ADDENDUM NO. 2

August 23, 2021

SCHOOL CITY OF HAMMOND -
2021 RENOVATIONS TO MORTON HIGH SCHOOL
AND SCOTT MIDDLE SCHOOL
Hammond, IN 46320

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated July 26, 2021 by Schmidt Associates. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of page ADD 2-1 through ADD 2-3 and Addendum No. 2 from Schmidt Associates dated August 18, 2021 and consisting of 5 pages and 53 Drawings.

A. SPECIFICATION SECTION 00 31 00 – INDIANA BID FORM

1. **Replace:**

   Specification Section 00 31 00 - Indiana Bid Form with the attached revised form.

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

Under 3.03 Bid Categories make the following adjustments:

1. **BID CATEGORY NO. 1 - GENERAL TRADES**

   a. **Add:**

      Specification Section 01 56 80 - Erosion Control
      Specification Section 01 57 60 - Project Signs

b. Revise:

BID CATEGORY NO. 1 - GENERAL TRADES

Clarification No. 17:
Regarding Specification Section 09 68 13 - Tile Carpeting and Section 09 68 16 - Sheet Carpeting: the Owner will FURNISH the Carpet material ONLY. The **Bid Category No. 1 Contractor** is to install this material and provide all other accessories, adhesives, materials, base, etc. required to accomplish a complete system.

c. **Add:**

Clarification No. 19:
The **Bid Category No. 1 Contractor** shall provide plywood covered frames for window openings, overhead door openings, and hinged plywood at door openings to maintain temperatures necessary to perform the work and provide security in the normal phased sequence. Provide protection against adverse weather so that the building and materials will not be damaged, and against unauthorized entry. The **Bid Category No. 3 Contractor** shall remove the temporary plywood for the installation of their work in the normal phased sequence.

2. **BID CATEGORY NO. 3 - GLAZING AND ALUMINUM STOREFRONTS**

a. **Add:**

Clarification No. 6:
The **Bid Category No. 1 Contractor** shall provide plywood covered frames for window openings, overhead door openings, and hinged plywood at door openings to maintain temperatures necessary to perform the work and provide security in the normal phased sequence. Provide protection against adverse weather so that the building and materials will not be damaged, and against unauthorized entry. The **Bid Category No. 3 Contractor** shall remove the temporary plywood for the installation of their work in the normal phased sequence.

3. **BID CATEGORY NO. 5 - HVAC**

a. **Add:**

Clarification No. 13:
Regarding sheet M-420, the **Bid Category No. 5 Contractor** shall provide temporary cooling within the classrooms starting on April 4, 2022 until June 30, 2022.

4. **BID CATEGORY NO. 6 - ELECTRICAL**

a. Add:

Clarification No. 13:
Regarding sheet A-420 Scott Middle School, the **Bid Category No. 6 Contractor** shall provide temporary power and lighting within the temporary classrooms starting on September 15, 2021 until June 30, 2022.

C. **SPECIFICATION SECTION 01 23 00 - BID ALTERNATES**

1. **Replace:**

Specification Section 01 23 00 - Bid Alternates with the attached revised section.

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for SCH)

Morton High School and Scott Middle School Renovations

School City of Hammond and
Hammond Multi-School Building Corporation
Hammond, IN

PART I

(To be completed for all bids. Please type or print)

Date (month, day, year):_____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid_____

Pursuant to notices given, the undersigned offers to furnish labor and/or materials necessary to complete the public works project of:

_____
Insert Category No. (s) and Name(s)

Of public works project, ***Morton High School and Scott Middle School Renovations***, in accordance with Plans and Specifications prepared by ***Schmidt Associates, 415 Massachusetts Ave., Indianapolis, IN 46204***, as follows:

BASE BID

For the sum of _____
(Sum in words)

_____DOLLARS ($_____)
(Sum in figures)

The undersigned acknowledges receipt of the following Addenda:
Receipt of Addenda No. (s) _____

PROPOSAL TIME

Bidder agrees that this Bid shall remain in force for a period of sixty (60) consecutive calendar days from the due date, and Bids may be accepted or rejected during this period. Bids not accepted within said sixty (60) consecutive calendar days shall be deemed rejected.

Attended pre-bid conference YES _____ NO_____

Has visited the jobsite YES _____ NO_____

The Bidder has reviewed the Guideline Schedule in Section 01 32 00 and the intent Of the schedule can be met.

YES _____ NO_____

Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6.

YES _____ NO_____

The Skillman Corporation's diversity initiative is to create a program to encourage, assist and measure the active participation of Minority- Owned, Women-Owned, Veteran – Owned and Disabled Individual-Owned Businesses. The Program is to ensure that MWVDBEs are provided full and equal opportunity to participate in all Skillman Corporation's Projects.

Bidder has included:

DBE:	YES _____%	NO _____
MBE:	YES _____%	NO _____
WBE:	YES _____%	NO _____
VBE:	YES _____%	NO _____

The undersigned further agrees to furnish a bond or certified check with this Bid for an amount specified in the Notice to Bidders. If Alternate Bids apply, submit a proposal for each in accordance with the Plans and Specifications.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit bases, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS
(if applicable)

I, the undersigned bidder, or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ALTERNATE BIDS

A blank entry or an entry of "No Bid", "N/A", or similar entry on any Alternate will cause the bid to be rejected as non-responsive only if that Alternate is selected. If no change in the bid amount is required, indicate "No Change".

****MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE****

Alternate Bid No. 1 – Scott Middle School Auditorium Seating

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 2 – Scott Middle School Acoustical Ceilings

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 3 – Scott Middle School Storefronts

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

PART II

(For projects of $150,000 or more – IC 36-1-12-4)

These statements to be submitted under oath by each bidder with and as a part of his bid. (Attach additional pages for each section as needed.)

SECTION I EXPERIENCE QUESTIONNAIRE

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you?_____If so, where and why?

_____

_____

_____

4. List references from private firms for which you have performed work.

_____

_____

_____

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)

2. Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

3. If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will require a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4. What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.

5. Have you into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which corroborate the process listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of Bidder's financial statement is mandatory. Any Bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the Contract must be specific enough in detail so that said governing body can make a proper determination of the Bidder's capability for completing the Project if awarded.

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

The undersigned Bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this Bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.

SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT

Dated at _____this _____ day of _____, 20

_____
(Name of Organization)

By

_____

_____
(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public, personally appeared the above-named

_____

Swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____,

_____
(Title)

_____
Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.

1.02 PURPOSE

A. The Bids for the Alternates described herein are required in order for the Owner to obtain information necessary for the proper consideration of the Project in its entirety.

1.03 ALTERNATES

A. Definitions: Alternates are defined as alternate products, materials, equipment, installations or systems for the Work, which may, at Owner's option and under terms established by Instructions to Bidders, be selected and recorded in the Owner-Contractor Agreement to either supplement or displace corresponding basic requirements of Contract Documents. Alternates may or may not substantially change scope and general character of the Work; and must not be confused with "allowances", "unit prices", "change orders", "substitutions", and other similar provisions.

1.04 SCHEDULE OF ALTERNATES

A. ALTERNATE NO. 1: State the cost to provide new auditorium seating for Scott Middle School as listed in the Contract Documents.

B. ALTERNATE NO. 2: State the cost to provide new acoustical ceilings for Scott Middle School as listed in the Contract Documents.

C. ALTERNATE NO. 3: State the cost to provide new storefront systems for Scott Middle School as listed in the Contract Documents.

PART 2 - PRODUCTS, PART 3 - EXECUTION (Not Used)

END OF SECTION 01 23 00

ADDENDUM NO. 2
AUGUST 18, 2021

PREPARED BY SCHMIDT ASSOCIATES FOR:
MORTON HS AND SCOTT MS RENOVATIONS
HAMMOND, SCHOOL CITY OF

This Addendum consists of 5 Addendum pages and 53 attachment pages totaling 58 pages.

Acknowledge receipt of this Addendum by inserting its number on the Bid Form. Failure to do so may subject the Bid to disqualification. This Addendum is part of the Contract Documents.

Bidder is encouraged to verify with reprographer of record all Addenda issued (do not rely exclusively on third party plan room services).

PART 1 - CHANGES TO PRIOR ADDENDA (NOT APPLICABLE)

PART 2 - CHANGES TO THE PROJECT MANUAL

Modifications described herein shall be incorporated in the Project Manual. All other Work shall remain unchanged.

2.1 DIVISION 09 – FINISHES

A. **Section 096466 "WOOD ATHLETIC FLOORING"**

1. ADD Subparagraphs 2.1 A.3 & 4 as follows:

"3. Aacer Flooring; Anchored PowerSleeper SE

4. Action Flooring System; Power Channel"

2.2 DIVISION 10 – SPECIALTIES

A. **Section 101100 "VISUAL DISPLAY UNITS"**

1. ADD Subparagraph 2.2.A.1.d. as follows:

"d. K-Pro Specialty Products"

2.3 DIVISION 11 – EQUIPMENT

A. **Section 115313 "LABORATORY FUME HOODS"**

1. Add Subparagraph 2.1, A., 7. as follows:
   "7. Hamilton Laboratory Solutions"

2.4 DIVISION 12 – FURNISHINGS

A. **Section 126100 "FIXED AUDIENCE SEATING"**

1. ADD Subparagraph 2.2.A.1. c. as follows:

   "c. Davis Seating, Convention T35, Black"

2.5 DIVISION 23 - HEATING, VENTILATING, AND AIR-CONDITIONING(HVAC)

A. **Section 230713 "DUCT INSULATION"**

1. DELETE Subparagraph 1.2.B.3 in its entirety,

B. **Section 230900 "DIRECT DIGITAL CONTROL SYSTEMS"**

1. DELETE AND REPLACE Text within 1.7 Table with the following:

   "Manufacturer C – Schneider installed by branch office only"

C. **Section 233113 "METAL DUCTS"**

1. DELETE & REPLACE Paragraph 3.8A with the following: "
   "A. Clean existing duct system(s) associated with RTU H-15 before testing, adjusting and balancing."

PART 3 - CHANGES TO THE DRAWINGS

Modifications described herein shall be incorporated in the Drawings. All other Work shall remain un-changed.

3.1 DRAWING SHEETS: ADDITIONS, DELETIONS AND REPLACEMENTS (MORTON HIGH SCHOOL)

DRAWING NO.	INDICATE ACTION: REPLACE (R), ADD (A), DELETE (D)
A-SERIES DRAWINGS	
MHS - AF1A1	DELETE AND REPLACE
M-SERIES DRAWINGS	
MHS -MH1A1	DELETE AND REPLACE
MHS -MH2A1	DELETE AND REPLACE
MHS -MH1B1	DELETE AND REPLACE

E-SERIES DRAWINGS	
MHS – EL1A1	DELETE AND REPLACE
MHS – EL1B1	DELETE AND REPLACE
MHS – EL1H1	DELETE AND REPLACE
MHS – EL1A2	DELETE AND REPLACE
MHS – EP1A2	DELETE AND REPLACE
MHS – EP1B1	DELETE AND REPLACE
MHS – E-601	DELETE AND REPLACE
MHS – E-602	DELETE AND REPLACE
MHS – E-603	DELETE AND REPLACE

3.2 DRAWING SHEETS: ADDITIONS, DELETIONS AND REPLACEMENTS (SCOTT MIDDLE SCHOOL)

DRAWING NO.	INDICATE ACTION: REPLACE (R), ADD (A), DELETE (D)
G-SERIES DRAWINGS	
SMS - G-001	DELETE AND REPLACE
SMS - G-003	ADD
SMS - G-004	ADD
A-SERIES DRAWINGS	
SMS - AD1D1	DELETE AND REPLACE
SMS - AF1B1	DELETE AND REPLACE
SMS - AF1C1	DELETE AND REPLACE
SMS - AF1E1	DELETE AND REPLACE
SMS - AD1C1	DELETE AND REPLACE
SMS - A-420	ADD
M-SERIES DRAWINGS	
SMS -MH1B1	DELETE AND REPLACE
SMS -MH1C1	DELETE AND REPLACE
SMS -MH1D1	DELETE AND REPLACE
SMS -MR101	DELETE AND REPLACE
SMS -M-420	DELETE AND REPLACE
SMS -M-601	DELETE AND REPLACE
	DELETE AND REPLACE
P-SERIES DRAWINGS	
SMS -P-601	DELETE AND REPLACE
SMS -P-902	DELETE AND REPLACE
SMS -P-903	DELETE AND REPLACE

E-SERIES DRAWINGS

SMS -ES101	ADD
SMS -ED1C1	DELETE AND REPLACE
SMS -EL1A1	DELETE AND REPLACE
SMS -EL1B1	DELETE AND REPLACE
SMS -EL1C1	DELETE AND REPLACE
SMS -EL1D1	DELETE AND REPLACE
SMS -EP101	DELETE AND REPLACE
SMS -EP1A1	DELETE AND REPLACE
SMS -EP1B1	DELETE AND REPLACE
SMS -EP1D1	DELETE AND REPLACE
SMS -ER1C1	DELETE AND REPLACE
SMS -ER1D1	DELETE AND REPLACE
SMS -E-420	ADD
SMS -E-501	DELETE AND REPLACE
SMS -E-601	DELETE AND REPLACE
SMS -E-602	DELETE AND REPLACE
SMS -E-603	DELETE AND REPLACE
SMS -E-604	DELETE AND REPLACE

T-SERIES DRAWINGS

SMS -TF1C1	DELETE AND REPLACE
SMS - T-420	ADD

3.3 P-SERIES DRAWINGS

A. **Drawing Number PD1B1 (SCOTT MS)**

1. MODIFY Note #5 as follows:

   "REMOVE EXISTING WATER METER AND PIPING BACK TO MAIN SHUTOFF VALVE. PROVIDE NEW PIPING AND INSTALL NEW WATER METER WITH BACKFLOW PREVENTER."

3.4 E-SERIES DRAWINGS

A. **Drawing Number ED1A1 (MORTON HS)**

1. MODIFY note at panel J as follows:
   "REMOVE 20-CIRCUIT PANELBOARD. PRESERVE FEEDER FOR REUSE IN NEW WORK. TAG CIRCUITS, PROTECT BRANCH CIRCUIT WIRING, RECONNECT BRANCH CIRCUITS TO NEW PANEL. CUT CMU WALL TO RECEIVE NEW 30-CIRCUIT PANELBOARD."

B. **Drawing Number EP1C1 (SCOTT MS)**

1. MODIFY Drawing EP1C1 as follows:
   On south wall of office 52A adjacent to FAAP, add quadraplex receptacle at 48" A.F.F. to CL to serve new intercom rack equipment. Coordinate with T-Series drawings.

END OF ADDENDUM 2

AVAILABLE PROJECT INFORMATION

The following Bidders' questions are being made available to Bidders for informational purposes only and is not a part of the Addendum.

Morton High School and Scott Middle School Renovations and Addition Project

Bidder's Questions – Addendum #2

1. can you clarify if the ductwork gets liner or wrap? Calls out both in the spec Response: Externally Wrapped
2. Scott MS: I can't find the depth of the existing pool to determine how much granular fill is required. Response: See Addendum #2. The existing drawings of the swimming pool has been provide for reference only.
3. Scott MS: Demo dwgs, Note 29 state to remove pool equipment but everything is covered and can't determine how much pool equipment is below wood sub floor. Can we get more information? Response: See Addendum #2, Drawing Sheet AD1D1.
4. Scott MS: Demo dwgs, Note 28 state to remove wood subfloor and sleepers. Can you give a narrative on how they framed over the pool to support the plywood sheathing? Response: See Addendum #2, Drawing Sheet AD1D1.
5. Scott MS: What is the height of the roof deck in unit D in Scott Middle School? Please clarify if there is more than one deck elevation. Response: According to the existing Structural Roof Framing Plans, the majority of the top of steel for unit D is between 118'-0" to 117'-7". The Gymnasium is 129'-8".
6. Scott MS: What is the height of the roof deck in unit A, B, C in Scott Middle School? Please clarify if there is more than one deck elevation. Response: According to the existing Structural Roof Framing Plans, the top of steel is between 112'-7" and 113'-0".
7. Scott MS: Please clarify the scope of work for the electrostatic painting of the lockers. There is a section in the specs for electrostatic painting, but no description of what is painted. Response: See Plan Note #9 on the AF-Series Drawings for Scott Middle School. All of the existing metal lockers (inside and outside) are to be electrostatic painted.
8. Morton HS: Filling 112A shows a door frame to be removed (AD1A1), later to be infilled (AF1A1), but shows no Plan Note. What is this to be infilled with? Response: See Addendum #2, AF1A1.
9. Morton HS: AD1A1 shows a section of wall to be removed near door112A, for what looks to be a new door, but AF1A1 shows nothing in that area. Please clarify. Response: See Addendum #2, AF1A1.
10. Scott MS: Plumbing 41 (AD1B1, Note 17) shows door removed and (AF1B1) shows that opening to be infilled. Do you happen to know the makeup of the surrounding walls, and the size of the existing door? Response: According to the existing drawings, the existing surrounding walls are 6" glazed block/tile and the door is a 30" wide door. Bidders can visit the site to verify existing conditions. Coordinate visit with CM.
11. Scott MS: Corridor 92 (AF1D1) show miscellaneous infills to match in areas around perimeter where existing doors/wood window wall (AD1D1, Notes 4 & 16) were removed. Do you know makeup of these walls and sizes? Response: Contractor is responsible to verify the existing construction in the field. Bidders can visit the site to verify. Coordinate visit with CM.
12. Scott MS: Unit D has infill in areas with structural glazed tile per note 2 sheet AF1D1. Is SGT required for the infill? Response: Yes, contractor are to match the adjacent construction as stated on the Plan Note.

13. Who is the current Temperature Control Contractor that the school uses? Response: Precision.
14. Spec. Section 233113 -3.8 calls for cleaning current and existing duct. Existing Duct is not shown completely. How are we to price this? Response: Only duct system to be cleaned shall be duct system connected to RTU unit H-15. See revised spec in addendum #2.
15. Scott MS: Sheet EL1D1 shows EM fixtures fed from lighting inverter MI-D1, however, MI-D1's location isn't shown nor is it listed on the Central Battery Equipment schedule on Sheet E-602. Please advise. Response: See Addendum #2.
16. Scott MS: Sheet ER1C1 – it is assumed that RTU H-15 is to receive a new 480V circuit from the existing MSB, is this correct? Additionally, I feel this sheet indicates there is an existing, spare, 3P-100A breaker for this feed in the MSB, is this correct? This was discussed during the walkthrough, but I'd like clarification. Response: See Addendum #2.
17. Scott MS: Sheet ER1D1 – It is assumed that RTU H-18 is to receive a new 480V circuit from the existing MSB, is this correct? This was discussed during the walkthrough, but I'd like clarification. Response: See Addendum #2.
18. Scott MS: A couple of the Roof Plan Power drawings call out a receptacle circuit for roof top air handling units. However, these circuits are labeled 'unnamed'. Please advise. Response: See Addendum #2.

School City of Hammond
Scott Middle School - Renovations

2020-154.SMS

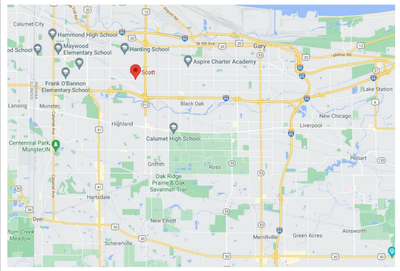
3635 173rd Street
Hammond, IN 46323

School City of Hammond

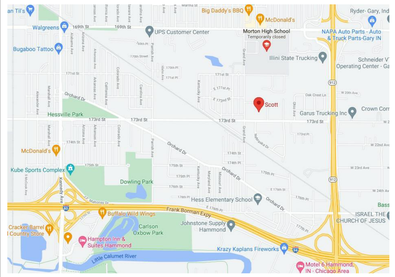
07.26.2021

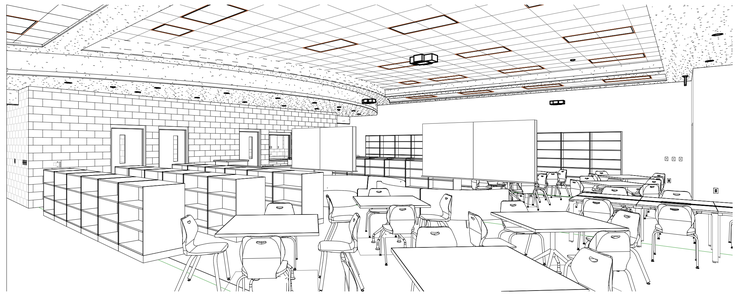
2020-154.SMS

Vicinity Map



Thoroughfare Map





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AC1C1	FIRST FLOOR REFLECTED CEILING PLAN - UNIT C
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MH1B1	FIRST FLOOR HVAC PLAN - UNIT B
MH1C1	FIRST FLOOR HVAC PLAN - UNIT C
MH1D1	FIRST FLOOR HVAC PLAN - UNIT D
MR101	ROOF HVAC PLAN - UNIT A
MR102	ROOF HVAC PLAN - UNIT C
MR103	ROOF HVAC PLAN - UNIT D
M-420	HVAC TEMPORARY CLASSROOM WORK - UNIT D
M-501	MECHANICAL DETAILS
M-601	MECHANICAL SCHEDULES
M-701	TEMPERATURE CONTROLS SCHEMATICS
M-702	TEMPERATURE CONTROLS SCHEMATICS
8 - Plumbing	
P-001	PLUMBING SYMBOLS AND ABBREVIATIONS
PD1B1	DEMOLITION FIRST FLOOR PLUMBING PLAN - UNIT B
PD1C1	DEMOLITION FIRST FLOOR PLUMBING PLAN - UNIT C
PD1D1	DEMOLITION FIRST FLOOR PLUMBING PLAN - UNIT D
PF1A1	FOUNDATION PLUMBING PLAN - UNIT A
PF1B1	FOUNDATION PLUMBING PLAN - UNIT B
PP1A1	FIRST FLOOR PLUMBING PLAN - UNIT A
PP1B1	FIRST FLOOR PLUMBING PLAN - UNIT B
PP1C1	FIRST FLOOR PLUMBING PLAN - UNIT C
PP1D1	FIRST FLOOR PLUMBING PLAN - UNIT D
P-601	PLUMBING DETAILS AND SCHEDULES
P-901	DOMESTIC WATER ISOMETRIC - UNIT A
P-902	WASTE AND VENT ISOMETRIC - UNIT A
P-903	PLUMBING ISOMETRICS - UNIT B
P-904	PLUMBING ISOMETRICS - UNITS C AND D
9 - Electrical	
E-001	SYMBOLS & ABBREVIATIONS
ES101	SITE PLAN
ED1A1	FIRST FLOOR DEMOLITION PLAN - UNIT A
ED1B1	FIRST FLOOR DEMOLITION PLAN - UNIT B
ED1C1	FIRST FLOOR DEMOLITION PLAN - UNIT C
ED1D1	FIRST FLOOR DEMOLITION PLAN - UNIT D
EL1A1	FIRST FLOOR LIGHTING PLAN - UNIT A
EL1B1	FIRST FLOOR LIGHTING PLAN - UNIT B
EL1C1	FIRST FLOOR LIGHTING PLAN - UNIT C
EL1D1	FIRST FLOOR LIGHTING PLAN - UNIT D
EL1E1	FIRST FLOOR LIGHTING PLAN - UNIT E
EP101	OVERALL FIRST FLOOR POWER PLAN
EP1A1	FIRST FLOOR POWER PLAN - UNIT A
EP1B1	FIRST FLOOR POWER PLAN - UNIT B
EP1C1	FIRST FLOOR POWER PLAN - UNIT C
EP1D1	FIRST FLOOR POWER PLAN - UNIT D
EP1E1	FIRST FLOOR POWER PLAN - UNIT E
ER1A1	ROOF PLAN - UNIT A
ER1B1	ROOF PLAN - UNIT B
ER1C1	ROOF PLAN - UNIT C
ER1D1	ROOF PLAN - UNIT D
ER1E1	ROOF PLAN - UNIT E
E-420	PARTIAL FIRST FLOOR UNIT D PLANS
E-501	DETAILS
E-601	SCHEMATICS
E-602	LIGHTING SCHEDULES
E-603	EQUIPMENT SCHEDULES
E-604	PANELBOARD SCHEDULES
10 - Telecommunications	
T-001	TELECOMMUNICATIONS SYMBOLS AND ABBREVIATIONS
T-420	TEMPORARY CLASSROOMS TELECOMMUNICATIONS PLAN - UNIT D
TF1A1	FIRST FLOOR TELECOMMUNICATIONS PLAN - UNIT A
TF1B1	FIRST FLOOR TELECOMMUNICATIONS PLAN - UNIT B
TF1C1	FIRST FLOOR TELECOMMUNICATIONS PLAN - UNIT C
TF1D1	FIRST FLOOR TELECOMMUNICATIONS PLAN - UNIT D
TF1E1	FIRST FLOOR TELECOMMUNICATIONS PLAN - UNIT E
T-501	TELECOMMUNICATIONS DETAILS
T-502	TELECOMMUNICATIONS DETAILS

General Notes

Nothing set forth in these Drawings shall release any Contractor from responsibility to provide appropriate quantities, field measurements, dimensional stability, installation, anchorage and coordination with other trades, or waive the Contractor's responsibility to identify and resolve deviations from the requirements of the Contract Documents, or waive the Contractor's responsibility to alert the Architect to errors or omissions contained therein.
Each Contractor shall verify in the field all existing applicable conditions and dimensions shown on the Drawings and as pertinent to the intent of these Drawings. Any discrepancy discovered shall be brought to the attention of the Architect prior to the commencement of any Work affected by, or related to, such discrepancy.
Each Contractor shall be responsible for all costs associated with, or caused by failure to comply with requirement.
Each Contractor shall review in advance all portions of the Work to verify that the Work will not prohibit completion of the Project as intended in these Contract Documents. Any questions shall be promptly referred to the Architect for resolution.

Each Contractor shall refer to the Project Manual for cleaning and disposal requirements.
Each Contractor shall be responsible for the protection of all surfaces and finishes at interior and exterior of building. Damaged surfaces and finishes resulting from the performance of the Work shall be repaired at no cost to the Owner by the responsible Contractor to match existing to the satisfaction of the Owner.
Each Contractor shall coordinate respective cutting and patching Work with the other Prime Contracts.
Each Contractor shall become completely familiar with all aspects of the Work, even those areas designated to be provided by others. This familiarization includes full and complete understanding of the Work described on all Sheets of the Drawings and in all Sections of the Project Manual. Failure by the Contractor to become completely familiar and cognizant of all aspects of the Work shall not relieve the Contractor of the responsibility to provide materials, assemblies, or services indicated in the Contract Documents.

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ROBERT M. DEE REGISTERED No. 10100205 STATE OF INDIANA PROFESSIONAL ENGINEER

WYLIE MILLER REGISTERED NO. 19900465 STATE OF INDIANA PROFESSIONAL ENGINEER

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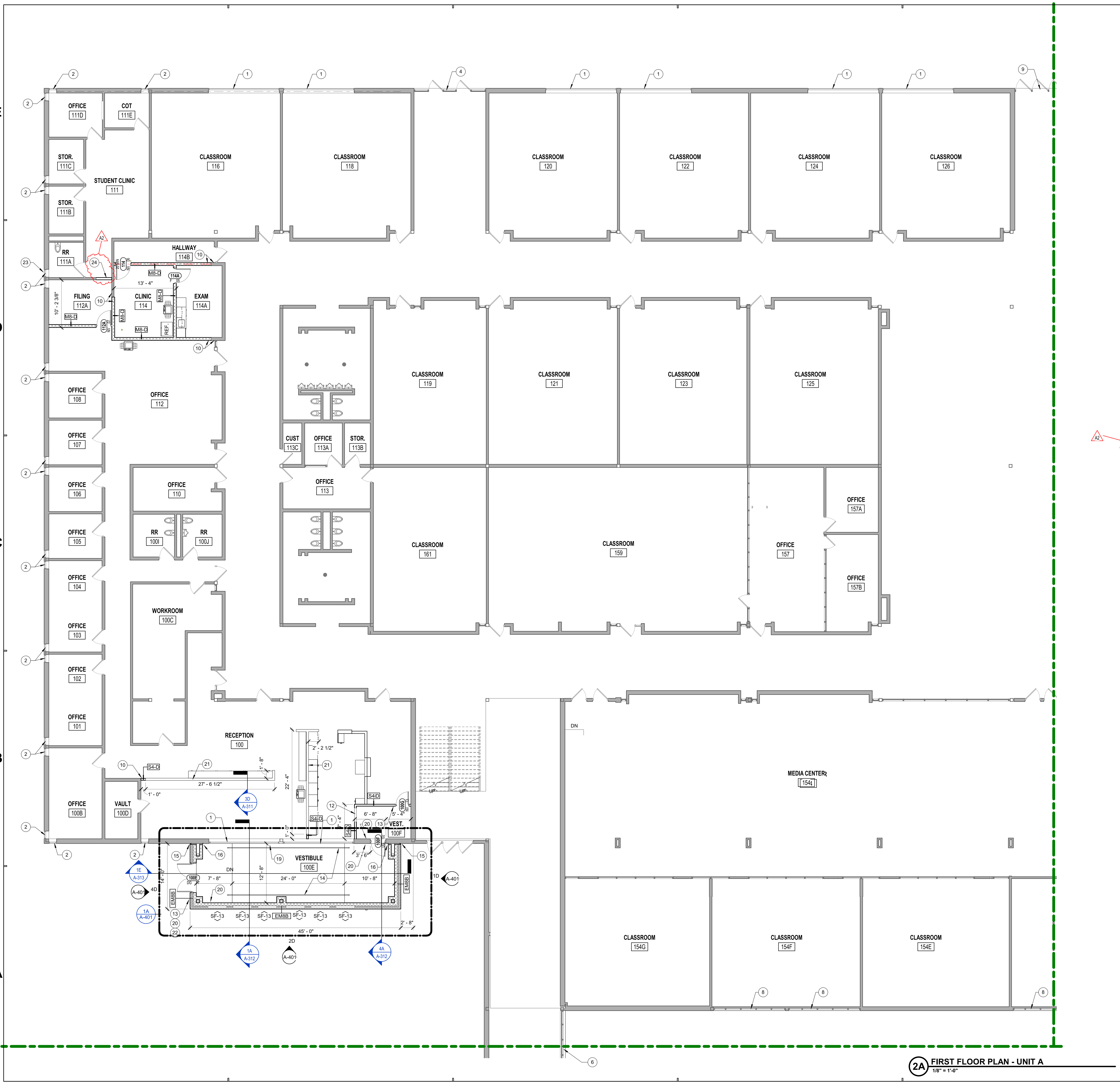
Lynch, Harrison & Brumleve, Inc.

SKILLMAN

School City of Hammond
Scott Middle School - Renovations

G-001



FLOOR PLAN NOTES

#	Note
1	EXISTING STEEL TEE FRAME CURTAIN WALL 'XCW-01'. SEE EXISTING WINDOW FRAME ELEVATIONS 1A/A-600. PROVIDE ALUMINUM STOREFRONT WINDOW 'SF-01', SEE STOREFRONT WINDOW FRAME ELEVATIONS 1B/A-600. REFERENCE SPEC SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS AND 088000 – GLAZING.
2	EXISTING STEEL TEE FRAME CURTAIN WALL 'XCW-02'. SEE EXISTING WINDOW FRAME ELEVATIONS 1A/A-600. PROVIDE ALUMINUM STOREFRONT WINDOW 'SF-02', SEE STOREFRONT WINDOW FRAME ELEVATIONS 1B/A-600. REFERENCE SPEC SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS AND 088000 – GLAZING.
3	EXISTING STEEL TEE FRAME CURTAIN WALL 'XCW-03'. SEE EXISTING WINDOW FRAME ELEVATIONS 1A/A-600. PROVIDE ALUMINUM STOREFRONT WINDOW 'SF-03', SEE STOREFRONT WINDOW FRAME ELEVATIONS 1B/A-600. REFERENCE SPEC SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS AND 088000 – GLAZING.
4	EXISTING STEEL TUBE FRAME CURTAIN WALL 'XCW-04'. SEE EXISTING WINDOW FRAME ELEVATIONS 1A/A-600. PROVIDE ALUMINUM STOREFRONT WINDOW, 'SF-04', 'SF-05', 'SF-06' AND 'SF-07'. SEE STOREFRONT WINDOW FRAME ELEVATIONS 1B/A-600. REFERENCE SPEC SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS AND 088000 – GLAZING.
5	EXISTING STEEL TUBE FRAME CURTAIN WALL 'XCW-05'. SEE EXISTING WINDOW FRAME ELEVATIONS 1A/A-600. PROVIDE ALUMINUM STOREFRONT WINDOW, 'SF-09' AND 'SF-10'. SEE STOREFRONT WINDOW FRAME ELEVATIONS 1B/A-600. REFERENCE SPEC SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS AND 088000 – GLAZING.
6	EXISTING STEEL TUBE FRAME CURTAIN WALL 'XCW-06'. SEE EXISTING WINDOW FRAME ELEVATIONS 1A/A-600. PROVIDE ALUMINUM STOREFRONT WINDOW, 'SF-11' AND 'SF-12'. SEE STOREFRONT WINDOW FRAME ELEVATIONS 1B/A-600. REFERENCE SPEC SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS AND 088000 – GLAZING.
7	EXISTING STEEL TUBE FRAME CURTAIN WALL 'XCW-07'. SEE EXISTING WINDOW FRAME ELEVATIONS 1A/A-600. PROVIDE ALUMINUM STOREFRONT WINDOW, 'SF-11' AND 'SF-12'. SEE STOREFRONT WINDOW FRAME ELEVATIONS 1B/A-600. REFERENCE SPEC SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS AND 088000 – GLAZING.
8	EXISTING STEEL TUBE FRAME CURTAIN WALL 'XCW-08'. SEE EXISTING WINDOW FRAME ELEVATIONS 1A/A-600. PROVIDE ALUMINUM STOREFRONT WINDOW, 'SF-14' AND 'SF-15'. SEE STOREFRONT WINDOW FRAME ELEVATIONS 1B/A-600. REFERENCE SPEC SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS AND 088000 – GLAZING.
9	EXISTING STEEL TUBE FRAME CURTAIN WALL 'XCW-09'. SEE EXISTING WINDOW FRAME ELEVATIONS 1A/A-600. PROVIDE ALUMINUM STOREFRONT WINDOW 'SF-16'. SEE STOREFRONT WINDOW FRAME ELEVATIONS 1B/A-600. REFERENCE SPEC SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS AND 088000 – GLAZING.
10	ALIGN FACE OF NEW WALL WITH FACE OF EXISTING WALL FACE.
11	NEW FLOOR SLAB. SEE S-SERIES DWGS.
12	085653 – SECURITY TRANSACTION WINDOW, T1. REFERENCE WINDOW ELEVATION ON SHEET A-600.
13	ACCESS CONTROL CARD READER. REFERENCE T-SERIES DWGS.
14	055213 – METAL PIPE HANDRAIL. SEE RAILING ELEVTION 1D/A-313.
15	079500 – EXTERIOR EXPANSION CONTROL JOINT SYSTEM, 2 INCH.
16	079500 – INTERIOR WALL-TO-WALL CORNER EXPANSION JOINT COVER SYSTEM.
17	096466 – WOOD ATHLETIC FLOORING SYSTEM. REFERENCE I-SERIES DWGS FOR COURT STRIPING LOCATION AND COLORS.
18	EXISTING TELESCOPING BLEACHER SYSTEM. REINSTALL BLEACHERS TO THEIR ORIGINAL LOCATION PER BLEACHER MANUFACTURER'S MOUNTING RECOMMENDATIONS.
19	CLEAN EXISTING EXPOSED WALL AND LIMESTONE PANEL.
20	ADA OPERATOR, SEE T-SERIES DWGS
21	METAL STUD AND GWB HALF WALL. SEE WALL SECTION 3D/A-311.
22	AIPHONE. SEE T-SERIES DWGS.
23	088000 - PROVIDE PRIVACY/FROSTED GLASS IN RESTROOM WINDOWS. TYPICAL
24	INFILL OPENING WITH WALL CONSTRUCTION TO MATCH SURROUNDING/ADJACENT WALL CONSTRUCTION. VERIFY EXISTING WALL CONDITIONS/CONSTRUCTION AND DIMENSIONS IN THE FIELD. ALIGN THE FACE OF THE NEW INFILL WALL WITH THE ADJACENT EXISTING WALL FACE.

A2

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Project No. 2020-153.MHS
Project Date 07.26.2021
Produced TYN

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

#	Revision	Date
A2	Addendum #2	8/18/2021

6915 Grand Avenue
Hammond, IN 46323

KEY PLAN

UNIT A, UNIT B, UNIT C, UNIT D, UNIT E, UNIT F, UNIT G, UNIT H

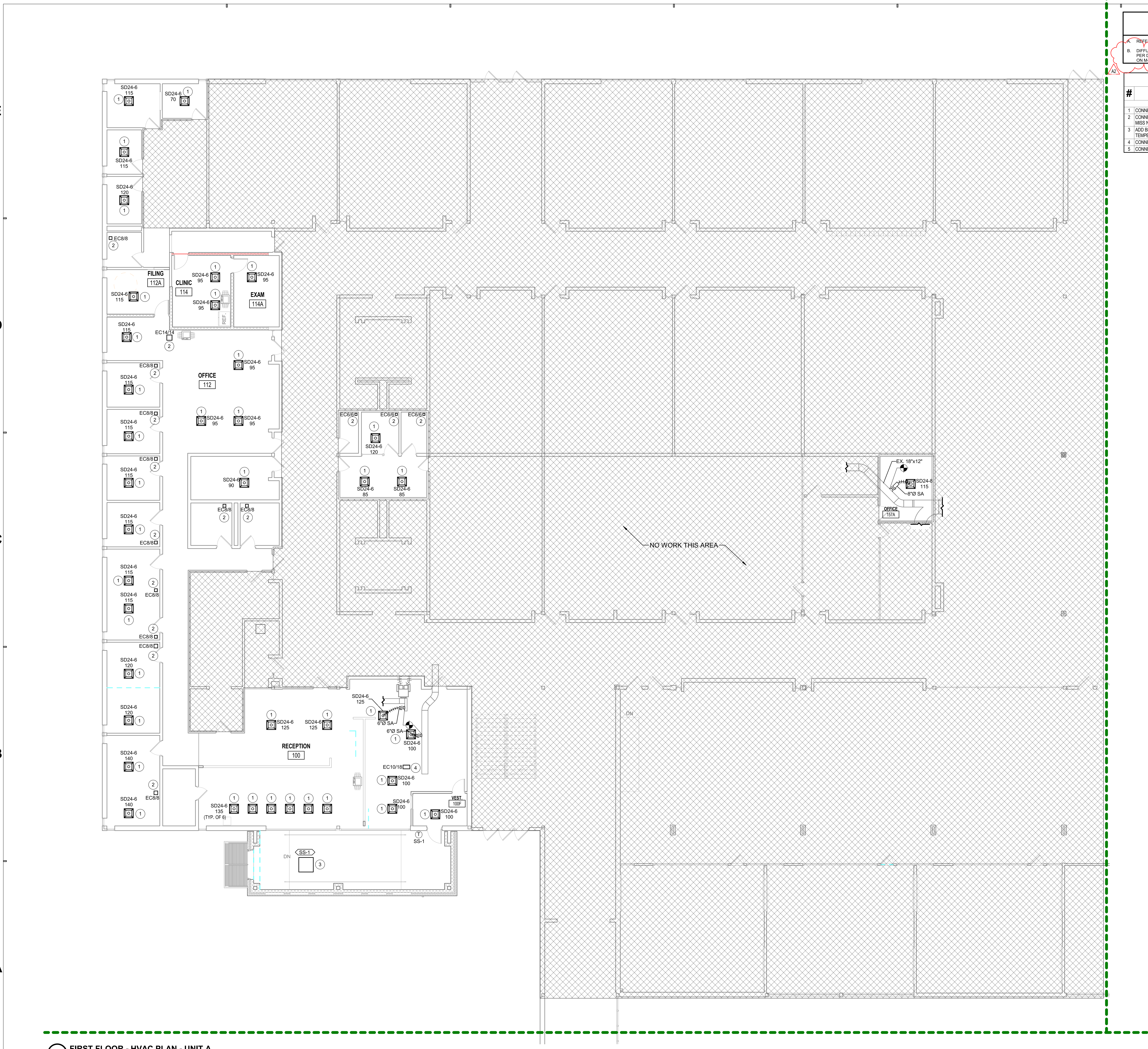
School City of Hammond

School City of Hammond

Morton High School - Renovations and Addition

FIRST FLOOR PLAN - UNIT A

AF1A1



1 FIRST FLOOR - HVAC PLAN - UNIT A
1/8" = 1'-0"

GENERAL HVAC NOTES

A. REFER TO M-002 (UNIT A) AND M-003 (UNIT B) FOR EXISTING CONDITIONS.

B. DIFFUSER COUNT TO BE DETERMINED BY NUMBER OF TAPS SERVING EACH ROOM, ONE TAP PER DIFFUSER. CURRENT DIFFUSER COUNT IS BASED ON EXISTING DRAWINGS REFERENCED ON M-002 AND M-003, FIELD VERIFY TO ESTABLISH CORRECT COUNT.

A2

MECHANICAL HVAC PLAN NOTES

#	NOTE
1	CONNECT SUPPLY GRILLE TO EXISTING 5" FLEX DUCTWORK.
2	CONNECT RETURN GRILLE TO EXISTING DUCTWORK. EXTEND EXISTING DUCTWORK AS NEEDED TO MISS NEW CONSTRUCTION.
3	ADD BMS SPACE TEMPERATURE MONITORING, ALARM TO BE ENERGIZED IF THE SPACE TEMPERATURE FALLS BELOW 45°F OR RISES ABOVE 85°F.
4	CONNECT RETURN GRILLE TO EXISTING DUCTWORK.
5	CONNECT EXHAUST GRILLE TO EXISTING DUCTWORK.

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Project No. 2020-15.MHS
Project Date 07.26.2021
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#	Revision	Date
A2	ADDENDUM #2	8/18/2021

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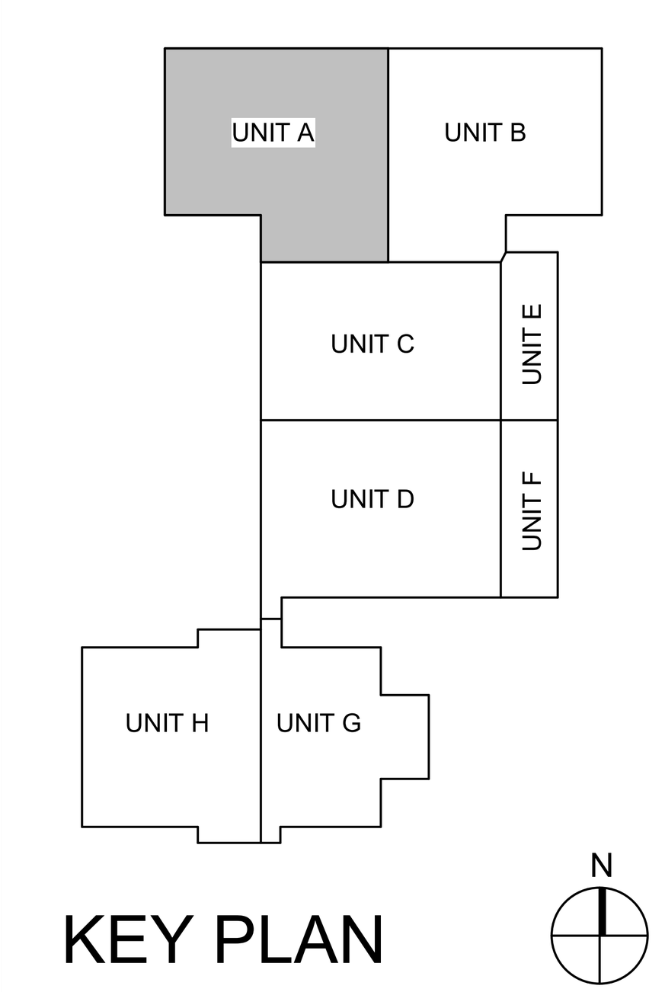


KEY PLAN

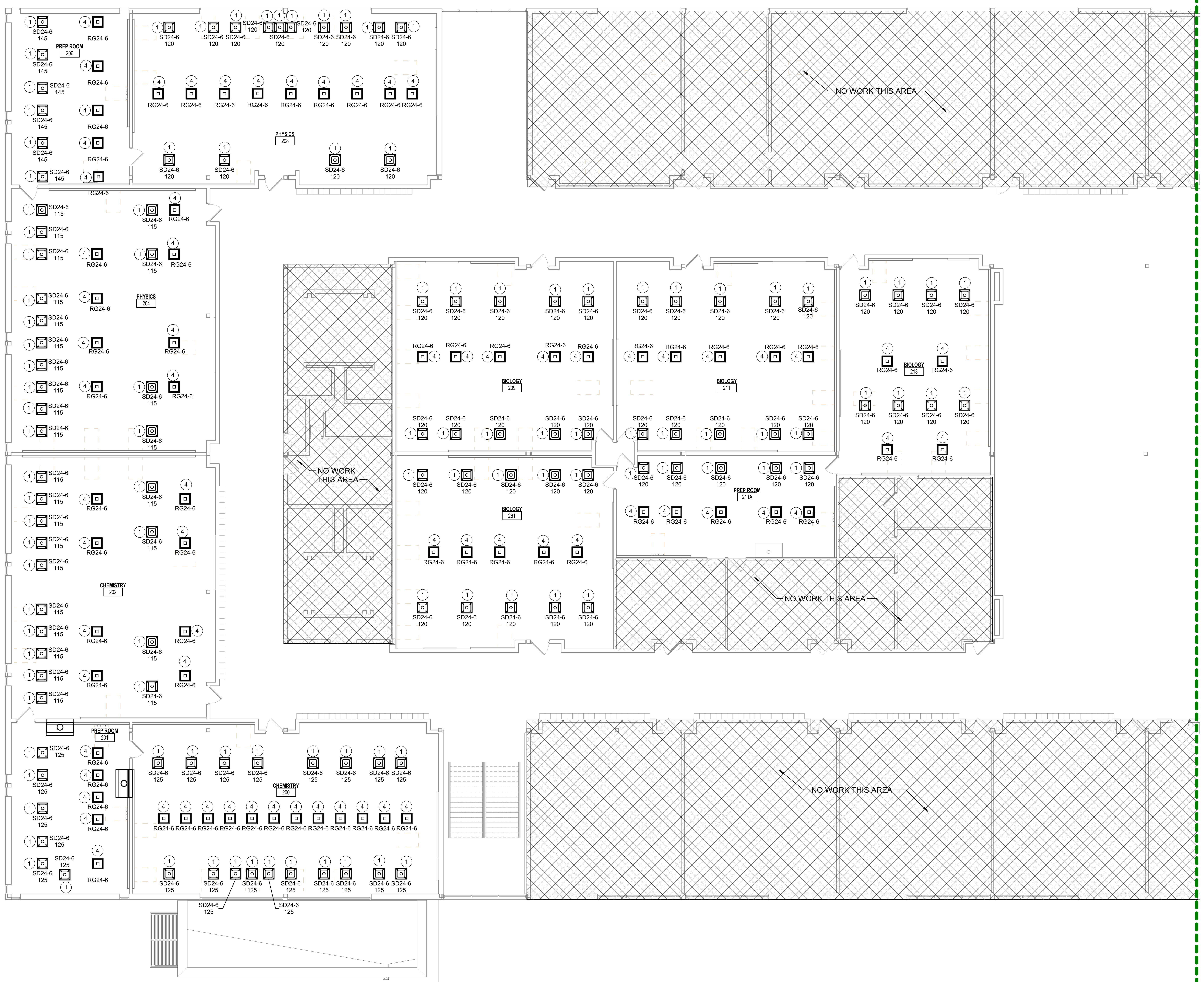
School City of Hammond

School City of Hammond

Morton High School - Renovations an Addition

FIRST FLOOR HVAC PLAN - UNIT A

MH1A1



1 SECOND FLOOR - HVAC PLAN - UNIT A
1/8" = 1'-0"

GENERAL HVAC NOTES

A. REFER TO M-002 (UNIT A) AND M-003 (UNIT B) FOR EXISTING CONDITIONS.

B. DIFFUSER COUNT TO BE DETERMINED BY NUMBER OF TAPS SERVING EACH ROOM, ONE TAP PER DIFFUSER. CURRENT DIFFUSER COUNT IS BASED ON EXISTING DRAWINGS REFERENCED ON M-002 AND M-003, FIELD VERIFY TO ESTABLISH CORRECT COUNT. (A2)

MECHANICAL HVAC PLAN NOTES

#	NOTE
1	CONNECT SUPPLY GRILLE TO EXISTING 5" FLEX DUCTWORK.
2	CONNECT RETURN GRILLE TO EXISTING DUCTWORK. EXTEND EXISTING DUCTWORK AS NEEDED TO MISS NEW CONSTRUCTION.
3	ADD BMS SPACE TEMPERATURE MONITORING, ALARM TO BE ENERGIZED IF THE SPACE TEMPERATURE FALLS BELOW 45°F OR RISES ABOVE 85°F.
4	CONNECT RETURN GRILLE TO EXISTING DUCTWORK.
5	CONNECT EXHAUST GRILLE TO EXISTING DUCTWORK.

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#	Revision	Date
A2	ADDENDUM #2	8/18/2021

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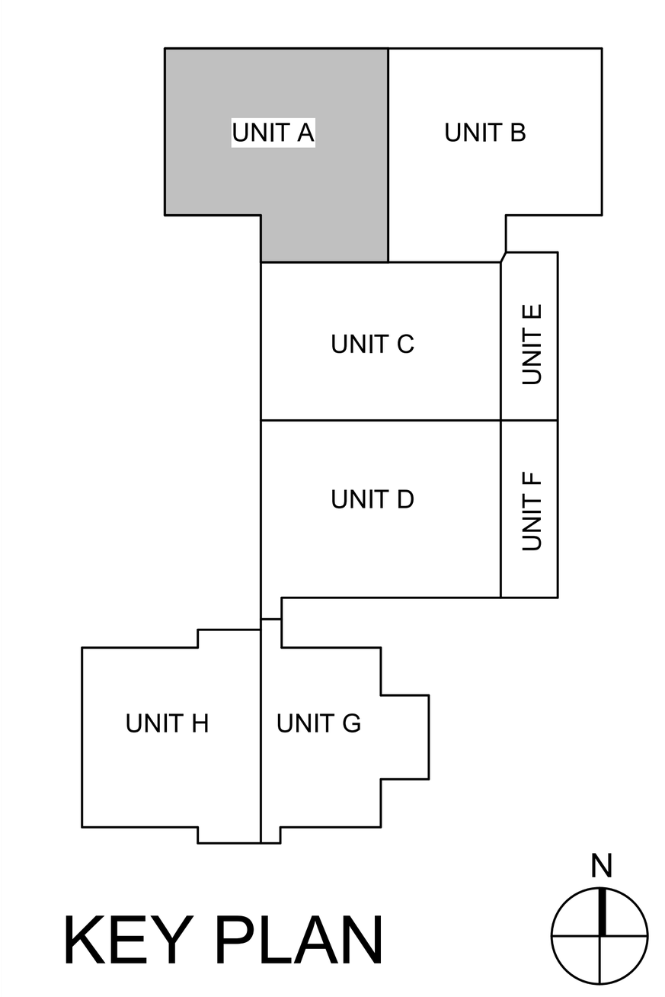


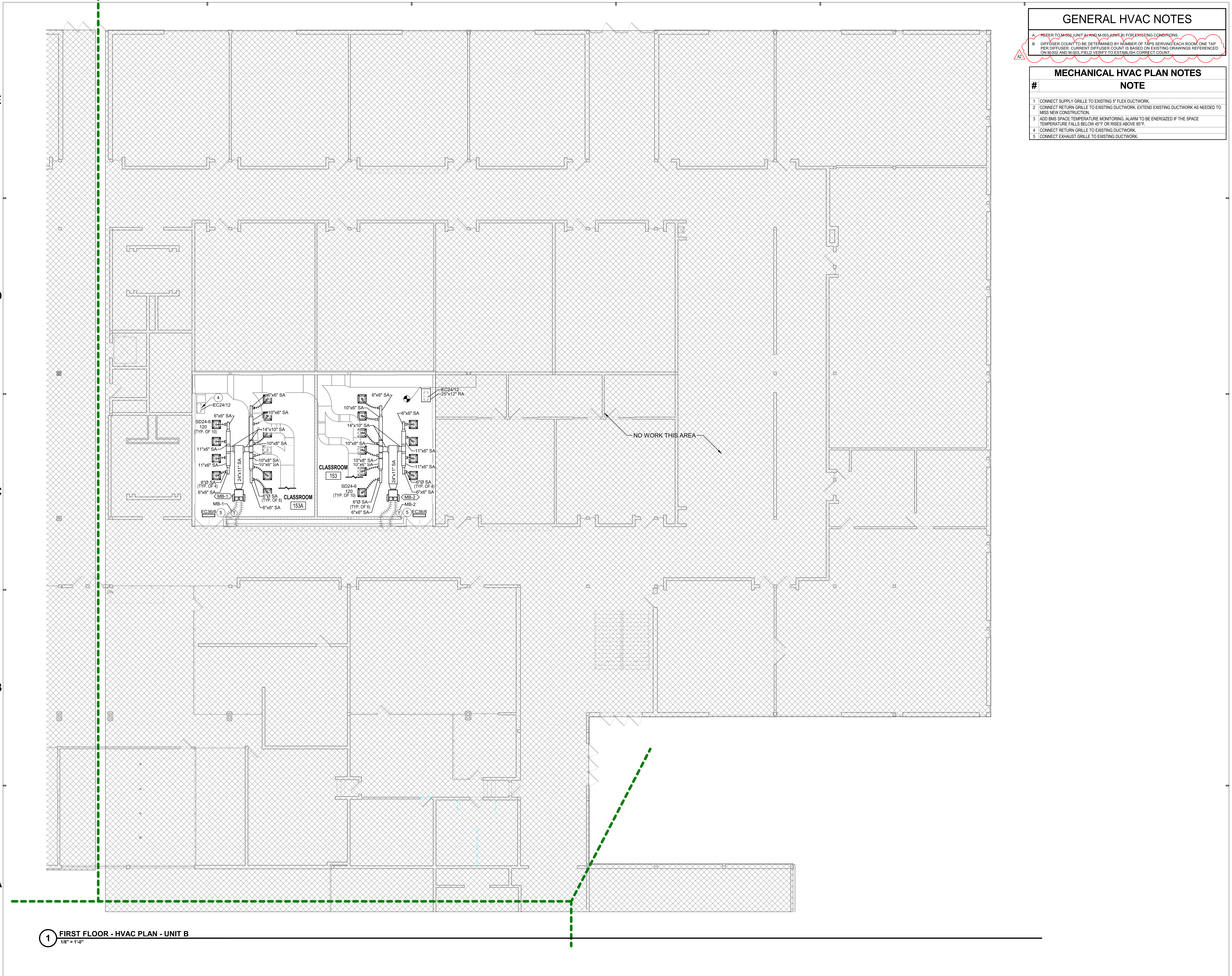
KEY PLAN

School City of Hammond

Morton High School - Renovations an Addition

SECOND FLOOR HVAC PLAN - UNIT A

MH2A1



1 FIRST FLOOR - HVAC PLAN - UNIT B
1/8" = 1'-0"

GENERAL HVAC NOTES

A. REFER TO M-002 (UNIT A) AND M-003 (UNIT B) FOR EXISTING CONDITIONS.

B. DIFFUSER COUNT TO BE DETERMINED BY NUMBER OF TAPS SERVING EACH ROOM, ONE TAP PER DIFFUSER. CURRENT DIFFUSER COUNT IS BASED ON EXISTING DRAWINGS REFERENCED ON M-002 AND M-003, FIELD VERIFY TO ESTABLISH CORRECT COUNT.

A2

MECHANICAL HVAC PLAN NOTES

#	NOTE
1	CONNECT SUPPLY GRILLE TO EXISTING 5" FLEX DUCTWORK.
2	CONNECT RETURN GRILLE TO EXISTING DUCTWORK. EXTEND EXISTING DUCTWORK AS NEEDED TO MISS NEW CONSTRUCTION.
3	ADD BMS SPACE TEMPERATURE MONITORING, ALARM TO BE ENERGIZED IF THE SPACE TEMPERATURE FALLS BELOW 45°F OR RISES ABOVE 85°F.
4	CONNECT RETURN GRILLE TO EXISTING DUCTWORK.
5	CONNECT EXHAUST GRILLE TO EXISTING DUCTWORK.

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A2	ADDENDUM #2	8/18/2021

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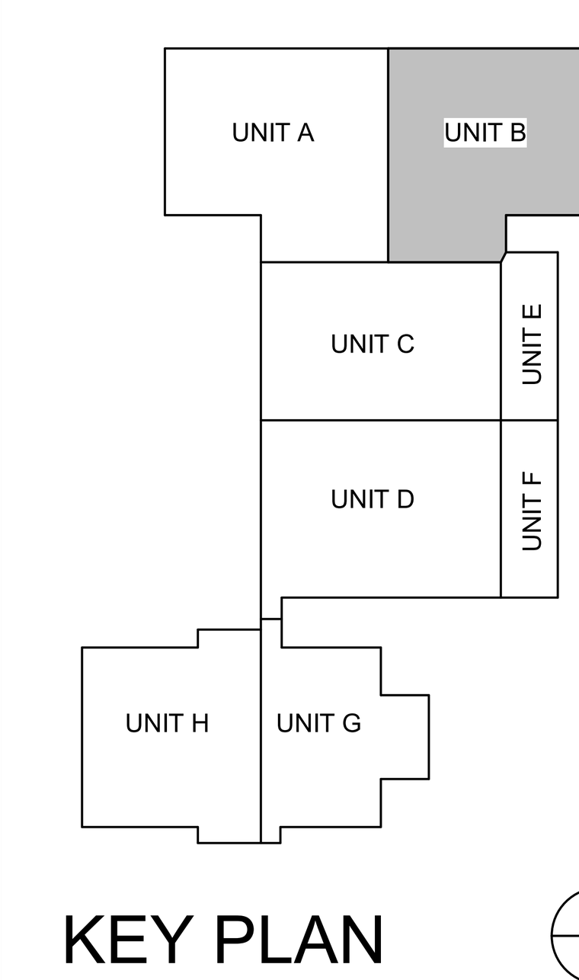

KEY PLAN

School City of Hammond

School City of Hammond

Morton High School - Renovations an Addition

FIRST FLOOR HVAC PLAN - UNIT B

MH1B1

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

LIGHTING PLAN NOTES

#	NOTES
1	PROVIDE LOCKABLE HOFFMAN BOX TO COVER EXISTING LIGHTING CONTROL ROUGH OPENING. LOCATE GYMNASIUM LIGHTING CONTROLS INSIDE HOFFMAN BOX. VERIFY HOFFMAN BOX DIMENSIONS IN FIELD. EXTEND EXISTING LIGHTING CONTROLS CONTROLLING EXISTING TO REMAIN GYMNASIUM LIGHT FIXTURES INTO NEW HOFFMAN BOX.
2	CONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING THIS ROOM COMPLETE.
3	CONNECT LIGHT FIXTURE TO EXISTING LIGHTING CIRCUIT SERVING EXTERIOR BUILDING MOUNTED LIGHTING. SWITCH LIGHT FIXTURE FROM EXISTING CONTROLS SERVING EXISTING BUILDING MOUNTED LIGHTING.
4	CONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING ADMINISTRATION AREA. CONNECT COMPLETE.
5	CONNECT GYMNASIUM COURT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING GYMNASIUM COURT AREA. CONNECT COMPLETE.

