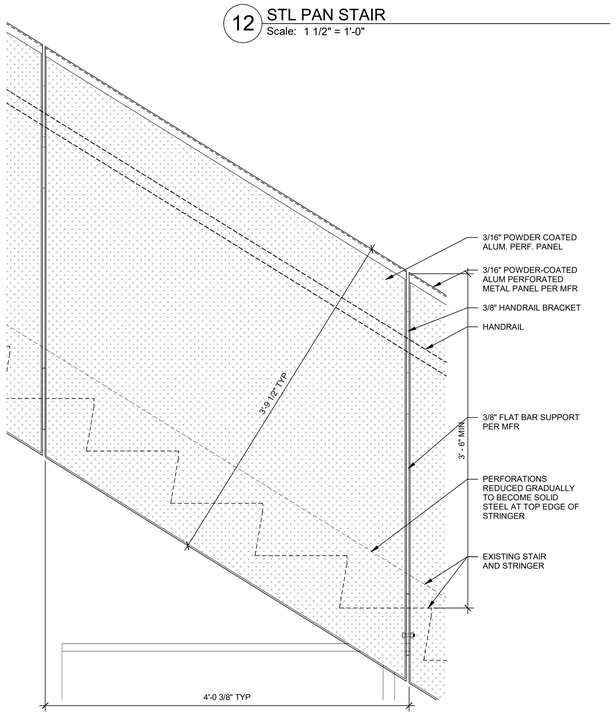
6 HANDRAIL POST @ DECK
Scale: 1 1/2" = 1'-0"



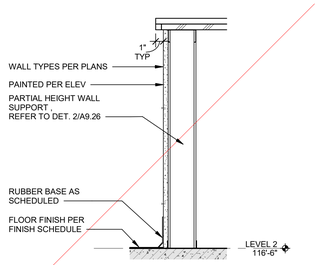
12 STL PAN STAIR
Scale: 1 1/2" = 1'-0"



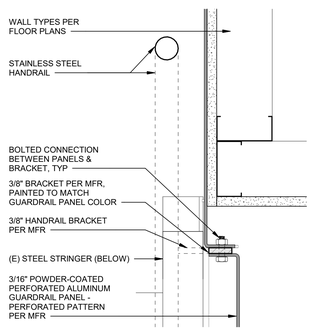
7 HANDRAIL POST @ GROUND
Scale: 1 1/2" = 1'-0"



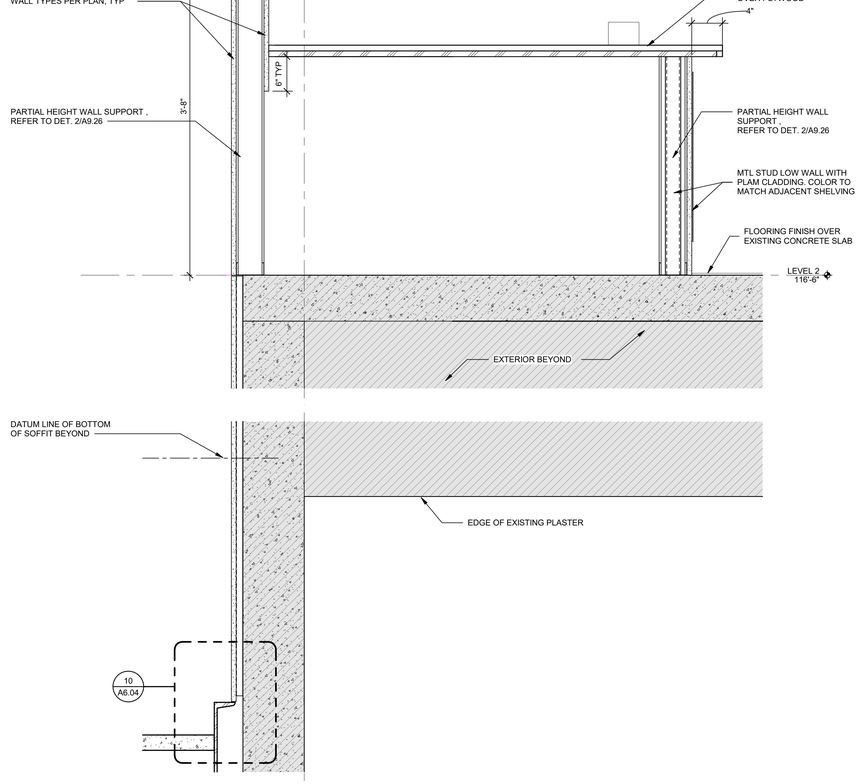
16 GUARDRAIL ELEVATION - SLOPED
Scale: 1 1/2" = 1'-0"



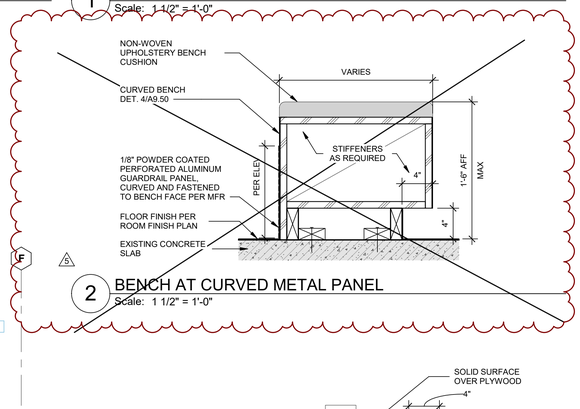
8 PERFORATED PANEL @ CASEWORK
Scale: 1 1/2" = 1'-0"



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

2	Post-Plan Check Changes	7/31/25
5	Add-03	9/17/25

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VERTICAL CIRCULATION DETAILS

A6.04

Attachment 23

ABBREVIATIONS

AL	ALUMINUM
BOF	BOTTOM OF FRAME
FF	FACTORY FINISH
GL	GLASS
H	HINGE (JAMB)
HR	HOUR
MFR	MANUFACTURER
PLAM	PLASTIC LAMINATE
PR	PAIR OF DOORS
PT	PAINT
S	STRIKE (JAMB)
SG	SAFETY GLASS
SS	STAINLESS STEEL
STL	STEEL
STN	STAIN & VARNISH
TOF	TOP OF FRAME
WD	WOOD

DOOR & WINDOW CODED NOTES

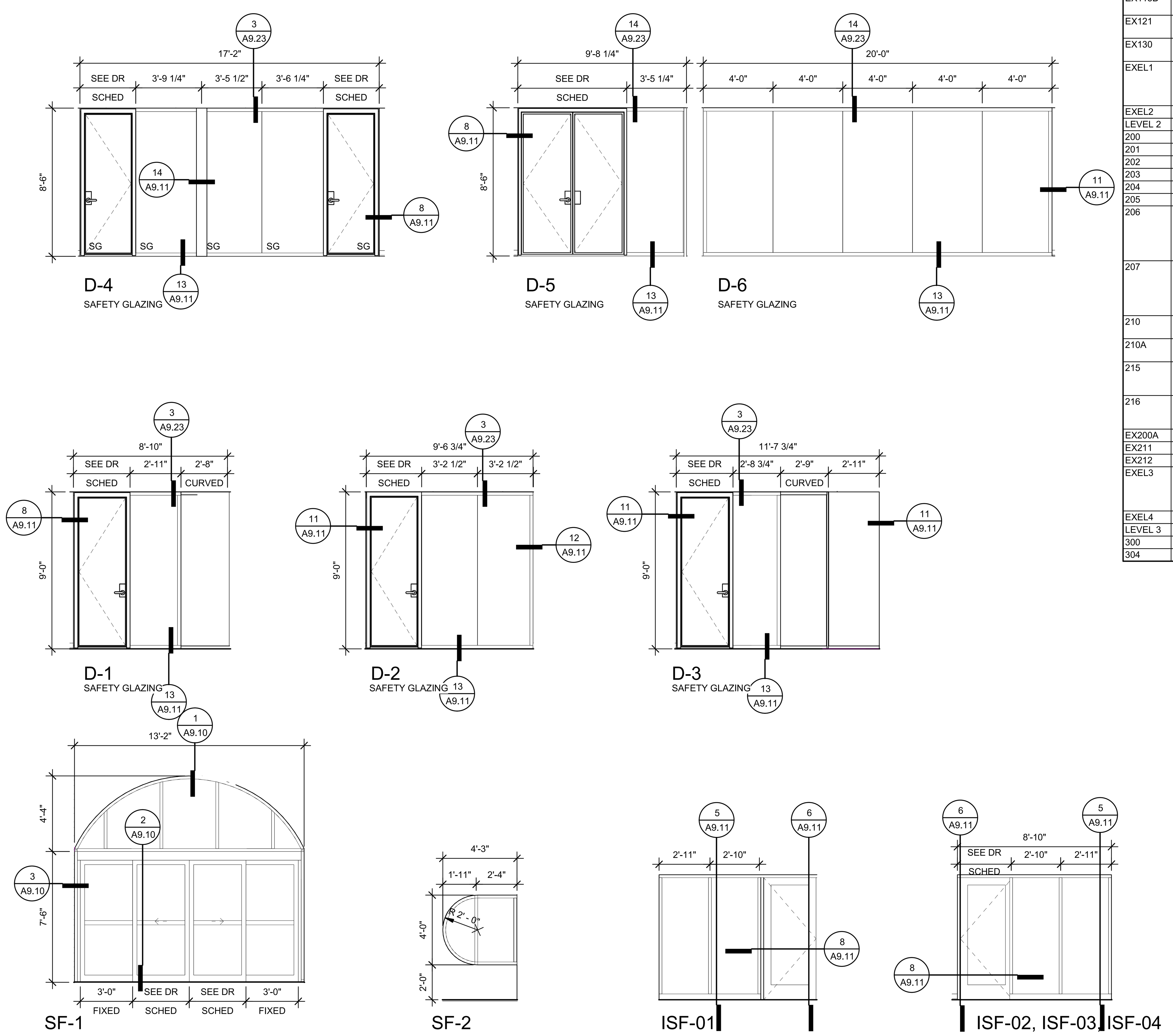
1. DOOR OR WINDOW SEALED TO PREVENT PASSAGE OF SMOKE.
2. TOTAL DOOR - VERIFY & FIT DOOR TO EXACT CORRIDOR WIDTH PRIOR TO DOOR/ FRAME FABRICATION.
3. PADDING FULL WIDTH & HEIGHT (EXCEPT AREA OF LITE) OF ROOM ### FACE OF DOOR, SEE FINISH SCHEDULE FOR COORD WITH WALL PADDING.
4. SCHEDULED DOOR WIDTH IS NOMINAL. EXACT DOOR WIDTH TO BE VERIFIED BASED ON ACTUAL MASONRY OPENING.
5. POWER ASSISTED DOOR OPERATOR.
6. PROVIDE LOUVERS IN DOOR.
7. 4" HEAD FRAME.
8. EACH PANE OF SAFETY GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE IDENTIFIED BY A MANUFACTURER'S DESIGNATION SPECIFYING WHO APPLIED THE DESIGNATION, THE MANUFACTURER OR INSTALLER AND THE SAFETY-GLAZING STANDARD. THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSED OF SAFETY GLAZING. (2406.4)
   - A. GLAZING IN ALL FIXED AND OPERABLE PANELS OR SWINGING, SLIDING AND BIFOLD DOORS.
   - B. FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE OF THE GLAZING IS WITHIN 24-IN. ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60-IN. ABOVE THE WALKING SURFACE.
   - C. FIXED OR OPERABLE PANEL WHICH MEETS ALL THE FOLLOWING CONDITIONS:
     - i. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ. FT.
     - ii. EXPOSED BOTTOM EDGE LESS THAN 18-IN. ABOVE THE FLOOR.
     - iii. EXPOSED TOP EDGE GREATER THAN 36-IN. ABOVE THE FLOOR.
     - iv. ONE OR MORE WALKING SURFACES WITHIN 36-IN, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE PLANE OF THE GLAZING.
   - D. GUARDS AND RAILINGS REGARDLESS OF AREA OR HEIGHT ABOVE A WALKING SURFACE. INCLUDED ARE STRUCTURAL BALUSTER PANELS AND NONSTRUCTURAL IN-FILL PANELS.
   - E. WALLS, ENCLOSURES AND FENCES CONTAINING OR FACING HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS, AND SWIMMING POOLS WHERE ALL THE FOLLOWING CONDITIONS ARE PRESENT:
     - i. THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60-IN, MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE.
     - ii. THE GLAZING IS WITHIN 60-IN, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, FROM THE WATER'S EDGE OF A BATHTUB, HOT TUB, SPA, WHIRLPOOL, OR SWIMMING POOL.
   - F. ADJACENT TO STAIRWAYS, LANDINGS, AND RAMPS WITHIN 36-IN. HORIZONTALLY OF A WALKING SURFACE, WHEN THE EXPOSED SURFACE OF THE GLASS IS LESS THAN 60-IN. ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.
   - G. ADJACENT TO THE LANDING AT THE BOTTOM OF A STAIRWAY WHERE THE GLAZING IS LESS THAN 60-IN HORIZONTAL ARC THAT IS LESS THAN 180 DEGREES FROM THE BOTTOM TREAD NOSING.
   - H. FIRE DEPARTMENT GLASS ACCESS PANELS.

GENERAL DOOR, WINDOW & STOREFRONT NOTES

1. ALL DOORS TO BE 1 3/4" THICK, UNLESS NOTED OTHERWISE.
2. SEE SPECIFICATIONS FOR ALL DOOR, RELITE, SIDELITE AND TRANSOM GLAZING TYPES.
3. SEE SHEET A9.10, A9.11, AND A9.12 FOR DOOR FRAME / DOOR, SIDELITE AND STOREFRONT DETAILS.
4. "FIRE RATING" COLUMN NUMBERS INDICATES THE RATING IN MINUTES, UNLESS NOTED OTHERWISE.
5. GLAZING DIMENSIONS FOR DOOR TYPES ARE TO INSIDE OF FRAME (CLEAR GLAZING AREA). ACTUAL CUTOUT AND TOTAL FRAME WILL BE SLIGHTLY LARGER.
6. RELITE GLAZING AND STOP TO OCCUR ON CORRIDOR SIDE OF FRAME, UNLESS NOTED OTHERWISE.
7. ALL DOOR HANDLES TO BE LEVER TYPE COMPLYING WITH ADA.
8. ALL RELITE GLAZING AND LITES IN DOORS TO BE TEMPERED GLASS.
9. EXISTING DOORS LISTED IN THIS SCHEDULE ARE RECEIVING NEW HARDWARE. EXISTING DOORS AND EXISTING FRAMES TO BE PATCHED AND REPAIRD AND TO BE PAINTED.
10. EXISTING FIRE RATED DOORS ARE LIMITED TO FIELD MODIFICATIONS ALLOWED IN NFPA 80. ANY FIELD MODIFICATIONS OUTSIDE OF THESE ALLOWANCES WILL REQUIRE THE DOOR TO BE RE-CERTIFIED IN THE FIELD OR THE DOOR/FRAME MAY NEED TO BE REPLACED TO MAINTAIN FIRE RATING OF OPENING.
11. REFER TO SPECIFICATIONS FOR LOCATIONS OF LAMINATED AND TEMPERED GLASS.
12. STOREFRONT DIMENSIONS SHOWN INDICATE ROUGH OPENING DIMENSION.
13. ALL EXTERIOR GLAZING TO BE CERIFIED BY INDEPENDENT AGENCY FOR SOLAR HEAT GAIN COEFFICIENT AND U-VALUE.
14. WINDOW DIMENSIONS SHOWN INDICATE ROUGH OPENINGS. FIELD VERIFY ACTUAL OPENING DIMENSION.

