

Liberty School District – Distribution Center
Addendum No: 01
Description Narrative
December 8, 2023

This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.

The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

A. CONSTRUCTION MANAGER'S FRONT END MANUAL

1. SECTION 002413 – SCOPE(S) OF WORK

- a. 00-0002 Master Scope of Work
- b. 02-4110a Demo – Ridgeview
- c. 02-4110b Demo – FES & ADES
- d. 03-3000 Concrete
- e. 04-2000 Masonry
- f. 05-1000 Steel
- g. 06-1000 General Trades
- h. 07-1000 Joint Sealants & Waterproofing
- i. 07-4000 Metal Wall Panels
- j. 07-5000 Roofing
- k. 08-8000 Glazing
- l. 09-2000 Framing, Drywall & Acoustical Ceilings
- m. 09-3000 Tile
- n. 09-6000 Flooring
- o. 09-6700 Resinous
- p. 09-9000 Painting
- q. 12-3000 Casework
- r. 22-1000 Plumbing
- s. 23-3000 HVAC
- t. 26-1000 Electrical

2. SECTION 003113 – MILESTONE SCHEDULE OF CONSTRUCTION

- a. Schedule issued that includes all three schools.

3. SECTION 003114 – SITE LOGISTICS PLAN

- a. Logistic Plans issued for all three schools.

B. OTHER**1. ALTERNATE NO.1 – RIDGEVIEW ELEMENTARY**

- a. Alternate No. 1 for Ridgeview Elementary to replace all ACT in the entire school is now part of Phase 2 and should not be included in this bid package. As shown on revised sheet G000.

2. LED LIGHTING REPLACEMENT - RIDGEVIEW ELEMENTARY

- a. Please reference the following Drawings for updated Phasing regarding LED Lighting replacements.

ED-101A LIGHTING LEVEL 1 DEMO PLAN - AREA A

ED-101B LIGHTING LEVEL 1 DEMO PLAN - AREA B

ED-101C LIGHTING LEVEL 1 DEMO PLAN - AREA C

ED-102A LIGHTING LEVEL 2 DEMO PLAN - AREA A

ED-102B LIGHTING LEVEL 2 DEMO PLAN - AREA B

ED-102C LIGHTING LEVEL 2 DEMO PLAN - AREA C

E-101A LIGHTING LEVEL 1 PLAN - AREA A

E-101B LIGHTING LEVEL 1 PLAN - AREA B

E-101C LIGHTING LEVEL 1 PLAN - AREA C

E-102A LIGHTING LEVEL 2 PLAN - AREA A

E-102B LIGHTING LEVEL 2 PLAN - AREA B

E-102C LIGHTING LEVEL 2 PLAN - AREA C

C. SPECIFICATIONS

1. Please reference the attached Addendum No. 01 issued by Hollis + Miller dated December 8, 2023, for updates to Specification.

D. DRAWINGS

1. Please reference the attached Addendum No. 01 issued by Hollis + Miller dated December 8, 2023, for updates to Drawings.

Please direct any questions regarding the information in this addenda and the project to Newkirk Novak Construction Partners.

SECTION 00 24 13
BID PACKAGES

INDEX TO SCOPES OF WORK

Bid Scopes of Work:

Index to Scopes of Work

- 00-0002 Master Scope of Work
- 02-4110a Demo – Ridgeview
- 02-4110b Demo – FES & ADES
- 03-3000 Concrete
- 04-2000 Masonry
- 05-1000 Steel
- 06-1000 General Trades
- 07-1000 Joint Sealants & Waterproofing
- 07-4000 Metal Wall Panels
- 07-5000 Roofing
- 08-8000 Glazing
- 09-2000 Framing, Drywall & Acoustical Ceilings
- 09-3000 Tile
- 09-6000 Flooring
- 09-6700 Resinous
- 09-9000 Painting
- 12-3000 Casework
- 22-1000 Plumbing
- 23-3000 HVAC
- 26-1000 Electrical

MASTER AND TRADE SCOPES OF WORK

MASTER SCOPE OF WORK

Specific scope of work to be performed:

Scope of work includes, but is not limited to, the following:

1. Each Subcontractor shall field verify existing conditions for deficiencies, unsatisfactory conditions, unacceptable dimensional tolerances, and notify Newkirk Novak Construction Partners, Inc. of such prior to installing Work. Repairs due to unsatisfactory substrates, after acceptance shall be performed at the sole expense of this Subcontractor.
2. All layout, surveying, layout maintenance, field measurements, and field verification as needed to complete the required Scope of Work. Newkirk Novak Construction Partners, Inc. will provide benchmarks only.
3. Each Subcontractor shall include all hosting, lifting, scaffolding, and equipment required to complete this Scope of Work.
4. Each Subcontractor to have on-site staff for all deliveries and offloading.
5. Each Subcontractor shall provide a person qualified, with authority to make decisions in attendance at any meeting that is requested by Newkirk Novak Construction Partners, Inc.
6. Each Subcontractor is responsible for all required mobilizations, phasing, manpower, equipment, overtime, phasing, submittals, procurement etc. as required to meet the project schedule. This project will require multiple crews working in multiple areas concurrently.
7. Each Subcontractor is responsible for temporary protection of their own work or adjacent work as required to complete their scope of work. Protect existing improvements, the work of other trades, trees and vegetation scheduled to remain.
8. Each Subcontractor is responsible for floor hole protection and guardrail protection when their Work creates a hazard requiring such protection.
9. Each Subcontractor to include required coring, cutting sleeving, sealants, and patching to complete their Scope of Work.
10. Each Subcontractor is responsible for their own power/generators. Temporary construction power will not be provided.
11. Provide water as needed for designated Scope of Work.
12. All roof penetrations to be coordinated with the roofing Subcontractor within 1 month of notice to proceed.
13. Exterior penetrations prior to installation of thermal and air barrier system.
14. Each Subcontractor is required to coordinate all required inspections with Newkirk Novak Construction Partners, Inc. and appropriate testing agencies. Subcontractors are required to ensure all items are completed prior to inspection.
15. Coordinate all utility locates as required to complete Scope of Work.
16. Maintain a clean and safe workplace at all times. All debris related to the Scope of this agreement shall be removed from the building and grounds to a Newkirk Novak Construction Partners, Inc. provided dumpster on a daily basis.
17. Newkirk Novak will provide the General Building Permit. Subcontractors are responsible for all permits required to complete their Scope of Work.
18. Subcontractors shall prevent surface and ground water from entering excavations, ponding on subgrades, and flooding project site or surrounding areas. Include dewatering required to satisfactorily construct all work to maintain specified to maintain project schedule.
19. Material Escalation Costs: Each Subcontractor is responsible for reviewing the Project Schedule for timing of delivery of equipment and materials to the jobsite. This includes accounting for material escalation costs associated with material to be installed, as well as potential labor rate increases. If equipment or materials are pre-purchased and stored, Subcontractors may bill for stored materials if they provide sufficient documentation (i.e. pictures, affidavits, etc) that the equipment or material is for the project.

PROJECT: N3-0652
COST CODE: 02-4110**LPS Ridgeview Elementary Renovations
02-4110a –Demolition Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, freight, labor, and applicable taxes necessary for the **Demolition** Scope of Work complete as set forth in the drawings and specifications and all other applicable sections of the project manual and all other subcontract documents identified.

- Division 00
- Division 01
- 024119 – Selective Demolition

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Provide haul-off of all demolished materials included in this work. Include any dumpsters and any haul off as required for this scope of work.
3. Include coordination associated with all utility kills for demolition.
4. Provide all saw cutting and demolition within the limits noted on the plan. All interior demolition items, other than asbestos, hazardous material, etc. shall be demoed by this scope of work.
 - a) For MEP demolition work, MEP contractors will make safe, cut and drop all material being removed to the floor. This scope of work will bring all dropped MEP items from the building to the dumpster.
5. Provide all temp protection outside and along of areas noted to be demo'd, to be by this scope of work. Assume temp floor protection needed for path to dumpster, access to work area, around each work area and on any doors being used.
6. Provide temp plastic partitions as noted on the logistics plan.
7. All demolition shall take place in times established by city ordinance and coordinated with school staff.
8. Assume Existing building to be clean and clear of asbestos, lead, mold, or hazardous building materials. Abatement of these materials will be complete by owner prior to demo.
9. Demo / recycling of refrigerant, coolant, oils, or other MEP fluids / and equipment will be by this contractor. Coordinate with HVAC contractor.
10. Provide a site-specific safety plan for all demolition work.
11. Remove, demo and salvage all items as indicated on the drawings.
12. It will be the responsibility of this contractor to verify extents of corresponding trades prior to the start of demo to understand full scope of demo. For example, if plumbing fixtures are shifting, there should be associated demo included for slab and wall demo.
13. All concrete sawcutting to be by this scope of work.
14. Include an allowance of \$40,000 in your proposal. All unused allowance will be returned to the owner.
15. Salvaging of the ceilings in the classrooms will be by others. This scope will only handle removing ceiling material from the building to the dumpster that is being thrown away and can't be salvaged.
16. This scope of work to handle all ceiling demo or plaster/lath ceiling demo where we are going back with new or it is noted in order for mechanical work to be completed. For example, reference drawing DA121 in the Ridgeview drawings.

17. This scope of work to provide demo of wall and ceiling structure where new steel beams are being installed. For example, see drawing S102 in the Ridgeview drawing set.
18. This scope of work to demo any new openings needed in the ceiling and wall structure for new ductwork.
19. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Abatement – by Owner
2. Cut and Cap of MEP lines – By others
3. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 02-4110**LPS Franklin & Doniphan Elementary Renovations
02-4110b –Demolition Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, freight, labor, and applicable taxes necessary for the **Demolition** Scope of Work complete as set forth in the drawings and specifications and all other applicable sections of the project manual and all other subcontract documents identified.

- Division 00
- Division 01
- 024119 – Selective Demolition

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Provide haul-off of all demolished materials included in this work. Include any dumpsters and any haul off as required for this scope of work.
3. Provide all wall demo associated with MEP and new wall layouts.
4. Include coordination associated with all utility kills for demolition.
5. Provide demo at walls to remain to allow carpenter to install any required backing. This includes for new toilet accessories and casework.
6. Demo of flooring, epoxy and floor tile includes it's associated mortar and glue to get down to concrete.
7. Provide all saw cutting and demolition within the limits noted on the plan. All interior demolition items, other than asbestos, hazardous material, etc. shall be demoed by this scope of work.
 - a) For MEP demolition work, MEP contractors will make safe, cut and drop all material being removed to the floor. This scope of work will bring all dropped MEP items from the building to the dumpster.
8. Temp protection around areas noted to be demo'd to be by this scope of work. Assume temp floor protection needed for path to dumpster, around each work area and on any doors being used.
9. Provide temp plastic partitions as noted on the logistics plan.
10. All demolition shall take place in times established by city ordinance and coordinated with school staff.
11. Assume Existing building to be clean and clear of asbestos, lead, mold, or hazardous building materials. Abatement of these materials will be complete by owner prior to demo.
12. Provide demo of all finishes as noted on the plans.
13. Demo / recycling of refrigerant, coolant, oils, or other MEP fluids / and equipment will be by this contractor.
14. Provide a site-specific safety plan for all demolition work.
15. Remove and salvage all items as indicated on the drawings. Including, but not limited to window blinds and shades.
16. It will be the responsibility of this contractor to verify extents of corresponding trades prior to the start of demo to understand full scope of demo. For example, if plumbing fixtures are shifting, there should be associated demo included for slab and wall demo.
17. For locations of demoing tile this scope to remove the tile and associated backer board to prep wall for new back board and tile. For example, see A1 on DA101 on Franklin plans.
18. All concrete sawcutting to be by this scope of work.

19. Include an allowance of \$25,000 in your proposal. Any unused portions will be returned to the owner.
20. Demo and salvaging of the ceilings in the classrooms will be by others. This scope will only handle removing ceiling material from the building to the dumpster that is being thrown away.
21. This scope of work is responsible for coordinating with MEP trades on which items can be removed and taken to the dumpster.
22. Provide stage demo as noted in the documents for Franklin.
23. Coordinate demo of headers and soffits for new work with carpenter. For example, reference Doniphan drawings detail A1 on A401.
24. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Abatement – by Owner
2. Cut and Cap of MEP lines – By others

PROJECT: N3-0652
COST CODE: 03-3000**LPS ADES, FES & RES Renovations
03-3000 – Concrete Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Concrete** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 033000 Cast-In-Place Concrete

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. All concrete work and associated accessories including but not limited to, form/wreck, place, finish all concrete shown in the contract documents.
3. Install all steel anchor rods / coil rods and embeds required in concrete. These items will be provided by others.
4. Provide all materials, equipment, labor, accessories, etc. required to install all reinforcing rebar/steel including dowels for concrete and masonry.
5. This scope to cover slab pour back and associated gravel where underground MEP is being updated or adjusted. It will be the responsibility of this contractor to coordinate with MEP trades to understand the full scope of slab demo. For example, if plumbing fixtures are shifting, there should be associated pour back.
6. Provide infill of slab at the abandoned air plenum, reference Franklin drawing set detail A1 on A404. This includes the associated rebar for patching in the slab. Reference structural drawings.
7. Contractor to anticipate under slab electrical rough-in and should include measures to install rock to avoid damage which includes hand work, tele-belting, etc.
8. Install expansion joints and controls joints/contraction joints, including performed/isolation joint filler where required.
9. Provide all column block outs as required. Infill column block outs with concrete/non-shrink grout as required. Reference structural details. This package is to grout all column base plates.
10. Provide all labor, material, and equipment necessary to depress concrete slabs where flooring dictates per the Contract Documents. Slope concrete to drains where required.
11. Protect and maintain ends of reinforcement/dowels with OSHA approved covers/caps throughout construction.
12. Include an allowance of \$20,000.00 for construction activities per the direction of the Construction Manager. Any used portion will be returned to the owner at completion of the project.



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13. This scope of work to include a new transformer pad for new tranformer. Size should be based off of the current transformer size. For reference, see drawing ED-201B in the Ridgeview drawings.
14. All work is assumed to take place during normal working hours. Incase there is OT needed, please provide the following rate:
 - a) OT Premium rate:\$_____/hour

The following work is excluded:

1. Concrete paving joint sealants – By Sealants Contractor
2. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 04-2000**LPS ADES, FES & RES Renovations
04-2000 – Masonry Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Masonry** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 042200 Unit Masonry

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Provide all masonry, including but not limited to; CMU, face brick, grout, installation of embedded items, flashing, ties, lintels, dowels, drilling, grouting of all door/window frames located in masonry wall assemblies, accessories, etc
3. Provide blockouts and openings as required for other trades. Sleeves required for penetrations and openings will be furnished by other contractors and installed by the masonry contractor. Coordination and layout drawings will be furnished by applicable contractor. In fill openings in masonry walls around penetrations where necessary. Soaping and infill around structural steel will be required after the structural steel has been completed.
4. This contractor shall install all loose lintels and other misc. steel embeds at masonry walls as shown. Lintels and miss steel embeds will be provided by others.
5. Protect and maintain ends of reinforcement/dowels for masonry with OSHA approved covers/caps throughout construction.
6. Temporary bracing for all masonry walls as required during construction.
7. Clean-up of site staging area following masonry work, including grout/mortar area. This Contractor to clean/haul off all debris following demobilization and put back to original condition.
8. Provide all wall infill and control joints required for this scope of work.
 - a) This scope of work to assume entire chase at restrooms will be opened for MEP work.
 - b) Provide infill of masonry as noted on plans including the associated rebar needed for the structural requirements. Reference structural drawing S001.
9. This contractor is responsible for all layouts associated with the installation of their work from existing control points.
10. Include an allowance of \$15,000 to be used for masonry procedures as required, per the direction of the construction manager. Any unused portions will be returned to the owner.
11. Any block sealer per the Contract Documents for the masonry shall be by this scope of work.



