



REQUEST FOR PROPOSALS

FOR

LED Lighting Upgrade – C3-4 Level Meeting Rooms/Concourses/Restrooms

HUNTINGTON CONVENTION CENTER OF CLEVELAND

REQUEST FOR PROPOSALS

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ANNOUNCEMENT

Request for Proposals (RFP)

Notice is hereby given that ASM Global, managing agent of the Cuyahoga County Convention Facilities Development Corporation for the Huntington Convention Center of Cleveland. (the “Facility”), is seeking bids from qualified respondents (Providers) for the LED Lighting upgrade of the C3-4 level of the HCCC.

All comments and questions concerning the Request for Proposals and the corresponding procedures and requirements must be addressed in writing, via email to the following:

Attn: Mike Campo

Email: mcampo@clevelandconventions.com

A Pre-Bid Conference will be held Friday, March 28, 2025 @ 1pm at the Huntington Convention Center of Cleveland within the Mezzanine Boardroom.

Responses must be received by Friday, **April 25th, 2025** by 1pm via email to mcampo@clevelandconventions.com ASM Global reserves the right to reject responses if not submitted by the time, date and at the place designated in the RFP. All responses may be rejected if deemed in ASM Global’s best interest.

ARTICLE 1

INTRODUCTION

1.1 PROJECT DESCRIPTION/LOCATION.

FACILITY DESCRIPTION: Opened in 2013 the Huntington Convention Center of Cleveland is located at 1 St. Clair Avenue NE, Cleveland, OH 44114. The one million square foot

facility features 225,000 sq. ft. of contiguous exhibit space as well as 50 meeting rooms and 2 Ballrooms.

The Facility is managed by ASM GLOBAL as agent for the Cuyahoga County Convention Facilities Development Corporation.

ARTICLE 2

CRITICAL DATES

2.1 The following are the critical dates and times:

Notification	Monday, 3/17/2025
Pre-Bid Conference	Friday, 3/28/2025 @1pm
Response Due Date	Friday, 4/25/2025 by 1pm
*Interviews	TBD
*Selection	Friday, 5/2/2025
*Projected Contract Commencement	TBD
**Project Completion Date	Monday, 10/31/25

*This is a targeted date under optimal circumstances and is tentatively based on actual selection factors. ASM GLOBAL reserves the right to either conduct or not to conduct interviews. ASM GLOBAL further reserves the right to hold them on site at the Facility or via other means.

** Project must be completed by this date unless approved otherwise in advance by ASM GLOBAL.

ARTICLE 3

PROCEDURES/CONTENT

3.1 CONTENTS OF RESPONSES

1. Responses must include the following:

- a) Company History/Qualification: Provide a detailed history and a statement of qualifications including a description of comparable services provided for comparable Facility including dates, overall management, and organizational approach. Identify the roles, qualifications, responsibilities, and experience on similar projects of the personnel to be assigned to this project. Provide further detail regarding whether Provider has performed services like those described in Attachment A.
- b) Scope: Provider shall provide detailed work and technical plans that describes their understanding of the Scope of Services as well as their strategies, methodologies, resources, approach to labor and action plan with timelines to accomplish the requirements defined with the **Scope of Work** within Attachment A.
- c) Financial Qualifications: Provide evidence that Provider has the financial ability to fulfill its obligations as outlined within the Attachment A.
- d) Certified Diversity Participation: ASM GLOBAL wishes to achieve certain participation goals related to participation in the County of Cuyahoga, OH's Certified Diversity Business Program. If Provider is registered or will utilize sub-contractors that are registered as a Small Business Enterprise (SBE), Minority Business Enterprise (MBE) or Women Business Enterprise (WBE) certified by the County of Cuyahoga, OH in the performance of their obligation under the Agreement the Response should provide evidence as such and detail as to exactly what Provider's commitment is.
- e) References: Provide five (5) references stating name, title, company, address, and telephone numbers for everyone within these companies who may be contacted.
- f) Fees: Provider must identify any applicable fees for their services within the enclosed Quotation Sheet within Attachment A and specifically Exhibits A, B, C and D.
- g) Sub-Contractors: Provider shall identify all sub-contractors which the Provider anticipates having a significant role in the services.
- h) Certifications and Licenses: Provider must provide all their licenses that are required by the State of Ohio, the County of Cuyahoga, OH and the City of Cleveland, OH.

2. All Responses must be submitted via email by the due date/time detailed herein to mcampo@clevelandconventions.com .
3. Each Response shall include the legal name of the Provider and a statement identifying the Provider as a sole proprietor, partnership, corporation, or other legal entity as appropriate. A Response by a corporation shall further give the state of incorporation and whether the Provider is qualified to do business in the State of Ohio. A response submitted by an agent shall have a current power of attorney attached certifying the agent's authority to bind the Provider.

3.2 PROPOSED TERMS OF THE BID

- 1.) Providers must identify any applicable fees for their services within the enclosed Quotation Sheet within Attachment A and specifically Exhibits A, B, and C. If there are portions of the Work the Provider cannot price, provide fee schedules with an "estimated cost of service". ASM GLOBAL reserves the right to reject any Response that is incomplete or is not submitted on the forms provided.
- 2.) In addition to Providers detailing their proposal as per the items contained herein, Providers may put forth alternative proposals for ASM GLOBAL to consider. ASM GLOBAL recognizes Providers inherent ability and knowledge to do so and ASM GLOBAL reserves the sole right to consider such approaches and further reserves the right if necessary to obtain additional details from said Provider regarding said proposal.
- 3.) In the event Providers are not able to provide a certain portion of the services listed herein ASM GLOBAL reserves the right to award certain services to the Provider(s) that it feels is in the best interest of the Facility.
- 4.) ASM Global reserves the right to reduce and/or add the quantities of equipment specified in Exhibit A herein and Provider is required to hold their quoted per unit cost unless Provider details within their Response of their unwillingness to do so or provides a limit as to which ASM Global can either reduce or increase before pricing is affected.

3.3 SUBMISSION OF RESPONSES

- 1.) Submit properly executed Response with any other documents required via email to the below address. The email shall be identified with the Provider name and address, type of Response (i.e. C3-4 LED Lighting Upgrade) and the bid due date to the following address: mcampo@clevelandconventions.com.
- 2.) **RESPONSES shall be submitted no later than 1p.m., EST. on the above noted date via email to mcampo@clevelandconventions.com . Responses received after that time and date will not be considered. The Provider shall assume full responsibility for timely delivery.**
- 3.) Submission of a Response signifies careful examination of the RFP and complete understanding of the nature, extent, and location of the Work to be performed.
- 4.) Oral and/or telephonic Responses are invalid and will not receive consideration.

3.4 CLARIFICATION

Each Respondent shall carefully examine the site, all RFP documents, and related materials as well as any addendum and will thoroughly familiarize themselves with all requirements prior to submitting a bid. Should a Provider find discrepancies or ambiguities in, or omissions from the proposal documents, or should the Provider be in doubt as to their meaning, Provider shall at once, and in any event, not later than seven (7) days prior to proposal due date, submit to ASM GLOBAL a written request for interpretation or correction thereof. The person submitting the request for clarification will be responsible for its prompt delivery to the Assistant General Manager at the address noted in Section 3.3. Email requests for clarification will be accepted at mcampo@clevelandconventions.com . Each Provider is responsible for confirming receipt of any emailed materials to ASM GLOBAL.

Any interpretation or correction of the RFP will be made only by written addenda to all Providers. No allowance will be made after bids are received for oversight, omission, error, or mistake by the Provider or ASM GLOBAL. Addenda so issued will become part of the bid Documents and receipt thereof by the Respondent shall be acknowledged in the bid.

3.5 MODIFICATION OR WITHDRAWAL OF RESPONSE

- 1.) A Response may not be modified, withdrawn, or canceled by the Provider during the time following the date designated for the opening of the Responses, and each Provider agrees to submit a Response.
- 2.) Prior to the time and date designated for receipt of Responses, a Response submitted might be modified or withdrawn by notice to the party receiving Responses at the place designated for receipt of Responses. Such notice shall be in writing over the signature of the Provider. Change shall be so worded as not to reveal the amount of the original Response.
- 3.) Withdrawn Response may be resubmitted up to the date and time designated for the receipt of Responses if they are then fully in conformance with these Instructions to Providers.

3.6 DUE DILIGENCE

- 1.) Prior to submitting a bid, each Provider shall make all investigations and examinations necessary to ascertain conditions and requirements affecting the operation of the proposed services. Failure to make such investigation and examinations shall not relieve the successful Provider for the obligation to comply, in every detail, with all provisions and requirements, nor shall it be a basis for any claim whatsoever for alteration in any provision required by the Contract.

3.7 CONDITIONS AND LIMITATIONS

- 1.) The bids and any information made a part of the bids will become part of ASM GLOBAL's official files without any obligation on ASM GLOBAL's part to return them to the individual Provider(s).
- 2.) This RFP and the selected Provider(s) bid may, by reference, become part of any formal Contract between ASM GLOBAL and Provider resulting from this solicitation.
- 3.) Provider(s) shall not offer any gratuities, favors, or anything of monetary value to any official or employee of ASM GLOBAL for the purpose of influencing consideration of a bid.

3.8 NO CONTACT POLICY

- 1.) Prior to the Response Due Date and after receipt of bids by ASM GLOBAL, and until the award of this Contract, no Provider, subcontractor to Provider shall contact or communicate, in any manner, with the following parties concerning matters directly related to this Contract:
 - a) any member of the Huntington Convention Center of Cleveland /Global Center for Health Innovation, ASM GLOBAL, the Cuyahoga County

Convention Facilities Development Corporation, any employee or agent thereof, except in the manner described herein; except as noted below in 3.8 - 2

- b) any elected official or employee of the State of Ohio or the County of Cuyahoga, OH.
- 2.) All comments and questions (requests for information) concerning this Request for bid and the corresponding procedures and requirements must be addresses in writing, via email to the following:

Huntington Convention Center of Cleveland

Mike Campo

Email: mcampo@clevelandconventions.com

ASM GLOBAL will respond to all comments and questions to all Providers within three to five (3-5) days of the request being received. All requests for information must be received by ASM GLOBAL at least seven (7) days prior to the Response Due Date to receive consideration. ASM GLOBAL will not be responsible for comments and/or answers received in any manner other than as described above.

- 3.) Any contact violation of the above instructions shall be grounds for disqualification and/or rejection of a Response, and in the case of a subcontractor, the preclusion of that subcontractor providing services for the Project. Each Provider is responsible for notifying its prospective subcontractors of these instructions.

ARTICLE 4

CONSIDERATION OF RESPONSES

4.1 OPENING OF RESPONSES

- 1.) The properly identified Responses received on time will be opened and acknowledged.
- 2.) To be considered for the award, a Provider must be experienced in the business of providing the Scope of Services required by this RFP and must have a business phone and be available for consultation.

4.2 REJECTION OF RESPONSES.

- 1.) ASM GLOBAL shall have the right to reject any or all Responses, reject a Response not accompanied by the data required by the RFP, or reject a Response, which is in any way incomplete or irregular.

4.3 ACCEPTANCE OF A RESPONSE

- 1.) It is the intent of ASM GLOBAL to award a contract to the qualified Provider submitting the response, which is in the best interest of the Facility, provided the Response has been submitted in accordance with the requirements of the RFP. ASM GLOBAL shall have the right to accept the Response which in its judgment, is in the best interest of the Facility.
- 2.) Following the evaluation of written bids, Provider(s) may be requested to offer oral presentation to ASM GLOBAL or provide clarification regarding its Response. Failure to comply with such a request will disqualify Provider from consideration.

4.4 TIME OF AWARD

- 1.) Responses will be irrevocable for 30 days from the date of opening. It is the intent of ASM GLOBAL to enter into contract negotiations with the Provider under consideration for the provision of Services herein described of the highest quality obtainable for the most reasonable price.
- 2.) This RFP does not commit ASM GLOBAL to the awarding of a Contract.
- 3.) ASM GLOBAL will not be liable for any costs incurred in the preparation and/or presentation of the Responses.

ARTICLE 5

FORM OF AGREEMENT BETWEEN ASM GLOBAL AND PROVIDER

5.1 FORM OF AGREEMENT

- 1.) The successful Provider will be required to enter a written contract with ASM GLOBAL. For informational purposes, several of the pertinent matters of the Agreement have been included below:
- 2.) The Response of the awarded Provider, along with any addendum or amendments thereof, shall be incorporated into the Agreement.
- 3.) Term: Provider and ASM GLOBAL shall enter into a service contract which shall not expire until the Services are complete to the reasonable satisfaction of ASM GLOBAL. Applicable warranties shall apply beyond the project completion date and shall be

spelled out in the contract. Despite anything contained herein to the contrary ASM GLOBAL may terminate this Agreement at any time and for any reason upon providing forty-five (45) days-notice to Provider.

