ADDENDUM NO. 02

January 8, 2026

2026 - Zionsville Community Schools District Wide Improvements
Zionsville, IN 46077

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 December 11, 2025, by Fanning Howey (Architect). 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 Pages ADD 2-1 through ADD 2-2 and attached Fanning Howey Associates, Inc., Addendum No. 02 dated January 8, 2026, consisting of 28 items, 4 pages, new specification section *12 93 00 – Site Improvements and Amenities,* revised specification section *27 51 23.01 – Intercommunications and Program Systems – Elementary Schools*, and 73 drawing pages.

A. 01 12 00 – MULTIPLE CONTRACT SUMMARY

1. Revised specification section and reissued in entirety. Specific changes are noted below for reference. All Bidding Contractors shall review and incorporate revisions.

2. Bid Category #01 – Asphalt Paving (All Buildings)

Add the following clarifications:
Clarification #'s 10, 11 & 12

3. Bid Category #02 - General Trades

Add the following specification sections:
Section 12 39 00 Site Improvements and Amenities

Add the following clarifications:

Clarification #'s 37 – 54

4. **Bid Category #03 – Plumbing & HVAC (ZCHS Only)**

   Add the following clarifications:
   Clarification #'s 13 – 18

5. **Bid Category #04 – Electrical & Technology (ZCHS, ZWMS & ZMS)**

   Add the following clarifications:
   Clarification #'s 18 – 25

6. **Bid Category #05 – HVAC Controls (ZWMS & UNION)**

   Add the following clarifications:
   Clarification #'s 7 & 8

7. **Bid Category #06 – Public Address and Fire Alarm (BME & SGE)**

   Add the following clarifications:
   Clarification #'s 14 & 15

8. **Bid Category #07 – Public Address and Fire Alarm (Union & ZWMS)**

   Add the following clarifications:
   Clarification #'s 11 & 12

B. 01 21 00 – ALLOWANCES

1. Revised specification section and reissued in entirety.

C. 01 32 00 – SCHEDULES AND REPORTS

1. The more detailed Guideline Schedule is included in Addendum 02. All Bidding Contractors shall review for familiarity and bidding purposes.

A D D E N D U M N O. 2

Zionsville Community Schools 2026 Improvements

Zionsville Community Schools
Zionsville, Indiana

Project No. 224035.00

Index of Contents

Addendum No. 2, 28 items, 5 pages
New Project Manual Section: Section 12 93 00 – Site Improvements and Amenities
Revised Project Manual Section: 27 51 23.01 – Intercommunications and Program Systems – Elementary Schools
New Drawing Sheet, Stonegate Elementary School: SG-G4-02
New Drawing Sheet, Zionsville High School: ZH-E-602 – Panelboard Schedules, ZH-E-701 – Theatrical Riser Diagram – Auditorium, and ZH-E-702 – Theatrical Riser Diagram - PAC
Revised Drawing Sheets, Zionsville High School: G-001, ZH-AP101, ZH-AD11A, ZH-AD11B, ZH-AC11A, ZH-AC12A, ZH-AR101, ZH-A-301, ZH-A-430, ZH-AF11A, ZH-AF11B, ZH-AF201, ZH-AF202, ZH-AF601, ZH-AQ11A, ZH-AQ501, ZH-AQ601, ZH-E-001, ZH-ED11A, ZH-ED11B, ZH-EL11A, ZH-EL11B, ZH-EP11A, ZH-ET11A. ZH-E-401, ZH-E-402, ZH-E-403, ZH-E-601, ZH-T11A, ZH-T12A, ZH-T501, ZH-T502, and ZH-T701
Revised Drawing Sheets, Zionsville West Middle School: ZW-G1.00, ZW-G1.01, ZW-A-101, ZW-M-703, ZW-M-704, ZW-E-001, ZW-ED110, ZW-EL110, ZW-E-401, ZW-E-601, and ZW-T11A
Revised Drawing Sheets: Zionsville Middle School: ZM-A-101, ZM-ED110, ZM-EL110, ZM-E-401, ZM-E-601, and ZM-T11A
Revised Drawing Sheets, Eagle Elementary School: : EEA-11A and EEA-101
Revised Drawing Sheets Boone Meadow Elementary School: BM-G1.00, BM-G1.01, and BM-T11
Revised Drawing Sheets, Stonegate Elementary School: SG-GD1.00, SG-G1.01, SG-G1.02, SG-G1.03, SG-G2.01, SG-G3.01, SG-G3.02, SG-G3.03, SG-G4.00, SG-G4.01 and SG-T11
Revised Drawing Sheets Union Elementary School: UE-M-704, UE-M-705, and UE-T11

Date: January 8, 2026

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS



Paul A. Miller
Registration Number AR10800161

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2 to Drawings and Project Manual, dated December 11, 2025, for Zionsville Community Schools 2026 Improvements for Zionsville Community Schools, 900 Mulberry Street, Zionsville, Indiana, 46077; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.
This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. ADDENDUM NO. 1

A. Revised Specification Section 11 61 00 – Theater and Stage Equipment:

1. Add 1.1, A., 1., as follows:

"1. This technical specification is applicable to fabrics, stage curtains, and rigging associated with the Zionsville High School portion of the project."

2. Delete 1.2, A., in its entirety.

ITEM NO. 2. PROJECT MANUAL, TABLE OF CONTENTS

A. Volume #2, Page 00 01 10-2, DIVISION 12: Add Section 12 93 00 – Site Improvements and Amenities.

ITEM NO. 3. NEW PROJECT MANUAL SECTIONS

A. New Project Manual Section 12 93 00 – Site Improvements and Amenities is included with and hereby made a part of this Addendum.

ITEM NO. 4. REVISED PROJECT MANUAL SECTIONS

A. Sections 27 51 23.01 – Intercommunications and Program Systems – Elementary Schools, dated 1/9/26, and is included with and hereby made a part of this Addendum.

ITEM NO. 5. PROJECT MANUAL, SECTION 09 84 01 – WOOD ACOUSTICAL WALL TREATMENT

A. Replace 3.5, A., 8., c., as follows:

"c. Provide glass or mineral fiber insulation, minimum density of 3 lbs/sq. ft. Loosely fill between furring behind WWP2 panels."

ITEM NO. 6. PROJECT MANUAL, SECTION 09 84 36 – SOUND-ABSORBING CEILING UNITS

A. Add 2.3, E., 1., e., as follows:

"e. Minimum surface mass: 2.50 lbs/sq ft.

B. Article 2,3, E., 4: Change "1 inch" to "2 inch" at beginning of paragraph.

ITEM NO. 7. PROJECT MANUAL, SECTION 11 61 10 – ORCHESTRA PIT FILLER

A. Add 2.4, B., as follows:

"B. Electrical Stage Floor Box: Basis of Design, "FL-1300" by FSR, Inc.
1. Metal Floor Box 5-1/8 inch by 7-1/8" by 4-7/8".
2. Hinged cover, 1/8 inch thick.
a. Finish: Painted black, manufacturer's Sandtex finish.
3. Provide with standard 2 gang plate and six 3/4 inch knockouts.
4. Provide hinged cable pass thru opening in hinged cover.
5. Provide (4) countersink flat head screws for attachment.

ITEM NO. 8. PROJECT MANUAL, SECTION 23 09 00.1 – HVAC DIRECT DIGITAL CONTROLS

A. Article 2.3, A.: Replace first sentence to read as follows:

"Existing control vales are to be replaced, unless otherwise noted."

ITEM NO. 9. PROJECT MANUAL, SECTION 27 51 16.02 - PUBLIC ADDRESS AND MASS NOTIFICATION SYSTEMS - BASEBALL/SOFTBALL FIELD AUDIO

A. Replace Spec 2.5.A.3 as follows:

Provide DANTE Option Card in the AHM-32

ITEM NO. 10. PROJECT MANUAL, SECTION 27 51 16.02 - PUBLIC ADDRESS AND MASS NOTIFICATION SYSTEMS - BASEBALL/SOFTBALL FIELD AUDIO

A. Delete Spec 2.6.B Weather Receiver in its entirety.

ITEM NO. 11. PROJECT MANUAL, SECTION 27 51 16.03 – PUBLIC ADDRESS AND MASS NOTIFICATION SYSTEMS – ZCS ZHS POOL AUDIO

A. Replace Spec 2.5.A.3 as follows:

Provide DANTE Option Card in the AHM-32

ITEM NO. 12. PROJECT MANUAL, SECTION 27 51 16.03 – PUBLIC ADDRESS AND MASS NOTIFICATION SYSTEMS – ZCS ZHS POOL AUDIO

A. Delete Spec 2.6.B Weather Receiver in its entirety.

ITEM NO. 13. PROJECT MANUAL, SECTION 28 31 11 - DIGITAL, ADDRESSABLE FIRE ALARM SYSTEM

A. Remove and replace paragraph 1.10, A with the following:

"A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents. Quantities below are in addition to quantities identified in note 37 on ZW-E-001 and ZH-E-001."

B. Remove and replace paragraph 1.10, A, 3 with the following;

"3. Smoke Detectors, Fire Detectors: No fewer than 1 of each type."

C. Remove and replace paragraph 1.10, A, 4 with the following:

"4. Detector Bases: No fewer than 1 of each type."

ITEM NO. 14. PROJECT MANUAL, SECTION 32 18 24 – RUNNING TRACK SURFACE

A. Article 2.02, B., 1.: Change "3/8-inch-thick" to read "1/2-inch-thick" within sentence.

B. Article 2.02, C., 1., c: Change "3/8-inch depth" to read "1/2-inch depth" within paragraph.

D. Article 2.02, C., 2., b., 2): Change "3/8-inch depth" to read "1/2-inch depth" within paragraph.

E. Article 3.07, B., : Change "3/8-inch" to read "1/2-inch" within paragraph.

ITEM NO. 15. ACCEPTABLE MANUFACTURERS

The following manufacturers are to be considered acceptable manufacturers (suppliers and fabricators) for the Sections of the Specifications listed. Listed manufacturers are required to bid on products equal in type and design, size, function, and quality to that originally specified. Final decision as to equality of products specified versus those proposed shall be made by the Architect.

Section 09 84 33 – Sound-Absorbing Wall Units
- Specialty Products & Insulation, Lake Bluff, Illinois

Section 12 31 00 – Manufactured Metal Casework
- Air Master Systems, Muskegon, Michigan

Section 23 74 13 – PACKAGED, OUTDOOR, CENTRAL STATION AIR-HANDLING UNITS
- AAON, Inc. (2.1, A – Manufacturers)
- JCI, Johnson Controls, Inc. (2.1, A – Manufacturers)

Section 23 33 00 – AIR DUCT ACCESSORIES,
- VAW Systems (2.6 – Duct Silencers)

Section 27 51 16.01 – Public Address and Mass Notification Systems – ZHS Stadium
- JBL Professional

Section 27 51 16.02 – Public Address and Mass Notification Systems – ZHS BB-SB Fields
- JBL Professional

Section 27 51 16.03 – Public Address and Mass Notification Systems – ZHS Pool Area
- JBL Professional

Section 27 51 16.04 – Public Address and Mass Notification Systems – ZM-ZW Auditorium
- JBL Professional

ITEM NO. 16. NEW DRAWING SHEETS – STONEGATE ELEMENTARY

A. Drawing Sheet No: SG-G4-02 – Storm Profiles, dated 1/8/26, is included with and hereby made a part of this Addendum.

ITEM NO. 17. NEW DRAWING SHEETS – ZIONSVILLE HIGH SCHOOL

A. Drawing Sheet No's: ZH-E-602 – Panelboard Schedules, ZH-E-701 – Theatrical Riser Diagram – Auditorium, and ZH-E-702 – Theatrical Riser Diagram - PAC, dated 1/8/26, is included with and hereby made a part of this Addendum.

ITEM NO. 18. REVISED DRAWING SHEETS – ZIONSVILLE HIGH SCHOOL

A. Drawing Sheets: G-001, ZH-AP101, ZH-AD11A, ZH-AD11B, ZH-AC11A, ZH-AC12A, ZH-AR101, ZH-A-301, ZH-A-430, ZH-AF11A, ZH-AF11B, ZH-AF201, ZH-AF202, ZH-AF601, ZH-AQ11A, ZH-AQ501, ZH-AQ601, ZH-E-001, ZH-ED11A, ZH-ED11B, ZH-EL11A, ZH-EL11B, ZH-EP11A, ZH-ET11A. ZH-E-401, ZH-E-402, ZH-E-403, ZH-E-601, ZH-T11A, ZH-T12A, ZH-T501, ZH-T502, and ZH-T701 have been revised, dated 1/8/26, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 19. REVISED DRAWING SHEETS – ZIONSVILLE WEST MIDDLE SCHOOL

A. Drawing Sheets: ZW-G1.00, ZW-G1.01, ZW-A-101, ZW-M-703, ZW-M-704, ZW-E-001, ZW-ED110, ZW-EL110, ZW-E-401, ZW-E-601, and ZW-T11A have been revised, dated 1/8/26, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 20. REVISED DRAWING SHEETS – ZIONSVILLE MIDDLE SCHOOL

A. Drawing Sheets: ZM-A-101, ZM-ED110, ZM-EL110, ZM-E-401, ZM-E-601, and ZM-T11A have been revised, dated 1/8/26, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 21. REVISED DRAWING SHEETS – EAGLE ELEMENTARY SCHOOL

A. Drawing Sheets: EEA-11A and EEA-101 have been revised, dated 1/8/26, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 22. REVISED DRAWING SHEETS – BOONE MEADOW ELEMENTARY SCHOOL

A. Drawing Sheets: BM-G1.00, BM-G1.01, and BM-T11 have been revised, dated 1/8/26, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 23. REVISED DRAWING SHEETS – STONEGATE ELEMENTARY SCHOOL

A. Drawing Sheets: SG-GD1.00, SG-G1.01, SG-G1.02, SG-G1.03, SG-G2.01, SG-G3.01, SG-G3.02, SG-G3.03, SG-G4.00, SG-G4.01 and SG-T11 have been revised, dated 1/8/26, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 24. REVISED DRAWING SHEETS – UNION ELEMENTARY SCHOOL

A. Drawing Sheets: UE-M-704, UE-M-705, and UE-T11 have been revised, dated 1/8/26, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 25. DRAWING SHEETS NO. BM-FA1A, SG-FA1A, UE-FA1A

A. Replace general notes – fire alarm as follows:

"12. Provide spare fire alarm devices and installation as indicated on ZH-E-001 electrical general notes, typical for building. See sheet ZH-E-001 for fire alarm symbol legend and fire damper detail for this building."

ITEM NO. 26. DRAWING SHEETS NO. BM-FA1B and BM-FA1C

A. Replace sheet keynote F14 as follows:

"Refer to detail 1 on sheet ZH-E-001 for smoke damper."

ITEM NO. 27. DRAWING SHEET NO. ZW-FA1

A. Replace general notes – fire alarm as follows:

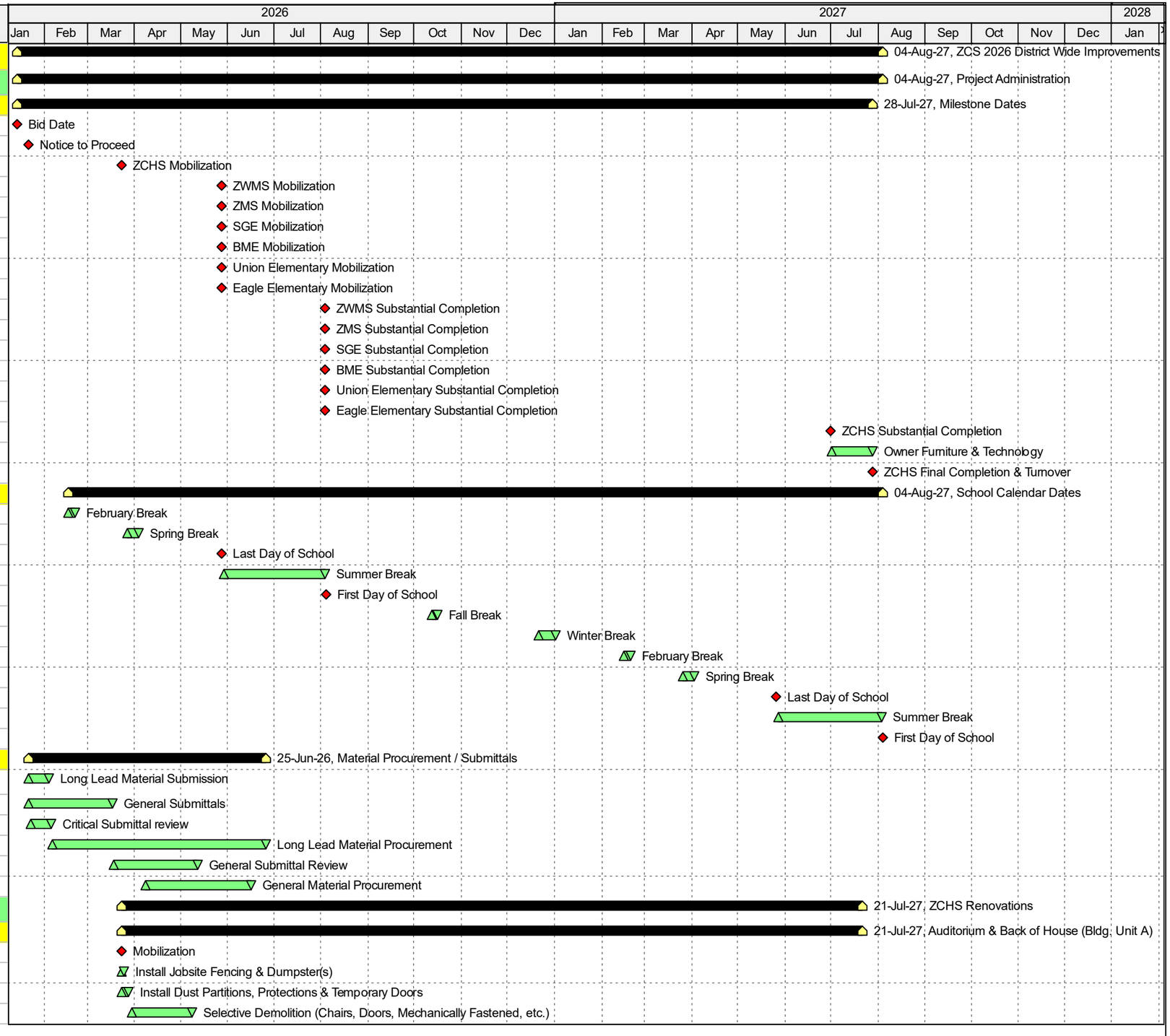
"12. See sheet ZW-E-001 for fire alarm symbol legend, fire damper detail and spare fire alarm devices as indicated in electrical general notes."

ITEM NO. 28. DRAWING SHEET NO. ZM-E-001

A. Delete electrical general notes item #37 in its entirety without replacement.

END OF ADDENDUM

Activity Name	Original Duration	Start	Finish
ZCS 2026 District Wide Improvements	410	14-Jan-26 A	04-Aug-27
Project Administration	410	14-Jan-26 A	04-Aug-27
Milestone Dates	406	14-Jan-26 A	28-Jul-27
Bid Date	0	14-Jan-26*	
Notice to Proceed	0	21-Jan-26*	
ZCHS Mobilization	0	23-Mar-26 A	
ZWMS Mobilization	0	28-May-26*	
ZMS Mobilization	0	28-May-26*	
SGE Mobilization	0	28-May-26*	
BME Mobilization	0	28-May-26*	
Union Elementary Mobilization	0	28-May-26 A	
Eagle Elementary Mobilization	0	28-May-26*	
ZWMS Substantial Completion	0		03-Aug-26
ZMS Substantial Completion	0		03-Aug-26
SGE Substantial Completion	0		03-Aug-26
BME Substantial Completion	0		03-Aug-26
Union Elementary Substantial Completion	0		03-Aug-26
Eagle Elementary Substantial Completion	0		03-Aug-26
ZCHS Substantial Completion	0		30-Jun-27
Owner Furniture & Technology	20	01-Jul-27	28-Jul-27
ZCHS Final Completion & Turnover	0		28-Jul-27
School Calendar Dates	382	16-Feb-26	04-Aug-27
February Break	5	16-Feb-26*	20-Feb-26
Spring Break	6	27-Mar-26*	03-Apr-26
Last Day of School	0		28-May-26*
Summer Break	47	29-May-26*	03-Aug-26
First Day of School	0	04-Aug-26*	
Fall Break	5	12-Oct-26*	16-Oct-26
Winter Break	10	21-Dec-26*	01-Jan-27
February Break	5	15-Feb-27*	19-Feb-27
Spring Break	6	26-Mar-27*	02-Apr-27
Last Day of School	0		26-May-27*
Summer Break	49	27-May-27*	03-Aug-27
First Day of School	0	04-Aug-27*	
Material Procurement / Submittals	112	21-Jan-26	25-Jun-26
Long Lead Material Submission	10	21-Jan-26	03-Feb-26
General Submittals	40	21-Jan-26	17-Mar-26
Critical Submittal review	10	23-Jan-26	05-Feb-26
Long Lead Material Procurement	100	06-Feb-26	25-Jun-26
General Submittal Review	40	18-Mar-26	12-May-26
General Material Procurement	50	08-Apr-26	16-Jun-26
ZCHS Renovations	348	23-Mar-26	21-Jul-27
Auditorium & Back of House (Bldg. Unit A)	348	23-Mar-26	21-Jul-27
Mobilization	0	23-Mar-26*	
Install Jobsite Fencing & Dumpster(s)	2	23-Mar-26	24-Mar-26
Install Dust Partitions, Protections & Temporary Doors	5	23-Mar-26	27-Mar-26
Selective Demolition (Chairs, Doors, Mechanically Fastened, e	30	30-Mar-26	08-May-26

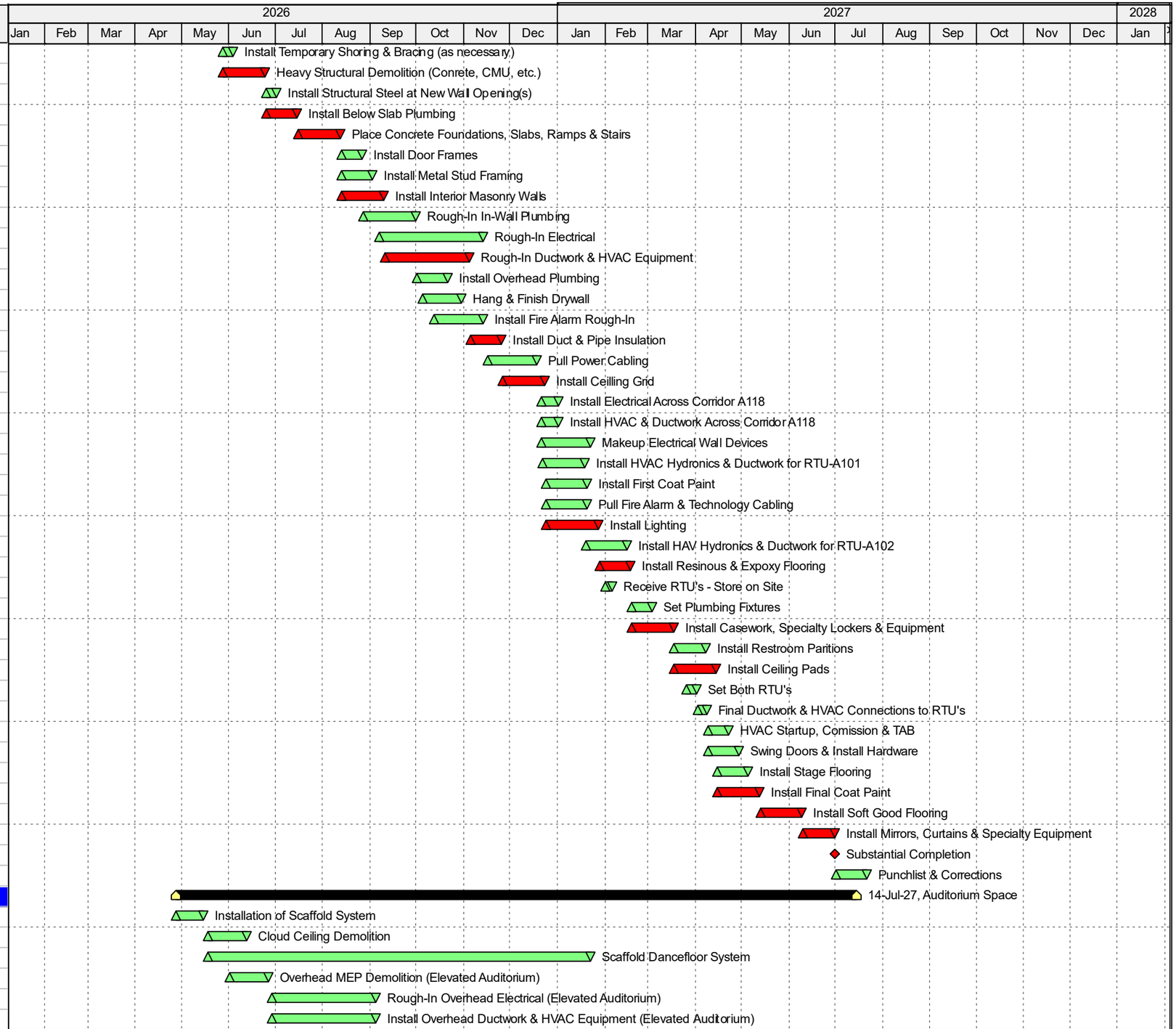


Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

ZCS 2026 District Wide Improvements

Guideline Schedule

Activity Name	Original Duration	Start	Finish
Install Temporary Shoring & Bracing (as necessary)	5	28-May-26	03-Jun-26
Heavy Structural Demolition (Conrete, CMU, etc.)	20	28-May-26*	24-Jun-26
Install Structural Steel at New Wall Opening(s)	5	25-Jun-26	01-Jul-26
Install Below Slab Plumbing	15	25-Jun-26	15-Jul-26
Place Concrete Foundations, Slabs, Ramps & Stairs	20	16-Jul-26	12-Aug-26
Install Door Frames	10	13-Aug-26	26-Aug-26
Install Metal Stud Framing	15	13-Aug-26	02-Sep-26
Install Interior Masonry Walls	20	13-Aug-26	09-Sep-26
Rough-In In-Wall Plumbing	25	27-Aug-26	30-Sep-26
Rough-In Electrical	50	07-Sep-26	13-Nov-26
Rough-In Ductwork & HVAC Equipment	40	10-Sep-26	04-Nov-26
Install Overhead Plumbing	15	01-Oct-26	21-Oct-26
Hang & Finish Drywall	20	05-Oct-26	30-Oct-26
Install Fire Alarm Rough-In	25	12-Oct-26	13-Nov-26
Install Duct & Pipe Insulation	15	05-Nov-26	25-Nov-26
Pull Power Cabling	25	16-Nov-26	18-Dec-26
Install Ceilling Grid	20	26-Nov-26	23-Dec-26
Install Electrical Across Corridor A118	10	21-Dec-26	01-Jan-27
Install HVAC & Ductwork Across Corridor A118	10	21-Dec-26	01-Jan-27
Makeup Electrical Wall Devices	25	21-Dec-26	22-Jan-27
Install HVAC Hydronics & Ductwork for RTU-A101	20	22-Dec-26	18-Jan-27
Install First Coat Paint	20	24-Dec-26	20-Jan-27
Pull Fire Alarm & Technology Cabling	20	24-Dec-26	20-Jan-27
Install Lighting	25	24-Dec-26	27-Jan-27
Install HAV Hydronics & Ductwork for RTU-A102	20	19-Jan-27	15-Feb-27
Install Resinous & Expoxy Flooring	15	28-Jan-27	17-Feb-27
Receive RTU's - Store on Site	5	01-Feb-27*	05-Feb-27
Set Plumbing Fixtures	10	18-Feb-27	03-Mar-27
Install Casework, Specialty Lockers & Equipment	20	18-Feb-27	17-Mar-27
Install Restroom Paritions	15	18-Mar-27	07-Apr-27
Install Ceiling Pads	20	18-Mar-27	14-Apr-27
Set Both RTU's	5	26-Mar-27	01-Apr-27
Final Ductwork & HVAC Connections to RTU's	5	02-Apr-27	08-Apr-27
HVAC Startup, Comission & TAB	10	09-Apr-27	22-Apr-27
Swing Doors & Install Hardware	15	09-Apr-27	29-Apr-27
Install Stage Flooring	15	15-Apr-27	05-May-27
Install Final Coat Paint	20	15-Apr-27	12-May-27
Install Soft Good Flooring	20	13-May-27	09-Jun-27
Install Mirrors, Curtains & Specialty Equipment	15	10-Jun-27	30-Jun-27
Substantial Completion	0		30-Jun-27*
Punchlist & Corrections	15	01-Jul-27	21-Jul-27
Auditorium Space	318	27-Apr-26	14-Jul-27
Installation of Scaffold System	15	27-Apr-26	15-May-26
Cloud Ceiling Demolition	20	18-May-26	12-Jun-26
Scaffold Dancefloor System	180	18-May-26	22-Jan-27
Overhead MEP Demolition (Elevated Auditorium)	20	01-Jun-26	26-Jun-26
Rough-In Overhead Electrical (Elevated Auditorium)	50	29-Jun-26	04-Sep-26
Install Overhead Ductwork & HVAC Equipment (Elevated Au	50	29-Jun-26	04-Sep-26

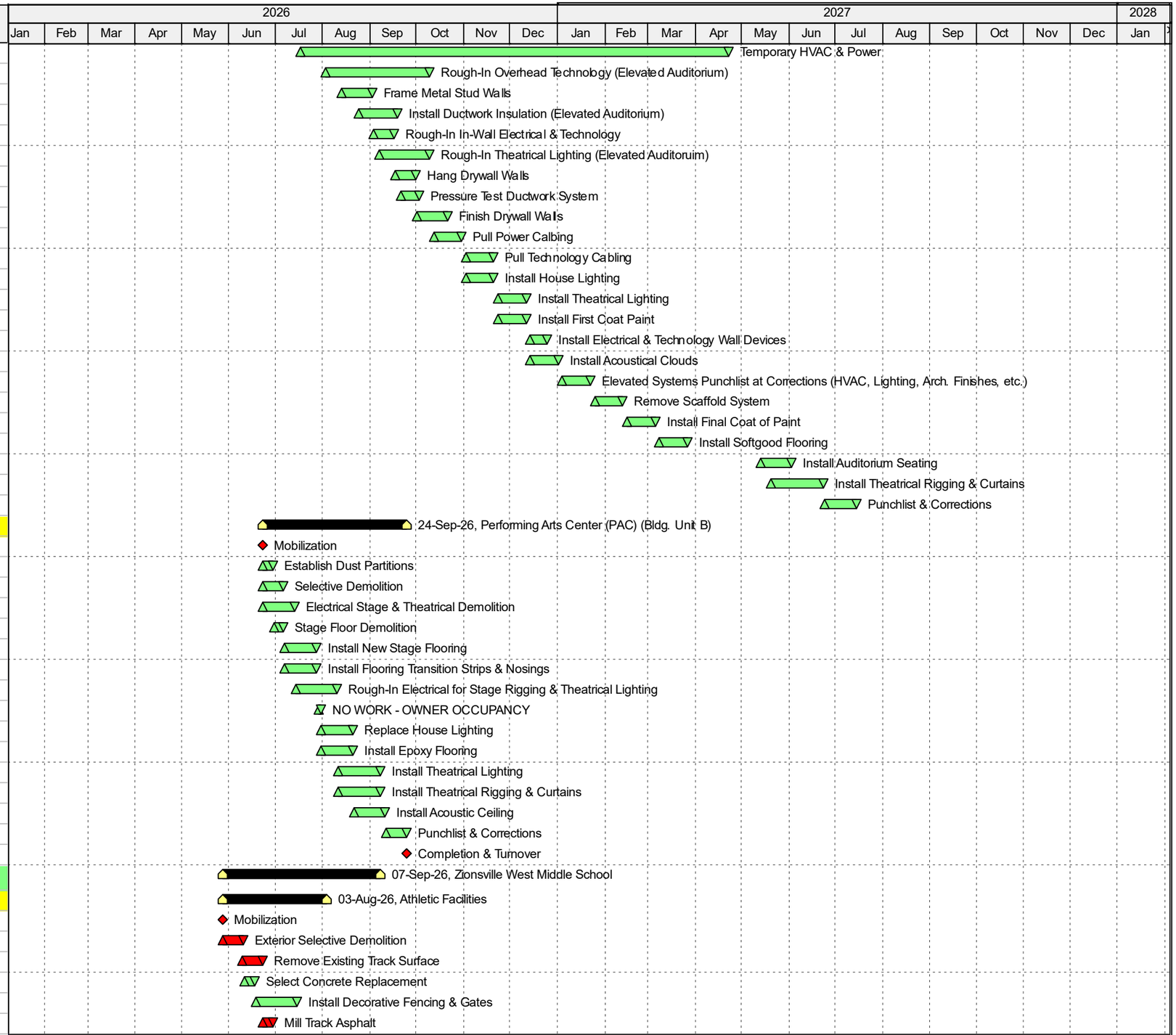


Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

ZCS 2026 District Wide Improvements

Guideline Schedule

Activity Name	Original Duration	Start	Finish
Temporary HVAC & Power	200	17-Jul-26	22-Apr-27
Rough-In Overhead Technology (Elevated Auditorium)	50	03-Aug-26	09-Oct-26
Frame Metal Stud Walls	15	13-Aug-26	02-Sep-26
Install Ductwork Insulation (Elevated Auditorium)	20	24-Aug-26	18-Sep-26
Rough-In In-Wall Electrical & Technology	10	03-Sep-26	16-Sep-26
Rough-In Theatrical Lighting (Elevated Auditoruim)	25	07-Sep-26	09-Oct-26
Hang Drywall Walls	10	17-Sep-26	30-Sep-26
Pressure Test Ductwork System	10	21-Sep-26	02-Oct-26
Finish Drywall Walls	15	01-Oct-26	21-Oct-26
Pull Power Calbing	15	12-Oct-26	30-Oct-26
Pull Technology Cabling	15	02-Nov-26	20-Nov-26
Install House Lighting	15	02-Nov-26	20-Nov-26
Install Theatrical Lighting	15	23-Nov-26	11-Dec-26
Install First Coat Paint	15	23-Nov-26	11-Dec-26
Install Electrical & Technology Wall Devices	10	14-Dec-26	25-Dec-26
Install Acoustical Clouds	15	14-Dec-26	01-Jan-27
Elevated Systems Punchlist at Corrections (HVAC, Lighting,	15	04-Jan-27	22-Jan-27
Remove Scaffold System	15	25-Jan-27	12-Feb-27
Install Final Coat of Paint	15	15-Feb-27	05-Mar-27
Install Softgood Flooring	15	08-Mar-27	26-Mar-27
Install Auditorium Seating	15	13-May-27	02-Jun-27
Install Theatrical Rigging & Curtains	25	20-May-27	23-Jun-27
Punchlist & Corrections	15	24-Jun-27	14-Jul-27
Performing Arts Center (PAC) (Bldg. Unit B)	68	23-Jun-26	24-Sep-26
Mobilization	0	23-Jun-26*	
Establish Dust Partitions	5	23-Jun-26	29-Jun-26
Selective Demolition	10	23-Jun-26	06-Jul-26
Electrical Stage & Theatrical Demolition	15	23-Jun-26	13-Jul-26
Stage Floor Demolition	5	30-Jun-26	06-Jul-26
Install New Stage Flooring	15	07-Jul-26	27-Jul-26
Install Flooring Transition Strips & Nosings	15	07-Jul-26	27-Jul-26
Rough-In Electrical for Stage Rigging & Theatrical Lighting	20	14-Jul-26	10-Aug-26
NO WORK - OWNER OCCUPANCY	2	29-Jul-26*	30-Jul-26
Replace House Lighting	15	31-Jul-26	20-Aug-26
Install Epoxy Flooring	15	31-Jul-26	20-Aug-26
Install Theatrical Lighting	20	11-Aug-26	07-Sep-26
Install Theatrical Rigging & Curtains	20	11-Aug-26	07-Sep-26
Install Acoustic Ceiling	15	21-Aug-26	10-Sep-26
Punchlist & Corrections	10	11-Sep-26	24-Sep-26
Completion & Turnover	0		24-Sep-26
Zionsville West Middle School	73	28-May-26	07-Sep-26
Athletic Facilities	48	28-May-26	03-Aug-26
Mobilization	0	28-May-26*	
Exterior Selective Demolition	10	28-May-26	10-Jun-26
Remove Existing Track Surface	10	09-Jun-26	22-Jun-26
Select Concrete Replacement	5	11-Jun-26	17-Jun-26
Install Decorative Fencing & Gates	20	18-Jun-26	15-Jul-26
Mill Track Asphalt	5	23-Jun-26	29-Jun-26

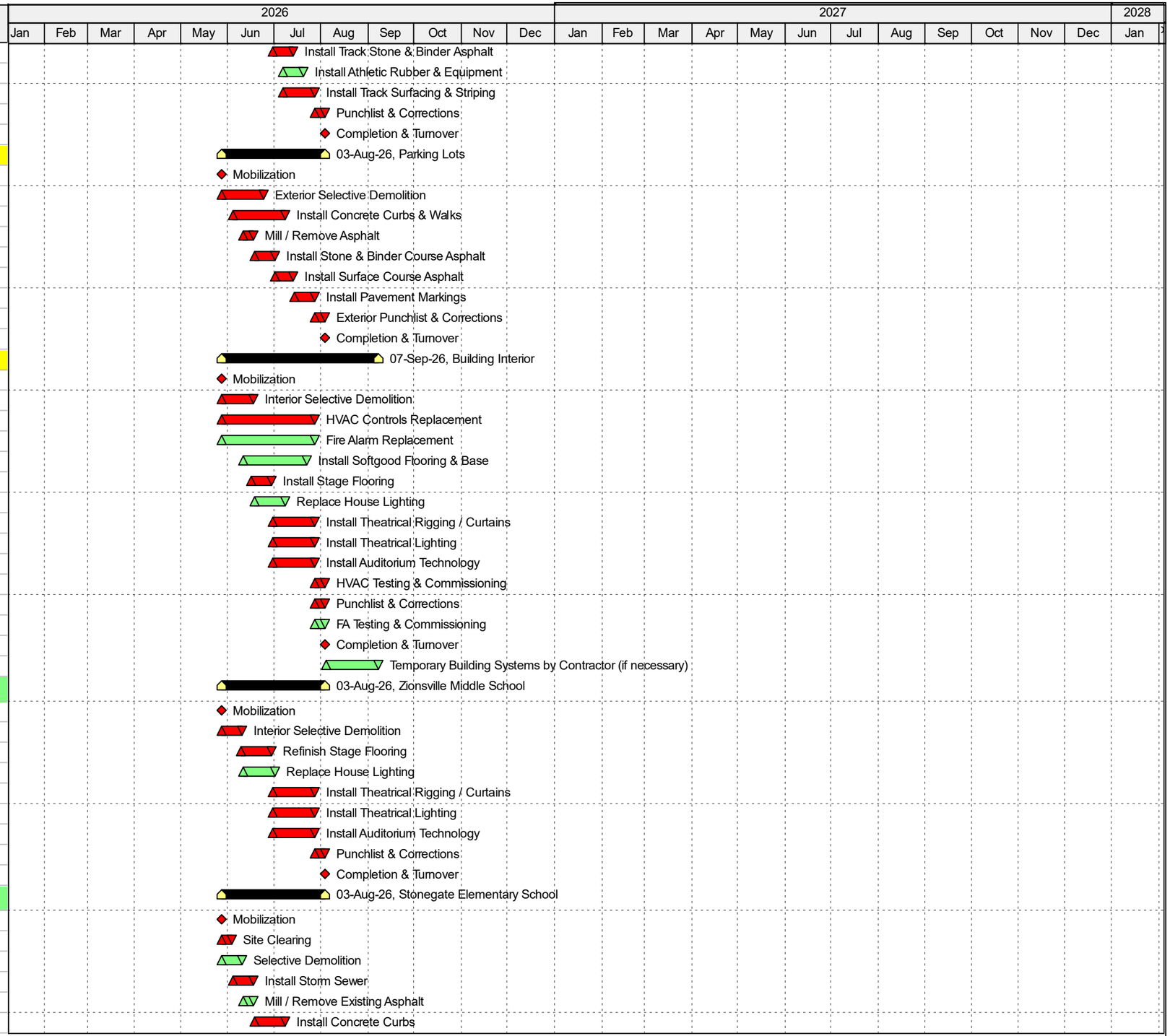


Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

ZCS 2026 District Wide Improvements

Guideline Schedule

Activity Name	Original Duration	Start	Finish
Install Track Stone & Binder Asphalt	10	30-Jun-26	13-Jul-26
Install Athletic Rubber & Equipment	10	07-Jul-26	20-Jul-26
Install Track Surfacing & Striping	15	07-Jul-26	27-Jul-26
Punchlist & Corrections	5	28-Jul-26	03-Aug-26
Completion & Turnover	0		03-Aug-26*
Parking Lots	48	28-May-26	03-Aug-26
Mobilization	0	28-May-26*	
Exterior Selective Demolition	20	28-May-26	24-Jun-26
Install Concrete Curbs & Walks	25	04-Jun-26	08-Jul-26
Mill / Remove Asphalt	5	11-Jun-26	17-Jun-26
Install Stone & Binder Course Asphalt	10	18-Jun-26	01-Jul-26
Install Surface Course Asphalt	8	02-Jul-26	13-Jul-26
Install Pavement Markings	10	14-Jul-26	27-Jul-26
Exterior Punchlist & Corrections	5	28-Jul-26	03-Aug-26
Completion & Turnover	0		03-Aug-26*
Building Interior	73	28-May-26	07-Sep-26
Mobilization	0	28-May-26*	
Interior Selective Demolition	15	28-May-26	17-Jun-26
HVAC Controls Replacement	43	28-May-26	27-Jul-26
Fire Alarm Replacement	43	28-May-26	27-Jul-26
Install Softgood Flooring & Base	30	11-Jun-26	22-Jul-26
Install Stage Flooring	10	16-Jun-26	29-Jun-26
Replace House Lighting	15	18-Jun-26	08-Jul-26
Install Theatrical Rigging / Curtains	20	30-Jun-26	27-Jul-26
Install Theatrical Lighting	20	30-Jun-26	27-Jul-26
Install Auditorium Technology	20	30-Jun-26	27-Jul-26
HVAC Testing & Commissioning	5	28-Jul-26	03-Aug-26
Punchlist & Corrections	5	28-Jul-26	03-Aug-26
FA Testing & Commissioning	5	28-Jul-26	03-Aug-26
Completion & Turnover	0		03-Aug-26*
Temporary Building Systems by Contractor (if necessary)	25	04-Aug-26	07-Sep-26
Zionsville Middle School	48	28-May-26	03-Aug-26
Mobilization	0	28-May-26*	
Interior Selective Demolition	10	28-May-26	10-Jun-26
Refinish Stage Flooring	15	09-Jun-26	29-Jun-26
Replace House Lighting	15	11-Jun-26	01-Jul-26
Install Theatrical Rigging / Curtains	20	30-Jun-26	27-Jul-26
Install Theatrical Lighting	20	30-Jun-26	27-Jul-26
Install Auditorium Technology	20	30-Jun-26	27-Jul-26
Punchlist & Corrections	5	28-Jul-26	03-Aug-26
Completion & Turnover	0		03-Aug-26*
Stonegate Elementary School	48	28-May-26	03-Aug-26
Mobilization	0	28-May-26*	
Site Clearing	5	28-May-26	03-Jun-26
Selective Demolition	10	28-May-26	10-Jun-26
Install Storm Sewer	10	04-Jun-26	17-Jun-26
Mill / Remove Existing Asphalt	5	11-Jun-26	17-Jun-26
Install Concrete Curbs	15	18-Jun-26	08-Jul-26

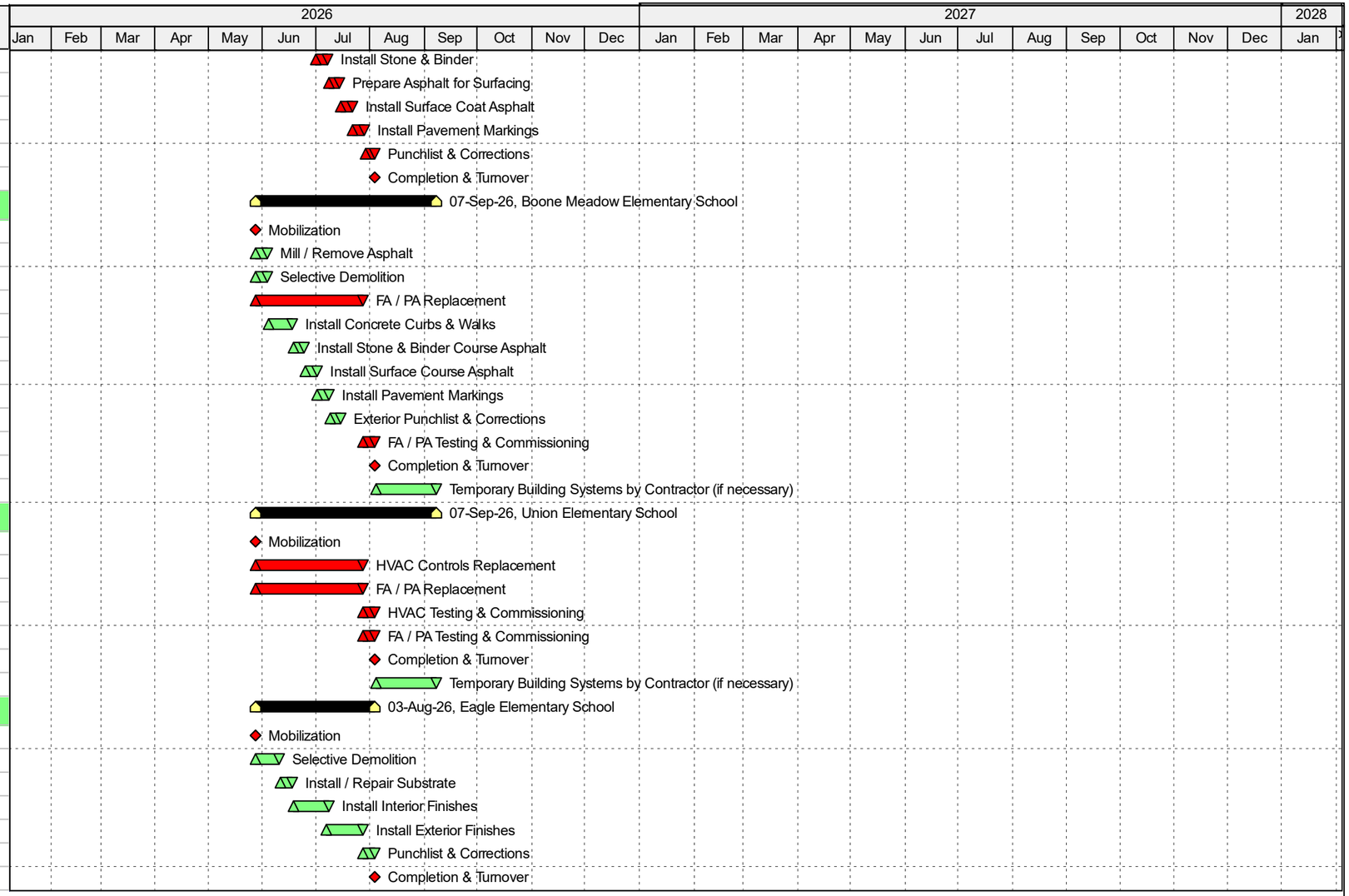


Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

ZCS 2026 District Wide Improvements

Guideline Schedule

Activity Name	Original Duration	Start	Finish
Install Stone & Binder	5	01-Jul-26	07-Jul-26
Prepare Asphalt for Surfacing	5	08-Jul-26	14-Jul-26
Install Surface Coat Asphalt	5	15-Jul-26	21-Jul-26
Install Pavement Markings	5	22-Jul-26	28-Jul-26
Punchlist & Corrections	4	29-Jul-26	03-Aug-26
Completion & Turnover	0		03-Aug-26*
Boone Meadow Elementary School	73	28-May-26	07-Sep-26
Mobilization	0	28-May-26*	
Mill / Remove Asphalt	5	28-May-26	03-Jun-26
Selective Demolition	5	28-May-26	03-Jun-26
FA / PA Replacement	43	28-May-26	27-Jul-26
Install Concrete Curbs & Walks	10	04-Jun-26	17-Jun-26
Install Stone & Binder Course Asphalt	5	18-Jun-26	24-Jun-26
Install Surface Course Asphalt	5	25-Jun-26	01-Jul-26
Install Pavement Markings	5	02-Jul-26	08-Jul-26
Exterior Punchlist & Corrections	5	09-Jul-26	15-Jul-26
FA / PA Testing & Commissioning	5	28-Jul-26	03-Aug-26
Completion & Turnover	0		03-Aug-26*
Temporary Building Systems by Contractor (if necessary)	25	04-Aug-26	07-Sep-26
Union Elementary School	73	28-May-26	07-Sep-26
Mobilization	0	28-May-26*	
HVAC Controls Replacement	43	28-May-26	27-Jul-26
FA / PA Replacement	43	28-May-26	27-Jul-26
HVAC Testing & Commissioning	5	28-Jul-26	03-Aug-26
FA / PA Testing & Commissioning	5	28-Jul-26	03-Aug-26
Completion & Turnover	0		03-Aug-26*
Temporary Building Systems by Contractor (if necessary)	25	04-Aug-26	07-Sep-26
Eagle Elementary School	48	28-May-26	03-Aug-26
Mobilization	0	28-May-26*	
Selective Demolition	10	28-May-26	10-Jun-26
Install / Repair Substrate	5	11-Jun-26	17-Jun-26
Install Interior Finishes	15	18-Jun-26	08-Jul-26
Install Exterior Finishes	15	07-Jul-26	27-Jul-26
Punchlist & Corrections	5	28-Jul-26	03-Aug-26
Completion & Turnover	0		03-Aug-26



Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

ZCS 2026 District Wide Improvements

Guideline Schedule

SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and General Provisions of the Prime Contract, including amended General Conditions and other Division 1 Specification Sections, apply to Work of this Section.