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12. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:

a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Furnishing of Steel Lintels– By Structural Steel Contractor
2. Demo of Existing Masonry – By Demolition Contractor
3. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 05-1000**LPS ADES, FES & RES Renovations
05-1000 – Structural & Misc. Steel Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Structural & Miscellaneous Steel** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 051200 Structural Metal Framing
- 053100 Steel Decking

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Furnish, install, and erect all structural and miscellaneous steel items and accessories. Including but not limited to joists, beams, channels, steel lintels, angles, bollards, decking, base plates, steel clips, bent plates, full moment connections, column braces, bent plates edge angles, joist girders, decking bracing tubes, channels, and diagonal bracing.
3. Furnish and install all required roof framing and decking per Contract Documents. (See Ridgeview drawing S102 for details).
4. Furnish all required embeds, anchor bolts, baseplates, and leveling pads. etc (that are required to complete this scope of work) to the appropriate trades for installation. Furnish layout drawings for all items and coordinate the layout with associated subcontractors.
5. This scope will provide and install misc. support steel as needed at the roof deck for MEP equipment/openings.
6. Temporary bracing and shoring as required for stability during construction.
7. Coordinate with architectural, mechanical, electrical, and security drawings for size and locations of all openings, sleeves, curbs, pads, inserts, etc. and all mechanical and electrical equipment requirements
8. Provide loose steel lintels at masonry. Installation to be by masonry subcontractor.
9. Welding of masonry ties to steel columns and beams as indicated on the project documents. Coordinate with masonry subcontractor.
10. Welding of reinforcing steel-to-steel members at steel lintel locations as indicated on the project documents.
11. Fire extinguishers, fire watch and burn permits for welding and cutting as required for work performed under this subcontract. Hot work permits to be filled out daily.
12. Connections to concrete, masonry, or other non-steel substrates where installation of steel must

occur after the substrate is already in place.

13. Arrange for temporary power as required for welders and equipment as needed for completion of this scope of work and/or provide fuel powered welders/ equipment as necessary. When fuel powered equipment is used, protect concrete slabs, finishes from fuel spills / leakage, and make provisions for proper ventilation when performing work within confined spaces as required per OSHA guidelines.
14. Include an allowance of \$15,000 to be used as required, per the direction of the Construction Manager. Any unused portions will be returned to the Owner.
15. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Anchor Bolts will be installed by others.
2. Grouting of column base plates by Concrete contractor.
3. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 07-1000**LPS ADES, FES & RES Renovations
07-1000 – Joint Sealants, Waterproofing Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Joint Sealants & Waterproofing** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 072500 Weather Barriers
- 078413 Penetration Fire Stopping (As Applicable)
- 078446 Fire Resistive Joint System
- 079200 Joint Sealants

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Provide all Joint Sealants, including but not limited to:
 - a) Interior and exterior, perimeter of windows, entrances, and storefront systems
 - b) Cosmetic filling of interior joint locations around door and window frames, lintels and all places where dissimilar materials join together to form clean, sharp corners for paint applications to frames and walls.
 - c) All masonry horizontal and vertical joints.
 - d) Backer rods and required materials to complete all caulking.
 - e) Joint sealants at all interior concrete per the contract documents.
3. Provide and install all dampproofing, waterproofing, weather barrier and air barrier systems.
4. Provide and Install all Fire Resistive Joint Systems.
5. Provide all penetration firestopping required per construction documents.
6. Include an allowance of \$5,500 for miscellaneous work per the direction of the Construction Manager. Any unused portion will be returned to The Owner at the end of the project.
7. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Sealants at plumbing fixtures – By Plumbing Subcontractor
2. Sealants within Glazing Systems – By Glazing Subcontractor
3. Fire Stopping at MEP Penetrations – MEP Contractors



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4. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 07-4000**LPS ADES, FES & RES Renovations
07-4000 – Metal Panels Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Metal Panels** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 076200 Sheet Metal Flashing and Trim
- 079200 Joint Sealants (As Applicable)

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Provide and install all sheet metal flashing, counter flashing, copings, closures, expansion joint assemblies at roof, etc. required to complete this scope of work.
3. Sheet metal flashings and counter flashings at all locations shown in the contract documents including but not limited to: Roof curbs, roof vents MEP equipment & devices, coping. Provide all concealed, exposed, and adjacent joint sealants complete for the building components within this scope of work. Sealants must be compatible with adjacent perimeter joint sealants.
 - a) All metal panels, pre-finished metal flashing, pre-finished gutter, coping cap, parapet cap, etc shall be by the Metal Panels scope of work. This includes any termination bars, flashing, furring, etc. tied to and associated with the metal panel system.
 - b) Any miscellaneous termination bar, flashing, clips, and all related materials and accessories required for installation of roofing shall be by the roofing scope of work.
4. Specific coordination with other exterior building components such as Mechanical, Electrical & Plumbing (MEP) to insure a weather & watertight building envelope.
5. Provide cutting, patching, pitch pans, flashing, trim and sealants for all penetrations within this system including but not limited to MEP & Security devices such as lights, speakers, horns, cameras, antennas, vents, pipe penetrations, lighting protection, structural steel, handrails, and misc. metal components.
6. Provide tie in at roof curbs as required, including any flashing.
7. Control Joints where indicated or required.
8. Provide joint sealants at this packages work and as required to provide watertight systems.
9. This scope of work to provide the metal coping cap and curb flashing. The roofing subcontractor is responsible to properly tie-in and terminate roofing materials at these locations to ensure a watertight system.

10. Provide an allowance of \$5,000 for miscellaneous work to be used at the direction of the construction manager. Any unused portions will be returned to The Owner.
11. Metal furring channels and all accessories required for a complete installation for this package to be provided and installed by this scope of work.
12. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Window flashing outside of metal panel systems – By Glazing Contractor
2. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N2-0604
COST CODE: 07-5000**LPS ADES, FES & RES Renovations
07-5000 – Roofing Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Roofing** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 075216 Modified Bituminous Membrane Roofing
- 076200 Sheet Metal Flashing & Trim (As Applicable)
- 079200 Joint Sealants (As Applicable)

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Roofing systems complete per the contract documents and coordinated with the existing roof, roof insulation, substrate board, coated metal edge flashing, coated metal sheets, roof expansion joint assemblies, termination bar, walkway roll for a complete and watertight installation.
3. Sheet metal flashings and counter flashings including but not limited to: Roof curbs, roof vents MEP equipment & devices. This applies to all areas outside of the metal panel systems. Provide all concealed, exposed, and adjacent joint sealants complete for the building components within this scope of work. Sealants must be compatible with adjacent perimeter joint sealants.
 - a) All metal panels, pre-finished metal flashing, pre-finished gutter, coping cap, parapet cap, etc shall be by the Metal Panels scope of work. This includes any termination bars, flashing, furring, etc. tied to and associated with the metal panel system.
 - b) Any miscellaneous termination bar, flashing, clips, and all related materials and accessories required for installation of roofing shall be by the roofing scope of work.
4. Seal ends of roofing at end of each day during work that requires patch back.
5. Specific coordination with other exterior building components such as Mechanical, Electrical & Plumbing (MEP) & Security devices to insure a weather & watertight building envelope.
6. Provide cutting, patching, pitch pans, flashing, trim and sealants for all penetrations within this system including but not limited to MEP & Security devices such as lights, speakers, horns, cameras, antennas, vents, pipe penetrations, and misc. metal components.
7. If additional blocking is required for this work other than what is indicated on the contract documents this contractor to identify and notify Contractor during submittal process.
8. Provide and maintain all safety systems as required by OSHA for the duration of roof work. Include any necessary design.
9. Coordinate with electrical on lightning protection and provide any further roof protection to maintain

warranty. It is this scopes responsibility to address any potential warranty concerns at time of bid.

10. Provide joint sealants at this packages work and as required to provide watertight systems.
11. Provide temporary walkway protection as needed to protect the roofing system where work is taking place.
12. Provide an allowance of \$14,500 for miscellaneous work as directed by the Construction Manager. Any unused portion will be returned to The Owner.
13. This scope of work to figure cutting, patching and flashing in new curbs/openings where HVAC equipment is noted to be replaced or added.
14. This scope of work to handle sealing any unused curbs as noted. For example, see drawing MD-103B in the Ridgeview drawing set.
15. All work is assumed to take place during normal working hours. Incase there is OT needed, please provide the following rate:
 - a) OT Premium rate:\$_____/hour

The following work is excluded:

1. Window flashing – By Glazing Contractor
2. Rooftop Curbs – By HVAC Contractor
3. Equipment, Pipe, & Duct Supports – By Others
4. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 08-8000**LPS ADES, FES & RES Renovations
08-8000 – Glazing Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Glazing** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 076200 Sheet Metal Flashing and Trim (As Applicable)
- 079200 Joint Sealants (As Applicable)
- 084113 Aluminum-Framed Entrances and Storefronts
- 085613 Transaction Window
- 087100 Door Hardware (As Applicable)
- 088000 Glazing

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Provide all glass and glazing including, but not limited to, storefronts, aluminum entries/doors, operable/folding glass partitions/doors, Fire Protective Glass (rating specified by construction documents), clear fully tempered float glasses, laminated security glass, unframed mirrors, applied security films, etc per the Contract Documents. The General Trades contractor will be responsible for all framed mirrors.
3. Provide all sill, jamb, and head flashing at aluminum windows or storefront systems, break metal, aluminum, metal trim, supports, embedded items in concrete/masonry, frames, brackets, clips, anchors, fasteners, etc. needed for this scope of work as shown on drawings, or required by the manufacturer.
4. All joint sealants required within the glazing systems.
5. Coordinate final electrical and security connections with corresponding trades, as needed.
6. Provide and install all hardware at all aluminum doors.
7. Temporary construction cores for all hardware installed by this scope of work during construction and removed as directed by Contractor.
8. All openings to be field verified by this scope of work.
9. Remove all labels from glass completely.
10. Closure pieces at frame throats as required for joint sealant subcontractor to provide a proper joint.
11. Doors, frames and Div 8 hardware required at Aluminum Doors is by this Contractor. All electronic access control hardware and low voltage wiring to be provided by the Electrical Contractor. Electrified panic devices / strikes are not considered access control and must be installed by this Contractor, with wiring by others.

12. Provide pathway and pull strings in doors/frames where access controls are required.
13. Provide aluminum doors, misc. parts, and their electric operators with a single point of connection for electrical contractor to connect to. If doors require to be tied into Fire Alarm System that also will be a single point of connection for electrician.
 - a) Internal power and fire alarm wiring from a single point of connection would be by this package.
14. Any vinyl decals located on glazing shall be by this scope of work.
15. Include an allowance of \$8,000 for miscellaneous work as directed by the Construction Manager. Any unused portion will be returned to the Owner.
16. Push buttons will be provided and installed by the glazing contractor.
17. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Hollow metal doors, frames, and hardware – By General Trades Subcontractor
2. Framed Mirrors – By General Trades Subcontractor
3. Final Lock Cores for Aluminum Doors – By General Trades Subcontractor
4. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 09-2000**LPS ADES, FES & RES Renovations
09-2000 – Framing, Drywall & Acoustical Ceilings Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Framing, Drywall, & Acoustical Ceilings** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 054000 Cold-Formed Metal Framing
- 061600 Sheathing (As Applicable)
- 079200 Joint Sealants (As Applicable)
- 092116 Non-Structural Metal Framing
- 092400 Portland Cement Plastering
- 092900 Gypsum Board
- 095113 Acoustical Panel Ceilings

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. This scope is to handle all demo/salvaging of existing ceiling grid and tile where noted at each building.
3. Includes patching to match existing at all areas called out to be demoed.
4. Where there is a wall finish called out to be demoed, this scope of work will need to figure replacing the drywall or backer board as necessary for new finishes.
5. Gypsum wallboard assemblies include but are not limited to metal stud framing, furring channels, light gauge trusses, bracing, slip track, compressible gaskets, acoustical sealants, concealed sealants, insulation, and drywall.
6. All cold-formed metal framing and associated wall insulation to complete each wall type as applicable.
7. Upon completion of drywall work all excess sheetrock mud must be removed from floors. All floors are to be swept with a dust-collecting compound.
8. This scope will provide and install any required access doors per plan. All MEP-related access doors will be provided to this scope for installation.
9. All floor tracks shall be clean of debris prior to the installation of gypsum board.
10. Building expansion joint assemblies for all interior horizontal and vertical expansion joints. Includes floor and ceiling expansion joints. Includes interior fire-rated expansion joint assemblies.

11. Acoustical ceiling system including but not limited to, suspension system including hangers and wire, metal grid system, acoustical ceiling tile, seismic wiring for lighting, vertical/horizontal closures where ceilings do not terminate at walls, expansion/control joints, etc.
12. Cutouts in acoustical ceilings for other trades. Scope includes layout, protection of materials and finishes, and handling and distribution of materials throughout the project.
13. Interior expansion joints, reveals, and control joints as shown in the drawings.
14. Coordinate all framing, drywall, and ceiling work with all mechanical, plumbing, and electrical trade penetrations. The Subcontractor will include all additional tees, runners, hangers, tie wires, and filler tiles for the installation of light fixtures, sprinkler heads, diffusers, grilles, etc.
15. Metal stud kickers and structural stud support. Coordinate with MEP overhead systems.
16. Deflection track at interior and exterior walls.
17. Framing/block outs for through-wall penetrations.
18. Drywall ceiling suspension, framing, trim, and miscellaneous hangers as required for an acceptable installation. Include additional framing as maybe required for fixtures.
19. Includes all required Acoustical sealants and fire sealants of walls as required for a complete wall assembly.
20. Coordinate bulkhead details and interfacing sheetrock ceilings with acoustical ceilings.
21. Provide and install all insulation where stud wall abuts the metal deck and insulation between metal studs.
22. Include an allowance of \$15,000 for miscellaneous work as directed by the Construction Manager. Any unused portion will be returned to the Owner.
23. All Unistrut, grids, supports, etc. for any of the ceiling systems shall be by this scope of work.
24. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Fire Stopping at MEP Penetrations – By Others
2. Building Expansion Joints – By General Trades Contractor
3. Plywood sheathing and blocking – General Trades Contractor
4. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 09-3000**LPS ADES, FES & RES Renovations
09-3000 –Tile Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Tiling** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 093000 Tiling

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Provide and install all glazed ceramic and or porcelain tiles, setting materials, grout materials, crack isolation and waterproof membrane, and edge strips.
3. Provide all wall preparation, wall sanding, cleaning, etc. necessary for installing this package of work. This includes, but is not limited to, any wall fill or leveling compounds required at all wall joints.
4. Provide all needed transitions at dissimilar materials.
5. Provide all prep, cleaning, etc. necessary for installing this package of work.
6. Provide all temporary lighting necessary for installing this package of work.
7. Final clean upon completion of all surfaces installed by this scope of work.
8. Joint sealants in expansion, contraction, control, and isolation joints in tile surfaces.
9. Include an allowance of \$5,000 for additional work as directed by the Construction Manager. Any unused portion will be returned to the Owner.
10. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 09-6000**LPS ADES, FES & RES Renovations
09-6000 – Flooring Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Flooring** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- Division 09
- 096513 Resilient Base and Accessories
- 096519 Resilient Tile Flooring
- 096813 Tile Carpeting

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Perform proper testing to ensure product manufacturer requirements are met before proceeding with installation.
3. Provide and Install all Resilient base, resilient flooring, VCT, and all accessories for a complete installation.
4. All carpet per the Contract Documents.
5. Clean concrete floor (as required for acceptable substrate) prior to installation of all types of flooring. Scraping of drywall mud will be by the Drywall Contractor.
6. Floor preparation as required to complete the scope of work. Floor leveling as required of floors within construction tolerances. Floor preparation includes concrete joints, repair of chips or dings, and any deviation in elevation outside the specified levels. This also includes all patching and other preparation required for damage caused by demolition. Floor preparation includes transitions between rooms, doorways, and transitions from new to existing, etc.
7. Edge/transition/reducer strips, metal termination strips between flooring materials, primers, adhesives, and other miscellaneous items required for a complete installation. This scope also includes any Portland based floor fill or leveling compound required at all floor joints.
8. Cut all flooring materials to fit tightly to vertical surfaces, permanent fixtures and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosing's. Bind or seal cut edges as recommended by all flooring manufacturers.
9. Coordinate with the concrete subcontractor to ensure the curing compounds used on the concrete slabs are compatible with flooring adhesives used in this scope of work.