- 4.) The successful Provider will be required to obtain and maintain in force always during the term of the agreement as a direct cost of operation, insurance coverage as directed by ASM GLOBAL. Such coverage will be obtained from an insurance company authorized and licensed to do business in the State of Ohio and rated not less than A-VIII by the most current Best's Manual. Furthermore, said insurance company or companies must be approved by ASM GLOBAL. It is anticipated that such coverage shall include the following:
- a. Comprehensive General Liability Coverage in the amount of \$2,000,000. This coverage must be written on an occurrence form, claims made policies will be unacceptable to ASM GLOBAL. This Comprehensive General Liability insurance shall cover the Contractor, ASM Global Parent Inc., SMG, the County of Cuyahoga, OH, the Cuyahoga County Convention Facilities Development Corporation (CCCFDC), and their employees, agents, and officers from and against any claim arising out of personal injury of Provider or the Provider's failure to comply with the terms of this Contract. Such policy or policies of insurance shall include coverage for claims of any persons because of an incident directly or indirectly related to the employment of such persons by a Provider or by any other persons. This coverage shall include blanket contractual insurance and such coverage shall make express reference to the indemnification provisions set forth in this agreement. The policy shall also be endorsed to include coverage for products, completed operations, and independent contractors.
 - b. Workers' Compensation Coverage shall comply with all State and Federal requirements for all employees of Provider and will be in statutory required limits.
 - c. Excess Liability Coverage, in the amount of \$2,000,000 shall be in the form of an Umbrella policy rather than a following form excess policy. This policy or policies shall be specifically endorsed to be excess of the required Comprehensive General Liability Coverage, the Employers' Liability Coverage on the Workers' Compensation policy, and the Comprehensive Automobile Liability policy.
 - d. Comprehensive Automobile Liability Coverage, in an amount not less than \$1,000,000.00, shall be maintained. Such coverage will include all owned, non-owned, leased and/or hired motor vehicles, which may be used by Provider about the services, required under the Contract.

- e. All such insurance coverage, except for Workers' Compensation, shall name ASM GLOBAL, the County of Cuyahoga, OH, the Cuyahoga County Convention Facilities Development Corporation and their employees, agents, officers, and directors as additional insured thereunder.
- f. Provider shall waive any and every claim against ASM Global Parent, Inc., SMG, County of Cuyahoga, OH, the Cuyahoga County Convention Facilities Development Corporation and their respective agents and employees which arises or may arise in their favor for all loss or damage to any of its property. If any policy does not presently contain provisions which permit such a waiver, the contractor agrees to obtain an endorsement to its insurance policies permitting such waiver of subrogation.
- g. Indemnification: The Provider shall defend, indemnify, and hold harmless ASM Global Parent, Inc., SMG, the County of Cuyahoga, OH, and the Cuyahoga County Convention Facilities Development Corporation and Members, Officers, and their employees from, and against all claims, suits, judgments, expense, and costs of every kind and description, by reason of injury to persons or damage to property, resulting or alleged to result from any act or omission of the Provider or his employees or agents, including, but not limited to expenses or claims related to environment contamination, injury or clean up.

5.) All licenses and/or permits will be provided by the Provider.

Provider shall at all times observe and comply with all applicable federal, state and local laws, ordinances, rules and regulations and shall indemnify, save and hold harmless, ASM GLOBAL, and the Cuyahoga County Convention Facilities Development Corporation and all of their officers, agents and employees against any and all claims or liability arising from or in connection with the violation of any such law, ordinance, rule or regulation, whether such violation is caused by Provider, or its agents, employees, suppliers, or subcontractors.

- 6.) ASM GLOBAL requires that Provider shall not discriminate against any person or group of persons based upon race, creed, sex, sexual orientation, religion, color, age, veteran status, national origin, or ancestry.**
- 7.) Conflicts of Interest: The Provider must state in its proposal, as of the date of the Response that it knows of no conflicts of interest which would be created by its contract for the project. It will be the continuing duty of the selected Provider to report all potential conflicts of interest to ASM GLOBAL.**

- 8.) Prevailing Law: The Provider and subcontractors must comply with all local, state, and federal laws, rules, and regulations applicable to this Agreement and to the services performed hereunder.
- 9.) Either party may terminate this Agreement if the other commits a material breach of the Agreement; provided, however, that the terminating party has given the other party written notice of the breach and the other party has failed to remedy or cure the breach within thirty (30) days of such notice.
- 10.) Warranty: At a minimum all materials and equipment shall be fully guaranteed against defects in parts workmanship and labor for a minimum of (2) two years. The provider shall list and supply additional manufacturer's standard guarantees and all other equipment, fixtures, parts, and control.

5.2 EVALUATION CRITERIA

- 1.) The successful Provider shall be determined by the following criteria:
 - a. General Qualifications: Includes but not limited to Providers overall experience, resources, financial capabilities, qualifications and levels of service and responsiveness to be provided. Also, includes Providers detailed work and technical plans and approach to the services as well as their commitment to sustainability.
 - b) Financial Proposal: Includes the proposed pricing to perform the Services described within Attachment A.
 - c) Certified Diversity Business participation (MBE, SBE, WBE).
 - d) References.
 - e) Oral Presentation/Interviews (optional)
- 2.) ASM GLOBAL reserves the right to award or not award the contract based on the initial response.
- 3.) (Optional) Oral Presentations/interviews will be held during the tentative dates shown within 2.1 Critical Dates. The provider will be given approximately 45 minutes to make a presentation and respond to questions. Providers will be limited to an attendance of five (5) individuals to participate in the process.

ARTICLE 6

SCOPE OF WORK (THE SERVICES)

6.0 Provider's services (the Services) shall include, but not be limited to the following:

- 1.) **See Attachment "A"**

ATTACHMENT A

HUNTINGTON CONVENTION CENTER OF CLEVELAND

SCOPE

I. GENERAL

1. Construction Schedule: Provider shall perform its Services pursuant in accordance with this RFP.
2. Provider shall hold all subcontracts and shall be fully responsible for the means and methods of construction, project safety, project completion, monitoring compliance with local residency, equal employment, and prevailing wage requirements as well as the submittal of construction meeting minutes and progress reports to ASM GLOBAL as requested.
3. Provider shall place adequate ASM GLOBAL approved protection to all surfaces impacted by this project including but not limited to ground plates.
4. Provider shall keep construction site safe, free of hazards, neat and tidy at all times and shall cover and/or shield the work site during non-working hours.

5. Work Plan Requirements: Provider is responsible for gathering all information including any applicable drawings or specifications necessary to be able to propose a Work Plan that is effective, efficient and in-line with Facility standards.
6. Documents: Provider shall prepare and submit technical plans/work plan, reports, and red line drawings as requested by ASM GLOBAL. The reports shall conform to document formats previously approved by ASM GLOBAL. ASM GLOBAL shall supply Provider with any existing drawings/specifications related to the project as reasonably requested by Provider. Provider shall update these technical drawings as necessary to complete Work Plan and repair, renovation, upgrade, and maintenance activities. Red line drawings shall be submitted to ASM GLOBAL's designated project manager.
7. Provider acknowledges that the Facility is currently under construction and agrees to coordinate its work plan and labor so that its services are performed efficiently, effectively and maintain labor harmony with current Design Builder, Turner Construction Company in the best interests of ASM Global and Owner.
8. For the sake of clarity Provider does not need to run any data or power to the location of the screens. Power and data is either pre-existing or will be done by the current General Contractor(Turner Construction) for the ongoing HCCC Expansion project.

II. LABOR

1. The provider agrees to obtain and maintain at its own expense all necessary labor, licenses, permits, tools, equipment, and supplies required.
2. Construction hours for the project shall be scheduled between the hours of 7am – 11:30pm Monday through Sunday. Flexibility will be needed to limit business interruptions to the Facility because of the events ASM GLOBAL does at the Facility.
3. The provider shall designate and as needed update a listing of its personnel to provide the services detailed herein and shall designate and maintain a primary point of contact for ASM GLOBAL related to the services. This primary contract shall be available always to handle and respond to any issues that arise with regards to the services.
4. The provider shall use only trained, licensed, competent, and efficient personnel in the performance of its obligations hereunder. Providers of labor must be uniformly dressed, have a neat and clean appearance, and shall always conduct themselves in a professional manner. Providers shall work within the confines of any existing collective bargaining agreements, Facility jurisdictions and always maintain labor harmony. Prevailing wage does apply to this project.
5. Provider's personnel will sign-in and out at the area of the Facility commonly referred to as the Employee Entrance and agree to fully cooperate with ASM GLOBAL's safety and security policies and procedures.

EXHIBIT A

The below schedule details Providers total proposed costs including any applicable taxes for the project per Attachment A. These prices are to include all costs to complete the Services as detailed herein. All fees shall be based on time and material and there shall be a total fee provided as a not to exceed amount.

Bid Form

To: ASM GLOBAL at the Huntington Convention Center of Cleveland located at 1 St. Clair Ave. NE Cleveland, OH 44114

For: Performing the Services necessary for LED Lighting Upgrade as defined within this RFP and Attachment A including but not limited to the Bill of Materials.

Date: _____ (Provider to enter date)

Submitted By: _____ (Provider's Full Name)

_____ (Provider's Address)

Offer: Having examined the Services including but not limited to the Bill of Materials and all matters referred to in the RFP, we, the undersigned, hereby offer to enter into a contract to perform the work for a Total Sum including applicable taxes and shipping of:

- i. ***Equipment (Bill of Materials) for a sum of \$ _____ Dollars**
- ii. ***Labor for a sum of \$ _____ Dollars**
- iii. **Total Project for a sum of \$ _____ Dollars (Tax Included)**

*In addition to the above Fee breakdown Provider shall supply an itemized description in line-item format for i and ii above within the below Quotation Sheets including labor (hourly rate, # of hours expected) and Equipment (item name, unit quantity and unit cost). ASM GLOBAL reserves the right to adjust the scope and reduce/add items as deemed in its best interests and within its budgetary restrictions.

This offer shall be open to acceptance and is irrevocable for ninety days from the bid's closing date.

If this bid is accepted by the Owner, the Owner will issue an Agreement to Provider for review and signature. Commencement of work shall be within fourteen days upon the execution of the Agreement.

Bid Form Signatures

_____	_____	_____
(Print Name-Authorized Corporate Officer)	Title	Date

_____	_____	_____
(Sign Name Authorized Corporate Officer)	Title	Date

EXHIBIT B

ALTERNATE SOLUTIONS PROPOSED

- In addition to Providers detailing their proposal as per the items contained herein, Providers may put forth alternative proposals for ASM GLOBAL to consider. ASM GLOBAL recognizes Providers inherent ability and knowledge to do so and ASM GLOBAL reserves the sole right to consider such approaches and further reserves the right if necessary to obtain additional details from said Provider regarding said proposal. Providers shall detail any alternative approaches or proposals for ASM GLOBAL to consider below:

EXHIBIT C

WORK AND TECHNICAL PLANS

- Provider shall provide detailed work and technical plans that describes their understanding of the Scope of Services as well as their strategies, methodologies, resources, work timelines and action plan to accomplish the requirements defined within Attachment A.

EXHIBIT D

Drawings

LUMINAIRE SCHEDULE - LED										
TYPE	MOUNTING	LUMENS	CCT	CRI	DRIVER(S)		WATTAGE	VOLTAGE	LUMINAIRE DESCRIPTION	ACCEPTABLE MANUFACTURERS
					TYPE	QTY				
F2B	RECESSED	4080	4000	80	ECO	1	36 W	UNIV	4"Wx5.06"Dx4" LONG LUMINAIRE WITH ALUMINUM HOUSING, SATIN SNAP-IN LENS, AND WHITE FINISH.	NEO-RAY S124
F6	RECESSED	1038	3500	80	-	1	22 W	UNIV	EXISTING LUMINAIRE SHALL REMAIN. EC SHALL REPLACE LAMPS WITHIN LUMINAIRE WITH NEW LED T5 LAMP. COORDINATE LAMP LENGTH WITH EXISTING FIXTURE.	T5 TYPE LED BULB
F7	SURFACE	2900	3500	85	0-10V	1	31 W	UNIV	EXISTING LUMINAIRE SHALL REMAIN. EC SHALL REPLACE BALLASTS AND LAMPS WITHIN LUMINAIRE WITH NEW LED T5 LAMP WITH INTEGRAL DRIVER. COORDINATE LAMP LENGTH WITH EXISTING FIXTURE.	T5 TYPE LED BULB
F7A	SURFACE	2100	3500	80	0-10V	1	23 W	UNIV	EXISTING LUMINAIRE SHALL REMAIN. EC SHALL REPLACE BALLASTS AND LAMPS WITHIN LUMINAIRE WITH NEW LED T5 LAMP WITH INTEGRAL DRIVER. COORDINATE LAMP LENGTH WITH EXISTING FIXTURE.	T5 TYPE LED BULB
F8	RECESSED	1500	4000	90	0-10V	1	23 W	UNIV	4" DIAMETER, 8" DEEP RETROFIT DOWNLIGHT WITH SELF-FLANGED, SEMI-DIFFUSE (HAZE) CLEAR, LOW IRIDESCENT ALUMINUM REFLECTOR, MEDIUM BEAM DISTRIBUTION, AND WHITE PAINTED FLANGE.	PORTFOLIO LDR4C
F8B	RECESSED	2500	4000	90	0-10V	1	32 W	277 V	4" SQUARE APERTURE, 8" DEEP DOWNLIGHT WITH SELF-FLANGED, SEMI-DIFFUSE (HAZE) CLEAR, LOW IRIDESCENT ALUMINUM REFLECTOR, MEDIUM BEAM DISTRIBUTION, AND WHITE PAINTED FLANGE.	PORTFOLIO LDSQ4B
F12	RECESSED	4080	4000	80	ECO	1	36 W	UNIV	3.8"Wx5.5"Dx4" LONG LUMINAIRE WITH ALUMINUM HOUSING, SATIN SNAP-IN LENS, AND WHITE FINISH.	NEO-RAY S124
F14A	RECESSED	5000	4000	90	0-10V	1	27 W	UNIV	4" SQUARE APERTURE, 8.4" DEEP DOWNLIGHT WITH SELF-FLANGED, LOW IRIDESCENT ALUMINUM REFLECTOR, WIDE BEAM DISTRIBUTION, AND WHITE PAINTED FLANGE.	PORTFOLIO LD4C
F15	SURFACE	4125	4000	80	ECO	1	35 W	UNIV	4"Wx5.06"Dx4" LONG LUMINAIRE WITH ALUMINUM HOUSING, SATIN SNAP-IN LENS, AND WHITE FINISH.	NEO-RAY S124
F15A	SURFACE	4794	4000	80	ECO	1	41 W	UNIV	4"Wx5.06"Dx4" LONG LUMINAIRE WITH ALUMINUM HOUSING, SATIN SNAP-IN LENS, AND WHITE FINISH.	NEO-RAY S124
F18	RECESSED	4000	4000	80	ECO	1	42 W	UNIV	11" DIAMETER, 9" DEEP RETROFIT DOWNLIGHT WITH SELF-FLANGED, SEMI-DIFFUSE (HAZE) CLEAR, LOW IRIDESCENT ALUMINUM REFLECTOR, MEDIUM BEAM DISTRIBUTION, AND WHITE PAINTED FLANGE.	PORTFOLIO LDR8T10B
F31	RECESSED	315	4000	95	ELV	1	4 W	UNIV	8" LONG X 2" WIDE X 1-1/4" TALL LUMINAIRE WITH ALUMINUM BODY, POLYCARBONATE SELF-LOCKING MOUNTING BRACKET AND LENS, ALUMINUM HEAT SINK AND IP52 RATING.	MODA LIGHT MINI GRAZE
F122	RECESSED	1500	4000	90	NOTE 4	1	23 W	120 V	4" DIAMETER, 8" DEEP DOWNLIGHT WITH SELF-FLANGED, SEMI-DIFFUSE (HAZE) CLEAR, LOW IRIDESCENT ALUMINUM REFLECTOR, MEDIUM BEAM DISTRIBUTION, AND WHITE PAINTED FLANGE.	PORTFOLIO LD4C

