

SECTION 011000 - SUMMARY

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
- A. CRITERIA DRAWINGS AND GENERAL PROVISIONS OF THE LA-Z-BOY CORPORATE CONTRACT AGREEMENT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND OTHER DIVISION 01 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.
- 1.2 PROJECT INFORMATION
- A. PROJECT IDENTIFICATION: LA-Z-BOY HOME FURNISHINGS & DECOR
- B. LA-Z-BOY CORPORATE: ONE LA-Z-BOY DRIVE, MONROE, MICHIGAN 48162.
- 1.3 WORK COVERED BY CONTRACT DOCUMENTS
- A. THE WORK OF PROJECT IS DEFINED BY THE LA-Z-BOY CORPORATE CONTRACT DOCUMENTS RELATIVE TO THIS PROJECT CONTAIN A PROJECT SCOPE DESCRIPTION WITH REFERENCE TO CRITERIA DRAWINGS AND STANDARDS.
- 1.4 WORK BY LA-Z-BOY CORPORATE
- A. GENERAL: COOPERATE FULLY WITH LA-Z-BOY CORPORATE SO WORK MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT OR WORK BY LA-Z-BOY CORPORATE. COORDINATE THE WORK OF THIS CONTRACT WITH WORK PERFORMED BY OWNER.

- 1.5 WORK UNDER SEPARATE CONTRACTS
- A. GENERAL: COOPERATE FULLY WITH SEPARATE CONTRACTORS SO WORK ON THOSE CONTRACTS MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT OR OTHER CONTRACTS. COORDINATE THE WORK OF THIS CONTRACT WITH WORK PERFORMED UNDER SEPARATE CONTRACTS.
- 1.6 LA-Z-BOY CORPORATE FURNISHED PRODUCTS
- A. LA-Z-BOY CORPORATE WILL FURNISH ONLY PRODUCTS AS NOTED IN THE SCOPE OF WORK SPECIFIC TO THE PROJECT. THE CONTRACTOR'S WORK INCLUDES RECEIVING, UNLOADING, HANDLING, STORING, PROTECTING, AND INSTALLING OWNER-FURNISHED PRODUCTS.
- 1.7 SPECIFICATION AND DRAWING CONVENTIONS
- A. SPECIFICATION CONTENT: THE SPECIFICATIONS USE CERTAIN CONVENTIONS FOR THE STYLE OF LANGUAGE AND THE INTENDED MEANING OF CERTAIN TERMS, WORDS, AND PHRASES WHEN USED IN PARTICULAR SITUATIONS. THESE CONVENTIONS ARE AS FOLLOWS:
1. IMPERATIVE MOOD AND STREAMLINED LANGUAGE ARE GENERALLY USED IN THE SPECIFICATIONS. THE WORDS "SHALL," "SHALL BE," OR "SHALL COMPLY WITH," DEPENDING ON THE CONTEXT, ARE IMPLIED WHERE A COLON (:) IS USED WITHIN A SENTENCE OR PHRASE.
 2. SPECIFICATION REQUIREMENTS ARE TO BE PERFORMED BY CONTRACTOR UNLESS SPECIFICALLY STATED OTHERWISE.
- B. DIVISION 01 GENERAL REQUIREMENTS: REQUIREMENTS OF SECTIONS IN DIVISION 01 APPLY TO THE WORK OF ALL SECTIONS IN THE SPECIFICATIONS.
- C. DRAWING COORDINATION: REQUIREMENTS FOR MATERIALS AND PRODUCTS IDENTIFIED ON DRAWINGS ARE DESCRIBED IN DETAIL IN THE SPECIFICATIONS. ONE OR MORE OF THE FOLLOWING ARE USED ON DRAWINGS TO IDENTIFY MATERIALS AND PRODUCTS:
1. TERMINOLOGY: MATERIALS AND PRODUCTS ARE IDENTIFIED BY THE TYPICAL GENERIC TERMS USED IN THE INDIVIDUAL SPECIFICATIONS SECTIONS.
 2. ABBREVIATIONS: MATERIALS AND PRODUCTS ARE IDENTIFIED BY ABBREVIATIONS.
 3. KEYNOTING: MATERIALS AND PRODUCTS ARE IDENTIFIED BY REFERENCE KEYNOTES REFERENCING SPECIFICATION SECTION NUMBERS FOUND IN THIS PROJECT MANUAL.

SECTION 012500 - SUBSTITUTION PROCEDURES

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
- A. CRITERIA DRAWINGS AND GENERAL PROVISIONS OF THE LA-Z-BOY CORPORATE CONTRACT AGREEMENT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND OTHER DIVISION 01 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.
- 1.2 SUMMARY
- A. SECTION INCLUDES ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS FOR SUBSTITUTIONS.
- 1.3 DEFINITIONS
- A. SUBSTITUTIONS: CHANGES IN PRODUCTS, MATERIALS, EQUIPMENT, AND METHODS OF CONSTRUCTION FROM THOSE REQUIRED BY THE CONTRACT DOCUMENTS AND PROPOSED BY CONTRACTOR.

1. SUBSTITUTIONS FOR CAUSE: CHANGES PROPOSED BY CONTRACTOR THAT ARE REQUIRED DUE TO CHANGED PROJECT CONDITIONS, SUCH AS UNAVAILABILITY OF PRODUCT, REGULATORY CHANGES, OR UNAVAILABILITY OF REQUIRED WARRANTY TERMS.
- 1.4 ACTION SUBMITTALS
- A. SUBSTITUTION REQUESTS: SUBMIT THREE COPIES OF EACH REQUEST FOR CONSIDERATION. IDENTIFY PRODUCT OR FABRICATION OR INSTALLATION METHOD TO BE REPLACED. INCLUDE SPECIFICATION SECTION NUMBER AND TITLE AND DRAWING NUMBERS AND TITLES.
1. SUBSTITUTION REQUEST FORM: USE FACSIMILE OF PROJECT ENGINEER/ARCHITECT (ARCHITECT OR ENGINEER OF RECORD) FORM.
 2. DOCUMENTATION: SHOW COMPLIANCE WITH REQUIREMENTS FOR SUBSTITUTIONS AND THE FOLLOWING, AS APPLICABLE:
 - a. STATEMENT INDICATING WHY SPECIFIED PRODUCT OR FABRICATION OR INSTALLATION METHOD CANNOT BE PROVIDED, IF APPLICABLE.
 - b. COORDINATION OF INFORMATION, INCLUDING A LIST OF CHANGES OR REVISIONS NEEDED TO OTHER PARTS OF THE WORK AND TO CONSTRUCTION PERFORMED BY OWNER AND SEPARATE CONTRACTORS THAT WILL BE NECESSARY TO ACCOMMODATE PROPOSED SUBSTITUTION.
 - c. DETAILED COMPARISON OF SIGNIFICANT QUALITIES OF PROPOSED SUBSTITUTIONS WITH THOSE OF THE WORK SPECIFIED. INCLUDE ANNOTATED COPY OF APPLICABLE SPECIFICATION SECTION. SIGNIFICANT QUALITIES MAY INCLUDE ATTRIBUTES, SUCH AS PERFORMANCE, WEIGHT, SIZE, DURABILITY, VISUAL EFFECT, SUSTAINABLE DESIGN CHARACTERISTICS, WARRANTIES, AND SPECIFIC FEATURES AND REQUIREMENTS INDICATED. INDICATE DEVIATIONS, IF ANY, FROM THE WORK SPECIFIED.
 - d. PRODUCT DATA, INCLUDING DRAWINGS AND DESCRIPTIONS OF PRODUCTS AND FABRICATION AND INSTALLATION PROCEDURES.

- e. SAMPLES, WHERE APPLICABLE OR REQUESTED.
 - f. CERTIFICATES AND QUALIFICATION DATA, WHERE APPLICABLE OR REQUESTED.
 - g. MATERIAL TEST REPORTS FROM A QUALIFIED TESTING AGENCY, INDICATING AND INTERPRETING TEST RESULTS FOR COMPLIANCE WITH REQUIREMENTS INDICATED.
 - h. RESEARCH REPORTS EVIDENCING COMPLIANCE WITH BUILDING CODE IN EFFECT FOR PROJECT.
 - i. DETAILED COMPARISON OF CONTRACTOR'S CONSTRUCTION SCHEDULE USING PROPOSED SUBSTITUTIONS WITH PRODUCTS SPECIFIED FOR THE WORK, INCLUDING EFFECT ON THE OVERALL CONTRACT TIME. IF SPECIFIED PRODUCT OR METHOD OF CONSTRUCTION CANNOT BE PROVIDED WITHIN THE CONTRACT TIME, INCLUDE LETTER FROM MANUFACTURER, OR MANUFACTURER'S LETTERHEAD, STATING DATE OF RECEIPT OF PURCHASE ORDER, LACK OF AVAILABILITY, OR DELAYS IN DELIVERY.
 - j. COST INFORMATION, INCLUDING A PROPOSAL OF CHANGE, IF ANY, IN THE CONTRACT SUM.
 - k. CONTRACTOR'S CERTIFICATION THAT PROPOSED SUBSTITUTION COMPLIES WITH REQUIREMENTS IN THE CONTRACT DOCUMENTS, EXCEPT AS INDICATED IN SUBSTITUTION REQUEST, IS COMPATIBLE WITH RELATED MATERIALS AND IS APPROPRIATE FOR APPLICATIONS INDICATED.
 - l. CONTRACTOR'S WAIVER OF RIGHTS TO ADDITIONAL PAYMENT OR TIME THAT MAY SUBSEQUENTLY BECOME NECESSARY BECAUSE OF FAILURE OF PROPOSED SUBSTITUTION TO PRODUCE INDICATED RESULTS.
3. LA-Z-BOY CORPORATE ACTION: IF NECESSARY, LA-Z-BOY CORPORATE WILL REQUEST ADDITIONAL INFORMATION OR DOCUMENTATION FOR EVALUATION WITHIN SEVEN DAYS OF RECEIPT OF A REQUEST FOR SUBSTITUTION. LA-Z-BOY CORPORATE WILL NOTIFY CONTRACTOR OF ACCEPTANCE OR REJECTION OF PROPOSED SUBSTITUTION WITHIN 15 DAYS OF RECEIPT OF REQUEST, OR SEVEN DAYS OF RECEIPT OF ADDITIONAL INFORMATION OR DOCUMENTATION, WHICHEVER IS LATER.
- a. FORMS OF ACCEPTANCE: CHANGE ORDER, CONSTRUCTION CHANGE DIRECTIVE.
 - b. USE PRODUCT SPECIFIED IF LA-Z-BOY CORPORATE DOES NOT ISSUE A DECISION ON USE OF A PROPOSED SUBSTITUTION WITHIN TIME ALLOCATED IS PROHIBITED.

1.5 QUALITY ASSURANCE

- A. COMPATIBILITY OF SUBSTITUTIONS: INVESTIGATE AND DOCUMENT COMPATIBILITY OF PROPOSED SUBSTITUTION WITH RELATED PRODUCTS AND MATERIALS. ENGAGE A QUALIFIED TESTING AGENCY TO PERFORM COMPATIBILITY TESTS RECOMMENDED BY MANUFACTURERS.
- 1.6 PROCEDURES
- A. COORDINATION: REVISE OR ADJUST AFFECTED WORK AS NECESSARY TO INTEGRATE WORK OF THE APPROVED SUBSTITUTIONS.
- 1.7 SUBSTITUTIONS
- A. SUBSTITUTIONS FOR CAUSE: SUBMIT REQUESTS FOR SUBSTITUTION IMMEDIATELY ON DISCOVERY OF NEED FOR CHANGE, BUT NOT LATER THAN 15 DAYS PRIOR TO TIME REQUIRED FOR PREPARATION AND REVIEW OF RELATED SUBMITTALS.
1. CONDITIONS: ARCHITECT WILL CONSIDER CONTRACTOR'S REQUEST FOR SUBSTITUTION WHEN THE FOLLOWING CONDITIONS ARE SATISFIED. IF THE FOLLOWING CONDITIONS ARE NOT SATISFIED, ARCHITECT WILL RETURN REQUESTS WITHOUT ACTION, EXCEPT TO RECORD NONCOMPLIANCE WITH THESE REQUIREMENTS:
 - a. REQUESTED SUBSTITUTION IS CONSISTENT WITH THE CONTRACT DOCUMENTS AND WILL PRODUCE INDICATED RESULTS.
 - b. SUBSTITUTION REQUEST IS FULLY DOCUMENTED AND PROPERLY SUBMITTED.
 - c. REQUESTED SUBSTITUTION WILL NOT ADVERSELY AFFECT CONTRACTOR'S CONSTRUCTION SCHEDULE.
 - d. REQUESTED SUBSTITUTION HAS RECEIVED NECESSARY APPROVALS OF AUTHORITIES HAVING JURISDICTION.
 - e. REQUESTED SUBSTITUTION IS COMPATIBLE WITH OTHER PORTIONS OF THE WORK.
 - f. REQUESTED SUBSTITUTION HAS BEEN COORDINATED WITH OTHER PORTIONS OF THE WORK.
 - g. REQUESTED SUBSTITUTION PROVIDES SPECIFIED WARRANTY.
 - h. IF REQUESTED SUBSTITUTION INVOLVES MORE THAN ONE CONTRACTOR, REQUESTED SUBSTITUTION HAS BEEN COORDINATED WITH OTHER PORTIONS OF THE WORK, IS UNIFORM AND CONSISTENT, IS COMPATIBLE WITH OTHER PRODUCTS, AND IS ACCEPTABLE TO ALL CONTRACTORS INVOLVED.
- B. SUBSTITUTIONS FOR CONVENIENCE: NOT ALLOWED.

SECTION 013100 - PROJECT MANAGEMENT AND COORDINATION

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
- A. DRAWINGS AND GENERAL PROVISIONS OF THE LA-Z-BOY CORPORATE CONTRACT AGREEMENT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND OTHER DIVISION 01 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.
- 1.2 SUMMARY
- A. SECTION INCLUDES ADMINISTRATIVE PROVISIONS FOR COORDINATING CONSTRUCTION OPERATIONS ON PROJECT INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
1. GENERAL COORDINATION PROCEDURES.
 2. RFIS.
 3. PROJECT MEETINGS.
- B. EACH CONTRACTOR SHALL PARTICIPATE IN COORDINATION REQUIREMENTS. CERTAIN AREAS OF RESPONSIBILITY ARE ASSIGNED TO A SPECIFIC CONTRACTOR.
- 1.3 DEFINITIONS
- A. RFI: REQUEST FOR INFORMATION. REQUEST FROM OWNER, CONSTRUCTION MANAGER, ARCHITECT, OR CONTRACTOR SEEKING INFORMATION REQUIRED BY OR CLARIFICATIONS OF THE CRITERIA & CONTRACT DOCUMENTS.
- 1.4 GENERAL COORDINATION PROCEDURES
- A. COORDINATION: COORDINATE CONSTRUCTION OPERATIONS INCLUDED IN DIFFERENT SECTIONS OF THE SPECIFICATIONS TO ENSURE EFFICIENT AND ORDERLY INSTALLATION OF EACH PART OF THE WORK. COORDINATE CONSTRUCTION OPERATIONS INCLUDED IN DIFFERENT SECTIONS THAT DEPEND

ON EACH OTHER FOR PROPER INSTALLATION, CONNECTION, AND OPERATION.

1. SCHEDULE CONSTRUCTION OPERATIONS IN SEQUENCE REQUIRED TO OBTAIN THE BEST RESULTS WHERE INSTALLATION OF ONE PART OF THE WORK DEPENDS ON INSTALLATION OF OTHER COMPONENTS, BEFORE OR AFTER ITS OWN INSTALLATION.
2. COORDINATE INSTALLATION OF DIFFERENT COMPONENTS TO ENSURE MAXIMUM PERFORMANCE AND ACCESSIBILITY FOR REQUIRED MAINTENANCE, SERVICE, AND REPAIR.
3. MAKE ADEQUATE PROVISIONS TO ACCOMMODATE ITEMS SCHEDULED FOR LATER INSTALLATION.

1.5 REQUEST FOR INFORMATION (RFI)

- A. GENERAL: IMMEDIATELY ON DISCOVERY OF THE NEED FOR ADDITIONAL INFORMATION, CLARIFICATION, OR INTERPRETATION OF THE CRITERIA OR CONTRACT DOCUMENTS, OWNER, ARCHITECT/ENGINEER, OR CONTRACTOR SHALL PREPARE AND SUBMIT AN RFI IN THE FORM SPECIFIED.
1. LA-Z-BOY CORPORATE WILL RETURN WITHOUT RESPONSE THOSE RFIS SUBMITTED TO LA-Z-BOY CORPORATE BY ENTITIES OTHER THAN THE OWNER, ARCHITECT/ENGINEER, OR CONTRACTOR.
 2. COORDINATE AND SUBMIT RFIS IN A PROMPT MANNER SO AS TO AVOID PROJECT DELAYS.
- B. CONTENT OF THE RFI: INCLUDE A DETAILED, LEGIBLE DESCRIPTION OF ITEM NEEDING INFORMATION OR INTERPRETATION AND THE FOLLOWING:
1. PROJECT NAME.
 2. PROJECT NUMBER.
 3. DATE.
 4. NAME OF OWNER, ARCHITECT/ENGINEER, OR CONTRACTOR.
 5. RFI NUMBER, NUMBERED SEQUENTIALLY.
 6. RFI SUBJECT.
 7. SPECIFICATION SECTION NUMBER AND TITLE AND RELATED PARAGRAPHS, AS APPROPRIATE.
 8. DRAWING NUMBER AND DETAIL REFERENCES, AS APPROPRIATE.
 9. CONTRACTOR'S SUGGESTED RESOLUTION. IF CONTRACTOR'S SUGGESTED RESOLUTION IMPACTS THE CONTRACT TIME OR THE CONTRACT SUM, CONTRACTOR SHALL STATE IMPACT IN THE RFI.
 10. CONTRACTOR'S SIGNATURE.
 11. RFI FORMS: AIA DOCUMENT G716 OR APPROVED SIMILAR FORMAT. RFI FORM SHALL BE ELECTRONIC FILES IN PDF FORMAT. ATTACHMENTS SHALL BE ELECTRONIC FILES IN PDF FORMAT.
- C. LA-Z-BOY CORPORATE ACTION: LA-Z-BOY CORPORATE WILL REVIEW EACH RFI, DETERMINE ACTION REQUIRED, AND RESPOND. ALLOW SEVEN WORKING DAYS FOR ARCHITECT'S RESPONSE FOR EACH RFI. RFIS RECEIVED BY LA-Z-BOY CORPORATE AFTER 1:00 P.M. WILL BE CONSIDERED AS RECEIVED THE FOLLOWING WORKING DAY.

1. THE FOLLOWING OWNER, A/E, CONTRACTOR-GENERATED RFIS WILL BE RETURNED WITHOUT ACTION:
 - a. REQUESTS FOR APPROVAL OF SUBMITTALS.
 - b. REQUESTS FOR APPROVAL OF SUBSTITUTIONS.
 - c. REQUESTS FOR APPROVAL OF CONTRACTOR'S MEANS AND METHODS.
 - d. REQUESTS FOR COORDINATION INFORMATION ALREADY INDICATED IN THE CRITERIA & CONTRACT DOCUMENTS.
 - e. INCOMPLETE RFIS OR INACCURATELY PREPARED RFIS.
2. LA-Z-BOY CORPORATE'S ACTION MAY INCLUDE A REQUEST FOR ADDITIONAL INFORMATION, IN WHICH CASE LA-Z-BOY CORPORATE'S TIME FOR RESPONSE WILL DATE FROM TIME OF RECEIPT BY LA-Z-BOY CORPORATE OF ADDITIONAL INFORMATION.

1.6 PROJECT MEETINGS

- A. GENERAL: LA-Z-BOY CORPORATE WILL SCHEDULE AND CONDUCT DIGITAL MEETINGS AND CONFERENCES UNLESS OTHERWISE INDICATED.
1. ATTENDEES: AS DESIGNATED BY LA-Z-BOY CORPORATE.
- B. PROJECT CLOSEOUT CONFERENCE: OWNER OR CONTRACTOR SHALL SCHEDULE AND CONDUCT A PROJECT CLOSEOUT CONFERENCE, AT A TIME CONVENIENT TO LA-Z-BOY CORPORATE, OWNER AND ARCHITECT/ENGINEER, BUT NO LATER THAN 15 DAYS PRIOR TO THE SCHEDULED DATE OF SUBSTANTIAL COMPLETION.
- C. PROGRESS MEETINGS: CONDUCT PROGRESS MEETINGS AT REGULAR INTERVALS.
- D. COORDINATION MEETINGS: CONDUCT PROJECT COORDINATION MEETINGS AT REGULAR INTERVALS. PROJECT COORDINATION MEETINGS ARE IN ADDITION TO SPECIFIC MEETINGS HELD FOR OTHER PURPOSES, SUCH AS PROGRESS MEETINGS AND PRE-INSTALLATION CONFERENCES.

SECTION 013200 - CONSTRUCTION PROGRESS DOCUMENTATION

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
- A. DRAWINGS AND GENERAL PROVISIONS OF THE LA-Z-BOY CORPORATE CONTRACT AGREEMENT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND OTHER DIVISION 01 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.
- 1.2 SUMMARY
- A. SECTION INCLUDES ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS FOR DOCUMENTING THE PROGRESS OF CONSTRUCTION DURING PERFORMANCE OF THE WORK, INCLUDING THE FOLLOWING:
1. CONTRACTOR'S CONSTRUCTION SCHEDULE.
- 1.3 INFORMATIONAL SUBMITTALS
- A. FORMAT FOR SUBMITTALS: SUBMIT REQUIRED SUBMITTALS IN THE FOLLOWING FORMAT:
1. PDF FILE.
- B. STARTUP CONSTRUCTION SCHEDULE.
- C. CONTRACTOR'S CONSTRUCTION SCHEDULE: INITIAL SCHEDULE, OF SIZE REQUIRED TO DISPLAY ENTIRE SCHEDULE FOR ENTIRE CONSTRUCTION PERIOD.
- D. CONSTRUCTION SCHEDULE UPDATING REPORTS: SUBMIT IMMEDIATELY UPON CHANGE OF CONSTRUCTION SCHEDULE.
- E. DAILY CONSTRUCTION REPORTS: SUBMIT AT WEEKLY INTERVALS.
- F. SITE CONDITION REPORTS: SUBMIT AT TIME OF DISCOVERY OF DIFFERING CONDITIONS.
- G. UNUSUAL EVENT REPORTS: SUBMIT AT TIME OF UNUSUAL EVENT.
- 1.4 CONTRACTOR'S CONSTRUCTION SCHEDULE, GENERAL
- A. COMPUTER SCHEDULING SOFTWARE: PREPARE SCHEDULES USING CURRENT

VERSION OF A PROGRAM THAT HAS BEEN DEVELOPED SPECIFICALLY TO MANAGE CONSTRUCTION SCHEDULES.

1. USE PRIMAVERA OR CONTRACTORS STANDARD OPERATING SYSTEM.
- B. MILESTONES: INCLUDE MILESTONES INDICATED IN THE CRITERIA AND CONTRACT DOCUMENTS IN SCHEDULE, INCLUDING, BUT NOT LIMITED TO, THE NOTICE TO PROCEED, SUBSTANTIAL COMPLETION, AND FINAL COMPLETION.
- C. CONTRACTOR'S CONSTRUCTION SCHEDULE UPDATING: AT REGULAR AND TIMELY INTERVALS, UPDATE SCHEDULE TO REFLECT ACTUAL CONSTRUCTION PROGRESS AND ACTIVITIES. ISSUE SCHEDULE ONE WEEK BEFORE EACH REGULARLY SCHEDULED PROGRESS MEETING.
1. REVISE SCHEDULE IMMEDIATELY AFTER EACH MEETING OR OTHER ACTIVITY WHERE REVISIONS HAVE BEEN RECOGNIZED OR MADE. ISSUE UPDATED SCHEDULE CONCURRENTLY WITH THE REPORT OF EACH SUCH MEETING.

SECTION 014000 - QUALITY REQUIREMENTS

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
- A. DRAWINGS AND GENERAL PROVISIONS OF THE LA-Z-BOY CORPORATE CONTRACT AGREEMENT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND OTHER DIVISION 01 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.
- 1.2 SUMMARY
- A. SECTION INCLUDES ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS FOR QUALITY ASSURANCE AND QUALITY CONTROL.
- B. TESTING AND INSPECTION SERVICES ARE REQUIRED TO VERIFY COMPLIANCE WITH REQUIREMENTS SPECIFIED OR INDICATED. THESE SERVICES DO NOT RELIEVE CONTRACTOR OF RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENT REQUIREMENTS.
1. SPECIFIC QUALITY-ASSURANCE AND QUALITY-CONTROL REQUIREMENTS FOR INDIVIDUAL WORK RESULTS ARE SPECIFIED IN THEIR RESPECTIVE SPECIFICATION SECTIONS. REQUIREMENTS IN INDIVIDUAL SECTIONS MAY ALSO COVER PRODUCTION OF STANDARD PRODUCTS.
 2. SPECIFIED TESTS, INSPECTIONS, AND RELATED ACTIONS DO NOT LIMIT CONTRACTOR'S OTHER QUALITY-ASSURANCE AND QUALITY-CONTROL PROCEDURES THAT FACILITATE COMPLIANCE WITH THE CONTRACT DOCUMENT REQUIREMENTS.
 3. REQUIREMENTS FOR CONTRACTOR TO PROVIDE QUALITY-ASSURANCE AND QUALITY-CONTROL SERVICES REQUIRED BY LA-Z-BOY CORPORATE, ARCHITECT, OWNER, OR AUTHORITIES HAVING JURISDICTION ARE NOT LIMITED BY PROVISIONS OF THIS SECTION.
 4. SPECIFIC TEST AND INSPECTION REQUIREMENTS ARE NOT SPECIFIED IN THIS SECTION.
- 1.3 DELEGATED-DESIGN SERVICES
- A. PERFORMANCE AND DESIGN CRITERIA: WHERE PROFESSIONAL DESIGN SERVICES OR CERTIFICATIONS BY A DESIGN PROFESSIONAL ARE SPECIFICALLY REQUIRED OF OWNER AND/OR CONTRACTOR BY THE CRITERIA AND CONTRACT DOCUMENTS, PROVIDE PRODUCTS AND SYSTEMS COMPLYING WITH SPECIFIC PERFORMANCE AND DESIGN CRITERIA INDICATED.
1. IF CRITERIA INDICATED ARE NOT SUFFICIENT TO PERFORM SERVICES OR CERTIFICATION REQUIRED, SUBMIT A WRITTEN REQUEST FOR ADDITIONAL INFORMATION TO LA-Z-BOY CORPORATE.
- 1.4 CONFLICTING REQUIREMENTS
- A. CONFLICTING STANDARDS AND OTHER REQUIREMENTS: IF COMPLIANCE WITH TWO OR MORE STANDARDS OR REQUIREMENTS ARE SPECIFIED AND THE STANDARDS OR REQUIREMENTS ESTABLISH DIFFERENT OR CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITIES OR QUALITY LEVELS, COMPLY WITH THE MOST STRINGENT REQUIREMENT. REFER CONFLICTING REQUIREMENTS THAT ARE DIFFERENT, BUT APPARENTLY EQUAL, TO LA-Z-BOY CORPORATE FOR DIRECTION BEFORE PROCEEDING.
- B. MINIMUM QUANTITY OR QUALITY LEVELS: THE QUANTITY OR QUALITY LEVEL SHOWN OR SPECIFIED SHALL BE THE MINIMUM PROVIDED OR PERFORMED. THE ACTUAL INSTALLATION MAY COMPLY EXACTLY WITH THE MINIMUM QUANTITY OR QUALITY SPECIFIED, OR IT MAY EXCEED THE MINIMUM WITHIN REASONABLE LIMITS. TO COMPLY WITH THESE REQUIREMENTS, INDICATED NUMERIC VALUES ARE MINIMUM OR MAXIMUM, AS APPROPRIATE, FOR THE CONTEXT OF REQUIREMENTS. REFER UNCERTAINTIES TO LA-Z-BOY CORPORATE FOR A DECISION BEFORE PROCEEDING.
- 1.5 ACTION SUBMITTALS
- A. DELEGATED-DESIGN SERVICES SUBMITTAL: SUBMIT PLANS AND SPECIFICATIONS FOR THE PROJECT AS PREPARED THE RESPONSIBLE DESIGN PROFESSIONAL. PLANS AND SPECIFICATIONS SHALL INDICATE THAT THE PROJECT DESIGN IS IN COMPLIANCE WITH PERFORMANCE AND DESIGN CRITERIA INDICATED BY LA-Z-BOY CORPORATE.
- 1.6 INFORMATIONAL SUBMITTALS
- A. CONTRACTOR'S QUALITY-CONTROL PLAN: FOR QUALITY-ASSURANCE AND QUALITY-CONTROL ACTIVITIES AND RESPONSIBILITIES.
- B. CONTRACTOR'S STATEMENT OF RESPONSIBILITY: WHEN REQUIRED BY AUTHORITIES HAVING JURISDICTION, SUBMIT COPY OF WRITTEN STATEMENT OF RESPONSIBILITY SUBMITTED TO AUTHORITIES HAVING JURISDICTION BEFORE STARTING WORK ON THE FOLLOWING SYSTEMS:
1. STATE AND LOCAL BUILDING CODE "SPECIAL INSPECTIONS."
- C. REPORTS: PREPARE AND SUBMIT CERTIFIED WRITTEN REPORTS AND DOCUMENTS AS SPECIFIED.
- D. PERMITS, LICENSES, AND CERTIFICATES: FOR LA-Z-BOY CORPORATE'S RECORD, SUBMIT COPIES OF PERMITS, LICENSES, CERTIFICATIONS, INSPECTION REPORTS, RELEASES, JURISDICTIONAL SETTLEMENTS, NOTICES, RECEIPTS FOR FEE PAYMENTS, JUDGMENTS, CORRESPONDENCE, RECORDS, AND SIMILAR DOCUMENTS ESTABLISHED FOR COMPLIANCE WITH STANDARDS AND REGULATIONS BEARING ON PERFORMANCE OF THE WORK.

1.7 REPORTS AND DOCUMENTS

- A. TEST AND INSPECTION REPORTS: PREPARE AND SUBMIT CERTIFIED WRITTEN REPORTS SPECIFIED IN OTHER SECTIONS. INCLUDE THE FOLLOWING:
1. DATE OF ISSUE.
 2. PROJECT TITLE AND NUMBER.
 3. NAME, ADDRESS, TELEPHONE NUMBER, AND EMAIL ADDRESS OF TESTING AGENCY.
 4. DATES AND LOCATIONS OF SAMPLES AND TESTS OR INSPECTIONS.
 5. NAMES OF INDIVIDUALS MAKING TESTS AND INSPECTIONS.
 6. DESCRIPTION OF THE WORK AND TEST AND INSPECTION METHOD.
 7. IDENTIFICATION OF PRODUCT AND SPECIFICATION SECTION.
 8. COMPLETE TEST OR INSPECTION DATA.

9. TEST AND INSPECTION RESULTS AND AN INTERPRETATION OF TEST RESULTS.
 10. RECORD OF TEMPERATURE AND WEATHER CONDITIONS AT TIME OF SAMPLE TAKING AND TESTING AND INSPECTION.
 11. COMMENTS OR PROFESSIONAL OPINION ON WHETHER TESTED OR INSPECTED WORK COMPLIES WITH THE CONTRACT DOCUMENT REQUIREMENTS.
 12. NAME AND SIGNATURE OF LABORATORY INSPECTOR.
 13. RECOMMENDATIONS ON RETESTING AND RE-INSPECTING.
- B. MANUFACTURER'S TECHNICAL REPRESENTATIVE'S FIELD REPORTS: PREPARE WRITTEN INFORMATION DOCUMENTING MANUFACTURER'S TECHNICAL REPRESENTATIVE'S TESTS AND INSPECTIONS SPECIFIED IN OTHER SECTIONS. INCLUDE THE FOLLOWING:
1. NAME, ADDRESS, TELEPHONE NUMBER, AND EMAIL ADDRESS OF TECHNICAL REPRESENTATIVE MAKING REPORT.
 2. STATEMENT ON CONDITION OF SUBSTRATES AND THEIR ACCEPTABILITY FOR INSTALLATION OF PRODUCT.
 3. STATEMENT THAT PRODUCTS AT PROJECT SITE COMPLY WITH REQUIREMENTS.
 4. SUMMARY OF INSTALLATION PROCEDURES BEING FOLLOWED, WHETHER THEY COMPLY WITH REQUIREMENTS AND, IF NOT, WHAT CORRECTIVE ACTION WAS TAKEN.
 5. RESULTS OF OPERATIONAL AND OTHER TESTS AND A STATEMENT OF WHETHER OBSERVED PERFORMANCE COMPLIES WITH REQUIREMENTS.
 6. STATEMENT WHETHER CONDITIONS, PRODUCTS, AND INSTALLATION WILL AFFECT WARRANTY.
 7. OTHER REQUIRED ITEMS INDICATED IN INDIVIDUAL SPECIFICATION SECTIONS.
- C. FACTORY-AUTHORIZED SERVICE REPRESENTATIVE'S REPORTS: PREPARE WRITTEN INFORMATION DOCUMENTING MANUFACTURER'S FACTORY-AUTHORIZED SERVICE REPRESENTATIVE'S TESTS AND INSPECTIONS SPECIFIED IN OTHER SECTIONS. INCLUDE THE FOLLOWING:
1. NAME, ADDRESS, TELEPHONE NUMBER, AND EMAIL ADDRESS OF FACTORY-AUTHORIZED SERVICE REPRESENTATIVE MAKING REPORT.
 2. STATEMENT THAT EQUIPMENT COMPLIES WITH REQUIREMENTS.
 3. RESULTS OF OPERATIONAL AND OTHER TESTS AND A STATEMENT OF WHETHER OBSERVED PERFORMANCE COMPLIES WITH REQUIREMENTS.
 4. STATEMENT WHETHER CONDITIONS, PRODUCTS, AND INSTALLATION WILL AFFECT WARRANTY.
 5. OTHER REQUIRED ITEMS INDICATED IN INDIVIDUAL SPECIFICATION SECTIONS.

1.8 QUALITY ASSURANCE

- A. GENERAL: QUALIFICATIONS PARAGRAPHS IN THIS ARTICLE ESTABLISH THE MINIMUM QUALIFICATION LEVELS REQUIRED; INDIVIDUAL SPECIFICATION SECTIONS SPECIFY ADDITIONAL REQUIREMENTS.
- B. MANUFACTURER QUALIFICATIONS: A FIRM EXPERIENCED IN MANUFACTURING PRODUCTS OR SYSTEMS SIMILAR TO THOSE INDICATED FOR THIS PROJECT AND WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE, AS WELL AS SUFFICIENT PRODUCTION CAPACITY TO PRODUCE REQUIRED UNITS, AS APPLICABLE, PROCURE PRODUCTS FROM MANUFACTURERS ABLE TO MEET QUALIFICATION REQUIREMENTS, WARRANTY REQUIREMENTS, AND TECHNICAL OR FACTORY-AUTHORIZED SERVICE REPRESENTATIVE REQUIREMENTS.
- C. FABRICATOR QUALIFICATIONS: A FIRM EXPERIENCED IN PRODUCING PRODUCTS SIMILAR TO THOSE INDICATED FOR THIS PROJECT AND WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE, AS WELL AS SUFFICIENT PRODUCTION CAPACITY TO PRODUCE REQUIRED UNITS.
- D. INSTALLER QUALIFICATIONS: A FIRM OR INDIVIDUAL EXPERIENCED IN INSTALLING, ERECTING, APPLYING, OR ASSEMBLING WORK SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT, WHOSE WORK HAS RESULTED IN CONSTRUCTION WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.
- E. PROFESSIONAL ENGINEER QUALIFICATIONS: A PROFESSIONAL ENGINEER WHO IS LEGALLY QUALIFIED TO PRACTICE IN JURISDICTION WHERE PROJECT IS LOCATED AND WHO IS EXPERIENCED IN PROVIDING ENGINEERING SERVICES OF THE KIND INDICATED. ENGINEERING SERVICES ARE DEFINED AS THOSE PERFORMED FOR INSTALLATIONS OF THE SYSTEM, ASSEMBLY, OR PRODUCT THAT ARE SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THOSE INDICATED FOR THIS PROJECT.
- F. SPECIALISTS: CERTAIN SPECIFICATION SECTIONS REQUIRE THAT SPECIFIC CONSTRUCTION ACTIVITIES SHALL BE PERFORMED BY ENTITIES WHO ARE RECOGNIZED EXPERTS IN THOSE OPERATIONS. SPECIALISTS SHALL SATISFY QUALIFICATION REQUIREMENTS INDICATED AND SHALL BE ENGAGED FOR THE ACTIVITIES INDICATED.
1. REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION SHALL SUPERSEDE REQUIREMENTS FOR SPECIALISTS.
- G. TESTING AGENCY QUALIFICATIONS: AN NRTL, AN NVLAP, OR AN INDEPENDENT AGENCY WITH THE EXPERIENCE AND CAPABILITY TO CONDUCT TESTING AND INSPECTION INDICATED, AS DOCUMENTED ACCORDING TO ASTM E 329; AND WITH ADDITIONAL QUALIFICATIONS SPECIFIED IN INDIVIDUAL SECTIONS; AND, WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION, THAT IS ACCEPTABLE TO AUTHORITIES.
- H. MANUFACTURER'S TECHNICAL REPRESENTATIVE QUALIFICATIONS: AN AUTHORIZED REPRESENTATIVE OF MANUFACTURER WHO IS TRAINED AND APPROVED BY MANUFACTURER TO OBSERVE AND INSPECT INSTALLATION OF MANUFACTURER'S PRODUCTS THAT ARE SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THOSE INDICATED FOR THIS PROJECT.
- I. FACTORY-AUTHORIZED SERVICE REPRESENTATIVE QUALIFICATIONS: AN AUTHORIZED REPRESENTATIVE OF MANUFACTURER WHO IS TRAINED AND APPROVED BY MANUFACTURER TO INSPECT INSTALLATION OF MANUFACTURER'S PRODUCTS THAT ARE SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THOSE INDICATED FOR THIS PROJECT.

1.9 QUALITY CONTROL

- A. CONTRACTOR RESPONSIBILITIES: TESTS AND INSPECTIONS ARE THE CONTRACTOR'S RESPONSIBILITY. PERFORM ADDITIONAL QUALITY-CONTROL ACTIVITIES, WHETHER SPECIFIED OR NOT, TO VERIFY AND DOCUMENT THAT THE WORK COMPLIES WITH REQUIREMENTS.
1. UNLESS OTHERWISE INDICATED, PROVIDE QUALITY-CONTROL SERVICES SPECIFIED AND THOSE REQUIRED BY AUTHORITIES HAVING JURISDICTION. PERFORM QUALITY-CONTROL SERVICES REQUIRED OF CONTRACTOR BY AUTHORITIES HAVING JURISDICTION, WHETHER SPECIFIED OR NOT.
 2. ENGAGE A QUALIFIED TESTING AGENCY TO PERFORM QUALITY-CONTROL SERVICES.
 3. WHERE QUALITY-CONTROL SERVICES ARE INDICATED AS CONTRACTOR'S RESPONSIBILITY, SUBMIT A CERTIFIED WRITTEN REPORT, IN DUPLICATE, OF EACH QUALITY-CONTROL SERVICE.
 4. TESTING AND INSPECTION REQUESTED BY CONTRACTOR AND NOT REQUIRED BY THE CONTRACT DOCUMENTS ARE CONTRACTOR'S RESPONSIBILITY.

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LA Z BOY

HOME FURNISHINGS & DÉCOR

6366 20TH STREET
VERO BEACH, FL 32966

ISSUED FOR:
BID SET 03-15-24

SHEET TITLE:

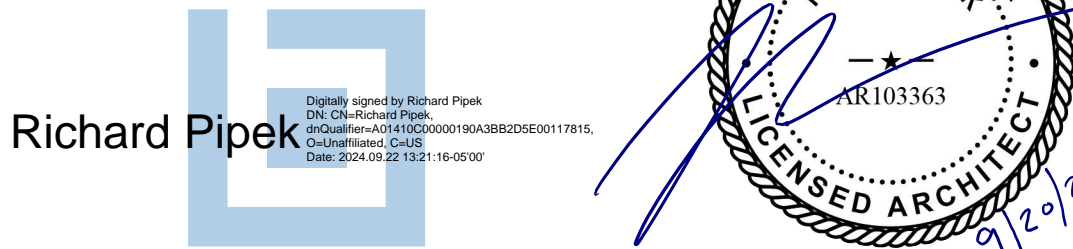
ARCHITECTURAL
SPECIFICIATIONS

STORE NAME:
LA-Z-BOY -
VERO BEACH

USABLE SQUARE FOOTAGES:	
TOTAL BLDG.	15,886 SF
STOCK ROOM	505 SF
SHOW ROOM	13,789 SF
RESTROOMS	160 SF
OTHER	1,432 SF

SHEET NO.
A0.1

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La-Z-Boy



SECTION 017700 - CLOSEOUT PROCEDURES (CONTINUED)

1.9 SUBMITTAL OF PROJECT WARRANTIES

- A. TIME OF SUBMITTAL: SUBMIT WRITTEN WARRANTIES ON REQUEST OF LA-Z-BOY CORPORATE, ARCHITECT/ENGINEER OF RECORD, AND OWNER FOR DESIGNATED PORTIONS OF THE WORK WHERE WARRANTIES ARE INDICATED TO COMMENCE ON DATES OTHER THAN DATE OF SUBSTANTIAL COMPLETION, OR WHEN DELAY IN SUBMITTAL OF WARRANTIES MIGHT LIMIT OWNER'S RIGHTS UNDER WARRANTY.
- B. PARTIAL OCCUPANCY: SUBMIT PROPERLY EXECUTED WARRANTIES WITHIN 10 DAYS OF COMPLETION OF DESIGNATED PORTIONS OF THE WORK THAT ARE COMPLETED AND OCCUPIED OR USED BY OWNER DURING CONSTRUCTION PERIOD BY SEPARATE AGREEMENT WITH CONTRACTOR.

- C. ORGANIZE WARRANTY DOCUMENTS INTO AN ORDERLY SEQUENCE BASED ON THE TABLE OF CONTENTS OF PROJECT MANUAL.

- D. WARRANTY ELECTRONIC FILE: PROVIDE WARRANTIES AND BONDS IN PDF FORMAT. ASSEMBLE COMPLETE WARRANTY AND BOND SUBMITTAL PACKAGE INTO A SINGLE ELECTRONIC PDF FILE WITH BOOKMARKS ENABLING NAVIGATION TO EACH ITEM. PROVIDE BOOKMARKED TABLE OF CONTENTS AT BEGINNING OF DOCUMENT.

1. SUBMIT ON DIGITAL MEDIA ACCEPTABLE TO ARCHITECT/ENGINEER OF RECORD OR BY EMAIL TO ARCHITECT/ENGINEER OF RECORD.

- E. PROVIDE ADDITIONAL COPIES OF EACH WARRANTY TO INCLUDE IN OPERATION AND MAINTENANCE MANUALS.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. CLEANING AGENTS: USE CLEANING MATERIALS AND AGENTS RECOMMENDED BY MANUFACTURER OR FABRICATOR OF THE SURFACE TO BE CLEANED. DO NOT USE CLEANING AGENTS THAT ARE POTENTIALLY HAZARDOUS TO HEALTH OR PROPERTY OR THAT MIGHT DAMAGE FINISHED SURFACES.