1.02 SUMMARY

A. The intent of this Section is to indicate the Work required by the Contractors and to provide information regarding the duties, responsibilities, and cooperation required by the Contractors, with similar requirements for the subcontractors and suppliers.

B. Owners right to maintain current operations

C. Occupancy requirements

D. Work by Owner

E. Permits, fees, and notices

F. Labor and materials

G. Verifications of existing dimensions

H. Project security

I. Coordination of work

J. Time of commencement and completion

K. Schedule of contract responsibilities

1.03 WORK UNDER SEPARATE CONTRACTS

A. Prime Contracts are defined to include the following contracts described in the Schedule of Contract Responsibilities included hereinafter; and each is recognized to be a major part of the project, with Work to be performed concurrently and in close coordination with Work of other Prime Contracts.

B. The "Contract Documents," as defined in the General Conditions, include "the Drawings." Although Drawings are grouped and identified by classification of the

Work, Contractors shall be responsible for their Work as specified herein and as indicated on the Drawings. Although the majority of the Drawings are "to scale," Contractors are directed to use indicated dimensions for determining material quantities and for other reasons. No additional monies will be allowed due to Contractors using "scaling instruments" to determine material quantities or for other reasons.

C. Separate prime contracts will be awarded as per the **"Schedule of Contract Responsibilities"** (see Part 3 – Execution). Contractors shall include Work required by the Specifications and Drawings for each contract area defined in the Schedule.

D. Work for the complete construction of the Project will be under multiple prime contracts with the Owner. The Construction Manager will manage the construction of the Project.

E. Each Contractor shall be responsible for demolition and disposal of existing items relative to his Contract.

1.04 ADMINISTRATIVE RESPONSIBILITIES OF PRIME CONTRACTORS AND CM

A. The Construction Manager shall be responsible for the maintenance of the Construction Schedule and management of every phase of the Work.
   1. Each Contractor shall read the Specifications and Drawings for other separate Contracts for fixed equipment and the like to be incorporated or attached or built into the Work; and familiarize himself with the requirements and responsibilities of other Contracts to enable the required coordination and supervision.
   2. Each Contractor shall also familiarize himself with other items to be incorporated into the Work including equipment and Work by the Owner.
   3. Each Contractor shall cooperate with the Construction Manager in notifying him when the Work is at a stage to require the services of other Contractors and shall notify the Construction Manager in the event that such other Contractors do not carry out their responsibilities in connection with such notification.

B. Contractors shall cooperate with and assist the Construction Manager in the preparation of construction progress and procedures, schedule of product deliveries, and their effect on the overall project progress and completion. Other Contractors shall cooperate in getting their Work and the Work of their subcontractors completed according to the schedule as prepared and maintained by the Construction Manager. Each Contractor shall immediately notify the Construction Manager of a delay in delivery of products or the scheduled date of completion that may affect the total progress of construction.

C. The Owner will furnish the topographical survey, either as a part of these Drawings or separately, giving the general topographical lines existing at the site and the property lines.

D. Contractors required to make connections to existing utilities, especially sewerage where gravity flow occurs, shall verify grades and locations at points of such connections and shall notify the Construction Manager of circumstances which would adversely affect the proper flow or connection to such facilities.

1.05 PRIME CONTRACTORS USE OF PREMISES

A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.

1. Owner Occupancy: Allow for Owner occupancy and use by the public.
2. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

C. The erection of signage other than what is specified in the contract documents is prohibited.

D. The use of drones on the property is restricted without prior written permission. Operators must be licensed and have insurance specific to the operation of aerial drones.

E. Photographs or other imagery of the work in progress or renderings of the project shall not include any personal identifiable information of the project, the property, the Owner, or any occupants.

1.06 OWNERS RIGHT TO MAINTAIN OPERATIONS

A. During the course of this Project, normal and customary functions and operations must be maintained. The Contract Documents are intended to define a strict separation between the school activities of students and staff from the activities of the construction project.

B. The Construction Manager, Architect, and Owner will not tolerate any visible or audible actions initiated or responded to by any employees of Contractors on this Project toward any students, teachers, or staff members at the school system. Violators shall be promptly removed from the site.

C. The Owner intends to instruct students, teachers, and staff to refrain from communications with Contractor's personnel working on this Project. All communication with Owner and staff shall be through the Construction Manager.

D. Contractors must expend their best effort toward protection of the health, safety, and welfare of occupants on the Owner's property during the course of Work on this Project.

1.07 OCCUPANCY REQUIREMENTS

A. Full Owner Occupancy: The Owner will occupy the site and existing building during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with the Owner's operations.

B. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building prior to Substantial Completion, provided such occupancy does not interfere with completion of the Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
   1. The Construction Manager will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner occupancy.
   2. Party which obtained general building permit shall obtain a Certificate of Occupancy from local building officials prior to Owner occupancy.
   3. Prior to partial Owner occupancy, mechanical and electrical systems shall be fully operational. Required inspections and tests shall have been successfully completed. Upon occupancy, the Owner will operate and maintain mechanical and electrical systems serving occupied portions of the building.
   4. Upon occupancy, the Owner will assume responsibility for maintenance and custodial service for occupied portions of the building.

1.08 WORK BY OWNER

A. The Owner intends to complete the following items of Work outside the provisions of these Contract Documents. Contractors shall not restrict or interfere with the Owner's right to the Project to accomplish this Work.
   1. Equipment and furniture except as scheduled and specified under Divisions 11 and 12 and shown on the Drawings.

2. Items which may be deleted from Contracts for Work as required by the Contract Documents.
3. Existing school maintenance work.
4. The purchase and supplying of certain materials as noted in the Project Manual.
5. The Owner, under separate contract, shall provide removal of identified asbestos containing materials from the existing structure. The asbestos report is available through the Construction Manager upon request.

1.09 PERMITS, FEES, AND NOTICES

A. The Construction Manager will secure the general building permit for the Owner. Each Contractor shall secure and pay for other permits, governmental fees, and licenses necessary for the proper execution and completion of his Work, which are applicable at the time the bids are also received. Fees to relocate utilities on Owner's property shall be included in the bid of the Contractor doing the relocation.
   1. State filing fees for plan approval are the responsibility of the Owner and will be paid by the Owner.

B. Utility Tie-Ins: Shall be arranged with local utility company and other involved parties for minimum interruption of service.

C. Shutdowns of existing systems shall be limited to minimum time required and scheduled with other involved parties. Provide 2 days written notice of shutdown to Construction Manager and Owner.

D. Inspections of installed work shall be performed by the governing authority as arranged for by the Contractor. Work shall not be covered until approved.

E. Each Contractor shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authorities bearing on the performance of his Work. If a Contractor observes that the Contract Documents are at variance therewith, he shall promptly notify the Construction Manager in writing, and necessary changes shall be adjusted by appropriate notification. If a Contractor performs Work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the Construction Manager, he shall assume full responsibility therefore and shall bear the costs attributable thereto.

1.10 LABOR AND MATERIALS

A. Unless otherwise specifically noted, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of his Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

B. Each Contractor shall enforce strict discipline and good order among his employees or other persons carrying out Work of his Contract and shall not permit employment of unfit person or persons or anyone not skilled in the task assigned to them.

C. Contractors and Subcontractors shall be subject to such rules and regulations for the conduct of the Work as the Owner may establish. Employees shall be properly and completely clothed while working. Bare torsos, legs and feet will not be allowed. Possession or consumption of alcoholic beverages or drugs, tobacco or other noxious behavior on the site is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

D. Contractors will conduct criminal background checks (extent of and/or service to be used will be established by the Owner) on every employee assigned to work on the Project and clear them through the National Sex Offender Registry prior to their assignment to Project. Contractors will require the same of sub-contractors.

E. ID Badges will be issued by The Skillman Corporation upon receipt of verification from the Contractor that the employee/subcontractor employee or independent contractor has a satisfactory record to work on the Project.

F. E-Verify Compliance: Pursuant to I.C. 22-5-1.7, Contractor shall enroll in and verify the work eligibility status of all newly hired employees of Contractor through the E-Verify Program (Program). Contractor is not required to verify the work eligibility status of all newly hired employees through the Program if the Program no longer exists. Also pursuant to I.C. 22-5-1.7, Contractor must execute an affidavit affirming that the Contractor does not knowingly employ an unauthorized alien and confirming Contractor's enrollment in the Program, unless the Program no longer exists, shall be filed with the Owner prior to the execution of this contract. This contract shall not be deemed fully executed until such affidavit is delivered to the Owner.

Contractor and its subcontractors shall not knowingly employ or contract with an unauthorized alien or retain an employee or contract with a person that contractor or its subcontractor subsequently learns is an unauthorized alien. If Contractor violates this provision the Owner shall require Contractor to remedy the violation not later than thirty (30) days after the Owner notifies Contractor. If Contractor fails to remedy the violation within the thirty (30) day period, the Owner shall terminate the contract for breach of contract. If Owner terminates the contract, Contractor shall be liable to the Owner for actual damages in addition to any other contractual remedies. There is a rebuttable presumption that Contractor did not knowingly employ an unauthorized alien if Contractor verified the work eligibility status of the employee through the Program.

Prior to performing any work, Contractor shall require each subcontractor to certify to Contractor that the subcontractor does not knowingly employ or

contract with an unauthorized alien and has enrolled in the Program. Contractor shall maintain on file a certification from each subcontractor throughout the duration of this contract or project which is the subject of this contract. If Contractor determines that a subcontractor is in violation of this provision, Contractor may terminate its contract with the subcontractor for such violation. In Accordance with I.C. 5-16-13 Contractor must provide the E-Verify Case Number of every employee that works on the project. This requirement includes the contractor's subs and suppliers to the fourth (4^{th}) tier.

G. The Owner is requiring that all contractors' personnel and their onsite employees and subcontractors submit to expanded history and child protection index check. Contractors shall enroll in the Safe Vendor Program through Safe Hiring Solutions www.safehiringsolutions.com. Enrollment in Safe Vendor will ensure contractors employees are vetted in accordance with I.C. 20-26-5-10 for expanded criminal history and expanded child protection index check. Contractor is responsible for the cost of enrollment and employee background check. All contractors' personnel and employees, once cleared for work will be issued a project identification badge that must be worn at all times while on site. All contractors/subcontractors employees shall provide name, address, picture state driver's license or picture identification card and/or Safe Vendor Card to The Skillman Corporation Site Manager upon request.

H. Pursuant to Indiana Code 5-16-13 Requirements for Contractors on Public Works Projects enacted by the Indiana Legislator requires, in addition to requirements already in effect, contractors to comply with the following:

1. Tier 1 –General/Prime Contractors to self-perform 15% of their total Contract.
2. Qualification thru the Department of Administration or INDOT requirement in accordance with IC 4-13.6-4.
    a. **Bids shall not be considered unless (1) the Prime Bidder and (2) all lower tiered subcontractors whose subcontract value is estimated to be $300,000 or more are qualified at the time of the bid in accordance with IC 4 – 13.6 – 4.**
3. Include 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 with Bid.
4. Minimum Insurance Requirements $1M/occurrence $2M/aggregate. However, check your bidding requirements as the Owners may have higher limit requirements.
5. Mandatory enrollment in E-Verify by all contractors down to the 4th Tier Sub Contracts and must provide the case verification number of all employees working on the project.

6. Prohibits contractors down to the 4th Tier Sub Contract from paying employees in cash.
7. Requirement to retain payroll records for 3 years
8. All contractors down to the 4th Tier Sub Contract must comply with Fair Labor Act, Indiana's Workers Compensation and Unemployment Compensation Insurance.
9. Mandatory Training Requirements based upon number of employees.
10. Failure to comply may result in debarment from public works projects for up to 4 years.

I. All contractors down to the 4th Tier Sub Contract must maintain general liability insurance in at least the following amounts: Each Occurrence Limit of $1,000,000 and General Aggregate Limit of $2,000,000. Other requirements and limits may apply see specification section 00 50 00 Schedule of Insurance Requirements.

1.11 CUTTING AND PATCHING

A. Refer to Section 01 73 29 – Cutting and Patching, for provisions on this subject.

1.12 VERIFICATIONS OF EXISTING DIMENSIONS

A. When verification of existing dimensions is required, the Contractor requiring said verification for the construction or fabrication of his material shall be the Contractor responsible for the procurement of the field information.

1.13 PROJECT SECURITY

A. Each Prime Contractor shall take all reasonable precautions to prevent injury, damage or loss to people and property in, on and adjacent to the project. This shall include not only their own work or property but that of other contractors and the Owner.

B. If deemed necessary by The Construction Manager a project wide security program may be developed for the purpose of preventing damage or loss at the project site or property adjacent thereto. Once accepted by the Owner, contractors shall comply.

1.14 SCHEDULE OF CONTRACT RESPONSIBILITIES - SCOPE

A. Contractors shall submit their proposals based on the work included under each contract area as listed herein. Include Work necessary for a complete project, as shown on the Drawings and called for in the Specifications.

B. Questions concerning the phasing or "Schedule of Contract Responsibilities" should be directed to the Construction Manager, who will be the interpreter and be

responsible for this Schedule of Contract Responsibilities and Contract Breakdown, prior to submitting proposals and during construction.

C. The requirements of Division 1 are a part of the Work of each and every contract area. The Contractor for any one contract area shall be familiar with the Work and requirements of all other contract areas.

D. Certain Specification Sections describe Work to be performed under several contract areas. (Example: 06 10 00 - Rough Carpentry.) Provide Work of this nature as required for each contract area whether or not enumerated in the Schedule of Contract Responsibilities.

E. The following contract areas are broken down by Specifications Section conforming basically to the CSI format.

F. The Drawings and Specifications as furnished for each of the Contracts is for the convenience of the Contractor in preparing a proposal for this Project. However, each Contractor is responsible to review the complete set of Drawings and Specifications to assure that Work required to be installed to complete his phase of the Work is included in his proposal. This "Schedule of Contract Responsibilities" is a definition of the work as it is to be bid in separate contracts. Where a specific item of Work is not defined, but is normally inherent to a trade, or is included in the scope of the applicable technical revision, it will be the responsibility of that Contractor to include the Work in his proposal.

G. This "Schedule of Contract Responsibilities" is to aid each Contractor in defining the Scope of Work to be included in his proposal. However, omissions from this "Schedule of Responsibilities" do not relieve the Contractor from including in his proposal that Work which will be required to complete his Contract. Each Contractor should read the "Schedule of Contract Responsibilities" completely to familiarize himself with the Work of other Contractors that may have Work in adjacent areas and to coordinate the interfacing problems that may occur as the work is assembled and constructed.

H. Where specific Work is to be completed under a particular phase of the Project and the Work is wholly or partially completed by other trades because of the type of work involved or jurisdictional trade agreements, the Contractor will be responsible to subcontract the Work as necessary to complete the Work included in his Contract. No delay in the Work will be allowed due to the failure of the Contractor to subcontract related work required by jurisdictional trade agreements.

1.15 COORDINATION OF WORK

A. Each Contractor is responsible to coordinate his Work with the Work of other trades and other Contractors and requirements of the school system. The Contractor must make space allowances for Work of other Contractors; provide necessary openings

where indicated or implied by the Drawings and Specifications. Each Contractor is responsible to protect his own Work.

1.16 TIME OF COMMENCEMENT AND COMPLETION

A. The Contractor shall commence work within ten (10) days after being notified in writing to proceed and shall complete the Work within the time limitations established in the Form of Agreement.
   1. It is anticipated that construction will start within **60** calendar days after receipt of bids.
   2. Construction shall be complete within **535** consecutive calendar days, or earlier, after Notice to Proceed.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.01 SCHEDULE OF CONTRACT RESPONSIBILITIES

3.02 GENERAL REQUIREMENTS

A. PROVIDED BY OWNER THROUGH THE CONSTRUCTION MANAGER

Section	01 32 00	Schedules and Reports
Section	01 45 10	Testing Laboratory Services
Section	01 59 10	Project Office
Section	01 71 50	Final Cleaning
Section	23 05 93	Testing, Adjusting, and Balancing for HVAC

B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE

Section	01 12 00	Multiple Contract Summary
Section	01 23 00	Alternates
Section	01 25 00	Contract Modification Procedures
Section	01 28 00	Schedule of Values
Section	01 29 00	Applications for Payment
Section	01 31 00	Project Meetings
Section	01 32 00	Schedules and Reports
Section	01 33 00	Submittal Procedures
Section	01 40 00	Quality Requirements
Section	01 45 10	Testing Laboratory Services (Paragraph 1.05)
Section	01 50 50	Temporary Facilities and Controls
Section	01 54 60	Environment Protection
Section	01 54 80	Utility Protection
Section	01 56 30	Water Control
Section	01 56 90	Housekeeping & Safety
Section	01 59 20	Offices and Sheds
Section	01 60 00	Product Requirements
Section	01 72 50	Work Layout

Section	01 73 10	Cutting and Patching
Section	01 77 00	Contract Closeout

All Contractors shall provide their Superintendents with radios capable of handling multiple channels and compatible with radios used by the Construction Manager.

Autodesk Build is replacing **PlanGrid**. **Autodesk Build** does not require users to purchase a license. **Contractors** will be invited to the project and required to use this tool. **Autodesk Build** will be used as the **Current Set** and **As-Built Record Drawings.** Additionally, it will be used to track **Issues** for **Safety**, **QA/QC**, **Non-Compliance Issues**, **Work Completion List** and **Punch List**.

C. PROVIDED BY DESIGNATED CONTRACTORS

Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 10	Fences (Temporary Security)
Section	01 53 20	Tree and Plant Protection
Section	01 53 30	Barricades
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 57 60	Project Signs
Section	01 72 00	Field Engineering

3.03 BID CATEGORIES

A. BID CATEGORY NO. 1 – ASPHALT PAVING (ALL BUILDINGS)

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	02 41 19	Selective Demolition
Section	31 20 00	Earth Moving
Section	32 12 16	Asphalt Paving
Section	32 13 13.01	Concrete Schedule
Section	32 17 13	Parking Bumpers
Section	32 17 23	Pavement Markings

Clarifications:

1. Contractor is responsible for any/all barricades, partitions, fencing signage, security measures, traffic control, etc. to perform the Scope of Work in a safe and efficient manner. Logistics are to be reviewed and approved by Construction Manager during Pre-Installation Meeting.
2. Contractor is responsible for asphalt pavement demolition or milling and proper disposal of these materials.
3. Contractor is responsible for all work outlined in asphalt profiles such as stone base, intermediate course asphalt, surface course asphalt, asphalt wedging, sealcoating, etc.
4. All concrete curb and walk noted is the responsibility of Bid Category No. 2 Contractor.
5. Contractor shall communicate any concerns regarding adjacent concrete work to the Construction Manager during the Pre-Award Meeting schedule to occur following bid opening.
6. Contractor shall include any/all removal and/or installation of parking bumpers and signage as noted in the Contract Documents.
7. Contractor is responsible for all pavement markings.
8. All asphalt parking lot work must be 100% complete by July 31, 2026 to allow school buildings to operate for Fall Semester.
9. Asphalt scope of Work noted at the track in Zionsville West Middle School Drawings is the responsibility of Bid Category No. 2. Reference Drawing Sheet ZW-G1.00 and other related documents.
10. Concrete curb or sidewalk demolition (and removal of spoils) is the responsibility of Bid Category No. 2 Contractor. (ADDED via Add. 02).
11. Earth clearing, excavation(s), grading and establishment of dirt subgrade for new asphalt is the responsibility of Bid Category No. 2 Contractor. Bid Category No. 1 Contractor shall verify dirt subgrade for accuracy prior to beginning asphalt work. (ADDED via Add. 02).
12. This Contractor is responsible for painting concrete curbs, as noted, as part of the pavement markings Work. (ADDED via Add. 02).

B. <u>BID CATEGORY NO. 2 – GENERAL TRADES (ALL BUILDINGS)</u>

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 10	Fences (Temporary Security)
Section	01 53 20	Tree and Plant Protection
Section	01 53 30	Barricades
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 57 60	Project Signs

Section	01 72 00	Field Engineering
Section	02 41 19	Selective Demolition
Section	03 06 30.01	Concrete Schedule
Section	03 30 00	Cast-in-Place Concrete
Section	04 20 00	Unit Masonry
Section	04 72 00	Cast Stone Masonry
Section	05 12 00	Structural Steel Framing
Section	05 31 00	Steel Decking
Section	05 40 00	Cold-Formed Metal Framing
Section	05 50 00	Metal Fabrications
Section	05 52 13	Column Covers
Section	05 58 13	Column Covers
Section	05 73 00	Decorative Metal Railings
Section	06 10 00	Rough Carpentry
Section	06 16 00	Sheathing
Section	06 20 23	Interior Finish Carpentry
Section	07 01 50.91	Roofing Restoration
Section	07 24 19	Water-Drainage Exterior Insulation and Finish System (EIFS)
Section	07 24 23	Direct Applied Exterior Finish System
Section	07 62 00	Sheet Metal Flashing and Trim
Section	07 71 00	Roof Specialties
Section	07 72 00	Roof Accessories
Section	07 84 13	Penetration Firestopping
Section	07 84 43	Joint Firestopping
Section	07 92 00	Joint Sealants
Section	07 92 19	Acoustical Joint Sealants
Section	08 11 13	Hollow Metal Doors and Frames
Section	08 14 16	Flush Wood Doors
Section	08 14 23	Plastic-Laminate-Faced Wood Doors
Section	08 31 13	Access Doors and Frames
Section	08 33 23	Overhead Coiling Doors
Section	08 41 13	Aluminum Framed Entrances and Storefronts
Section	08 71 00	Door Hardware
Section	08 81 13	Decorative Glass Glazing
Section	08 83 00	Mirrors
Section	09 01 61.91	Wood Flooring Restoration
Section	09 01 91	Moisture Resistant/Water-Proof Flooring Adhesive for Concrete Slabs
Section	09 05 16	Existing Substrate Preparation for Floor Finishes
Section	09 21 16	Gypsum Board Assemblies
Section	09 30 00	Tiling
Section	09 51 13	Acoustical Panel Ceilings
Section	09 64 01	Theater Stage Flooring
Section	09 65 13	Resilient Base and Accessories
Section	09 65 16	Resilient Sheet Flooring

Section	09 65 19	Resilient Tile Flooring
Section	09 65 43	Linoleum Flooring
Section	09 66 23	Resinous Matrix Terrazzo Flooring
Section	09 67 10.10	Fluid-Applied Epoxy Flooring
Section	09 67 23	Decorative Resinous Flooring (Aggregate)
Section	09 68 13	Tile Carpeting
Section	09 77 10	Framed Decorative Panel Systems
Section	09 84 01	Wood Acoustical Wall Treatment
Section	09 84 33	Sound-Absorbing Wall Units
Section	09 84 36	Sound-Absorbing Ceiling Units
Section	09 91 23.61	Interior Painting/Repainting
Section	09 93 00	Staining and Transparent Finishing
Section	09 96 00	High-Performance Coatings
Section	10 14 19	Dimensional Letters
Section	10 14 23.16	Interior Panel Signage
Section	10 21 13.19	Solid Polymer Toilet Compartments
Section	10 26 00	Wall and Door Protection
Section	10 28 00	Toilet, Bath, and Laundry Accessories
Section	11 52 13	Front Projection Screens
Section	11 61 00	Theatre and Stage Equipment (ADDED via Add. 01)
Section	11 61 10	Orchestra Pit Filler
Section	11 61 43	Stage Curtains
Section	12 31 00	Manufactured Metal Casework
Section	12 39 00	Site Improvements and Amenities (Added via Add 02)
Section	12 32 16	Manufactured Plastic Laminate-Faced (Educational) Casework
Section	12 48 26.01	Entrance Carpet Tile (ADDED via Add. 01)
Section	12 61 13	Upholstered Audience Seating
Section	31 10 00	Site Clearing
Section	31 20 00	Earth Moving
Section	31 23 19	Dewatering
Section	31 25 00	Erosion Control
Section	31 32 00	Geotextile
Section	31 50 00	Excavation Support and Protection
Section	32 12 16	Asphalt Paving
Section	32 13 13.	Concrete Paving
Section	32 13 13.01	Concrete Schedule
Section	32 13 73	Concrete Paving Joint Sealants
Section	32 18 24	Track Surface
Section	32 31 13	Fences and Gates
Section	32 31 21	Decorative Metal Gates
Section	32 91 13	Soil Preparation
Section	32 92 00	Turf and Grasses
Section	32 93 00	Plants
Section	33 05 00	Common Work Results for Utilities

Section	33 41 00	Storm Utility Drainage Piping
Section	33 46 00	Subdrainage
Section	41 22 23	Electric Trolley Hoists

Clarifications:

1. This Contractor is responsible for Work at all buildings throughout the district listed on the Drawing Index Sheet.
2. This Contractor is responsible for asphalt scope of Work noted at the track in Zionsville West Middle School Drawings. Reference Drawing Sheet ZW-G1.00 and other related documents. This is the only location where this Contractor is responsible for asphalt scope of work.
3. Contractor to include sweeping compound and 500-man hours for general building, site cleanup, or other work to be performed by a Skilled Laborer at the direction of Construction Manager.
4. Contractor is to include a 400-man-hour allowance for a Skilled Carpenter to be used at the discretion of the Construction Manager.
5. Contractor is to include a 320-man-hour allowance for a Skilled Drywall Finisher to be used at the discretion of the Construction Manager.
6. Contractor is to include a 320-man-hour allowance for a Skilled Painter to be used at the discretion of the Construction Manager.
7. Contractor is to include a 120-man-hour allowance for a Skilled Concrete Finisher to be used at the discretion of the Construction Manager.
8. Contractor to include 80 hours of additional floor preparation over above requirements noted in drawings and specifications.
9. The General Trades Contractor is responsible to provide the temporary laydown area, remove, and restore the site at the end of the project. Reference 01 53 10 – Fences for lineal footage of temporary construction to be utilized at the direction of the Construction Manager for laydown areas.
10. The General Trades Contractor is responsible to remove any dirt and mud that is tracked on roadways daily.
11. Provide and maintain all erosion control measures, including all inspections and documentation required by IDEM following rain events.
12. Provide temporary sanitary facilities for all Contractors for duration of project. Placement of sanitary facilities to be coordinated with Construction Manager.
13. Contractor is responsible to provide and maintain concrete washout for all concrete spoils.
14. Contractor is responsible for all access doors noted on Architectural Drawings. Any access doors required to support MEPF equipment access not noted on Architectural Drawings is the responsibility of MEPF Contractor installing the equipment.
15. The General Trades Contractor shall include all temporary partitions and dust control necessary to allow for total separation of each area from the occupied areas in the building(s) during construction operations.
16. The General Trades Contractor shall refer to Guideline Schedule and include in their bid all necessary cold weather procedures or admixtures as required to

meet the schedule (specifically reference concrete, masonry, insulated temporary enclosures).

17. The General Trades Contractor shall daylight (hydro-vacuum excavation) all existing utilities (private and public) to confirm depths, sizes, and locations, prior to starting or allowing any Contractor to start any excavation work. Other trades shall coordinate with the General Trades Contractor to confirm this work has been completed prior to excavation.
18. Equipment bases and pads shall be provided by the contractor installing the equipment, respectively.
19. Door hardware for all systems will be furnished and installed by the General Trades Contractor. Electrical Contractor shall provide final electrical connections, including but not limited to low voltage and power wiring, commissioning, or controls not integral to the hardware.
20. All final connections to equipment and furnishings (not integral to equipment), interior and exterior, shall be made by the Electrical, Mechanical, or Plumbing Contractors, as applicable. Coordinate with other trades, as necessary.
21. The General Trades Contractor shall coordinate with Utility Companies for services as it pertains to this contractor's scope of work, as necessary.
22. Contractor shall include any sleeves indicated per plans passing through their work.
23. Contractor is responsible to get familiarized with existing conditions of the site and review all new improvements indicated in the contract documents. Contractor shall include in their bid all demolition and structure moving as noted on the plans or as required to allow for installation of new improvements.
24. Unless noted otherwise, General Trades Contractor shall remove from site and properly dispose of all demolition debris and material.
25. General Trades Contractor is responsible to provide and maintain sufficient rubbish containers at each building(s) to support construction for all Contractors for the duration of the project.
26. All concrete curb and walk noted is the responsibility of this Contractor.
27. Theatrical rigging scope of work included within this Bid Category is outlined on the electrical drawing sheets for those respective buildings. Contractor shall be certain to reference these drawings along with all other Contract Documents.
28. General Trades Contractor shall provide material and labor for eight (8) knock down door frames, slabs and hardware to be installed in temporary wall partitions as requested by Construction Manager. Hardware shall be lockable.
29. All wall blocking is to be coordinated with MEP Contractors to ensure rough-in routing is maintained.
30. Opportunity exists for Contractor to walk the building(s) to familiarize themselves with the space during the bidding period from December 22, 2025 – January 2, 2026. Please contact the Skillman Corporation with inquiries (jbower@skillman.com & nholman@skillman.com).
31. The schedule intent is for Bid Category 03 Contractor to perform demolition, rough-in and preparatory work for both AHU's during Winter Break from December 21, 2026 – February 19, 2027. Additional crew sizes, weekend work

and overtime should be included in base bid for this time frame for associated work within this Bid Category. (ADDED via Add. 01)

32. The schedule intent is for Bid Category 03 Contractor to set both AHU's in place during Spring Break from March 26, 2027 – April 2, 2027. Additional crew sizes, weekend work and overtime should be included in base bid for this time frame for associated work within this Bid Category. (ADDED via Add. 01)
33. All Work at across the District, less Zionsville Community High School, must start May 29, 206 and complete by August 3, 2026. All systems must be fully functional to allow all buildings to operate normally for school. Work at Zionsville Community High School is not restricted to this same time line. (ADDED via Add. 01)
34. Overtime and weekend work required to accomplish dates noted in Clarification #33 must be included in base bid. (ADDED via Add. 01)
35. Contractor shall ensure that building systems and life safety are fully operational by August 4, 2026. This shall include any temporary means if permanent work is not complete. (ADDED via Add. 01)
36. Contractor shall include costs for labor and material for installation, maintenance and removal of the temporary systems noted in "ZCHS INTERIOR LOGISTICS PLAN." Reference specification section 00 20 01 – Information Available to Bidders. (ADDED via Add. 01)
37. Dedicated full-time on-site supervision is required for Work at Zionsville Community High School. This individual shall not be responsible for supervision at any other building as part of this Work. Supervision of Work at other buildings is the discretion of General Trades Contractor. Supervision shall be increased promptly (within 48-hours) if requested by Construction Manager due to lacking Contractual obligations such as daily reporting, two-week lookahead scheduling, trade coordination, daily cleaning, etc. (ADDED via Add. 02).
38. The General Trades Contractor is responsible for providing and maintaining a working "dancefloor" scaffold system to access elevated work at the ceiling in ZCHS Auditorium (Building Unit A) above the sloped floor. This scaffold system shall be used from demolition phases through ceiling finishes, estimated 9-month duration. Contractor shall include procurement, assembly, general maintenance and disassembly of scaffold system. (ADDED via Add. 02).
39. Each Prime Contractor is responsible for cutting and patching existing conditions required to perform their Work. Reference Cutting and Patching Specification Section. (ADDED via Add. 02).
40. BIM coordination is not mandatory on the project, however Shop Drawing or Field Use Drawings developed utilizing BIM Software may be shared with Construction Manager to assist overall project coordination. (ADDED via Add. 02).
41. The General Trades Contractor is responsible for procuring and installing the Gradus flooring transition strip(s) noted Contract Documents. The Electrical Contractor shall install and energize the lighting within the transition strip as

required. Both Contractors shall coordinate sequence of installation. (ADDED via Add. 02).

42. Plumbing & HVAC Contractor is responsible for demolition of plumbing and HVAC materials, fixtures and equipment noted on the Plumbing Demolition drawings. This is to include required cutting and patching of wall and floor materials to achieve the Work. It is encouraged to Coordinate concrete infill with the assigned General Trades Contractor (if desired). (ADDED via Add. 02).
43. Regarding concrete curb replacement, Contractor shall adhere to Drawing Keynotes for curb and walk replacement. The "blue hatching" is used to help identify locations, however the curbs are too narrow for the hatch to appear. Contractor shall utilize the Keynotes to identify curb work. (ADDED via Add. 02).
44. Regarding Keynote #7 on ZH-AD11A, MEP Contractor(s) shall remove/relocate the critical equipment or materials to support the MEP work. General Trades Contractor shall then demolish the wall as noted. (ADDED via Add. 02).
45. Regarding Demolition Keynotes, existing wall-hung Owner materials (mirrors, artwork, graphics, etc.) will be removed by Owner in advance of demolition activity. (ADDED via Add. 02).
46. Asphalt demolition or milling (and removal of spoils) is the responsibility of Bid Category No. 1 Contractor. (ADDED via Add. 02).
47. Concrete curb or sidewalk demolition (and removal of spoils) is the responsibility of this Contractor. (ADDED via Add. 02).
48. Earth clearing, excavation(s), grading and establishment of dirt subgrade for new asphalt is the responsibility of this Contractor. Bid Category No. 1 Contractor shall verify dirt subgrade for accuracy prior to beginning asphalt work. (ADDED via Add. 02).
49. Bid Category No. 1 Contractor is responsible for painting concrete curbs, as noted, as part of the pavement markings Work. (ADDED via Add. 02).
50. This Contractor is responsible for standing traffic signage (not pavement markings). (ADDED via Add. 02).
51. Erosion Control and SWPPP shall be bid based on project specific erosion control drawings. (ADDED via Add. 02).
52. This Contractor is responsible for installation of Owner-Furnished soap dispensers, paper towel dispensers and toilet dispensers. Plan for (2) of each within each of the restroom space as part of the project. (ADDED via Add. 02).
53. For work related to Theatrical Equipment and Stage Curtains, Contractor must review the Electrical Series Drawing(s) for the three applicable buildings. The Theatrical Equipment and Stage Curtain schedule(s) are listed on these drawing sheets. Reference Drawings ZH-E-402, ZM-E-601 and ZW-E-601. (ADDED via Add. 02).
54. Contractor shall reference 01 53 10 - Fences, as this section includes information regarding lineal footage of temporary fence to be included in the project. (ADDED via Add. 02).

C. BID CATEGORY NO. 3 – PLUMBING & HVAC (ZCHS ONLY)

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water
Section	21 05 00	Common Work Results for Fire Suppression
Section	21 10 00	Water-Based Fire Suppression Systems
Section	22 00 02	Work in Existing Buildings
Section	22 05 00	Common Work Results for Plumbing
Section	22 05 01	Basic Plumbing Materials and Methods
Section	22 05 19	Meters and Gages for Plumbing Piping
Section	22 05 23	General-Duty Valves for Plumbing Piping
Section	22 05 29	Hangers and Supports for Plumbing Piping and Equipment
Section	22 05 53	Identification for Plumbing Piping and Equipment
Section	22 07 00	Plumbing Insulation
Section	22 11 16	Domestic Water Piping
Section	22 11 19	Domestic Water Piping Specialties
Section	22 13 16	Sanitary, Waste, and Vent Piping System
Section	22 14 13	Facility Storm Drainage Piping
Section	22 40 00	Plumbing Fixtures
Section	22 47 00	Drinking Fountains and Water Coolers
Section	22 66 13	Facility Natural Gas Piping
Section	23 01 30	HVAC Air Duct Cleaning
Section	23 05 00	Common Work Results for HVAC
Section	23 05 13	Common Motor Requirements for HVAC Equipment
Section	23 05 29	Hangers and Supports for HVAC Piping and Equipment
Section	23 05 48	Vibration Controls for HVAC Piping and Equipment
Section	23 05 53	Identification for HVAC Piping and Equipment
Section	23 07 00	HVAC Insulation
Section	23 09 00	HVAC Direct Digital Controls
Section	23 09 93	HVAC Sequence of Operation
Section	23 21 13	Hydronic Piping
Section	23 31 13	Metal Ducts
Section	23 33 00	Air Duct Accessories
Section	23 34 23	HVAC Power Ventilators
Section	23 36 00	Air Terminal Units
Section	23 37 13	Diffusers, Registers, and Grilles
Section	23 37 23	HVAC Gravity Ventilators
Section	23 74 13	Packaged, Outdoor, Central-Station Air-Handling Units

Clarifications:

1. This Contractor is responsible for Work at Zionsville Community High School only.
2. Equipment bases and pads shall be provided by the contractor installing the equipment, respectively.
3. All wall blocking is to be coordinated with MEP Contractors to ensure rough-in routing is maintained.
4. Contractor is responsible for roof curbs for equipment within their scope of work.
5. Critical long-lead equipment items are to have all submittals and shop drawings submitted for review within two weeks of Notice to Proceed. Equipment includes, but not limited to: Water Heaters, Hydronic Pumps, Water Softeners, AHU's, etc.
6. Electrical Contractor is responsible for all in-wall rough-in locations for temperature control. Low voltage wiring for temperature control is by the HVAC Contractor.
7. Contractor is responsible for providing exact locations of required sleeves to Contractor responsible for footing, foundation, or wall construction.
8. General Trades Contractor is responsible for access panels depicted on Architectural Drawings. Access panels required to support MEPF equipment access not noted on Architectural Drawings is the responsibility of MEPF Contractor installing the equipment.
9. Opportunity exists for Contractor to walk the building(s) to familiarize themselves with the space during the bidding period from December 22, 2025 – January 2, 2026. Please contact the Skillman Corporation with inquiries (jbower@skillman.com & nholman@skillman.com).
10. The schedule intent is for Contractor to perform demolition, rough-in and preparatory work for both AHU's during Winter Break from December 21, 2026 – February 19, 2027. Additional crew sizes, weekend work and overtime should be included in base bid for this time frame. (ADDED via Add. 01)
11. The schedule intent is for Contractor to set both AHU's in place during Spring Break from March 26, 2027 – April 2, 2027. Additional crew sizes, weekend work and overtime should be included in base bid for this time frame. (ADDED via Add. 01)
12. Specification Section 23 05 93 – Testing, Adjusting, and Balancing for HVAC is assigned to be provided by Owner (ADDED via Add. 01)
13. Each Prime Contractor is responsible for cutting and patching existing conditions required to perform their Work. Reference Cutting and Patching Specification Section. (ADDED via Add. 02).
14. BIM coordination is not mandatory on the project, however Shop Drawing or Field Use Drawings developed utilizing BIM Software may be shared with Construction Manager to assist overall project coordination. (ADDED via Add. 02).
15. Plumbing & HVAC Contractor is responsible for demolition of plumbing and HVAC materials, fixtures and equipment noted on the Plumbing Demolition drawings. This is to include required cutting and patching of wall and floor materials to achieve the Work. It is encouraged to Coordinate concrete infill

with the assigned General Trades Contractor (if desired). (ADDED via Add. 02).

16. Contractor is responsible for removing and installing all control valves at Zionsville Community High School, per 23 09 00 – HVAC Direct Digital Controls. (ADDED via Add. 02).
17. Regarding Keynote #7 on ZH-AD11A, MEP Contractor(s) shall remove/relocate the critical equipment or materials to support the MEP work. General Trades Contractor shall then demolish the wall as noted. (ADDED via Add. 02).
18. In conjunction with Clarification #4, Contractor is responsible for new roof openings and roof curb support as noted on ZH-S202. This work is to occur in timely manner with equipment delivery and installation to limit exposure to outside conditions (ADDED via Add. 02).

D. BID CATEGORY NO. 4 – ELECTRICAL & TECHNOLOGY (ZCHS, ZWMS & ZMS)

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	26 00 05	Electrical Demolition
Section	26 00 50	General Electrical Requirements
Section	26 05 05	Electrical Testing
Section	26 05 19	Low-Voltage Electrical Power Conductors and Cables
Section	26 05 26	Grounding and Bonding for Electrical Systems
Section	26 05 29	Hangers and Supports for Electrical Systems
Section	26 05 33	Conduit and Boxes for Electrical Systems
Section	26 05 35	Surface Raceways for Electrical Systems
Section	26 05 43	Underground Ducts and Raceways for Electrical Systems
Section	26 05 53	Identification for Electrical Systems
Section	26 09 23	Lighting Control Devices
Section	26 09 61	Theatrical Controls
Section	26 24 16	Panelboards
Section	26 27 26	Wiring Devices
Section	26 28 13	Fuses
Section	26 28 16	Enclosed Switches and Circuit Breakers
Section	26 29 13	Enclosed Controllers
Section	26 51 00	Interior Lighting
Section	26 55 61	Theatrical Lighting
Section	27 01 00	Operation and Maintenance of Communications Systems
Section	27 01 11	Demonstration, Training and Warranty of Communications Systems

Section	27 05 00	Common Work Results for Communications
Section	27 05 26	Grounding and Bonding for Communications Systems
Section	27 05 28	Pathways for Communications Systems
Section	27 05 53	Identification for Communications Systems
Section	27 11 00	Communications Equipment Room Fittings
Section	27 11 13	Communications Entrance Protection
Section	27 13 23	Communications Fiber Optical Backbone Cabling
Section	27 15 11	Conductors and Cables for Intercom, Public Address and Mass Notification Systems
Section	27 15 17	Communications Copper Horizontal Cabling (Augmented Cat 6A)
Section	27 41 12	Communications Audio-Video Mounts
Section	27 51 16.00	Public Address and Mass Notification System – ZHS Auditorium
Section	27 51 16.01	Public Address and Mass Notification Systems – ZHS Stadium
Section	27 51 16.02	Public Address and Mass Notification Systems – ZHS BB-SB Fields
Section	27 51 16.03	Public Address and Mass Notification Systems ZHS Pool Area
Section	27 51 16.04	Public Address and Mass Notification Systems – ZM-ZW Auditorium
Section	27 51 23.00	Intercommunications and Program Systems – ZHS Auditorium
Section	28 31 11	Digital, Addressable Fire-Alarm System

Clarifications:

1. This Contractor is responsible for Work at Zionsville Community High School, Zionsville West Middle School & Zionsville Middle School.
2. Equipment bases and pads shall be provided by the contractor installing the equipment, respectively.
3. Door hardware for all systems will be furnished and installed by the General Trades Contractor. Electrical Contractor shall provide final electrical connections, including but not limited to low voltage and power wiring, commissioning, or controls not integral to the hardware.
4. Electrical Contractor shall review architectural door schedule and door hardware specification for comments, remarks or notes that may identify the need of power or data at door openings. Not every electrical requirement may appear on electrical or technology discipline drawings. Electrical Contractor shall include the necessary labor and materials to install all Work noted for each opening.
5. All wall blocking is to be coordinated with MEP Contractors to ensure rough-in routing is maintained.
6. Contractor is responsible for roof curbs for equipment within their scope of work.

7. Critical long-lead equipment items are to have all submittals and shop drawings submitted for review within two weeks of Notice to Proceed. Equipment includes, but not limited to: Lighting, Switchgear, Panelboards, etc.
8. Contractor is responsible for all in-wall rough-in locations for temperature control. Low voltage wiring for temperature control is by the HVAC Contractor.
9. Contractor is responsible for final connection of all hard-wired equipment and furnishings, either Contractor or Owner provided.
10. Contractor is responsible for providing exact locations of required sleeves to Contractor responsible for footing, foundation, or wall construction.
11. General Trades Contractor is responsible for access panels depicted on Architectural Drawings. Access panels required to support MEPF equipment access not noted on Architectural Drawings is the responsibility of MEPF Contractor installing the equipment.
12. Opportunity exists for Contractor to walk the building(s) to familiarize themselves with the space during the bidding period from December 22, 2025 – January 2, 2026. Please contact the Skillman Corporation with inquiries (jbower@skillman.com & nholman@skillman.com).
13. The schedule intent is for Bid Category 03 Contractor to perform demolition, rough-in and preparatory work for both AHU's during Winter Break from December 21, 2026 – February 19, 2027. Additional crew sizes, weekend work and overtime should be included in base bid for this time frame for associated work within this Bid Category. (ADDED via Add. 01)
14. The schedule intent is for Bid Category 03 Contractor to set both AHU's in place during Spring Break from March 26, 2027 – April 2, 2027. Additional crew sizes, weekend work and overtime should be included in base bid for this time frame for associated work within this Bid Category. (ADDED via Add. 01)
15. All Work at Zionsville Middle School and Zionsville West Middle School must start May 29, 206 and complete by August 3, 2026. All systems must be fully functional to allow all buildings to operate normally for school. Work at Zionsville Community High School is not restricted to this same timeline. (ADDED via Add. 01)
16. Overtime and weekend work required to accomplish dates noted in Clarification #15 must be included in base bid. (ADDED via Add. 01)
17. Contractor shall include labor and materials for installation and removal of ten (10) temporary exit lights to be utilized at temporary doorways per the direction of the Construction Manager. (ADDED via Add. 01)
18. Each Prime Contractor is responsible for cutting and patching existing conditions required to perform their Work. Reference Cutting and Patching Specification Section. (ADDED via Add. 02).
19. It is understood that "house lighting" that is being replaced in the existing ZCHS Performance Arts Center (PAC) can be done from ground level without need of specialty lifts or scaffold systems. The existing light(s) and support structures can be lowered to ground level for access.