LUMINAIRE SCHEDULE NOTES:

1. MOUNTED IN EITHER LAY-IN OR DRYWALL CEILING. COORDINATE WITH EXISTING CEILING TYPES AND PROVIDE PROPER MOUNTING ACCESSORIES.
2. SUSPENDED LUMINAIRES SHALL BE PROVIDED WITH INTERLOCK MOUNTING ACCESSORIES AS RECOMMENDED BY MANUFACTURER. EC SHALL PROVIDE INTER-WIRING AS REQUIRED. PROVIDE MATCHING PENDANTS AT EACH END OF ROW FOR CONCEALED CIRCUIT WIRING. PROVIDE AIRCRAFT CABLE SUSPENSIONS IN BETWEEN AS RECOMMENDED BY MANUFACTURER. PROVIDE MATCHING CEILING CANOPIES AT PENDANTS AND CABLES. PROVIDE ALL MOUNTING ACCESSORIES, INCLUDING JUNCTION BOXES, UNISTRUT AND THREADED RODS, FOR SUPPORT ABOVE CEILINGS AS RECOMMENDED BY THE MANUFACTURER. SUM OF RATINGS FOR MOUNTING AND SUPPORTING HARDWARE SHALL EXCEED THE WEIGHT OF EACH LUMINAIRE ASSEMBLY. VERIFY EXACT INSTALLATION METHODS WITH MANUFACTURER PRIOR TO BIDDING. COORDINATE EXACT PENDANT AND AIRCRAFT CABLE LENGTHS REQUIRED (BELOW AND ABOVE CEILING) WITH ARCHITECT'S FINAL LUMINAIRE ELEVATIONS. SUBMITTALS SHALL BE PROVIDED, INCLUDING 1/8" SCALE INSTALLATION DRAWINGS INDICATING LUMINAIRE LAYOUTS.
3. INSTALL LUMINAIRES AS RECOMMENDED BY THE MANUFACTURER'S INSTALLATION DRAWINGS.
4. EXISTING DIMMING SYSTEM USED 2-WIRE LINE VOLTAGE DIMMING. EC SHALL PROVIDE FIXTURE WITH TRIAC/REVERSE PHASE DRIVER FOR FIXTURE.
5. BIDDING: FIXTURE INSTALLED IN GYP CEILING. EC SHALL BID FOR FULL REMOVAL OF EXISTING FIXTURE. THIS INCLUDES: EXISTING FIXTURE REMOVAL, NEW FIXTURE INSTALL, REPAIR DRYWALL, AND PAINT CEILING TO MATCH ORIGINAL COLOR.
6. F15 AND F15A FIXTURE INSTALLED ABOVE DECORATIVE CEILING SYSTEM. CONTRACTOR TO INCLUDE IN BID ALL TIME ASSOCIATED WITH CAREFULLY REMOVING AND REINSTALLING THIS CEILING TO INSTALL NEW FIXTURES. ONLY SMALL SECTIONS OF THE CEILING WILL BE ALLOWED TO BE REMOVED AT A TIME. COORDINATE SPECIFIC REQUIREMENTS WITH THE OWNER BASED ON EVENT SCHEDULE.
7. PROVIDE LUTRON 0-10V DIMMING INTERFACE (GRX-TVI) AND LUTRON ECOSYSTEM MODULE (CS-BMJ-16A) FOR LIGHTING CONTROL TO MATCH EXISTING SYSTEM.
8. MOUNTED IN EXTERIOR CEILING. COORDINATE WITH EXISTING CEILING TYPES AND PROVIDE PROPER MOUNTING ACCESSORIES.
9. EXISTING NEORAY COVE LUMINAIRE SHALL REMAIN. INSTALL NEW LED STRIP FIXTURES WITHIN EXISTING LUMINAIRE. INSTALLATION SHALL MATCH LAST PHASE OF WORK.
10. UNDER PRICE #3, LUMINAIRES SHALL BE PROVIDED WITH ECOSYSTEM DRIVERS.
11. LED REPLACEMENT TUBES PROVIDED WITH INTEGRAL DRIVER FOR ON / OFF CONTROL.

GENERAL LUMINAIRE NOTES

- A. FIRST MANUFACTURER'S NAME LISTED IN ACCEPTABLE MANUFACTURERS COLUMN IS BASIS OF THE DESIGN. ALTERNATE MANUFACTURERS LISTED SHALL HAVE SIMILAR LUMEN OUTPUT, DIMMING COMPATIBILITY, BEAM DISTRIBUTION, LED COLOR, ETC., AND IS THE RESPONSIBILITY OF THE EC TO SUBMIT EQUIVALENT PRODUCTS.
- B. ALTERNATES FOR LUMINAIRES WITHOUT EQUALS MUST BE PRE-APPROVED BY ENGINEER AND OWNER PRIOR TO BID.
- C. CATALOG SERIES ONLY INDICATED IN ACCEPTABLE MANUFACTURERS COLUMN. SUBMITTAL SHALL INCLUDE FULL MODEL NUMBER INCLUSIVE OF OPTIONS SPECIFIED.
- D. REFER TO LIGHTING SPECIFICATION SECTION FOR ADDITIONAL DRIVER AND/OR LAMP REQUIREMENTS. LAMP MANUFACTURERS LISTED SHALL BE PROVIDED. PROVIDE SHOP DRAWINGS AS REQUIRED BY ELECTRICAL. GENERAL PROVISIONS SPECIFICATION SECTION.
- E. ALL 0-10V DRIVERS SHALL BE 1% DIMMING TYPE. UON.
- F. TYPE 'ECO' DRIVER REPRESENTS LUTRON ECOSYSTEM. COORDINATE WITH MANUFACTURE FOR ADDITIONAL DRIVER INFORMATION.

ASHRAE 90.1-2019

LIGHTING COMPLIANCE DOCUMENTATION

THIS PROJECT IS A ONE-FOR-ONE REPLACEMENT OF ALL FIXTURES INDICATED WITHIN THE FOLLOWING SHEETS. THE EXISTING LUTON QUANTUM LIGHTING CONTROL SYSTEM SHALL BE MAINTAINED. THE LIGHTING CONTROL TYPES WITHIN THE SPACES ARE OCCUPANCY SENSORS AND TIME CLOCK.

a. MEETING ROOMS: TIME CLOCK. ON/OFF W/ DIMMING

b. PREFUNCTION: TIME CLOCK. ON/OFF W/ DIMMING

c. REST ROOM: OCCUPANCY SENSOR. ON/OFF

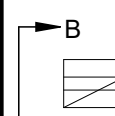


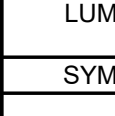



d. LAKESIDE ENTRANCE: TIME CLOCK. ON/OFF

THE REPLACEMENT FROM FLUORESCENT TO LED MEET THE WATTAGE REQUIREMENTS WITHIN THE LATEST ENERGY CODE:

EXISTING WATTAGE WITHIN AREA: ____ 91,880 ____ W

PROPOSED WATTAGE AFTER REPLACEMENT WITHIN AREA: ____ 46,669 ____ W

GENERAL ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
A	AMPERES
ADA	AMERICANS WITH DISABILITIES ACT
AF	AMP FUSED
AFCI	ARC-FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
AS	AMP SWITCH
BAS	BUILDING AUTOMATION SYSTEM
BFF	BELOW FINISHED FLOOR
C/B	CIRCUIT BREAKER
CCT	CORRELATED COLOR TEMPERATURE
CL	CENTER LINE
CM	CONSTRUCTION MANAGER
EC	ELECTRICAL CONTRACTOR
EMT	ELECTRICAL METALLIC TUBING
ETR	EXISTING ELECTRICAL DEVICE TO REMAIN
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER - PERSON PROTECTION
GFP	GROUND FAULT PROTECTION
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
KWC	KILOWATTS CONNECTED
KWD	KILOWATTS DEMAND
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
NEC	NATIONAL ELECTRICAL CODE
NEX	REMOVE EXISTING ELECTRICAL DEVICE AND INSTALL NEW ELECTRICAL DEVICE IN EXISTING OUTLET BOX. REFER TO NEW FLOOR PLANS FOR NEW DEVICE TYPE AND WIRING REQUIREMENTS. PROVIDE NEW COVERPLATE.
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
OBC	OHIO BUILDING CODE
OFE	OWNER FURNISHED EQUIPMENT
PC	PLUMBING CONTRACTOR
s	PHASE
RD	NEW LOCATION OF RELOCATED ELECTRICAL DEVICE
REX	REMOVE EXISTING ELECTRICAL DEVICE ALONG WITH RELATED CONDUIT AND WIRING. UON
RR	REMOVE AND RELOCATE EXISTING ELECTRICAL DEVICE AS SHOWN OR AS NOTED ON DRAWINGS
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLTS
W	WIRE

LIGHTING CIRCUITING GUIDE	
SYMBOL	DESCRIPTION
	X-1 LIGHTING CIRCUITING DESIGNATION X: PANEL NAME 1: CIRCUIT NUMBER
	a.b: LIGHTING CONTROL ZONE - STAND ALONE LIGHTING CONTROL
	z#f: ZONE CONTROLLER CONTROL - LOW VOLTAGE LIGHTING CONTROL SYSTEM
	i#f: INDIVIDUAL ZONE CONTROL
	r#f: RELAY CONTROL - LOW VOLTAGE LIGHTING CONTROL SYSTEM
	r#f: INDIVIDUAL RELAY NUMBER
LIGHTING DESIGNATION REFER TO LUMINAIRE SCHEDULE	
SYMBOL	DESCRIPTION
	LUMINAIRE WITH LIGHTING CONTROL FOR EGRESS WIRED TO EMERGENCY CIRCUIT (NEG 700) - AT CEILING, RECESSED OR SURFACE MOUNTED

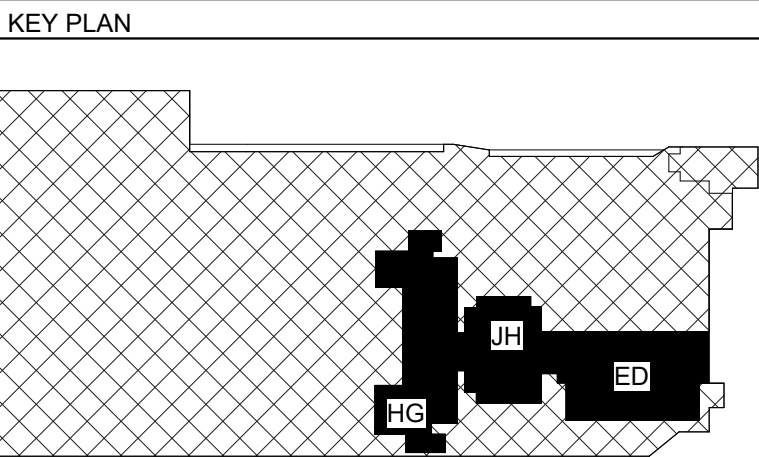
BIDDING NOTES:

- A. EC SHALL FIELD VERIFY EXISTING LINEAR LUMINAIRE LENGTHS PRIOR TO FIXTURE ORDERING. EXISTING LINEAR LUMINAIRE LENGTHS SHALL BE USED FOR CORRESPONDING LINEAR LUMINAIRES LENGTHS WITHIN NEW CONSTRUCTION. COORDINATE WITH LIGHTING REPRESENTATIVE.
- B. EC SHALL FIELD VERIFY EXISTING LUMINAIRE MOUNTING HARDWARE PRIOR TO FIXTURE ORDERING. EXISTING LUMINAIRE MOUNTING SHALL BE REMOVED AND REPLACED WITH NEW. EC SHALL CONFIRM NEW LUMINAIRE MOUNTING HARDWARE IS CORRECT FOR EACH CEILING TYPE (GYP, TILE GRID, ETC.).
- C. CONTRACTOR SHALL TURN OVER TO OWNER 100 FUNCTIONING F12 OR F15 FIXTURES TO SALVAGE PARTS. COORDINATE WITH OWNER.
- D. PROJECT WILL MAINTAIN THE LUTRON LIGHTING CONTROL SYSTEM. EC SHALL WORK WITH SYSTEM VENDOR FOR REPROGRAMMING OF NEW FIXTURE DRIVERS WITHIN EXISTING SYSTEM. INCLUDE ALL PROGRAMMING COSTS WITHIN BID.
- E. PROVIDE ALL LIFTS/SCAFFOLDING TO REACH AND REPLACE EXISTING FIXTURES.
- F. PROVIDE ALL EFFORT TO REMOVE AND REPLACE DECORATIVE CEILING SYSTEM IN THE PREFUNCTION AREAS.
- G. PROVIDE IN BID ALL DRYWALL REWORK AND PAINTING AS REQUIRED FOR FIXTURES IN GYP CEILINGS.
- H. PROVIDE SEPARATE PRICING FOR THE FOLLOWING AREAS:
PRICE #1 - MEETING ROOMS AND RESTROOMS
PRICE #2 - PREFUNCTION AREAS
PRICE #3 - MODIFY LUMINAIRE TYPES F14 / F14AE TO ECOSYSTEM CONTROL
PRICE #4 - REPLACE EXISTING LAKESIDE ENTRANCE EXTERIOR CANOPY FIXTURES SHOWN ON ED2-OLM AND E2-OLM

GENERAL ELECTRICAL NOTES:

- A. CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL LUMINAIRES AND CEILING MOUNTED DEVICES WITH EXISTING LUMINAIRES AND DEVICES.
- B. THE ELECTRICAL WIRING, CONNECTION AND PROTECTION REQUIREMENTS FOR OWNER FURNISHED EQUIPMENT SHALL BE VERIFIED IN THE FIELD WITH THE OWNER'S EQUIPMENT SUPPLIER, AND WITH THE NAMEPLATE DATA. CONTRACTOR SHALL FURNISH THE PROPER NEMA RECEPTACLE CONFIGURATIONS, CONNECTIONS, CORDS AND PLUGS, AND CIRCUITS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- C. ALL BRANCH CIRCUITS AND FEEDERS SHALL CONTAIN AN INSULATED GROUNDING CONDUCTOR IN ACCORDANCE WITH ELECTRICAL SERVICE AND POWER DISTRIBUTION SPECIFICATIONS. NEUTRAL CONDUCTORS SHALL NOT BE SHARED IN ACCORDANCE WITH ELECTRICAL BASIC MATERIALS AND METHODS SPECIFICATIONS.
- D. UTILIZATION OF THE PHRASE "PROVIDED BY" WITHIN THE CONTEXT OF THESE DOCUMENTS SHALL EXPLICITLY REPRESENT "FURNISHED AND INSTALLED BY".
- E. THE ELECTRICAL CONTRACTOR SHALL ASSUME REMOVING EXISTING CEILING TILES TO INSTALL NEW WORK AND REPLACING WITH EXISTING OR NEW CEILING TILES AS REQUIRED FOR THE INSTALLATION OF ALL WORK. THE AREAS INCLUDE SPACES IN THE NEW WORK AS INDICATED ON THE DRAWINGS AND AREAS NOT SHOWN WHERE THE CONTRACTOR IS REQUIRED TO INSTALL NEW WORK. DAMAGED TILES BY ELECTRICAL CONTRACTOR SHALL BE REPLACED TO MATCH EXISTING TILES AT ELECTRICAL CONTRACTOR'S EXPENSE.
- F. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING NECESSARY FOR INSTALLATION OF NEW WORK. CUTTING OF A STRUCTURAL MEMBER IS PROHIBITED WITHOUT SPECIFIC WRITTEN PERMISSION FROM THE ARCHITECT.

DRAWING LIST - ELECTRICAL	
NUMBER	NAME
E0-1	ELECTRICAL SYMBOL LEGEND, LUMINAIRE SCHEDULE AND GENERAL NOTES
E1-0ED	EXHIBIT HALL LEVEL LIGHTING PLAN - SECTOR E, D
E1-0HG	EXHIBIT HALL LEVEL LIGHTING PLAN - SECTOR H, G
E1-0JH	EXHIBIT HALL LEVEL LIGHTING PLAN - SECTOR J, H
E2-0LM	LAKESIDE ENTRY LEVEL LIGHTING PLAN - SECTOR L, M
ED1-0ED	EXHIBIT HALL LEVEL DEMOLITION PLAN - SECTOR E, D
ED1-0HG	EXHIBIT HALL LEVEL DEMOLITION PLAN - SECTOR H, G
ED1-0JH	EXHIBIT HALL LEVEL DEMOLITION PLAN - SECTOR J, H
ED2-0LM	LAKESIDE ENTRANCE LEVEL DEMOLITION PLAN - SECTOR L, M



CONSULTANTS

PROJECT NAME

CLEVELAND CONVENTION
CENTER LED UPGRADE

CLIENT NAME

HUNTINGTON CONVENTION
CENTER OF CLEVELAND
GLOBAL CENTER FOR HEALTH
INNOVATION
1 ST. CLAIR AVENUE NE
CLEVELAND, OH 44114

REV. NO.	DESCRIPTION	DATE

PROJECT NO: 2025-0009
DRAWN BY: ZJH
APPROVED BY: MEN
DATE: 03/12/2025

SCALE: NONE

SHEET TITLE
ELECTRICAL SYMBOL LEGEND,
LUMINAIRE SCHEDULE AND
GENERAL NOTES

SHEET NUMBER

E0-1

BIDDING PLAN NOTES:

PROVIDE SEPARATE PRICING FOR THE FOLLOWING AREAS:
PRICE #1 - MEETING ROOMS AND RESTROOMS
PRICE #2 - PREFUNCTION AREAS
PRICE #3 - MODIFY LUMINAIRE TYPES F14 / F14AE TO ECOSYSTEM CONTROL
PRICE #4 - REPLACE EXISTING LAKESIDE ENTRANCE EXTERIOR CANOPY FIXTURES SHOWN ON ED2-OLM AND E2-OLM

NEW CONSTRUCTION NOTE

ALL EXISTING LUMINAIRES ARE TO BE REMOVED AND REPLACED ONE-TO-ONE WITH NEW LED LUMINAIRES. EXTEND AND MODIFY AS REQUIRED EXISTING LIGHTING POWER AND LIGHTING CONTROL CIRCUITS FOR INSTALLATION OF NEW LUMINAIRES.

GENERAL SCOPE OF WORK NOTES:

- A. ALL EXIT SIGNS SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- B. ALL SIGNAGE SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- C. HATCHED AREAS ARE NOT WITHIN SCOPE OF PROJECT. ALL DEVICES, EQUIPMENT AND LUMINAIRES WITHIN HATCHED REGION SHALL REMAIN AND SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)

PLAN NOTES

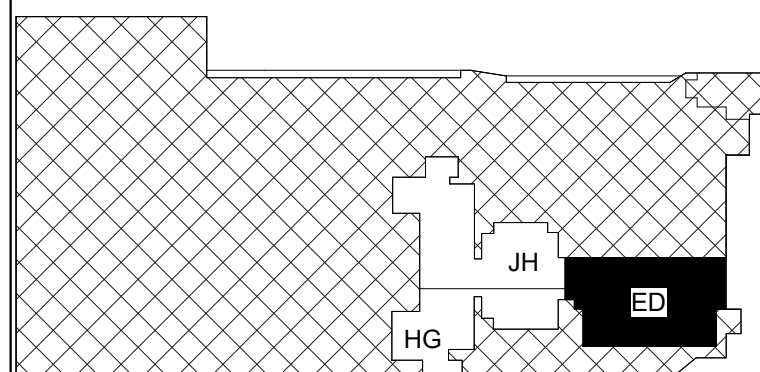
1. NEW LUMINAIRES ADDED TO EXISTING LINEAR RUN. EC SHALL PROVIDE ALL SUPPORT COMPONENTS NECESSARY (UNISTRUT, THREADED ROD, ETC) TO INSTALL LUMINAIRES AS SHOWN. EXISTING LIGHTING BRANCH CIRCUIT AND CONTROLS SHALL BE EXTENDED TO NEW LUMINAIRES.
2. EXISTING LIGHTING CONTROLS SHALL BE MODIFIED / RE-PROGRAMMED TO MATCH CONTROL FUNCTION PROVIDED FOR MEETING ROOMS WITHIN WEST CONCOURSE. VERIFY IN FIELD. CONTROLS SHALL INTEGRATE MOVABLE PARTITIONS SUCH THAT SPACES OPERATE SEPARATELY WHEN PARTITIONS ARE CLOSED AND COMBINE CONTROLS WITHIN SPACES WHEN PARTITIONS ARE OPENED.



3135 Euclid Ave.
Cleveland, OH 44115
216-391-3700 | karpinskieng.com



KEY PLAN



CONSULTANTS

PROJECT NAME

**CLEVELAND CONVENTION
CENTER LED UPGRADE**

CLIENT NAME

**HUNTINGTON CONVENTION
CENTER OF CLEVELAND
GLOBAL CENTER FOR HEALTH
INNOVATION
1 ST. CLAIR AVENUE NE
CLEVELAND, OH 44114**

REV. NO.	DESCRIPTION	DATE
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PROJECT NO: 2025-0009

DRAWN BY: BC

APPROVED BY: MEN

DATE: 03/12/2025

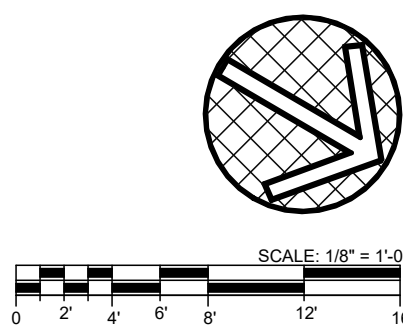
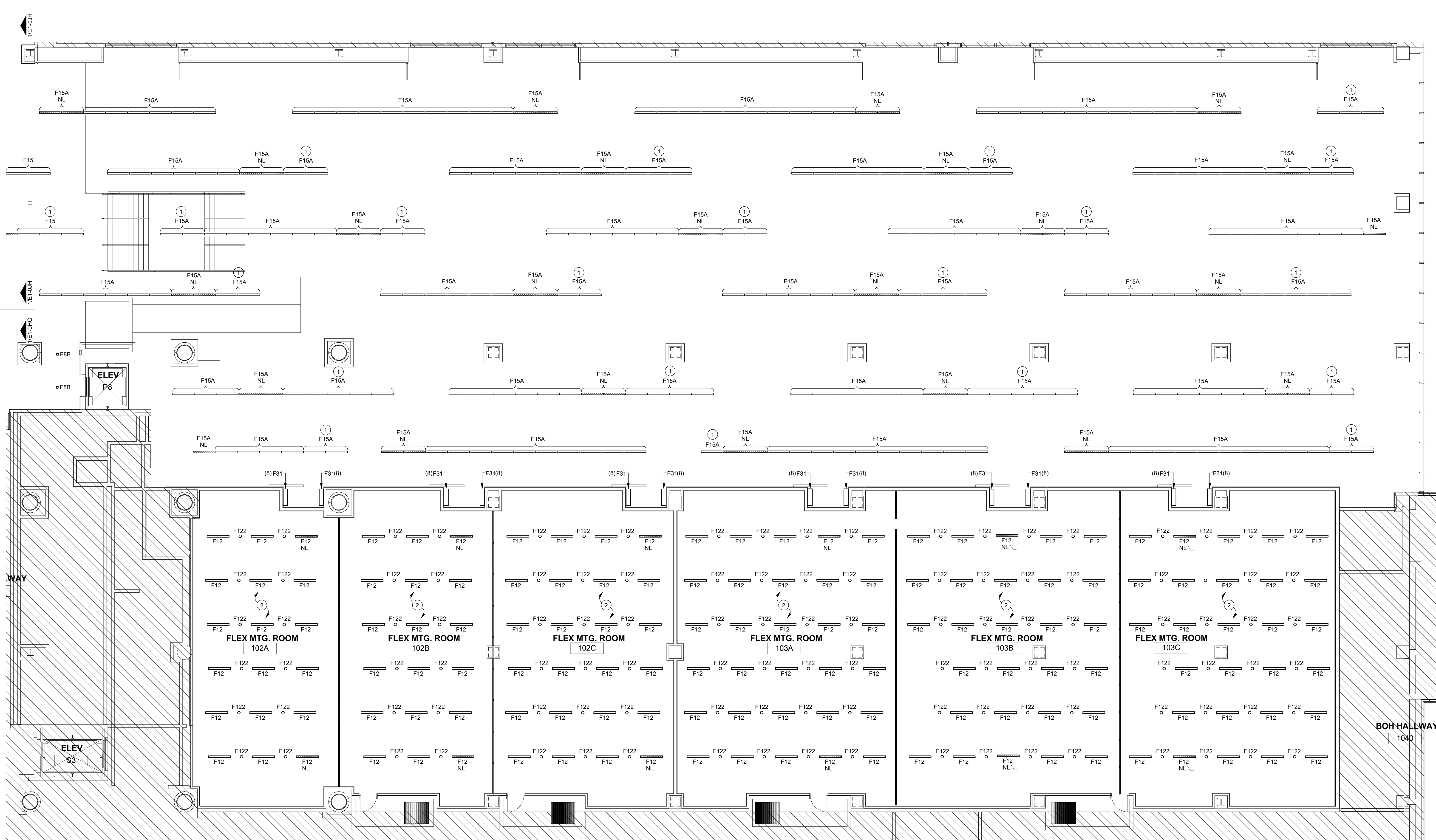
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SHEET TITLE