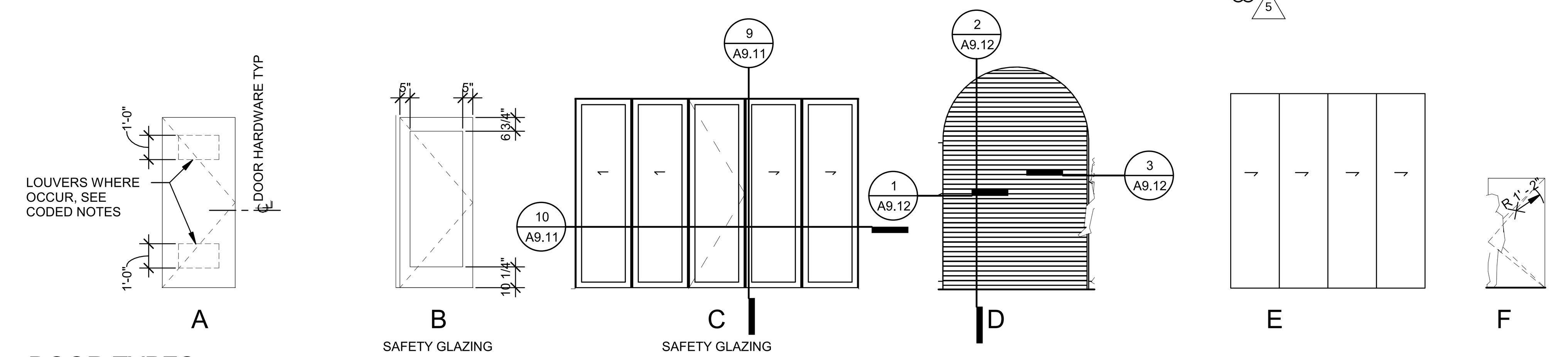
DOOR SCHEDULE

						DOOR			FRAME			DETAILS									
DOOR NO	ROOM REFERENCE	PR	DOOR LEAF A	DOOR LEAF B	DOOR HT	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	HINGE JAMB	STRIKE JAMB	SILL	FIRE RATING	ACCESS CONTROL	HARDWARE NOTES	HARDWARE GROUP	REMARKS	DOOR NO
BASEMENT LEVEL																					
B02	ELEVATOR EQUIP		3'-0"		7'-0"	(E) A	(E) HM		F-1	(E) HM	-	(E)	(E)	(E)	-				36 △5		B02
B03	ELECTRICAL ROOM		3'-0"		7'-0"	(E) A	(E) HM		F-1	(E) HM	-	(E)	(E)	(E)	-				37		B03
EX001	BASEMENT MECH	PR	3'-0"	3'-0"	7'-0"	A	(E) HM	PT	F-2	(E) HM	PT	(E)	(E)	(E)	-			LEVER, LOCK, DEADBOLT ON INACTIVE LEAF		MAIN DOOR BASEMENT / UTILITY RM ONLY	EX001
LEVEL 1																					
100	MAIN ENTRANCE		12'-10"		7'-6"	-	AL	FF	F-#	AL	AL	2/A9.10	3/A9.10	3/A9.10	2/A9.10		INTRUSION		01	MAIN ENTRY DOOR / SLIDING DOOR	100
101B	EXIT TEENS		3'-0"		7'-0"	A	HM	PT	F-1	HM	PT	6/A9.10	8/A9.10	8/A9.10	7/A9.10		INTRUSION / LOCALIZED ALARM	PH, CLOSER	03	EXIT DOOR FROM TEENS	101B
103A	EGRESS MAKER SPACE		3'-0"		7'-0"	B	AL/GL	FF	F-1	STL	PT	6/A9.11	8/A9.11	8/A9.11	6/A9.11		--	LEVER, NO CLOSER	06	EGRESS DOOR MAKER SPACE	103A
104	STUDY T1		3'-0"		7'-0"	B	AL		-	-	-	6/A9.11	8/A9.11	8/A9.11	6/A9.11				05		104
105	STUDY T2		3'-0"		7'-0"	B	AL		-	-	-	6/A9.11	8/A9.11	8/A9.11	6/A9.11				05		105
106	TEEN LIBRARIAN		3'-0"			B	AL/GL		F-1	AL	FF	3/A9.23	11/A9.11	11/A9.11	13/A9.11		CARD READER		08	DOOR WITHIN STOREFRONT SYSTEM	106
107	(E) CHILDREN'S LIBRARIAN					B	AL/GL		F-1	AL	FF	3/A9.23	11/A9.11	11/A9.11	13/A9.11		CARD READER		08	DOOR WITHIN STOREFRONT SYSTEM	107
108	STAFF AREA		3'-0"		7'-0"	A	WD	FF (SEALED)	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25		CARD READER	CLOSER, HOLD OPEN, PROTECTION PLATE ON PUSH SIDE, WALL MOUNTED DOOR STOP	12		108
108A	STAFF AREA		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25		--	CLOSER, HOLD OPEN, PROTECTION PLATE ON PUSH SIDE, WALL MOUNTED DOOR STOP	16		108A
109	(E) CLM					B	AL/GL		F-1	AL	FF	3/A9.23	11/A9.11	11/A9.11	13/A9.11		CARD READER		08	DOOR WITHIN STOREFRONT SYSTEM	109
110	VESTIBULE		6'-0"		9'-6"	D	-	FF (SEALED)		-	-	2/A9.12	1/A9.12	3/A9.12	2/A9.12			ALL HARDWARE BY THE ROLL UP GRILLE MANUFACTURER	34 △5	DOOR AND ALL ASSOCIATED HARDWARE BY DOOR MANUFACTURER	110
111	WOMEN'S TR		3'-0"		7'-0"	A	WD	FF (SEALED)	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	10/A9.25		DOOR RELEASE	LEVER, CLOSER, HOLD OPEN, PROTECTION PLATES BOTH SIDES, WALL MOUNTED DOOR STOP	15	DOOR RELEASE BACK TO CIRCULATION DESK / WHAT IS MOST DURABLE HOLD OPEN OPTION (CLOSER, WALL OR FLOOR MOUNTED. PROVIDE OPTION FOR CLIENT REVIEW) VINYL GRAPHICS ON DOOR, REFER TO SIGNAGE PLAN	111
112	MEN'S TR		3'-0"		7'-0"	A	WD	FF (SEALED)	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	10/A9.25		DOOR RELEASE	LEVER, CLOSER, HOLD OPEN, PROTECTION PLATES BOTH SIDES, WALL MOUNTED DOOR STOP	15	DOOR RELEASE BACK TO CIRCULATION DESK / WHAT IS MOST DURABLE HOLD OPEN OPTION (CLOSER, WALL OR FLOOR MOUNTED. PROVIDE OPTION FOR CLIENT REVIEW) PROVIDE VINYL GRAPHIC ON DOOR. REFER TO SIGNAGE PLAN	112
113	COMMUNITY MTG RM		3'-0"		7'-0"	A	WD	FF (SEALED)	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25		CARD READER	LOCK, LEVER, NO CLOSER	13		113
113A	COMMUNITY MTG TO CHILDREN'S	PR	3'-0"	3'-0"	7'-0"	A	WD	FF (SEALED)	F-2	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25		CARD READER	LOCK, LEVER, NO CLOSER, DEADBOLT ON INACTIVE LEAF (NO CENTER MULLION), DOOR STOP,	14	AFTER HOUR USE OF MTG RM	113A
113B	COMMUNITY MTG RM		3'-0"		7'-0"	B	AL/GL	FF	F-1	AL	FF	4/A9.10	5/A9.10	5/A9.10	8/A9.10		INTRUSION	PH, CLOSER	11	GLASS DOOR TO EXTERIOR	113B
113C	COMMUNITY MTG RM		3'-0"		7'-0"	B	AL/GL	FF	F-1	AL	FF	4/A9.10	5/A9.10	5/A9.10	8/A9.10		INTRUSION, CARD READER	PH, CLOSER	10	GLASS DOOR TO EXTERIOR	113C
113D	COMMUNITY MTG RM		2'-4"		4'-6"	F	WD	FF (SEALED)	F-1	WD	PT	7/A9.11	7/A9.11	7/A9.11	5/A9.25		--	LOCK, LEVER, NO CLOSER	18		113D
113E	COMMUNITY MTG RM KITCHENETTE		2'-0"	0"	8'-0"	E	WD	FF (SEALED)		-	-	22/A9.11			22/A9.11			LOCK, TOP-HUNG	07 △5	FOLDING DOOR WITH HAEFELE HARDWARE ITEM 943.29.010 OR EQUAL. PROVIDE LOCK. DOOR CONTAINS 4 EQUAL LEAVES.	113E
114	STORAGE	PR	3'-0"	3'-0"	7'-0"	A	WD	FF (SEALED)	F-2	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25			LOCK, DEAD BOLT ON INACTIVE LEAF, NO CENTER MULLION	17		114
115A	BOH CORRIDOR		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25	1 HR		PH, CLOSER, PROTECTION PLATE ON PUSH SIDE, HOLD OPEN WITH MAGNET TIED TO FA	20		115A
116	STAFF TR2		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25			PRIVACY LOCK, LEVER, CLOSER, HOLD OPEN, PROTECTION PLATES BOTH SIDES, WALL MOUNTED DOOR STOP	22	WHAT IS MOST DURABLE HOLD OPEN OPTION (CLOSER, WALL OR FLOOR MOUNTED. PROVIDE OPTION FOR CLIENT REVIEW)	116
117	JANITOR		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25			LEVER, CLOSER, HOLD OPEN, PROTECTION PLATE ON PUSH SIDE	26		117
118	STORAGE		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25			PRIVACY LOCK, LEVER, NO CLOSER	39 △5		118
119	STAFF TR1		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25			PRIVACY LOCK, LEVER, CLOSER, HOLD OPEN, PROTECTION PLATES BOTH SIDES, WALL MOUNTED DOOR STOP	22		119
120	STORAGE		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25			LEVER, NO CLOSER, DOOR STOP	18		120
B05	MAKER SPACE					C	AL/GL	FF	F-3	AL	FF	24/A9.11	25/A9.11	25/A9.11	24/A9.11		--		07A △5	FOLDING GLASS DOOR	B05
EX102	CHILDREN'S		3'-0"		7'-0"	(E) A	(E) HM	PT	F-1	(E) HM	PT	(E)	(E)	(E)	-	(E) 45 MINS	INTRUSION / LOCAL ALARM	PH, CLOSER	04	EXISTING EXTERIOR DOOR / REPAINT DOOR AND FRAME	EX102
EX115	BOH CORRIDOR (TEENS)		3'-0"		7'-0"	(E) A	(E) WD	PT	F-1	(E) HM	PT	(E)	(E)	(E)	-		CARD READER	LEVER, CLOSER, PROTECTION PLATE ON PUSH SIDE	28	CONVENIENCE DOOR FOR STAFF ONLY / REPAINT DOOR AND FRAME	EX115
EX115A	STAIR 2		3'-0"		7'-0"	(E) A	(E) WD	PT	F-1	(E) HM	PT	(E)	(E)	(E)	-	(E) 1 HR		PH, CLOSER, PROTECTION PLATE ON PUSH SIDE, DOOR STOP	23		EX115A
EX115B	CORRIDOR		3'-0"		7'-0"	(E) A	(E) HM	PT	F-1	(E) HM	PT	(E)	(E)	(E)	-	(E) 45 MINS	INTRUSION / CARD READER	PH, CLOSER, PROTECTION PLATE ON PUSH SIDE, DOOR STOP	25	(E) DOOR TO EXTERIOR / REPAINT DOOR AND FRAME	EX115B
EX121	STAFF LOUNGE		3'-0"		7'-0"	(E) A	(E) WD	PT	F-1	(E) HM	PT	(E)	(E)	(E)	-			LEVER, CLOSER, PROTECTION PLATE ON PUSH SIDE, WALL MOUNTED DOOR STOP	29		EX121
EX130	STAIR 3		3'-0"		7'-0"	(E) A	(E) HM	PT	F-1	(E) HM	PT	(E)	(E)	(E)	-	(E) 45 MINS	INTRUSION	PH, CLOSER, PROTECTION PLATE ON PUSH SIDE	27	(E) DOOR TO EXTERIOR / REPAINT DOOR AND FRAME	EX130
EXEL1	PUBLIC ELEVATOR		3'-6"		7'-0"	-	(E) AL		-	(E) HM	PT Accent Color 3 BLUSH	(E)	(E)	(E)	-				02 △5	(E) ELEVATOR DOOR △5	EXEL1
EXEL2	STAFF ELEVATOR		3'-6"		7'-0"	-	(E) AL		-	(E) HM	FF	(E)	(E)	(E)	-				02 △5	(E) ELEVATOR DOOR △5	EXEL2
LEVEL 2																					
200	AIRC RESEARCH	PR	3'-0"	3'-0"	7'-0"	B	AL/GL	FF	F-1	AL	FF	27/A9.23	11/A9.11	11/A9.11	13/A9.11				35 △5		200
201	AIRC INFO		3'-0"		7'-0"	B	AL/GL	FF	F-1	AL	FF	6/A9.11	8/A9.11	8/A9.11	6/A9.11			LEVER, NO CLOSER, DOOR STOP	24		201
202	AIRC OFFICE		3'-0"		7'-0"	B	AL		-	-	-	6/A9.11	8/A9.11	8/A9.11	6/A9.11				08		202
203	AIRC GROUP STUDY		3'-0"		7'-0"	B	AL		-	-	-	6/A9.11	8/A9.11	8/A9.11	6/A9.11				05		203
204	STUDY 2				7'-0"	B	AL/GL	FF	F-1	AL	FF	3/A9.23	11/A9.11	11/A9.11	13/A9.11				05	DOOR WITHIN STOREFRONT SYSTEM	204
205	STUDY 1				7'-0"	B	AL/GL	FF	F-1	AL	FF	3/A9.23	11/A9.11	11/A9.11	13/A9.11				05	DOOR WITHIN STOREFRONT SYSTEM	205
206	PUBLIC TR 1		3'-0"		7'-0"	A	WD	FF (SEALED)	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25		DOOR RELEASE	PRIVACY LOCK, LEVER, CLOSER, HOLD OPEN, PROTECTION PLATES BOTH SIDES, WALL MOUNTED DOOR STOP	15 △5	DOOR RELEASE BACK TO INFO DESK / WHAT IS MOST DURABLE HOLD OPEN OPTION (CLOSER, WALL OR FLOOR MOUNTED. PROVIDE OPTION FOR CLIENT REVIEW)	206
207	PUBLIC TR 2		3'-0"		7'-0"	A	WD	FF (SEALED)	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25		DOOR RELEASE	PRIVACY LOCK, LEVER, CLOSER, HOLD OPEN, PROTECTION PLATES BOTH SIDES, WALL MOUNTED DOOR STOP	15 △5	DOOR RELEASE BACK TO INFO DESK / WHAT IS MOST DURABLE HOLD OPEN OPTION (CLOSER, WALL OR FLOOR MOUNTED. PROVIDE OPTION FOR CLIENT REVIEW)	207
210	BOH STAFF AREA		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25			PH, CLOSER, PROTECTION PLATE ON PUSH SIDE, WALL MOUNTED DOOR STOP, HOLD OPEN	21		210
210A	STAFF AREA		3'-0"		7'-0"	A	WD	FF (SEALED)	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25		CARD READER	LEVER, CLOSER, PROTECTION PLATE ON PUSH SIDE, DOOR STOP	09	BOH ACCESS	210A
215	STAFF TR2		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25			PRIVACY LOCK, LEVER, CLOSER, HOLD OPEN, PROTECTION PLATES BOTH SIDES, WALL MOUNTED DOOR STOP	22		215
216	STAFF TR1		3'-0"		7'-0"	A	WD	PT	F-1	HM	PT	2/A9.11	1/A9.11	1/A9.11	5/A9.25			PRIVACY LOCK, LEVER, CLOSER, HOLD OPEN, PROTECTION PLATES BOTH SIDES, WALL MOUNTED DOOR STOP	22		216
EX200A	STAIR 3		3'-0"		7'-0"	(E) A	(E) WD		F-1	(E) HM	PT	(E)	(E)	(E)	-		LOCAL ALARM	PH, CLOSER, PROTECTION PLATE ON PUSH SIDE	32		EX200A
EX211	JANITOR		2'-8"		7'-0"	(E) A	WD		F-1	(E) HM	PT	(E)	(E)	(E)	-			(E) DOOR LOUVER WITH FIRE SHUTTER	30		EX211
EX212	STAIR 2		3'-0"		7'-0"	(E) A	(E) WD		F-1	(E) HM	PT	(E)	(E)	(E)	-	(E) 1 HR		PH, CLOSER, PROTECTION PLATE ON PUSH SIDE	31		EX212
EXEL3	PUBLIC ELEVATOR		3'-6"		7'-0"	-	(E) AL		-	(E) HM	PT Accent Color 3 BLUSH	(E)	(E)	(E)	-				02 △5	(E) ELEVATOR DOOR △5	EXEL3
EXEL4	STAFF ELEVATOR		3'-6"		7'-0"	-	(E) AL		-	(E) HM	FF	(E)	(E)	(E)	-				02 △5	(E) ELEVATOR DOOR △5	EXEL4
LEVEL 3																					
300	STAIR 3		3'-0"		7'-0"	(E) A	(E) HM		F-1	STL	PT	(E)	(E)	(E)	-				23		300
304	MCR		3'-0"		7'-0"	A	HM	PT	F-1	HM	-	2/A9.11	1/A9.11	1/A9.11	-				38 △5		304