PART 3 - EXECUTION

3.1 FINAL CLEANING

- A. GENERAL: PERFORM FINAL CLEANING. CONDUCT CLEANING AND WASTE-REMOVAL OPERATIONS TO COMPLY WITH LOCAL LAWS AND ORDINANCES AND FEDERAL AND LOCAL ENVIRONMENTAL AND ANTI-POLLUTION REGULATIONS.

- B. CLEANING: EMPLOY EXPERIENCED WORKERS OR PROFESSIONAL CLEANERS FOR FINAL CLEANING. CLEAN EACH SURFACE OR UNIT TO CONDITION EXPECTED IN AN AVERAGE COMMERCIAL BUILDING CLEANING AND MAINTENANCE PROGRAM. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

1. COMPLETE THE FOLLOWING CLEANING OPERATIONS BEFORE REQUESTING INSPECTION FOR CERTIFICATION OF SUBSTANTIAL COMPLETION FOR ENTIRE PROJECT OR FOR A DESIGNATED PORTION OF PROJECT:

- a. CLEAN PROJECT SITE, YARD, AND GROUNDS, IN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, INCLUDING LANDSCAPE DEVELOPMENT AREAS, OF RUBBISH, WASTE MATERIAL, LITTER, AND OTHER FOREIGN SUBSTANCES.

- b. SWEEP PAVED AREAS BROOM CLEAN. REMOVE PETROCHEMICAL SPILLS, STAINS, AND OTHER FOREIGN DEPOSITS.

- c. RAKE GROUNDS THAT ARE NOT PLANTED, MULCHED, OR PAVED TO A SMOOTH, EVEN-TEXTURED SURFACE.

- d. REMOVE TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, AND SURPLUS MATERIAL FROM PROJECT SITE.

- e. REMOVE SNOW AND ICE TO PROVIDE SAFE ACCESS TO BUILDING.

- f. CLEAN EXPOSED EXTERIOR AND INTERIOR HARD-SURFACED FINISHES TO A DIRT-FREE CONDITION, FREE OF STAINS, FILMS, AND SIMILAR FOREIGN SUBSTANCES. AVOID DISTURBING NATURAL WEATHERING OF EXTERIOR SURFACES. RESTORE REFLECTIVE SURFACES TO THEIR ORIGINAL CONDITION.

- g. REMOVE DEBRIS AND SURFACE DUST FROM LIMITED ACCESS SPACES, INCLUDING ROOFS, PLENUMS, SHAFTS, TRENCHES, EQUIPMENT VAULTS, MANHOLES, ATTICS, AND SIMILAR SPACES.

- h. SWEEP CONCRETE FLOORS BROOM CLEAN IN UNOCCUPIED SPACES.

- i. VACUUM CARPET AND SIMILAR SOFT SURFACES. REMOVING DEBRIS AND EXCESS NAP; CLEAN ACCORDING TO MANUFACTURER'S RECOMMENDATIONS IF VISIBLE SOIL OR STAINS REMAIN.

- j. CLEAN TRANSPARENT MATERIALS, INCLUDING MIRRORS AND GLASS IN DOORS AND WINDOWS. REMOVE GLAZING COMPOUNDS AND OTHER NOTICEABLE, VISION-OBSCURING MATERIALS. POLISH MIRRORS AND GLASS, TAKING CARE NOT TO SCRATCH SURFACES.

- k. REMOVE LABELS THAT ARE NOT PERMANENT.

- l. WIPE SURFACES OF MECHANICAL AND ELECTRICAL EQUIPMENT AND SIMILAR EQUIPMENT. REMOVE EXCESS LUBRICATION, PAINT AND MORTAR DROPPINGS, AND OTHER FOREIGN SUBSTANCES.

- m. CLEAN PLUMBING FIXTURES TO A SANITARY CONDITION, FREE OF STAINS, INCLUDING STAINS RESULTING FROM WATER EXPOSURE.

- n. REPLACE DISPOSABLE AIR FILTERS AND CLEAN PERMANENT AIR FILTERS. CLEAN EXPOSED SURFACES OF DIFFUSERS, REGISTERS, AND GRILLS.

- o. CLEAN DUCTS, BLOWERS, AND COILS IF UNITS WERE OPERATED WITHOUT FILTERS DURING CONSTRUCTION OR THAT DISPLAY CONTAMINATION WITH PARTICULATE MATTER ON INSPECTION.

- 1) CLEAN HVAC SYSTEM IN COMPLIANCE WITH NADCA ACR. PROVIDE WRITTEN REPORT ON COMPLETION OF CLEANING.

- p. CLEAN LIGHT FIXTURES, LAMPS, GLOBES, AND REFLECTORS TO FUNCTION WITH FULL EFFICIENCY.

- q. LEAVE PROJECT CLEAN AND READY FOR OCCUPANCY.

- C. CONSTRUCTION WASTE DISPOSAL: COMPLY WITH WASTE DISPOSAL REQUIREMENTS IN SECTION 017419 "CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL."

3.2 REPAIR OF THE WORK

- A. COMPLETE REPAIR AND RESTORATION OPERATIONS BEFORE REQUESTING INSPECTION FOR DETERMINATION OF SUBSTANTIAL COMPLETION.

- B. REPAIR, OR REMOVE AND REPLACE, DEFECTIVE CONSTRUCTION, REPAIRING INCLUDES REPLACING DEFECTIVE PARTS, REFINISHING DAMAGED SURFACES, TOUCHING UP WITH MATCHING MATERIALS, AND PROPERLY ADJUSTING OPERATING EQUIPMENT. WHERE DAMAGED OR WORN ITEMS CANNOT BE REPAIRED OR RESTORED, PROVIDE REPLACEMENTS. REMOVE AND REPLACE OPERATING COMPONENTS THAT CANNOT BE REPAIRED. RESTORE DAMAGED CONSTRUCTION AND PERMANENT FACILITIES USED DURING CONSTRUCTION TO SPECIFIED CONDITION.

1. REMOVE AND REPLACE CHIPPED, SCRATCHED, AND BROKEN GLASS, REFLECTIVE SURFACES, AND OTHER DAMAGED TRANSPARENT MATERIALS.

2. TOUCH UP AND OTHERWISE REPAIR AND RESTORE MARRED OR EXPOSED FINISHES AND SURFACES. REPLACE FINISHES AND SURFACES THAT THAT ALREADY SHOW EVIDENCE OF REPAIR OR RESTORATION.

- a. DO NOT PAINT OVER "UL" AND OTHER REQUIRED LABELS AND IDENTIFICATION, INCLUDING MECHANICAL AND ELECTRICAL NAMEPLATES. REMOVE PAINT APPLIED TO REQUIRED LABELS AND IDENTIFICATION.

3. REPLACE PARTS SUBJECT TO OPERATING CONDITIONS DURING CONSTRUCTION THAT MAY IMPEDE OPERATION OR REDUCE LONGEVITY.

4. REPLACE BURNED-OUT BULBS, BULBS NOTICEABLY DIMMED BY HOURS OF USE, AND DEFECTIVE AND NOISY STARTERS IN FLUORESCENT AND MERCURY VAPOR FIXTURES TO COMPLY WITH REQUIREMENTS FOR NEW FIXTURES.

SECTION 017823 - OPERATION AND MAINTENANCE DATA

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. DRAWINGS AND GENERAL PROVISIONS OF THE LA-Z-BOY CORPORATE CONTRACT AGREEMENT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND OTHER DIVISION 01 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.

1.2 SUMMARY

- A. SECTION INCLUDES ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS FOR PREPARING OPERATION AND MAINTENANCE MANUALS, INCLUDING THE FOLLOWING:

1. OPERATION AND MAINTENANCE DOCUMENTATION DIRECTORY MANUALS.

2. SYSTEMS AND EQUIPMENT OPERATION MANUALS.

3. SYSTEMS AND EQUIPMENT MAINTENANCE MANUALS.

4. PRODUCT MAINTENANCE MANUALS.

1.3 DEFINITIONS

- A. SYSTEM: AN ORGANIZED COLLECTION OF PARTS, EQUIPMENT, OR SUBSYSTEMS UNITED BY REGULAR INTERACTION.

- B. SUBSYSTEM: A PORTION OF A SYSTEM WITH CHARACTERISTICS SIMILAR TO A SYSTEM.

1.4 CLOSEOUT SUBMITTALS

- A. SUBMIT OPERATION AND MAINTENANCE MANUALS INDICATED. PROVIDE CONTENT FOR EACH MANUAL AS SPECIFIED IN INDIVIDUAL SPECIFICATION SECTIONS, AND AS REVIEWED AND APPROVED AT THE TIME OF SECTION SUBMITTALS. SUBMIT REVIEWED MANUAL CONTENT FORMATTED AND ORGANIZED AS REQUIRED BY THIS SECTION.

1. ARCHITECT/ENGINEER OF RECORD AND COMMISSIONING AUTHORITY (WHEN REQUIRED BY AUTHORITY HAVING JURISDICTION) WILL COMMENT ON WHETHER CONTENT OF OPERATION AND MAINTENANCE SUBMITTALS IS ACCEPTABLE.

2. WHERE APPLICABLE, CLARIFY AND UPDATE REVIEWED MANUAL CONTENT TO CORRESPOND TO REVISIONS AND FIELD CONDITIONS.

- B. FORMAT: SUBMIT OPERATION AND MAINTENANCE MANUALS IN THE FOLLOWING FORMAT:

1. SUBMIT ON DIGITAL MEDIA ACCEPTABLE TO ARCHITECT/ENGINEER OF RECORD OR BY EMAIL TO ARCHITECT/ENGINEER OF RECORD. ENABLE REVIEWER COMMENTS ON DRAFT SUBMITTALS.

- C. FINAL MANUAL SUBMITTAL: SUBMIT EACH MANUAL IN FINAL FORM PRIOR TO REQUESTING INSPECTION FOR SUBSTANTIAL COMPLETION AND AT LEAST 15 DAYS BEFORE COMMENCING DEMONSTRATION AND TRAINING. ARCHITECT/ENGINEER OF RECORD AND COMMISSIONING AUTHORITY (WHEN REQUIRED BY AUTHORITY HAVING JURISDICTION) WILL RETURN COPY WITH COMMENTS.

1. CORRECT OR REVISE EACH MANUAL TO COMPLY WITH ARCHITECT/ENGINEER OF RECORD AND COMMISSIONING AUTHORITY'S COMMENTS. SUBMIT COPIES OF EACH CORRECTED MANUAL WITHIN 15 DAYS OF RECEIPT OF ARCHITECT/ENGINEER OF RECORD AND COMMISSIONING AUTHORITY'S COMMENTS AND PRIOR TO COMMENCING DEMONSTRATION AND TRAINING.

- D. COMPLY WITH SECTION 017700 "CLOSEOUT PROCEDURES" FOR SCHEDULE FOR SUBMITTING OPERATION AND MAINTENANCE DOCUMENTATION.

1.5 FORMAT OF OPERATION AND MAINTENANCE MANUALS

- A. MANUALS, ELECTRONIC FILES: SUBMIT MANUALS IN THE FORM OF A MULTIPLE FILE COMPOSITE ELECTRONIC PDF FILE FOR EACH MANUAL TYPE REQUIRED.

1. ELECTRONIC FILES: USE ELECTRONIC FILES PREPARED BY MANUFACTURER WHERE AVAILABLE. WHERE SCANNING OF PAPER DOCUMENTS IS REQUIRED, CONFIGURE SCANNED FILE FOR MINIMUM READABLE FILE SIZE.

2. FILE NAMES AND BOOKMARKS: BOOKMARK INDIVIDUAL DOCUMENTS BASED ON FILE NAMES. NAME DOCUMENT FILES TO CORRESPOND TO SYSTEM, SUBSYSTEM, AND EQUIPMENT NAMES USED IN MANUAL DIRECTORY AND TABLE OF CONTENTS. GROUP DOCUMENTS FOR EACH SYSTEM AND SUBSYSTEM INTO INDIVIDUAL COMPOSITE BOOKMARKED FILES. THEN CREATE COMPOSITE MANUAL, SO THAT RESULTING BOOKMARKS REFLECT THE SYSTEM, SUBSYSTEM, AND EQUIPMENT NAMES IN A READILY NAVEGATED FILE TREE. CONFIGURE ELECTRONIC MANUAL TO DISPLAY BOOKMARK PANEL ON OPENING FILE.

1.6 REQUIREMENTS FOR EMERGENCY, OPERATION, AND MAINTENANCE MANUALS

- A. ORGANIZATION OF MANUALS: UNLESS OTHERWISE INDICATED, ORGANIZE EACH MANUAL INTO A SEPARATE SECTION FOR EACH SYSTEM AND SUBSYSTEM, AND A SEPARATE SECTION FOR EACH PIECE OF EQUIPMENT NOT PART OF A SYSTEM. EACH MANUAL SHALL CONTAIN THE FOLLOWING MATERIALS, IN THE ORDER LISTED:

1. TITLE PAGE.

2. TABLE OF CONTENTS.

3. MANUAL CONTENTS.

- B. TITLE PAGE: INCLUDE THE FOLLOWING INFORMATION:

1. SUBJECT MATTER INCLUDED IN MANUAL.

2. NAME AND ADDRESS OF PROJECT.

3. NAME AND ADDRESS OF OWNER.

4. DATE OF SUBMITTAL.

5. NAME AND CONTACT INFORMATION FOR CONTRACTOR.

6. NAME AND CONTACT INFORMATION FOR CONSTRUCTION MANAGER.

7. NAME AND CONTACT INFORMATION FOR ARCHITECT.

8. NAME AND CONTACT INFORMATION FOR COMMISSIONING AUTHORITY.

9. NAMES AND CONTACT INFORMATION FOR MAJOR CONSULTANTS TO THE ARCHITECT THAT DESIGNED THE SYSTEMS CONTAINED IN THE MANUALS.

10. CROSS-REFERENCE TO RELATED SYSTEMS IN OTHER OPERATION AND MAINTENANCE MANUALS.

- C. TABLE OF CONTENTS: LIST EACH PRODUCT INCLUDED IN MANUAL, IDENTIFIED BY PRODUCT NAME, INDEXED TO THE CONTENT OF THE VOLUME, AND CROSS-REFERENCED TO SPECIFICATION SECTION NUMBER IN PROJECT MANUAL.

1. IF OPERATION OR MAINTENANCE DOCUMENTATION REQUIRES MORE THAN ONE VOLUME TO ACCOMMODATE DATA, INCLUDE COMPREHENSIVE TABLE OF CONTENTS FOR ALL VOLUMES IN EACH VOLUME OF THE SET.

- D. MANUAL CONTENTS: ORGANIZE INTO SETS OF MANAGEABLE SIZE. ARRANGE CONTENTS ALPHABETICALLY BY SYSTEM, SUBSYSTEM, AND EQUIPMENT. IF POSSIBLE, ASSEMBLE INSTRUCTIONS FOR SUBSYSTEMS, EQUIPMENT, AND COMPONENTS OF ONE SYSTEM INTO A SINGLE BINDER.

- E. IDENTIFICATION: IN THE DOCUMENTATION DIRECTORY AND IN EACH OPERATION AND MAINTENANCE MANUAL, IDENTIFY EACH SYSTEM, SUBSYSTEM, AND PIECE OF EQUIPMENT WITH SAME DESIGNATION USED IN THE CONTRACT DOCUMENTS. IF NO DESIGNATION EXISTS, ASSIGN A DESIGNATION ACCORDING TO ASHRAE GUIDELINE 4, "PREPARATION OF OPERATING AND MAINTENANCE DOCUMENTATION FOR BUILDING SYSTEMS."

1.7 SYSTEMS AND EQUIPMENT OPERATION MANUALS

- A. SYSTEMS AND EQUIPMENT OPERATION MANUAL: ASSEMBLE A COMPLETE SET OF DATA INDICATING OPERATION OF EACH SYSTEM, SUBSYSTEM, AND PIECE OF EQUIPMENT NOT PART OF A SYSTEM. INCLUDE INFORMATION REQUIRED FOR DAILY OPERATION AND MANAGEMENT, OPERATING STANDARDS, AND ROUTINE AND SPECIAL OPERATING PROCEDURES.

1. ENGAGE A FACTORY-AUTHORIZED SERVICE REPRESENTATIVE TO ASSEMBLE AND PREPARE INFORMATION FOR EACH SYSTEM, SUBSYSTEM, AND PIECE OF EQUIPMENT NOT PART OF A SYSTEM.

2. PREPARE A SEPARATE MANUAL FOR EACH SYSTEM AND SUBSYSTEM, IN THE FORM OF AN INSTRUCTIONAL MANUAL FOR USE BY OWNER'S OPERATING PERSONNEL.

- B. CONTENT: IN ADDITION TO REQUIREMENTS IN THIS SECTION, INCLUDE OPERATION DATA REQUIRED IN INDIVIDUAL SPECIFICATION SECTIONS AND THE FOLLOWING INFORMATION:

1. SYSTEM, SUBSYSTEM, AND EQUIPMENT DESCRIPTIONS. USE DESIGNATIONS FOR SYSTEMS AND EQUIPMENT INDICATED ON CONTRACT DOCUMENTS.

2. PERFORMANCE AND DESIGN CRITERIA IF CONTRACTOR HAS DELEGATED DESIGN RESPONSIBILITY.

3. OPERATING STANDARDS.

4. OPERATING PROCEDURES.

5. OPERATING LOGS.

6. WIRING DIAGRAMS.

7. CONTROL DIAGRAMS.

8. PIPED SYSTEM DIAGRAMS.

9. PRECAUTIONS AGAINST IMPROPER USE.

10. LICENSE REQUIREMENTS INCLUDING INSPECTION AND RENEWAL DATES.

- C. DESCRIPTIONS: INCLUDE THE FOLLOWING:

1. PRODUCT NAME AND MODEL NUMBER. USE DESIGNATIONS FOR PRODUCTS INDICATED ON CONTRACT DOCUMENTS.

2. MANUFACTURER'S NAME.

3. EQUIPMENT IDENTIFICATION WITH SERIAL NUMBER OF EACH COMPONENT.

4. EQUIPMENT FUNCTION.

5. OPERATING CHARACTERISTICS.

6. LIMITING CONDITIONS.

7. PERFORMANCE CURVES.

8. ENGINEERING DATA AND TESTS.

9. COMPLETE NOMENCLATURE AND NUMBER OF REPLACEMENT PARTS.

- D. OPERATING PROCEDURES: INCLUDE THE FOLLOWING, AS APPLICABLE:

1. STARTUP PROCEDURES.

2. EQUIPMENT OR SYSTEM BREAK-IN PROCEDURES.

3. ROUTINE AND NORMAL OPERATING INSTRUCTIONS.

4. REGULATION AND CONTROL PROCEDURES.

5. INSTRUCTIONS ON STOPPING.

6. NORMAL SHUTDOWN INSTRUCTIONS.

7. SEASONAL AND WEEKEND OPERATING INSTRUCTIONS.

8. REQUIRED SEQUENCES FOR ELECTRIC OR ELECTRONIC SYSTEMS.

9. SPECIAL OPERATING INSTRUCTIONS AND PROCEDURES.

- E. SYSTEMS AND EQUIPMENT CONTROLS: DESCRIBE THE SEQUENCE OF OPERATION, AND DIAGRAM CONTROLS AS INSTALLED.

- F. PIPED SYSTEMS: DIAGRAM PIPING AS INSTALLED, AND IDENTIFY COLOR CODING WHERE REQUIRED FOR IDENTIFICATION.

1.8 SYSTEMS AND EQUIPMENT MAINTENANCE MANUALS

- A. SYSTEMS AND EQUIPMENT MAINTENANCE MANUALS: ASSEMBLE A COMPLETE SET OF DATA INDICATING MAINTENANCE OF EACH SYSTEM, SUBSYSTEM, AND PIECE OF EQUIPMENT NOT PART OF A SYSTEM. INCLUDE MANUFACTURERS' MAINTENANCE DOCUMENTATION, PREVENTIVE MAINTENANCE PROCEDURES AND FREQUENCY, REPAIR PROCEDURES, WIRING AND SYSTEMS DIAGRAMS, LISTS OF SPARE PARTS, AND WARRANTY INFORMATION.

1. ENGAGE A FACTORY-AUTHORIZED SERVICE REPRESENTATIVE TO ASSEMBLE AND PREPARE INFORMATION FOR EACH SYSTEM, SUBSYSTEM, AND PIECE OF EQUIPMENT NOT PART OF A SYSTEM.

2. PREPARE A SEPARATE MANUAL FOR EACH SYSTEM AND SUBSYSTEM, IN THE FORM OF AN INSTRUCTIONAL MANUAL FOR USE BY OWNER'S OPERATING PERSONNEL.

- B. CONTENT: FOR EACH SYSTEM, SUBSYSTEM, AND PIECE OF EQUIPMENT NOT PART OF A SYSTEM, INCLUDE SOURCE INFORMATION, MANUFACTURERS' MAINTENANCE DOCUMENTATION, MAINTENANCE PROCEDURES, MAINTENANCE AND SERVICE SCHEDULES, SPARE PARTS LIST AND SOURCE INFORMATION, MAINTENANCE SERVICE CONTRACTS, AND WARRANTIES AND BONDS AS DESCRIBED BELOW.

- C. SOURCE INFORMATION: LIST EACH SYSTEM, SUBSYSTEM, AND PIECE OF EQUIPMENT INCLUDED IN MANUAL, IDENTIFIED BY PRODUCT NAME AND ARRANGED TO MATCH MANUAL'S TABLE OF CONTENTS. FOR EACH PRODUCT, LIST NAME, ADDRESS, AND TELEPHONE NUMBER OF INSTALLER OR SUPPLIER AND MAINTENANCE SERVICE AGENT, AND CROSS-REFERENCE SPECIFICATION SECTION NUMBER AND TITLE IN PROJECT MANUAL AND DRAWING OR SCHEDULE DESIGNATION OR IDENTIFIER WHERE APPLICABLE.

- D. MANUFACTURERS' MAINTENANCE DOCUMENTATION: INCLUDE THE FOLLOWING INFORMATION FOR EACH COMPONENT PART OR PIECE OF EQUIPMENT:

1. STANDARD MAINTENANCE INSTRUCTIONS AND BULLETINS; INCLUDE ONLY SHEETS PERTINENT TO PRODUCT OR COMPONENT INSTALLED. MARK EACH SHEET TO IDENTIFY EACH PRODUCT OR COMPONENT INCORPORATED INTO THE WORK. IF DATA INCLUDE MORE THAN ONE ITEM IN A TABULAR FORMAT,

- IDENTIFY EACH ITEM USING APPROPRIATE REFERENCES FROM THE CONTRACT DOCUMENTS. IDENTIFY DATA APPLICABLE TO THE WORK AND DELETE REFERENCES TO INFORMATION NOT APPLICABLE.

- a. PREPARE SUPPLEMENTARY TEXT IF MANUFACTURERS' STANDARD PRINTED DATA ARE NOT AVAILABLE AND WHERE THE INFORMATION IS NECESSARY FOR PROPER OPERATION AND MAINTENANCE OF EQUIPMENT OR SYSTEMS.

2. DRAWINGS, DIAGRAMS, AND INSTRUCTIONS REQUIRED FOR MAINTENANCE, INCLUDING DISASSEMBLY AND COMPONENT REMOVAL, REPLACEMENT, AND ASSEMBLY.

3. IDENTIFICATION AND NOMENCLATURE OF PARTS AND COMPONENTS.

4. LIST OF ITEMS RECOMMENDED TO BE STOCKED AS SPARE PARTS.

- E. MAINTENANCE PROCEDURES: INCLUDE THE FOLLOWING INFORMATION AND ITEMS THAT DETAIL ESSENTIAL MAINTENANCE PROCEDURES:

1. TEST AND INSPECTION INSTRUCTIONS.

2. TROUBLESHOOTING GUIDE.

3. PRECAUTIONS AGAINST IMPROPER MAINTENANCE.

4. DISASSEMBLY; COMPONENT REMOVAL, REPAIR, AND REPLACEMENT; AND REASSEMBLY INSTRUCTIONS.

5. ALIGNING, ADJUSTING, AND CHECKING INSTRUCTIONS.

6. DEMONSTRATION AND TRAINING VIDEO RECORDING, IF AVAILABLE.

- F. MAINTENANCE AND SERVICE SCHEDULES: INCLUDE SERVICE AND LUBRICATION REQUIREMENTS, LIST OF REQUIRED LUBRICANTS FOR EQUIPMENT, AND SEPARATE SCHEDULES FOR PREVENTIVE AND ROUTINE MAINTENANCE AND SERVICE WITH STANDARD TIME ALLOTMENT.

1. SCHEDULED MAINTENANCE AND SERVICE: TABULATE ACTIONS FOR DAILY, WEEKLY, MONTHLY, QUARTERLY, SEMIANNUAL, AND ANNUAL FREQUENCIES.

2. MAINTENANCE AND SERVICE RECORD: INCLUDE MANUFACTURERS' FORMS FOR RECORDING MAINTENANCE.

- G. SPARE PARTS LIST AND SOURCE INFORMATION: INCLUDE LISTS OF REPLACEMENT AND REPAIR PARTS, WITH PARTS IDENTIFIED AND CROSS-REFERENCED TO MANUFACTURERS' MAINTENANCE DOCUMENTATION AND LOCAL SOURCES OF MAINTENANCE MATERIALS AND RELATED SERVICES.

- H. MAINTENANCE SERVICE CONTRACTS: INCLUDE COPIES OF MAINTENANCE AGREEMENTS WITH NAME AND TELEPHONE NUMBER OF SERVICE AGENT.

- I. WARRANTIES AND BONDS: INCLUDE COPIES OF WARRANTIES AND BONDS AND LISTS OF CIRCUMSTANCES AND CONDITIONS THAT WOULD AFFECT VALIDITY OF WARRANTIES OR BONDS.

1. INCLUDE PROCEDURES TO FOLLOW AND REQUIRED NOTIFICATIONS FOR WARRANTY CLAIMS.

- J. DRAWINGS: PREPARE DRAWINGS SUPPLEMENTING MANUFACTURERS' PRINTED DATA TO ILLUSTRATE THE RELATIONSHIP OF COMPONENT PARTS OF EQUIPMENT AND SYSTEMS AND TO ILLUSTRATE CONTROL SEQUENCE AND FLOW DIAGRAMS. COORDINATE THESE DRAWINGS WITH INFORMATION CONTAINED IN RECORD DRAWINGS TO ENSURE CORRECT ILLUSTRATION OF COMPLETED INSTALLATION.

1. DO NOT USE ORIGINAL PROJECT RECORD DOCUMENTS AS PART OF MAINTENANCE MANUALS.

1.9 PRODUCT MAINTENANCE MANUALS

- A. PRODUCT MAINTENANCE MANUAL: ASSEMBLE A COMPLETE SET OF MAINTENANCE DATA INDICATING CARE AND MAINTENANCE OF EACH PRODUCT, MATERIAL, AND FINISH INCORPORATED INTO THE WORK.

- B. CONTENT: ORGANIZE MANUAL INTO A SEPARATE SECTION FOR EACH PRODUCT, MATERIAL, AND FINISH. INCLUDE SOURCE INFORMATION, PRODUCT INFORMATION, MAINTENANCE PROCEDURES, REPAIR MATERIALS AND SOURCES, AND WARRANTIES AND BONDS, AS DESCRIBED BELOW.

- C. SOURCE INFORMATION: LIST EACH PRODUCT INCLUDED IN MANUAL, IDENTIFIED BY PRODUCT NAME AND ARRANGED TO MATCH MANUAL'S TABLE OF CONTENTS. FOR EACH PRODUCT, LIST NAME, ADDRESS, AND TELEPHONE NUMBER OF INSTALLER OR SUPPLIER AND MAINTENANCE SERVICE AGENT, AND CROSS-REFERENCE SPECIFICATION SECTION NUMBER AND TITLE IN PROJECT MANUAL AND DRAWING OR SCHEDULE DESIGNATION OR IDENTIFIER WHERE APPLICABLE.

- D. PRODUCT INFORMATION: INCLUDE THE FOLLOWING, AS APPLICABLE:

1. PRODUCT NAME AND MODEL NUMBER.

2. MANUFACTURER'S NAME.

3. COLOR, PATTERN, AND TEXTURE.

4. MATERIAL AND CHEMICAL COMPOSITION.

5. REORDERING INFORMATION FOR SPECIALLY MANUFACTURED PRODUCTS.

- E. MAINTENANCE PROCEDURES: INCLUDE MANUFACTURER'S WRITTEN RECOMMENDATIONS AND THE FOLLOWING:

1. INSPECTION PROCEDURES.

2. TYPES OF CLEANING AGENTS TO BE USED AND METHODS OF CLEANING.

3. LIST OF CLEANING AGENTS AND METHODS OF CLEANING DETRIMENTAL TO PRODUCT.

4. SCHEDULE FOR ROUTINE CLEANING AND MAINTENANCE.

5. REPAIR INSTRUCTIONS.

- F. REPAIR MATERIALS AND SOURCES: INCLUDE LISTS OF MATERIALS AND LOCAL SOURCES OF MATERIALS AND RELATED SERVICES.

- G. WARRANTIES AND BONDS: INCLUDE COPIES OF WARRANTIES AND BONDS AND LISTS OF CIRCUMSTANCES AND CONDITIONS THAT WOULD AFFECT VALIDITY OF WARRANTIES OR BONDS.

1. INCLUDE PROCEDURES TO FOLLOW AND REQUIRED NOTIFICATIONS FOR WARRANTY CLAIMS.

SECTION 017839 - PROJECT RECORD DOCUMENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND OTHER DIVISION 01 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.

1.2 SUMMARY

- A. SECTION INCLUDES ADMINISTRATIVE AND PROCEDURAL REQUIREMENTS FOR PROJECT RECORD DOCUMENTS, INCLUDING THE FOLLOWING:

1. RECORD DRAWINGS.

2. RECORD SPECIFICATIONS.

3. RECORD PRODUCT DATA.

4. MISCELLANEOUS RECORD SUBMITTALS.

B. RELATED REQUIREMENTS:

1. SECTION 017300 "EXECUTION" FOR FINAL PROPERTY SURVEY.

2. SECTION 017700 "CLOSEOUT PROCEDURES" FOR GENERAL CLOSEOUT PROCEDURES.

3. SECTION 017823 "OPERATION AND MAINTENANCE DATA" FOR OPERATION AND MAINTENANCE MANUAL REQUIREMENTS.

1.3 RECORD DRAWINGS

- A. RETAIN "RECORD DIGITAL DATA FILES" PARAGRAPH BELOW FOR MOST PROJECTS; SMALL, SIMPLE PROJECTS MAY NOT REQUIRE DIGITAL FILES.

- B. RECORD DIGITAL DATA FILES: IMMEDIATELY BEFORE INSPECTION FOR CERTIFICATE OF SUBSTANTIAL COMPLETION, REVIEW MARKED-UP RECORD PRINTS WITH ARCHITECT/ENGINEER OF RECORD. WHEN AUTHORIZED, PREPARE A FULL SET OF CORRECTED DIGITAL DATA FILES OF THE CONTRACT DRAWINGS, AS FOLLOWS:

1. FORMAT: ANNOTATED PDF ELECTRONIC FILE WITH COMMENT FUNCTION ENABLED.

2. INCORPORATE CHANGES AND ADDITIONAL INFORMATION PREVIOUSLY MARKED ON RECORD PRINTS. DELETE, REDRAW, AND ADD DETAILS AND NOTATIONS WHERE APPLICABLE.

3. REFER INSTANCES OF UNCERTAINTY TO ARCHITECT/ENGINEER OF RECORD FOR RESOLUTION.

4. ARCHITECT WILL FURNISH CONTRACTOR WITH ONE SET OF DIGITAL DATA FILES (ANNOTATED PDF) OF THE CONTRACT DRAWINGS FOR USE IN RECORDING INFORMATION.

- C. FORMAT: IDENTIFY AND DATE EACH RECORD DRAWING; INCLUDE THE DESIGNATION "PROJECT RECORD DRAWING" IN A PROMINENT LOCATION.

1. FORMAT: ANNOTATED PDF ELECTRONIC FILE WITH COMMENT FUNCTION ENABLED.

2. RECORD DIGITAL DATA FILES: ORGANIZE DIGITAL DATA INFORMATION INTO SEPARATE ELECTRONIC FILES THAT CORRESPOND TO EACH SHEET OF THE CONTRACT DRAWINGS. NAME EACH FILE WITH THE SHEET IDENTIFICATION. INCLUDE IDENTIFICATION IN EACH DIGITAL DATA FILE.

3. IDENTIFICATION: AS FOLLOWS:

- a. PROJECT NAME.

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SECTION 042200 - CONCRETE UNIT MASONRY

- 1.1 MATERIALS
- A. TIES AND ANCHORS: GALVANIZED STEEL.
1. ADJUSTABLE ANCHORS FOR CONNECTING TO STRUCTURAL STEEL FRAMING.
2. ADJUSTABLE ANCHORS FOR CONNECTING TO CONCRETE.
3. RIGID ANCHORS.
- B. EMBEDDED FLASHING:
1. EXPOSED AND PARTIALLY EXPOSED FLASHING: AS INDICATED
2. CONCEALED (FLEXIBLE) FLASHING: THERMOPLASTIC, EPDM OR AS INDICATED.
- C. USED WITH STAINLESS-STEEL, DRIP EDGE.
1. SINGLE-WYTHE CMU FLASHING SYSTEM: POLYETHYLENE FLASHING PANS AND INTERLOCKING WEB COVERS.
- D. REINFORCING BAR POSITIONERS.
- 1.5 MASONRY WASTE DISPOSAL
- A. CLEAN MASONRY WASTE RECYCLED AS FILL MATERIAL.

SECTION 055000 - METAL FABRICATIONS

- 1.1 PRODUCTS
- A. MATERIALS: STEEL PLATES, SHAPES, AND BARS, STEEL TUBING, STEEL PIPE AND SLOTTED CHANNEL FRAMING.
- B. MISCELLANEOUS FRAMING AND SUPPORTS: GALVANIZED WHERE INDICATED.
1. STEEL FRAMING AND SUPPORTS FOR OVERHEAD DOORS, COUNTERTOPS, MECHANICAL AND ELECTRICAL EQUIPMENT, AND APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
- C. METAL LADDERS:
1. LADDERS PRIMED WITH ZINC-RICH PRIMER.
- D. STRUCTURAL STEEL DOOR FRAMES:
1. EXTERIOR FRAMES GALVANIZED.
- E. METAL BOLLARDS: SCHEDULE 40 STEEL PIPE OR STEEL SHAPES, AS INDICATED.
1. PRIMED WITH ZINC-RICH PRIMER.
- F. DOWNSPOUT GUARDS.
1. GALVANIZED.
- G. METAL DOWNSPOUT BOOTS: ALUMINUM.
- H. LOOSE BEARING AND LEVELING PLATES, GALVANIZED.
- I. LOOSE STEEL LINTELS, GALVANIZED AT EXTERIOR WALLS.

SECTION 061000 - ROUGH CARPENTRY

- 1.1 MATERIALS
- A. WOOD PRODUCTS, GENERAL:
1. ROUGH CARPENTRY MATERIALS FSC-CERTIFIED.
- a. DIMENSION LUMBER FRAMING.
- b. MISCELLANEOUS LUMBER.
2. MAXIMUM MOISTURE CONTENT OF LUMBER: 15 PERCENT FOR 2-INCH NOMINAL (38-MM ACTUAL) THICKNESS OR LESS.
- B. FIRE-RETARDANT-TREATED MATERIALS
1. EXTERIOR TYPE BLOCKING FOR EXTERIOR ROOF LOCATIONS AND WHERE INDICATED.
2. APPLICATION: ITEMS INDICATED AND AS FOLLOWS:
- a. CONCEALED BLOCKING.
- b. PLYWOOD BACKING PANELS.
- 1.2 BLOCKING, NAILERS, AND SUPPORTS
- A. PROVIDE FRAMING AND BLOCKING MEMBERS AS INDICATED OR AS REQUIRED TO SUPPORT FINISHES, FIXTURES, SPECIALTY ITEMS, AND TRIM.
- B. IN METAL STUD WALLS, PROVIDE CONTINUOUS BLOCKING AROUND DOOR AND WINDOW OPENINGS FOR ANCHORAGE OF FRAMES, SECURELY ATTACHED TO STUD FRAMING.
- C. IN WALLS, PROVIDE BLOCKING ATTACHED TO STUDS AS BACKING AND SUPPORT FOR WALL-MOUNTED ITEMS, UNLESS ITEM CAN BE SECURELY FASTENED TO TWO OR MORE STUDS OR OTHER METHOD OF SUPPORT IS EXPLICITLY INDICATED.
- D. PROVIDE THE FOLLOWING SPECIFIC NONSTRUCTURAL FRAMING AND BLOCKING:
1. CABINETS AND SHELF SUPPORTS.
2. WALL BRACKETS.
3. HANDRAILS.
4. GRAB BARS.
5. TOWEL AND BATH ACCESSORIES.

SECTION 064023 - INTERIOR ARCHITECTURAL WOODWORK
(BREAK ROOM ONLY)

- 1.1 SUMMARY
- A. PLASTIC-LAMINATE CABINETS.
- B. PLASTIC-LAMINATE COUNTERTOPS.
- 1.2 QUALITY ASSURANCE
- A. QUALITY STANDARD: AWWI QUALITY CERTIFICATION PROGRAM, INCLUDING INSTALLATION.
- 1.3 MATERIALS
- A. CABINET HARDWARE:
1. HINGES: BUTT, SEMI-CONCEALED.
2. PULLS: WIRE.
3. EXPOSED HARDWARE FINISHES: SATIN CHROMIUM PLATED.
- B. PLASTIC-LAMINATE CABINETS:
1. GRADE: CUSTOM.
2. AWWI TYPE OF CABINET CONSTRUCTION: FLUSH OVERLAY.
3. WIC DOOR AND DRAWER FRONT STYLE: FLUSH OVERLAY.
4. CABINET INTERIOR: PLASTIC LAMINATE.
- C. PLASTIC-LAMINATE COUNTERTOPS:
1. GRADE: CUSTOM.
2. EDGE TREATMENT: SELF-EDGED OR AS INDICATED.

SECTION 071113 - BITUMINOUS DAMP-PROOFING

- 1.1 SUMMARY
- A. COLD-APPLIED, CUT-BACK ASPHALT DAMP-PROOFING APPLIED TO THE FOLLOWING SURFACES:
1. EXTERIOR, BELOW-GRADE SURFACES OF CONCRETE AND MASONRY FOUNDATION WALLS.
- 1.2 MATERIALS
- A. PROTECTION COURSE: POLYSTYRENE.
- 1.3 INSTALLATION
- A. COLD-APPLIED, CUT-BACK ASPHALT DAMP-PROOFING:
1. CONCRETE FOUNDATIONS AND PARGED MASONRY FOUNDATION WALLS: TWO BRUSH OR SPRAY COATS OR ONE TROWEL COAT.
2. UNPARGED MASONRY FOUNDATION WALLS: PRIMER AND TWO BRUSH OR SPRAY COATS OR PRIMER AND ONE TROWEL COAT.

SECTION 072100 - THERMAL INSULATION

- 1.1 MATERIALS
- A. INSULATION:
1. EXTRUDED-POLYSTYRENE BOARD: TYPE IV, 25 PSI (173 KPA).
2. MOLDED-POLYSTYRENE BOARD: TYPE VIII, 20 PSI (138 KPA), EXCLUDING EIFS SYSTEM.
3. FOIL-FACED, POLYISOCYANURATE BOARD: TYPE I, CLASS 1.
4. UN-FACED GLASS-FIBER BLANKET: TYPE I.
5. KRAFT-FACED, GLASS-FIBER BLANKET: TYPE II, CLASS C; CATEGORY 1.
6. FOIL-FACED, GLASS-FIBER BLANKET: TYPE III, CLASS B; CATEGORY 1.
7. UN-FACED, MINERAL-WOOL BLANKET: TYPE I.
8. CLOSED-CELL SPRAY POLYURETHANE FOAM: TYPE II, MINIMUM DENSITY OF 1.5 LB/CU. FT. (24 KG/CU. M).
- B. VAPOR RETARDERS: POLYETHYLENE OR REINFORCED POLYETHYLENE.
- C. AUXILIARY INSULATING MATERIALS:
1. INSULATION FASTENERS.