**EXHIBIT HALL LEVEL LIGHTING
PLAN - SECTOR E, D**

SHEET NUMBER

E1-0ED



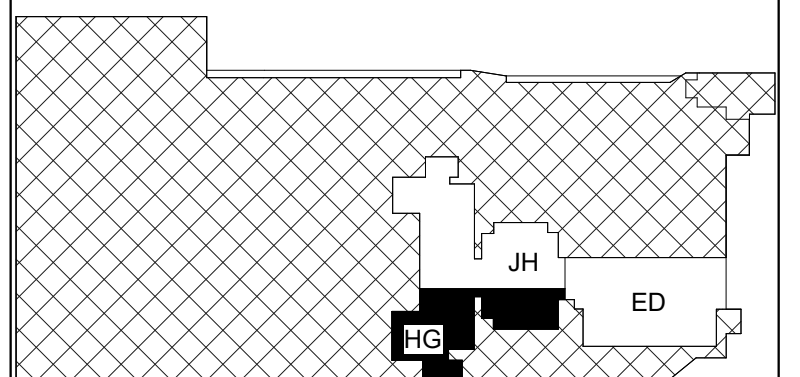
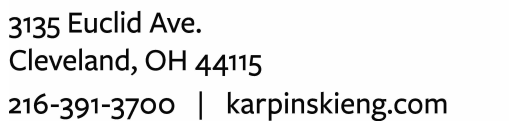
PROVIDE SEPARATE PRICING FOR THE FOLLOWING AREAS:
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 PRICE #2 - PREFUNCTION AREAS
 PRICE #3 - MODIFY LUMINAIRE TYPES F14 / F14AE TO ECOSYSTEM CONTROL
 PRICE #4 - REPLACE EXISTING LAKESIDE ENTRANCE EXTERIOR CANOPY FIXTURES SHOWN ON ED2-OLM AND E2-OLM

ALL EXISTING LUMINAIRES ARE TO BE REMOVED AND REPLACED ONE-TO-ONE WITH NEW LED LUMINAIRES. EXTEND AND MODIFY AS REQUIRED EXISTING LIGHTING POWER AND LIGHTING CONTROL CIRCUITS FOR INSTALLATION OF NEW LUMINAIRES.

- A. ALL EXIT SIGNS SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- B. ALL SIGNAGE SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- C. HATCHED AREAS ARE NOT WITHIN SCOPE OF PROJECT. ALL DEVICES, EQUIPMENT AND LUMINAIRES WITHIN HATCHED REGION SHALL REMAIN AND SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)

1 EXISTING LIGHTING CONTROLS SHALL BE MODIFIED /
REPROGRAMMED TO MATCH CONTROL FUNCTION PROVIDED
FOR MEETING ROOMS WITHIN WEST CONCOURSE; VERIFY IN
FIELD.

2 PROVIDE ALTERNATE PRICE TO PROVIDE LUTRON ECOSYSTEM
DIMMING CONTROL WITHIN PREFUNCTION 201. ALTERNATE PRICE
SHALL INCLUDE LUTRON ECOSYSTEM ENERGI SAVR NODES (ESN
AND LOW VOLTAGE WIRING TO EACH LUMINAIRE AS REQUIRED,
COORDINATE ZONING AND CONTROL FUNCTION REQUIREMENTS
WITH OWNER IN FIELD. ALL 277V BRANCH CIRCUITING (NORMAL /
EMERGENCY) SHALL REMAIN (ETR).



CONSULTANTS

PROJECT NAME

CLEVELAND CONVENTION CENTER LED UPGRADE

CLIENT NAME

**HUNTINGTON CONVENTION
CENTER OF CLEVELAND
GLOBAL CENTER FOR HEALTH
INNOVATION
1 ST. CLAIR AVENUE NE
CLEVELAND, OH 44114**

REV. NO.	DESCRIPTION	DATE
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PROJECT NO: 2025-0009

DRAWN BY: BC

APPROVED BY: MEN

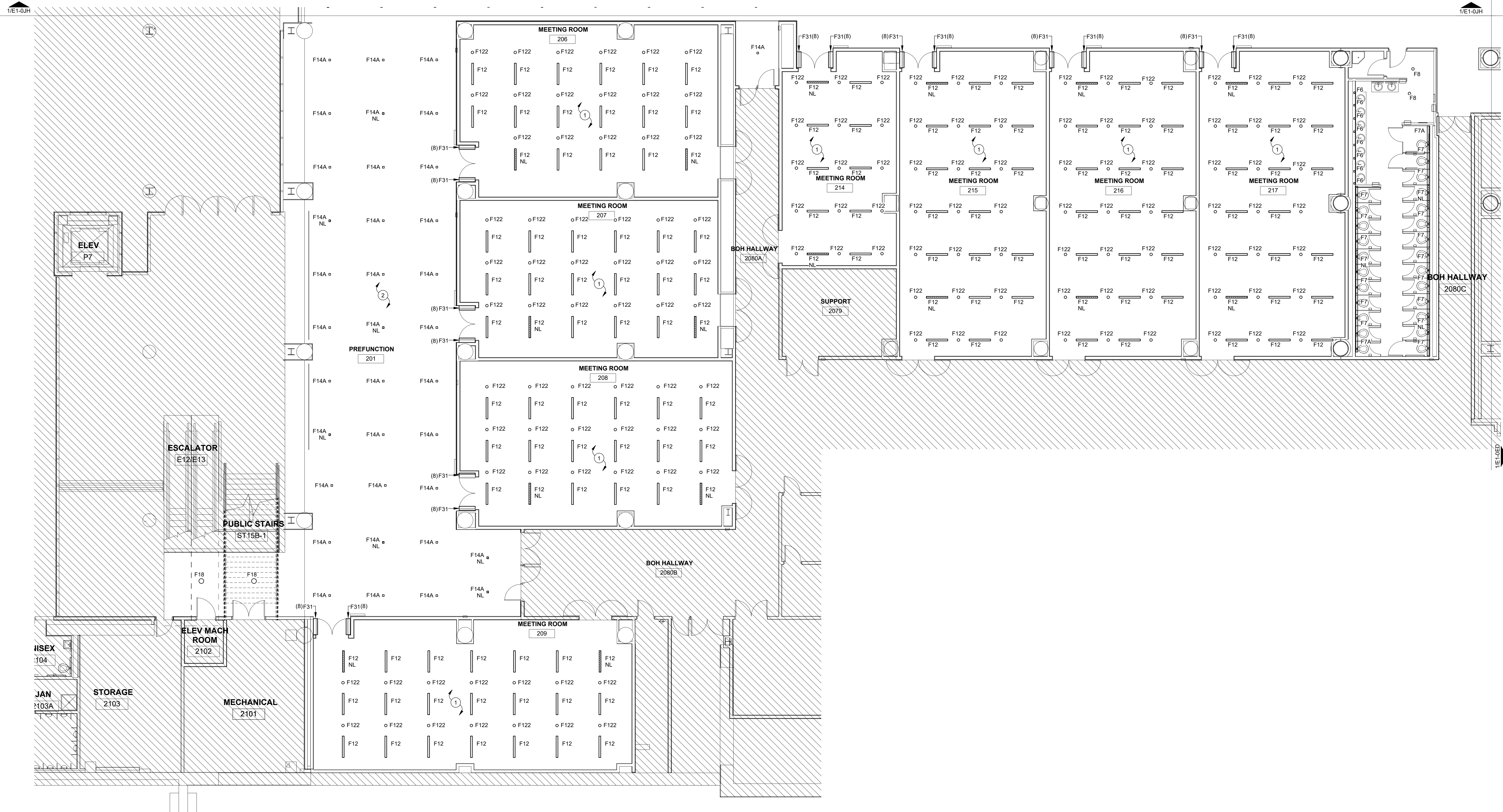
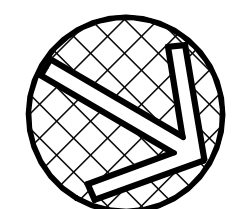
DATE: 03/12/2025

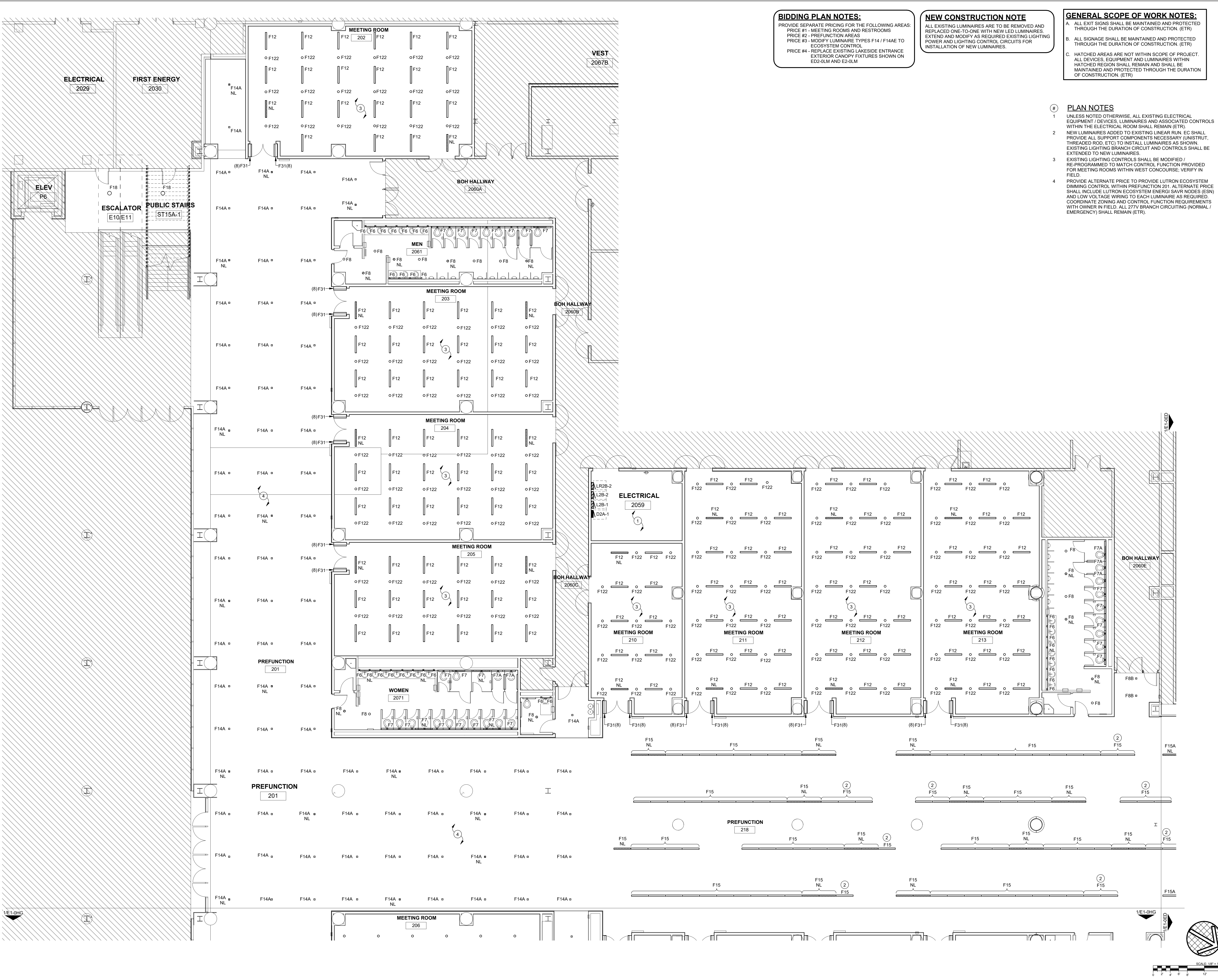
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SHEET TITLE
**EXHIBIT HALL LEVEL LIGHTING
PLAN - SECTOR H, G**

SHEET NUMBER

E1-0HG



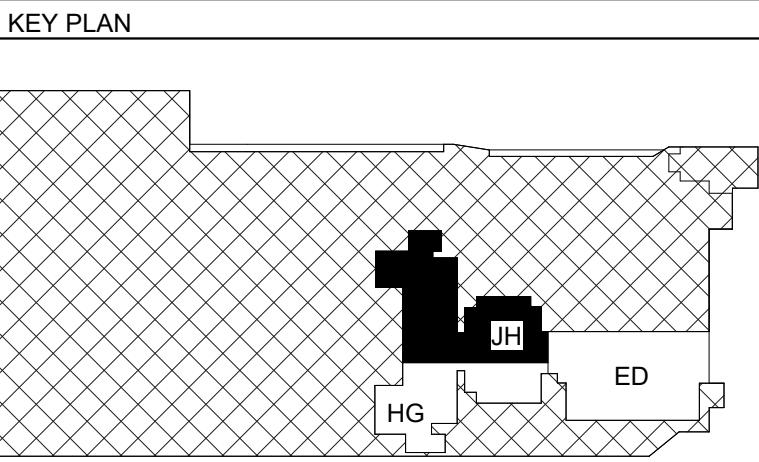


BIDDING PLAN NOTES:
PROVIDE SEPARATE PRICING FOR THE FOLLOWING AREAS:
PRICE #1 - MEETING ROOMS AND RESTROOMS
PRICE #2 - PREFUNCTION AREAS
PRICE #3 - MODIFY LUMINAIRE TYPES F14 / F14AE TO ECOSYSTEM CONTROL
PRICE #4 - REPLACE EXISTING LAKESIDE ENTRANCE EXTERIOR CANOPY FIXTURES SHOWN ON ED2-OLM AND E2-OLM

NEW CONSTRUCTION NOTE
ALL EXISTING LUMINAIRES ARE TO BE REMOVED AND REPLACED ONE-TO-ONE WITH NEW LED LUMINAIRES. EXTEND AND MODIFY AS REQUIRED EXISTING LIGHTING POWER AND LIGHTING CONTROL CIRCUITS FOR INSTALLATION OF NEW LUMINAIRES.