10. Coordinate with Construction Manager regarding any recesses required for finish flooring transitions required in concrete floors.
11. At doorways, center seams shall be placed under the door when in the closed position.
12. Final cleaning of flooring upon completion of installation.
13. Include an allowance of \$7,500 for additional work as directed by the Construction Manager. Any unused portion will be returned to the Owner.
14. Provide all flooring patch back as noted on the plans. Salvage flooring during demo and match to obtain the correct flooring type.
15. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Sealed Concrete Flooring – Painting Subcontractor
2. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

Unit Price:

1. Provide a unit price for moisture mitigation. \$_____/sf

PROJECT: N3-0652
COST CODE: 09-6700**LPS ADES, FES & RES Renovations
09-6700 – Resinous Flooring Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Resinous Flooring** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 096723 Resinous Flooring

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Perform proper testing to ensure product manufacturer requirements are met before proceeding with installation.
3. Provide and install resinous floor, base, and coating systems per the Contract Documents. Include all accessories for a complete installation.
4. All floor and wall preparation as required. Floor preparation includes concrete joints, repair of chips or dings, and any other deviation within subfloor and concrete tolerances per the Contract Documents. This also includes transitions between rooms, doorways, as well as any damage caused by demolition.
5. This scope of work shall be responsible for material at all floor joints located within the resinous flooring system. Include material as indicated per the Contract Documents.
6. Provide all necessary transitions and terminations at dissimilar materials.
7. This subcontractor is responsible for verifying substrate is suitable to receive coatings prior to installation of the work. Notify the Construction Manager of any unsuitable substrate PRIOR to application. Installation of this scope of work indicates acceptance of substrate by this subcontractor.
8. Perform final cleaning upon completion of installation.
9. Include an allowance of \$5,000 for miscellaneous construction activities per the direction of the Construction Manager. Any unused portion will be returned to the Owner.
10. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.



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Unit Price:

1. Provide a unit price for moisture mitigation. \$_____/sf

PROJECT: N3-0652
COST CODE: 09-9000**LPS ADES, FES & RES Renovations
09-9000 – Painting Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Painting** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 099123 Interior Painting
- 099300 Staining and Transparent Finishing
- 099600 High-Performance Coatings

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Painting including, but not limited to surface preparation, priming, and finish coats to surfaces indicated. All surfaces exposed to view shall be painted, except as noted, including access panels, surfaces of mechanical and electrical equipment that do not have factory applied finishes, as shown in the Contract Documents.
3. Interior painting of all utility, mechanical and electrical rooms as scheduled.
4. Painting of hollow metal frames and doors.
5. Painting of metal decking, beams, columns, lintels, joists and any other exposed miscellaneous steel per the Contract Documents.
6. Painting/staining of interior architectural woodwork as noted per the Contract Documents.
7. Detail caulking as required at door and window frames to walls.
8. All sealed concrete finished floors are by this package.
9. This Contractor responsible for verifying substrate is suitable to receive paint/coatings prior to installation of the work. The Contractor shall be notified of any unsuitable substrate PRIOR to painting. The application of the coating indicates acceptance of surfaces and conditions by this Contractor.
10. Masking at all labels on mechanical equipment prior to painting.
11. Painting of all interior and exterior items per the contract documents.
12. Include touch-up painting for punch list items and trade damage. At completion of construction activities by other trades, touch up and restore damaged or defaced painted surfaces.
13. Paint, ductwork, piping, fire suppression piping and electrical items where exposed to view except as specifically excluded.

14. This scope of work to include sealing concrete floors as noted on the drawings and spec. This includes prep work to ensure the substrate is clean of debris.
15. Paint of all outdoor gas piping
16. Furnish and install protection of concrete and finished flooring from paint overspray. Remove any overspray onto concrete floors is required prior to installation of flooring material.
17. Include an allowance of \$15,000 for miscellaneous work as directed by the Contractor. This is not for punch list or touch up activities. Any unused portion will be returned to the Owner.
18. Any interior vinyl decals and wall coverings, not on glazing shall be by this scope of work. Vinyl details located on glazing shall be by the glazing contractor.
19. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Glazing Vinyl Decals – By Glazing Contractor
2. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 12-3000**LPS ADES, FES & RES Renovations
12-3000 – Casework Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Casework** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 123200 Manufactured Wood Casework
- 123666 Solid Surfacing Countertops

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Provide and install all manufactured wood casework, plastic-laminate-clad countertops, solid surface countertops, and all plastic laminate.
3. Install all concealed brackets/framing that support this package's work.
4. This contractor is to provide field measurements and shop drawings for all casework and countertops.
5. Coordinate openings in tops with other trades prior to fabrication. If contractor fails to coordinate it will be their responsibility to field cut as required.
6. Backing is to be provided by General Trades Package. Provide backing sizes, locations, and layout to General Trades Package prior to wall being enclosed.
7. Provide all sheathing and 2x4s that are covered or in conjunction with solid surface, plastic-laminate-clad countertops and panels, or casework. (i.e. Reception desks)
8. Provide all display cases, shelving, brackets, hanging devices, hardware, locks, filler plates etc. necessary for a complete installation.
9. Provide and install joint sealant at casework and countertops as required for a complete installation.
10. Locks associated with all casework are to be provided by this package. Coordinate keying with Owner.
11. Provide temporary protection of all work installed by this package. Countertop protection by this scope of work will be required to remain in place until substantial completion of the entire project.
12. All glass and glass shelving shall be by this scope.
13. Include an allowance of \$7,500 for additional work per the direction of the Construction Manager. Any unused portion shall be returned to the Owner.
14. The millwork signage, reveals, plastic laminate panels, and trim shall be by this scope of work.
15. Provide any access door sections indicated to be built into the casework.
16. All work is assumed to take place during normal working hours. In case there is OT needed, please



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provide the following rate:

a) OT Premium rate: \$_____/hour

The following work is excluded:

1. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

PROJECT: N3-0652
COST CODE: 22-1000**LPS ADES, FES & RES Renovations
22-1000 – Plumbing Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Plumbing** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 024119 Selective Demolition (As Applicable)
- 078413 Penetration Fire Stopping (As Applicable)
- Division 22 (All Sections)

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Provide firestopping at any plumbing piping penetrations in rated walls / barriers
3. Provide complete plumbing system as indicated on the Contract Documents, including but not limited to:
 - a) Any below slab plumbing work will be completed by this scope complete. Including saw cutting, excavation, and concrete pour back. Include xray of slab prior to saw cutting to ensure no existing MEP conflicts.
 - b) Demo and capping of piping as shown.
 - c) Caulking of all plumbing fixtures.
 - d) Drip pans as required.
 - e) Connections to all equipment within other sections or furnished by owner.
4. Provide and install all floor drains, floor cleanouts, and backflow preventers as show in the plumbing schedule.
5. Provide all equipment, materails, labor, etc. necessary for the complete installation of the gas piping system.
6. Provide and set all roof penetrations as required for this Scope of Work. Pentrations will be flashed in and made weather tight by roofing contractor.
7. All supports, anchors, guides, misc metal supports, penetrations, sleeves, blocking, and equipment supports required for the proper installation.
8. Piping of condensate drains for equipment provided under the HVAC scope of work per the details, specifications, and manufacturers requirements. Work to include all piping, fittings, traps, insulations supports, etc. Coordinate with the HVAC Contractor.
9. All pumps as required.
10. Access doors required by this scope of work, not shown in the Contract Documents are to be provided by this scope of work. Lockable and rated where required.

11. This Contractor will be required to pull permits for all work as required.
12. Provide a \$25,000 allowance for plumbing work beyond scope. Any unused portion will be returned to the owner.
13. Demo of existing plumbing fixtures as well as any saw cutting noted on the Contract Documents shall be by the demo scope of work. Any additional saw cutting and work not shown on the Contract Documents required and needed to complete the installation for this scope shall be by this scope of work.
 - a) For MEP demolition work, MEP contractors will make safe, cut and drop all material associated with re-work and new tie-ins. The demo contractor will remove the dropped material from the building to the dumpster.

The following work is excluded:

1. Toilet Room Accessories – By General Trades Contractor
2. Plumbing Fixture Demo – By Demo Subcontractor (Disconnect and cap by this contractor)
3. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

Unit Prices:

1. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

PROJECT: N3-0652
COST CODE: 23-3000**LPS ADES, FES & RES Renovations
23-3000 – HVAC Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **HVAC** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 024119 Selective Demolition (As Applicable)
- 078413 Penetration Fire Stopping (As Applicable)
- Division 23 (All Sections)

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. All mechanical demolition and salvaging shall be by this scope of work. Make safe and disconnect and demo all items as noted per the contract documents. Any items called to be reused shall be reinstalled by this Contractor. Dispose of remaining items in on-site dumpster provided by the Construction Manager. All other demolition by others.
3. Provide complete HVAC system as indicated on the Contract Documents, including but not limited to:
 - a) Insulation as it relates to this scope of work.
 - b) Range Hoods per Div 11
 - c) HVAC Piping
 - d) DOAS Units
 - e) Fans
 - f) All ductwork
 - g) Duct security bars
 - h) Grilles, Registers & Diffusers
 - i) Exhaust fans
 - j) Return air boots
 - k) Connections to all equipment within other sections or furnished by owner.
 - l) Testing and balancing
4. Wall penetrations at existing walls required by this Scope of Work, including but not limited to, layout, core drilling, saw cutting, etc.
5. Provide and install penetration fire stopping at HVAC penetrations in rated walls / barriers.
6. Equipment located on the roof as indicated in the Contract Documents, including but not limited to:
 - a) Units will be set after structure complete-size crane accordingly and provide a lift plan prior to installation.
 - b) Coordinate roof openings locations and supports.

- c) Curbs and equipment supports. This Contractor is responsible to provide leveling and buildup of curb as necessary after insulation is installed and as necessary to maintain proper clearance for roofing warranty.
 - d) Fall protection at openings.
 - e) Temporary weather protection at openings until openings are fully covered and protected by equipment.
 - f) Cutting and removal of roof decking. Provide leading edge protection if items are not installed immediately after cutting openings.
- 7. Adjustments to all mechanical systems from all other MEP systems testing.
 - 8. Install duct detectors furnished by the electrical Contractor. The electrical Contractor is responsible for final connections of these devices.
 - 9. All exterior louvers, outside control dampers, include associated flashing for this scope of work.
 - 10. Any additional access doors required by this scope of work but not shown in the Contract Documents shall be by this scope of work. Lockable and rated where required.
 - 11. Temperature controls systems complete, including but not limited to
 - a) Provide special back boxes if required.
 - b) Provide all BAS panels as required.
 - c) Adjustments to all mechanical systems during and after fire alarm systems testing.
 - d) Low voltage control and interlock wiring, devices, software, and programming.
 - e) Electrical Contractor to provide conduit and raceway.
 - f) This scope to provide temporary control if needed during tie-in.
 - 12. This scope of work to handle all mechanical demo associated with ductwork and piping re-work and new tie-ins. All items should be dropped to the floor for the demo contractor to remove from the building to the dumpster.
 - a) This scope of work to handle the roof top demo, removal/salvaging, and associated dumping for the equipment. For example, see Doniphan drawing set DME202 note 2 and 3. Also, reference drawing MD-101A in the Ridgeview drawing set.
 - b) This scope of work to handle all relief hoods and vent removal as noted on the drawings. For example, see drawing MD-103B in the Ridgeview drawing set.
 - c) This scope to salvage all existing registers, grilles and diffusers for re-install as noted in the drawings. For example, see MD-101B on the Ridgeview drawing set.
 - 13. Demo of existing plumbing fixtures as well as any saw cutting noted on the Contract Documents shall be by the demo scope of work. Any additional saw cutting and work not shown on the Contract Documents required and needed to complete the installation for this scope shall be by this scope of work.
 - a) For MEP demolition work, MEP contractors will make safe, cut and drop all material associated with re-work and new tie-ins. The demo contractor will remove the dropped material from the building to the dumpster.
 - 14. This scope of work to handle all duct patching and associated insulation where noted on the drawings.
 - 15. This scope of work to salvage and re-install mechanical items noted on the drawings.
 - 16. Provide and install variable frequency controllers/variable frequency drives as required for equipment of this scope. Coordinate with Division 26 Contractor for final connections.
 - 17. This contractor will be required to pull permits for all work as required.
 - 18. Provide an allowance of \$50,000 for mechanical work per the direction of the Construction Manager. Any unused portion will be returned to the Owner.



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The following work is excluded:

1. Furnishing Duct Smoke Detectors – By Electrical Contractor
2. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

Unit Prices:

1. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a) OT Premium rate: \$_____/hour

PROJECT: N3-0652
COST CODE: 26-1000**LPS ADES, FES & RES Renovations
26-1000 – Electrical Scope of Work****Specific scope of work to be performed:**

Provide all required labor, material, equipment, permits, layout, freight, and applicable taxes necessary for the **Electrical** Scope of Work complete as set forth in the contract documents and all other applicable sections of the project manual and all other subcontract documents identified.

Scope of work includes, but is not limited to, the following specification sections:

- Division 00
- Division 01
- 024119 Selective Demolition (As Applicable)
- 078413 Penetration Fire Stopping (As Applicable)
- Division 26 (All Sections)
- Division 27 (All Sections)
- Division 28 (All Sections)

JOB SPECIFIC SCOPE INCLUDES (but is not limited to):

1. All items per Master Scope of Work.
2. Make safe for demo. Demolition as shown on drawings for all electrical, low voltage, data, and fire alarm. Salvage, store and reinstall devices called out to relocate/reuse.
3. For MEP demolition work, MEP contractors will make safe, cutting and dropping all material associated with re-work and new tie-ins. The demo contractor will remove the dropped material from the building to the dumpster.
 - a) This scope of work is to handle all electrical demo and salvaging as needed. Coordinate with demo contractor on which items can be thrown away.
4. Any below slab electrical work will be completed by this scope complete. Including saw cutting, excavation, and concrete pour back. Include xray of slab prior to saw cutting to ensure no existing MEP conflicts.
5. Wall penetrations at existing walls required by this Scope of Work, including but not limited to, layout, core drilling, saw cutting, etc.
6. Provide and install penetration firestopping at electrical conduit / wire penetrations in rated walls.
7. Provide conduit raceways and sleeves for the following systems, including but not limited to:
 - a) Temperature Control
 - b) Building Automation System
 - c) Data
8. Fire Alarm System complete, including but not limited to:
 - a) This scope of work shall be responsible all work related to the relocation and reinstallation of the existing fire alarm panels and system. This includes but is not limited to any demolition, salvaging, relocation, and reinstallation, etc as required for a complete and functional system. This includes any and all accessories and materials as required. This scope of work will be responsible for

- maintaining on operational fire alarm system from the time the existing panels are moved and until they are reinstalled and operational again.
- b) Furnish of duct detectors. Include final connection and testing. Installation to be my Mechanical Subcontractor.
 - c) Provide and install all new audio/visible devices.
 - d) Testing of all systems
 - e) System shall interface with security electronics systems. Coordinate with security electronics subcontractor. Provide fire alarm system programming and auxiliary contracts as required to allow for fire alarm annunciation/control from the security electronics control panels as specified.
 - f) Provide input and output modules for all equipment that must be monitored/controlled for the purpose of smoke evacuation/pressurization.
 - g) Provide all fire alarm wiring including control and monitoring wire from each input/output module to its corresponding piece of smoke evacuation equipment.
 - h) Testing for fire alarm system in conjunction with HVAC contractor, electrical contractor and general contractor to verify accurate function of smoke evacuation/pressurization systems.
 - i) Provide magnetic door hold devices.
9. Electrical service to other MEPT systems, including but not limited to:
- a) Line voltage interlock wiring for mechanical system
 - b) Starters and disconnect switches
 - c) DOAS Units
 - d) Fans
 - e) Plumbing fixtures
 - f) Duct detectors
 - g) Variable frequency drives and/or controllers furnish by MEP subcontractors
10. Communications and AV system per the contract documents, including but not limited to:
- a) Cable tray
 - b) Sleeves & sleeve seals
 - c) Grout
 - d) Enclosures for underground data transition
 - e) Boxes and conduit
 - f) Cabling
 - g) Devices
11. Provide and install all power requirements and electrical connections to all equipment, furnishings, etc. requiring electric power including but not limited to, indicated or not indicated – handicap assist door operators, magnetic hold-open devices, all disconnects, other systems requiring power, etc.
12. Final hook up of kitchen equipment, shades, or other power operated devices.
13. Provide motor starters and disconnect switches for HVAC and plumbing equipment as required for mechanical equipment (reference mechanical schedules).
14. Provide and install all technology and AV equipment, systems, wiring, raceways and connections per TA series drawings of the Contract Documents.
15. Provide and install all access control cabling, devices, etc. complete.
16. Provide and install all video surveillance cabling, devices, etc. complete.
17. Provide and install all fixtures, devices, raceway, unistrut etc. needed for exterior and interior lighting.
18. This Scope of Work to re-work conduit and coordinate with Evergy on new transformer location. The new transformer is to be located along the NW side of the building. For reference see drawing ED-201B in the Ridgeview drawing set.