20. BIM coordination is not mandatory on the project, however Shop Drawing or Field Use Drawings developed utilizing BIM Software may be shared with Construction Manager to assist overall project coordination. (ADDED via Add. 02).
21. Dedicated full-time on-site supervision is required for Work at Zionsville Community High School. This individual shall not be responsible for supervision at any other building as part of this Work. Supervision of Work at other buildings is the discretion of General Trades Contractor. Supervision shall be increased promptly (within 48-hours) if requested by Construction Manager due to lacking Contractual obligations such as daily reporting, two-week lookahead scheduling, trade coordination, daily cleaning, etc. (ADDED via Add. 02).
22. The General Trades Contractor is responsible for procuring and installing the Gradus flooring transition strip(s) noted Contract Documents. The Electrical Contractor shall install and energize the lighting within the transition strip as required. Both Contractors shall coordinate sequence of installation. (ADDED via Add. 02).
23. At Zionsville Community High School Auditorium, the theatrical lighting has a quantity of (12) floor pockets in the stage while AV/Technology has (2) floor pockets. Reference Drawing Sheets ZH-E-401 and ZH-T11A. (ADDED via Add. 02).
24. Regarding Keynote #7 on ZH-AD11A, MEP Contractor(s) shall remove/relocate the critical equipment or materials to support the MEP work. General Trades Contractor shall then demolish the wall as noted. (ADDED via Add. 02).
25. Contractor shall review revised 01 21 00 – Allowances section. Product Allowances for light fixtures were added to this Bid Category. Fixture SC-1 = $30,000 and Fixture SC-2 = $28,000. These are to be included in Base Bid Amount. (ADDED via Add. 02).

E. <u>BID CATEGORY NO. 5 – HVAC CONTROLS (ZWMS & UNION)</u>

General requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	07 84 13	Penetration Firestopping
Section	07 84 43	Joint Firestopping
Section	07 92 00	Joint Sealants
Section	07 92 19	Acoustical Joint Sealants
Section	23 09 00.1	HVAC Direct Digital Controls
Section	23 09 93.1	HVAC Sequence of Operation

<u>Clarifications:</u>

1. This Contractor is responsible for Work at Zionsville West Middle School & Union Elementary School.
2. Spring Semester 2026 concludes on May 28, 2026, and Fall Semester 2026 begins August 4, 2026. The goal is for all Contract work to complete to be complete within this timeframe. Contractor shall plan for necessary overtime and weekend work.
3. In the case that all work cannot be accomplished within the dates noted above, the Contractor shall prioritize crucial learning areas such as classrooms and media center followed by administrative space. Any work that extends beyond August 4, 2026, must be completed on second shift and weekends when school is not in session. Premium labor costs are the responsibility of the Contractor.
4. Contractor shall ensure that building systems are fully operational by August 4, 2026. This shall include any temporary means if permanent work is not complete.
5. If a combination bid is awarded, Contractor is responsible to supply adequate supervision and manpower at each building.
6. Opportunity exists for Contractor to walk the building(s) to familiarize themselves with the space during the bidding period from December 22, 2025 – January 2, 2026. Please contact the Skillman Corporation with inquiries (jbower@skillman.com & nholman@skillman.com).
7. Each Prime Contractor is responsible for cutting and patching existing conditions required to perform their Work. Reference Cutting and Patching Specification Section. (ADDED via Add. 02).
8. Contractor is responsible for removing and installing all control valves at ZWMS and Union Elementary, per 23 09 00.1 – HVAC Direct Digital Controls. (ADDED via Add. 02).

F. <u>BID CATEGORY NO. 6 – PUBLIC ADDRESS & FIRE ALARM (BME & SGE)</u>

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	07 84 13	Penetration Firestopping
Section	07 84 43	Joint Firestopping
Section	07 92 00	Joint Sealants
Section	07 92 19	Acoustical Joint Sealants
Section	27 15 11	Conductors and Cables for Public Address and Mass Notification System
Section	27 51 23.01	Intercommunications and Program Systems Elementary Schools Section
Section	28 31 11	Digital, Addressable Fire-Alarm System

<u>Clarifications:</u>

1. This Contractor is responsible for Boone Meadow Elementary School & Stonegate Elementary School.
2. Contractor to include 120-man hours as Electrician Man-Hour Allowance to be used at the direction of the Construction Manager. Any unused man-hours

will be converted to a monetary value and credited to Owner at the end of the Project.

3. Contractor to include painting of wall surface adjacent to new devices (both PA & FA Devices) if new device profile is smaller than existing. Paint color to match existing.
4. All Work must start May 29, 206 and complete by July 24, 2026. This allows for six (6) business days to test and commission the systems prior to the first student day scheduled for August 4, 2026. All systems must be fully functional to allow all buildings to operate normally for school.
5. Overtime and weekend work required to accomplish the above listed dates must be included in base bid.
9. Contractor shall ensure that building systems are fully operational by August 4, 2026. This shall include any temporary means if permanent work is not complete.
10. Contractor is responsible for sealing all penetrations generated by their Work.
11. If a combination bid is awarded, Contractor is responsible to supply adequate supervision and manpower at each building.
12. Opportunity exists for Contractor to walk the building(s) to familiarize themselves with the space during the bidding period from December 22, 2025 – January 2, 2026. Please contact the Skillman Corporation with inquiries (jbower@skillman.com & nholman@skillman.com).
13. In addition to Clarification #7, the Contractor is responsible for costs associated with fire watch for building occupancy if Work is incomplete on August 4, 2026. School occupancy will not be delayed. (ADDED via Add. 01)
14. Each Prime Contractor is responsible for cutting and patching existing conditions required to perform their Work. Reference Cutting and Patching Specification Section. (ADDED via Add. 02).
15. Fire Alarm is to be tested for complete functionality prior to Fall Semester in August 2026. This shall include specialty equipment such as kitchen equipment, elevator(s), etc. (ADDED via Add. 02).

G. <u>BID CATEGORY NO. 7 – PUBLIC ADDRESS & FIRE ALARM (UNION & ZWMS)</u>

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	07 84 13	Penetration Firestopping
Section	07 84 43	Joint Firestopping
Section	07 92 00	Joint Sealants
Section	07 92 19	Acoustical Joint Sealants
Section	27 15 11	Conductors and Cables for Public Address and Mass Notification System
Section	27 51 23.01	Intercommunications and Program Systems Elementary Schools Section
Section	28 31 11	Digital, Addressable Fire-Alarm System

<u>Clarifications:</u>

1. Contractor is responsible for Union Elementary School & Zionsville West Middle School.
2. Contractor to include 120-man hours as Electrician Man-Hour Allowance to be used at the direction of the Construction Manager. Any unused man-hours will be converted to a monetary value and credited to Owner at the end of the Project.
3. Contractor to include painting of wall surface adjacent to new devices if new device profile is smaller than existing. Paint color to match existing.
4. All Work must start May 29, 206 and complete by July 24, 2026. This allows for six (6) business days to test and commission the systems prior to the first student day scheduled for August 4, 2026. All systems must be fully functional to allow all buildings to operate normally for school.
5. Overtime and weekend work required to accomplish the above listed dates must be included in base bid.
6. Contractor is responsible for sealing all penetrations generated by their Work.
7. Contractor shall ensure that building systems are fully operational by August 4, 2026. This shall include any temporary means if permanent work is not complete.
8. If a combination bid is awarded, Contractor is responsible to supply adequate supervision and manpower at each building.
9. Opportunity exists for Contractor to walk the building(s) to familiarize themselves with the space during the bidding period from December 22, 2025 – January 2, 2026. Please contact the Skillman Corporation with inquiries (jbower@skillman.com & nholman@skillman.com).
10. In addition to Clarification #7, the Contractor is responsible for costs associated with fire watch for building occupancy if Work is incomplete on August 4, 2026. School occupancy will not be delayed. (ADDED via Add. 01)
11. Each Prime Contractor is responsible for cutting and patching existing conditions required to perform their Work. Reference Cutting and Patching Specification Section. (ADDED via Add. 02).
12. Fire Alarm is to be tested for complete functionality prior to Fall Semester in August 2026. This shall include specialty equipment such as kitchen equipment, elevator(s), etc. (ADDED via Add. 02).

END OF SECTION 01 12 00

SECTION 01 21 00 – ALLOWANCES

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 REQUIREMENTS INCLUDED

A. The Specifications contain Allowances for particular items, methods of construction, quantities of materials, labor for certain items and these stated Allowances shall be included in the total lump sum bid price.
   1. Should the final amounts as determined from actual costs vary from these stated Allowances, the Contract price will be adjusted by Change Order as stated in the Conditions of the Contract.
   2. Under no circumstances shall work exceeding the stated Allowance amounts, proceed without a properly executed Change Order.

B. A "Schedule of Allowances" showing amounts included in each prime Contract Sum, is included at the end of this Section.

C. Product/Materials Allowance: At the earliest feasible date after award of Contract, advise the Architect and Construction Manager of scheduled date when final selection and purchase of each product or system described by each Allowance must be accomplished in order to avoid delays in performance of the Work.
   1. As requested by the Architect, obtain and submit proposals for the work of each Allowance for use in making final selection; include recommendations for selection which are relevant to the proper performance of the Work.
   2. Purchase products and systems as specifically selected (in writing) by the Architect.
   3. Submit proposals and recommendations, for purchase of products or systems of Allowances, in form specified for Change Orders.
   4. When requested, submit a substantiated survey of quantities of materials, as shown in the "Schedule of Values", revised where necessary, and corresponding with Change Order quantities.
   5. Amount of Allowance includes:
      a. Net cost of product
      b. Delivery to the site
      c. Applicable taxes
   6. In addition to amount of Allowance, include in Bid, for inclusion in Contract Sum, Contractor's costs for:
      a. Handling at site, including unloading, uncrating and storage
      b. Protection from elements, from damage

c. Labor, installation and finishing
d. Other expenses (e.g., testing, adjusting and balancing) required to complete installation
e. Overhead and profit

D. Contingency Allowance: Contingency allowance shall be used only as directed for Owner's purposes. Proposal shall be submitted by Contractor for work requested in format similar to that required for Change Orders. Compensation to the Contractor for work requested utilizing this Allowance shall be for only Contractor's costs as defined by Paragraph 7.3.7 of the General Conditions, except no compensation shall be allowed for overhead and profit. At time of Project closeout, unused amounts remaining in contingency allowance shall be credited to Owner by Change Order.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.01 PRODUCT ALLOWANCE

A.	Bid Category #04 – Light Fixture SC-1	$30,000
B.	Bid Category #04 – Light Fixture SC-2	$28,000

3.02 CONTINGENCY ALLOWANCES

Allow a lump sum additional work required but not indicated on Drawings or reasonably anticipated.

A.	Bid Category No. 01 ASPHALT PAVING (ALL BUILDINGS)	$150,000
B.	Bid Category No. 02 GENERAL TRADES (ALL BUILDINGS)	$300,000
C.	Bid Category No. 03 PLUMBING & HVAC (ZCHS ONLY)	$150,000
D.	Bid Category No. 04 ELECTRICAL & TECHNOLOGY (ZCHS, ZWMS & ZMS)	$150,000
E.	Bid Category No. 05 HVAC CONTROLS (ZWMS & UNION)	$50,000
F.	Bid Category No. 06 PUBLIC ADDRESS & FIRE ALARM (BME & SGE)	$50,000
G.	Bid Category No. 07 PUBLIC ADDRESS & FIRE ALARM (UNION & ZWMS)	$50,000

END OF SECTION 01 21 00

SECTION 12 93 00 - SITE IMPROVEMENTS AND AMENITIES

PART 1 GENERAL

1.01 RELATED DOCUMENTS

A. The provisions of the General Conditions, Supplementary Conditions, and the Sections included under Division 1, General Requirements, are included as a part of this Section as though bound herein.

1.02 SUMMARY

A. Section Includes: Site improvements and amenities, including the following.
   1. Flagpole, ground set
   2. Traffic control signage
   3. Exterior barrier posts

B. Related Sections:
   1. Section 31 2000 – Earth Moving: For excavation for installation of concrete footings.
   2. Section 033000 – Cast-in-Place Concrete: For building identification signage foundation and other footings and miscellaneous concrete required.
   3. Section 099114 – Paints.

1.03 SYSTEM DESCRIPTION

A. Accessibility Requirements: Provide site improvements to conform to the Americans with Disabilities Act Accessibility Guidelines (ADAAG) and State and Local Regulations. These requirements supersede Technical Specifications in this Section.

B. Structural Performance:
   1. Provide flagpole assemblies, including anchorages and supports, capable of withstanding the affects of wind loads, determined according to NAAMM FP 1001, “Guide Specifications for Design of Metal Flagpoles”.
      a. Base flagpole design or polyester flags of maximum size suitable for use with flagpole or flag size indicated, whichever is more stringent.
      b. Basic Wind Speed: 90 mph minimum; 3-second gust speed at 33 feet aboveground, unless otherwise noted as a greater wind speed.

1.04 SUBMITTALS

A. Shop Drawings: For items included in this Section. Include types of materials, construction details, sizes and layout, and complete information on hardware and accessories.
   1. Exterior traffic control signage drawings shall be to scale.
   2. Include message list, with details of wording and lettering layout, at least half-size. Include full-size details of graphics.
   3. Include details of foundation system.

B. Samples for Initial Selection: For each painted item, submit manufacturer’s standard color chart.

C. Quality Assurance/Control Submittals
   1. Product Data: Submit manufacturer’s current product literature for each manufactured product specified herein.
   2. Structural Calculations: For flagpoles indicated to comply with design loads, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

D. Closeout Submittals
   1. Maintenance Data: For site and street furnishings and directions to include in

maintenance manuals.

1.05 QUALITY ASSURANCE

A. Preliminary Coordination Conference: As soon as possible after award of site improvement work, meet with Installer, and installers of substrate construction, and other related work including penetrating work, Architect and Owner.
   1. Review requirements (Contract Documents), submittals, status of coordinating work, availability of materials, and installation facilities and establish preliminary installation schedule. Review requirements for inspections, tests, certifications, forecasted weather conditions, governing regulations, and proposed installation procedures.

1.06 DELIVERY, STORAGE, AND HANDLING

A. General: Spiral-wrap flagpoles with heavy paper and enclosed in a hard fiber tube or other protective container.
   1. Pending installation, store flagpoles in area protected from weather, moisture, and damage, as recommended by pole manufacturer.

B. Deliver signs in protective covering and crating to protect sign components and surfaces against damage.

1.07 SEQUENCING

A. Coordinate installation of anchorage. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and such items with integral anchors that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Where a model number is used on the Drawings, it refers to the manufacturer and product listed which is specified as the type, size, function, and quality required for this Project.

B. The Architect will consider for acceptance products of other manufacturers provided they equal or exceed the material requirements and functional qualities of the specified product. The “Substitution Request Form” and complete technical data for evaluation must accompany requests for A/E’s approval. All materials for evaluation must be received by the Project Manager and Specification Department at least 10 days prior to bid due date. Additional approved manufacturers will be issued by Addendum.

2.02 FLAGPOLE

A. Manufacturers: Subject to compliance with requirements, provide one of the following:
   1. Baartol Co., Lexington Kentucky
   2. Morgan-Francis Flagpoles and Accessories, Muncie Indiana
   3. Pole-Tech Flagpole Manufacturer, East Setauket, New York.
   4. Ewing International Corp., Buffalo, New York.
   5. American Flagpole; Abingdon, Virginia.
   6. Eder Flag Manufacturing Co., Inc., Oak Creek, Wisconsin.
   7. Interstate Pole Industries, Carpinteria, California.

B. Exposed Height: 30 feet, unless otherwise noted.

C. Aluminum Flagpoles: Provide cone-tapered flagpoles fabricated from seamless extruded tubing complying with ASTM B 241, Alloy 6063, with a minimum wall thickness of 3/16 inch. Heat treat after fabrication to comply with ASTM B 597, Temper T6.

D. Foundation Tube: Galvanized corrugated-steel foundation tube, 0.064-inch minimum nominal wall thickness. Provide with 1/4 inch steel bottom plate and support plate; 3/4-inch diameter, steel ground spike; and steel centering wedges all welded together. Galvanize steel parts, including foundation tube, after assembly. Provide loose hardware wedges at top of foundation tube for plumbing pole.
1. Provide flashing collar of same material and finish as flagpole.
2. Overall length of embedded ground-set poles to provide setting depth of not less than 10 percent of exposed length.

E. Fittings
1. Finial Ball: Manufacturer's standard flush-seam ball, sized as indicated or, if not indicated, to match flagpole-butt diameter.
a. Finish: To match pole, unless otherwise noted.

F. External Halyard: Ball-bearing, nonfouling, revolving truck assembly of cast metal with continuous 5/16 inch diameter, braided polypropylene halyard and 9 inch cast-metal cleats with fasteners. Finish exposed metal surfaces to match flagpole.
b. Provide one halyard and one cleat at each flagpole.
c. Provide cast-metal cleat covers, finished to match flagpole, secured with cylinder locks.
d. Provide halyard covers consisting of a 2 inch channel, 60 inches long, finished to match flagpole.

F. Finishes
1. Metal Finishes, General: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
2. Aluminum: Finish designations prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.
a. Class I, Color Anodic Finish: AA-M12C22A42/A44 (Mechanical Finish: Nonspecular as fabricated; Chemical Finish: Etched, medium matte; Anodic Coating: Architectural Class I, integrally colored or electrolytically deposited color coating 0.018 mm or thicker) complying with AAMA 611.
1) Color: As selected by Architect from manufacturer's full range.

2.03 TRAFFIC CONTROL SIGNAGE

A. Sign material shall consist of 18-gauge bonderized steel or .063-inch aluminum and .080-inch aluminum for stop, yield, and do not enter signs. Signs shall have white baked enamel surface and screen print copy, symbols and border. Corners shall have 1-inch radius.
1. U-channel posts in galvanized steel, 10'-0" length, using standard mounting hardware of galvanized steel carriage bolts.

B. Exterior Traffic Control Signage: Refer to Drawings.

C. Exterior "Accessible Parking" Signs: Refer to Drawings.

D. Stop Signs: Refer to Drawings.

2.04 EXTERIOR BARRIER POSTS

A. Provide standard weight 8 inch diameter steel pipe with hot dip 2.0 ounces per square foot galvanized coating after having been cut to lengths as indicated. Ground mount each post in 18 inch cylinder of air entrained 6 bag mix concrete and afterwards entirely fill with same concrete, neatly rounding top to drain water. See Drawings for detail and locations.

2.09 FABRICATION

A. Metal Components: Form to required shapes and sizes with true, consistent curves, lines, and angles. Separate metals from dissimilar materials to prevent electrolytic action.

B. Welded Connections: Weld connections continuously. Weld solid members with full-length, full-penetration welds and hollow members with full-circumference welds. At exposed connections, finish surfaces smooth and blended so no roughness or unevenness shows after finishing and welded surface matches contours of adjoining surfaces.

C. Pipes and Tubes: Form simple and compound curves by bending members in jigs to produce uniform curvature for each repetitive configuration required; maintain cylindrical cross section of member throughout entire bend without buckling, twisting, cracking, or otherwise deforming exposed surfaces of handrail and railing components.

D. Steel and Iron Components: Galvanized, galvanized and color coated, or color coated (plastisol). Bare metal steel or iron components are not permitted.

E. Exposed Surfaces: Polished, sanded, or otherwise finished; smooth all surfaces, free from burrs, barbs, splinters, and sharpness; all edges and ends rolled, rounded, or capped.

F. Factory Assembly: Assemble components in the factory to the greatest extent possible to minimize field assembly. Clearly mark units for assembly in the field.

2.05 FINISHES, GENERAL

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved samples and are assembled or installed to minimize contrast.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions, with Installer present, for compliance with requirements for correct and level finished grade, mounting surfaces, installation tolerances, and other conditions affecting performance.

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

3.02 INSTALLATION, GENERAL

A. Comply with manufacturer's written installation instructions, unless more stringent requirements are indicated. Complete field assembly of site and street furnishings, where required.

B. Unless otherwise indicated, install site and street furnishings after landscaping and paving have been completed.

C. Install site and street furnishings level, plumb, true, and securely anchored at locations indicated on Drawings.

D. Post Setting: Set cast-in support posts in concrete footing with smooth top, shaped to shed water. Protect portion of posts above footing from concrete splatter. Verify that posts are set plumb or at correct angle and are aligned and at correct height and spacing. Hold posts in position during placement and finishing operations until concrete is sufficiently cured.

E. Posts Set into Voids in Concrete: Form or core-drill holes for installing posts in concrete to depth recommended in writing by manufacturer of site and street furnishings and 3/4 inch

larger than OD of post. Clean holes of loose material, insert posts, and fill annular space between post and concrete with anchoring cement mixed and placed to comply with anchoring material manufacturer's written instructions, with top smoothed and shaped to shed water.

F. Pipe Sleeves: Use steel pipe sleeves preset and anchored into concrete for installing posts. After posts have been inserted into sleeves, fill annular space between post and sleeve with anchoring cement, mixed and placed to comply with anchoring material manufacturer's written instructions, with top smoothed and shaped to shed water.

3.03 INSTALLATION

A. Flagpole Installation
   1. Preparation
      a. Prepare uncoated metal flagpoles that are set in foundation tubes by painting below-grade portions with a heavy coat of bituminous paint.
      b. Foundation Excavation: Excavate to neat clean lines in undisturbed soil. Remove loose soil and foreign matter from excavation and moisten earth before placing concrete.
      c. Provide forms where required due to unstable soil conditions and for perimeter of flagpole base at grade. Secure and brace forms and foundation tube, sleeve, or anchor bolts in position, to prevent displacement during concreting.
      d. Place concrete immediately after mixing. Compact concrete in place by using vibrators. Moist-cure exposed concrete for not less than seven days or use nonstaining clear curing compound.
      e. Trowel exposed concrete surfaces to a smooth, dense finish, free of trowel marks, and uniform in texture and appearance. Provide positive slope for water runoff to perimeter of concrete base.
   2. Installation: Install flagpoles where shown and according to Shop Drawings and manufacturer's written instructions.
      a. Foundation-Tube Installation: Install flagpole tube, seated on bottom plate between steel centering wedges. Plumb flagpole and install hardwood wedges to secure flagpole in place. Place and compact sand in foundation tube and remove hardwood wedges. Seal top of foundation tube with a 2-inch layer of elastomeric joint sealant and cover with flashing collar.
         1) Provide proper lighting ground for each flagpole, if required.

B. Exterior accessible parking signs, stop signs, traffic control signage, and building identification signs to be installed in strict accordance with Drawings.
   1. Excavation: In firm, undisturbed or compacted soil, drill or (using a post-hole digger) hand-excavate holes for each post to minimum diameter recommended by sign manufacturer, but at least four times the largest post cross-section.
      a. Excavate hole depths minimum 39 inches below finished grade.
   2. Setting Posts: Center and align posts in holes 3 inches above bottom of excavation.
      a. Protect portion of posts above ground from concrete splatter. Place concrete and vibrate or tamp for consolidation. Check posts for alignment and hold in position until concrete has achieved its initial set.
   3. Install signs level, plumb, and at height indicated, with surfaces free from distortion or other defects in appearance.

C. Install accessible parking signs and traffic control signage in accordance with manufacturer's recommendations and as indicated.

D. Installing Exterior Barrier Posts
   1. Anchor exterior barrier posts with one of the following methods or as indicated:
      a. Anchor exterior barrier posts in concrete in formed or core-drilled holes not less than 8 inches deep and 3/4 inch greater than OD of bollard. After bollards have been inserted into holes, fill annular space surrounding bollard solidly with nonshrink, nonmetallic grout, mixed and placed to comply with

grout manufactured written instructions. Slope grout up approximately 1/8 inch toward bollard.

2. Fill exterior barrier post solidly with concrete, mounding top surface.

3.04 CLEANING

A. After completing site and street furnishing installation, inspect components. Remove spots, dirt, and debris. Repair damaged finishes to match original finish or replace component.

END OF SECTION 12 93 00

SECTION 27 51 23.01 - INTERCOMMUNICATIONS AND PROGRAM SYSTEMS

ZCS ELEMENTARY REPLACEMENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. This Section includes but not limited to the following for replacing the existing Dukane paging headend with new Care Hawk CH1000X Life Safety Communication System headend equipment at 3 schools (Boone Meadow Elementary, Stonegate Elementary, and Union Elementary) while reusing the existing program sources, speakers and wiring:
   1. Cabinet
   2. Program sources
   3. Amplifiers
   4. Main Administration Display Phone
   5. Microphone
   6. Ceiling Speakers
   7. Surface Speakers
   8. Horn Speakers, indoor/outdoor
   9. Call-in switches
   10. Volume control
   11. Speaker with Call-in
   12. Miscellaneous item

B. Related Section includes the following:
   1. Division 01, All Sections
   2. Division 26, Electrical
   3. Division 27, Communications Sections.
   4. Division 28, Electronic Safety and Security

C. The system can connect to the Public Switched Telephone Network (PSTN) or VoIP Phone switch via SIP trunks.

D. Ability to connect the system to LAN/WAN access for district-wide functionality and remote programming and management and remote location of administrative displays and consoles.

E. The contractor shall be responsible for providing a complete functional system including all necessary components whether included in this specification or not.

1.3 SUBMITTALS

A. Shop Drawings: Signed and sealed by a qualified professional engineer.
   1. Specification sheets on all items including cable types and connections.
   2. Equipment Details: Detail equipment assemblies and indicate dimensions, weights, required clearances, method of field assembly, components, and location of each field connection.
   3. Station-Arrangement Details: Scaled drawings for built-in equipment.
   4. Shop drawings that detail the integrated electronic communications network system including, but not limited to, the following:

a. System Layout.
b. Port wiring arrangement.
c. Cabling diagram showing cable routing.

d. Equipment locations

B. Quality Control/Assurance Submittals:
1. Product Data: For each item specified:
2. Coordination Drawings: Reflected ceiling plans, drawn to scale, on which the following items are shown and coordinated with each other, based on input from installers of the items involved:

a. Ceiling-mounted items including lighting fixtures, diffusers, grilles, speakers, sprinklers, access panels, and special moldings.

b. Dimensioned Outline Drawings of Equipment Unit: Identify center of gravity and locate and describe mounting and anchorage provisions.
c. Detailed description of equipment anchorage devices on which the certification is based and their installation requirements.
3. Calculations: For sizing battery backup.
4. Qualification Data: For Installer.
5. Field quality-control test reports.
6. See Section 270500 for more information.

C. Closeout Submittals:
1. Operation and Maintenance Data: For school intercom and program equipment to include in emergency, operation, and maintenance manuals. In addition to items specified in Division 01 Section "Operation and Maintenance Data," include the following:

a. Record of final matching transformer-tap settings and signal ground-resistance measurement certified by Installer.
b. Programming Charts:

1) Remote station programming chart.
2) Event time schedule programming chart.
3) Tone programming chart.
4) External input programming chart.
5) External output programming chart. 6) Zone planning chart.

c. User and service access codes.
d. Numbered Certificate of Completion for installation, programming, and service training identifying the installing technician(s) as having successfully competed the technical training course(s) provided by the manufacturer.

D. See front end submittals section for more information.

E. See Common Work Results for Communications Section 270500 for more submittal requirements.

1.4 QUALITY ASSURANCE

A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of Care Hawk Safety Communication units required for this Project.
1. Maintenance Proximity: Not more than 2 hours' normal travel time from Installer's place of business to Project site.
2. Cable installer must have on staff a Registered Communication Distribution Designer (RCDD) certified by Building Industry Consulting Service International.

3. Installation shall be by personnel certified by the National Institute for Certification in Engineering Technologies as audio systems Level III technician.

B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

C. Comply with NFPA 70 – National Electrical Code.

D. Comply with UL 50.

E. TIA/EIA-607 Telecommunications grounding.

F. Latest edition of BISCI – TDMM – manual

G. Americans with Disabilities Act (ADA)

H. Federal Communications Commission, Part 15

I. Sound System Engineering (Davis and Patronics) 3rd Edition 2006.

J. Audio System Design and Installation (Giddings) 1990.

K. NICET – Certified Audio Technician Level I

L. NSCA – Certified Systems Installer, C-SI

M. InfoComm International – Certified Technology Specialist, CTS.

N. Provide labeling per ANSI/EIA/TIA-606 requirement and in accordance with the Owner and Technology Consultant.

1.5 WARRANTY

A. The intercommunications and paging program system shall carry a warranty as specified in Section "Demonstration and Training of Communications Systems".

1.6 TRAINING

A. Provide training per Section "Demonstration and Training of Communications Systems".

1.7 RECORD DRAWINGS/OPERATION AND MAINTENANCE MANUALS

A. Provide record drawings and operation and maintenance manuals as described in Sections "Operation and Maintenance of Communications" and "Common Works Results for Communication Systems".

1.8 COORDINATION

A. Coordinate changeover of old Dukane paging system with the new CareHawk paging system to accommodate the schools' normal hours and schedule with no down time or loss of communications. Any troubleshooting of ceiling-mounted speaker, microphones, volume controls or any other existing devices or wiring shall not disrupt school sessions.

1.9 PROGRAMMING

A. The contractor shall schedule a programming meeting with the owner through the

CM/Architect/Engineers after award of bids, to review the requirement of the Intercommunications programming for zones, bell changes etc.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Approved system manufacturer:
   1. CareHawk CH1000X (Central Controller Wall Mount Cabinet)
   2. No Other Approved Manufacturers

2.2 **COMPONENTS AND DESCRIPTIONS**

A. The CH1000X intercom and paging system must support the existing 25V speakers and wire as well as a distributed cable infrastructure. Systems shall not be deemed acceptable if they do not allow the reuse of existing speakers and wiring or are not backwards compatible.

B. System wiring, and equipment installation shall be in accordance with good engineering practices as established by the EIA and the NEC/CSA. Wiring shall meet all state and local electrical codes. All wiring shall test free from all grounds and shorts.

C. All communication system wiring shall be labeled at both ends of the cable. All labeling shall be based on the room numbers as indicated in the architectural graphics package.

D. CH1000X

1. The CH1000X system shall support a minimum of 8 networked cabinets with a maximum of 2048 classrooms with speaker and call switch networked.

2. The system shall facilitate the playing of pre-recorded audio files repetitively until stopped by the CH1000X Spotlight User and Administrative Display Phone Admin7, or a dry contact closure.

3. A built-in Master Clock with battery backup shall be included to automatically control class change or other signals. The Master Program Clock shall have unlimited events that may be programmed into any of the unlimited time schedules. The schedules shall be calendar based and allow for programming years in advance. Systems that rely on an external master clock shall not be considered equivalent.

4. Network Time Synchronization. The system shall be capable of periodic update/synchronization of the processor’s time with a Network Time Server running NTP via the school’s LAN network. Systems that do not provide Network Time Synchronization will not be deemed equivalent.

5. Real time Clock. The system shall be capable of keeping time consistently without being connected to a server running NTP.

E. CH1000X Settings & Calendar

1. The CH1000X uses a PC-based programming tool. Systems that do not use Ethernet communications for programing are not deemed equal. Systems that do not separate event and scheduling management functions into a separate tool from programming shall not be deemed equal.

2. Only Facilities Technicians shall have access to Settings.

3. Users shall have access to web-based Calendar management with all the scheduling functions.

F. Administrative Display Phone

1. Administrative Display Phones shall be CareHawk Model Admin7. The administrative telephone display LCD touchscreen shows the time of day and date, and the room numbers and call-in priority of Classroom stations where users have pressed a button. Two arrow keys are used to scroll the display and to answer normal and emergency calls. The LCD display shall turn red on any emergency call. Administrative phones can use display menus to activate zone pages, alarm signals, and external functions; select program sources; and distribute or cancel a program to any or all speakers or zones.

2. Administrative Display Phones shall be able to dial and have the option of dialing either the loudspeaker or phone at each room location. The system shall automatically switch from phone-to-intercom communication to phone-to-phone communication when the STEL or STELVP-1 classroom phone on the receiving end of the call is lifted.

2.03 SYSTEM PARAMETERS

A. The communication system shall be a CareHawk CH1000X and shall provide a comprehensive communication network between administrative areas and Classroom locations throughout the facility. Non-volatile removable memory shall store the programming and operating system. A system that uses a battery to maintain system configuration information shall not be acceptable.

B. The system shall contain no moving parts. Systems that contain moving parts including cooling fans shall not be deemed equal.

C. The system shall provide no less than the following features and functions:

1. Telephonic communication (complete with DTMF signaling, dial tone, ringing and busy signals, and data display).

2. Amplified voice communication with loudspeakers shall use CAT 3, CAT 5(e), or CAT 6 cable. A system that requires shielded wire shall not be acceptable.

3. System amplifiers shall be Class D only.

4. The system shall be capable of using two wire conductors for connection from the system hardware to a speaker and call button referred from herein as a 2-wire circuit. It shall be possible to mix 2-wire and standard 4-wire circuits on the same switching/line card. Systems that cannot mix 2-wire and 4-wire circuits on the same switching/line card shall not be considered. Systems that require more than two conductors or require shielded cable shall not be considered.

5. The system shall be available in the following configurations:

a. CH1000X is Wall/Rack mountable in a custom enclosure. Port capacity for connected cabinets shall be up to 2048 classroom ports and 64 Admin phone connections.

6. The system must be able to provide 16 amplified intercom paths per facility. Amplified-voice intercom channels shall provide voice-activated switching. Systems requiring the use of a push-to-talk switch on administrative telephones shall not be acceptable. There shall be an automatic level control for return speech during amplified voice communications. The intercom amplifier shall also provide control over the switch sensitivity and delay times of the VOX circuitry.

7. It is of highest importance that emergency calls from classrooms receive prompt attention. Therefore, it is important that there be an alternate destination in case the emergency call does not get answered at the primary location. To this end:

a. Classroom-generated Emergency calls shall be treated as the highest system priority. Therefore, all Emergency calls shall annunciate at the top of the call queue of their respective Administrative Display Phone. Should that emergency call go unanswered for the programmed number of seconds, the call is re-routed to all Administrative Display Phones/Administrative Displays. Administrative Display Phones shall ring the distinctive Emergency ring.
b. Classroom generated Emergency calls shall also display on the floor plan of Spotlight Software and be able to be answered on the software without requiring an admin phone for voice connection

c. Should the original Administrative Display Phone be engaged in a non-emergency conversation, its conversation shall be indicated with an alert tone.

d. Systems failing to escalate unanswered Emergency calls to all the Administrative Display Phone and Spotlight Software shall not be deemed as equal.

8. There shall be a System-Wide Facility Emergency All-Call feature. The Emergency All-Call shall be accessed from Administrative Phones, Spotlight software, connected external phone or by the activation of an external contact closure that shall give the third-party audio program input emergency status. The Emergency All-Call function shall have the highest system priority and shall override all other loudspeaker-related functions including Time Tones, Normal All-Call or Zone Pages, or Audio Distribution.

   a. Emergencies calls are to be treated with the highest level of concern. Systems that do not treat Emergency-All-Call page from an administrative console with the highest priority shall not be deemed as equal.

   b. When a user presses the “Emergency Page” button on the ADMIN7, an emergency page will commence. In this way, the user shall not be required to memorize complicated key sequences to access emergency functions.

   c. The Emergency All-Call shall capture complete system priority and shall be transmitted over all speakers in the facility. It shall also activate an external relay, which can be used to automatically override volume controls and other sound systems.

   d. Systems without Emergency All-Call or systems with All-Call that cannot be activated by external means or that do not capture complete system priority or activate an external relay shall not be acceptable.

9. There shall be at least 100 user tone slots available for pre-recorded tones/announcements. Any number of these can be dedicated to Emergency Alarm Tones. Each may be accessed by dialing the appropriate number from the designated Administrative Display Phone, via Calendar software, Spotlight software, by a dedicated panic button, via Assistant PC based admin console, or via any authorized PBX/Cell phone. Systems using external alarm generators or having less than 100 pre-recorded tones/announcements shall not be acceptable.

10. There shall be six (6) general purpose inputs available at the central cabinet. CH1000X software shall be used to configure system inputs. It shall be possible to configure an input to trigger a tone, an output, a time sync, a program source, and/or start a lockdown condition. Systems that do not support inputs shall not be deemed equal.

11. There shall be five (4) open collector outputs and two (2) solid state relays for clock correction that are configured from CH1000X software. It shall be possible to toggle an output via an Administrative Display Console by dialing a code. These outputs remain set until toggled later. Systems that require the user to remember complicated dialing schemes or that prompt the user via cryptic commands shall not be deemed equal.

a. The system shall be capable of being programmed for security contact relays for use with magnetic locks, motion detectors, cameras, or any low-voltage, dry contact creating device. Systems using security stations for control of external functions shall not be acceptable.

12. The system shall support up to 8 program source interfaces.

13. The system shall provide for field-programmable three-, four-, five-, or six-digit alphanumeric architectural room numbers.

14. There shall be an automatic level control for return speech during amplified voice communications.

15. Each room loudspeaker shall be assignable to any single, any combination, or all zones per facility. Systems with less than 99 multi-purpose zones shall not be acceptable.

16. There shall be unlimited Time-Signaling Schedules with unlimited user-programmed events per facility. Each event shall sound one of the user-selected tones or external audio. It shall be possible to assign each schedule to a day in an unlimited calendar or to manually change schedules from an authorized CH1000XCalendar software via the web browser, or Spotlight software. Systems that do not provide unlimited time-signaling schedules or a choice of 100-time tones plus external audio shall not be acceptable.

17. An internal program clock (with battery backup) shall be included, allowing for unlimited user-programmed events per facility. It shall be possible to synchronize the internal program clock with an external master clock or an internet time-based time server. Systems that do not provide an internal program clock and/or cannot synchronize with an external master clock or to a time server are not equal.

    a. Each event shall be able to be directed to any one of the 99 multi-purpose time-signaling zones.

    b. Each event shall sound one of 100 user-selected tones or external audio. Each event may use a different custom tone to send to specific zones/speakers such as the gymnasium, shop classes, and pool. Minutes later, the entire facility can receive the same time tone to indicate class change.

    c. Each of the 100 Distinct Time Tone Signals may be manually activated by selected Administrative Display Phones or by Spotlight software.

        1. Upon the user picking up the receiver and presses "Tones" menu, a menu willappear on the display prompting the user to enter the tone number. In this way, the user shall not be required to memorize complicated key sequences to access manual time-tone functions.

        2. Systems that do not provide unlimited time signaling schedules or do not provide automatic activation of schedules shall not be acceptable.

    d. There shall be automatic muting of the loudspeaker in the area where a page is originating.

    e. There shall be a pre-announce tone signal at any loudspeaker selected for voice paging.

18. There shall be a voice-intercom feature that is accessible by all Administrative Display Phones.

    a. There shall be a privacy tone every 15 seconds to signal that any loudspeaker selected for amplified voice intercom is in progress.

b. There shall be a pre-announce tone signal at any loudspeaker selected for voice-intercom communication.

c. Privacy and pre-announce tone signals shall be capable of being disabled during system initialization.

19. There shall be telephonic features, which are accessible by all Administrative Display Phones.

a. There shall be an audible ring signal announcing that a call has been placed to that phone.

b. When the user picks up the receiver and dials a # (pound) followed by a room number the system shall connect the caller to the loudspeaker in the room. There should be no confusion as to type of conversation whether speaker/intercom or telephonic to be established.

20. Each Classroom call station shall be programmable for two of the following call-in types, based on switch model, as follows:
    - Normal
    - Emergency
    - Check-in

a. Classroom phones will place an emergency call when the handset is knocked off hook for a programable number of seconds. Systems which require additional switches and/or conductors to initiate an emergency call, shall not be acceptable.

b. Emergency Calls-ins Classroom Call Switch Stations shall jump to the top of the call-in queue and alert the Administrative Display Phone via a distinctive ring and the LCD flashing red. If the Administrative display phone is busy the user shall be alerted via the earpiece. Systems which interrupt calls shall not be acceptable.

c. Normal calls shall be logged into queue for the designated Administrative Display Phones.

d. Each queue shall first be sorted by call priority (emergency calls, and then normal calls). Calls are sorted within each priority level on a first-in, first-out basis. When a call is answered, it shall automatically be removed from the queue. Systems that do not sort calls according to priority and order received shall not be acceptable. The display shall simultaneously show up to four Classroom Call Switch Station Calls pending. Additional calls shall be indicated and made viewable by scrolling the display.

e. It shall be possible to answer any incoming call simply by picking up the handset while it is ringing. It shall not be necessary to hit any buttons to answer a call unless the call has dropped into the queue.

21. Administrative Display Phones shall be equipped with a touchscreen display panel.
    a. The console shall clearly distinguish between normal and emergency call-ins
    b. The console shall use a priority-based call-in display queue, where critical call-ins are placed at the top of the call queue.
    c. The console shall allow the user to select call-ins out of queue order.
    d. The console shall display active critical alert badges such as Lockdown.
    e. The console shall facilitate quick access to color-coded emergency tones and alerts, including Lockdown and All Clear.
    f. The console shall facilitate two-way intercom calls, phone-to-phone calls, paging to zones, tones to zones, and music distribution to zones.
    g. The console shall display its IP address and other system information and connectivity status.
    h. The console shall include a minimum display size of 7” with a color touch-screen display.
    i. The console shall not require the use of phone codes for the operation of daily or emergency communications.

j. The console shall have a private handset and a handsfree speaker for communication.

22. System shall support hard wired panic button in multiple non-classroom locations as desired.
    a. Each Panic button allows user to start 3 different emergency responses.
    b. Panic button shall not require local power.

23. System Message Displays shall be supported in classrooms and all common areas, including double sided models for hallways.
    a. Message Displays shall indicate date and time when idle.
    b. Messages Displays shall display emergency name and instructions when an emergency condition is active.
    c. Messages displays associated with a speaker end point can display audio state of speaker.
    d. Message displays shall display custom images and gifs associated with emergencies and bell schedule events.
    e. Message displays shall be available in two sizes: 10 inch and 22 inch.

24. System programming shall be from an authorized CH1000X Settings software. All system programming data shall be stored in nonvolatile removable memory of at least 1Gb.

    a. Diagnostics shall be built into the CH1000X Central controller and be accessible via a web browser and be accessible only by authorized personnel. Diagnostics shall display all activity in real time with a 30-day log of all events. Systems that do not provide real-time activity shall not be deemed equal.

    b. All programming and data access shall be through an Ethernet connection. Systems that do not have a built in Ethernet port shall not be deemed equal.

D. Speakers: Free of noise and distortion during operation and when in standby mode.

E. Bell Changes: The Intercom and Program system shall provide bell changes as directed by the owner.

F. The Intercom and Program system shall support three administration consoles.

G. Connect the Intercom and Program System to the Wireless clock system.

H. Connect to the Intrusion Alarm System, coordinate requirement with the security contractor.

2.3 EQUIPMENT AND MATERIALS

A. Coordinate features to form an integrated system. Match components and interconnections for optimum performance of specified functions.

B. Compatibility: Input relays and tone generator and their communication features, connecting wiring, and microprocessor-switched school intercom and program equipment shall be selected and configured with accessories for full compatibility with the following equipment: 1. Output Relays: Division 28 Section "Intrusion Detection."

C. Expansion Capability: Increase the number of stations in the future by 25 percent above those indicated without adding any internal or external components or main trunk cable conductors.

D. Equipment: Modular type using solid-state components, fully rated for continuous duty, unless otherwise indicated. Select equipment for normal operation on input power usually supplied at 110 to 130 V, 60 Hz.

E. Central-Control Cabinet: Comply with TIA/EIA-310-D. Lockable, ventilated metal cabinet houses terminal strips, power supplies, amplifiers, system volume control, and other switching and control devices required for conversation channels and control functions.

F. All cable punch down terminations shall be made within the intercommunication's cabinet.

G. Provide recessed pull box with two 3-inch conduits to the nearest cable tray, install box behind the intercommunication's cabinet.

H. Provide conduit from the ceiling to the top of the intercommunication's cabinet and paint conduit to match, verify conduit paint finish in field.

2.4 PROGRAM SOURCES – EXISTING TO BE REUSED.

A. AM/FM Tuner:
1. Approved Manufacturer:
   a. Denon DN-300H
   b. Rolls RS81B
   c. Bogen DST1
   d. TOA DT-930
   e. Galaxy Audio RM-RDSTNR
2. Provide AM/FM receiver, as follows:
   a. Power Requirements: +11 V, dc, to +16 V, dc, 500 mA maximum.
   b. Inputs:
      1) Microphone: -300 micro-volts RMS into 500 Ohms.
      2) Auxiliary: -1 V RMS or 0.1 V RMS into 10,000 Ohms (jumper selectable).
      3) CD: -1.4 V RMS into 10,000 Ohms. 4) Bridging: 1 V RMS.

   c. Audio Line Output: 3 V RMS maximum.
   d. Front Panel Controls: 1) Power on/off.
      2) Master volume.
      3) Monitor volume.
      4) Source selector/mixer.

   e. Rear Panel Controls:
      1) Five preset level adjustments, one for each source.
      2) One monitor speaker preset level adjustment.

      3) One bar graph indicator level adjustment.

   f. Indicators/Displays:
      1) Master power LED.
      2) Preamp output level bar graph.
      3) AM/FM station frequency.

      4) Clock.

   g. Terminations:
      1) Preamp Out, Power, MIC Input, and Priority Enable Input and Output: Screw Terminals.
      2) CD, AUX, and Bridge: RCA pin jacks.
      3) Antenna: F-81C female for RG-59 coaxial cable, 75 Ohms.
3. AM Tuner:
   a. Frequency Range: 530 kHz to 1710 kHz.
   b. Maximum Sensitivity: 14 dB per micro-volt (5 micro-volts at 0.5 W).
   c. Selectivity: 40 dB (+/- 10 kHz).

4. FM Tuner:
    a. Frequency Range: 87.9 MHz to 107.9 MHz.
    b. Usable Sensitivity: 15.2 dBf (1.6 micro-volts, 75 Ohms).
    c. 50 dB Quieting Sensitivity: 17.2 dBf (2.0 micro-volts, 75 Ohms).
    d. Frequency Response: 30 to 15,000 Hz +/- 3 dB.
    e. Capture Ratio: 1.5 dB.
    f. Alternate Channel Selectivity: 75 dB.
    g. Stereo Separation: 35 dB at 1000 Hz.
    h. Image Response Ratio: 50 dB.
    i. IF Response Ratio: 100 dB.
    j. Signal-to-Noise Ratio: 70 dB.
    k. Controls (AM/FM Tuner): 1) On/off.
        2) Band Selector: One AM, Two FM.
        3) Seek.
        4) Scan.
        5) Auto preset.
        6) Separate bass and treble.
        7) Clock set.
        8) Tuning: Manual and preset, 5 AM and 10 FM preset stations available.