2A FIRST FLOOR LIGHTING PLAN - UNIT A
1/8" = 1'-0"

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Project No. 2020-153.MHS
Project Date 07.26.2021
Produced JH GL

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#	Revision	Date
A1	Addendum 1	08.11.2021
A2	Addendum 2	08.18.2021

6915 Grand Avenue
Hammond, IN 46323

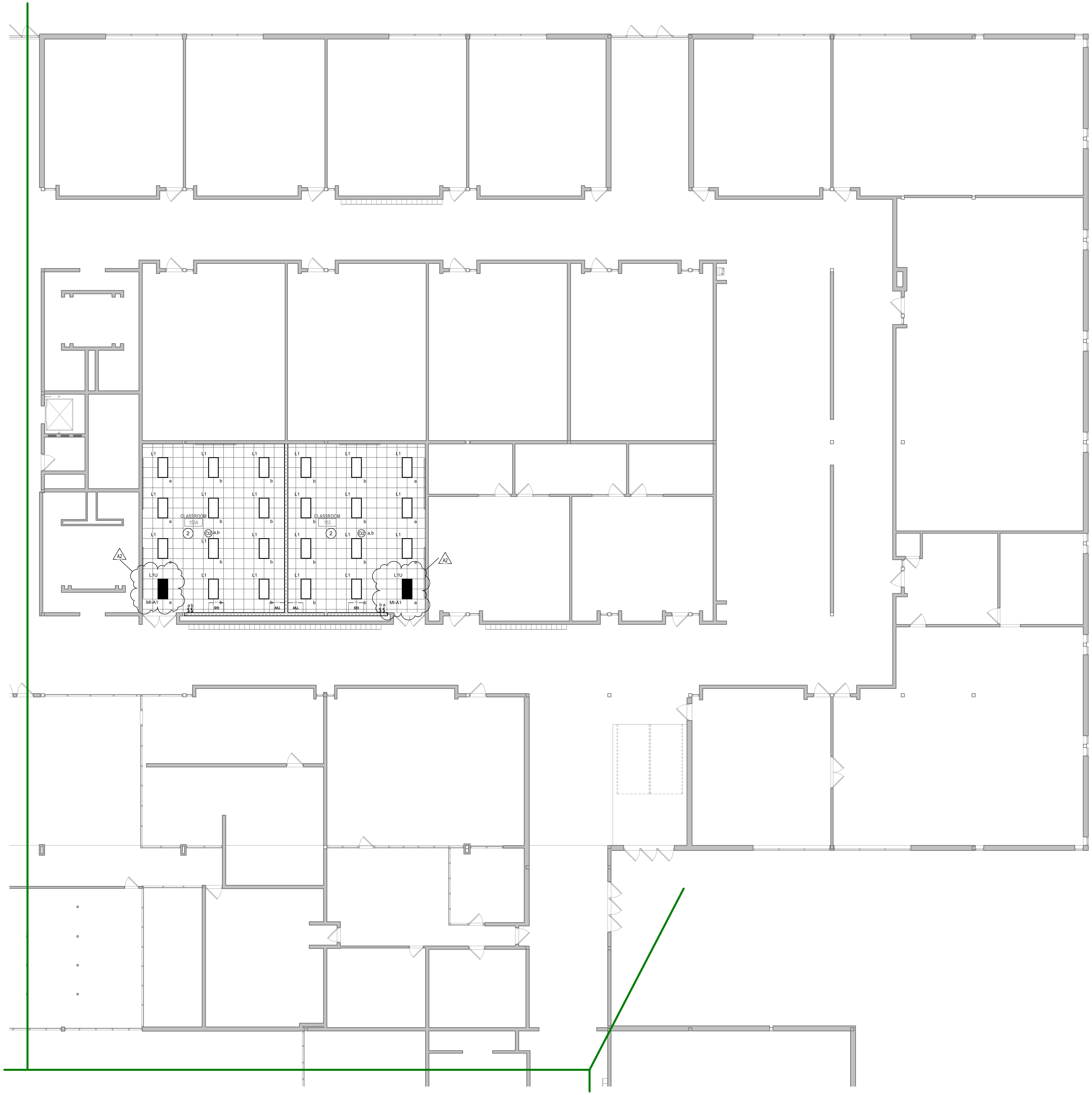
KEY PLAN

School City of Hammond

Morton High School - Renovations and Addition

FIRST FLOOR LIGHTING PLAN - UNIT A

EL1A1



GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

LIGHTING PLAN NOTES

#	NOTES
1	PROVIDE LOCKABLE HOFFMAN BOX TO COVER EXISTING LIGHTING CONTROL ROUGH OPENING. LOCATE GYMNASIUM LIGHTING CONTROLS INSIDE HOFFMAN BOX. VERIFY HOFFMAN BOX DIMENSIONS IN FIELD. EXTEND EXISTING LIGHTING CONTROLS CONTROLLING EXISTING TO REMAIN GYMNASIUM LIGHT FIXTURES INTO NEW HOFFMAN BOX.
2	CONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING THIS ROOM COMPLETE.
3	CONNECT LIGHT FIXTURE TO EXISTING LIGHTING CIRCUIT SERVING EXTERIOR BUILDING MOUNTED LIGHTING. SWITCH LIGHT FIXTURE FROM EXISTING CONTROLS SERVING EXISTING BUILDING MOUNTED LIGHTING.
4	CONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING ADMINISTRATION AREA. CONNECT COMPLETE.
5	CONNECT GYMNASIUM COURT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING GYMNASIUM COURT AREA. CONNECT COMPLETE.

2A FIRST FLOOR LIGHTING PLAN - UNIT B
1/8" = 1'-0"

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#	Revision	Date
A2	Addendum 2	08.18.2021

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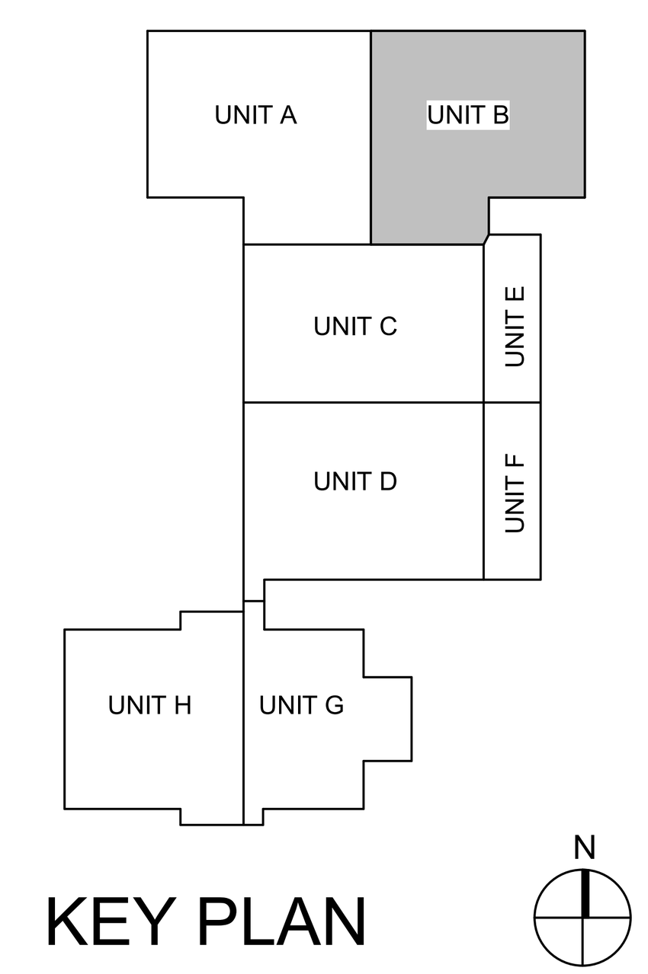
Hammond, IN 46323



KEY PLAN

School City of Hammond

School City of Hammond

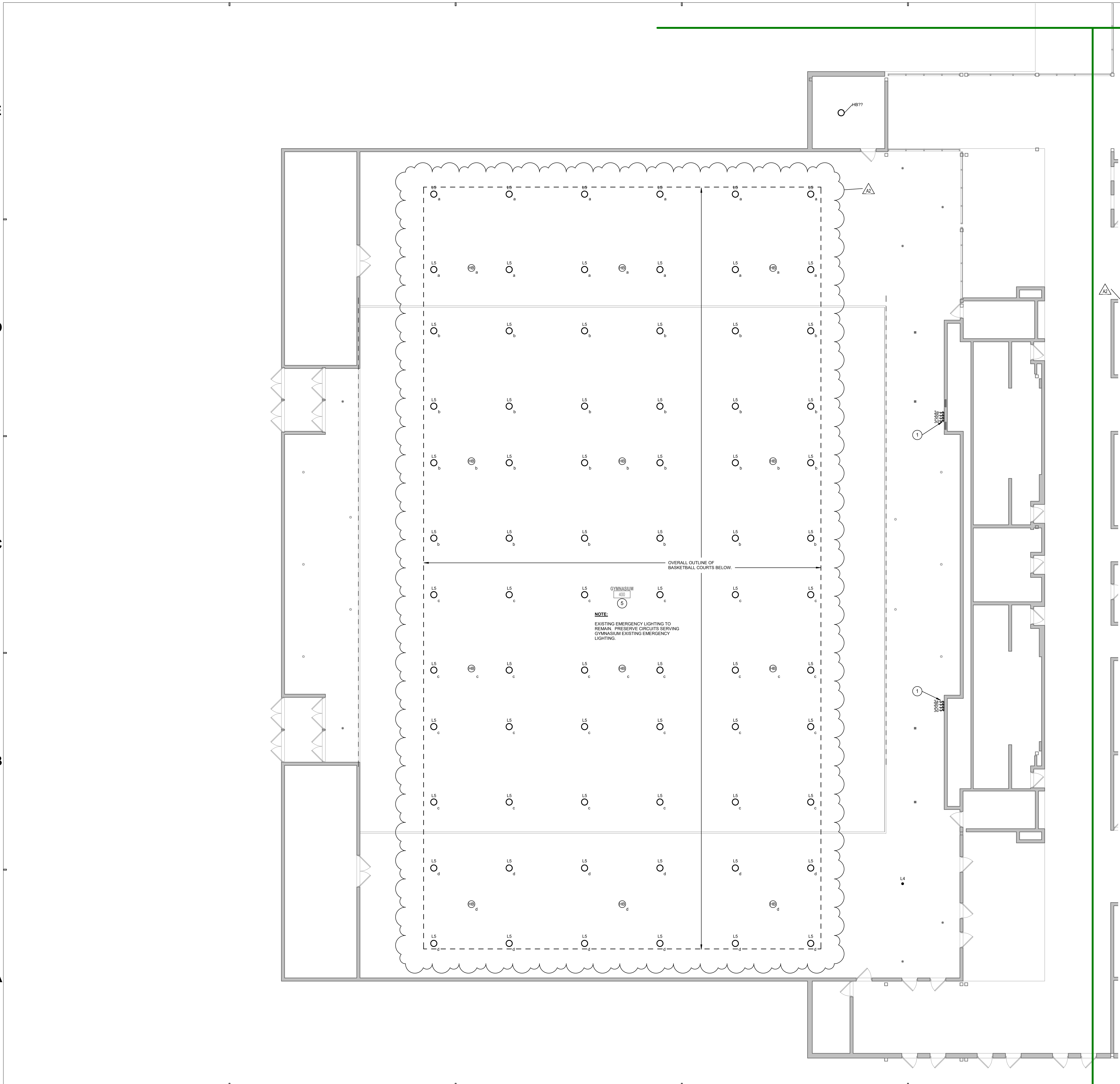
Morton High School - Renovations and Addition

FIRST FLOOR LIGHTING PLAN - UNIT B

EL1B1

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.



2A FIRST FLOOR LIGHTING PLAN - UNIT H
1/8" = 1'-0"

LIGHTING PLAN NOTES

#	NOTES
1	PROVIDE LOCKABLE HOFFMAN BOX TO COVER EXISTING LIGHTING CONTROL ROUGH OPENING. LOCATE GYMNASIUM LIGHTING CONTROLS INSIDE HOFFMAN BOX. VERIFY HOFFMAN BOX DIMENSIONS IN FIELD. EXTEND EXISTING LIGHTING CONTROLS CONTROLLING EXISTING TO REMAIN GYMNASIUM LIGHT FIXTURES INTO NEW HOFFMAN BOX.
2	CONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING THIS ROOM COMPLETE.
3	CONNECT LIGHT FIXTURE TO EXISTING LIGHTING CIRCUIT SERVING EXTERIOR BUILDING MOUNTED LIGHTING. SWITCH LIGHT FIXTURE FROM EXISTING CONTROLS SERVING EXISTING BUILDING MOUNTED LIGHTING.
4	CONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING ADMINISTRATION AREA. CONNECT COMPLETE.
5	CONNECT GYMNASIUM COURT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING GYMNASIUM COURT AREA. CONNECT COMPLETE.

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#	Revision	Date
A2	Addendum 2	08.18.2021

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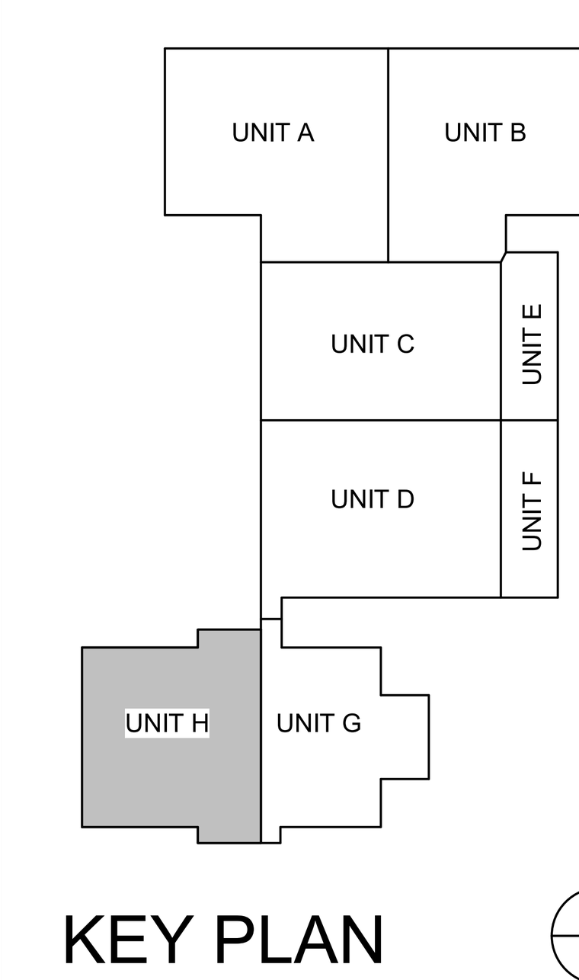


KEY PLAN

School City of Hammond

Morton High School - Renovations and Addition

FIRST FLOOR LIGHTING PLAN - UNIT H

EL1H1

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

LIGHTING PLAN NOTES

#	NOTES
1	PROVIDE LOCKABLE HOFFMAN BOX TO COVER EXISTING LIGHTING CONTROL ROUGH OPENING. LOCATE GYMNASIUM LIGHTING CONTROLS INSIDE HOFFMAN BOX. VERIFY HOFFMAN BOX DIMENSIONS IN FIELD. EXTEND EXISTING LIGHTING CONTROLS CONTROLLING EXISTING TO REMAIN GYMNASIUM LIGHT FIXTURES INTO NEW HOFFMAN BOX.
2	CONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING THIS ROOM COMPLETE.
3	CONNECT LIGHT FIXTURE TO EXISTING LIGHTING CIRCUIT SERVING EXTERIOR BUILDING MOUNTED LIGHTING. SWITCH LIGHT FIXTURE FROM EXISTING CONTROLS SERVING EXISTING BUILDING MOUNTED LIGHTING.
4	CONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING ADMINISTRATION AREA. CONNECT COMPLETE.
5	CONNECT GYMNASIUM COURT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT SERVING GYMNASIUM COURT AREA. CONNECT COMPLETE.

2A SECOND FLOOR LIGHTING PLAN - UNIT A
1/8" = 1'-0"

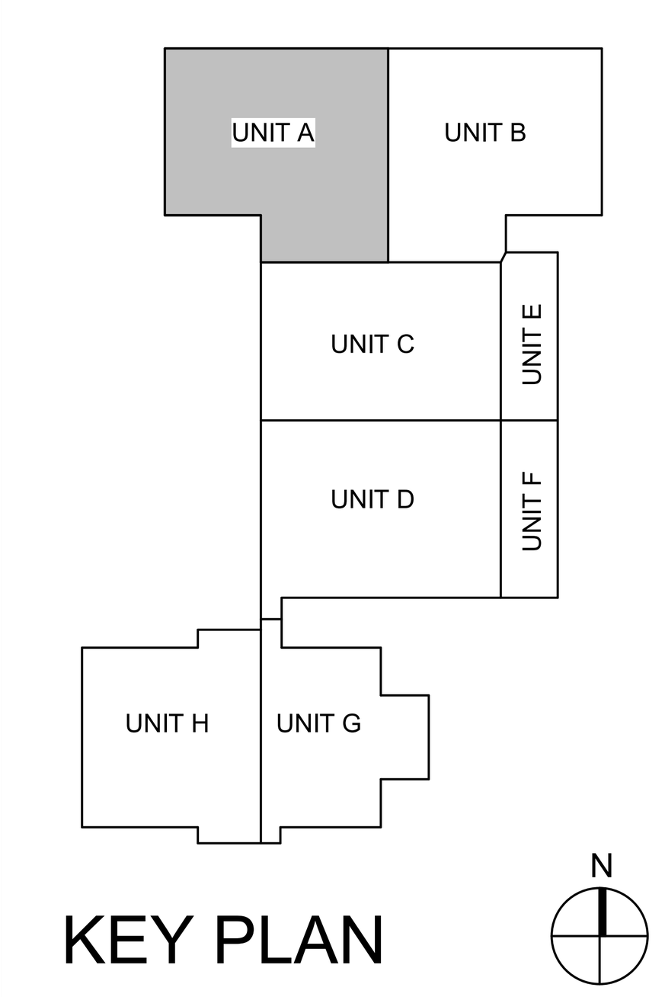
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2020-153.MHS
Project Date 07.26.2021
Produced JH GL

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum 1	08.11.2021
A2	Addendum 2	08.18.2021

6915 Grand Avenue
Hammond, IN 46323



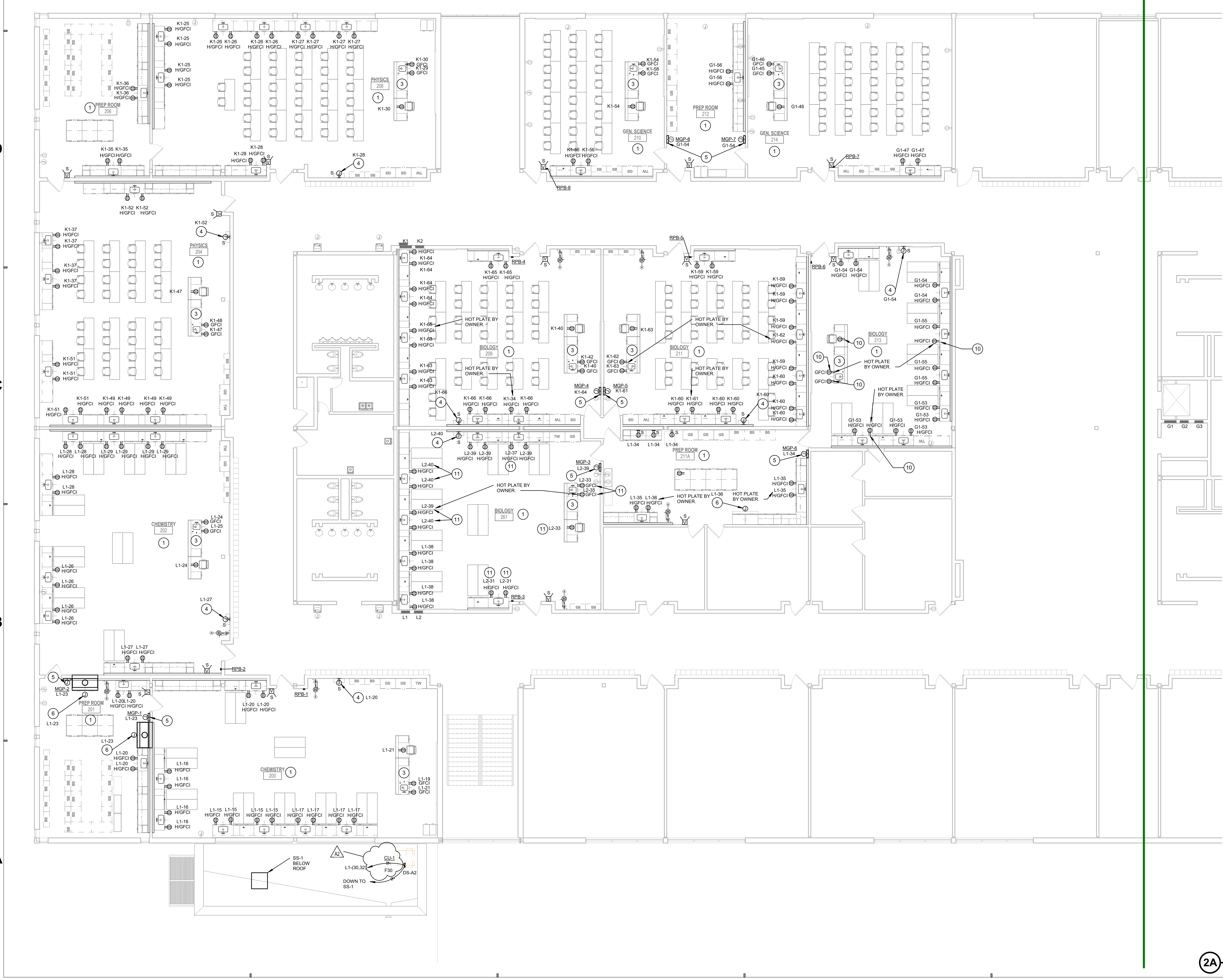
KEY PLAN

School City of Hammond

Morton High School - Renovations and Addition

SECOND FLOOR LIGHTING PLAN - UNIT A

EL1A2



SECOND FLOOR POWER PLAN - UNIT A
1/8" = 1'-0"

GENERAL POWER NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	CONTRACTOR TO CHANNEL FLOOR OR EXTEND CIRCUITS DOWN TO FIRST FLOOR ABOVE CEILING. PROVIDE POKE THROUGH FIRE RATED ASSEMBLIES. REFER TO SPECIFICATION SECTION 262726.2.8.
C	REFER TO INTERIORS DRAWINGS FOR ELEVATIONS SHOWING 20 AMP DUPLEX GFCI ROUGH-INS IN SCIENCE ROOM FURNITURE.
D	PROVIDE TAMPER PROOF 20 AMP DUPLEX GFCI RECEPTACLES IN HORIZONTAL POSITION IN ALL SCIENCE ROOM FURNITURE.
E	REFER TO PLUMBING GAS ISOMETRIC IN P-SERIES DRAWINGS. COORDINATE POWER REQUIREMENTS FOR GAS EMERGENCY CONTROL PANELS AND SOLENOID VALVES.

A2

POWER PLAN NOTES

#	NOTES
1	CONNECT NEW POWER RECEPTACLES TO EXISTING POWER CIRCUITS.
2	REFRIGERATOR. PROVIDE GFCI BREAKER.
3	PROVIDE POKE THROUGH TO FEED DEMO TABLES. TYPICAL. REFER TO E-500 SERIES DRAWINGS FOR ADDITIONAL POKE THROUGH INFORMATION. COORDINATE WITH T-SERIES DRAWINGS.
4	CIRCUIT CONNECTION FOR GOGGLE CABINET.
5	CIRCUIT CONNECTION FOR GAS EMERGENCY CONTROL PANEL.
6	CIRCUIT CONNECTION FOR FUME HOOD.
7	PROVICDE GFCI CIRCUIT BREAKER TIO SERVE REFRIGERATOR.
8	PROVIDE 1P-20A CIRCUIT BREAKERS IN PANELBOARD H2 TO SERVE THIS AREA.
9	CIRCUIT CONNECTION FOR AUTOMATIC DOOR OPERATOR.
10	PANELBOARD G3 (TAIL PANEL). PROVIDE FOUR (4) 1P-20A BREAKERS IN PANEL.
11	PANELBOARD L2. PROVIDE (1) 2P-30A CIRCUIT BREAKER IN SPACES 34,36. PROVIDE (6) 1P-20A CIRCUIT BREAKERS IN SPACES 31, 33, 35, 37, 39, AND 41.

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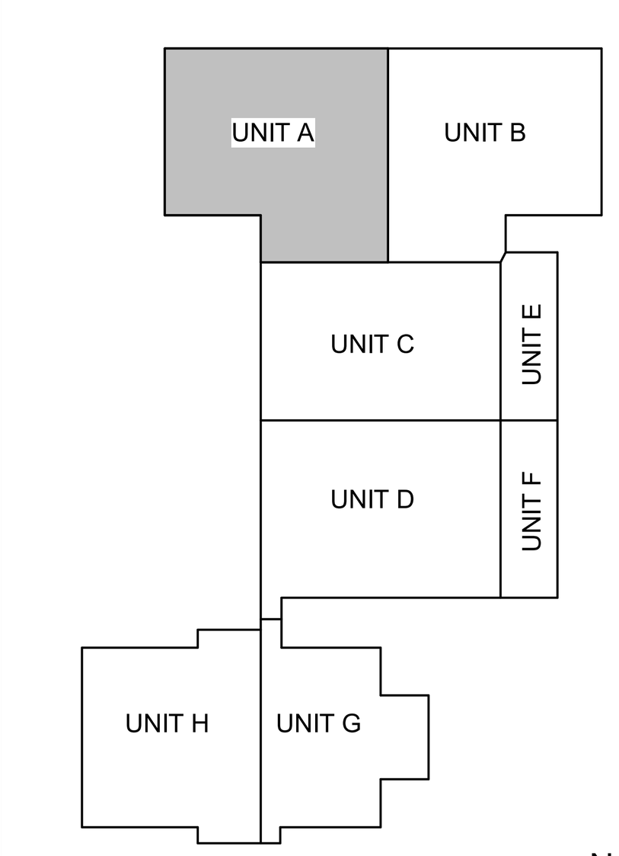


KEY PLAN

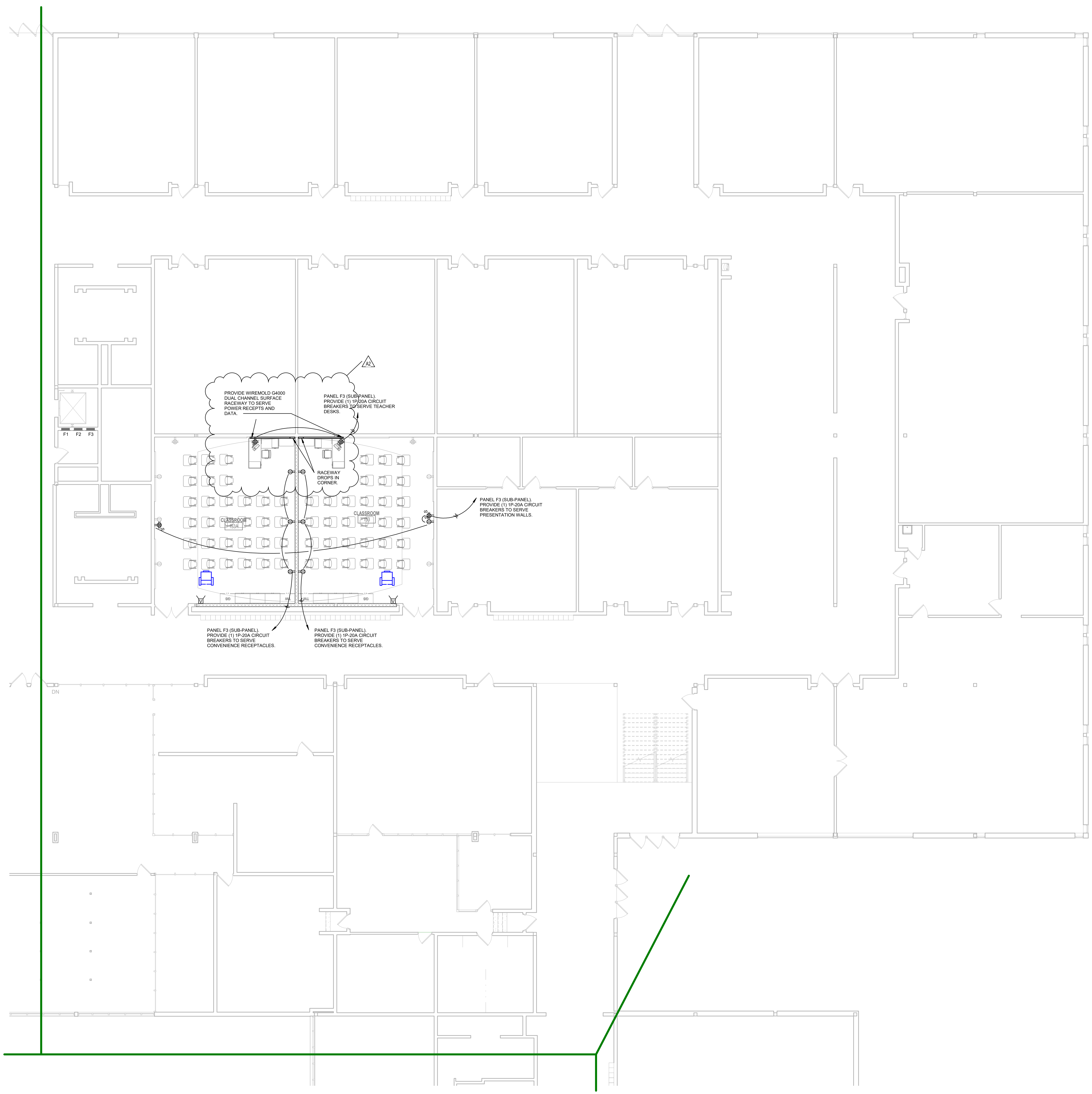
School City of Hammond

School City of Hammond

Morton High School - Renovations and Addition

SECOND FLOOR POWER PLAN - UNIT A

EP1A2



GENERAL POWER NOTES

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POWER PLAN NOTES

#	NOTES
1	CONNECT NEW POWER RECEPTACLES TO EXISTING POWER CIRCUITS.
2	REFRIGERATOR. PROVIDE GFCI BREAKER.
3	PROVIDE POKE THROUGH TO FEED DEMO TABLES. TYPICAL. REFER TO E-500 SERIES DRAWINGS FOR ADDITIONAL POKE THROUGH INFORMATION. COORDINATE WITH T-SERIES DRAWINGS.
4	CIRCUIT CONNECTION FOR GOGGLE CABINET.
5	CIRCUIT CONNECTION FOR GAS EMERGENCY CONTROL PANEL.
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7	PROVICDE GFCI CIRCUIT BREAKER TIO SERVE REFRIGERATOR.
8	PROVIDE 1P-20A CIRCUIT BREAKERS IN PANELBOARD H2 TO SERVE THIS AREA.
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2A FIRST FLOOR POWER PLAN - UNIT B
1/8" = 1'-0"

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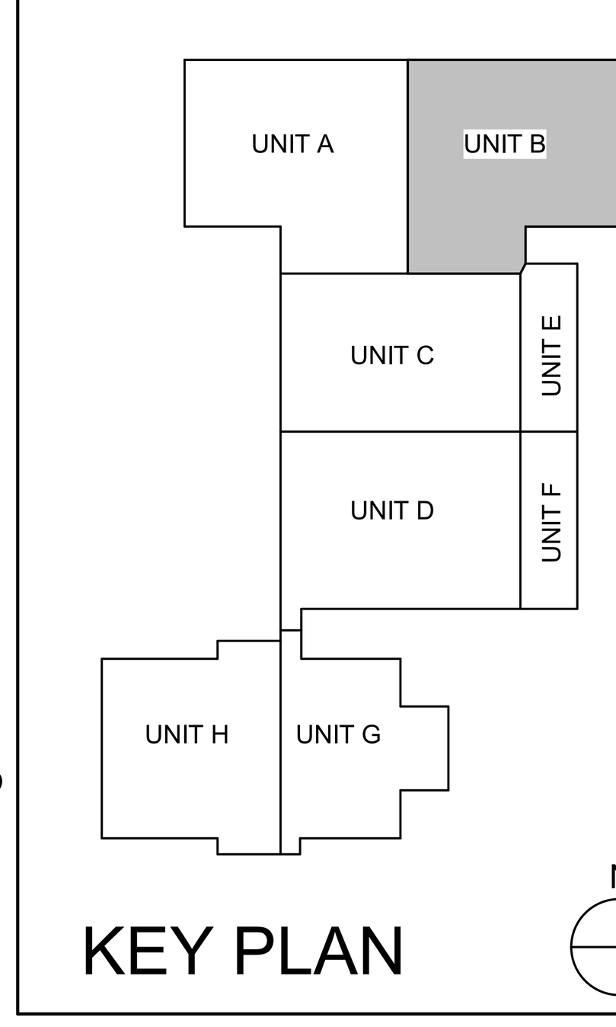

KEY PLAN

School City of Hammond

School City of Hammond

Morton High School - Renovations and Addition

FIRST FLOOR POWER PLAN - UNIT B

EP1B1

265119/265619/26213.1 - INTERIOR/EXTERIOR/EMERGENCY & EXIT LIGHT FIXTURES SCHEDULE												
			SOURCE									
LABEL	DESCRIPTION	VOLTAGE	TYPE	LUMENS	WATTS	CCT	MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABEL
HB??	16" DIAMETER LED HIGHBAY. WHITE POLYESTER POWDER COAT FINISH. ROUND, DECORATIVE SHIELD. WIDE DISTRIBUTION. 0-10V DIMMING.	120/277 V	LED	28,000 LM	271 W	4000 K			DLC	METALUX SSLED HOLOPHANE PHS HUBBELL PHB	HB??
L1	2X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	5,000 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L1
L1U	2X4 LED FLAT PANEL. 0-10V DIMMING. PROVIDE UL 924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	5,000 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L1U
L2	2X2 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	3,500 LM	30 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 22FP COLUMBIA CFP22 LITHONIA EPANL 22	L2
L2U	2X2 LED FLAT PANEL. 0-10V DIMMING. PROVIDE UL 924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	3,500 LM	30 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 22FP COLUMBIA CFP22 LITHONIA EPANL 22	L2U
L3	2X2 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	4,600 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 22FP COLUMBIA CFP22 LITHONIA EPANL 22	L3
L4	4" ROUND LED DOWNLIGHT. SELF-FLANGED TRIM. WIDE DISTRIBUTION (75°). 0-10V DIMMING.	120/277 V	LED	4,000 LM	42 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LD4B PRESCOLITE LF4SL GOTHAM EVO	L4
L5	16" DIAMETER LED HIGHBAY. WHITE POLYESTER POWDER COAT FINISH. ROUND, DECORATIVE SHIELD. WIDE DISTRIBUTION. 0-10V DIMMING.	120/277 V	LED	30,000 LM	266 W	4000 K	SUSPENDED		DLC	METALUX SSLED HOLOPHANE PHS ~~HUBBELL PHB~~	L5
L7	2X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	6,600 LM	60 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L7
L8	1X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	3,000 LM	25 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 14FP COLUMBIA CFP14 LITHONIA EPANL 14	L8
L8U	1X4 LED FLAT PANEL. 0-10V DIMMING. PROVIDE UL 924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	3,000 LM	25 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 14FP COLUMBIA CFP14 LITHONIA EPANL 14	L8U
L9	4" SQUARE LED DOWNLIGHT. SELF-FLANGED TRIM. 0-10V DIMMING.	120/277 V	LED	1,500 LM	16 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LDSQ4B PRESCOLITE LF4SQSL GOTHAM EVO	L9
L10U	72" EXTERIOR SURFACE MOUNTED EXTRUDED ALUMINUM LED FIXTURE. U.L. LISTED WET LOCATION. BRONZE FINISH. PROVIDE UL924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	3,000 LM	30 W	4000 K	SURFACE/WALL	DIFFUSED POLYCARBONATE	N/A	LUMINAIRE AEL72 STARTEK HYDROFORM	L10U
X1	LED EXIT LIGHT, MATTE BLACK DIE-CAST ALUMINUM HOUSING, BRUSHED ALUM. SINGLE FACE. STENCIL FACE, RED LETTERS. SELF-POWERED. NICKEL-CADMIUM BATTERY. SELF-DIAGNOSTIC/SELF-TESTING MODULE.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X1
X2	LED EXIT LIGHT, MATTE BLACK DIE-CAST ALUMINUM HOUSING, BRUSHED ALUM. DUAL FACE. STENCIL FACE, RED LETTERS. SELF-POWERED. NICKEL-CADMIUM BATTERY. SELF-DIAGNOSTIC/SELF-TESTING MODULE.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X2

A2

263323.1 - CENTRAL BATTERY EQUIPMENT FOR EMERGENCY LIGHTING SCHEDULE											
	LOCATION		EQUIPMENT RATINGS				INPUT/OUTPUT CIRCUIT				
LABEL	NUMBER	NAME	VOLTAGE	MINIMUM OUTPUT FOR 90-MINUTES (W/VA)	MOUNT	NEMA ENCL	PANEL	CIRCUIT	ACCESSORIES	REMARKS
A1	46	Space	120/277V	1500	SURFACE	1	J	20	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM	
A2			120/277V	1500	SURFACE	1		<unnamed>	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM	

262816.1 - ENCLOSED SWITCHES & CIRCUIT BREAKERS SCHEDULE													
	LOCATION			EQUIPMENT RATINGS						ACCESSORIES		
LABEL	NUMBER	NAME	EQUIPMENT SERVED	VOLTAGE	POLES	AMPERAGE	FUSED	FUSE SIZE	NEMA ENCL	AUX. CONTACTS	SOLID NEUTRAL	REMARKS
DS-A1	42	Space	SS-1	208	2	30 A	Yes	20 A	1	(1) N.O. / N.C.	No	
DS-A2			CU-1	208	2	30 A	Yes	30 A	3R	(1) N.O. / N.C.	No	

A2

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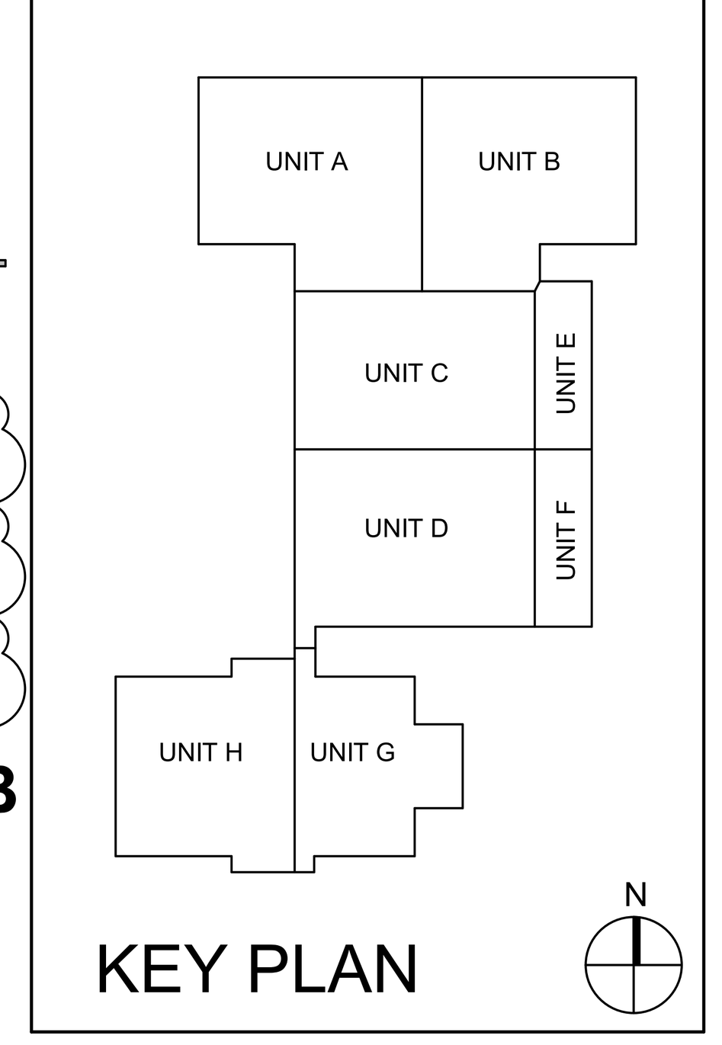


KEY PLAN

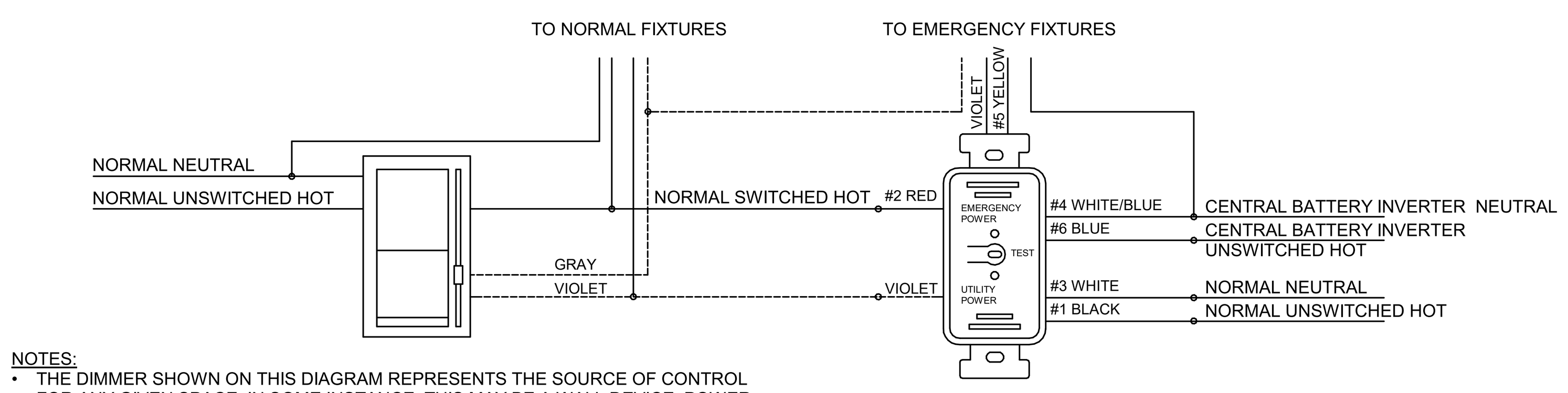
School City of Hammond

School City of Hammond

Morton High School - Renovations and Addition

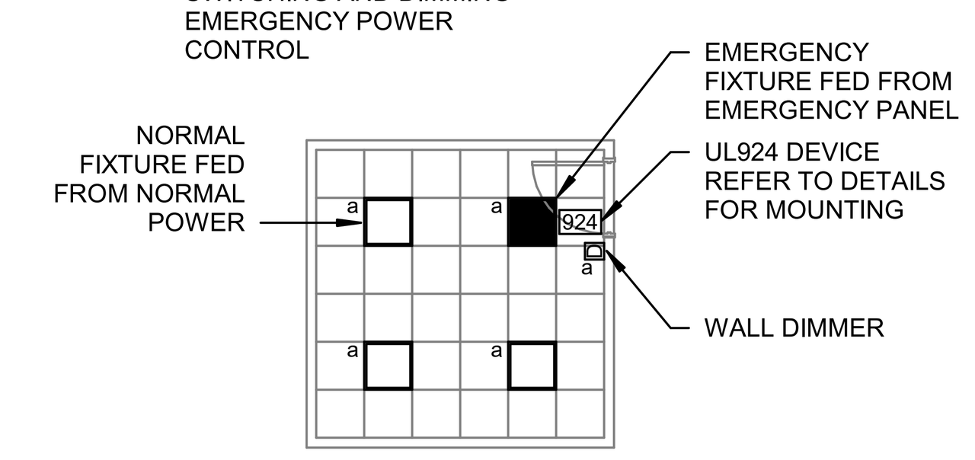
SCHEDULES

E-601

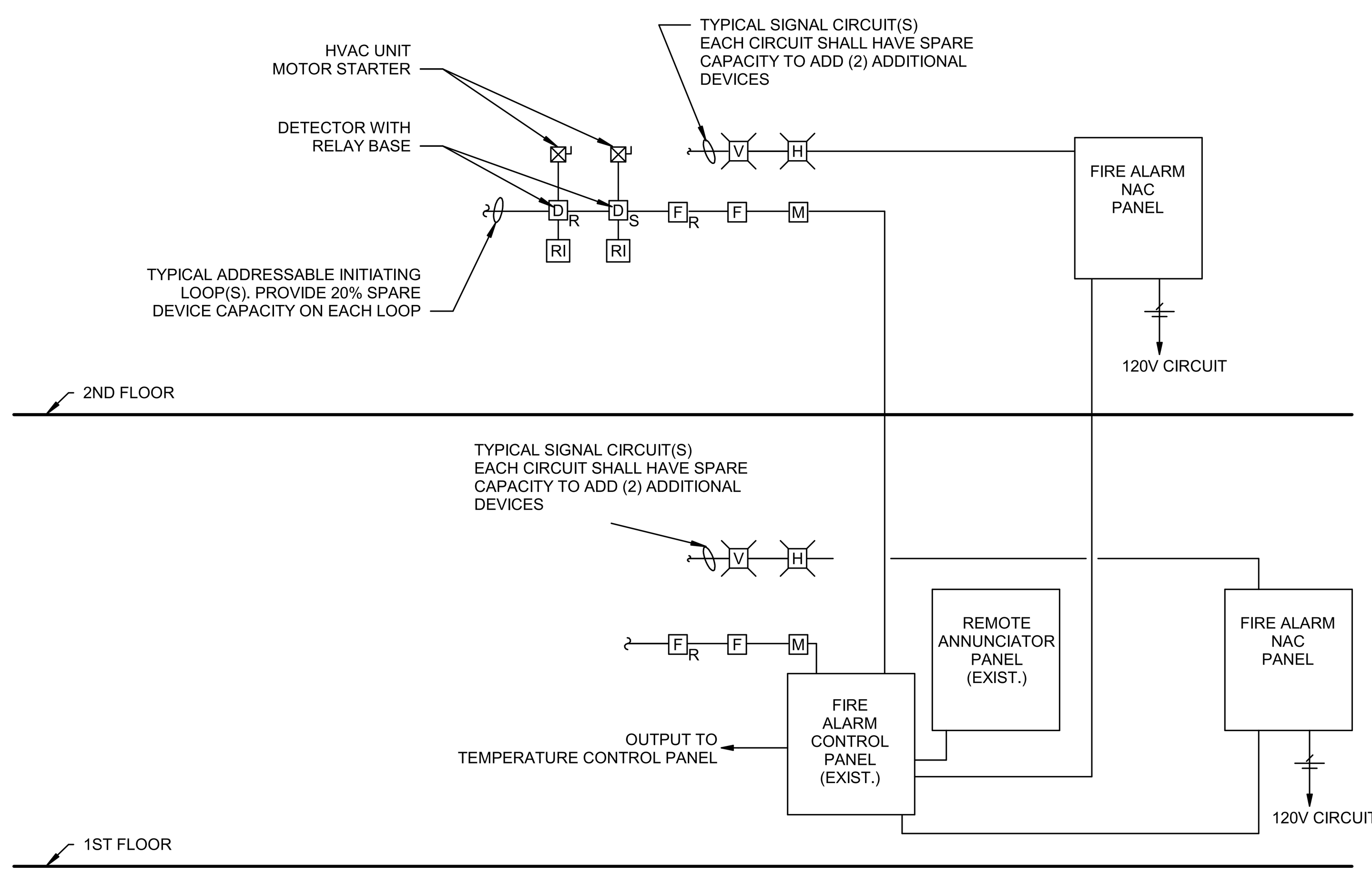


NOTES:

- THE DIMMER SHOWN ON THIS DIAGRAM REPRESENTS THE SOURCE OF CONTROL FOR ANY GIVEN SPACE. IN SOME INSTANCE, THIS MAY BE A WALL DEVICE, POWER PACK, OR RELAY PANEL.
- CUT THE VIOLET WIRE LOOP TO ACCESS THE INPUT/OUTPUT FOR THE 0-10V DISCONNECT RELAY.
- THE NORMAL UNSWITCHED HOT FEEDING INTO THE UL924 SHOULD BE THE SAME CIRCUIT AS WHAT FEEDS THE NOMAL POWER FIXTURES.
- THE EMERGENCY FIXTURES WILL ALWAYS OPERATE OFF OF THE EMERGENCY CIRCUIT. THE SWITCHED HOT INPUT INTO THE UL924 ALLOWS EMERGENCY AND NORMAL FIXTURES TO TRACK TOGETHER DURING NORMAL OPERATION.
- IN THE EVEN OF POWER LOSS ON THE NORMAL UNSWITCHED HOT, THE UL924 DEVICE WILL FORCE THE EMERGENCY LIGHTS "ON" TO FULL BRIGHTNESS.
- DO NOT RUN 0-10V DIMMING WIRE AND LINE VOLTAGE TOGETHER IN SAME CONDUIT.

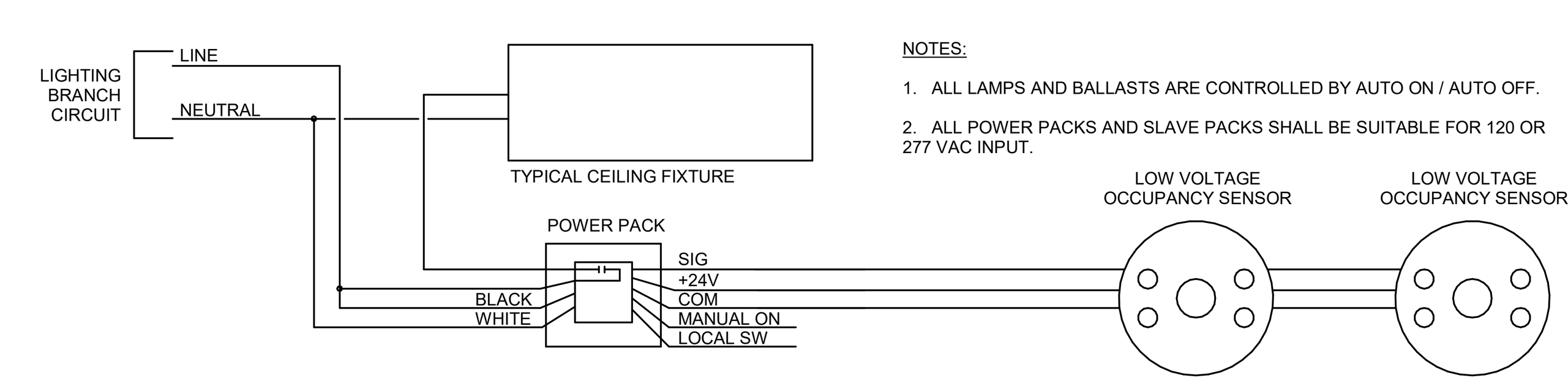


1C TYPICAL UL924 WITH DIMMING WIRING SCHEMATIC
1/8" = 1'-0"



NOTES:
1. REFER TO FLOOR PLANS FOR DEVICE QUANTITIES
2. ALL VISUAL DEVICES AND SPEAKER/STROBES TO BE SYNCHRONIZED FLASH

2A FIRE ALARM SCHEMATIC
N.T.S.

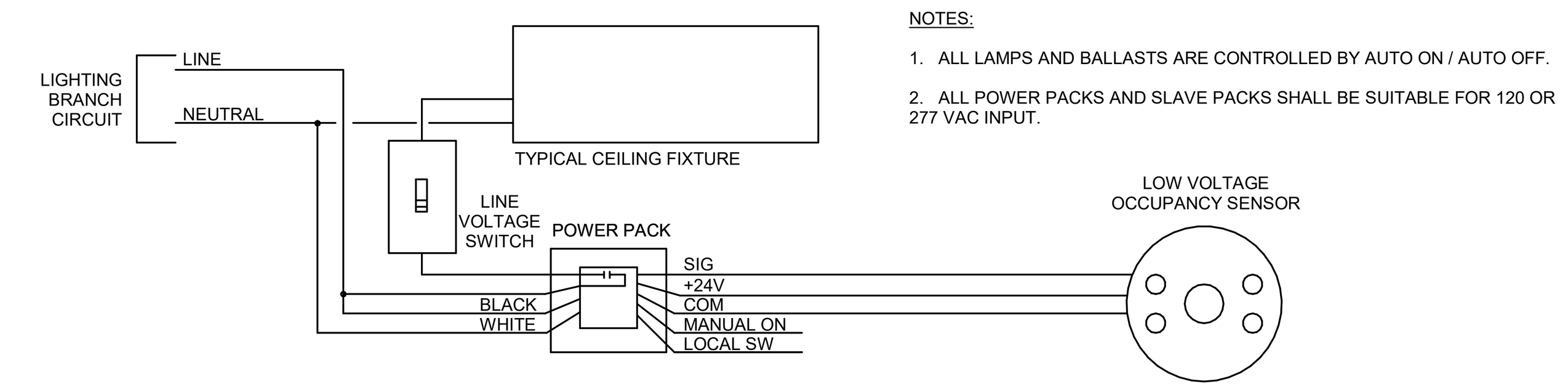


NOTES:

1. ALL LAMPS AND BALLASTS ARE CONTROLLED BY AUTO ON / AUTO OFF.

2. ALL POWER PACKS AND SLAVE PACKS SHALL BE SUITABLE FOR 120 OR 277 VAC INPUT.

1B OCCUPANCY SENSOR LIGHTING CONTROL CORRIDOR SWITCHING SCHEMATIC
N.T.S.



NOTES:

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1A OCCUPANCY SENSOR LIGHTING CONTROL SCHEMATIC
N.T.S.

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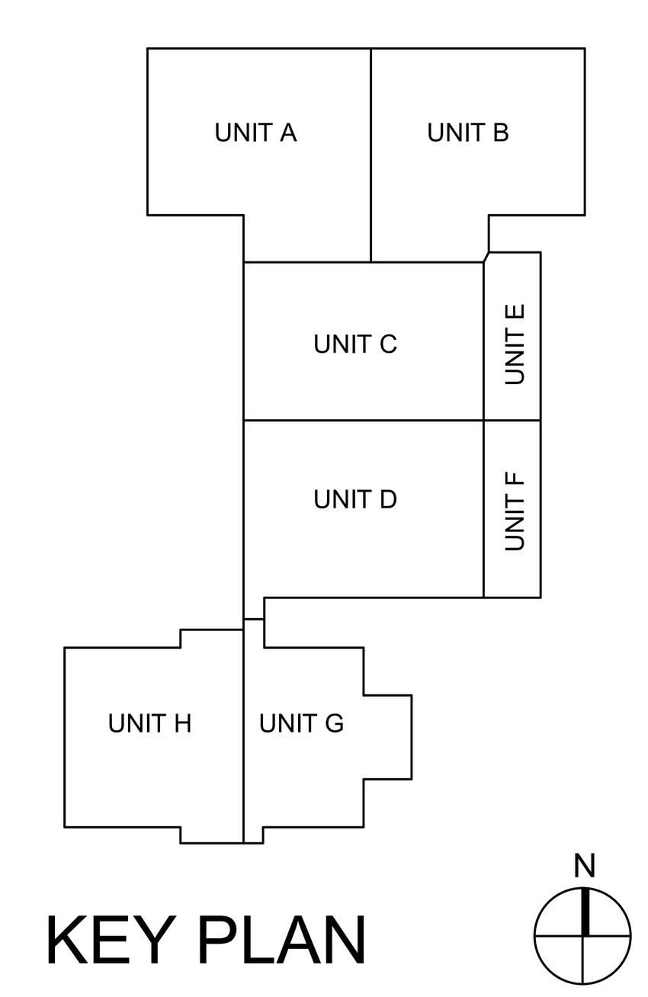


KEY PLAN

School City of Hammond

School City of Hammond

Morton High School - Renovations and Addition

SCHEMATICS

E-602

BRANCH PANELBOARD SCHEDULE

DESIGNATION: L2 | VOLTS: 208Y/120 V | MAINS RATING: ~~225 A~~
LOCATION: Space 154RRR | PHASES: 3 | MAINS TYPE: MLO
MOUNTING: FLUSH | WIRES: 4
SUPPLY FROM: | AIC RATING: 10,000 AIC

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A		B		C		P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
--	1	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	2	--
--	3	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	4	--
--	5	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	6	--
--	7	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	8	--
--	9	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	10	--
--	11	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	12	--
--	13	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	14	--
--	15	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	16	--
--	17	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	18	--
--	19	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	20	--
--	21	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	22	--
--	23	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	24	--
--	25	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	26	--
--	27	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	28	--
--	29	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	30	--
	31	BIOLOGY 261	RECEPTS	20 A	1	0.36	0.00					1	20 A		EXISTING	32	--
	33	BIOLOGY 261 DEMO TABLE	RECEPTS	20 A	1			0.36	0.00			1	20 A		EXISTING	34	--
	35	BIOLOGY 261 DEMO TABLE	RECEPTS	20 A	1					0.18	0.00	1	20 A		EXISTING	36	--
	37	BIOLOGY 261	RECEPTS	20 A	1	0.18	0.00					1	20 A		EXISTING	38	--
	39	BIOLOGY 261	RECEPTS	20 A	1			0.72	0.54			1	20 A	RECEPTS	BIOLOGY 261 DEMO TABLE	40	
--	41	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	42	--

	A	B	C
TOTAL LOAD:	0.54 kVA	1.62 kVA	0.18 kVA
TOTAL AMPS:	5 A	14 A	2 A

TOTAL CONNECTED LOAD: 2.34 kVA | 2.34 kVA TOTAL DEMAND LOAD:
TOTAL CONNECTED AMPS: 14 A | 6 A TOTAL DEMAND AMPS:

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
C	CONTACTOR CONTROLLED	Receptacle - General	2340 VA	100.00%	2340 VA
G	GFCI PROTECTED	Power - Continuous	0 VA	0.00%	0 VA
P	HANDLE LOCKING DEVICE				
S	SHUNT TRIP				
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				
	FEED THROUGH LUGS (FTL)				
	SUB FEED LUGS (SFL)				

NOTES: 1. EXISTING PANELBOARD TO BE REUSED.

A2

BRANCH PANELBOARD SCHEDULE

DESIGNATION: K1 | VOLTS: 208Y/120 V | MAINS RATING: ~~[illegible]~~
LOCATION: Space 154RRR | PHASES: 3 | MAINS TYPE: MLO
MOUNTING: FLUSH | WIRES: 4
SUPPLY FROM: | AIC RATING: 10,000 AIC

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A		B		C		P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
--	1	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	2	--
--	3	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	4	--
--	5	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	6	--
--	7	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	8	--
--	9	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	10	--
--	11	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	12	--
--	13	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	14	--
--	15	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	16	--
--	17	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	18	--
--	19	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	20	--
--	21	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	22	--
--	23	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	24	--
	25	PHYSICS 208	RECEPTS	20 A	1	0.72	0.72					1	20 A	RECEPTS	PHYSICS 208	26	
	27	PHYSICS 208	RECEPTS	20 A	1			0.72	0.36			1	20 A	RECEPTS	PHYSICS 208	28	
	29	PHYSICS 208 DEMO TABLE	RECEPTS	20 A	1					0.18	0.36	1	20 A	RECEPTS	PHYSICS 208 DEMO TABLE	30	
--	31	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	32	--
--	33	EXISTING		20 A	1			0.00	0.18			1	20 A	RECEPTS	BIOLOGY 209	34	
	35	PREP ROOM 206	RECEPTS	20 A	1					0.36	0.36	1	20 A	RECEPTS	PREP ROOM 206	36	
	37	PHYSICS 204	RECEPTS	20 A	1	0.72	0.00					1	20 A		EXISTING	38	--
--	39	EXISTING		20 A	1			0.00	0.36			1	20 A	RECEPTS	BIOLOGY 209 DEMO TABLE	40	
--	41	EXISTING		20 A	1					0.00	0.18	1	20 A	RECEPTS	BIOLOGY 209 DEMO TABLE	42	
--	43	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	44	--
--	45	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	46	--
	47	PHYSICS 204 DEMO TABLE	RECEPTS	20 A	1					0.36	0.18	1	20 A	RECEPTS	PHYSICS 204 DEMO TABLE	48	
	49	PHYSICS 204	RECEPTS	20 A	1	0.72	0.00					1	20 A		EXISTING	50	--
	51	PHYSICS 204	RECEPTS	20 A	1			0.72	0.36			1	20 A	RECEPTS	PHYSICS 204	52	
--	53	EXISTING		20 A	1					0.00	0.36	1	20 A	RECEPTS	GEN SCIENCE 210 DEMO TABLE	54	
--	55	EXISTING		20 A	1	0.00	0.36					1	20 A	RECEPTS	GEN SCIENCE 210	56	
--	57	EXISTING		20 A	1			0.00	0.18			1	20 A	RECEPTS	GEN SCIENCE 210 DEMO TABLE	58	
	59	BIOLOGY 211	RECEPTS	20 A	1					1.08	1.08	1	20 A	RECEPTS	BIOLOGY 211	60	
	61	BIOLOGY 211	RECEPTS	20 A	1	0.18	0.36					1	20 A	RECEPTS	BIOLOGY 211 HOT PLATE	62	
	63	BIOLOGY 209	RECEPTS	20 A	1			0.90	0.72			1	20 A	RECEPTS	BIOLOGY 209 HOT PLATE	64	
	65	BIOLOGY 209 DEMO TABLE	RECEPTS	20 A	1					0.54	0.54	1	20 A	RECEPTS	BIOLOGY 209, 261	66	
--	67	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	68	--
--	69	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	70	--
--	71	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	72	--
--	73	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	74	--
--	75	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	76	--
--	77	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	78	--
--	79	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	80	--
--	81	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	82	--
--	83	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	84	--

	A	B	C
TOTAL LOAD:	3.78 kVA	4.50 kVA	5.58 kVA
TOTAL AMPS:	32 A	38 A	47 A

TOTAL CONNECTED LOAD: 13.86 kVA | 11.93 kVA TOTAL DEMAND LOAD:
TOTAL CONNECTED AMPS: 47 A | 33 A TOTAL DEMAND AMPS:

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
C	CONTACTOR CONTROLLED	Receptacle - General	13860 VA	86.08%	11930 VA
G	GFCI PROTECTED	Power - Continuous	0 VA	0.00%	0 VA
P	HANDLE LOCKING DEVICE				
S	SHUNT TRIP				
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				
	FEED THROUGH LUGS (FTL)				
	SUB FEED LUGS (SFL)				

NOTES: 1. EXISTING PANELBOARD TO BE REUSED.