19. Any additional access doors required by this scope of work but not shown in the Contract Documents shall be by this scope of work. Lockable and rated where required.
20. Provide and set all roof penetrations as required for this Scope of Work. Penetrations will be flashed in and made weather tight by roofing contractor.
21. This Contractor will be required to pull permits for all work as required.
22. Include a \$25,000 allowance for temporary protection to protect classroom surfaces and furniture for lighting replacement. Allowance to be used as directed by the Construction Manager, any unused portion will be returned to the owner.
23. Include a \$40,000 allowance for items not shown in the Contract Documents. Allowance to be used as directed by the Construction Manager, any unused portion will be returned to the owner.

The following work is excluded:

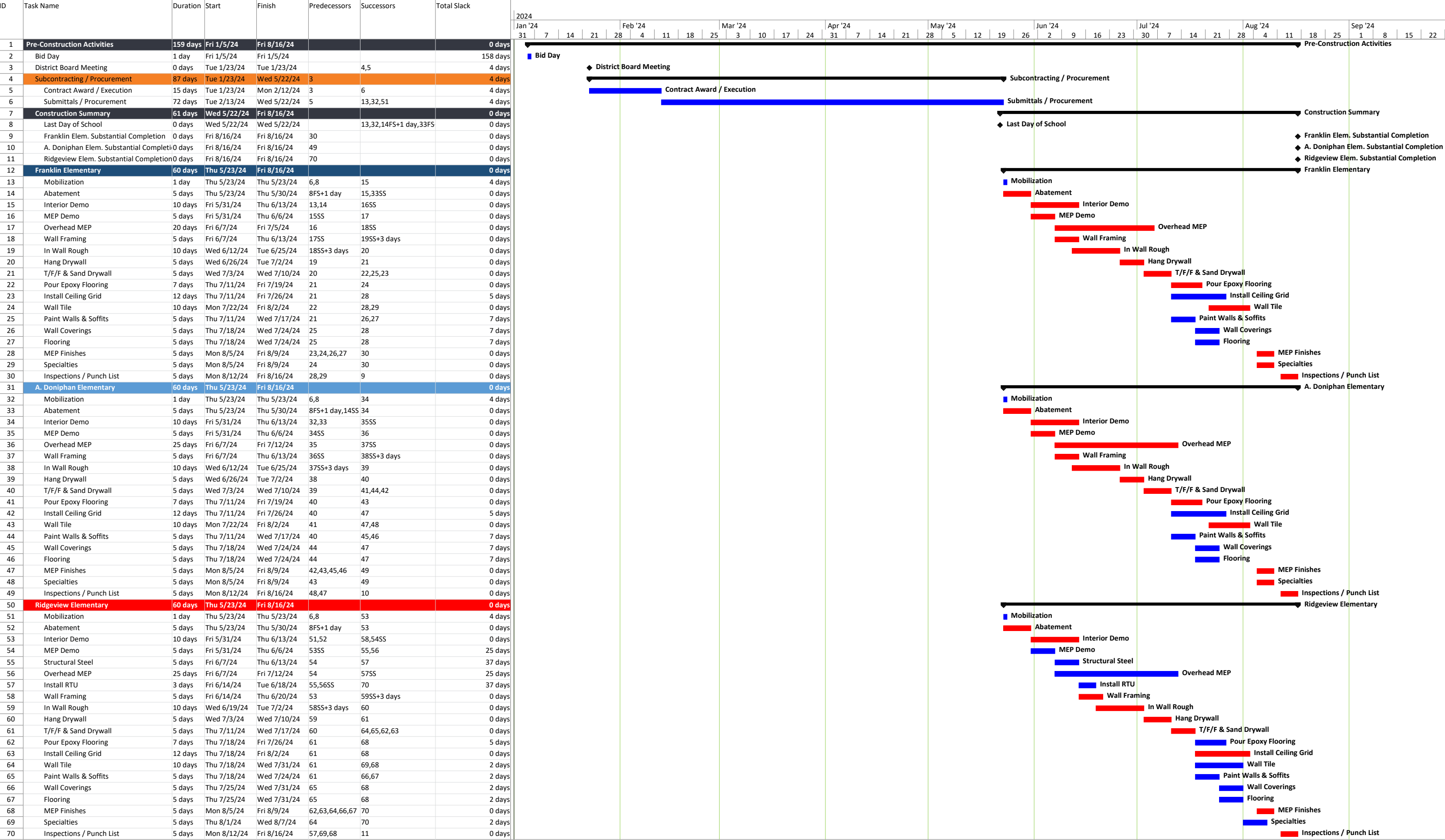
1. Phase 2 Scope at Ridgeview Elementary as indicated by shaded areas noted on the Ridgeview Elementary Drawings.

Unit Prices:

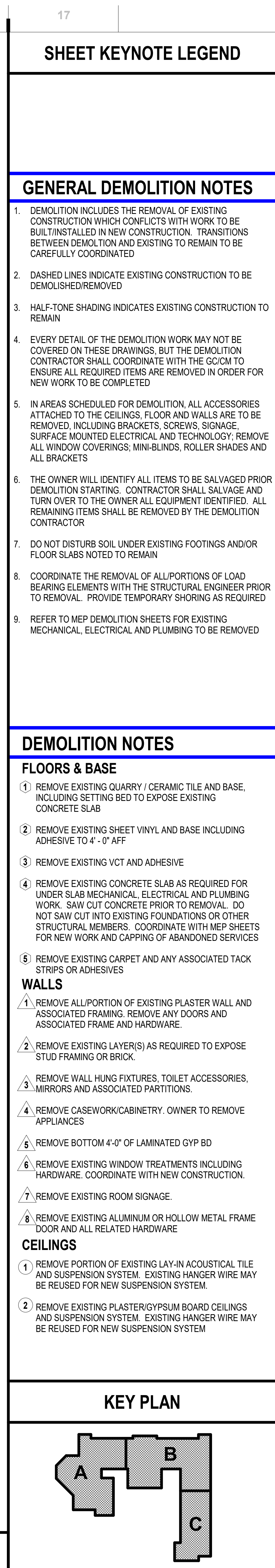
1. All work is assumed to take place during normal working hours. In case there is OT needed, please provide the following rate:
 - a. OT Premium rate: \$_____/hour

SECTION 00 31 13
MILESTONE SCHEDULE OF CONSTRUCTION

The Bidder recognizes that revisions in the planned schedule are inherent in the nature of construction. This may result in revisions to the schedule of construction for the Project and the Bidder's Work during the progress of construction. Bidder acknowledges that Owner or Construction Manager cannot guarantee Bidder, if selected, will be able to start the Work on any particular date or continue without interruption once started.

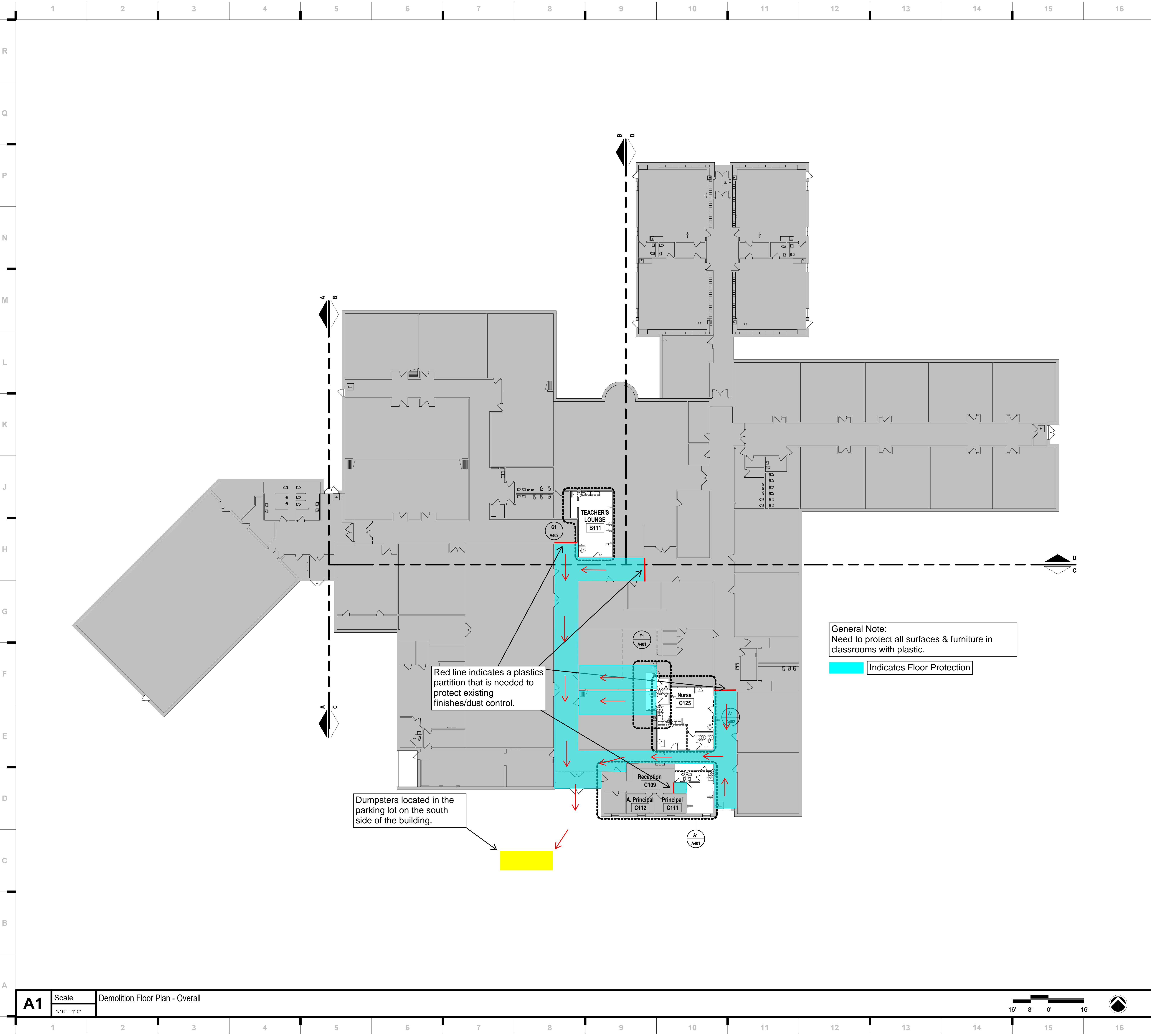


SECTION 00 3114:
SITE LOGISTICS PLAN



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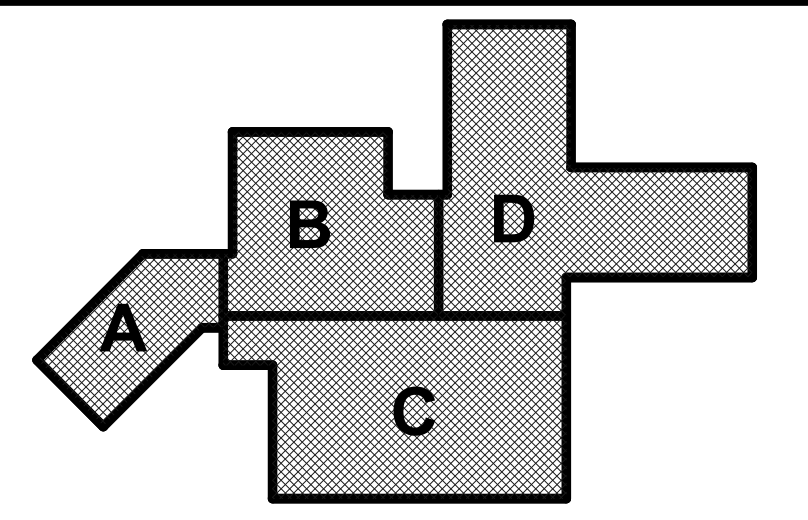


SHEET KEYNOTE LEGEND

GENERAL DEMOLITION NOTES

- DEMOLITION INCLUDES THE REMOVAL OF EXISTING CONSTRUCTION WHICH CONFLICTS WITH WORK TO BE BUILT/INSTALLED IN NEW CONSTRUCTION. TRANSITIONS BETWEEN DEMOLITION AND EXISTING TO REMAIN TO BE CAREFULLY COORDINATED
- DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE DEMOLISHED/REMOVED
- HALF-TONE SHADING INDICATES EXISTING CONSTRUCTION TO REMAIN
- EVERY DETAIL OF THE DEMOLITION WORK MAY NOT BE COVERED ON THESE DRAWINGS, BUT THE DEMOLITION CONTRACTOR SHALL COORDINATE WITH THE GC/CM TO ENSURE ALL REQUIRED ITEMS ARE REMOVED IN ORDER FOR NEW WORK TO BE COMPLETED
- IN AREAS SCHEDULED FOR DEMOLITION, ALL ACCESSORIES ATTACHED TO THE CEILINGS, FLOOR AND WALLS ARE TO BE REMOVED, INCLUDING BRACKETS, SCREWS, SIGNAGE, SURFACE MOUNTED ELECTRICAL AND TECHNOLOGY; REMOVE ALL WINDOW COVERINGS; MINI-BLINDS, ROLLER SHADES AND ALL BRACKETS
- THE OWNER WILL IDENTIFY ALL ITEMS TO BE SALVAGED PRIOR DEMOLITION STARTING. CONTRACTOR SHALL SALVAGE AND TURN OVER TO THE OWNER ALL EQUIPMENT IDENTIFIED. ALL REMAINING ITEMS SHALL BE REMOVED BY THE DEMOLITION CONTRACTOR
- DO NOT DISTURB SOIL UNDER EXISTING FOOTINGS AND/OR FLOOR SLABS NOTED TO REMAIN
- COORDINATE THE REMOVAL OF ALL PORTIONS OF LOAD BEARING ELEMENTS WITH THE STRUCTURAL ENGINEER PRIOR TO REMOVAL. PROVIDE TEMPORARY SHORING AS REQUIRED
- REFER TO MEP DEMOLITION SHEETS FOR EXISTING MECHANICAL, ELECTRICAL AND PLUMBING TO BE REMOVED