GENERAL SCOPE OF WORK NOTES:
A. ALL EXIT SIGNS SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
B. ALL SIGNAGE SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
C. HATCHED AREAS ARE NOT WITHIN SCOPE OF PROJECT. ALL DEVICES, EQUIPMENT AND LUMINAIRES WITHIN HATCHED REGION SHALL REMAIN AND SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)

- PLAN NOTES**
- UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL EQUIPMENT / DEVICES, LUMINAIRES AND ASSOCIATED CONTROLS WITHIN THE ELECTRICAL ROOM SHALL REMAIN (ETR).
 - NEW LUMINAIRES ADDED TO EXISTING LINEAR RUN, EG SHALL PROVIDE ALL SUPPORT COMPONENTS NECESSARY (UNISTRUT, THREADED ROD, ETC) TO INSTALL LUMINAIRES AS SHOWN. EXISTING LIGHTING BRANCH CIRCUIT AND CONTROLS SHALL BE EXTENDED TO NEW LUMINAIRES.
 - EXISTING LIGHTING CONTROLS SHALL BE MODIFIED / REPROGRAMMED TO MATCH CONTROL FUNCTION PROVIDED FOR MEETING ROOMS WITHIN WEST CONCOURSE; VERIFY IN FIELD.
 - PROVIDE ALTERNATE PRICE TO PROVIDE LUTRON ECOSYSTEM DIMMING CONTROL WITHIN PREFUNCTION 201. ALTERNATE PRICE SHALL INCLUDE LUTRON ECOSYSTEM ENERGI SAVR NODES (ESN) AND LOW VOLTAGE WIRING TO EACH LUMINAIRE AS REQUIRED. COORDINATE ZONING AND CONTROL FUNCTION REQUIREMENTS WITH OWNER IN FIELD. ALL 277V BRANCH CIRCUITING (NORMAL / EMERGENCY) SHALL REMAIN (ETR).



CONSULTANTS

PROJECT NAME
**CLEVELAND CONVENTION
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CLIENT NAME
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INNOVATION
1 ST. CLAIR AVENUE NE
CLEVELAND, OH 44114**

REV. NO.	DESCRIPTION	DATE
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PROJECT NO: 2025-0009
DRAWN BY: BC
APPROVED BY: MEN
DATE: 03/12/2025

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

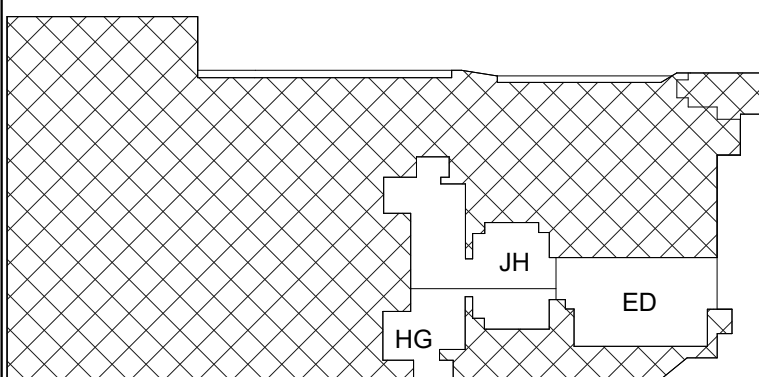
SHEET TITLE
**EXHIBIT HALL LEVEL LIGHTING
PLAN - SECTOR J, H**

SHEET NUMBER

E1-0JH



KEY PLAN



CONSULTANTS

PROJECT NAME

CLEVELAND CONVENTION
CENTER LED UPGRADE

CLIENT NAME

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CENTER OF CLEVELAND
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1 ST. CLAIR AVENUE NE
CLEVELAND, OH 44114

REV. NO. DESCRIPTION DATE

PROJECT NO: 2025-0009

DRAWN BY: BC

APPROVED BY: MEN

DATE: 03/12/2025

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

SHEET TITLE

LAKESIDE ENTRY LEVEL LIGHTING
PLAN - SECTOR L, M

SHEET NUMBER

E2-0LM

BIDDING PLAN NOTES:

PROVIDE SEPARATE PRICING FOR THE FOLLOWING AREAS:
PRICE #1 - MEETING ROOMS AND RESTROOMS
PRICE #2 - PREFUNCTION AREAS
PRICE #3 - MODIFY LUMINAIRE TYPES F14 / F14AE TO
ECOSYSTEM CONTROL
PRICE #4 - REPLACE EXISTING LAKESIDE ENTRANCE
EXTERIOR CANOPY FIXTURES SHOWN ON
E02-0LM AND E2-0LM

NEW CONSTRUCTION NOTE

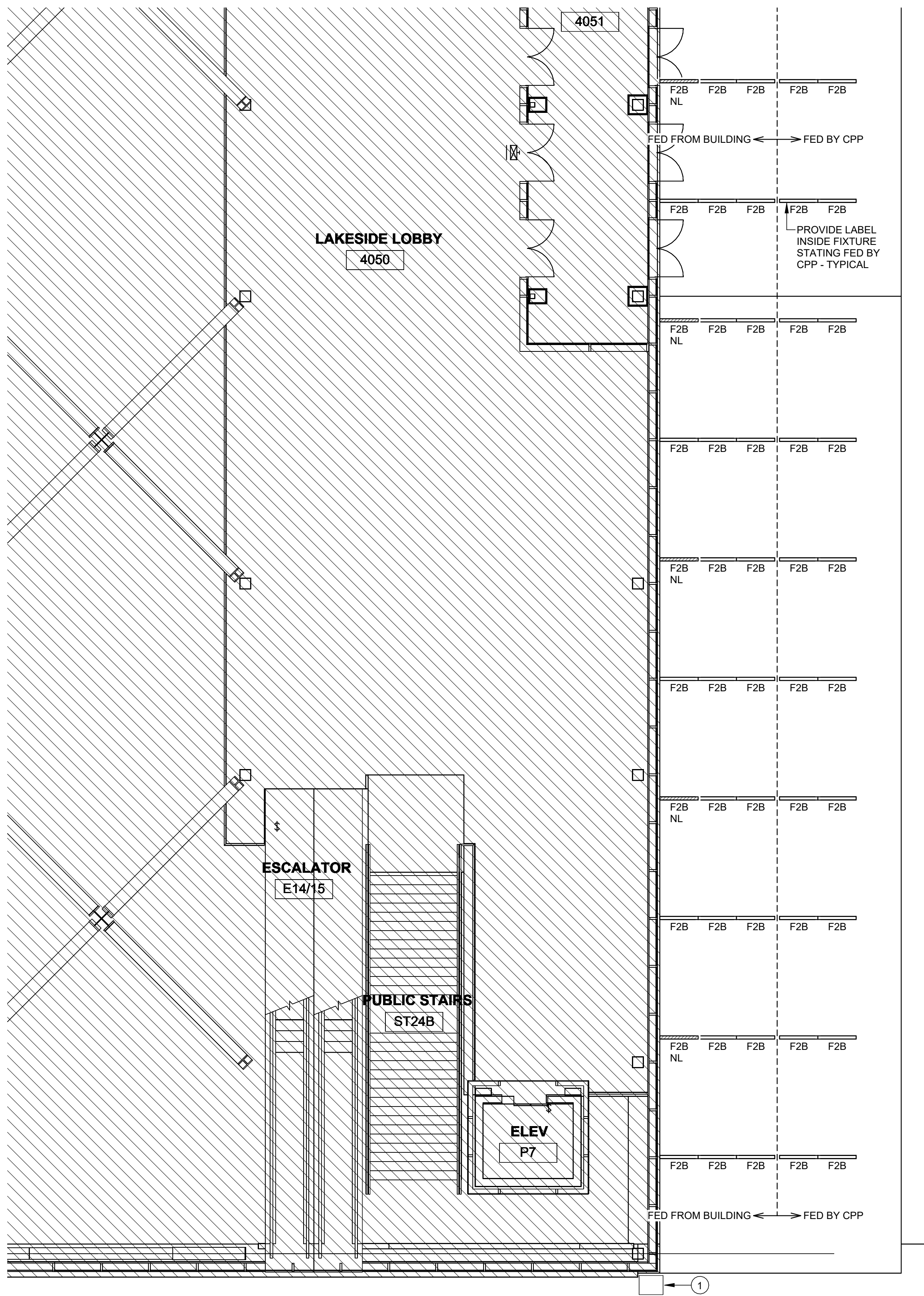
ALL EXISTING LUMINAIRES ARE TO BE REMOVED AND
REPLACED ONE-TO-ONE WITH NEW LED LUMINAIRES.
EXTEND AND MODIFY AS REQUIRED EXISTING LIGHTING
POWER AND LIGHTING CONTROL CIRCUITS FOR
INSTALLATION OF NEW LUMINAIRES.

GENERAL SCOPE OF WORK NOTES:

- A. ALL EXIT SIGNS SHALL BE MAINTAINED AND PROTECTED
THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- B. ALL SIGNAGE SHALL BE MAINTAINED AND PROTECTED
THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- C. HATCHED AREAS ARE NOT WITHIN SCOPE OF PROJECT.
ALL DEVICES, EQUIPMENT AND LUMINAIRES WITHIN
HATCHED REGION SHALL REMAIN AND SHALL BE
MAINTAINED AND PROTECTED THROUGH THE DURATION
OF CONSTRUCTION. (ETR)

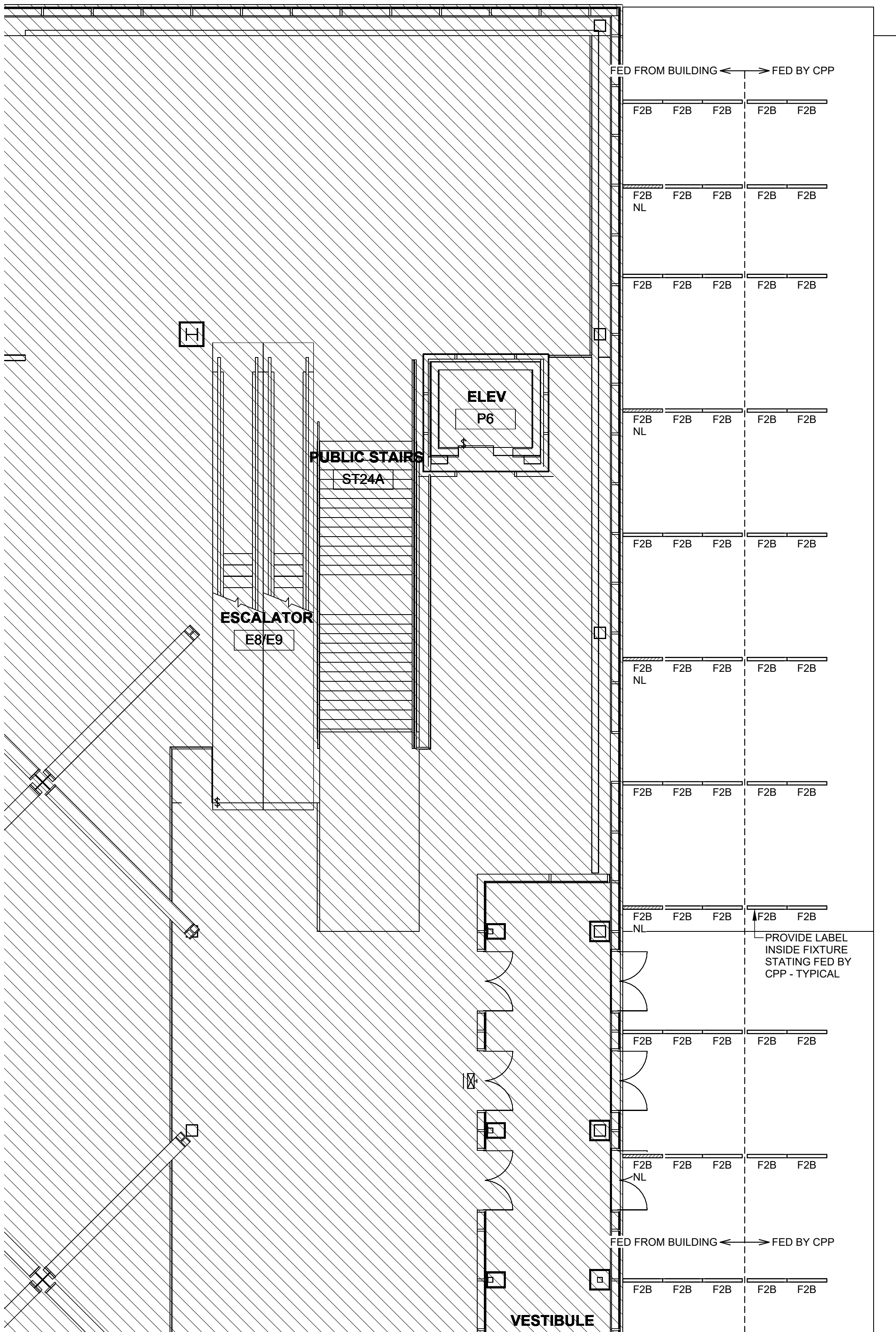
PLAN NOTES

- 1 EXISTING CPP SOFFIT LIGHTING EQUIPMENT ENCLOSURE. REFER
TO ONE LINE DIAGRAM ON SHEET FOR EQUIPMENT INFORMATION.