SECTION 072419 - WATER-DRAINAGE EXTERIOR INSULATION & FINISH SYSTEM (EIFS)

- 1.1 SUMMARY
- A. WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) APPLIED OVER WATER-RESISTIVE COATING OVER SHEATHING.
- 1.2 QUALITY ASSURANCE
- A. FIRE-RESISTANCE CHARACTERISTICS: TESTED PER ASTM E 119.
- B. MOCKUPS FOR EACH FORM OF CONSTRUCTION AND FINISH.
- 1.3 MATERIALS
- A. WATER-RESISTIVE COATINGS: EIFS MANUFACTURER'S STANDARD FORMULATION AND ACCESSORIES COMPLYING WITH PHYSICAL AND PERFORMANCE CRITERIA OF LOCAL CODE.
- B. FLEXIBLE-MEMBRANE FLASHING: FLUID APPLIED WITH REINFORCING MESH SCrim OR COLD-APPLIED, FULLY SELF-ADHERING, SELF-HEALING, RUBBERIZED-ASPHALT.
- C. BOARD INSULATION: MOLDED RIGID CELLULAR POLYSTYRENE. MINIMUM 2" THICKNESS.
- D. REINFORCING MESH: HIGH IMPACT MESH ASSEMBLY TO 7'-0" A.F.F. AROUND ENTIRE PERIMETER; STANDARD IMPACT ASSEMBLY ABOVE 7'-0".
- E. BASE-COAT AND ADHESIVE MATERIALS: JOB-MIXED PORTLAND CEMENT AND POLYMER-EMULSION OR FACTORY-BLENDED POLYMER-EMULSION AND PORTLAND CEMENT DRY MIX TO WHICH ONLY WATER IS ADDED.
- F. FINISH-COAT MATERIALS: STANDARD ACRYLIC-BASED COATING WITH STATROTONE COLORANT AS SPECIFIED IN FINISH SCHEDULE.
- G. TRIM ACCESSORIES: PVC.
1. TYPE: WEEP SCORED TRACK, IF APPLICABLE.
2. ELASTOMERIC SEALANTS: MULTI-COMPONENT, NON-SAG URETHANE OR SILICONE
- 1.4 INSTALLATION
- A. INSULATION: IN ACCORDANCE WITH EIFS MANUFACTURERS CURRENT APPLICATION INSTRUCTIONS.
- B. EXPANSION JOINTS:
1. WHERE REQUIRED BY EIFS MANUFACTURER, OR
2. WHERE EXPANSION JOINTS ARE IN SUBSTRATES BEHIND EIFS, OR
3. WHERE EIFS ADJOIN DISSIMILAR SUBSTRATES, MATERIALS, AND CONSTRUCTION.
4. WHERE WALL HEIGHT CHANGES, OR
5. AT MAXIMUM 75'-0" INTERVAL; COORDINATE WITH V-GROOVE LAYOUT.
- C. DOUBLE-LAYER REINFORCING MESH APPLICATION: WHERE INDICATED.
- D. FINISH COAT: APPLIED OVER BASE COAT.
- 1.5 FIELD QUALITY CONTROL
- A. SPECIAL INSPECTIONS: AS REQUIRED BY LOCAL JURISDICTION PROVIDED BY CONTRACTOR-ENGAGED AGENCY.
- 1.6 PRODUCTS
- A. DRVITV OUTSULATION PLUS MD SYSTEM.
- B. APPROVED EQUALS SUBJECT TO APPROVAL BY LZB.
- C. DRVITV NATIONAL VENDOR ACCOUNT CONTACT INFORMATION
1. WES PRICE
- TERRITORY MANAGER, OFFSITE SOLUTIONS
- TREMCO COMMERCIAL SEALANTS & WATERPROOFING
- MOBILE PHONE: 443-546-7564
- WPRICE@TREMCOINC.COM

SECTION 07 25 00 - WEATHER BARRIERS

- 1.01 SECTION INCLUDES
- A. WATER-RESISTIVE BARRIERS.
- 1.02 RELATED REQUIREMENTS
- A. SECTION 07 24 00 - EXTERIOR INSULATION AND FINISH SYSTEMS: WATER-RESISTIVE BARRIER UNDER EXTERIOR INSULATION.
- 1.03 DEFINITIONS
- A. WEATHER BARRIERS: ASSEMBLIES THAT FORM EITHER WATER-RESISTIVE BARRIERS, AIR BARRIERS, OR VAPOR RETARDERS.
- B. WATER-RESISTIVE BARRIER: A MATERIAL BEHIND AN EXTERIOR WALL COVERING THAT IS INTENDED TO RESIST LIQUID WATER THAT HAS PENETRATED BEHIND THE EXTERIOR COVERING FROM FURTHER INTRUDING INTO THE EXTERIOR WALL ASSEMBLY.
- 1.04 REFERENCE STANDARDS
- A. ASTM D226/D226M - STANDARD SPECIFICATION FOR ASPHALT-SATURATED ORGANIC FELT USED IN ROOFING AND WATERPROOFING 2017 (REAPPROVED 2023)
- B. ICC-ES AC212 - ACCEPTANCE CRITERIA FOR WATER-RESISTIVE COATINGS USED AS WATER-RESISTIVE BARRIERS OVER EXTERIOR SHEATHING 2015, WITH EDITORIAL REVISION (2020).
- 1.05 SUBMITTALS
- A. PRODUCT DATA: PROVIDE DATA ON MATERIAL CHARACTERISTICS.
- B. SHOP DRAWINGS: PROVIDE DRAWINGS OF SPECIAL JOINT CONDITIONS.
- C. MANUFACTURER'S INSTALLATION INSTRUCTIONS: INDICATE PREPARATION, INSTALLATION METHODS, AND STORAGE AND HANDLING CRITERIA.
- 1.06 MOCK-UPS
- A. CONSTRUCT WEATHER BARRIER MOCK-UP, 8 FEET LONG BY 10 FEET WIDE, INDICATING TYPICAL INSTALLATION PROCEDURES.
- B. MOCK-UP MAY REMAIN AS PART OF WORK.

2.01 WATER-RESISTIVE BARRIER MATERIALS

- A. WATER-RESISTIVE BARRIER COATING: FLUID-APPLIED AIR AND WATER-RESISTIVE COATING FOR VARIOUS EXTERIOR SUBSTRATES : VAPOR PERMEABLE
1. DRY FILM THICKNESS (DFT): 17 MILS, 0.017 INCH, MINIMUM.
2. AIR PERMEANCE, BUILDING ASSEMBLY AIR LEAKAGE RATE: NOT GREATER THAN 0.04 CFM/SQ FT WHEN TESTED AT 1.57 PSF IN ACCORDANCE WITH ASTM E2357.
3. AIR PERMEANCE, BUILDING MATERIAL AIR LEAKAGE RATE: 0.004 CFM/SQ FT MAXIMUM LEAKAGE WHEN TESTED AT 1.57 PSF PRESSURE DIFFERENCE IN ACCORDANCE WITH ASTM E2178.
4. WATER-RESISTIVE BARRIER OVER SHEATHING COMPLIANCE: COMPLYING WITH ICC-ES AC212.
5. WATER VAPOR PERMEANCE: TESTED IN ACCORDANCE WITH ASTM E96/E96M.
- A. PROCEDURE A: GREATER THAN 5 PERMS.
- B. PROCEDURE B: GREATER THAN 14 PERMS.
6. ULTRAVIOLET (UV) AND WEATHERING RESISTANCE: APPROVED BY MANUFACTURER FOR UP TO 180 DAYS OF WEATHER EXPOSURE.
7. SYSTEM ACCESSORY PRODUCTS: AS RECOMMENDED BY COATING MANUFACTURER.
8. PRODUCTS:
- a. BasoStop NTX by Tremco .
- 2.02 ACCESSORIES
- A. SEALANTS, TAPES, AND ACCESSORIES USED FOR SEALING WATER-RESISTIVE BARRIER AND ADJACENT SUBSTRATES: AS INDICATED OR COMPLYING WITH WATER-RESISTIVE BARRIER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 3.02 PREPARATION
- A. REMOVE PROJECTIONS, PROTRUDING FASTENERS, AND LOOSE OR FOREIGN MATTER THAT MIGHT INTERFERE WITH PROPER INSTALLATION.
- B. CLEAN AND PRIME SUBSTRATE SURFACES TO RECEIVE ADHESIVES AND SEALANTS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 3.03 INSTALLATION
- A. COATINGS:
1. PREPARE SUBSTRATE IN ACCORDANCE WITH COATING MANUFACTURER'S INSTALLATION INSTRUCTIONS; TREAT JOINTS IN SUBSTRATE AND BETWEEN DISSIMILAR MATERIALS AS INDICATED.
2. APPLY BEAD OR TROWEL COAT OF MASTIC SEALANT WITH MINIMUM THICKNESS OF 1/4 INCH ALONG COATING SEAMS, ROUGH CUTS, AND AS RECOMMENDED BY MANUFACTURER.
3. APPLY FLASHING TO SEAL WITH ADJACENT CONSTRUCTION AND TO BRIDGE JOINTS IN COATING SUBSTRATE.
- B. OPENINGS AND PENETRATIONS IN EXTERIOR WATER-RESISTIVE BARRIERS:
1. INSTALL FLASHING OVER SILLS, COVERING ENTIRE SILL FRAMING MEMBER, AND EXTEND AT LEAST 5 INCHES ONTO WATER-RESISTIVE BARRIER AND AT LEAST 6 INCHES UP JAMBS; MECHANICALLY FASTEN STRETCHED EDGES.
2. AT OPENINGS FILLED WITH NONFLANGED FRAMES, SEAL WATER-RESISTIVE BARRIER TO EACH SIDE OF FRAMING AT OPENING USING FLASHING AT LEAST 9 INCHES WIDE, AND COVERING ENTIRE DEPTH OF FRAMING.
- AT HEAD OF OPENINGS, INSTALL FLASHING UNDER WATER-RESISTIVE BARRIER EXTENDING AT LEAST 2 INCHES BEYOND FACE OF JAMBS; SEAL WATER-RESISTIVE BARRIER TO FLASHING.
3. AT INTERIOR FACE OF OPENINGS, SEAL GAPS BETWEEN WINDOW AND DOOR FRAMES AND ROUGH FRAMING USING APPROPRIATE JOINT SEALANT OVER BACKER ROD.
- SERVICE AND OTHER PENETRATIONS: FORM FLASHING AROUND PENETRATING ITEMS
- 3.04 FIELD QUALITY CONTROL
- B. OWNER'S INSPECTION AND TESTING: COOPERATE WITH OWNER'S TESTING AGENCY.
1. ALLOW ACCESS TO WORK AREAS AND STAGING.
2. NOTIFY OWNER'S TESTING AGENCY IN WRITING OF SCHEDULE FOR WORK OF THIS SECTION TO ALLOW SUFFICIENT TIME FOR TESTING AND INSPECTION.
3. DO NOT COVER WORK OF THIS SECTION UNTIL TESTING AND INSPECTION IS ACCEPTED.
- D. OBTAIN APPROVAL OF INSTALLATION PROCEDURES FROM WATER-RESISTIVE BARRIER MANUFACTURER BASED ON A MOCK-UP INSTALLED IN PLACE, PRIOR TO PROCEEDING WITH REMAINDER OF INSTALLATION.
- E. TAKE DIGITAL PHOTOGRAPHS OF EACH PORTION OF INSTALLATION PRIOR TO COVERING UP WEATHER BARRIERS.

- 3.05 PROTECTION
- A. DO NOT LEAVE MATERIALS EXPOSED TO WEATHER LONGER THAN RECOMMENDED BY MANUFACTURER.

SECTION 075423 - THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

- 1.1 SUMMARY
- A. FULLY ADHERED TPO MEMBRANE ROOFING SYSTEM.
- B. VAPOR RETARDER.
- C. ROOF INSULATION.
- 1.2 PERFORMANCE REQUIREMENTS
- A. ROOFING SYSTEM DESIGN: UPLIFT PRESSURES CALCULATED ACCORDING TO ASCE LOCAL CODES.
- B. FM APPROVALS LISTING: CLASS 1A-90.
- 1.3 QUALITY ASSURANCE
- A. EXTERIOR FIRE-TEST EXPOSURE: CLASS A.
- B. PRE-INSTALLATION CONFERENCE.
- 1.4 WARRANTY
- A. MANUFACTURER'S MATERIALS AND WORKMANSHIP WARRANTY: 10 YEARS.
- B. INSTALLER'S WARRANTY: TWO YEARS.
- C. WEATHER-TIGHT WARRANTY: 15 YEARS, NO DOLLAR LIMIT
- 1.5 MATERIALS
- A. TPO MEMBRANE ROOFING: ASTM D 6878, INTERNALLY FABRIC REINFORCED, UNIFORM, FLEXIBLE TPO SHEET.
1. THICKNESS: 60 MILS (1.5 MM).
2. COLOR: WHITE.
- B. SHEET FLASHING: SAME AS TPO SHEET MEMBRANE.
- C. SUBSTRATE BOARD, IF REQUIRED BY ROOF MANUFACTURER: CELLULOSIC-FIBER-REINFORCED BOARD.
- D. VAPOR RETARDER, IF REQUIRED BY ROOF MANUFACTURER: POLYETHYLENE FILM OR GLASS-FIBER FELTS.
- E. ROOF INSULATION: EXTRUDED-POLYSTYRENE OR COMPOSITE POLYISOCYANURATE BOARD.
1. TAPERED BOARDS: 1/4 INCH PER 12 INCHES (1:48) MINIMUM.
- F. COVER BOARD, IF REQUIRED BY ROOF MANUFACTURER: CELLULOSIC-FIBER INSULATION BOARD, GLASS MAT, WATER-RESISTANT GYPSUM SUBSTRATE, CELLULOSIC-FIBER-REINFORCED.
- G. WALKWAYS: PADS.
- 1.6 INSTALLATION
- A. ROOF INSULATION: MECHANICALLY FASTENED.
1. MEMBRANE ROOFING: ADHERED.

SECTION 077100 - ROOF SPECIALTIES

- 1.1 PERFORMANCE REQUIREMENTS
- A. COPINGS: FM APPROVALS LISTED.
1. FM WINDSTORM CLASSIFICATION: CLASS 1-90 MINIMUM.
- B. ROOF-EDGE FLASHING: FM APPROVALS LISTED.
1. FM WINDSTORM CLASSIFICATION: CLASS 1-90 MINIMUM.
- 1.2 WARRANTY
- A. PAINTED FINISHES: TEN YEARS.
- 1.3 PRODUCTS
- A. COPINGS: FORMED ALUMINUM, FACTORY PREFINISHED, COLOR TO MATCH WALL FINISH BELOW COPING.
- B. COLOR SELECTIONS:
1. PAC-GLAD
- a. OVER MEDIUM BROWN EIFS - MEDIUM BRONZE
- b. OVER MEDIUM CREAM EIFS - ALMOND
- c. OVER DARK BROWN EIFS - DARK BRONZE
2. FIRESTONE UNA-CLAD
- a. OVER MEDIUM BROWN EIFS - MEDIUM BRONZE
- b. OVER MEDIUM CREAM EIFS - SANDSTONE
- c. OVER DARK BROWN EIFS - DARK BRONZE
- C. ROOF-EDGE FLASHING:
1. ROOF-EDGE FASCIA: FORMED ALUMINUM, FACTORY PREFINISHED COLOR, COLOR TO MATCH WALL FINISH BELOW FLASHING.
- D. ROOF-EDGE DRAINAGE SYSTEMS.
1. GUTTERS: FORMED ALUMINUM, FACTORY PREFINISHED MEDIUM BRONZE COLOR
2. DOWNSPOUTS: FORMED ALUMINUM, FACTORY PREFINISHED, MEDIUM BRONZE COLOR
3. CONDUCTOR HEADS: FORMED ALUMINUM.
- E. FINISHES:
1. ALUMINUM: MINIMUM TWO-COAT FLUOROPOLYMER
- C. ROOF HATCHES: INSULATED WITH DOUBLE-WALLED CURBS.
1. HEIGHT: MINIMUM 12 INCHES (300 MM).
2. HATCH LID: OPAQUE.
3. MATERIAL: ALUMINUM.
4. FINISH: CLEAR ANODIC ALUMINUM.
5. ACCESSORIES: LADDER-ASSIST POST.

SECTION 077200 - ROOF ACCESSORIES

- 1.1 WARRANTY
- A. PAINTED FINISHES: 10 YEARS.
- 1.2 PRODUCTS
- A. ROOF CURBS, INSULATED WITH INTERIOR METAL LINER.
1. HEIGHT: MINIMUM 8 INCHES (300 MM).
2. MATERIAL: ALUMINUM.
3. FINISH: TWO-COAT FLUOROPOLYMER.
4. INTEGRAL SPRING-TYPE VIBRATION ISOLATORS.
- B. EQUIPMENT SUPPORTS: INSULATED WITH INTERIOR METAL LINER.
1. HEIGHT: MINIMUM 12 INCHES (300 MM).
2. MATERIAL: ZINC-COATED (GALVANIZED) STEEL.
3. FINISH: BAKED ENAMEL OR POWDER COAT.
4. SECURITY GRILLE WHERE INDICATED.

SECTION 079200 - JOINT SEALANTS

- 1.1 PRE-CONSTRUCTION TESTING
- A. PRE-CONSTRUCTION COMPATIBILITY AND ADHESION TESTING.
- B. PRE-CONSTRUCTION FIELD-ADHESION TESTING.
- 1.2 WARRANTY
- A. INSTALLER WARRANTY: TWO YEARS.
- 1.3 MATERIALS
- A. VOC CONTENT OF INTERIOR SEALANTS:
1. ARCHITECTURAL SEALANTS: 250 G/L.
2. SEALANT PRIMERS FOR NONPOROUS SUBSTRATES: 250 G/L.
3. SEALANT PRIMERS FOR POROUS SUBSTRATES: 775 G/L.
- B. STAIN TEST: ASTM C 1248.
- 1.4 JOINT SEALANTS
- A. MILDEW-RESISTANT, NEUTRAL-CURING, SILICONE JOINT SEALANT:
1. TYPE: SINGLE COMPONENT.
2. GRADE: NON-SAG.
3. CLASS: 100/50.
4. USES RELATED TO EXPOSURE: NON-TRAFFIC.
- B. URETHANE JOINT SEALANT:
1. TYPE: MULTI-COMPONENT.
2. GRADE: POURABLE.
3. CLASS: 25.
4. USES RELATED TO EXPOSURE: IMMERSIBLE.
- D. LATEX JOINT SEALANT: ACRYLIC LATEX OR SILICONIZED ACRYLIC LATEX.
- E. SOLVENT-RELEASE-CURING JOINT SEALANT: BUTYL RUBBER.
- F. PREFORMED JOINT SEALANT: PREFORMED SILICONE.
- G. ACOUSTICAL JOINT SEALANT: NON-SAG, PAINTABLE, NON-STAINING LATEX.
- H. JOINT-SEALANT BACKING: BOND-BREAKER TAPE.
- 1.5 FIELD QUALITY CONTROL
- A. FIELD-ADHESION TESTING.

SECTION 081113 - HOLLOW METAL DOORS AND FRAMES

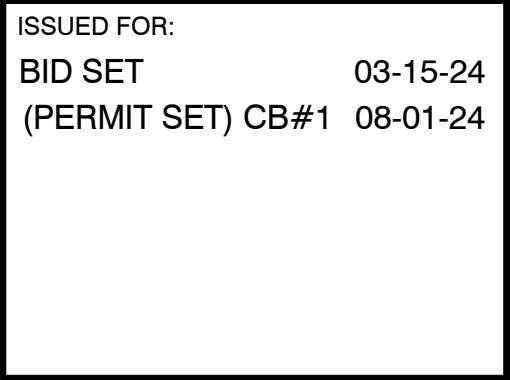
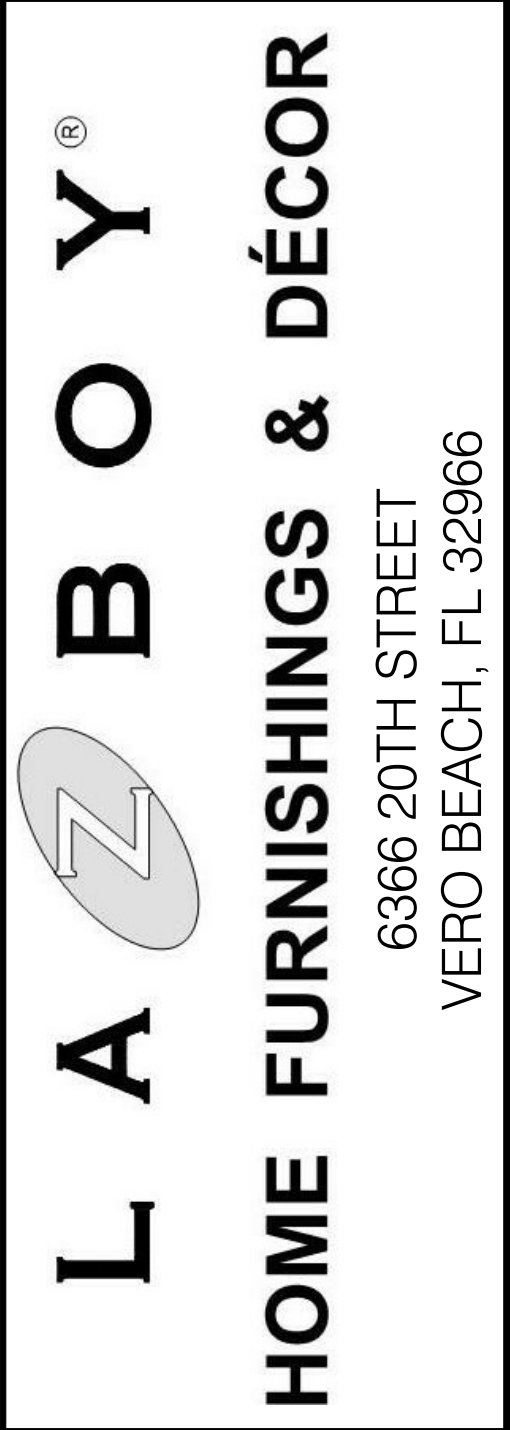
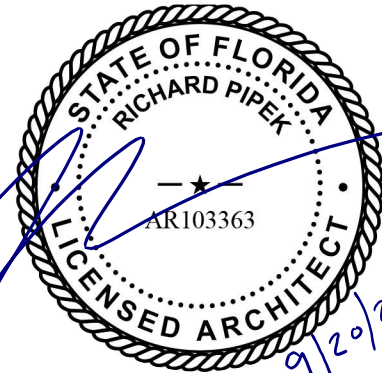
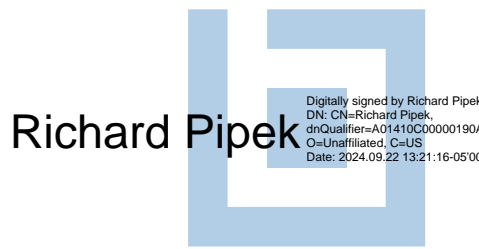
- 1.1 SUMMARY
- A. STANDARD HOLLOW METAL DOORS AND FRAMES.
- 1.2 QUALITY ASSURANCE
- A. STANDARD HOLLOW METAL QUALITY STANDARD: ANSI/SDI A250.8 (OR LOCAL CODE).
- 1.3 PRODUCTS
- A. STANDARD HOLLOW METAL DOORS:
1. DESIGN: FLUSH PANEL OR AS INDICATED.
2. THERMAL-RATED DOORS: EXTERIOR, THERMAL RESISTANCE U-0.34.
- B. EXTERIOR DOORS:
1. METALLIC-COATED STEEL SHEET FACES.
2. LEVEL 4 AND PHYSICAL PERFORMANCE LEVEL A (HEAVY DUTY).
- C. INTERIOR DOORS:
1. COLD-ROLLED STEEL SHEET FACES (UNLESS METALLIC-COATED SHEET IS INDICATED)
2. LEVEL 1 AND PHYSICAL PERFORMANCE LEVEL C (STANDARD DUTY)
- D. STANDARD HOLLOW METAL FRAMES:
1. EXTERIOR FRAMES: METALLIC-COATED STEEL SHEET; FULL PROFILE WELDED.
- a. FRAMES FOR LEVEL 4 STEEL DOORS: 0.042-INCH+ (1.7-MM) THICK STEEL SHEET.
2. INTERIOR FRAMES: COLD-ROLLED STEEL SHEET; FULL PROFILE WELDED OR KNOCK DOWN.
- a. FRAMES FOR LEVEL 1 STEEL DOORS: 0.042-INCH+ (1.0-MM) THICK STEEL SHEET.
- E. HOLLOW METAL PANELS: SAME MATERIALS, CONSTRUCTION, AND FINISH AS ADJOINING HOLLOW METAL WORK.
- F. ACCESSORIES:
1. MOLDINGS AND STOPS FOR GLAZED LITES.
2. LOUVERS: SIGHT-PROOF STEEL.
- G. FINISHES: FACTORY PRIMING FOR FIELD PAINTING.
- 1.4 INSTALLATION
- A. METAL-STUD PARTITIONS: FRAMES FILLED WITH INSULATION.
- B. CONCRETE AND MASONRY WALLS: FRAMES FILLED WITH GROUT.

SECTION 083613 - SECTIONAL DOORS

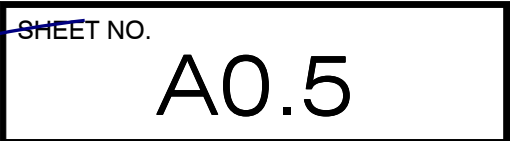
- 1.1 PERFORMANCE REQUIREMENTS
- A. BASIC WIND SPEED, EXTERIOR DOORS: TO BE DETERMINED DUE TO SPECIFIC SITE CONDITIONS.
- B. AIR INFILTRATION: MAXIMUM RATE OF 0.08 CFM/SQ. FT. (0.406 L/S PER SQ. M)
- C. WINDBORNE DEBRIS IMPACT-RESISTANCE PERFORMANCE.
- D. SEISMIC PERFORMANCE.
- 1.2 QUALITY ASSURANCE
- A. STANDARD FOR SECTIONAL DOORS: DASMA 102.
- 1.3 WARRANTY
- A. MATERIALS AND WORKMANSHIP: TWO YEARS.
- B. FINISH: 10 YEARS FOR FACTORY-APPLIED FINISHES.
- 1.4 DOOR ASSEMBLY AS INDICATED ON DRAWINGS
- A. STEEL SECTIONAL DOOR.
- B. R-VALUE: R-16 MINIMUM
- C. STEEL SECTIONS: GALVANIZED STEEL SECTIONS 2 INCHES (51 MM NOMINAL) THICK WITH FLAT EXTERIOR SURFACE AND GALVANIZED STEEL INTERIOR FACING.
- D. TRACK CONFIGURATION: STANDARD-LIFT TRACK.
- E. WEATHER SEALS
1. ELECTRIC DOOR OPERATOR: LIGHT DUTY, UP TO 10 CYCLES PER HOUR OBSTRUCTION-DETECTION DEVICE.

SECTION 084113 - ALUMINUM FRAMED ENTRANCES & STOREFRONTS

- 1.1 SUMMARY
- A. EXTERIOR STOREFRONT FRAMING.
- B. EXTERIOR MANUAL-SWING ENTRANCE DOORS AND DOOR-FRAME UNITS.
- 1.2 PERFORMANCE REQUIREMENTS
- A. DELEGATED DESIGN: CONTRACTOR TO DESIGN ALUMINUM-FRAMED SYSTEMS.
- B. STRUCTURAL PERFORMANCE:
1. WIND LOADS: AS INDICATED ON DRAWINGS TO BE DETERMINED DUE TO SPECIFIC SITE CONDITIONS.
2. SEISMIC LOADS: AS INDICATED ON DRAWINGS TO BE DETERMINED DUE TO SPECIFIC SITE CONDITIONS.
- C. DEFLECTION OF FRAMING MEMBERS:
1. DEFLECTION NORMAL TO WALL PLANE: LIMITED TO L/240
2. DEFLECTION PARALLEL TO GLAZING PLANE: LIMITED TO L/360 OR 1/8 INCH (3.2 MM), WHICHEVER IS SMALLER.



USABLE SQUARE FOOTAGES:	
TOTAL BLDG.	15,886 SF
STOCK ROOM	505 SF
SHOW ROOM	13,789 SF
RESTROOMS	160 SF
OTHER	1,432 SF



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- 1.3 QUALITY ASSURANCE
A. QUALITY-CONTROL PROGRAM FOR STRUCTURAL-SEALANT-GLAZED SYSTEM.
B. PRE-CONSTRUCTION SEALANT TESTING.
C. MOCKUPS FOR EACH FORM OF CONSTRUCTION AND FINISH.
- 1.4 WARRANTY
A. MATERIALS AND WORKMANSHIP: 10 YEARS.
B. FINISH: 10 YEARS.
- 1.5 MAINTENANCE SERVICE
A. ENTRANCE DOOR HARDWARE: 1 YEAR.
B. STRUCTURAL-SEALANT-GLAZED SYSTEMS: 12 MONTHS.
- 1.6 MATERIALS
A. ALUMINUM: ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER.
B. STEEL REINFORCEMENT.
- 1.7 FRAMING SYSTEMS
A. FRAMING MEMBERS: MANUFACTURER'S STANDARD EXTRUDED-ALUMINUM FRAMING MEMBERS.
1. CONSTRUCTION: THERMALLY BROKEN.
2. GLAZING SYSTEM: RETAINED MECHANICALLY WITH GASKETS ON FOUR SIDES
B. GLAZING PLANE: AS INDICATED
C. BRACKETS AND REINFORCEMENTS.
D. FASTENERS AND ACCESSORIES.
E. CONCEALED FLASHING: MANUFACTURER'S STANDARD CORROSION-RESISTANT, NON-STAINING, NON-BLEEDING FLASHING FRAMING SYSTEM GASKETS AND SEALANTS.
- 1.8 GLAZING SYSTEMS
A. GLAZING: AS SPECIFIED IN DIVISION 08 SECTION "GLAZING."
B. GLAZING GASKETS.
C. SPACERS AND SETTING BLOCKS.
D. BOND-BREAKER TAPE.
E. GLAZING SEALANTS:
1. STRUCTURAL SEALANT.
2. WEATHER SEAL SEALANT.
- 1.9 ENTRANCE DOOR SYSTEMS
A. ENTRANCE DOORS:
1. DOOR CONSTRUCTION: 1-3/4-INCH (44.5-MM) OVERALL THICKNESS.
2. DOOR DESIGN: MEDIUM STYLE.
3. GLAZING STOPS AND GASKETS.
B. ENTRANCE DOOR HARDWARE: AS SCHEDULED - SEE SHEET A-6.1.
- 1.10 ALUMINUM FINISHES
A. ALUMINUM FINISHES: CLASS I, CLEAR ANODIC.
- 1.11 SOURCE QUALITY CONTROL
A. TESTING AGENCY: CONTRACTOR/ CONSTRUCTION MANAGER - ENGAGED.
B. STRUCTURAL-SEALANT-GLAZED SYSTEMS: TESTED AND INSPECTED ACCORDING TO ASTM C 1401 RECOMMENDATIONS.
- 1.12 FIELD QUALITY CONTROL
A. TESTING: BY CONTRACTOR/ CONSTRUCTION MANAGER - ENGAGED AGENCY.

SECTION 087100 - DOOR HARDWARE

- 1.1 SUMMARY
A. MECHANICAL DOOR HARDWARE FOR SWINGING DOORS.
B. CYLINDERS FOR DOOR HARDWARE.
C. ELECTRIFIED LOCAL (AUDIBLE) ALARM DOOR HARDWARE.
- 1.2 WARRANTY
A. MATERIALS AND WORKMANSHIP: THREE YEARS.
- 1.3 MAINTENANCE SERVICE
A. FULL-MAINTENANCE SERVICE: SIX MONTHS.
- 1.4 PRODUCTS
A. SCHEDULED DOOR HARDWARE: PRODUCTS SCHEDULED IN "DOOR HARDWARE SCHEDULE" ON DRAWINGS - SEE DRAWING A4.1.
- 1.5 FIELD QUALITY CONTROL
A. INDEPENDENT ARCHITECTURAL HARDWARE CONSULTANT: CONTRACTOR - ENGAGED TO PERFORM INSPECTIONS.
B. OCCUPANCY ADJUSTMENT: AFTER THREE AND ELEVEN MONTHS.
- 1.6 DOOR HARDWARE SCHEDULE
A. SEE SHEET A4.1.
- 1.7 KEYING
A. PROVIDE TEMPORARY CONSTRUCTION CORES, CHANGE OUT TO PERMANENT CORES AT COMPLETION OF PROJECT. KEY TO MASTER AND COORDINATE WITH LZB REPRESENTATIVES. PROVIDE 5 SETS OF EACH KEY INCLUDING MASTER AT COMPLETION OF PROJECT.

SECTION 088000 - GLAZING

- 1.1 SUMMARY
A. GLAZING REQUIRED FOR THE FOLLOWING:
1. DOORS.
2. STOREFRONT FRAMING.
- 1.2 PERFORMANCE REQUIREMENTS
A. ENGINEERING DESIGN OF GLASS BY CONTRACTOR.
- 1.3 QUALITY ASSURANCE
A. MOCKUPS FOR ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
- 1.4 WARRANTY
A. INSULATING GLASS: NOT LESS THAN 10 YEARS.
- 1.5 MATERIALS
A. GLAZING GASKETS: DENSE COMPRESSION OR LOCK STRIP.
B. SILICONE GLAZING SEALANTS: NEUTRAL CURING, GLASS 100/50
C. GLAZING TAPES: BACK-BEDDING-MASTIC TYPE.
- 1.6 MONOLITHIC-GLASS TYPES
A. GLASS TYPE FULLY TEMPERED FLOAT GLASS.
- 1.7 INSULATING GLASS TYPES
A. GLASS TYPE: LOW E-COATED, CLEAR INSULATING GLASS.
1. OUTDOOR LITE: HEAT-STRENGTHENED FLOAT GLASS OR FULLY TEMPERED FLOAT GLASS AS DESIGNATED ON DRAWINGS.
2. INDOOR LITE: HEAT-STRENGTHENED FLOAT GLASS OR FULLY TEMPERED FLOAT GLASS.
- 1.8 SPANDREL GLASS TYPES
A. GLASS TYPE: MULTIPLE PANE INSULATING OBSCURE GLASS (OLD CASTLE)
1. 1/4" CLEAR HS
2. 1/2" MILL AIRSPACE
3. 1/4" CLEAR HS #4 WITH SOLARGRAY FRIT #4

SECTION 08 92 00 - LOUVERED EQUIPMENT ENCLOSURES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Aluminum louvers as shown on the Drawings and as specified herein, including but not necessarily limited to the following:
1. Continuous blade type, architectural vision louvers.
2. Concealed snap-in support clips and accessories.
3. Factory-applied finish system to louver blades

1.02 REFERENCE STANDARDS

- A. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Other Performing Organic Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix); 2022.

1.03 COORDINATION

- A. Coordinate Work with other operations and installation of roofing materials to avoid damage to installed insulation and membrane materials.

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.
B. Product Data: Manufacturer's data sheets on each product to be used, including:
1. Preparation instructions and recommendations.
2. Load tables showing louver span capacities.
3. Storage and handling requirements and recommendations.
4. Installation methods.
C. Shop Drawings: Include plans, sections, and details of connections and bracing.
1. Include structural calculations indicating compliance with wind loading requirements.
2. Show field measurements of roof openings on shop drawings.
D. Selection Samples: Two complete sets of color chips representing manufacturer's full range of available colors and textures for each product.
E. Verification Samples: Two samples, minimum size 8 inches (200 mm) square, representing actual product configuration, color, and texture.
F. Manufacturer's qualification statement.
G. Specimen warranty.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products of the type specified in this section, with not less than ten years of documented experience.
B. Provide aluminum louvers by a firm having undivided responsibility for the entire aluminum louver system design, fabrication and installation, except as otherwise specified herein.
C. Provide aluminum louvers in strict accordance with state and local building codes and ordinances and conforming to applicable wind load factors relative to framing and anchorage.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
B. Comply with manufacturer's instructions for handling of screen products.

1.07 WARRANTY

- A. See Section 017800 - Closeout Submittals for additional warranty requirements.
B. Aluminum Finish Warranty: Provide 10-year manufacturer warranty against excessive degradation of exterior finish. Include provision for replacement of units with excessive fading, chalking, or flaking. Complete forms in Owner's name and register with warrantior.
C. Louvers:
1. Provide written warranty, stating that the louvers, exclusive of paint finish, will be free of faults and defects for a period of:
2. Products installed on projects located two miles or greater from salt or brackish bodies of water: Twenty (20) years
3. Products installed on projects located greater than one mile but less than two miles from salt or brackish bodies of water will be warranted for (5) years, except for aluminum, or stainless steel products which will be warranted for (20) years.
4. Products installed on projects located one mile or less from salt or brackish bodies of water will be warranted for (3) years, except for aluminum, stainless steel Products which will be warranted for (20) years.
D. Paint Finish:
1. Provide written warranty stating that the paint finish applied on all louver components will retain its film integrity, color and chalk as defined by AAMA 2605 for a period of:
2. Products installed on projects located 1 mile or greater from salt or brackish bodies of water: Twenty (20) years.
3. Products installed on projects located less than 1 mile from salt or brackish bodies of water: Three (3) years.

PART 2 PRODUCTS

2.01 PRODUCTS

- A. Basis-of-Design Manufacturer and Louver: RoofScreen Mfg.
1. VisionGuard L20 Slatted Louver.

2.02 APPLICATIONS

- A. Screens for concealing equipment.

2.03 PERFORMANCE REQUIREMENTS

- A. Design Loads: Comply with Building Code for site location and building height.
1. Design to resist ASCE 7 - Minimum Design Loads for Buildings and Other Structures, using the latest published ASCE version.
2. Design all materials, assembly and attachments to resist snow, wind, suction and uplift loading at any point without damage or permanent set.
B. Structural Design: Prepare structural design calculations for louver assemblies including blades, clips, trees, fasteners and attachment to structure.
1. Design and provide louvers to withstand a wind load of 89.2 psf inward and 89.2 psf outward with a deflection in both vertical and horizontal members not to exceed L/180. Refer to structural drawings for additional information.
C. Thermal Movement: Normal thermal movement is defined as that resulting from a 120 degrees F maximum change (range) in ambient temperature. Base design calculations on actual surface temperatures of metals due to both solar heat gain and night time sky heat loss.
D. Anchors and Connections:
1. Anchors, connections and assemblies connecting the louvers and associated fabrications to the supporting construction are shown on the Drawings as suggested locations for the louver manufacturer/installer's information. The louver manufacturer/installer is responsible for the structural design and placement of the connections and anchors, including all connecting hardware, accessories and reinforcing necessary for fabrication, and installation of the louvers and associated fabrications.
2. The louver manufacturer is to notify the Architect in writing prior to the submittal of shop drawings of any changes in the proposed locations of connections and anchors.
3. The Architect's review of shop drawings is not to be construed as removing responsibility from the louver manufacturer/installer for structural failures related to design, fabrication, installation, and fabrication services.

2.04 FABRICATION

- A. Fabricate louvers with close-fitting, field-made splice joints in blades designed to permit expansion and contraction without deforming blades or framework and with supporting members and hardware concealed from front edges of blades so blades have continuous appearance.
1. General:
2. Fabricate all units to produce uniform sight lines and to be level, plumb and in same plane as adjacent panels.
3. Accurately fabricate all joints for proper fit.
4. Protect exposed surfaces against damage from scratches and discoloration.

B. Louvers:

- Fabricate continuous blade louvers from minimum 0.1 inch thick extruded aluminum to shapes and configurations shown on the Drawings.
- Provide support clips from minimum 0.125 inch thick extruded aluminum to comply with specified performance criteria and manufacturer's fabrication procedures and standards.
- Provide vertical supports ("trees") from minimum 3 inch by 3 inch by 0.188 inch thick extruded aluminum angles to comply with specified performance criteria and manufacturer's fabrication procedures and standards, at spacings not further apart than recommended by manufacturer.
- Corners:
5. Provide inside and outside corners fabricated from 6 inch by 6 inch by 0.100 inch thick aluminum trim, painted to match louver blades, to be fastened with exposed fasteners.

2.05 ALUMINUM FINISHES

- A. Provide all louver members and accessories free of scratches and serious blemishes affecting the finish system.
B. Superior Performing Organic Coatings System: Manufacturer's standard multi-coat superior performing organic coatings system complying with AAMA 2605, including at least 70 percent polyvinylidene fluoride (PVDF) resin, and at least 80 percent of aluminum extrusion and panels surfaces having minimum total dry film thickness (DFT) of 1.2 mils, 0.0012 inch (0.030 mm).
1. Color: As selected from manufacturer's standard colors.
C. Touch-Up Materials: As recommended by coating manufacturer for field application.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared. Installation of louvers constitutes acceptance of the existing conditions.
B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 INSTALLATION

- A. Install equipment screens in accordance with manufacturer's printed instructions and as indicated on shop drawings.
B. Form tight joints and fit exposed connections accurately.
C. Provide necessary fastenings and anchors required for a complete installation, and install units plumb, level, and in proper alignment with adjacent work.

3.03 PROTECTION

- A. Protect installed products until completion of project.
B. Protect metal surfaces from corrosion or galvanic action by application of a heavy coating of bituminous paint on surfaces that will be in contact with concrete, masonry or dissimilar metals.
C. Touch-up, repair, or replace damaged products before Date of Substantial Completion.

SECTION 092900 - GYPSUM BOARD

1.1 MATERIALS

- A. INTERIOR GYPSUM BOARD:
1. GYPSUM WALLBOARD.
2. IMPACT-RESISTANT GYPSUM BOARD.
3. MOISTURE-RESISTANT GYPSUM BOARD.
4. GYPSUM SHEATHING.
B. TRIM ACCESSORIES:
1. INTERIOR.
2. ALUMINUM: EXTRUDED PROFILES.
C. TEXTURE FINISHES:
1. NON-AGGREGATE FINISH.
D. AUXILIARY MATERIALS:
1. LAMINATING ADHESIVE: LOW VOC.
2. ACOUSTICAL JOINT SEALANT: LOW VOC.
E. EXTERIOR SHEATHING BOARD:
1. GLASS MAT FACED SHEATHING AS DEFINED IN ASTM C1177/C1177M.
2. EDGES: SQUARE.
E. CONTROL JOINTS:
1. LOCATE AT WINDOW CORNERS, COLUMN CORNERS WHERE POSSIBLE. MAX. SPACING 50'-0" ON CENTER. DO NOT INSTALL CONTROL JOINTS IN AREAS SCHEDULED TO RECEIVE VINYL GRAPHICS.
2. DETAIL PER DRYWALL MANUFACTURER'S RECOMMENDATIONS.
F. LEVELS OF GYPSUM BOARD FINISH
1. PER GYPSUM ASSOCIATION 214-10.
2. LEVEL 1 - ABOVE CEILINGS AND IN AREAS CONCEALED FROM VIEW.
3. LEVEL 4 - ALL AREAS EXPOSED TO VIEW EXCLUDING WALLS SCHEDULED TO RECEIVE VINYL GRAPHICS.
4. LEVEL 5 - WALL AREAS SCHEDULED TO RECEIVE VINYL GRAPHICS.
G. METAL STUD FRAMING
1. FRAMING INSTALLATION PER ASTM C-745, DEFLECTION L/360.
2. AT INTERIOR WALLS, MIN. 20 GAUGE STUD FRAMING AT 16" O.C.
3. PROVIDE STEEL BAR BRACING AT 48" O.C.

SECTION 093000 - TILING

1.1 QUALITY ASSURANCE

- A. MOCKUP FOR FLOOR TILE INSTALLATION.

1.2 SUMMARY

- A. PORCELAIN TILE
B. SURFACE PREPARATION
C. WATERPROOFING AND CRACK ISOLATION MEMBRANE SYSTEM
D. SETTING MORTAR
E. GROUT AND ACCESSORIES

1.3 TILE PRODUCTS

- A. TILE TYPE: GLAZED PORCELAIN TILE.
1. BASIS-OF-DESIGN PRODUCT: AS INDICATED ON DRAWINGS.
2. SIZE: AS INDICATED ON DRAWINGS.

1.4 ACCESSORY MATERIALS

- A. CRACK ISOLATION MEMBRANE: URETHANE CRACK ISOLATION MEMBRANE AND TILE-SETTING ADHESIVE.
B. SEALANTS: USE SEALANT COMPLYING WITH ASTM C920 ACCORDING TO TYPE, GRADE, CLASS AND USES REQUIRED. COLOR TO MATCH GROUT

1.5 INTERIOR TILE INSTALLATION SCHEDULE

- A. INTERIOR FLOORS ON CONCRETE:
1. INSTALL FLOOR TILE PER TONA F-125-FULL-12: THIN-SET MORTAR ON CRACK ISOLATION MEMBRANE.
A. TILE TYPE: AS INDICATED ON DRAWINGS.
B. LATEX-MODIFIED CEMENT MORTAR: ONE PART, FLEXIBLE LATEX THIN SET MORTAR CONFORMING TO ANSI A118.4 & A118.11 (OR LOCAL CODE)
C. GROUT: STAIN RESISTANT, CRACK RESISTANT, CEMENTITIOUS GROUT. PROVIDE GROUT WITH 4% MAXIMUM WATER ABSORPTION CONFORMING TO ANSI A118.7 (OR LOCAL CODE).

1.6 WARRANTY

- A. THE MANUFACTURER OF THE INSTALLATION MATERIALS SHALL WARRANT FOR 15 YEARS UPON COMPLETION OF THE INSTALLATION, WHEN INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

SECTION 095113 - ACOUSTICAL PANEL CEILINGS

1.1 SUMMARY

- A. ACOUSTICAL PANELS AND EXPOSED SUSPENSION SYSTEMS.