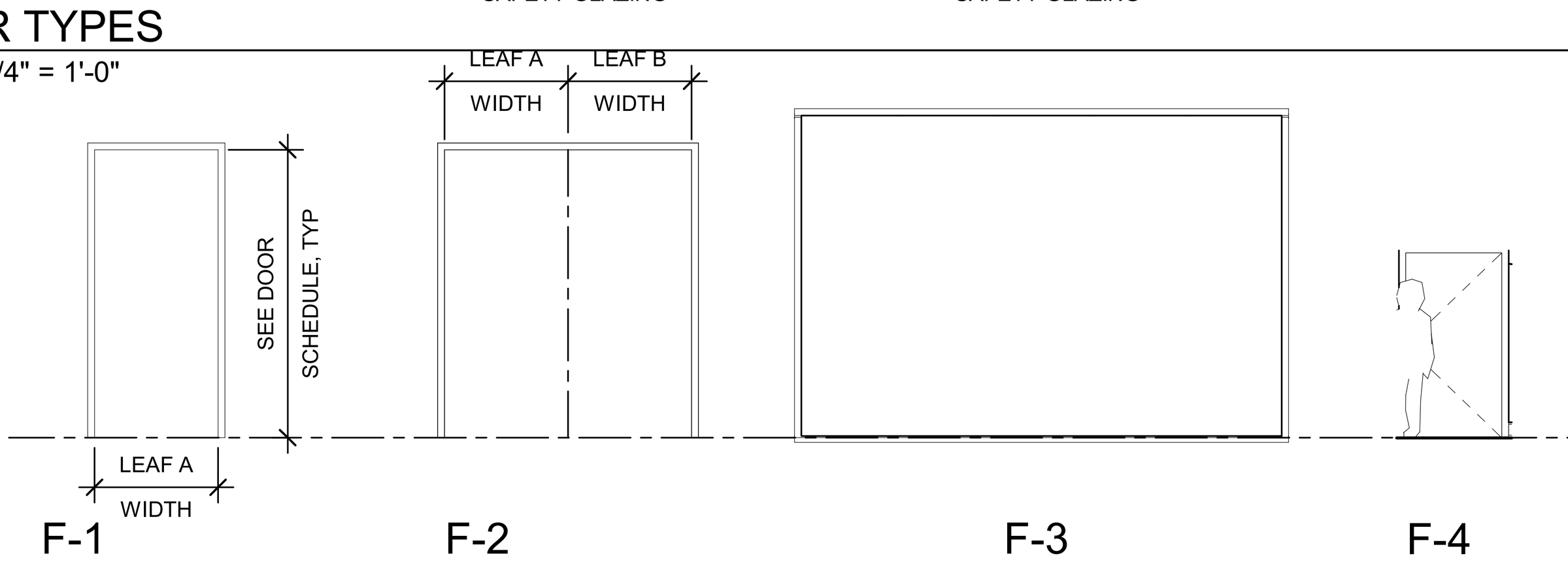
STOREFRONT TYPES

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



DOOR TYPES

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



FRAME TYPES - DOOR

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

REVISIONS

2 Post-Plan Check Changes 7/31/25

5 ADDEDUM 3 09/19/25

95% CONSTRUCTION DOCUMENTS

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DOOR & STOREFRONT TYPES & SCHEDULES

A8.00

BASIS OF DESIGN (ACCESS CONTROL)

1. THE INTENT AND PURPOSE OF THE ACCESS CONTROL SYSTEM IS TO PROVIDE CONTROLLED ENTRY INTO THE BUILDING AND SPECIFIC ROOMS OF THE BUILDING AS DEFINED BY THE OWNER. ACCESS TO INDIVIDUAL UNITS SHALL BE THROUGH USE OF TRADITIONAL LOCKS AND KEYS, AND SHALL NOT BE PART OF THE ACCESS CONTROL SYSTEM.

2. THE SYSTEM SHALL USE ACCESS READERS AND KEYFOBS. ACCESS READERS SHALL BE INSTALLED AS INDICATED ON THE PLANS AND AS DEFINED BY THE OWNER. THE SYSTEM SHALL BE PROGRAMMABLE LOCALLY AND/OR REMOTELY. GRAPHICAL AND CONTROL INTEGRATION SOFTWARE SHALL BE PROVIDED INCLUDING REQUIRED SERVER, COMPUTER AND DISPLAY.

3. THE ACCESS CONTROL SYSTEM SHALL CONSIST OF, BUT NOT LIMITED TO THE FOLLOWING COMPONENTS:
   A. ACCESS CONTROL PANEL WITH EXPANSION BOARDS AND REQUIRED LICENSES
   B. WORKSTATION AND/OR SERVER
   C. PROXIMITY ACCESS READERS
   D. CREDENTIALS (KEYFOBS)
   E. MAGNETIC DOOR CONTACTS
   F. ELECTRIFIED DOOR HINGES AND STRIKES (COMPATIBLE WITH DOOR PANIC HARDWARE)
   G. REQUEST–TO–EXIT SENSORS
   H. POWER SUPPLIES
   I. CABLING (SHIELDED AND/OR PLENUM–RATED AS REQUIRED)

4. THE ACCESS CONTROL SYSTEM SHALL BE INTEGRATED WITH THE INTRUSION DETECTION SYSTEM. INTEGRATION WITH THE INTRUSION DETECTION SYSTEM SHALL PROVIDE A MOMENTARY CONTACT CLOSURE SIGNAL FOR THE PROGRAMMED DISARMING OF THE SYSTEM AT SPECIFIC DOORS OR AREAS OF THE BUILDING.

5. THE ACCESS CONTROL SYSTEM SHALL BE INTEGRATED WITH THE CCTV SYSTEM. INTEGRATION WITH THE CCTV SYSTEM SHALL BE AS "ALARM MODE" WHERE ONE OR MORE CAMERAS MAY BE ASSOCIATED WITH ACCESS–CONTROLLED DOORS, GATES OR MONITORED AREAS.
   A. ASSOCIATED CAMERAS SHALL BE PROGRAMMED TO AUTOMATICALLY PRE–POSITION OR "CALLED" INTO ALARM MODE BY THE ACCESS CONTROL SYSTEM. VIDEO CAPTURED BY CAMERA SHALL BE DISPLAYED IN FULL–SCREEN VIEW ON THE CCTV WORKSTATION AND RECORDED AS "ALARM/EVENT MODE."
   B. SYSTEM SHALL ALLOW CAMERAS TO INITIATE PRE–POSITIONING, VIEWING AND RECORDING. WHEN TWO OR MORE CAMERAS ARE SIMULTANEOUSLY DESIGNATED FOR EVENT RECORDING, THEY SHALL EACH BE RECORDED IN "ALARM/EVENT" MODE AND BE DISPLAYED ON ONE SCREEN.

7. ALL DOOR HARDWARE COMPONENTS SHALL BE PART OF AND COORDINATED WITH PROJECT DOOR SCHEDULES AND DOOR INSTALLING CONTRACTOR.

8. THE INTENT OF THE PLAN DRAWINGS IS TO GUIDE THE CONTRACTOR IN THE INSTALLATION AND IMPLEMENTATION OF THE SYSTEM, AND SHALL NOT BE CONSIDERED AS FINAL OR COMPLETE DESIGN. THE CONTRACTOR SHALL INCLUDE AS PART OF HIS BID ALL REQUIRED MATERIALS AND LABOR, INCLUDING BUT NOT LIMITED TO ACCESS CONTROL DEVICES, CABLING, CONNECTIONS, PATHWAYS, FIRESTOPPING, HARDWARE, SOFTWARE, UPS/BATTERY BACKUP, PROGRAMMING AND INTERFACE WITH OTHER SYSTEMS, LICENSES AND WARRANTIES, FOR A COMPLETE AND FULLY–OPERATIONAL SYSTEM.

9. THE LIST BELOW SHALL BE UTILIZED AS BASIS OF DESIGN FOR THE ACCESS CONTROL SYSTEM. IT IS NOT A COMPLETE LIST OF PARTS/MATERIALS BUT A GUIDE. CONTRACTOR SHALL AUGMENT AND PROVIDE ALL COMPONENTS NECESSARY FOR A COMPLETE AND FULLY–OPERATIONAL SYSTEM.
   A. APPROVED MANUFACTURERS: RS2 TECHNOLOGIES, ALLEGION AND HID
   B. SYSTEM CONTROLLER: RS2 TECHNOLOGIES SYSTEM CONTROLLER WITH ENTERPRISE–WIDE "ACCESS IT!" SOFTWARE AND WEB LICENSE "ACCESS IT!" UNIVERSAL BROWSER INTERFACE
   C. PROXIMITY READERS: HID MULTI CLASS SE READER (13.56MHZ), HID RP10, RP15, RP40. PROVIDE WITH OPTIONAL IP65GSKT GASKET FOR EXTERIOR DEVICE LOCATIONS.
   D. CREDENTIALS (KEY FOBS): HID iCLASS KEY II (13.56MHZ)
   E. POWER SUPPLIES: ALTRONIX AL600 SERIES
   F. UPS: APC SMART UPS (4–HOURS MINIMUM)
   G. PANIC HARDWARE: VON DUPRIN SERIES #99 OR #33 (WITH ELECTRIFIED TRIM)
   H. MAGNETIC DOOR CONTACTS: SENTROL 1078CT
   I. REQUEST–TO–EXIT SENSORS: BOSCH DS160
   J. ACCESS CONTROL CABLES (SHIELDED AND/OR PLENUM–RATED AS REQUIRED):
      - LOCK/POWER – 14AWG/2C
      - PROXIMITY READER – 18AWG/6C
      - DOOR CONTACT – 18AWG/2C
      - REQUEST–TO–EXIT – 18AWG/4C

GENERAL NOTES (ACCESS CONTROL)

1. CONTRACTOR SHALL PROVIDE INSTALLATION AND PROGRAMMING OF A COMPLETE AND FULLY–OPERATIONAL ACCESS CONTROL SYSTEM. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, ENGINEERING, DESIGN, TESTING AND COMMISSIONING AS PART OF THE SCOPE OF WORK.