KEY PLAN



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Smith & Boucher
Mechanic, Electric, Plumbing
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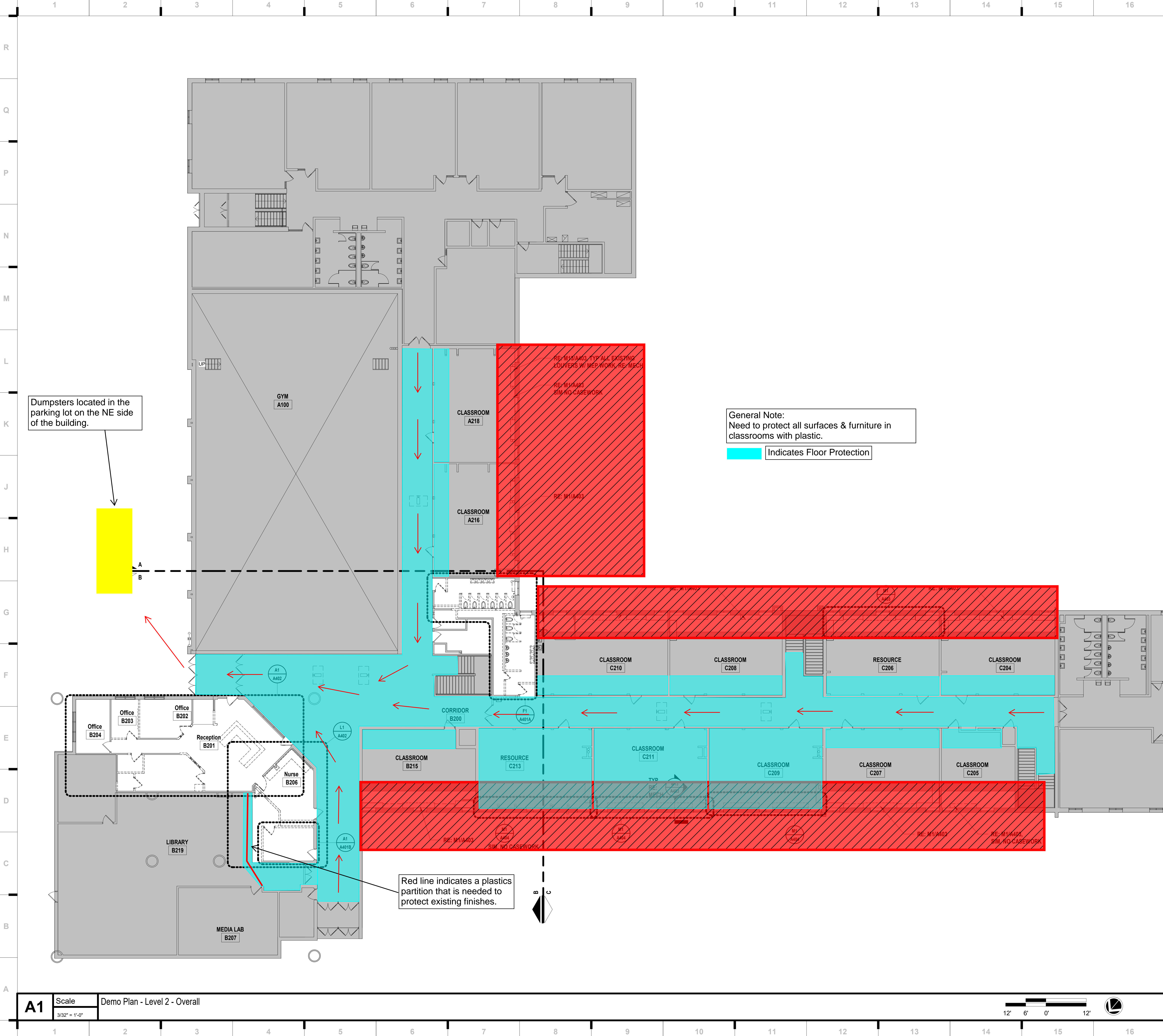


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GENERAL DEMOLITION NOTES

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= Phase 2 Scope of Work
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Henderson Engineers
Mechanical/Electrical Engineers
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100% CONSTRUCTION DOCUMENTS

Ridgeview Elementary School
Liberty Public Schools
701 Thornton Street
Liberty, MO 64068

REVISIONS:		
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Kevin E. Nelson
A-2019915618
November 22, 2023

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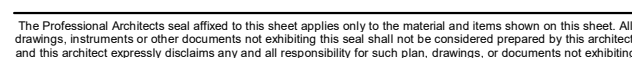
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- Henderson Engineers**
Mechanical/Electrical Engineers
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Liberty, MO 64068



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DEMOLITION FLOOR PLAN - OVERALL - LEVEL 1

OTHER

1. ALTERNATE NO.1 – RIDGEVIEW ELEMENTARY

- a. Alternate No. 1 for Ridgeview Elementary to replace all ACT in the entire school is now part of Phase 2 and should not be included in this bid package. As shown on revised sheet G000.

2. LED LIGHTING REPLACEMENT - RIDGEVIEW ELEMENTARY

- a. Please reference the following Drawings for updated Phasing regarding LED Lighting replacements.

ED-101A LIGHTING LEVEL 1 DEMO PLAN - AREA A

ED-101B LIGHTING LEVEL 1 DEMO PLAN - AREA B

ED-101C LIGHTING LEVEL 1 DEMO PLAN - AREA C

ED-102A LIGHTING LEVEL 2 DEMO PLAN - AREA A

ED-102B LIGHTING LEVEL 2 DEMO PLAN - AREA B

ED-102C LIGHTING LEVEL 2 DEMO PLAN - AREA C

E-101A LIGHTING LEVEL 1 PLAN - AREA A

E-101B LIGHTING LEVEL 1 PLAN - AREA B

E-101C LIGHTING LEVEL 1 PLAN - AREA C

E-102A LIGHTING LEVEL 2 PLAN - AREA A

E-102B LIGHTING LEVEL 2 PLAN - AREA B

E-102C LIGHTING LEVEL 2 PLAN - AREA C

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DESIGN TEAM

CONSTRUCTION MANAGER:
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Lenexa, KS 66214
CONTACT: Brandon Stanley
PHONE: 913.312.9535

STRUCTURAL ENGINEER:
Bob D Campbell
4338 Belleview Ave
Kansas City, MO 64111
CONTACT: Wayne Davis
PHONE: 816.531.4122

MEP ENGINEER:
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Mechanical/Electrical Engineers
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CONTACT: Allen Evans
PHONE: 913.742.5000

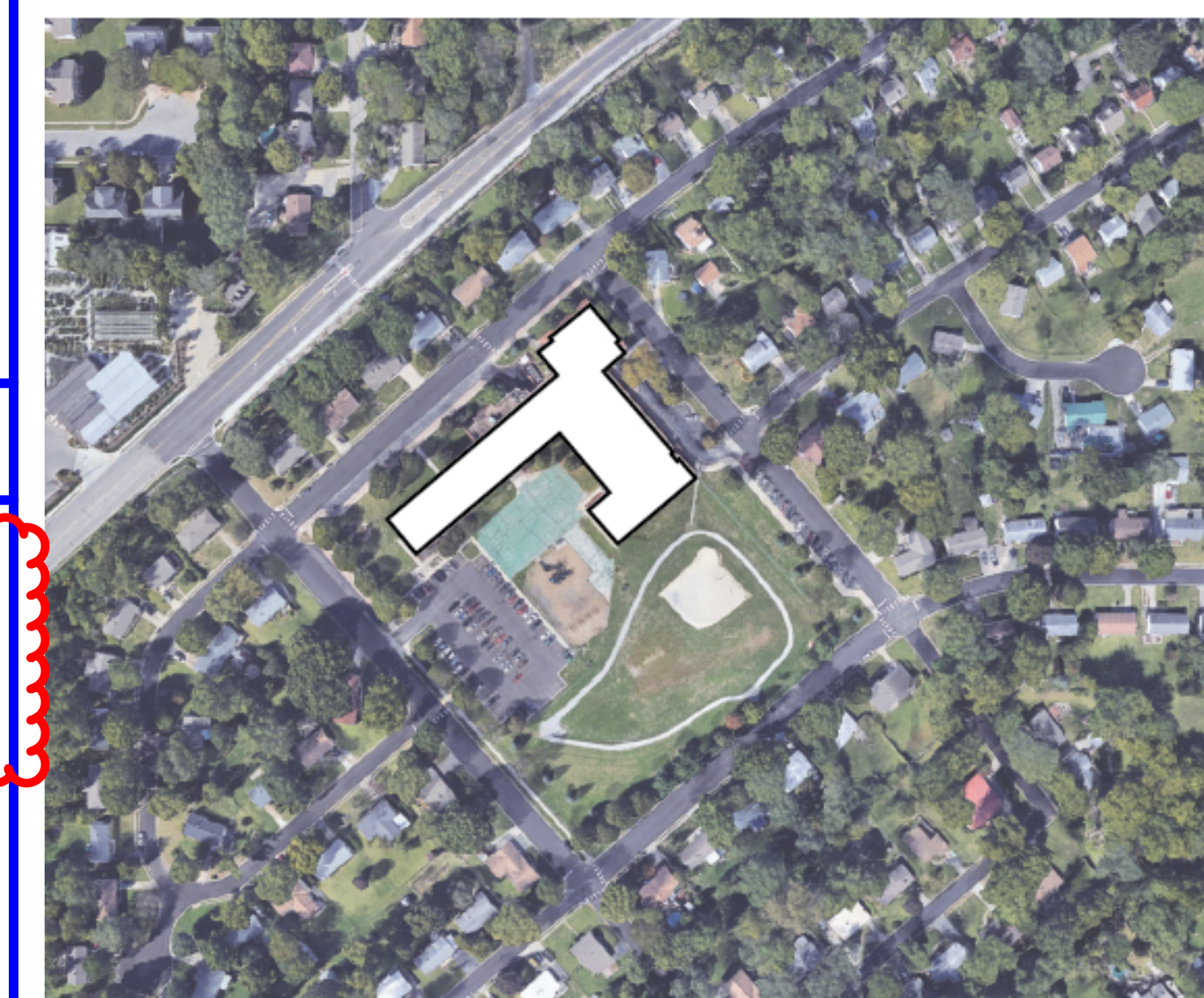
LEVEL 2

 = Phase 2 Scope of Work
(Not included in this Bid Package)

NNCP Addendum 1

ALTERNATES

No.	Accepted	Description
AD1	<input type="checkbox"/>	BASE BID / AS DOCUMENTED ON RCP. ADD ALTERNATE REPLACE FULL SCHOOL ACT WITH QCG1 GRID TO REMAIN
AD2	<input type="checkbox"/>	BASE BID HYDRONIC PIPING TO REMAIN AS IS OR MODIFIED AS DOCUMENTED. ADD ALTERNATE ALL HYDRONIC PIPING TO BE REPLACED EXCEPT FOR THE PIPING SERVING THE EXTERIOR CHILLERS AND THE BOILERS INSIDE THE BOILER ROOM AS DOCUMENTED



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NOVEMBER 22, 2023
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G000

COVER SHEET



1. ALL EXISTING ROOM/CORRIDOR LIGHTING CIRCUITRY SHALL REMAIN FOR REUSE UNLESS NOTED OTHERWISE, REFER TO NEW WORK LIGHTING PLANS FOR ADDITIONAL REQUIREMENTS.

 = Phase 2 Scope of Work
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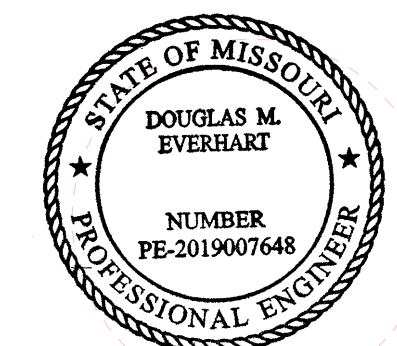
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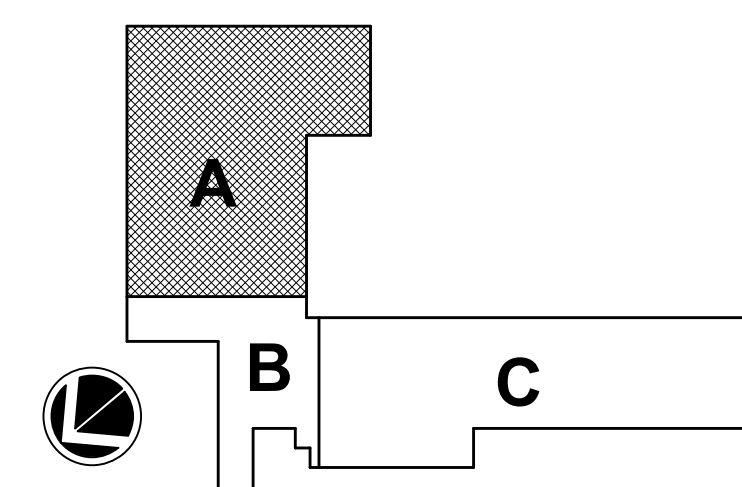
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ED-101A

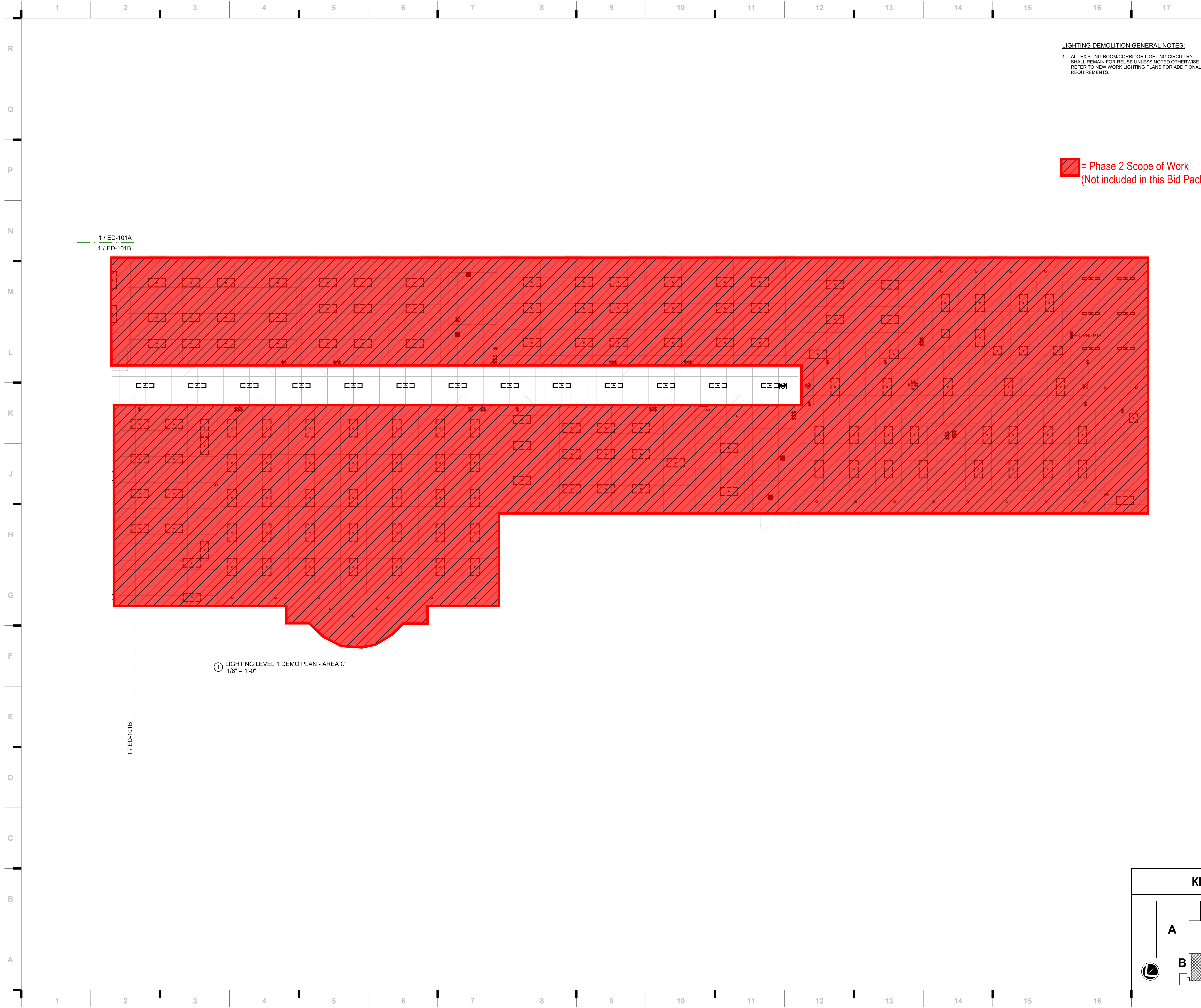
KEY PLAN



LIGHTING LEVEL 1 DEMO PLAN - AREA A

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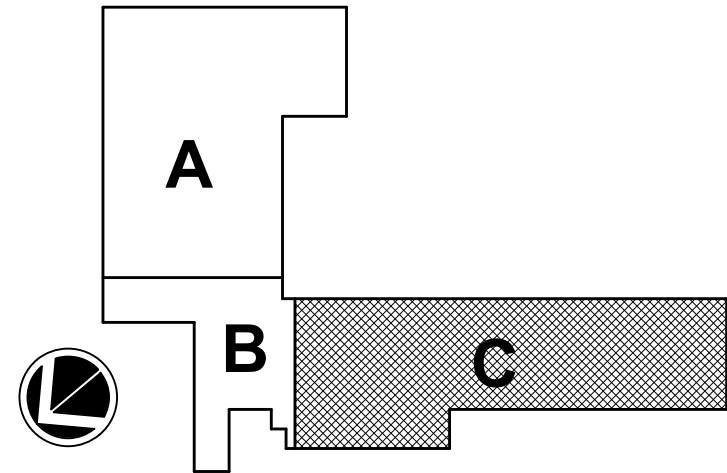


LIGHTING DEMOLITION GENERAL NOTES:
1. ALL EXISTING ROOM/CORRIDOR LIGHTING CIRCUITRY SHALL REMAIN FOR REUSE UNLESS NOTED OTHERWISE. REFER TO NEW WORK LIGHTING PLANS FOR ADDITIONAL REQUIREMENTS.