1.2 QUALITY ASSURANCE

- A. ACOUSTICAL PANEL QUALITY STANDARD: ASTM E 1264.
B. METAL SUSPENSION SYSTEM QUALITY STANDARD: ASTM C 635.
C. MOCKUPS FOR EACH FORM OF CONSTRUCTION.

1.3 MATERIALS

- A. ACOUSTICAL CEILING PANELS:
1. TYPE AND FORM: REFER TO DRAWING A 1.2 FOR PRODUCT INFORMATION.
2. LR: NOT LESS THAN: 0.85.
3. NRC: NOT LESS THAN: 0.55.
4. CAC: NOT LESS THAN: 35.
5. THICKNESS: 5/8" INCH (15MM)
6. MODULAR SIZE: 24 BY 48 INCHES (610 BY 1220 MM).
B. METAL SUSPENSION SYSTEMS:
1. WIRE HANGERS, BRACES, AND TIES.
2. HANGER RODS OR FLAT HANGERS
3. ANGLE HANGERS.
4. SEISMIC PERIMETER STABILIZER BARS, STRUTS, AND CLIPS.
5. HOLD-DOWN CLIPS.
6. IMPACT CLIPS.
7. WIDE-FACE, CAPPED, DOUBLE-WEB STEEL: INTERMEDIATE DUTY. REFER TO DRAWING A-1.2 FOR OTHER PRODUCT INFORMATION.
C. METAL EDGE MOLDINGS AND TRIM: EXTRUDED
D. ACOUSTICAL SEALANTS.

1.4 INSTALLATION

- A. INSTALLATION: ASTM C 636

1.5 FIELD QUALITY CONTROL

- A. TESTING: BY CONTRACTOR/ CONSTRUCTION MANAGER - ENGAGED AGENCY TO TEST ACOUSTICAL PANEL CEILING HANGER FASTENERS.

SECTION 096513 - RESILIENT BASE AND ACCESSORIES

1.1 PRODUCTS

- A. RESILIENT BASE:
1. MATERIAL REQUIREMENT: ROPPE.
2. STYLE/COLOR: AS INDICATED ON DRAWINGS.
3. MINIMUM THICKNESS: 0.125 INCH (3.2 MM).
4. HEIGHT: AS INDICATED ON DRAWINGS.
5. OUTSIDE CORNERS: PREFORMED.
6. INSIDE CORNERS: PREFORMED.
7. USE COIL PRODUCT ONLY, NO FOUR FOOT SECTIONS PERMITTED.
B. INSTALLATION MATERIALS:
1. TROWELABLE LEVELING AND PATCHING COMPOUNDS.
2. ADHESIVES.

SECTION 096519 - RESILIENT TILE FLOORING

1.1 PRODUCTS

- A. SOLID VINYL FLOOR TILE:
1. CLASS: PRINTED FILM.
2. THICKNESS: 0.125 INCH (3.2 MM) MIN.
3. SIZE: AS INDICATED ON DRAWINGS.
4. WEAR LAYER THICKNESS: 20mil FOR PLANK / 0.020" FOR TILE PRODUCT
5. FINISH: UV CURED FACTORY ENHANCED URETHANE
6. SLIP RESISTANCE / ASTM D 2047: COMPLIANT / MINIMUM
7. LOAD FACTOR: 1500psi MINIMUM
8. WARRANTY: 10 YEAR COMMERCIAL MINIMUM
B. INSTALLATION MATERIALS:
1. TROWELABLE LEVELING AND PATCHING COMPOUNDS.
2. ADHESIVES.
3. SEAMLESS-INSTALLATION ACCESSORIES.

1.2 FLOOR TILE INSTALLATION

- A. LAY TILES IN PATTERN INDICATED ON DRAWINGS.

SECTION 096813 - TILE CARPETING

1.1 WARRANTY

- A. CARPET TILE FAILURE: LIFETIME LIMITED COMMERCIAL.

1.2 PRODUCTS

- A. CARPET TILE:
1. FIBER: NYLON 6.
2. PILE CHARACTERISTIC: MULTI-LEVEL LOOP PILE.
3. DENSITY: 4500 OZ./CU. YD. (8.98 KILOTEX).
4. PILE THICKNESS: .120 (3.05 MM).
5. TOTAL WEIGHT: 15.00 OZ./SQ. YD (508.59 G/SQ. M).
6. SIZE: 24 BY 24 INCHES (610 BY 610 MM).
B. INSTALLATION ADHESIVE: VOC CONTENT 50 G/L OR LESS.

SECTION 096816 - SHEET CARPETING

1.1 WARRANTY

- A. CARPET: LIFETIME LIMITED COMMERCIAL.
B. CARPET CUSHION: LIFETIME LIMITED COMMERCIAL.

1.2 PRODUCTS

- A. TUFTED CARPET: AS INDICATED ON DRAWINGS
1. FIBER CONTENT: SOLUTION Q NYLON.
2. PILE CHARACTERISTIC: TEXTURED LOOP PILE.
3. TUFTED WEIGHT: 24.0 (813.74 G/ SQ. M)
4. GAUGE: 1/10 (39.37 / 10cm)
5. STITCHES PER INCH: 9.0 (35.43 / 10cm)
6. PILE THICKNESS: 0.099 (2.51mm)
7. TOTAL THICKNESS: 0.256 (6.50mm)
8. DENSITY: 8727 (16.25 KILOTEX)
9. PRIMARY BACKING: SYNTHETIC
10. DYE METHOD: 100% SOLUTION DYED.
B. INSTALLATION ADHESIVE: VOC CONTENT 50 G/L OR LESS.
C. CARPET CUSHION:
1. PRODUCT: ULTRALOC PATTERN BACKING.
2. MATERIAL: SBR LATEX PRE-COAT WITH A HIGH PERFORMANCE SBR SECONDARY COAT LAMINATED TO A WOVEN SECONDARY BACKING.

SECTION 099113 - EXTERIOR PAINTING

1.1 SUMMARY

- A. SURFACE PREPARATION AND THE APPLICATION OF PAINT SYSTEMS ON EXTERIOR SUBSTRATES.

1.2 QUALITY ASSURANCE

- A. QUALITY STANDARDS: "MPI APPROVED PRODUCTS LIST" AND "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL."
B. MOCKUPS FOR EACH COLOR AND FINISH.

1.3 FIELD QUALITY CONTROL

- A. TESTING: BY CONTRACTOR/ CONSTRUCTION MANAGER -ENGAGED INDEPENDENT TESTING AGENCY.

1.4 EXTERIOR PAINTING SCHEDULE

- A. STEEL SUBSTRATES:
1. ALKYD SYSTEM: MPI EXT 5.1D.
2. ALUMINUM PAINT SYSTEM: MPI EXT 5.1K.
B. GALVANIZED-METAL SUBSTRATES:
1. ALKYD SYSTEM: MPI EXT 5.3B.
C. ALUMINUM SUBSTRATES:
1. ALKYD SYSTEM: MPI EXT 5.4F.
D. STUCCO SUBSTRATES:
1. DRYVIT "DEMANDIT" PAINT PREPARED AND APPLIED PER MANUFACTURER'S INSTRUCTIONS.

SECTION 099123 - INTERIOR PAINTING

1.1 SUMMARY

- A. SURFACE PREPARATION AND THE APPLICATION OF PAINT SYSTEMS ON INTERIOR SUBSTRATES.

1.2 QUALITY ASSURANCE

- A. QUALITY STANDARDS: "MPI APPROVED PRODUCTS LIST" AND "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL."

1.3 PRODUCTS

- A. ALL PAINT USED SHOULD BE NON-VOC: RECOMMEND BENJAMIN MOORE ECO-SPEC LINE, SHERWIN WILLIAMS DURATION OR EQUIVALENT.

1.4 INTERIOR PAINTING SCHEDULE

- A. CONCRETE SUBSTRATES, NON-TRAFFIC SURFACES:
1. LATEX SYSTEM: MPI INT 3.1E.
2. LATEX OVER SEALER SYSTEM: MPI INT 3.1A.
3. LATEX OVER LATEX AGGREGATE SYSTEM: MPI INT 3.1B.
4. ALKYD SYSTEM: MPI INT 3.1D.
B. CONCRETE SUBSTRATES, TRAFFIC SURFACES:
1. CLEAR SEALER SYSTEM: MPI INT 3.2F.
2. WATER-BASED CLEAR SEALER SYSTEM: MPI INT 3.2G.
C. STEEL SUBSTRATES:
1. QUICK-DRYING ENAMEL SYSTEM: MPI INT 5.1A.
2. ALKYD DRY-FALL SYSTEM: MPI INT 5.1D.
3. ALKYD SYSTEM: MPI INT 5.1E.
4. ALUMINUM PAINT SYSTEM: MPI INT 5.1M.
D. GALVANIZED-METAL SUBSTRATES:
1. ALKYD DRY-FALL SYSTEM: MPI INT 5.3F.
2. ALKYD SYSTEM: MPI INT 5.3C.
3. HIGH-PERFORMANCE ARCHITECTURAL LATEX SYSTEM: MPI INT 5.3M.
E. ALUMINUM (NOT ANODIZED OR OTHERWISE COATED) SUBSTRATES:
1. ALKYD OVER VINYL WASH PRIMER SYSTEM: MPI INT 5.4A.
2. ALKYD OVER QUICK-DRYING PRIMER SYSTEM: MPI INT 5.4J.
3. ALUMINUM PAINT SYSTEM: MPI INT 5.4D.
4. HIGH-PERFORMANCE ARCHITECTURAL LATEX SYSTEM: MPI INT 5.4F.
F. GYPSUM BOARD SUBSTRATES:
1. LATEX SYSTEM: MPI INT 9.2A.
2. ALKYD OVER LATEX PRIMER SYSTEM: MPI INT 9.2C.
3. HIGH-PERFORMANCE ARCHITECTURAL LATEX SYSTEM: MPI INT 9.2B.

SECTION 101400 - SIGNAGE

1.1 SUMMARY

- A. CONTRACTOR TO FURNISH AND INSTALL SIGNAGE PER LOCAL, STATE, AND FEDERAL CODES. SEE A-4.1 FOR FURTHER REQUIREMENTS.

1.2 COMPONENTS

- A. MATERIALS - PLASTIC, SELF ADHESIVE
B. RAISED TEXT AND TACTILE PER A.D.A. AND ANSI

SECTION 102113 - TOILET COMPARTMENTS

1.1 SUMMARY

- A. STAINLESS STEEL TOILET COMPARTMENTS CONFIGURED AS FOLLOWS:
1. URINAL-SCREEN STYLE: WALL HUNG, FLAT PANEL.

1.2 COMPONENTS

- A. MANUFACTURER: GENERAL PARTITIONS
B. URINAL-SCREEN POST: NONE.
C. BRACKETS (FITTINGS):
1. FULL-HEIGHT (CONTINUOUS) TYPE: STAINLESS STEEL.
D. HARDWARE AND ACCESSORIES: STAINLESS STEEL.
E. STYLE: #501 HAMMERED STAINLESS

ISSUED FOR:

BID SET 03-15-24

SHEET TITLE:

ARCHITECTURAL SPECIFICIATIONS

STORE NAME:

LA-Z-BOY - VERO BEACH

USABLE SQUARE FOOTAGES:

TOTAL BLDG.	15,886 SF
STOCK ROOM	505 SF
SHOW ROOM	13,789 SF
RESTROOMS	160 SF
OTHER	1,432 SF

SHEET NO.

A0.6

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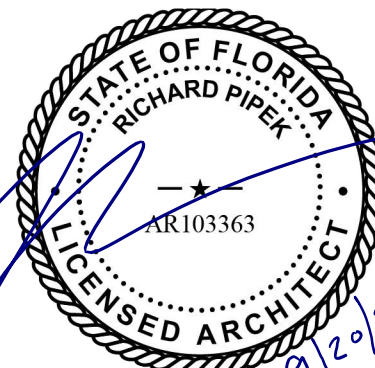
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VERO BEACH, FL 32966



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CODE INFORMATION		
2023 FLORIDA BUILDING CODE (8TH EDITION)		
DESCRIPTION	REQUIREMENT / ACTUAL	SECTION/TABLE
CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION		
OCCUPANCY CLASSIFICATION	USE GROUP "M" MERCANTILE / "S-1" STORAGE - NON-SEPERATED MIXED USE	
CHAPTER 5 - GENERAL BUILDING HEIGHT AND AREAS		
ALLOWABLE AREA	M, SPRINKLERED 1-STORY, TYPE II-B = 50,000 SQUARE FEET.	TABLE 506.2
AREA MODIFICTION	NONE REQUIRED.	
ACTUAL AREA	15,843 SQUARE FEET.	
ALLOWABLE HEIGHT	M, SPRINKLERED, TYPE II-B = 3 STORIES, 75 FEET.	TABLE 504.3 TABLE 504.4
ACTUAL HEIGHT	1-STORY - 30 FEET. (TOP OF TOWER)	
MIXED USE AND OCCUPANCY	NO SEPERATION REQUIRED BETWEEN M & S-1	TABLE 508.4
CHAPTER 6 - TYPES OF CONSTRUCTION		
CONSTRUCTION CLASSIFICATION	TYPE II-B, MASONRY EXTERIOR WALLS / STEEL ROOF TRUSSES / FULLY SPRINKLERED	SECTION 602.5
FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS	STRUCTURAL FRAME = 0 HR	TABLE 601
	INTERIOR BEARING WALLS = 0 HR	
	EXTERIOR BEARING WALLS = 0 HR	
	NON-BEARING WALLS = 0 HR	
	FLOOR CONSTRUCTION = 0 HR	
FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (FSD)	ROOF CONSTRUCTION = 0 HR	TABLE 602
	X < 5 - TYPE V-B = 2 HR	
	5 ≤ X ≤ 10 - TYPE V-B = 1 HR	
	10 ≤ X ≤ 30 - TYPE V-B = 0 HR	
CHAPTER 8 - INTERIOR FINISHES		
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (SPRINKLERED)	EXIT PASSAGEWAYS = C (S-1) - B (M)	TABLE 803.13
	CORRIDORS = C	
	ROOMS & ENCLOSED SPACES = C	
CHAPTER 9 - FIRE SPRINKLER SYSTEM		
AUTOMATIC SPRINKLER SYSTEM	REQUIRED; PROVIDED.	SECTION 903.2.7 REQ 1. X<12,000SF
PORTABLE FIRE EXTINGUISHERS	PROVIDED AS REQUIRED PER INTERNATIONAL FIRE CODE AND PER LOCAL AUTHORITY. REFER TO LIFE SAFETY PLAN FOR LOCATIONS & COVERAGE.	SECTION 906.1
CHAPTER 10 - MEANS OF EGRESS		
OCCUPANT LOAD	REFER TO CODE INFORMATION ON COVER SHEET.	TABLE 1004.5
EGRESS WIDTH PER OCCUPANT	REFER TO CODE INFORMATION ON COVER SHEET.	SECTION 1005.3 SECTION 1005.3.2
EXIT SIGNS	PROVIDED; SEE REFLECTED CEILING PLANS.	SECTION 1013.1
EXIT TRAVEL DISTANCE	250 FEET MAXIMUM (SPRINKLERED); REFER TO LIFE SAFETY PLANS FOR ACTUAL DISTANCES.	SECTION 1017.1
NUMBER OF EXITS PER STORY	2 - OCCUPANT LOAD 1<X<500 PER STORY	TABLE 1006.3.3
CHAPTER 29 - PLUMBING SYSTEMS		
REQUIRED PLUMBING FIXTURES	REFER TO CODE INFORMATION ON COVER SHEET.	TABLE 2902.1

SECTION 102800-TOILET ACCESSORIES

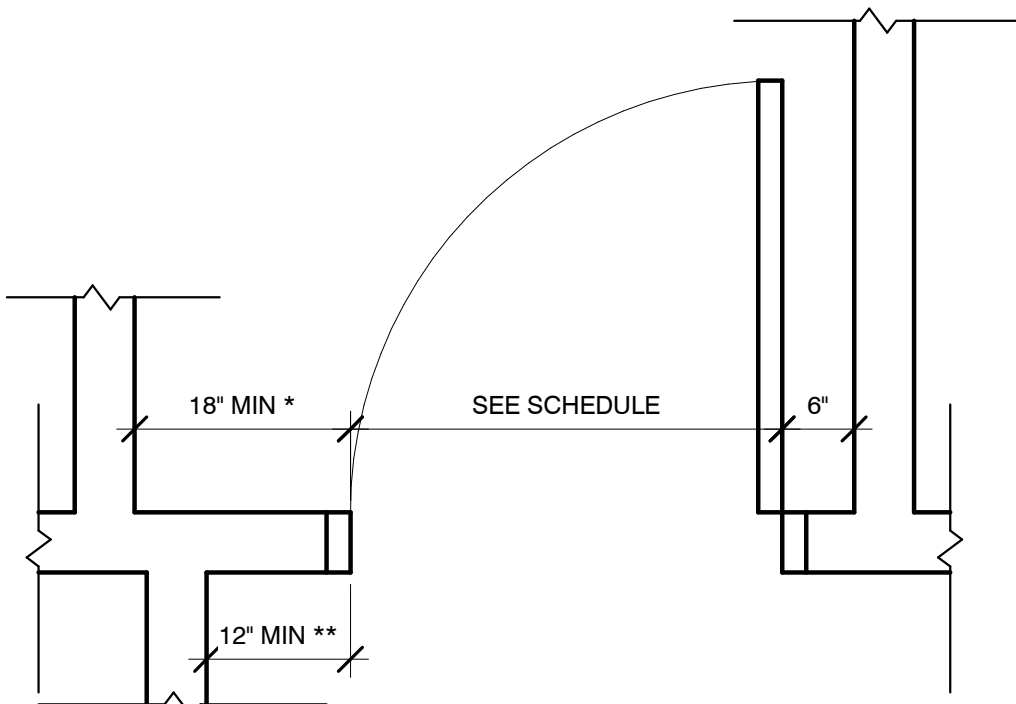
- 1.1 WARRANTY
 - A. SILVER SPOILAGE FOR MIRRORS: 15 YEARS MINIMUM.
 - B. STAINLESS STEEL TOILET ACCESSORIES: 10 YEARS MINIMUM.
- 1.2 PRODUCTS - SEE DRAWING A4.2 FOR MANUFACTURER AND INFORMATION. PUBLIC-USE WASHROOM ACCESSORIES:
 1. TOILET TISSUE DISPENSER: COMBINATION, ROLL TOILET TISSUE.
 2. ELECTRIC HAND DRYER.
 3. LIQUID-SOAP DISPENSER(WALL MOUNTED TYPE).
 4. GRAB BARS (STAINLESS STEEL TYPE).
 5. SANITARY-NAPKIN DISPOSAL UNIT.
 6. MIRROR UNIT.
- B. CHILDWARE ACCESSORIES:
 1. DIAPER-CHANGING STATION.

SECTION 104413 - FIRE EXTINGUISHER CABINETS

- 1.1 PRODUCTS
 - A. FIRE PROTECTION CABINET:
 1. TYPE: FOR FIRE EXTINGUISHER.
 2. CONSTRUCTION: NON-RATED.
 3. MOUNTING: SEMI-RECESSED (3 1/2" PROJECTION).
 4. DOOR STYLE: FULLY GLAZED PANEL WITH FRAME.
 5. DOOR GLAZING: TEMPERED BREAK GLASS.
 6. ACCESSORIES: DOOR LOCKS.
 7. FINISH: STEEL, BAKED ENAMEL OR POWDER COATED.
 8. DESIGN PRODUCT: LARSON 2409-R4 - FULL GLAZING WITH ROLLED EDGE.

SECTION 104416 - FIRE EXTINGUISHERS

- 1.1 SUMMARY
 - A. FURNISHED MATERIAL: HAND-CARRIED FIRE EXTINGUISHERS.
- 1.2 QUALITY ASSURANCE
 - A. FIRE EXTINGUISHERS: NFPA 10 AND FMG LISTED OR PER LOCAL JURISDICTION.
- 1.3 WARRANTY
 - A. MATERIALS AND WORKMANSHIP: SIX YEARS.
- 1.4 PRODUCTS
 - A. PORTABLE, HAND-CARRIED FIRE EXTINGUISHERS:
 1. MULTIPURPOSE DRY-CHEMICAL TYPE, RECHARGEABLE, 10 LBS, UL RATING 4A:60B:C OR PER LOCAL CODE.



* TYPICAL FRONT APPROACH CLEARANCES, 24\"/>

** 12\"/>

SEE ANSI A117.1-1:2003 (FIG.404.2.3.2) FOR FURTHER INFORMATION

3 TYP. DOOR OFFSET

3/4" = 1'-0"

SECTION 10 82 13 - ROOF SCREEN LOUVERS

- PART 1 GENERAL
 - 1.01 SECTION INCLUDES
 - A. Exterior aluminum louvers and screens attached to structure.
 - 1.02 COORDINATION
 - A. Coordinate Work with other operations and installation of roofing materials to avoid damage to installed insulation and membrane materials.
 - 1.03 SUBMITTALS
 - A. See Section 013000 - Administrative Requirements, for submittal procedures.
 - B. Shop Drawings: Submit detailed shop drawings, indicating component profiles, sections, finishes, fastening details, special details, and manufacturer's technical and descriptive data.
 1. Indicate distinction between factory-assembled and field-assembled work on shop drawings.
 - C. Design Data: Submit comprehensive structural analysis of design for the specified loads. Stamp and sign calculations by professional engineer.
 - D. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.
 - 1.04 QUALITY ASSURANCE
 - A. Designer Qualifications: Perform structural design under direct supervision of a Professional Engineer experienced in design of this type of work and licensed in the State in which the Project is located.
 - B. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than five years of documented experience.
 - 1.05 WARRANTY
 - A. See Section 017800 - Closeout Submittals, for additional warranty requirements.
 - B. Correct defective work within a one year period after Date of Substantial Completion.
 - C. Framing System: Provide manufacturer's standard written limited warranty stating that the complete framing system shall be warranted against structural failure due to cracking, buckling, bending, tearing or corrosion arising under normal use and environmental conditions for the coverage period applicable.
 1. Products installed on projects located 2 miles or greater from salt or brackish bodies of water shall be warranted for twenty (20) years.
 2. Products installed on projects located greater than 1 mile but less than 2 miles from salt or brackish bodies of water shall be warranted for five (5) years, except for aluminum, stainless steel or copper Products which will be warranted for twenty (20) years.
 3. Products installed on projects located 1 mile or less from salt or brackish bodies of water will be warranted for three (3) years, except for aluminum, stainless steel or copper Products which will be warranted for twenty (20) years
 - D. Louvers: Refer to Section 089100, Louvers

PART 2 PRODUCTS

- 2.01 PERFORMANCE REQUIREMENTS
- 2.02 DESIGN LOADS: COMPLY WITH BUILDING CODE FOR SITE LOCATION AND BUILDING HEIGHT.
 1. Design to resist ASCE 7 - Minimum Design Loads for Buildings and Other Structures, using the latest published ASCE version.
 2. Design all materials, assembly and attachments to resist snow, wind, suction and uplift loading at any point without damage or permanent set.
- B. Structural Design: Prepare structural design calculations for screen framing and attachment to structure including reactions at base supports for verification of roof structure by Architect.
- 2.03 BASIS OF DESIGN MANUFACTURER
 - A. RoofScreen Mfg.; Square Base with RotoLock™ Roof Attachment System; www.roofscreen.com.
- 2.04 GRILLES
- 2.05 MATERIALS
 - A. Square TPO Roof Flashing: Fabricated from 60 mil, white, single ply TPO sheet conforming to ASTM D 6878. Provide with base flange that extends a minimum of 5 inches (127 mm) onto the roof surface on all four sides. Riser shall be tapered to allow easy fit over Square Base Supports with minimal gap at top of flashing. Hot weld all seams for water tightness.
 - B. Base Cap Gasket: EPDM with self-adhesive closed cell foam.
 - C. Framing: Carbon or galvanized steel structural tubing in manufacturer's standard sizes, conforming to ASTM A 500 and/or ASTM A787 with manufacturer's standard galvanized coating conforming to ASTM A 1057. Provide with wall thickness as determined by structural calculations.
 - D. Connector Fittings: Fabricated from AISI Type 304 stainless steel with mill finish.
 - E. Hardware: Bolts, nuts and washers: 18-8 stainless steel.
 - F. Self-Drilling Screws: Carbon steel with factory applied protective coating conforming to ASTM B 117 salt spray testing.
 - G. Louvers: Refer to Section 089100, Louvers.

2.06 FABRICATION

- A. Shop fabricate items to the greatest extent possible.
- B. Disassemble as necessary for shipping and handling, clearly mark units for proper reassembly.
- C. Provide supports, anchorages, and accessories as required for complete assembled system.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify dimensions, tolerances, and method of attachment with other work.
- B. Verify that painting, roofing, masonry work, and other adjacent work that might damage grille finish have been completed prior to start of installation.
- C. Verify that anchorage devices have been properly installed and located.

3.02 INSTALLATION

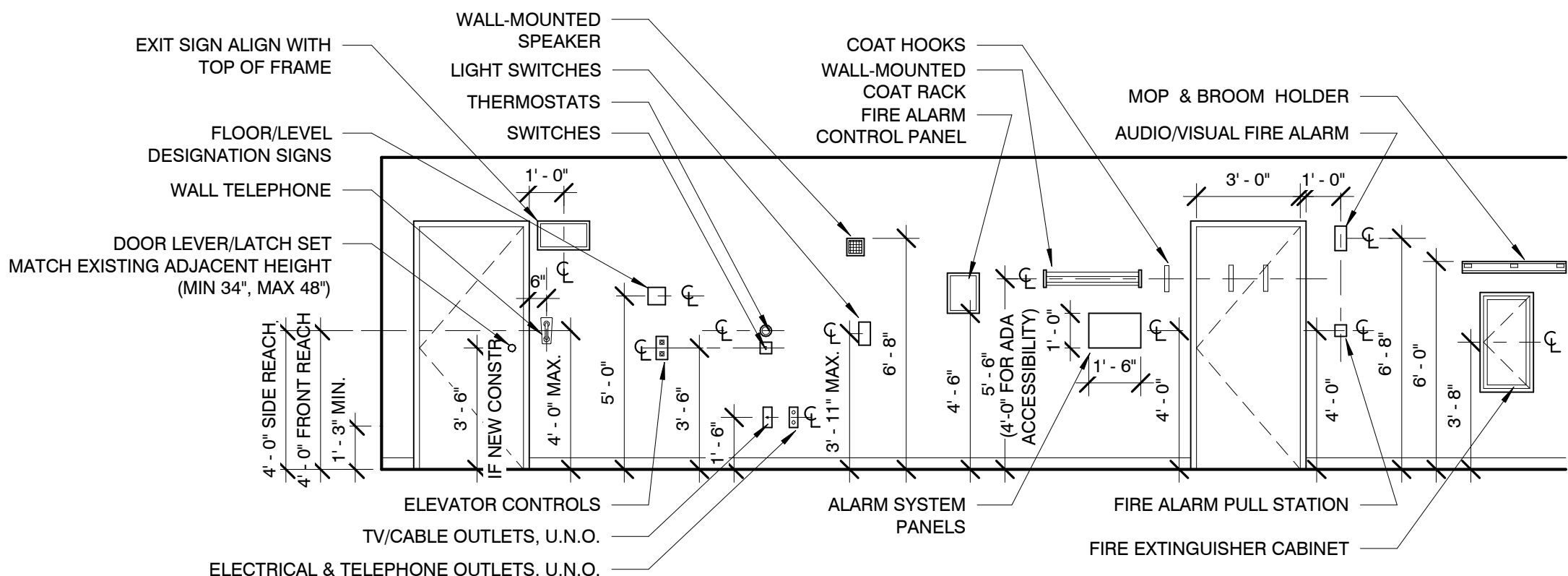
- A. Install in accordance with manufacturer's written installation instructions.
- B. Set items level, plumb, with uniform joints, and in alignment with adjacent work as indicated.
- C. Mechanically secure support structure to building structure.
- D. Do not cut or trim aluminum members without approval of manufacturer; do not install damaged members.

3.03 CLEANING

- A. Clean finished surfaces as recommended by manufacturer and maintain clean condition until Date of Substantial Completion.
- B. Touch-up damaged finish coating using material provided by manufacturer to match original coating.

3.04 PROTECTION

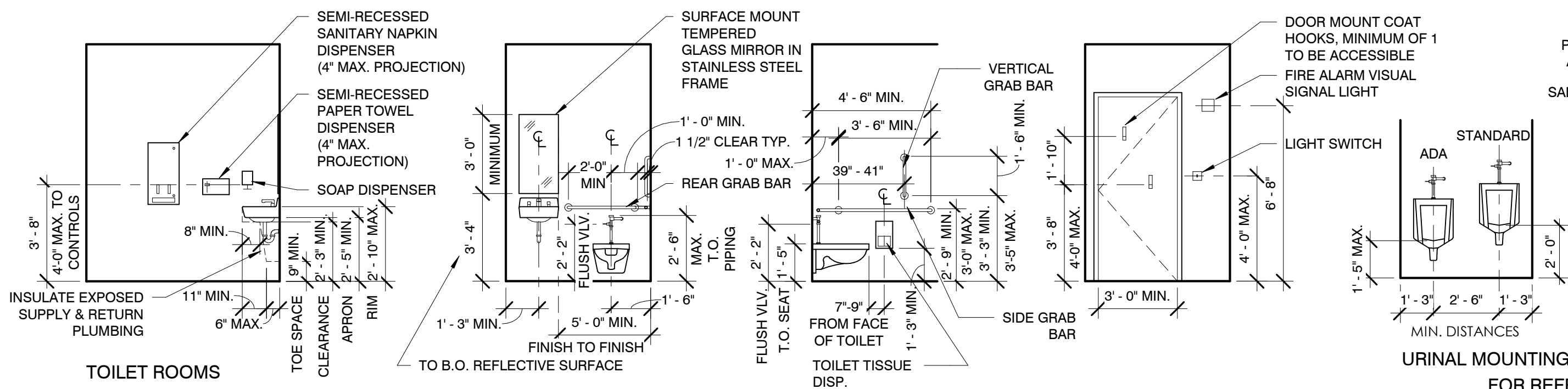
- A. Protect installed grilles to ensure grilles are without damage until Date of Substantial Completion.



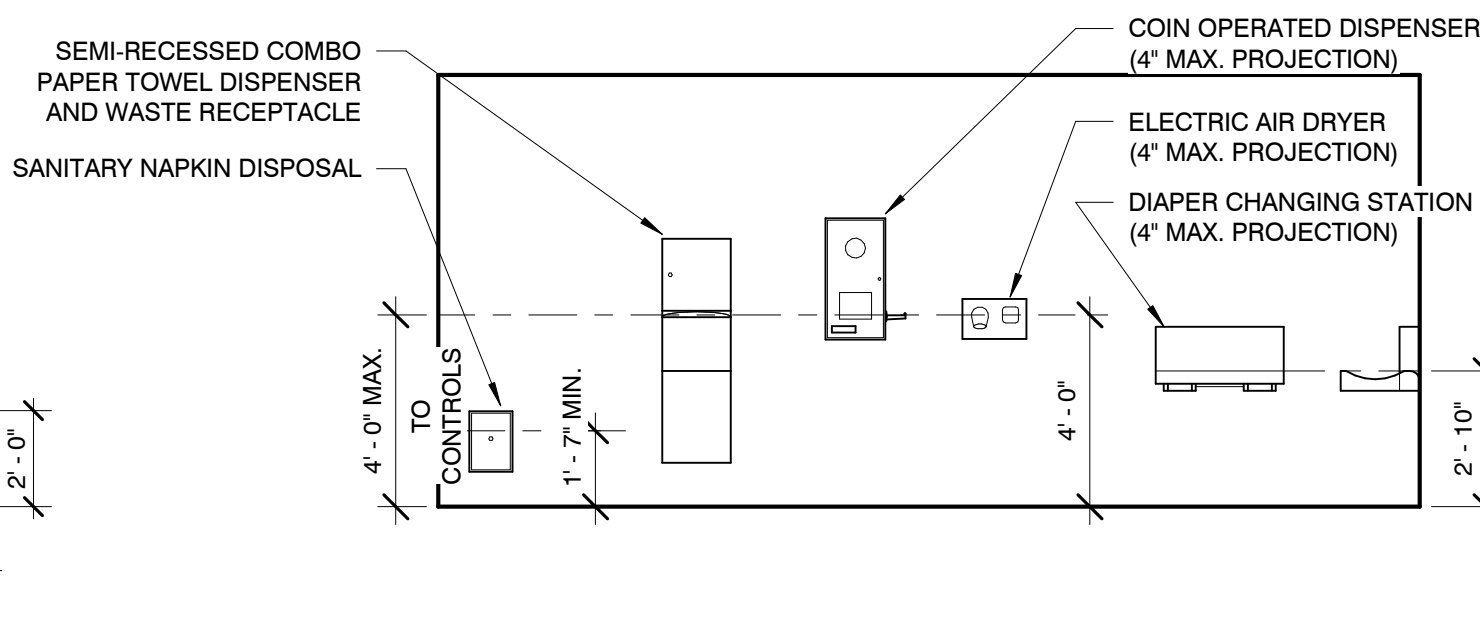
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2 TYPICAL MOUNTING HEIGHTS

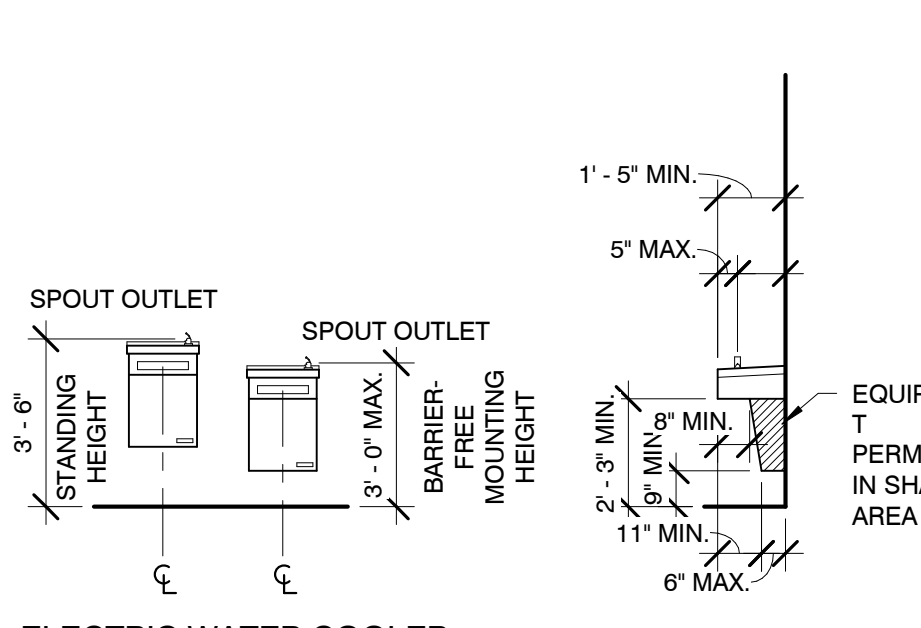
1/4" = 1'-0"



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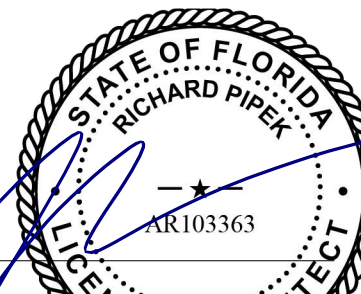


MISC. ACCESSORY MOUNTING HEIGHTS
FOR REFERENCE ONLY - DOES NOT INDICATE EQUIPMENT OR FIXTURES TO BE PROVIDED



ELECTRIC WATER COOLER

Richard Pipek
Digitally signed by Richard Pipek
DN: cn=Richard Pipek,
c=United States of America,
ou=La-Z-Boy, email=richard@la-z-boy.com,
Date: 2024.09.20 15:22:16 -0500



ISSUED FOR:
BID SET 03-15-24
CB #2 08-16-24
(PERMIT SET) CB#1 08-01-24

SHEET TITLE:
ARCHITECTURAL SPECIFICATIONS,
TYP. MOUNTING HEIGHTS, &
CODE INFO

STORE NAME:
LA-Z-BOY -
VERO BEACH

USABLE SQUARE FOOTAGES:
TOTAL BLDG. 15,886 SF
STOCK ROOM 505 SF
SHOW ROOM 13,789 SF
RESTROOMS 160 SF
OTHER 1,432 SF

SHEET NO.
A0.7

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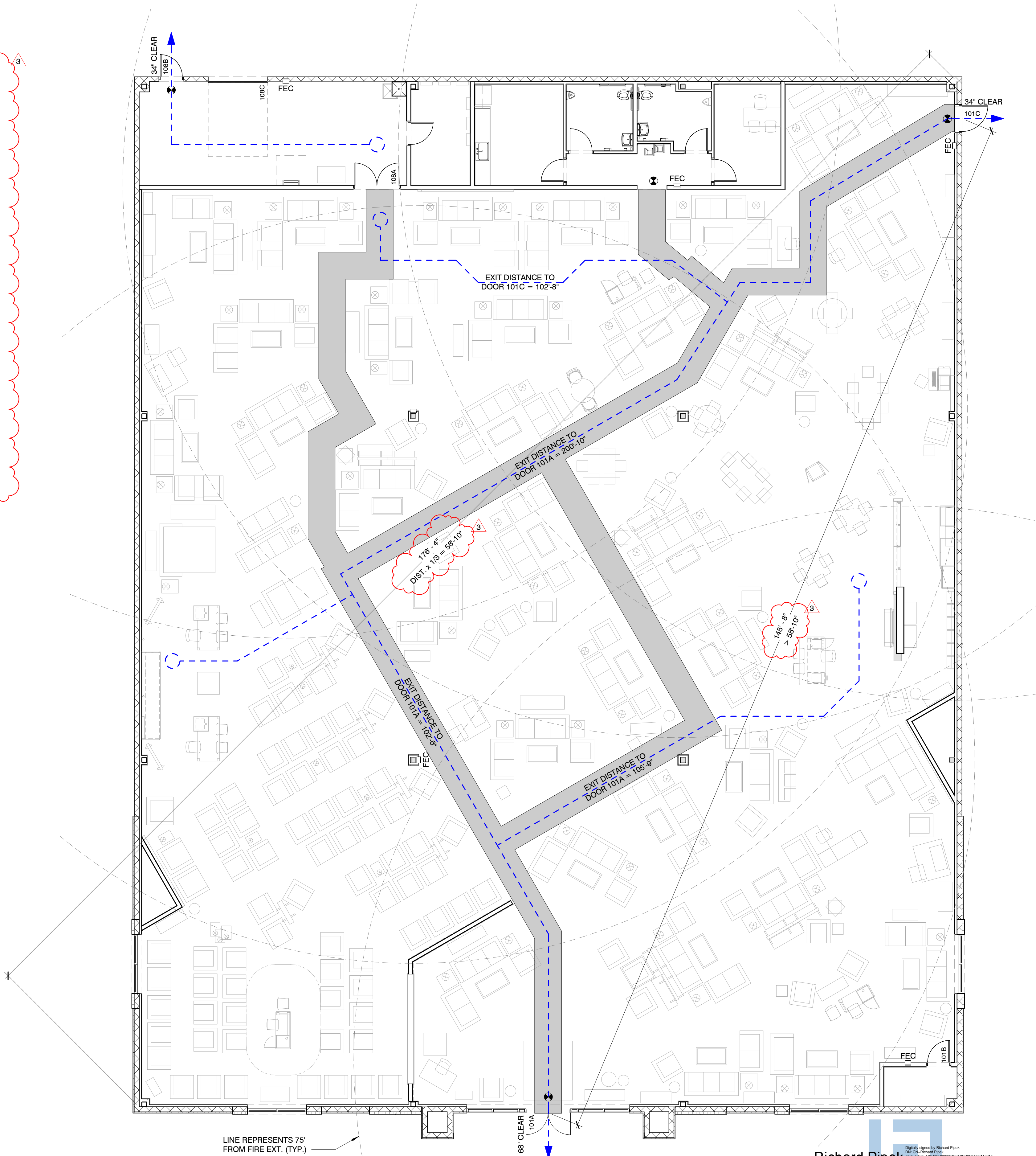
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FOR CONSTRUCTION

FIRE CODE ANALYSIS

FLORIDA FIRE PREVENTION CODE (8TH EDITION - 2021)

TYPE OF CONSTRUCTION	NFPA 220 II(000)
TOTAL SQUARE FEET	15,504
NUMBER OF STORIES AND/OR MEZZANINES	1
OCCUPANCY TYPE	NEW MERCANTILE - CLASS B
MEANS OF EGRESS COMPONENTS	SEE DOOR SCHEDULE - A4.1
EGRESS CALCULATIONS	
BLDG. DIAGONAL DISTANCE ÷ 3 (SPRINKLERED)	176'-4" / 3 = 58'-10"
DISTANCE BETWEEN 101A & 101B = 145'-8"	145'-8" > 58'-10"
OCCUPANT LOAD FOR EXIT WIDTH CALCULATIONS	
USE GROUP	FLOOR AREA ÷ FLOOR AREA / OCCUPANCY = # OF OCCUPANTS
M-MERCANTILE	15,504 SF ÷ 30 SF (GROSS) / OCCUPANCY = 517 OCCUPANTS
517 x 0.2' PER OCCUPANT = 103.4' CLEAR WIDTH REQUIRED PER SECTION 1005.3.2	
PROVIDED CLEAR WIDTH = (101A - 68") + (101C - 40") = 108" CLEAR WIDTH FOR EGRESS	
MAXIMUM ALLOWED TRAVEL DISTANCE	250'-0" PER NFPA 101:36.2.6.2
MAXIMUM TRAVEL DISTANCE	200'-10"
ILLUMINATION OF MEANS OF EGRESS	PROVIDED; SEE LIFE SAFETY PLAN
EMERGENCY LIGHTING	PROVIDED; SEE LIFE SAFETY PLAN
MARKING MEANS OF EGRESS (EXIT SIGNS)	PROVIDED; SEE LIFE SAFETY PLAN
FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEM	PROVIDED VIA SEPARATE PERMIT
AUTOMATIC SPRINKLERS	PROVIDED VIA SEPARATE PERMIT
PORTABLE FIRE EXTINGUISHERS	PROVIDED; SEE LIFE SAFETY PLAN
SMOKE DUCT DETECTORS	PER NFPA 90A; SEE MECHANICAL
FIRE DAMPERS IN FIRE RATED WALLS	NONE
EMERGENCY RADIO ENHANCEMENT	GC TO COORDINATE SURVEY



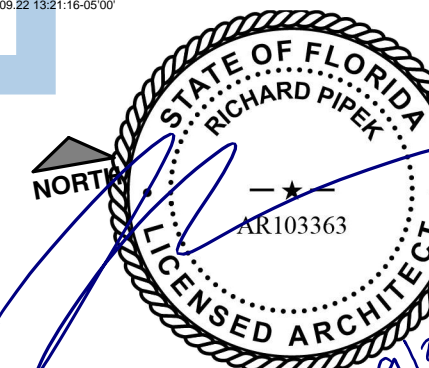
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LIFE SAFETY PLAN

1/8" = 1'-0"

NORTH



ISSUED FOR:

BID SET 03-15-24
CB #2 08-16-24
(PERMIT SET) CB#1 08-01-24

SHEET TITLE:

LIFE SAFETY
PLAN & FIRE
CODE ANALYSIS

STORE NAME:

LA-Z-BOY -
VERO BEACH

USABLE SQUARE FOOTAGES:

TOTAL BLDG.	15,886 SF
STOCK ROOM	505 SF
SHOW ROOM	13,789 SF
RESTROOMS	160 SF
OTHER	1,432 SF

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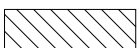

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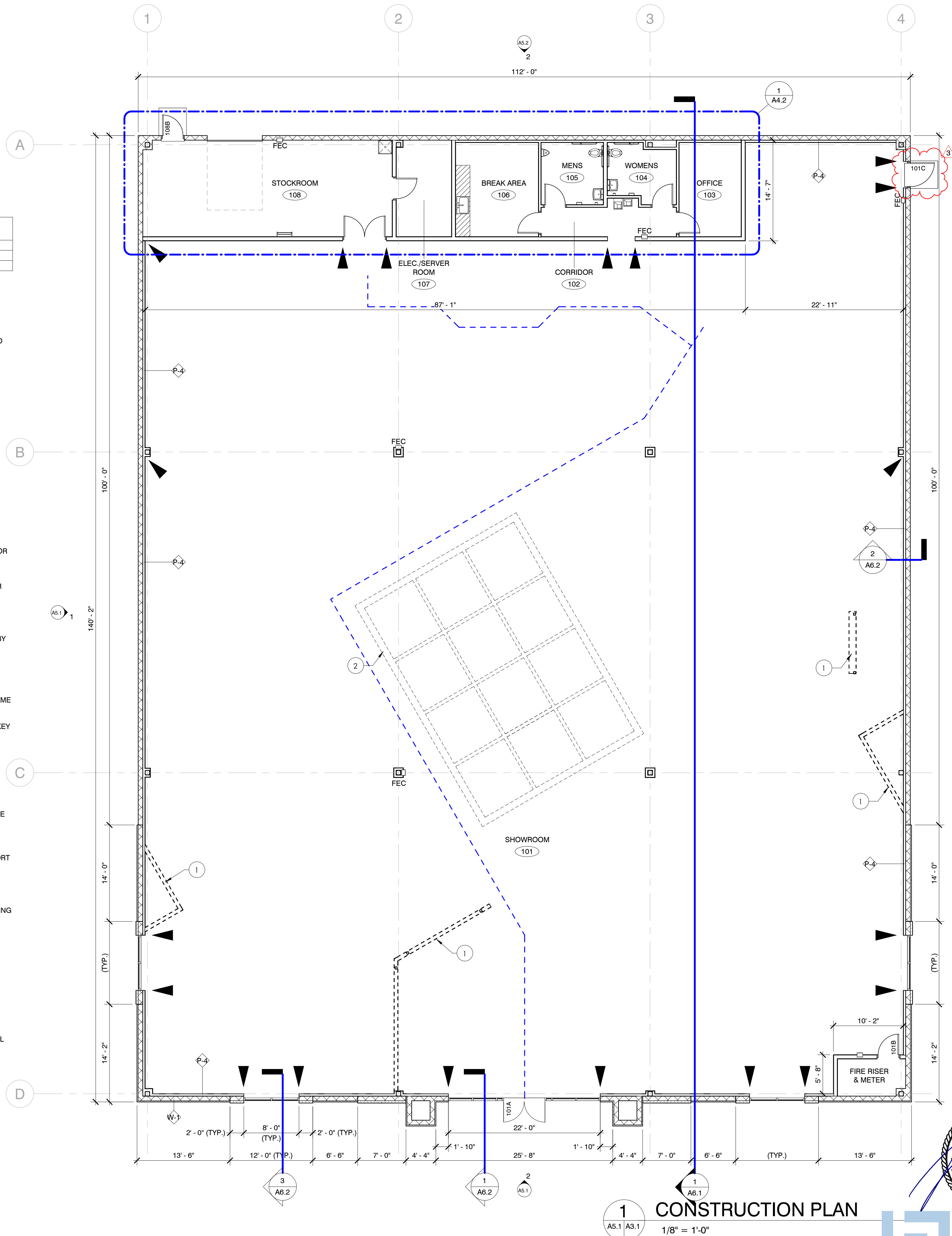
KEYED FLOOR PLAN NOTES	
TAG #	DESCRIPTION
1	REFER TO I-SERIES DRAWINGS FOR CONSTRUCTION DETAILS.
2	CEILING ELEMENT (ABOVE); REFER TO I-SERIES DRAWINGS FOR CONSTRUCTION DETAILS.