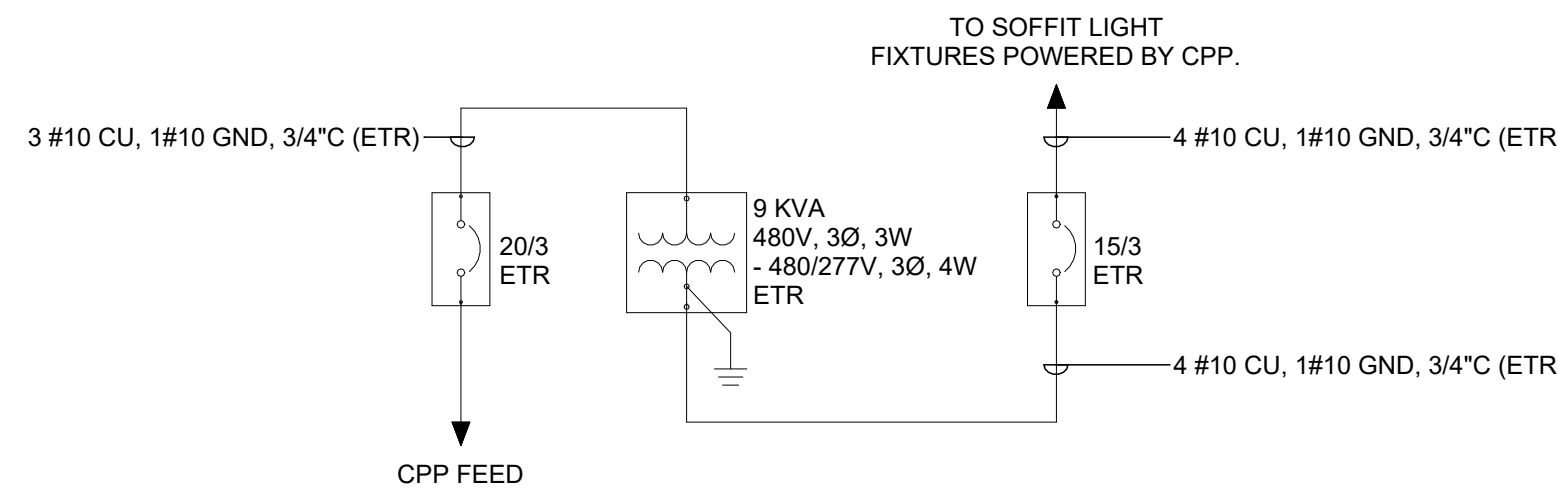
LAKESIDE ENTRANCE LIGHTING PLAN - SECTOR L

1/8" = 1'-0"



LAKESIDE ENTRANCE LIGHTING PLAN - SECTOR M

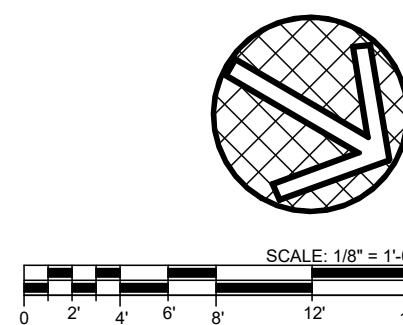
1/8" = 1'-0"



CPP SOFFIT FIXTURES ONE LINE DIAGRAM

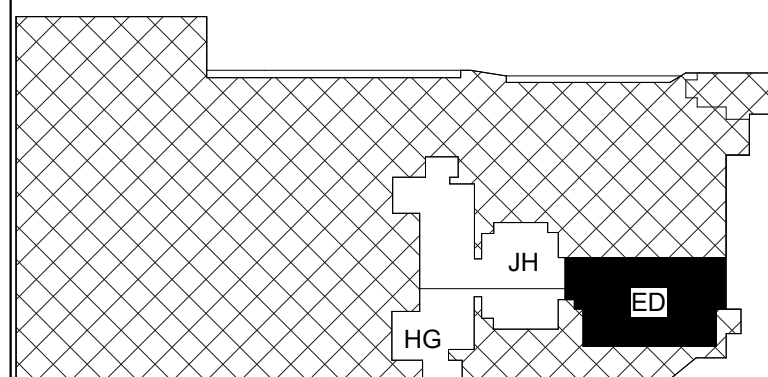
(NO NEW WORK. SHOWN FOR REFERENCE ONLY)

SCALE: NONE





KEY PLAN



CONSULTANTS

PROJECT NAME

CLEVELAND CONVENTION
CENTER LED UPGRADE

CLIENT NAME

HUNTINGTON CONVENTION
CENTER OF CLEVELAND
GLOBAL CENTER FOR HEALTH
INNOVATION
1 ST. CLAIR AVENUE NE
CLEVELAND, OH 44114

REV. NO. DESCRIPTION DATE

PROJECT NO: 2025-0009

DRAWN BY: ZJH

APPROVED BY: MEN

DATE: 03/12/2025

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

SHEET TITLE

EXHIBIT HALL LEVEL DEMOLITION
PLAN - SECTOR E, D

SHEET NUMBER

ED1-0ED

BIDDING PLAN NOTES:

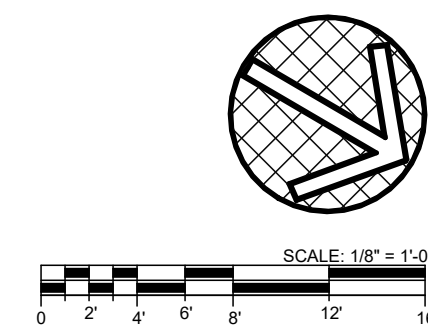
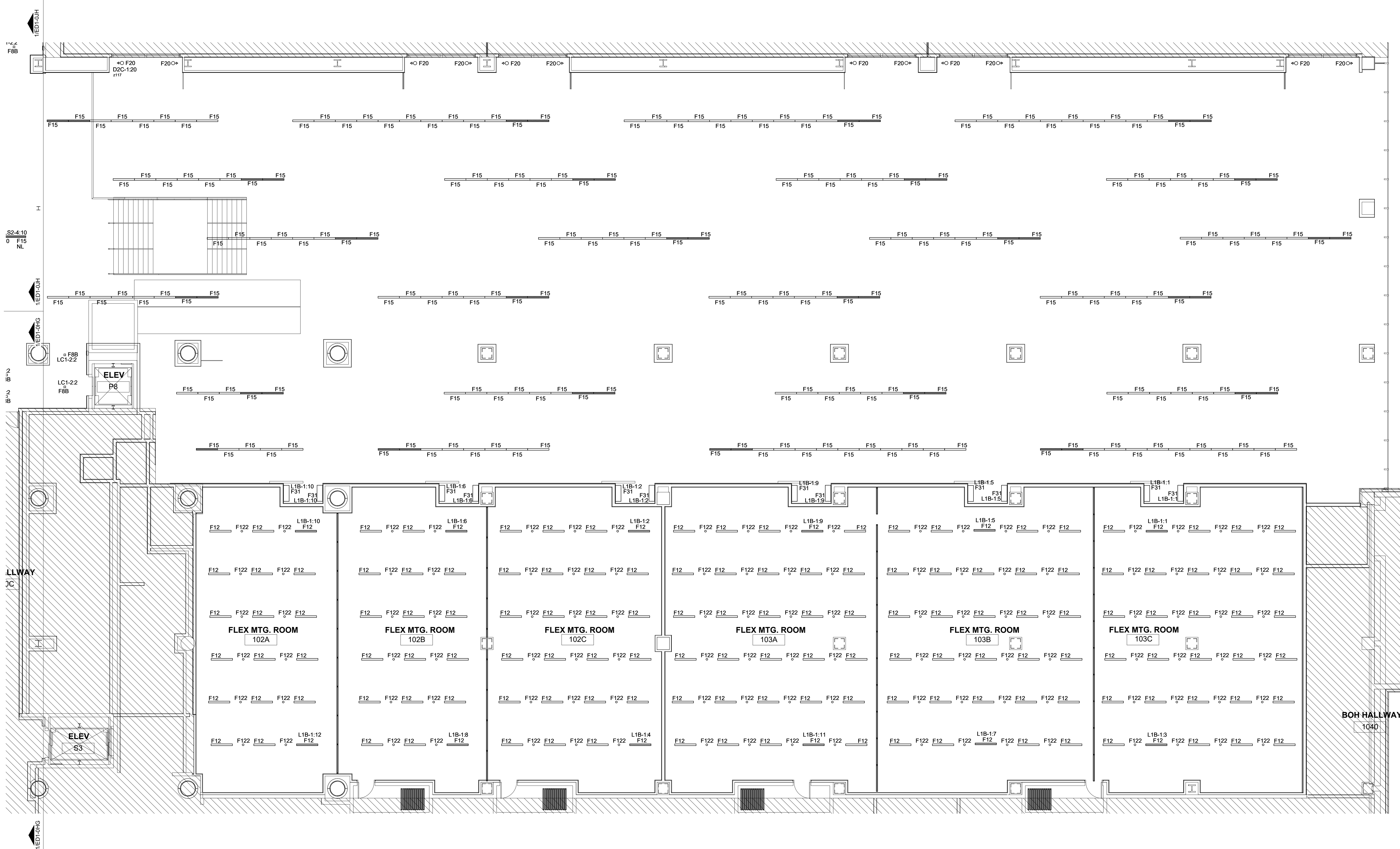
PROVIDE SEPARATE PRICING FOR THE FOLLOWING AREAS:
PRICE #1 - MEETING ROOMS AND RESTROOMS
PRICE #2 - PREFUNCTION AREAS
PRICE #3 - MODIFY LUMINAIRE TYPES F14 / F14AE TO
ECOSYSTEM CONTROL
PRICE #4 - REPLACE EXISTING LAKESIDE ENTRANCE
EXTERIOR CANOPY FIXTURES SHOWN ON
ED2-0LM AND E2-0LM

DEMOLITION NOTE

ALL EXISTING LUMINAIRES ARE TO BE REMOVED AND
REPLACED ONE-TO-ONE WITH NEW LED LUMINAIRES.
MAINTAIN AND PROTECT ALL LIGHTING POWER AND
LIGHTING CONTROL CIRCUITS DURING DEMOLITION.

GENERAL SCOPE OF WORK NOTES:

- A. ALL EXIT SIGNS SHALL BE MAINTAINED AND PROTECTED
THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- B. ALL SIGNAGE SHALL BE MAINTAINED AND PROTECTED
THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- C. HATCHED AREAS ARE NOT WITHIN SCOPE OF PROJECT.
ALL DEVICES, EQUIPMENT AND LUMINAIRES WITHIN
HATCHED REGION SHALL REMAIN AND SHALL BE
MAINTAINED AND PROTECTED THROUGH THE DURATION
OF CONSTRUCTION. (ETR)



BIDDING PLAN NOTES:

PROVIDE SEPARATE PRICING FOR THE FOLLOWING AREAS:
PRICE #1 - MEETING ROOMS AND RESTROOMS
PRICE #2 - PREFUNCTION AREAS
PRICE #3 - MODIFY LUMINAIRE TYPES F14 / F14AE TO ECOSYSTEM CONTROL
PRICE #4 - REPLACE EXISTING LAKESIDE ENTRANCE EXTERIOR CANOPY FIXTURES SHOWN ON ED2-0LM AND E2-0LM

DEMOLITION NOTE

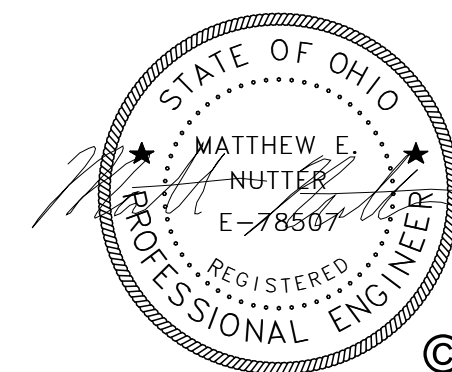
ALL EXISTING LUMINAIRES ARE TO BE REMOVED AND REPLACED ONE-TO-ONE WITH NEW LED LUMINAIRES. MAINTAIN AND PROTECT ALL LIGHTING POWER AND LIGHTING CONTROL CIRCUITS DURING DEMOLITION.