= Phase 2 Scope of Work
(Not included in this Bid Package)

① LIGHTING LEVEL 1 DEMO PLAN - AREA C
1/8" = 1'-0"

KEY PLAN



Ridgeview Elementary School

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ED-101C

LIGHTING LEVEL 1 DEMO PLAN - AREA C

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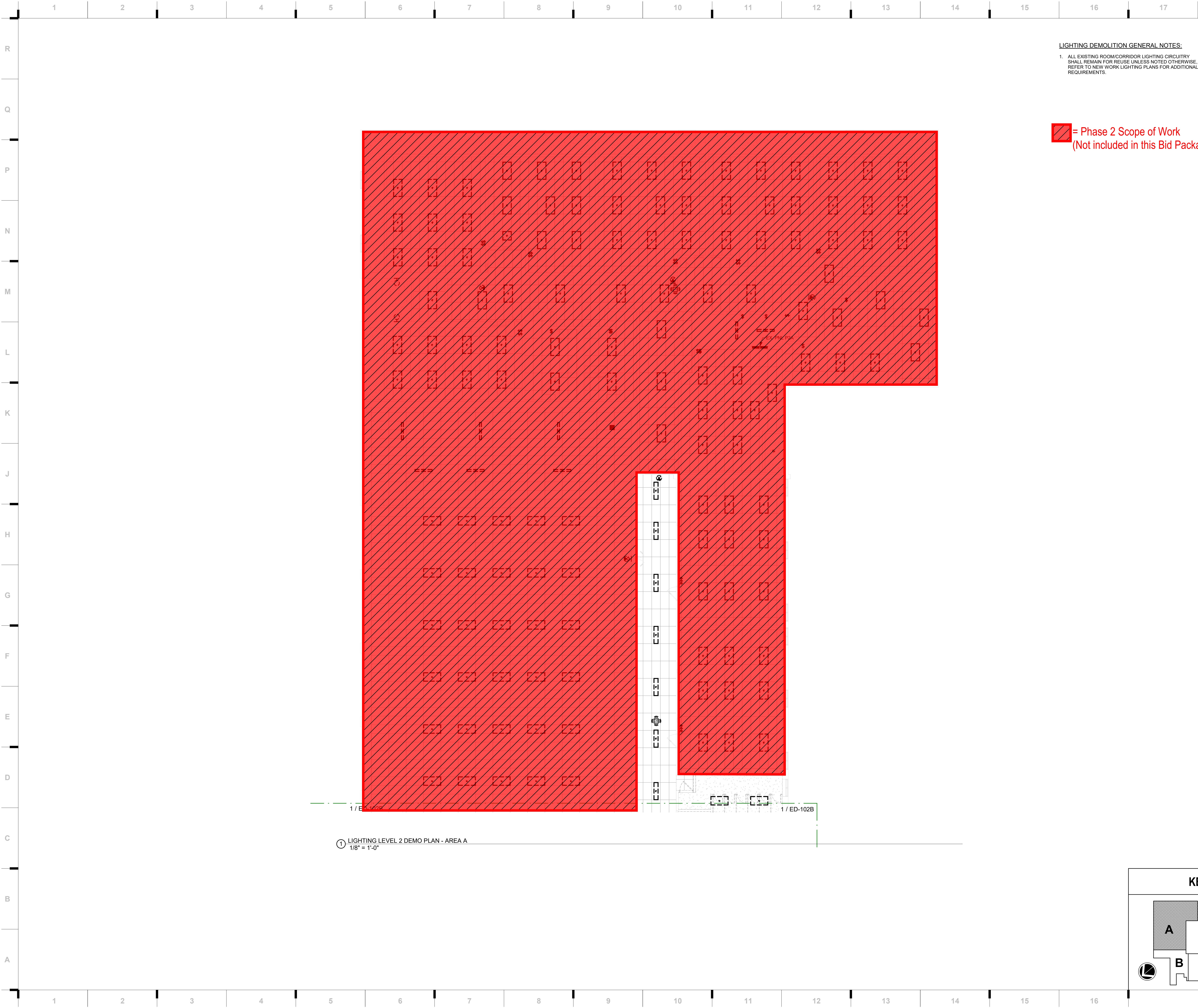
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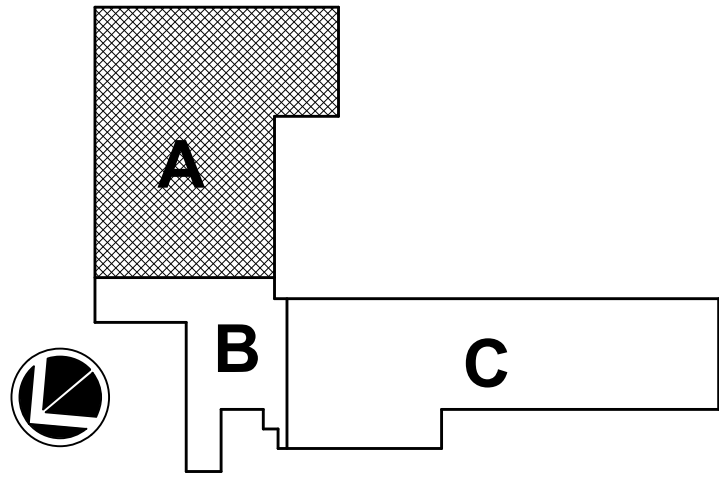
LIGHTING DEMOLITION GENERAL NOTES:

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 = Phase 2 Scope of Work
(Not included in this Bid Package)

① LIGHTING LEVEL 2 DEMO PLAN - AREA A
1/8" = 1'-0"

KEY PLAN



ED-102A

LIGHTING LEVEL 2 DEMO PLAN - AREA A

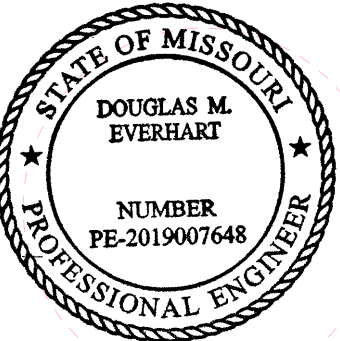
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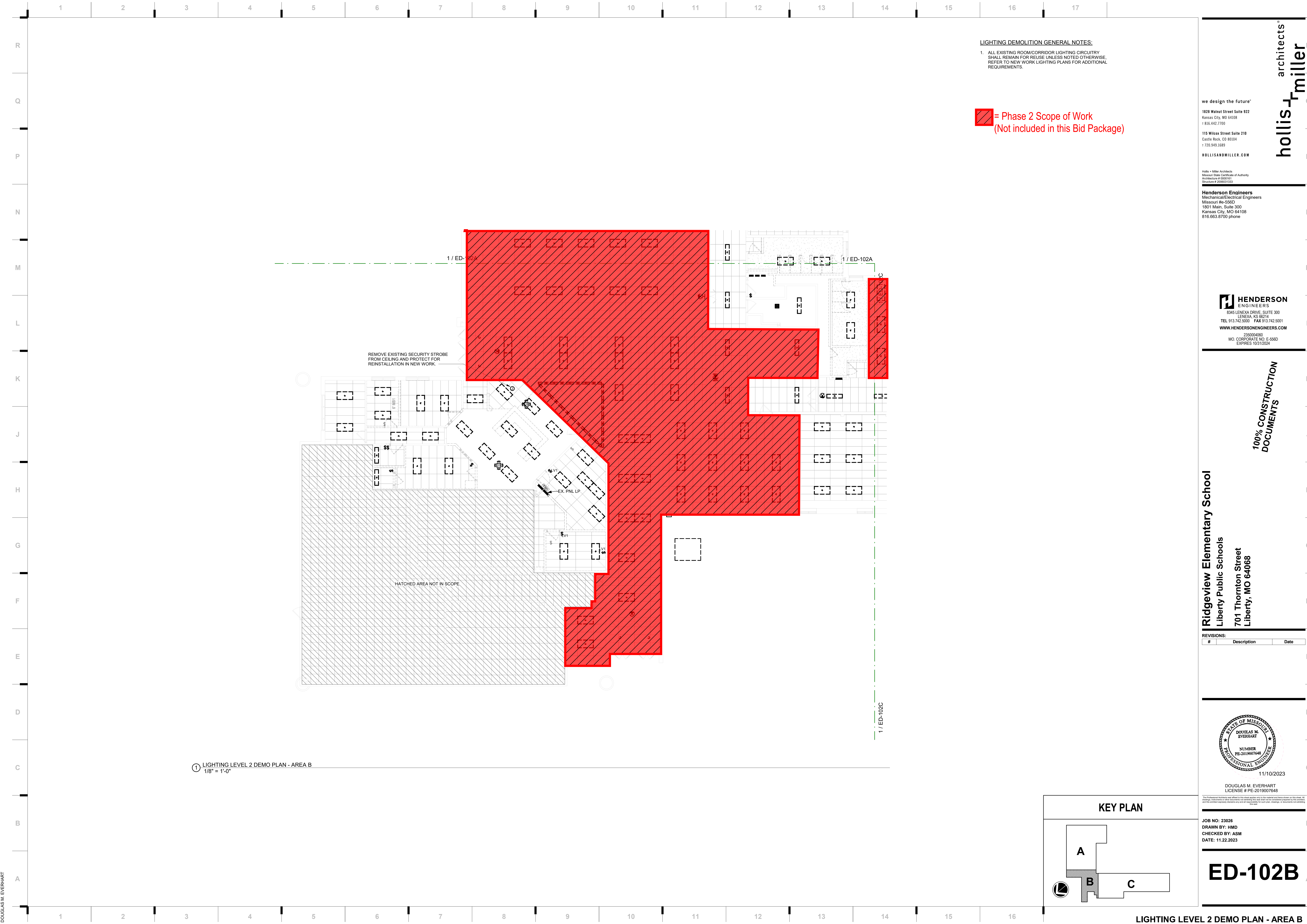
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LIGHTING DEMOLITION GENERAL NOTES:

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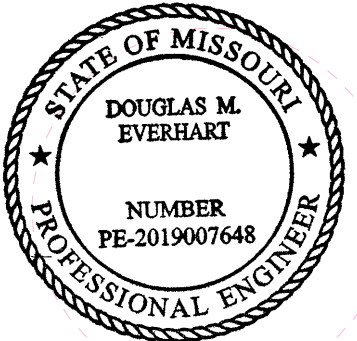
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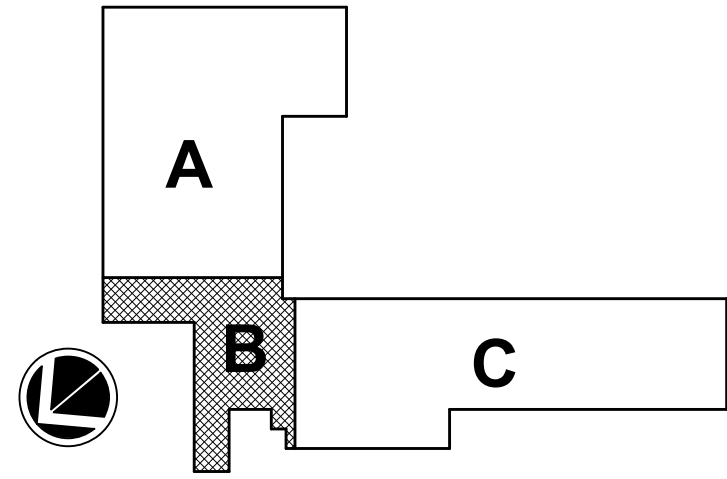
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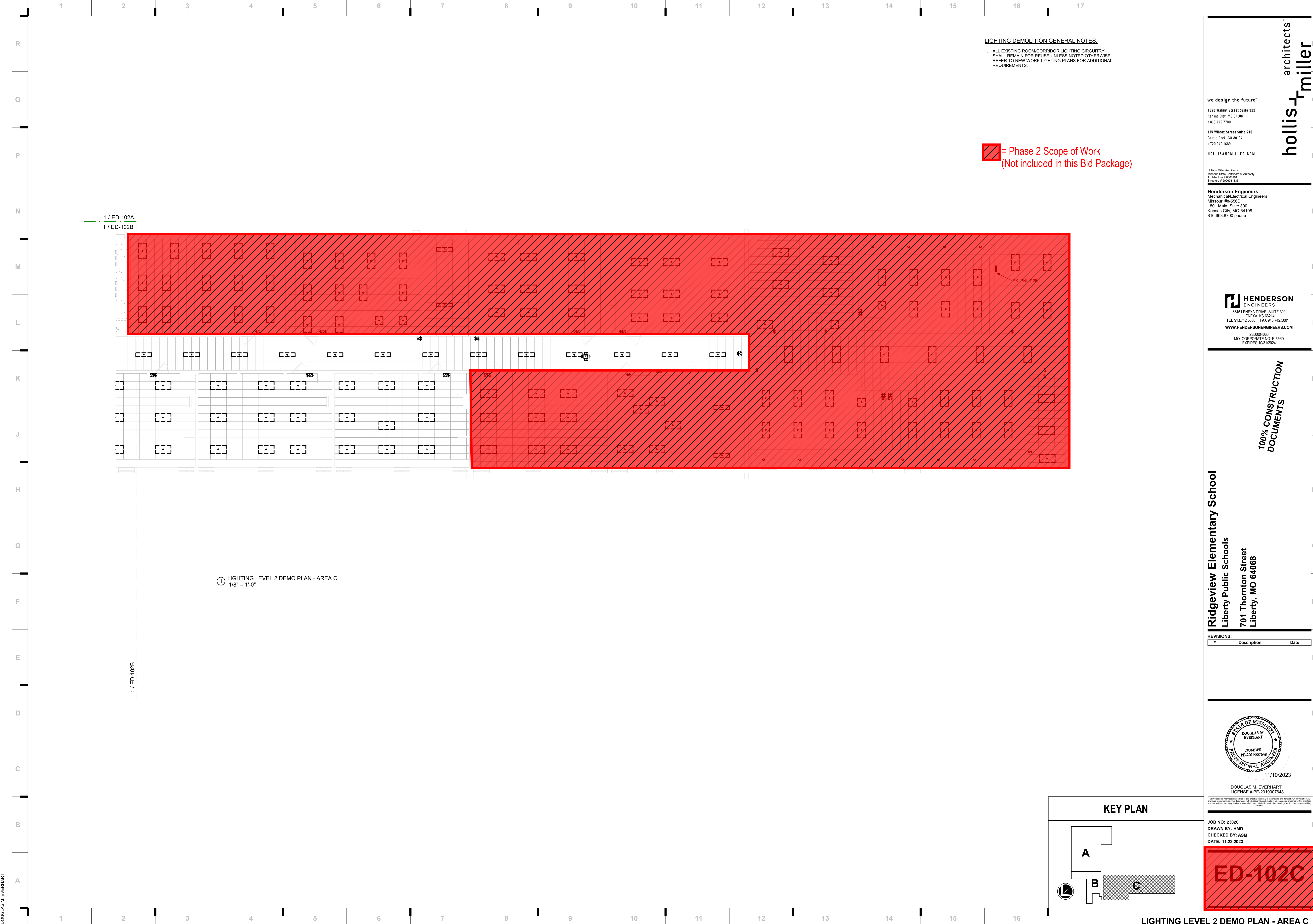
ED-102B