FLOOR PLAN GENERAL NOTES:

- A.  INDICATES WALL TYPE. SEE WALL SCHEDULE FOR WALL ASSEMBLY INFORMATION. NOTE: SEE SECTIONS AND ELEVATIONS FOR CHANGES IN MATERIALS/WALL TYPES/ACCENT-ELEMENTS THAT MAY NOT BE INDICATED @PLAN CUT.
- B. SEE A1.0 FOR TYPICAL DIMENSIONS OF DOOR OPENING FROM ADJACENT WALL.
- C. PROVIDE IN-WALL BLOCKING AT MILLWORK AND WALL HUNG ELEMENTS. PROVIDE FIRE TREATED BLOCKING AT IN RATED WALLS.
- D.  INDICATES NEW MILLWORK. SEE INTERIOR ELEVATIONS AND DETAILS.
- E.  INDICATES FIRE EXTINGUISHER LOCATION. SEE SPEC FOR DIFFERENT TYPES.
- F. PROVIDE ROOF PATCHING AT ALL REQUIRED MECHANICAL PENETRATIONS PER ROOF MANUFACTURER'S RECOMMENDATIONS TO MAINTAIN WARRANTY
- G. OMIT.
- H. ALL WORK UNDER THIS CONTRACT SHALL BE PERFORMED IN STRICT COMPLIANCE WITH ALL LOCAL CODES, ORDINANCES AND REGULATIONS OF THE GOVERNMENT AUTHORITIES HAVING JURISDICTION.
- I. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED TO PERFORM WORK IN ACCORDANCE WITH REQUIREMENTS AND PROCEDURES OF ANY AND ALL AUTHORITIES HAVING JURISDICTION.
- J. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND COORDINATES. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS.
- K. CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS AND NOTIFY THE ARCHITECT OF ANY CONCERNS PRIOR TO STARTING WORK.
- L. DO NOT SCALE THE DRAWINGS. IF A CONTRADICTION OCCURS WITHIN THE CONTRACT DOCUMENTS OR INFORMATION IS UNCLEAR, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR CLARIFICATION.
- M. CONTRACTOR SHALL COORDINATE WITH THE WORK OF OTHERS NOT INCLUDED IN THE CONTRACT AS DIRECTED BY THE OWNER.
- N. ALL INTERIOR PLAN DIMENSIONS ARE TO FACE OF INTERIOR FINISH, U.N.O.
- O. ALL VERTICAL DIMENSIONS TO BE ABOVE FINISH FLOOR (A.F.F.) U.N.O.
- P. THE WORD ALIGN AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
- Q. ALL DOORS USED IN CONJUNCTION WITH EXITS SHALL BE ARRANGED TO READILY OPEN WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE FROM THE SIDE OF EGRESS.
- R. ALL EXTERIOR DIMENSIONS ARE FROM EXTERIOR FINISH FACE TO EXTERIOR FINISH FACE U.N.O.
- S. A THERMAL BREAK IN THE CONCRETE FLOOR SLAB IS REQUIRED AT ALL EXTERIOR DOOR LOCATIONS: SEE DOOR DETAILS FOR MORE INFORMATION
- T. ALL WALLS TO EXTEND TO UNDERSIDE OF FLOOR/ROOF DECK U.N.O.
- U. "TYPICAL" (OR TYP.) AS USED IN THESE DOCS SHALL MEAN THAT THE CONDITION IS THE SAME OR REPRESENTATIVE FOR ALL SIMILAR CONDITIONS U.N.O
- V. ALL PARTITION PENETRATIONS SHALL BE FIELD VERIFIED & BRACED & SEALED AS REQUIRED
- W. CONTRACTOR SHALL COORDINATE MILLWORK INSTALLATION & PROVIDE BLOCKING AS REQUIRED FOR THE SUPPORT OF SUCH MILLWORK TYP.
- X. PROVIDE PROPER PREPARATION TO ALL SURFACES TO RECEIVE NEW FINISHES
- Y. GC RESPONSIBLE FOR VERIFYING NEW WALLS DO NOT INTERFERE WITH ANY ABOVE CEILING MEP UNITS/DEVICES AND MAINTENANCE ACCESS TO THEM. IF A CONFLICT ARISES, IMMEDIATELY CONTACT THE ARCHITECT AND BUILDING MANAGEMENT/ENGINEERING BEFORE FRAMING WALLS.
- Z. WHERE FLOOR DRAINS ARE REQUIRED (SEE PLUMBING) PITCH CONCRETE SLAB TO DRAINS 1/8" PER FOOT, TYP, UNLESS NOTED OTHERWISE.
- AA. SEE TENANT INTERIOR DRAWINGS (I* DRAWINGS) FOR BALANCE OF G.C. SCOPE OF WORK.
- BB. G.C. TO PROVIDE "KNOX BOX" AS REQUIRED FOR LOCAL FIRE DEPARTMENT. LOCATE AS REQUIRED.

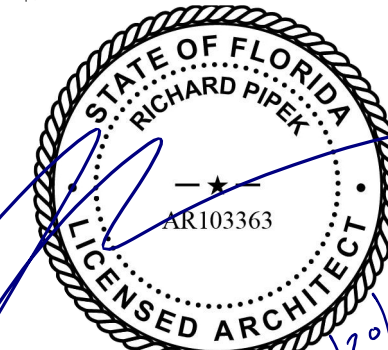
FLOOR PLAN LEGEND:

-  GYP. BD. CONTROL JOINT LOCATION. PROVIDE AT CORNERS OF DOORS & WINDOWS. SPACE ADDITIONAL CONTROL JOINTS AT MAX 50' O.C. DO NOT LOCATE CONTROL JOINTS IN AREAS SCHEDULE TO RECIEVE VINYL WALL GRAPHICS.
-  STL POST
PROVIDE HSS 3-1/2"x 3-1/2"x 3/16"x 6'-0" TALL STEEL TUBE POSTS WITH 10"x5"x3/8" BASE PLATE. CENTER POST ON PLATE EACH WAY AND ATTACH WITH 1/4" FILLET WELD ALL AROUND. ACHOR POSTS TO FLOOR WITH (4) 1/2" DIA. HILTI-HIT-Z ANCHERS WITH HILTY-HY 200 EPOXY, WITH MIN. 5" EMBED, OR APPROVED EQUAL. CONNECT POST STRUCTURALLY TO WALL FRAMING.



1
A5.1 A3.1
1/8" = 1'-0"

Richard Pipek



ISSUED FOR:
BID SET 03-15-24
CB #2 08-16-24

SHEET TITLE:

CONSTRUCTION
PLAN

STORE NAME:
LA-Z-BOY -
VERO BEACH

USABLE SQUARE FOOTAGES:
TOTAL BLDG. 15,886 SF
STOCK ROOM 505 SF
SHOW ROOM 13,789 SF
RESTROOMS 160 SF
OTHER 1,432 SF

SHEET NO.
A3.1

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LA Z BOY
HOME FURNISHINGS & DÉCOR
6366 20TH STREET
VERO BEACH, FL 32966

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Project No. 23-053
Drawn By CK/ML
Original Issue Date 3/15/2024

FOR CONSTRUCTION

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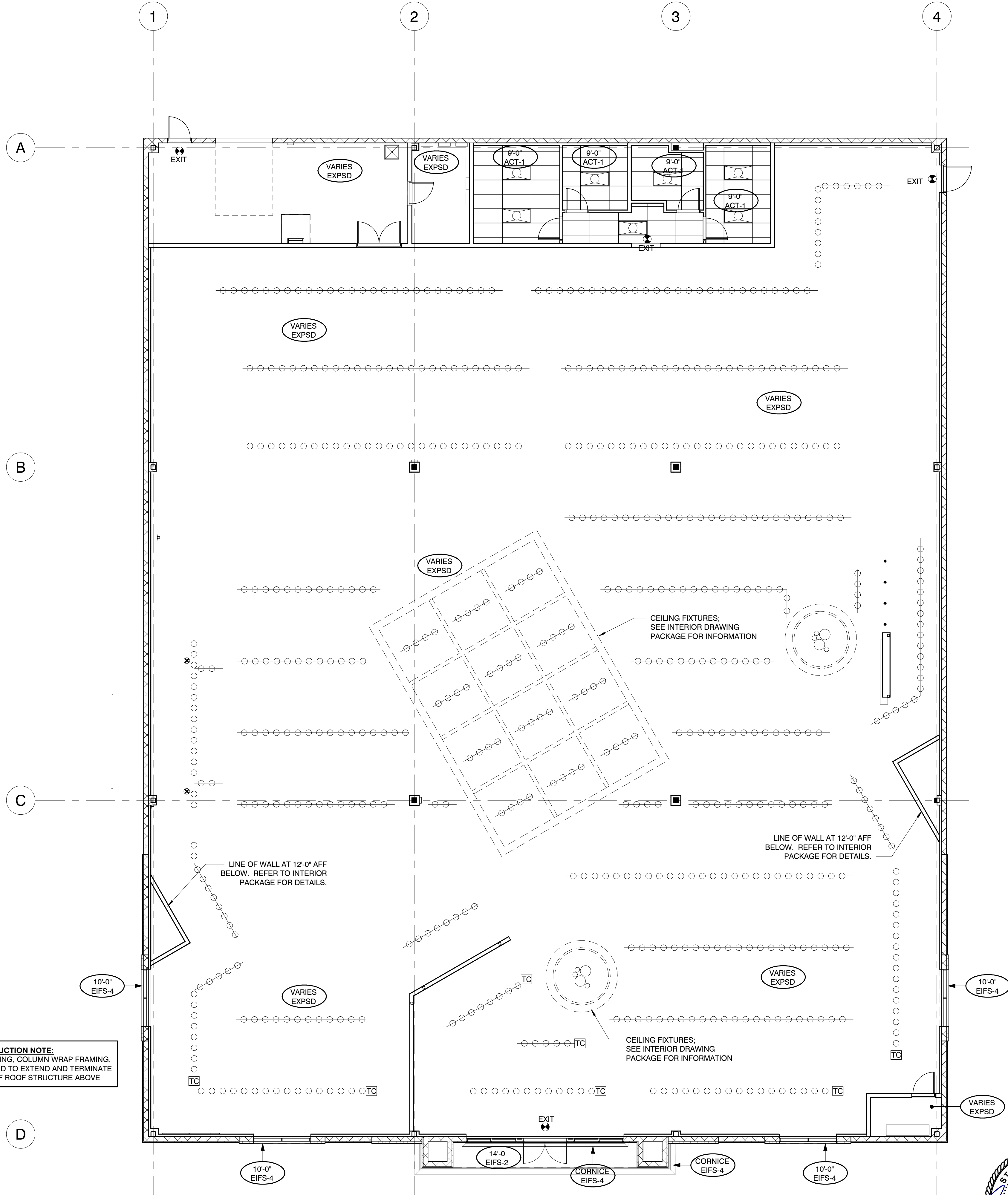
REFLECTED CEILING PLAN GENERAL NOTES:

- A. THIS DRAWING INDICATES THE GENERAL LOCATION OF FIXTURES, ARCHITECTURAL DETAILS AND FINISHES. REFER TO ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION AND SPECIFICATIONS.
- B. SEE FINISH SCHEDULE, FINISH PLANS, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- C. ALL CEILING TILE TO BE CENTERED IN BOTH DIRECTIONS IN EACH ROOM OR SPACE U.N.O.
- D. SEE ELECTRICAL DRAWINGS FOR FIXTURE LOCATIONS. VERIFY MOUNTING HEIGHTS OF DECORATIVE FIXTURES WITH ARCHITECT PRIOR TO INSTALLATION.
- E. ALL DOWN LIGHTS AND WALL WASHERS TO BE CENTERED IN CEILING TILE OR SOFFIT, U.N.O.
- F. SEE MECHANICAL DRAWINGS FOR DUCT AND EQUIPMENT LAYOUT.
- G. COORDINATE LOCATION OF ELECTRICAL FIXTURES, MECHANICAL GRILLES AND DIFFUSERS, SPRINKLER HEADS, AND OTHER CEILING MOUNTED ITEMS, NOTIFY ARCHITECT OF CONFLICTS PRIOR TO FINAL INSTALLATION.
- I. EXIT AND EXIT ACCESS DOORS SHALL BE MARKED BY EXIT SIGNS. EXIT SIGNS SHALL COMPLY WITH IBC 1013.1. PROVIDE ABILITY TO PROVIDE 90 MINUTE OF CONTINUOUS ILLUMINATION IN CASE OF POWER LOSS.

CEILING KEY:

- (9'-0") DESIGNATES CEILING HEIGHT ABOVE FINISHED FLOOR
2x4" LAY-IN ACOUSTICAL CEILING TILE MANUFACTURED BY ARMSTRONG: FINE FISSURED
ITEM NO.: 1729 A / HUMIGARD PLUS
COLOR: WHITE, MEDIUM TEXTURE
SIZE: 2' x 4' x 5/8"
WARRANTY: 10 YRS. W/O GRID, 15 YRS. WITH GRID
CLASS A: TYPE III, FORM 2, PATTERN CE
SUSPENSION SYSTEM: ARMSTRONG PRELUDE
COLOR: WHITE
(ACT-1) SPECIFICATIONS: 15/16" HOT DIPPED GALVANIZED, ROTARY STITCHED, INTERMEDIATE DUTY EXPOSED TEE GRID.
WARRANTY: 10 YRS.
NOTE: CALL SHERRY BRUNT AT ARMSTRONG WORLD INDUSTRIES, INC. 1-800-442-4212 TO ORDER ABOVE ITEMS AT LA-Z-BOY NATIONAL PRICING.
- (EXPSD) DESIGNATES EXPOSED STRUCTURE CEILING. CEILING TO BE PAINTED OUT PER LZB INTERIOR SERIES DRAWINGS, INCLUDING, BUT NOT LIMITED TO: DECKING, JOISTS, BEAMS, CONDUITS, AND DUCTWORK.
- (EIFSX) EIFS CEILING. REFER TO ELEVATION FOR COLOR DETAILS.
- (P-X) EXTERIOR PAINT. REFER TO ELEVATION FOR COLOR DETAILS.

WALL CONSTRUCTION NOTE:
ALL WALL FURRING, COLUMN WRAP FRAMING, AND GYP. BOARD TO EXTEND AND TERMINATE WITHIN 2" +/- OF ROOF STRUCTURE ABOVE

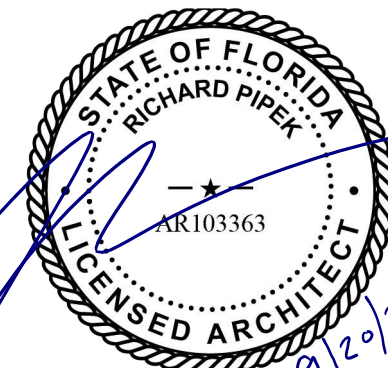


1 FIRST FLOOR REFLECTED CEILING PLAN

A5.1 A3.2
1/8" = 1'-0"

Richard Pipek

Digitally signed by Richard Pipek
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o=studio architecture,
ou=VERO BEACH, c=US
Date: 2024.09.20 15:16:00-05'



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Project No. 23-053
Drawn By TM
Original Issue Date 3/15/2024

FOR CONSTRUCTION

LA Z BOY
HOME FURNISHINGS & DÉCOR
6366 20TH STREET
VERO BEACH, FL 32966

ISSUED FOR:
BID SET
03-15-24

SHEET TITLE:
**REFLECTED
CEILING PLAN**

STORE NAME:
**LA-Z-BOY -
VERO BEACH**

USABLE SQUARE FOOTAGES:
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STOCK ROOM 505 SF
SHOW ROOM 13,789 SF
RESTROOMS 160 SF
OTHER 1,432 SF

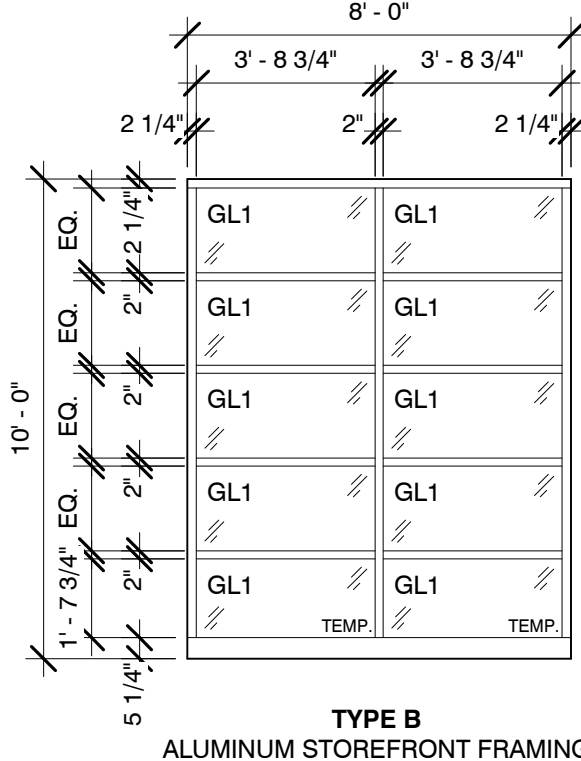
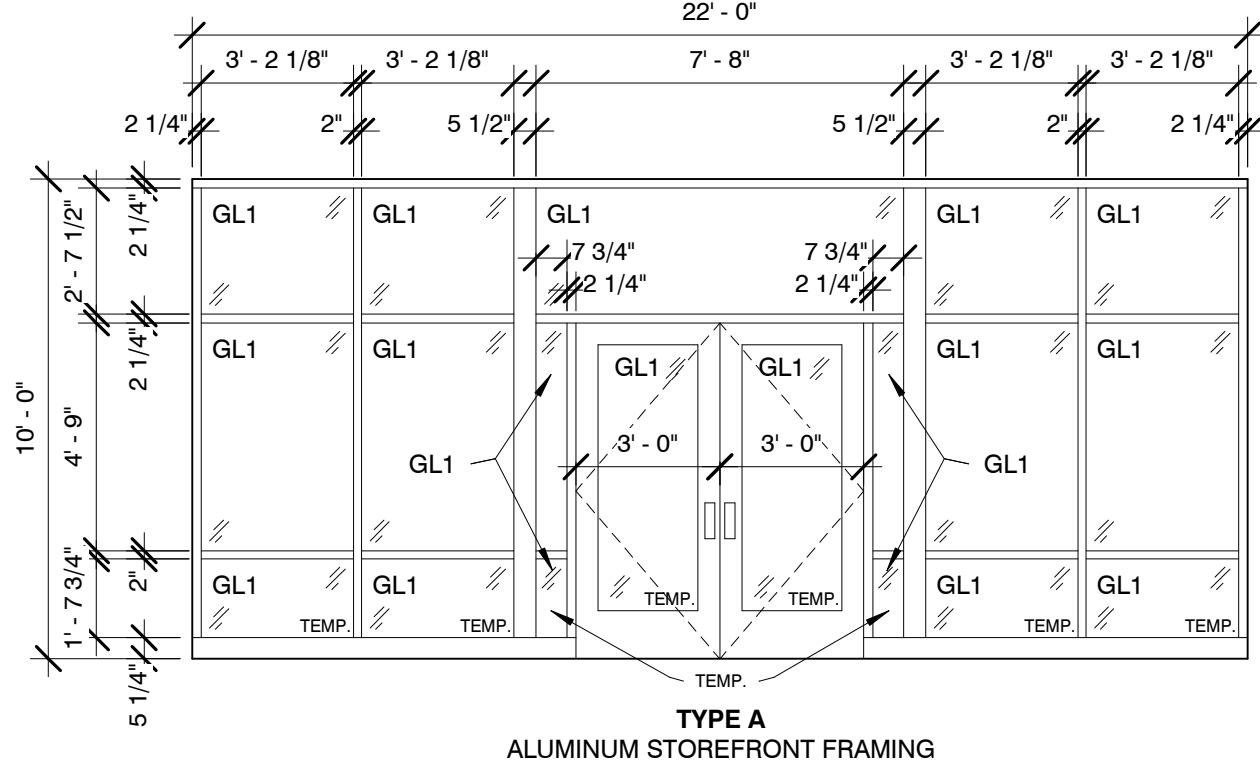
SHEET NO.
A3.2

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EXTERIOR GLAZING TYPES

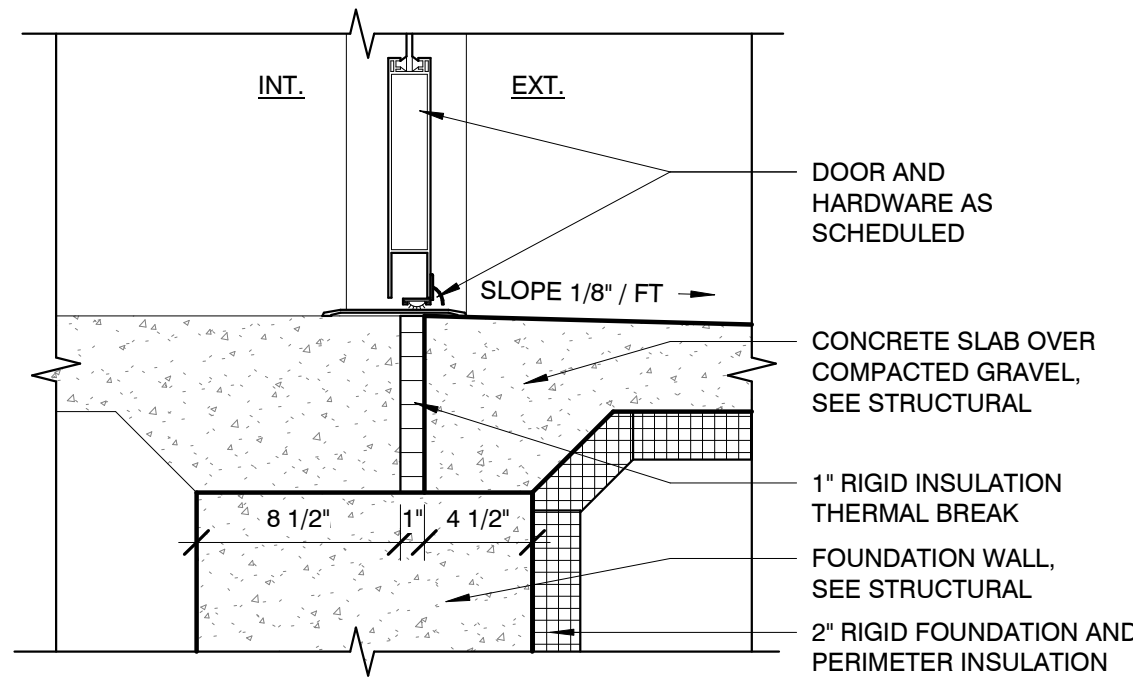
GL1 - ARCHITECTURAL GLASS

PRODUCT: 1" LOW-E INSULATED & IMPACT RESISTANT GLASS
MAKEUP OF IGU: 1/4" TEMPERED GLAZING, 5/8" FILLED AIRSPACE, LAMINATED GLASS (2 LAYERS OF 3/16" HEAT- STRENGTHENED GLASS WITH 0.060" PVB INTERLAYER) - VERIFY IGU MAKEUP WITH TESTED SYSTEM SELECTED.
CLEAR + CLEAR w/SOLARBAN 60
COLOR: U VALUE (MAX.): .29 (CHECK VALUES)
VLT: 68% (CHECK VALUES)
SHGC (MAX.): .25 (CHECK VALUES)



2 THRESHOLD DETAIL

1 1/2" = 1'-0"



DOOR AND FRAME SCHEDULE															
Door #	Door						Frame						Hardware	Comments	Revision
	Width	Height	Thickness	Material	Type	Finish	Material	Type	Finish	Detail					
										Head	Jamb				
101A	6'-0"	7'-0"	1 3/4"	ALUM	BB										
101B	3'-0"	7'-0"	1 3/4"	HM	A										
101C	3'-6"	7'-0"	1 3/4"	HM	B	PAINT	HM	B	PAINT	H3	J3	2	FULLY INSULATED ASSEMBLY		
103	3'-0"	7'-0"	1 3/4"	HM	A	PAINT	HM	A	PAINT	H1	J1	4			
104	3'-0"	7'-0"	1 3/4"	HM	A	PAINT	HM	A	PAINT	H1	J1	5			
105	3'-0"	7'-0"	1 3/4"	HM	A	PAINT	HM	A	PAINT	H1	J1	5			
106	3'-0"	7'-0"	1 3/4"	HM	A	PAINT	HM	A	PAINT	H1	J1	6			
107	3'-0"	7'-0"	1 3/4"	HM	A	PAINT	HM	A	PAINT	H1	J1	3			
108A	3'-0"	9'-0"	1 3/4"	HM	AA	PAINT	HM	A	PAINT	H2	J2	7	DOUBLE 3'-0" DOORS - TOTAL 6'-0" WIDE.		
108B	3'-0"	7'-0"	1 3/4"	HM	A	PAINT	HM	A	PAINT						
108C	8'-0"	10'-0"	1 3/4"	STEEL	C	PREFIN.	STEEL	--	--	H4	J4	8	FULLY INSULATED ASSEMBLY		

*PREFIN. = PRE-FINISHED COLOR TO MATCH COLOR SW7508 TAVERN TAUPE.
SUBMIT FOR FINAL APPROVAL OF COLOR BY LA-Z-BOY.

GENERAL DOOR AND HARDWARE NOTES:

- A. VERIFY LEVER STYLE WITH OWNER PRIOR TO APPROVAL.
B. CONFIRM ALL KEYING WITH OWNER PRIOR TO ORDERING CYLINDERS.
C. ITEMS OF HARDWARE NOT DEFINITELY SPECIFIED HEREIN, BUT NECESSARY FOR COMPLETION OF THE WORK SHALL BE PROVIDED.
D. ALL HARDWARE TO MEETING CURRENT ICC A117.1-2009 REQUIREMENTS.
E. ALL DOORS SHALL BE LEVER TYPE. CONTROLS AND OPERATION MECHANISMS SHALL BE OPERABLE WITH ONE AND HSALL NOT REQUIRE THIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NOT GREATER THAN SLBF FOR INTERIOR DOORS AND 8.5 LBF FOR EXTERIOR DOORS.
F. OPERABLE PARTS SUCH AS HARDWARE SHALL BE 34" MIN AND 48" MAX ABOVE FINISHED FLOOR WITH EXCEPTIONS TO LOCKS USED ONLY FOR SECURITY PRUPOSES AND NOT USED FOR NORMAL OPERATION.
G. ALL HARDWARE FOR NON-ALUMINUM DOORS TO BE BRUSHED NICKEL CHROME FINISH (US32D), COMMERCIAL GRADE TYPE 2.

MANUFACTURER LEGEND:

ALL PRODUCTS LISTED ARE TO ESTABLISH QUALITY. OTHER MANUFACTURERS ARE SUBJECT TO APPROVAL BY ARCHITECT.
MK - MCKINNEY
PE - PEMKO
RO - ROCKWOOD
YA - YALE
AD - ADAMS RITE
RF - RIXSON
NO - NORTON

DOOR HARDWARE

HARDWARE SET 1

2	EA	CONTINUOUS HINGE	FM-SLI	PE
2	EA	CONC.	8600 W/ MATCHING	YA
		VERT ROD EXIT	END CAPS-US32D	AD
1	EA	RIM CYLINDER	1193 KA	YA
2	EA	PULL	RM201 MTG-TYPE 12xHD	RO
2	EA	CONC. OH STOP	6-X36	RF
2	EA	SURFACE CLOSER	J8501	NO
2	EA	DROP PLATE	8148	NO
1	EA	THRESHOLD	1715AK	PE
2	EA	SWEEP	29326CNB TKSP8	PE
1	SET	WEATHERSTRIP	INTEGRAL WITH ALUM. FRAME AND DOOR ASSEMBLY	RF

HARDWARE SET 2

3	EA	HINGES	TA2314 x NRP 4-1/2"x 4-1/2"	MK
1	EA	EXIT DEVICE	7150(F)WS A-36 621F	YA
		W/"ALARM WILL SOUND DECAL"		
1	EA	MORTISE CYLINDER	2196 KA	YA
1	EA	RIM CYLINDER	1193 KA	YA
1	EA	VANDAL RESIST. TRIM	VRT22 C	RO
1	EA	CLOSER	CLP8501	NO
1	EA	RAIN GUARD	346C TKSP8	PE
1	EA	WEATHERSTRIP	2891APK TKSP8	PE
1	EA	THRESHOLD	2005AT	PE
1	EA	DOOR BOTTOM	216BDCFG TKSP8	PE
1	EA	SEALS	S88D	PE

HARDWARE SET 2A

SAME AS HARDWARE SET 2 WITH THE FOLLOWING UPDATES:				
1	EA	EXIT DEVICE	7150(F)WS-36 621F	YA
1	EA	WIRELESS PLUG IN CHIME COMMERCIAL ENTRANCE ALERT,		
		MODEL CE-6880 BY IQ AMERICA.		

HARDWARE SET 3

3	EA	HINGES	MPB79 4-1/2"x 4-1/2"	MK
1	EA	STOREROOM LOCK	AU 5305LN 1210	YA
		PREP LESS CORE		
1	EA	CLOSER	CLP8501	NO
1	EA	KICKPLATE	K1050 10"x 2" LDW BE CSK	RO

HARDWARE SET 4

3	EA	HINGES	MPB79 4-1/2"x 4-1/2"	MK
1	EA	PASSAGE SET	AU 5301LN	YA
1	EA	KICKPLATE	K1050 10"x 2" LDW BE CSK	RO
1	EA	WALLSTOP	409	RO

HARDWARE SET 5

3	EA	HINGES	MPB79 4-1/2"x 4-1/2"	MK
1	EA	PRIVACY SET	AU 5302LN	YA
1	EA	CLOSER	CLP8501	NO
1	EA	KICKPLATE	K1050 10"x 2" LDW BE CSK	RO
1	EA	WALLSTOP	409	RO

HARDWARE SET 6

3	EA	HINGES	MPB79 4-1/2"x 4-1/2"	MK
1	EA	PASSAGE SET	AU 5301LN	YA
1	EA	CLOSER	CLP8501	NO
1	EA	KICKPLATE	K1050 10"x 2" LDW BE CSK	RO
1	EA	WALLSTOP	409	RO

HARDWARE SET 7

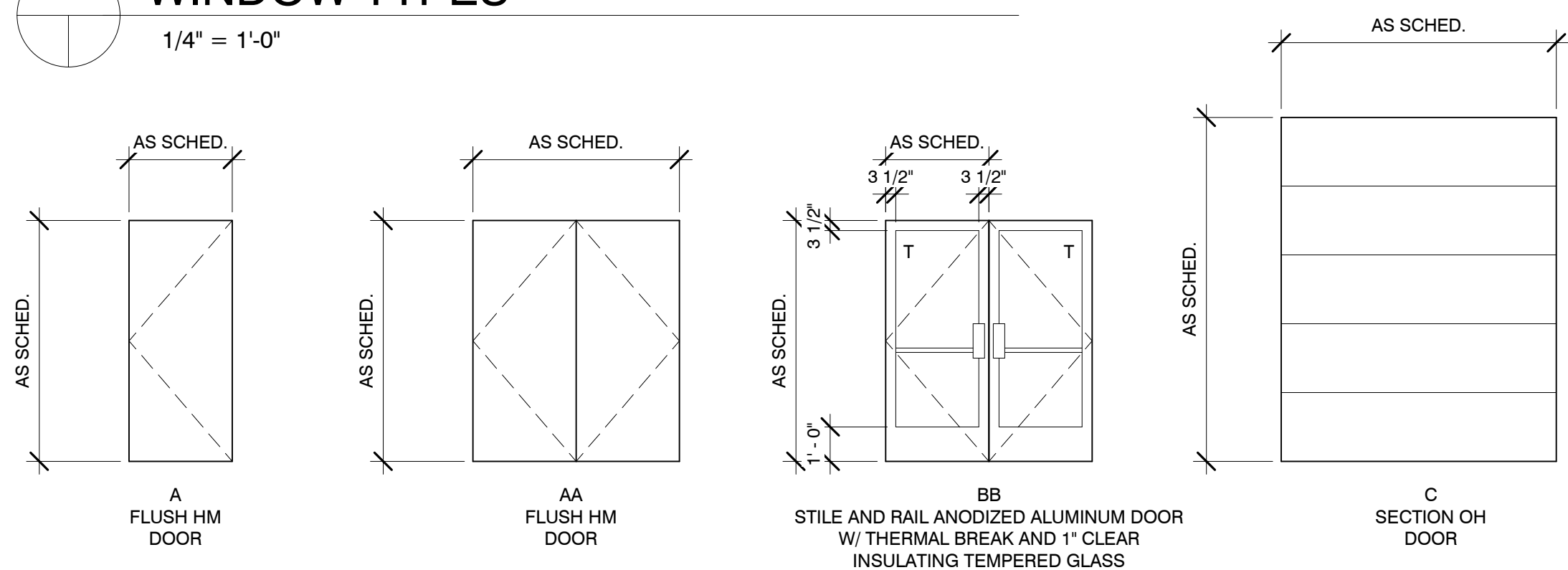
STOCKROOM DOOR				
8	EA	HINGES	MPB79 4-1/2"x 4-1/2"	MK
1	EA	AUTO FLUSH BOLT	2842	RO
1	EA	PASSAGE SET	AU 5301LN	YA
1	EA	DUMMY SET	AU 355LN-D	YA
1	EA	COORDINATOR	1700 x WEAR PLATES	YA
2	EA	OH HOLDER	10X26	RF
2	EA	CLOSER	CLP8501	NO
2	EA	KICKPLATE	K1050 10"x 2" LDW BE CSK	RO
1	EA	WALLSTOP	406	RO

HARDWARE SET 8

OH SECTIONAL DOOR				
FACTORY SLIDE BOLT W/ INTERLOCK TO AUTOMATIC OPERATOR 3-BUTTON OPERATOR, INTERIOR MOUNT BESIDE DOOR.				