B. CD/MP3/Bluetooth
1. Approved Manufacturer:
    a. TASCAM CD-200BT.
    b. Denon DN-500CB
    c. Marantz PMD-526C 2. Provide as follows:
    a. Rack mountable.
    b. Connect up to 8 Bluetooth devices simultaneously.
    c. Play CD, CD-R, CD-RW, WAV, MP2, MP3, Data CD
    d. iPod connection
    e. Multiple playback modes, continuous, single, programmed, random.
    f. Shock/skip prevention memory buffer.
    g. Pitch control.
    h. ¼ inch stereo headphone output.
    i. Wireless remote control.
3. Accessories
    a. Rack-Mount Bracket: TIA/EIA-310-D, standard 19-inch.

C. Weather Radio Receiver:
1. Description: NOAA Weather receiver with tone detector circuitry.
2. Switch Selectable Frequencies:
    a. 162.400 MHz.
    b. 162.425 MHz.
    c. 162.450 MHz.
    d. 162.475 MHz.
    e. 162.500 MHz.
    f. 162.525 MHz.
    g. 162.550 MHz.
3. Sensitivity: 0.5 micro-volts (20 dB S/N).
4. Adjacent Channel Selectivity: 60 dB.
5. Intermodulation Rejection: 55 dB or better.
6. Image Rejection: 50 dB.
7. Spurious Response: Greater than 60 dB rejection.
8. Total Harmonic Distortion: Less than 0.5 percent.
9. Line Output: 1.0 V RMS (+2.2 dB); open circuit, R out is 600 Ohms.
10. Alarm Response Time: 3.0 seconds, 10 seconds transmitted.
11. 1050 Hz tone decoder.

12. Alarm Tone Detection Bandwidth: +/-5 Hz.
13. Power Requirements: 12 V, dc, 300 mA.
14. Housing: Suitable for mounting in standard TIA/EIA 19-inch rack. All metal housing. Install in central-control cabinet.
15. Integral Relay: Closure on detection of 1050 Hz tone signal.
16. External Relay: Converts receiver's integral relay (maintained contact closure) to a momentary contact closure when needed to allow user's access to central sound after 1050 Hz tone is detected.
17. Controls:
    a. On/off.
    b. Front panel monitor loudspeaker with volume control.
    c. Test/reset.
18. Indicators:
    a. Power LED.
    b. Alarm LED.
19. Antenna: Weatherproof 6 element Yagi unit, 50 ohm with F-type or BNC-type connector compatible with receiver, 66-inch boom length, 1000 watts power capacity.
20. Approved manufacturers:
    a. Gorman-Redlich Mfg. Co.
    b. Samco Antennas.
    c. Gizmotchy Antennas.
    d. Mosley Electronics.
21. Mount antenna, per the manufacturer's recommendations.

D. Custom Emergency Alert Panel:
1. Provide a custom emergency alert panel with function buttons for selection of emergency tones to be distributed through selected paging zone loudspeakers.
    a. Function buttons shall be push-buttons for "Tornado", "All-Clear", "Intruder" and "Off", each labeled accordingly.
2. Provide details for the emergency alert panel as part of the shop drawing Submittal.

E. Provide 8-input, stereo mic/line mixer, as follows:
1. 8 input stereo mic/line mixer
2. Balanced left and right ¼ inch stereo outputs.
3. Independent mono outputs.
4. Two auxiliary sends and returns.
5. Balanced inputs and outputs.
6. 48 V phantom power.
7. 1/4-inch TRS headphone jack.
8. Transformer balanced XLR Mono output.
9. 20dB Microphone pad switch.
10. Stereo aux input control.
11. Aux master output control.
12. Frequency: 20 – 20kHz
13. Accessories
    a. Rack-Mount Bracket: TIA/EIA-310-D, standard 19-inch.

2.5 ALL-CALL AMPLIFIER

A. Comply with TIA/EIA SE-101-A.

B. Minimum Output Power: 1-W RMS for each station and speaker that can be connected in all-call mode of operation, plus an allowance for future stations (20 % spare capacity).

C. Total Harmonic Distortion: Less than 5 percent rated output power with load equivalent to quantity of stations connected in all-call mode of operation. D. Minimum Signal-to-Noise Ratio: 60 dB, at rated output.

E. Frequency Response: Within plus or minus 2 dB from 50 to 12,000 Hz.

F. Output Regulation: Maintains output level within 2 dB from full to no load.

G. Input Sensitivity: Compatible with master stations and central equipment so amplifier delivers full-rated output with sound-pressure level of less than 10 dynes/sq. cm impinging on master station, speaker microphone, or handset transmitter.

H. Amplifier Protection: Prevents damage from shorted or open output.

2.6 INTERCOM AMPLIFIER

A. Comply with TIA/EIA SE-101-A.

B. Minimum Output Power: 15 W and adequate for all functions.

C. Total Harmonic Distortion: Less than 5 percent at rated output power with load equivalent to 1 station connected to output terminals.
D. Minimum Signal-to-Noise Ratio: 50 dB, at rated output.

E. Frequency Response: Within plus or minus 3 dB from 70 to 10,000 Hz.

F. Output Regulation: Maintains output level within 2 dB from full to no load.

G. Input Sensitivity: Matched to input circuit and providing full-rated output with sound-pressure level of not more than 10 dynes/sq. cm impinging on microphones in master stations, speaker microphones, and handset transmitters.

H. Amplifier Protection: Prevents damage from shorted or open output.

2.7 PAGING AMPLIFIER

A. Comply with TIA/EIA SE-101-A.

B. Input Voltage: 120-V ac, 60 Hz.

C. Frequency Response: Within plus or minus 3 dB from 60 to 10,000 Hz.

D. Minimum Signal-to-Noise Ratio: 60 dB, at rated output.

E. Total Harmonic Distortion: Less than 3 percent at rated output power from 70 to 12,000 Hz.

F. Output Regulation: Less than 2 dB from full to no load.

G. Controls: On/off, input levels, and low-cut filter.

H. Input Sensitivity: Matched to input circuit and providing full-rated output with sound-pressure level of less than 10 dynes/sq. cm impinging on speaker microphone or handset transmitter. I. Amplifier Protection: Prevents damage from shorted or open output.

2.8 MASTER ADMINISTRATION CONSOLE STATION

A. Provide one (1) CareHawk admin console at the administration area or as directed by the school.

B. 12-Digit Keypad Selector: Transmits calls to other stations and initiates commands for programming and operation.

C. Volume Control: Regulates incoming-call volume.

D. Audio Signal: call alert, normal, urgent, emergency and incoming line calls.

E. Tone Annunciation: Momentary audible tone signal announces incoming calls.

F. Lamp Annunciation: Illumination announces incoming calls.

G. Speaker Microphone: Transmits intercom voice signals when used via a voice-operated switch.
1. Minimum Speaker Sensitivity: TIA/EIA SE-103 pressure rating of 40 dB.

H. Link Button: To transfer calls.

I. Reset Control: Cancels call and resets system for next call.

J. Digital Display: 16-digit alphanumeric LCD readout to register up to four 3-digit station numbers, time of day, station priority calls etc. K. Power supply 120Volts.

2.9 MICROPHONE

A. Provide microphone at the new CareHawk cabinet, as follows:
1. Type: Dynamic, with cardioids polar or omni-directional characteristic.
2. Impedance: 150 ohms.
3. Frequency Response: Uniform, 50 to 14,000 Hz.
4. Output Level: Minus 58 dB minimum.
5. Finish: Satin chrome.
6. Cable: C25J.
7. Mounting: Desk stand with integral-locking, press-to-talk switch.
8. Comply with TIA/EIA SE-105.

B. Microphone Outlet: Three-pole, polarized, locking-type, microphone receptacle panel mounted.
1. Installation in central-control cabinet area.

2.10 TROUBLESHOOTING EXISTING WIRING & DEVICES AFTER CHANGE OVER

A. Include time to troubleshoot any existing wiring or devices that are not working after headend change over. These devices are as follows below.

B. During system testing there may be a need to add devices to provide proper paging coverage as well.

2.11 CEILING LOUDSPEAKERS WITH MATCHING TRANSFORMERS AND BAFFLE

A. Approved Manufacturers:
1. Atlas Sound.
2. Lowell Manufacturing Company.
3. Quam-Nichols Company.
4. Bogen
5. Valcom

B. Provide recessed lay in speaker assembly, as described here and as shown on the drawings, 1’ by 2’).

C. Size: 8 inch.

D. Power rating: 25-Watt Peak, 15-Watt RMS.

E. Sensitivity: 97 dB average.

F. Impedance: 8 ohms nominal.

G. Frequency Response: 45Hz-19 kHz Nominal, 50Hz- 8kHz + 5dB.

H. Minimum Dispersion Angle: 100-105 degrees, minus 6 dB at 2 kHz octave band.

I. Magnetic weight: 10 oz Nominal (260g)

J. Comply with TIA/EIA SE-103 and TIA/EIA-160

K. Line Transformer: frequency response 100Hz-10 kHz (+1.5dB): maximum insertion loss of 1.5 dB; secondary impedance 8 Ohms; power rating 4-5 Watts; primary terminals with 6-inch com. Lead color coded cables and dual voltage 25 V/70.7 V.

L. Multi taps at 4/5,2,1,1/2 and 1/8 watts.(45 ohm speakers will NOT be allowed)

M. Enclosures: Metal protective enclosure, acoustically dampened, with front face of at least 0.0478-inch steel and whole assembly rust proofed and factory primed; complete with mounting assembly and suitable for surface ceiling, flush ceiling, pendant or wall mounting; and with relief of back pressure.

N. Tile bridges: Provide each loudspeaker with load bearing, rust-resistant steel tile bridge to match the supplied speakers.

O. Grills/Baffle: Provide each loudspeaker with flush mounted baffle, minimum thickness of 0.032inch aluminum, with textured white finish, to match the supplied speakers.

P. Vandal-Proof, High-Strength Baffle: For flush speakers, self-aging cast aluminum with tensile strength of 44,000 psi, 0.025-inch minimum thickness, countersunk heat-treated alloy mounting screws, and textured white epoxy finish.
   1. Provide surface loudspeakers with matching 16-gauge steel enclosure with sloped baffle.

2.12 CEILING LOUDSPEAKERS WITH MATCHING TRANSFORMERS AND BAFFLE WITH VOLUME CONTROL

A. Approved Manufacturers:
   1. Atlas Sound.
   2. Lowell Manufacturing Company.
   3. Quam-Nichols Company.
   4. Bogen
   5. Valcom

B. Provide recessed lay in speaker assembly as described here and as shown on the drawings, 1’ by 2’.

C. Size: 8 inch.

D. Power rating: 25-Watt Peak, 15-Watt RMS.

E. Sensitivity: 97 dB average.

F. Impedance: 8 ohms nominal.

G. Frequency Response: 45Hz-19 kHz Nominal, 50Hz- 8kHz + 5dB.

H. Minimum Dispersion Angle: 100-105 degrees, minus 6 dB at 2 kHz octave band.

I. Magnetic weight: 10 oz Nominal (260g)

J. Comply with TIA/EIA SE-103 and TIA/EIA-160

K. Line Transformer: frequency response 100Hz-10 kHz (+1.5dB): maximum insertion loss of 1.5 dB; secondary impedance 8 Ohms; power rating 4-5 Watts; primary terminals with 6-inch com. Lead color coded cables and dual voltage 25 V/70.7 V.

L. Multi taps at 4/5,2,1,1/2 and 1/8 watts.(45 ohm speakers will NOT be allowed)

M. Enclosures: Metal protective enclosure, acoustically dampened, with front face of at least 0.0478-inch steel and whole assembly rust proofed and factory primed; complete with mounting assembly and suitable for surface ceiling, flush ceiling, pendant or wall mounting; and with relief of back pressure.

N. Tile bridges: Provide each loudspeaker with load bearing, rust-resistant steel tile bridge to match the supplied speakers.

O. Grills/Baffle: Provide each loudspeaker with flush mounted baffle, minimum thickness of 0.032inch aluminum, with textured white finish, to match the supplied speakers.

P. Vandal-Proof, High-Strength Baffle: For flush speakers, self-aging cast aluminum with tensile strength of 44,000 psi, 0.025-inch minimum thickness, countersunk heat-treated alloy mounting screws, and textured white epoxy finish.
   1. Provide surface loudspeakers with matching 16-gauge steel enclosure with sloped baffle.

Q. Provide baffle mounted volume control.

R. See drawings for volume control speakers (notated by VC next to each speaker)

2.13 METAL SURFACE MOUNTED SPEAKERS

A. Steel construction.

B. Off white finish.

C. Size 12 inches by 12 inches.

D. Slope/angle front.
   1. Angle front for wall mounted speaker.
   2. Flat front for ceiling mounted speaker.

E. Full range 8-inch cone speaker.

F. 25/70.7-volt transformer.

G. Multi taps, 4,2,1,1/2 and ¼ watts.

H. Units shall have built in volume control where noted.

I. Approved manufacturers:
   1. Bogen MB8TSL
   2. Lowell
   3. Atlas
   4. Valcom
   5. Quam Nichols

2.14 HORN-TYPE LOUDSPEAKERS

A. Approved Manufacturers:
   1. Atlas Sound LP.
   2. Lowell Manufacturing Company.
   3. Quam-Nichols Company.

B. Comply with TIA/EIA SE-101-A. All-metal, weatherproof construction; complete with universal mounting brackets and stainless-steel screws.

C. Minimum Axial Sensitivity: TIA/EIA SE-103 pressure rating of 108 dB at 1 W/1 m.

D. Frequency Response: Within plus or minus 6 dB from 300 to 12,000 Hz.

E. Minimum Power Rating of Driver: 30 W, continuous.

F. Minimum Dispersion Angle: 60 degrees, minus 6 dB, 2000 Hz octave band.

G. Line Transformer: Comply with TIA/EIA-160, maximum insertion loss of 1.5 dB, 30 W power rating, frequency response plus or minus 1.5 dB from 100 to 10,000 Hz, dual voltage 25 V/70.7 V, and at least 5 level taps. (45-ohm speakers will NOT be allowed)

H. Provide coating for all speakers in pools and harsh marine environment, all screws and mounting hardware, boxes etc shall be stainless steel.

2.15 VANDAL AND WEATHER RESISTANT SPEAKER/INTERCOM STATION

A. Mounting: Flush, unless otherwise indicated, and suitable for mounting conditions indicated.

B. Faceplate: Stainless steel or anodized aluminum with tamperproof mounting stainless-steel screws, strips etc.

C. Back Box: Three-gang galvanized steel with 2-1/2-inch minimum depth.

D. Speaker: Comply with TIA/EIA SE-103. 3-inch, 2.3-oz. minimum, permanent magnet.

E. Call Switch: Mount on faceplate. Permits a call to master intercommunications console.

F. Provide coating for all speakers in pool and harsh marine environment, all screws and mounting hardware, boxes etc shall be stainless steel.

2.16 CALL-SWITCH UNIT

A. Enclosure: Single-gang box with stainless-steel faceplate.

B. Provide call in switch in every space as shown on the drawings.

C. Call Switch: Momentary contact signals system that a call has been placed.
   1. Label: "Push-to-call."

2.17 VOLUME CONTROL UNIT

A. Enclosure: Single-gang box with stainless-steel faceplate.

B. Provide volume control in every office that needs to be replaced because it is not working.

C. Volume Control: Wall-plate mounted autotransformer type with paging priority feature.
   1. Wattage Rating: 10 W, unless otherwise indicated.
   2. Attenuation Per Step: 3 dB with positive off position.
   3. Insertion Loss: 0.4 dB maximum.
   4. Attenuation Bypass Relay: Single pole, double throw. Connected to operate and bypass attenuation when all-call, paging, program signal, or prerecorded message features are used. Relay returns to normal position at end of priority transmission.
   5. Label: "Volume."
   6. Stamped and filled dial scale with skirted black knob.

2.18 GUARDS FOR PHYSICAL PROTECTION

A. Description: Heavy chrome-plated welded wire mesh wire guard of size and shape for loudspeaker or other device requiring protection in areas such as the Gymnasium.

2.19 CONDUCTORS AND CABLES

A. The intercommunications system contract shall verify the cabling requirement for the system provided.

B. Conductors: Jacketed and twisted multi-pair, untinned solid copper.

C. Insulation: Thermoplastic, not less than 1/32 inch thick.
   1. Jacket on cables for exterior speakers shall be UV and water resistant.

D. Provide intercommunications speaker cables, as follows:
   1. Plenum-Rated Cable: NFPA 70, Type CMP in cable tray.
      a. Conductors: 2 conductors shielded and 2 conductors unshielded, No. 20 AWG, stranded copper conductors and as recommended by the manufacturer.
      b. Fluoropolymer insulation.
      c. Individual aluminum foil-polyester tape shielded pairs with 100 percent shield coverage.
      d. Plastic jacket.
      e. Pairs are cabled on common axis with No. 20 AWG, stranded copper drain wire.
      f. Flame Resistance: Comply with NFPA 262.

E. Shielding: For speaker-microphone leads and elsewhere where recommended by manufacturer; No. 34 AWG tinned, soft-copper strands formed into a braid or equivalent foil.
   1. Minimum Shielding Coverage on Conductors: 60 percent.

2.20 NOT USED

2.21 NOT USED

PART 3 - EXECUTION

3.1 INSTALLATION

A. Wiring Method: Install wiring in raceways except within consoles, cabinets, desks, and counters and except in accessible ceiling spaces where cable wiring method may be used.

B. Provide plenum-rated cabling for the intercommunications system.

C. All cables in exposed rooms such as student dining, gyms, art rooms, mechanical room, electrical rooms, etc shall run in conduit or surface raceway to the nearest cable tray in the corridors.

D. Secure and support cables with straps, staples, or similar fittings designed and installed to avoid damage to cables. Secure cables at intervals not exceeding 30 inches and not more than 6 inches from cabinets, boxes, or fittings.

E. Wiring Terminations: Terminate all intercommunications wiring inside the central-control cabinet. Do not terminate above accessible ceilings or exposed in finished spaces.

F. Wiring within Enclosures: Bundle, lace, and train conductors to terminal points with no excess. Use lacing bars in cabinets.

G. Control-Circuit Wiring: Install number and size of conductors as recommended by system manufacturer for control functions indicated.

H. Separation of Wires: Separate speaker-microphone, line-level, speaker-level, and power wiring runs. Install in separate raceways or, where exposed or in same enclosure, separate conductors at least 12 inches for speaker microphones and adjacent parallel power and telephone wiring. Separate other school intercom and program equipment conductors as recommended by equipment manufacturer.

I. Splices, Taps, and Terminations: Arrange on numbered terminal strips in junction, pull, and outlet boxes; terminal cabinets; and equipment enclosures.

J. Match input and output impedances and signal levels at signal interfaces. Provide matching networks where required.

K. Identification of Conductors and Cables: Color-code conductors and apply wire and cable marking tape to designate wires and cables so they identify media in coordination with system wiring diagrams.

L. Weatherproof Equipment: For units that are mounted outdoors, in damp locations, or exposed to weather, install consistent with requirements of weatherproof rating.

M. Connect each room speaker and call-in switch to a separate station circuit (Provide minimum of 4 conductor cable home runs to each speaker).

N. Connect each corridor, hallway, lobby, or commons area speakers to a separate station circuit. (Maximum of 8 speakers per station circuit with a minimum of 4 conductor cable)

O. Connect each exterior paging horn speaker to a separate station circuit with a minimum of 4 conductor cables.

P. Reuse or provide a new separate coax cable for each AM/FM radio, weather antenna unit etc, and provide amplifiers as needed to amplifier the signal that exceeds 145 feet.

Q. Interface the intercommunication system with the telephone system (verify requirements).

R. Connect the weather radio receiver and other existing sources to a station input so that the weather radio receiver initiates an emergency call-in when 1050 Hz tone signal is detected, and receiver audio may be heard at master station when call is answered.

S. Mount All Administrative Phones shall be desk- or counter-mounted. Verify exact location with the owner.

3.2 GROUNDING

A. Ground cable shields and equipment to eliminate shock hazard and to minimize ground loops, common-mode returns, noise pickup, cross talk, and other impairments.

B. Signal Ground Terminal: Locate at main equipment cabinet.

C. Install grounding electrodes per code.

3.3 SYSTEM PROGRAMMING

A. Programming: Fully brief Owner on available programming options. Record Owner's decisions and set up initial system program. Prepare a written record of decisions, implementation methodology, and results.

B. Station Numbers: Match numbers used for building telephone system.

3.4 FIELD QUALITY CONTROL

A. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust field-assembled components and equipment installation, including connections, and to assist in field testing. Report results in writing.

B. Perform the following field tests and inspections and prepare test reports:
1. Schedule tests with at least seven days' advance notice of test performance.
2. After installing the school intercom and program equipment and after electrical circuitry has been energized, test for compliance with requirements.
3. Operational Test: Test originating station-to-station, all-call, and page messages at each intercom station. Verify proper routing and volume levels and that system is free of noise and distortion. Test each available message path from each station on the system.
4. Acoustic Coverage Test: Feed pink noise into system using octaves centered at 500 and 4000 Hz. Use sound-level meter with octave-band filters to measure levels at five locations in each paging zone. Maximum permissible variation in level is plus or minus 3 dB; in levels between adjacent zones, plus or minus 5 dB.
5. Power Output Test: Measure electrical power output of each paging amplifier at normal gain settings of 150, 1000, and 2500 Hz. Maximum variation in power output at these frequencies is plus or minus 3 dB.
6. Signal Ground Test: Measure and report ground resistance at system signal ground. Comply with testing requirements in Division 26 Section "Grounding and Bonding for Electrical Systems."

C. Retesting: Correct deficiencies and retest. Prepare a written record of tests.

D. Inspection: Verify that units and controls are properly labeled, and interconnecting wires and terminals are identified. Prepare a list of final tap settings of paging and independent room speaker-line matching transformers.

E. Prepare written test reports.
1. Include a record of final speaker-line matching transformer-tap settings, and signal ground resistance measurement certified by Installer.

3.5 **EQUIPMENT MANUFACTURER'S REPRESENTATIVE**

A. All work described herein to be done by the manufacturer's authorized representative shall be provided by a documented factory authorized representative of the basic line of equipment to be used.

B. As further qualification for bidding and participating in the work under this specification, the manufacturer's representative shall hold a valid C-10 Contractor's License issued by the Contractor's State License Board of [your state]. The manufacturer's representative shall have completed at least 10 projects of equal scope, giving satisfactory performance, and shall have been in the business of furnishing and installing sound systems of this type for at least 5 years. The manufacturer's representative shall be capable of being bonded to ensure the owner of performance and satisfactory service during the guarantee period.

C. The manufacturer's representative shall provide a letter with submittals from the manufacturer of all major equipment stating that the manufacturer's representative is an authorized distributor. This letter shall also state that the manufacturer guarantees service performance for the life of the equipment and that there will always be an authorized distributor assigned to service the area in which the system has been installed.

D. The contractor shall furnish a letter from the manufacturer of the equipment that certifies that the equipment has been installed according to factory intended practices, that all the components used in the system are compatible, and that all new portions of the systems are operating satisfactorily. Further, the contractor shall furnish a written guarantee, guaranteeing all parts for a period of five years after final acceptance of the project by the owner.

3.6 ADJUSTING

A. On-Site Assistance: Engage a factory-authorized service representative to provide on-site assistance in adjusting sound levels, resetting transformer taps, and adjusting controls to meet occupancy conditions.

B. Occupancy Adjustments: When requested within 12 months of the date of Substantial Completion, provide on-site assistance in adjusting systems to suit actual occupied conditions. Provide up to two visits to sites outside normal occupancy hours for this purpose, without additional cost.

C. Provide the following directly to the Owner:

1. A printed copy of all field programming for all system components

2. One copy of all diagnostic software with a copy of field program for each unit

3. One copy of all service manuals, parts list, and internal wiring diagrams of each system component

4. One copy of all field wiring runs, location, and end designation of the system

END OF SECTION 27 51 23

ARCHITECTURAL/SITE ABBREVIATIONS

ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

@	AT	M	METER
AC	AIR CONDITIONING	MAS	MASONRY
ACT	ACOUSTICAL CEILING TILE	MAT	MATERIAL
AD	AREA DRAIN	MAX	MAXIMUM
ADJ	ADJUSTABLE	MB	MARKER BOARD
AFF	ABOVE FINISHED FLOOR	MECH	MECHANICAL
AFP	ACCORDION FOLDING PARTITION	MEZZ	MEZZANINE
AGG	AGGREGATE	MFR	MANUFACTURER
ALT	ALTERNATIVE	MH	MOP HOLDER
AL	ALUMINUM	MIN	MINIMUM
AP	ACCESS PANEL	MISC	MISCELLANEOUS
APROX	APPROXIMATE	MM	MILLIMETER
AR	ACID RESISTANT	MO	MASONRY OPENING
ARCH	ARCHITECT(URAL)	MTL	METAL
ASPH	ASPHALT		
AV	AUDIO-VISUAL	N	NORTH
AWG	AMERICAN WIRE GUAGE	NIC	NOT IN CONTRACT
AWT	ACCOUSTICAL WALL TREATMENT	NO/#	NUMBER
L	ANGLE	NOM	NOMINAL
&	AND	NTS	NOT TO SCALE
BIT	BITUMINOUS	OC	ON CENTER
BLDG	BUILDING	OD	OUTSIDE DIAMETER
BLKG	BLOCKING	OPNG	OPENING
BM	BENCH MARK / BEAM	OPP	OPPOSITE
B.O.	BOTTOM OF	O.H.	OPPOSITE HAND
BOS	BOTTOM OF STEEL	O TO O	OUT TO OUT
BOT	BOTTOM	OW	OPERABLE WALL
BRG	BEARING	OZ	OUNCE
BRK	BRICK		
BUR	BUILT-UP ROOF	P	PAINT
		PA	PUBLIC ADDRESS
CAB	CABINET	PERF	PERFORATED
CAR	CARPET	PLAS	PLASTIC
CAT	CATALOG	PL	PLASTIC LAMINATE
CB	CHALKBOARD / CATCH BASIN	PLBG	PLUMBING
CFM	CUBIC FEET PER MINUTE	PLYWD	PLYWOOD
CH	CABINET HEATER	PREFAB	PREFABRICATED
CI	CAST IRON	PS	PROJECTION SCREEN
CJ	CONTROL JOINT	PSF	POUNDS PER SQUARE FOOT
CL	CENTERLINE	PSI	POUNDS PER SQUARE INCH
CLR	CLEAR	PSS	PENCIL SHARPENER SUPPORT
CLG	CEILING	PT	PORCELAIN TILA
CMP	CORRUGATED METAL PIPE	PVC	POLYVINYL CHLORIDE
CMT	CERAMIC MOSAIC TILE	PVMT	PAVEMENT
CMU	CONCRETE MASONRY UNIT		
CO	CLEANOUT	QT	QUARRY TILE
COL	COLUMN		
COMP	COMPACTED	R	RISER
CONC	CONCRETE	RA	RETURN AIR
CONSTR	CONSTRUCTION	RAD/R	RADIUS
CONT	CONTINUOUS/CONTINUE	RB	RESILIENT BASE
CONTR	CONTRACTOR	RCP	REINFORCED CONCRETE PIPE
CORR	CORRUGATED	RD	ROOF DRAIN
CT	CERAMIC TILE	REF	REFERENCE
C TO C	CENTER TO CENTER	REFR	REFRIGERATOR
CSK	COUNTER SINK	REINF	REINFORCING
CU FT/CF	CUBIC FEET	REQ'D	REQUIRED
CU INCI	CUBIC INCH	REV	REVISION(S)
CU YD/CY	CUBIC YARD	RM	ROOM
CUSP	CUSPIDOR	R.O.	ROUGH OPENING
CW	COLD WATER	ROW	RIGHT-OF-WAY
CWF	CEMENTITIOUS WOOD FIBER		
		S	SOUTH
d	PENNY (NAILS, ETC.)	SA	SUPPLY AIR
D	DEPTH/DEEP	SAN	SANITARY
°	DEGREE	SCHED	SCHEDULE
DC	DISPLAY CASE	SD	STORM DRAIN / SMOKE DETECTOR
DEPT	DEPT	SECT	SECTION
DET	DETAIL	SEW	SEWER
DF	DRINKING FOUNTAIN	SGFT	STRUCTURAL GLAZED FACING TILE
DIA/ Ø	DIAMETER	SHT	SHEET
DIM	DIMENSION	SIM	SIMILAR
DIV	DIVISION	SP	SPACE
DL	DEAD LOAD	SPEC(S)	SPECIFICATION(S)
DWG	DRAWING	SPKR	SPEAKER
DS	DOWNSPOUT	SQ	SQUARE
DWC	DRINKING WATER COOLER	SQ FT/SF	SQUARE FEET
		SQ IN/SI	SQUARE INCHES
E	EAST	SQ YD/SY	SQUARE YARDS
EA	EACH	SS	STAINLESS STEEL
EF	EACH FACE	ST	STORM/STREET
EJ	EXPANSION JOINT	STD	STANDARD
EL	ELEVATION	STL	STEEL
ELEC	ELECTRIC(AL)	STRUCT	STRUCTURAL
ELEV	ELEVATOR	SUSP	SUSPENDED
ENGR	ENGINEER	SW	SHORT WAY / SIDEWALK
EP	ELECTRICAL PANELBOARD	SYMM	SYMMETRY(ICAL)
EQ	EQUAL	SYNTH	SYNTHETIC
EQUIP	EQUIPMENT		
EW	EACH WAY	T	TREAD
EFS (or DEFS)	DIRECT APPLIED EXTERIOR FINISH SYSTEM	T&B	TOP AND BOTTOM
EIFS	EXTERIOR INSULATION FINISH SYSTEM	T&G	TONGUE AND GROOVE
EXH	EXHAUST	TA	TOILET ACCESSORY(IES)
EXIST	EXISTING	TB	TACKBOARD
EXP	EXPANSION	TC	TOP OF CURB
EXT	EXTERIOR	TEL	TELEPHONE
EXTN	EXTENSION	TERR	TERRAZZO
		T.O.	TOP OF
FD	FLOOR DRAIN	TOC	TOP OF CONCRETE
FF	FINISH FLOOR	TOF	TOP OF FOOTING
FHC	FIRE HOSE CABINET	TOM	TOP OF MASONRY
FIN	FINISH	TOS	TOP OF STEEL
FLR	FLOOR	TV	TELEVISION
FDN	FOUNDATION	TYP	TYPICAL
FSR	FLEXIBLE SHEET ROOFING	TWS	TACKABLE WALL SURFACE
FSSK	FLOOR SERVICE SINK		
FT	FEET	UNO	UNLESS NOTED OTHERWISE
FTG	FOOTING	UV	UNIT VENTILATOR
FE	FIRE EXTINGUISHER	UR	URINAL
FEC	FIRE EXTINGUISHER CABINET		
		VCT	VINYL COMPOSITE TILE
GA	GAUGE	VCGWB	VINYL COVERED GYPSUM WALLBOARD
GALV	GALVANIZED(D)	VERT	VERTICAL
GB	GRAB BAR	VFWC	VINYL FABRIC WALLCOVERING
GFCMU	GROUND FACE CONCRETE MASONRY UNIT	VIF	VERIFY IN FIELD
GFRGU	GLASS FIBER REINFORCED GYPSUM UNIT	VIT	VITREOUS
GL	GLASS	VOL	VOLUME
GWB	GYPSUM WALLBOARD	VR	VAPOR RETARDER
		VRB	VENTED RESILIENT BASE
H	HEIGHT/HIGH	VS	VENT STACK
HB	HOSE BIB	VT	VINYL STACK
HDWE	HARDWARE		
HM	HOLLOW METAL	W	WEST / WIDE / WIDTH
HORIZ	HORIZONTAL	W/	WITH
HPT	HIGH POINT	W/O	WITHOUT
HS	HIGH STRENGTH	WA	WARDROBE ACCESSORIES
HTG	HEATING	WB	WOOD BASE
HVAC	HEATING/VENTILATING/AIR CONDITIONING	WC	WATER CLOSET / WIND COLUMN
HW	HOT WATER	WD	WOOD
HWY	HIGHWAY	WH	WATER HEATER
		WP	WORKING POINT
ID	INSIDE DIAMETER	WSSK	WALL SERVICE SINK
IN	INCH	WWF	WELDED WIRE FABRIC
INCL	INCLUDE(D), (ING)		
INFO	INFORMATION	YD	YARD / YARD DRAIN
INSUL	INSULATION		
INTR	INTERIOR		
INV	INVERT		
JS	JOIST SUBSTITUTE		
JST	JOIST		
JT	JOINT		
KIT	KITCHEN		
L	LENGTH		
LAM	LAMINATE(D)		
LAV	LAVATORY		
LB#	POUND		
LKR	LOCKER		
LL	LIVE LOAD		
LLH	LONG LEG HORIZONTAL		
LLV	LONG LEG VERTICAL		
LVR	LOUVER		
LW	LONG WAY		

MATERIAL SYMBOLS LEGEND

MATERIAL SYMBOLS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

- ASPHALT
- EARTH
- GRAVEL, STONE, OR DRAINAGE FILL
- SAND, GROUT, PLASTER, GWB, OR PLAN VIEW OF SIDEWALK
- CONCRETE
- TERRAZZO
- CUT STONE
- MARBLE
- SLATE
- FACE BRICK (PLAN)
- GLAZED BRICK
- CONCRETE MASONRY UNIT (PLAN)
- CONCRETE MASONRY UNIT (SECTION)
- CONCRETE MASONRY UNIT (SOLID, IN SECTION)
- SPRAY-ON INSULATION OR FIRE PROTECTION
- WIRE FENCE OR PARTITION
- METAL ROOF DECK
- LAMINATED WOOD BEAM (SMALL SCALE, SECTION)
- BATT INSULATION
- RIGID INSULATION
- ROUGH WOOD
- FINISH WOOD
- WOOD OTHER THAN NOMINAL
- PLYWOOD
- GYPSUM WALLBOARD (LARGE SCALE)
- STUD WALL (PLAN) - DIMENSIONS TAKEN TO FINISH FACE OF WALL - SEE WALL TYPES
- SOLID PANEL FOLDING PARTITION OR OPERABLE WALL
- FABRIC ACCORDION FOLDING PARTITION
- ACOUSTICAL TILE CEILING
- EXTERIOR INSULATION FINISH SYSTEM

DRAWING SYMBOLS LEGEND

DRAWING SYMBOLS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

- CALLOUT (SIM / 1A / A-400)
- EQUIPMENT TAG (11)
- CEILING TAG (X1)
- KEY NOTE TAG (?)
- DOOR TAG (XXXX)
- EXTERIOR ELEVATION (X / AX.XX / X Ref)
- INTERIOR ELEVATION (X Ref / EAXXX / X Ref / X Ref)
- GRID HEAD (X)
- LEVEL LINE (Name / EL XXX'-XX")
- REVISION TAG (1)
- ROOF TYPE TAG (A)
- BUILDING/WALL SECTION (SIM / 1A / A-300)
- DETAIL SECTION (SIM / 1A / A-300)
- ROOF SLOPE TAG (SLOPE 1/12)
- MATCHLINE VIEW REFERENCE (X / X###)
- WALL TAG (W##X)
- STOREFRONT TAG (1t)
- WINDOW TAG (XX)
- ROOM TAG (101)
- EXISTING CONTOUR (811)
- NEW CONTOUR (811)
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- NEW POINT ELEVATION (811.9)
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ZIONSVILLE COMMUNITY HIGH SCHOOL

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ZH-T502 TECHNOLOGY DETAILS
ZH-T601 TECHNOLOGY DEVICE SCHEDULES
ZH-T602 TECHNOLOGY DEVICE SCHEDULES
ZH-T701 TECHNOLOGY RISER DIAGRAM
ZH-T1B TECHNOLOGY PLAN - BASEBALL/SOFTBALL AUDIO
ZH-T1P TECHNOLOGY PLAN - POOL AUDIO
ZH-T1S TECHNOLOGY PLAN - STADIUM AUDIO
ZH-T2S TECHNOLOGY PLAN - STADIUM PRESSBOX AUDIO

ZIONSVILLE WEST MIDDLE SCHOOL

01 CIVIL
ZW-G1.00 SITE PAVING PLAN
ZW-G1.01 SITE PAVING PLAN
ZW-G4.00 SITE DETAILS
ZW-G4.01 SITE DETAILS

05 INTERIORS
ZW-A-101 STAGE FINISH & EQUIPMENT PLAN

08 MECHANICAL
ZW-M001 MECHANICAL SYMBOLS AND ABBREVIATIONS
ZW-M-401 ENLARGED UNIT 'E' MAIN MECHANICAL ROOM
ZW-M-402 ENLARGED UNIT 'A' MECHANICAL MEZZANINE
ZW-M-403 ENLARGED UNIT 'C' MECHANICAL MEZZANINE
ZW-M-404 ENLARGED UNIT 'D' MECHANICAL MEZZANINE
ZW-M-405 ENLARGED UNIT 'F' MECHANICAL MEZZANINE
ZW-M-601 MECHANICAL EQUIPMENT SCHEDULES
ZW-M-602 MECHANICAL EQUIPMENT SCHEDULES
ZW-M-603 MECHANICAL EQUIPMENT SCHEDULES
ZW-M-604 MECHANICAL EQUIPMENT SCHEDULES
ZW-M-605 MECHANICAL EQUIPMENT SCHEDULES
ZW-M-701 EQUIPMENT CONTROLS SCHEMATICS
ZW-M-702 HEATING WATER AND CHILLER WATER PIPING SCHEMATICS
ZW-M-703 BOILER CONTROL SCHEMATIC
ZW-M-704 CHILLER CONTROL SCHEMATIC
ZW-M-705 AHU CONTROL SCHEMATIC
ZW-M-706 AHU CONTROL SCHEMATIC

09 ELECTRICAL - ZWMS
ZW-E-001 ELECTRICAL SYMBOLS & ABBREVIATIONS
ZW-ED110 THEATRICAL DEMO PLAN
ZW-EL110 LIGHTING PLAN
ZW-FA1 FIRST FLOOR - OVERALL FIRE ALARM PLAN
ZW-FA2 SECOND FLOOR - OVERALL FIRE ALARM PLAN
ZW-FA3 MEZZANINE LEVEL FIRE ALARM PLAN
ZW-E-401 THEATRICAL LIGHTING PLAN
ZW-E-501 THEATRICAL DETAILS
ZW-E-601 THEATRICAL SCHEDULES

10 TECHNOLOGY
ZW-T11A FIRST FLOOR TECHNOLOGY PLAN - AUDITORIUM

ZIONSVILLE MIDDLE SCHOOL

05 INTERIORS
ZM-A-101 STAGE FINISH & EQUIPMENT PLAN

09 ELECTRICAL - ZMS
ZM-E-001 ELECTRICAL SYMBOLS & ABBREVIATIONS
ZM-ED110 THEATRICAL DEMO PLAN
ZM-EL110 LIGHTING PLAN
ZM-E-401 THEATRICAL LIGHTING PLAN
ZM-E-501 THEATRICAL DETAILS
ZM-E-601 THEATRICAL SCHEDULES

10 TECHNOLOGY
ZM-T11A FIRST FLOOR TECHNOLOGY PLAN - AUDITORIUM

EAGLE ELEMENTARY SCHOOL

04 ARCHITECTURAL
EEA-101 OVERALL FIRST FLOOR PLAN
EEA-11A DEMO PLAN AND FLOOR PLAN
EEA-201 ELEVATIONS, SECTIONS, AND DETAILS
EEA-501 COLUMN WRAP DETAILS
EEA-901 3D PERSPECTIVE VIEWS

BOONE MEADOW ELEMENTARY SCHOOL

01 CIVIL
BM-G1.00 SITE PAVING PLAN
BM-G1.01 SITE PAVING PLAN
BM-G4.00 SITE DETAILS

09 ELECTRICAL - BME
BM-FA1A FIRST FLOOR FIRE ALARM PLAN - UNIT A
BM-FA1B FIRST FLOOR FIRE ALARM PLAN - UNIT B
BM-FA1C FIRST FLOOR FIRE ALARM PLAN - UNIT C
BM-FA1D FIRST FLOOR FIRE ALARM PLAN - UNIT D
BM-FA2A SECOND FLOOR FIRE ALARM PLAN - UNIT A
BM-FA2B SECOND FLOOR FIRE ALARM PLAN - UNIT B
BM-FA2CD SECOND FLOOR FIRE ALARM PLAN - UNITS C AND D

10 TECHNOLOGY
BM-T11 OVERALL FIRST FLOOR TECHNOLOGY PLAN
BM-T12 OVERALL SECOND FLOOR TECHNOLOGY PLAN

STONEGATE ELEMENTARY SCHOOL

01 CIVIL
SG-GD-01 GENERAL NOTES
SG-G1 SURVEY

SG-GD1-00 EXISTING CONDITIONS/ DEMO PLAN

SG-G1-00 PROPOSED SITE PLAN
SG-G1-01 PROPOSED SITE REPAIR PLAN - AREA A
SG-G1-02 PROPOSED SITE REPAIR PLAN - AREA B
SG-G1-03 PROPOSED SITE REPAIR PLAN - AREA C
SG-G2-01 GRADING & UTILITY PLAN - AREA B
SG-G3-01 EXISTING CONDITIONS & EROSION CONTROL PLAN - AREA A
SG-G3-02 EROSION CONTROL PLAN - AREA B
SG-G3-03 EXISTING CONDITIONS & EROSION CONTROL PLAN - AREA C
SG-G3-04 STORMWATER POLLUTION PREVENTION PLAN

SG-G4-00 PROPOSED SITE DETAILS
SG-G4-01 SITE DETAILS
SG-G4-02 STORM PROFILES (1)

02 LANDSCAPE
SG-L1-01 LANDSCAPE PLAN
SG-L2-01 LANDSCAPE PLAN

09 ELECTRICAL - SGE
SG-E1-01 ELECTRICAL SITE PLAN
SG-FA1A FIRST FLOOR FIRE ALARM PLAN - UNIT A
SG-FA1B FIRST FLOOR FIRE ALARM PLAN - UNIT B
SG-FA1C FIRST FLOOR FIRE ALARM PLAN - UNIT C
SG-FA1D FIRST FLOOR FIRE ALARM PLAN - UNIT D
SG-FA2A SECOND FLOOR FIRE ALARM PLAN - UNIT A AND UNIT C
SG-FA2B SECOND FLOOR FIRE ALARM PLAN - UNIT B AND UNIT D

10 TECHNOLOGY
SG-T11 OVERALL FIRST FLOOR TECHNOLOGY PLAN
SG-T12 OVERALL SECOND FLOOR TECHNOLOGY PLAN

UNION ELEMENTARY SCHOOL

08 MECHANICAL
UE-M001 MECHANICAL SYMBOLS AND ABBREVIATIONS
UE-M-401 UNIT A & B MEZZANINE TEMPERATURE CONTROL PLANS
UE-M-402 UNIT C, D & E MEZZANINE TEMPERATURE CONTROL PLANS
UE-M-601 MECHANICAL EQUIPMENT SCHEDULES
UE-M-602 MECHANICAL EQUIPMENT SCHEDULES
UE-M-603 MECHANICAL EQUIPMENT SCHEDULES
UE-M-701 EQUIPMENT CONTROLS SCHEMATICS
UE-M-702 HOT AND CHILLED WATER PLANT SCHEMATICS
UE-M-703 AHU CONTROLS SCHEMATICS
UE-M-704 BOILER CONTROL SCHEMATIC
UE-M-705 CHILLER CONTROL SCHEMATIC
UE-MC11A UNIT A - TEMPERATURE CONTROL PLAN
UE-MC11B UNIT B - TEMPERATURE CONTROL PLAN
UE-MC11C UNIT C - TEMPERATURE CONTROL PLAN
UE-MC11D UNIT D - TEMPERATURE CONTROL PLAN
UE-MC11E UNIT E - TEMPERATURE CONTROL PLAN

09 ELECTRICAL - UE
UE-FA1A FIRST FLOOR FIRE ALARM PLAN - UNIT A
UE-FA1B FIRST FLOOR FIRE ALARM PLAN - UNIT B
UE-FA1C FIRST FLOOR FIRE ALARM PLAN - UNIT C
UE-FA1D FIRST FLOOR FIRE ALARM PLAN - UNIT D
UE-FA1E FIRST FLOOR FIRE ALARM PLAN - UNIT E
UE-FA2 MEZZANINE FIRE ALARM PLANS

10 TECHNOLOGY
UE-T11 OVERALL FIRST FLOOR PLAN
UE-T12 OVERALL SECOND FLOOR PLAN

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2026 IMPROVEMENTS

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ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10900161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM

DRAWN BY: KT

PROJECT NUMBER: 224035.00

PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM 2	01.08.2026

ABBREVIATIONS & INDEX

G-001

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CODE PLAN LEGEND

FIRE BARRIERS

—90——90—

—3/4——3/4—

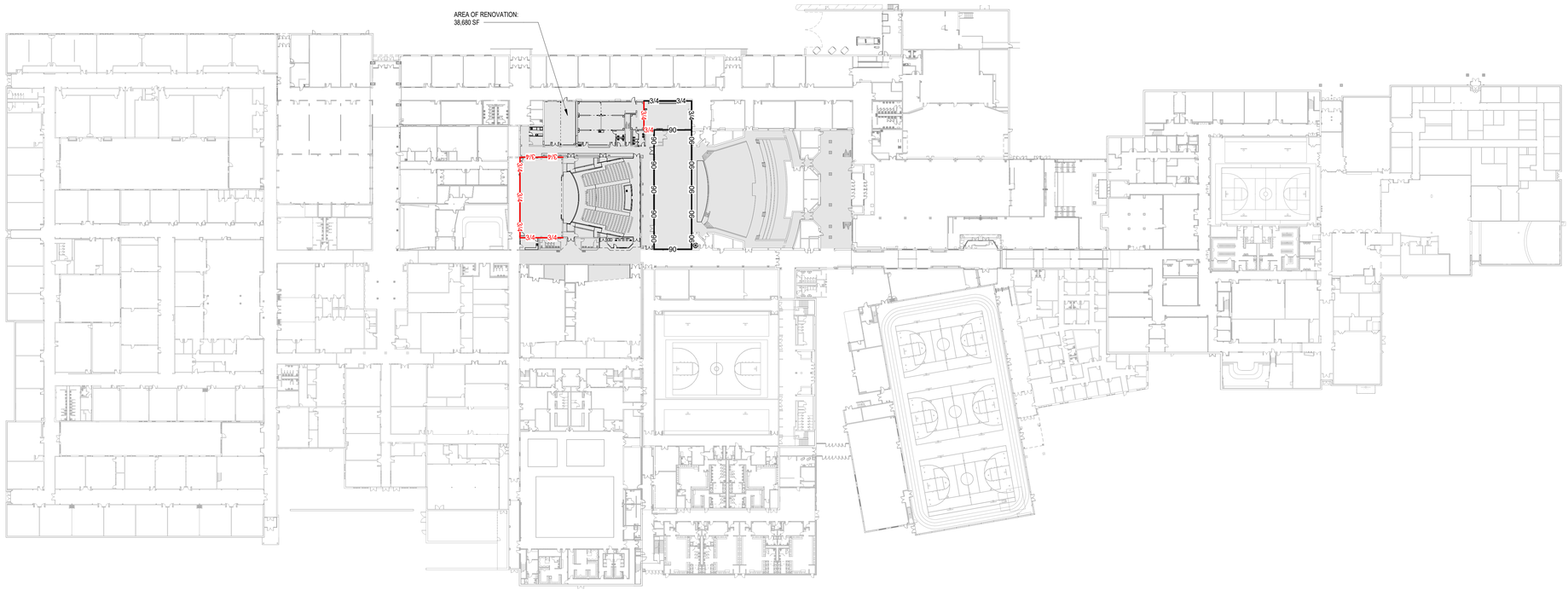
FE / FEC

TO EXTEND TO THE FLOOR/ROOF DECK

INDICATES AN EXISTING 2 HOUR FIRE-RESISTANT RATED FIRE BARRIER WITH 1-1/2 HOUR RATED OPENING PROTECTIVES (SECTION 707), PER THE 2001 EXISTING DRAWINGS, AND WILL REMAIN "AS IS"

INDICATES A NEW OR EXISTING 1 HOUR FIRE-RESISTANT RATED FIRE BARRIER WITH 3/4 HOUR RATED OPENING PROTECTIVES (SECTION 707), EXISTING BARRIER, PER THE 2001 DRAWINGS, WILL REMAIN "AS IS". NEW FIRE BARRIERS INCLUDED AS A PART OF THIS PROJECT ARE INDICATED IN RED ON THE CODE PLAN. 2

FE = FIRE EXTINGUISHER
FEC = FIRE EXTINGUISHER CABINET, REFER TO FLOOR PLAN FOR ADDITIONAL INFORMATION



1 FIRST FLOOR CODE PLAN

SCALE: 1" = 50'-0"

PLUMBING FIXTURE COUNTS 2

USER GROUP	NUMBER OF USERS	USER PER GENDER	WATER CLOSETS		LAVATORIES		DRINKING FTNS.		SERVICE SINKS	
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
EDUCATIONAL (E)	3,050	1,525 M.	1/50 = 31	30 W.C. (EXIST) 31 URNL. (EXIST)	1/50 = 31	36 (EXIST)	1/100 = 31	38 (EXIST) 2 (NEW)	1	5 (EXIST)
		1,525 F.	1/50 = 31	74 W.C. (EXIST)	1/50 = 31	42 (EXIST)				
OFFICE (B)	200	100 M.	1/50 = 2	3 W.C. (EXIST)	1/80 = 2	3 (EXIST)	1/100 = 2	2 (EXIST)	1	1 (EXIST)
		100 F.	1/50 = 2	3 W.C. (EXIST)	1/80 = 2	3 (EXIST)				

BUILDING DESIGNED FOR 3,050 STUDENTS AND 200 STAFF

FAMILY TOILET ROOM/UNISEX:
ASSEMBLY AREAS - 1 REQUIRED, 1 PROVIDED (EXISTING)

TOILET FIXTURE COUNTS EXCLUDE FIXTURES LOCATED WITHIN LOCKER ROOMS, DRESSING ROOMS AND CLINICS.