2. ACCESS CONTROL SYSTEM, AT A MINIMUM, SHALL INCLUDE A DIGITAL ALARM COMMUNICATOR, BUILT–IN TELEPHONE LINE MONITOR, MEMORY LOGGER (500 EVENT MINIMUM), REAL TIME CLOCK, CALENDAR, TEST TIMER, BATTERY CHARGING/VOLTAGE SUPERVISION CIRCUITRY, BATTERY LEAD SUPERVISION, DIAGNOSTICS, TIME/EVENT BASED SCHEDULING AND ALL MODULES AND COMPONENTS FOR A COMPLETE AND OPERABLE SYSTEM.

3. SYSTEM SHALL:
   A. BE SCALABLE TO SUPPORT INDEPENDENT DEVICE ZONES (SINGLE DEVICE OR GROUP OF DEVICES GROUPED TOGETHER), EACH WITH INTERIOR AND PERIMETER PARTITIONING. QUANTITY OF ZONES AND DEVICES DEPENDENT ON PROJECT AND TO BE COORDINATED WITH THE OWNER.
   B. PROVIDE IDENTIFICATION, ANNUNCIATION AND COMMUNICATION OF ALL DEVICES ON A POINT–BY–POINT BASIS, INCLUDING EACH ACCESS CONTROL BY USER NUMBER.
   C. BE CAPABLE OF LOCALLY OR REMOTE PROGRAMMING.
   D. BE PROVIDED WITH SECONDARY POWER BACK–UP
      - VIA BATTERIES. BATTERIES TO BE SIZED FOR MINIMUM (60) HOUR SUPERVISION AND (15) MINUTES OF ALARM. BATTERY CHARGER TO BE SIZED BASED ON BATTERY CAPACITIES.
      - VIA EMERGENCY GENERATOR OR BUILDING BATTERY INVERTER.
      - ALLOW REAL–TIME STATUS MONITORING/VIEWING OF DEVICES AND UNIT AND AREA EVENTS (AC FAIL, BATTERY FAIL, UNIT CONNECTED/LOST, AREA ARM/DISARM, INPUT TROUBLE, ETC.)

4. CABLING FROM EACH FIELD DEVICE SHALL BE HOMERUN TO THE ACCESS CONTROL PANEL (ACCP) OR ACCESS CONTROL TERMINAL CABINET (ACTC). DAISY CHAINING OF DEVICES IS NOT ACCEPTABLE WITHOUT A WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND/OR OWNER/ARCHITECT PRIOR TO PRODUCTION OF SYSTEM SHOP DRAWINGS AND INSTALLATION OF ANY DEVICES.

KEYNOTES (ACCESS CONTROL)

[1] ACCESS CONTROL PANEL (ACCP). PROVIDE A KEYED LOCKABLE ENCLOSURE, DIGITAL ALARM COMMUNICATOR, 120 VOLT POWER SUPPLY AND TRANSFORMER, SECONDARY BATTERIES (OR CONNECTION TO SUPPLEMENTAL EMERGENCY POWER) AND CHARGER, OWNER'S MANUAL, WARRANTY STATEMENT. PROVIDE ALL MODULES AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.

[2] TELEPHONE SYSTEM BACKUP INTERFACE. PROVIDE (1) CAT 6 4–PAIR UTP CABLE TO ACCESS CONTROL PANEL. COORDINATE PHONE LINE REQUIREMENTS WITH OWNER/ARCHITECT.

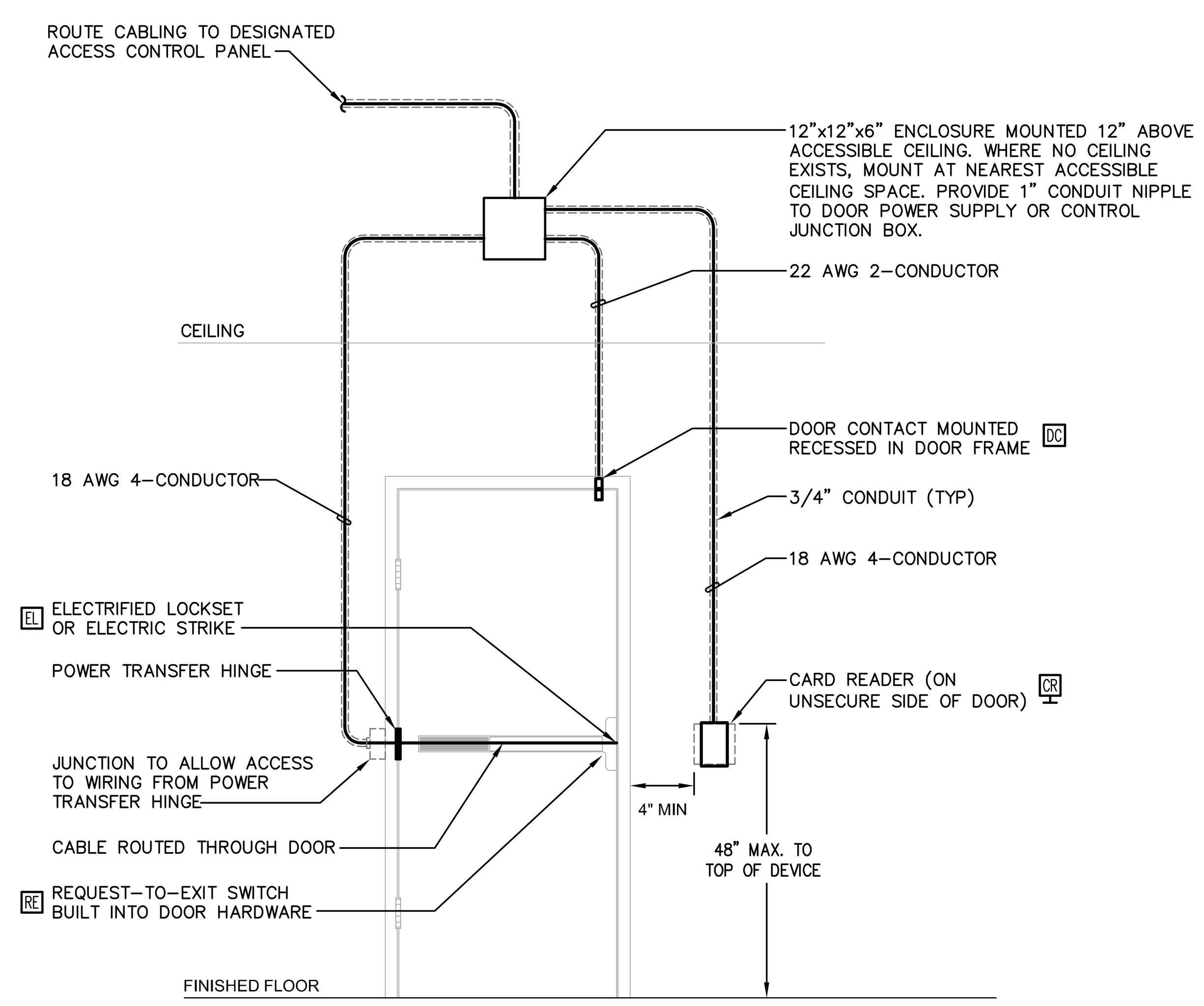
[3] PRIMARY ETHERNET SYSTEM INTERFACE. PROVIDE (1) CAT 6 4–PAIR UTP CABLE TO ACCESS CONTROL PANEL. COORDINATE REQUIREMENTS WITH OWNER/ARCHITECT.

[4] FLUSH–MOUNT DOOR CONTACT (SEPARATE FROM INTRUSION DETECTION).

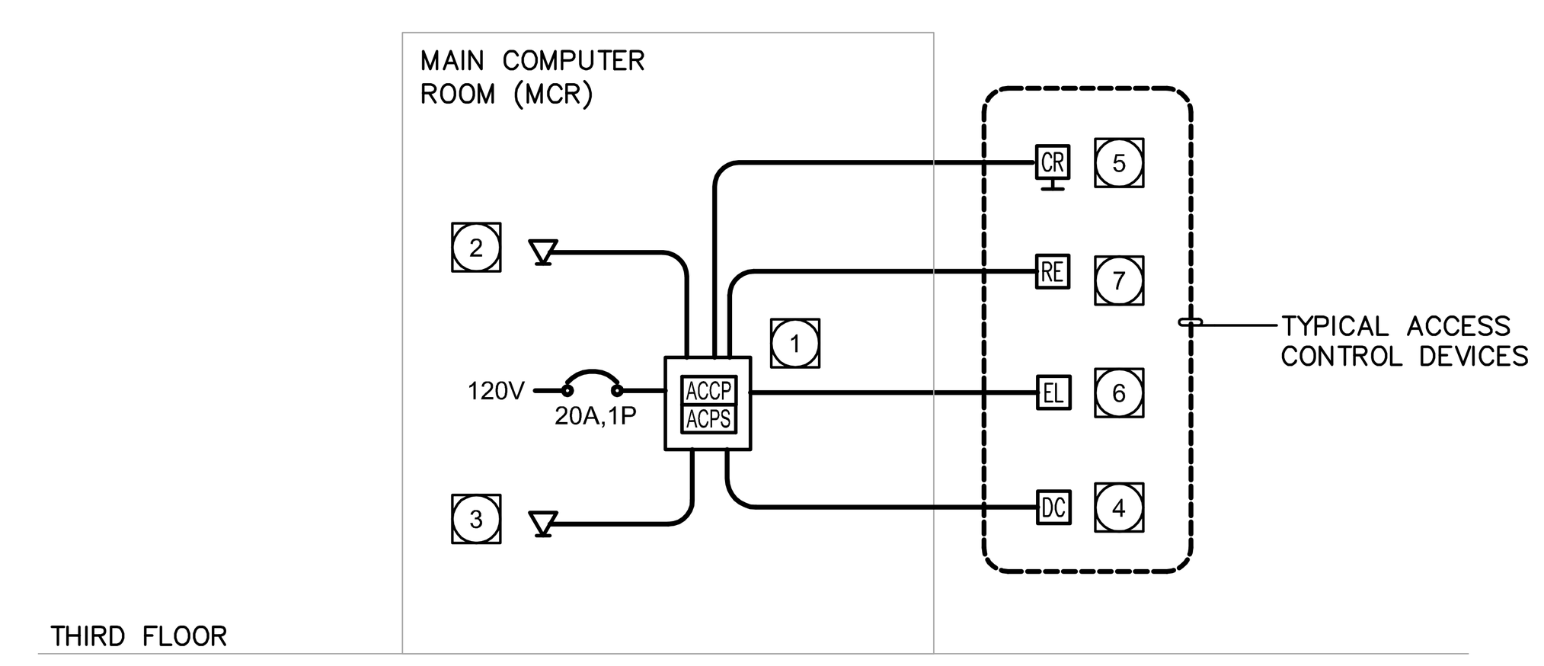
[5] CARD READER SHALL BE UNIVERSAL TYPE WITH HID KEYFOBS OR PROXIMITY CARDS PER OWNER'S SELECTION. SURFACE MOUNT OVER FLUSH BACKBOX.

[6] ELECTRIFIED DOOR LOCK HARDWARE. PROVIDE CONDUIT AND CONDUCTORS TO DOOR HARDWARE INCLUDING CONNECTIONS TO ALL ELECTRIFIED EQUIPMENT AS IDENTIFIED ON PLAN AND COORDINATED WITH ARCHITECTURAL DOOR SCHEDULES. COORDINATE ROUTING OF CONDUIT/CONDUCTORS FOR CONNECTIONS WITH DOOR INSTALLER/CONTRACTOR PRIOR TO INSTALLATION.

[7] REQUEST–TO–EXIT SWITCH BUILT–INTO DOOR HARDWARE. CONFIRM WITH DOOR HARDWARE CONSULTANT/VENDOR.



SINGLE DOOR WITH CARD READER | SCALE NTS | 2



NOTE:
REFERENCE DOOR DETAIL ON THIS SHEET FOR ADDITIONAL REQUIREMENTS.

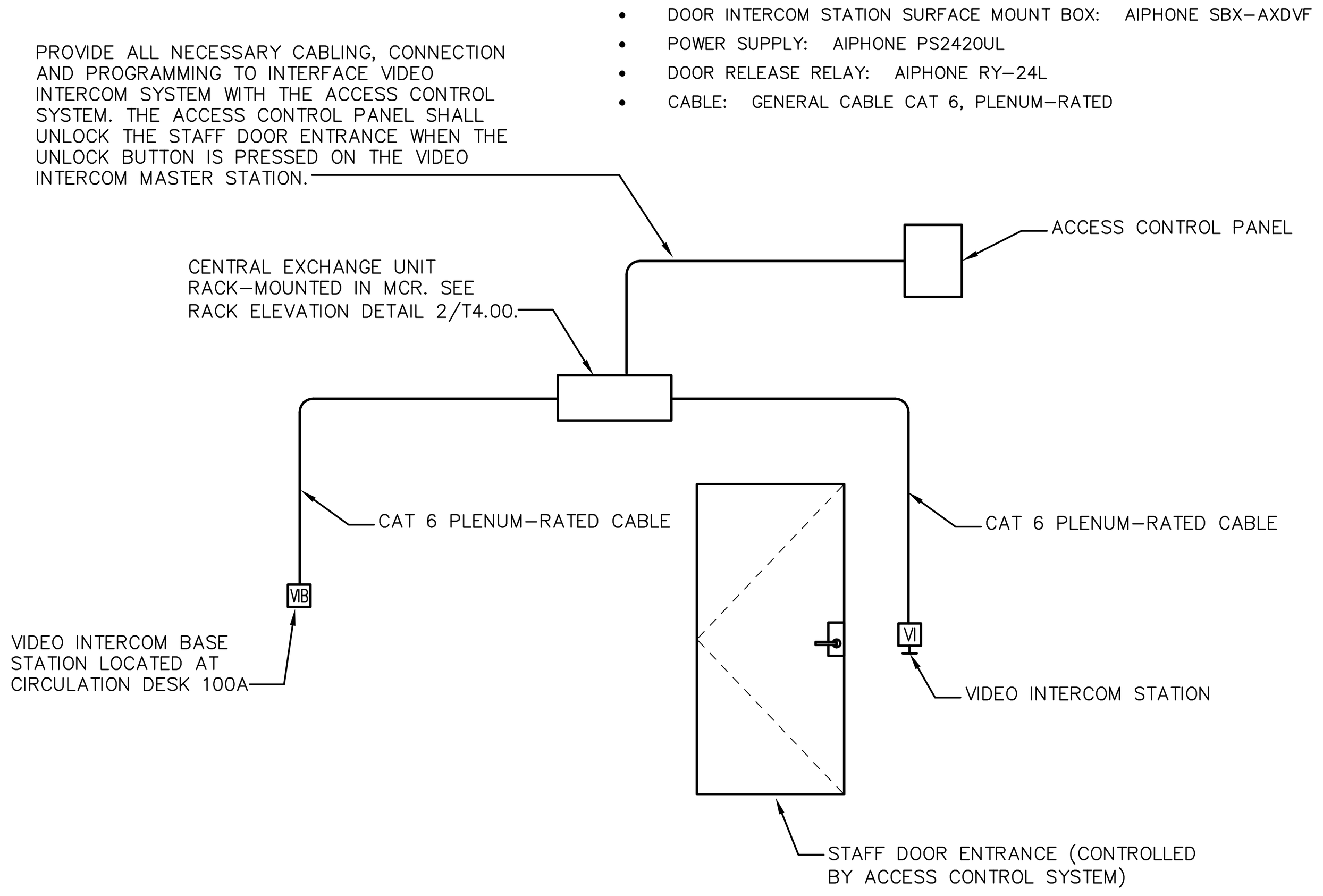
TYPICAL ACCESS CONTROL WIRING DIAGRAM | SCALE NTS | 1

VIDEO INTERCOM SYSTEM

A. VIDEO INTERCOM SYSTEM SHALL BE CONTRACTOR–FURNISHED CONTRACTOR–INSTALLED (CFCI).

B. SYSTEM DESCRIPTION AND INSTALLATION REQUIREMENT
THE STAFF ENTRANCE SHALL INCORPORATE A TWO–WAY WEATHER AND TAMPER PROOF RESISTANT VIDEO INTERCOM STATION. THE VIDEO INTERCOM STATION SHALL BE CONNECTED TO A VIDEO INTERCOM BASE STATION LOCATED AT CIRCULATION DESK 100A.