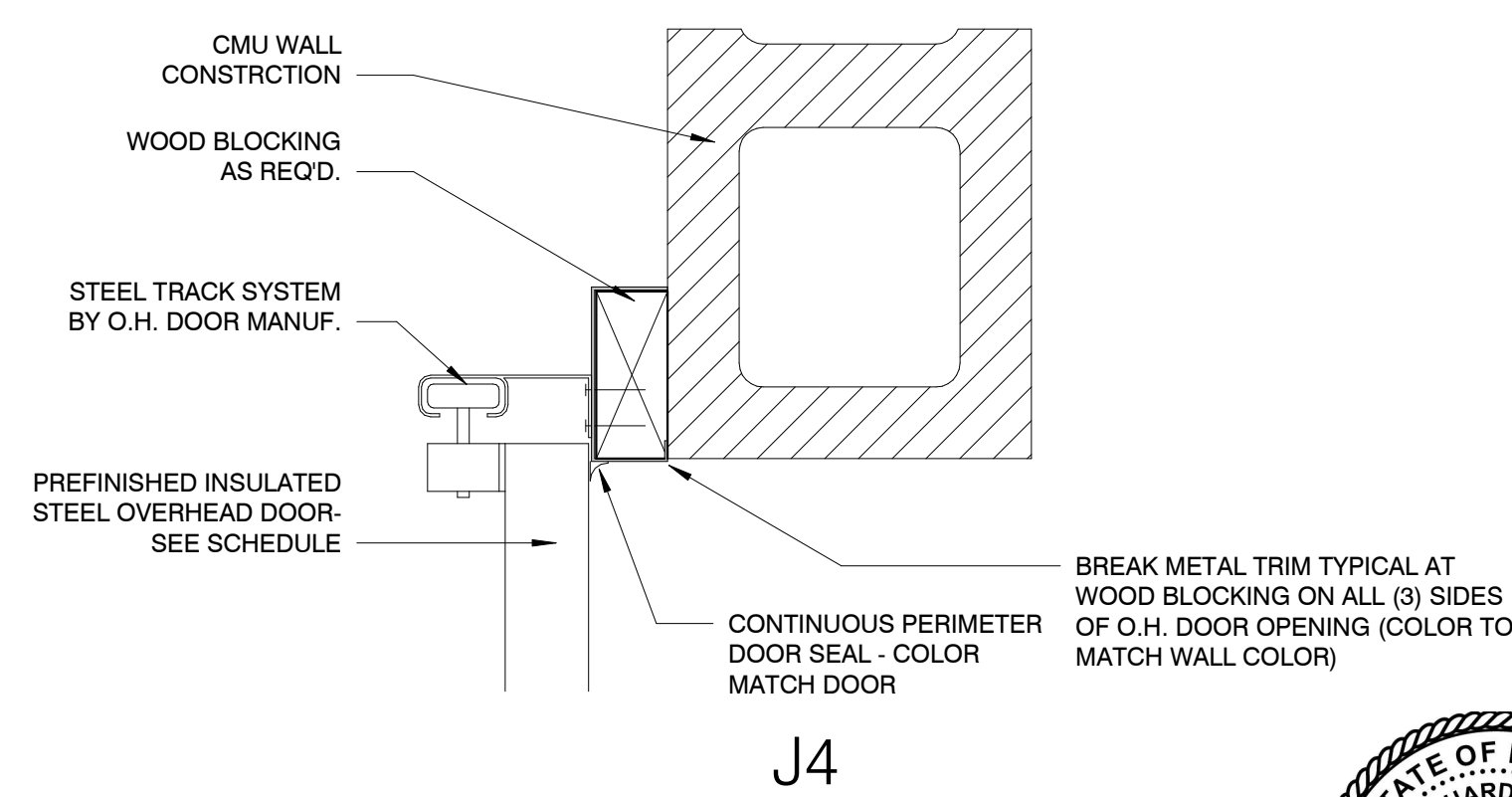
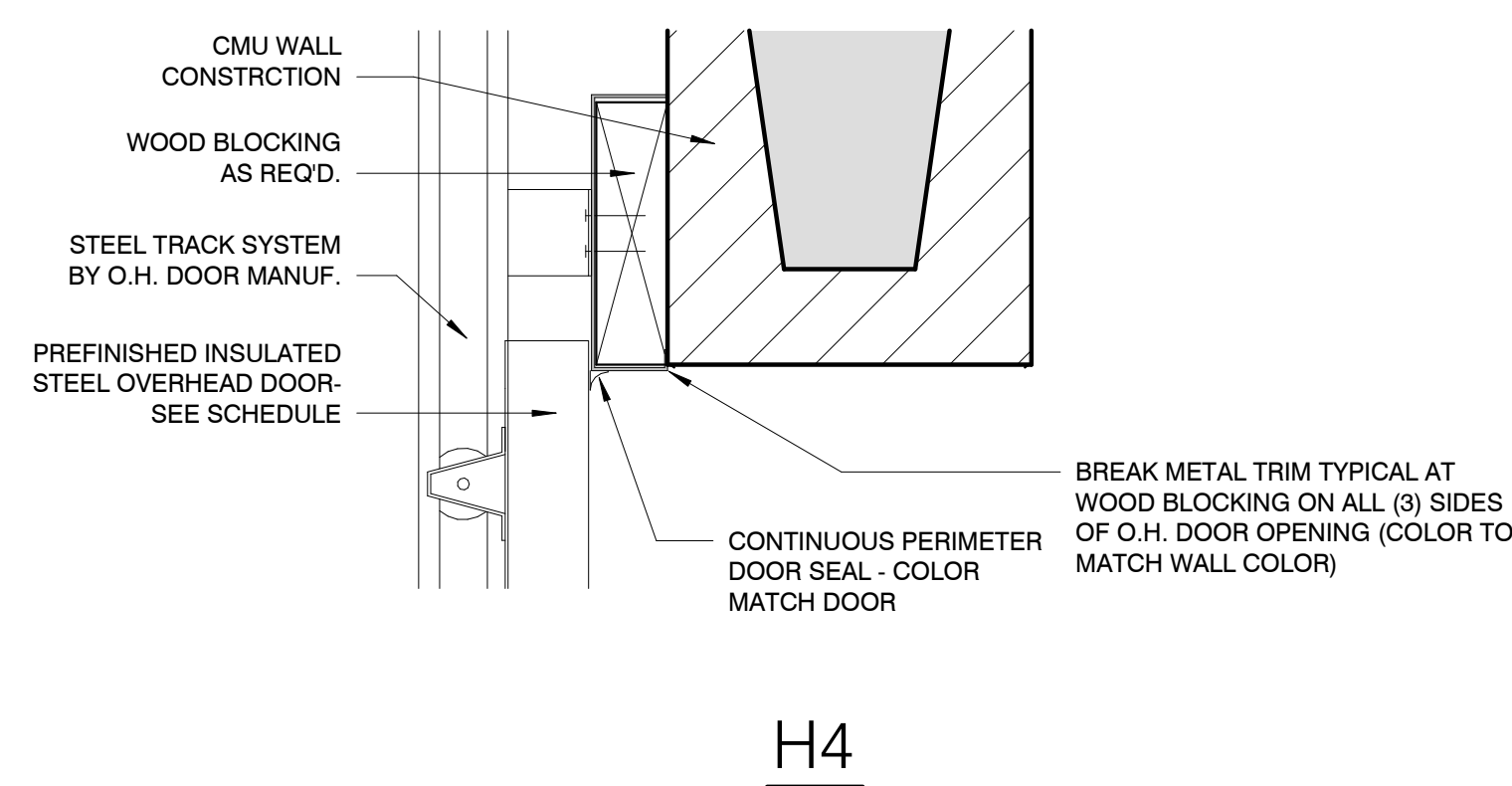
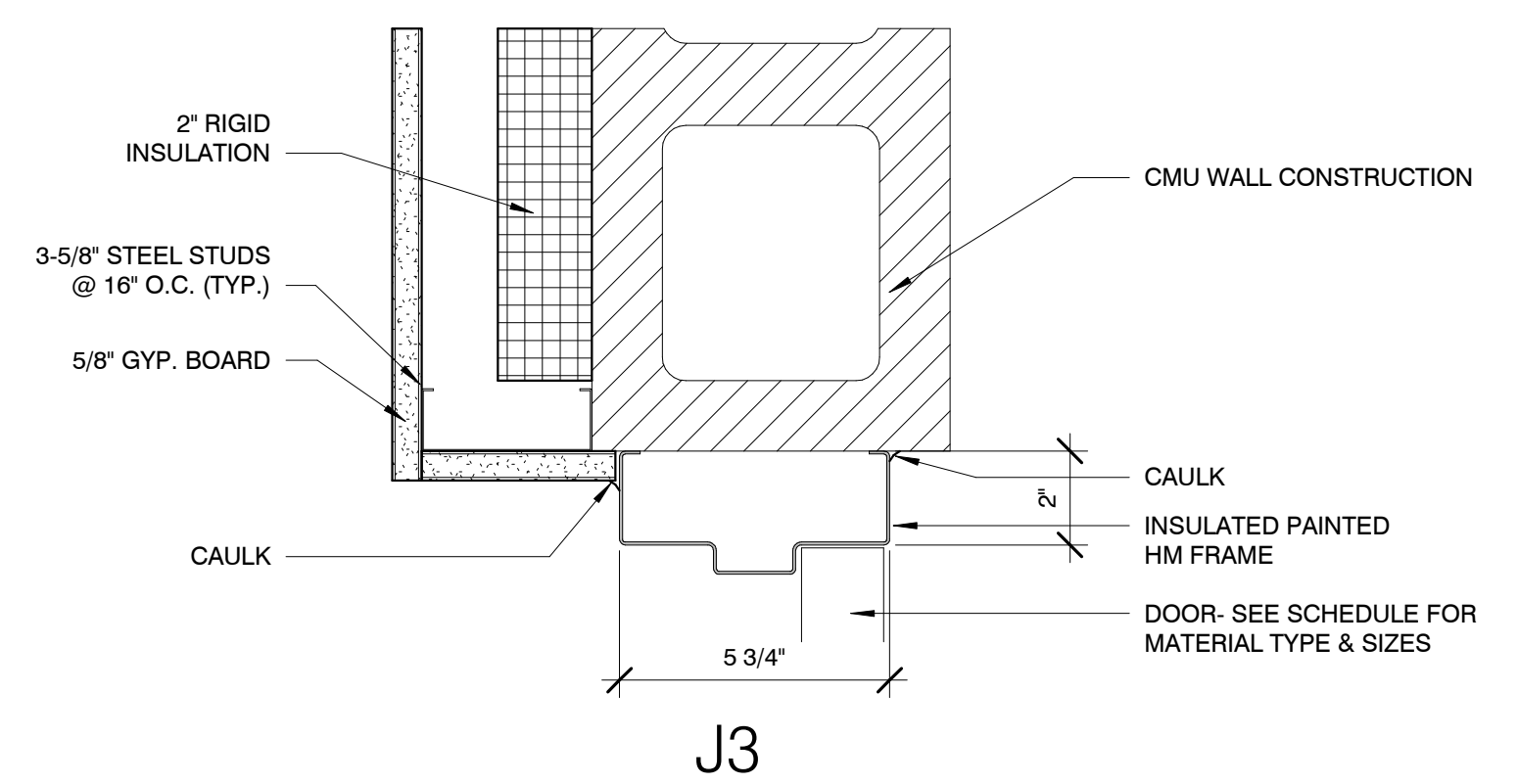
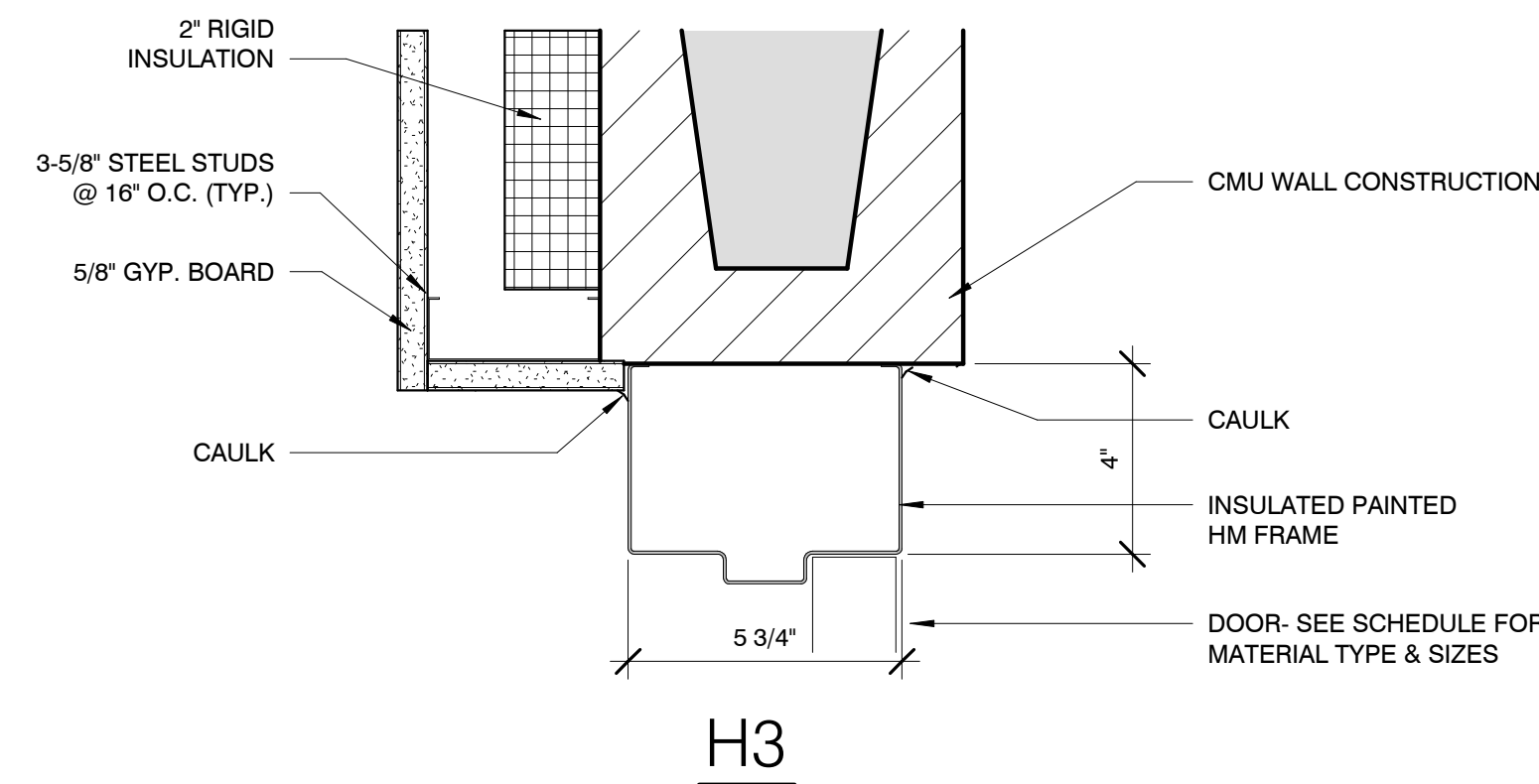
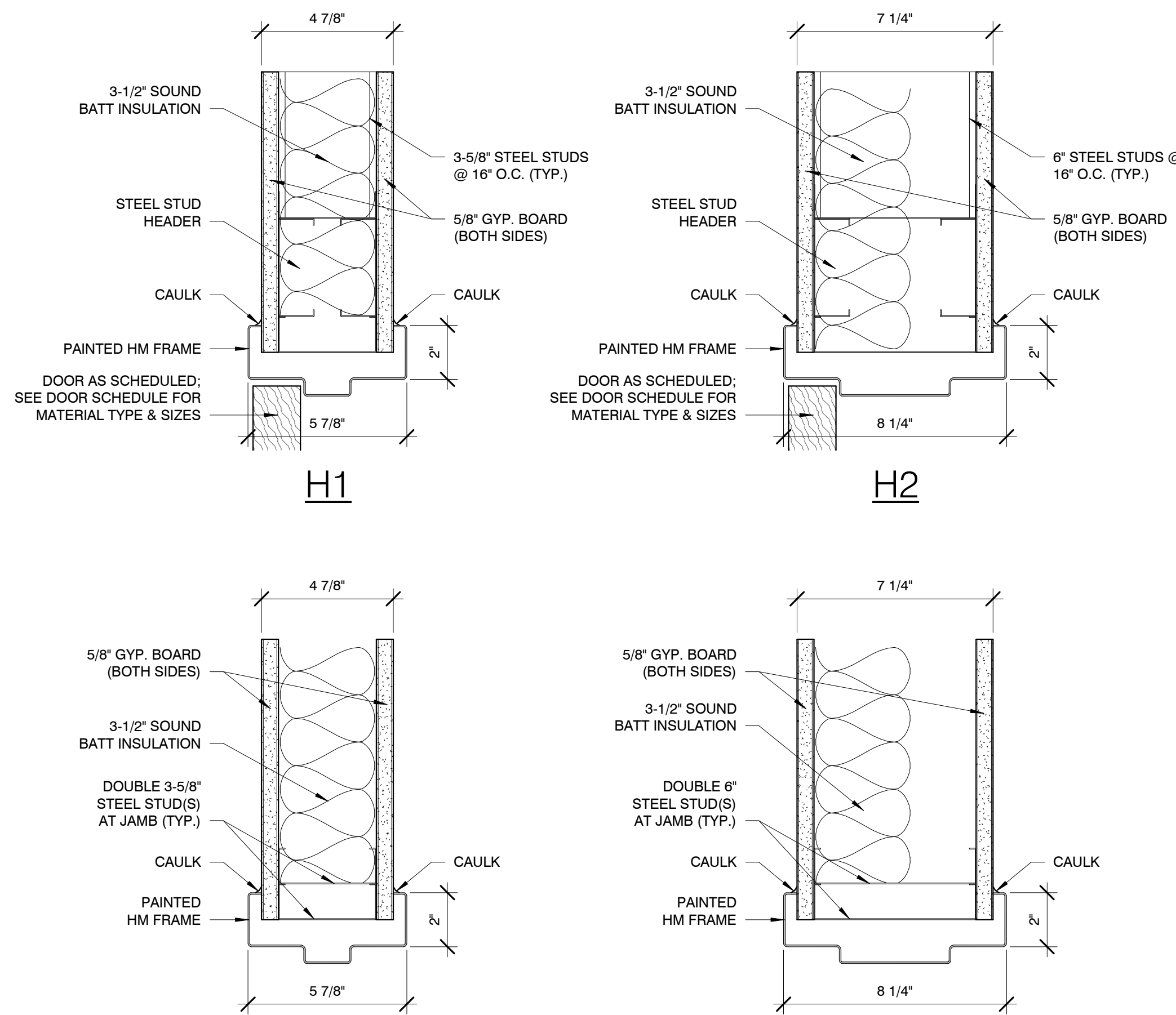
WINDOW TYPES

1/4" = 1'-0"



DOOR & FRAME TYPES

1/4" = 1'-0"

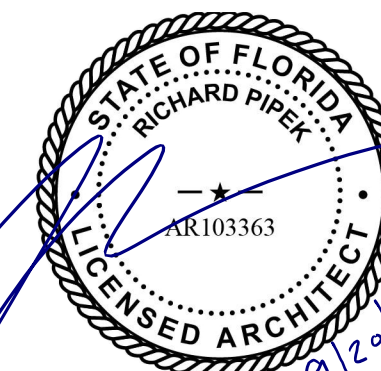


1 HEAD AND JAMB DETAILS - Steel & Block

3" = 1'-0"

Richard Pipek

Digitally signed by Richard Pipek
DN: cn=Richard Pipek,
c=US, email=richard@richardpipek.com,
ou=Richard Pipek, o=Richard Pipek
Date: 2024.03.20 15:21:16 -0500



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USABLE SQUARE FOOTAGES:
TOTAL BLDG. 15,886 SF
STOCK ROOM 505 SF
SHOW ROOM 13,789 SF
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STORE NAME:
LA-Z-BOY -
VERO BEACH

DOOR
SCHEDULE,
TYPES AND
DETAILS

ISSUED FOR:
BID SET 03-15-24
CB #2 08-16-24
ADDENDUM #1 04-26-24

HOME FURNISHINGS & DÉCOR
6366 20TH STREET
VERO BEACH, FL 32966

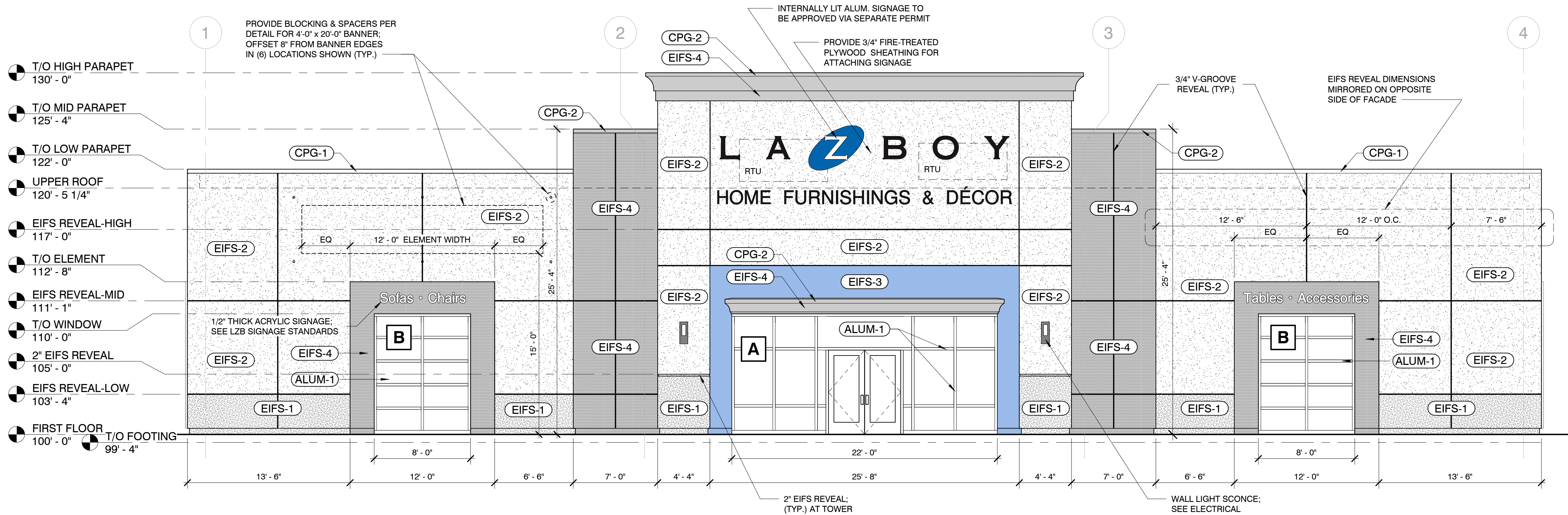
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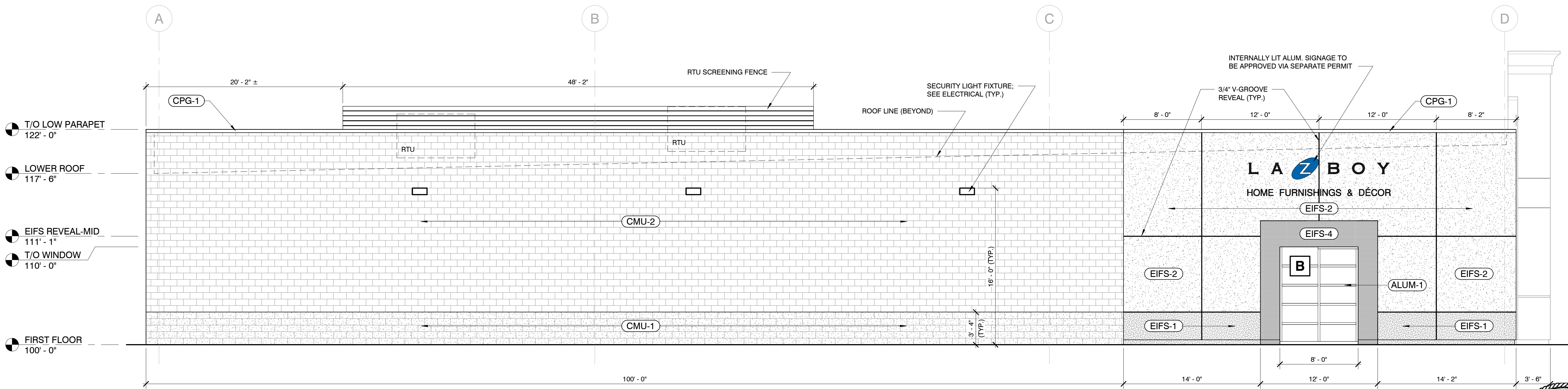
Project No. 23-053 Drawn By TM Original Issue Date 3/15/2024

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KEY SCHEDULE - ELEVATION FINISHES			
CODE	MATERIAL TYPE	LOCATION	COLOR
ALUM-1	ALUMINUM STOREFRONT	AT FRONT ELEVATION	CLEAR ANODIZED ALUMINUM
CMU-1	INTERGRAL COLOR CMU BLOCK	GENERAL BUILDING FACADE	OLD CASTLE "PUTTY", SMOOTH CONCRETE MASONRY UNIT
CMU-2	INTERGRAL COLOR CMU BLOCK	GENERAL BUILDING FACADE	OLD CASTLE "GLACIER", SMOOTH CONCRETE MASONRY UNIT
CPG-1	METAL COPING	AT MAIN BUILDING WALLS	PAC-CLAD "BONE WHITE"
CPG-2	METAL COPING	AT ACCENT WALL PARAPET	PAC-CLAD "GRAPHITE"
EIFS-1	EXTERIOR INSULATED FINISHING SYSTEM	BUILDING BASE	ANALYTICAL GRAY (SW7051) WITH DRYVIT SANDPEBBLE FINE TEXTURE FINISH WITH STRATOTONE HIGH PERFORMANCE COLORANT
EIFS-2	EXTERIOR INSULATED FINISHING SYSTEM	GENERAL BUILDING FACADE	AESTHETIC WHITE (SW7035) WITH DRYVIT SANDPEBBLE FINE TEXTURE FINISH WITH STRATOTONE HIGH PERFORMANCE COLORANT
EIFS-3	EXTERIOR INSULATED FINISHING SYSTEM	BUILDING ACCENT AT ENTRY	BLUE - LAZB-21-1022S WITH DRYVIT SANDPEBBLE FINE TEXTURE FINISH WITH STRATOTONE HIGH PERFORMANCE COLORANT
EIFS-4	EXTERIOR INSULATED FINISHING SYSTEM	BUILDING ACCENT	ANONYMOUS (SW7046) WITH DRYVIT SANDPEBBLE FINE TEXTURE FINISH WITH STRATOTONE HIGH PERFORMANCE COLORANT
HM-1	HOLLOW METAL DOOR		PAINTED ANONYMOUS (SW7051)
P-1	PAINT NON EIFS ITEMS	AT ENTRY PORTAL SIDES/COLS.	ANALYTICAL GRAY (SW7051) WITH DRYVIT STRATOTONE HIGH PERFORMANCE COLORANT
P-2	PAINT NON EIFS ITEMS	GENERAL BUILDING FACADE	AESTHETIC WHITE (SW7035) WITH DRYVIT STRATOTONE HIGH PERFORMANCE COLORANT
P-3	PAINT NON EIFS ITEMS	BUILDING ACCENT AT ENTRY	BLUE - LAZB-21-1085S WITH DRYVIT STRATOTONE HIGH PERFORMANCE COLORANT
P-4	PAINT NON EIFS ITEMS	BUILDING ACCENT	ANONYMOUS (SW7046) WITH DRYVIT STRATOTONE HIGH PERFORMANCE COLORANT
PFN-1	PRE-FINISHED METAL	DOWNSPOUTS (& GUTTER) AND O.H. DOOR	PRE-FINISHED TO MATCH ANONYMOUS (SW7051)

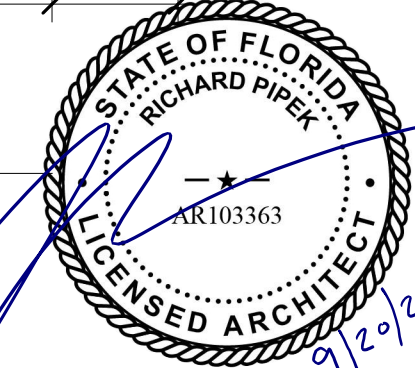


2 SOUTH ELEVATION
A3.1 A5.1
3/16" = 1'-0"



1 WEST ELEVATION
A3.1 A5.1
3/16" = 1'-0"

Richard Pipek



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Original Issue Date 3/15/2024

LA-Z-BOY

HOME FURNISHINGS & DÉCOR

6366 20TH STREET
VERO BEACH, FL 32966

ISSUED FOR:
BID SET
03-15-24

SHEET TITLE:

BUILDING
ELEVATIONS

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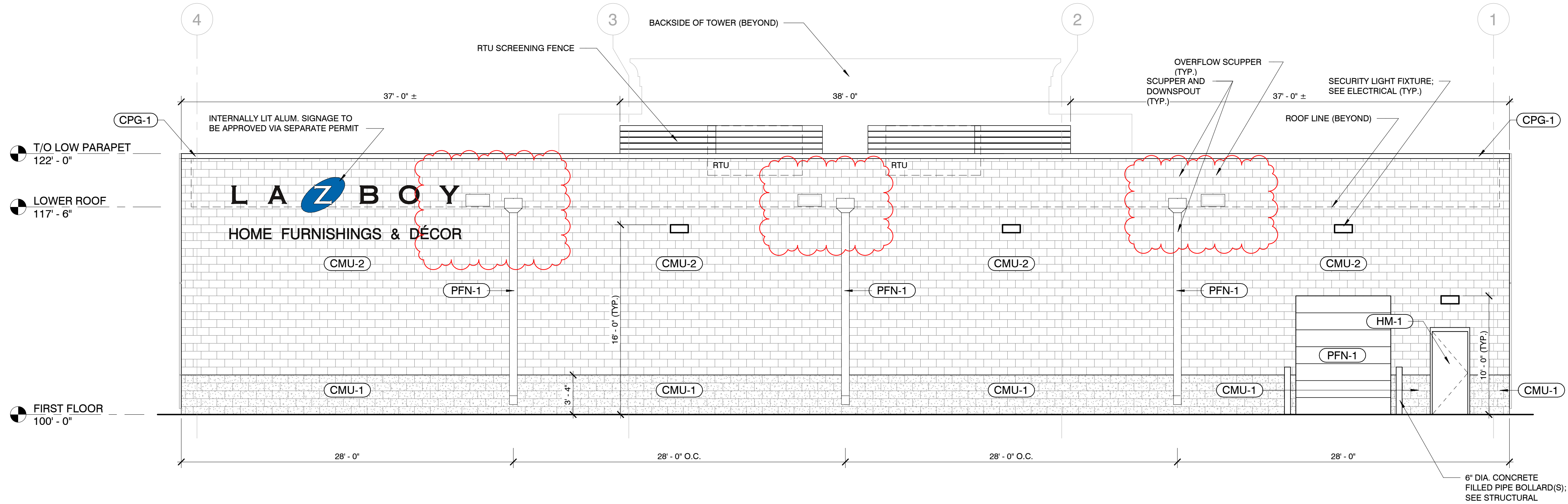
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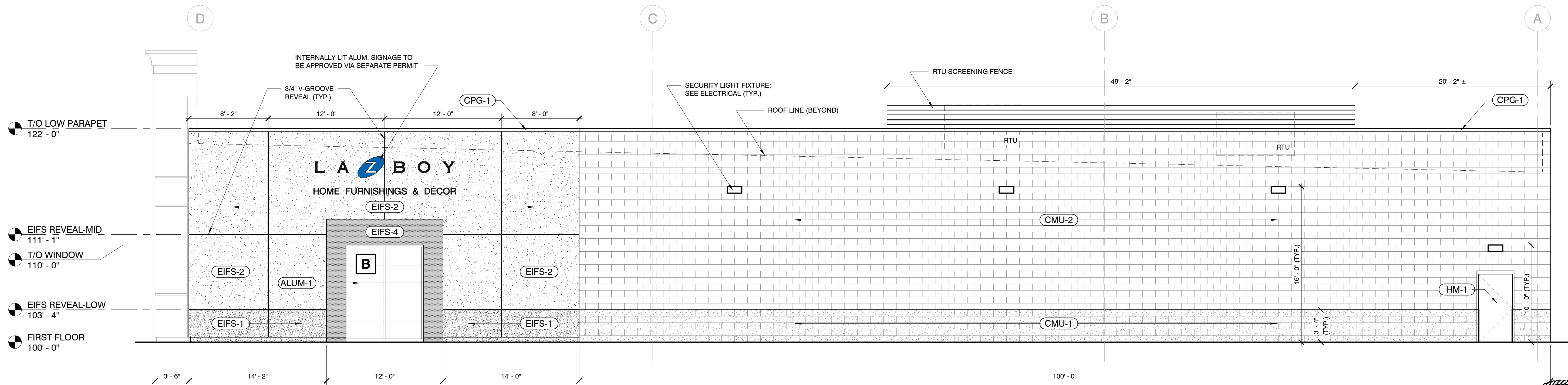
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EIFS-2	EXTERIOR INSULATED FINISHING SYSTEM	GENERAL BUILDING FACADE	AESTHETIC WHITE (SW7035) WITH DRYVIT SANDPEBBLE FINE TEXTURE FINISH WITH STRATOTONE HIGH PERFORMANCE COLORANT
EIFS-3	EXTERIOR INSULATED FINISHING SYSTEM	BUILDING ACCENT AT ENTRY	BLUE - LAZB-21-1022S WITH DRYVIT SANDPEBBLE FINE TEXTURE FINISH WITH STRATOTONE HIGH PERFORMANCE COLORANT
EIFS-4	EXTERIOR INSULATED FINISHING SYSTEM	BUILDING ACCENT	ANONYMOUS (SW7046) WITH DRYVIT SANDPEBBLE FINE TEXTURE FINISH WITH STRATOTONE HIGH PERFORMANCE COLORANT
HM-1	HOLLOW METAL DOOR		PAINTED ANONYMOUS (SW7051)
P-1	PAINT NON EIFS ITEMS	AT ENTRY PORTAL SIDES/COLS.	ANALYTICAL GRAY (SW7051) WITH DRYVIT STRATOTONE HIGH PERFORMANCE COLORANT
P-2	PAINT NON EIFS ITEMS	GENERAL BUILDING FACADE	AESTHETIC WHITE (SW7035) WITH DRYVIT STRATOTONE HIGH PERFORMANCE COLORANT
P-3	PAINT NON EIFS ITEMS	BUILDING ACCENT AT ENTRY	BLUE - LAZB-21-1085S WITH DRYVIT STRATOTONE HIGH PERFORMANCE COLORANT
P-4	PAINT NON EIFS ITEMS	BUILDING ACCENT	ANONYMOUS (SW7046) WITH DRYVIT STRATOTONE HIGH PERFORMANCE COLORANT
PFN-1	PRE-FINISHED METAL	DOWNSPOUTS (& GUTTER) AND O.H. DOOR	PRE-FINISHED TO MATCH ANONYMOUS (SW7051)



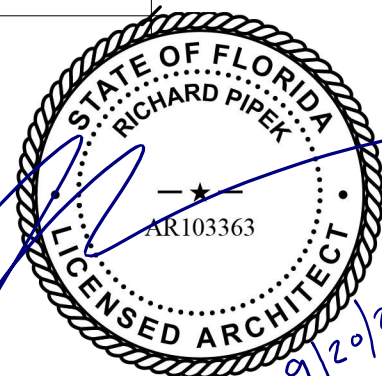
2 NORTH ELEVATION
A3.1 A5.2 3/16" = 1'-0"



1 EAST ELEVATION
A3.1 A5.2 3/16" = 1'-0"

Richard Pipek

Digitally signed by Richard Pipek
DN: cn=Richard Pipek,
ou=Architecture, o=La-Z-Boy, email=richard.pipek@la-z-boy.com,
c=US



ISSUED FOR:
BID SET 03-15-24
CB #2 08-16-24

SHEET TITLE:

BUILDING
ELEVATIONS

STORE NAME:
LA-Z-BOY -
VERO BEACH

USABLE SQUARE FOOTAGES:
TOTAL BLDG. 15,886 SF
STOCK ROOM 505 SF
SHOW ROOM 13,789 SF
RESTROOMS 160 SF
OTHER 1,432 SF

SHEET NO.
A5.2

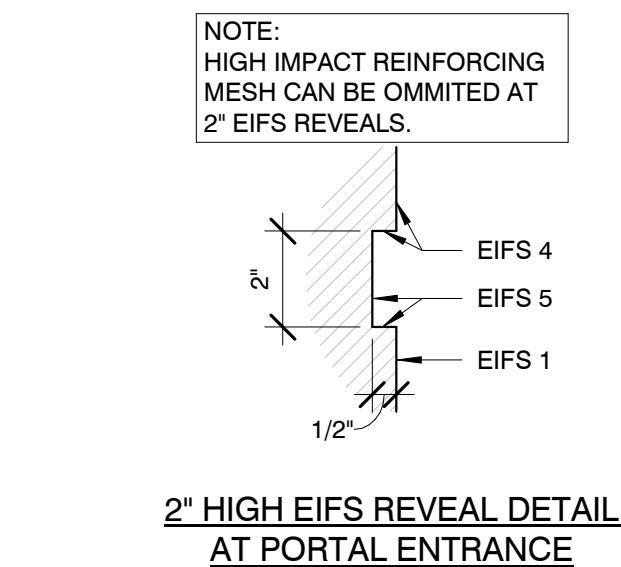
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Project No. 23-053 Drawn By CK/TM Original Issue Date 3/15/2024

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7 TWO PIECE TOWER CROWN
1 1/2" = 1'-0"

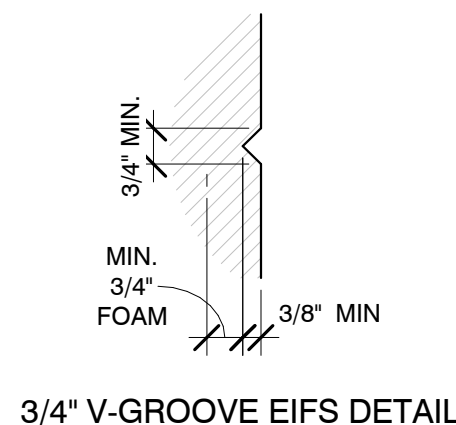


EIFS JOINT GENERAL NOTES

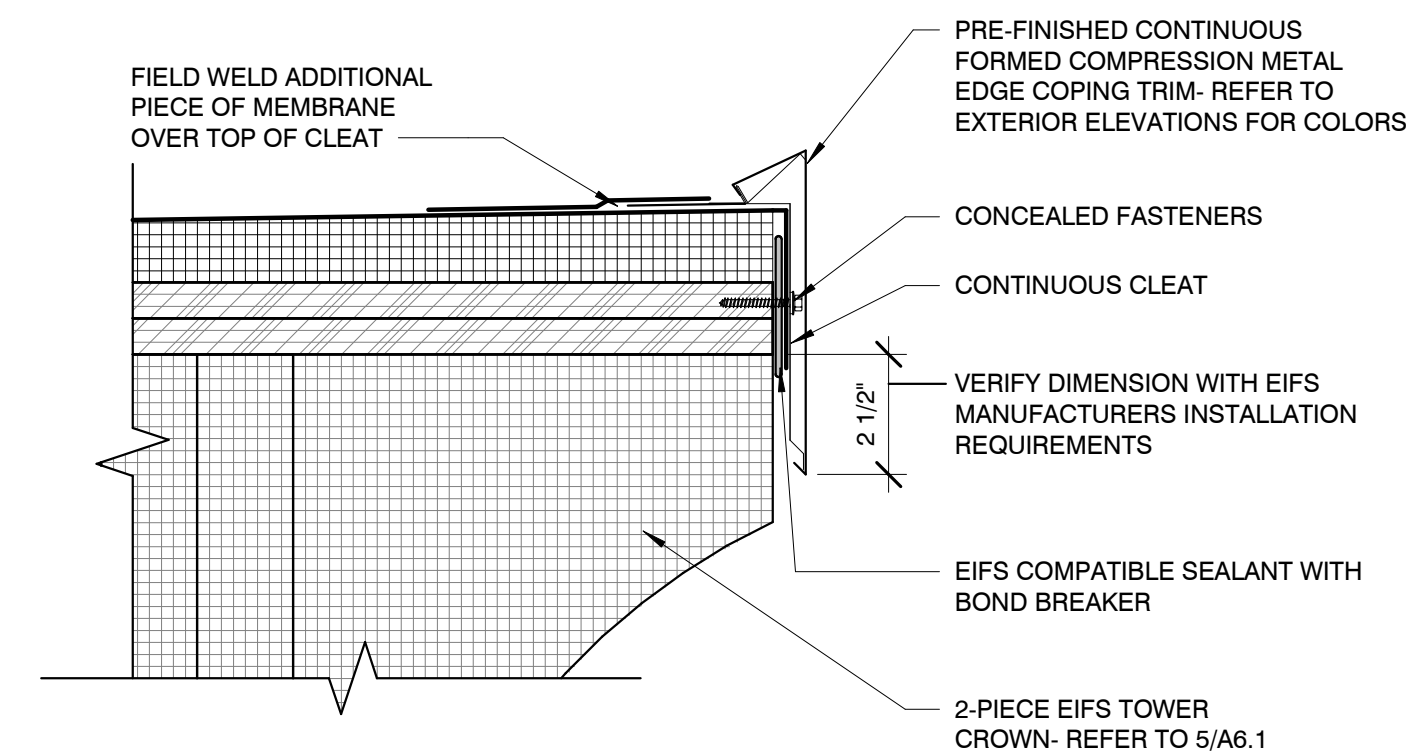
- PROVIDE EXPANSION JOINTS SPACED AS RECOMMENDED BY MANUFACTURER AND AT ALL UNDERLYING EXPANSION OR CONTROL JOINTS IN SUBSTRATE OR WALL ASSEMBLY.
- EXPANSION JOINT WIDTH: 3/4" WITH FULL BED OF BACKER ROD AND COLOR MATCH SEALANT.

LOCATE EIFS EXPANSION JOINTS, WHERE POSSIBLE, AT REGULAR V-GROOVE REVEAL SPACING. REFER TO ELEVATIONS FOR LOCATIONS.