ADDITIONAL RESTROOMS PROVIDED, BUT NOT INCLUDED IN TOTAL NUMBER OF FIXTURES ABOVE:
- (7) SINGLE-USER RESTROOMS (6 EXISTING, 1 NEW), ALL ASSOCIATED WITH EDUCATIONAL (E) OCCUPANCY.
- (1) NEW UNISEX RESTROOM (PROVIDING 3 W.C. AND 2 LAV.), ASSOCIATED WITH EDUCATIONAL (E OCCUPANCY).

BUILDING CODE INFORMATION

1. BUILDING DESCRIPTION: EXISTING HIGH SCHOOL

2. APPLICABLE CODE:
2012 INTERNATIONAL BUILDING CODE - INDIANA BUILDING CODE, 2014 EDITION (675 IAC 13-2.6)
2012 INTERNATIONAL FIRE CODE - INDIANA FIRE CODE, 2014 EDITION (675 IAC 22-2)
2012 INTERNATIONAL MECHANICAL CODE - INDIANA MECHANICAL CODE, 2014 EDITION (675 IAC 18-1.6)
2012 INTERNATIONAL PLUMBING CODE - INDIANA PLUMBING CODE, 2012 EDITION (675 IAC 16-1.4)
2012 INTERNATIONAL ELECTRICAL CODE - INDIANA ELECTRICAL CODE, 2009 EDITION [NFPA 70-2008] (675 IAC 17-1.8)
INDIANA ENERGY CONSERVATION CODE 2010 [ASHRAE 90.1, 2007 AMENDED] (672 IAC 19-4)
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

3. BUILDING AREA AND HEIGHT

A. OCCUPANCY/USE GROUP: A1, AUDITORIUM
A2, CAFETERIA / COMMONS (EXIST)
A3, GYMNASIUM (EXIST)
B, ADMINISTRATION (EXIST)
E, EDUCATIONAL NON SEPARATED USES (302.1)

B. CONSTRUCTION TYPE: IIB (601)

C. AREA LIMITATION: UNLIMITED
1. ACTUAL AREA:
TOTAL EXISTING BUILDING: 632,121 SF 2
RENOVATION AREA: 38,680 SF

D. HEIGHT LIMITATION: 4 STORY, 55'-0" (TABLE 503)
1. HEIGHT MODIFICATIONS: 5 STORY, 75'-0" (504.2)
2. ACTUAL HEIGHT: 2 STORY, 40'-9"

4. USE AND OCCUPANCY CLASSIFICATION INDIANA BUILDING CODE CHAPTER 3:
E - EDUCATION, B - BUSINESS, A1/A2/A3 - ASSEMBLY, A4 - ASSEMBLY

INCIDENTAL USE AREAS INDIANA BUILDING CODE SECTION AND TABLE 508.2

AUTO SPRINKLER SYSTEM SECTION

ACCESSORY USE AREAS INDIANA BUILDING CODE SECTION 508.3.1.

ACCESSORY OCCUPANCIES ARE THOSE OCCUPANCIES SUBSIDIARY TO THE MAIN OCCUPANCY OF THE BUILDING OR PORTION THEREOF. AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE AREA OF THE STORY IN TABLE 503 WITHOUT HEIGHT AND AREA INCREASES IN ACCORDANCE WITH SECTIONS 504 AND 506 FOR SUCH ACCESSORY OCCUPANCIES (2012 INTERNATIONAL BUILDING CODE)

AREA LIMITATION INDIANA BUILDING CODE SECTION 503

5. TYPE OF CONSTRUCTION INDIANA BUILDING CODE CHAPTER 6 (SEE TABLE)

TYPE IIB

FIRE SEPARATION DISTANCES INDIANA BUILDING CODE TABLE 602:

6. FIRE RESISTANCE RATED CONSTRUCTION INDIANA BUILDING CODE CHAPTER 7:

PENETRATIONS THROUGH FIRE-RESISTANCE-RATED ASSEMBLIES SHALL BE PROVIDED WITH FIRESTOPPING PER PROJECT MANUAL.

CEILING AND FLOOR OPENINGS THROUGH NON-FIRE-RESISTANCE-RATED ASSEMBLIES SHALL BE PROVIDED WITH FIREBLOCKING PER PROJECT MANUAL.

7. INTERIOR FINISHES TO COMPLY WITH INDIANA BUILDING CODE CHAPTER 8

8. FIRE PROTECTION SYSTEMS INDIANA BUILDING CODE CHAPTER 9:

THE ENTIRE EXISTING BUILDING IS PROTECTED WITH AN AUTOMATIC SPRINKLER SYSTEM

9. MEANS OF EGRESS INDIANA BUILDING CODE CHAPTER 10:

THE MEANS OF EGRESS REQUIREMENTS SHALL BE DETERMINED BY THE ACTUAL OR COMPUTED NUMBER OF OCCUPANTS WHICHEVER IS THE LARGEST NUMBER. REFER TO THE CODE PLANS FOR ROOM OCCUPANT LOADS. AREAS OR ROOMS WITH 50 OR MORE OCCUPANTS SHALL BE PROVIDED WITH TWO OR MORE MEANS OF EGRESS; 500 OR MORE OCCUPANTS SHALL BE PROVIDED WITH THREE OR MORE MEANS OF EGRESS; AND 1000 OR MORE OCCUPANTS SHALL BE PROVIDED WITH FOUR OR MORE MEANS OF EGRESS.

10. STRUCTURAL DESIGN LOADS:

REFER TO STRUCTURAL DRAWINGS FOR CODE REQUIREMENTS

BUILDING DESIGNED FOR:
3,050 STUDENTS AND 200 STAFF

XX — ROOM NUMBER
E — OCCUPANCY CLASSIFICATION - REFER TO KEY
45 — CALCULATED MAXIMUM OCCUPANT LOAD
XX — OCCUPANT SERVED
[XX] — MAXIMUM OCCUPANT SERVED BY EXIT

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2026 IMPROVEMENTS

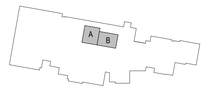
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KEY PLAN

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

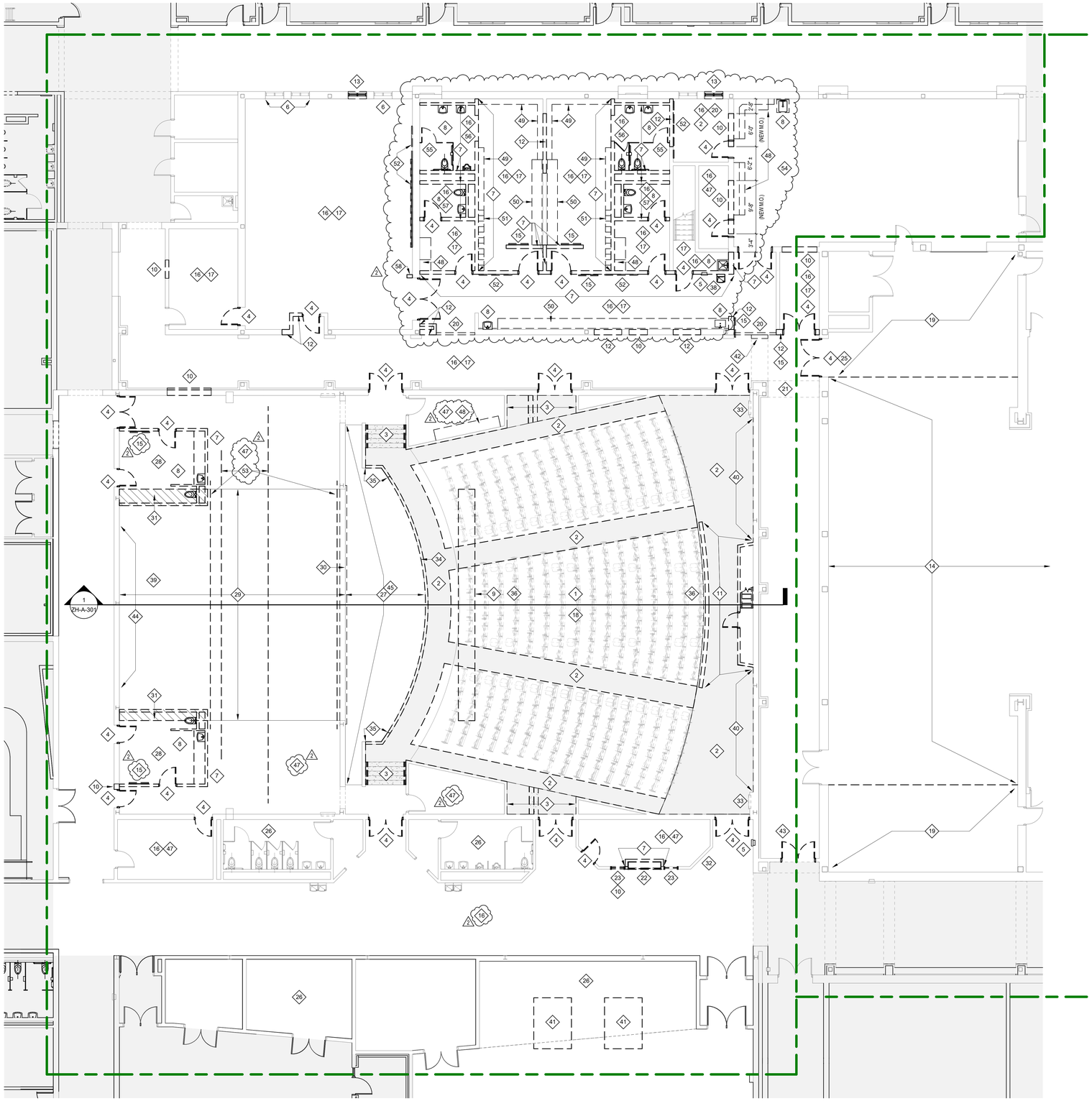
PROJECT MANAGER: JM
DRAWN BY: KT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM 2	01.08.2026

FIRST FLOOR CODE PLAN

ZH-AP101

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1 FIRST FLOOR DEMOLITION PLAN - UNIT A

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

33 REMOVE AND SALVAGE EXISTING FIRE EXTINGUISHER/HOSE CABINET FOR REINSTALLATION DURING NEW CONSTRUCTION. MATCH EXISTING LOCATION.

34 REMOVE EXISTING WOOD TRIM (ENTIRE LENGTH OF STAGE) AS REQUIRED TO ACCOMMODATE NEW TRIM. REMOVE EXISTING SAFETY LIGHT STRIP, REFER TO ELECTRICAL DRAWINGS. REFER TO DETAIL 14/ZH-A-902 FOR WOOD TRIM DEMO

35 REMOVE PORTION OF EXISTING WOOD TRIM, BLOCKING AND METAL STUD FRAMING AS REQUIRED TO ACCOMODATE NEW CONCRETE RAMP. REFER TO FLOOR PLAN FOR RAMP EXTENTS. REFER TO DETAIL 13/ZH-A-502

36 REMOVE PORTION OF EXISTING CONCRETE SLAB ON GRADE AS REQUIRED TO ACCOMMODATE NEW FLOOR / INFILL. REFER TO FLOOR PLAN AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

38 REMOVE EXISTING BOTTLE FILLER AND TURN OVER TO OWNER. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION. PATCH AND REPAIR ADJACENT WALL AND FLOOR SURFACES AND PREPARE TO ACCEPT NEW FINISHES

39 REMOVE SMOKE VENT MANUAL OPERATION EQUIPMENT AND ALL RELATED ACCESSORIES. REFER TO ROOF PLAN FOR ADDITIONAL DEMOLITION AT EXISTING SMOKE VENTS

40 REMOVE EXISTING ACOUSTICAL WALL FABRIC, BACKER AND METAL FURRING IN ITS ENTIRETY

41 REMOVE AND SALVAGE INSTRUMENT STORAGE UNITS FOR REINSTALLATION IN SAME LOCATION DURING NEW CONSTRUCTION, FOLLOWING THE ROOF WORK IN THIS AREA

42 EXISTING GWB BULKHEAD TO REMAIN (TYPICAL), MODIFY PORTION OF EXISTING BULKHEAD AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION

43 EXISTING FRAME TO REMAIN. REMOVE EXISTING DOOR(S) AND HARDWARE AND SALVAGE FOR REINSTALLATION DURING NEW CONSTRUCTION

44 REMOVE EXISTING MIRRORS, MOUNTING ACCESSORIES AND ADHESIVES. PATCH AND REPAIR ADJACENT WALL SURFACE AND PREPARE TO ACCEPT NEW FINISHES

45 REMOVE EXISTING CARPET AND TRANSITIONS AT ORCHESTRA PIT AND STAIRS (BELOW). REMOVE ADHESIVES DOWN TO EXISTING SLAB. PREPARE SURFACE TO RECEIVE NEW FINISHES

47 EXISTING CONCRETE FLOOR, PREPARE SURFACE TO ACCEPT NEW FINISHES AS SCHEDULED

△1 48 REMOVE EXISTING CASEWORK, SHELVING AND/OR MILLWORK ITEMS, ALONG WITH ALL RELATED ACCESSORIES. PATCH AND REPAIR ADJACENT WALL AND FLOOR SURFACES AND PREPARE TO ACCEPT NEW FINISHES

49 REMOVE EXISTING WALL RACK AND SHELVING, ALONG WITH ALL RELATED ACCESSORIES. PATCH AND REPAIR ADJACENT WALL SURFACES AND PREPARE TO ACCEPT NEW FINISHES

50 REMOVE EXISTING COUNTERTOP, CASEWORK, MAKE-UP MIRROR AND LIGHTING, ALONG WITH ALL RELATED ACCESSORIES. REFER TO E SERIES DRAWINGS FOR ASSOCIATED DEMOLITION. PATCH/REPAIR ADJACENT WALL AND FLOOR SURFACES AND PREPARE TO ACCEPT NEW FINISHES

51 REMOVE EXISTING METAL LOCKERS AND CONCRETE LOCKER BASE. PATCH AND REPAIR ADJACENT WALL AND FLOOR SURFACES AND PREPARE TO ACCEPT NEW FINISHES

52 REMOVE EXISTING DISPLAYBOARD(S), MOUNTING ACCESSORIES AND ADHESIVES. PATCH/REPAIR ADJACENT WALL SURFACE AND PREPARE TO ACCEPT NEW FINISHES

53 REMOVE EXISTING STAGE CURTAINS, OVERHEAD TRACK, ROPES, RIGGING AND ALL OTHER HARDWARE ASSOCIATED WITH THE EXISTING CURTAINS. REFER TO E SERIES DRAWINGS FOR NEW STAGE CURTAIN/RIGGING LAYOUT

54 EXISTING CONCRETE FLOOR, PREPARE SURFACE TO ACCEPT NEW FINISHES AS SCHEDULED. REMOVE EXISTING WALL BASE (TYPICAL)

55 REMOVE EXISTING TOILET PARTITIONS IN THEIR ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR SURFACES

56 REMOVE EXISTING CERAMIC TILE FLOORING, MORTAR AND GROUT. REMOVE EXISTING CERAMIC TILE WALL BASE AND TRANSITIONS. REMOVE MORTAR DOWN TO EXISTING SLAB AND PREPARE SURFACE TO ACCEPT NEW FINISHES

57 REMOVE EXISTING CERAMIC TILE FLOORING AND CERAMIC WALL TILE (ALL WALLS), ALONG WITH MORTAR AND GROUT. REMOVE EXISTING CERAMIC TILE WALL BASE AND TRANSITIONS. REMOVE MORTAR DOWN TO EXISTING SLAB. PATCH AND REPAIR ADJACENT FLOOR AND WALL SURFACES AND PREPARE SURFACE TO ACCEPT NEW FINISHES

58 REMOVE EXISTING METAL STUD WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. PATCH AND REPAIR ADJACENT WALL(S) TO REMAIN AND PREPARE TO ACCEPT NEW FINISHES

ARCHITECTURAL DEMOLITION GENERAL NOTES

A. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD CONDITIONS. REPORT DISCREPANCIES TO THE ARCHITECT.

B. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS. UNLESS NOTED OTHERWISE.

C. "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS ADHESIVE RESIDUES, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS.

D. WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" (MIN.) BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB). PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

E. WHEN OPENINGS ARE CUT INTO AN EXISTING WALL, THE OPENING SHALL BE A MINIMUM OF 1'-4" LONGER THAN THE FINISHED OPENING REQUIRED TO ALLOW FOR 8" (MIN) OF NEW CMU TOOTHED-IN AT EDGES.

F. AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.

G. MECHANICAL AND ELECTRICAL ITEMS THAT ARE CAPPED AND ABANDONED SHALL BE LOCATED BEHIND FINAL FINISH SYSTEMS.

H. COORDINATE THIS WORK WITH DEMOLITION WORK ON SITE, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL.

I. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

J. CONTRACTOR TO FIELD VERIFY PORTIONS OR SECTIONS OF EXISTING WALLS TO BE FILLED IN AND SALVAGE NECESSARY MATERIAL.

K. MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.

L. OWNER TO REMOVE EXISTING FURNITURE AND MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.

M. ITEMS TO BE PATCHED. REMOVE ALL LOOSE OR DAMAGED MATERIAL. REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.

N. THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.

O. "TURNED OVER TO THE OWNER" DENOTES: 1) TAG AND IDENTIFY ITEMS: 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER.

P. ITEMS MADE OBSOLETE TO ACCOMODATE NEW CONSTRUCTION OR RENOVATION SHALL BE REMOVED.

Q. ITEMS TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY.

R. AFTER REMOVAL OF ITEMS, THE EXISTING WALL SURFACES (IF EXPOSED) SHALL BE REPAIRED/PATCHED AS REQUIRED TO RECEIVE NEW FINISHES.

DEMOLITION PLAN NOTES

△1 (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 REMOVE EXISTING AUDITORIUM SEATING IN ITS ENTIRETY (395 SEATS). PATCH AND REPAIR EXISTING FLOOR SURFACE AND PREPARE TO ACCEPT NEW FINISHES AS SCHEDULED

2 REMOVE EXISTING CARPET, WALL BASE AND TRANSITIONS. REMOVE ADHESIVES DOWN TO EXISTING SLAB. PREPARE SURFACE TO ACCEPT NEW FINISHES AS SCHEDULED

3 REMOVE EXISTING CONCRETE STEPS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. REMOVE EXISTING HANDRAILS IN THEIR ENTIRETY

4 REMOVE EXISTING DOOR(S) AND FRAME, ALONG WITH ALL RELATED ACCESSORIES

5 REMOVE EXISTING FIRE EXTINGUISHER CABINET AND SALVAGE FOR REINSTALLATION DURING NEW CONSTRUCTION. REFER TO FLOOR PLAN FOR NEW LOCATION

6 REMOVE EXISTING WINDOW BLINDS AND WINDOW FILM IN ITS ENTIRETY

△2 8 REMOVE EXISTING MASONRY WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. REFER TO MEPT SERIES DRAWINGS FOR REMOVAL OF ASSOCIATED ITEMS

8 REMOVE EXISTING PLUMBING FIXTURE(S), ALONG WITH ALL RELATED ACCESSORIES. REFER TO PLUMBING DRAWINGS FOR REMOVAL OF ASSOCIATED ITEMS AND PATCH/REPAIR OF ADJACENT WALL AND FLOOR SURFACES

9 REMOVE EXISTING CATWALK ABOVE IN ITS ENTIRETY, REFER TO BUILDING SECTION

10 PROVIDE OPENING IN EXISTING MASONRY WALL AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION, REFER TO FLOOR PLAN FOR EXTENTS

11 REMOVE EXISTING CONTROL BOOTH IN ITS ENTIRETY, INCLUDING, BUT NOT LIMITED TO: WALLS, FLOOR, STRUCTURAL FRAMING, CEILINGS, STAIR

12 REMOVE PORTION OF EXISTING MASONRY WALL (FULL-HEIGHT) AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION, REFER TO FLOOR PLAN FOR EXTENTS

13 REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY. EXISTING BRICK/CMU TO REMAIN AT JAMBS AND HEAD, ALONG WITH ALL EXISTING LINTELS. REMOVE EXISTING BRICK/CMU AT SILL TO ACCOMMODATE NEW DOOR/FLOOR SLAB INFILL

△2 14 REMOVE EXISTING RESILIENT WALL BASE AND LINOLEUM STAGE FINISH, ALONG WITH PLYWOOD UNDERLAYMENT AND TOP LAYER OF 3/4" PLYWOOD SHEATHING. EXISTING SLEEPERS AND BOTTOM LAYER OF 3/4" PLYWOOD SHEATHING TO REMAIN. PREPARE TO ACCEPT NEW FLOORING ASSEMBLY DURING NEW CONSTRUCTION

15 REMOVE EXISTING MONITOR, ALONG WITH ALL RELATED ACCESSORIES. TURN OVER MONITOR TO OWNER.

16 REMOVE EXISTING LAY-IN CEILING AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. REMOVE EXISTING LIGHTING AND CEILING MOUNTED DEVICES AS REQUIRED, COORDINATE WITH M.E.P.T SERIES DRAWINGS

△2 17 REMOVE EXISTING VCT, TILE FLOORING, WALL BASE AND TRANSITIONS. REMOVE ADHESIVES DOWN TO EXISTING SLAB. PREPARE SURFACE TO RECEIVE NEW FINISHES

18 REMOVE EXISTING GWB CEILING, ALONG WITH ALL RELATED ACCESSORIES. REMOVE EXISTING LIGHTING AND CEILING MOUNTED DEVICES AS REQUIRED, COORDINATE WITH M.E.P.T SERIES DRAWINGS

19 REMOVE EXISTING RESILIENT WALL BASE, PREP SURFACE FOR NEW BASE AS SCHEDULED

20 REMOVE EXISTING GWB BULKHEAD AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. REMOVE EXISTING MEPT ITEMS AS REQUIRED, COORDINATE WITH M.E.P.T SERIES DRAWINGS

21 EXISTING GWB BULKHEAD TO REMAIN

22 REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY. TURN OVER DISPLAY ITEMS TO OWNER.

23 REMOVE EXISTING COILING COUNTER DOOR IN ITS ENTIRETY

25 REMOVE PORTION OF EXISTING MASONRY WALL ABOVE OPENING AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW DOOR

26 REMOVE AND REINSTALL EXISTING CEILING GRID AND TILES AS REQUIRED TO ACCOMMODATE ACCESS DURING NEW CONSTRUCTION. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

27 REMOVE EXISTING PIT FILLER DECKS IN THEIR ENTIRETY. EXISTING PIT FILLER SUPPORT FRAMING TO REMAIN AND ACCEPT NEW DECKS DURING NEW CONSTRUCTION

28 REMOVE EXISTING OVERHEAD "CAT" CONSTRUCTION IN ITS ENTIRETY (INCLUDING FRAMING, FENCING AND ALL RELATED ITEMS)

29 REMOVE EXISTING T&G WOOD FLOORING AND 3/4" PLYWOOD SHEATHING. EXISTING SLEEPERS TO REMAIN, PREPARE SURFACE TO ACCEPT NEW FLOORING ASSEMBLY DURING NEW CONSTRUCTION

30 REMOVE EXISTING PROSCENIUM BULKHEAD IN ITS ENTIRETY. EXISTING STRUCTURAL STEEL FRAMING AND CMU WALL TO REMAIN. REMOVE EXISTING PROJECTION SCREEN, ALONG △2 WITH ALL RELATED ACCESSORIES. COORDINATE WITH E AND T SERIES DRAWINGS

31 REMOVE PORTION OF EXISTING CONCRETE FLOOR SLAB AS REQUIRED TO ACCOMMODATE INFILL OF NEW STAGE FLOOR ASSEMBLY (HATCH INDICATES EXTENTS)

32 REMOVE AND SALVAGE EXISTING WALL PLAQUE FOR REINSTALLATION DURING NEW CONSTRUCTION. REFER TO EQUIPMENT PLAN FOR NEW LOCATION.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204

A B

N

KEY PLAN

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM

DRAWN BY: KT

PROJECT NUMBER: 224035.00

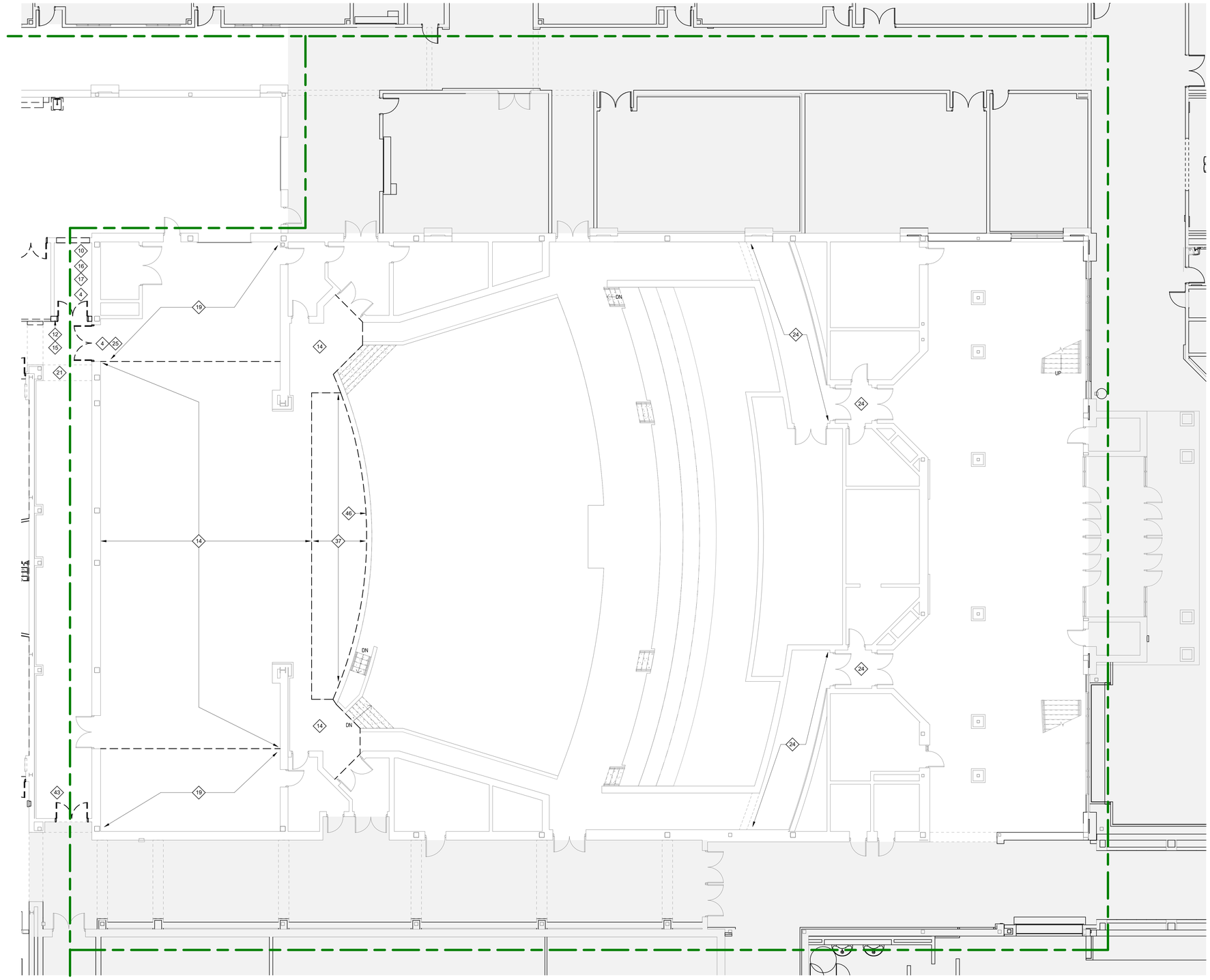
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
△2	ADDENDUM 2	01.08.2026

FIRST FLOOR DEMOLITION PLAN - UNIT A

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1 FIRST FLOOR DEMOLITION PLAN - UNIT B

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

ARCHITECTURAL DEMOLITION GENERAL NOTES

A. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD CONDITIONS. REPORT DISCREPANCIES TO THE ARCHITECT.
B. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.
C. "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS ADHESIVE RESIDUES, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS.
D. WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" (MIN.) BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB). PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
E. WHEN OPENINGS ARE CUT INTO AN EXISTING WALL, THE OPENING SHALL BE A MINIMUM OF 1'-4" LONGER THAN THE FINISHED OPENING REQUIRED TO ALLOW FOR 8" (MIN) OF NEW CMU TOOTHED-IN AT EDGES.
F. AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
G. MECHANICAL AND ELECTRICAL ITEMS THAT ARE CAPPED AND ABANDONED SHALL BE LOCATED BEHIND FINAL FINISH SYSTEMS.
H. COORDINATE THIS WORK WITH DEMOLITION WORK ON SITE, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL.
I. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
J. CONTRACTOR TO FIELD VERIFY PORTIONS OR SECTIONS OF EXISTING WALLS TO BE FILLED IN AND SALVAGE NECESSARY MATERIAL.
K. MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.
L. OWNER TO REMOVE EXISTING FURNITURE AND MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.
M. ITEMS TO BE PATCHED. REMOVE ALL LOOSE OR DAMAGED MATERIAL. REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.
N. THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
O. "TURNED OVER TO THE OWNER" DENOTES: 1) TAG AND IDENTIFY ITEMS: 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER.
P. ITEMS MADE OBSOLETE TO ACCOMODATE NEW CONSTRUCTION OR RENOVATION SHALL BE REMOVED.
Q. ITEMS TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY.
R. AFTER REMOVAL OF ITEMS, THE EXISTING WALL SURFACES (IF EXPOSED) SHALL BE REPAIRED/PATCHED AS REQUIRED TO RECEIVE NEW FINISHES.

DEMOLITION PLAN NOTES

1

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

4 REMOVE EXISTING DOOR(S) AND FRAME, ALONG WITH ALL RELATED ACCESSORIES
10 PROVIDE OPENING IN EXISTING MASONRY WALL AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION, REFER TO FLOOR PLAN FOR EXTENTS
12 REMOVE PORTION OF EXISTING MASONRY WALL (FULL-HEIGHT) AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION, REFER TO FLOOR PLAN FOR EXTENTS
2 14 REMOVE EXISTING RESILIENT WALL BASE AND LINOLEUM STAGE FINISH, ALONG WITH PLYWOOD UNDERLAYMENT AND TOP LAYER OF 3/4" PLYWOOD SHEATHING. EXISTING SLEEPERS AND BOTTOM LAYER OF 3/4" PLYWOOD SHEATHING TO REMAIN. PREPARE TO ACCEPT NEW FLOORING ASSEMBLY DURING NEW CONSTRUCTION.
15 REMOVE EXISTING MONITOR, ALONG WITH ALL RELATED ACCESSORIES. TURN OVER MONITOR TO OWNER.
16 REMOVE EXISTING LAY-IN CEILING AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. REMOVE EXISTING LIGHTING AND CEILING MOUNTED DEVICES AS REQUIRED, COORDINATE WITH M.E.P.T SERIES DRAWINGS
17 REMOVE EXISTING VINYL TILE FLOORING, WALL BASE AND TRANSITIONS. REMOVE ADHESIVES DOWN TO EXISTING SLAB. PREPARE SURFACE TO RECEIVE NEW FINISHES
19 REMOVE EXISTING RESILIENT WALL BASE, PREP SURFACE FOR NEW BASE AS SCHEDULED
21 EXISTING GWB BULKHEAD TO REMAIN
24 EXISTING CEILING GRID TO REMAIN. REMOVE EXISTING CEILING TILES AND PROVIDE NEW TILES IN EXISTING GRID, DURING NEW CONSTRUCTION. REMOVE EXISTING LIGHTING AND CEILING MOUNTED DEVICES AS REQUIRED, COORDINATE WITH M.E.P.T SERIES DRAWINGS
25 REMOVE PORTION OF EXISTING MASONRY WALL ABOVE OPENING AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW DOOR
37 REMOVE EXISTING LINOLEUM FLOORING AT ORCHESTRA PIT LIFT, ALONG WITH PLYWOOD UNDERLAYMENT AND 3/4" PLYWOOD SHEATHING. EXISTING SLEEPERS TO REMAIN. PREPARE TO ACCEPT NEW FLOORING ASSEMBLY DURING NEW CONSTRUCTION
43 EXISTING FRAME TO REMAIN. REMOVE EXISTING DOOR(S) AND HARDWARE AND SALVAGE FOR REINSTALLATION DURING NEW CONSTRUCTION
46 REMOVE EXISTING SAFETY LIGHT STRIP, REFER TO ELECTRICAL DRAWINGS. EXISTING FACE-MOUNTED 1x WOOD TRIM TO REMAIN, AT PERIMETER OF ORCHESTRA PIT OPENING (TYPICAL)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

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ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: KT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM 2	01.08.2026

FIRST FLOOR DEMOLITION PLAN - UNIT B

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1 FIRST FLOOR REFLECTED CEILING PLAN - UNIT A

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

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
A101	C205	AUDITORIUM	4,393 SF
A102	C205G	SOUND BOOTH	144 SF
A103	C205B	STORAGE	129 SF
A104	C205 F	STORAGE	129 SF
A105	-	STAGE	3,703 SF
A106	C3	CORRIDOR	1,538 SF
A107	C141	REHEARSAL ROOM	1,223 SF
A108		MAKE-UP / DRESSING ROOM	1,996 SF
A109		TOILET / CHANGING ROOM	51 SF
A110		STAFF TOILET	51 SF
A111	C3 MZ	MEZZANINE ACCESS	118 SF
A112	C131	SCENE SHOP	1,170 SF
A113	-	RESTROOM	155 SF
A114	C1	CORRIDOR	1,914 SF
A115		WORKROOM	104 SF
A116	C143	OFFICE	107 SF
A117	C205C	STAGE PREP	188 SF
A118	C5	CORRIDOR	1,946 SF
A119	C205A	VIDEO PRODUCTION ROOM	190 SF
A120	C6	CORRIDOR	913 SF
A121	C4	CORRIDOR	4,045 SF
A122	C206F	VOCAL STORAGE	171 SF
A123	C206E	RISER STORAGE	263 SF
A124	C204F	BAND STORAGE/PERCUSSION	357 SF
A125		INSTRUMENTS	554 SF
B101	C203	PAC	7,933 SF
B102	C209C	STAGE	4,675 SF
B103		PIANO STORAGE	81 SF

REFLECTED CEILING PLAN NOTES

A. PROVIDE REVEAL DRYWALL TRIM AT ALL LOCATIONS WHERE GYPSUM WALL BOARD (GWB) ABUTS A DISSIMILAR MATERIAL. TYPICAL UNLESS NOTED OTHERWISE. REFER TO DETAIL ??-A9.1.

B. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT TO THE ROOF DECK

REFLECTED CEILING NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 NEW ACOUSTICAL CLOUDS (TYPICAL)
2 OPEN TO STRUCTURE ABOVE
3 REMOVE AND REINSTALL EXISTING CEILING GRID AND TILES AS REQUIRED TO ACCOMMODATE ACCESS DURING NEW CONSTRUCTION. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
4 GWB BULKHEAD, REFER TO 1/ZH-A-520
5 GWB BULKHEAD, REFER TO 2/ZH-A-520
6 GWB BULKHEAD, REFER TO 1/ZH-A-310
7 GWB BULKHEAD, REFER TO 3/ZH-A-520
8 GWB BULKHEAD, REFER TO 4/ZH-A-520
9 GWB BULKHEAD, REFER TO 5/ZH-A-520
10 GWB BULKHEAD, REFER TO 6/ZH-A-520
11 EXISTING/MODIFIED GWB BULKHEAD, REFER TO 7/ZH-A-520
13 GWB BULKHEAD, REFER TO 8/ZH-A-520
14 NEW PROSCENIUM BULKHEAD, REFER TO 9/ZH-A-520
15 FACE OF GWB BULKHEAD TO ALIGN WITH EDGE OF NEW FRAMED DECORATIVE PANEL SYSTEM, BELOW
16 FACE OF NEW BULKHEAD TO ALIGN WITH FACE OF ADJACENT EXISTING WALL, FIELD VERIFY
17 GWB BULKHEAD, REFER TO 10/ZH-A-520
20 CEILING WORK IS PART OF A SEPARATE CONTRACT AT THIS LOCATION (UNO)

REFLECTED CEILING PLAN LEGEND

- 10'-4" — INDICATES ELEVATION HEIGHT
- XX'-XX" — INDICATES CEILING HEIGHT
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- CLOCK - REFER TO TECHNOLOGY DRAWINGS
- MECHANICAL DIFFUSER - REFER TO MECHANICAL DRAWINGS
- MECHANICAL RETURN AIR GRILLE - REFER TO MECHANICAL DRAWINGS
- CEILING MOUNTED MECHANICAL UNIT - REFER TO MECHANICAL DRAWINGS
- MECHANICAL UNIT HEATER - REFER TO MECHANICAL DRAWINGS
- IC — RECESSED CEILING SPEAKER
- M — MOTION DETECTOR
- CEILING MOUNTED EXIT LIGHT
- CAM — CEILING MOUNTED CAMERA
- W — WIRELESS ACCESS POINT (WAP)
- CJ — CONTROL JOINT IN GYPSUM BOARD CEILING OR BULKHEAD
- S — LOUDSPEAKER
- H — FIRE ALARM HEAT DETECTOR
- F — FIRE ALARM HORN STROBE
- S — FIRE ALARM SPEAKER STROBE
- V — FIRE ALARM STROBE
- P — FIRE ALARM SMOKE DETECTOR
- OCCUPANCY SENSOR
- ACOUSTICAL CEILING TILE (ACT)
- ACOUSTICAL CEILING TILE (ACT)
- GYPSUM WALL BOARD BULKHEAD / CEILING

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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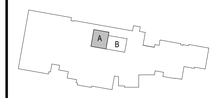
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KEY PLAN

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: KT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM 2	01.08.2026

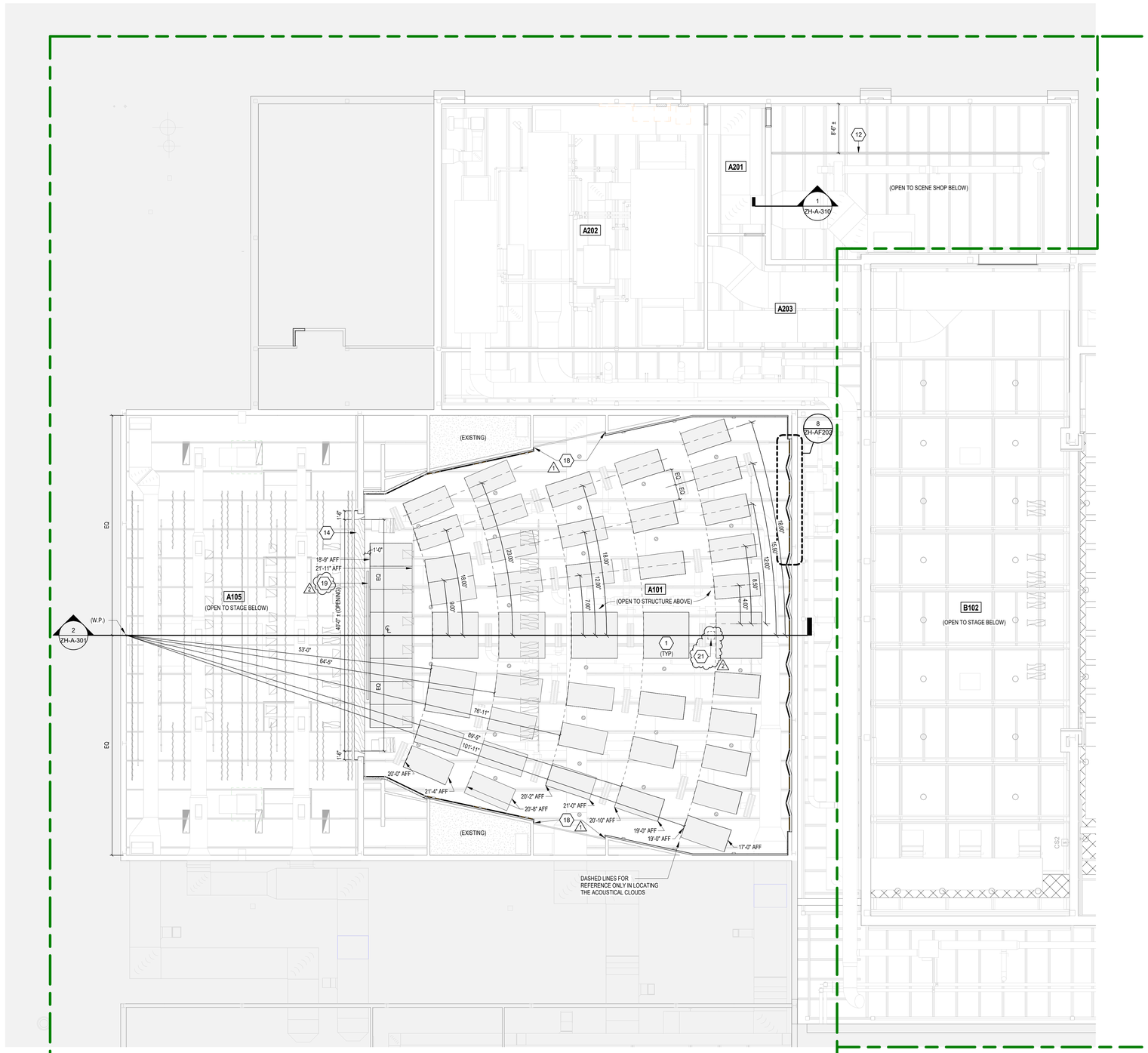
FIRST FLOOR REFLECTED CEILING PLAN - UNIT A

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ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
A101	C205	AUDITORIUM	4,393 SF
A105	-	STAGE	3,703 SF
A201		MEZZANINE ACCESS	219 SF
A202		MECHANICAL MEZZANINE	1,916 SF
A203		STORAGE	439 SF
A204		STORAGE	188 SF
B101	C203	PAC	7,933 SF
B102	C203C	STAGE	4,675 SF



1 SECOND FLOOR REFLECTED CEILING PLAN - UNIT A

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

REFLECTED CEILING PLAN NOTES

A. PROVIDE REVEAL DRYWALL TRIM AT ALL LOCATIONS WHERE GYPSUM WALL BOARD (GWB) ABUTS A DISSIMILAR MATERIAL. TYPICAL UNLESS NOTED OTHERWISE. REFER TO DETAIL ??-A9.1.

B. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT TO THE ROOF DECK

REFLECTED CEILING NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 NEW CURVED 4'X8' ACOUSTICAL CLOUDS (TYPICAL). AC-1

12 NEW 1/2 TON ELECTRIC TROLLEY HOIST ASSEMBLY AND STEEL HOIST BEAM. REFER TO STRUCTURAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION. COORDINATE FINAL HOIST/BEAM LOCATION WITH EXISTING LIGHTING AND DUCTWORK, FIELD VERIFY

1 14 NEW PROSCENIUM BULKHEAD, REFER TO 9/ZH-A-520

2 18 AT EXISTING GWB BULKHEAD, EXTEND GWB UP TO B.I STEEL JOISTS WITH NEW GWB ON EXISTING METAL STUDS (ALIGN AND MATCH EXISTING)

19 CEILING-MOUNTED PROJECTION SCREEN, REFER TO EQUIPMENT DRAWINGS

21 CEILING-MOUNTED PROJECTOR (PROVIDED BY OWNER). REFER TO T SERIES DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION IN THE FIELD

REFLECTED CEILING PLAN LEGEND

- 10'-4" — INDICATES ELEVATION HEIGHT
- XX'-XX" — INDICATES CEILING HEIGHT
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- CLOCK - REFER TO TECHNOLOGY DRAWINGS
- MECHANICAL DIFFUSER - REFER TO MECHANICAL DRAWINGS
- MECHANICAL RETURN AIR GRILLE - REFER TO MECHANICAL DRAWINGS
- CEILING MOUNTED MECHANICAL UNIT - REFER TO MECHANICAL DRAWINGS
- MECHANICAL UNIT HEATER - REFER TO MECHANICAL DRAWINGS
- (C) RECESSED CEILING SPEAKER
- (M) MOTION DETECTOR
- CEILING MOUNTED EXIT LIGHT
- (CAM) CEILING MOUNTED CAMERA
- (W) WIRELESS ACCESS POINT (WAP)
- CJ CONTROL JOINT IN GYPSUM BOARD CEILING OR BULKHEAD
- (S) LOUDSPEAKER
- (H) FIRE ALARM HEAT DETECTOR
- (F) FIRE ALARM HORN STROBE
- (S) FIRE ALARM SPEAKER STROBE
- (V) FIRE ALARM STROBE
- (P) FIRE ALARM SMOKE DETECTOR
- OCCUPANCY SENSOR
- ACOUSTICAL CEILING TILE (ACT)
- ACOUSTICAL CEILING TILE (ACT)
- GYPSUM WALL BOARD BULKHEAD / CEILING

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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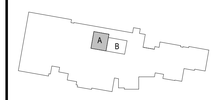
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KEY PLAN

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

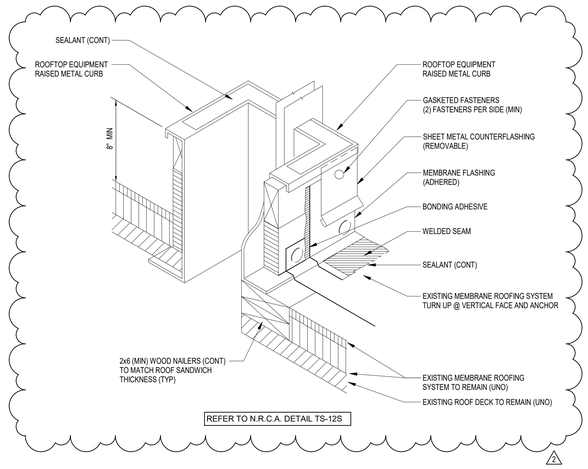
PROJECT MANAGER: JM
DRAWN BY: KT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	12.22.2025
2	ADDENDUM 2	01.08.2026

SECOND FLOOR REFLECTED CEILING PLAN - UNIT A

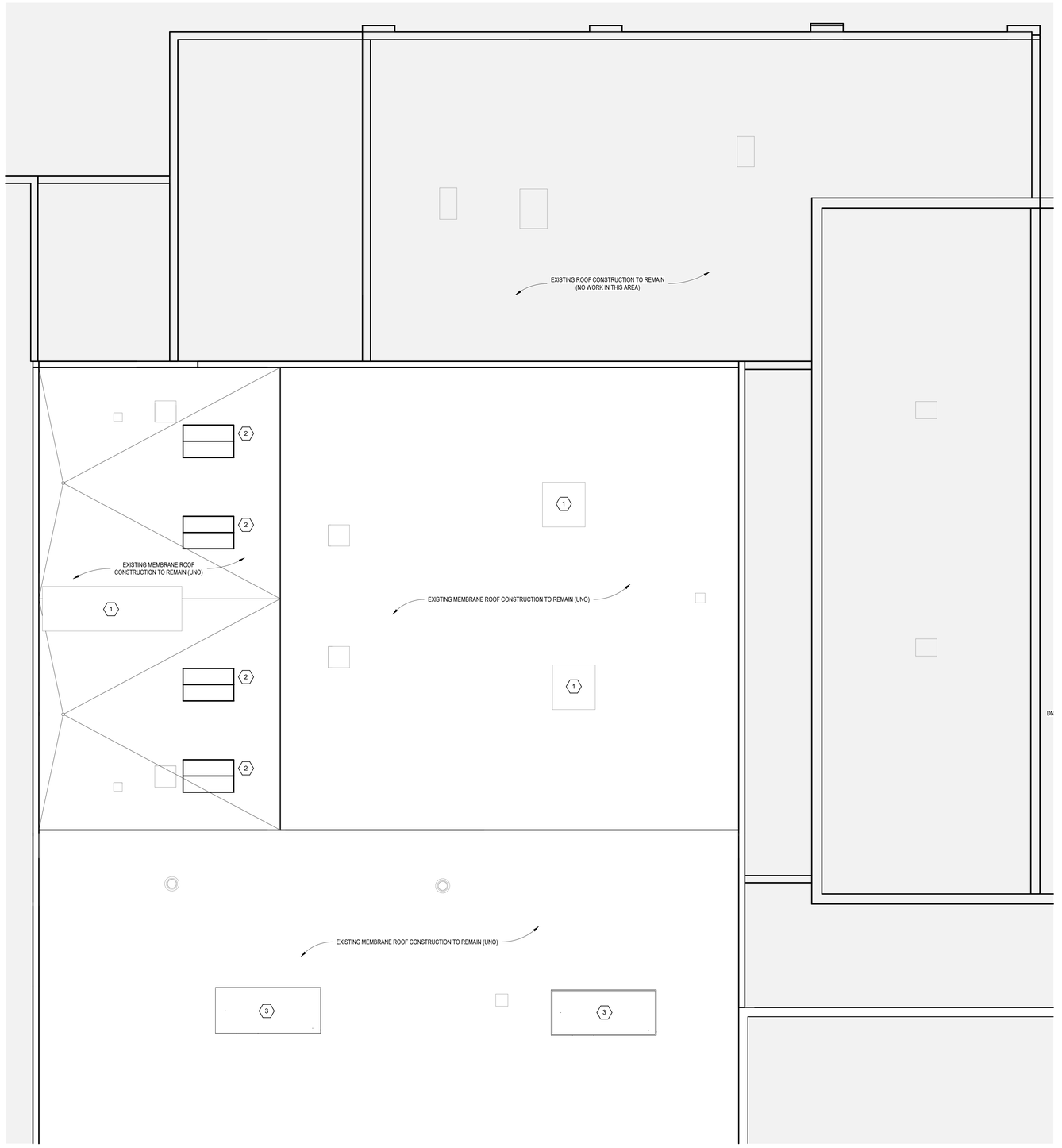
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2 PREFABRICATED ROOF CURB

SCALE: 12" = 1'-0"



1 ROOF PLAN - UNIT A

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

ROOF PLAN GENERAL NOTES

A. ALL DETAILS SHOWN ARE FOR GENERAL INFORMATION. ALL FINAL FLASHING CONDITIONS SHALL BE THE RESPONSIBILITY OF THE ROOF INSTALLER, AND SHALL MEET APPROVAL OF ROOF MANUFACTURER.

B. ALL DETAIL MODIFICATIONS MUST HAVE SHOP DRAWINGS APPROVAL. CONTRACTOR SHALL INSPECT AND VERIFY ALL EXISTING FIELD CONDITIONS, CLEARANCES, AND DIMENSIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT ARCHITECT BEFORE PROCEEDING WITH ANY FURTHER WORK.

C. PROVIDE FLASHING AND SADDLES FOR ALL EQUIPMENT PROVIDED UNDER MECHANICAL.

D. SADDLES AND TAPERED INSULATION SYMBOLS INDICATE DESIGN INTENT TO SLOPE TO DRAIN. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS FOR TAPERED INSULATION AND SADDLES TO INSURE POSITIVE SLOPE.

E. THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, SCUPPERS, AND DOWNSPOUTS FROM DEBRIS CREATED DURING DEMOLITION AND CONSTRUCTION. THE ROOF CONTRACTOR SHALL INSPECT AND CLEAR ALL DRAINS, SCUPPERS, AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND ARE FUNCTIONING PROPERLY.

F. MECHANICAL, ELECTRICAL AND PLUMBING INFORMATION SHOWN ON THIS PLAN IS GENERAL IN NATURE. REFER TO P, M AND E DRAWINGS FOR FURTHER INFORMATION AND COORDINATE ALL REQUIRED ROOF OPENINGS OR ROOF MOUNTED EQUIPMENT.

ROOF PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. EXISTING ROOF CURB TO REMAIN AT ROOFTOP UNIT DEMO, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
2. REMOVE EXISTING SMOKE VENT AND CURB, ALONG WITH ALL RELATED ACCESSORIES, AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PROVIDE NEW HEAT/SMOKE VENT AND CURB IN SAME LOCATION, MATCH EXISTING VENT SIZE (5'-0" x 8'-0", FIELD VERIFY). INSTALL NEW CURB PER DETAIL 2/ZH-AR101
3. REFER TO MECHANICAL DRAWINGS FOR REMOVAL AND REPLACEMENT OF EXISTING ROOF CURB, NEW ROOF CURB AND MECHANICAL UNIT BY THAT CONTRACTOR. PROVIDE NEW METAL COUNTERFLASHING AND MEMBRANE FLASHING AT NEW ROOF CURB AND SEAL TO EXISTING MEMBRANE ROOFING TO MAKE WATERTIGHT, PER DETAIL 2/ZH-AR101

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

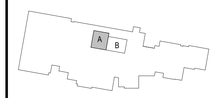
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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

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ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10900161 STATE OF INDIANA ARCHITECT

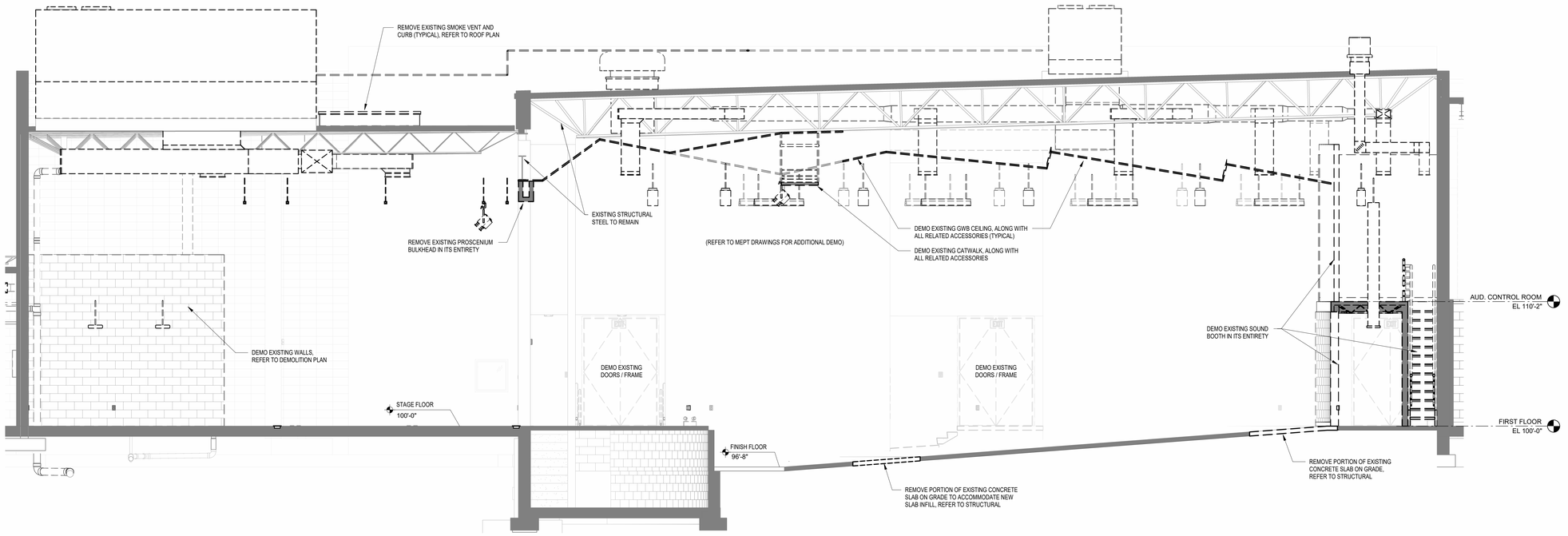
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DRAWN BY: KT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM 2	01.08.2026

ROOF PLAN

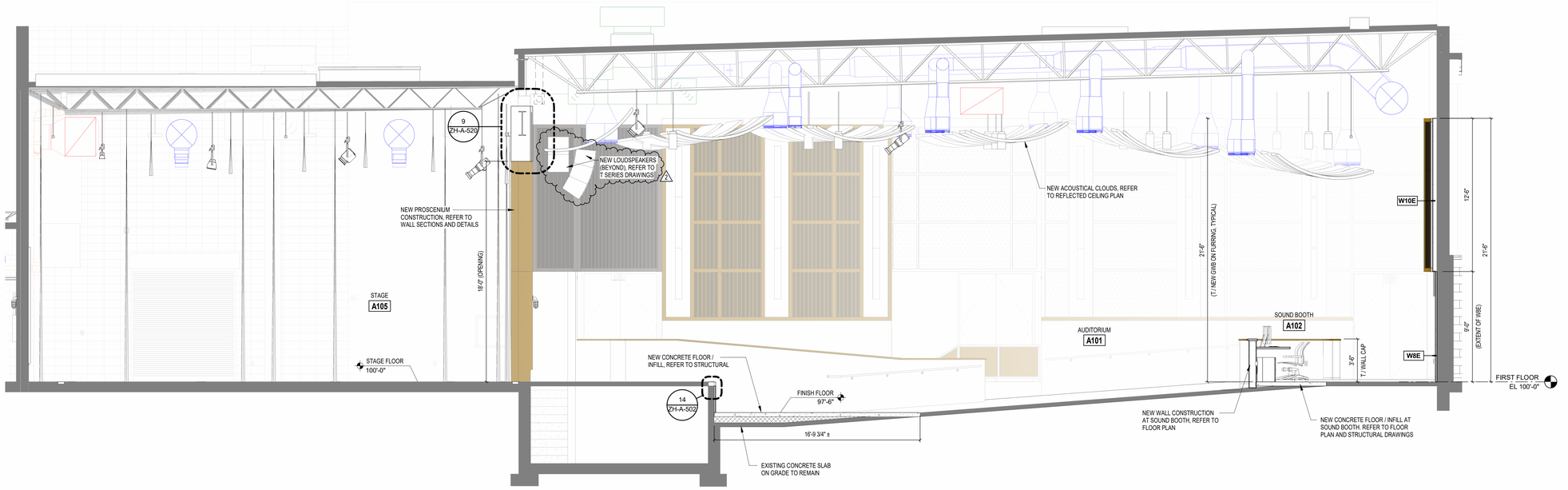
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1 AUDITORIUM SECTION - DEMO

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



2 AUDITORIUM SECTION - NEW

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

VERIFICATION NOTE

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2026 IMPROVEMENTS

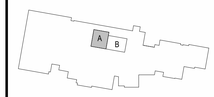
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KEY PLAN

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PAULA A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

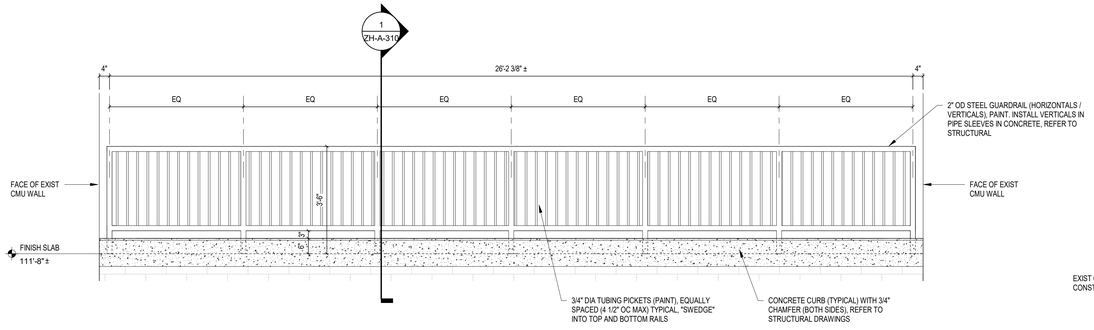
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DRAWN BY: KT
PROJECT NUMBER: 224035.00
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REV. NO.	DESCRIPTION	DATE
2	ADDENDUM 2	01.08.2026

BUILDING SECTIONS

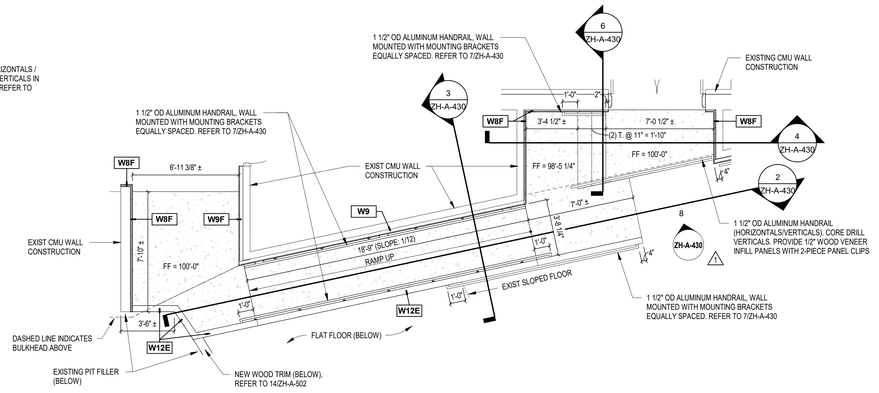
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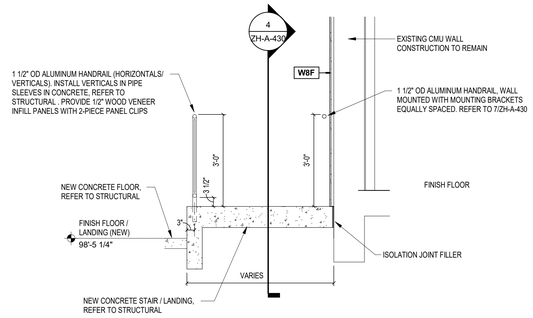
5 ELEVATION - STORAGE (A204) GUARDRAIL

SCALE: 1/2" = 1'-0"



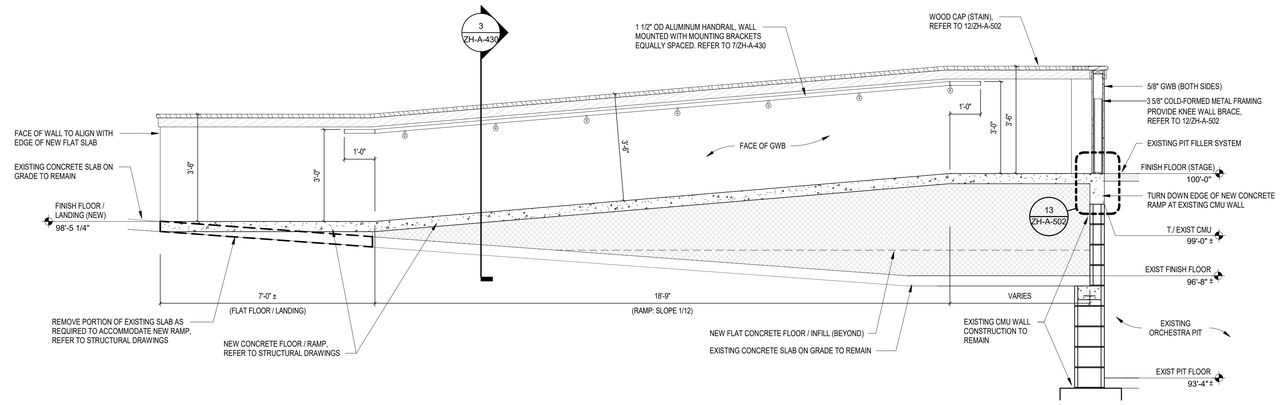
1 ENLARGED PLAN - AUDITORIUM RAMP / STAIR

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



6 SECTION - AUDITORIUM STAIR

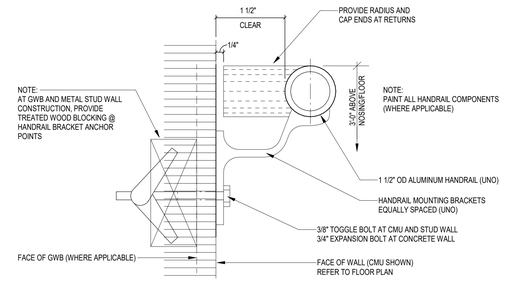
SCALE: 1/2" = 1'-0"



2 SECTION - RAMP TO STAGE

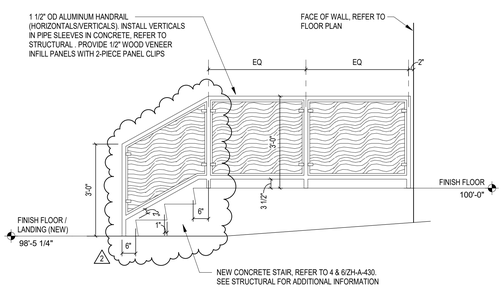
SCALE: 1/2" = 1'-0"

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7 HANDRAIL TERMINATION - WALL MOUNT

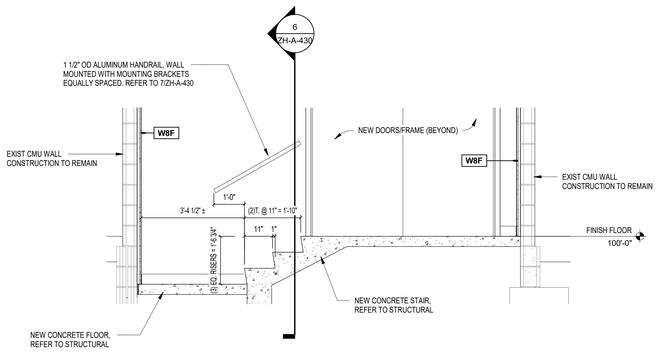
SCALE: 6" = 1'-0"



8 ELEVATION - STAIR HANDRAIL

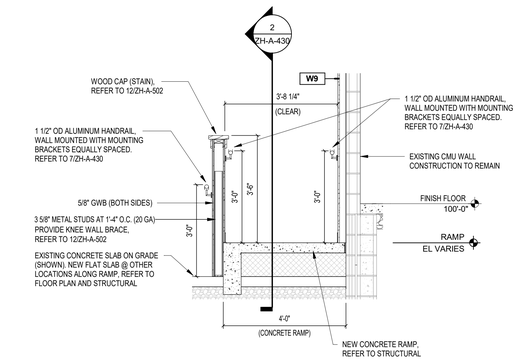
SCALE: 1/2" = 1'-0"

△1



4 SECTION - AUDITORIUM STAIR

SCALE: 1/2" = 1'-0"



3 SECTION - RAMP TO STAGE

SCALE: 1/2" = 1'-0"

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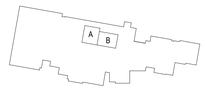
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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

N

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: KT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	12.22.2025
2	ADDENDUM 2	01.08.2026

VERIFICATION NOTE

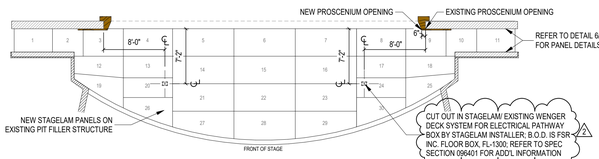
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VERTICAL CIRCULATION

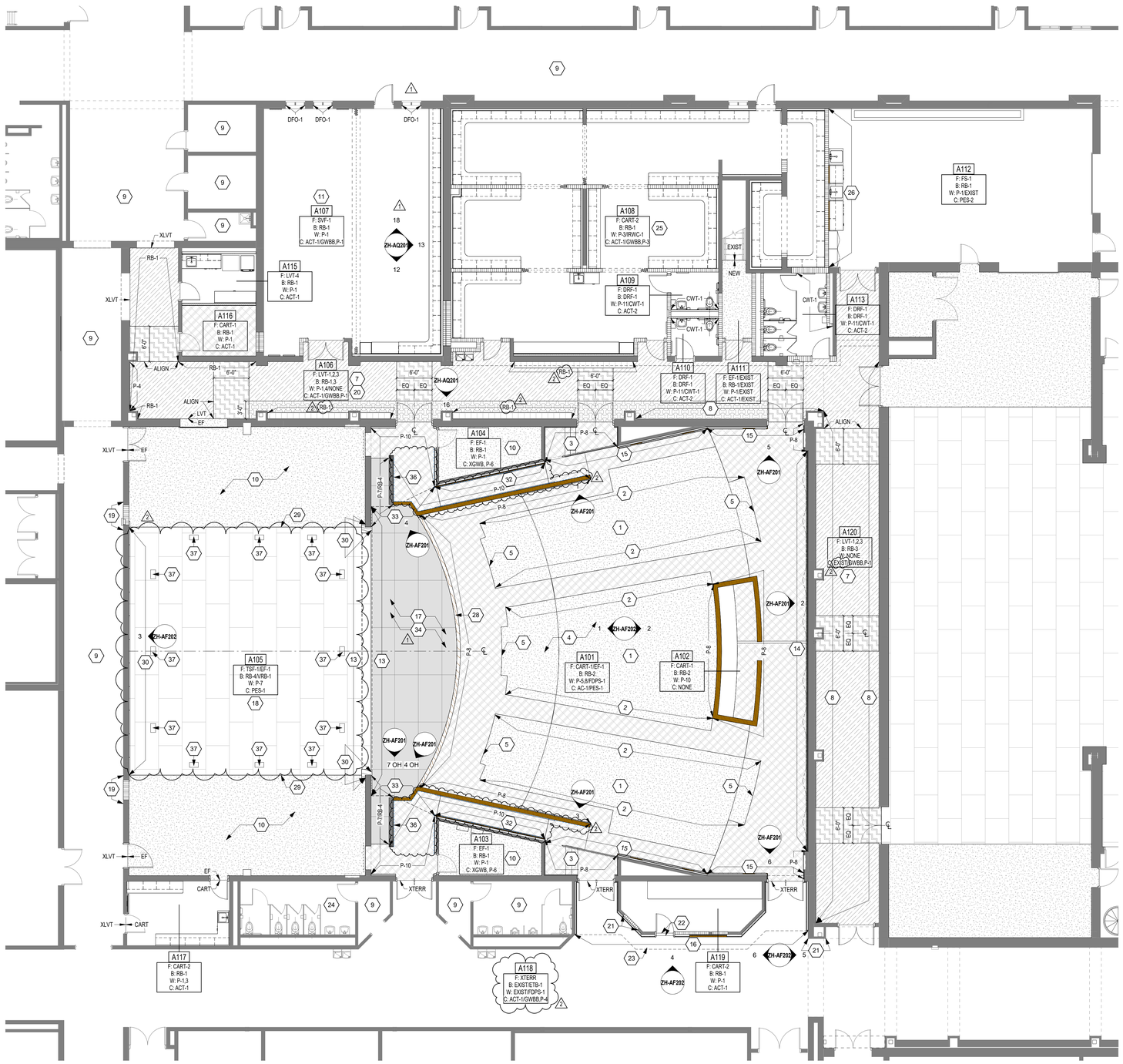
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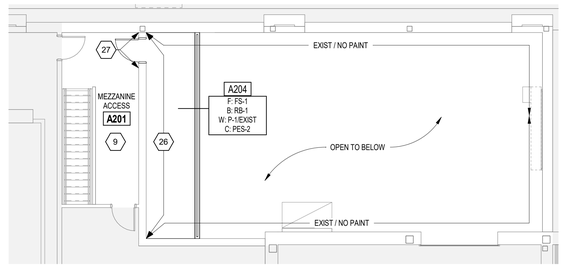
3 PIT FILLER LAYOUT

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



1 FIRST FLOOR FINISH PLAN - UNIT A

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



2 MEZZANINE FINISH PLAN

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

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
A101	C205	AUDITORIUM	4,393 SF
A102	C205G	SOUND BOOTH	144 SF
A103	C205B	STORAGE	129 SF
A104	C205 F	STORAGE	129 SF
A105	-	STAGE	3,703 SF
A106	C3	CORRIDOR	1,538 SF
A107	C141	REHEARSAL ROOM	1,223 SF
A108		MAKE-UP / DRESSING ROOM	1,996 SF
A109		TOILET / CHANGING ROOM	51 SF
A110		STAFF TOILET	51 SF
A111	C3 MZ	MEZZANINE ACCESS	118 SF
A112	C131	SCENE SHOP	1,170 SF
A113		RESTROOM	155 SF
A114	C1	CORRIDOR	1,914 SF
A115		WORKROOM	104 SF
A116	C143	OFFICE	107 SF
A117	C205C	STAGE PREP	188 SF
A118	C5	CORRIDOR	1,946 SF
A119	C205A	VIDEO PRODUCTION ROOM	190 SF
A120	C6	CORRIDOR	913 SF
A121	C4	CORRIDOR	4,045 SF
A122	C206F	VOCAL STORAGE	171 SF
A123	C206E	RISER STORAGE	263 SF
A124	C204F	BAND STORAGE/PERCUSSION	357 SF
A125		INSTRUMENTS	554 SF
A201		MEZZANINE ACCESS	219 SF
A202		MECHANICAL MEZZANINE	1,916 SF
A203		STORAGE	439 SF
A204		STORAGE	188 SF
B101	C203	PAC	7,933 SF
B102	C203C	STAGE	4,675 SF
B103		PIANO STORAGE	81 SF

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
C. REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS.
D. EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
E. RESILIENT TRANSITION STRIP BETWEEN NEW FLOOR FINISH AND EXISTING FLOOR FINISH.
F. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH.
G. PAINT ALL SIDES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT COLOR INDICATED (UNO).
H. EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO NOT PAINT.
I. PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH EXISTING DOOR FRAME COLOR. PAINT ON ALL FACES (PAINT CODE #5.12).
J. PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS, TO RECEIVE NEW FINISHES.

FLOOR PATTERN/FINISH KEY NOTES

1. NEW EF-1 EPOXY COATING UNDER SEATS, REPAIR AS REQUIRED FROM PREVIOUS SEAT REMOVAL
2. INSTALL RMA-1 LIGHTED TRANSITION STRIP AT CARPET TERMINATION; REFER TO DETAIL 1/ZH-AF601
3. INSTALL RSA-1 LIGHTED STAIR NOSING
4. NEW CURVED ACOUSTICAL CEILING CLOUDS, AC-1; PAINT ALL EXPOSED STRUCTURE, DUCTS, ETC, PES-1
5. INSTALL RMA-2 UNLIT TRANSITION STRIP AT CARPET TERMINATION; REFER TO DETAIL 2/ZH-AF601
6. REPLACE EXISTING LINOLEUM FLOORING WITH NEW 1/4" THICK STAGELAM FLOORING PANELS, TSF-1; REFER TO DETAIL 8/ZH-AF601; ALIGN PANEL SEAMING WITH CENTER STAGE AS SHOWN
7. INSTALL NEW LVT FLOORING IN MONOLITHIC LAY, IN PATTERN SHOWN
8. DO NOT PAINT EXISTING MURALS UNLESS OTHERWISE NOTED
9. NO FINISH WORK IN THIS ROOM UNLESS NOTED OTHERWISE
10. APPLY NEW EPOXY COATING, EF-1, ON EXISTING EXPOSED CONCRETE FLOOR
11. NEW ACOUSTICAL WALL PANELS IN THIS ROOM, AWT-1; REFER TO ELEVATIONS
12. INSTALL RSA-1 LIGHTED STAIR NOSING ON ALL BALCONY STAIRS; REFER TO ZH-AF218 AND DETAIL 3/ZH-AF601
13. FDPS-1 FRAMED DECORATIVE PANEL SYSTEM PROSCENIUM SURROUND, REFER TO ELEVATIONS AND DETAIL 11/ZH-A502
14. PAINT WAINSCOT, P-8; INSTALL 3-DIMENSIONAL WWP-1 PANELS WITH 2X STAINED TRIM, AWT-2 AND AWT-3 PANELS; REFER TO 1/ZH-AF201 AND 9-11/ZH-AF202
15. PAINT WAINSCOT, P-8; PAINT P-5 AND INSTALL AWT-2 PANELS ABOVE; REFER TO ELEVATION
16. INSTALL FRAMED DECORATIVE PANEL SYSTEM, FDPS-1, FROM BASE TO CEILING; REFER TO ELEVATIONS & ZH-A-11A
17. INSTALL NEW WENGER DECK ASSEMBLY WITH STAGELAM TOP LAYER ON EXISTING WENGER PORTABLE PIT FILLER STRUCTURE; REFER TO DETAILS 3/ZHAF11A & 6&8/ZH-AF601; INCLUDE NEW FRAMED OPENINGS IN DECK ASSEMBLY FOR POWER ACCESS; REFER TO E- AND T- SERIES DRAWINGS
18. INSTALL NEW STAGELAM ASSEMBLY, TSF-1; REFER TO DETAIL 9/ZH-AF601; ALIGN PANEL SEAMING WITH CENTER STAGE AS SHOWN
19. PAINT WALL, P-1, AND INSTALL RESILIENT BASE, RB-1, WHERE DOORS WERE INFILLED
20. INSTALL RB-3 ON ALL WALLS IN CORRIDOR EXCEPT WHERE RB-1 IS NOTED
21. INSTALL 4"H PRECAST TERRAZZO BASE, ETB-1
22. PATCH TERRAZZO FLOORING WHERE WALL AND COVED BASE WAS REMOVED
23. PAINT ALL SIDES OF NEW GWBB, P-4
24. REMOVE AND REINSTALL EXISTING ACT CEILING TILES, GRID, AND LIGHTING AS REQUIRED FOR INSTALLATION OF NEW MECHANICAL EQUIPMENT; NO OTHER FINISH WORK IN THIS ROOM
25. INSTALL IRWC-1 BELOW COUNTERTOP ON GWB WALLS ONLY
26. PAINT INDICATED WALL ONLY, P-1
27. PAINT AS REQUIRED WHERE INFILL OCCURS AT NEW DOOR FRAME; WALL PAINT COLOR TO MATCH EXISTING
28. NEW WOOD TRIM; STAIN TO MATCH NEW WALL PANELS
29. TRANSITION FROM STAGELAM, TSF-1, TO EPOXY, EF-1; REFER TO DETAIL 4/ZH-AF601
30. TERMINATE TSF-1 SHORT OF WALL TO ALLOW FOR FLOORING EXPANSION, REFER TO DETAIL 7/ZH-AF601
31. TRANSITION FROM STAGELAM, TSF-1, TO EPOXY, EF-1; REFER TO DETAIL 5/ZH-AF601
32. PAINT WAINSCOT, P-10; PAINT P-5 AND INSTALL WWP-1 PANELS WITH 2X STAINED TRIM ABOVE; REFER TO ELEVATION
33. INSTALL WWP-2 PANELS WITH 2X PAINTED TRIM; REFER TO ELEVATION
34. INSTALL FS-1 FLOOR SEALER ON PIT FLOOR AND PAINT PIT WALLS, P-2
35. INSTALL NEW STAGELAM TOP LAYER AND SHEATHING ON EXISTING HYDRAULIC PIT FILLER STRUCTURE; SEE DETAILS 2/ZH-AF11B & 8/ZH-AF601; INCLUDE CUTOUTS AS SHOWN
36. INSTALL RMA-3 LIGHTED TRANSITION STRIP ON BOTH SIDES OF RAMP WHERE CARPET MEETS WALL; EXTENTS AS SHOWN IN DASHED BLUE LINE. REFER TO DETAIL 10/ZH-AF601
37. PROVIDE CUT OUT IN TSF-1 AND NEW PLYWOOD SHEATHING FOR ELECTRICAL FLOOR BOX AND COVER; VERIFY LOCATIONS IN FIELD

FLOOR FINISH LEGEND

EF-1, LVT-2, CART-1, LVT-3, LVT-1, TSF-1

VERIFICATION NOTE

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

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Zionsville, IN 46077

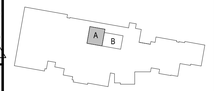
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KEY PLAN

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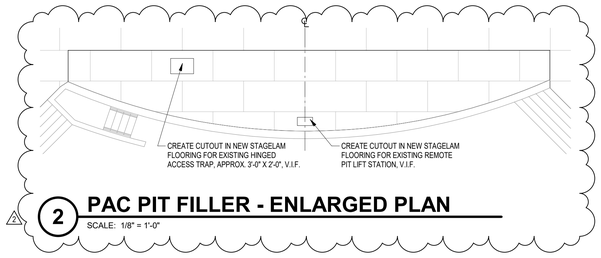
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DRAWN BY: AML
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	12.22.2025
2	ADDENDUM 2	01.08.2026

FIRST FLOOR FINISH PLAN - UNIT A

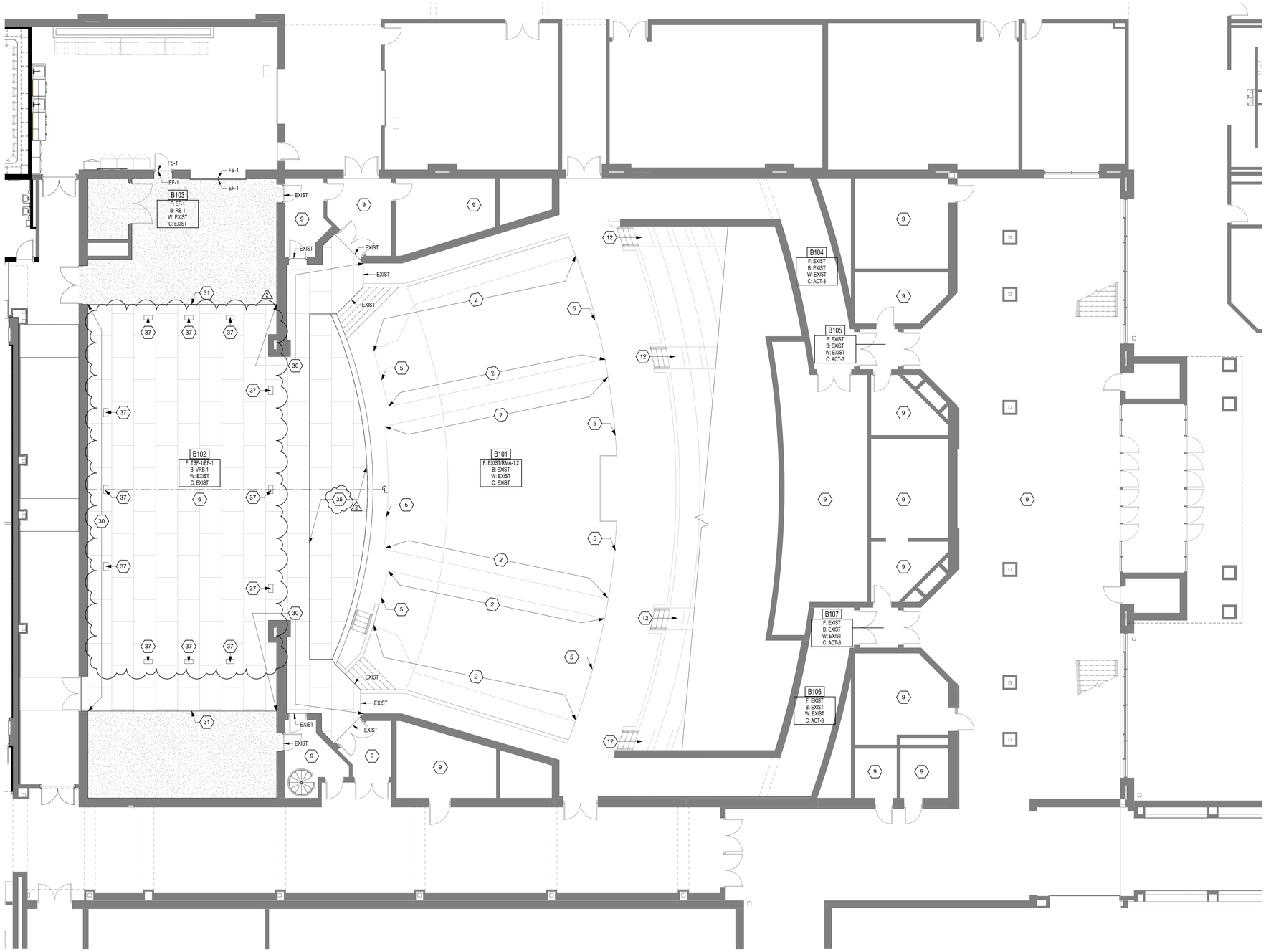
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2 PAC PIT FILLER - ENLARGED PLAN

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



1 FIRST FLOOR FINISH PLAN - UNIT B

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

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
A101	C205	AUDITORIUM	4,393 SF
A106	C3	CORRIDOR	1,538 SF
A108		MAKE-UP / DRESSING ROOM	1,996 SF
A112	C131	SCENE SHOP	1,170 SF
A113		RESTROOM	155 SF
A114	C1	CORRIDOR	1,914 SF
A118	C5	CORRIDOR	1,946 SF
A120	C6	CORRIDOR	913 SF
B101	C203	PAC	7,933 SF
B102	C203C	STAGE	4,675 SF
B103		PIANO STORAGE	81 SF
B104		PASSAGE	271 SF
B105		FOYER	51 SF
B106		PASSAGE	268 SF
B107		FOYER	51 SF

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
C. REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS.
D. EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
E. RESILIENT TRANSITION STRIP BETWEEN NEW FLOOR FINISH AND EXISTING FLOOR FINISH.
F. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH. PAINT ALL SIDES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT COLOR INDICATED (UNO).
G. EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO NOT PAINT.
H. PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH EXISTING DOOR FRAME COLOR. PAINT ON ALL FACES (PAINT CODE #5.12).
I. PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS, TO RECEIVE NEW FINISHES.

FLOOR PATTERN/FINISH KEY NOTES (X)

1 NEW EF-1 EPOXY COATING UNDER SEATS, REPAIR AS REQUIRED FROM PREVIOUS SEAT REMOVAL
2 INSTALL RMA-1 LIGHTED TRANSITION STRIP AT CARPET TERMINATION; REFER TO DETAIL 1/ZH-AF601
3 INSTALL RSA-1 LIGHTED STAIR NOSING
4 NEW CURVED ACOUSTICAL CEILING CLOUDS, AC-1; PAINT ALL EXPOSED STRUCTURE, DUCTS, ETC, PES-1
5 INSTALL RMA-2 UNLIT TRANSITION STRIP AT CARPET TERMINATION; REFER TO DETAIL 2/ZH-AF601
6 REPLACE EXISTING LINOLEUM FLOORING WITH NEW 1/4" THICK STAGELAM FLOORING PANELS, TSF-1; REFER TO DETAIL 8/ZH-AF601; ALIGN PANEL SEAMING WITH CENTER STAGE AS SHOWN
7 INSTALL NEW LVT FLOORING IN MONOLITHIC LAY, IN PATTERN SHOWN
8 DO NOT PAINT EXISTING MURALS UNLESS OTHERWISE NOTED
9 NO FINISH WORK IN THIS ROOM UNLESS NOTED OTHERWISE
10 APPLY NEW EPOXY COATING, EF-1, ON EXISTING EXPOSED CONCRETE FLOOR
11 NEW ACOUSTICAL WALL PANELS IN THIS ROOM, AWT-1; REFER TO ELEVATIONS
12 INSTALL RSA-1 LIGHTED STAIR NOSING ON ALL BALCONY STAIRS; REFER TO ZH-AF218 AND DETAIL 3/ZH-AF601
13 FDPS-1 FRAMED DECORATIVE PANEL SYSTEM PROSCENIUM SURROUND, REFER TO ELEVATIONS AND DETAIL 11/ZH-A-502
14 PAINT WAINSCOT, P-8; INSTALL 3-DIMENSIONAL WWP-1 PANELS WITH 2X STAINED TRIM, AWT-2 AND AWT-3 PANELS; REFER TO 1/ZH-AF201 AND 8-11/ZH-AF202
15 PAINT WAINSCOT, P-8; PAINT P-5 AND INSTALL AWT-2 PANELS ABOVE; REFER TO ELEVATION
16 INSTALL FRAMED DECORATIVE PANEL SYSTEM, FDPS-1, FROM BASE TO CEILING; REFER TO ELEVATIONS & ZH-A-11A
17 INSTALL NEW WENGER DECK ASSEMBLY WITH STAGELAM TOP LAYER ON EXISTING WENGER PORTABLE PIT FILLER STRUCTURE; REFER TO DETAILS 3/ZH-AF11A & 6&8/ZH-AF601. INCLUDE NEW FRAMED OPENINGS IN DECK ASSEMBLY FOR POWER ACCESS; REFER TO E- AND T- SERIES DRAWINGS
18 INSTALL NEW STAGELAM ASSEMBLY, TSF-1; REFER TO DETAIL 9/ZH-AF601; ALIGN PANEL SEAMING WITH CENTER STAGE AS SHOWN
19 PAINT WALL, P-1, AND INSTALL RESILIENT BASE, RB-1, WHERE DOORS WERE INFILLED
20 INSTALL RB-3 ON ALL WALLS IN CORRIDOR EXCEPT WHERE RB-1 IS NOTED
21 INSTALL 4"H PRECAST TERRAZZO BASE, ETB-1
22 PATCH TERRAZZO FLOORING WHERE WALL AND COVED BASE WAS REMOVED
23 PAINT ALL SIDES OF NEW GWBB, P-4
24 REMOVE AND REINSTALL EXISTING ACT CEILING TILES, GRID, AND LIGHTING AS REQUIRED FOR INSTALLATION OF NEW MECHANICAL EQUIPMENT; NO OTHER FINISH WORK IN THIS ROOM
25 INSTALL IRWC-1 BELOW COUNTERTOP ON GWB WALLS ONLY
26 PAINT INDICATED WALL ONLY, P-1
27 PAINT AS REQUIRED WHERE INFILL OCCURS AT NEW DOOR FRAME; WALL PAINT COLOR TO MATCH EXISTING
28 NEW WOOD TRIM; STAIN TO MATCH NEW WALL PANELS
29 TRANSITION FROM STAGELAM, TSF-1, TO EPOXY, EF-1; REFER TO DETAIL 4/ZH-AF601
30 TERMINATE TSF-1 SHORT OF WALL TO ALLOW FOR FLOORING EXPANSION; REFER TO DETAIL 7/ZH-AF601
31 TRANSITION FROM STAGELAM, TSF-1, TO EPOXY, EF-1; REFER TO DETAIL 5/ZH-AF601
32 PAINT WAINSCOT, P-10; PAINT P-5 AND INSTALL WWP-1 PANELS WITH 2X STAINED TRIM ABOVE; REFER TO ELEVATION
33 INSTALL WWP-2 PANELS WITH 2X PAINTED TRIM; REFER TO ELEVATION
34 INSTALL FS-1 FLOOR SEALER ON PIT FLOOR AND PAINT PIT WALLS, P-7
35 INSTALL NEW STAGELAM TOP LAYER AND SHEATHING ON EXISTING HYDRAULIC PIT FILLER STRUCTURE; SEE DETAILS 2/ZH-AF11B & 8/ZH-AF601; INCLUDE CUTOUTS AS SHOWN
36 INSTALL RMA-3 LIGHTED TRANSITION STRIP ON BOTH SIDES OF RAMP WHERE CARPET MEETS WALL; EXTENTS AS SHOWN IN DASHED BLUE LINE. REFER TO DETAIL 10/ZH-AF601
37 PROVIDE CUT OUT IN TSF-1 AND NEW PLYWOOD SHEATHING FOR ELECTRICAL FLOOR BOX AND COVER; VERIFY LOCATIONS IN FIELD

FLOOR FINISH LEGEND

EF-1
CART-1
LVT-1
LVT-2
LVT-3
TSF-1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

ZIONSVILLE HIGH SCHOOL
1000 Mulberry St.
Zionsville, IN 46077

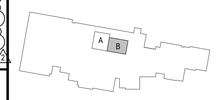
ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

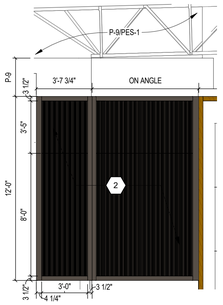
PROJECT MANAGER: JM
DRAWN BY: AML
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM 2	01.08.2026