KEY PLAN



LIGHTING LEVEL 2 DEMO PLAN - AREA B

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LIGHTING DEMOLITION GENERAL NOTES:

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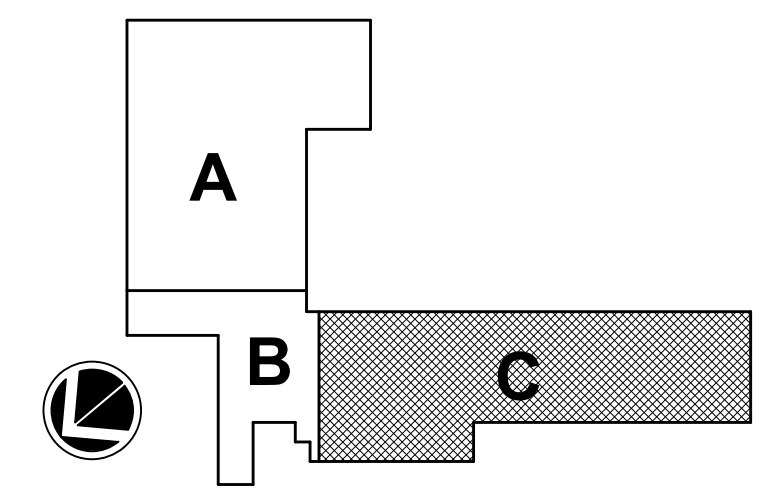
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LICENSE # PE-2019007648

JOB NO: 23026
DRAWN BY: HMD
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DATE: 11.22.2023

ED-102C

KEY PLAN



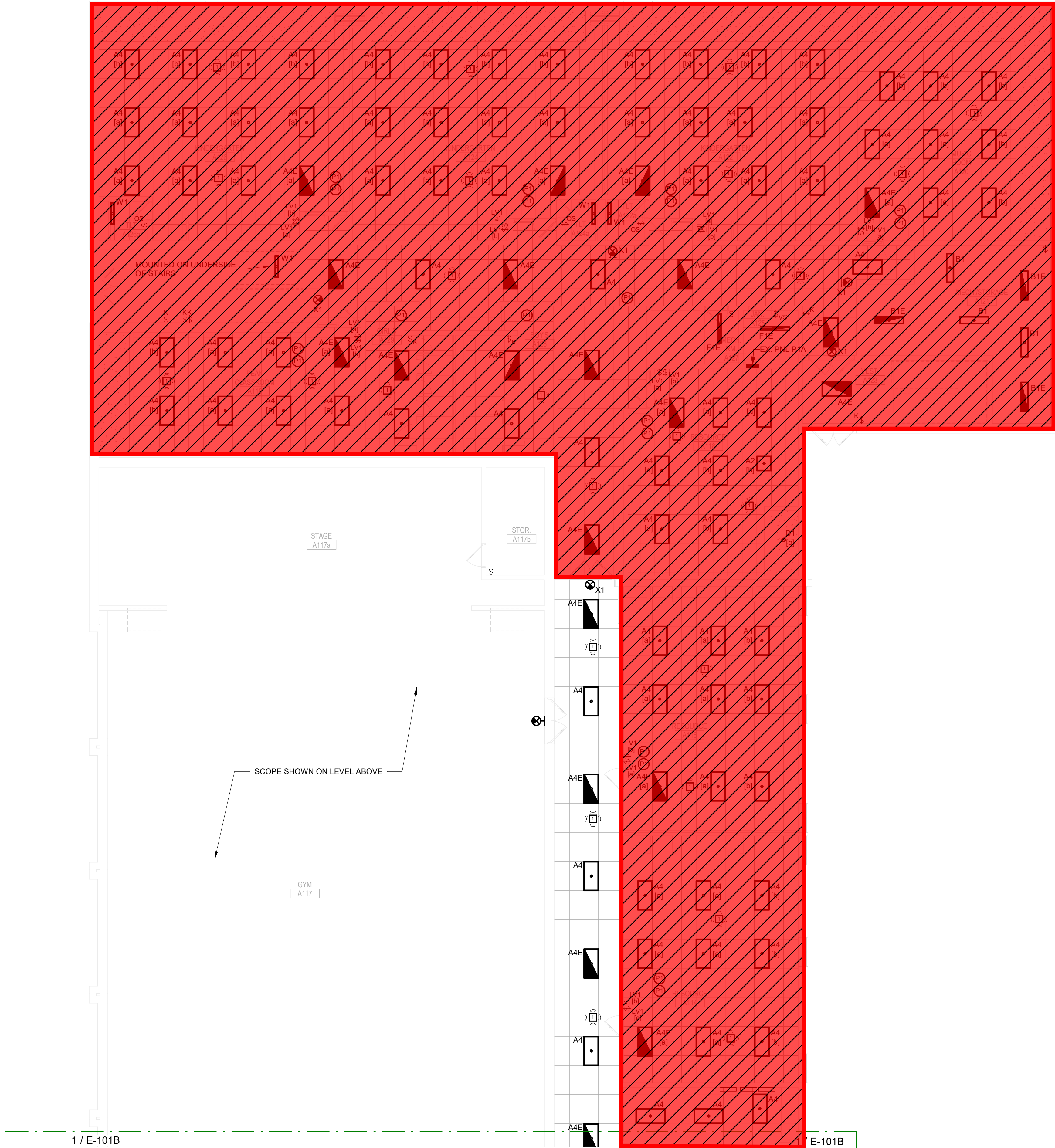
LIGHTING LEVEL 2 DEMO PLAN - AREA C

LIGHTING GENERAL NOTES:

1. EXISTING ROOM LIGHTING CIRCUITS SHALL BE REUSED TO THE MAXIMUM EXTENT POSSIBLE TO CONNECT TO NEW FIXTURES AND CONTROLS IN EACH SPACE, AS DICTATED BY THE CONTROL SCHEME. EXTEND EXISTING CIRCUITRY AS REQUIRED FOR CONNECTION.

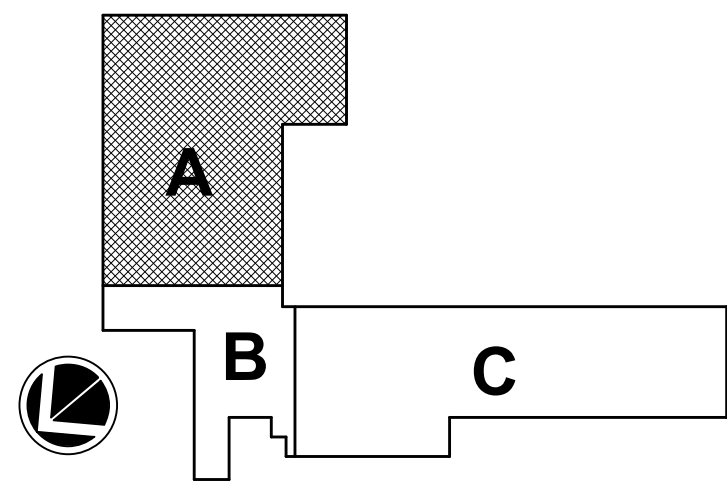
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① LIGHTING LEVEL 1 PLAN - AREA A
1/8" = 1'-0"

KEY PLAN



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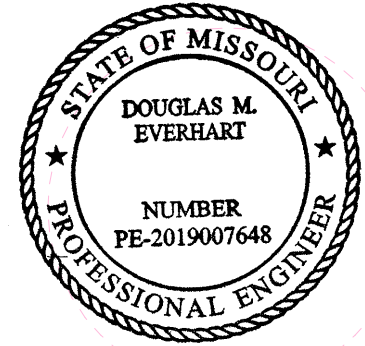
LIGHTING LEVEL 1 PLAN - AREA A

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LIGHTING LEVEL 1 PLAN - AREA A

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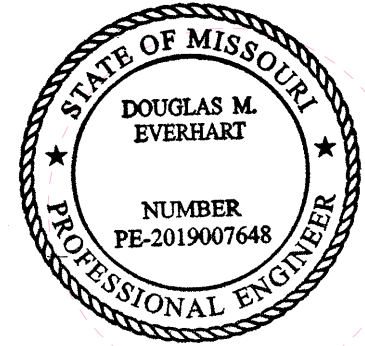
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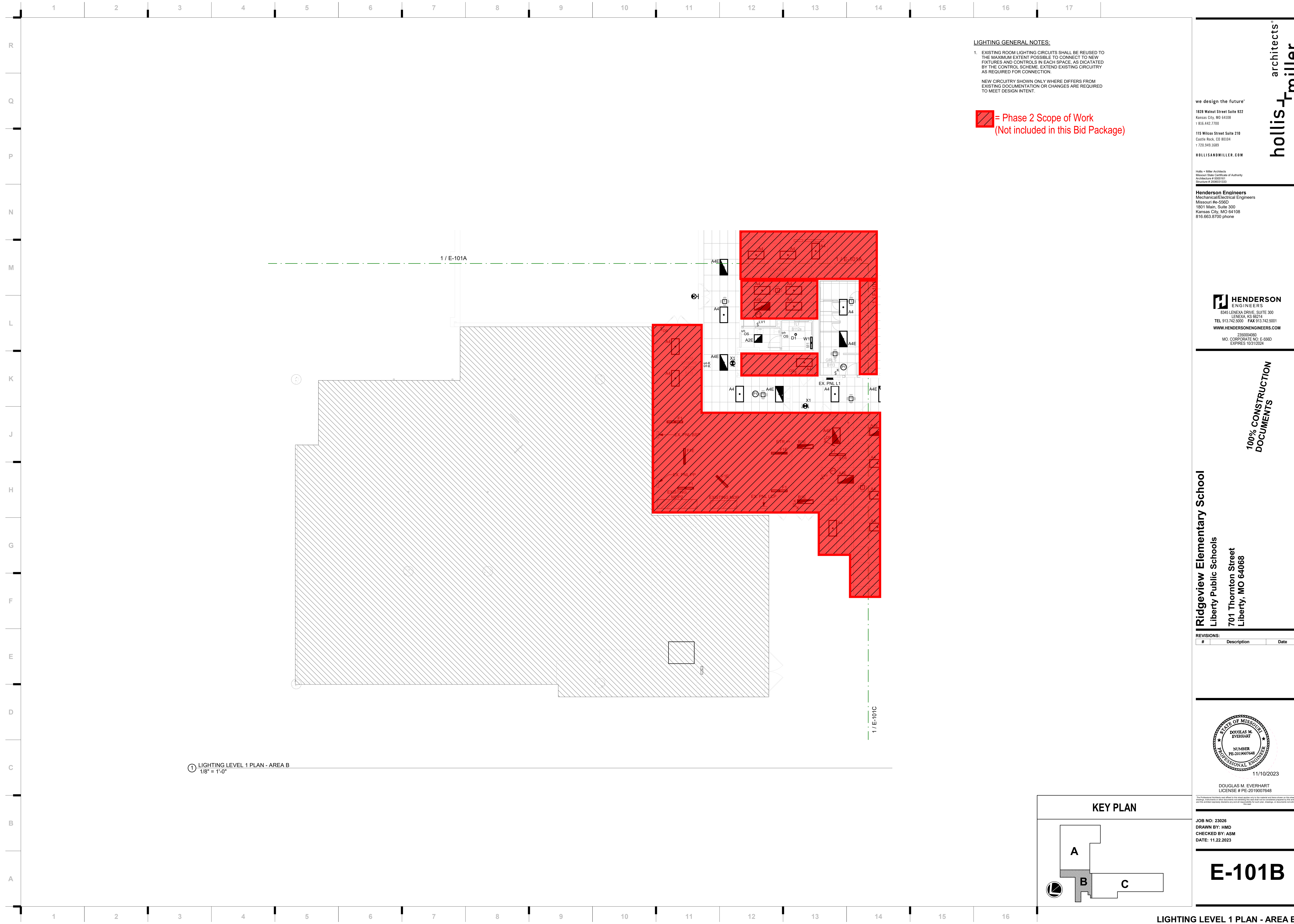
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LIGHTING LEVEL 1 PLAN - AREA A



LIGHTING GENERAL NOTES:

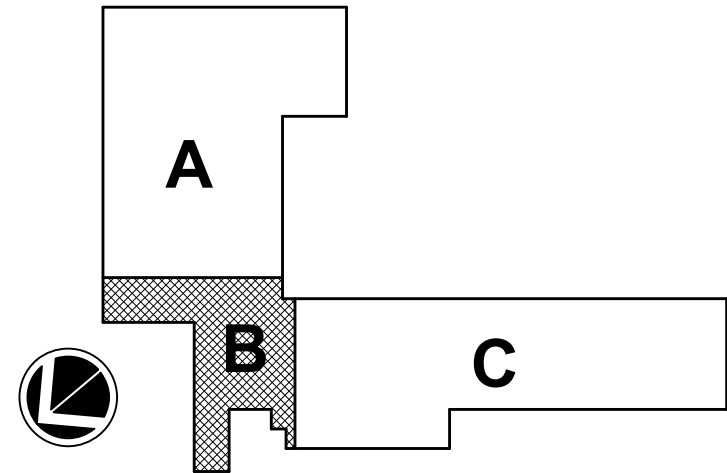
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**[Red Hatched Box] = Phase 2 Scope of Work
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① LIGHTING LEVEL 1 PLAN - AREA B
1/8" = 1'-0"

KEY PLAN



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LIGHTING LEVEL 1 PLAN - AREA B

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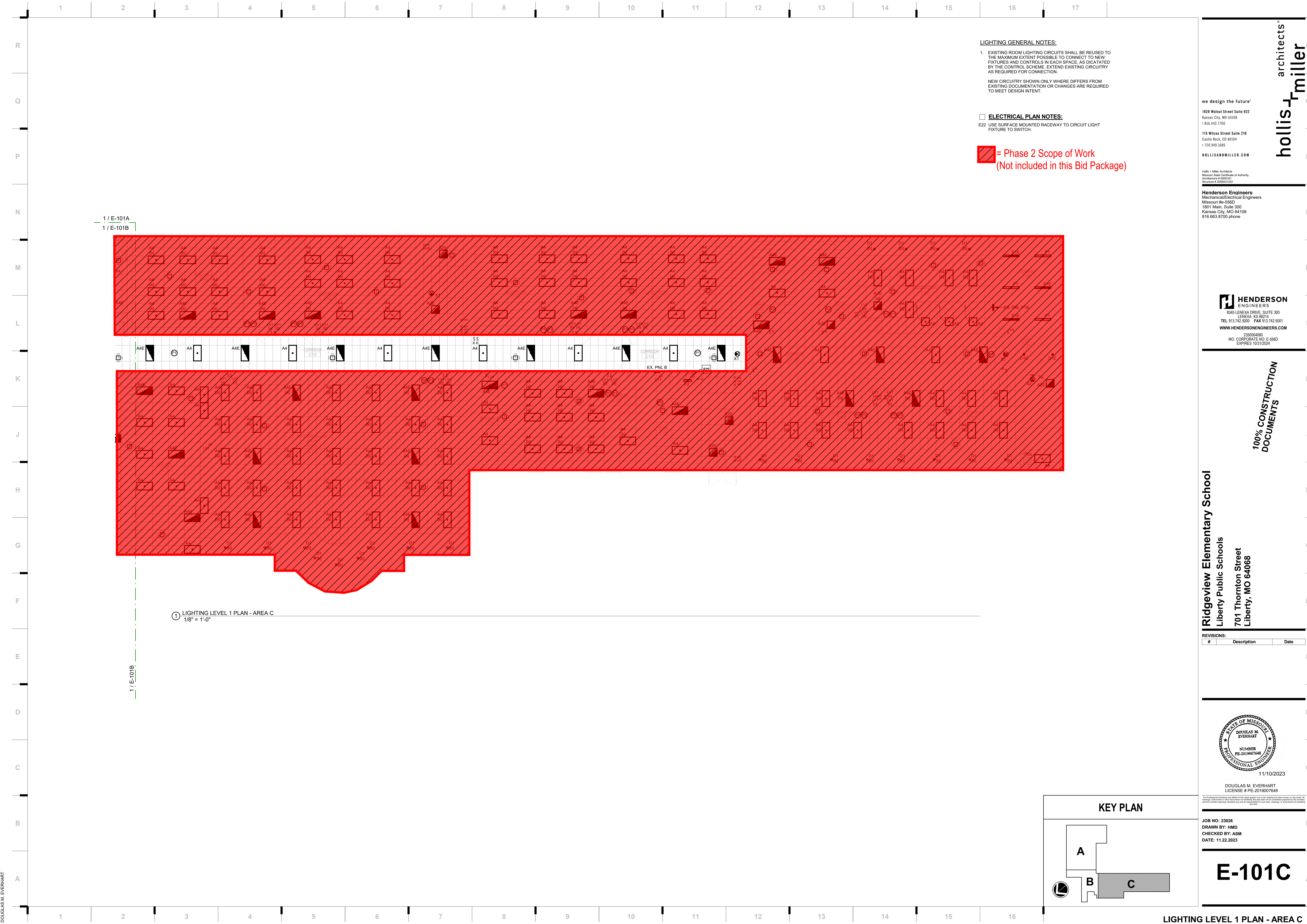
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ELECTRICAL PLAN NOTES:

- E22 USE SURFACE MOUNTED RACEWAY TO CIRCUIT LIGHT FIXTURE TO SWITCH.