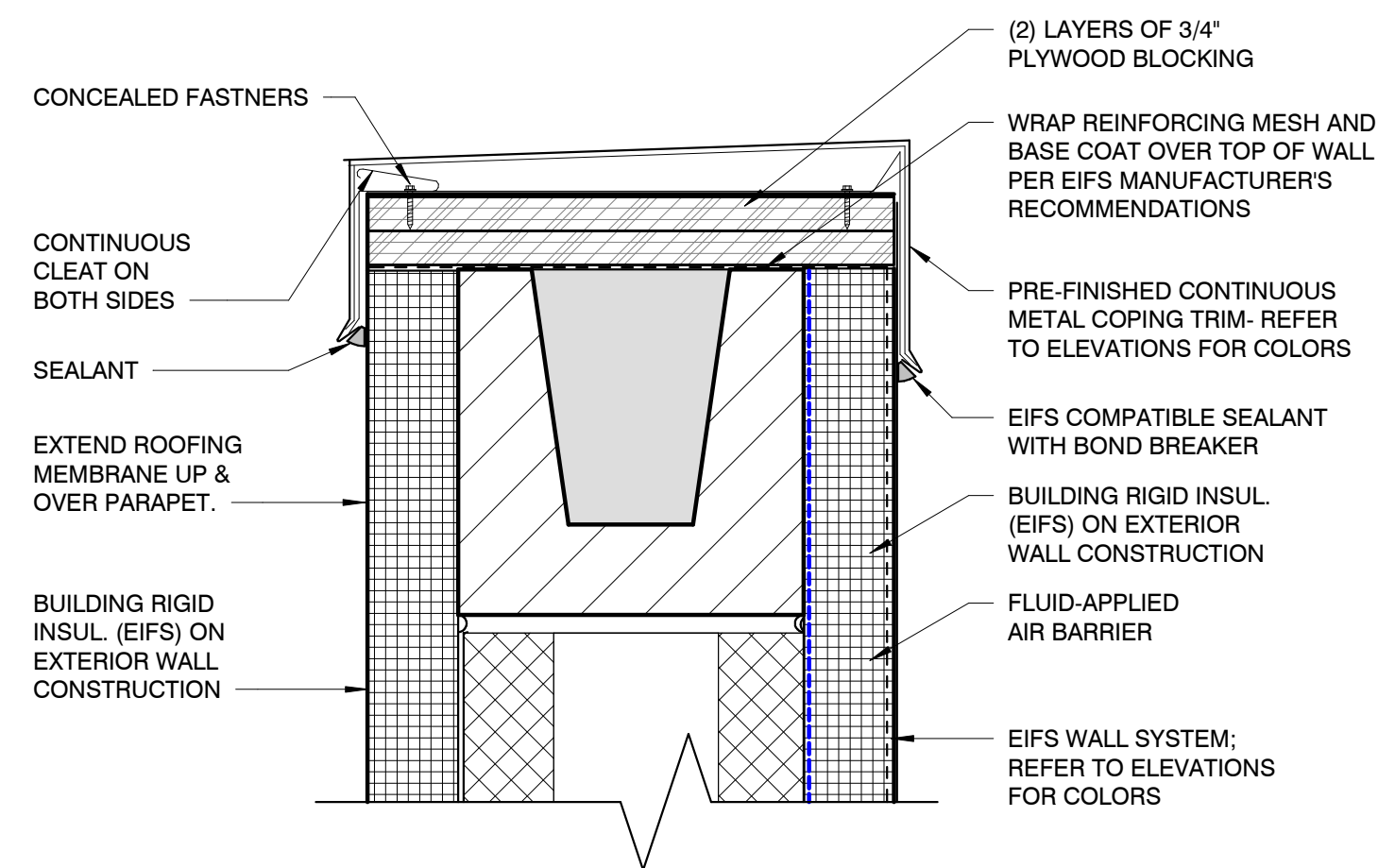
9 EIFS JOINT DETAILS
3" = 1'-0"



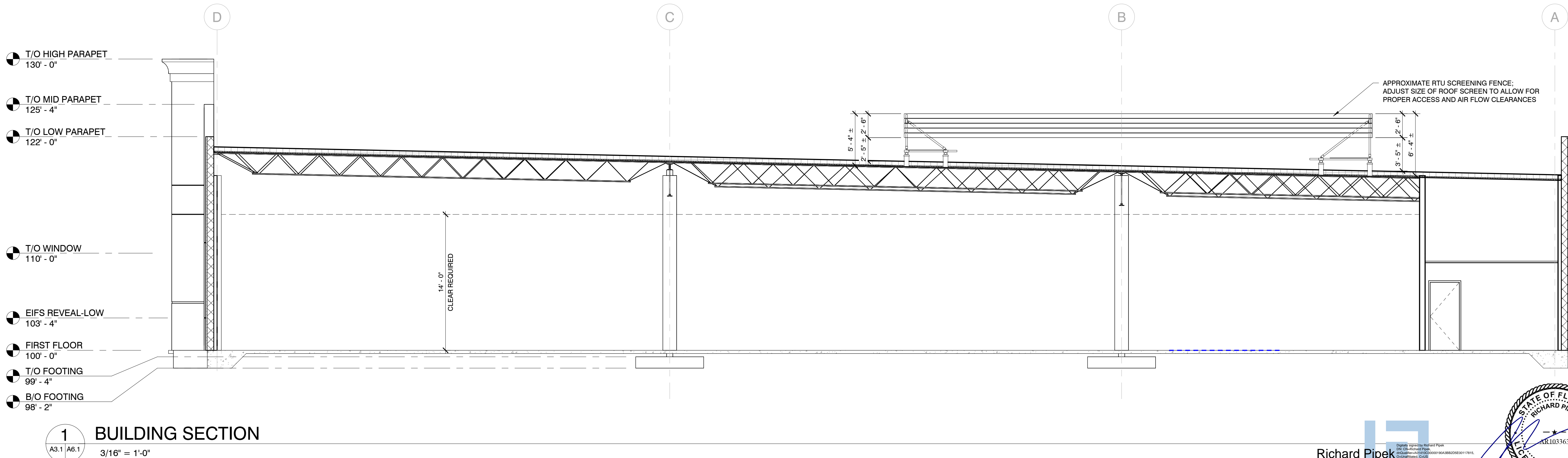
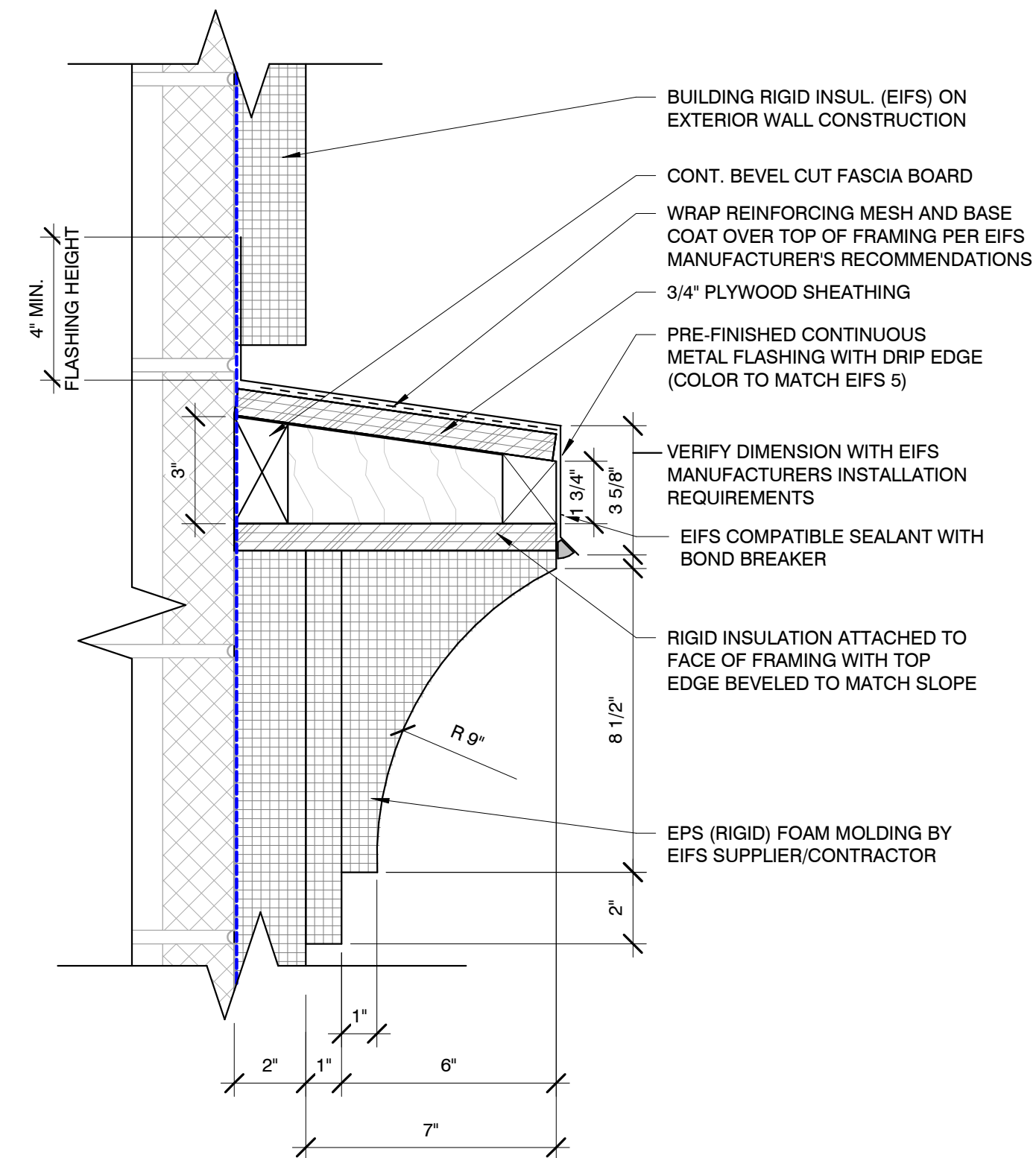
5 COPING TRIM AT TOWER
3" = 1'-0"



4 TYPICAL COPING DETAIL
3" = 1'-0"

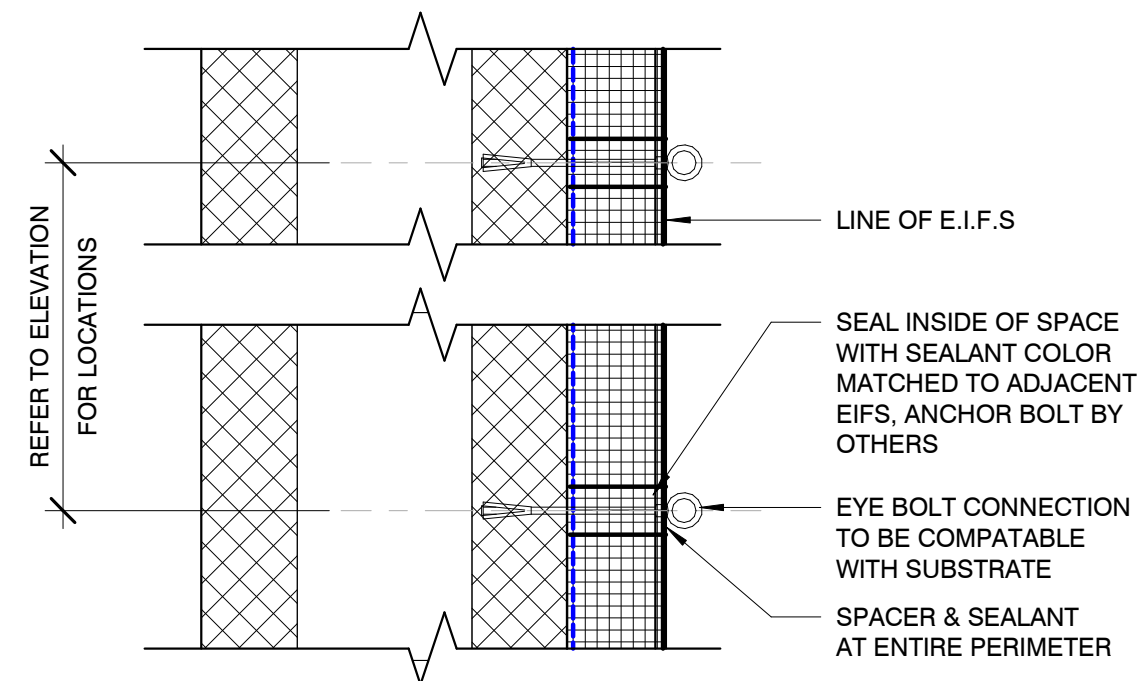


2 TWO PIECE STOREFRONT CROWN DETAIL
3" = 1'-0"

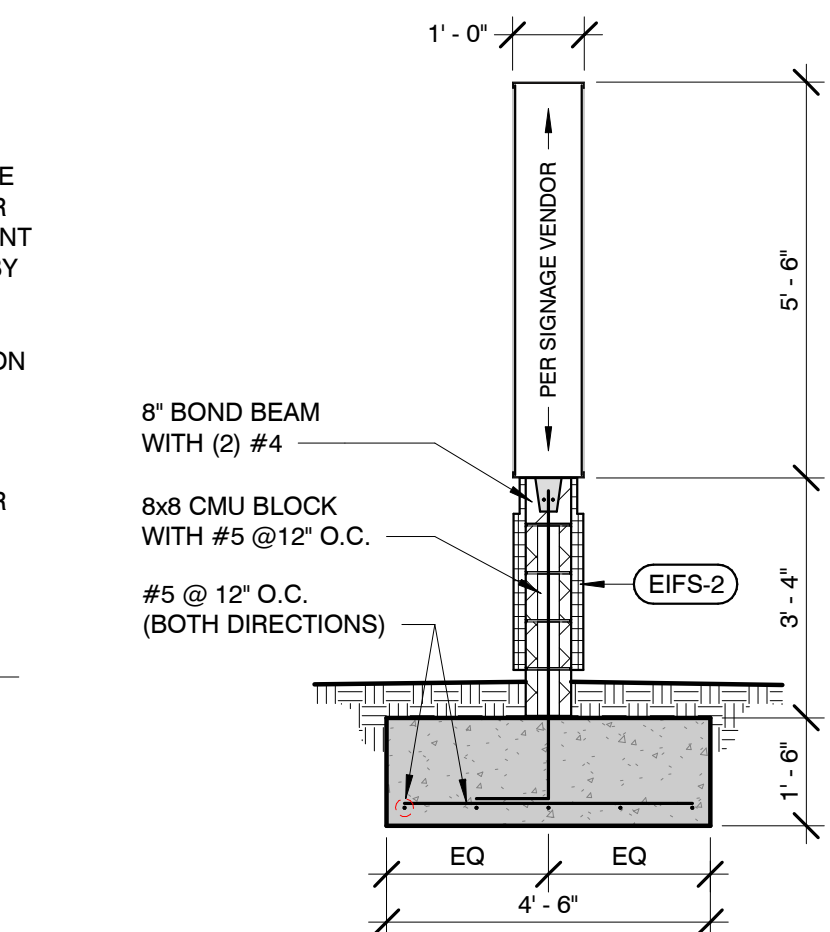


1 BUILDING SECTION
3/16" = 1'-0"

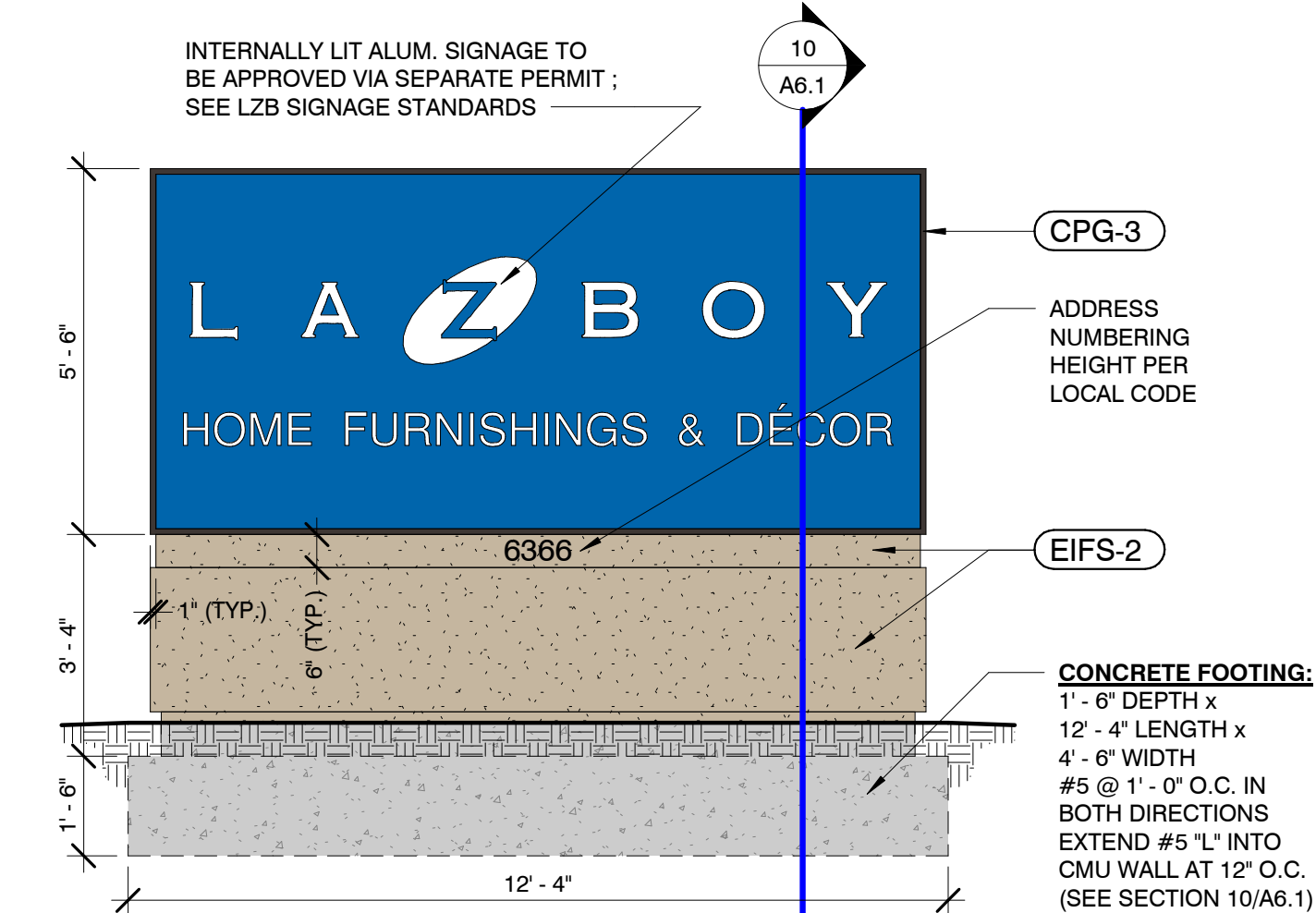
3 BANNER SUPPORT DETAIL
3" = 1'-0"



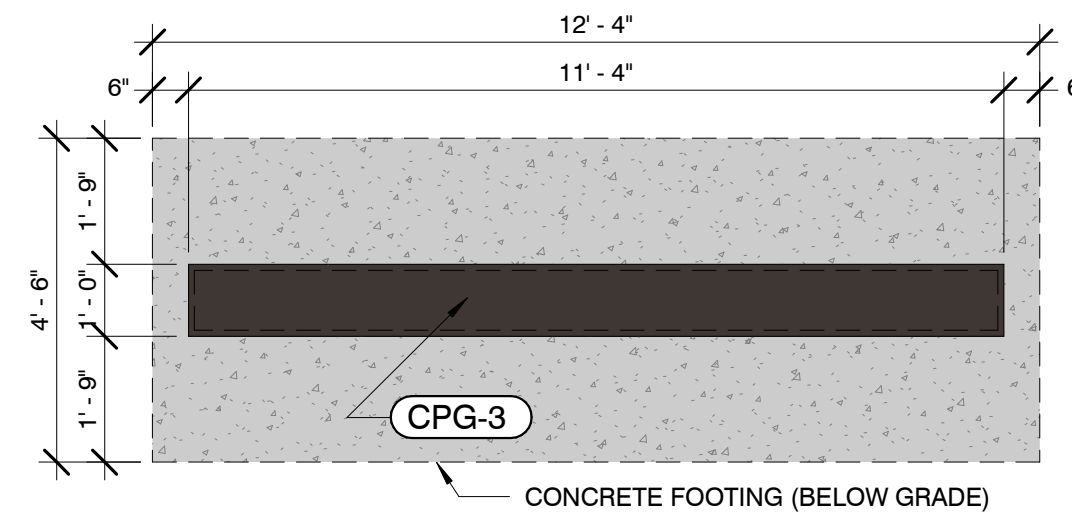
10 MNMT. SIGN - SECTION
3/8" = 1'-0"



6 MNMT. SIGN - ELEVATION
3/8" = 1'-0"



8 MNMT. SIGN - PLAN
3/8" = 1'-0"



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FOR CONSTRUCTION

L A Z B O Y
HOME FURNISHINGS & DÉCOR

6366 20TH STREET
VERO BEACH, FL 32966

ISSUED FOR:
BID SET 03-15-24
(PERMIT SET) CB#1 08-01-24

SHEET TITLE:

BUILDING SECTION & EXTERIOR DETAILS

STORE NAME:

LA-Z-BOY - VERO BEACH

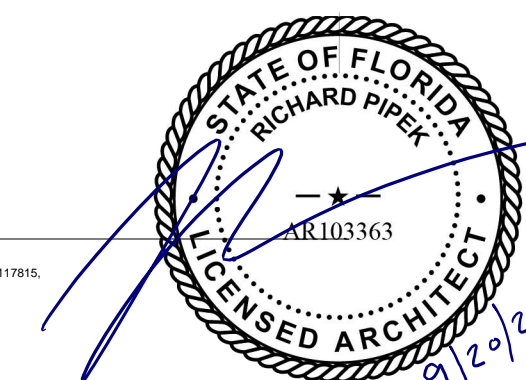
USABLE SQUARE FOOTAGES:

TOTAL BLDG.	15,886 SF
STOCK ROOM	505 SF
SHOW ROOM	13,789 SF
RESTROOMS	160 SF
OTHER	1,432 SF

SHEET NO.

A6.1

Richard Pipek



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ISSUED FOR:
BID SET 03-15-24
(PERMIT SET) CB#1 08-01-24

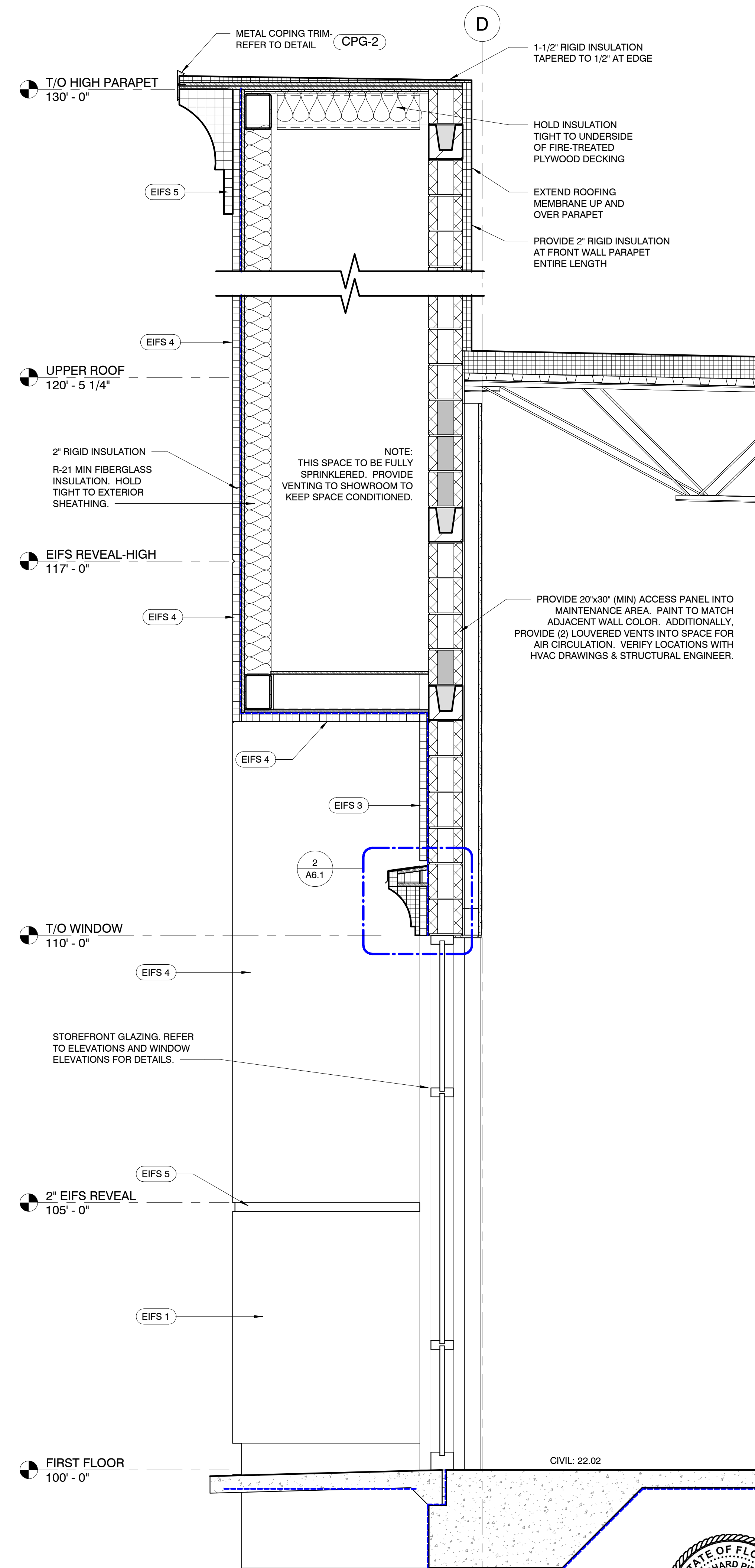
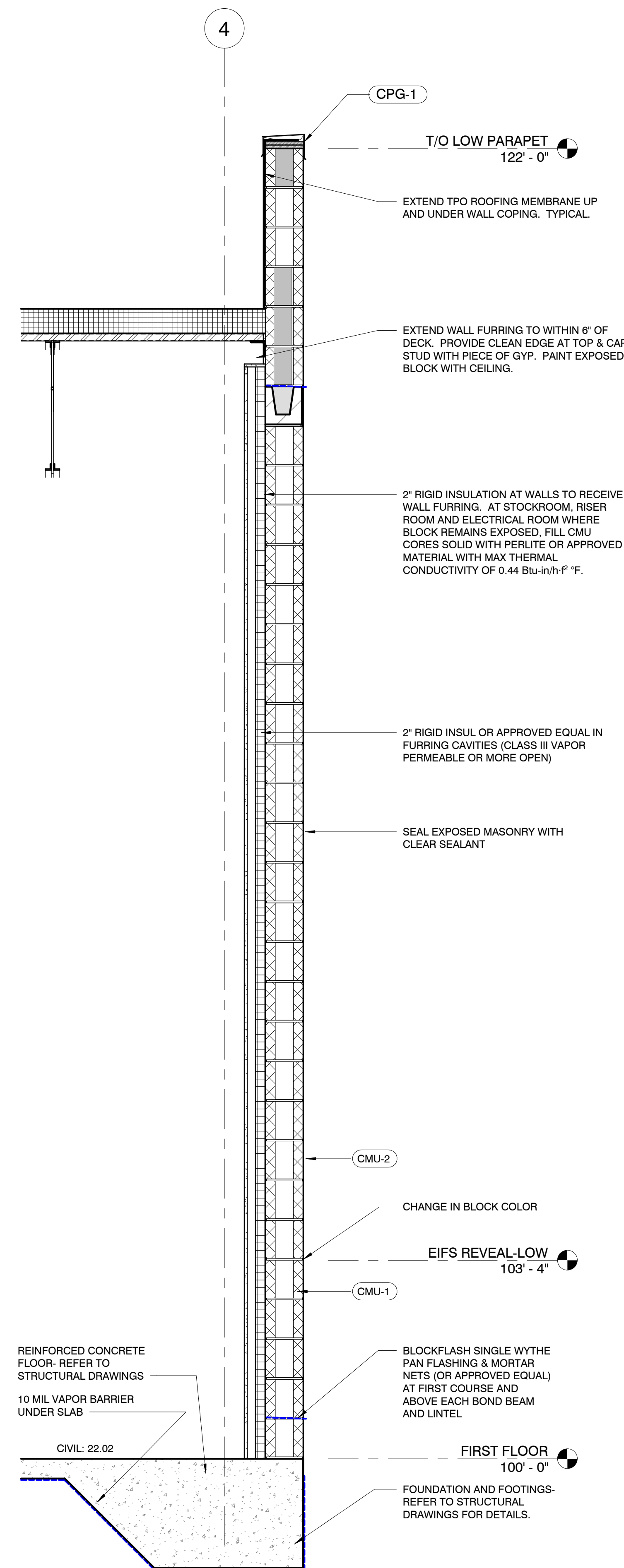
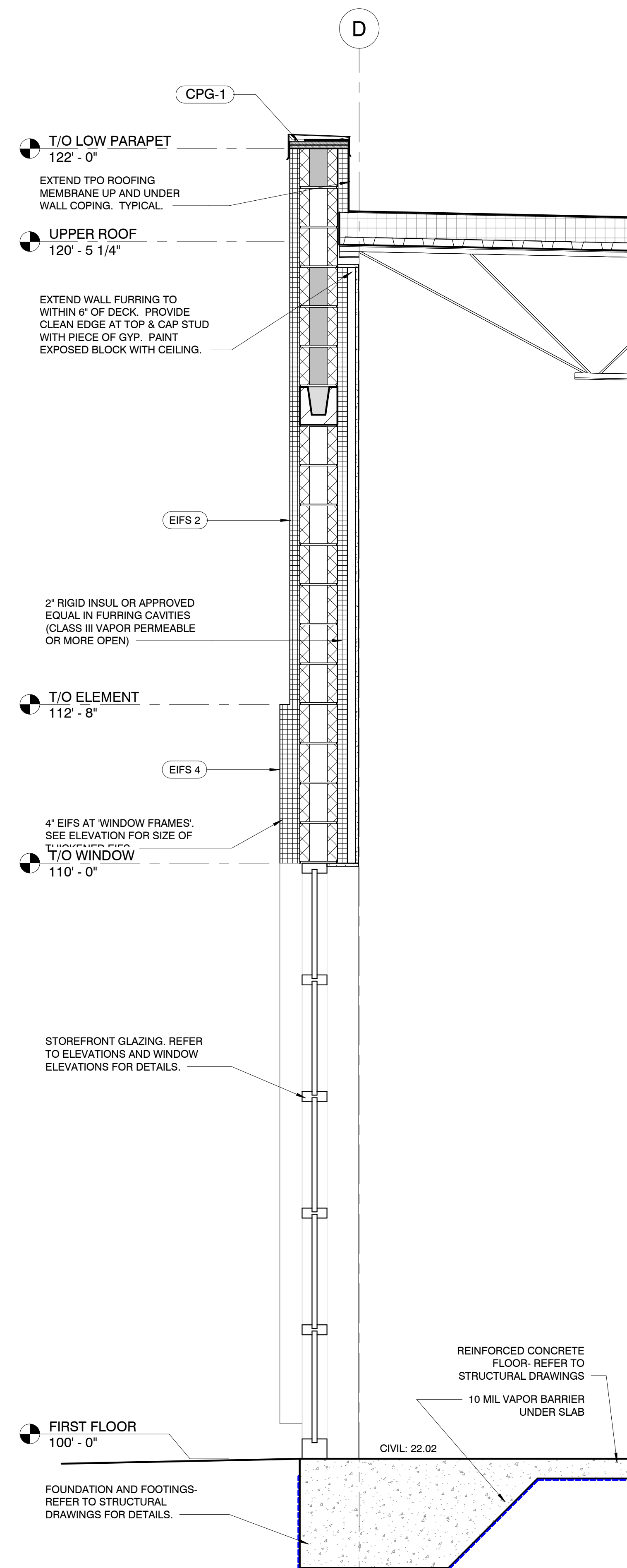
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WALL SECTIONS

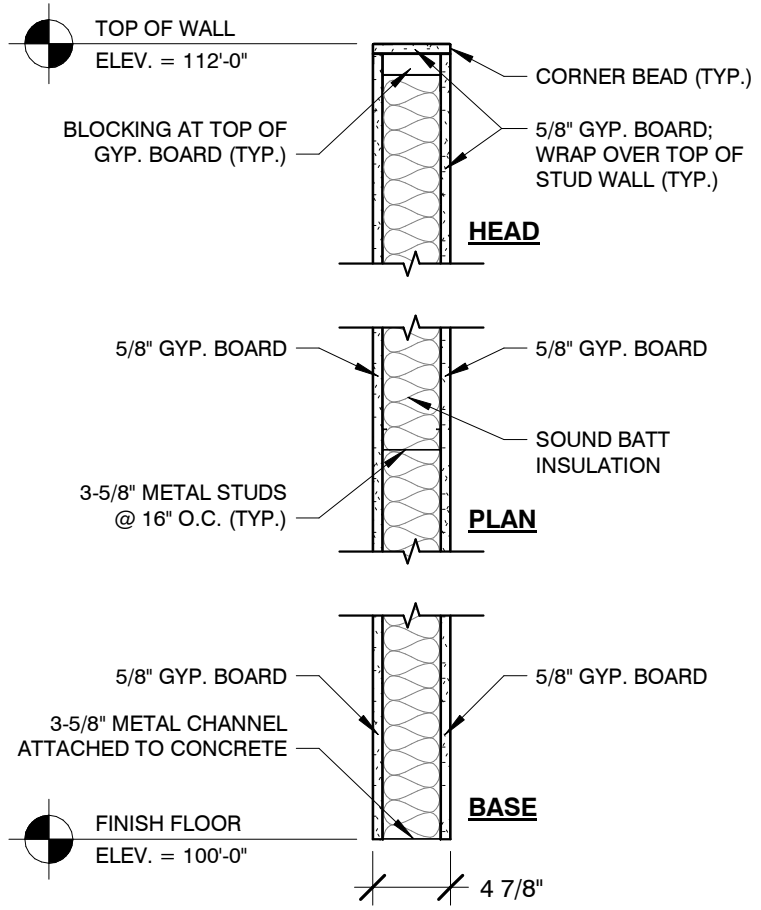
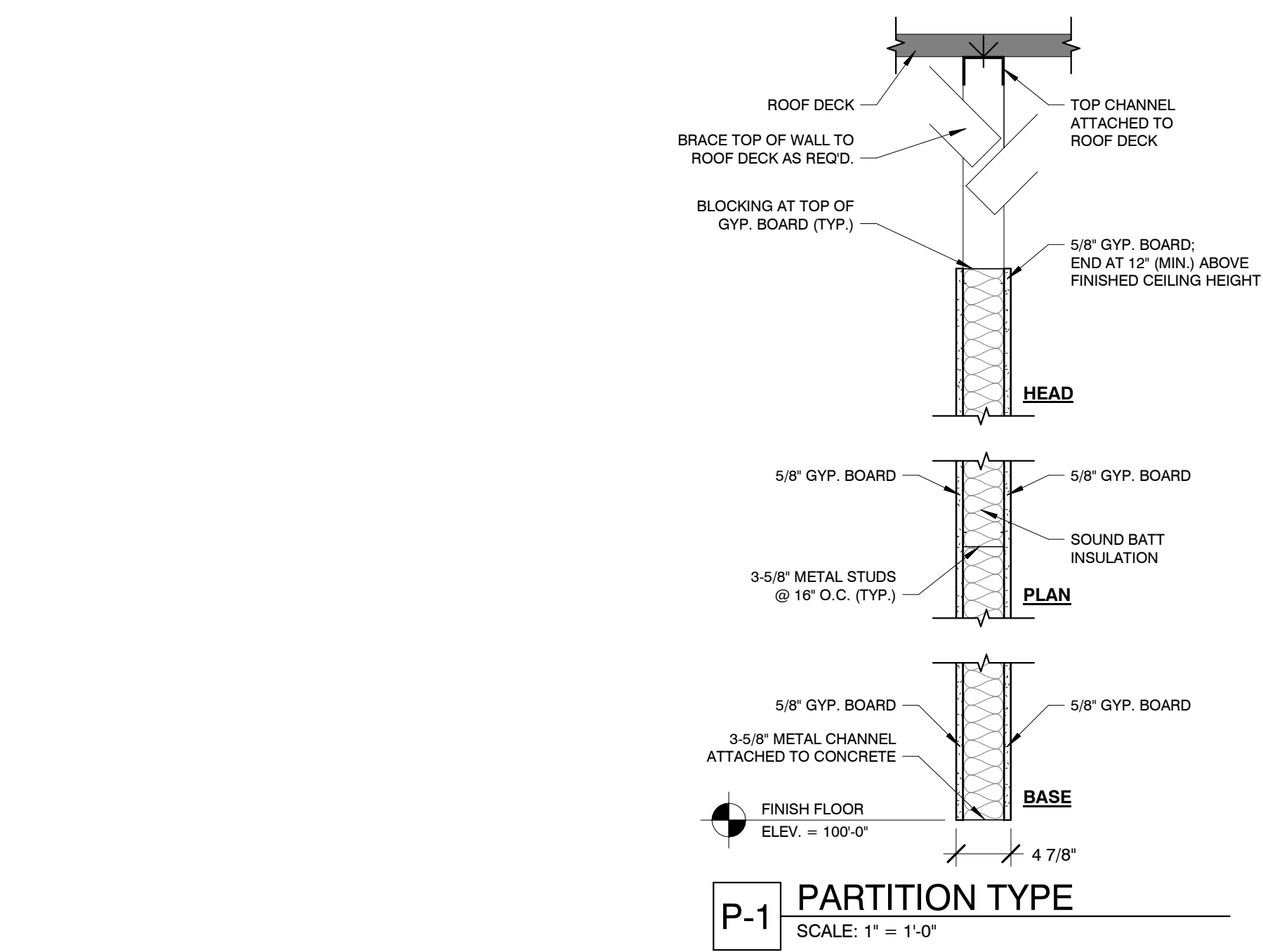
STORE NAME:
LA-Z-BOY -
VERO BEACH

USABLE SQUARE FOOTAGES:	
TOTAL BLDG.	15,886 SF
STOCK ROOM	505 SF
SHOW ROOM	13,789 SF
RESTROOMS	160 SF
OTHER	1,432 SF

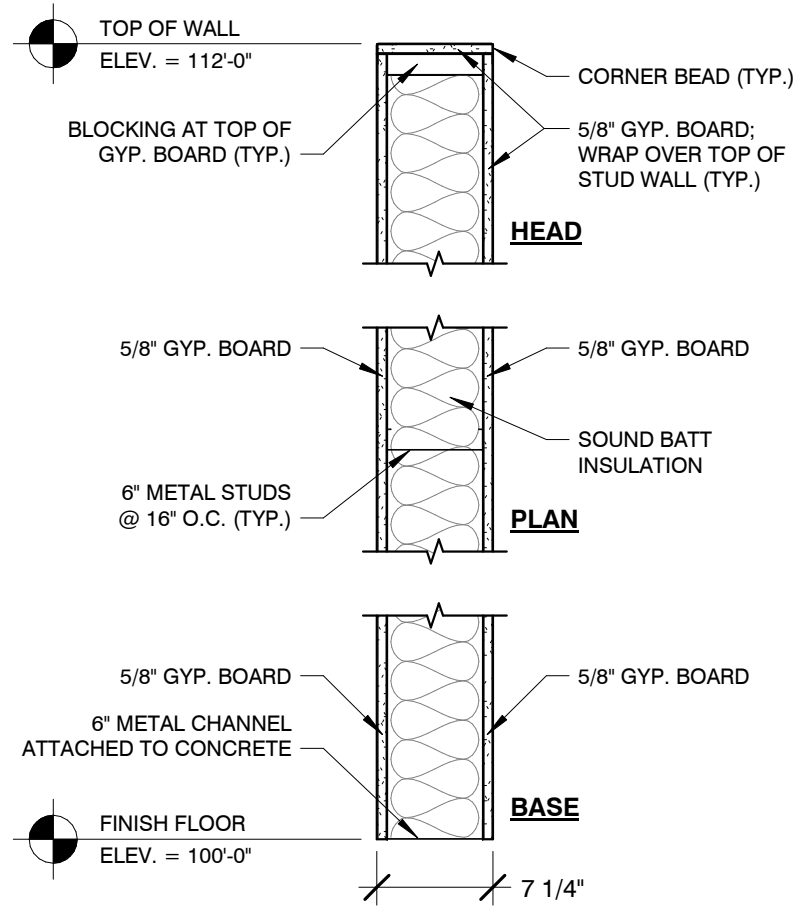
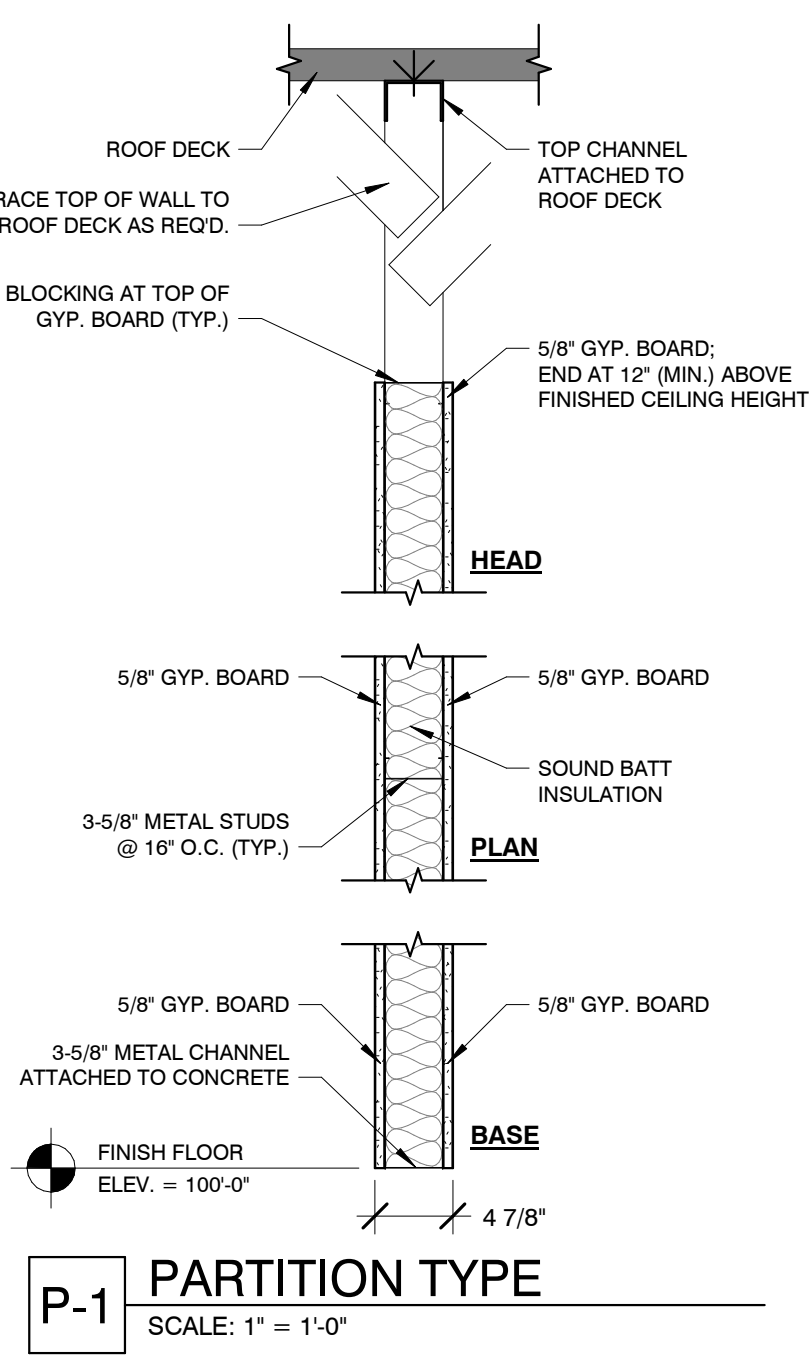
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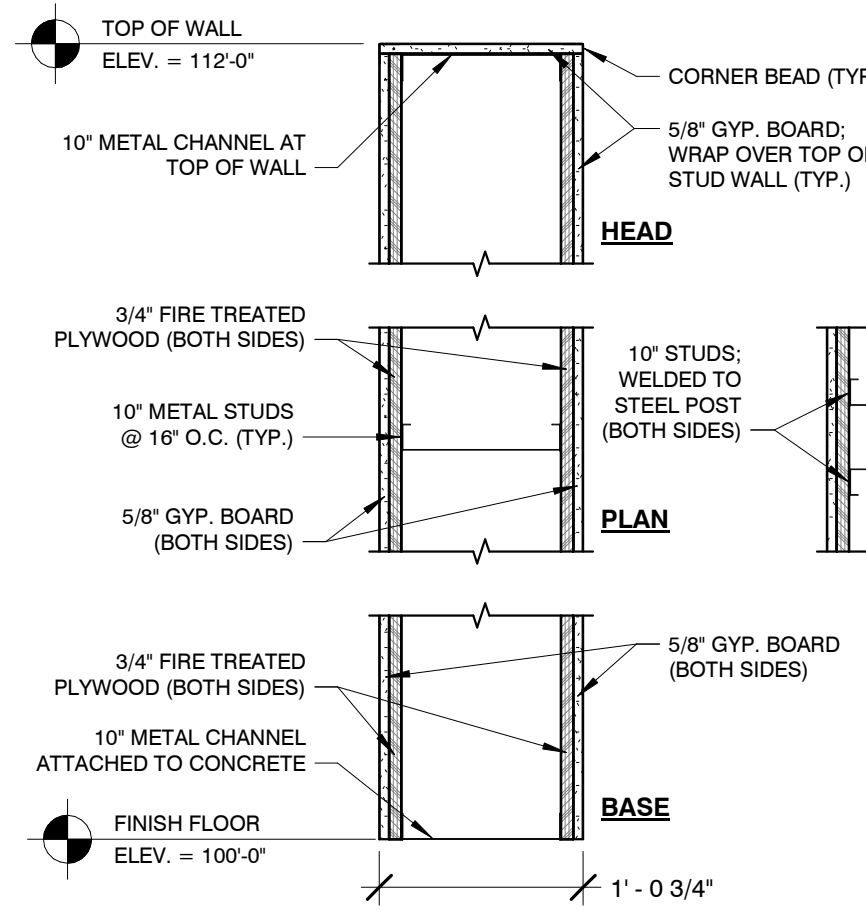
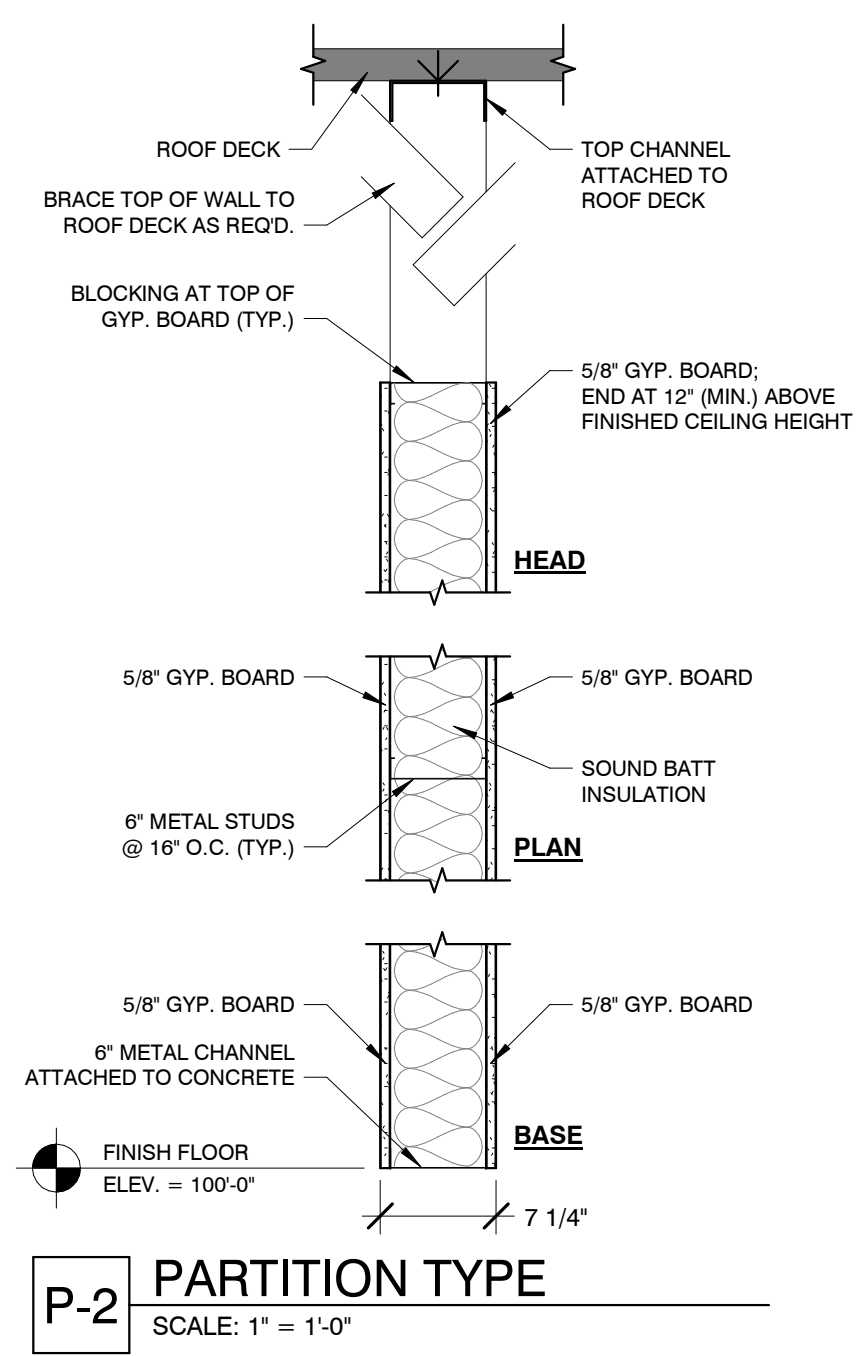
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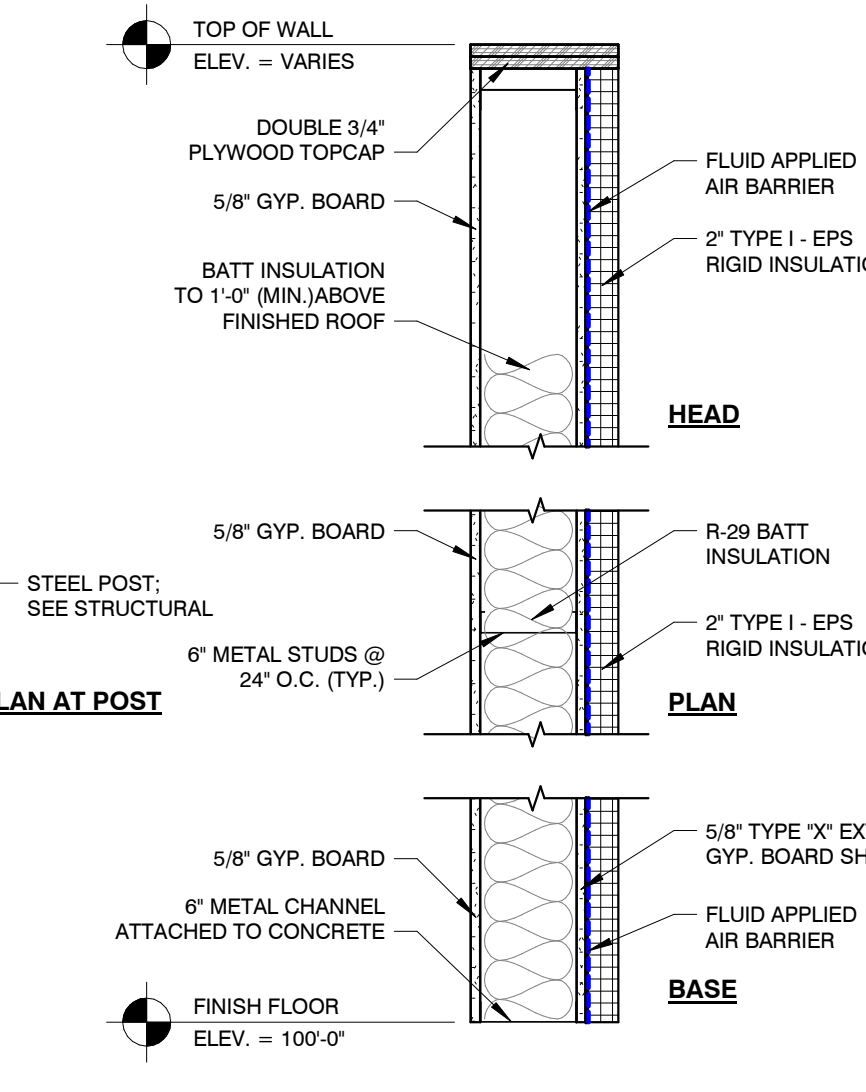
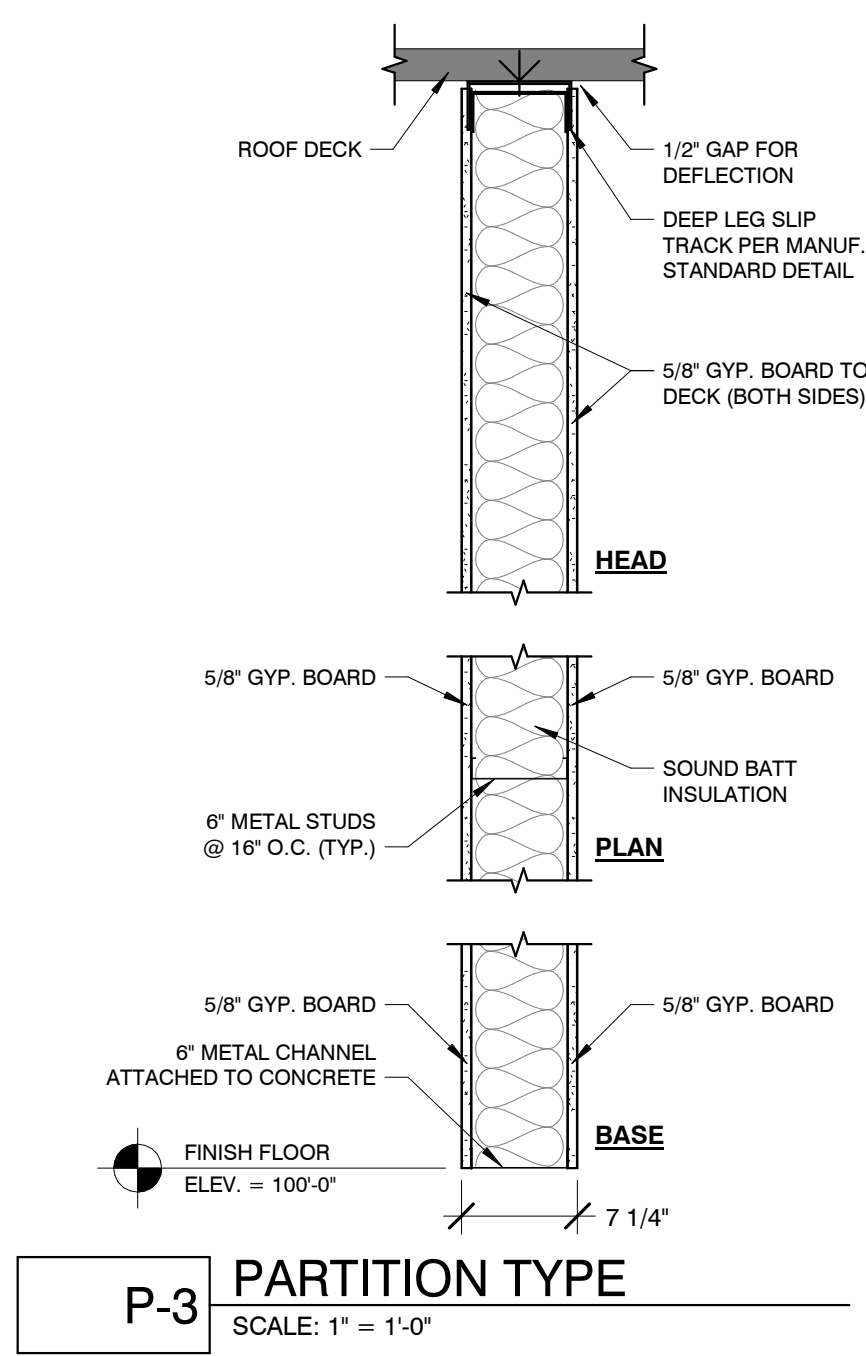
I-1 PARTITION TYPE
SCALE: 1" = 1'-0"