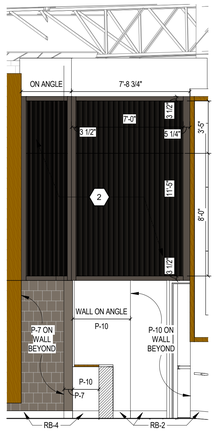
FIRST FLOOR FINISH PLAN - UNIT B

ZH-AF11B

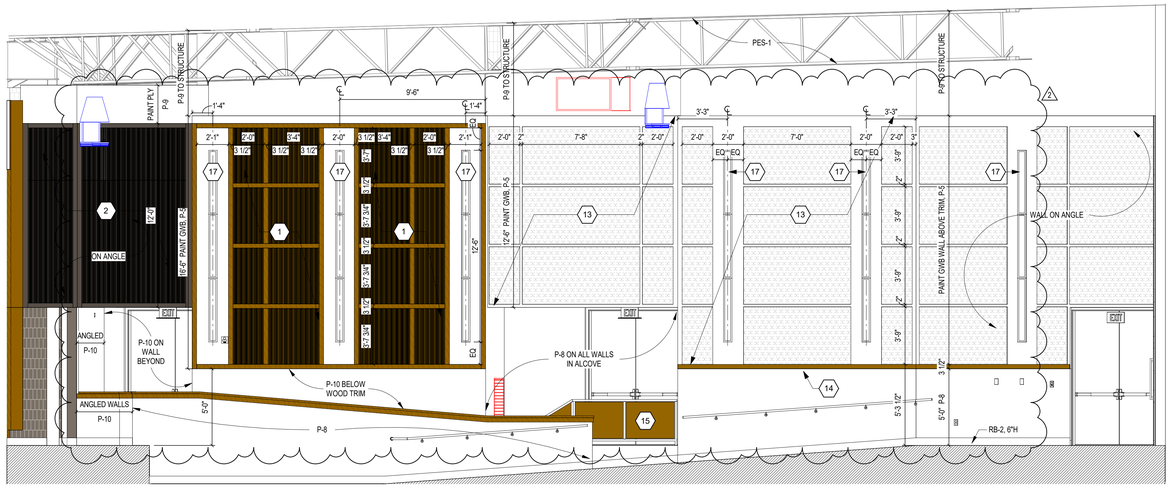
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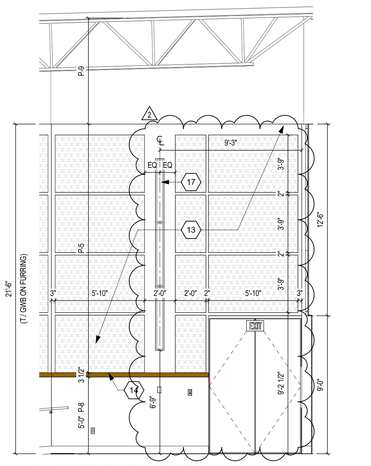
7 NORTHWEST BULKHEAD - B
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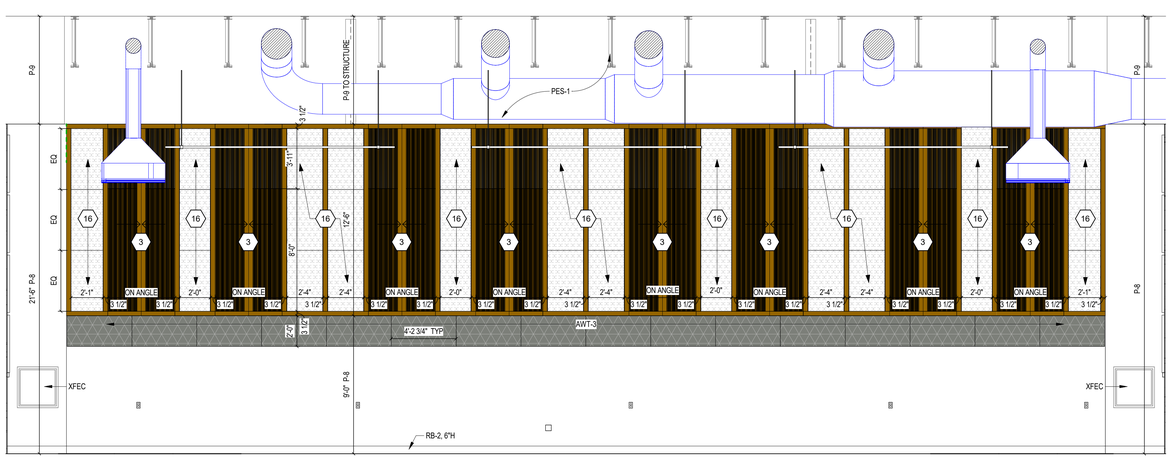
4 NORTHWEST BULKHEAD - A
SCALE: 1/4" = 1'-0"



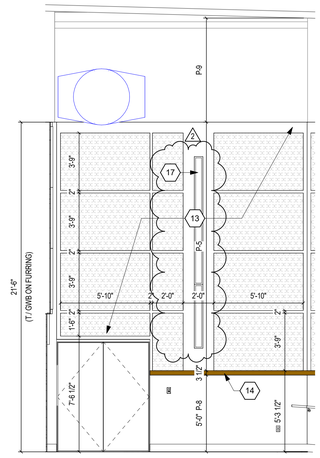
1 AUDITORIUM - NORTH SIDE WALL
SCALE: 1/4" = 1'-0"



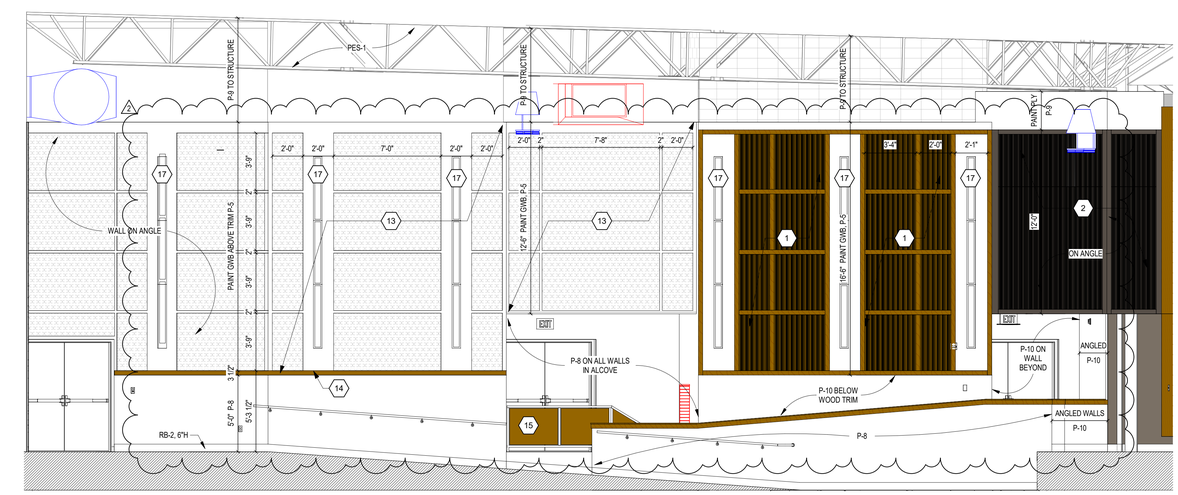
5 NORTHEAST CORNER
SCALE: 1/4" = 1'-0"



2 AUDITORIUM - EAST 2
SCALE: 1/4" = 1'-0"



6 SOUTHEAST CORNER
SCALE: 1/4" = 1'-0"



3 AUDITORIUM - SOUTH SIDE WALL
SCALE: 1/4" = 1'-0"

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INTERIOR ELEVATION NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. WWP-1 PANELING WITH 2X4 TRIM, ALL STAINED AS NOTED ON ZH-AF601; REFER TO DETAIL 9/ZH-AF202
2. WWP-2 PANELING WITH 2X4 TRIM, ALL PAINTED AS NOTED ON ZH-AF601; REFER TO DETAIL 9/ZH-AF202
3. WWP-1 PANELING WITH 2X4 TRIM, ON ANGLE, ALL MATERIAL TO BE STAINED AS NOTED ON ZH-AF601; INSTALL INSULATION BEHIND AS NOTED ON DETAIL 8&11/ZH-AF202
4. FDPS-1 STAGE SURROUND; REFER TO DETAIL 11/ZH-A-502
5. AC-1 ACOUSTICAL CLOUDS
6. MAIN STAGE CURTAIN AND VALANCE, REFER TO ZH-E-402
7. INSTALL NEW TERRAZZO COVE BASE WHERE DOOR WAS INFILLED; ETB-1
8. INSTALL NEW PRECAST TERRAZZO BASE, ETB-1
9. REINSTALL EXISTING DEDICATION PLAQUE
10. INSTALL NEW DEDICATION PLAQUE
11. ELECTRIC PROJECTION SCREEN, ATTACHED TO STRUCTURE ABOVE
12. NEW WOOD TRIM, REFER TO DETAIL 14/ZH-A-502
13. PAINT GWB WALL, P-5; INSTALL AWT-2 PANELS AS SHOWN
14. INSTALL 2X4 WAINSCOT TRIM WITH EASED EDGES; STAIN AS NOTED ON ZH-AF601
15. NEW RAILING, INFILL PANEL TO BE STAINED TO MATCH WOOD TRIM; REFER TO DETAIL 8/ZH-A-430
16. AWT-2 ACOUSTICAL PANELS WITH 2X4 STAINED TRIM; REFER TO DETAILS 8&10/ZH-AF202
17. WALL SCONCE, REFER TO E- SERIES DRAWINGS
18. PAINT ALL SIDES OF NEW BULKHEAD, P-4
19. SPEAKER, REFER TO TECHNOLOGY DRAWINGS

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

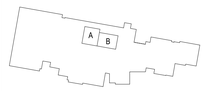
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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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KEY PLAN

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ISSUED FOR BID

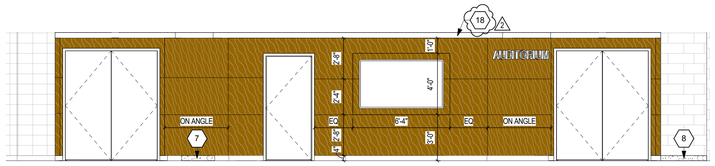
PAULA A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: AML
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

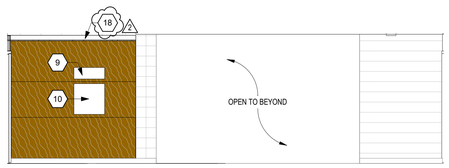
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2	ADDENDUM 2	01.08.2026

INTERIOR ELEVATIONS

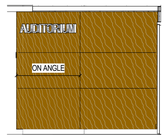
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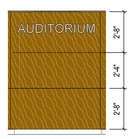
4 LOBBY AREA ACCENT - NORTH
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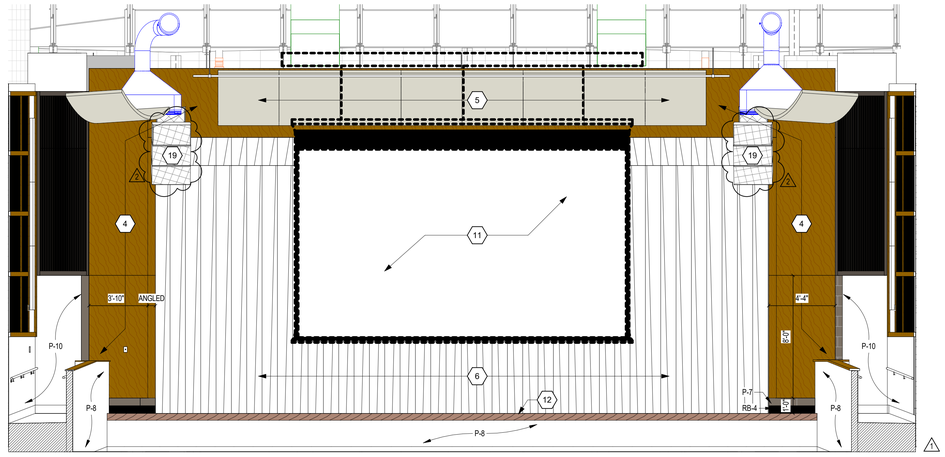
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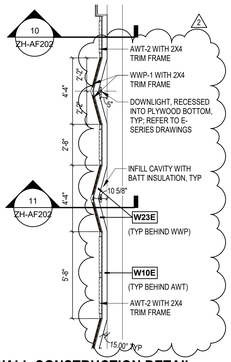
6 LOBBY AREA ACCENT - WEST 1
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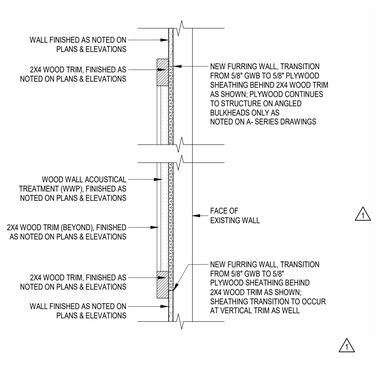
7 LOBBY AREA ACCENT - WEST 2
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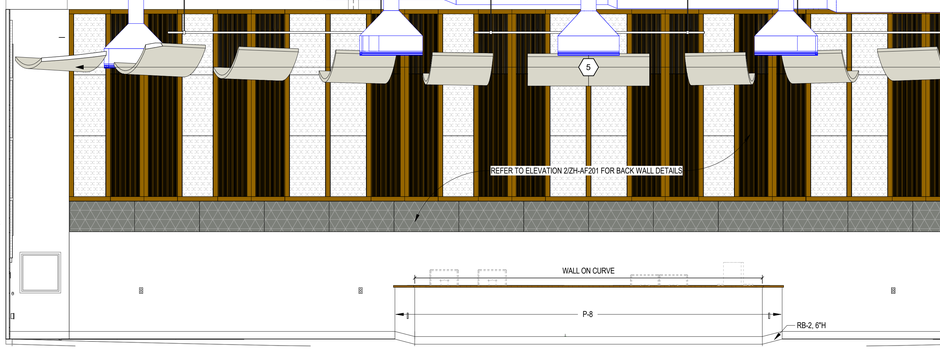
1 AUDITORIUM - WEST
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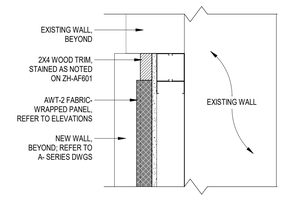
8 BACK WALL CONSTRUCTION DETAIL
SCALE: 1/4" = 1'-0"



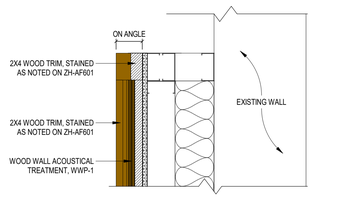
9 WWP DETAIL
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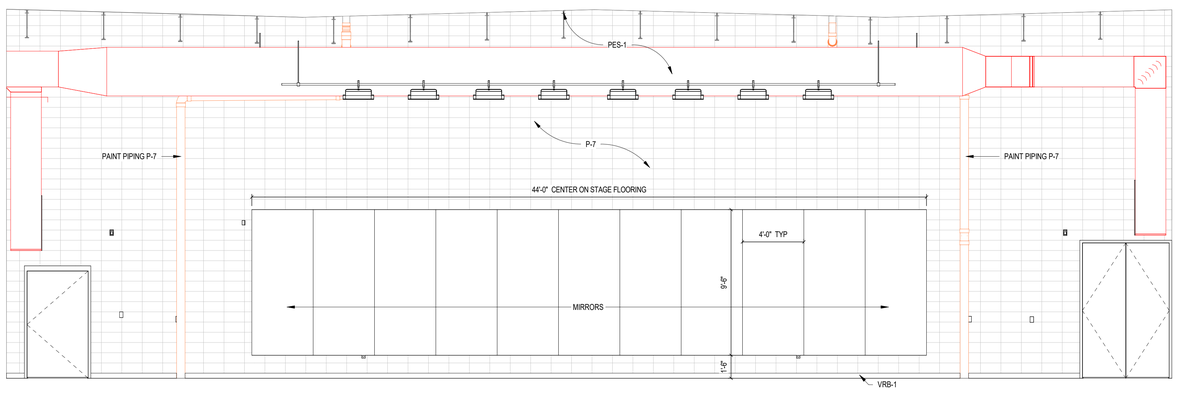
2 AUDITORIUM - EAST 1
SCALE: 1/4" = 1'-0"



10 BACK WALL - SECTION A
SCALE: 1 1/2" = 1'-0"



11 BACK WALL - SECTION B
SCALE: 1 1/2" = 1'-0"



3 STAGE - WEST
SCALE: 1/4" = 1'-0"

INTERIOR ELEVATION NOTES
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. WWP-1 PANELING WITH 2X4 TRIM, ALL STAINED AS NOTED ON ZH-AF601; REFER TO DETAIL 9/ZH-AF202
2. WWP-2 PANELING WITH 2X4 TRIM, ALL PAINTED AS NOTED ON ZH-AF601; REFER TO DETAIL 9/ZH-AF202
3. WWP-1 PANELING WITH 2X4 TRIM, ON ANGLE; ALL MATERIAL TO BE STAINED AS NOTED ON ZH-AF601; INSTALL INSULATION BEHIND AS NOTED ON DETAIL 8&11/ZH-AF202
4. FOPS-1 STAGE SURROUND; REFER TO DETAIL 11/ZH-A-502
5. AC-1 ACOUSTICAL CLOUDS
6. MAIN STAGE CURTAIN AND VALANCE, REFER TO ZH-E-402
7. INSTALL NEW TERRAZZO COVE BASE WHERE DOOR WAS INFILLED, ETB-1
8. INSTALL NEW PRECAST TERRAZZO BASE, ETB-1
9. REINSTALL EXISTING DEDICATION PLAQUE
10. INSTALL NEW DEDICATION PLAQUE
11. ELECTRIC PROJECTION SCREEN, ATTACHED TO STRUCTURE ABOVE
12. NEW WOOD TRIM, REFER TO DETAIL 14/ZH-A-502
13. PAINT GWB WALL, P-5; INSTALL AWT-2 PANELS AS SHOWN
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15. NEW RAILING, INFILL PANEL TO BE STAINED TO MATCH WOOD TRIM; REFER TO DETAIL 8/ZH-A-430
16. AWT-2 ACOUSTICAL PANELS WITH 2X4 STAINED TRIM; REFER TO DETAIL 8 &10/ZH-AF202
17. WALL SCONCE, REFER TO E- SERIES DRAWINGS
18. PAINT ALL SIDES OF NEW BULKHEAD, P-4
19. SPEAKER, REFER TO TECHNOLOGY DRAWINGS

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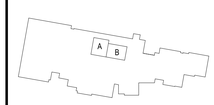
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KEY PLAN

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ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: AML
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	12.22.2025
2	ADDENDUM 2	01.08.2026

INTERIOR ELEVATIONS

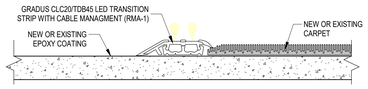
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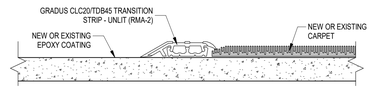
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SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

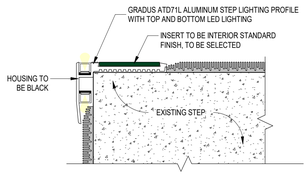
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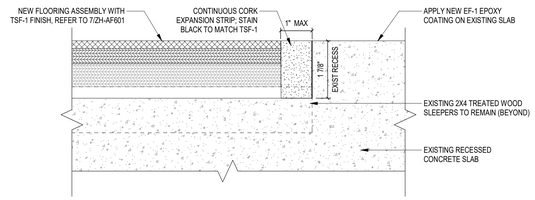
1 RMA-1 DETAIL
NOT TO SCALE



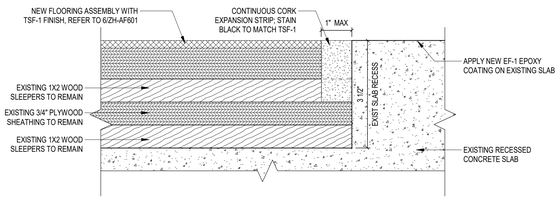
2 RMA-2 DETAIL
NOT TO SCALE



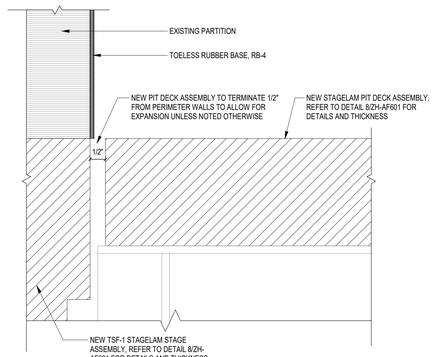
3 RSA-1 DETAIL
NOT TO SCALE



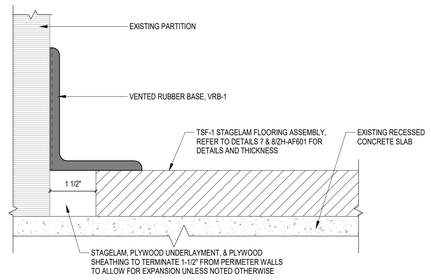
4 AUDITORIUM STAGELAM TRANSITION
SCALE: 6" = 1'-0"



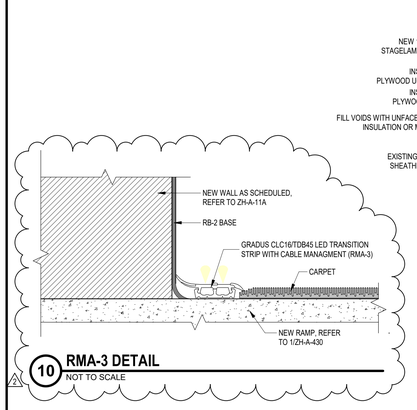
5 PAC STAGELAM TRANSITION STRIP
SCALE: 6" = 1'-0"



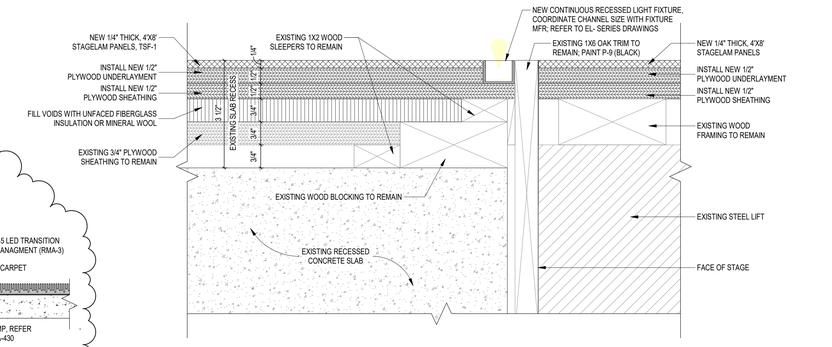
6 AUDITORIUM PIT PERIMETER DETAIL
SCALE: 6" = 1'-0"



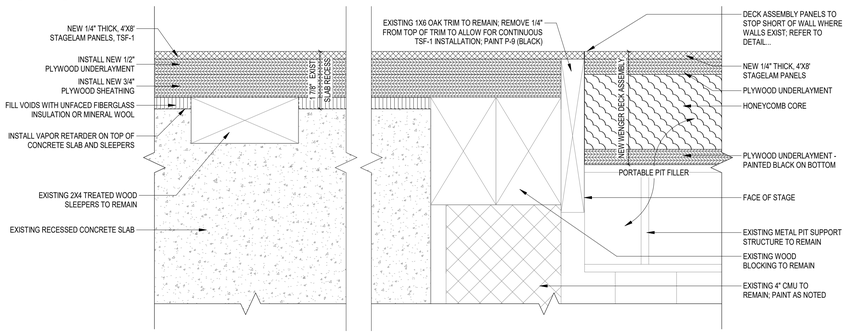
7 STAGELAM PERIMETER BASE DETAIL
SCALE: 6" = 1'-0"



10 RMA-3 DETAIL
NOT TO SCALE



8 PAC STAGE & PIT DETAIL
SCALE: 6" = 1'-0"



9 AUDITORIUM STAGE & PIT DETAIL
SCALE: 6" = 1'-0"

LIST OF FINISHES
REFER TO AF ARCH. DWG. SHEETS

FLOOR MATERIALS

CARPET TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CART-1 CART-2	MANNINGTON / SPIN REMIX / DISC RMX J+J INVISION / KINETEX / URBAN AVENUE	OUTLAW 15229 / 12"X36" METROPOLITAN 1843-2841 / 24"X24"

DECORATIVE RESINOUS FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DRF-1	REFER TO SPECIFICATIONS	50% F3080 LANAI GRAY, 25% F1360 FOREST GREEN 15% F9958 ALPACA WHITE, 10% F5920 CYBERSPACE

EPOXY PIGMENTED FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
EF-1	REFER TO SPECIFICATIONS	TO BE SELECTED

EPOXY TERRAZZO FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
ETF-1	REFER TO SPECIFICATIONS	40% GEORGIA WHITE #2, 40% GEORGIA WHITE #1, 10% VERDE ALPI #2, 10% VERDE ALPI #1, 10% POOL MIX MATRIX: TERROXY 39B-2T GLACIER GRAY

FLOOR SEALER

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
FS-1	REFER TO SPECIFICATIONS	CLEAR

LUXURY VINYL TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
LVT-1 LVT-2 LVT-3 LVT-4	PATCRAFT / ADMIX PATCRAFT / ADMIX PATCRAFT / ADMIX MANNINGTON "AMTICO STONE"	SUNDIAL 00130 / 18"X36" DOVE SHELL 00720 / 18"X36" SEA URCHIN 00590 / 18"X36" BASILICA SHELL AR0SBS41 / 18"X48"

RESILIENT STAIR NOSING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RSA-1	GRADUS / ATD71L	BLACK HOUSING, COLOR OF VISUALLY IMPAIRED STRIP TO BE SELECTED

SHEET VINYL FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
SVF-1	HARLEQUIN FLOORS / STUDIO	FOG

THEATER STAGE FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
TSF-1	STAGELAM	BLACK / 1/4" THICK

BASE MATERIALS

DECORATIVE RESINOUS FLOORING (INTEGRAL COVE BASE)

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DRF-1	REFER TO SPECIFICATIONS	50% F3080 LANAI GRAY, 25% F1360 FOREST GREEN 15% F9958 ALPACA WHITE, 10% F5920 CYBERSPACE

EPOXY TERRAZZO BASE (INTEGRAL COVE & PRECAST)

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
ETB-1	REFER TO SPECIFICATIONS	35% GEORGIA WHITE #2, 35% GEORGIA WHITE #1, 10% POOL MIX, 5% CARDIFF GREEN #2, 5% CARDIFF GREEN #1, 5% PURE WHITE #2, 5% PURE WHITE #1, 5% RAVEN BLACK #2, 5% RAVEN BLACK #1 MATRIX: TERROXY 39B-2T GLACIER GRAY

RESILIENT BASE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RB-1 RB-2 RB-3 RB-4	JOHNSONITE-TARKETT JOHNSONITE-TARKETT JOHNSONITE-TARKETT JOHNSONITE-TARKETT	GREY 48 / 4"H COVE TO BE SELECTED / 6"H COVE GREY 48 / 6"H COVE TO BE SELECTED / 6"H TOELESS

VENTED RESILIENT BASE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
VRB-1	JOHNSONITE-TARKETT	BLACK

WALL FINISHES

ACOUSTICAL WALL TILES

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
AWT-1 (REHEARSAL)	REFER TO SPECIFICATIONS	2" THICK FABRIC WRAPPED PANEL
AWT-2 (AUDITORIUM)	CARNEGIE / XOREL / METEOR REFER TO SPECIFICATIONS CARNEGIE / XOREL / WICKER MATTE	COLOR TO BE SELECTED 2" THICK FABRIC WRAPPED PANEL COLOR TO BE SELECTED
AWT-3 (AUDITORIUM)	REFER TO SPECIFICATIONS CARNEGIE / XOREL / STRIE	2" THICK FABRIC WRAPPED PANEL COLOR TO BE SELECTED

CERAMIC WALL TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CWT-1	PLATFORM SURFACES / MAT & MORE	WHITE DECO / 10"X30"

FRAMED DECORATIVE PANEL SYSTEM

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
FDPS-1	MARLITE / SIEVA	PREMIUM LAMINATE, TO BE SELECTED

IMPACT RESISTANT WALLCOVERING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
IRWC-1	CONSTRUCTION SPECIALTIES / ACROVYN WALL PROTECTION	COLOR TO BE SELECTED / 0.40" THICK

PAINT

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
P-1 (FIELD)	SHERWIN WILLIAMS	SW7009 PEARLY WHITE
P-2 (DOOR FRAMES)	BENJAMIN MOORE	1652 NAVY MASTERPIECE
P-3 (ACCENT)	SHERWIN WILLIAMS	TO BE SELECTED (MATCH IRWC-1)
P-4 (SCHOOL GREEN)	PPG PAINTS	PPG1138-7 MIDNIGHT CLOVER
P-5 (AUDITORIUM)	SHERWIN WILLIAMS	TO BE SELECTED
P-6 (CEILINGS)	SHERWIN WILLIAMS	SW7006 EXTRA WHITE
P-7 (STAGE)	SHERWIN WILLIAMS	TO BE SELECTED
P-8 (AUD ACCENT)	WOLF GORDON - SCUFFMASTER BURNISHED METALLIC	CUSTOM MATCH SW7061 NIGHT OWL WITH METALLIC TOPCOAT / GOH-34965536
P-9 (BLACK)	SHERWIN WILLIAMS	SW6258 TRICORN BLACK
P-10 (AUD ACCENT)	SHERWIN WILLIAMS	SW7061 NIGHT OWL
P-11 (RR)	SHERWIN WILLIAMS	TO BE SELECTED

WOOD ACOUSTICAL WALL TREATMENT

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
WWP-1	KINETICS / HIGH TONES	STAIN TO BE SELECTED
WWP-2	KINETICS / HIGH TONES	PAINT COLOR TO BE SELECTED

CEILING FINISHES

ACOUSTICAL CEILING TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
ACT-1	ARMSTRONG / SCHOOL ZONE FINE FISSURED #1713	WHITE / 24" X 24" / SQUARE EDGE
ACT-2	ARMSTRONG / TUNDRA #301	WHITE / 24" X 24" / SQUARE EDGE
ACT-3	ARMSTRONG / ULTIMA HIGH-NRC #1940	WHITE / 24" X 24" / SQUARE EDGE

ACOUSTICAL CLOUDS

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
AC-1	RPG / MONORADIAL G PANEL	CUSTOM COLOR, TO BE SELECTED

GYPSUM WALLBOARD BULKHEADS

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
GWBB - REFER TO REFLECTED CEILING PLANS AND PROJECT MANUAL FOR BULKHEAD TYPE AND HEIGHT. REFER TO FINISH PLANS FOR COLOR SELECTION.		

PAINTED EXPOSED STRUCTURE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
PES-1	SHERWIN WILLIAMS	SW6258 TRICORN BLACK
PES-1	SHERWIN WILLIAMS	SW7006 EXTRA WHITE

MISCELLANEOUS FINISHES
REFER TO A8 ARCH. DWG. SHEETS

INTERIOR WOOD DOORS/ INTERIOR WOOD TRIM

- STAIN ALL WOOD DOORS, WOOD TRIM, ETC. TO MATCH EXISTING -MARSHFIELD, CUSTOM STAIN #146342C
- WOOD SPECIES TO BE PLAIN SLICED RED OAK.
- PROVIDE WOOD STAIN SAMPLES FOR VERIFICATION.

GROUT

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
GT-1 (CWT)	REFER TO SPECIFICATIONS	

RESILIENT MOLDING ACCESSORIES

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RMA-1	GRADUS / CLC20/TDB45 LED TRANSITION	BLACK
RMA-2	GRADUS / CLC20/TDB45/NUP TRANSITION	BLACK
RMA-3	GRADUS / CLC16/TDB45 LED TRANSITION	BLACK

DECORATIVE FILM OVERLAY

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DFO-1	3M / FASARA GLASS FILM	FROSTED CRYSTAL

MATERIAL & FINISH GENERAL NOTES

A. REFER TO FINISH AF SERIES FINISH PLANS FOR MATERIALS, PATTERNS, AND COLORS. REFER TO ZCHS-AQ601 FOR ADDITIONAL FINISHES.
B. (VRB) VENTED RUBBER BASE AT ALL WOOD FLOORS.
C. CENTER TILE AND PATTERN IN ROOM UNLESS OTHERWISE INDICATED ON FINISH PLANS.
D. ALIGN EDGE OF FINISHED FLOOR MATERIAL WITH EDGE OF WALL OR CASEWORK.
E. COORDINATE CONTROL JOINTS IN CONCRETE SLABS WITH STRUCTURAL DRAWINGS.
F. REFER TO FLOOR PLANS, RESTROOM ENLARGED PLANS, AND PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.
G. (RB) RUBBER BASE AT ALL EF, LVT, CART, SVF, AND FS LOCATIONS.
H. FLOOR FINISH MATERIAL TRANSITIONS SHALL OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE NOTED WHERE FLOORING MATERIAL CHANGES FROM ROOM TO ROOM.
I. DO NOT PAINT MURALS UNLESS OTHERWISE NOTED.
J. PAINT ALL WALLS UNLESS OTHERWISE NOTED.
K. EXTEND FLOOR MATERIAL AND PATTERN UNDER ALL OPEN TO THE FLOOR COUNTERTOPS AND FURNITURE.
L. CART-1 TO BE INSTALLED IN VERTICAL ASHLAR METHOD.
M. CART-2 TO BE INSTALLED IN MONOLITHIC INSTALLATION METHOD.

PAINT TYPE GENERAL NOTES

A. UNDER SECTION 099123 - INTERIOR PAINTING, PAINT EXPOSED PIPES, DUCTWORK, BREACHING, CONDUIT, INSULATED PIPES, CONDUIT HANGERS, SUPPORTS, BRACING, ETC., WHICH OCCURS IN SPACES DESIGNATED TO BE PAINTED IN PART OR WHOLE.

B. PAINTING AND FINISHING OF EXTERIOR SURFACES AS DESIGNATED. DETAILS SHALL BE UNDER THE WORK SECTION 0991113 - EXTERIOR PAINTING.

C. ALL GYPSUM BOARD WALLS SHALL BE PAINTED WITH INTERIOR PAINT TYPE #9.22 (SEMI-GLOSS) UNLESS OTHERWISE NOTED.

D. ALL GYPSUM BOARD CEILINGS AND SOFFITS SHALL BE PAINTED WITH PAINT TYPE #9.21 (FLAT) UNLESS OTHERWISE NOTED.

E. PAINT ALL NON-INTEGRALLY COLORED CMU WALLS WITH INTERIOR PAINT TYPE #4.14 (SEMI-GLOSS), UNLESS OTHERWISE NOTED.

F. IN ROOMS _____ PAINT WITH PAINT CODE #4.224 (EPOXY). REFER TO SECTION 099600 - HIGH PERFORMANCE COATINGS.

G. IN ROOMS _____ PAINT WITH PAINT CODE #4.222 (EPOXY). REFER TO SECTION 099600 - HIGH PERFORMANCE COATINGS.

H. IN ROOMS _____ PAINT WITH PAINT CODE #9.211 (EPOXY). REFER TO SECTION 099600 - HIGH PERFORMANCE COATINGS.

I. ALL FERROUS METAL (EXCLUDING STRUCTURE) SHALL BE PAINTED INTERIOR PAINT TYPE #5.12.

J. ALL GALVANIZED METAL (EXCLUDING STRUCTURE) SHALL BE PAINTED INTERIOR PAINT TYPE #5.32.

K. ALL EXPOSED STEEL (FERREOUS) STRUCTURE SHALL BE PAINTED INTERIOR PAINT TYPE #5.11.

L. ALL EXPOSED GALVANIZED-METAL STRUCTURE SHALL BE PAINTED INTERIOR PAINT TYPE #5.31.

M. ALL ABUSE RESISTANT ACOUSTICAL WALL PANELS (AR-AWT) SHALL BE PAINTED WITH INTERIOR PAINT CODE #11.0.

N. ALL WALLS ARE TO RECEIVE AN EGGSHELL FINISH AND ALL CEILINGS/BULKHEADS ARE TO RECEIVE A FLAT FINISH.

PAINT COLOR GENERAL NOTES

A. ALL INTERIOR WALLS SHALL BE PAINTED P-1, UNLESS OTHERWISE INDICATED ON FINISH PLANS OR INTERIOR ELEVATIONS.

B. PAINT ALL EXPOSED STEEL ON STAIRS, RAILS, AND STRINGERS P-7.

C. PAINT ALL GWB SOFFITS P-6 UNLESS OTHERWISE NOTED ON FINISH PLANS OR INTERIOR ELEVATIONS.

D. PAINT ALL SIDES (HORIZ. AND VERT.) OF SOFFIT INDICATED COLOR, UNLESS OTHERWISE NOTED.

E. PAINT ALL PAINTED EXPOSED CEILINGS AND GYPSUM BOARD CEILINGS P-6 UNLESS OTHERWISE NOTED ON FINISH PLANS, CEILING PLANS, OR INTERIOR ELEVATIONS.

F. ALL INTERIOR HOLLOW METAL FRAMES AND DOOR FRAMES TO BE PAINTED P-2 UNLESS OTHERWISE NOTED.

G. ALL EXPOSED INTERIOR STEEL COLUMNS SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR, UNLESS OTHERWISE NOTED ON INTERIOR ELEVATIONS OR FINISH PLANS.

H. STAIN ALL WOOD TRIM/ RAILS/ ETC. TO MATCH DOORS.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

ZIONSVILLE HIGH SCHOOL
1000 Mulberry St.
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT
FANNING HOWEY
317.848.0966 WWW.FHAI.COM
350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

N

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: AML
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	12.22.2025
2	ADDENDUM 2	01.08.2026

LIST OF FINISHES AND DETAILS

ZH-AF601

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ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
A101	C205	AUDITORIUM	4,393 SF
A102	C205G	SOUND BOOTH	144 SF
A103	C205B	STORAGE	129 SF
A104	C205 F	STORAGE	129 SF
A105	-	STAGE	3,703 SF
A106	C3	CORRIDOR	1,538 SF
A107	C141	REHEARSAL ROOM	1,223 SF
A108		MAKE-UP / DRESSING ROOM	1,996 SF
A109		TOILET / CHANGING ROOM	51 SF
A110		STAFF TOILET	51 SF
A111	C3 MZ	MEZZANINE ACCESS	118 SF
A112	C131	SCENE SHOP	1,170 SF
A113		RESTROOM	155 SF
A114	C1	CORRIDOR	1,914 SF
A115		WORKROOM	104 SF
A116	C143	OFFICE	107 SF
A117	C205C	STAGE PREP	188 SF
A118	C5	CORRIDOR	1,946 SF
A119	C205A	VIDEO PRODUCTION ROOM	190 SF
A120	C6	CORRIDOR	913 SF
A121	C4	CORRIDOR	4,045 SF
A122	C206F	VOCAL STORAGE	171 SF
A123	C206E	RISER STORAGE	263 SF
A124	C204F	BAND STORAGE/PERCUSSION	357 SF
A125		INSTRUMENTS	554 SF
A201		MEZZANINE ACCESS	219 SF
A202		MECHANICAL MEZZANINE	1,916 SF
A203		STORAGE	439 SF
A204		STORAGE	188 SF
B101	C203	PAC	7,933 SF
B102	C203C	STAGE	4,675 SF
B103		PIANO STORAGE	81 SF

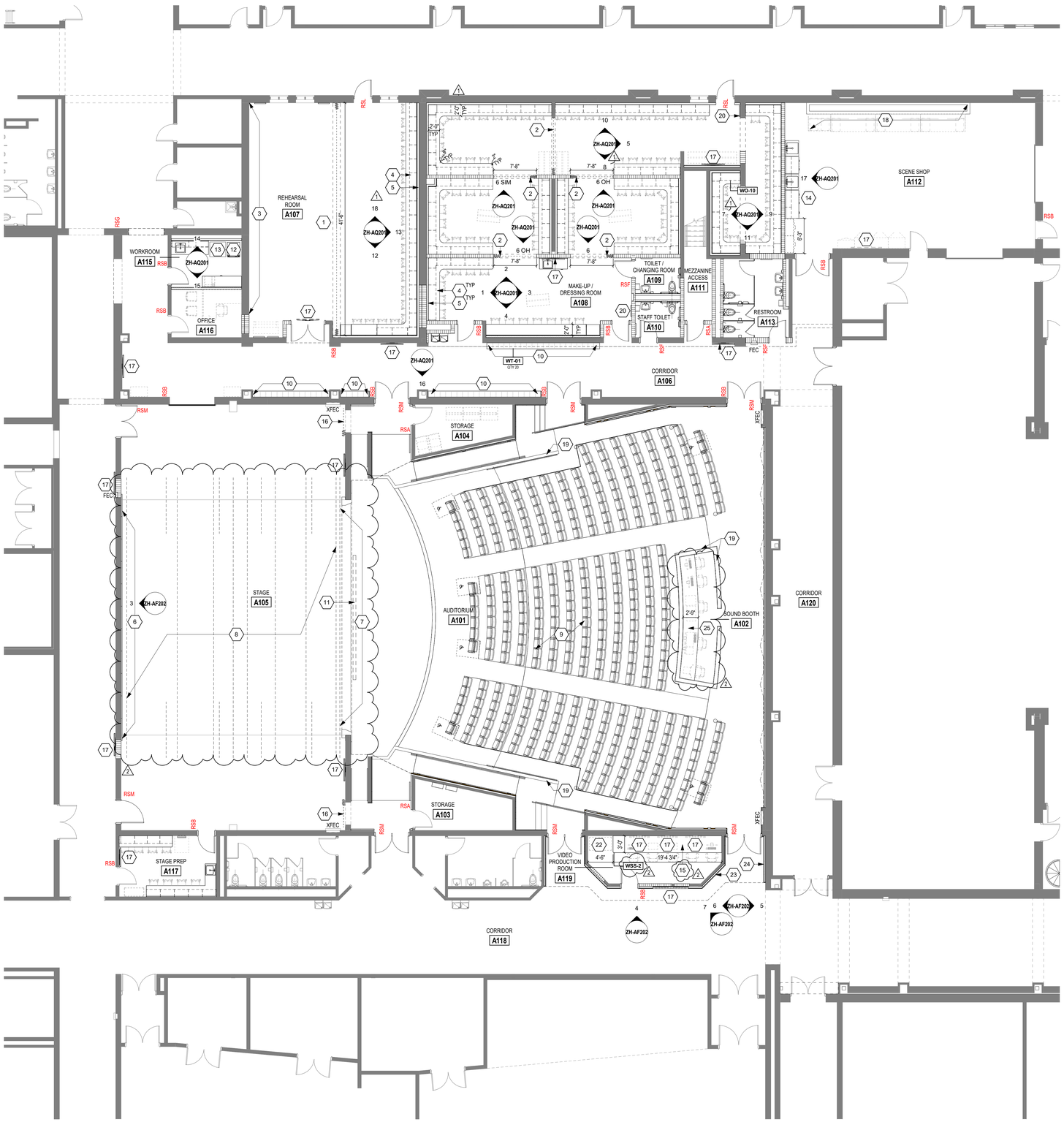
EQUIPMENT GENERAL NOTES

A. ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPLASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.
B. HIDDEN LINES ( ) INDICATE ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES ( ) INDICATE OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
C. (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
D. (XTB) INDICATES EXISTING TACK BOARDS TO REMAIN.
E. PROVIDE FILLER STRIPS BETWEEN CASEWORK UNITS AND WALL OR BETWEEN ANY UNIT AS REQUIRED. EXTEND COUNTER TO FACE OF WALL OR ADJACENT TALL CABINET.
F. ALL CASEWORK DOORS AND DRAWERS SHALL BE LOCKABLE.
G. ALL EXPOSED ENDS AND BACKS OF CASEWORK SHALL BE FINISHED.
H. CASEWORK INSTALLER SHALL CUT CASEWORK AS REQUIRED FOR PLUMBING/ELECTRICAL LINES.
I. CASEWORK INSTALLER SHALL CAULK BETWEEN COUNTERS, BACKSPLASHES, AND WALLS.
J. ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF UNLESS OTHERWISE NOTED.
K. REFER TO LIST OF FINISHES FOR COLOR SELECTIONS.