A2

BRANCH PANELBOARD SCHEDULE

DESIGNATION: G1 | VOLTS: 208Y/120 V | MAINS RATING: ~~[illegible]~~
LOCATION: Space 154RRR | PHASES: 3 | MAINS TYPE: MLO
MOUNTING: FLUSH | WIRES: 4
SUPPLY FROM: | AIC RATING: 10,000 AIC

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A		B		C		P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
--	1	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	2	--
--	3	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	4	--
--	5	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	6	--
--	7	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	8	--
--	9	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	10	--
--	11	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	12	--
--	13	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	14	--
--	15	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	16	--
--	17	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	18	--
--	19	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	20	--
--	21	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	22	--
--	23	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	24	--
--	25	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	26	--
--	27	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	28	--
--	29	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	30	--
--	31	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	32	--
--	33	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	34	--
--	35	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	36	--
--	37	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	38	--
--	39	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	40	--
--	41	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	42	--
--	43	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	44	--
	45	GENERAL SCIENCE 214	RECEPTS	20 A	1			0.18	0.36			1	20 A	RECEPTS	GENERAL SCIENCE 214	46	
	47	GENERAL SCIENCE 214	RECEPTS	20 A	1					0.36	0.00	1	20 A		EXISTING	48	--
--	49	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	50	--
--	51	EXISTING		20 A	1			0.00	0.00			1	20 A		SPARE	52	--
	53	BIOLOGY 213	RECEPTS	20 A	1					0.90	0.72	1	20 A	POWER	PREP ROOM 212	54	
	55	BIOLOGY 213	RECEPTS	20 A	1	0.54	0.36					1	20 A	RECEPTS	PREP ROOM 212	56	
--	57	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	58	--
--	59	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	60	--
--	61	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	62	--
--	63	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	64	--
--	65	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	66	--
--	67	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	68	--
--	69	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	70	--
--	71	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	72	--
--	73	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	74	--
--	75	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	76	--
--	77	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	78	--
--	79	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	80	--
--	81	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	82	--
--	83	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	84	--

	A	B	C
TOTAL LOAD:	0.90 kVA	0.54 kVA	1.98 kVA
TOTAL AMPS:	8 A	5 A	17 A

TOTAL CONNECTED LOAD: 3.42 kVA | 3.42 kVA TOTAL DEMAND LOAD:
TOTAL CONNECTED AMPS: 17 A | 9 A TOTAL DEMAND AMPS:

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
C	CONTACTOR CONTROLLED	Receptacle - General	3420 VA	100.00%	3420 VA
G	GFCI PROTECTED	Power - Continuous	0 VA	0.00%	0 VA
P	HANDLE LOCKING DEVICE				
S	SHUNT TRIP				
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				
	FEED THROUGH LUGS (FTL)				
	SUB FEED LUGS (SFL)				

NOTES: 1. EXISTING PANELBOARD TO BE REUSED.

A2

BRANCH PANELBOARD SCHEDULE

DESIGNATION: L1 | VOLTS: 208Y/120 V | MAINS RATING: ~~[illegible]~~
LOCATION: Space 154RRR | PHASES: 3 | MAINS TYPE: MLO
MOUNTING: FLUSH | WIRES: 4
SUPPLY FROM: | AIC RATING: 10,000 AIC

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A		B		C		P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
--	1	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	2	--
--	3	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	4	--
--	5	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	6	--
--	7	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	8	--
--	9	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	10	--
--	11	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	12	--
--	13	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	14	--
	15	CHEMISTRY 200	RECEPTS	20 A	1			0.72	0.72			1	20 A	RECEPTS	CHEMISTRY 200	16	
	17	CHEMISTRY 200	RECEPTS	20 A	1					0.72	0.00	1	20 A		EXISTING	18	--
	19	CHEMISTRY 200 DEMO TABLE	RECEPTS	20 A	1	0.18	1.08					1	20 A	RECEPTS	PREP ROOM 201, CHEM 200, 261	20	
	21	CHEMISTRY 200 DEMO TABLE	RECEPTS	20 A	1			0.36	0.00			1	20 A		EXISTING	22	--
	23	PREP ROOM 201	RECEPTS	20 A	1					1.00	0.36	1	20 A	RECEPTS	CHEMISTRY 202 DEMO TABLE	24	
	25	CHEMISTRY 202 DEMO TABLE	RECEPTS	20 A	1	0.18	0.72					1	20 A	RECEPTS	CHEMISTRY 202	26	
	27	CHEMISTRY 202	RECEPTS	20 A	1			0.36	0.72			1	20 A	RECEPTS	CHMISTRY 202	28	
	29	CHEMISTRY 202	RECEPTS	20 A	1					0.72	0.10	2	20 A	MOTOR	CU-1	30	
--	31	EXISTING		20 A	1	0.00	0.10					--	--	--	--	32	--
--	33	EXISTING		20 A	1			0.00	0.54			1	20 A	RECEPTS	PREP ROOM 211A FUME HOOD	34	
	35	PREP ROOM 211A HOT PLATE	RECEPTS	20 A	1					0.54	0.68	1	20 A	RECEPTS	PREP ROOM 211A HOT PLATE	36	
--	37	EXISTING		20 A	1	0.00	0.72					1	20 A	RECEPTS	BIOLOGY 261	38	
--	39	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	40	--
--	41	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	42	--

	A	B	C
TOTAL LOAD:	2.98 kVA	3.42 kVA	4.12 kVA
TOTAL AMPS:	25 A	29 A	35 A

TOTAL CONNECTED LOAD: 10.53 kVA | 10.53 kVA TOTAL DEMAND LOAD:
TOTAL CONNECTED AMPS: 35 A | 29 A TOTAL DEMAND AMPS:

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
C	CONTACTOR CONTROLLED	Receptacle - General	8820 VA	100.00%	8820 VA
G	GFCI PROTECTED	Mechanical - Motor	208 VA	100.00%	208 VA
P	HANDLE LOCKING DEVICE	Power - Continuous	1500 VA	100.00%	1500 VA
S	SHUNT TRIP				
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				
	FEED THROUGH LUGS (FTL)				
	SUB FEED LUGS (SFL)				

NOTES: 1. EXISTING PANELBOARD TO BE REUSED.

A2

BRANCH PANELBOARD SCHEDULE

DESIGNATION: J | VOLTS: 208Y/120 V | MAINS RATING: ~~[illegible]~~
LOCATION: | PHASES: 3 | MAINS TYPE: MLO
MOUNTING: FLUSH | WIRES: 4
SUPPLY FROM: | AIC RATING: 10,000 AIC

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A		B		C		P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
--	1	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	2	--
--	3	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	4	--
--	5	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	6	--
--	7	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	8	--
--	9	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	10	--
--	11	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	12	--
--	13	EXISTING		20 A	1	0.00	0.00					1	20 A		EXISTING	14	--
--	15	EXISTING		20 A	1			0.00	0.00			1	20 A		EXISTING	16	--
--	17	EXISTING		20 A	1					0.00	0.00	1	20 A		EXISTING	18	--
	19	OFFICE 112	RECEPTS	20 A	1	0.72	0.29					1	20 A	POWER	EMERGENCY LIGHTING INVERTER	20	
	21	OFFICE 112	RECEPTS	20 A	1			0.72	1.00			1	20 A	MOTOR	OFFICE 112 ADO	22	
	23	OFFICE 112	RECEPTS	20 A	1					0.72	0.72	1	20 A	RECEPTS	OFFICE 112	24	
	25	OFFICE 112	RECEPTS	20 A	1	1.74	0.54					1	20 A	RECEPTS	OFFICE 112	26	
	27	OFFICE 112	RECEPTS	20 A	1			0.72	1.08			1	20 A	RECEPTS	OFFICE 112	28	
--	29	SPARE		20 A	1					0.00	0.00	1	20 A		SPARE	30	--

	A	B	C
TOTAL LOAD:	3.29 kVA	3.52 kVA	1.44 kVA
TOTAL AMPS:	30 A	32 A	12 A

TOTAL CONNECTED LOAD: 8.25 kVA | 8.25 kVA TOTAL DEMAND LOAD:
TOTAL CONNECTED AMPS: 32 A | 23 A TOTAL DEMAND AMPS:

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
C	CONTACTOR CONTROLLED	Receptacle - General	6960 VA	100.00%	6960 VA
G	GFCI PROTECTED	Power - Continuous	1288 VA	100.00%	1288 VA
P	HANDLE LOCKING DEVICE				
S	SHUNT TRIP				
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				
	FEED THROUGH LUGS (FTL)				
	SUB FEED LUGS (SFL)				

NOTES: 1. NEW PANELBOARD.

A2

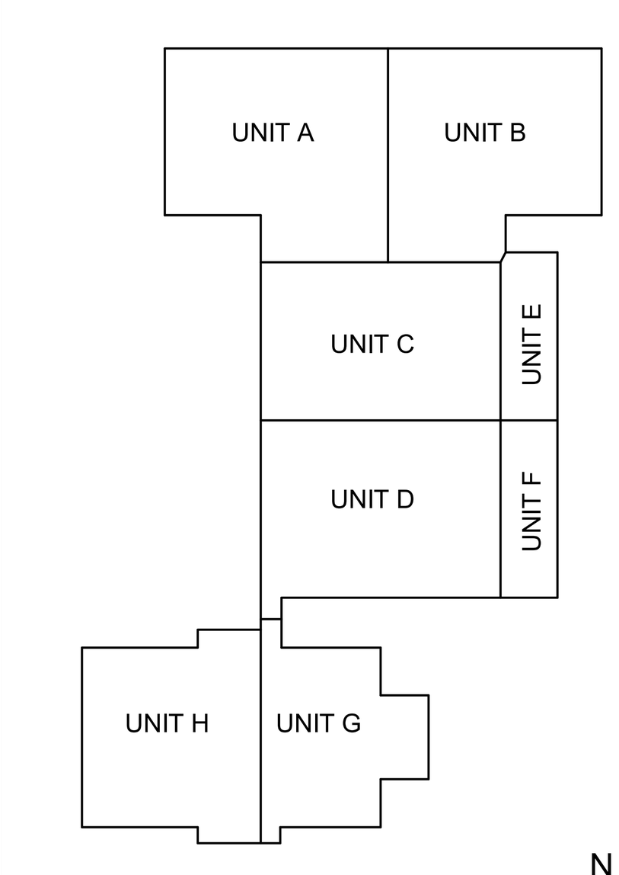
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2020-153.MHS
Project Date 07.26.2021
Produced JH GL

SARAH KATHLEEN HEMPSTEAD REGISTERED ARCHITECT No. AR10400134 STATE OF INDIANA

#	Revision	Date
A1	Addendum 1	08.11.2021
A2	Addendum 2	08.18.2021

6915 Grand Avenue
Hammond, IN 46323



KEY PLAN

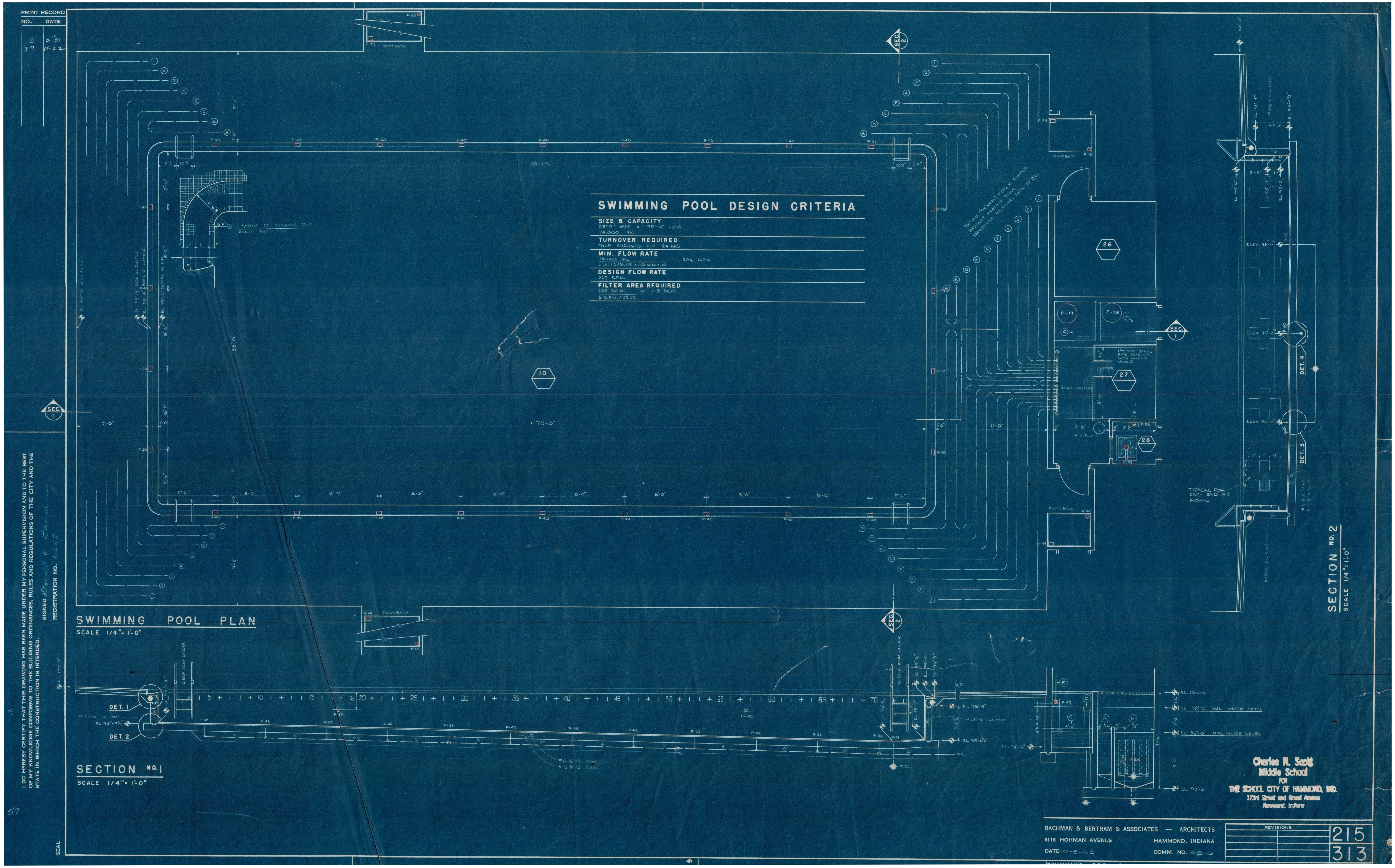
School City of Hammond

School City of Hammond

Morton High School - Renovations and Addition

PANELBOARD SCHEDULES

E-603



PRINT RECORD
NO. DATE
SWIMMING POOL DESIGN CRITERIA
SIZE & CAPACITY
35'-0" WIDE x 75'-0" LONG
74,000 GAL.
TURNOVER REQUIRED
FOUR CHANGES PER 24 HRS.
MIN. FLOW RATE
74,000 GAL. / 6 HR. / CHANGE x 60 MIN. / HR. = 206 G.P.M.
DESIGN FLOW RATE
225 G.P.M.
FILTER AREA REQUIRED
225 G.P.M. / 2 G.P.M. / SQ. FT. = 113 SQ. FT.
SWIMMING POOL PLAN
SCALE 1/4" = 1'-0"
SECTION NO. 1
SCALE 1/4" = 1'-0"
SECTION NO. 2
SCALE 1/4" = 1'-0"
DET. 1
DET. 2
DET. 3
DET. 4
EL. 100'-0"
EL. 98'-6" MAX. WATER LEVEL
EL. 96'-0" MIN. WATER LEVEL
EL. 90'-6"
EL. 94'-6"
I DO HEREBY CERTIFY THAT THIS DRAWING HAS BEEN MADE UNDER MY PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE CONFORMS TO THE BUILDING ORDINANCES, RULES AND REGULATIONS OF THE CITY AND THE STATE IN WHICH THE CONSTRUCTION IS INTENDED.
SIGNED
REGISTRATION NO.
SEAL
Charles R. Scott
Middle School
FOR
THE SCHOOL CITY OF HAMMOND, IND.
173rd Street and Grand Avenue
Hammond, Indiana
BACHMAN & BERTRAM & ASSOCIATES — ARCHITECTS
5116 HOHMAN AVENUE HAMMOND, INDIANA
DATE 10-31-68 COMM. NO. 6810
REVISIONS
215
313

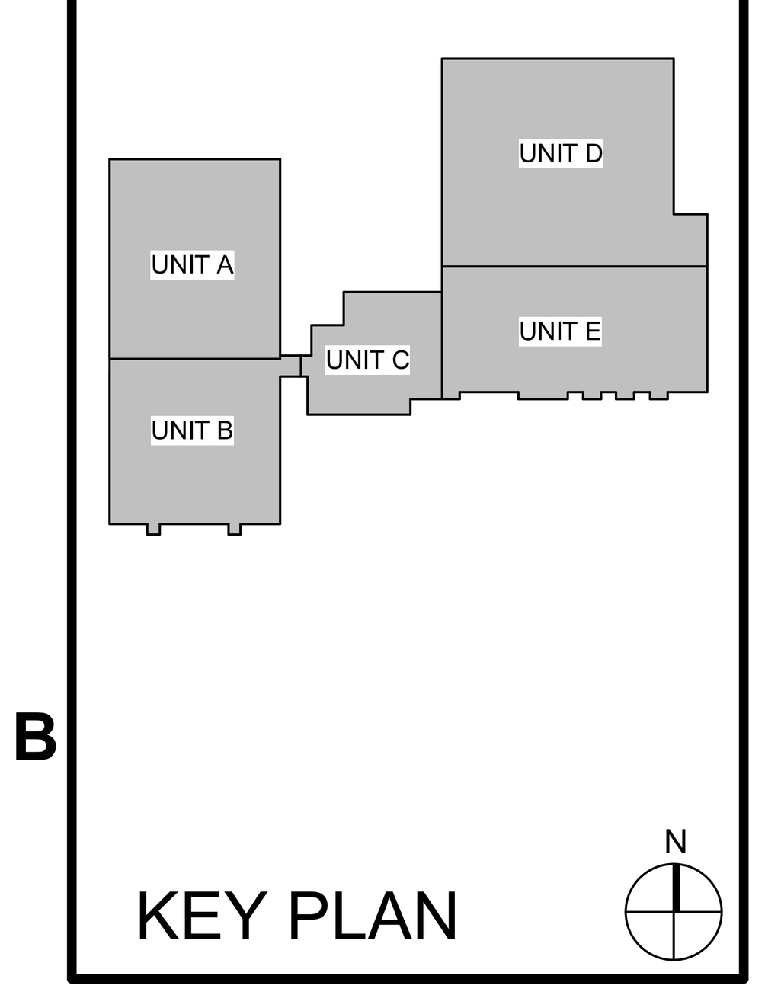
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2020-154.SMS
Project Date 07.26.2021
Produced TYN

FOR REFERENCE - NOT FOR CONSTRUCTION

#	Revision	Date
A2	Revision 2	8/18/2021

3635 173rd Street
Hammond, IN 46323



KEY PLAN

School City of Hammond

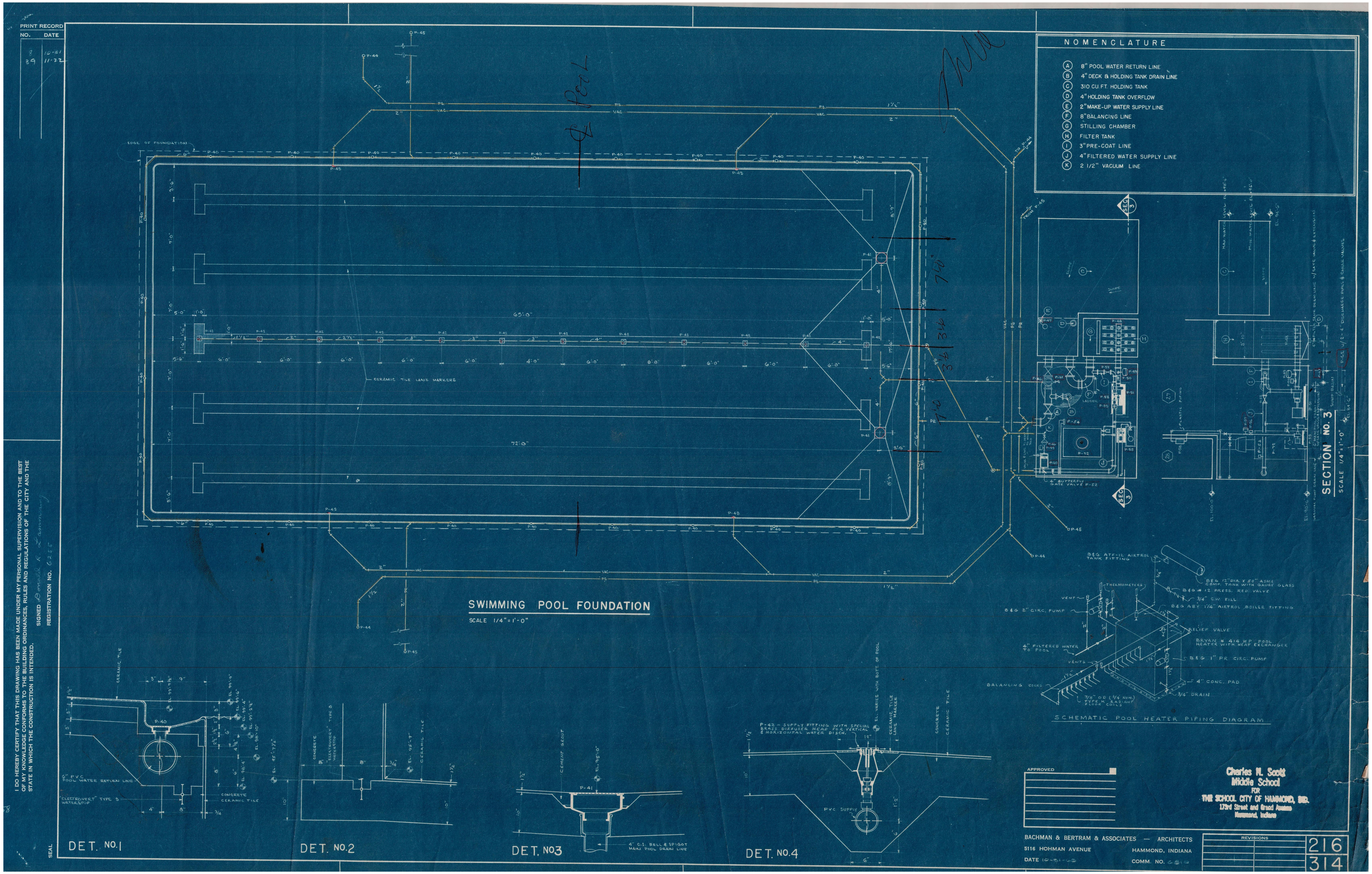
School City of Hammond

Scott Middle School - Renovations

EXISTING 1968 POOL DRAWINGS

G-003

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY.


PRINT RECORD
NO. DATE
NOMENCLATURE
(A) 8" POOL WATER RETURN LINE
(B) 4" DECK & HOLDING TANK DRAIN LINE
(C) 310 CU.FT. HOLDING TANK
(D) 4" HOLDING TANK OVERFLOW
(E) 2" MAKE-UP WATER SUPPLY LINE
(F) 8" BALANCING LINE
(G) STILLING CHAMBER
(H) FILTER TANK
(I) 3" PRE-COAT LINE
(J) 4" FILTERED WATER SUPPLY LINE
(K) 2 1/2" VACUUM LINE
SWIMMING POOL FOUNDATION
SCALE 1/4"=1'-0"
SECTION NO. 3
SCALE 1/4"=1'-0"
SCHEMATIC POOL HEATER PIPING DIAGRAM
I DO HEREBY CERTIFY THAT THIS DRAWING HAS BEEN MADE UNDER MY PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE CONFORMS TO THE BUILDING ORDINANCES, RULES AND REGULATIONS OF THE CITY AND THE STATE IN WHICH THE CONSTRUCTION IS INTENDED.
SIGNED
REGISTRATION NO.
SEAL
DET. NO.1
DET. NO.2
DET. NO3
DET. NO.4
APPROVED
Charles N. Scott
Middle School
FOR
THE SCHOOL CITY OF HAMMOND, IND.
173rd Street and Grand Avenue
Hammond, Indiana
BACHMAN & BERTRAM & ASSOCIATES — ARCHITECTS
5116 HOHMAN AVENUE
HAMMOND, INDIANA
REVISIONS
216
314

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415 Massachusetts Avenue
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Project No. 2020-154.SMS
Project Date 07.26.2021
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FOR REFERENCE NOT FOR CONSTRUCTION

#	Revision	Date
A2	Revision 2	8/18/2021

3635 173rd Street
Hammond, IN 46323

KEY PLAN

UNIT A, UNIT B, UNIT C, UNIT D, UNIT E

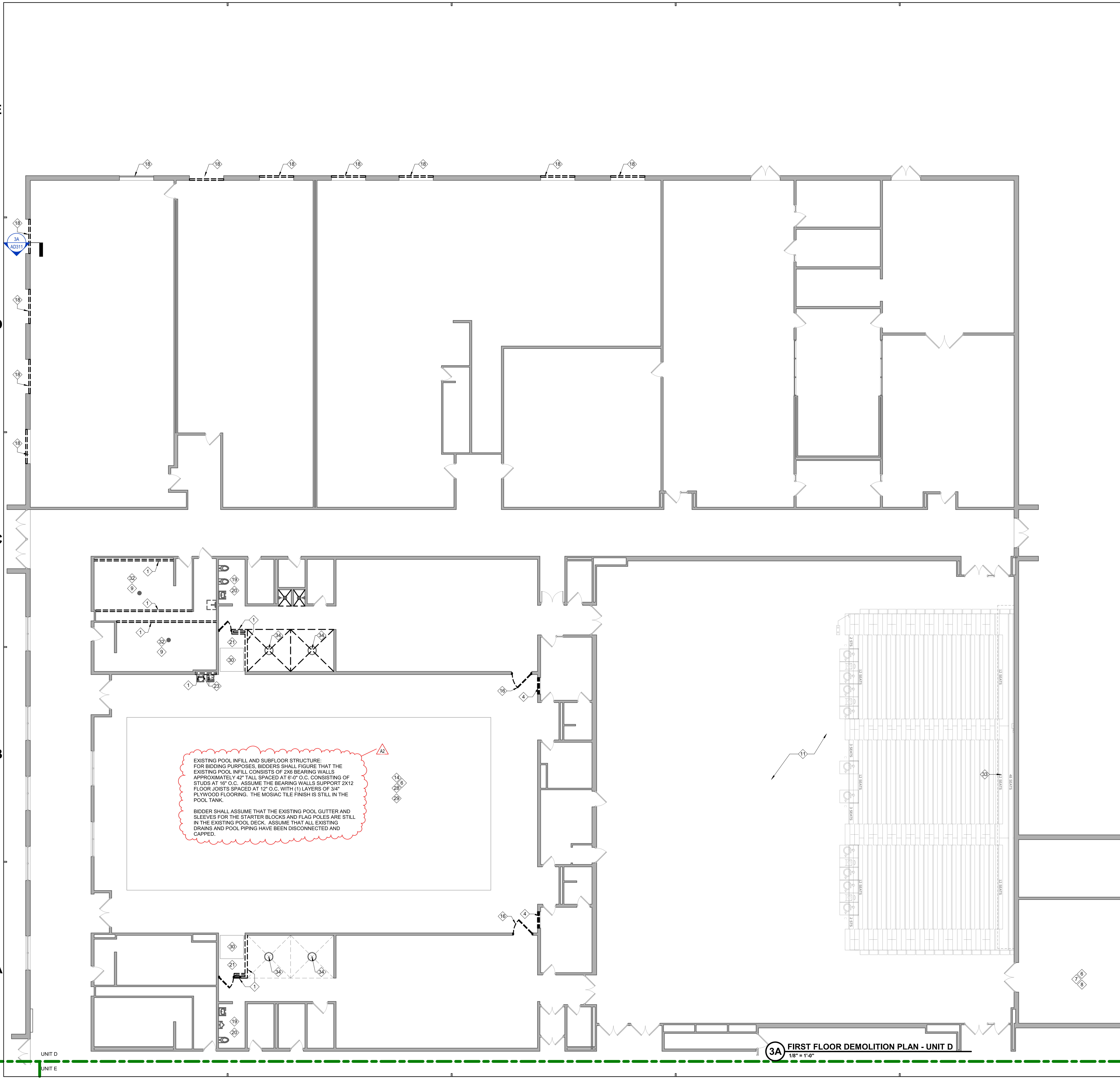
School City of Hammond

School City of Hammond

Scott Middle School - Renovations

EXISTING 1968 POOL DRAWINGS

G-004



3A FIRST FLOOR DEMOLITION PLAN - UNIT D
1/8" = 1'-0"

DEMOLITION FLOOR PLAN NOTES

#	NOTE
1	REMOVE EXISTING INTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO DOORS, FRAMES, DEVICES AND ALL MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION PRIOR TO DEMOLITION. REFER TO ARCHITECTURAL AND INTERIOR FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSING WHERE APPLICABLE. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
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6	PREP ALL EXISTING WALL SURFACES FOR NEW FINISH. SEE I-SERIES DRAWINGS FOR NEW CONSTRUCTION/FINISH.
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9	REMOVE EXISTING CERAMIC TILE FLOORING IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CERAMIC TILE, GROUT, ADHESIVE AND RELATED WALL BASE. PATCH AND REPAIR EXISTING FLOOR SLAB AND WALL SURFACE FOR NEW CONSTRUCTION/FINISH.
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18	REMOVE EXISTING CURTAIN WALL SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, FRAMING, SEALANTS, HARDWARE, BLINDS AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
19	REMOVE EXISTING TOILET PARTIONS AND URINAL PARTITIONS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
20	REMOVE EXISTING TOILETS, SINKS, URINALS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO TOILET PAPER DISPENSERS, GRAB BARS, MIRRORS AND SOAP DISPENSERS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
21	REMOVE EXISTING GYP./PLASTER CEILING SYSTEM IN ITS ENTIRETY. PREP EXISTING SURFACES TO REMAIN FOR NEW CONSTRUCTION/CEILING SYSTEM.
22	STING WASHFOUNTAIN IN ITS ENTIRETY. PREP EXISTING WALL SURFACE TO REMAIN FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DWGS.
23	REMOVE EXISTING DRINKING FOUNTAIN(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DRINKING FOUNTAIN, SEALANTS, PIPING, POWER AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING WALL TO REMAIN, PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS.
24	REMOVE EXISTING CASEWORK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO WALL CABINETS, BASE CABINETS, COUNTERTOPS, FILL PANELS, SINKS AND ALL RELATED TRIMS. PATCH AND REPAIR ALL EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
25	REMOVE EXISTING METAL LOCKERS FOR RELOCATION. CONTRACTOR SHALL REMOVE EXISTING METAL LOCKER BANK WITH CARE AND PREP LOCKERS FOR REINSTALLATION.
26	REMOVE EXISTING WALL MOUNTED TACK BOARDS, MARKERBOARDS, CHALKBOARDS ADHESIVES, BRACKETS, ANCHORS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE A-SERIES AND I-SERIES DRAWINGS.
27	REMOVE ALL EXISTING AUDITORIUM SEATS IN ITS ENTIRETY. PATCH EXISTING FLOOR AS REQUIRED AND PREP FOR NEW CONSTRUCTION.
28	REMOVE EXISTING WOOD SUBFLOOR AND SLEEPER SUPPORT SYSTEM IN ITS ENTIRETY DOWN TO THE EXISTING TILED POOL DECK AND POOL TANK. REMOVE THE EXISTING POOL DECK TILE AND THICKSET MORTAR BED DOWN TO THE EXISTING CONCRETE FLOOR SLAB AND PREP FOR NEW CONSTRUCTION.
29	REMOVE ALL EXISTING POOL EQUIPMENT INCLUDING BUT NOT LIMITED TO THE STAINLESS STEEL POOL GUTTER, EQUIPMENT INSERTS/SLEEVES. CORE-DRILL HOLES AT BOTTOM OF EXISTING POOL SLABS. REFER TO S-SERIES DWGS.
30	REMOVE ALL EXISTING TILE AND GROUT DOWN TO THE EXISTING CONCRETE FLOOR SLAB. PREP CONCRETE SLAB FOR NEW INFILL.
31	REMOVE EXISTING WALL AS REQUIRED FOR INSTALLATION OF NEW TRANSACTION WINDOW. SEE FLOOR PLANS.
32	REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, SUSPENDED FRAMING AND ALL RELATED ANCHORS/FASTENERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
33	REMOVE EXISTING MOTORIZED TELESCOPING GYMNASIUM BLEACHER SYSTEM IN ITS ENTIRETY. DISCONNECT ALL EXISTING POWER AS REQUIRED. PREP EXISTING WALL SURFACES TO REMAIN FOR NEW CONSTRUCTION/FINISH.
34	REMOVE EXISTING SHOWER COLUMN IN ITS ENTIRETY, SEE P-SERIES DWGS. PATCH EXISTING FLOOR TO MATCH ADJACENT FLOOR.
35	REMOVE EXISTING EXTERIOR WALLS CONSTRUCTION TO 8" BELOW FINISH FLOOR IN ITS ENTIRETY TO ACCOMMODATE NEW DOOR SYSTEM. SEE FLOOR PLAN FOR NEW WORK.
36	REMOVE EXISTING EXISTING TERRAZZO FLOORING AND CONCRETE FLOOR SLAB FOR PLUMBING. SEE P-SERIES DWGS FOR FINAL LOCATION AND SIZE.

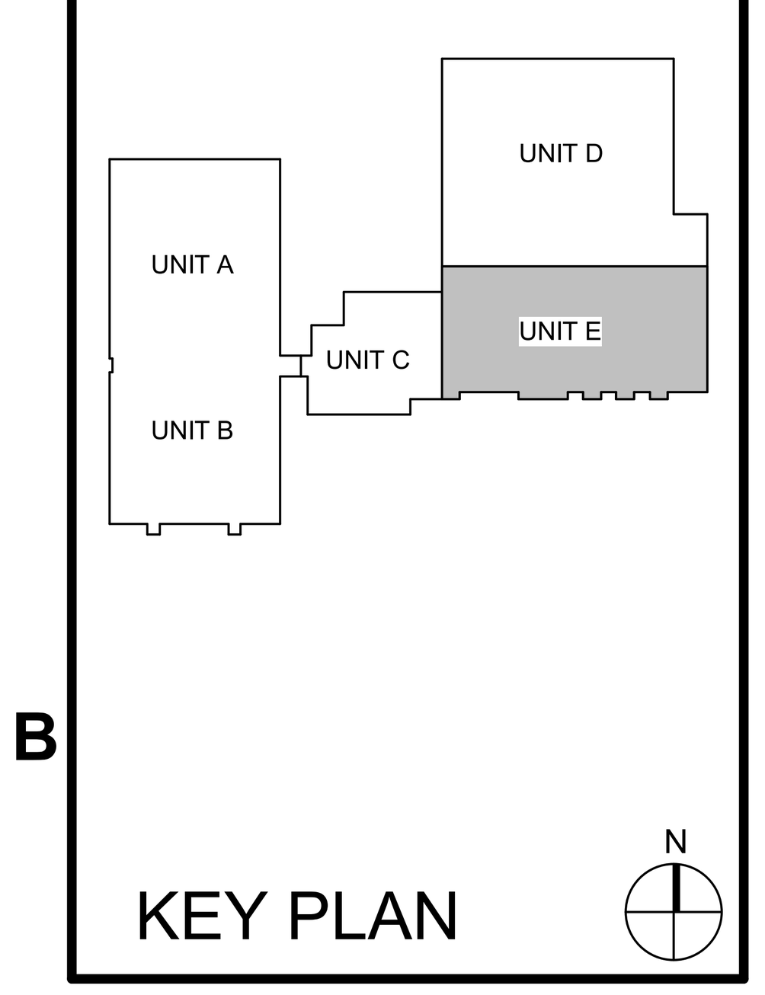
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2020-154.SMS
Project Date 07.26.2021
Produced TYN

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A2	Revision 2	8/18/2021

3635 173rd Street
Hammond, IN 46323



KEY PLAN

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR DEMOLITION PLAN - UNIT D

AD1D1

FLOOR PLAN NOTES

#	Note
1	ALIGN FACE OF NEW WALL/INFILL WITH ADJACENT WALL FACE.
2	INFILL OPENING WITH WALL CONSTRUCTION TO MATCH SURROUNDING/ADJACENT WALL CONSTRUCTION. VERIFY EXISTING WALL CONDITIONS/CONSTRUCTION AND DIMENSIONS IN THE FIELD. ALIGN THE FACE OF THE NEW INFILL WALL WITH THE ADJACENT EXISTING WALL FACE.
3	ACCESS CARD READER. REFERENCE T-SERIES DRAWINGS.
4	RELOCATED PA SYSTEM CABINET. SEE T-SERIES DRAWINGS.
5	084113 – PROVIDE STOREFRONT SYSTEM INTO EXISTING WALL OPENING. VERIFY DIMENSIONS AND EXISTING WALL CONDITONS IN THE FIELD.
6	096466 – WOOD ATHLETIC FLOORING SYSTEM. REFERENCE I-SERIES DWGS FOR COURT STRIPING LOCAITON AND COLORS.
7	102123 – CUBICLE CURTAINS AND TRACK SYSTEM.
8	126600 – TELESCOPING BLEACHER SYSTEM.
9	099123 - CLEAN, PREP AND REPAINT EXISTING METAL LOCKER WITH ELECTROSTATIC PAINT SYSTEM.
10	PROVIDE AUDITORIUM SEATING AND FLOOR FINISH. SEE I-SERIES DWGS.
11	EXTEND EXISTING WALL TO DECK. SEE 1D/A-320.
12	085653 - SECURITY SLIDING GLASS WINDOW W1. SEE FRAME ELEVATION ON SHEET A-600.
13	INSTALL SALVAGED LOCKERS TO THIS LOCATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING WALL CONDITIONS IN THE FIELD.
14	092900 – PREP EXISTING CMU WALL AND ADHERE TILE BACKER PANEL TO EXISTING WALL FROM CEILING TO FLOOR. PREP TILE BACKER PANEL FOR NEW TILE FINISH. REFERENCE I-SERIES DWGS.
15	096623 - REPAIR EXISTING CONCRETE SLAB AND TERRAZZO FLOORING. SEE P-SERIES DWGS AND I-SERIES DWGS.
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17	CLEAN, PREP, PRIME AND PAINT EXISTING/NEW STRUCTURAL GLAZE TILE WALL SURFACE TO LIMITS INDICATED (FLOOR TO CEILING).

2A FIRST FLOOR PLAN - UNIT B
1/8" = 1'-0"

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REGISTERED ARCHITECT
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STATE OF INDIANA

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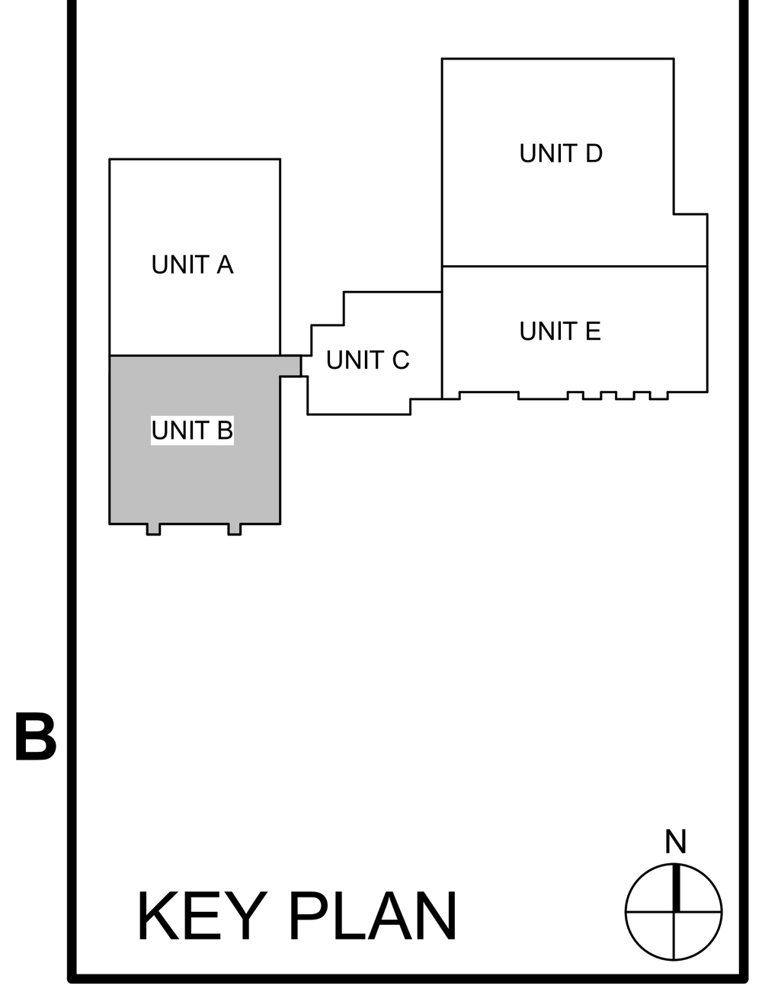

KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR PLAN - UNIT B

AF1B1

FLOOR PLAN NOTES

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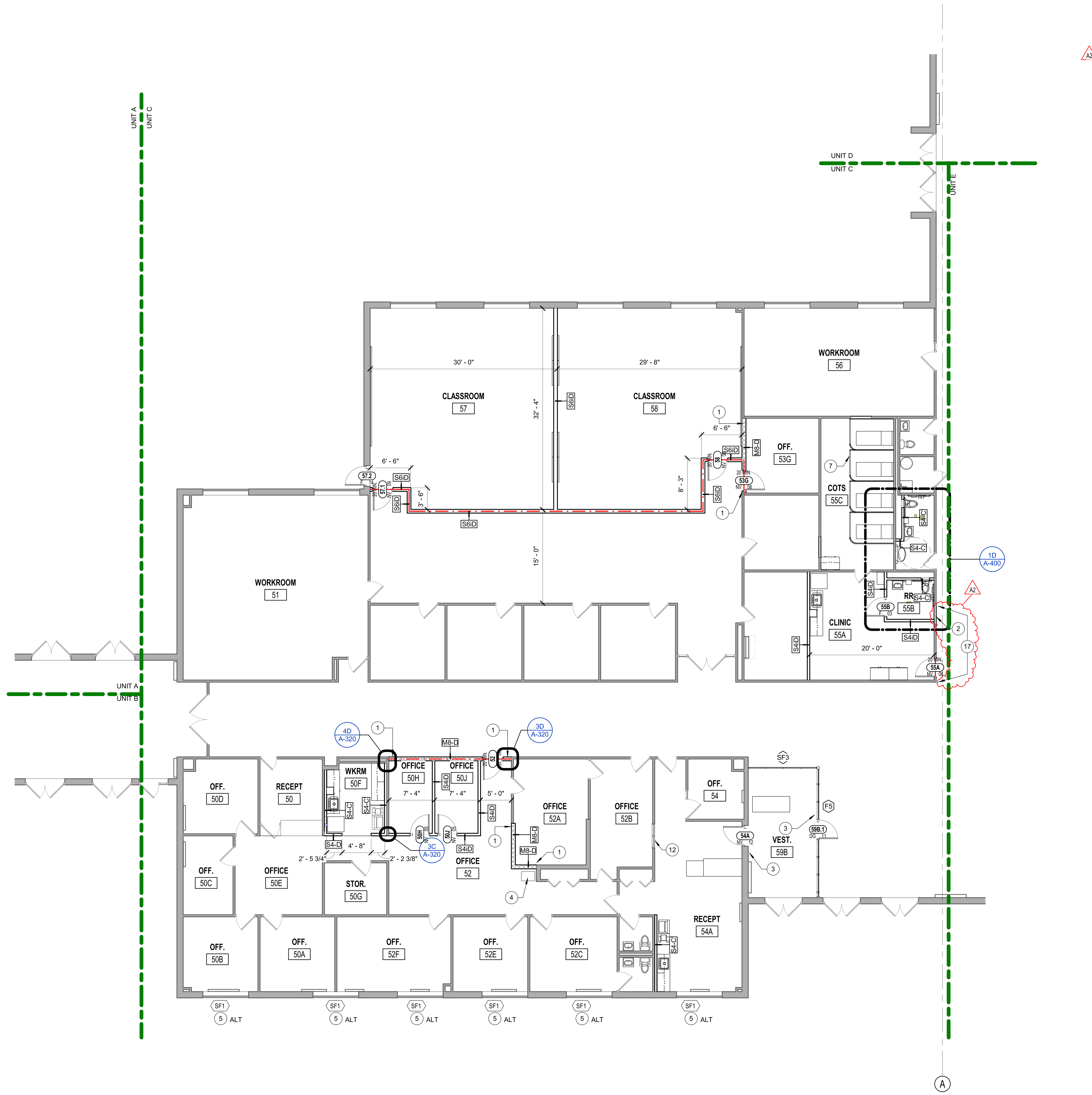
A2



2A FIRST FLOOR PLAN - UNIT C
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KEY PLAN
UNIT A, UNIT B, UNIT C, UNIT D, UNIT E

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR PLAN - UNIT C

AF1C1

FLOOR PLAN NOTES

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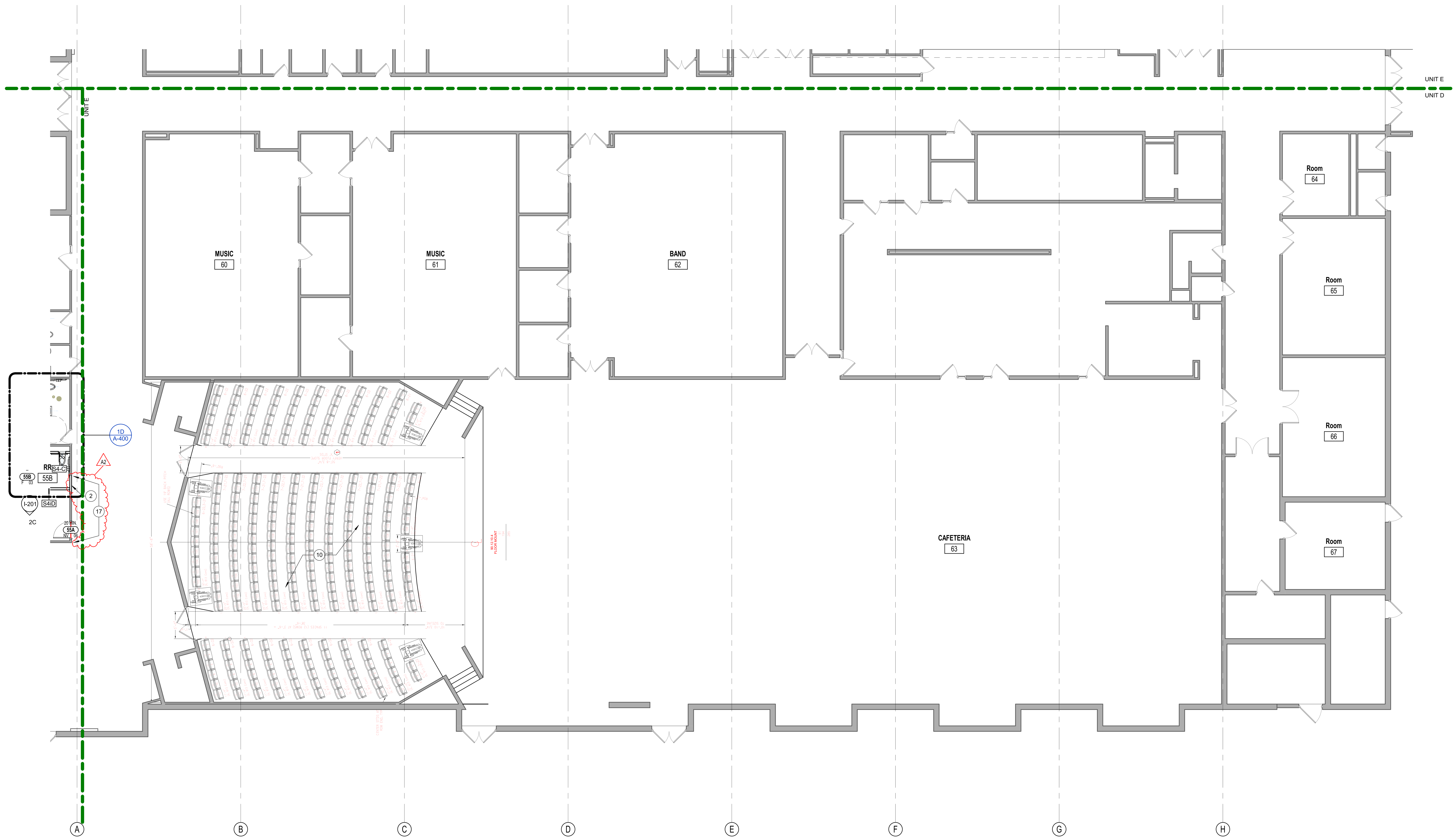

2A FIRST FLOOR PLAN - UNIT E
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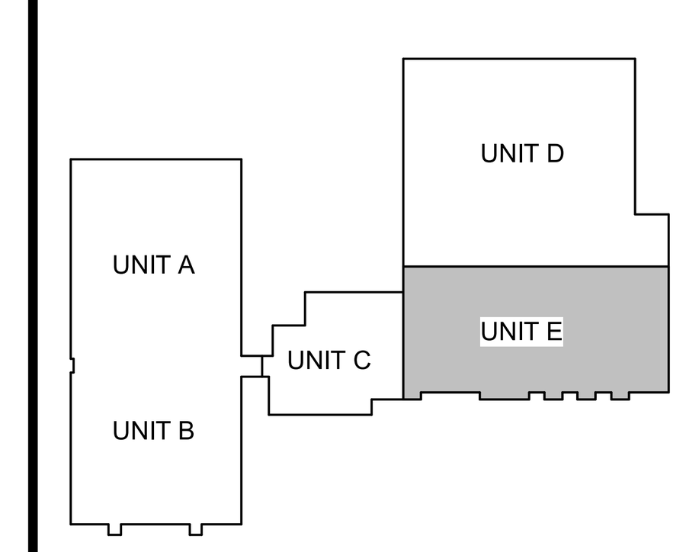

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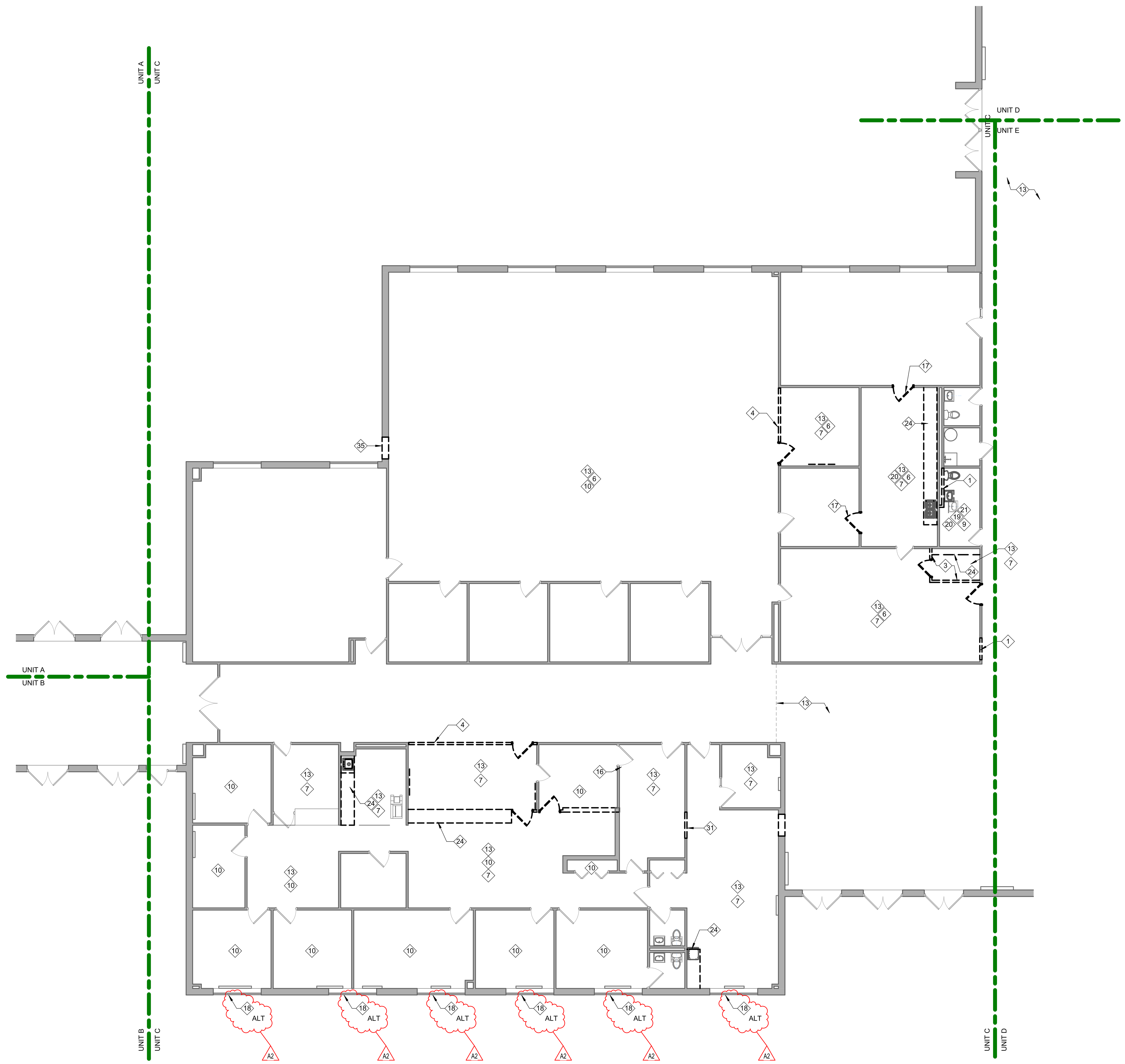
Scott Middle School - Renovations

FIRST FLOOR PLAN - UNIT E

AF1E1



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14	REMOVE EXISTING SUSPENDED METAL ACOUSTICAL CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE METAL CEILING PANELS, GRIDS, INSULATION, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
15	REMOVE EXISTING DOOR AND ALL RELATED HARDWARE. PROTECT EXISTING DOOR FRAME TO REMAIN. PREP EXISTING DOOR FRAME FOR NEW CONSTRUCTION.
16	REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DOOR, FRAME, SIDELIGHTS, GLAZING, HARDWARE AND ALL RELATED ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION/FINISH.
17	REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DOOR, FRAME, SIDELIGHTS, TRANSOM, GLAZING, HARDWARE AND ALL RELATED ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION/FINISH.
18	REMOVE EXISTING CURTAIN WALL SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, FRAMING, SEALANTS, HARDWARE, BLINDS AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
19	REMOVE EXISTING TOILET PARTIONS AND URINAL PARTITIONS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
20	REMOVE EXISTING TOILETS, SINKS, URINALS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO TOILET PAPER DISPENSERS, GRAB BARS, MIRRORS AND SOAP DISPENSERS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
21	REMOVE EXISTING GYP./PLASTER CEILING SYSTEM IN ITS ENTIRETY. PREP EXISTING SURFACES TO REMAIN FOR NEW CONSTRUCTION/CEILING SYSTEM.
22	STING WASHFOUNTAIN IN ITS ENTIRETY. PREP EXISTING WALL SURFACE TO REMAIN FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DWGS.
23	REMOVE EXISTING DRINKING FOUNTAIN(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DRINKING FOUNTAIN, SEALANTS, PIPING, POWER AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING WALL TO REMAIN, PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS.
24	REMOVE EXISTING CASEWORK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO WALL CABINETS, BASE CABINETS, COUNTERTOPS, FILL PANELS, SINKS AND ALL RELATED TRIMS. PATCH AND REPAIR ALL EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
25	REMOVE EXISTING METAL LOCKERS FOR RELOCATION. CONTRACTOR SHALL REMOVE EXISTING METAL LOCKER BANK WITH CARE AND PREP LOCKERS FOR REINSTALLATION.
26	REMOVE EXISTING WALL MOUNTED TACK BOARDS, MARKERBOARDS, CHALKBOARDS ADHESIVES, BRACKETS, ANCHORS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE A-SERIES AND I-SERIES DRAWINGS.
27	REMOVE ALL EXISTING AUDITORIUM SEATS IN ITS ENTIRETY. PATCH EXISTING FLOOR AS REQUIRED AND PREP FOR NEW CONSTRUCTION.
28	REMOVE EXISTING WOOD SUBFLOOR AND SLEEPER SUPPORT SYSTEM IN ITS ENTIRETY DOWN TO THE EXISTING TILED POOL DECK AND POOL TANK. REMOVE THE EXISTING POOL DECK TILE AND THICKSET MORTAR BED DOWN TO THE EXISTING CONCRETE FLOOR SLAB AND PREP FOR NEW CONSTRUCTION.
29	REMOVE ALL EXISTING POOL EQUIPMENT INCLUDING BUT NOT LIMITED TO THE STAINLESS STEEL POOL GUTTER, EQUIPMENT INSERTS/SLEEVES. CORE-DRILL HOLES AT BOTTOM OF EXISTING POOL SLABS. REFER TO S-SERIES DWGS.
30	REMOVE ALL EXISTING TILE AND GROUT DOWN TO THE EXISTING CONCRETE FLOOR SLAB. PREP CONCRETE SLAB FOR NEW INFILL.
31	REMOVE EXISTING WALL AS REQUIRED FOR INSTALLATION OF NEW TRANSACTION WINDOW. SEE FLOOR PLANS.
32	REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, SUSPENDED FRAMING AND ALL RELATED ANCHORS/FASTENERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
33	REMOVE EXISTING MOTORIZED TELESCOPING GYMNASIUM BLEACHER SYSTEM IN ITS ENTIRETY. DISCONNECT ALL EXISTING POWER AS REQUIRED. PREP EXISTING WALL SURFACES TO REMAIN FOR NEW CONSTRUCTION/FINISH.
34	REMOVE EXISTING SHOWER COLUMN IN ITS ENTIRETY, SEE P-SERIES DWGS. PATCH EXISTING FLOOR TO MATCH ADJACENT FLOOR.
35	REMOVE EXISTING EXTERIOR WALLS CONSTRUCTION TO 8" BELOW FINISH FLOOR IN ITS ENTIRETY TO ACCOMMODATE NEW DOOR SYSTEM. SEE FLOOR PLAN FOR NEW WORK.
36	REMOVE EXISTING EXISTING TERRAZZO FLOORING AND CONCRETE FLOOR SLAB FOR PLUMBING. SEE P-SERIES DWGS FOR FINAL LOCATION AND SIZE.