C. MATERIALS AND EQUIPMENT
- CENTRAL EXCHANGE UNIT: AIPHONE AX–084C
- VIDEO INTERCOM MASTER STATION: AIPHONE AX–8MV
- DOOR VIDEO INTERCOM STATION: AIPHONE AX–DVF
- DOOR INTERCOM STATION SURFACE MOUNT BOX: AIPHONE SBX–AXDVF
- POWER SUPPLY: AIPHONE PS2420UL
- DOOR RELEASE RELAY: AIPHONE RY–24L
- CABLE: GENERAL CABLE CAT 6, PLENUM–RATED



WIRING DIAGRAM - VIDEO INTERCOM (CFCI) | SCALE NTS | 4

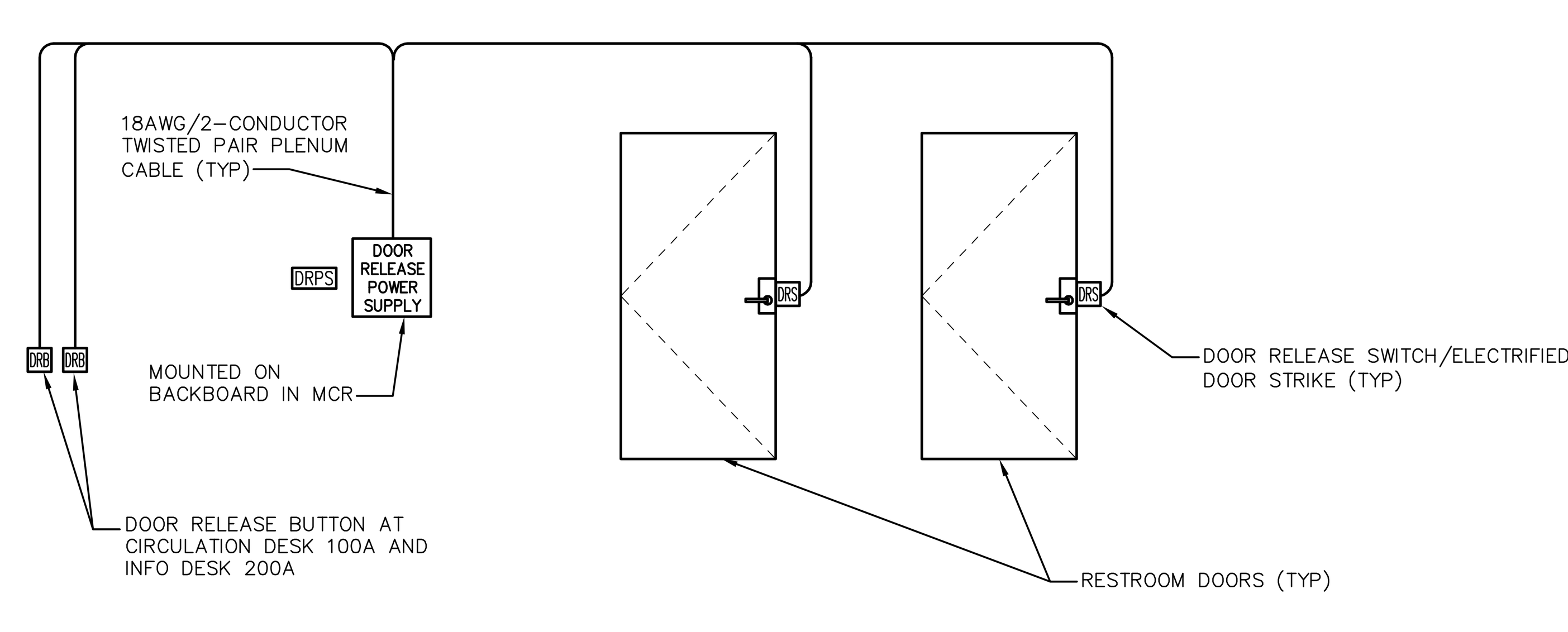
DOOR RELEASE SYSTEM

A. DOOR RELEASE SYSTEM SHALL BE CONTRACTOR–FURNISHED CONTRACTOR–INSTALLED (CFCI).

B. SYSTEM DESCRIPTION AND INSTALLATION REQUIREMENT
THE INTENT OF THIS SYSTEM IS TO PROVIDE HARD–WIRED DOOR RELEASES AT CIRCULATION DESK 100A AND INFO DESK 200A AS REQUIRED FOR THE RESTROOM DOORS. IT REQUIRES THAT A LINE–OF–SIGHT BE ESTABLISHED BETWEEN THE PUBLIC/FAMILY RESTROOMS AND THE CIRCULATION AND INFO DESK.

C. THE POWER SUPPLY PANEL FOR THE RESTROOM DOOR RELEASE SHALL BE INSTALLED ON THE BACKBOARD IN THE MCR AND SHALL BE PROVIDED WITH A DEDICATED 120V–20AMP CIRCUIT LABELED WITH PANEL AND BRANCH CIRCUIT NUMBERS ON THE JUNCTION THE DOOR LOCKING DEVICES MUST BE RATED AT 24–VDC FOR CONTINUOUS DUTY.

D. MATERIALS AND EQUIPMENT
- POWER SUPPLY: LIFESAFETY FP075–E1
- ELECTRIFIED DOOR STRIKE: VON DUPRIN
- DOOR RELEASE BUTTON: RUTHERFORD SURFACE BUTTON (RCI 909S–MO)
- CABLE: 18AWG/2C TWISTED PAIR, PLENUM–RATED



WIRING DIAGRAM - DOOR RELEASE (CFCI) | SCALE NTS | 3

REVISIONS
5 Add–03 09/17/25

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ACCESS CONTROL DETAILS AND NOTES

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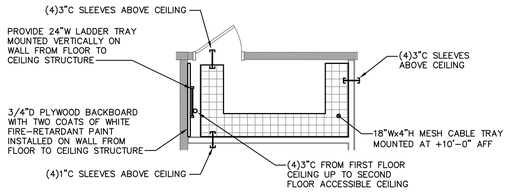
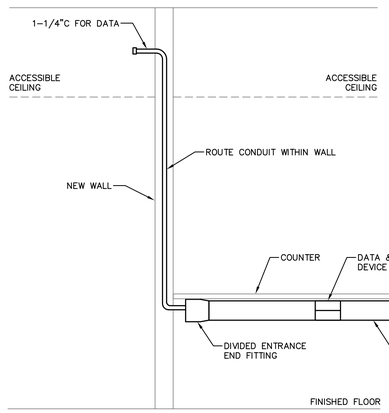


ENLARGED STORAGE ROOM PLAN

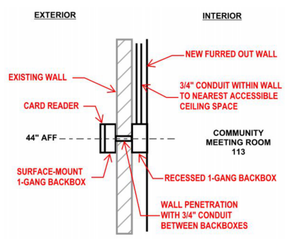
SCALE 1/4"=1'-0" | 3



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

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

SCALE NONE | 4

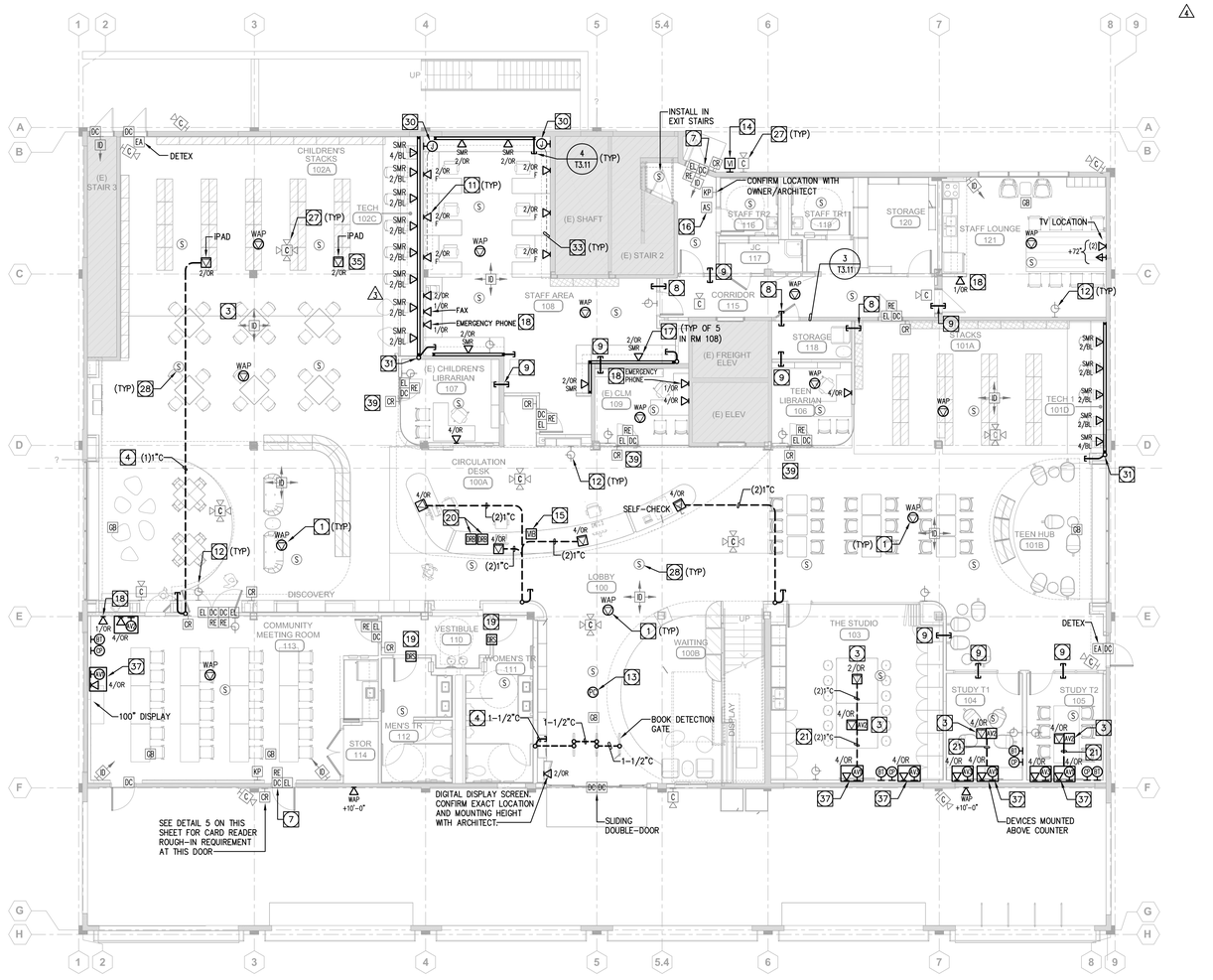


ROUGH-IN FOR CARD READER AT DOOR 113C

SCALE NONE | 5

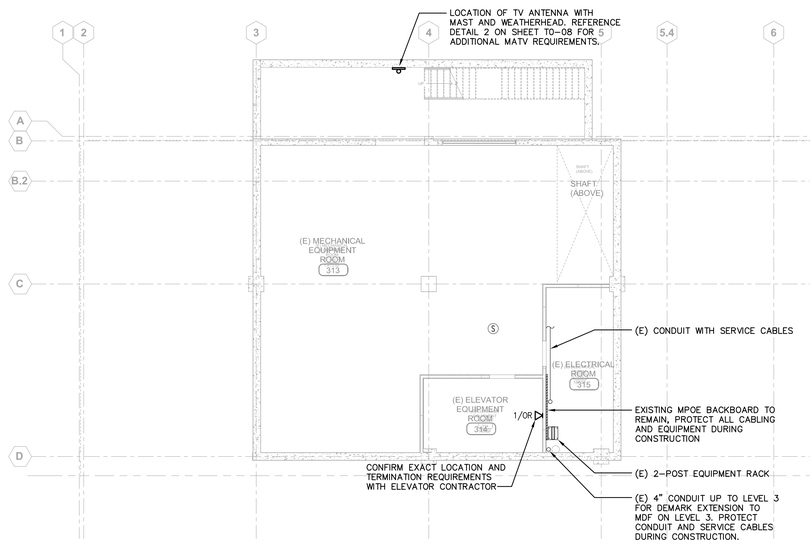
PAGING ZONES (EACH ZONE ON SEPARATE FEEDER CSBLE TERMINATING IN THE MCR)
ZONE 1 – COMMUNITY MEETING ROOM
ZONE 2 – STUDY ROOMS
ZONE 3 – FIRST FLOOR PUBLIC AREAS / PUBLIC RESTROOMS / ELEVATOR / EXIT STAIRS
ZONE 4 – FIRST FLOOR STAFF WORK AREAS / LIBRARIAN OFFICES / STAFF LOUNGE / STAFF RESTROOMS
ZONE 5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

NOTE
1. SEE "SCOPE MATRIX" DETAIL #6 ON THIS SHEET FOR ADDITIONAL SCOPE INFORMATION.