GENERAL SCOPE OF WORK NOTES:

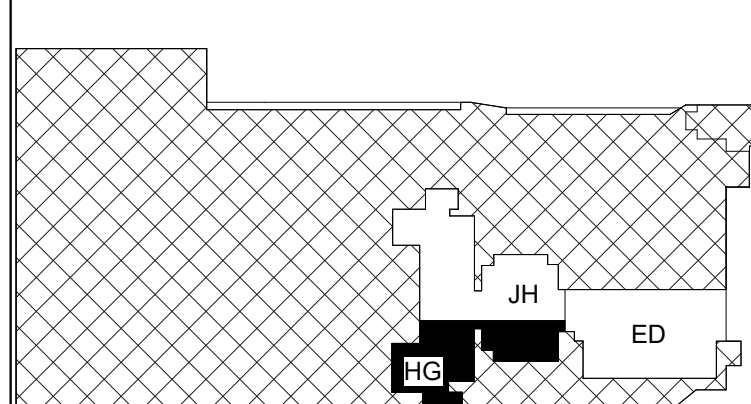
- A. ALL EXIT SIGNS SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- B. ALL SIGNAGE SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
- C. HATCHED AREAS ARE NOT WITHIN SCOPE OF PROJECT. ALL DEVICES, EQUIPMENT AND LUMINAIRES WITHIN HATCHED REGION SHALL REMAIN AND SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)



3135 Euclid Ave.
Cleveland, OH 44115
216-391-3700 | karpinskieng.com



KEY PLAN



CONSULTANTS

PROJECT NAME

**CLEVELAND CONVENTION
CENTER LED UPGRADE**

CLIENT NAME

**HUNTINGTON CONVENTION
CENTER OF CLEVELAND
GLOBAL CENTER FOR HEALTH
INNOVATION
1 ST. CLAIR AVENUE NE
CLEVELAND, OH 44114**

REV. NO.	DESCRIPTION	DATE
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PROJECT NO: 2025-0009

DRAWN BY: ZJH

APPROVED BY: MEN

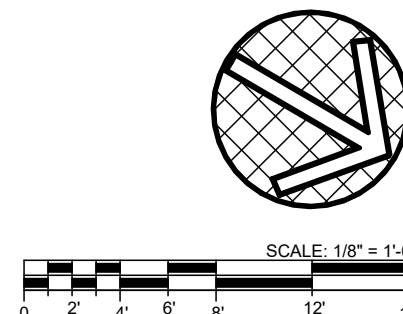
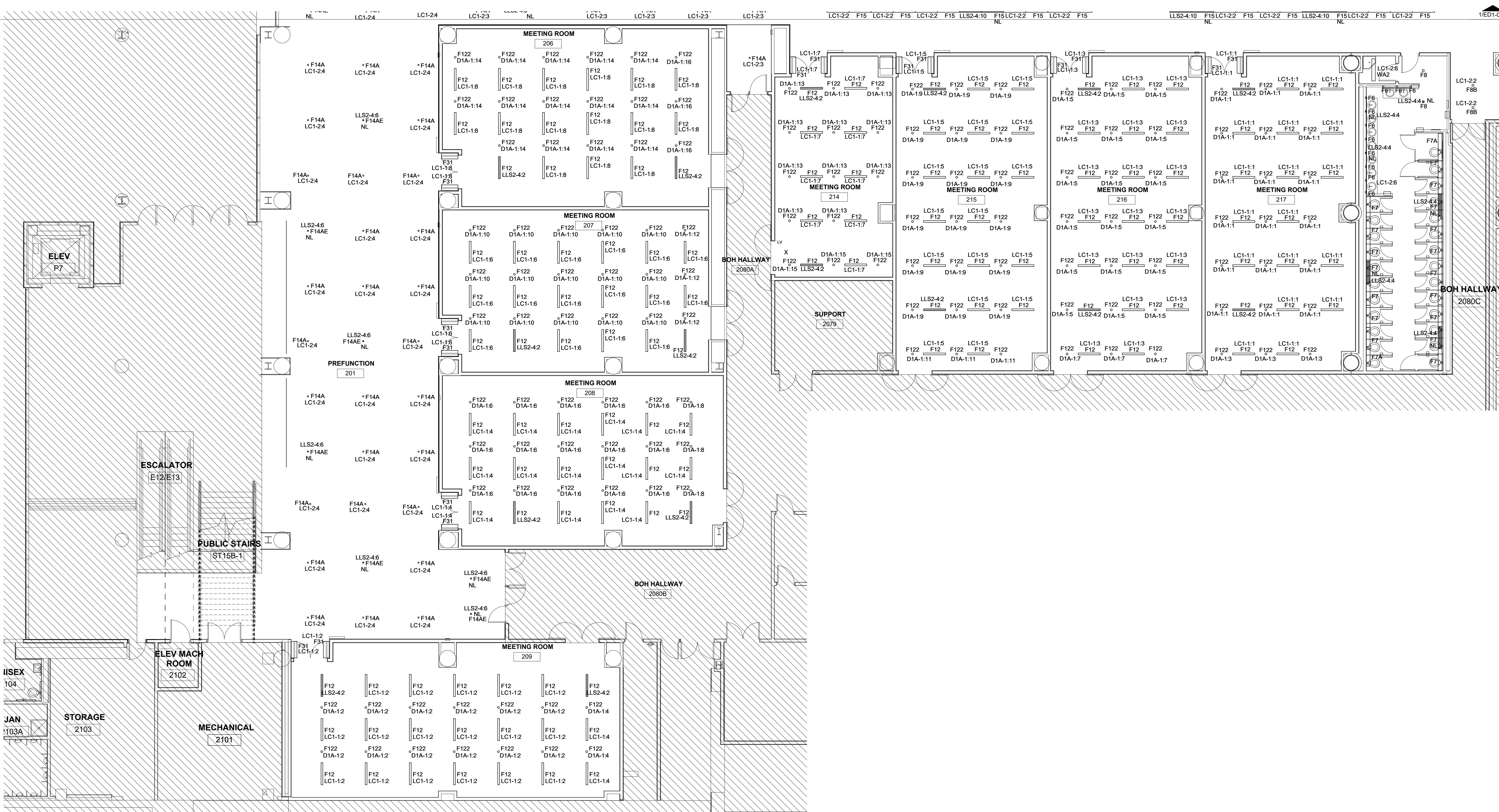
DATE: 03/12/2025

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

SHEET TITLE
**EXHIBIT HALL LEVEL DEMOLITION
PLAN - SECTOR H, G**

SHEET NUMBER

ED1-0HG





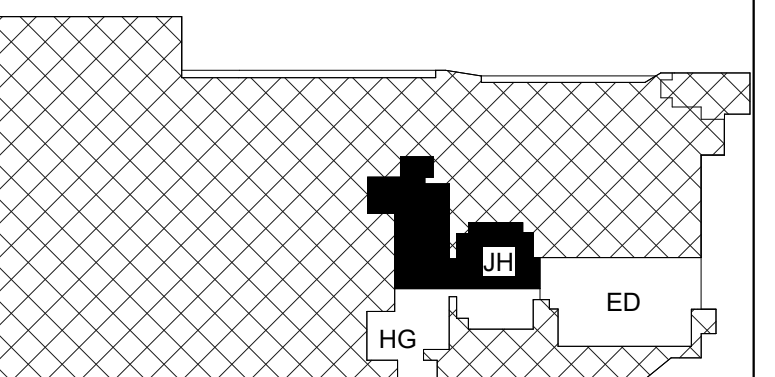
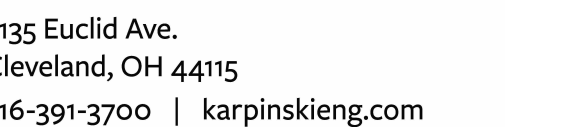
PROVIDE SEPARATE PRICING FOR THE FOLLOWING AREAS
 PRICE #1 - MEETING ROOMS AND RESTROOMS
 PRICE #2 - PREFUNCTION AREAS
 PRICE #3 - MODIFY LUMINAIRE TYPES F14 / F14AE TO ECOSYSTEM CONTROL
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ALL EXISTING LUMINAIRES ARE TO BE REMOVED AND REPLACED ONE-TO-ONE WITH NEW LED LUMINAIRES. MAINTAIN AND PROTECT ALL LIGHTING POWER AND LIGHTING CONTROL CIRCUITS DURING DEMOLITION.

A.	ALL EXIT SIGNS SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
B.	ALL SIGNAGE SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)
C.	HATCHED AREAS ARE NOT WITHIN SCOPE OF PROJECT. ALL DEVICES, EQUIPMENT AND LUMINAIRES WITHIN HATCHED REGION SHALL REMAIN AND SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)

1 UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL EQUIPMENT /
DEVICES, LUMINAIRES AND ASSOCIATED CONTROLS WITHIN THE
ELECTRICAL ROOM SHALL REMAIN (ETR).

2 UNLESS NOTED OTHERWISE, AREA NOT IN SCOPE. ALL EXISTING
LUMINAIRES SHALL REMAIN (ETR).



CONSULTANTS

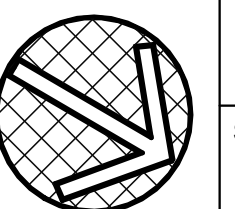
CLIENT NAME

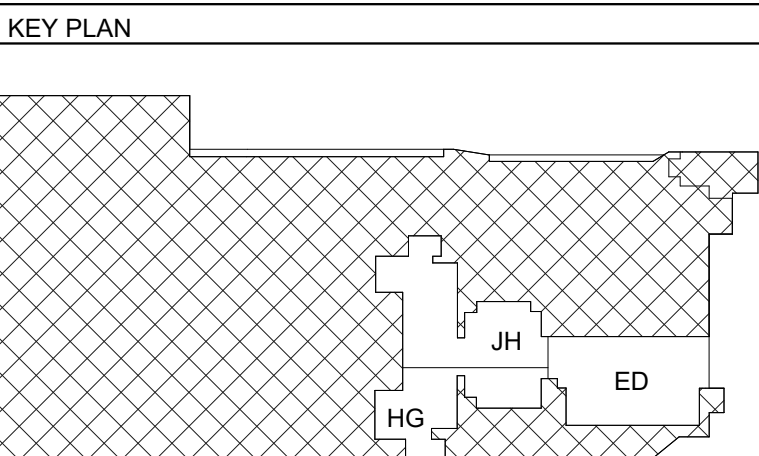
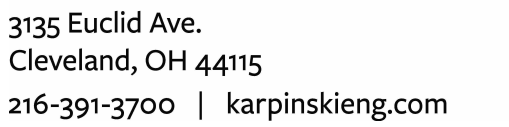
**HUNTINGTON CONVENTION
CENTER OF CLEVELAND
GLOBAL CENTER FOR HEALTH
INNOVATION
1 ST. CLAIR AVENUE NE
CLEVELAND, OH 44114**

SHEET TITLE
**EXHIBIT HALL LEVEL DEMOLITION
PLAN - SECTOR J, H**

SHEET NUMBER

ED1-0JH





CONSULTANTS

PROJECT NAME

CLEVELAND CONVENTION CENTER LED UPGRADE

CLIENT NAME

**HUNTINGTON CONVENTION
CENTER OF CLEVELAND
GLOBAL CENTER FOR HEALTH
INNOVATION
1 ST. CLAIR AVENUE NE
CLEVELAND, OH 44114**

REV. NO.	DESCRIPTION	DATE

PROJECT NO: 2025-0009
DRAWN BY: ZJH
APPROVED BY: MEN
DATE: 03/12/2025
SCALE: 1/8" = 1'-0"

SHEET TITLE
**LAKESIDE ENTRANCE LEVEL
DEMOLITION PLAN - SECTOR L, M**

SHEET NUMBER

ED2-0LM

PROVIDE SEPARATE PRICING FOR THE FOLLOWING AREAS:
 PRICE #1 - MEETING ROOMS AND RESTROOMS
 PRICE #2 - PREFUNCTION AREAS
 PRICE #3 - MODIFY LUMINAIRE TYPES F14 / F14AE TO ECOSYSTEM CONTROL
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A. ALL EXIT SIGNS SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)

B. ALL SIGNAGE SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)

C. HATCHED AREAS ARE NOT WITHIN SCOPE OF PROJECT. ALL DEVICES, EQUIPMENT AND LUMINAIRES WITHIN HATCHED REGION SHALL REMAIN AND SHALL BE MAINTAINED AND PROTECTED THROUGH THE DURATION OF CONSTRUCTION. (ETR)

1 UNLESS NOTED OTHERWISE, AREA NOT IN SCOPE. ALL EXISTING LUMINAIRES SHALL REMAIN (ETR).