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#	Revision	Date
A2	Revision 2	8/18/2021

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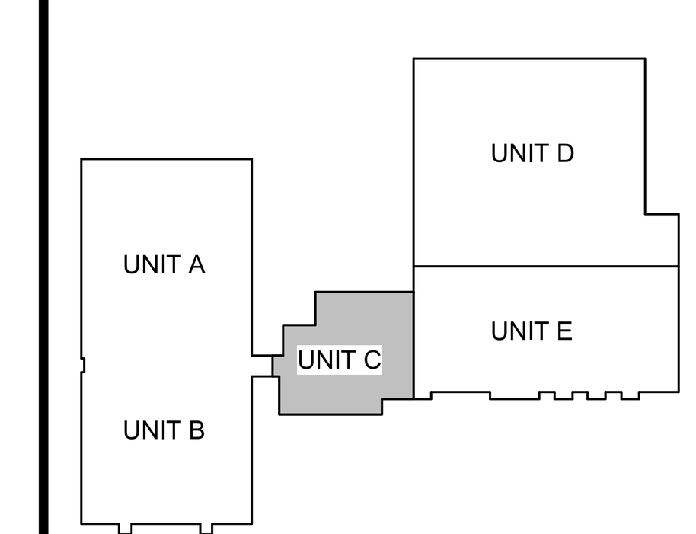


KEY PLAN

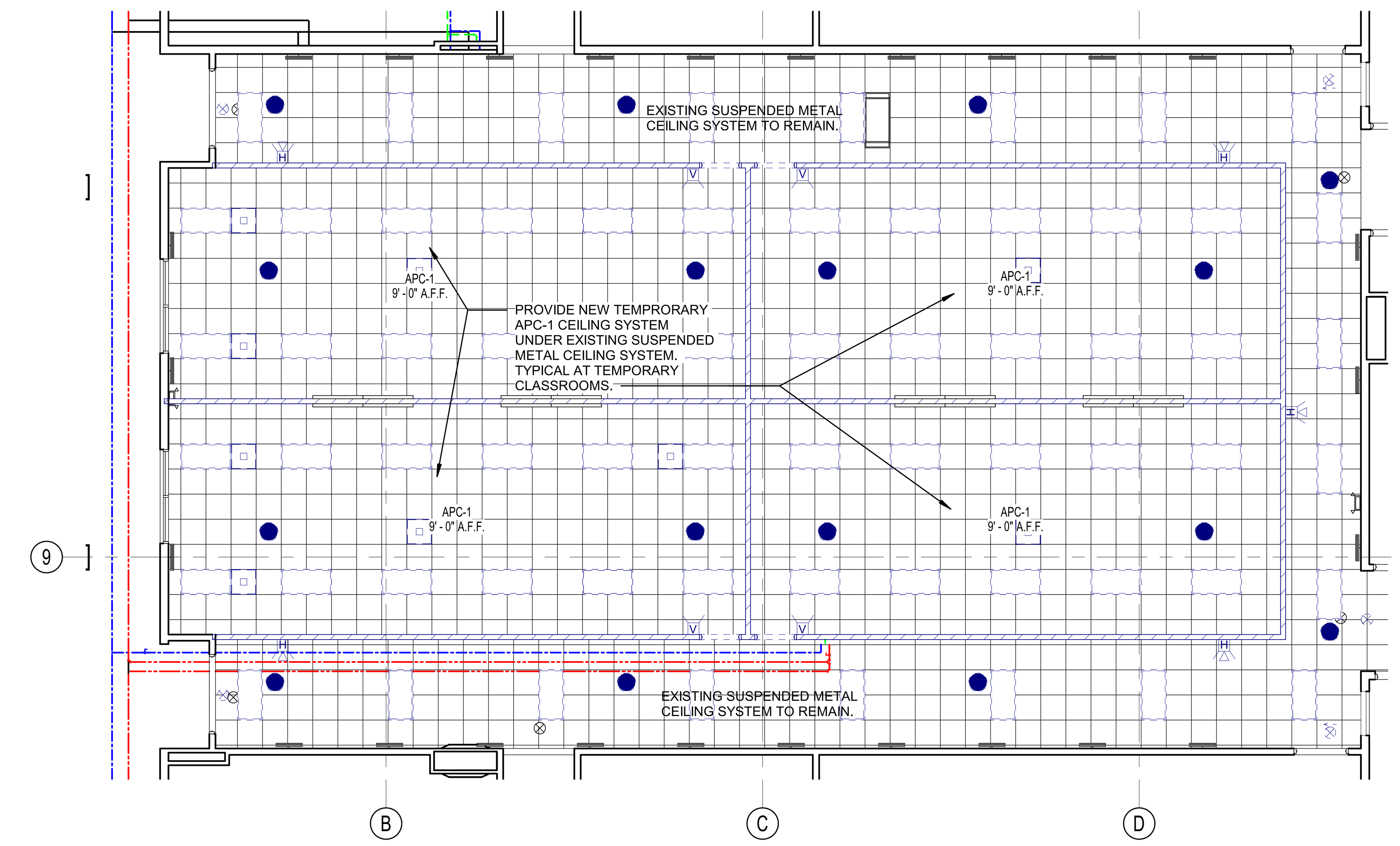
School City of Hammond

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR DEMOLITION PLAN - UNIT C

AD1C1



1C TEMPORARY CLASSROOM CEILING PLAN

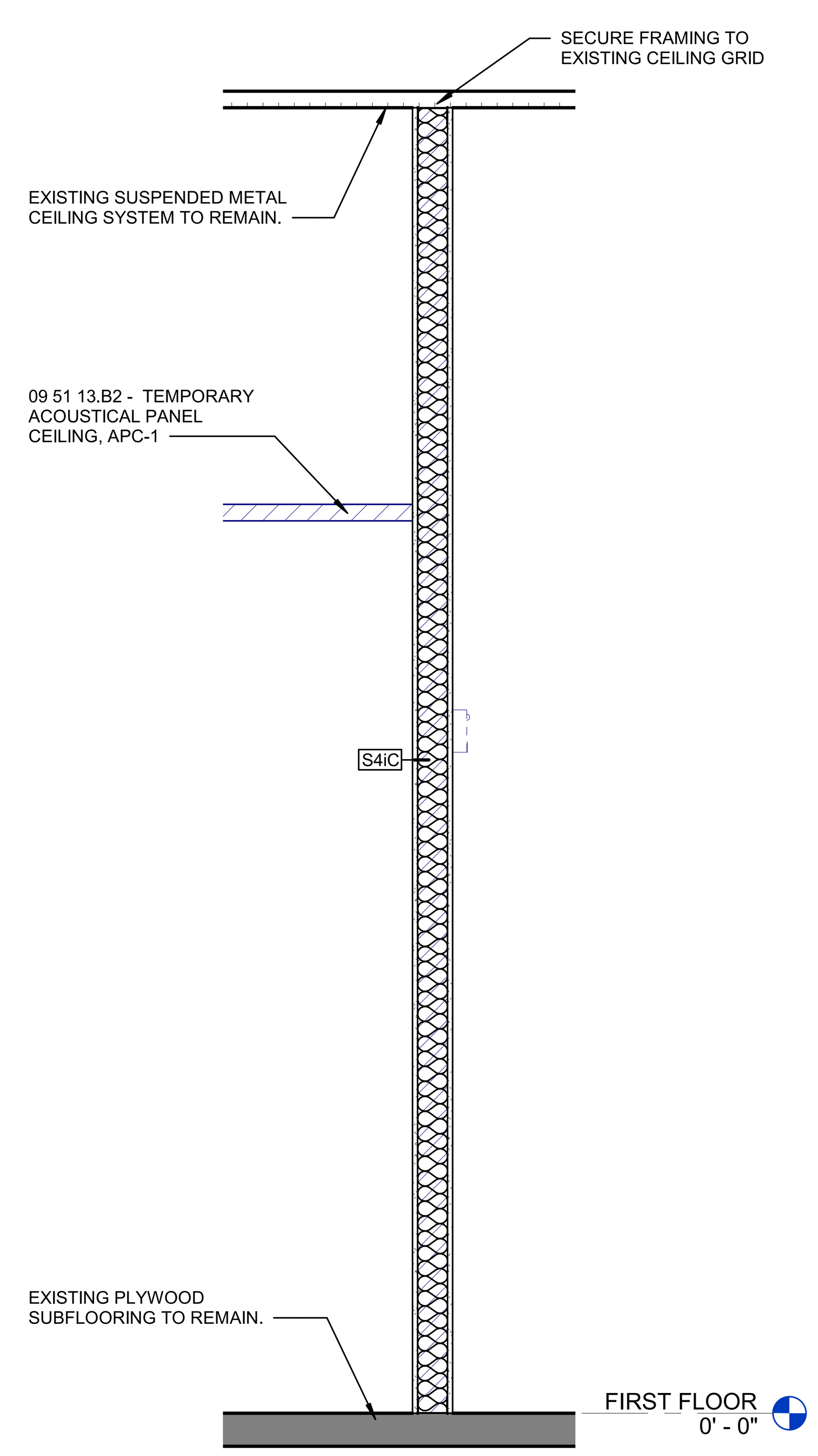
1/8" = 1'-0"

TEMPORARY CLASSROOM GENERAL NOTES:

1. DOOR HARDWARE SET FOR TEMPORARY CLASSROOM DOORS
   HARDWARE GROUP NO.
   FOR USE ON DOOR #(S):
   T-01, T-02, T-03, T-04

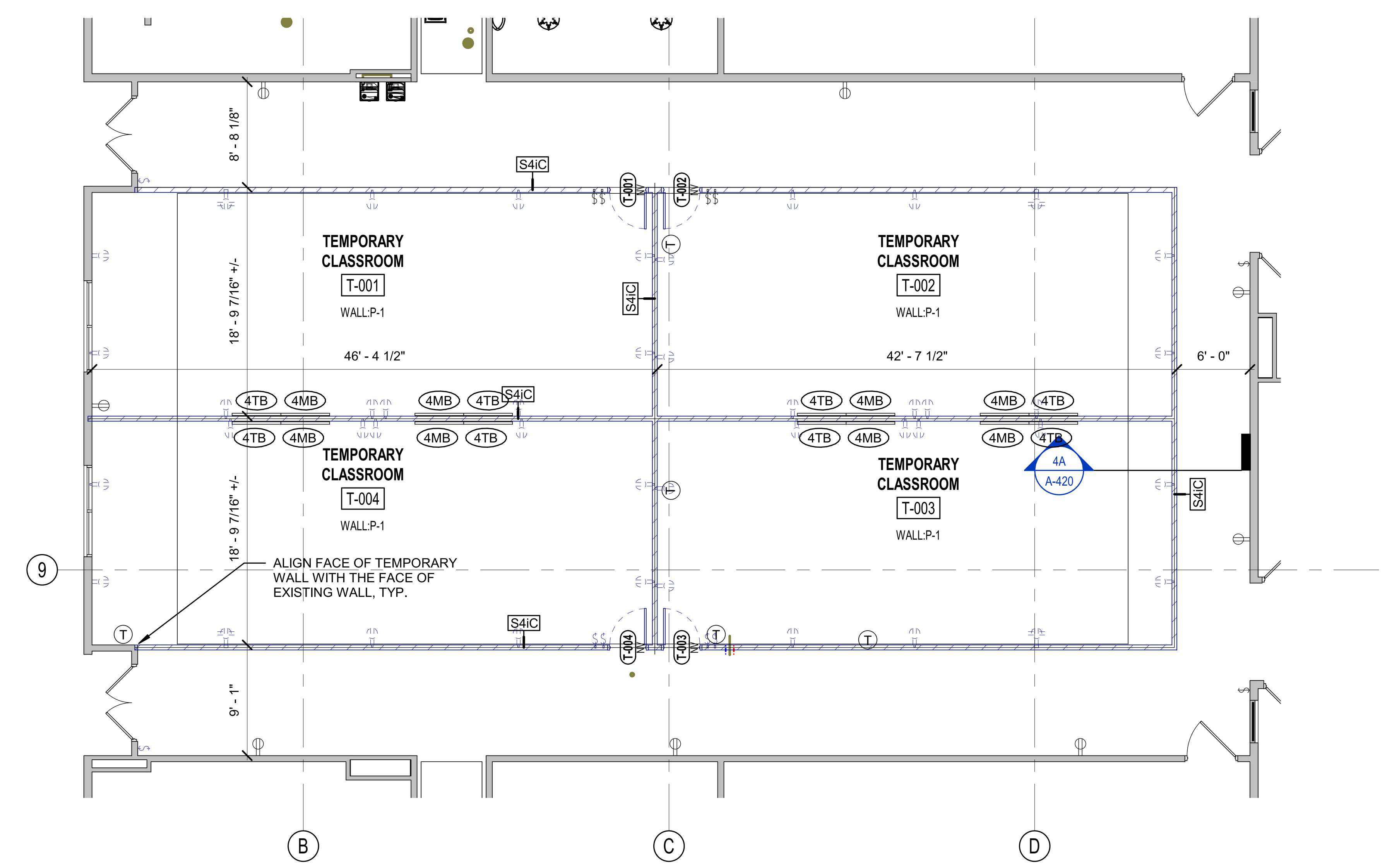
   PROVIDE EACH OPENING WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	CLASSROOM SECURITY LOCK	L90771J 06A L283-711	626	SCH
2	EA	CORE, EVEREST RESTRICTED	23-030 EV D	626	SCH
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS	630	IVE
1	EA	MOP PLATE	8400 10" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE



4A TEMPORARY CLASSROOM WALL SECTION

3/4" = 1'-0"



1A TEMPORARY CLASSROOM PLAN

1/8" = 1'-0"

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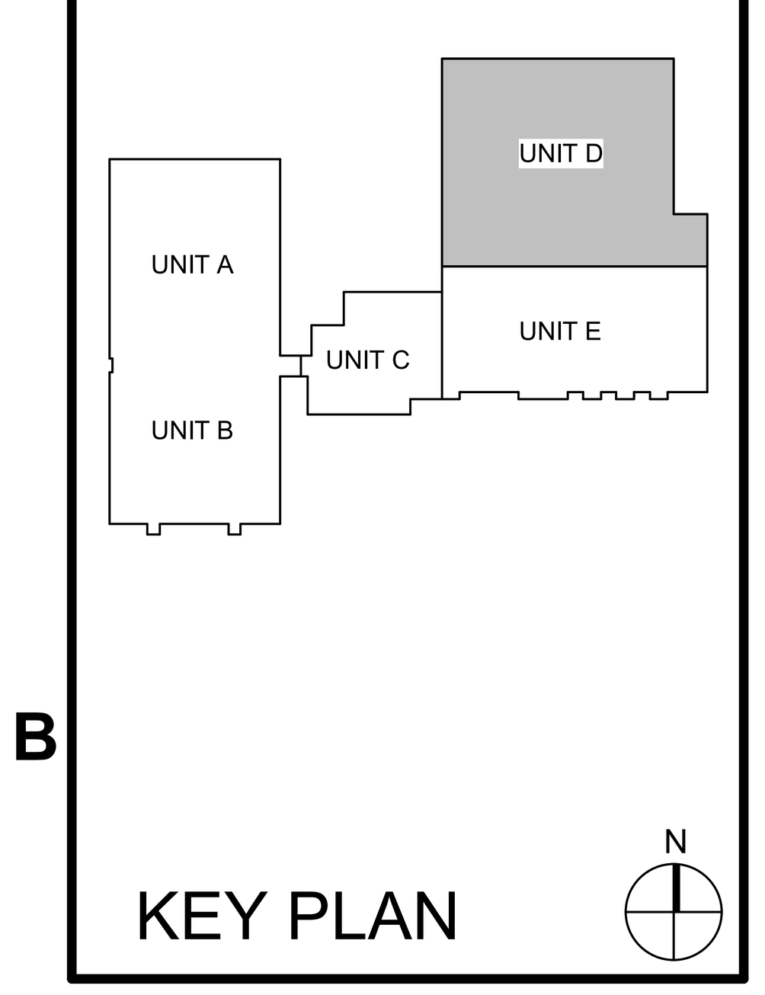

KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

TEMPORARY CLASSROOM PLAN

A-420

MECHANICAL HVAC PLAN NOTES

#	NOTE
1	COORDINATE WITH CEILING GRID CONTRACTOR TO ENSURE PROPER FIT (33"x33") AND PLACEMENT OF CU-1. PLACEMENT OF CU-1 SHALL NOT BE ADJACENT TO ANY LIGHT FIXTURE.
2	RECONNECT DIFFUSER TO EXISTING DUCTWORK AND BALANCE AS NOTED. CONNECTION TO BE HARD CONNECTION, SEE DETAIL 1A ON M500 FOR EXISTING CONNECTION.
3	EXTEND 16"x10" DUCT AS REQUIRED TO CONNECT NEW 16/10 GRILLE FLUSH WITH NEW WALL.
4	EXTEND 20"x10" DUCT AS REQUIRED TO CONNECT NEW 20/10 GRILLE FLUSH WITH NEW WALL.
5	PROVIDE VOLUME DAMPER IN 6"ø DUCT DROP.
6	CONNECT NEW DIFFUSER WITH NEW FLEX DUCT AND BALANCE AS NOTED. SEE DETAIL 1A/M-501 FOR EXISTING CONNECTION.
7	INSTALL NEW EGGCRATE GRILLE AND ENSURE EXHAUST GRILLE HAS A CLEAR UNOBSTRUCTIVE AIR PATH TO RETURN PLENUM.
8	TO BE PART OF ALTERNATE BID.
9	INSTALL NEW AVERAGING THERMOSTAT TO BE TIED TO Z6 THERMOSTAT IN ROOM 57.
10	ROUTE CONDENSATE TO NEAREST FLOOR DRAIN, MOP SINK OR OPEN-SITE DRAIN.
11	ROUTE CONDENSATE DRAIN TO EXTERIOR OF BUILDING COPPER PIPE TURNDED DOWN 4" ABOVE GRADE TO SPLASHBLOCK.

A2

2A FIRST FLOOR HVAC PLAN - UNIT B
1/8" = 1'-0"

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#	Revision	Date
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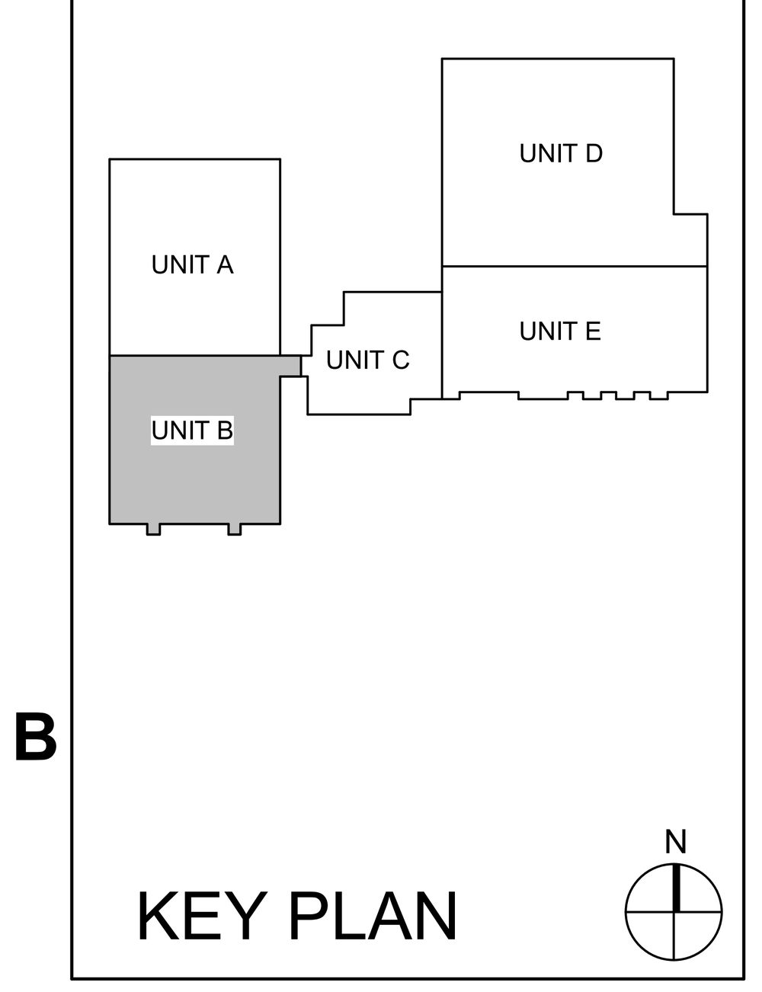


KEY PLAN

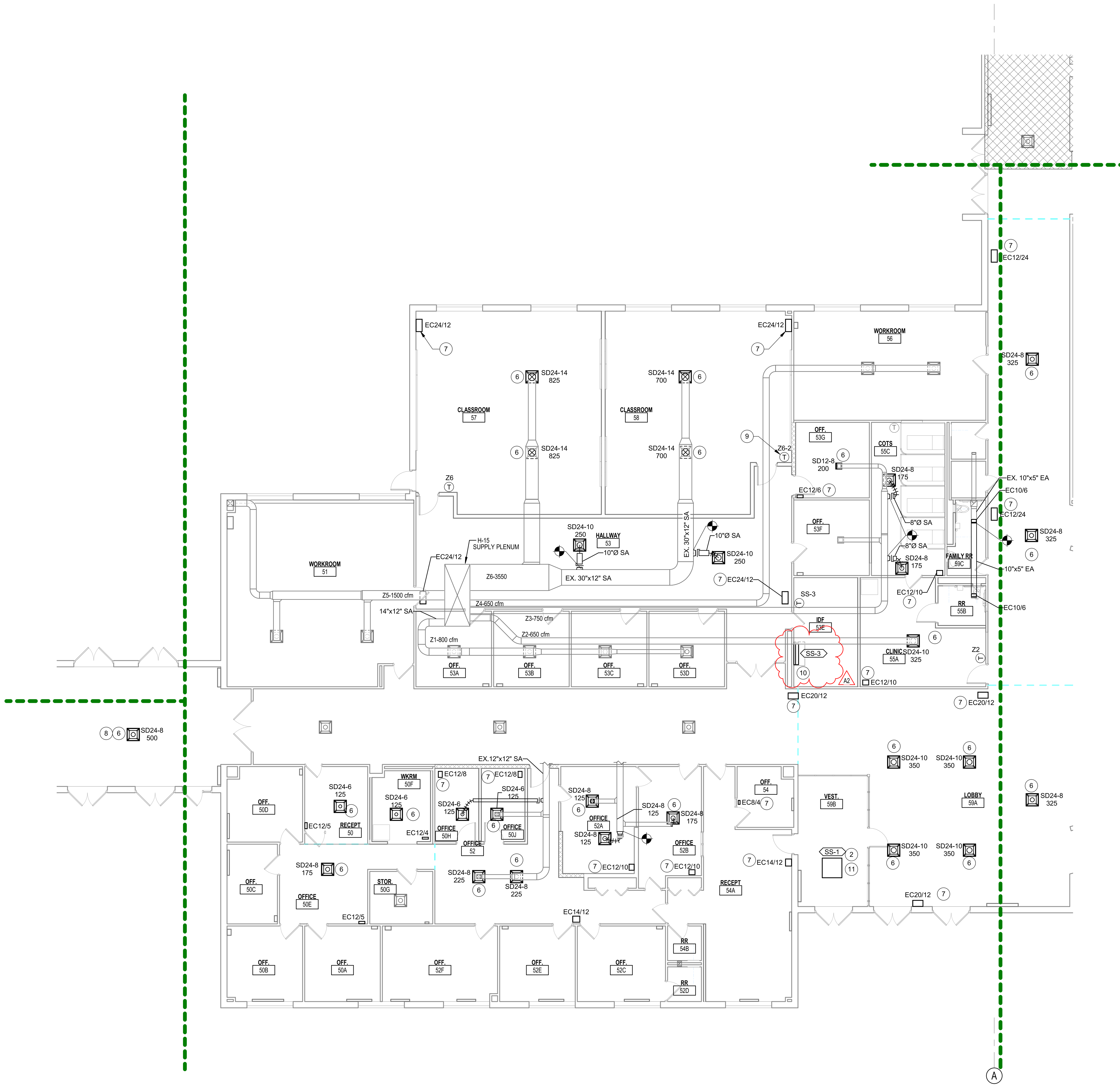
School City of Hammond

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR HVAC PLAN - UNIT B

MH1B1



2A FIRST FLOOR HVAC PLAN - UNIT C
1/8" = 1'-0"

MECHANICAL HVAC PLAN NOTES

#	NOTE
1	COORDINATE WITH CEILING GRID CONTRACTOR TO ENSURE PROPER FIT (33"x33") AND PLACEMENT OF CU-1. PLACEMENT OF CU-1 SHALL NOT BE ADJACENT TO ANY LIGHT FIXTURE.
2	RECONNECT DIFFUSER TO EXISTING DUCTWORK AND BALANCE AS NOTED. CONNECTION TO BE HARD CONNECTION, SEE DETAIL 1A ON M500 FOR EXISTING CONNECTION.
3	EXTEND 16"x10" DUCT AS REQUIRED TO CONNECT NEW 16/10 GRILLE FLUSH WITH NEW WALL.
4	EXTEND 20"x10" DUCT AS REQUIRED TO CONNECT NEW 20/10 GRILLE FLUSH WITH NEW WALL.
5	PROVIDE VOLUME DAMPER IN 6"ø DUCT DROP.
6	CONNECT NEW DIFFUSER WITH NEW FLEX DUCT AND BALANCE AS NOTED. SEE DETAIL 1A/M-501 FOR EXISTING CONNECTION.
7	INSTALL NEW EGGCRATE GRILLE AND ENSURE EXHAUST GRILLE HAS A CLEAR UNOBSTRUCTIVE AIR PATH TO RETURN PLENUM.
8	TO BE PART OF ALTERNATE BID.
9	~~INSTALL NEW AVERAGING THERMOSTAT TO BE TIED TO Z6 THERMOSTAT IN ROOM 57.~~
10	ROUTE CONDENSATE TO NEAREST FLOOR DRAIN, MOP SINK OR OPEN-SITE DRAIN.
11	ROUTE CONDENSATE DRAIN TO EXTERIOR OF BUILDING COPPER PIPE TURNDED DOWN 4" ABOVE GRADE TO SPLASHBLOCK.

A2

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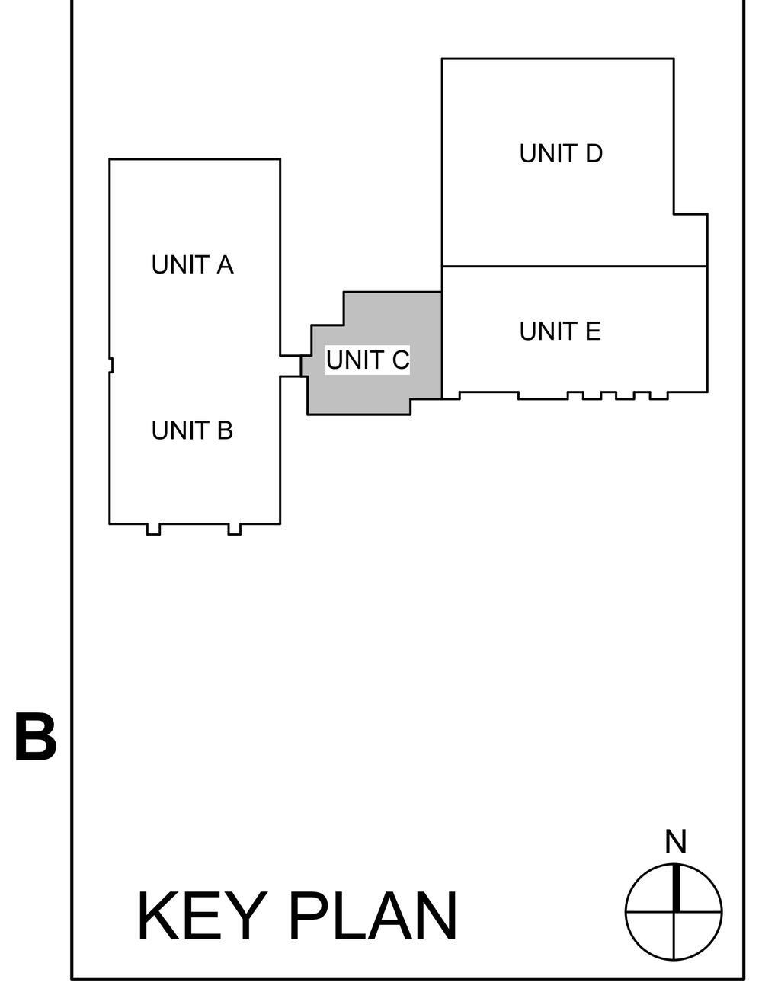

KEY PLAN

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR HVAC PLAN - UNIT C

MH1C1

MECHANICAL HVAC PLAN NOTES

#	NOTE
1	COORDINATE WITH CEILING GRID CONTRACTOR TO ENSURE PROPER FIT (33"x33") AND PLACEMENT OF CU-1. PLACEMENT OF CU-1 SHALL NOT BE ADJACENT TO ANY LIGHT FIXTURE.
2	RECONNECT DIFFUSER TO EXISTING DUCTWORK AND BALANCE AS NOTED. CONNECTION TO BE HARD CONNECTION, SEE DETAIL 1A ON M500 FOR EXISTING CONNECTION.
3	EXTEND 16"x10" DUCT AS REQUIRED TO CONNECT NEW 16/10 GRILLE FLUSH WITH NEW WALL.
4	EXTEND 20"x10" DUCT AS REQUIRED TO CONNECT NEW 20/10 GRILLE FLUSH WITH NEW WALL.
5	PROVIDE VOLUME DAMPER IN 6"ø DUCT DROP.
6	CONNECT NEW DIFFUSER WITH NEW FLEX DUCT AND BALANCE AS NOTED. SEE DETAIL 1A/M-501 FOR EXISTING CONNECTION.
7	INSTALL NEW EGGCRATE GRILLE AND ENSURE EXHAUST GRILLE HAS A CLEAR UNOBSTRUCTIVE AIR PATH TO RETURN PLENUM.
8	TO BE PART OF ALTERNATE BID.
9	INSTALL NEW AVERAGING THERMOSTAT TO BE TIED TO Z6 THERMOSTAT IN ROOM 57.
10	ROUTE CONDENSATE TO NEAREST FLOOR DRAIN, MOP SINK OR OPEN-SITE DRAIN.
11	ROUTE CONDENSATE DRAIN TO EXTERIOR OF BUILDING COPPER PIPE TURNDED DOWN 4" ABOVE GRADE TO SPLASHBLOCK.

A2

2A FIRST FLOOR HVAC PLAN - UNIT D
1/8" = 1'-0"

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ARCHITECT

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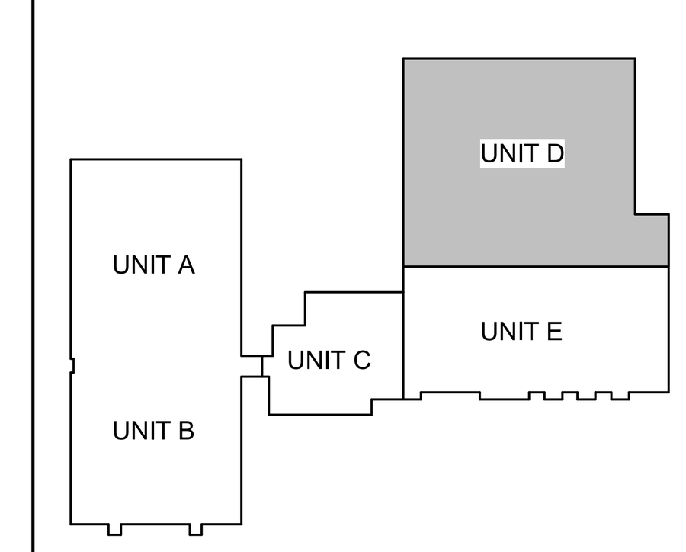


KEY PLAN

School City of Hammond

School City of Hammond

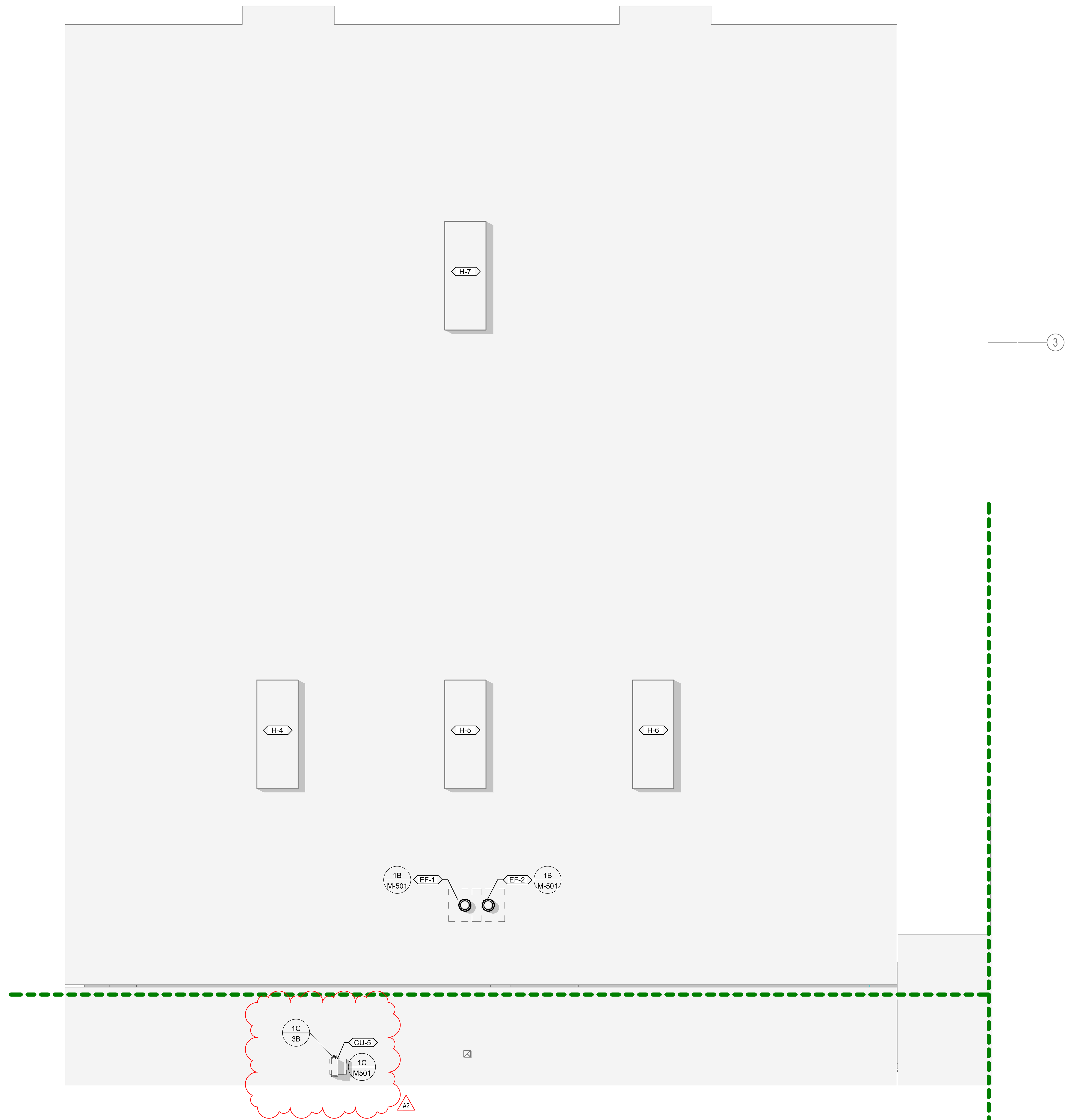
Scott Middle School - Renovations

FIRST FLOOR HVAC PLAN - UNIT D

MH1D1

MECHANICAL ROOF PLAN NOTES

#	NOTE
1	H-18 TO ATTACH TO EXISTING CURB. MC TO RECONNECT GAS TO UNIT.
2	H-15 TO ATTACH TO EXISTING CURB. MC TO RECONNECT GAS TO UNIT. ADDITIONAL DATA IS NEEDED BY THE MC PRIOR TO SUBMITTAL OF EQUIPMENT TO ENSURE EXACT FIT OF THE MULTIZONE ADAPTER. THIS WORK TO INCLUDE BUT IS NOT LIMITED TO CUTTING INTO EXISTING UNIT TO GET PROPER DIMENSIONS OF EXISTING INSIDE CURB DIMENSIONS, RETURN LOCATION, AND ZONE POSITIONS. MC SHALL COORDINATE WITH RTU MANUFACTURER AND OBTAIN A CHECKLIST OF REQUIRED INFORMATION AND MC SHALL MEASURE AND OBTAIN ALL SITE SPECIFIC DATA AS REQUIRED AND REPORT TO THE MANUFACTURER PRIOR TO SUBMITTAL.



2A MECHANICAL HVAC ROOF PLAN - UNIT A
3/32" = 1'-0"

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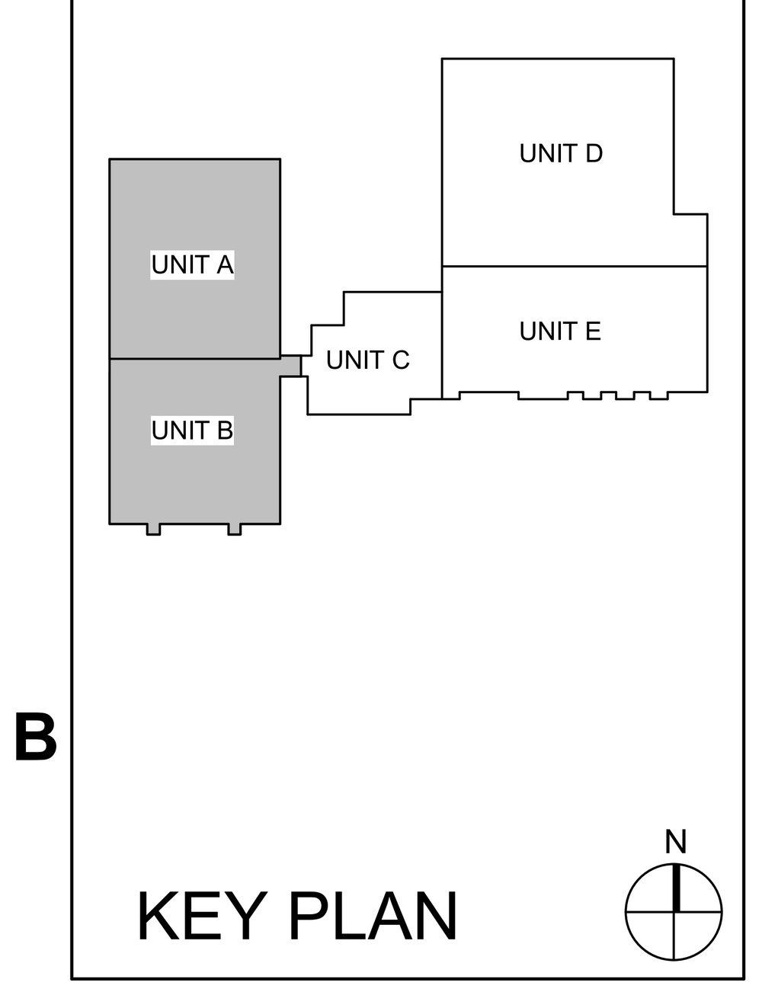


KEY PLAN

School City of Hammond

School City of Hammond

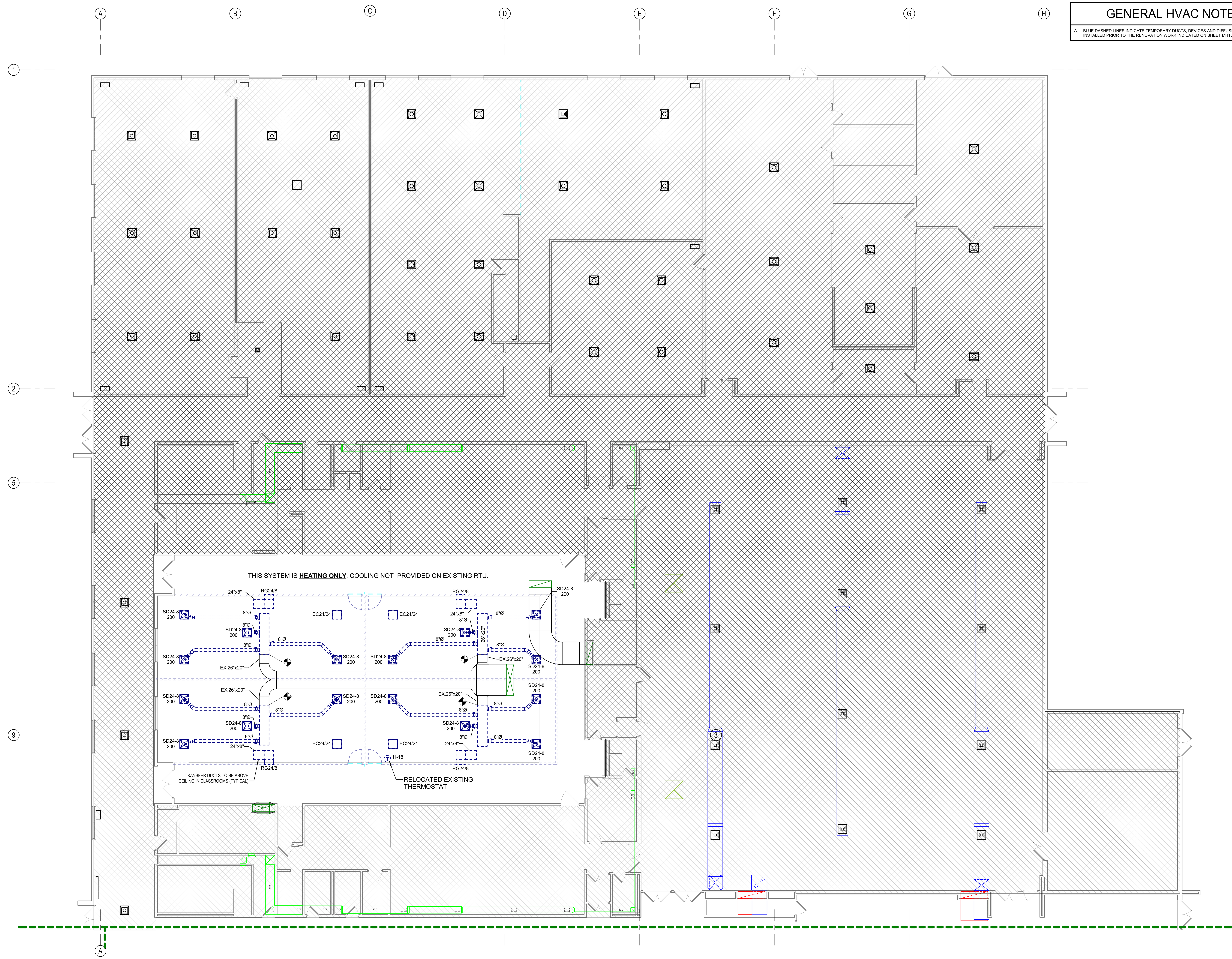
Scott Middle School - Renovations

ROOF HVAC PLAN - UNIT A

MR101

GENERAL HVAC NOTES

A. BLUE DASHED LINES INDICATE TEMPORARY DUCTS, DEVICES AND DIFFUSERS THAT SHALL BE INSTALLED PRIOR TO THE RENOVATION WORK INDICATED ON SHEET MH1D1.



1 **FIRST FLOOR HVAC PLAN - UNIT D TEMPORARY RENOVATION**
1/8" = 1'-0"

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Sarah K Hempstead

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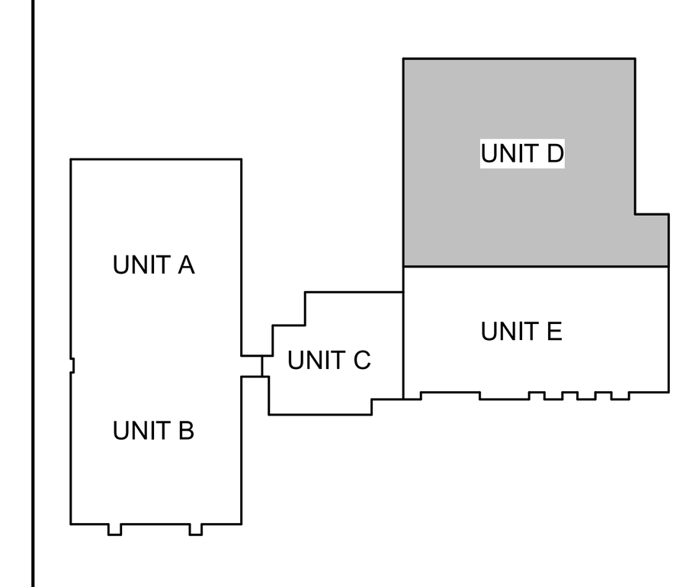


KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

HVAC TEMPORARY CLASSROOM WORK - UNIT D

M-420

EXHAUST FAN SCHEDULE - 23 34 23																		
IDENTITY DATA					FAN DATA								SOUND CRITERIA		ELECTRICAL DATA				
MARK	MANUFACTURER	MODEL	SERVICES	WEIGHT (LBS)	FAN TYPE	DRIVE TYPE	AIRFLOW (CFM)	ESP (IN-WG)	RPM	HP	BHP	SONES	DBA	VOLTS (V)	PH	FREQ (HZ)	UNIT CONTROL	NOTES
EF-1	GREENHECK	CUE-140HP-A	RESTROOMS	67	UPBLAST CENTRIFUGAL	DIRECT	450	1.50	1725	0.50	0.41	14.7	64	115	1	60	OCC SENSOR	1-4
EF-2	GREENHECK	CUE-140HP-A	RESTROOMS	67	UPBLAST CENTRIFUGAL	DIRECT	450	1.50	1725	0.50	0.41	14.7	64	115	1	60	OCC SENSOR	1-4

EXHAUST FAN SCHEDULE NOTES:

1. DISCONNECT BY MANUFACTURER.
2. SEE M-700 SERIES SHEETS FOR TEMPERATURE CONTROL INFORMATION.
3. FAN SPEED CONTROLLER FOR BALANCING.
4. INTERLOCK FAN WITH LIGHTING OCCUPANCY SENSOR TO RUN WHILE LIGHTS ARE ENERGIZED AS OCCUPANCY IS SENSED.

SPLIT SYSTEM FAN COIL UNIT SCHEDULE - 23 81 26

INDOOR UNIT

IDENTITY DATA				DIMENSIONS			COOLING CAPACITY			AIRFLOW DATA					ELECTRICAL DATA				
MARK	MANUFACTURER	MODEL	WEIGHT (LBS)	L	W	H	TOTAL (BTUH)	SENSIBLE (BTUH)	CAPACITY (BTUH)	MIN (CFM)	MAX (CFM)	DESIGN (CFM)	EXT. STATIC (IN-WG)	REF. TYPE	VOLTS (V)	PH	FREQ (HZ)	FLA (A)	MOCP (A)
SS-1	DAIKIN	FCQ18TAVJU	63	33"	33"	10"	18,000	16,100	18,000	477	742	500	0.00	R-410A	208	1	60	0.6	15
SS-2	DAIKIN	FCQ48TAVJU	70	33"	33"	11.75"	48,000	35,000	48,000	742	1,218	1,000	0.00	R-410A	208	1	60	1.8	15
SS-3	DAIKIN	FAQ24TAVJU	31	41"	11"	9"	24,000	18,000	24,000	470	635	600	0.00	R-410A	208	1	60	0.6	15
SS-4	DAIKIN	FAQ18TAVJU	31	41"	11"	9"	18,000	13,700	24,000	400	500	400	0.00	R-410A	208	1	60	0.5	15
SS-5	DAIKIN	FAQ18TAVJU	31	41"	11"	9"	18,000	13,700	24,000	400	500	400	0.00	R-410A	208	1	60	0.5	15

OUTDOOR UNIT

IDENTITY DATA				COOLING DATA		HEATING DATA		ENERGY DATA				ELECTRICAL DATA					
MARK	MODEL	SERVES	WEIGHT (LBS)	NOMINAL (TONS)	AMBIENT (°F)	CAPACITY (BTUH)	AMBIENT (°F)	COP	EER	SEER	REF. TYPE	VOLTS (V)	PH	FREQ (HZ)	MCA (A)	MOCP (A)	NOTES
CU-1	RZQ18TAVJUA	SS-1	172	1.5	95	20,000.0	47	-	13.0	18.6	R-410A	208	1	60	16.5	20.0	1,2,3
CU-2	RZQ48TAVJUA	SS-2	225	4.0	95	54,000.0	47	-	9.0	17.0	R-410A	208	1	60	29.1	30.0	1,2,3
CU-3	RZQ24TAVJUA	SS-3	172	2.0	95	-	-	-	10.2	17.6	R-410A	208	1	60	16.5	20.0	1,2,3
CU-4	RZR18TAVJUA	SS-4	172	1.5	95	-	-	-	11.9	17.0	R-410A	208	1	60	16.5	20.0	1,2,3
CU-4	RZR18TAVJUA	SS-4	172	1.5	95	-	-	-	11.9	17.0	R-410A	208	1	60	16.5	20.0	1,2,3

A2

SPLIT SYSTEMS UNIT SCHEDULE NOTES:

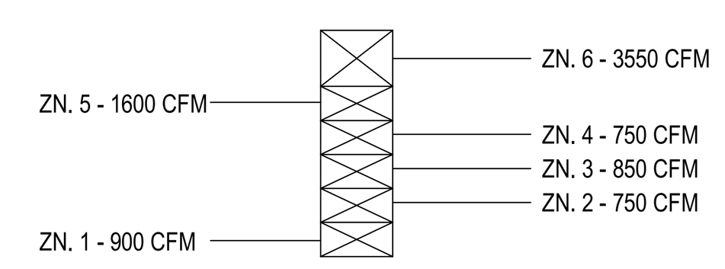
1. PROVIDE SINGLE POINT POWER CONNECTION FOR INDOOR/OUTDOOR UNITS.
2. PROVIDE CONDENSATE REMOVAL PUMP.
3. PROVIDE WITH WIND BAFFFLES FOR CONDENSING UNIT.

VAV BOX WITH ELECTRIC REHEAT SCHEDULE - 23 36 00																				
IDENTITY DATA				AIRFLOW DATA				NOISE DATA		REHEAT COIL DATA				ELECTRICAL DATA					
MARK	MANUFACTURER	MODEL	INLET DIAMETER	COOLING MAX AIRFLOW (CFM)	HEATING MAX AIRFLOW (CFM)	OCCUPIED MINIMUM AIRFLOW (CFM)	STATIC INLET (IN-WG)	MAX DISCH.	MAX RAD.	EAT (°F)	LAT (°F)	CAPACITY (KW)	STAGES	VOLTS (V)	PH	FREQ (HZ)	MCA (A)	MOCP (A)	NOTES
VAV-90	KRUEGER	LMHS	14"	2,800	840	840	1.5	30	27	55	91	9.5	1	208	1	60	57.1	60.0	1
VAV-90A	KRUEGER	LMHS	4"	225	225	225	1.5	31	25	55	90	2.5	1	208	1	60	15.0	15.0	1
VAV-91	KRUEGER	LMHS	14"	1,170	230	1,170	1.5	30	14	15	89	2.5	1	208	1	60	15.0	15.0	1
VAV-91A	KRUEGER	LMHS	5"	230	230	230	1.5	25	17	55	89	2.5	1	208	1	60	15.0	15.0	1

VAV BOX WITH ELECTRIC REHEAT SCHEDULE NOTES

1. PROVIDE WITH DISCONNECT.

AIR HANDLING UNIT SCHEDULE																			
IDENTITY DATA						DIMENSIONS			SUPPLY FAN						RETURN FAN				
												MOTOR				MOTOR			
MARK	MANUFACTURER	MODEL	LOCATION	AREA SERVED	WEIGHT (LBS)	L	W	H	AIRFLOW (CFM)	ESP (IN-WG)	RPM	QTY	HP EACH	BHP EACH	RPM	QTY	HP EACH	BHP EACH
H-15	TEMPMASTER	CV25S3DH2S1CJP12H1	ROOF	UNIT - C	2,555	144"	89"	57"	8,600	1.5	1,209	2	6.1	10.0	1,075	1	0.8	-
H-18	TEMPMASTER	ZQT15N30F4BAB24AA3	ROOF	UNIT - D	3,000	181"	92"	53"	4,425	0.7	856	2	5.0	5.8	1,768	1	10.0	-



H-15 ZONE CONFIGURATION

AIR HANDLING UNIT SCHEDULE (CONTINUED)																						
	GAS-FIRED HEATING DATA						DX COOLING DATA							DX COOLING COIL DATA				ELECTRICAL DATA				
MARK	INPUT (BTUH)	OUTPUT (BTUH)	EDB (°F)	LDB (°F)	STAGES	TYPE	TOTAL CAP. (BTUH)	SENSIBLE CAP. (BTUH)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	EER	ROWS	FINS PER IN	FACE AREA (SQFT)	MIN OA (CFM)	VOLTS (V)	PH	MCA (A)	MCOP (A)	NOTES
H-15	400,000	324,000	40.0	75.0	2	INDIRECT	292,500	212,800	80.0	67.0	57.1	56.2	10.0	4	14	25.0	7,500	460	3	73.4	90	2-4
H-18	300,000	240,000	60.0	110.0	2	INDIRECT	177,000	117,000	80.0	67.0	5.5	54.0	12.0	4	15	26.0	-	460	3	37.6	40	1-4

AIR HANDLING UNIT SCHEDULE NOTES:

1. PROVIDE WITH 14" ROOF CURB 1RC0437.
2. PROVIDE WITH MERV-13 AIR FILTERS.
3. UNITS PROVIDED WITH RECEPTICLES: 120V 1 PH. BY E.C.
4. BOTH SUPPLY AND RETURN / EXHAUST FAN SUPPLIED WITH VFD FROM FACTORY, WIRED AND PROGRAMMED.

A2

233713 DIFFUSERS, REGISTERS, AND GRILLES - TEMPORARY CLASSROOM WORK								
IDENTITY DATA				NECK SIZE (IN)	MODULE SIZE			
MARK	DESCRIPTION	MANUFACTURER	MODEL	Ø	W	L	MATERIAL	NOTES
EC24/24	EGG CRATE FACE RETURN	PRICE	80		24"	24"	TEMP	
RG24/8	LOUVER FACE RETURN GRILLE	TITUS	23RL		24"	8"	TEMP	
SD24-8	SQUARE CONE DIFFUSER	PRICE	ASCDA	8"	24"	24"	TEMP	

233713 DIFFUSERS, REGISTERS, AND GRILLES							
IDENTITY DATA				NECK SIZE (IN)	MODULE SIZE		
MARK	DESCRIPTION	MANUFACTURER	MODEL	Ø	W	L	NOTES
EC8/4	EGG CRATE FACE RETURN	PRICE	80		4"	8"	
EC10/4	EGG CRATE FACE RETURN	PRICE	80		4"	10"	
EC10/6	EGG CRATE FACE RETURN	PRICE	80		6"	10"	
EC12/4	EGG CRATE FACE RETURN	PRICE	80		4"	12"	
EC12/5	EGG CRATE FACE RETURN	PRICE	80		5"	12"	
EC12/6	EGG CRATE FACE RETURN	PRICE	80		6"	12"	
EC12/8	EGG CRATE FACE RETURN	PRICE	80		8"	12"	
EC12/10	EGG CRATE FACE RETURN	PRICE	80		10"	12"	
EC12/12	EGG CRATE FACE RETURN	PRICE	80		12"	12"	
EC24/24	EGG CRATE FACE RETURN	PRICE	80		14"	10"	
EC14/12	EGG CRATE FACE RETURN	PRICE	80		14"	12"	
EC20/12	EGG CRATE FACE RETURN	PRICE	80		20"	12"	
EC24/12	EGG CRATE FACE RETURN	PRICE	80		24"	12"	
EC12/24	EGG CRATE FACE RETURN	PRICE	80		24"	12"	
EC24/24	EGG CRATE FACE RETURN	PRICE	80		24"	24"	
EG12/10	LOUVER FACE GRILLE EXHAUST	PRICE	530		12"	10"	
EG16/10	LOUVER FACE GRILLE EXHAUST	PRICE	530		16"	10"	
EG20/10	LOUVER FACE GRILLE EXHAUST	PRICE	530		20"	10"	
EG12/12	LOUVER FACE GRILLE EXHAUST	PRICE	530		12"	12"	
EG24/24	LOUVER FACE GRILLE EXHAUST	PRICE	630		24"	24"	
SD12-06	SQUARE CONE DIFFUSER	PRICE	ASCDA	6"	12"	12"	
SD24-6	SQUARE CONE DIFFUSER	PRICE	ASCDA	6"	24"	24"	
SD12-8	SQUARE CONE DIFFUSER	PRICE	ASCDA	8"	12"	12"	
SD24-8	SQUARE CONE DIFFUSER	PRICE	ASCDA	8"	24"	24"	
SD24-10	SQUARE CONE DIFFUSER	PRICE	ASCDA	10"	24"	24"	
SD24-12	SQUARE CONE DIFFUSER	PRICE	ASCDA	12"	24"	24"	
SD24-14	SQUARE CONE DIFFUSER	PRICE	ASCDA	14"	24"	24"	

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Project Date 07.26.2021
Produced CSM / CSM