TECHNOLOGY LEVEL 1 PLAN

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



TECHNOLOGY BASEMENT PLAN

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

SYSTEMS	FURNISHED BY		INSTALLED BY	
	OWNER	CONTRACTOR	OWNER	CONTRACTOR
TECHNOLOGY / TELECOMMUNICATIONS		■		■
AUDIO / VIDEO		■		■
INTRUSION DETECTION AND ALARM	■		■	
ACCESS CONTROL	■		■	
PUBLIC ADDRESS	■		■	
SYNCHRONIZED CLOCK		■		■
CCTV	■		■	
MATV SYSTEM		■		■
PEOPLE COUNTER	■			■
VIDEO INTERCOM		■		■
DOOR RELEASE		■		■
FIRE ALARM	EXISTING TO REMAIN. SEE GENERAL NOTE # 13 ON DRAWINGS A3.11 AND A3.12 FOR ADDITIONAL INFORMATION.			

SCOPE MATRIX

SCALE NONE | 6

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. REFERENCE DETAIL 4 ON SHEET T0.05 FOR ADDITIONAL DEVICE, CABLING AND EQUIPMENT REQUIREMENTS. CONFIRM EXACT LOCATION WITH OWNER/ARCHITECT.
15. VIDEO INTERCOM BASE/MASTER STATION. REFERENCE DETAIL 4 ON SHEET T0.05 FOR ADDITIONAL DEVICE, CABLING AND EQUIPMENT REQUIREMENTS. CONFIRM EXACT LOCATION WITH OWNER/ARCHITECT.
16. INSTALL CEILING-MOUNTED INTRUSION ALARM SIREN AT LOCATION INDICATED. CONFIRM REQUIREMENTS IN OTHER AREAS WITH OWNER/ARCHITECT. (A)
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/ELECTRIC STRIKE. PROVIDE 3/4" CONDUIT FROM ELECTRIFIED DOOR STRIKE TO MAIN COMPUTER ROOM OR NEAREST ACCESSIBLE CEILING SPACE. SEE DETAIL 3/T0.05 FOR REQUIREMENTS.
20. DOOR RELEASE BUTTON. PROVIDE 2-GANG BOX WITH 3/4" CONDUIT TO MAIN COMPUTER ROOM OR NEAREST ACCESSIBLE CEILING SPACE. CONFIRM LOCATION WITH OWNER/ARCHITECT. SEE DETAIL 3/T0.05 FOR ADDITIONAL REQUIREMENTS. (A)
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. NOT USED. (A)
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. NOT USED. (A)
39. INSTALL CARD READER IN MULLION. PROVIDE 3/4"C TO CEILING.

REVISIONS

3	Add-01	08/15/25
4	Add-02	08/29/25
5	Add-03	09/17/25

CONSTRUCTION DOCUMENTS

Salas O'Brien
Irvine
8825 Research Drive
Irvine, CA 92618
949.753.1515
salasobrien.com
Project No.: 2023-0301-00

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

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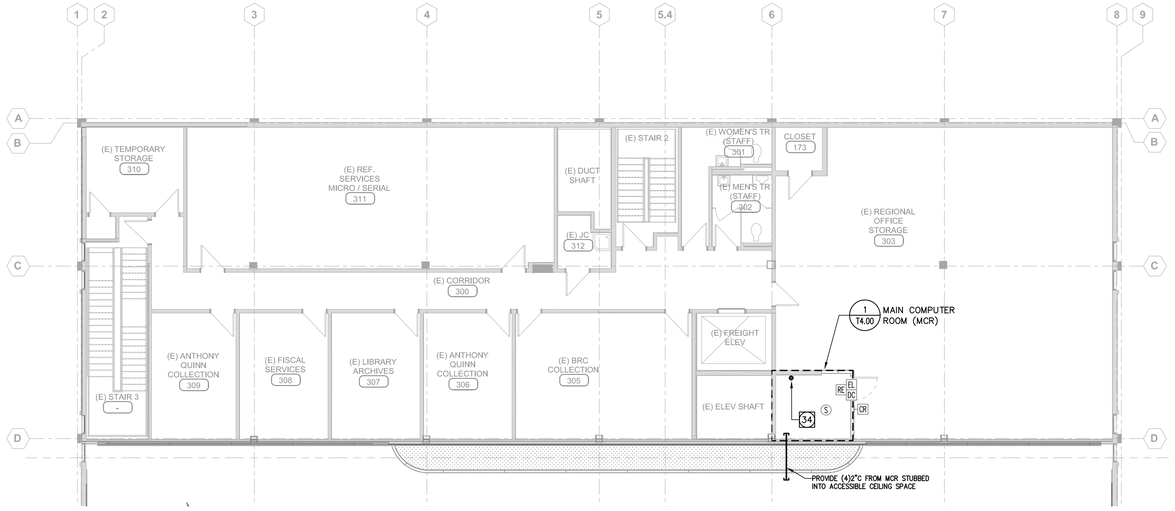
TECHNOLOGY BASEMENT AND LEVEL 1 PLANS

T3.11



NOTE
1. SEE "SCOPE MATRIX" DETAIL #6 ON SHEET T3.11 FOR ADDITIONAL SCOPE INFORMATION.

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

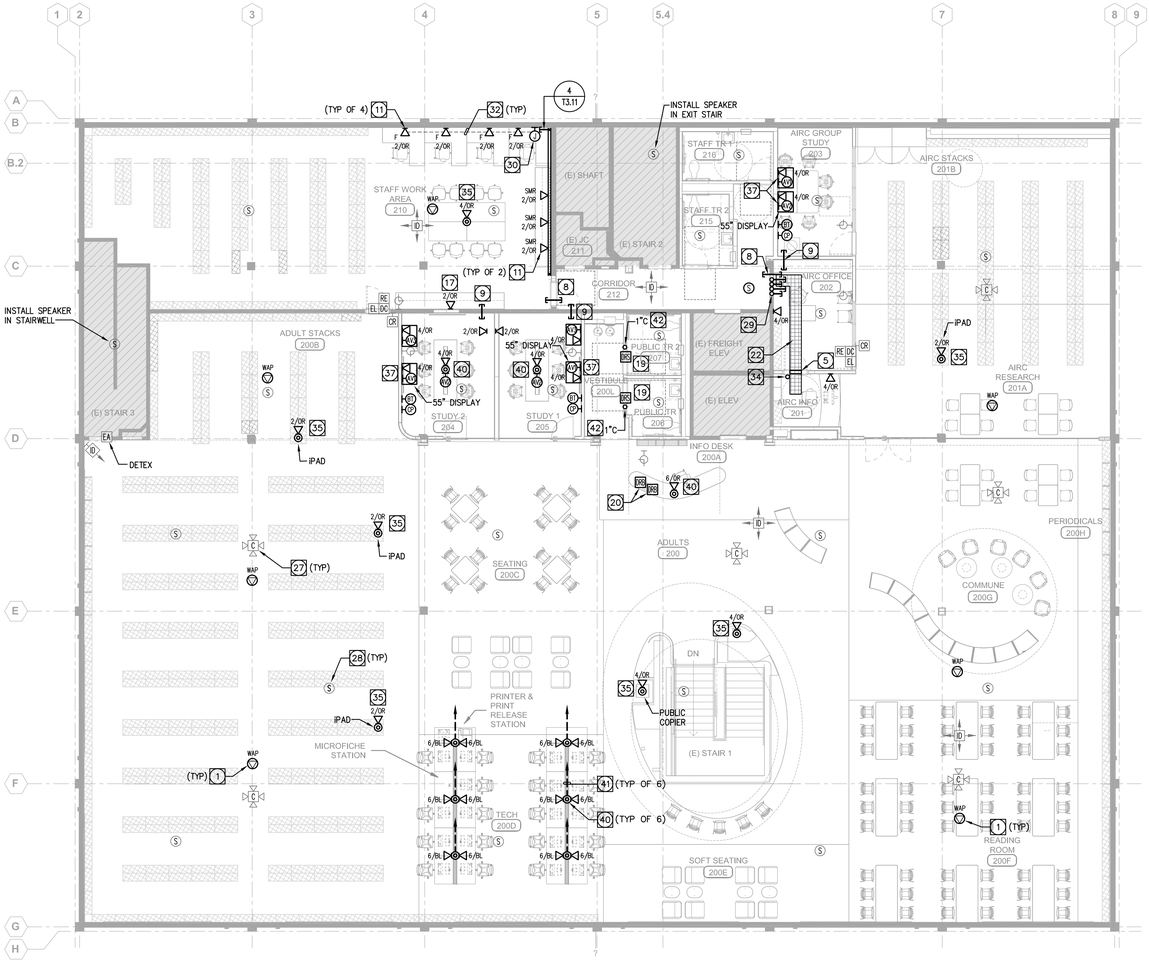
TECHNOLOGY LEVEL 3 PLAN — SCALE 1/8"=1'–0" — 2

KEYNOTES (CONT.)

40 PROVIDE 8" CORE PENETRATION FOR INSTALLATION OF 8" MULTI–SERVICE RECESSED UNWIRED POKE–THRU, WIREMOLD EVOLUTION SERIES 8ATC2GY. INSTALL DEVICE(S) IN POKE–THRU.

41 ROUTE 2" CONDUIT IN FLOOR BELOW FROM POKE–THRU TO NEAREST ACCESSIBLE CEILING SPACE FOR LOW VOLTAGE CABLING. ROUTE CABLING TO MCR. COORDINATE WORK WITH ARCHITECT AND STRUCTURAL ENGINEER.

42 PROVIDE CONDUIT DOWN TO ACCESIBLE CEILING SPACE ON FLOOR BELOW FOR DOOR RELEASE.



NOTE
1. SEE "SCOPE MATRIX" DETAIL #6 ON SHEET T3.11 FOR ADDITIONAL SCOPE INFORMATION.

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

TECHNOLOGY LEVEL 2 PLAN — SCALE 1/8"=1'–0" — 1

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. REFERENCE DETAIL 4 ON SHEET T0.05 FOR ADDITIONAL DEVICE, CABLING AND EQUIPMENT REQUIREMENTS. CONFIRM EXACT LOCATION WITH OWNER/ARCHITECT.

15 VIDEO INTERCOM BASE/MASTER STATION. REFERENCE DETAIL 4 ON SHEET T0.05 FOR ADDITIONAL DEVICE, CABLING AND EQUIPMENT REQUIREMENTS. CONFIRM EXACT LOCATION WITH OWNER/ARCHITECT.

16 INSTALL CEILING–MOUNTED INTRUSION ALARM SIREN AT LOCATION INDICATED. CONFIRM REQUIREMENTS IN OTHER AREAS WITH OWNER/ARCHITECT. △2

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/ELECTRIC STRIKE. PROVIDE 3/4" CONDUIT FROM ELECTRIFIED DOOR STRIKE TO MAIN COMPUTER ROOM OR NEAREST ACCESSIBLE CEILING SPACE. SEE DETAIL 3/T0.05 FOR REQUIREMENTS.

20 DOOR RELEASE BUTTON. PROVIDE 2–GANG BOX WITH 3/4" CONDUIT TO MAIN COMPUTER ROOM OR NEAREST ACCESSIBLE CEILING SPACE. CONFIRM LOCATION WITH OWNER/ARCHITECT. SEE DETAIL 3/T0.05 FOR ADDITIONAL REQUIREMENTS. △2

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 NOT USED. △2

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 NOT USED. △2

39 INSTALL CARD READER IN MULLION. PROVIDE 3/4"C TO CEILING.

REVISIONS
4 Add–02 08/29/25
5 Add–03 09/17/25

CONSTRUCTION DOCUMENTS

Salas O'Brien
salasobrien.com
Irvine
8825 Research Drive
Irvine, CA 92618
949.753.1555
Project No.: 2023-0345-00

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

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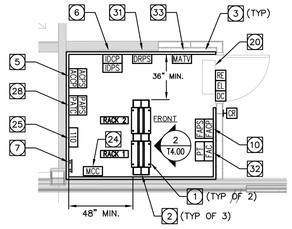
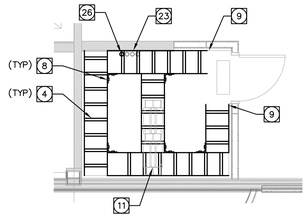
TECHNOLOGY LEVEL 2 AND LEVEL 3 PLANS

T3.12

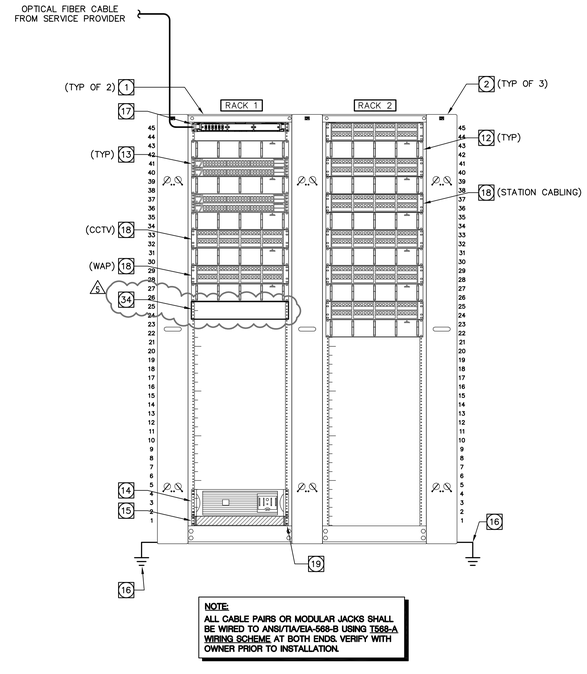


MCR EQUIPMENT LAYOUT



MCR PATHWAY LAYOUT

ENLARGED MAIN COMPUTER ROOM (MCR) LAYOUTS | SCALE 1/4"=1'-0" | 1



NOTES:
1. PROVIDE COMPLETE RACK ASSEMBLY, INCLUDING ANCHOR BOLTS, CLAMPS, RACK AND MISCELLANEOUS INSTALLATION HARDWARE. EQUIP RACK AS SHOWN. PROVIDE PATCH PANELS, VERTICAL AND HORIZONTAL CABLE MANAGEMENT PANELS, ETC., UON.