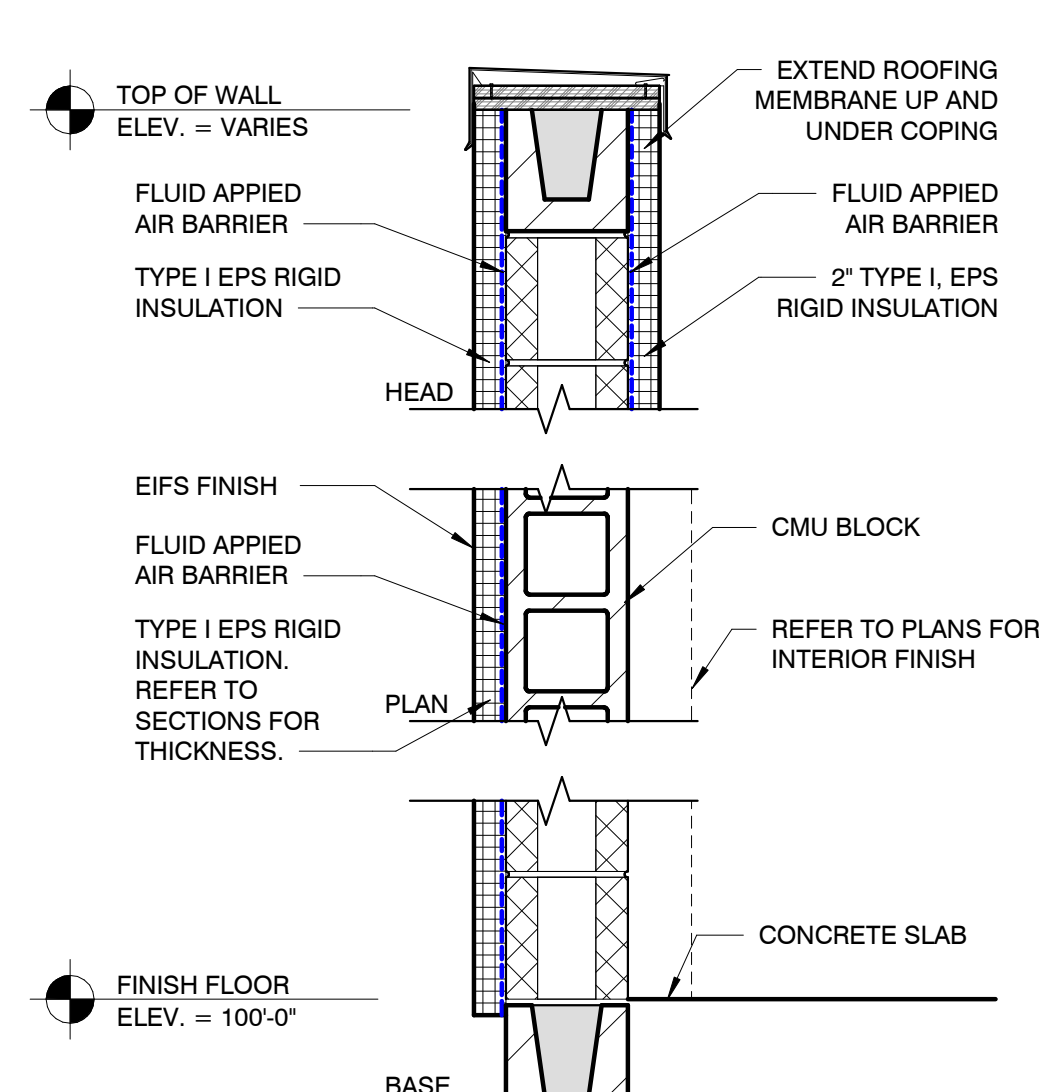
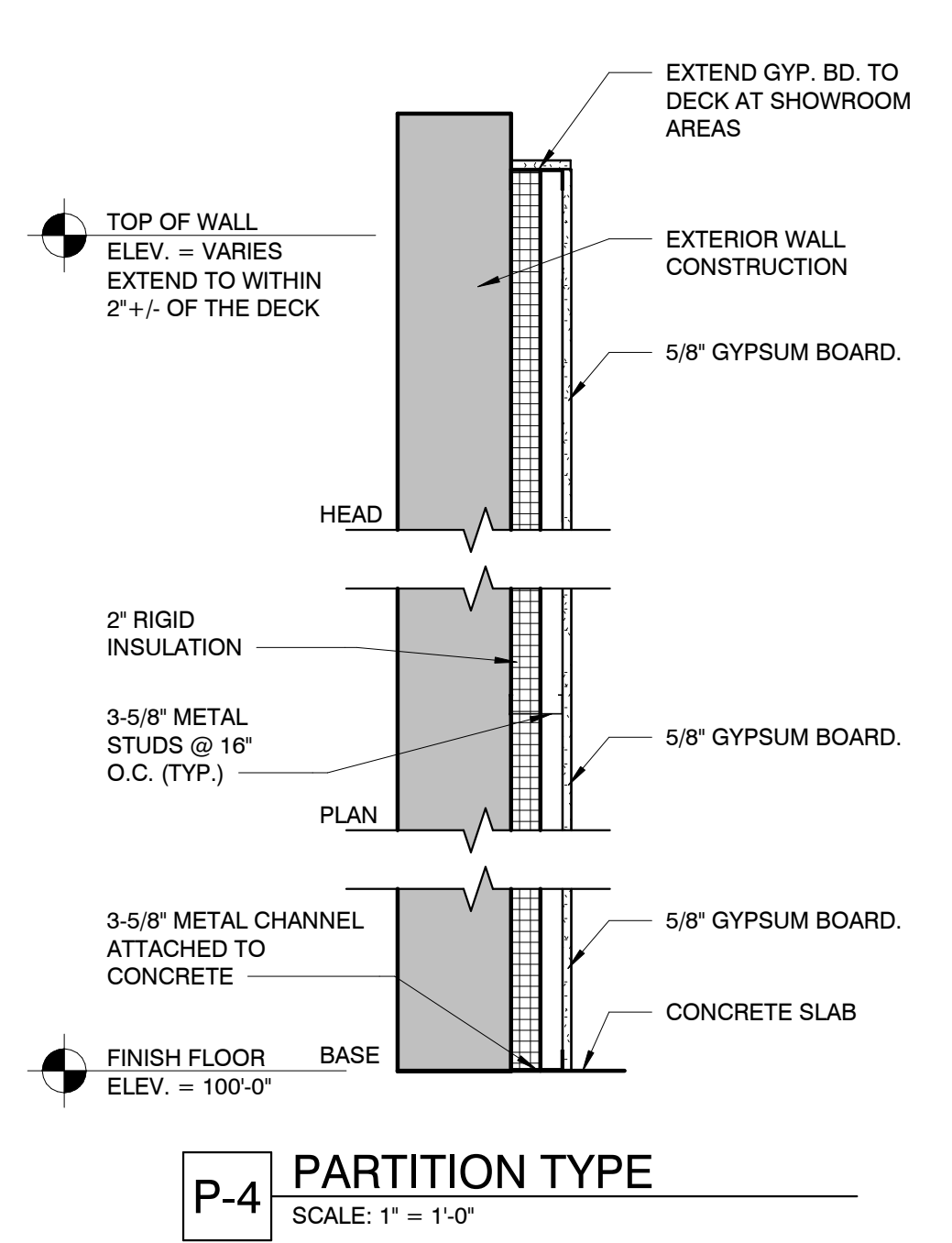
I-2 PARTITION TYPE
SCALE: 1" = 1'-0"



I-3 PARTITION TYPE
SCALE: 1" = 1'-0"

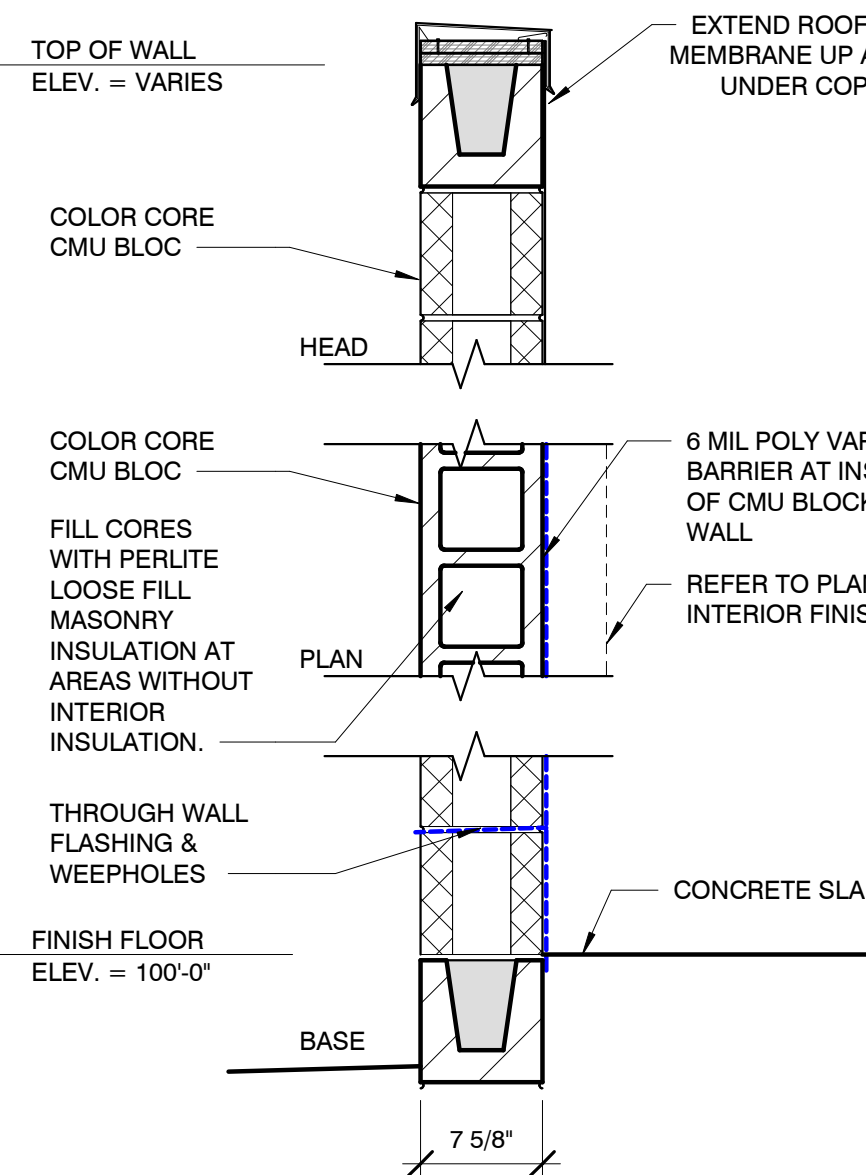


W-2 EXTERIOR WALL TYPE
SCALE: 1" = 1'-0"

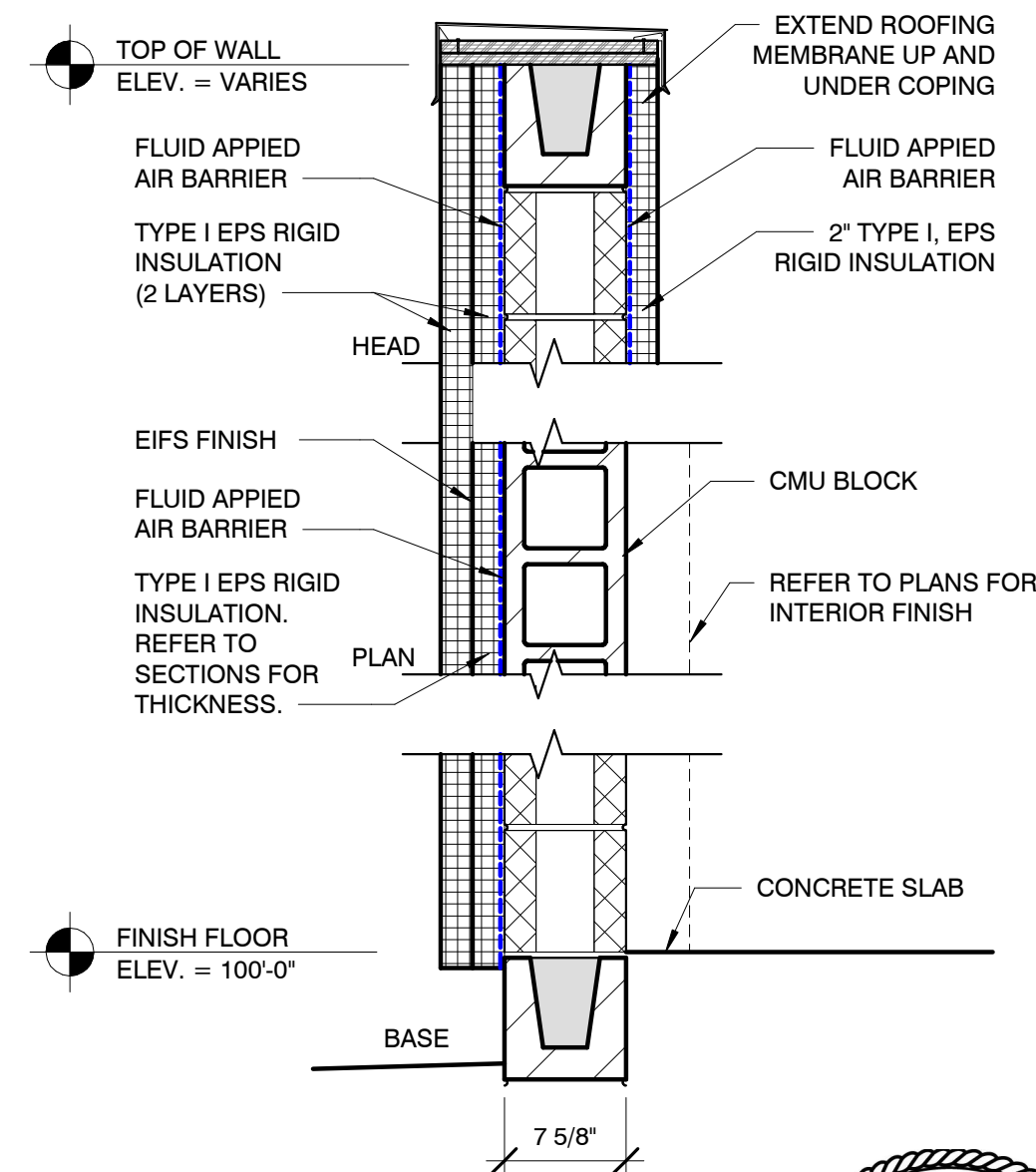


W-1 EXTERIOR WALL TYPE
SCALE: 1" = 1'-0"

VERIFY ALL INTERIOR WALL
DETAILS WITH INTERIOR
BUILD OUT DRAWINGS

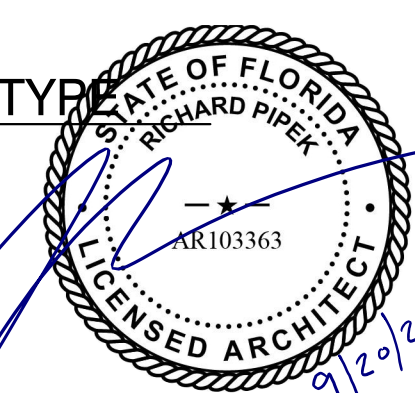


W-3 EXTERIOR WALL TYPE
SCALE: 1" = 1'-0"



W-1A EXTERIOR WALL TYPE
SCALE: 1" = 1'-0"

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Project No. 23-053
Drawn By TM
Original Issue Date 3/15/2024

L A Z B O Y
HOME FURNISHINGS & DÉCOR
6366 20TH STREET
VERO BEACH, FL 32966

ISSUED FOR:
BID SET
03-15-24

SHEET TITLE:

WALL TYPES

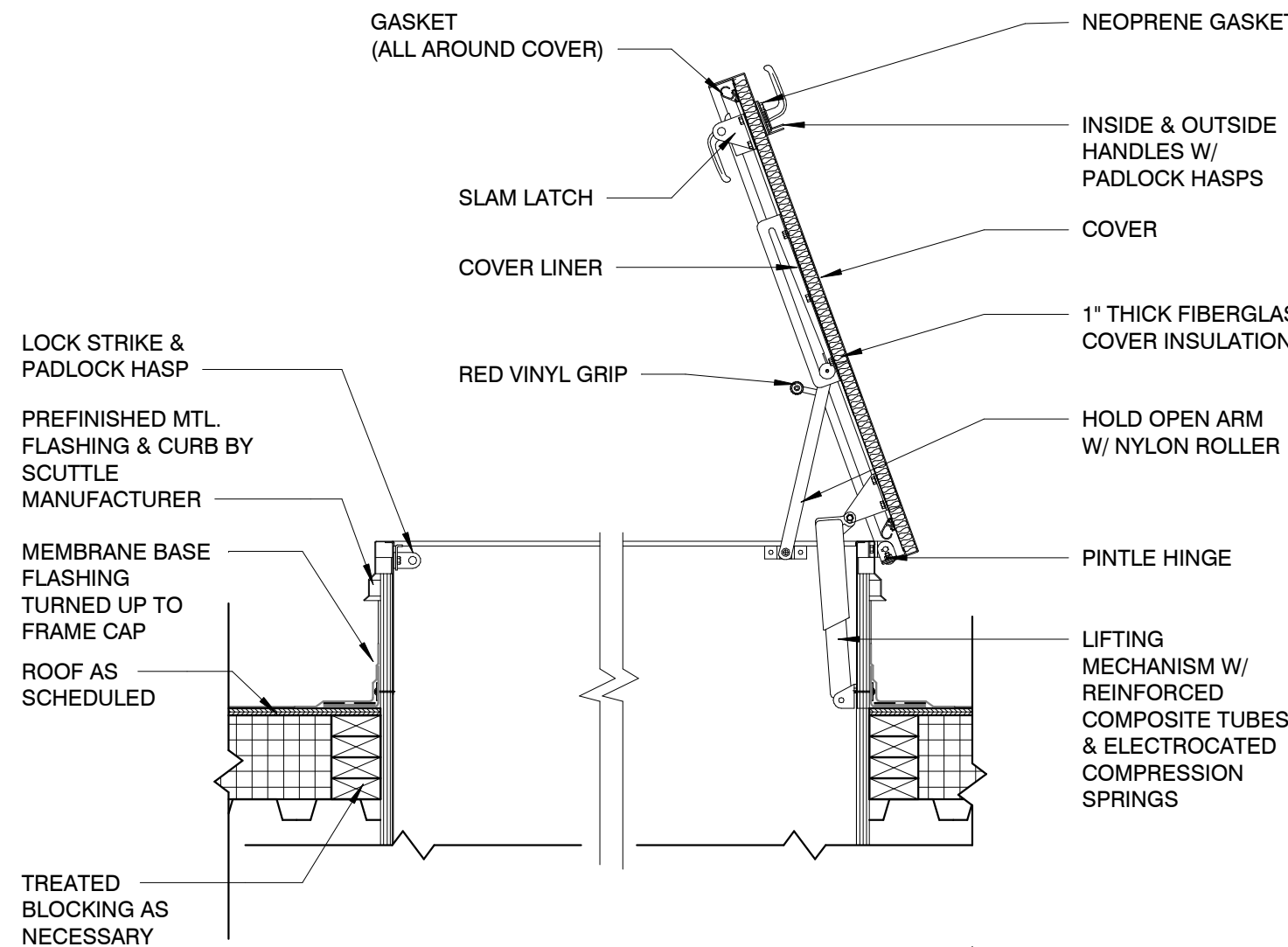
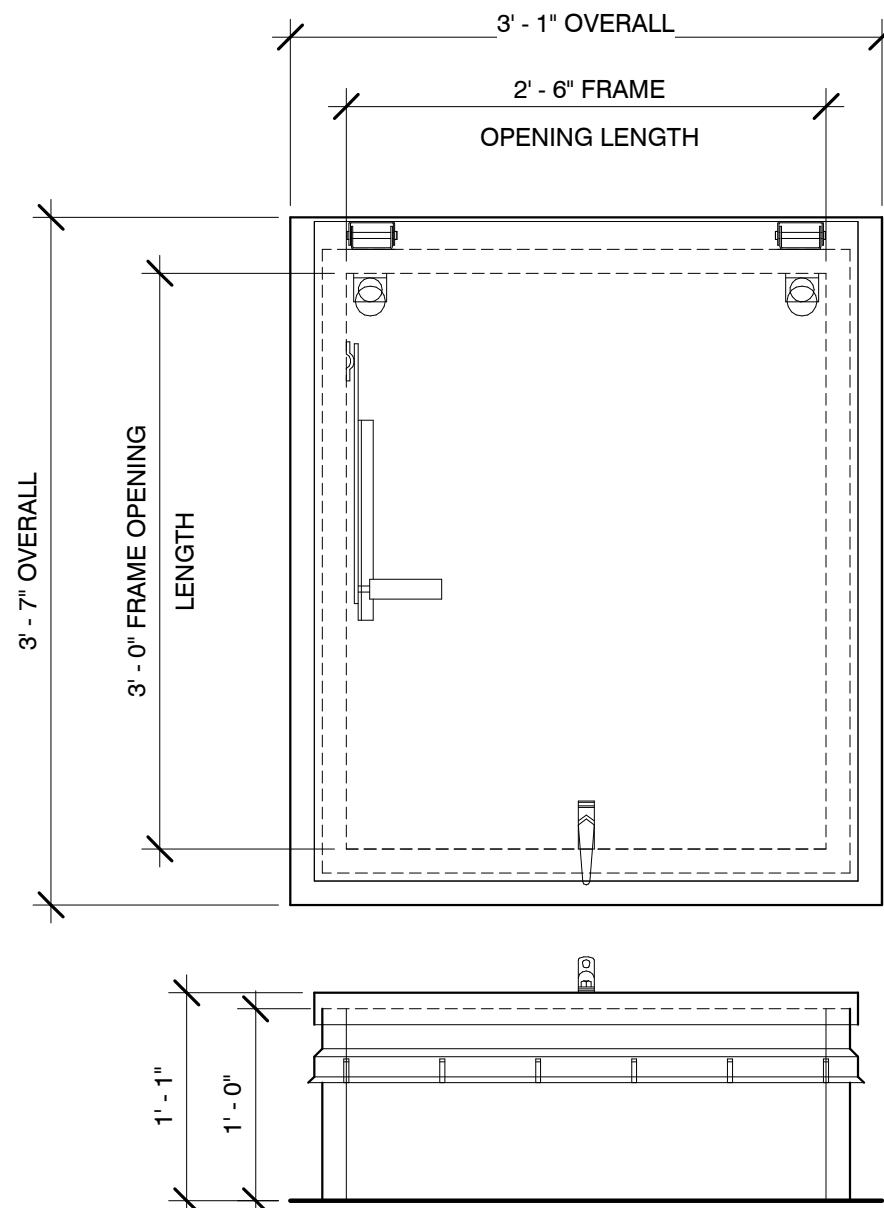
STORE NAME:
LA-Z-BOY - VERO BEACH

USABLE SQUARE FOOTAGES:
TOTAL BLDG. 15,886 SF
STOCK ROOM 505 SF
SHOW ROOM 13,789 SF
RESTROOMS 160 SF
OTHER 1,432 SF

SHEET NO.
A6.4

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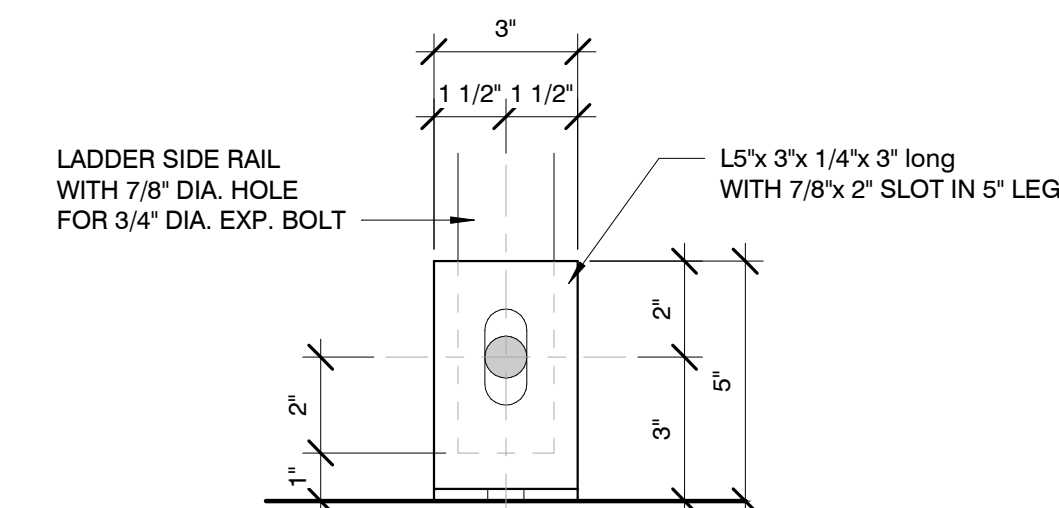


NOTE: ROOF SCUTTLE TO LOCK & HAVE CONTACT SWITCH

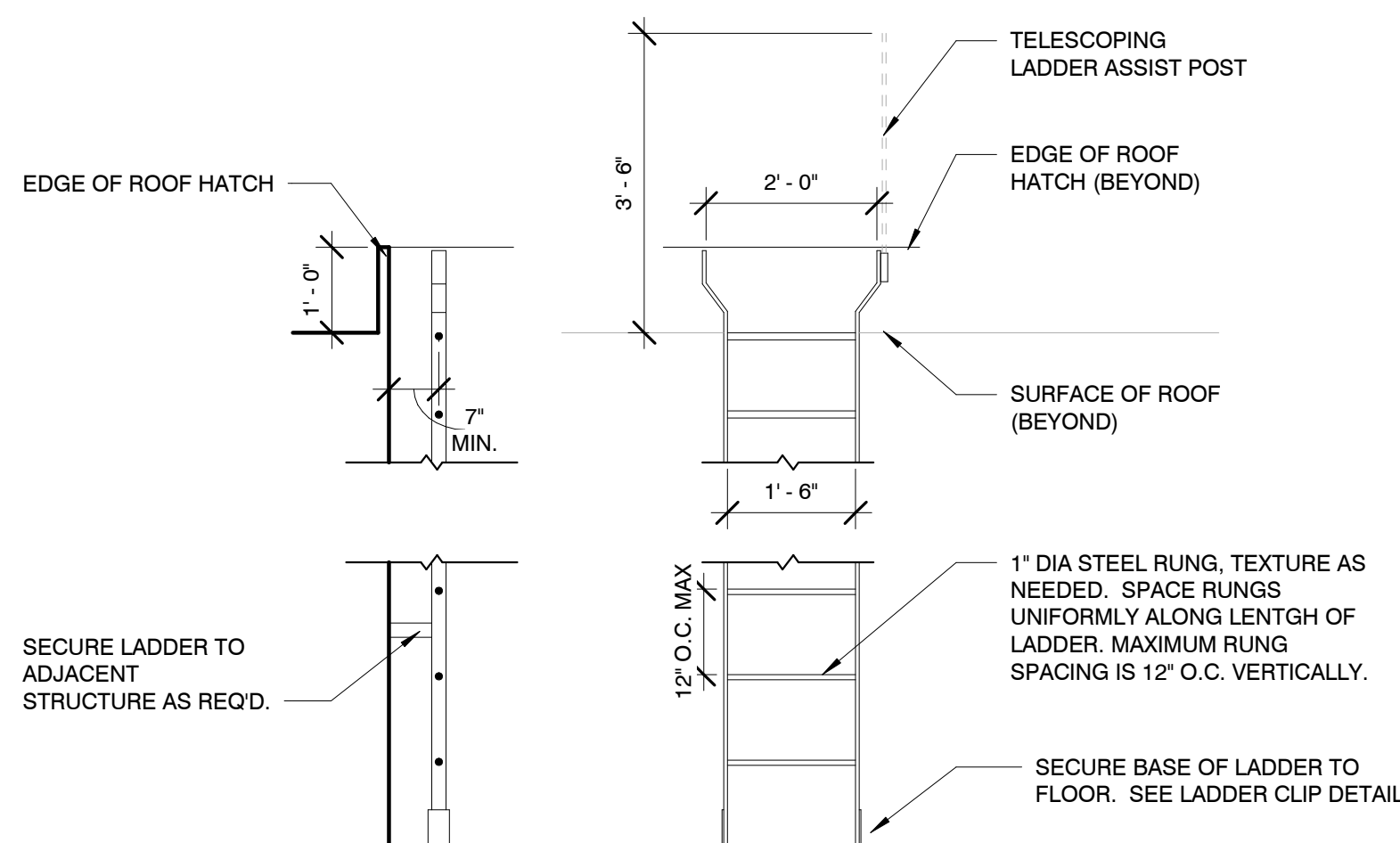
4 ROOF SCUTTLE DETAIL
1" = 1'-0"

ROOF PLAN GENERAL NOTES:

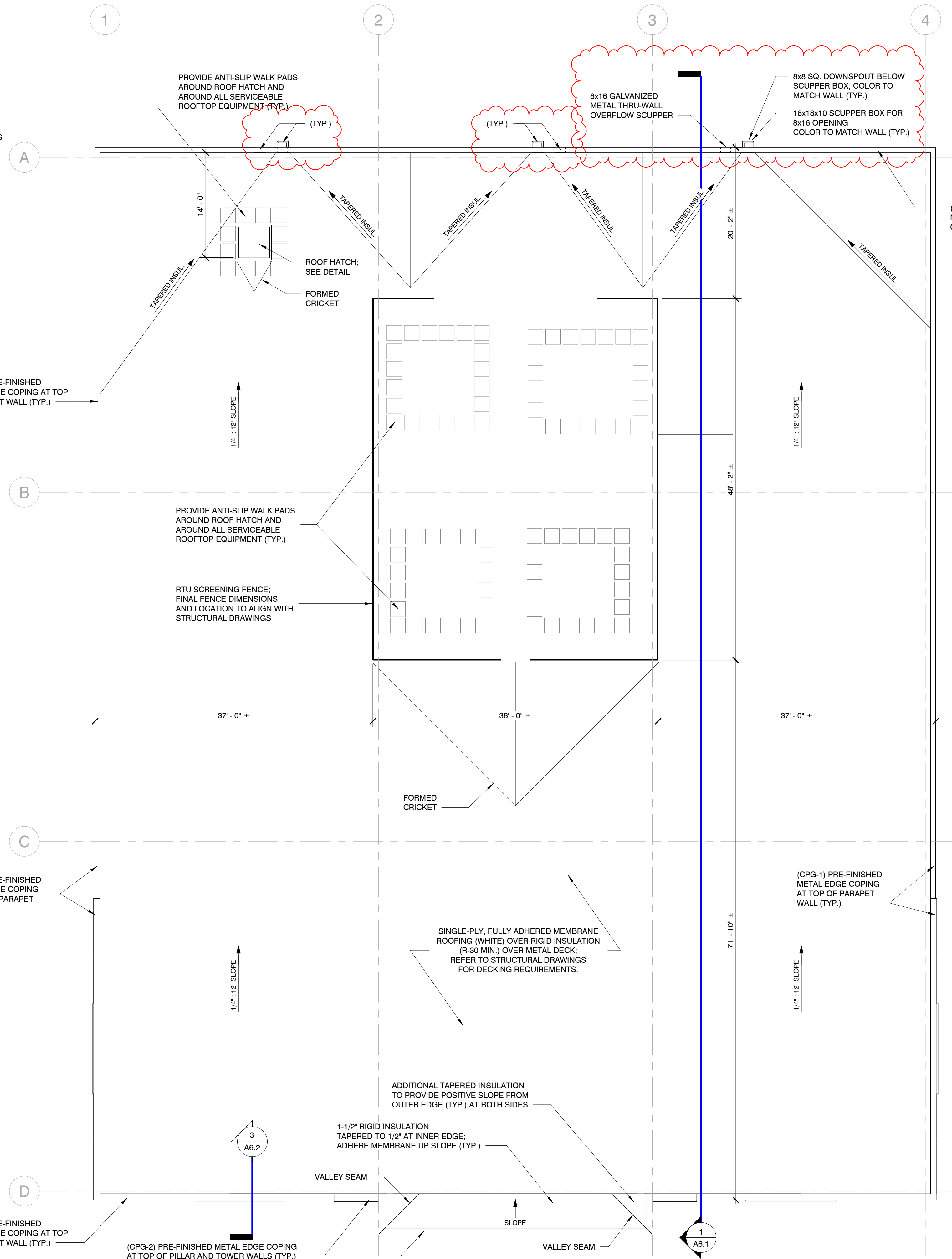
- CONTRACTOR SHALL COORDINATE ROOFING INSTALLATION WITH MECHANICAL & PLUMBING DRAWINGS. PROVIDE CURBING AND FLASHING AS REQUIRED AT ROOF PENETRATIONS TO MAINTAIN INTEGRITY OF ROOF MEMBRANE.
- ALL GRAVEL STOPS AND COPINGS TO HAVE CONTINUOUS HOLD-DOWN CLIPS.
- PROVIDE TAPERED EDGE STRIPS AS NECESSARY AT ROOF EDGES.
- CONCRETE PAVERS: PROVIDE PAVERS AS SPECIFIED FROM ROOF SCUTTLES AND LADDERS TO ALL SERVICE AREAS OF MECHANICAL EQUIPMENT.
- ALL ROOF PENETRATIONS AND EQUIPMENT CURBS TO BE FLASHED PER MANUFACTURER'S REQUIREMENTS.
- COORDINATE WITH PLUMBING DRAWINGS FOR ALL ROOF DRAIN LOCATIONS.



3 LADDER CLIP DETAIL
3" = 1'-0"



2 ROOF LADDER DETAIL
1/2" = 1'-0"



1 ROOF PLAN
1/8" = 1'-0"

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LA-Z-BOY
HOME FURNISHINGS & DÉCOR
6366 20TH STREET
VERO BEACH, FL 32966

ISSUED FOR:
BID SET
CB #2
03-15-24
08-16-24

SHEET TITLE:
ROOF PLAN

STORE NAME:
LA-Z-BOY -
VERO BEACH

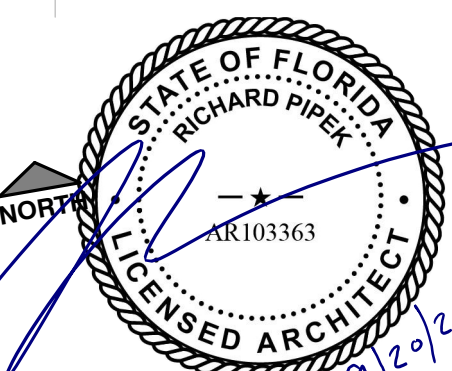
USABLE SQUARE FOOTAGES:
TOTAL BLDG. 15,886 SF
STOCK ROOM 505 SF
SHOW ROOM 13,789 SF
RESTROOMS 160 SF
OTHER 1,432 SF

SHEET NO.
A7.1

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Project No. 23-053
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9/20/2024