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

#	Revision	Date
A2	ADDENDUM #2	08/18/2021

3635 173rd Street
Hammond, IN 46323

UNIT A
UNIT B
UNIT C
UNIT D
UNIT E

KEY PLAN

N

School City of Hammond

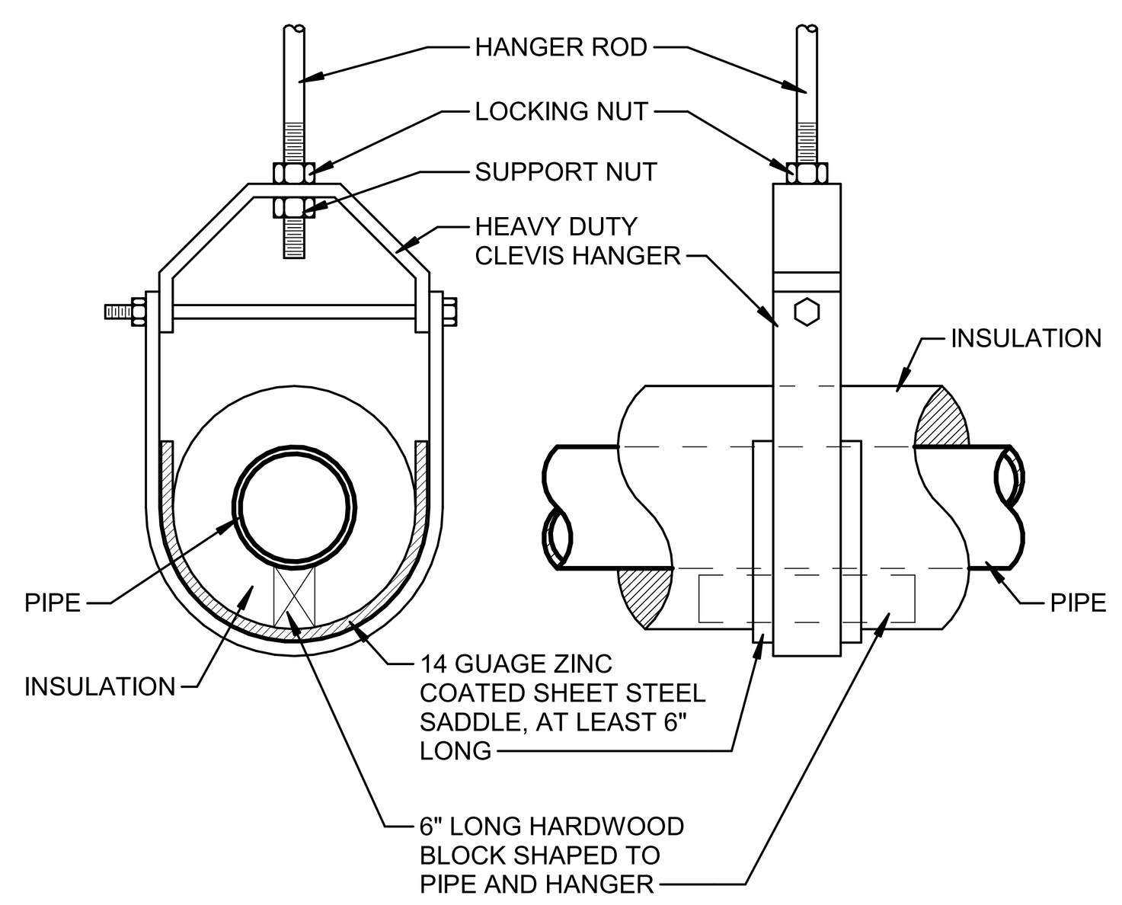
School City of Hammond

Scott Middle School - Renovations

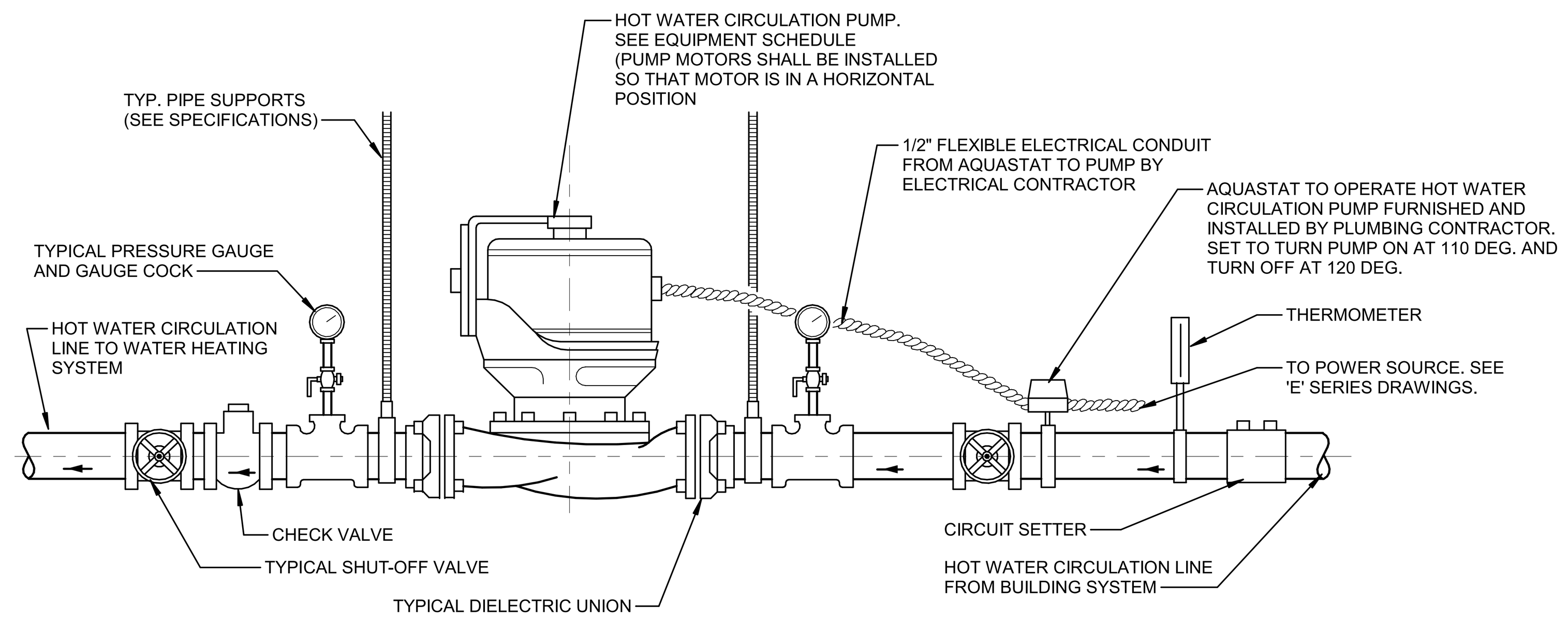
MECHANICAL SCHEDULES

M-601

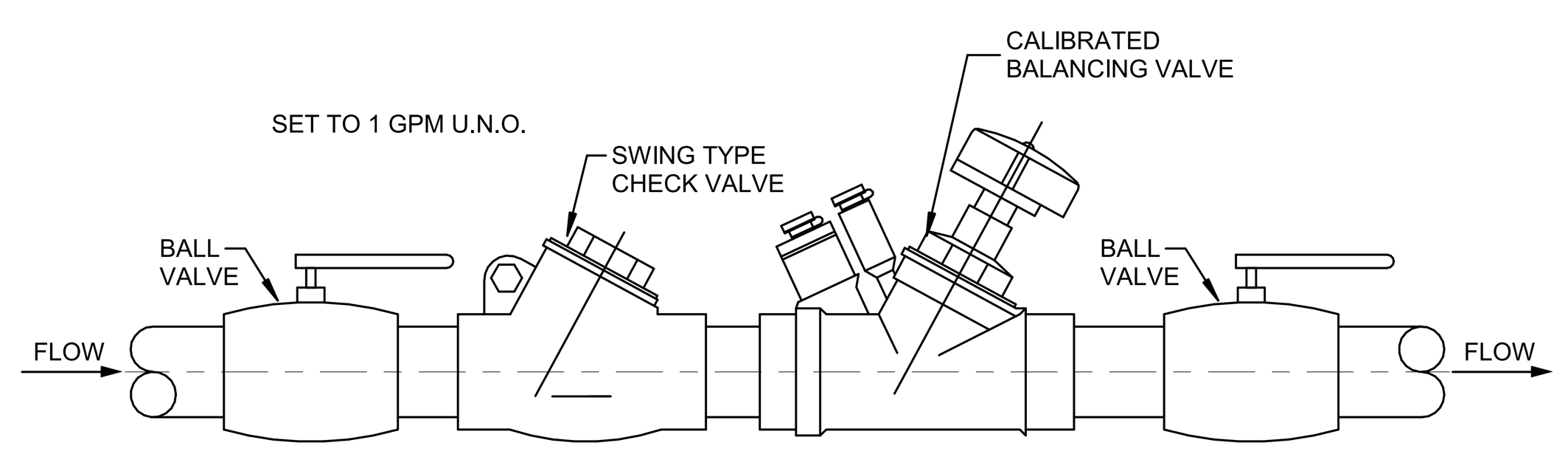
6 | 5 | 4 | 3 | 2 | 1



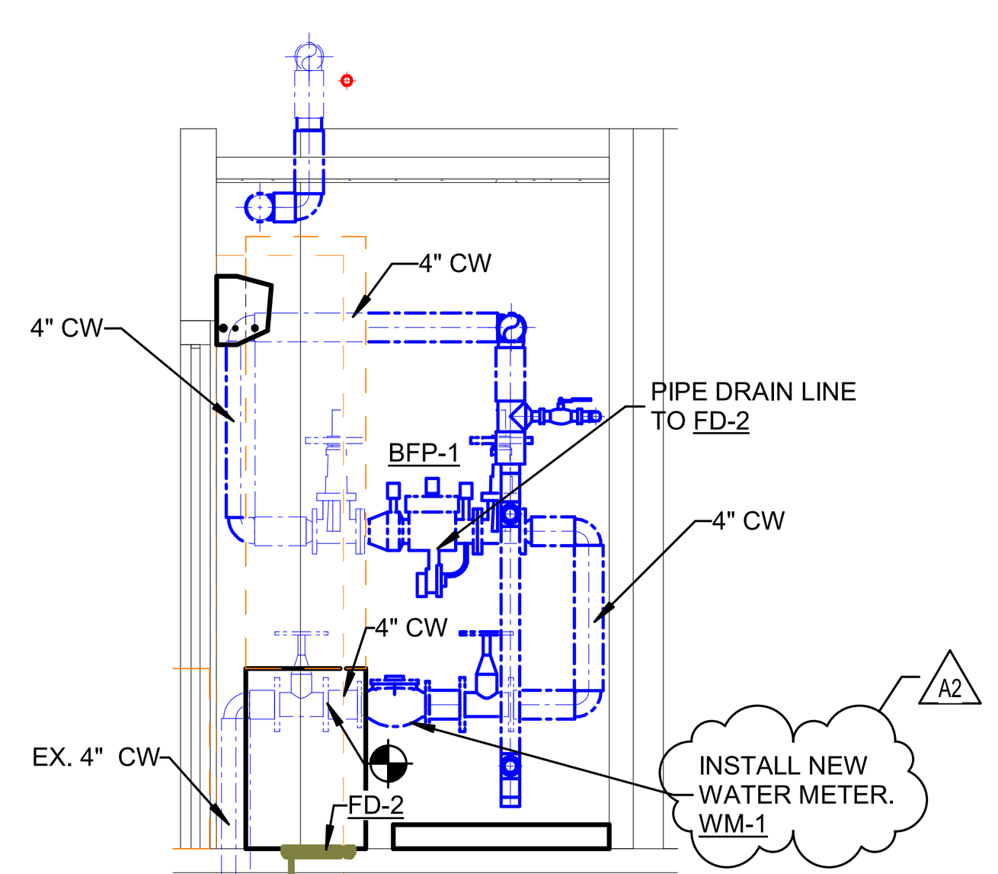
6D PIPE HANGER (6" & SMALLER) DETAIL
NOT TO SCALE



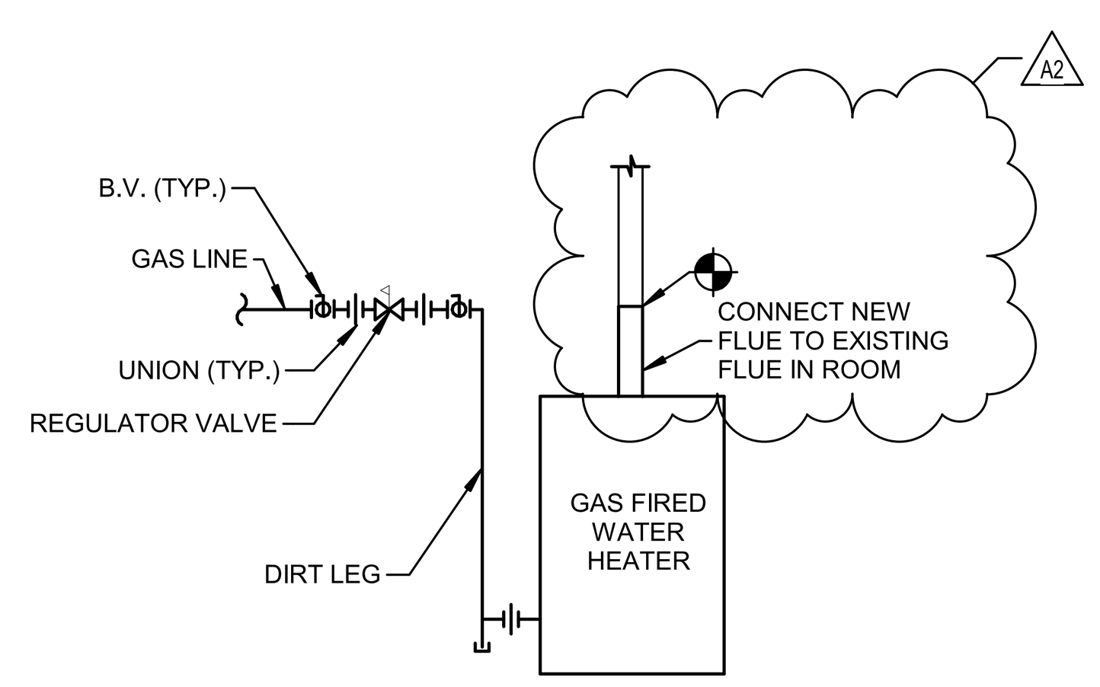
4D HOT WATER RECIRCULATION PUMP
NOT TO SCALE



6C HOT WATER BALANCING VALVE STATION DETAIL
NOT TO SCALE



6B DOMESTIC WATER ENTRANC DETAIL
NOT TO SCALE



6A WATER HEATER GAS CONNECTION DETAIL
NOT TO SCALE

MIXING, METERING, AND PRESSURE REDUCING VALVES (221119) (A2)

MARK	MANUFACTURER	MODEL	DESCRIPTION	FLOW RATE	PRESSURE DROP
IDENTITY DATA					
BFP-1	ZURN WILKINS	375AST OSY	3" REDUCED PRESSURE BACKFLOW PREVENTER	315 GPM	5.00 psi
TMV-1	SYMMONS	#7-200	TEMPERATURE-ACTUATED, WATER MIXING VALVE	7 GPM	5.00 psi
WM-1	BADGER METER		RECORDALL COMPOUND SERIES METER, LEAD-FREE BRONZE ALLOY, 3" WATER METER		

CIRCULATION AND SUMP PUMPS

IDENTITY DATA				PLUMBING		ELECTRICAL			
MARK	MANUFACTURER	MODEL	DESCRIPTION	FLOW RATE (GPM)	PUMP HEAD (TDH)	VOLTAGE	PHASE	RPM	HP
HWCP-1	BELL AND GOSSETT	#ECOCIRC 19-16	120° DOMESTIC HOT WATER CIRCULATION PUMP, STAINLESS STEEL. SET VARIABLE CONTROL TO 2 GPM MAX.	3	11	115	1	VARIABLE	1/12

FUEL-FIRED, DOMESTIC WATER HEATERS

IDENTITY DATA					NATURAL GAS	
MARK	MANUFACTURER	MODEL	DESCRIPTION	LOCATION	GPH RECOVERY	INPUT (BTU/H)
DWH-1	LOCHINVAR	#GTN050-50	ENERGY SAVER GAS WATER HEATER	PLUMB #41	54	50,000

TANKS AND INTERCEPTORS SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION	LOCATION	CAPACITY
IDENTITY DATA					
ET-1	AMTROL	ST-5-C-DD	DOMESTIC HOT WATER EXPANSION TANK	PLUMB #41	2 GALLON TANK VOLUME; 0.45 GALLON MAX. ACCEPT. VOLUME
ET-2	TIGERFLOW	#065-TA-132-E	EXPANSION TANK, BLADDER TYPE	PLUMB #41	132 GALLON TANK VOLUME; 150 PSI WORKING PRESSURE

221123.13 - DOMESTIC WATER PACKAGED BOOSTER PUMPS

IDENTITY DATA				PLUMBING		ELECTRICAL				
MARK	MANUFACTURER	MODEL	DESCRIPTION	FLOW RATE (GPM) (PER PUMP)	PUMP HEAD (TDH)	VOLTAGE	PHASE	RPM	HP	NOTES
BP-1	TIGERFLOW	#DVMV-7.5TF-A2-S3-VM-P-VFD	DUPLEX DOMESTIC BOOSTER PUMP w/ VERTICAL STACK COMPACT SKID	80	123	460	3	3600	7.5	CONTRACTOR TO REMOVE/REASSEMBLE HEADERS OR AS NEEDED TO FIT PUMP THROUGH EXISTING 3'-0" DOOR.

DOMESTIC WATER PIPING SPECIALTIES SCHEDULE (221119)

IDENTITY DATA				FIXTURE CONNECTION					
MARK	MANUFACTURER	MODEL	DESCRIPTION	CW	HW	W	V	MOUNTING (FLOOR TO OUTLET)	NOTES
HB-1	ZURN	#Z1330-XL	HOSE BIB WITH RECESSED BOX	3/4"				18" A.F.F.	
IMB-1	GUY GRAY	#SSIB2AB	ICEMAKER OUTLET BOX	1/2"				48" A.F.F.	

SANITARY WASTE PIPING SPECIALTIES SCHEDULE (221319)

IDENTITY DATA					
MARK	MANUFACTURER	MODEL	DESCRIPTION	W CONNECTION	NOTES
FD-1	ZURN	#Z415B-ZB	DUCO CAST IRON BODY WITH FLASHING COLLAR, ADJUSTABLE ROUND STRAINER HEAD, POLISHED BRONZE STRAINER	2"	TRAPGUARD BY PROSET, NO SUBSTITUTIONS
FD-2	ZURN	#Z662-DG	DUCO CAST IRON BODY WITH FLASHING COLLAR AND CAST IRON GRATE, SQUARE GRATE AND SEDIMENT BUCKET	4"	

COMMERCIAL WATER CLOSET SCHEDULE (224213.13)

IDENTITY DATA				FLUSHOMETER					FIXTURE CONNECTION					
MARK	MANUFACTURER	MODEL	DESCRIPTION	MANUFACTURER	MODEL	OPERATION	GPF	TOILET SEAT	CW	W	V	MOUNTING (FLOOR TO RIM)	ADA COMPLIANT	NOTES
WC-1	ZURN	#Z5615-BWL	WALL-MOUNTED, TOP SPUD WATER CLOSET	SLOAN	ROYAL #111-1.6	MANUAL	1.6	CLOSED BACK, OPEN FRONT	1"	4"	2"	15"	No	
WC-2	ZURN	#Z5615-BWL	WALL-MOUNTED, TOP SPUD, ACCESSIBLE WATER CLOSET	SLOAN	ROYAL #111-1.6	MANUAL	1.6	CLOSED BACK, OPEN FRONT	1"	4"	2"	17"	Yes	

COMMERCIAL URINAL SCHEDULE (224213.16)

IDENTITY DATA				FLUSHOMETER				FIXTURE CONNECTION					
MARK	MANUFACTURER	MODEL	DESCRIPTION	MANUFACTURER	MODEL	OPERATION	GPF	CW	W	V	MOUNTING (FLOOR TO RIM)	ADA COMPLIANT	NOTES
UR-1	ZURN	#Z5755-U	WALL-HUNG, BACK OUTLET, WASHOUT, ACCESSIBLE	SLOAN	ROYAL #186-.05	MANUAL	0.5	3/4"	2"	1 1/2"	24"	No	
UR-2	ZURN	#Z5755-U	WALL-HUNG, BACK OUTLET, WASHOUT, ACCESSIBLE	SLOAN	ROYAL #186-0.5	MANUAL	0.5	3/4"	2"	1 1/2"	17"	Yes	

COMMERCIAL LAVATORY SCHEDULE (224216.13)

IDENTITY DATA				TRIM				FIXTURE CONNECTION						
MARK	MANUFACTURER	MODEL	DESCRIPTION	MANUFACTURER	MODEL	OPERATION	GPM	CW	HW	W	V	MOUNTING (FLOOR TO RIM)	ADA COMPLIANT	NOTES
L-1	AMERICAN STANDARD	LUCERNE #0355.012	VITREOUS CHINA, WALL MOUNTED, WITH BACK	CHICAGO FAUCET	#802-244ABCP	MANUAL	0.5	1/2"	1/2"	1 1/2"	1 1/2"	34"	Yes	

COMMERCIAL SINK SCHEDULE (224216.16)

IDENTITY DATA				TRIM				FIXTURE CONNECTION						
MARK	MANUFACTURER	MODEL	DESCRIPTION	MANUFACTURER	MODEL	OPERATION	GPM	CW	HW	W	V	MOUNTING	ADA COMPLIANT	NOTES
MB-1	ZURN	#Z1996-24	PLASTIC, FLOOR MOUNTED (RECESSED) MOP BASIN	CHICAGO FAUCET	#540-LD897SWXFABCP	MANUAL	2.2	3/4"	3/4"	3"	1 1/2"	FLOOR MOUNTED		
SK-1	ELKAY	#LR2219	STAINLESS STEEL, ONE BOWL, COUNTER MOUNTED SINK	CHICAGO FAUCET	#201-AHA8XKABCP	MANUAL	2.2	1/2"	1/2"	1 1/2"	1 1/2"	COUNTER MOUNTED	No	
SK-2	ELKAY	#LRAD221955	STAINLESS STEEL, ONE BOWL, COUNTER MOUNTED SINK	CHICAGO FAUCET	#786-HR8AE3V317XKAB	MANUAL	2.2	1/2"	1/2"	1 1/2"	1 1/2"	COUNTER MOUNTED	Yes	

PRESSURE WATER COOLER SCHEDULE (224716)

IDENTITY DATA				FIXTURE CONNECTION					
MARK	MANUFACTURER	MODEL	DESCRIPTION	CW	W	V	MOUNTING (FLOOR TO BUBBLER)	ADA COMPLIANT	NOTES
EWC-1	ELKAY	#LMABF8WSSK	FILTERED, ELECTRIC WATER COOLER/BOTTLE FILLER: SATIN FINISHED STAINLESS STEEL BOWL AND CABINET, BOTTLE FILLING UNIT INCLUDES AN ELECTRONIC SENSOR FOR NO-TOUCH ACTIVATION. TRIM: ADJUSTABLE P-TRAP WITH CLEANOUT, 1/2" ANGLE STOP WITH LOOSE KEY HANDLE, 1/2" O.D. CHROME PLATED SUPPLY.	3/4"	1 1/2"	1 1/2"	41" A.F.F	No	
EWC-2	ELKAY	#LMABF8WSSK	FILTERED, ELECTRIC WATER COOLER/BOTTLE FILLER: SATIN FINISHED STAINLESS STEEL BOWL AND CABINET, BOTTLE FILLING UNIT INCLUDES AN ELECTRONIC SENSOR FOR NO-TOUCH ACTIVATION. TRIM: ADJUSTABLE P-TRAP WITH CLEANOUT, 1/2" ANGLE STOP WITH LOOSE KEY HANDLE, 1/2" O	1/2"	1 1/2"	1 1/2"	36"	Yes	

WATER HAMMER ARRESTER (221119)

MARK	IPS	F.U. RATING	J.R. SMITH NO.	WADE NO.	ZURN NO.	REMARKS
A	3/4"	1-11	5005	W-5	100	P.D.I. CERTIFIED
B	1"	12-32	5010	W-10	200	P.D.I. CERTIFIED
C	1"	33-60	5020	W-20	300	P.D.I. CERTIFIED
D	1"	61-113	5030	W-50	400	P.D.I. CERTIFIED
E	1"	114-154	5040	W-75	500	P.D.I. CERTIFIED

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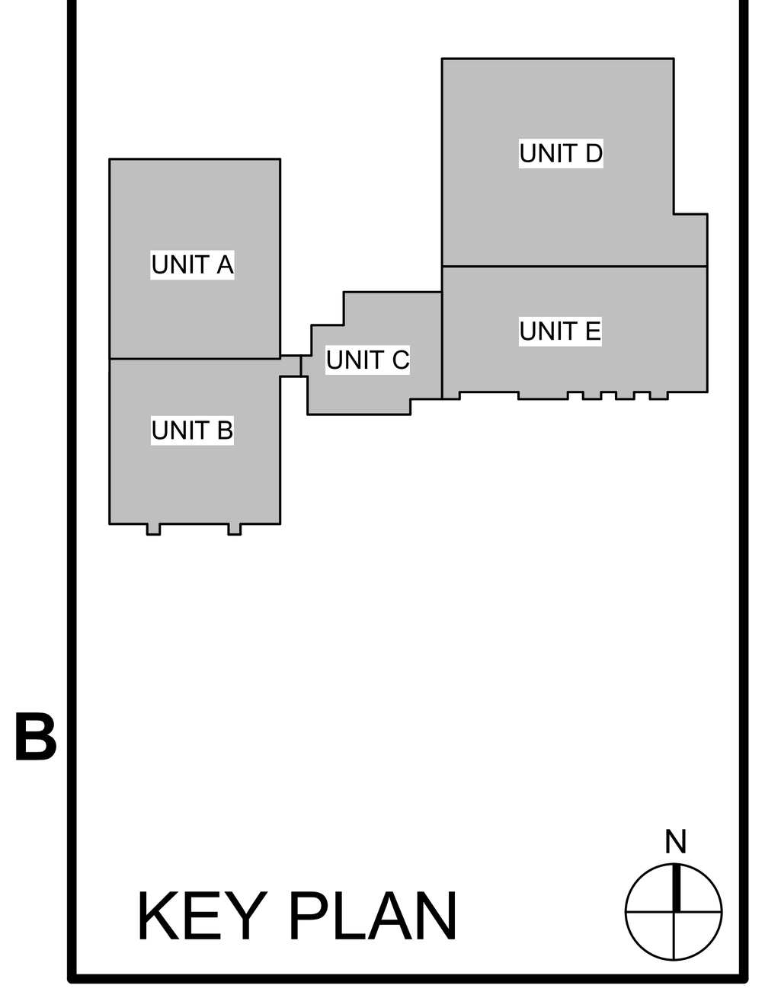
Project No. 2020-154.SMS
Project Date 07.26.2021
Produced JH / IOP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A2	ADDENDUM #2	08/18/2021

3635 173rd Street
Hammond, IN 46323



KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

PLUMBING DETAILS AND SCHEDULES

P-601

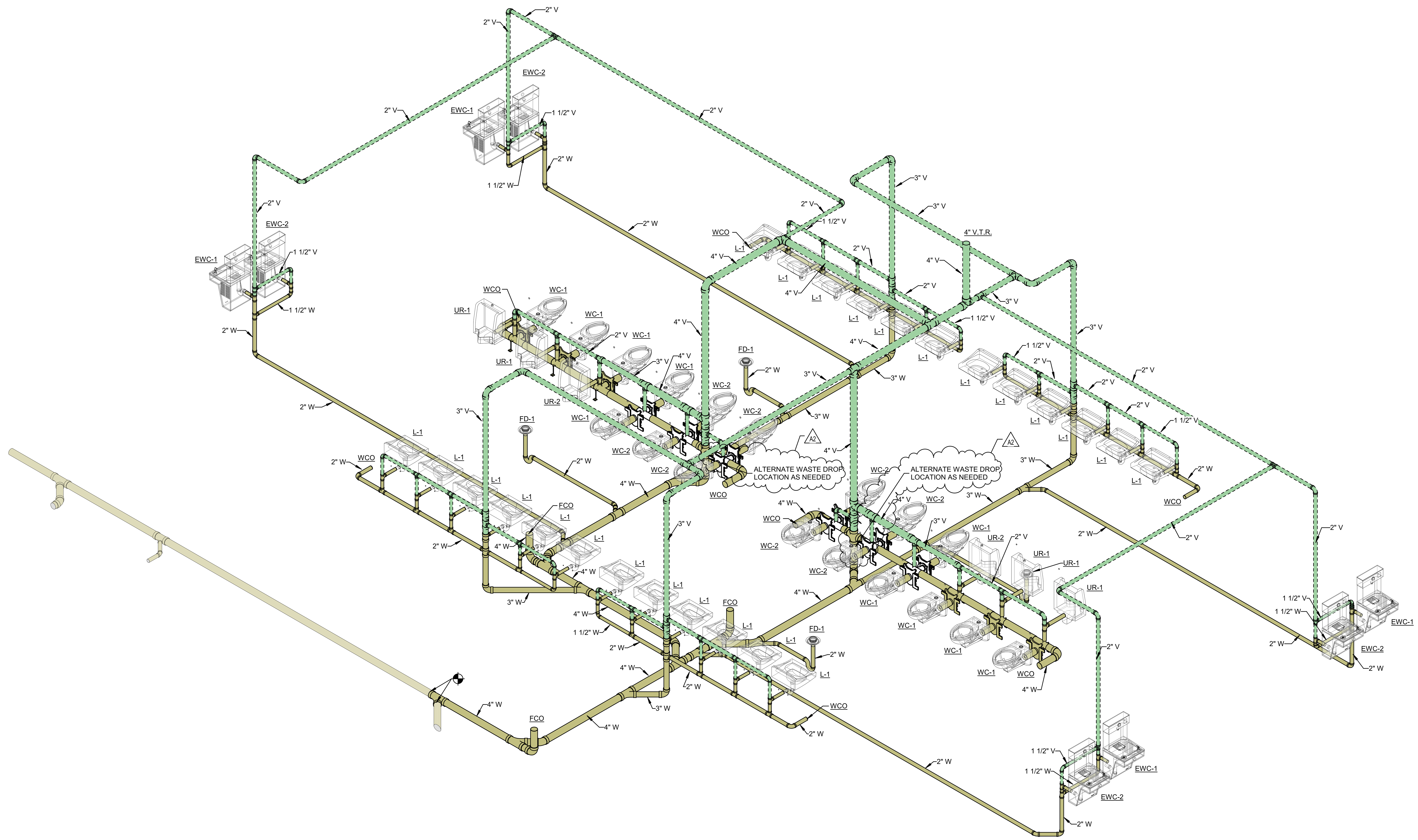
6 | 5 | 4 | 3 | 2 | 1

PLUMBING GENERAL NOTES

1. WALK-THRU CHASES ARE DESIGNED FOR MAINTENANCE PURPOSES. NO PIPING PERMITTED TO CROSS FROM A COMMON HEADER BELOW 8'-0" A.F.F.
2. CONTRACTOR SHALL JET AND THOROUGHLY FLUSH EXISTING SANITARY SEWERS WHERE DOCUMENTS CALL FOR NEW WASTE PIPE CONNECTIONS.
3. WHERE PLUMBING FIXTURE ROUGH-IN PIPING IS SHOWN TO BE ABANDONED IN WALLS OR BELOW FLOOR SLAB, ROUGH-INS SHALL BE REMOVED TO A POINT B EYOND THE FINISHED SURFACE AND CAPPED. PATCH SURFACE TO MATCH EXISTING FINISH.
4. CONDUCT SANITARY WASTE SCOPING TO CONFIRM PIPE ROUTING PRIOR TO CUTTING FLOOR SLAB.
5. SAW CUT AND PATCH FLOOR AS NEEDED FOR NEW ROUTING OF UNDERSLAB WASTE PIPING. ROUTE NEW WASTE PIPING TO EXISTING UNDERSLAB WASTE OF EQUAL OR LARGER PIPE DIAMETER AND CONNECT.
6. WHERE SANITARY VENT THROUGH ROOF IS NOT USED, REMOVE COMPLETE. WHERE SANITARY VENT THROUGH ROOF IS TO BE ABANDONED IN PLACE, CONTRACTOR SHALL PERMANENTLY CAP PIPE ABOVE AND BELOW ROOF FOR A WATER TIGHT SEAL.
7. EXISTING PIPE ROUTING, AS SHOWN ON DRAWINGS, IS BASED UPON RECORD DOCUMENTS AND FIELD SURVEYS. ACTUAL ROUTE OF CONCEALED PIPING MAY VARY. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PIPE ROUTING PRIOR TO SAW CUTTING OF FLOOR SLABS.
8. IN AREAS WHERE A FULL REMODEL IS INDICATED ON THE DRAWINGS, CONTRACTOR SHALL REMOVE ALL OVERHEAD PIPING AND HANGERS COMPLETE UNLESS OTHERWISE INDICATED.

PLUMBING FIXTURE ROUGH-IN LEGEND

MARK	FIXTURE CONNECTION			
	CW	HW	W	V
EWC-1	3/4"		1 1/2"	1 1/2"
EWC-2	1/2"		1 1/2"	1 1/2"
FD-1			2"	
FD-2			4"	
L-1	1/2"	1/2"	1 1/2"	1 1/2"
HB-1	3/4"			
IMB-1	1/2"			
MB-1	3/4"	3/4"	3"	1 1/2"
SK-1	1/2"	1/2"	1 1/2"	1 1/2"
SK-2	1/2"	1/2"	1 1/2"	1 1/2"
UR-1	3/4"		2"	1 1/2"
UR-2	3/4"		2"	1 1/2"
WC-1	1"		4"	2"
WC-2	1"		4"	2"



2A UNIT A WASTE AND VENT ISOMETRIC
NOT TO SCALE

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#	Revision	Date
A2	ADDENDUM #2	08/18/2021

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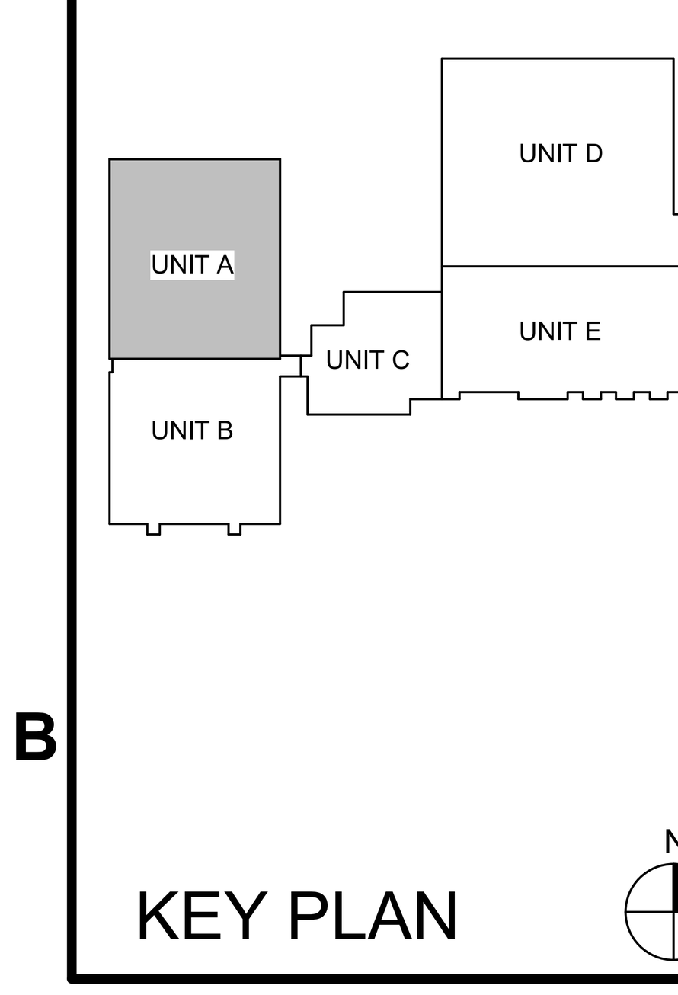


KEY PLAN

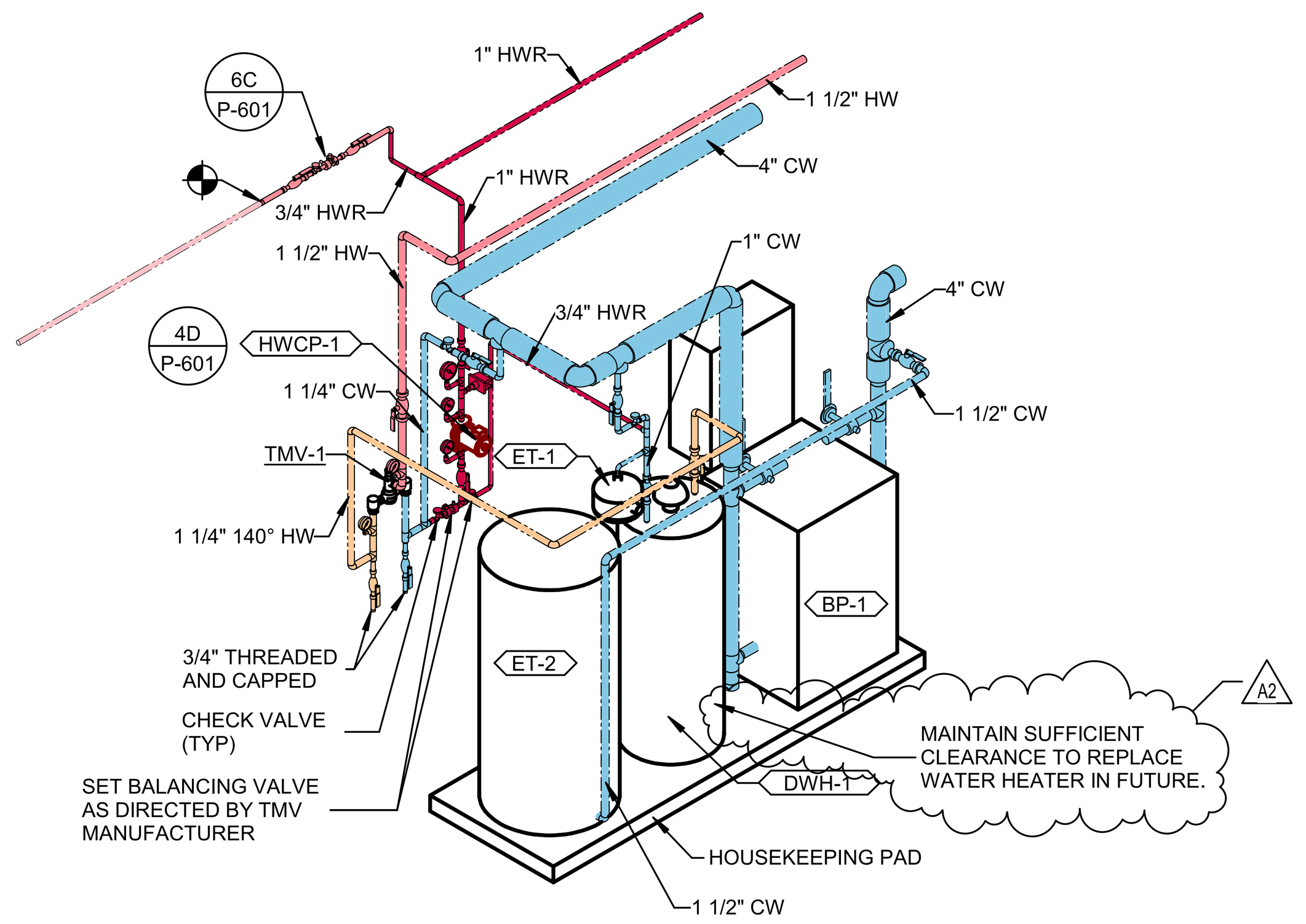
School City of Hammond

School City of Hammond

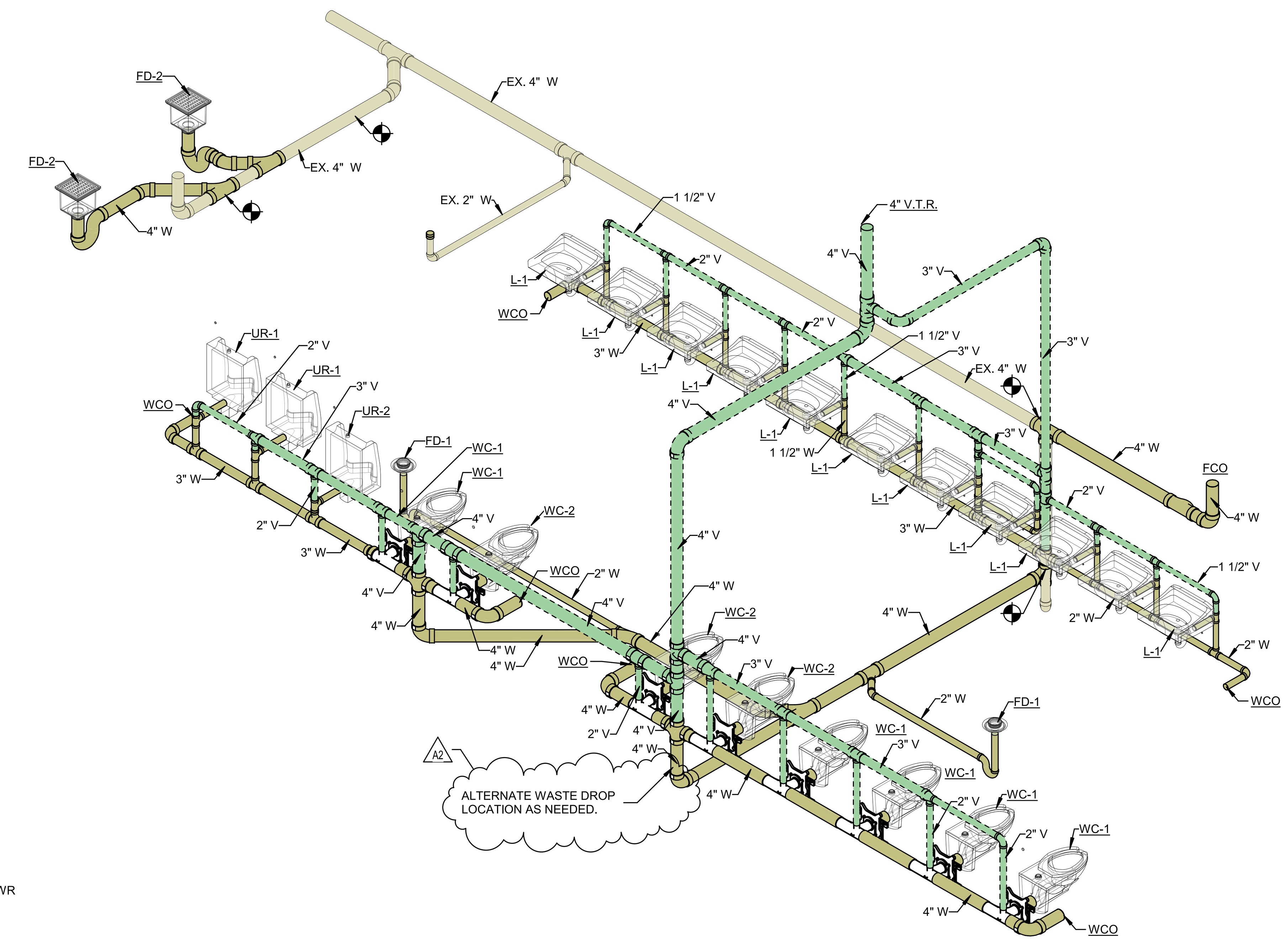
Scott Middle School - Renovations

WASTE AND VENT ISOMETRIC - UNIT A

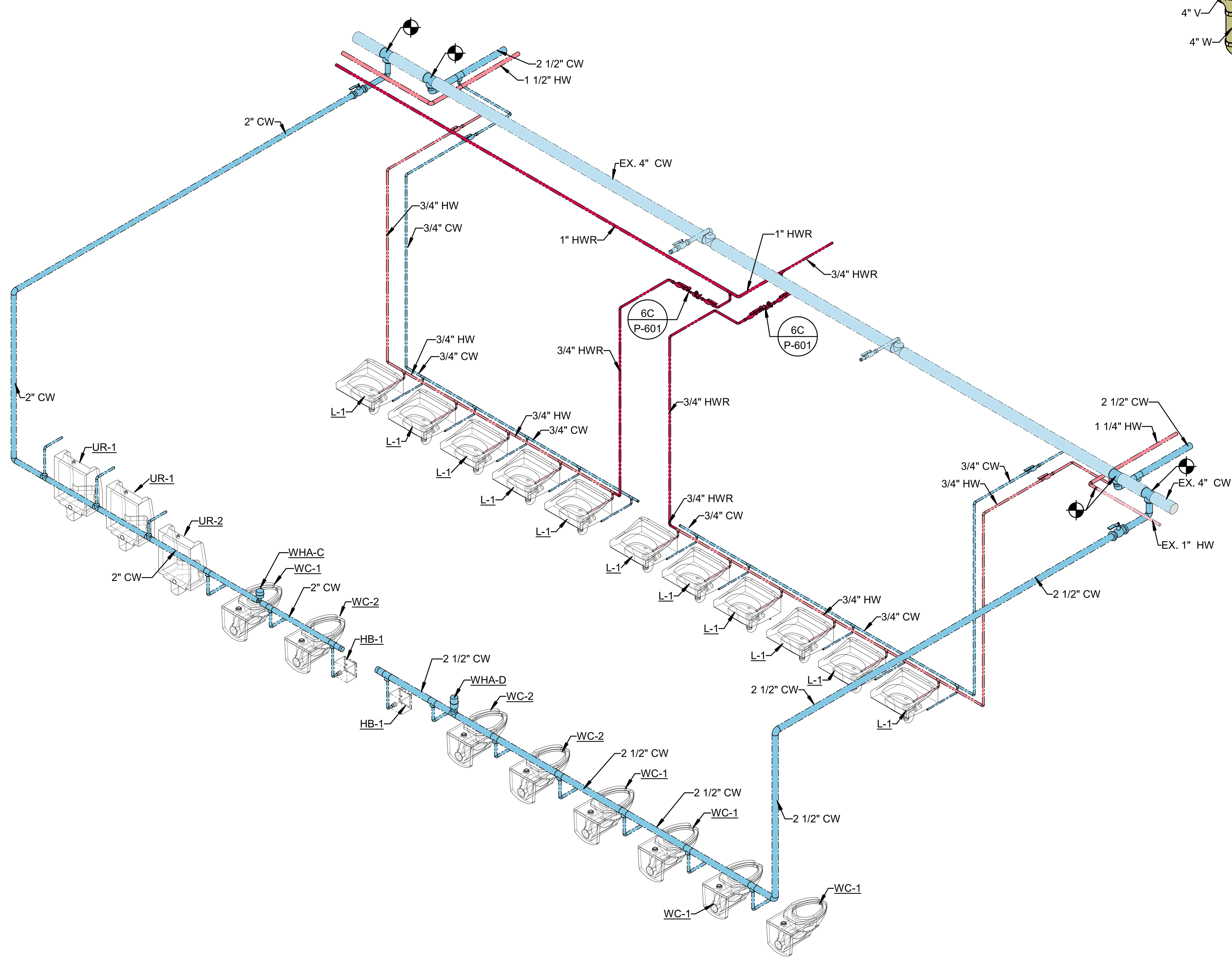
P-902



5D UNIT B DOMESTIC WATER ISOMETRIC - PLUMB #41
NOT TO SCALE



2B UNIT B WASTE AND VENT ISOMETRIC
NOT TO SCALE



4A UNIT B DOMESTIC WATER ISOMETRIC
NOT TO SCALE

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6. WHERE SANITARY VENT THROUGH ROOF IS NOT USED, REMOVE COMPLETE. WHERE SANITARY VENT THROUGH ROOF IS TO BE ABANDONED IN PLACE, CONTRACTOR SHALL PERMANENTLY CAP PIPE ABOVE AND BELOW ROOF FOR A WATER TIGHT SEAL.
7. EXISTING PIPE ROUTING, AS SHOWN ON DRAWINGS, IS BASED UPON RECORD DOCUMENTS AND FIELD SURVEYS. ACTUAL ROUTE OF CONCEALED PIPING MAY VARY. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PIPE ROUTING PRIOR TO SAW CUTTING OF FLOOR SLABS.
8. IN AREAS WHERE A FULL REMODEL IS INDICATED ON THE DRAWINGS, CONTRACTOR SHALL REMOVE ALL OVERHEAD PIPING AND HANGERS COMPLETE UNLESS OTHERWISE INDICATED.

PLUMBING FIXTURE ROUGH-IN LEGEND

MARK	FIXTURE CONNECTION CW	HW	W	V
EWC-1	3/4"		1 1/2"	1 1/2"
EWC-2	1/2"		1 1/2"	1 1/2"
FD-1			2"	
FD-2			4"	
L-1	1/2"	1/2"	1 1/2"	1 1/2"
HB-1	3/4"			
IMB-1	1/2"			
MB-1	3/4"	3/4"	3"	1 1/2"
SK-1	1/2"	1/2"	1 1/2"	1 1/2"
SK-2	1/2"	1/2"	1 1/2"	1 1/2"
UR-1	3/4"		2"	1 1/2"
UR-2	3/4"		2"	1 1/2"
WC-1	1"		4"	2"
WC-2	1"		4"	2"

SCHMIDT ASSOCIATES
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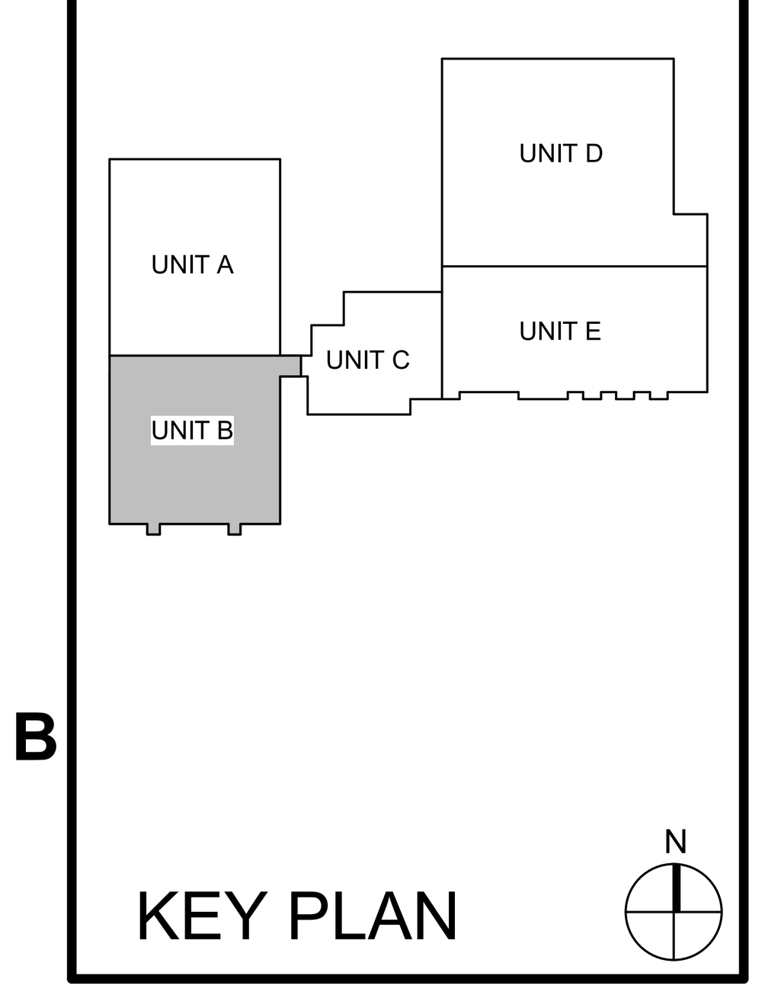
Project No. 2020-154.SMS
Project Date 07.26.2021
Produced JH / IOP

SARAH KATHLEEN HEMPSTEAD REGISTERED ARCHITECT NO. AR10400134 STATE OF INDIANA

#	Revision	Date
A2	ADDENDUM #2	08/18/2021

3635 173rd Street
Hammond, IN 46323



KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

PLUMBING ISOMETRICS - UNIT B

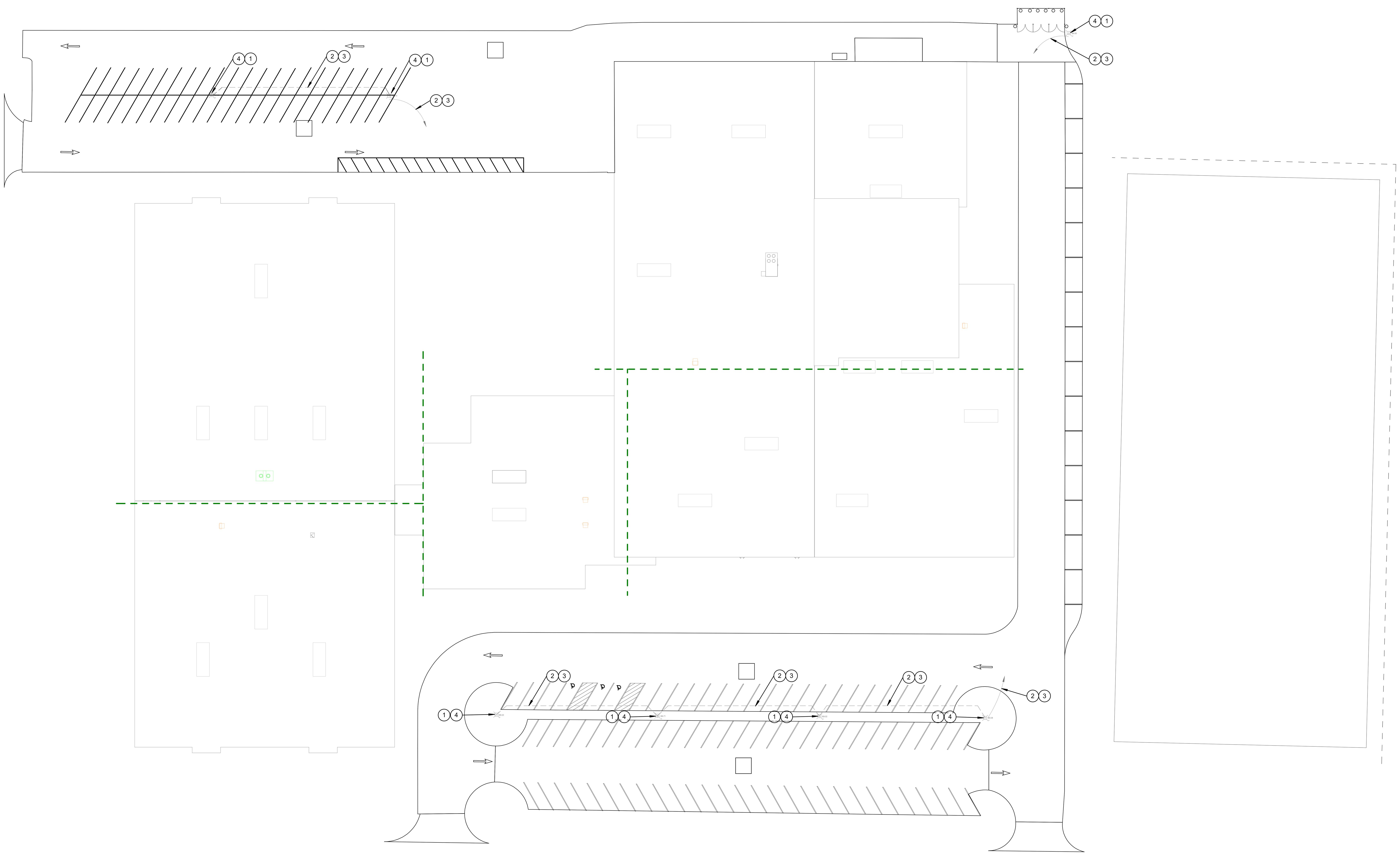
P-903

GENERAL SITE NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	REFER TO LOCAL UTILITIES GUIDE FOR DETAILS AND REQUIREMENTS. INCLUDING, BUT NOT LIMITED TO, SERVICE REQUIREMENTS FOR UNDERGROUND PRIMARY, PROTECTIVE POLES FOR PAD-MOUNTED EQUIPMENT, UTILITY TRANSFORMER CONCRETE PAD DETAIL, ETC. INCLUDE ALL UTILITY FEES REQUIRED IN BID.

SITE PLAN NOTES

#	NOTES
1	CONNECT NEW UNDERGROUND CONDUIT TO EXISTING SITE LIGHT POLE CONDUIT AT POLE BASE FOR ROUTING OF NEW CIRCUITS.
2	PROVIDE NEW UNDERGROUND CONDUITS FROM CONCRETE LIGHT POLE BASE TO BUILDING. REPLACE WIRING FROM LIGHT POLE LUMINAIRE TO LIGHTING CONTACTORS SERVING THE LIGHT POLES LOCATED IN THE BUILDING.
3	NEW CONDUITS SERVING EXISTING SITE LIGHT FIXTURES SHALL FOLLOW SAME UNDERGROUND PATH AS EXISTING UNDERGROUND CONDUIT SERVING EXISTING SITE LIGHT FIXTURES.
4	EXISTING SITE LIGHT FIXTURE TO REMAIN.



1A SITE PLAN
1" = 30'-0"

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Project Date 07.26.2021
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SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum 1	08.11.2021
A2	Addendum 2	08.18.2021

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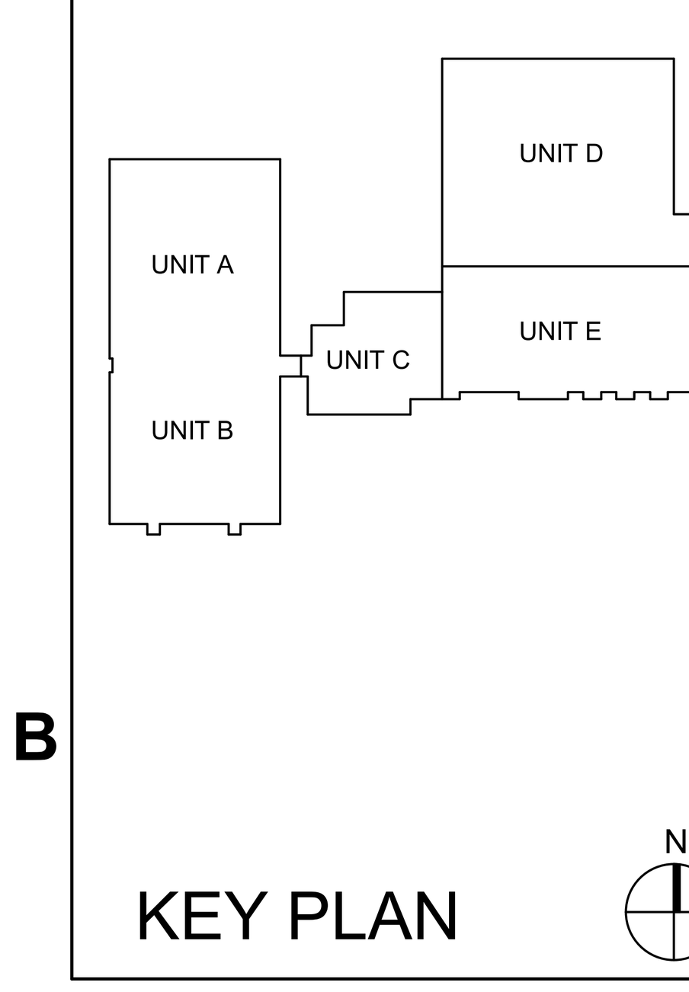
Hammond, IN 46323



KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

SITE PLAN

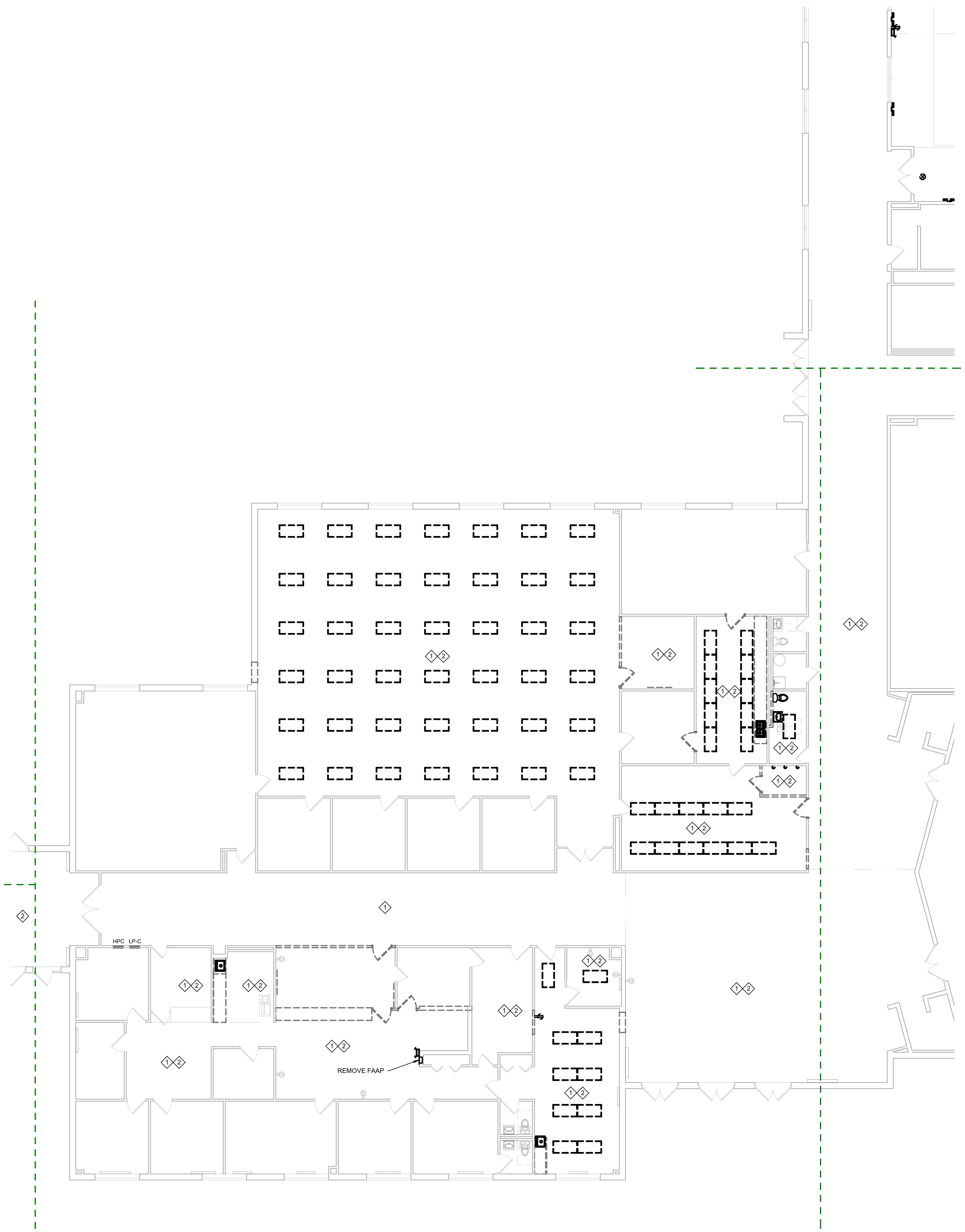
ES101

GENERAL DEMOLITION NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
C	CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
D	THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT.
E	THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
F	ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN.
G	REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.
H	COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
I	PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS.
J	PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS RECEIVING NEW WALL TREATMENTS, PATCH THE EXISTING OPENING.
K	REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. RE-INSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILINGS.