2. GROUND EQUIPMENT TO NEAREST NEC RECOGNIZED GROUNDING ELECTRODE SUBSYSTEM WITH A DEDICATED #6 AWG COPPER, STRANDED, GREEN SHEATH GROUNDING CONDUCTOR.

3. ASSEMBLE EQUIPMENT RACK SO RACK UNIT 1 IS NEAREST TO THE FLOOR AND NUMBERS INCREASE VERTICALLY.

MAIN COMPUTER ROOM RACK ELEVATION DETAIL | SCALE NTS | 2

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. PENETRATIONS THRU FIRE RATED WALLS SHALL BE PROTECTED WITH AN APPROVED FIRE STOP SYSTEM EQUAL TO OR GREATER THAN THE RATING OF THE WALL BEING PENETRATED.
4. WHEN EXPOSED CEILING OR OPEN GRID CONDITIONS EXIST, ALL LOW VOLTAGE CABLES SHALL BE:
   a. INSTALLED IN EMT CONDUIT PATHWAYS OR
   b. INSTALLED NEATLY IN CABLE MANAGEMENT OPEN BASKET OR LADDER TYPE WIREWAY SUPPORTED INDEPENDENTLY FROM STRUCTURE ABOVE.
5. EXPOSED LOW VOLTAGE 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 ANY ROUGH IN OR INSTALLATION. CONTRACTOR SHALL INCLUDE AN ALLOWANCE IN HIS BASE BID FOR THE INSTALLATION OF LOW VOLTAGE CABLES IN OPEN CEILINGS AS DESCRIBED.
6. EXPOSED CABLE/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. 19"Wx7'H 2-POST EQUIPMENT RACK.
2. 6"Wx7'H DOUBLE-SIDED VERTICAL CABLE MANAGER.
3. 3/4"Dx8'H PLYWOOD BACKBOARD WITH (2) COATS OF WHITE FIRE-RETARDANT PAINT WALL-MOUNTED AT 6" AFF.
4. 18"W OVERHEAD LADDER TRAY MOUNTED AT 7'-6" AFF.
5. BACKBOARD SPACE FOR ACCESS CONTROL PANEL AND POWER SUPPLY.
6. BACKBOARD SPACE FOR INTRUSION DETECTION CONTROL PANEL AND POWER SUPPLY.
7. 10"x4" TELECOM GROUNDING BUSBAR (TGB) MOUNTED ON PLYWOOD BACKBOARD 12" BELOW LADDER TRAY.
8. #6 AWG BONDING STRAP OR EQUIVALENT.
9. STOP CABLE TRAY AT THIS LOCATION TO AVOID CONFLICT WITH AC UNIT.
10. BACKBOARD SPACE FOR FIRE ALARM CONTROL PANEL AND POWER SUPPLY.
11. PROVIDE 6" RACK ELEVATION KIT TO INSTALL LADDER TRAY AT 7'-6" AFF.
12. 2-RU HORIZONTAL CABLE MANAGER.
13. POE NETWORK SWITCH (OWNER-FURNISHED OWNER-INSTALLED)
14. UPS (OWNER-FURNISHED CONTRACTOR-INSTALLED)
15. 1-RU SUPPORT BRACKET.
16. EQUIPMENT GROUND PER NEC AND EIA/TIA STANDARDS.
17. 1-RU RACK MOUNT FIBER CABINET WITH (1) 6-DUPLEX LC OM3 MULTIMODE FIBER ADAPTER PANEL AND (2) BLANK PANELS.
18. CAT 6 48-PORT PATCH PANEL.
19. VERTICAL POWER STRIP MOUNTED TO REAR OF RACK USING STAND-OFF BRACKETS.
20. AC UNIT MOUNTED ABOVE DOOR SHOWN FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR REQUIREMENTS.
21. CONDUIT SLEEVES MOUNTED ABOVE CEILING. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
22. LOCATION OF PAGING AMPLIFIER AND 110 BLOCKS FOR PAGING SPEAKER CABLING TERMINATION.
23. (3) EXISTING 4" CONDUIT SLEEVES DOWN TO 2ND FLOOR ACCESSIBLE CEILING. EXISTING CONDUITS TO REMAIN, PROTECT FROM DAMAGE DURING CONSTRUCTION.
24. WALL-MOUNTED MASTER CLOCK CONTROLLER FOR CONTINUALLY SYNCHRONIZING AND CONTROLLING WIRED ANALOG CLOCKS.
25. 100-PAIR 110 BLOCK.
26. PROVIDE CORE DRILL PENETRATION FOR INSTALLATION OF (1) 4" CONDUIT SLEEVE DOWN TO 2ND FLOOR ACCESSIBLE CEILING SPACE.
27. CONDUIT SLEEVES DOWN TO ACCESSIBLE CEILING SPACE ON FLOOR BELOW. REFERENCE FLOOR PLAN FOR EXACT LOCATIONS, SIZES AND QUANTITIES.
28. BACKBOARD SPACE FOR PA SYSTEM WIRING TERMINATION BLOCKS AND EQUIPMENT.
29. CONDUITS FOR DEMARK EXTENSION. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
30. MASTER CLOCK CONTROLLER AND POWER SUPPLY.
31. POWER SUPPLY LOCATION FOR RESTROOM DOOR RELEASE SYSTEM.
32. BACKBOARD SPACE FOR FIRE ALARM COMMUNICATOR, KEYPAD AND POWER TRANSFORMER.
33. BACKBOARD SPACE RESERVED FOR MATV SYSTEM.
34. VIDEO INTERCOM SYSTEM CENTRAL EXCHANGE UNIT. (S)

REVISIONS
5 Add-03 09/17/25

CONSTRUCTION DOCUMENTS

Salas O'Brien.
salasobrien.com
Irvine
8825 Research Drive
Irvine, CA 92618
949.753.1555
Project No.: 2022-0345-00

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

LOS ANGELES COUNTY PUBLIC WORKS
HUNTINGTON PARK LIBRARY
6518 MILES AVE
HUNTINGTON PARK, CA 90255

COUNTY OF LOS ANGELES CALIFORNIA

LA COUNTY LIBRARY

NAC

NAC NO	161-23025
DRAWN	AC
CHECKED	BS
DATE	07/15/2025

ENLARGED MCR PLANS AND RACK ELEVATION DETAIL

T4.00

RFI Log – BRC0000615 (Notice to Proposers F)

Attachment 28

Question Number	Question	Answer
1	Is the Low Voltage contractor still responsible for cabling of Owner furnished and installed systems?	No, Owner is responsible.
2	Will all Horizontal cabling for all floors be terminated in the MCR?	Yes.
3	Will Hangers and “J-Hooks” be an acceptable means of cable pathway?	In areas with accessible grid ceiling, hangers and J-hooks are acceptable. In areas with hard-lid and/or exposed to structure ceiling, cabling must be installed in conduit. All cabling must be concealed
4	Who is responsible for re-termination of fiber and copper backbone from MPOE to TR’s?	Work will need to be coordinated with the Service Provider.
5	Is there an IDF demo on all floors? If so, what do we do with removed equipment?	Most, if not all, existing cables terminate in the existing Main Computer Room (MCR) located on 3rd floor. Coordinate removal of equipment with Owner. Reference sheets T2.01 and T2.02 for additional demo scope information.
6	Can you verify cable color?	Blue and orange for the respective terminated cables. Please verify in field.
7	Will the electrical contractor install all core/sleeves, conduits, boxes, and tray for low voltage?	The Electrical Contractor is responsible for installation of device rough-in, core/sleeves and cable trays outside of the MCR. The LV Contractor is responsible for ladder trays in the MCR.
8	Is a low voltage permit required?	The Low Voltage (LV) Contractor will need to obtain LV permits and coordinate with the General Contractor.
9	Will this work be performed during normal business hours?	The spaces being remodeled will be vacated during construction therefore majority of the required work may be performed during normal business hours. All work schedules will need to be coordinated with the General Contractor.

10	Please confirm there is no fire alarm scope.	Reference Floor Plan General Note #13 on Sheets A3.11 and A3.12 for Fire Alarm System information.
11	Is there any scope for Low Voltage on the 3rd floor?	The MCR is on the 3rd floor. Reference Technology Level 3 Plan detail 2 on sheet T3.12 for additional scope and information.
12	Is MATV System Owner furnished and installed?	MATV is Contractor-Furnished Contractor-Installed (CFCI). Reference Detail 2, on Sheet T0.08 for requirements.
13	C-1 Ceiling Tile Confirmation. Please confirm that ceiling type C-1 is to be 2' x 2' Rockfon Education Standard tile, as specified in Specification 09 51 23.	Confirmed.
14	Ceiling Tile for C-5 and C-6. Please specify the ceiling tile for ceiling types C-5 and C-6. The ceiling notes call for a 15/16" fully concealed grid, but the Rockfon Education Standard tile (as specified in Specification Section 09 51 23) is not available with a concealed grid system.	If product is discontinued, provide an “or equal” product with a concealed grid system in indicated locations.
15	C-5 and C-6 Tile and Trim Color. Please specify the color for the ceiling tiles and perimeter trim for C-5 and C-6, including whether they are to be field-painted.	Trim to be pre-finished by manufacturer to match color of adjacent ceiling tiles.
16	C-7 Ceiling Panel Confirmation. Please confirm that ceiling type C-7 is to be 2' x 4' Tectum Square Lay-in panels in white color.	C-7 to be 2'x4' Tectum Lay-in panels in Natural color.
17	Curved LED Detail. The perimeter of C-6 (A3.42) references Detail 17/A9.81, which shows a curved LED texture. However, this light fixture is not shown on the Electrical drawing E3.02D. Please confirm whether the detail is correct.	Refer to Sheet E3.02D, Notice to Bidders C.
18	AF2 Tectum Wall Panel Color. The Finish Schedule on A3.20 calls for a "Natural" color for the AF2 Tectum Wall Panel, while Specification 09 84 33 calls for factory-painted white. Please confirm the intended color for AF2.	AF2 to be 2'x4' Tectum Wall panels in Natural color.
19	AF Panels in Room 200H. The Room Finish Schedule (A3.20) calls for an AF finish on the east wall of Room 200H (Periodicals), but Elevation drawing 3A/A7.08 does not show any AF panels. Please clarify.	There are no AF finish panels in the area indicated as Periodicals 200H.

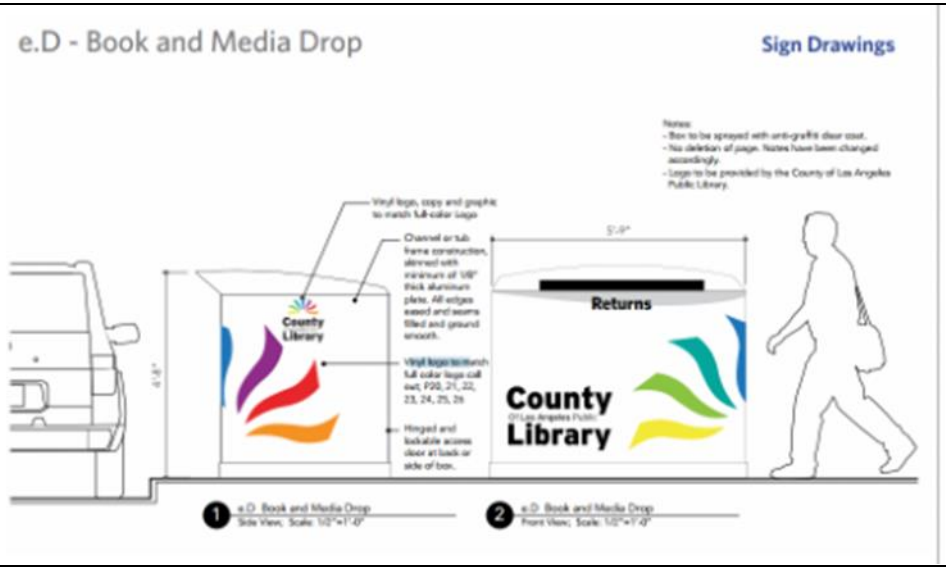
20	Missing Specification Section 09 54 13. The Table of Contents in the Project Manual includes Section 09 54 13 "Acoustical Panel Ceilings," but this section appears to be missing. Please advise.	Correction, the Section is 09 5123 in lieu of 09 51 13.
21	WP1 Panel Perforation. Please advise on the desired perforation pattern for WP1 Parlex Wood Panels. Parlex offers three standard round perforation options and two slot pattern options.	Perforation pattern to be selected from Manufacturer's submitted samples for WP1 panel.
22	Provide interior elevations for the following rooms: a. Please provide interior elevations for rooms 200E & 200F, product GR1 is to be on South Walls per Room Finish Schedule Sheet A3.20. b. Room 102A North Wall to have product GR1 per Room Finished Schedule sheet A3.20. Interior Elevation sheet A7.05 shows room 100 North Wall with GR1, Please Clarify. c. Room 200A info desk to have product AF1 on North Wall per Finished Schedule sheet A3.20 please provide Interior Elevations for room 200A. d. No Interior Elevations sheet for rooms 200A, 200E, 200F, 200H. Please provide.	a. Refer to Section 4/A5.00 for Elevation. b. Refer to Section 3/A5.00 for Elevation. c. Refer to Section 1/A5.00 for Elevation. d. Refer to Sections 1& 4/A5.00 for Elevations.
23a	Background and Issue: Based on the current project plans and the owner's response to previous RFIs on this matter, it appears the assumption is that the existing fire alarm system can be protected in place and reinstalled or modified to accommodate new construction conditions. However, based on our review of the available documentation and site conditions, we believe this assumption is not feasible. The lack of clarity around this scope is creating an unequal bidding environment, as it leaves a major system – the fire alarm – undefined and open to interpretation among bidders and their specialty subcontractors. This directly impacts our ability to provide a complete, compliant, and competitive bid. Question: To allow all bidders to price this scope accurately and equally, we respectfully request the following information be provided:	Fire Alarm System is existing and is to remain. Protect in place and take temporary measures as necessary to support devices and re-attach. There are no existing drawings. Please refer to document “Existing fire alarm”, Attachment 6.