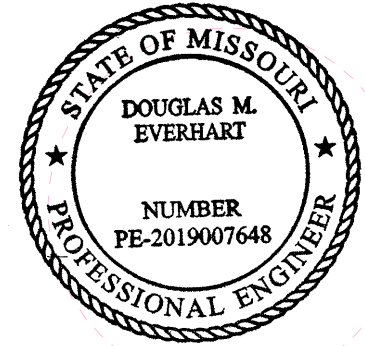
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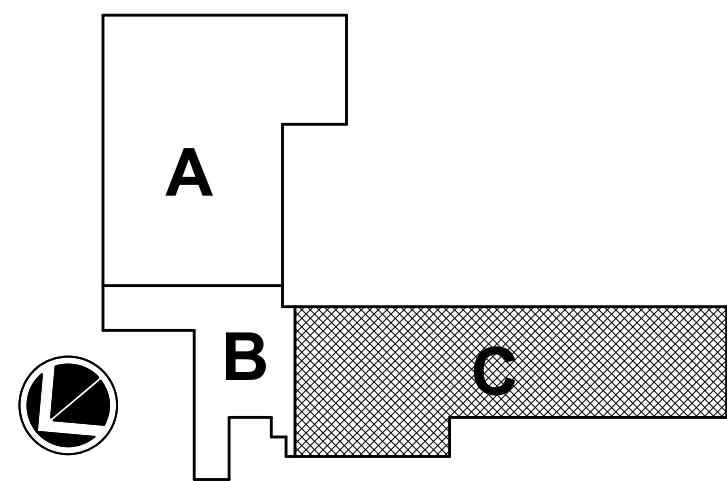


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KEY PLAN



LIGHTING LEVEL 1 PLAN - AREA C

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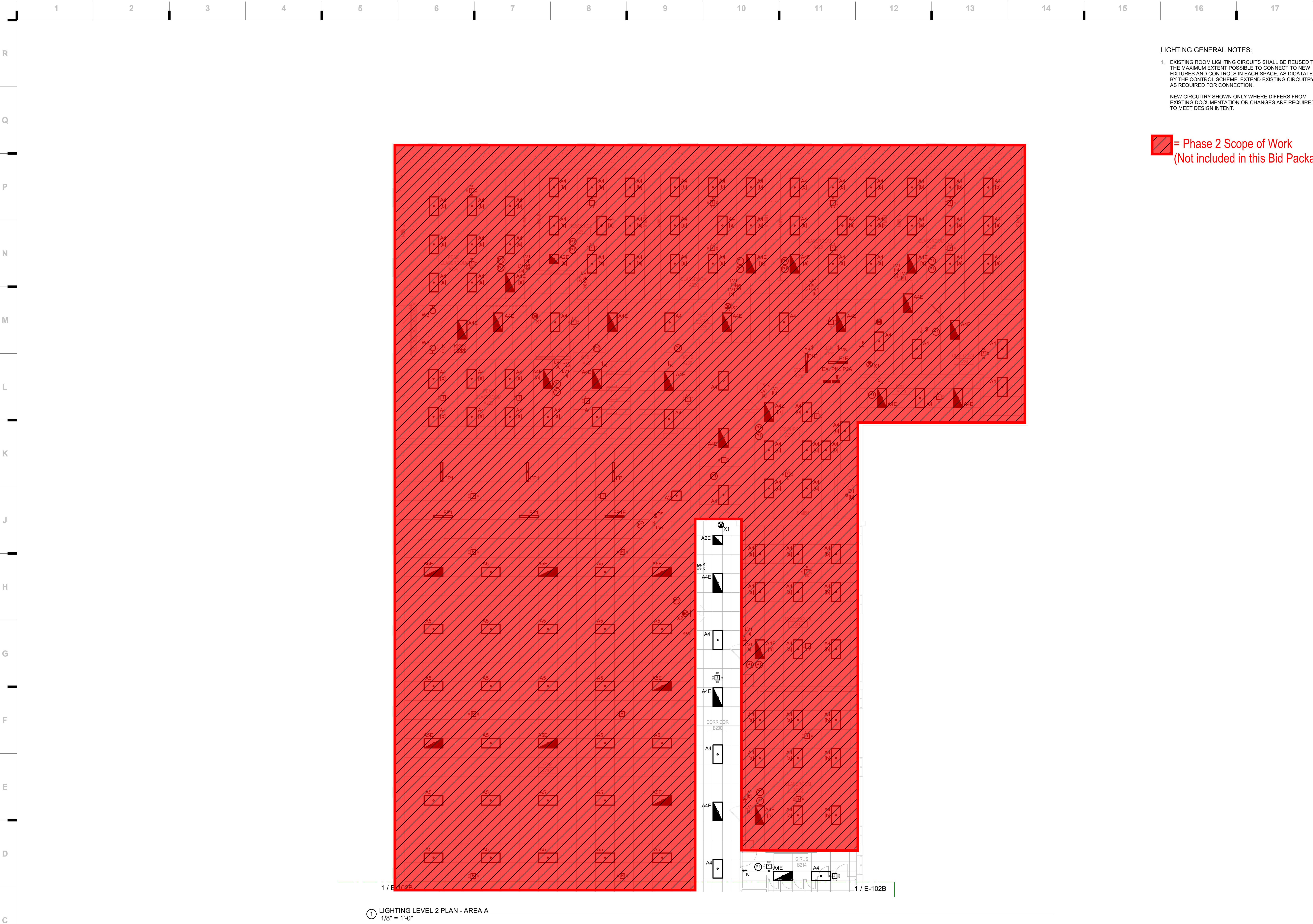
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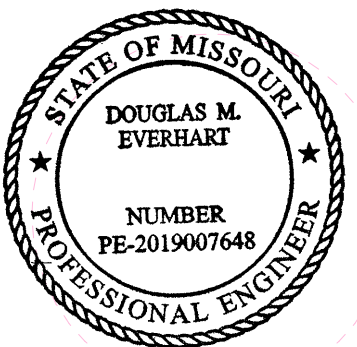
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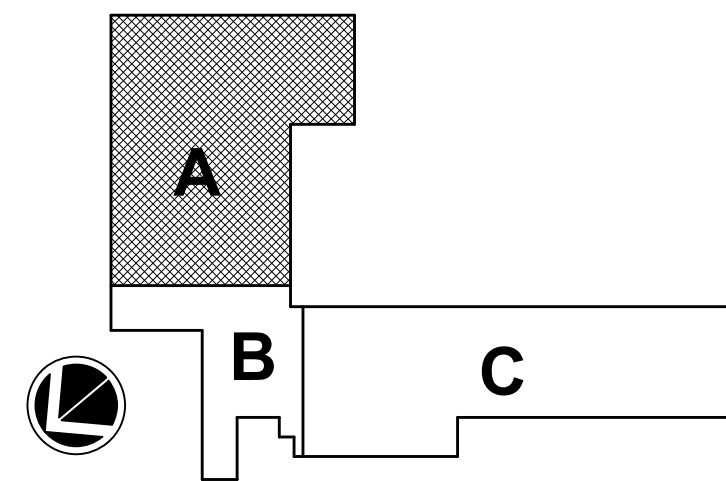


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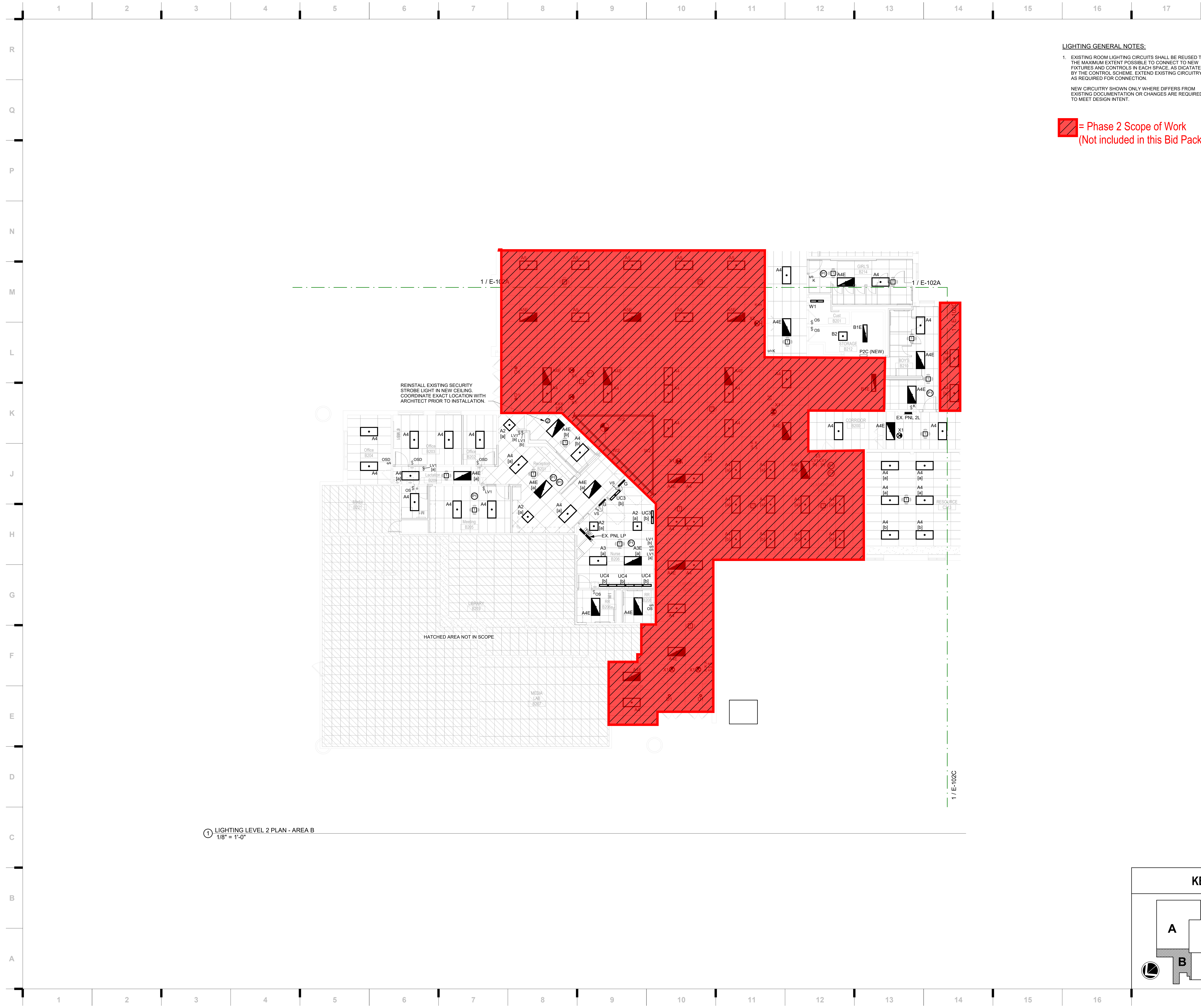
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KEY PLAN



LIGHTING LEVEL 2 PLAN - AREA A

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LIGHTING GENERAL NOTES:

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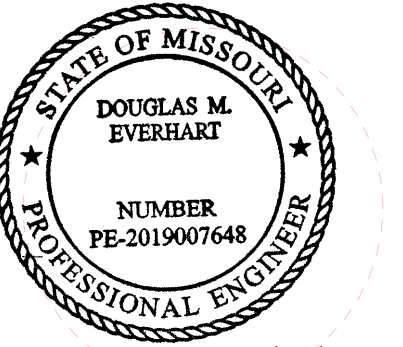
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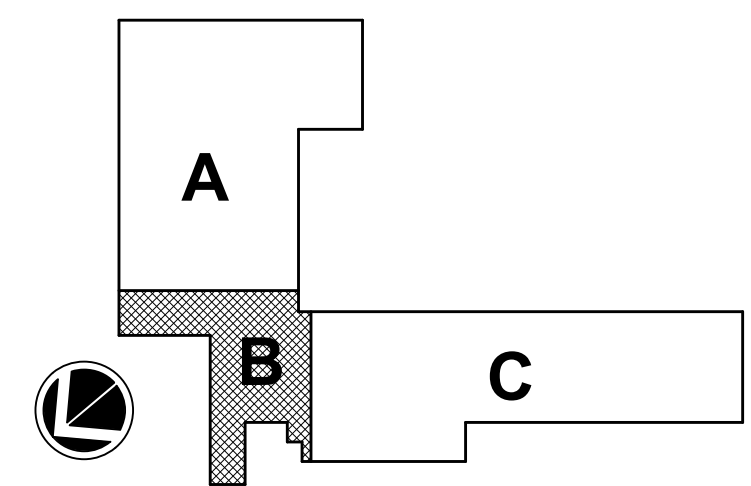
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KEY PLAN



LIGHTING LEVEL 2 PLAN - AREA B

LIGHTING GENERAL NOTES:

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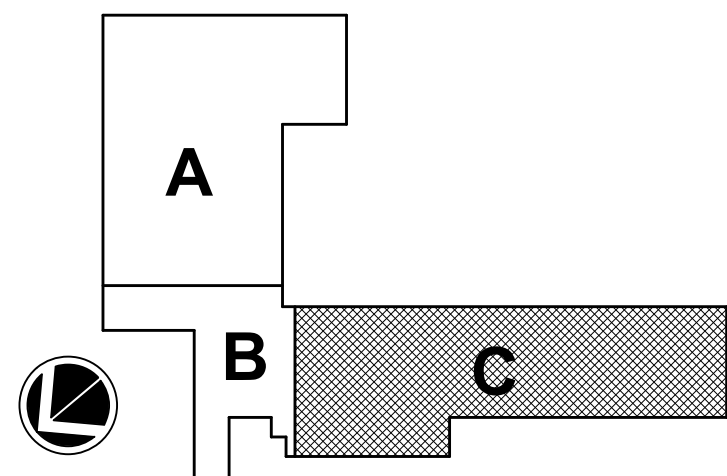
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LIGHTING LEVEL 2 PLAN - AREA C

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