DEMOLITION PLAN NOTES

#	NOTES
1	REMOVE LIGHTING AND LIGHTING CONTROLS IN THIS ROOM.
2	PRESERVE LIGHTING CIRCUITS FOR REUSE IN NEW WORK.



2A FIRST FLOOR DEMOLITION PLAN - UNIT C
1/8" = 1'-0"

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Project Date 07.26.2021
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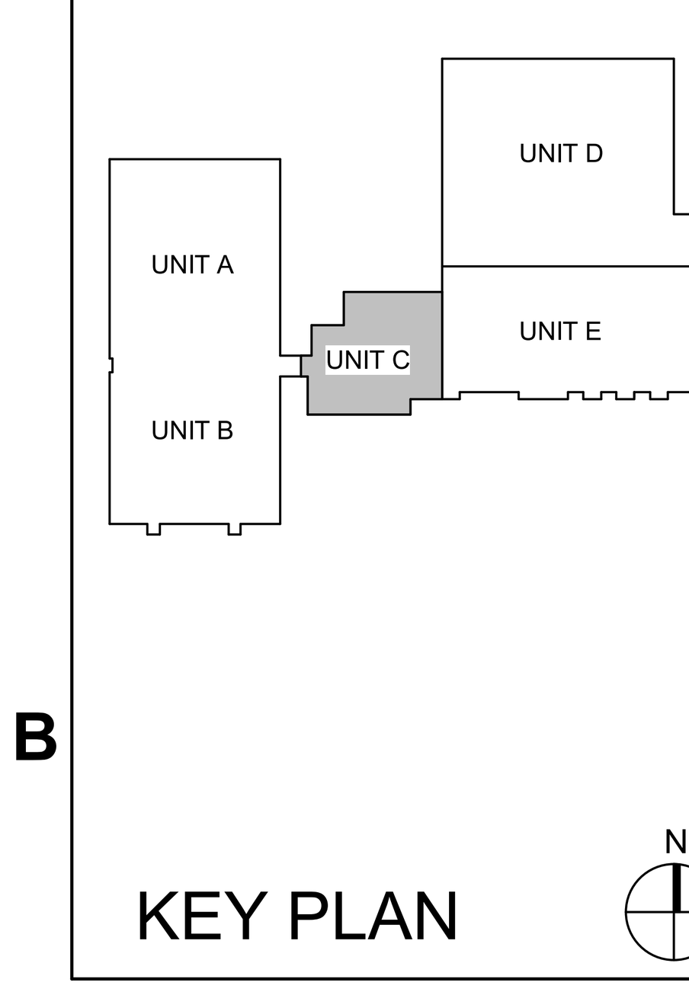
#	Revision	Date
A2	Addendum 2	08.18.2021

3635 173rd Street
Hammond, IN 46323



KEY PLAN

School City of Hammond

School City of Hammond

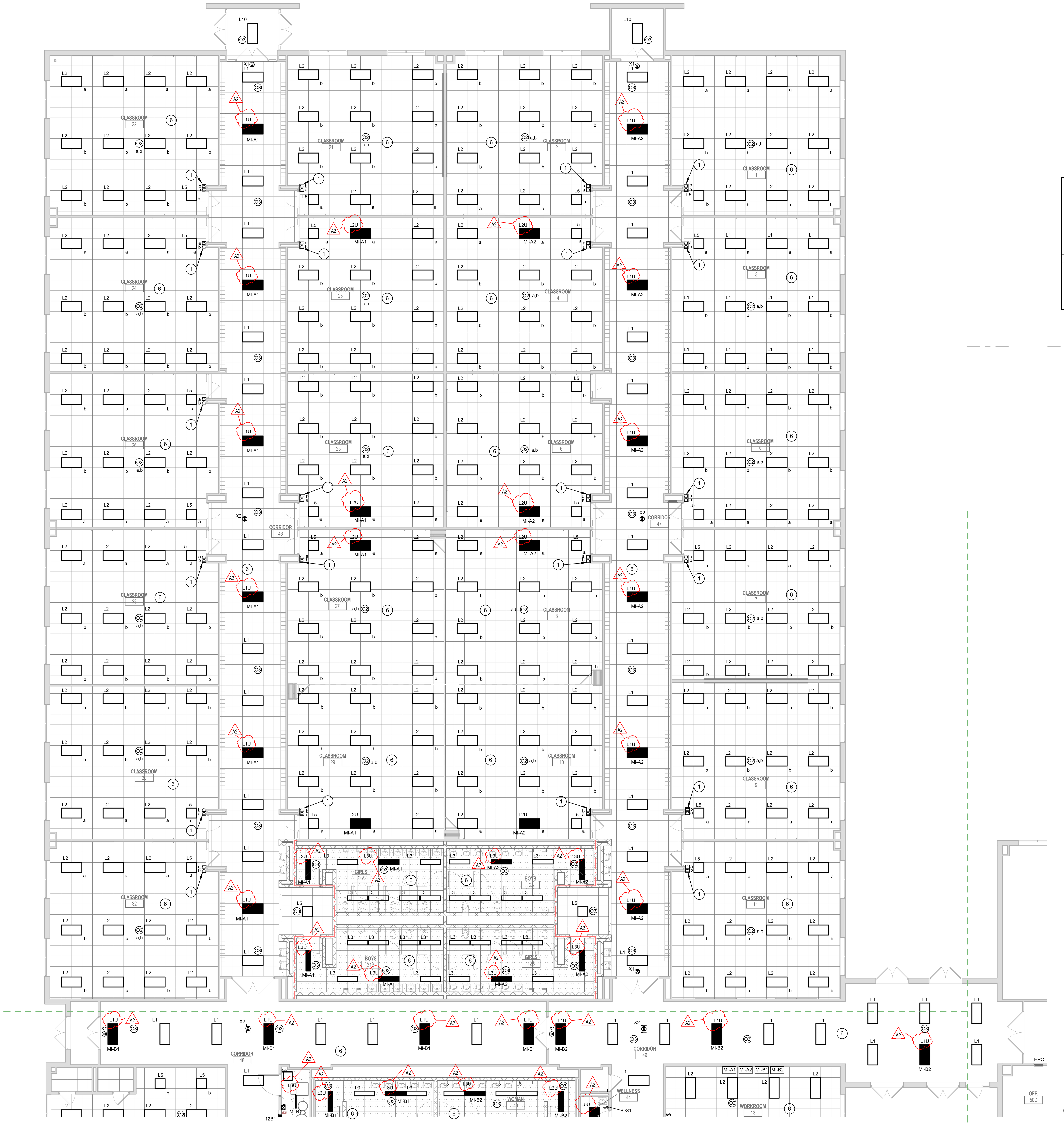
Scott Middle School - Renovations

FIRST FLOOR DEMOLITION PLAN - UNIT C

ED1C1

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.



2A FIRST FLOOR LIGHTING PLAN - UNIT A
1/8" = 1'-0"

LIGHTING PLAN NOTES

#	NOTES
1	PROVIDE 2-GANG SURFACE MOUNT BOX TO ACCOMMODATE (2) DECORA LINE VOLTAGE DIMMERS. OUTLET BOX COLOR TO MATCH EXISTING SWITCH FACEPLATE COLOR.
2	CONNECT AISLE LIGHTS TO EXISTING CIRCUIT SERVING AUDITORIUM LIGHTING. FEED AISLE LIGHTS FROM TRANSFORMER. COORDINATE FINAL TRANSFORMER LOCATION IN FIELD WITH OWNER. CONTROL AISLE LIGHTS FROM EXISTING AUDITORIUM LIGHTING CONTROL SYSTEM. CONNECT COMPLETE.
3	CARPET TO FLOOR TYPE AISLE LIGHT FIXTURE.
4	CARPET TO WALL TYPE AISLE LIGHT FIXTURE. INSTALL LIGHT FIXTURE CONTINUOUSLY ON STEP TREAD AND RISERS.
5	TRENCH FLOOR TO WALL FOR CONDUIT PATHWAY. TRANSITION TO SINGLE CHANNEL RACEWAY UP WALL. TRANSITION TO CONDUIT IN CONCEALED ACCESSIBLE CEILING.
6	CIRCUIT NEW LIGHT FIXTURES TO EXISTING CIRCUIT SERVING THIS ROOM/AREA COMPLETE.

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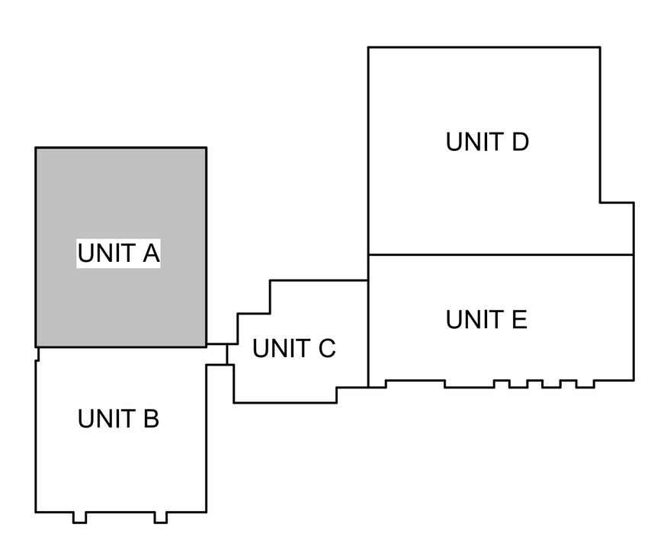


KEY PLAN

School City of Hammond

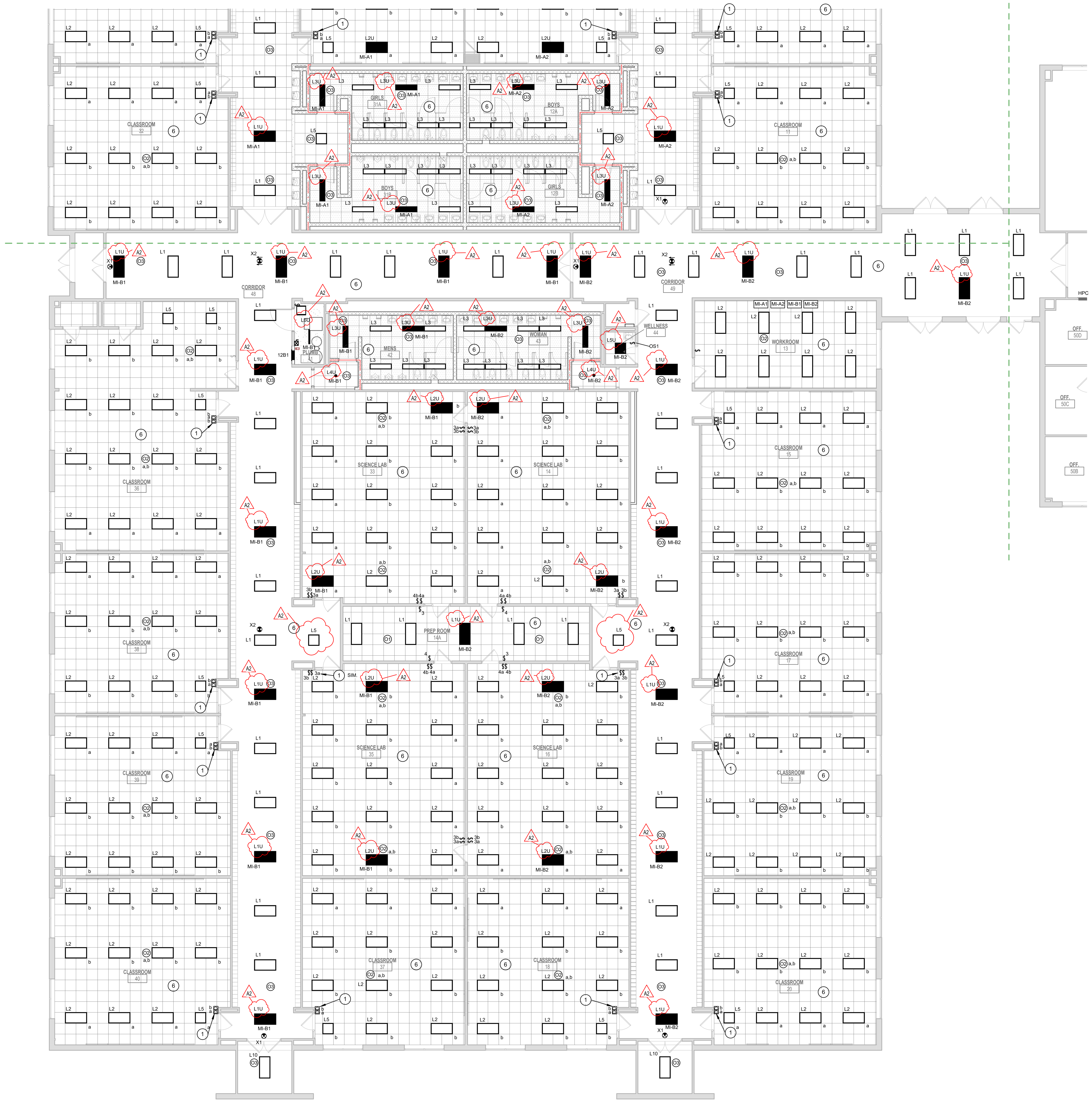
School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR LIGHTING PLAN - UNIT A

EL1A1

GENERAL LIGHTING NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.



LIGHTING PLAN NOTES

#	NOTES
1	PROVIDE 2-GANG SURFACE MOUNT BOX TO ACCOMMODATE (2) DECORA LINE VOLTAGE DIMMERS. OUTLET BOX COLOR TO MATCH EXISTING SWITCH FACEPLATE COLOR.
2	CONNECT AISLE LIGHTS TO EXISTING CIRCUIT SERVING AUDITORIUM LIGHTING. FEED AISLE LIGHTS FROM TRANSFORMER. COORDINATE FINAL TRANSFORMER LOCATION IN FIELD WITH OWNER. CONTROL AISLE LIGHTS FROM EXISTING AUDITORIUM LIGHTING CONTROL SYSTEM. CONNECT COMPLETE.
3	CARPET TO FLOOR TYPE AISLE LIGHT FIXTURE.
4	CARPET TO WALL TYPE AISLE LIGHT FIXTURE. INSTALL LIGHT FIXTURE CONTINUOUSLY ON STEP TREAD AND RISERS.
5	TRENCH FLOOR TO WALL FOR CONDUIT PATHWAY. TRANSITION TO SINGLE CHANNEL RACEWAY UP WALL. TRANSITION TO CONDUIT IN CONCEALED ACCESSIBLE CEILING.
6	CIRCUIT NEW LIGHT FIXTURES TO EXISTING CIRCUIT SERVING THIS ROOM/AREA COMPLETE.

2A FIRST FLOOR LIGHTING PLAN - UNIT B
1/8" = 1'-0"

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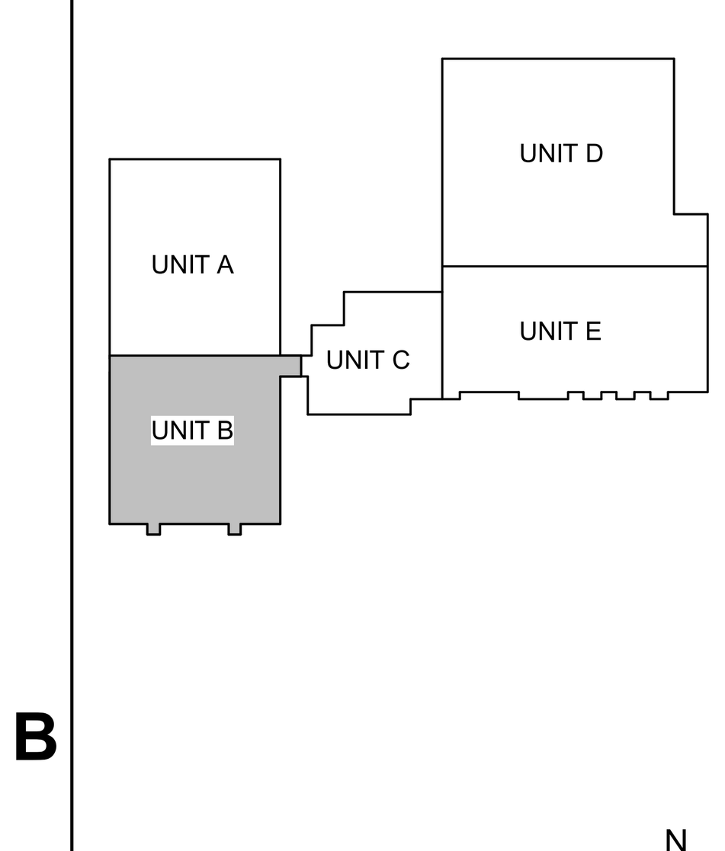

KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR LIGHTING PLAN - UNIT B

EL1B1

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

LIGHTING PLAN NOTES

#	NOTES
1	PROVIDE 2-GANG SURFACE MOUNT BOX TO ACCOMMODATE (2) DECORA LINE VOLTAGE DIMMERS. OUTLET BOX COLOR TO MATCH EXISTING SWITCH FACEPLATE COLOR.
2	CONNECT AISLE LIGHTS TO EXISTING CIRCUIT SERVING AUDITORIUM LIGHTING. FEED AISLE LIGHTS FROM TRANSFORMER. COORDINATE FINAL TRANSFORMER LOCATION IN FIELD WITH OWNER. CONTROL AISLE LIGHTS FROM EXISTING AUDITORIUM LIGHTING CONTROL SYSTEM. CONNECT COMPLETE.
3	CARPET TO FLOOR TYPE AISLE LIGHT FIXTURE.
4	CARPET TO WALL TYPE AISLE LIGHT FIXTURE. INSTALL LIGHT FIXTURE CONTINUOUSLY ON STEP TREAD AND RISERS.
5	TRENCH FLOOR TO WALL FOR CONDUIT PATHWAY. TRANSITION TO SINGLE CHANNEL RACEWAY UP WALL. TRANSITION TO CONDUIT IN CONCEALED ACCESSIBLE CEILING.
6	CIRCUIT NEW LIGHT FIXTURES TO EXISTING CIRCUIT SERVING THIS ROOM/AREA COMPLETE.

2A **FIRST FLOOR LIGHTING PLAN - UNIT C**
1/8" = 1'-0"

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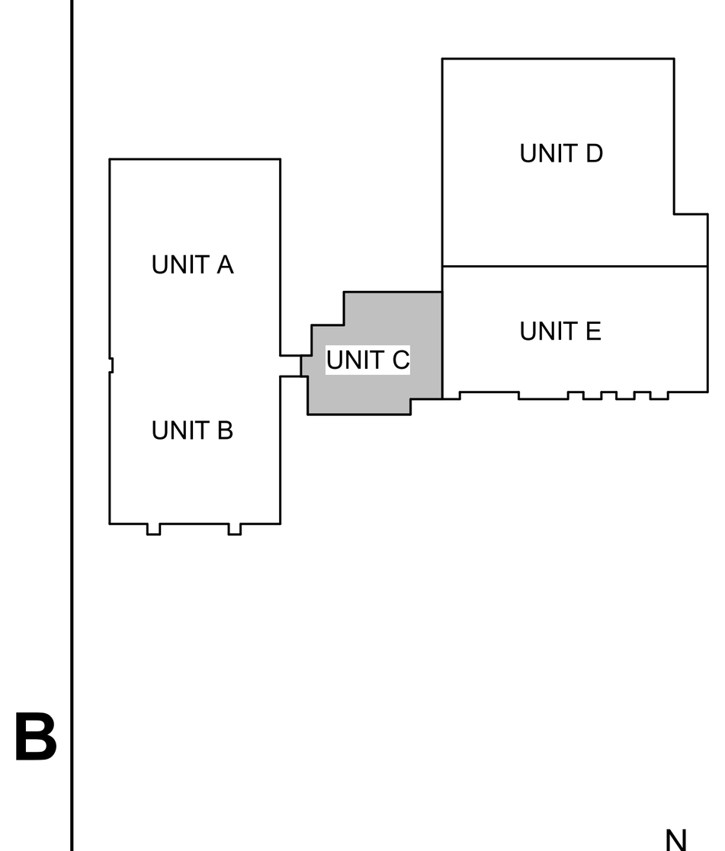

KEY PLAN

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR LIGHTING PLAN - UNIT C

EL1C1

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

LIGHTING PLAN NOTES

#	NOTES
1	PROVIDE 2-GANG SURFACE MOUNT BOX TO ACCOMMODATE (2) DECORA LINE VOLTAGE DIMMERS. OUTLET BOX COLOR TO MATCH EXISTING SWITCH FACEPLATE COLOR.
2	CONNECT AISLE LIGHTS TO EXISTING CIRCUIT SERVING AUDITORIUM LIGHTING. FEED AISLE LIGHTS FROM TRANSFORMER. COORDINATE FINAL TRANSFORMER LOCATION IN FIELD WITH OWNER. CONTROL AISLE LIGHTS FROM EXISTING AUDITORIUM LIGHTING CONTROL SYSTEM. CONNECT COMPLETE.
3	CARPET TO FLOOR TYPE AISLE LIGHT FIXTURE.
4	CARPET TO WALL TYPE AISLE LIGHT FIXTURE. INSTALL LIGHT FIXTURE CONTINUOUSLY ON STEP TREAD AND RISERS.
5	TRENCH FLOOR TO WALL FOR CONDUIT PATHWAY. TRANSITION TO SINGLE CHANNEL RACEWAY UP WALL. TRANSITION TO CONDUIT IN CONCEALED ACCESSIBLE CEILING.
6	CIRCUIT NEW LIGHT FIXTURES TO EXISTING CIRCUIT SERVING THIS ROOM/AREA COMPLETE.

2A FIRST FLOOR LIGHTING PLAN - UNIT D
1/8" = 1'-0"

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Project No. 2020-154.SMS
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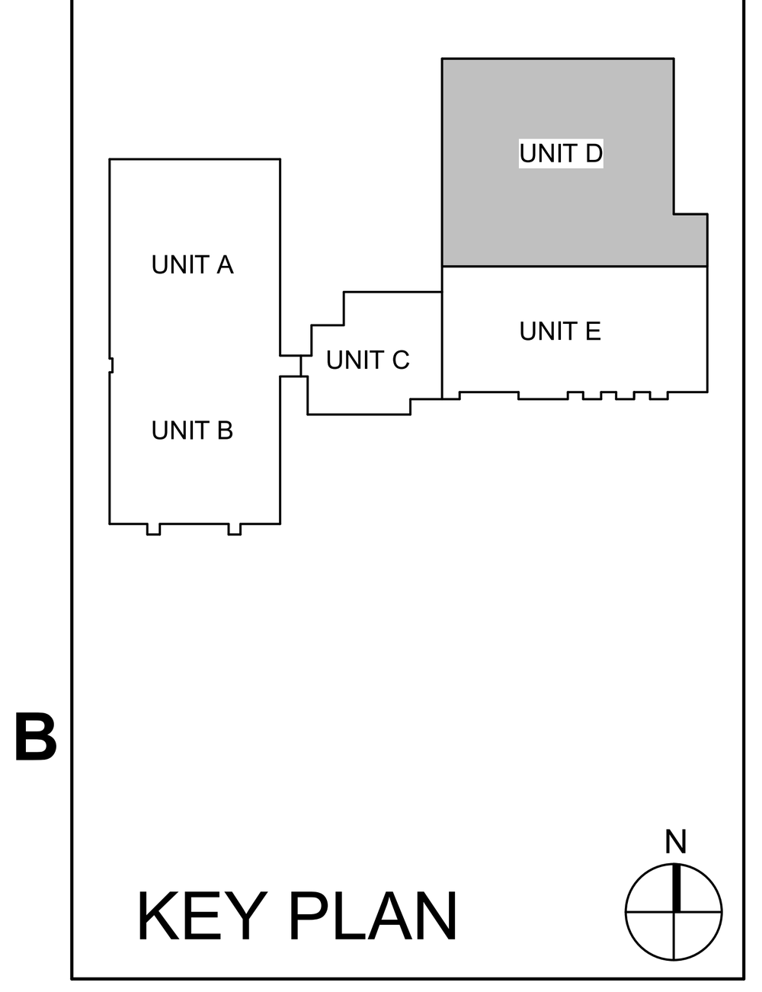
3635 173rd Street
Hammond, IN 46323



KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR LIGHTING PLAN - UNIT D

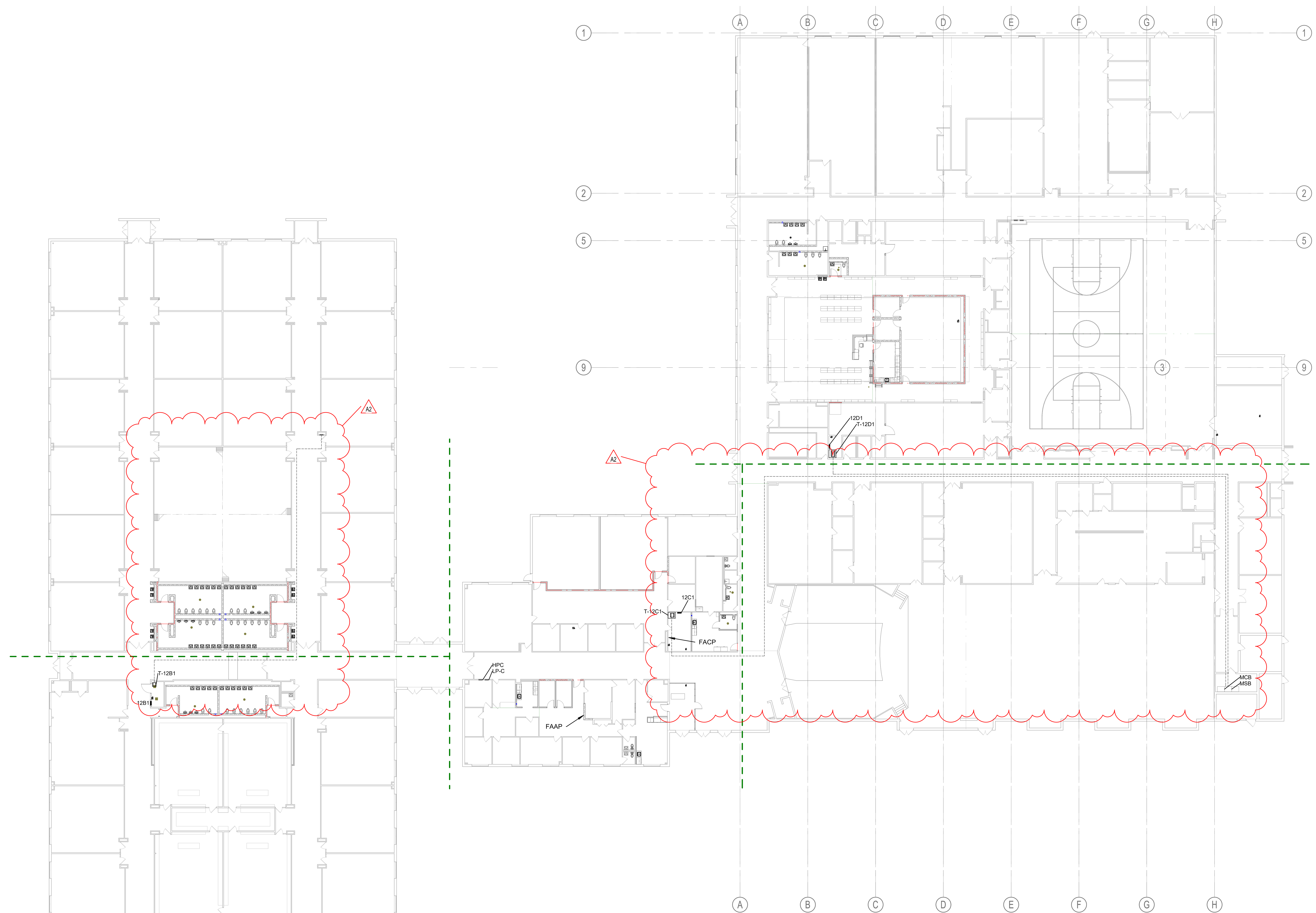
EL1D1

GENERAL POWER NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

POWER PLAN NOTES

#	NOTES
1	PROVIDE QUADRAPLEX POWER RECEPTACLE TO SERVE WALL MOUNT SMART DISPLAY. CONNECT POWER RECEPTACLE TO EXISTING POWER CIRCUIT SERVING EXISTING PROJECTOR / SMARTBOARD. COORDINATE FINAL ROUGH-IN LOCATION WITH T-SERIES DRAWINGS PRIOR TO ROUGH-IN.
2	PROVIDE GFCI CIRCUIT BREAKER.
3	PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICE LOCATED ON BLEACHERS.
4	INSTALL RECEPTACLE ON BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX.
5	INSTALL SCOREBOARD OUTLET IN BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX.
6	12" X 12" X 6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT +5'-0" A.F.F. TO CL. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED AND WIRED BY THE MANUFACTURER. INSTALL (1) 3/4"C BETWEEN JUNCTION BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
7	INSTALL (1) 1" CONDUIT FROM OUTLET BOX TO SCOREBOARD FOR CONTROL WIRING.
8	PROVIDE QUADRAPLEX RECEPTACLE TO SERVE WALL MOUNT DISPLAY. COORDINATE FINAL OUTLET BOX LOCATION WITH OWNER PRIOR TO ROUGH-IN.
9	PROVIDE FLOOR BOX. REFER TO EQUIPMENT SCHEDULES FOR ADDITIONAL INFORMATION. VERIFY FINAL FLOOR BOX LOCATION IN FIELD WITH OWNER PRIOR TO INSTALLATION.
10	FEED DISCONNECT SWITCH FROM CORRESPONDING ROOF MOUNTED CONDENSING UNIT (CU). CONNECT COMPLETE TO SPLIT SYSTEM UNIT (SS).



2A FIRST FLOOR ROUTING PLAN
3/64" = 1'-0"

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Project No. 2020-154.SMS
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Produced Designer Author

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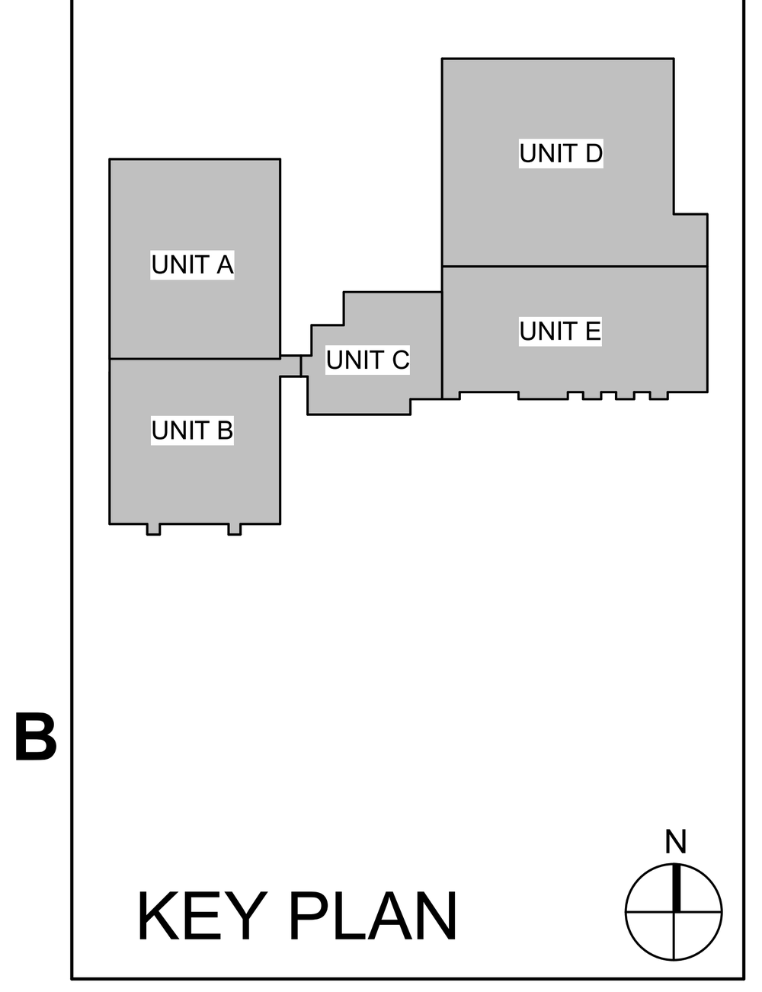

KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

OVERALL FIRST FLOOR POWER PLAN

EP101

GENERAL POWER NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

A2

POWER PLAN NOTES

#	NOTES
1	PROVIDE QUADRAPLEX POWER RECEPTACLE TO SERVE WALL MOUNT SMART DISPLAY. CONNECT POWER RECEPTACLE TO EXISTING POWER CIRCUIT SERVING EXISTING PROJECTOR / SMARTBOARD. COORDINATE FINAL ROUGH-IN LOCATION WITH T-SERIES DRAWINGS PRIOR TO ROUGH-IN.
2	PROVIDE GFCI CIRCUIT BREAKER.
3	PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICE LOCATED ON BLEACHERS.
4	INSTALL RECEPTACLE ON BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX.
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7	INSTALL (1) 1" CONDUIT FROM OUTLET BOX TO SCOREBOARD FOR CONTROL WIRING.
8	PROVIDE QUADRAPLEX RECEPTACLE TO SERVE WALL MOUNT DISPLAY. COORDINATE FINAL OUTLET BOX LOCATION WITH OWNER PRIOR TO ROUGH-IN.
9	PROVIDE FLOOR BOX. REFER TO EQUIPMENT SCHEDULES FOR ADDITIONAL INFORMATION. VERIFY FINAL FLOOR BOX LOCATION IN FIELD WITH OWNER PRIOR TO INSTALLATION.
10	FEED DISCONNECT SWITCH FROM CORRESPONDING ROOF MOUNTED CONDENSING UNIT (CU). CONNECT COMPLETE TO SPLIT SYSTEM UNIT (SS).

2A FIRST FLOOR POWER PLAN - UNIT A
1/8" = 1'-0"

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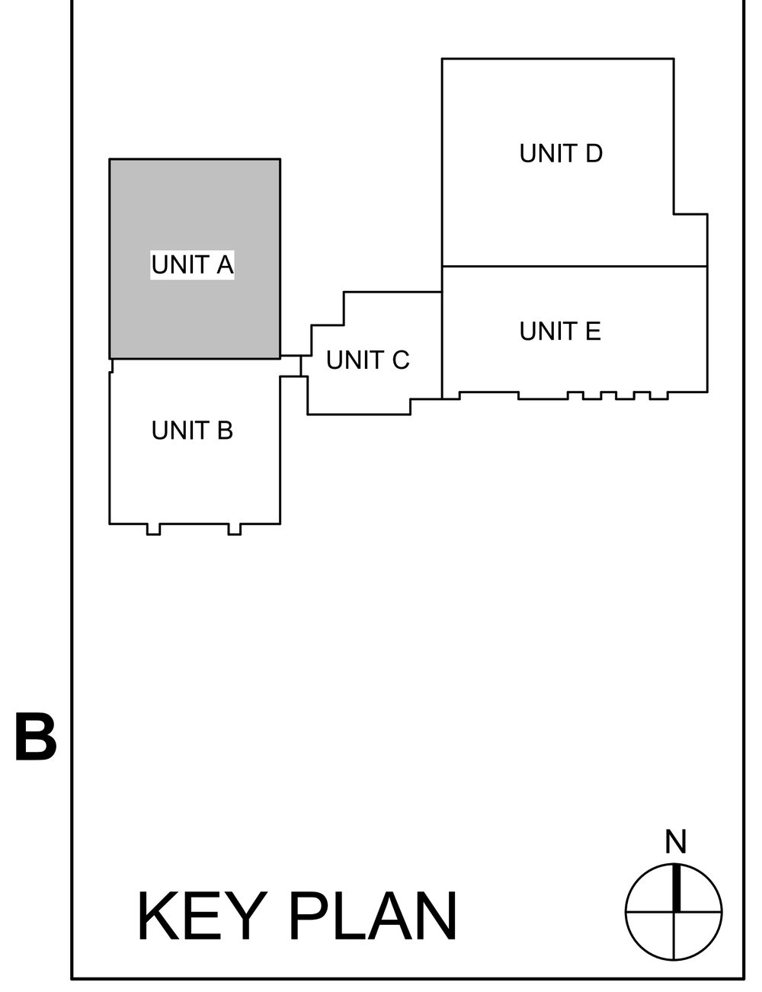


KEY PLAN

School City of Hammond

School City of Hammond

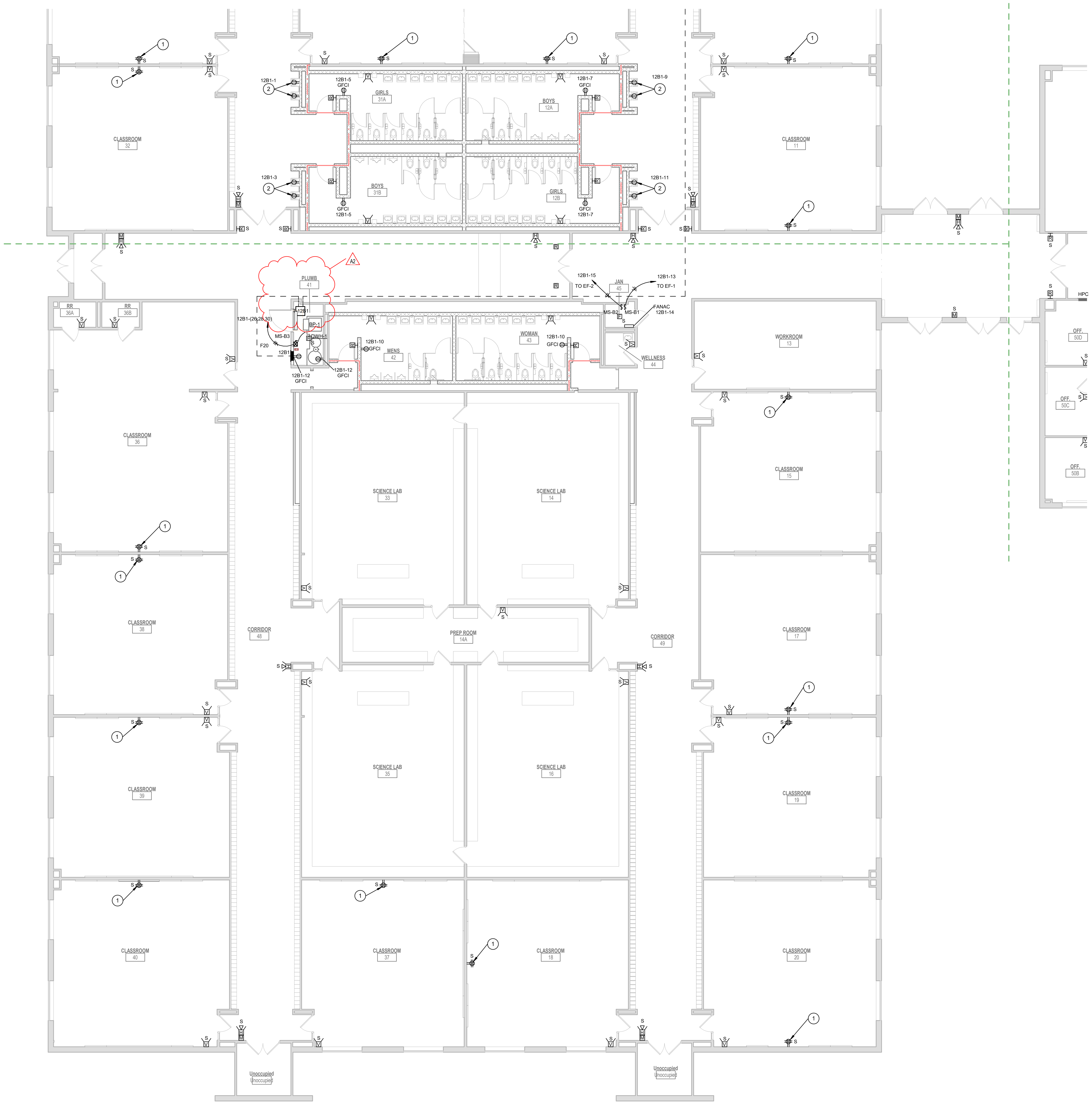
Scott Middle School - Renovations

FIRST FLOOR POWER PLAN - UNIT A

EP1A1

GENERAL POWER NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.



POWER PLAN NOTES

#	NOTES
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2A FIRST FLOOR POWER PLAN - UNIT B
1/8" = 1'-0"

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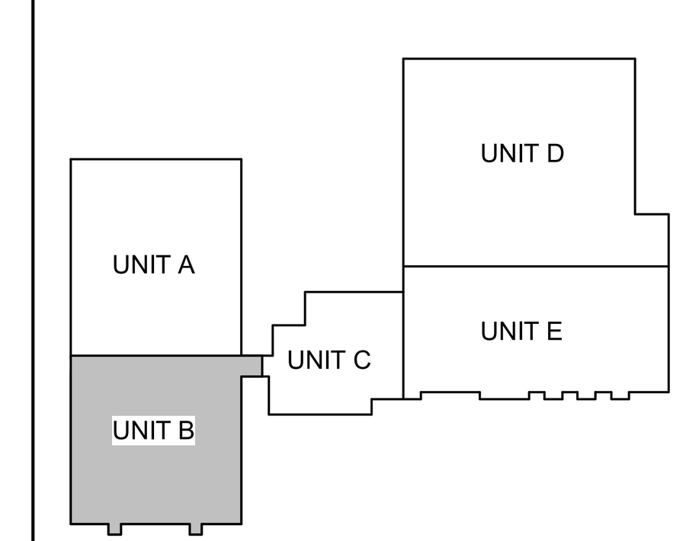
Produced JH GL

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum 1	08.11.2021
A2	Addendum 2	08.18.2021

3635 173rd Street
Hammond, IN 46323



KEY PLAN

School City of Hammond

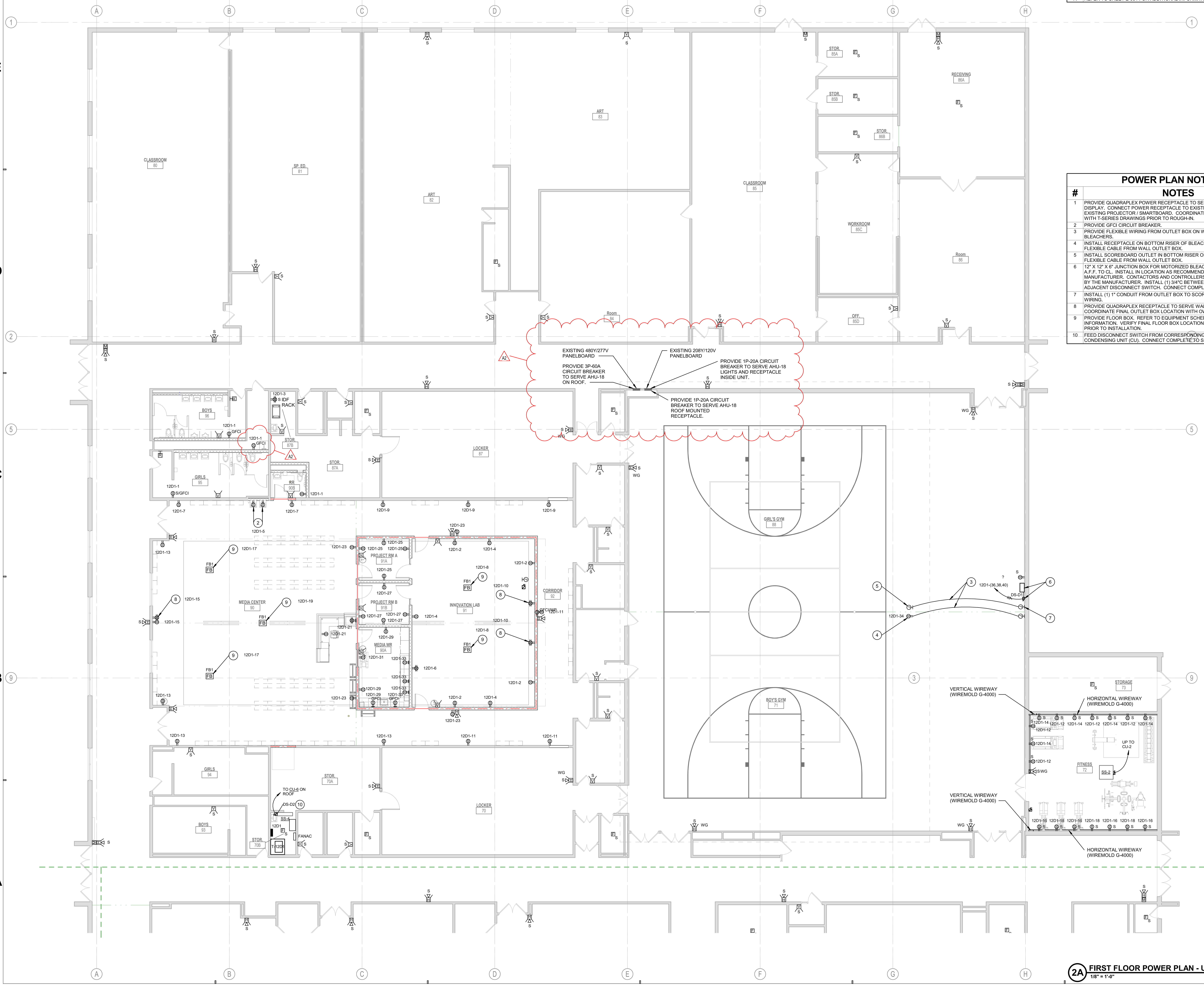
School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR POWER PLAN - UNIT B

EP1B1

GENERAL POWER NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.



2A FIRST FLOOR POWER PLAN - UNIT D
1/8" = 1'-0"

POWER PLAN NOTES	
#	NOTES
1	PROVIDE QUADRAPLEX POWER RECEPTACLE TO SERVE WALL MOUNT SMART DISPLAY. CONNECT POWER RECEPTACLE TO EXISTING POWER CIRCUIT SERVING EXISTING PROJECTOR / SMARTBOARD. COORDINATE FINAL ROUGH-IN LOCATION WITH T-SERIES DRAWINGS PRIOR TO ROUGH-IN.
2	PROVIDE GFCI CIRCUIT BREAKER.
3	PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICE LOCATED ON BLEACHERS.
4	INSTALL RECEPTACLE ON BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX.
5	INSTALL SCOREBOARD OUTLET IN BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX.
6	12" X 12" X 6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT +5'-0" A.F.F. TO CL. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED AND WIRED BY THE MANUFACTURER. INSTALL (1) 3/4"C BETWEEN JUNCTION BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
7	INSTALL (1) 1" CONDUIT FROM OUTLET BOX TO SCOREBOARD FOR CONTROL WIRING.
8	PROVIDE QUADRAPLEX RECEPTACLE TO SERVE WALL MOUNT DISPLAY. COORDINATE FINAL OUTLET BOX LOCATION WITH OWNER PRIOR TO ROUGH-IN.
9	PROVIDE FLOOR BOX. REFER TO EQUIPMENT SCHEDULES FOR ADDITIONAL INFORMATION. VERIFY FINAL FLOOR BOX LOCATION IN FIELD WITH OWNER PRIOR TO INSTALLATION.
10	FEED DISCONNECT SWITCH FROM CORRESPONDING ROOF MOUNTED CONDENSING UNIT (CU). CONNECT COMPLETE TO SPLIT SYSTEM UNIT (SS).

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Project No. 2020-154.SMS
Project Date 07.26.2021
Produced JH GL

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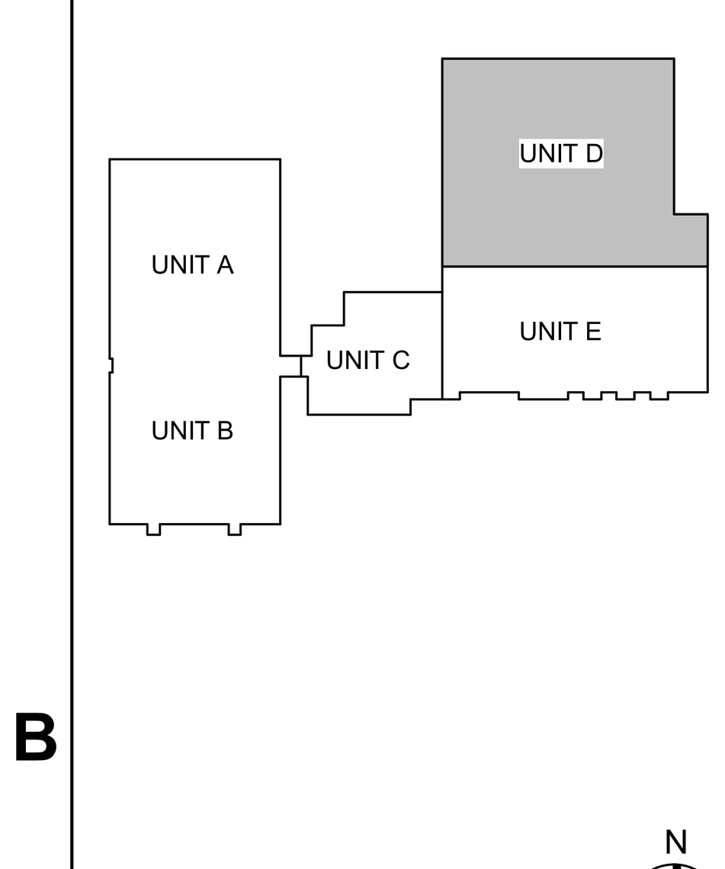


KEY PLAN

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR POWER PLAN - UNIT D

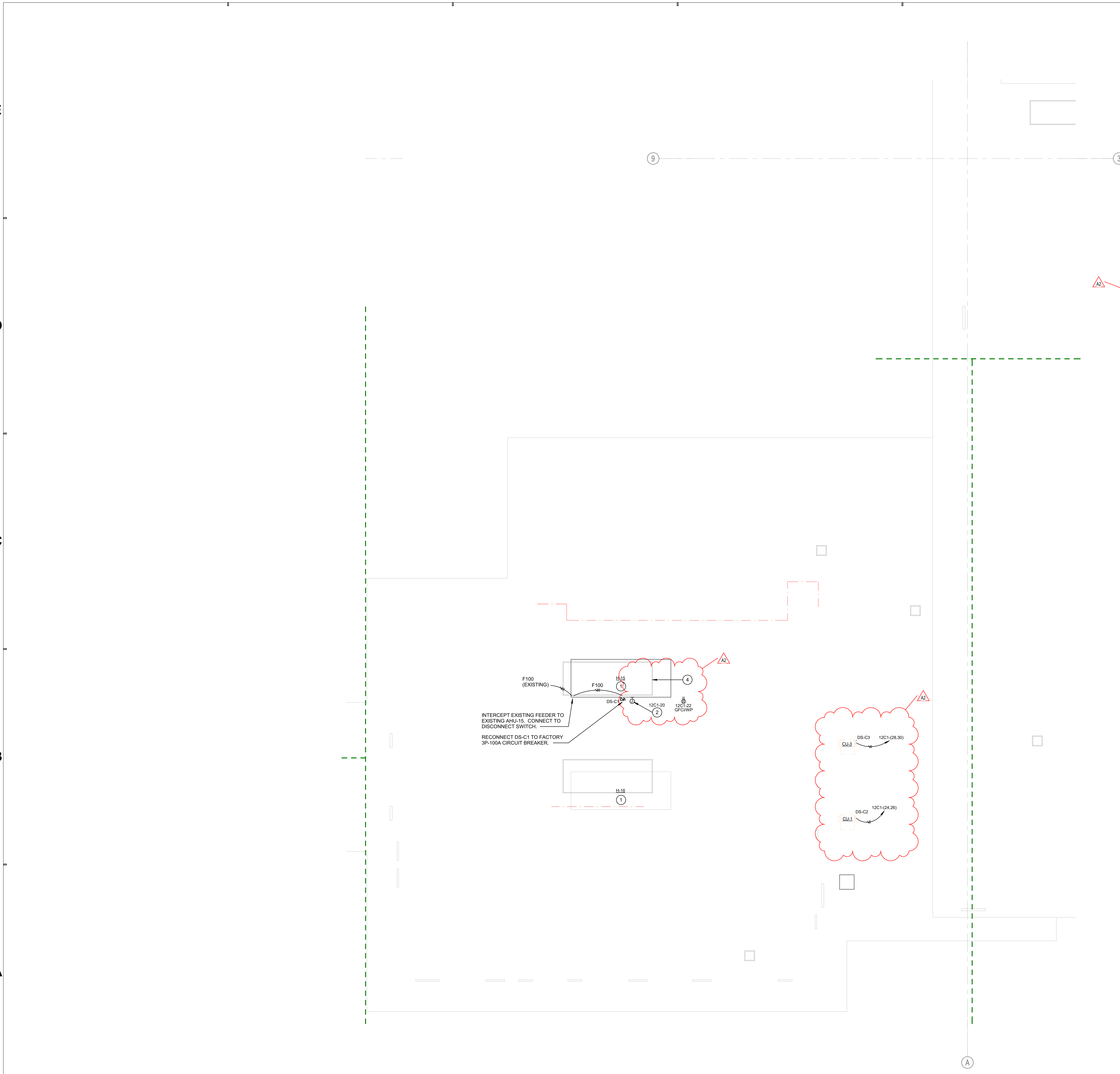
EP1D1

GENERAL ROOF NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

ROOF PLAN NOTES

#	NOTES
1	DISCONNECT AND RECONNECT POWER TO ROOFTOP UNIT TO ACCOMMODATE REROOFING WORK. COORDINATE WITH A-SERIES AND M-SERIES DRAWINGS. RECONNECT POWER TO ROOFTOP UNIT COMPLETE.
2	CIRCUIT CONNECTION FOR UNIT MOUNTED POWER RECEPTACLES. DUPLEX RECEPTACLE BY AHU MANUFACTURER.
3	EXISTING H-18 TO BE REMOVED COMPLETELY. REMOVE EXISTING 208V SERVICE COMPLETELY BACK TO SOURCE.
4	THE EXISTING FEED GOING TO H-15 IS SERVED FROM PANELBOARD PP-J, 100 A CIRCUIT BREAKER. WHEN THE EXISTING H-15 IS REMOVED, THE EXISTING FEEDER ON ROOF IS BEING EXTENDED TO THE LINE SIDE OF THE NEW NEMA 3R HEAVY DUTY FUSED DISCONNECT SWITCH (WITH 90A FUSES) THAT WILL BE LOCATED NEXT TO H-15. ON THE LOAD SIDE OF THE DISCONNECT SWITCH THE FEEDER WILL GO INTO THE H-15 CONTROL PANEL.



2A ROOF PLAN - UNIT C
1/8" = 1'-0"

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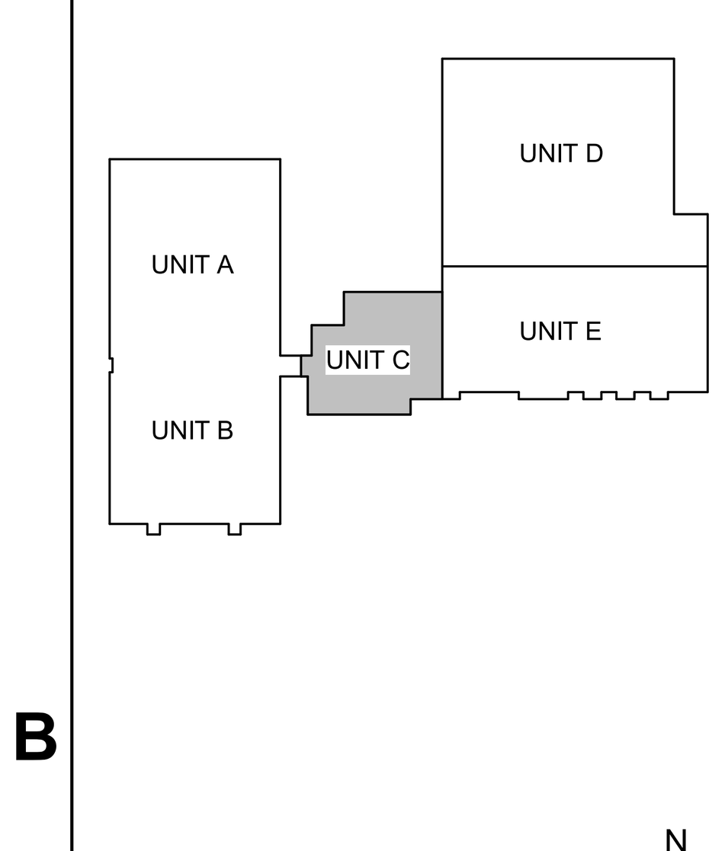


KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

ROOF PLAN - UNIT C

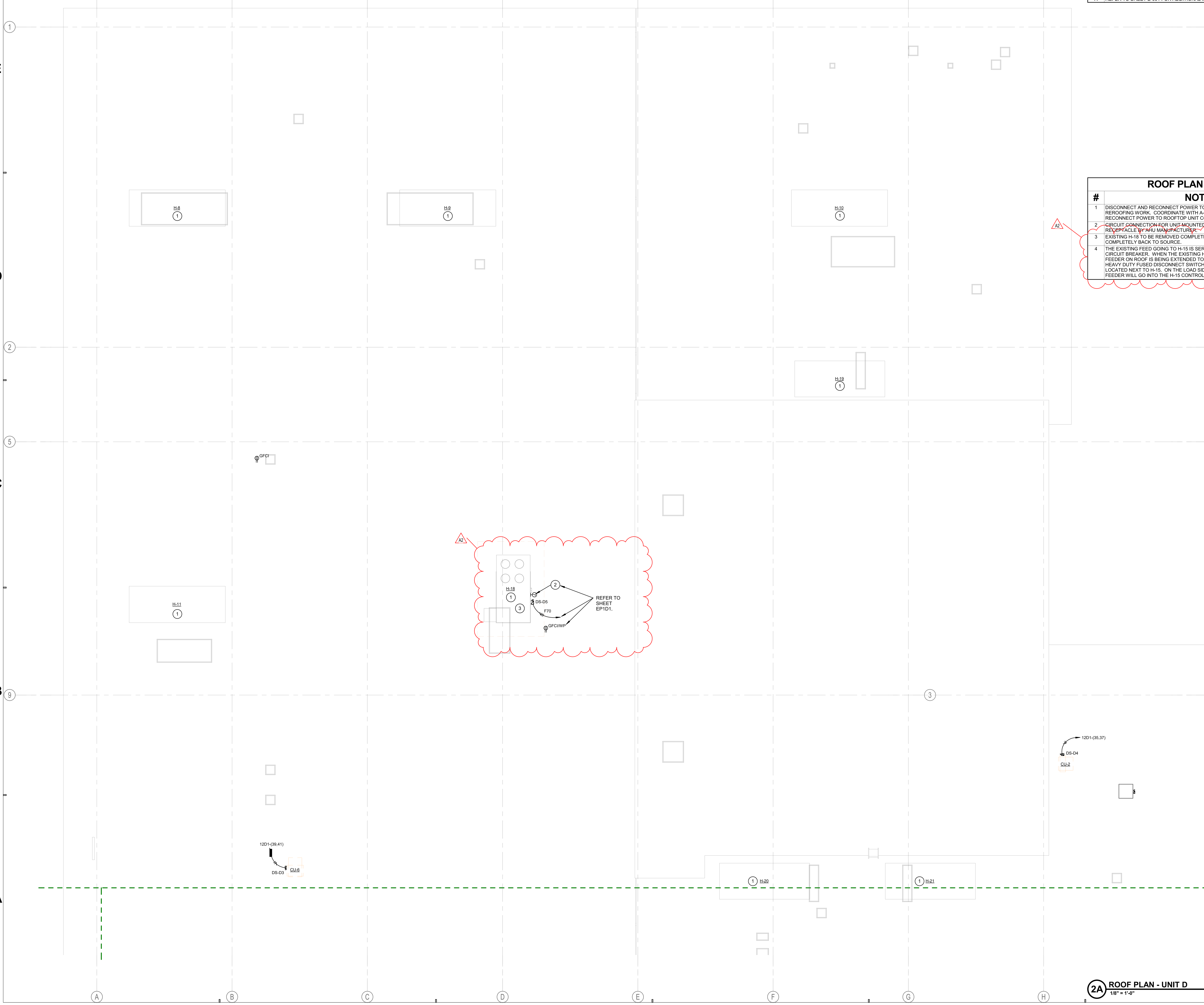
ER1C1

GENERAL ROOF NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

ROOF PLAN NOTES

#	NOTES
1	DISCONNECT AND RECONNECT POWER TO ROOFTOP UNIT TO ACCOMMODATE REROOFING WORK. COORDINATE WITH A-SERIES AND M-SERIES DRAWINGS. RECONNECT POWER TO ROOFTOP UNIT COMPLETE.
2	CIRCUIT CONNECTION FOR UNIT MOUNTED POWER RECEPTACLES. DUPLEX RECEPTACLE BY AHU MANUFACTURER.
3	EXISTING H-18 TO BE REMOVED COMPLETELY. REMOVE EXISTING 208V SERVICE COMPLETELY BACK TO SOURCE.
4	THE EXISTING FEED GOING TO H-15 IS SERVED FROM PANELBOARD PP-J, 100 A CIRCUIT BREAKER. WHEN THE EXISTING H-15 IS REMOVED, THE EXISTING FEEDER ON ROOF IS BEING EXTENDED TO THE LINE SIDE OF THE NEW NEMA 3R HEAVY DUTY FUSED DISCONNECT SWITCH (WITH 90A FUSES) THAT WILL BE LOCATED NEXT TO H-15. ON THE LOAD SIDE OF THE DISCONNECT SWITCH THE FEEDER WILL GO INTO THE H-15 CONTROL PANEL.