	1. Specifications for the Existing Fire Alarm System 2. As-Built Drawings for the Existing Fire Alarm System	
23b	These documents are essential for all bidders to evaluate whether the system can be modified or if full replacement is required, and to understand how it integrates with the revised building layout and updated code requirements. Additionally, we request clarification on the following: Question: The existing fire alarm system need to be taken offline during construction, will a Fire Watch be required during this period?	This will be evaluated in the field.
23c	Will any fire water risers need to be monitored via a temporary system?	No.
23d	If so, please confirm the quantity and locations of these risers. Conclusion and Request for Resolution: Unfortunately, it appears that the required information to accurately scope and bid the fire alarm system has not been provided, and recent communications suggest a reluctance to address this issue. In order to maintain a fair and transparent bidding environment, we respectfully request one of the following: 1. That the owner provide the requested fire alarm system documentation (as-built drawings and specifications); OR 2. That the owner issue a project-wide allowance for the fire alarm scope, ensuring all bidders are pricing on equal terms.	LA County to provide as-built documentation for existing fire alarm system, refer to Attachment 6.
24	A-2.02 is keynote reading ceramic tile floor finish & related setting bed to be removed. Prepare sub-floor for new finish. A3.15, (second floor dimension and signage plan) and S3.02, (level 2 floor plan) does not show any concrete work where the ceramic tile and mortar bed are to be removed. Please advise on what is intended for these locations.	The intent is not to demo or replace exiting structural concrete slabs, only the existing ceramic tile & associated setting bed are to be removed.
25	Addendum C notes that bidders are to assume there is an existing plaster ceiling above the existing 2nd floor T bar. In order to install the proposed new seismics and 3"x3" wall angle per the project structural sheets at subject existing plaster ceiling assembly would be required to include complete removal of existing assumed plaster ceilings. Due to these items unforeseen nature and in the spirit of	The plaster ceiling has been indicated as existing, so it is not unforeseen condition. The amount of ceiling removal necessary to install compression posts and splay wires is contractor's means and methods.

	competitive equal bidding we recommend the owner provides an allowance for this item (remove existing plaster ceilings above 2nd floor T bar).	
26	If the quantity of an item in the Furniture Schedule does not match the quantity shown in the Layout, which document should govern?	The Layout should govern.
27	There are lounge furniture pieces shown that are not tagged on the layout. Please advise how these untagged furniture pieces should be addressed?	Refer to updated Furniture Plan Sheets A3.31 and A3.32 in this Notice.
28	i. Please provide additional information/specification on Keynote 08-251/A3.11, i.e., Non-thermal aluminum bi-folding storefront system, top-hung. Which one is it on Sheet A8.00 Door Schedule? ii. Per Det. 2B 103 North – The Studio, there appears to be a single fixed glazed panel beside Door 103A that encloses The Studio 103 on the North, apart from those panels stacked on the right. Please clarify.	The Folding Door is Door Type C, which References details 9 & 10, Sheet A9.11. Indicates Arcadia 8000 System. Refer to Specification Section 08 3513 Folding Doors.
29	Please provide elevation and section drawings of those two 92) curvilinear casework (?) shown at Commune 200G area on Details 2/A3.12 2nd & 3rd Improvement Plans.	Indicated as Mobile shelving Units on Second Level Furniture Plan A3.32. Shelving tags added on Sheet A3.32 and add to Shelving Schedule on Sheet A3.33.
30	Please provide elevation and section drawings of that L-shaped casework (?) shown between Play102B area and the Circulation Desk 100A on Det. 1/A3.14. It is shown on said drawing sheet but is missing on Details 1 Improvement Plan on sheet A3.11, Basement & First (Floor) Improvement Plan.	L shaped unit is not casework, see tags indicating Library shelving units on Sheet A3.31 and Shelving Schedule on Sheet A3.33 in this Notice.
31	Please provide drawing Sheet A9.50 called out on Details 5/A6.02 Stair Sections.	Refer to A9.51, A9.51a, & A9.51b in lieu of A9.50.
32	Please confirm the existing ceiling types EX C-1 2’ x 2’ suspended acoustical panel ceiling and EX C-2 framed or suspended 5/8” gypsum board ceiling on the first floor and second floor will remain per A2.11 First Floor Demo RCP and A2.12 Second Floor Demo RCP, respectively. We did not see anything for the ceiling on the Room Finish schedule on A3.20 Room Finish Schedule.	Refer to Notice To Bidders C, Question 2 response. Refer to General Demolition Note 10/A2.11. Refer to Ceiling Types on Reflected Ceiling Plan for new ceilings to be provided.
33	Please advise what keynote or legend applies to those circles added all over the first floor on ADD#B First Floor Demo Plan & Notes.	The circle is per the Circle in the Demo Legend indicating core hole locations in the floor slabs.

34	Please confirm for all systems identified as “Owner Furnished and Owner Installed” (OFOI) on Notice to Bidders C Scope Matrix on Sheet T3.11 and on Sheet T0.01 Symbols, that all devices, wiring and installation will be OFOI.	OFOI Systems - all devices, wiring and installation are by Owner. • OFOI - Owner-Furnished Owner-Installed • OFCI - Owner-Furnished Contractor-Installed • CFCI - Contractor-Furnished Contractor-Installed
35	Sheet T3.11 and T3.12 Keynote 1 – Please confirm that the Wireless Access Point equipment devices will be Owner Furnished and Contractor Installed (OFCI). If not, please provide specifications for wireless devices.	The Wireless Access Point (WAP) scope shall be as follows: • Cables, Jacks & Surface Mount Backboxes: CFCI • Wireless Access Point Device & Equipment: OFCI
36	Sheet T3.11 and T3.12 Keynote 7 - Please confirm that per the Notice to Bidders C, Scope Matrix that these devices, wiring and installation will be OFOI.	Scope described in keynote 7 is OFOI.
37	Sheet T3.11 and T3.12 Keynote 16 - Please confirm that per the Notice to Bidders C, Scope Matrix that these devices, wiring and installation will be OFOI.	Scope described in keynote 16 is OFOI.
38	Sheet T3.11 and T3.12 Keynote 18 - Please confirm that the Emergency Phone will be OFOI. If not, please provide specification.	Scope described in keynote 18 is OFOI (Emergency Phone). To clarify, the phone is OFOI, but cables, jacks, and mount are CFCI.
39	Sheet T3.11 Keynote 14, 19, 20 and T0.01 “Door Release and Door Video Intercom System Symbols”, the device requirements are indicated “Per Owner” and notes cabling requirements per Sheet T0.07. There are no cabling details for this system on sheet T0.07. Please provide all system and wiring information. Please confirm if Restroom Door Release system is to be part of the OFOI Access Control system.	Video Intercom system is CFCI. Reference detail 4/T0.05 in this Notice for additional requirements. Door release system is CFCI. It is a separate system from Access Control. Reference detail 3/T0.05 issued in this Notice for additional requirements.
40	Keynote 23 and 38 - Unable to locate on floor plan. Please confirm what these are for.	Keynotes 23 and 38 do not apply. They have been revised to "Not Used".
41	Please confirm that per the Notice to Bidders C, Scope Matrix that these devices, wiring and installation will be OFOI.	Scope described in keynote 39 is OFOI (card readers).
42	On Sheets T3.11 and T3.12, the AV Control Panel symbol does not show a data connection on the floor plan. Sheet T0.10 shows a data connection for the control panel. Please confirm if these control panels will need a data connection.	All AV Control Panels require a data connection (Cat 6 cable to MCR).
43	On P2.01 under keynotes #6 specifies to remove existing water heater on level 1. On P5.01 it shows the water system (Hot Water	Existing water heaters in area C and D are to be removed and InstaHots are to be used instead.

	Line specifically) is down to the basement with no specific location, but the plumbing construction drawing did not mention to re-install or re-locate the existing water heater and the location. Nothing was mentioned of Water Heater specification on the Project Manual as well. The Electrical drawing E0.51 under Plumbing Equipment Connection Schedule showed Electric Water Heaters (EWH-1, & 2) and on Electrical Sheets (E-2.01A through D, E-2.02A through D) Keynote #7 says "provide power for undersink Instahot Water Heater..." but is only reflected in the drawing on Sheet E-2.01C and E-2.01D, and not on other sheets with sink shown on plan. i. Are we installing Instahot Water Heaters under the sink or relocating the existing Water Heater? ii. If we are installing Instahot Water Heaters, are we installing only on designated sink as shown on E-2.01C & E-2.01D? and not on all sinks shown? iii. If we are installing Instahot Water Heaters, are we installing only on designated sink as shown on E-2.01C & E-2.01D? and not on all sinks shown?	InstaHots are to be installed in the Women's RR (112) and Men's RR (111) lavatories. Two for each restroom. InstaHot is to also be installed in the adjacent sink of the Women's RR and in the Maker Space. There is hot water already available from an existing hot water (from the basement) in areas A and B. Since the existing hot water heater of areas C and D is being removed, all sinks and lavatories are to be installed with InstaHots instead. Please see attached cutsheet, Attachment 5.
44	Please confirm the scope for "LIB (READ)" & "LIB (CUSTOMER EXPECTATIONS)" – indicate a type of signage. If so, what are the details?	These are OFOI items.
45	Signage plans are provided on Sheets A3.13 to A3.17. Could you confirm if the signage scope is limited to these sheets only, or if there are additional sheets containing signage requirements?	See Signage Legend and updated notes on signage sheets A3.13, A3.14, A3.15, A3.16 and A3.17 that list in more detail the Library specific signage required for this project. All signage shall comply with LA County Sign Standards Manual. Most signage is covered on these sheets but there may be signage listed on other sheets.
46	Kindly confirm whether exterior building signage or parking signs are not included within the scope of this project.	As indicated, they are not included in the project scope.
47	Is the AED (Automated External Defibrillator) notation indicating an AED sign? If yes, please share the signage details and sizes.	Yes. There will be the standard AED sign.
48	Please share the depth & side view of the following sign and details?	The sign and book drop bin is not in scope. OFOI item.

		
49	It doesn't appear that there is a Section 27 for Technology (AV) Equipment, however the drawings call out an entire Technology (Audio Visual) section. Can you please confirm that the Audio Video equipment shown in the Technology drawings is in fact needed, and is there any other information we may need to know regarding Section 27 that isn't included within the Project Manual?	Follow the information per Technology Drawings. There is not a Division 27 Specification Sections.
50	Since there is no written specification for the AV equipment requested within plan drawings (pages T0.9 and T0.10), are there any requirements regarding warranty and maintenance for AV?	Refer to General Requirements for warranty and maintenance requirements.
51	Regarding the wall type identification for the Huntington Park Library, on plan pages A3.11 and A3.12 wall types are not called out. But in the Floor Plan General Notes, note #12 states…. "Typical wall assembly is type A/4/A. The typical interior wall assembly is not flagged for clarity. Non-typical assemblies are called out." But when going through the floor plan no wall tags are provided on any walls, the only walls that are clearly discernable are the restroom plumbing chase walls as they are easily identifiable and on the wall assemblies page A3.00 the interior wall substrate for this wall is provided (4" metal framing members).	The wall types are indicated on the 1/4" scale Dimension & Signage floor plans sheets A3.13, A3.14, A3.15 & A3.16.

52	Sheet 3.03 shows "Radiused HSS 4x2x1/4" at EA end" but does not have any call outs for connection details. Please advise.	HSS connection details are on Sheets S7.00, S7.01, & S7.02
53	Per “Shelving Schedule” on sheet A3.33 it identifies that all end panels to be PL4 which happens to be a premium Wilsonart On Demand laminate per Finish Schedule A3.20, however, if you read article 2.5.H.of the Specification it states to provide high-pressure laminate end panels with PVC edges. Please clarify.	All end panels to be PL4 Wilsonart premium "On Demand" high-pressure laminate with PVC edges. PVC edges to match Wilsonart “on demand”.
54	Per “Shelving Schedule” on Sheet A3.33 it states custom graphic laminate end panels, however, there are no rooms or areas specified that require the graphic end panels? Please clarify.	See Shelving Schedule on Sheet A3.33, Location column for AIRC stacks noted with *.
55	Per “General Notes” on Sheets A3.31 and A.3.32 it states laminate end panels with graphics at each end, however, per article 2.5.H. of the specification it states to provide high-pressure laminate end panels with PVC edges. Please clarify.	No Graphics on end panels UNO. Refer to updated General Notes on Sheets 3.31 & 3.32. All end panels to be premium Wilsonart "On Demand" high-pressure laminate with PVC edges.
56	I have reviewed the Huntington Park Library Spec Guide and Plans. I have also looked at the LA County Master Sign Family (2015) specifications noted in the recent Notice from 9/28/2025. I see the ADA/Compliance signage noted in the project plans. However, see no reference to any of this informational/wayfinding signage that is in the Master Sign Family. Is this an oversight or will there be another addendum coming out that will showcase if and where this signage in the Master Sign Family is included in the Huntington Park project. I am assuming it is and can apply these signs to the overall project plan and our bid out to the GCs, but I do not want to go through that exercise if that is not the case. Can you confirm the relevance of the Master sign family from 2015 in the Notice?	See Signage Legend and updated notes on signage sheets A3.13, A3.14, A3.15, A3.16 and A3.17 that list in more detail the Library specific signage required for this project. All signage shall comply with LA County Sign Standards Manual.
57	Please confirm that DUNN-EDWARDS is an acceptable manufacturer for the Division 9 PAINT materials for the above-referenced project.	See Interior Painting, Section 09 91 23-2.1B.
58	Floor plan general notes #13 says: The existing fire alarm system is to remain and to be maintained/protecting in place. What is the brand of the fire alarm system, and who is the contractor responsible for its maintenance and monitoring?	Refer to document Existing Fire Alarm, Attachment 6.
59	The table of contents shows Section 11 3013 Residential Appliances, but I don’t see this section included. Please advise.	Refer to Notice to Bidders C.

60	Is there a specific contractor license requirement for procuring, delivering, assembling, and placing loose furniture?	There is no requirement; however, the furniture vendor must be registered with the County.
61	As per Plan A4.50 General Roof Notes #5, please confirm whether R-38 Batt insulation is to be installed across the entire roof beneath the plywood deck. The notes mention referring to the details; could you specify the area that needs to be quantified?	Sheet A4.50 Roof Plan has been deleted. There is no scope of work on the roof.
62	Regarding Plan A4.50 General Roof Notes #7, The notes mention referring to the details; could you please clarify the dimensions and extent of the roof ventilation holes in the roof framing so that we can accurately quantify the work involved?	Sheet A4.50 Roof Plan has been deleted. There is no scope of work on the roof.
63	Who will be responsible for the fees for testing, special inspections, and observations found on page S0.02?	Refer to Note 1 Special Inspection Notes on S0.02.