2A ROOF PLAN - UNIT D
1/8" = 1'-0"

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Project No. 2020-154.SMS
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#	Revision	Date
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Hammond, IN 46323

KEY PLAN (UNIT A, UNIT B, UNIT C, UNIT D, UNIT E)

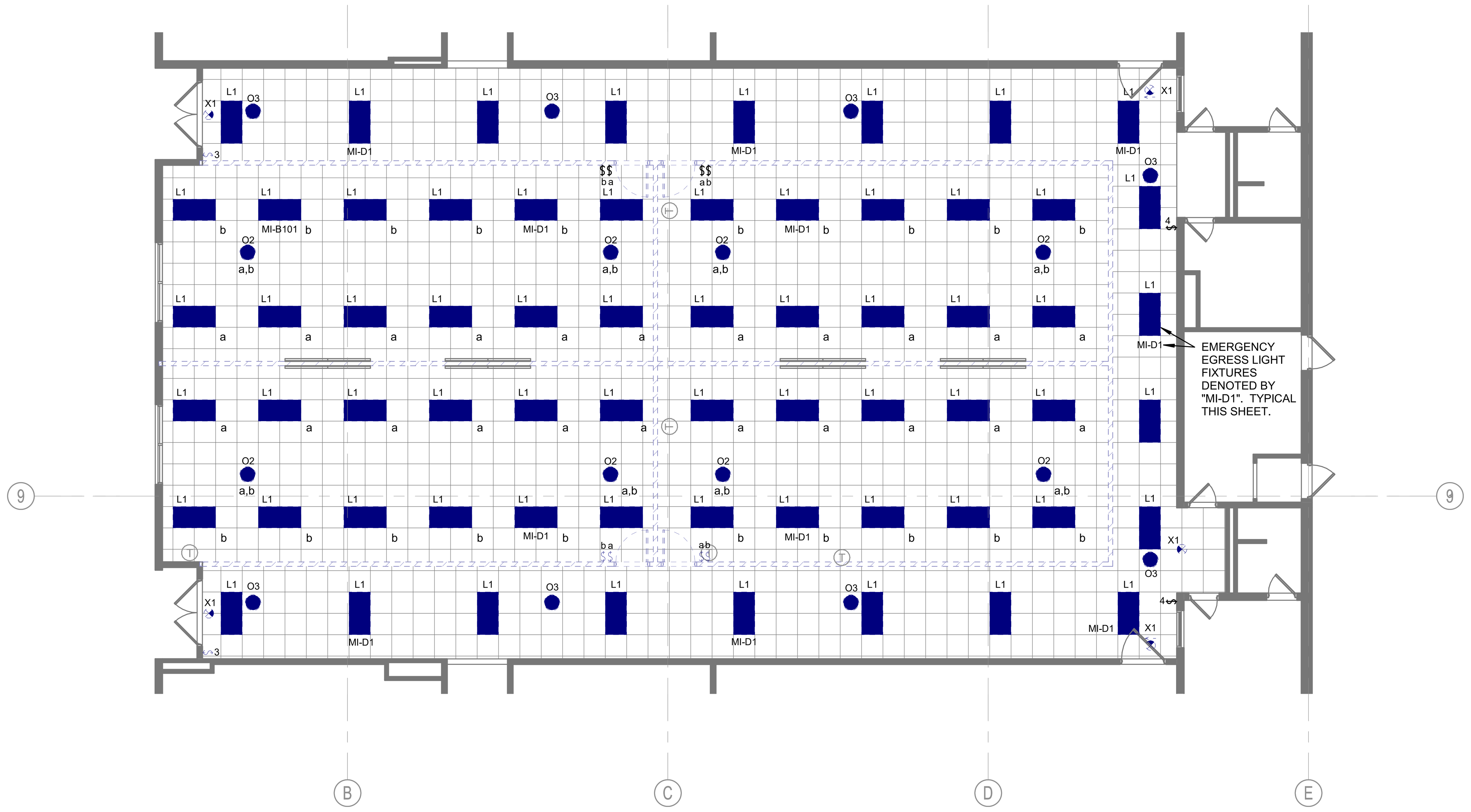
School City of Hammond

School City of Hammond

Scott Middle School - Renovations

ROOF PLAN - UNIT D

ER1D1



4D TEMPORARY FIRST FLOOR LIGHTING PLAN - UNIT D
1/8" = 1'-0"

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

BRANCH PANELBOARD SCHEDULE

DESIGNATION: 12D1-T
LOCATION: Space 205
MOUNTING: SURFACE
SUPPLY FROM:
VOLTS: 208Y/120 V
PHASES: 3
WIRES: 4
AIC RATING:
MAINS RATING: 125 A
MAINS TYPE: MCB

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	A	B	B	C	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
--	1	CLASSROOM LIGHTING	LIGHTING	20 A	1	1.20	0.00					1	20 A		SPARE	2	--
--	3	CLASSROOM LIGHTING	LIGHTING	20 A	1			1.20	0.00			1	20 A		SPARE	4	--
--	5	CORRIDOR LIGHTING	LIGHTING	20 A	1					1.00	0.00	1	20 A		SPARE	6	--
--	7	CLASSROOM TEACHER DESK	RECEPT	20 A	1	1.00	0.00					1	20 A		SPARE	8	--
--	9	CLASSROOM CONVENIENCE	RECEPT	20 A	1			1.00	0.00			1	20 A		SPARE	10	--
--	11	CLASSROOM CONVENIENCE	RECEPT	20 A	1					0.00	0.00	1	20 A		SPARE	12	--
--	13	CLASSROOM TEACHER DESK	RECEPT	20 A	1	1.00	0.00					1	20 A		SPARE	14	--
--	15	CLASSROOM CONVENIENCE	RECEPT	20 A	1			0.00	0.00			1	20 A		SPARE	16	--
--	17	CLASSROOM CONVENIENCE	RECEPT	20 A	1					0.00	0.00	1	20 A		SPARE	18	--
--	19	CLASSROOM TEACHER DESK	RECEPT	20 A	1	0.00	0.00					1	20 A		SPARE	20	--
--	21	CLASSROOM CONVENIENCE	RECEPT	20 A	1			0.00	0.00			1	20 A		SPARE	22	--
--	23	CLASSROOM CONVENIENCE	RECEPT	20 A	1					0.00	0.00	1	20 A		SPARE	24	--
--	25	CLASSROOM TEACHER DESK	RECEPT	20 A	1	0.00	0.00					1	20 A		SPARE	26	--
--	27	CLASSROOM CONVENIENCE	RECEPT	20 A	1			0.00	0.00			1	20 A		SPARE	28	--
--	29	CLASSROOM CONVENIENCE	RECEPT	20 A	1					0.00	0.00	1	20 A		SPARE	30	--
--	31	SPARE		20 A	1	0.00	0.00					1	20 A		SPARE	32	--
--	33	SPARE		20 A	1			0.00	0.00			1	20 A		SPARE	34	--
--	35	SPARE		20 A	1					0.00	0.00	1	20 A		SPARE	36	--
--	37	SPARE		20 A	1	0.00	0.00					1	20 A		SPARE	38	--
--	39	SPARE		20 A	1			0.00	0.00			1	20 A		SPARE	40	--
--	41	SPARE		20 A	1					0.00	0.00	1	20 A		SPARE	42	--
					TOTAL LOAD:	3.20 kVA		2.20 kVA		1.00 kVA							
					TOTAL AMPS:	28 A		20 A		8 A							

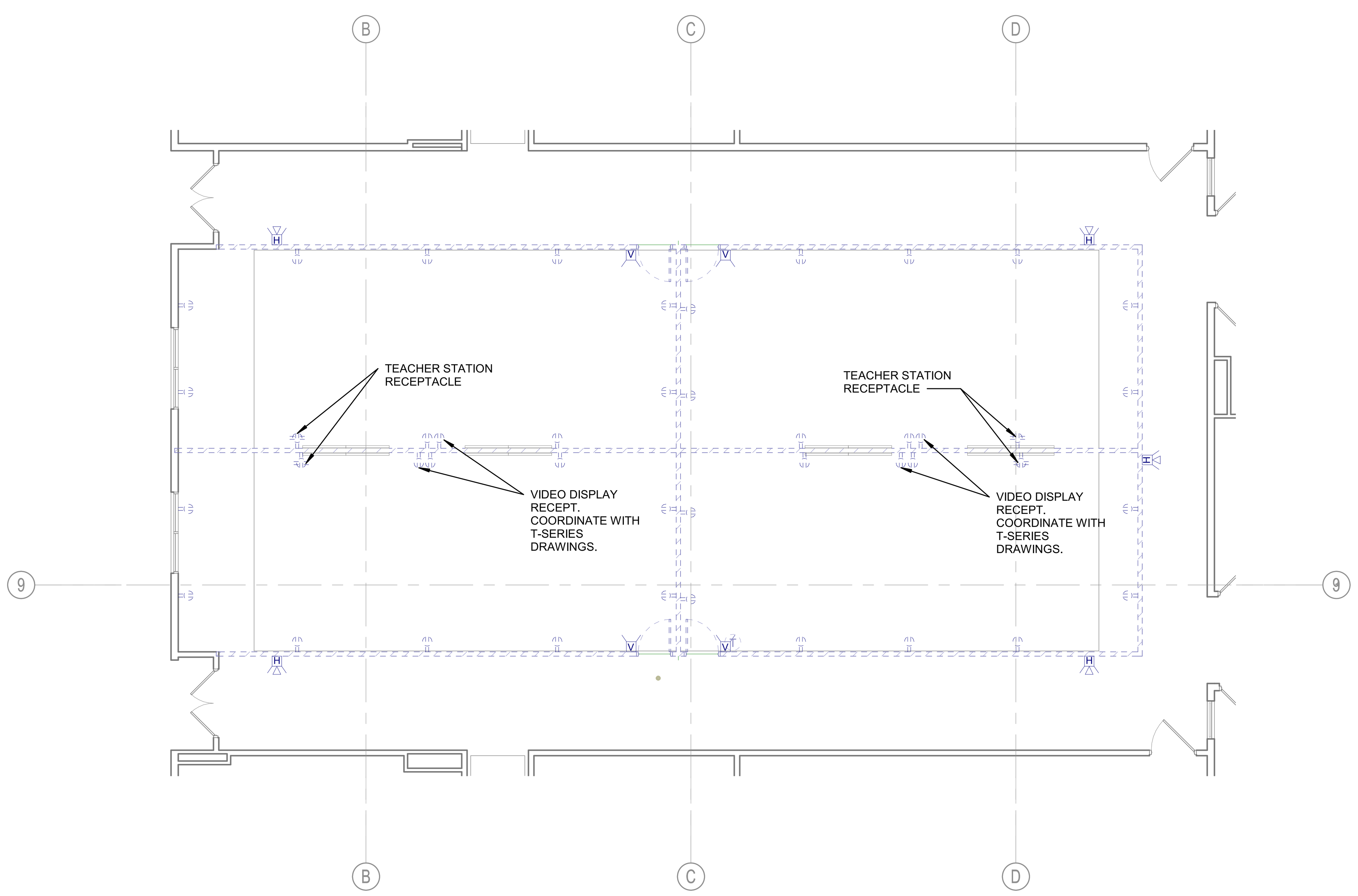
TOTAL CONNECTED LOAD:	6.40 kVA	6.40 kVA	TOTAL DEMAND LOAD:
TOTAL CONNECTED AMPS:	28 A	18 A	TOTAL DEMAND AMPS:

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
		Spare	6400 VA	100.00%	6400 VA
C	CONTACTOR CONTROLLED				
G	GFCI PROTECTED				
P	HANDLE LOCKING DEVICE				
S	SHUNT TRIP				
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				
	FEED THROUGH LUGS (FTL)				
	SUB FEED LUGS (SFL)				

NOTES: 1. THESE CIRCUITS ARE PANELBOARD 12D1 TEMPORARY CIRCUITS TO SERVE TEMPORARY CLASSROOMS. REFER TO PANEL 12D1 FOR FINAL CIRCUIT CONFIGURATIONS. PANELBOARD 12D1 AND 12D1-T ARE THE SAME PANELBOARD.

GENERAL POWER NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.



4A TEMP FIRST FLOOR POWER PLAN - UNIT D
1/8" = 1'-0"

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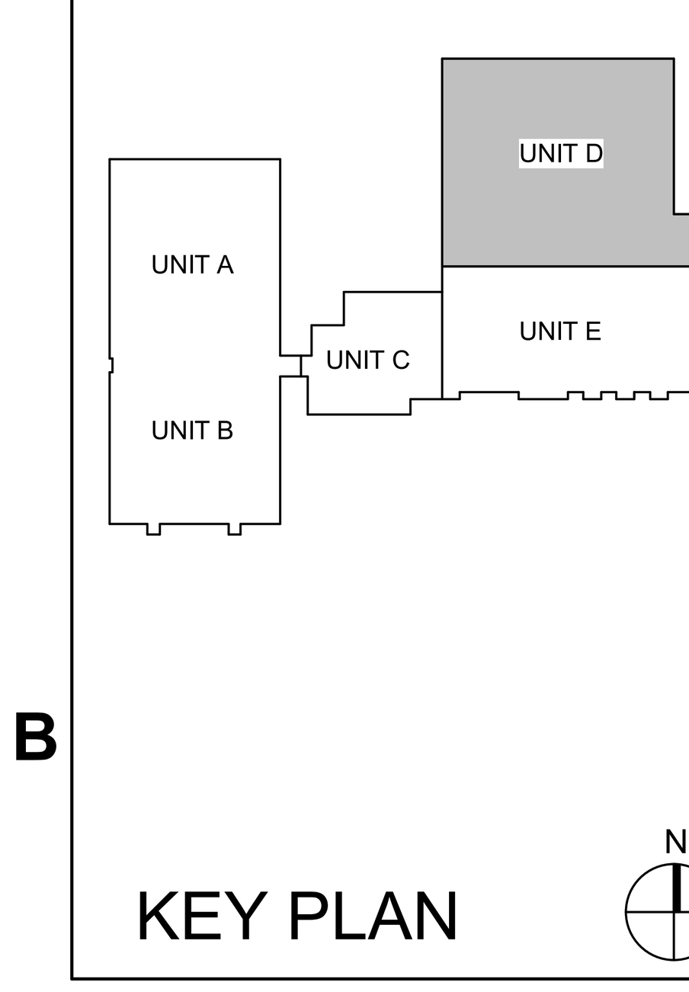


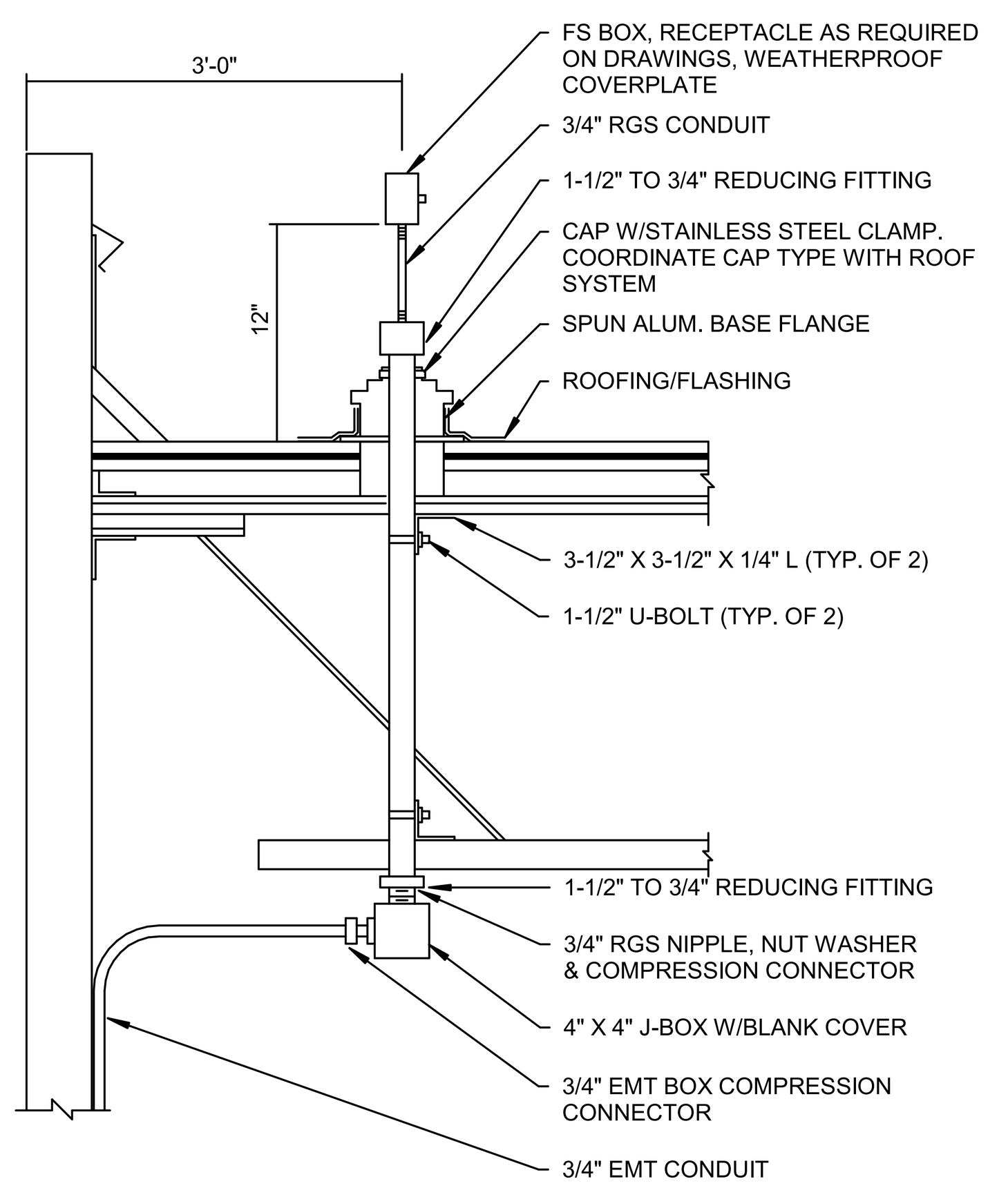
KEY PLAN

School City of Hammond

Scott Middle School - Renovations

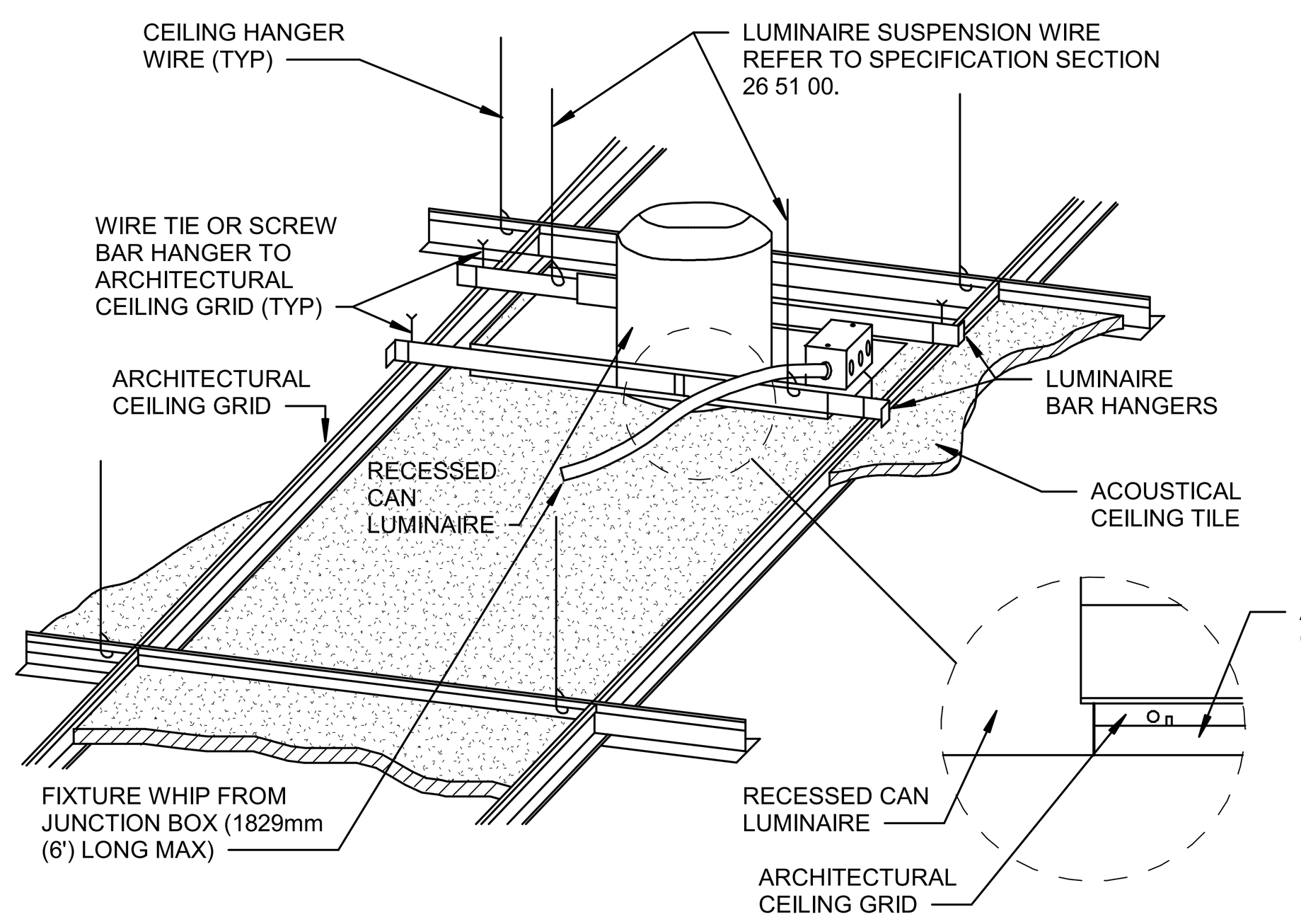
PARTIAL FIRST FLOOR UNIT D PLANS

E-420



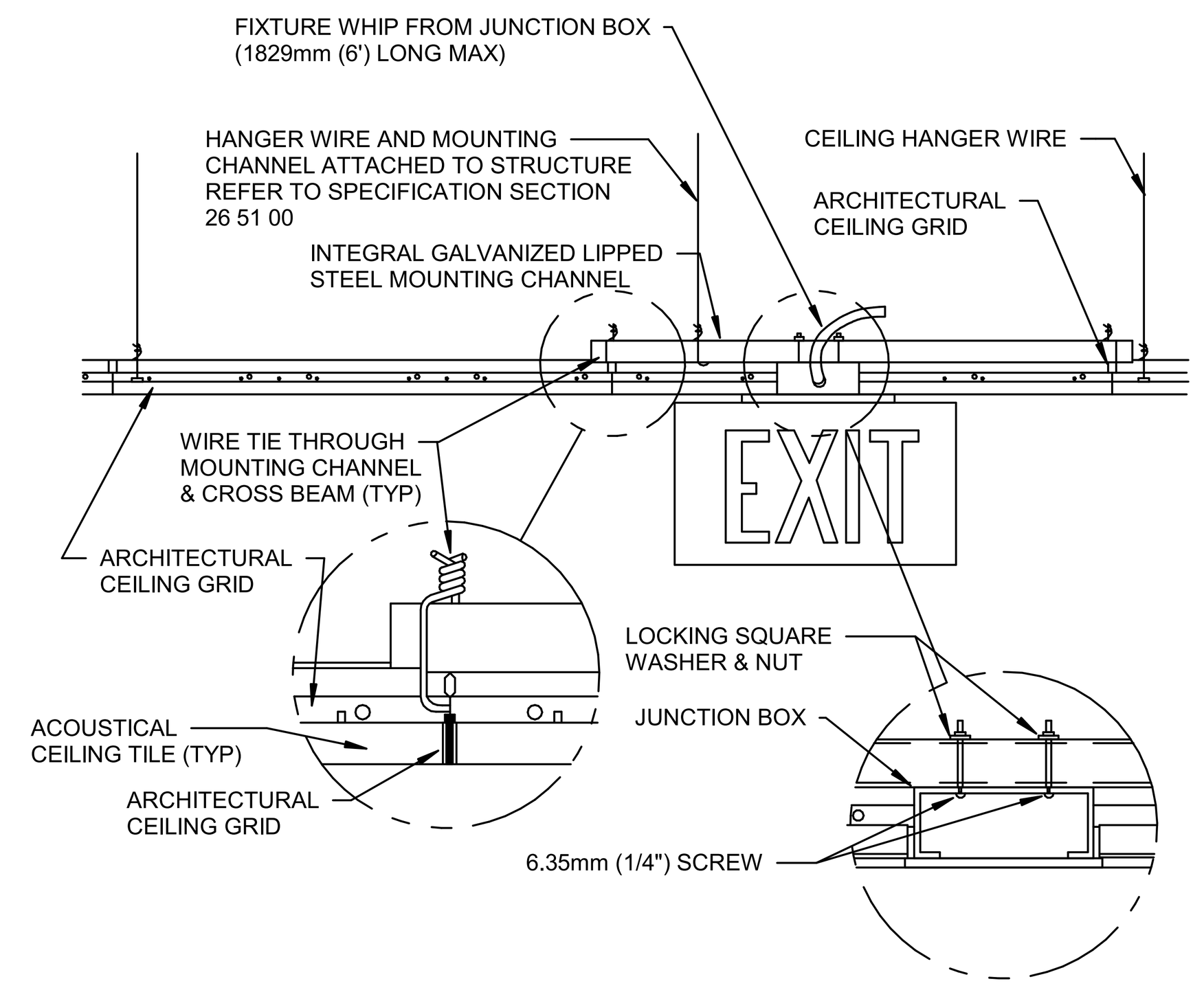
NOTE:
1. STRUCTURAL DETAIL SHOWN IS TO BE REPRESENTATIVE ONLY. REFER TO ARCHITECTURAL DRAWINGS AND STRUCTURAL DRAWINGS FOR ACTUAL CONDITIONS ON THIS PROJECT

5D ROOF MOUNTED RECEPTACLE MOUNTING DETAIL
N.T.S.



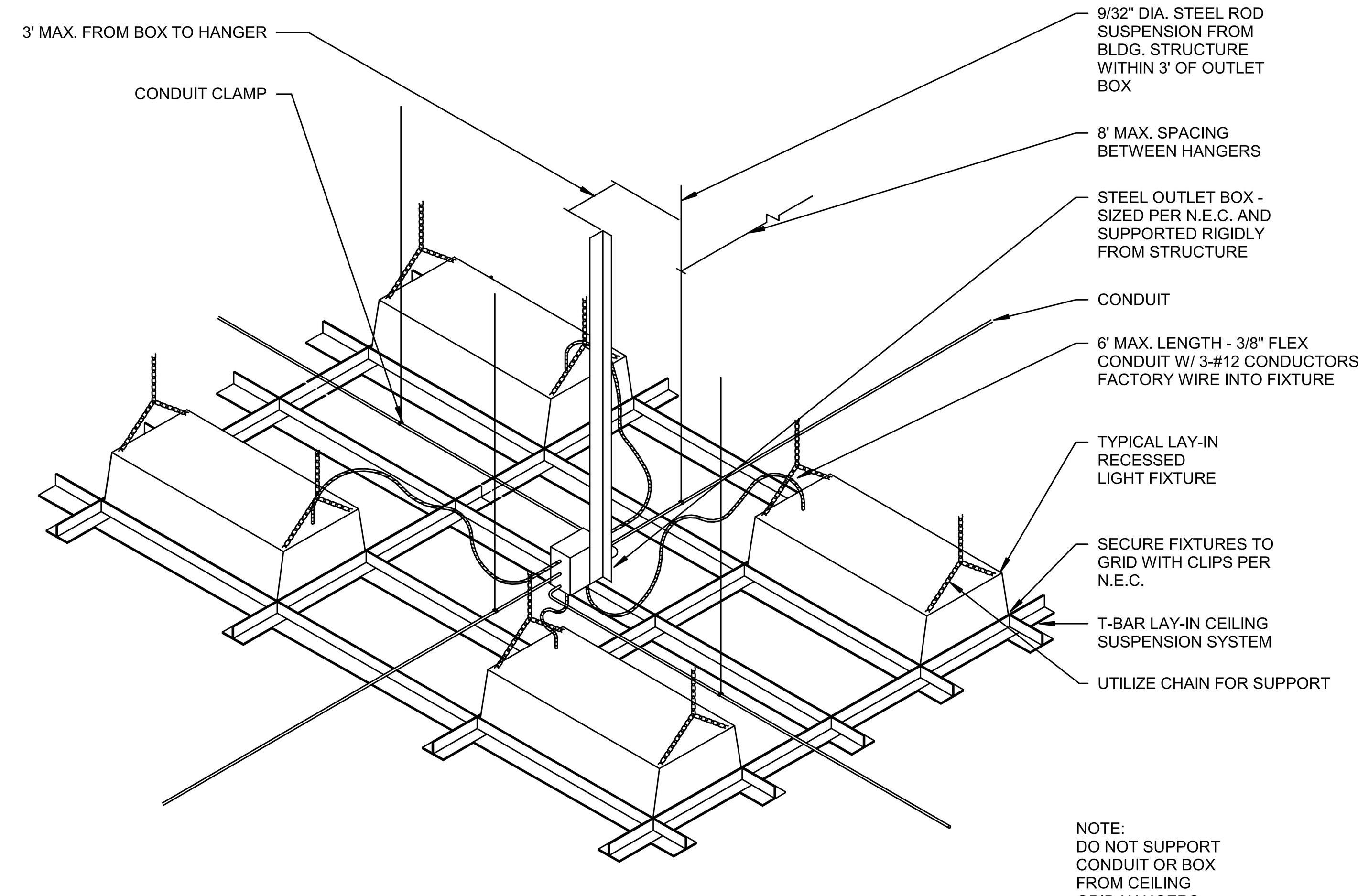
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING RECOMMENDED MOUNTING HARDWARE.

4C DOWNLIGHT MOUNTED IN LAY-IN CEILING DETAIL
N.T.S.



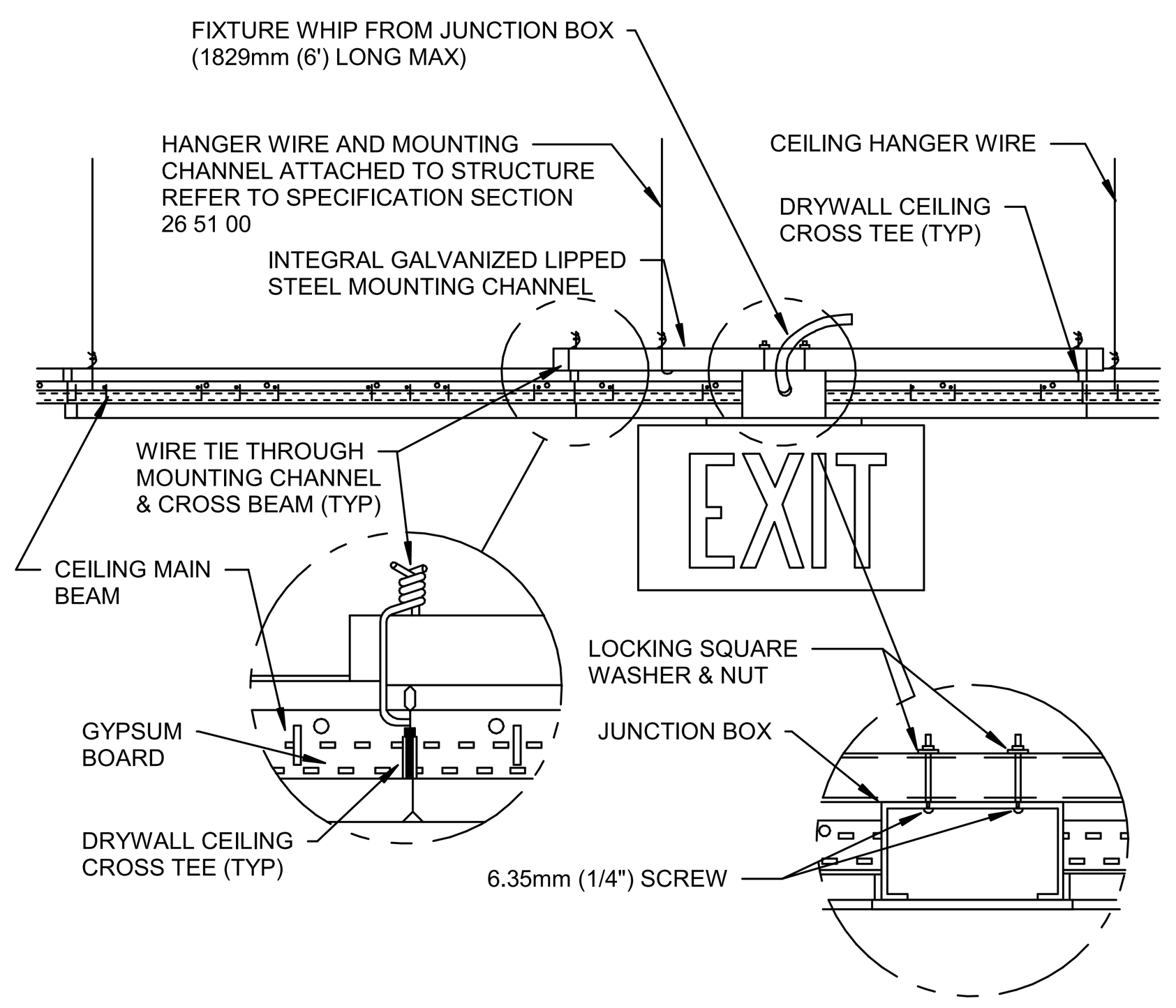
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

3D EXIT SIGN MOUNTING - LAY-IN CEILING DETAIL
N.T.S.



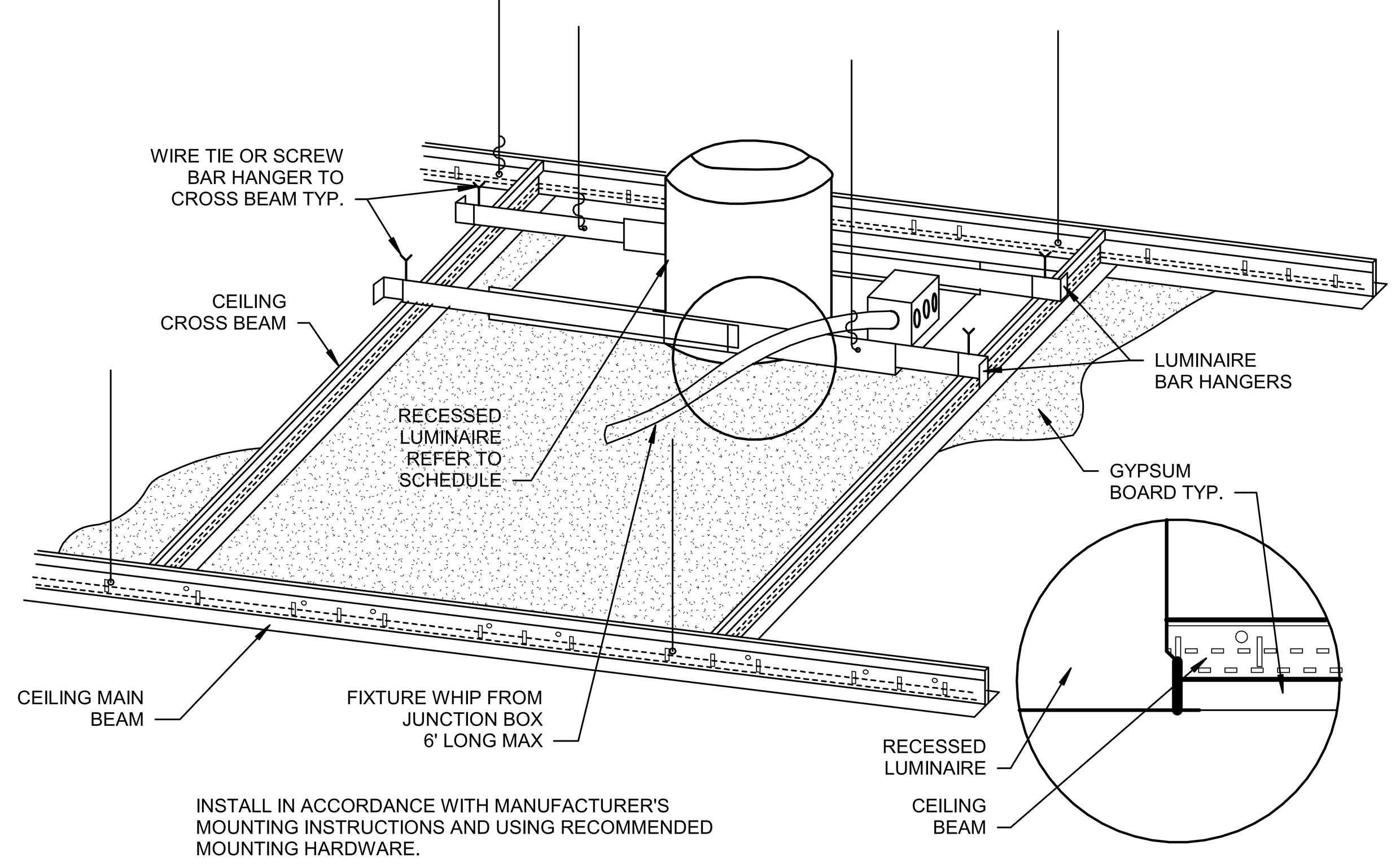
NOTE:
DO NOT SUPPORT CONDUIT OR BOX FROM CEILING GRID HANGERS

1D RECESSED LIGHTING INSTALLATION
N.T.S.



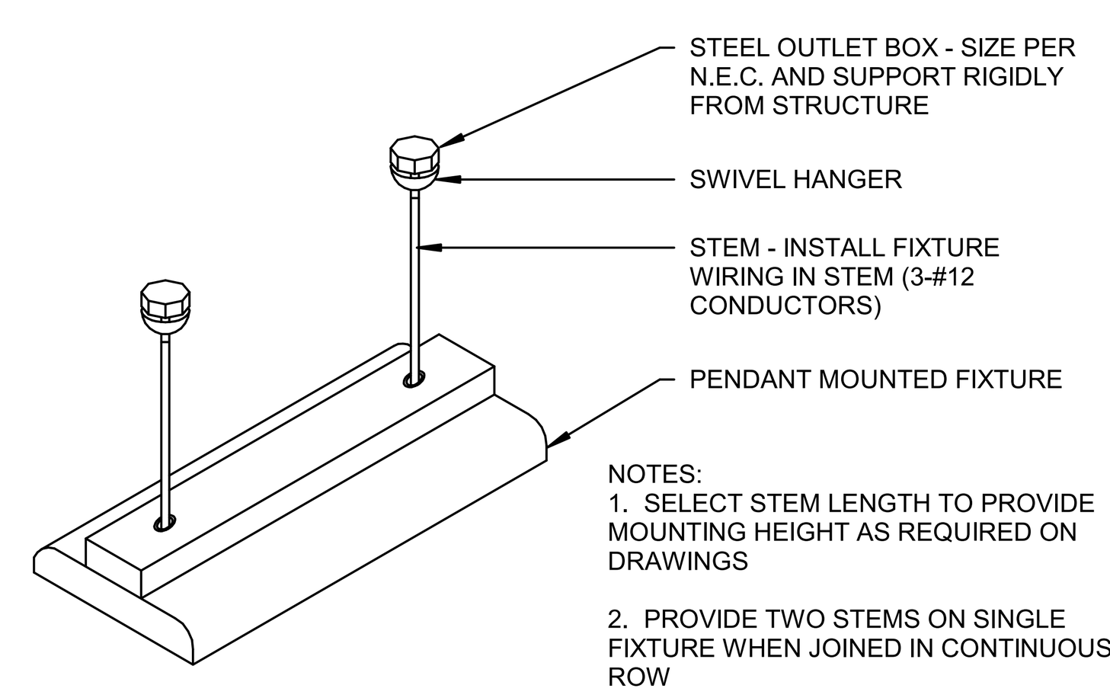
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

5B EXIT SIGN MOUNTING - GYPBOARD CEILING DETAIL
N.T.S.



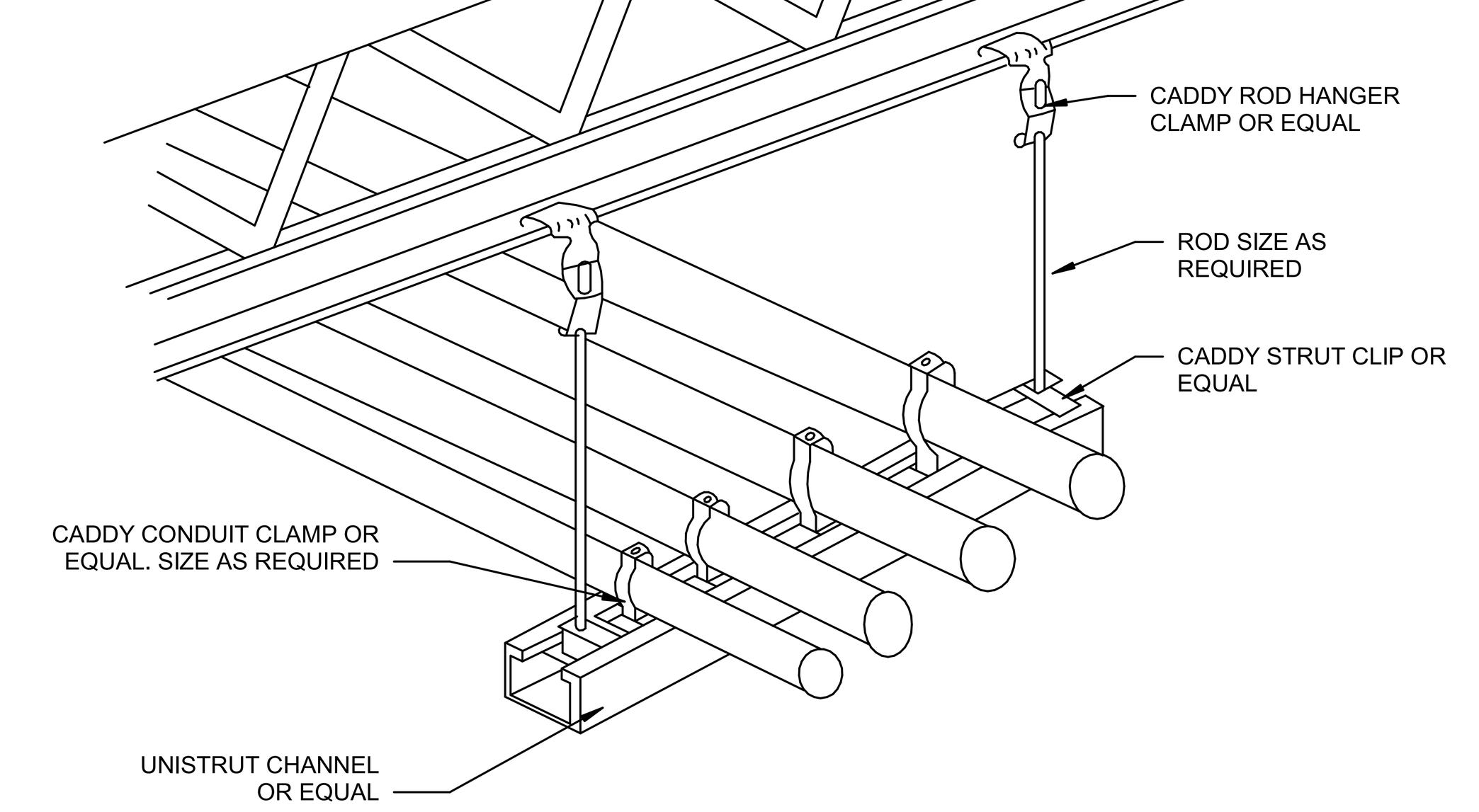
INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING RECOMMENDED MOUNTING HARDWARE.

3B DOWNLIGHT MOUNTED IN GYPBOARD CEILING DETAIL
N.T.S.

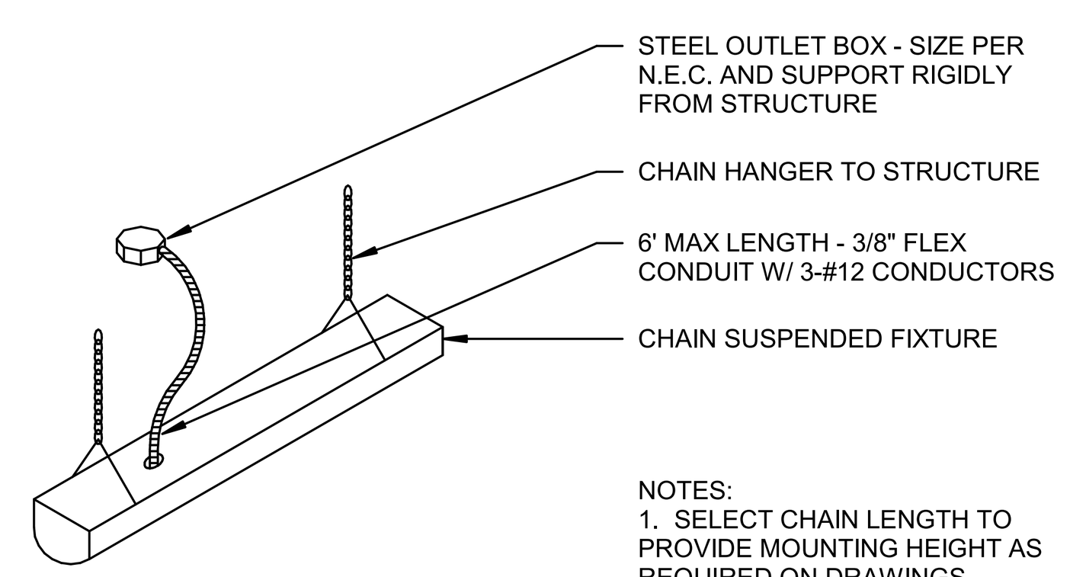


NOTES:
1. SELECT STEM LENGTH TO PROVIDE MOUNTING HEIGHT AS REQUIRED ON DRAWINGS
2. PROVIDE TWO STEMS ON SINGLE FIXTURE WHEN JOINED IN CONTINUOUS ROW
3. FIXTURES TO BE MOUNTED LEVEL

2C STEM MOUNTED LIGHTING INSTALLATION
N.T.S.

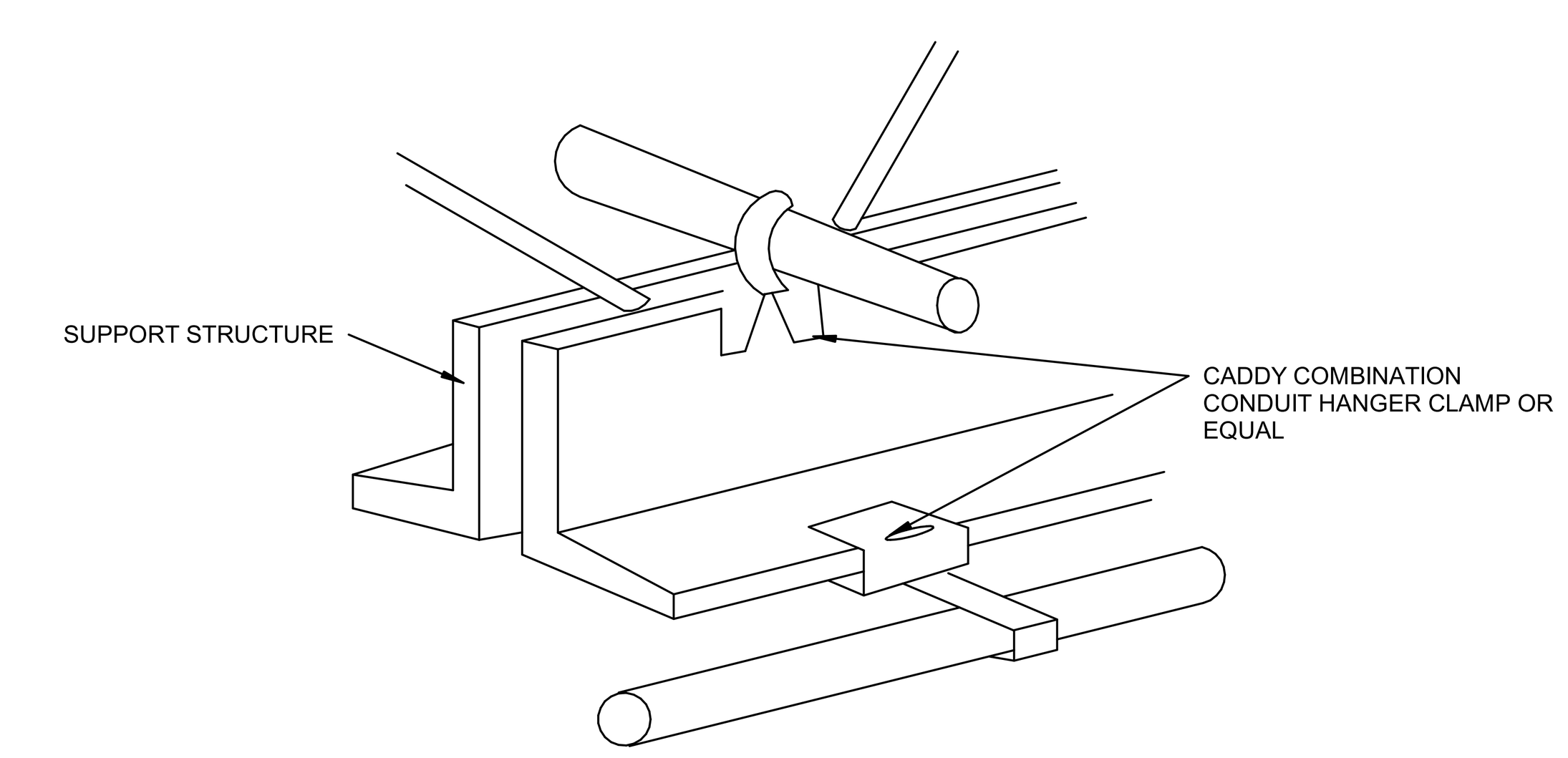


1C CONDUIT 2-1/2" AND LARGER SUPPORT DETAIL
N.T.S.

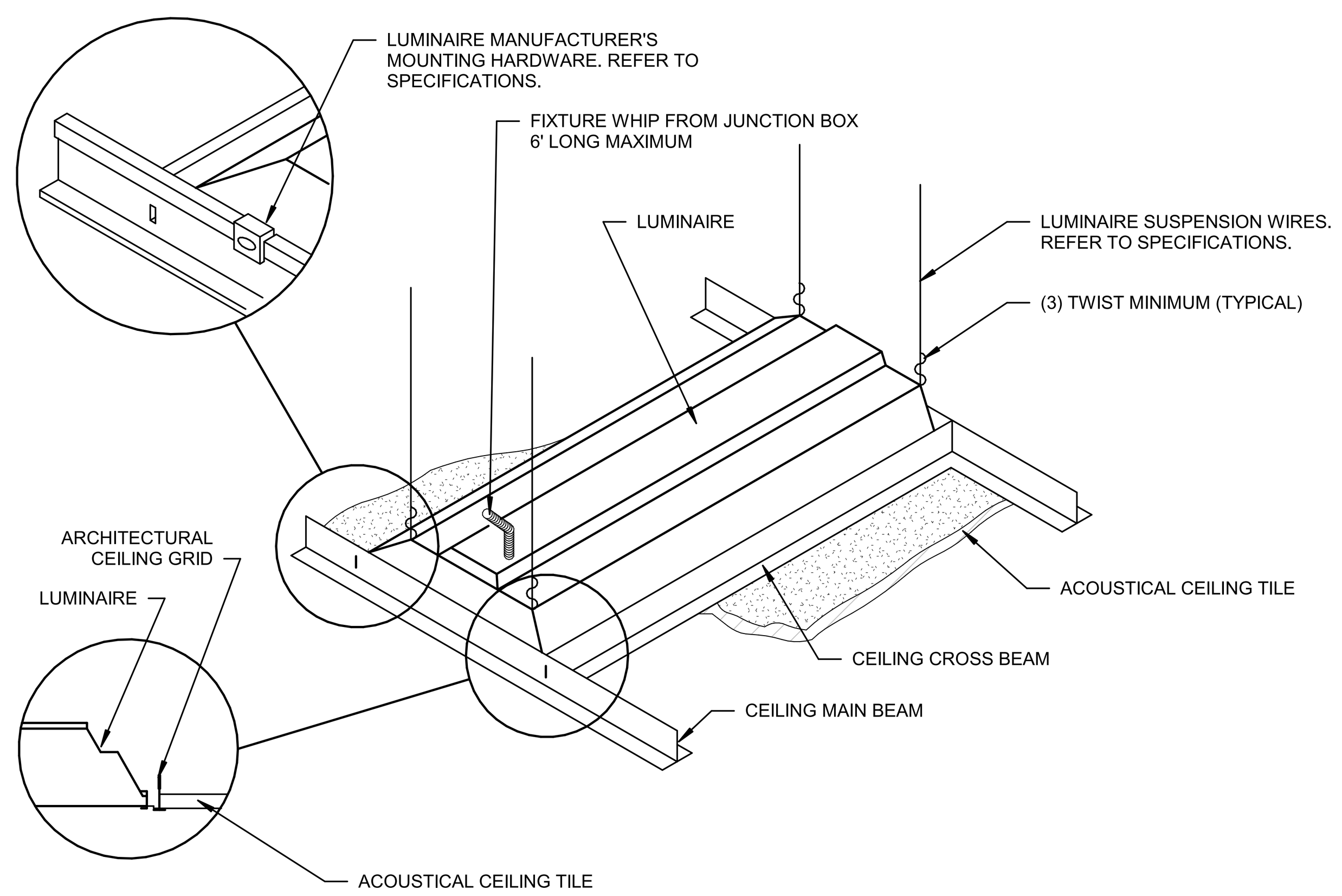


NOTES:
1. SELECT CHAIN LENGTH TO PROVIDE MOUNTING HEIGHT AS REQUIRED ON DRAWINGS
2. PROVIDE TWO CHAIN HANGERS FOR EACH FIXTURE. ADJUST TO HANG FIXTURE LEVEL

2B CHAIN SUSPENDED LIGHTING INSTALLATION
N.T.S.

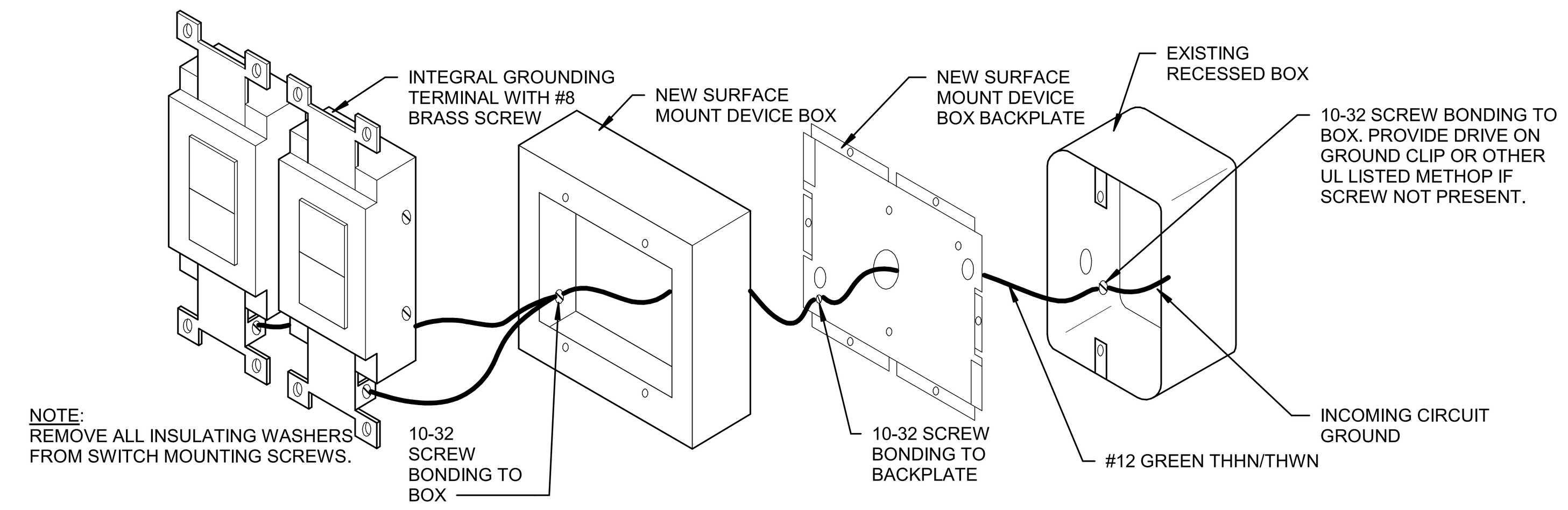


1B CONDUIT 2" AND SMALLER SUPPORT DETAIL
N.T.S.

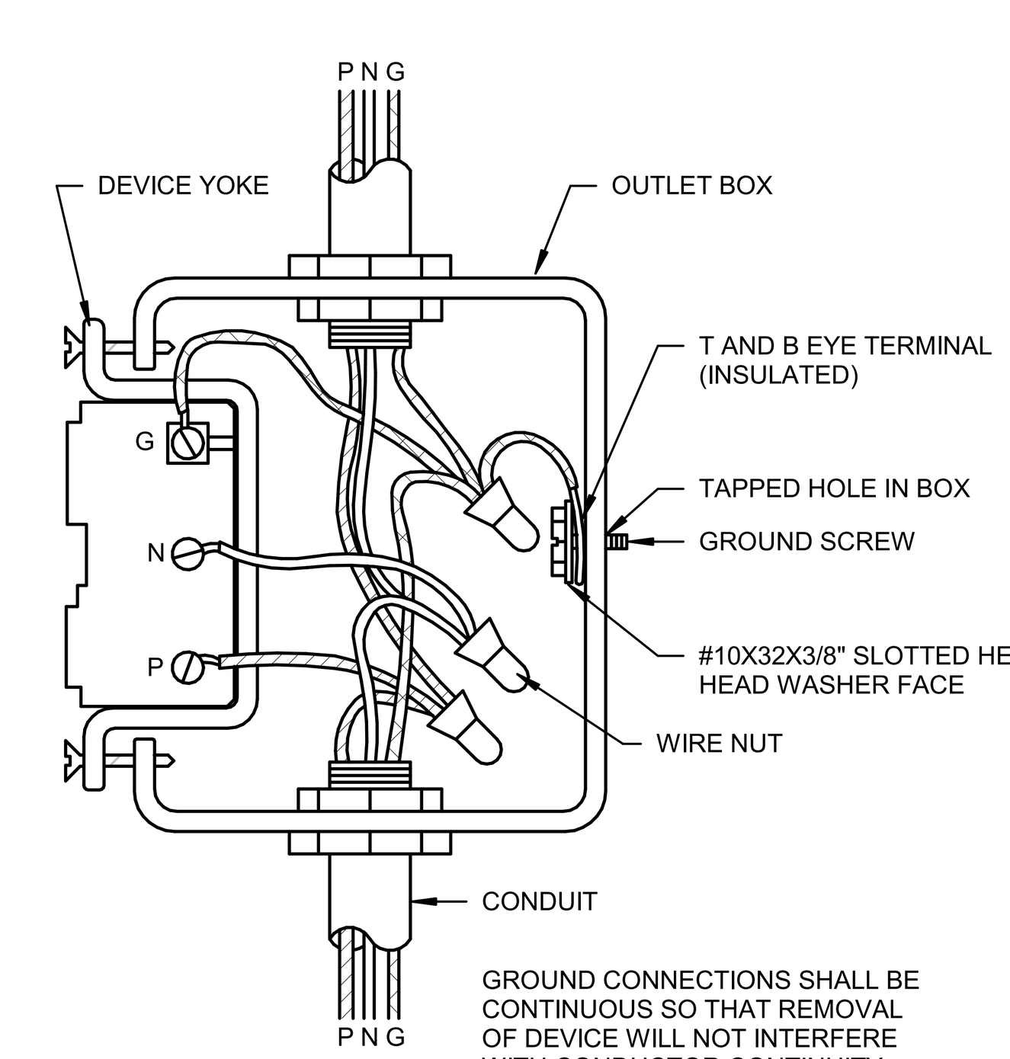


INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTED INSTRUCTIONS AND USING RECOMMENDED MOUNTING HARDWARE.

4A LUMINAIRE MOUNTED IN LAY-IN CEILING DETAIL
N.T.S.



2A GROUNDING DETAIL FOR SURFACE-MOUNTED LIGHT SWITCH OVER EXISTING RECESSED BOX
N.T.S.



GROUND CONNECTIONS SHALL BE CONTINUOUS SO THAT REMOVAL OF DEVICE WILL NOT INTERFERE WITH CONDUCTOR CONTINUITY

1A DEVICE GROUNDING DETAIL
N.T.S.

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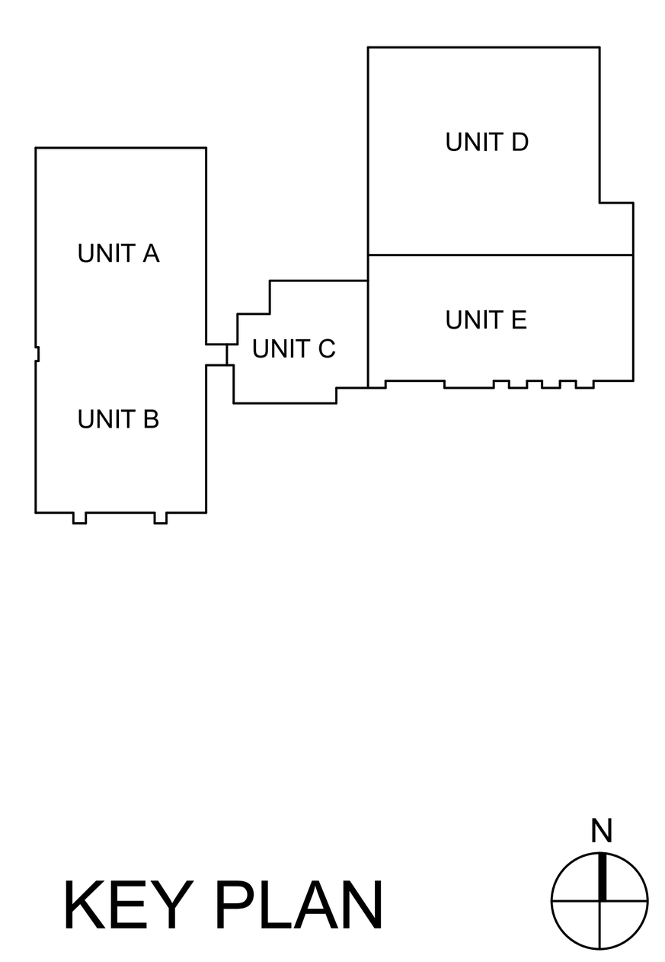


KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

DETAILS

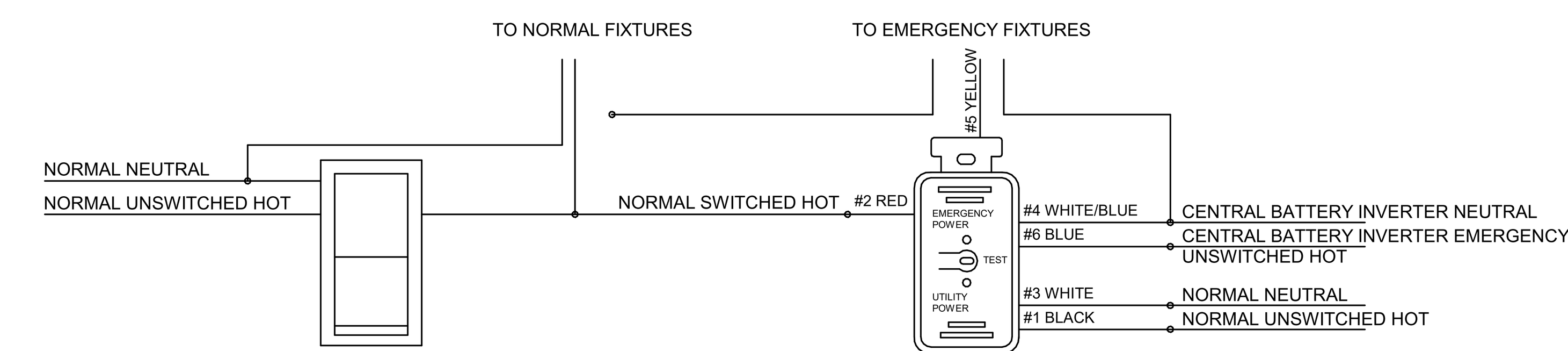
E-501

HEATING and/or COOLING UNITS SCHEDULE

MARK	ITEM	TOTAL C.F.M.	C.F.M. F.A. MIN.	HEATING INPUT M.B.H.	HEATING OUTPUT M.B.H.	COOLING OUTPUT M.B.H.	FAN H.P.	EXT. S.P.	COND. UNIT	NO. ZONES	NO. DAMPER MOTORS	REMARKS
H-1	MULTIZONE H.V. & A.C.	7500	1875	500	375	275	5	1/2"	C-24	6	6	
H-2	MULTIZONE H.V. & A.C.	8500	2125	500	375	275	5	1/2"	C-24	7	7	
H-3	MULTIZONE H.V. & A.C.	7500	1875	500	375	275	5	1/2"	C-24	6	6	
H-4	MULTIZONE H.V. & A.C.	7250	1810	500	375	275	3	1/2	C-24	6	6	
H-5	MULTIZONE H.V. & A.C.	8000	2000	500	375	275	5	1/2"	C-24	8	8	
H-6	MULTIZONE H.V. & A.C.	7250	1810	500	375	275	3	1/2"	C-24	6	6	
H-7	MULTIZONE H.V. & A.C.	5000	1250	500	375	205	2	1/2"	C-17	4	4	
H-8	MULTIZONE H.V. & A.C.	6000	1500	500	375	205	2	1/2"	C-22	2	2	
H-9	MULTIZONE H.V. & A.C.	6400	1600	500	375	205	3	1/2"	C-22	4	4	
H-10	MULTIZONE H. & V.	9000	2250	500	375	—	5	1/2"	—	3	3	
H-11	MULTIZONE H. & V.	7000	3500	500	375	—	3	1/2"	—	8	8	
H-12	MULTIZONE H.V. & A.C.	9000	2250	500	375	275	7 1/2	1/2"	C-24	5	5	
H-13	MULTIZONE H.V. & A.C.	9000	2250	500	375	275	7 1/2	1/2"	C-24	6	6	
H-14	MULTIZONE H. & V.	8000	2000	500	375	—	5	1/2"	—	4	4	
H-15	MULTIZONE H.V. & A.C.	8300	2075	500	375	275	5	1/2"	C-24	6	6	
H-16	MULTIZONE H.V. & A.C.	6725	1675	500	375	205	3	1/2"	C-22	7	7	
H-17	HEATING, VENT & A.C.	8100	2025	940	750	280	3	1/2"	HSA2-2503	1	—	
H-18	HEATING & VENT.	13000	6500	1250	1000	—	7 1/2	5/8"	—	1	—	
H-19	HEATING & VENT.	9000	3000	1250	1000	—	5	1/2"	—	1	—	
H-20	HEATING & VENT.	9000	3000	1250	1000	—	5	1/2"	—	1	—	
H-21	HEATING & VENT.	9000	3000	1250	1000	—	5	1/2"	—	1	—	
H-22	UNIT HEATER	1250	—	115.0	92.0	—	1/6	—	—	—	—	
H-23	ELEC. HEATER	—	—	—	15.80	—	—	—	—	—	—	
H-24	ELEC. HEATER	—	—	—	7.68	—	—	—	—	—	—	
H-25	ELEC. HEATER	—	—	—	20.49	—	—	—	—	—	—	

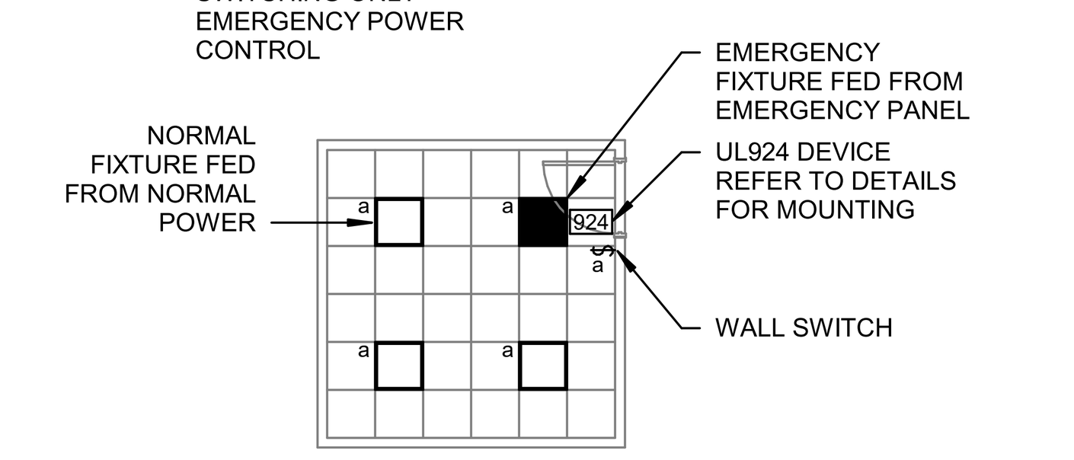
NOTE:

PROVIDE DUCT DETECTORS TO SERVE RETURN DUCTS OF HVAC UNITS OVER 2000CFM. ASSUME TWO (2) DUCT DETECTORS PER HVAC UNIT.

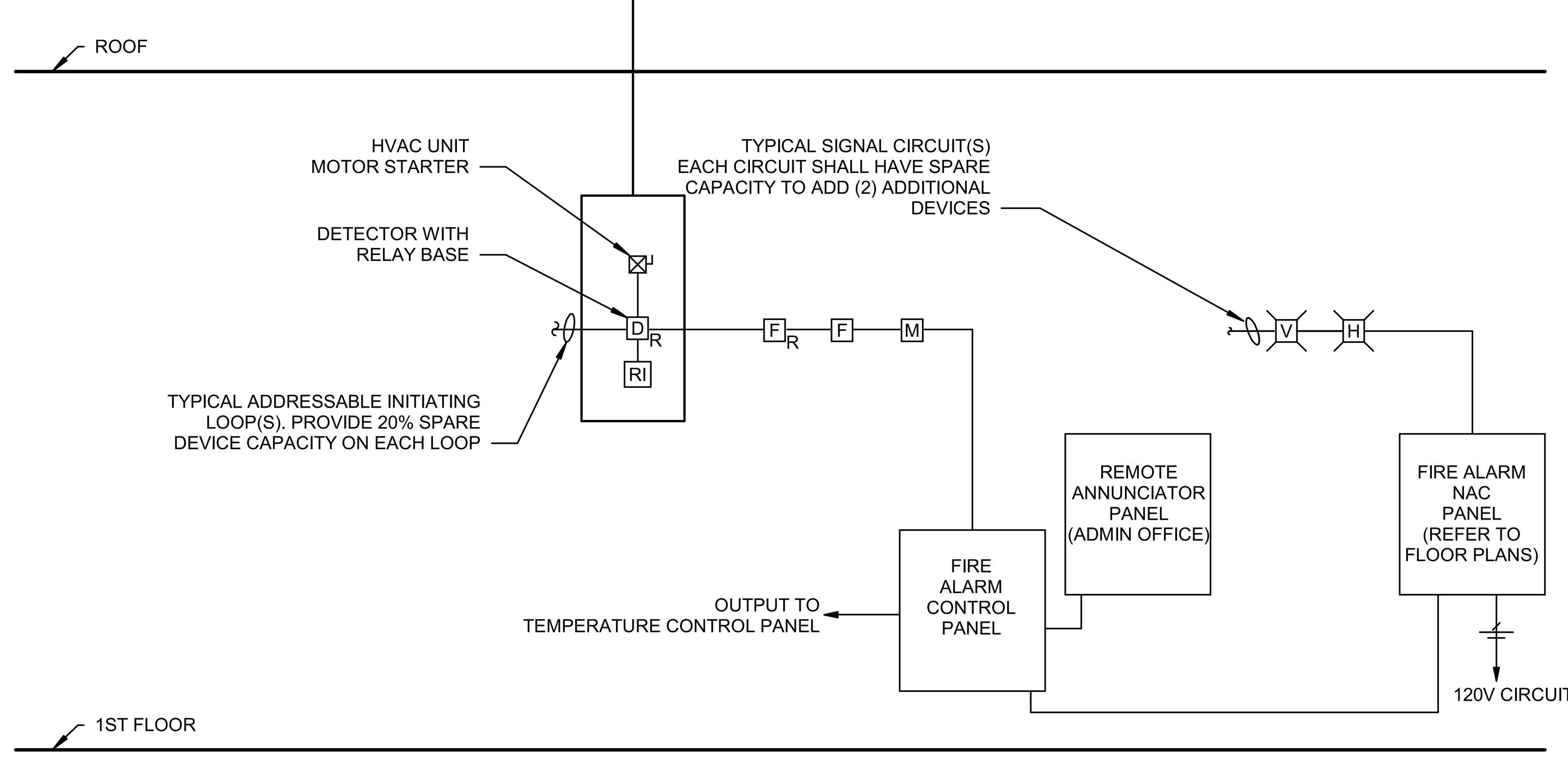


NOTES:
- THE SWITCH SHOWN ON THIS DIAGRAM REPRESENTS THE SOURCE OF CONTROL FOR ANY GIVEN SPACE. IN SOME INSTANCES THIS MAY BE A WALL DEVICE, POWER PACK, OR RELAY PANEL.
- THE NORMAL UNSWITCHED HOT FEEDING INTO THE UL924 DEVICE SHOULD BE THE SAME CIRCUIT AS THE NORMAL POWER FIXTURES.
- THE EMERGENCY FIXTURES WILL ALWAYS OPERATE OFF OF THE EMERGENCY CIRCUIT. THE SWITCHED HOT INPUT INTO THE UL924 ALLOWS THE EMERGENCY AND NORMAL FIXTURES TO TRACK DURING NORMAL OPERATION.
- IN THE EVEN OF POWER LOSS ON THE NORMAL UNSWITCHED HOT, THE UL924 WILL FORCE THE EMERGENCY LIGHTS "ON".

UL924
SWITCHING ONLY
EMERGENCY POWER
CONTROL

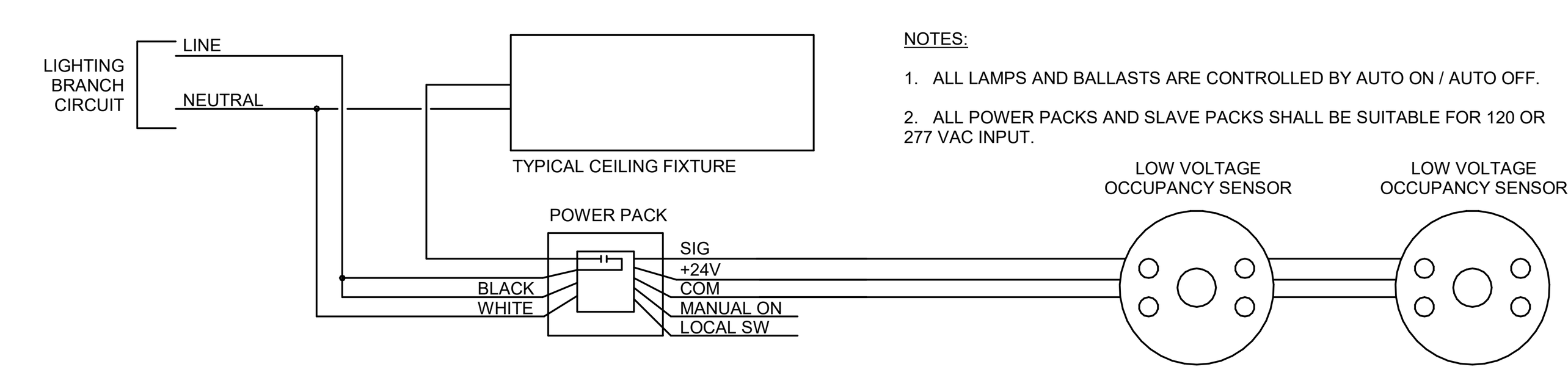


1C TYPICAL UL924 WIRING SCHEMATIC
1/8" = 1'-0"



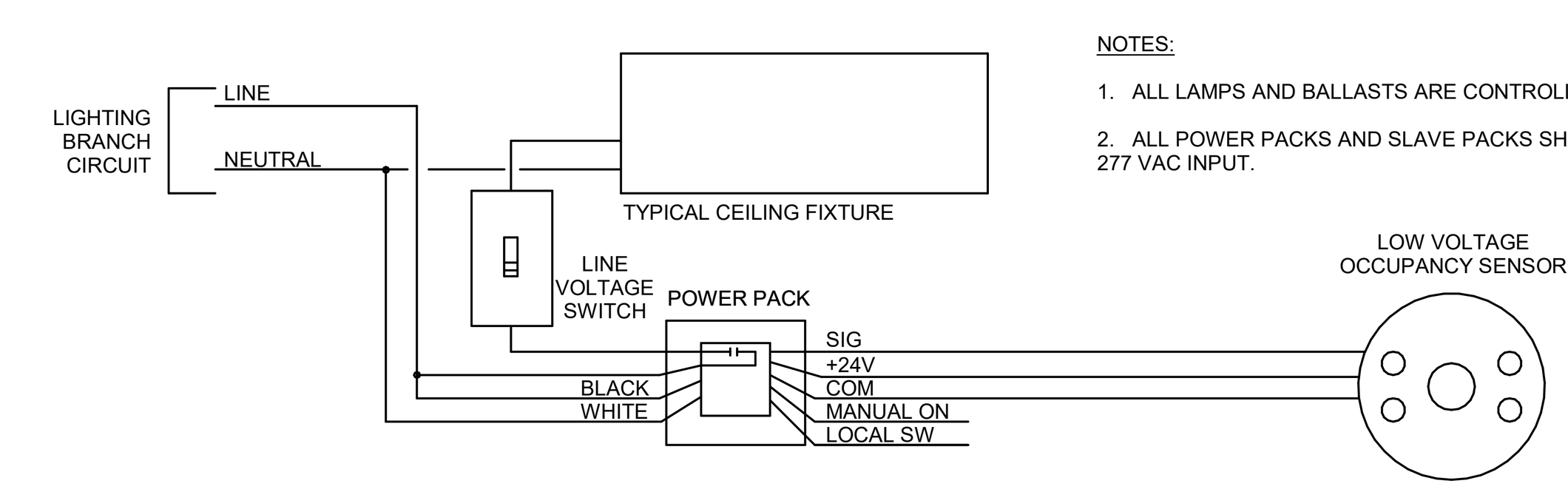
NOTES:
1. REFER TO FLOOR PLANS FOR DEVICE QUANTITIES
2. ALL VISUAL DEVICES AND SPEAKER/STROBES TO BE SYNCHRONIZED FLASH

3A FIRE ALARM SCHEMATIC
N.T.S.



NOTES:
1. ALL LAMPS AND BALLASTS ARE CONTROLLED BY AUTO ON / AUTO OFF.
2. ALL POWER PACKS AND SLAVE PACKS SHALL BE SUITABLE FOR 120 OR 277 VAC INPUT.

1B OCCUPANCY SENSOR LIGHTING CONTROL CORRIDOR SWITCHING SCHEMATIC
N.T.S.



NOTES:
1. ALL LAMPS AND BALLASTS ARE CONTROLLED BY AUTO ON / AUTO OFF.
2. ALL POWER PACKS AND SLAVE PACKS SHALL BE SUITABLE FOR 120 OR 277 VAC INPUT.

1A OCCUPANCY SENSOR LIGHTING CONTROL SCHEMATIC
N.T.S.

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Project No. 2020-154.SMS
Project Date 07.26.2021
Produced Designer Author

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A2	Addendum 2	08.18.2021

3635 173rd Street
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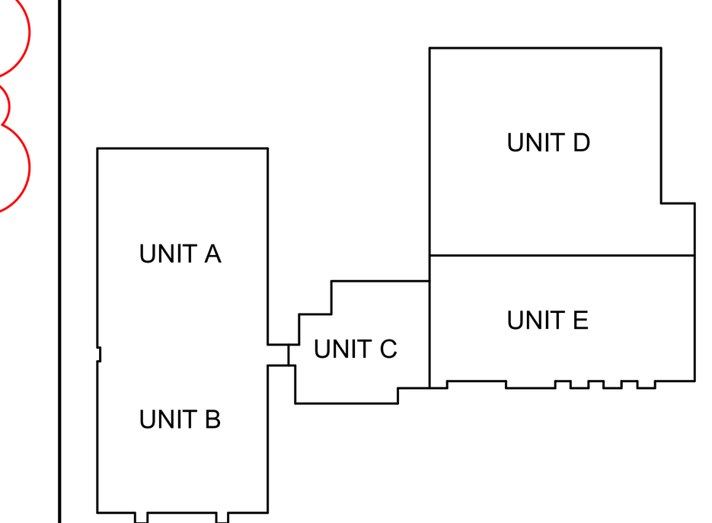

KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

SCHEMATICS

E-601

6	5	4	3	2	1

265119/265619/26213.1 - INTERIOR/EXTERIOR/EMERGENCY & EXIT LIGHT FIXTURES SCHEDULE

LABEL	DESCRIPTION	VOLTAGE	SOURCE TYPE	LUMENS	WATTS	CCT	MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABEL
L1	2X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	5,000 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L1
L1U	2X4 LED FLAT PANEL. 0-10V DIMMING. PROVIDE UL 924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	5,000 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L1U
L2	2X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	6,600 LM	60 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L2
L2U	2X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	6,600 LM	60 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L2U
L3	1X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	3,000 LM	25 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 14FP COLUMBIA CFP14 LITHONIA EPANL 14	L3
L3U	1X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	3,000 LM	25 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 14FP COLUMBIA CFP14 LITHONIA EPANL 14	L3U
L4U	4" ROUND LED DOWNLIGHT. SELF-FLANGED TRIM. MEDIUM DISTRIBUTION (50°). 0-10V DIMMING. PROVIDE UL 924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	2,000 LM	22 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LD4B PRESCOLITE LF4SL GOTHAM EVO	L4U
L5	2X2 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	4,600 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 22FP COLUMBIA CFP22 LITHONIA EPANL 22	L5
L5U	2X2 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	4,600 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 22FP COLUMBIA CFP22 LITHONIA EPANL 22	L5U
L6U	4' LENSED LED STRIP LIGHT. 0-10V DIMMING, WHITE FINISH. INTEGRAL BATTERY INVERTER. PROVIDE UL 924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	5,400 LM	45 W	3500 K	CHAIN MOUNTED TO STRUCTURE	SEMI-FROSTED LENS	N/A	METALUX SNLED COLUMBIA MPS LITHONIA ZL1D	L6U
L7	1X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	4,500 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 14FP COLUMBIA CFP14 LITHONIA EPANL 14	L7
L7U	1X4 LED FLAT PANEL. 0-10V DIMMING. PROVIDE UL 924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	4,500 LM	40 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 14FP COLUMBIA CFP14 LITHONIA EPANL 14	L7U
L8	4" ROUND LED DOWNLIGHT. SELF-FLANGED TRIM. WIDE DISTRIBUTION (75°). 0-10V DIMMING.	120/277 V	LED	4,000 LM	42 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LD4B PRESCOLITE LF4SL GOTHAM EVO	L8
L9	4" SQUARE LED DOWNLIGHT. SELF-FLANGED TRIM. 0-10V DIMMING.	120/277 V	LED	2,000 LM	22 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LDSQ4B PRESCOLITE LF4SQSL GOTHAM EVO	L9
L10	2X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	3,600 LM	30 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L10
L10U	2X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	3,600 LM	30 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L10U
L11	2X2 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	3,500 LM	20 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 22FP COLUMBIA CFP22 LITHONIA EPANL 22	L11
L11U	2X2 LED FLAT PANEL. 0-10V DIMMING. PROVIDE UL 924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	3,500 LM	20 W	3500 K	RECESSED IN XXX	WHITE FROST ACRYLIC	DLC	METALUX 22FP COLUMBIA CFP22 LITHONIA EPANL 22	L11U
L12U	24" LONG, LED STAIR FIXTURE. 18 GAUGE STEEL. INTEGRAL ULTRASONIC ZONELESS ACTIVATED SENSOR. BLACK FINISH. PROVIDE UL 924 DEVICE TO SERVE EMERGENCY LIGHT FIXTURE.	120/277 V	LED	4,000 LM	25 W	3500 K	HORIZONTAL ON WALL	CLEAR PRISMATIC	N/A	LUMINAIRE TSL9 NEW STAR LIGHTING VIC2W KENALL MLHA8	L12U
L13	CARPET-TO-FLOOR PATHWAY LIGHT WITH AMBER LED'S, 6" ON CENTER. PROVIDE 12 VOLT TRANSFORMERS AS REQUIRED.	120/277 V	LED	N/A	10 W	AMBER	FLOOR	CLEAR LENS	N/A	CELESTIAL GEM-1900 TIVOLI	L13
L14	CARPET-TO-WALL PATHWAY LIGHT WITH AMBER LED'S, 6" ON CENTER. PROVIDE 12 VOLT TRANSFORMERS AS REQUIRED.	120/277 V	LED	N/A	10 W	AMBER	FLOOR	CLEAR LENS	N/A	CELESTIAL GEM-2000 TIVOLI	L14
L15	LED RECTANGULAR, CLEAR RIGID POLYCARBONATE TUBE IN PVC EXTRUSION WITH AMBER LEDS, 6" ON CENTER INSTALLED FLUSH WITH TOP OF FLOOR. PROVIDE 12 VOLT TRANSFORMERS AS REQUIRED.	120/277 V	LED	N/A	10 W	AMBER	FLOOR	CLEAR LENS	N/A	CELESTIAL TIVOLI	L15
X1	LED EXIT LIGHT, MATTE BLACK DIE-CAST ALUMINUM HOUSING, BRUSHED ALUM. SINGLE FACE. STENCIL FACE, RED LETTERS. SELF-POWERED. NICKEL-CADMIUM BATTERY. SELF-DIAGNOSTIC/SELF-TESTING MODULE.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X1
X2	LED EXIT LIGHT, MATTE BLACK DIE-CAST ALUMINUM HOUSING, BRUSHED ALUM. DUAL FACE. STENCIL FACE, RED LETTERS. SELF-POWERED. NICKEL-CADMIUM BATTERY. SELF-DIAGNOSTIC/SELF-TESTING MODULE.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X2

A2 A2 A2 A2 A2 A2 A2 A2

E D C B A

263323.1 - CENTRAL BATTERY EQUIPMENT FOR EMERGENCY LIGHTING SCHEDULE

LABEL	LOCATION NUMBER	LOCATION NAME	EQUIPMENT RATINGS VOLTAGE	MINIMUM OUTPUT FOR 90-MINUTES (W/VA)	MOUNT	NEMA ENCL	INPUT/OUTPUT CIRCUIT PANEL	CIRCUIT	ACCESSORIES	REMARKS
MI-A1	41	Space	120/277V	1500	SURFACE	1	12B1	2	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM	
MI-A2	41	Space	120/277V	1500	SURFACE	1	12B1	4	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM	
MI-B1	41	Space	120/277V	1500	SURFACE	1	12B1	6	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM	
MI-B2	41	Space	120/277V	1500	SURFACE	1	12B1	8	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM	
MI-C1	56	Space	120/277V	1500	SURFACE	1	12C1	16	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM	
MI-D1	100	Space	120/277V	1500	SURFACE	1			SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM	

A2

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Project No. 2020-154.SMS
Project Date 07.26.2021
Produced Designer Author

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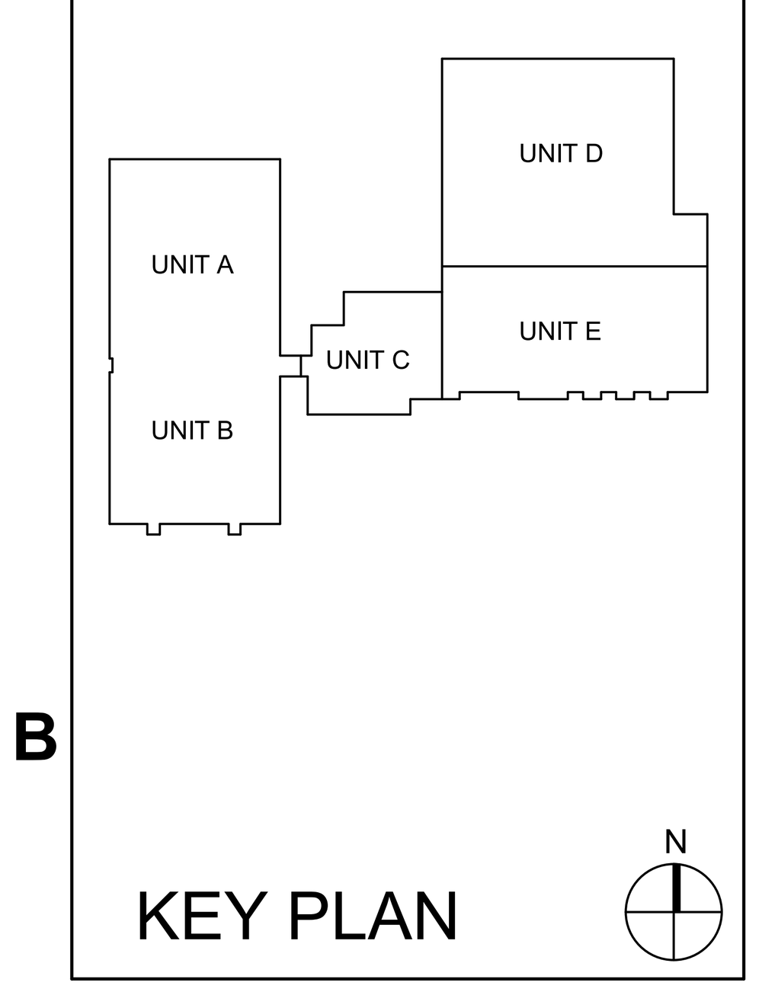
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

Sarah K Hempstead

#	Revision	Date
A1	Addendum 1	08.11.2021
A2	Addendum 2	08.18.2021

3635 173rd Street
Hammond, IN 46323



KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

LIGHTING SCHEDULES

E-602

DISCONNECT SWITCH SCHEDULE										
	LOCATION									
LABEL	NUMBER	NAME	EQUIPMENT SERVED	VOLTAGE	AMPERAGE	POLES	FUSED	FUSE SIZE	NEMA ENCL	SOLID NEUTRAL
DS-B5	73	Space		208 V	30 A	2	Yes			No
DS-C1	136	Space	AHU H-15	480 V	100 A	3	Yes	90 A	3R	No
DS-C2	50	Space	CU-1	208 V	30 A	2	Yes	20 A	3R	No
DS-C3	56	Space	CU-3	208 V	30 A	2	Yes	20	3R	No
DS-D1	74	Space	BLEACHERS	208 V	30 A	3	Yes	20 A	1	No
DS-D2	100	Space	SS-4	120 V	30 A	1	Yes	20 A	1	No
DS-D3			CU-6	208 V	30 A	2	Yes	20 A	3R	No
DS-D4			SS-2	208 V	30 A	2	Yes	30 A	3R	No
DS-D5	70	Space	AHUI H-18	480 V	60 A	3	Yes	60 A	3R	No
DS-D6	73	Space	SS-2	120 V	30 A	1	Yes			Yes
DS-D7	56	Space		120 V	30 A	1	Yes			Yes

A2

MOTOR CONTROLLER/STARTER/VFD SCHEDULE														
	LOCATION			EQUIPMENT DATA				STARTER		DISCONNECT SWITCH				
LABEL	NUMBER	NAME	EQUIPMENT SERVED	VOLTAGE	PHASE	HP	FLA	TYPE	NEMA SIZE	TYPE	FUSE SIZE	NEMA ENCL	REMOTE CAPACITOR	REMARKS
MS-B1	124	Space	EF-1	120 V	1	1/2	9.8 A	-	-	-	-	1	-	THERMAL RATED TOGGLE SWITCH
MS-B2	124	Space	EF-2	120 V	1	1/2	9.8 A	-	-	-	-	1	-	THERMAL RATED TOGGLE SWITCH
MS-B3	44	Space	BP-1	208 V	3	3/4	3.7 A	FVNR	1	FUSIBLE	6.25	1	-	

TRANSFORMER SCHEDULE											
	LOCATION				VOLTAGE		CONNECTION				
LABEL	NUMBER	NAME	KVA	PHASE	PRIMARY	SECONDARY	PRIMARY	SECONDARY	MOUNT	TYPE	LOAD(S) SERVED
T-12B1	44	Space	30	3	480 V	208Y/120	DELTA	WYE	FLOOR	DRY	12B1
T-12C1	56	Space	30	3	480 V	208Y/120	DELTA	WYE	FLOOR	DRY	
T-12D1	100	Space	75	3	480 V	208Y/120	DELTA	WYE	FLOOR	DRY	

A2

262719.1 - MULTI-OUTLET ASSEMBLIES								
		ELECTRICAL REQUIREMENTS				TELECOM REQUIREMENTS		
LABEL	DESCRIPTION	P	N	G	POWER	DATA	AV	REMARKS
FB1	6-GANG FLOOR BOX. ON-GRADE PAN.	1	1	1	(2) DUPLEX RECEPTACLES	T-SERIES DWGS.	T-SERIES DWGS.	REFER TO T-SERIES DRAWINGS FOR CONDUIT PATHWAY INFORMATION.

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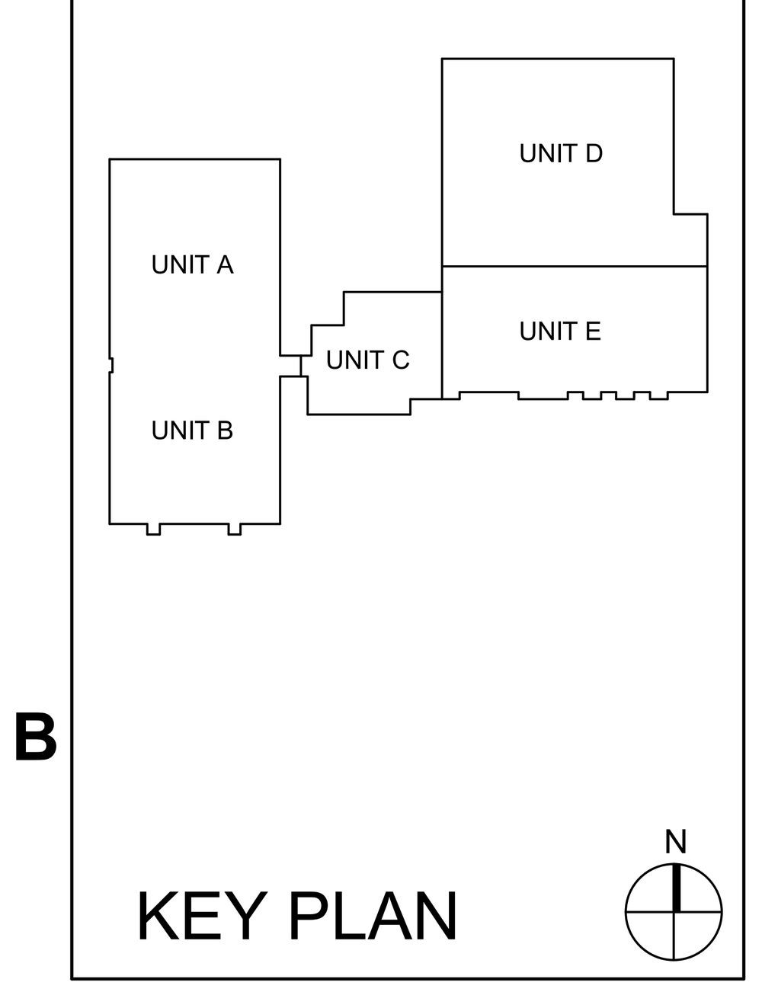

KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

EQUIPMENT SCHEDULES

E-603

BRANCH PANELBOARD SCHEDULE

DESIGNATION: 12D1 | **LOCATION:** Space 100 | **MOUNTING:** SURFACE | **SUPPLY FROM:**
VOLTS: 208Y/120 V | **PHASES:** 3 | **WIRES:** 4 | **AIC RATING:** 10KAIC
MAINS RATING: 225 A | **MAINS TYPE:** MCB

A2

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A		B		C		P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
	1	RR 90B,95,96	RECEPT	20 A	1	0.72	0.72					1	20 A	RECEPT	INNOVATION LAB 91	2	
	3	STOR.87B IDF RACK	RECEPT	20 A	1			0.36	0.54			1	20 A	RECEPT	INNOVATION LAB 91	4	
	5	MEDIA CENTER 90 EWC	recept	20 A	1					1.00	0.36	1	20 A	RECEPT	INNOVATION LAB 91	6	
	7	MEDIA CENTER 90	RECEPT	20 A	1	0.36	0.72					1	20 A	RECEPT	INNOVATION LAN 91	8	
	9	CORRIDOR 92	RECEPT	20 A	1			0.54	0.72			1	20 A	RECEPT	INNOVATION LAB 91	10	
	11	CORRIDOR 92	RECEPT	20 A	1					0.54	0.90	1	20 A	RECEPT	FITNESS 72	12	
	13	MEDIA CENTER 90	RECEPT	20 A	1	0.72	0.90					1	20 A	RECEPT	FITNESS 72	14	
	15	MEDIA CENTER 90	RECEPT	20 A	1			0.54	0.72			1	20 A	RECEPT	FITNESS 72	16	
	17	MEDIA CENTER 90 FLOOR BOX	RECEPT	20 A	1					0.72	0.54	1	20 A	RECEPT	FITNESS 72	18	
	19	MEDIA CENTER 90 FLOOR BOX	RECEPT	20 A	1	0.36	0.36					1	20 A	LIGHTING	FITNESS 72	20	
	21	MEDIA CENTER	RECEPT	20 A	1			0.54	0.00			1	20 A		SPARE	22	--
	23	CORRIDOR 92	RECEPT	20 A	1					0.72	0.42	1	20 A	LIGHTING	RESTROOM 90B, 95,96	24	
	25	PROJECT RM 90A	RECEPT	20 A	1	0.72	1.65					1	20 A	LIGHTING	MEDIA CENTER 90	26	
	27	PROJECT RM 91B	RECEPT	20 A	1			0.72	0.00			1	20 A		SPARE	28	--
	29	MEDIA WR 90A	RECEPT	20 A	1					0.54	0.77	1	20 A	LIGHTING	PROJ RM 91A,91B, CORR 92, WR...	30	
	31	MEDIA WR 90A COPIER	RECEPT	20 A	1	1.20	0.60					1	20 A	LIGHTING	INNOVATION LAB 91	32	
	33	MEDIA WR 90A	RECEPT	20 A	1			0.72	0.18			1	20 A	RECEPT	GYM	34	
	35	CU-2 ON ROOF	MOTOR	20 A	2					3.03	1.92	3	20 A	MOTOR	BLEACHER MOTOR	36	
--	37	--	--	--	--	3.03	1.92					--	--	--	--	38	--
	39	CU-6 ON ROOF	MOTOR	20 A	2			1.72	1.92			--	--	--	--	40	--
--	41	--	--	--	--					1.72	0.00	1	20 A		SPARE	42	--
--	43	SPARE		20 A	1	0.00	0.00					1	20 A		SPARE	44	--
--	45	SPARE		20 A	1			0.00	0.00			1	20 A		SPARE	46	--
--	47	SPARE		20 A	1					0.00	0.00	1	20 A		SPARE	48	--
--	49	SPARE		20 A	1	0.00	0.00					1	20 A		SPARE	50	--
--	51	SPARE		20 A	1			0.00	0.00			1	20 A		SPARE	52	--
--	53	SPARE		20 A	1					0.00	0.00	1	20 A		SPARE	54	--
					TOTAL LOAD:	13.97 kVA		9.22 kVA		13.17 kVA							
					TOTAL AMPS:	122 A		77 A		115 A							

A2 A2 A2

TOTAL CONNECTED LOAD:	36.36 kVA	33.65 kVA	TOTAL DEMAND LOAD:
TOTAL CONNECTED AMPS:	122 A	93 A	TOTAL DEMAND AMPS:

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
C	CONTACTOR CONTROLLED	Receptacle - General	17320 VA	78.87%	13660 VA
G	GFCI PROTECTED	Lighting - Interior	3791 VA	125.00%	4739 VA
P	HANDLE LOCKING DEVICE	Mechanical - Motor	15249 VA	100.00%	15249 VA
S	SHUNT TRIP				
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				
	FEED THROUGH LUGS (FTL)				
	SUB FEED LUGS (SFL)				

NOTES:
1. NEW PANELBOARD.
2. PROVIDE INTERNAL SPD.

A2

BRANCH PANELBOARD SCHEDULE

DESIGNATION: 12B1 | **LOCATION:** Space 81 | **MOUNTING:** FLUSH | **SUPPLY FROM:**
VOLTS: 208Y/120 V | **PHASES:** 3 | **WIRES:** 4 | **AIC RATING:** 10 KAIC
MAINS RATING: 100 A | **MAINS TYPE:** MCB 100 A

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A		B		C		P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
G	1	CORRIDOR 46 EWC	MOTOR	20 A	1	1.00	1.20					1	20 A	POWER	WORKROOM 13 INVERTER A1	2	
G	3	CORRIDOR 46 EWC	MOTOR	20 A	1			1.00	1.20			1	20 A	POWER	WORKROOM 13 INVERTER A2	4	
	5	GIRLS 31A, BOYS 31B	RECEPTS	20 A	1					0.36	1.20	1	20 A	POWER	WORKROOM 13 INVERTER B1	6	
	7	BOYS 12A, GIRLS 12B	RECEPTS	20 A	1	0.36	1.20					1	20 A	POWER	WORKROOM 13 INVERTER B2	8	
G	9	CORRIDOR 47 EWC	RECEPTS	20 A	1			1.00	0.36			1	20 A	RECEPTS	MENS 42, WOMEN 43	10	
G	11	CORRIDOR 47 EWC	RECEPTS	20 A	1					1.00	0.36	1	20 A	RECEPTS	PLUMBING 41	12	
	13	JANITOR 45 EF-1	MOTOR	20 A	1	1.18	0.00					1	20 A	POWER	JANITOR 45 FANAC	14	
	15	JANITOR 45 EF-2	MOTOR	20 A	1			1.18	0.00			1	20 A		SPARE	16	--
--	17	SPARE		20 A	1					0.00	0.00	1	20 A		SPARE	18	--
--	19	SPARE		20 A	1	0.00	0.00					1	20 A		SPARE	20	--
--	21	SPARE		20 A	1			0.00	0.00			1	20 A		SPARE	22	--
--	23	SPARE		20 A	1					0.00	0.00	1	20 A		SPARE	24	--
--	25	SPARE		20 A	1	0.00	0.44					3	20 A	MOTOR	BP-1	26	
--	27	SPARE		20 A	1			0.00	0.44			--	--	--	--	28	--
--	29	SPARE		20 A	1					0.00	0.44	--	--	--	--	30	--
					TOTAL LOAD:	5.38 kVA		5.18 kVA		3.36 kVA							
					TOTAL AMPS:	47 A		46 A		28 A							

TOTAL CONNECTED LOAD:	13.93 kVA	13.93 kVA	TOTAL DEMAND LOAD:
TOTAL CONNECTED AMPS:	47 A	39 A	TOTAL DEMAND AMPS:

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
C	CONTACTOR CONTROLLED	Receptacle - General	5440 VA	100.00%	5440 VA
G	GFCI PROTECTED	Mechanical - Motor	3690 VA	100.00%	3690 VA
P	HANDLE LOCKING DEVICE	Power - Continuous	4800 VA	100.00%	4800 VA
S	SHUNT TRIP	Other	0 VA	0.00%	0 VA
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				
	FEED THROUGH LUGS (FTL)				
	SUB FEED LUGS (SFL)				

NOTES:
1. NEW PANELBOARD.
2. PROVIDE INTERNAL SPD.

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PANELBOARD ABBREVIATIONS

#	NOTES
FTL	FEED THROUGH LUGS
MCB	MAIN CIRCUIT BREAKER
MFS	MAIN FUSED SWITCH
MLO	MAIN LUGS ONLY
SFL	SUB-FEED LUGS
SPD	SURGE PROTECTION DEVICE

SWITCHBOARD/PANELBOARD NOTES

#	NOTES
A	VERIFY SIZE AND QUANTITY OF LUGS REQUIRED PER ONE-LINE DIAGRAM.
B	VERIFY PANEL / LUG SIZE REQUIRED FOR FEEDERS INDICATED ON ONE-LINE DIAGRAM. MODIFY AS REQUIRED FOR LARGER FEEDERS.
C	VERIFY CONDUIT ENTRY LOCATION ON EACH PANEL.
D	CONFIRM FINAL ROOM NAMES AND NUMBERS WITH OWNER PRIOR TO CREATING FINAL PANELBOARD DIRECTORIES.
E	MODIFY AIC RATINGS INDICATED ON SCHEDULES, AS REQUIRED, PER SPECIFICATION SECTION 260574.99.

SWITCHBOARD SCHEDULE

SWITCHBOARD: MSB | **LOCATION:** Space 187 | **MOUNTING:** FLOOR | **SUPPLY FROM:**
VOLTS: 480Y/277 V | **PHASES:** 3 | **WIRES:** 4 | **AIC RATING:**
MAINS RATING: 1600 A | **MAINS TYPE:** MCB | **MCB RATING:** 1600 A | **MCB OPTIONS:**

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O	CKT NO.	CIRCUIT DESCRIPTION	P	FRAME SIZE	TRIP RATING	A	B	C	LOAD	REMARKS
--	1	EXISTING	3	--	0 A	--	--	--	0.00	
--	2	EXISTING	3	--	0 A	--	--	--	0.00	
--	3	EXISTING	3	--	0 A	--	--	--	0.00	
--	4	EXISTING	3	--	0 A	--	--	--	0.00	
--	5	60A SPARE SWITCH, FUSED AT 50A	3	--	0 A	--	--	--	0.00	
--	6	EXISTING	3	--	0 A	--	--	--	0.00	
--	7	EXISTING	3	--	0 A	--	--	--	0.00	
--	8	100A SPARE SWITCH, FUSED AT 90A	3	--	0 A	--	--	--	0.00	
--	9	EXISTING	3	--	0 A	--	--	--	0.00	
--	10	EXISTING	3	--	0 A	--	--	--	0.00	
--	11	EXISTING	3	--	0 A	--	--	--	0.00	
--	12	EXISTING	3	--	0 A	--	--	--	0.00	
--	13	EXISTING	3	--	0 A	--	--	--	0.00	
--	14	EXISTING	3	--	0 A	--	--	--	0.00	
--	15	EXISTING	3	--	0 A	--	--	--	0.00	
--	16	EXISTING	3	--	0 A	--	--	--	0.00	
--	17	EXISTING	3	--	0 A	--	--	--	0.00	
--	18	EXISTING	3	--	0 A	--	--	--	0.00	
--	19	EXISTING	3	--	0 A	--	--	--	0.00	
--	20	EXISTING	3	--	0 A	--	--	--	0.00	
					TOTAL LOAD:	0.00 kVA	0.00 kVA	0.00 kVA		
					TOTAL AMPS:	0 A	0 A	0 A		

TOTAL CONNECTED LOAD:	0.00 kVA
TOTAL CONNECTED AMPS:	0 A
TOTAL DEMAND LOAD:	0.00 kVA
TOTAL DEMAND AMPS:	0 A

SWITCHBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
C	CONTACTOR CONTROLLED				
G	GFCI PROTECTED				
P	HANDLE LOCKING DEVICE				
S	SHUNT TRIP				
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				

Notes:
1. EXISTING SWITCHBOARD TO BE REUSED.

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BRANCH PANELBOARD SCHEDULE

DESIGNATION: 12C1 | **LOCATION:** Space 56 | **MOUNTING:** SURFACE | **SUPPLY FROM:**
VOLTS: 208Y/120 V | **PHASES:** 3 | **WIRES:** 4 | **AIC RATING:** 10KAIC
MAINS RATING: 100 A | **MAINS TYPE:** MCB

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A		B		C		P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
	1	COTS 55C	RECEPT	20 A	1	0.36	0.90					1	20 A	RECEPT	OFFICE 52A	2	
	3	CLINIC 55A	RECEPT	20 A	1			1.20	0.72			1	20 A	RECEPT	OFFICE 52B	4	
	5	CLINIC 55A	RECEPT	20 A	1					0.18	1.20	1	20 A	RECEPT	RECEPT 54A	6	
	7	CLINIC 55A	RECEPT	20 A	1	0.36	0.72					1	20 A	RECEPT	RECEPT 54A	8	
	9	55A, 55B, IDF	RECEPT	20 A	1			0.54	0.18			1	20 A	RECEPT	RECEPT 54A	10	
	11	FACP	RECEPT	20 A	1					0.00	0.36	1	20 A	RECEPT	VEST 59B	12	
	13	CLASSROOM 58	RECEPT	20 A	1	0.72	0.36					1	20 A	RECEPT	OFFICE 52	14	
	15	CLASSROOM 58	RECEPT	20 A	1			0.54	1.20			1	20 A	POWER	UNIT C INVERTER	16	
	17	CLASSROOM 58	RECEPT	20 A	1					0.36	0.36	1	20 A	RECEPT	OFFICE 52 INTERCOM	18	
	19	CLASSROOM 57	RECEPT	20 A	1	0.36	0.00					1	20 A	RECEPT	H-15 ON ROOF	20	
	21	CLASSROOM 57	RECEPT	20 A	1			0.72	0.18			1	20 A	RECEPT	ROOFTOP	22	
	23	CLASSROOM 57	RECEPT	20 A	1					0.54	1.72	2	20 A	MOTOR	CU-1 ON ROOF	24	
	25	RECEPT 50,OFFICE 50E	RECEPT	20 A	1	0.72	1.72					--	--	--	--	26	--
G	27	WORKROOM 50F	RECEPT	20 A	1			1.20	1.72			2	20 A	MOTOR	CU-3 ON ROOF	28	
	29	WORKROOM 50F	RECEPT	20 A	1					1.20	1.72	--	--	--	--	30	--
	31	WORKROOM 50F	RECEPT	20 A	1	0.36	0.00					1	20 A		SPARE	32	--
	33	OFFICE 50H	RECEPT	20 A	1			0.54	0.00			1	20 A		SPARE	34	--
	35	OFFICE 50J	RECEPT	20 A	1					0.72	0.00	1	20 A		SPARE	36	--
--	37	SPARE		20 A	1	0.00	0.00					1	20 A		SPARE	38	--
--	39	SPARE		20 A	1			0.00	0.00			1	20 A		SPARE	40	--
--	41	SPARE		20 A	1					0.00	0.00	1	20 A		SPARE	42	--
					TOTAL LOAD:	6.58 kVA		8.74 kVA		8.35 kVA							
					TOTAL AMPS:	55 A		75 A		72 A							

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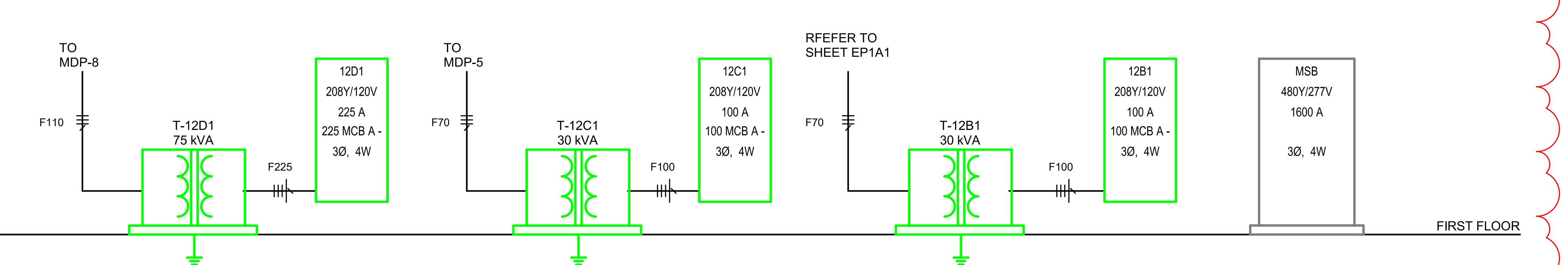
TOTAL CONNECTED LOAD:	23.66 kVA	20.86 kVA	TOTAL DEMAND LOAD:
TOTAL CONNECTED AMPS:	75 A	58 A	TOTAL DEMAND AMPS:

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	DEMAND FACTOR	ESTIMATE DEMAND (VA)
C	CONTACTOR CONTROLLED	Receptacle - General	15600 VA	82.05%	12800 VA
G	GFCI PROTECTED	Mechanical - Motor	6864 VA	100.00%	6864 VA
P	HANDLE LOCKING DEVICE	Power - Continuous	1200 VA	100.00%	1200 VA
S	SHUNT TRIP	Other	0 VA	0.00%	0 VA
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI				
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIG				
	FEED THROUGH LUGS (FTL)				
	SUB FEED LUGS (SFL)				

NOTES:
1. NEW PANELBOARD.
2. PROVIDE SPD INTERNAL.

A2

A2



1A **ONE-LINE DIAGRAM**
N.T.S.

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
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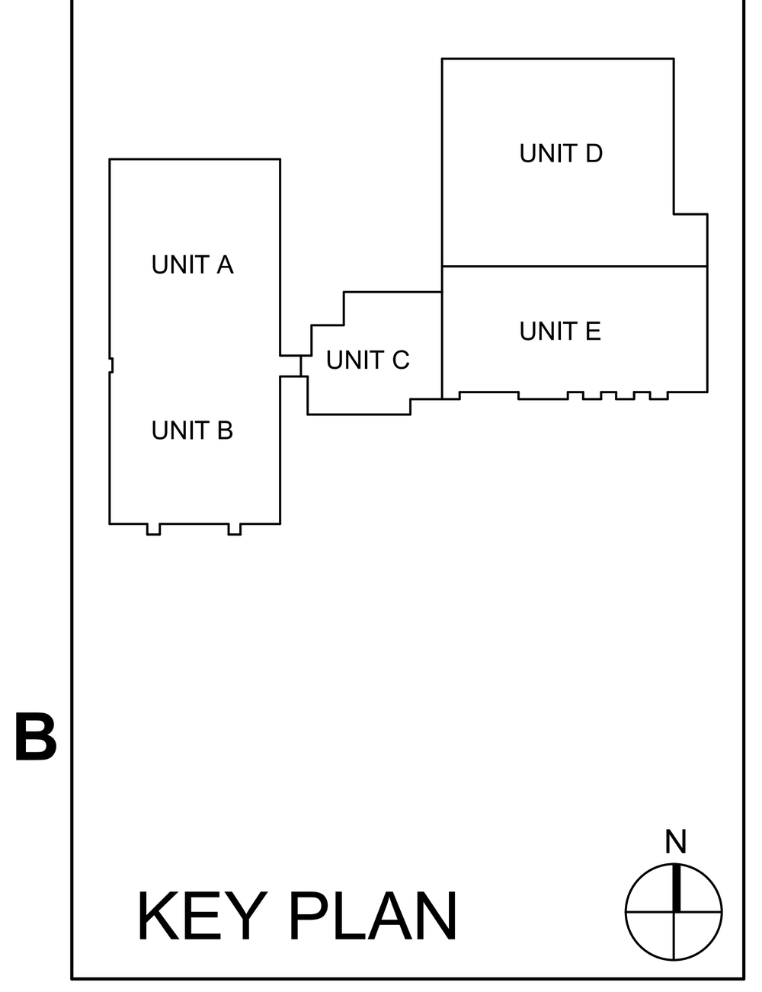
Project No. 2020-154.SMS
Project Date 07.26.2021
Produced Designer Author

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum 1	08.11.2021
A2	Addendum 2	08.18.2021

3635 173rd Street
Hammond, IN 46323



KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

PANELBOARD SCHEDULES

E-604

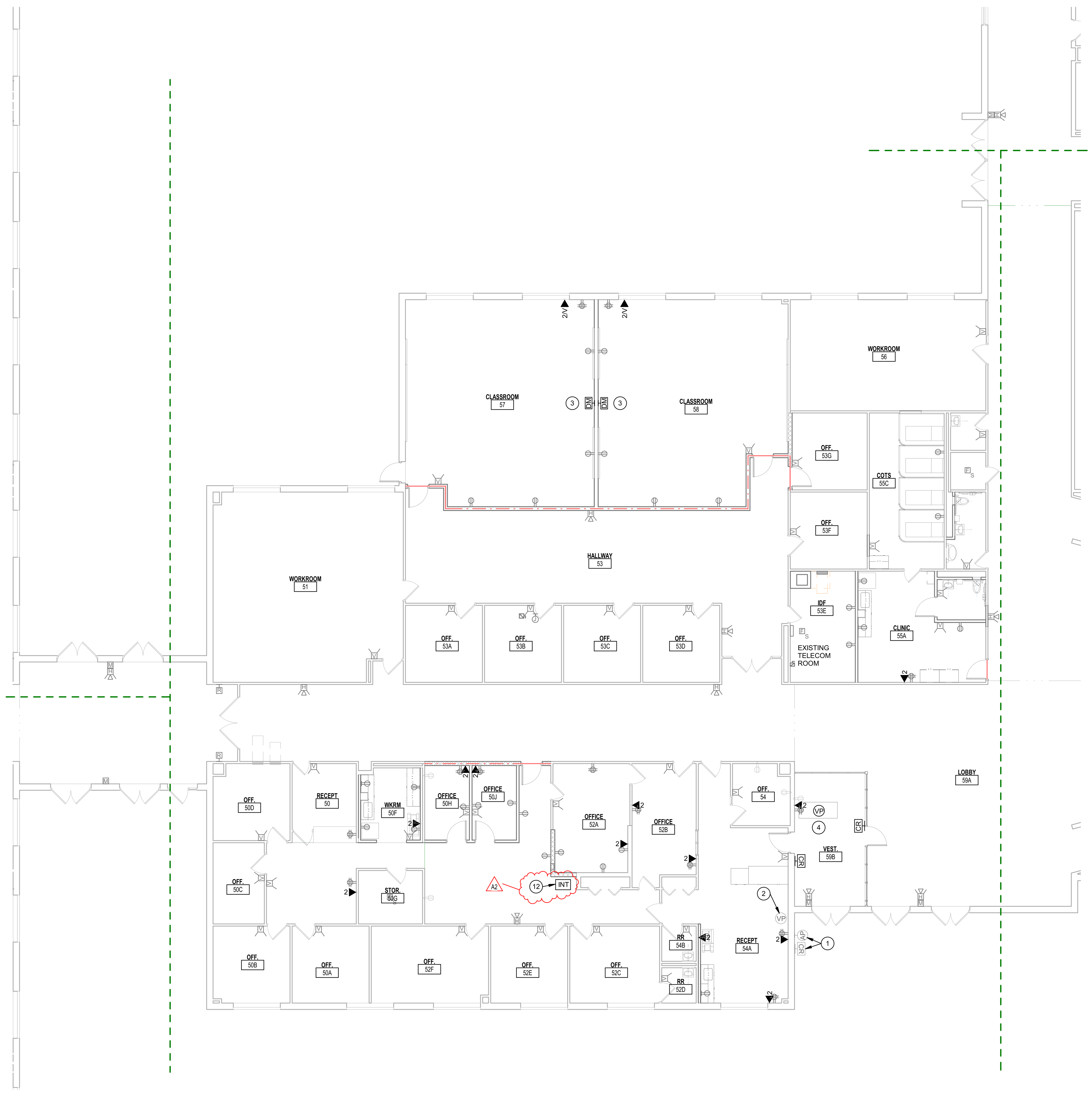
GENERAL TELECOMMUNICATIONS NOTES

#	NOTES
A	REFER TO SHEET T-001 FOR ADDITIONAL INFORMATION.

TELECOMMUNICATIONS PLAN NOTES

#	NOTES
1	EXISTING AUDIO PHONE AND CARD READER TO REMAIN.
2	EXISTING DOOR RELEASE MASTER STATION TO BE RELOCATED FROM EXISTING ADMIN DESK TO HERE.
3	OWNER PROVIDED PROMETHEAN MONITOR. CONTRACTOR TO INSTALL. PROVIDE A/V ROUGH-IN AND POWER AT 5'-8" A.F.F.
4	NEW DOOR RELEASE MASTER STATION LOCATION.
5	EXISTING TELECOM CABINET FROM STORAGE/BATHROOM TO BE RELOCATED HERE. PROVIDE NEW BACKBONE FIBER AND NEW HORIZONTAL DATA CABLING AS REQUIRED.
6	RE-USE OR PROVIDE NEW UTP DATA CABLING IF EXISTING DATA CABLING IS NOT ABLE TO BE RELOCATED TO NEW CABINET LOCATION.
7	PROVIDE DATA AND POWER AT 6'-10" A.F.F FOR OWNER PROVIDED MONITOR.
8	NEW SOUND SYSTEM EQUIPMENT RACK. COORDINATE FINAL LOCATION WITH OWNER.
8	PROVIDE A/V ROUGH-IN AND POWER AT 5'-0" A.F.F. FOR FUTURE MONITORS.
9	PROVIDE WALL MOUNTED SPEAKER AT 11' A.F.F.
10	PROVIDE (4) OVERHEAD MICROPHONES AS SPECIFIED.
11	PROVIDE WIRED MICROPHONE JACK IN EXISTING FLOORBOX.
12	EXISTING INTERCOM CENTRAL EQUIPMENT AND CABINET TO BE RELOCATED HERE. REROUTE EXISTING SPEAKER WIRING TO THIS LOCATION. SPLICE IN NEW SPEAKER WIRING AS REQUIRED.

A2



1 FIRST FLOOR TELECOMMUNICATIONS PLAN - UNIT C
1/8" = 1'-0"

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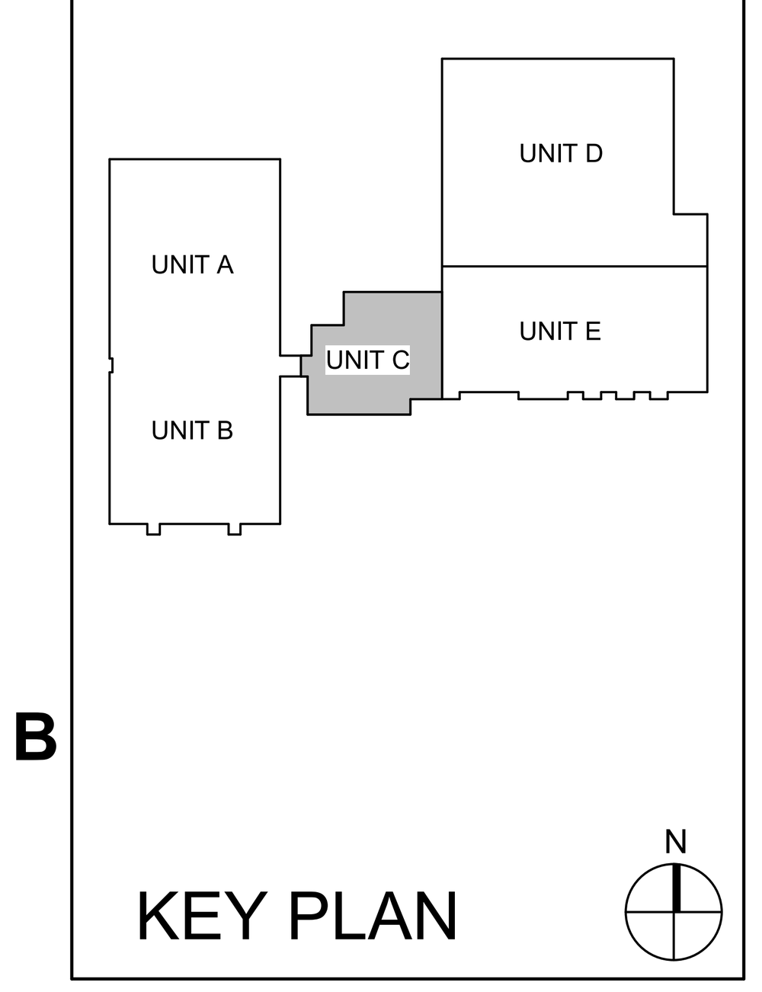

KEY PLAN

School City of Hammond

School City of Hammond

Scott Middle School - Renovations

FIRST FLOOR TELECOMMUNICATIONS PLAN - UNIT C

TF1C1