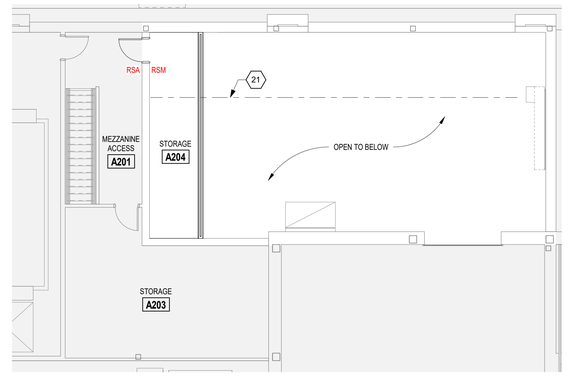
EQUIPMENT NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 NEW 12'-0"H OVERALL SC-1 STAGE CURTAIN ON TRACK, REFER TO 1/ZH-A-520
2 NEW 8'-0"H OVERALL SC-1 STAGE CURTAIN ON TRACK. TRACK TO BE RECESSED IN GWB BULKHEAD; REFER TO 4/ZH-A-520
3 EXISTING MIRRORS TO REMAIN
4 PL-2 COUNTERTOP/BACKSPLASH WITH RAKKS EIH-1818 COUNTERTOP SUPPORTS; REFER TO DETAILS 1&2/ZH-AQ501
5 MIRROR FROM BACKSPLASH TO CASEWORK ABOVE, REFER TO ELEVATIONS
6 NEW 9'-6"H MIRRORS, MOUNTED AT 11'-0"AFF; MIRRORS TO BREAK AT PIPES AS SHOWN IN ELEVATION
7 NEW STAGE CURTAIN AND VALANCE; REFER TO ZH-E-402
8 REPLACE ALL PIPE BATTENS & TRAVELER CURTAINS; ADD ADDITIONAL ROW OF PIPE BATTEN AND CURTAIN; REFER TO ZH-E-402
9 NEW FIXED AUDITORIUM SEATING; 407 SEAT CAPACITY INCLUDING REMOVABLE SEATS; REFER TO ZH-AQ601 FOR DETAILS
10 NEW 12"X36"X12" 2-TIER PL-4 LAMINATE LOCKERS WITH SSM-4 COUNTERTOPS; REFER TO CASEWORK SCHEDULE AND ZH-AQ601
11 NEW PROJECTION SCREEN, INCLUDING 4'-0" EXTRA DROP, SUSPENDED FROM STRUCTURE ABOVE; REFER TO SPEC SECTION 115213 FOR BASIS OF DESIGN INFORMATION. PROJECTOR TO BE PROVIDED BY OWNER. REFER TO T-SERIES DRAWINGS
12 STACKED RESIDENTIAL-STYLE WASHER AND DRYER, BY OWNER
13 REFRIGERATOR WITH ICE MAKER, BY OWNER
14 NEW UPPER AND LOWER METAL CASEWORK WITH BUTCHER BLOCK COUNTERTOP AND BACKSPLASH
15 30"H SSM-3 COUNTERTOP WITH OPEN KNEESPACE BELOW; RADIUS OUTSIDE CORNER & INCLUDE END PANEL SUPPORT
16 NEW 10'-0"H OVERALL SC-2 STAGE CURTAIN ON WALL-MOUNTED TRACK
17 NEW MONITOR, BY OWNER
18 EXISTING PAINTING STRUCTURE AND WORKBENCHES TO REMAIN
19 NEW WOOD WALL CAP (STAIN). REFER TO DETAIL 12/ZH-A-502
20 NEW 6'-6"H MIRROR, MOUNTED AT 7'-0"AFF
21 NEW 1/2 TON ELECTRIC TROLLEY HOIST SYSTEM, REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION. COORDINATE FINAL LOCATION WITH EXISTING LIGHTING AND DUCTWORK, FIELD VERIFY
22 VIDEO EQUIPMENT RACKS, BY OWNER
23 7"H DIMENSIONAL LETTERS. REFER TO ELEVATION
24 INSTALL NEW DEDICATION PLAQUE AND REINSTALL EXISTING DEDICATION PLAQUE; REFER TO ELEVATION
25 SSM-3 COUNTERTOP WITH OPEN KNEESPACE BELOW; REFER TO DETAIL 8/ZH-AQ501



1 **FIRST FLOOR EQUIPMENT PLAN - UNIT A**
SCALE: 1/8" = 1'-0"



2 **MEZZANINE EQUIPMENT PLAN**
SCALE: 1/8" = 1'-0"

VERIFICATION NOTE
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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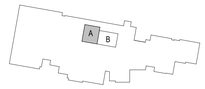
ZIONSVILLE COMMUNITY SCHOOLS

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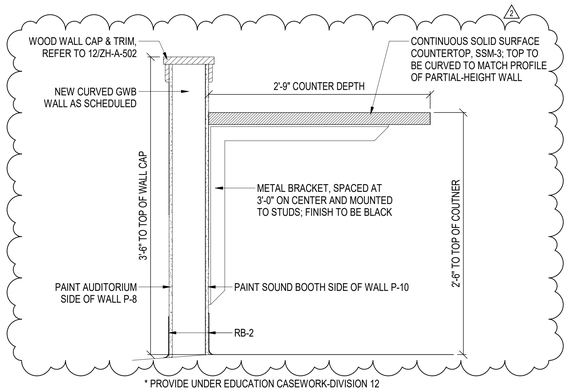
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	12.22.2025
2	ADDENDUM 2	01.08.2026

FIRST FLOOR EQUIPMENT PLAN - UNIT A

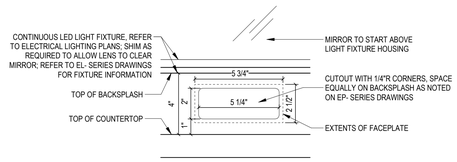
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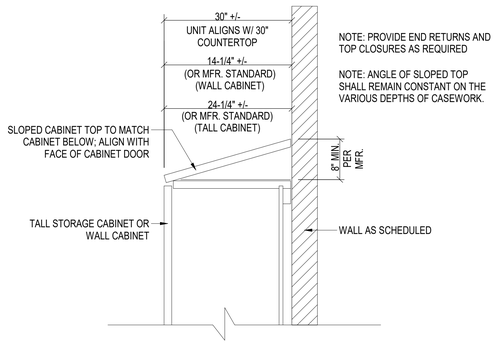
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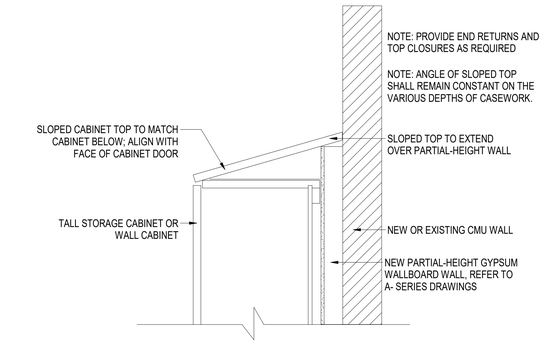
8 KNEESPACE DETAIL - SOUND BOOTH
NOT TO SCALE



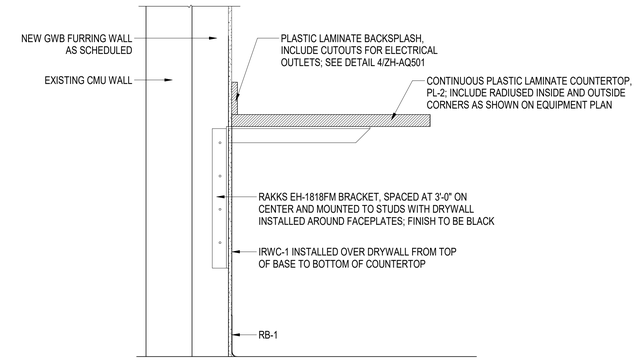
4 BACKSPLASH DETAIL
NOT TO SCALE



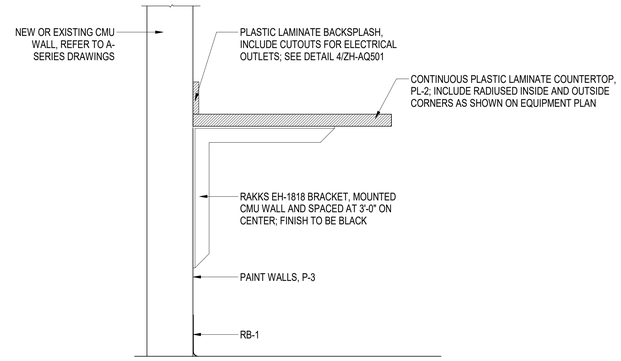
5 DRESSING - SLOPED TOP CASEWORK
SCALE: 1" = 1'-0"



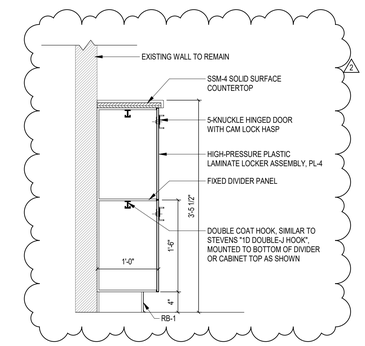
6 REHEARSAL - SLOPED TOP CASEWORK
SCALE: 1" = 1'-0"



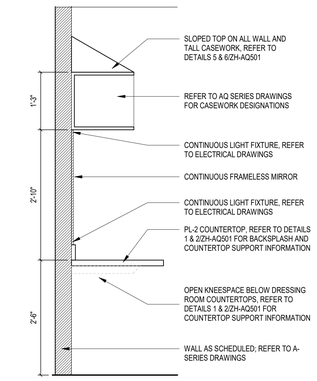
1 TYPICAL KNEESPACE DETAIL - GWB WALLS
NOT TO SCALE



2 TYPICAL KNEESPACE DETAIL - CMU WALLS
NOT TO SCALE



7 WT-01 LOCKER ASSEMBLY DETAIL
SCALE: 1" = 1'-0"



3 DRESSING ROOM CASEWORK SECTION
SCALE: 3/4" = 1'-0"

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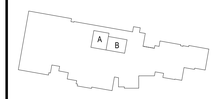
ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

ZIONSVILLE HIGH SCHOOL
1000 Mulberry St.
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT
FANNING HOWEY
317.848.0966 WWW.FHAI.COM
350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

ISSUED FOR BID

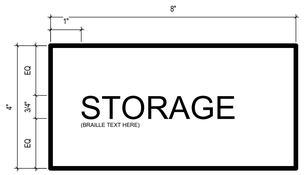
PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: AML
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM 2	01.08.2026

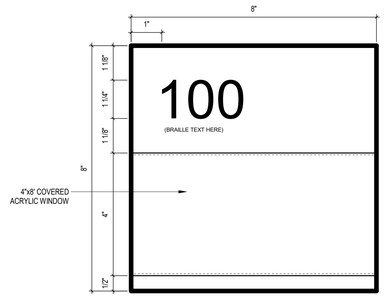
EQUIPMENT DETAILS

ZH-AQ501



ROOM SIGN TYPE **A**

SCALE: 6"=1'-0"



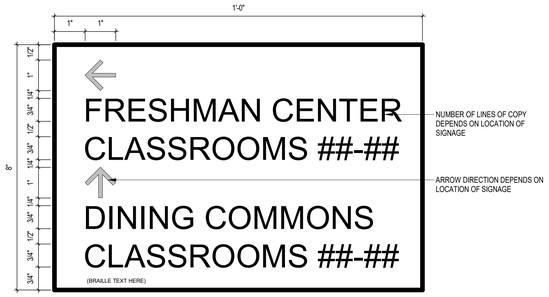
ROOM SIGN TYPE **B**

SCALE: 6"=1'-0"



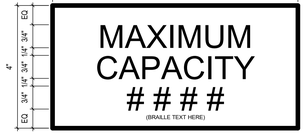
ROOM SIGN TYPE **F**

SCALE: 6"=1'-0"



ROOM SIGN TYPE **G**

SCALE: 6"=1'-0"



- COPY CENTERED VERTICALLY AND HORIZONTALLY ON 4x8 SIGN AS INDICATED.
- AUDITORIUM:

ROOM SIGN TYPE **H**

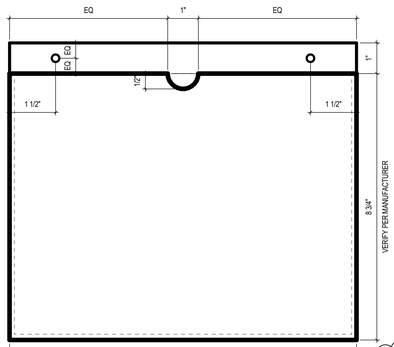
SCALE: 6"=1'-0"



- MOUNT ON DOOR

ROOM SIGN TYPE **L**

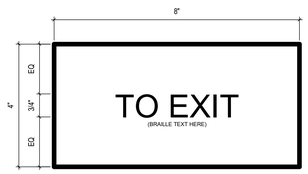
SCALE: 6"=1'-0"



- ACRYLIC WALL MOUNT SIGN HOLDER TO BE MANUFACTURED IN ORDER TO FIT STANDARD 8.5"x11" SIGN IN LANDSCAPE ORIENTATION.
- 3 CLOSED SIDES.
- MECHANICALLY FASTENED TO WALL AT DESIGNATIONS INDICATED ON PLANS.
- PRE-DRILLED MOUNTING HOLES AT REAR ACRYLIC PANEL ONLY TO BE LOCATED AT 1" EXTENSION TAB AS SHOWN.
- INCLUDE THUMB NOTCH AT FRONT ACRYLIC PANEL ONLY.
- COORDINATE INSTALLATION OF SIGNS WITH OWNER PRIOR TO FIELD INSTALLATION TO AVOID ALL CONFLICTS WITH OBSTRUCTIONS.

ROOM SIGN TYPE **X**

SCALE: 6"=1'-0"



- COPY CENTERED VERTICALLY AND HORIZONTALLY ON 4x8 SIGN AS INDICATED.

ROOM SIGN TYPE **M**

SCALE: 6"=1'-0"

SIGNAGE GENERAL NOTES:

SIGN BACKGROUND COLOR:	*COPY/GRAPHIC COLOR:*	*SIGN FONT:*
MATCH SW7669 SUMMIT GRAY	WHITE	NEXABOLD

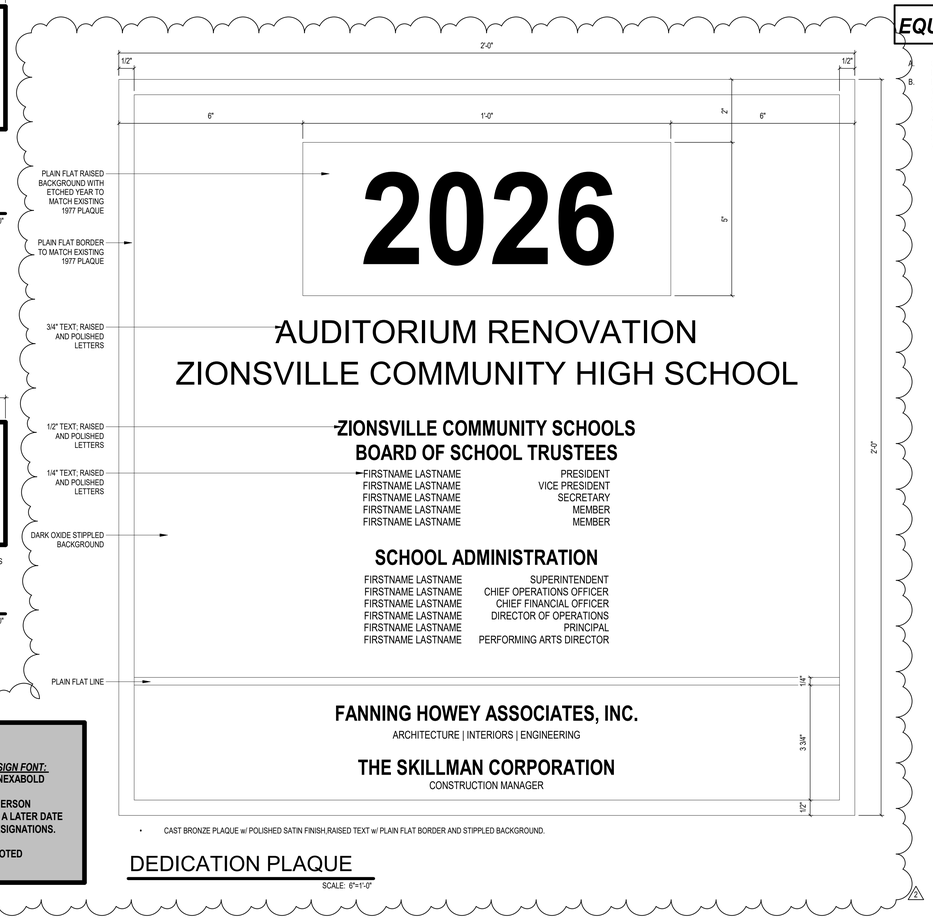
- **INSTALL SIGN TYPE "X" IN ALL SPACES OCCUPIED BY MORE THAN 1 PERSON**
- **COPY (ROOM NUMBERS & ROOM DESIGNATIONS) TO BE SUPPLIED AT A LATER DATE UPON RECEIPT OF OWNER SUPPLIED ROOM NUMBERS AND ROOM DESIGNATIONS.**
- **REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.**
- **ALL DIMENSIONS INDICATED ARE TYPICAL PER SIGN TYPE, UNLESS NOTED OTHERWISE.**

PLASTIC LAMINATE CASEWORK SCHEDULE

TYPE	NO.	SIZE W	SIZE D	SIZE H	DESCRIPTION
		<varies>		<varies>	
B	40	1'-6"	2'-0"	2'-10"	BASE UNIT WITH ONE DRAWER, ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	67	2'-6"	2'-0"	2'-10"	BASE UNIT WITH TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
B	83	3'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
B	204	3'-6"	2'-6"	2'-10"	BASE UNIT WITH TWO DRAWERS, ONE VERTICAL DIVIDER, TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
BS	122	3'-0"	2'-0"	2'-0"	ADULT ADA SINK BASE UNIT WITH A REMOVABLE ACCESS PANEL.
D	19	1'-9"	2'-0"	2'-10"	DRAWER UNIT WITH THREE EQUAL DRAWERS. 6-1/2 INCHES DEEP INSIDE.
D	20	2'-0"	2'-0"	2'-10"	DRAWER UNIT WITH THREE EQUAL DRAWERS. 6-1/2 INCHES DEEP INSIDE.
TO	14	2'-0"	2'-0"	6'-7"	OPEN TALL UNIT WITH FIVE ADJUSTABLE SHELVES. INCLUDE SLOPED TOP.
TO	15	2'-6"	2'-0"	7'-0"	OPEN TALL UNIT WITH FIVE ADJUSTABLE SHELVES. INCLUDE SLOPED TOP.
W	13	1'-3"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
W	44	3'-0"	1'-2"	2'-0"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS
WM	1	2'-3"	1'-2"	1'-4"	MICROWAVE CABINET WITH 2 UPPER DOORS AND 22"D OPEN SHELF BELOW. INCLUDE CUTOUT FOR OUTLET IN BACK OF OPENING.
WO	5	2'-3"	1'-5"	1'-3"	OPEN WALL UNIT WITH SLOPED TOP.
WO	6	2'-6"	1'-5"	1'-3"	OPEN WALL UNIT WITH SLOPED TOP.
WO	7	2'-9"	1'-5"	1'-3"	OPEN WALL UNIT WITH SLOPED TOP.
WO	8	3'-0"	1'-5"	1'-3"	OPEN WALL UNIT WITH SLOPED TOP.
WO	9	3'-3"	1'-5"	1'-3"	OPEN WALL UNIT WITH SLOPED TOP.
WO	10	3'-6"	1'-5"	1'-3"	OPEN WALL UNIT WITH SLOPED TOP.
WSS	1	1"	2'-0"	6 1/2"	COUNTERTOP SUPPORT.
WSS	2	1 1/2"	2'-0"	2'-6"	COUNTERTOP SUPPORT.
WT	64	1'-0"	1'-0"	7'-0"	TWO-TIER LOCKER UNIT WITH ONE-PIECE FOX DOOR AND ONE CAM LOCK HASP PER OPENING. SIMILAR TO STEVENS LOCKER 71052. REFER TO DETAIL 7/ZH-AQ501.

METAL CASEWORK SCHEDULE

TYPE	NO.	SIZE W	SIZE D	SIZE H	DESCRIPTION
MB	01	3'-0"	2'-6"	2'-9 1/2"	BASE UNIT WITH TWO DRAWERS, ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
MD	10	2'-0"	2'-6"	2'-9 1/2"	DRAWER UNIT WITH FOUR EQUAL DRAWERS. 4-1/2 INCHES DEEP INSIDE.
MT	1	3'-0"	1'-6"	6'-0"	TALL METAL CASEWORK WITH ADJUSTABLE SHELVES AND OPEN BACK OR INTEGRATED POWER STRIPS FOR POWER ACCESS. SIMILAR TO GLOBAL INDUSTRIAL CABINET W883217753 (CABINET TO BE USED FOR CHARGING AND SECURING POWER TOOLS)
MW	1	3'-0"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
MW	2	2'-0"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
MW	3	3'-0"	1'-2"	2'-3"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.



- CAST BRONZE PLAQUE w/ POLISHED SATIN FINISH,RAISED TEXT w/ PLAIN FLAT BORDER AND STIPPLED BACKGROUND.

DEDICATION PLAQUE

SCALE: 6"=1'-0"

LIST OF FINISHES REFER TO AQ ARCH. DWG. SHEETS

EQUIPMENT MATERIALS

AUDITORIUM SEATING

IRWIN SEATING - CITATION THREE-QUARTER FOLD CHAIR WITH 15 DEGREE PITCH
REFER TO SPECS FOR ADDITIONAL INFORMATION
INCLUDE PLATES WITH AISLE AND SEAT NUMBERS
INCLUDE REMOVABLE SEATS AT ADA LOCATIONS AS SHOWN IN FLOOR PLAN

UPHOLSTERY: GRADE 7, TO BE SELECTED
POLY: STANDARD COLOR, TO BE SELECTED
LAMINATE END PANELS & AISLE ARM CAPS: TO BE SELECTED

LAMINATED HARDWOOD COUNTERTOP

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
BB	REFER TO SPECIFICATIONS	CLEAR COAT

HP PLASTIC LAMINATE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
PL-1 (DRESS CASEWORK)	WILSONART/ FORMICA/NEVAMAR	STANDARD LAMINATE, TO BE SELECTED
PL-2 (DRESS COUNTERS)	WILSONART/ FORMICA/NEVAMAR	STANDARD LAMINATE, TO BE SELECTED
PL-3 (WORKRM CASEWORK)	FORMICA	CHESTNUT WOODLINE 5884-58
PL-4 (LOCKERS)	WILSONART/ FORMICA/NEVAMAR	STANDARD LAMINATE, TO BE SELECTED

METAL CASEWORK

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
	TO BE SELECTED	TO BE SELECTED

SOLID PLASTIC TOILET COMPARTMENTS

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
	REFER TO SPECIFICATIONS	BLACK

SOLID SURFACE MATERIAL

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
SSM-1 (DRESS RM)	CORIAN / LX HAUSYS / STARON / WILSONART	GROUP 3, TO BE SELECTED
SSM-2 (WORKRM)	CORIAN / LX HAUSYS / STARON / WILSONART	GROUP 3, TO BE SELECTED
SSM-3 (AUD)	CORIAN / LX HAUSYS / STARON / WILSONART	GROUP 3, TO BE SELECTED
SSM-4 (LOCKER CTOP)	CORIAN / LX HAUSYS / STARON / WILSONART	GROUP 3, TO BE SELECTED

STAGE CURTAIN

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
SC-1 (DRESSING RM)	KM FABRICS / ENCORE	TO BE SELECTED
SC-2 (MAIN CURTAIN/BACK)	KM FABRICS / CHARISMA	TO BE SELECTED
SC-3 (TRAVELERS/BORDERS/LEGS)	KM FABRICS / PRISM	BLACK

- REFER TO DIVISION 11, DIVISION 26 & DRAWING ZH-E-402 FOR ADDITIONAL CURTAIN AND RIGGING INFORMATION 2

KICKPLATES

STAINLESS STEEL

EQUIPMENT MATERIAL & FINISH GENERAL NOTES

A. COLOR SELECTION OF ALL FINISHES FOR ARCHITECTURAL WOODWORK/CUSTOM CASEWORK ITEMS ARE NOTED ON CASEWORK ELEVATIONS AND DETAIL DRAWINGS.
B. EDUCATION CASEWORK FINISHES ARE AS FOLLOWS:
1. HIGH PRESSURE PLASTIC LAMINATE COUNTERTOPS AND WORKSURFACES ARE TO BE PL-2, UNLESS OTHERWISE NOTED.
2. HIGH PRESSURE PLASTIC LAMINATE CABINETS/VERTICAL SURFACES ARE TO BE PL-1, UNLESS OTHERWISE NOTED.
3. INTERIOR MELAMINE TO BE WHITE
4. 3MM AND 1MM PVC EDGES ON COUNTERTOPS AND WORKSURFACES ARE TO MATCH PL-2.
5. 3MM AND 1MM PVC EDGES ON CASEWORK ARE TO MATCH PL-1.
6. HANDLES TO BE BRUSHED CHROME.
7. HINGES TO BE BRUSH CHROME.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

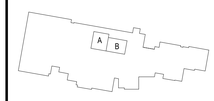
ZIONSVILLE HIGH SCHOOL
1000 Mulberry St.
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

N

ISSUED FOR BID

PAULA A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: AML
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM 2	01.08.2026

CASEWORK SCHEDULES AND EQUIPMENT LIST OF FINISHES

ZH-AQ601

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ELECTRICAL ABBREVIATIONS

ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

#	NUMBER
(N)P(N)W	NUMBER OF POLES, NUMBER OF WIRES
ACU	AIR CONDITIONING UNIT
AF	AMP FRAME
AFC	ABOVE FINISHED COUNTERTOP
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLER UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AID	ADDRESSABLE INTERFACE DEVICE
AR	AS REQUIRED
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
A/V	AUDIO VISUAL
B	BLANK
BPS	BOLTED-PRESSURE CONTACT SWITCH
C	CONDUIT (GENERIC TERM FOR RACEWAY, PROVIDE AS SPECIFIED)
Cd	CANDELA
CLG	CEILING MOUNTED
CAM	CAMERA
CL	LIGHTING CONTACTOR
COL	COLUMN
CMF	COMBINATION MOTOR FUSIBLE STARTER
CUH	CABINET UNIT HEATER
D	DEMO TABLE
DC	DIRECT CURRENT
DED	DEDICATED DEVICE ON INDIVIDUAL BRANCH CIRCUIT
DF	DUAL FACE
DIA	DIAMETER
DIST/R	DISTRIBUTION
DPST	DOUBLE POLE SINGLE THROW
DPDT	DOUBLE POLE DOUBLE THROW
DT	DUST-TIGHT
EBJ	EQUIPMENT BONDING JUMPER ON LOAD SIDE OF AN OVER-CURRENT DEVICE
EC	ELECTRICAL CONTRACTOR
EM	WIRED ON EMERGENCY CIRCUIT
EOL	END OF LINE
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EX	EXISTING
F	FLUSH
F@	FUSED AT
FA	FIRE ALARM
FBO	FURNISHED BY OTHERS
FCU	FAN COIL UNIT
FDN	FOUNDATION
FPB	FAN POWERED BOX
FRE	FIBERGLASS REINFORCED EPOXY CONDUIT
FS	FLOW SWITCH
H-O-A	HAND-OFF-AUTO
HTP	HEAT PUMP
KEC	KITCHEN EQUIPMENT CONTRACTOR
K/O	KNOCK-OUT
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
LFNC	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT
LS	LIMIT SWITCH
LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS AND GROUND FAULT TRIP ADJUSTMENTS TO BE PROVIDED ON A CIRCUIT BREAKER
LV	LOW VOLTAGE
MATV	MASTER ANTENNA TV
MBJ	MAIN BONDING JUMPER
MC/ER	MAIN CROSS-CONNECT/EQUIPMENT ROOM
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
M.H.	MANHOLE (ON SITE PLAN)
MH	MOUNTING HEIGHT (ON PLAN), ALL MOUNTING HEIGHTS FOR DEVICE BOXES ARE FROM FINISHED FLOOR TO BOTTOM OF BOX, UNO. VERIFY OUTLET LOCATIONS WITH OTHER TRADES BEFORE ROUGH-IN
MLO	MAIN LUGS ONLY
MOD	MOTOR OPERATED DISCONNECT SWITCH
MOCP	MAXIMUM OVER-CURRENT PROTECTION
MSB	MAIN SWITCHBOARD
MSC	MOTOR STARTER CENTER
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
MV	MEDIUM VOLTAGE
MZU	MULTI-ZONE HVAC UNIT
N	GROUNDED CIRCUIT CONDUCTOR (NEUTRAL)
+N	INDICATES MOUNTING HEIGHT (N) TO BOTTOM OF DEVICE FROM FINISH FLOOR, UNO
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NFS	NONFUSIBLE SWITCH
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NM	NONMETALLIC SHEATHED CABLE
NO	NORMALLY OPEN
NRTL	NATIONALLY RECOGNIZED TESTING LAB
NTS	NOT TO SCALE
OC	ON CENTER
OCPD	OVER-CURRENT PROTECTIVE DEVICE
PA	PUBLIC ADDRESS SYSTEM
PB	PULL BOX
PE	PNEUMATIC/ELECTRIC
PH	PROPELLER HEATER
PIV	POST INDICATING VALVE
PR	PAIR
PUH	PROPELLER UNIT HEATER
R	RELEASE
RAF	RETURN AIR FAN
RT	RAIN-TIGHT
RVS	REDUCE VOLTAGE STARTER
S	SURFACE
SBJ	SYSTEM BONDING JUMPER
SIG	SIGNAL
SN	SOLID NEUTRAL
SP	SPARE
SPL	SPLICE
SPDT	SINGLE POLE DOUBLE THROW
SPST	SINGLE POLE SINGLE THROW
SS	STAINLESS STEEL
SSBJ	SUPPLY-SIDE BONDING JUMPER
ST	SHUNT TRIP
STP	SHIELDED TWISTED PAIR
STL	CARBON STEEL
SUSP	SUSPENDED
SW	SWITCH
SWBD	SWITCHBOARD
TC	TELEPHONE CABINET
TCP	TEMPERATURE CONTROL PANEL
TEL/DATA	TELEPHONE/DATA
TEL	TELEPHONE
TERM	TERMINAL(S)
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TTB	TELEPHONE TERMINATION BOARD
UEF	UTILITY EXHAUST FAN
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UV	UNIT VENTILATOR
VG	VANDAL GUARD
VIF	VERIFY IN FIELD
VT	VAPOR-TIGHT
WG	WIRE GUARD
WH	WATTHOUR
WM	WALL MOUNTED
WP	WEATHERPROOF
WT	WATER-TIGHT
XFMR	TRANSFORMER

POWER SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING HEIGHT TO BOTTOM
	CONDUIT CONCEALED ABOVE CEILING OR IN WALL	
	CONDUIT CONCEALED IN OR BELOW FLOOR, OR UNDER GROUND	
X 1AL1-1	20 AMP, 125 VOLT, NEMA 5-20R DUPLEX RECEPTACLE WITH COMMON COVER PLATE MOUNTED VERTICALLY +16" TO BOTTOM. LETTER(S) IN FRONT INDICATES LOAD TYPE, SEE BELOW. SINGLE LINE INDICATES HORIZONTAL MOUNTING. DOUBLE LINE INDICATE QUAD, DARK CENTER INDICATES ABOVE COUNTERTOP MOUNTING (44") NEMA 5-20R, UNO. CIRCUIT NUMBER (e.g. "1AL1-1") ADJACENT TO THE SYMBOL ON PLANS INDICATES PANELBOARD/CIRCUIT NUMBER SERVING RECEPTACLE, UNO. B RECEPTACLE WITH 20 AMP SINGLE POLE SWITCH IN 2 GANG BOX AND COMMON COVER PLATE C CASEWORK, COORDINATE WITH ARCHITECTURAL CO COPY MACHINE CM COFFEE MAKER E RED RECEPTACLE AND STAINLESS COVER PLATE, CONNECT TO BACKUP POWER GF GROUND FAULT CIRCUIT INTERRUPTING TYPE I ISOLATED GROUND M MONITOR - 60" AFF MW MICROWAVE R REFRIGERATOR - 48" AFF TL TWIST LOCK TR TAMPER RESISTANT U DUPLEX RECEPTACLE WITH (2) USB-C PORTS UR UNDER COUNTER REFRIGERATOR V VENDING MACHINE, FEED FROM 30 mA GFCI BREAKER IN PANELBOARD. VP WALL MOUNTED VIDEO PROJECTOR, 96" AFF UNO WB WHITEBOARD WC ELECTRIC WATER COOLER, FEED FROM 5 mA GFCI BREAKER IN PANELBOARD. WF WASHFOUNTAIN/LAVATORY. CONNECT TO NEAREST THROUGH FEED GFCI RECEPTACLE. WM WASHING MACHINE, FEED FROM 30 mA GFCI BREAKER IN PANELBOARD. WP WEATHER RESISTANT GFCI WITH IN-USE TYPE WEATHERPROOF COVER HINGED AT TOP X EXPLOSION PROOF	
	20 AMP SINGLE RECEPTACLE, NEMA 5-20R	16"
-30	SINGLE STRAIGHT BLADE RECEPTACLE, 30A, 125 VOLT, NEMA 5-30R	16"
-C	15 AMP SINGLE RECEPTACLE, SEMI-RECESSED WALL MOUNTED WITH CLOCK HANGER, NEMA 5-15R	76"
	20 AMP DUPLEX RECEPTACLE FLUSH CEILING MOUNTED , NEMA 5-20R	CLG
U	SINGLE FLUSH BOX WITH FOUR USB CHARGING PORTS, WITH DECORA STYLE COVER PLATE; MOUNTED ABOVE COUNTERTOP HEIGHT, UNO	44"
	SPECIAL POWER RECEPTACLE, AMPS, VOLTS AND NEMA CONFIGURATION AS DEFINED ON PLANS BY CODED NOTE	16"
	SINGLE STRAIGHT BLADE, SPECIAL RECEPTACLE, 20A, 125/250 VOLT, 3P, 4W, NEMA 14-20R	16"
W	SINGLE STRAIGHT BLADE, WELDING RECEPTACLE, 60A, 250 VOLT, 3P, 3W, NEMA 15-60R	44"
R	SINGLE STRAIGHT BLADE, RANGE RECEPTACLE, 50A, 125/250 VOLT, 3P, 4W, NEMA 14-50R	8"
D	SINGLE STRAIGHT BLADE, GROUNDED DRYER RECEPTACLE, 30A, 125/250 VOLT, 3P, 4W, NEMA 14-30R	32"
T	30 AMP, 120 VOLT, SINGLE TWIST LOCK RECEPTACLE, UNO, NEMA L5-30R	16"
F	20 AMP DUPLEX RECEPTACLE IN FLUSH FLOOR MOUNTED BOX,NEMA 5-20R. USE A CAST BOX AT GRADE LEVEL, USE A STAMPED STEEL BOX FOR UPPER FLOORS. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
T	20 AMP DUPLEX RECEPTACLE IN FIRE RATED POKE-THRU FLOOR DEVICE, NEMA 5-20R. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
P	20 AMP DUPLEX RECEPTACLE IN PEDESTAL MOUNTED ABOVE FLOOR SERVICE FITTING, NEMA 5-20R. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
	HIGH CAPACITY FLOOR BOX WITH 4 DUPLEX RECEPTACLES, NEMA 5-20R, UNO FOR POWER AND DATA. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
	COMMUNICATIONS/POWER POLE PRE-WIRED WITH 2 DUPLEX RECEPTACLES, WITH TWO J BOX ABOVE CEILING. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
	TWO 20 AMP DUPLEX RECEPTACLES IN BOX WITH COVER PLATE, PENDANT MOUNTED WITH 3/C, SJO CORD AND STRAIN RELIEF GRIPS.	84"
	2 CHANNEL MULTIOUTLET SURFACE RACEWAY ASSEMBLY WITH DUPLEX RECEPTACLES AND DATA OUTLETS. SEE TECHNOLOGY DRAWINGS. QUANTITY AS SHOWN OR PER SPEC.	-
	SINGLE CHANNEL MULTIOUTLET SURFACE RACEWAY PRE-WIRED ASSEMBLY WITH SINGLE RECEPTACLES. QUANTITY PER SPEC.	-

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION	MH	LEGEND NOTE
AID	ADDRESSABLE INTERFACE DEVICE	-	
H	HEAT DETECTOR, 190 DEGREES F FIXED TEMPERATURE (UNO), CEILING MOUNTED	CLG	
P SD D	ROUND INDICATES CEILING MOUNTED,SQUARE INDICATES DUCT MOUNTED, PHOTOELECTRIC SMOKE DETECTOR		
FAA	FIRE ALARM ANNUNCIATION PANEL	56"	
FAPS	FIRE ALARM POWER SUPPLY	-	
FAP	FIRE ALARM CONTROL PANEL	-	S
F F	AUDIBLE AND VISIBLE NOTIFICATION APPLIANCE (HORN/STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	T
S S	VOICE/ALARM COMMUNICATION AUDIBLE AND VISIBLE NOTIFICATION DEVICE (SPEAKER/STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	T
V V	VISIBLE NOTIFICATION APPLIANCE (STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	T
L L	VOICE/ALARM COMMUNICATIONS LOUDSPEAKER, CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 96" AFF	CLG	
F	MANUAL FIRE ALARM PULL STATION, AND AUDIBLE AND VISIBLE NOTIFICATION APPLIANCE ABOVE (HORN/STROBE), WALL MOUNTED	44"/80"	T
F	MANUAL FIRE ALARM PULL STATION, WALL MOUNTED	44"	
S S	VOICE/ALARM COMMUNICATIONS HORN TYPE LOUDSPEAKER, CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 96" AFF	CLG	
T	SMOKE DETECTOR BEAM TRANSMITTER	-	
R	SMOKE DETECTOR BEAM RECEIVER	-	
SD	SMOKE DAMPER ACTUATOR AND ASSOCIATED SMOKE DETECTOR, TYPE PER PLANS	-	
FS	WATER FLOW SWITCH CONNECTION	-	D
SV	SUPERVISORY VALVE TAMPER SWITCH CONNECTION	-	D
FH	SURFACE FIRE ALARM MAGNETIC DOOR HOLDER	6" BELOW TOP OF DOOR	
SH	SURFACE SECURITY ALARM MAGNETIC DOOR HOLDER	6" BELOW TOP OF DOOR	
S	ELECTRONIC RELEASE DOOR CLOSER	-	
B	FIRE ALARM BELL, WALL MOUNTED, WEATHERPROOF WHERE EXTERIOR MOUNTED	96"	
KH	MICRO SWITCH IN KITCHEN HOOD FOR FIRE SUPPRESSION SYSTEM. SUPPLIED BY OTHERS, WIRED BY EC.	HOOD	
PV	POST INDICATOR VALVE TAMPER SWITCH	-	
M	MULTI-TRIP DETECTION DEVICE		

POWER SYMBOLS

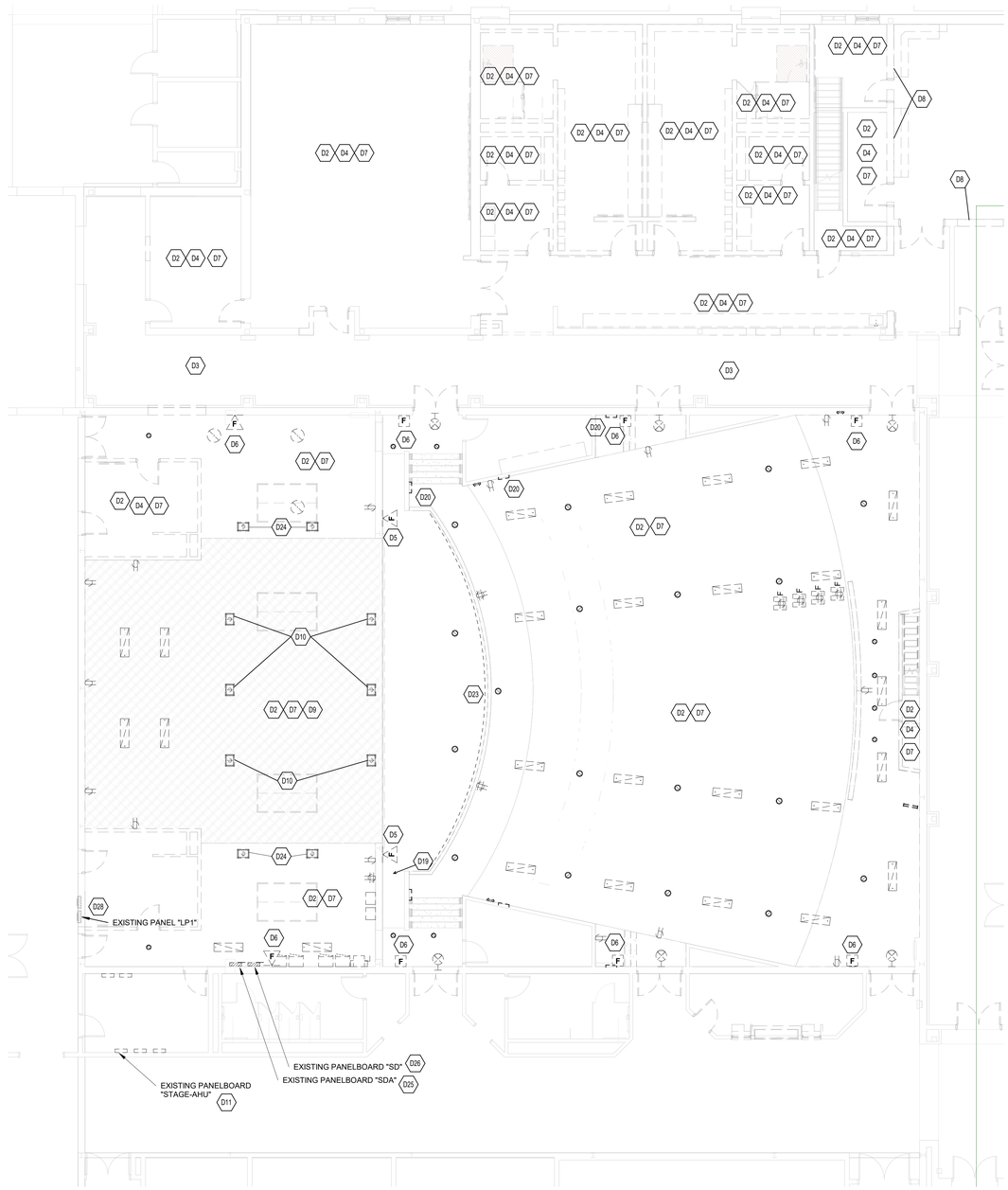
SYMBOL	DESCRIPTION	MH
	DISTRIBUTION PANEL. SEE ONE LINE DIAGRAM	-
	SURFACE CIRCUIT BREAKER PANELBOARD. SEE ONE LINE DIAGRAM	-
	FLUSH MOUNTED CIRCUIT BREAKER PANELBOARD. SEE ONE LINE DIAGRAM	-
M	UTILITY METER	-
	PUSH BUTTON STATION, TYPE INDICATED	44"
	PUSH BUTTON STATION, ON/OFF	44"
	PUSH BUTTON STATION, UP/DOWN/STOP	44"
	RECESSED ADA PUSH BUTTON FOR AUTOMATIC DOOR OPERATOR, FURNISHED BY OTHERS, INSTALLED BY DIV. 26	44"
	RECESSED ADA DOUBLE PUSH BUTTON FOR DUAL AUTOMATIC DOOR OPERATORS, FURNISHED BY OTHERS, INSTALLED BY DIV. 26	44"
	RED MUSHROOM ABORT SWITCH, WALL MOUNTED	44"
PC	PHOTOCELL AIMED NORTH	-
D	RECESSED WALL BOX FOR HAIR DRYER. CIRCUIT WITH 2#10, #10G IN 3/4" C TO PANEL INDICATED	-
H	RECESSED WALL BOX FOR HAND DRYER. CIRCUIT WITH 2#10, #10G IN 3/4" C TO PANEL INDICATED	-
B	CIRCUIT BREAKER DISCONNECT SWITCH, 30A - 3 POLE, UNO	48"
	NON-FUSED DISCONNECT, 3 POLE, NEMA 1, UNO. 30 AMP UNO. -WP SUFFIX DESIGNATES NEMA 3R ENCLOSURE. -WP4X SUFFIX DESIGNATES NEMA 4X STAINLESS STEEL ENCLOSURE.	48"
F 100A-3P	FUSED DISCONNECT, 3 POLE, NEMA 1, UNO. 30 AMP UNO. -WP SUFFIX DESIGNATES NEMA 3R ENCLOSURE. -WP4X SUFFIX DESIGNATES NEMA 4X STAINLESS STEEL ENCLOSURE.	48"
	MAGNETIC STARTER, 30 AMP - 3 POLE, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP - 3 POLE CIRCUIT BREAKER DISCONNECT SWITCH, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP - 3 POLE MOTOR CIRCUIT PROTECTOR (MCP) DISCONNECT SWITCH, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP - 3 POLE FUSED DISCONNECT SWITCH, NEMA SIZE 1, UNO, WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
MP	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION AND PILOT LIGHT, UNO. FLUSH MOUNTED IN FINISH SPACES.	44"
M	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION, UNO. FLUSH MOUNTED IN FINISH SPACES.	44"
F	MANUAL MOTOR STARTER, NO OVERLOADS. FLUSH MOUNTED IN FINISH SPACES.	44"
T	SPRING WOUND TIMER, HP RATED	44"
C	CONTROL SWITCH FOR DEVICES SUCH AS MOTORIZED SHADES, SOLAR LIGHT TUBES, PROJECTION SCREENS, ETC. FURNISHED BY OTHERS, INSTALLED FLUSH MOUNTED WITH COVER PLATE AND WIRED BY DIV. 26	44"
C	ELECTRICALLY HELD CONTACTOR WITH H-O-A SWITCH, 30A - 3P, UNO. REFER TO SPECIFICATION FOR REQUIREMENTS.	48"
C	COMBINATION ELECTRICALLY HELD CONTACTOR, WITH H-O-A SWITCH AND 30 AMP - 3P CIRCUIT BREAKER DISCONNECT SWITCH, UNO. REFER TO SPECIFICATION FOR REQUIREMENTS.	48"
TC	DIGITAL TIME CLOCK SWITCH	60"
VFC	VARIABLE FREQUENCY CONTROLLER, FURNISHED BY DIV. 23 CONTRACTOR, INSTALLED BY DIV. 26 CONTRACTOR, UNO. COORDINATE FINAL MOUNTING HEIGHT.	60"
ATS	AUTOMATIC TRANSFER SWITCH, REFER TO SINGLE LINE DIAGRAM. COORDINATE FINAL MOUNTING HEIGHT. REFER TO SPECIFICATIONS FOR REQUIREMENTS	60"
R	RELAY	-
A	AQUASTAT	-
SV	SOLENOID VALVE	-
T	THERMOSTAT	-
	MOTOR	-
T	DRY TYPE TRANSFORMER	-
SPD	SURGE PROTECTIVE DEVICE. REFER TO SPECIFICATION FOR REQUIREMENTS.	-
GAP	GENERATOR ANNUNCIATOR PANEL	56"
	UTILITY POLE	-
J J	JUNCTION BOX, PIGTAIL INDICATED FLEXIBLE CONDUIT CONNECTION TO EQUIPMENT	-
	CEILING PADDLE FAN WITH JUNCTION BOX SECURELY MOUNTED TO STRUCTURE	CLG
RAP	REFRIGERANT DETECTION AND ALARM: REFRIGERANT MONITOR CONTROL PANEL	56"
R	REFRIGERANT DETECTION AND ALARM: SENSOR	-
RV	REFRIGERANT DETECTION AND ALARM: NOTIFICATION APPLIANCE	-
RBA	REFRIGERANT DETECTION AND ALARM: SELF CONTAINED BREATHING APPARATUS	56"
CP	CONTROL PANEL SUPPLIED BY VENDOR, INSTALLED AND WIRED BY CONTRACTOR. COORDINATE FINAL MOUNTING HEIGHT	-

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION	MH
HB	OCCUPANCY SENSOR - CEILING MOUNTED (UNO), HIGH BAY INFRARED, 360 DEGREE PATTERN, 36' DIA. COVERAGE PATTERN (MIN.) AT 20' MOUNTING HEIGHT. PROVIDE WITH RELAY OPTION.	CLG
H	OCCUPANCY SENSOR - CEILING MOUNTED, ULTRASONIC AND INFRARED SENSOR FOR CORRIDOR & HALLWAY APPLICATIONS, 56'x16' (MIN.) RECTANGULAR SHAPED COVERAGE PATTERN. PROVIDE WITH RELAY OPTION. "/\" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG
CT	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "/\" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG
CD	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "/\" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS. PROVIDE WITH INTEGRAL DAYLIGHT SENSOR.	CLG
CI	OCCUPANCY SENSOR - CEILING MOUNTED, INFRARED, 360 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION.	CLG
CU	OCCUPANCY SENSOR - CEILING MOUNTED, ULTRASONIC, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "/\" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG
CT	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, DIRECTIONAL/180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION. PROVIDE WITH CEILING MOUNTING BRACKET ACCESSORY IF NOT SUPPLIED AS STANDARD WITH SENSOR. "/\" PORTION OF SYMBOL INDICATES AIMING.	CLG
CI	OCCUPANCY SENSOR - CEILING MOUNTED, INFRARED, DIRECTIONAL/180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION. PROVIDE WITH CEILING MOUNTING BRACKET ACCESSORY IF NOT SUPPLIED AS STANDARD WITH SENSOR. "/\" PORTION OF SYMBOL INDICATES AIMING.	CLG
WT	OCCUPANCY SENSOR - WALL MOUNTED, DUAL TECHNOLOGY, 180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION.	96"
WI	OCCUPANCY SENSOR - WALL MOUNTED, INFRARED, 180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION.	96"
ST	OCCUPANCY SENSOR - WALL SWITCH TYPE, DUAL TECHNOLOGY WITH MANUAL OVERRIDE SWITCH	44"
ST 2	OCCUPANCY SENSOR - DUAL LEVEL WALL SWITCH TYPE, DUAL TECHNOLOGY WITH MANUAL OVERRIDE SWITCH	44"
SI	OCCUPANCY SENSOR - WALL SWITCH TYPE,INFRARED WITH MANUAL OVERRIDE SWITCH	44"
DS	DAYLIGHT SENSOR	CLG
K	KEY OPERATED SWITCH, NUMBER INDICATES NUMBER OF POLES, 277V, 20A, FLUSH UNO	44"
-3	SWITCH, NUMBER INDICATES NUMBER OF POLES, 277V, 20A, FLUSH UNO	44"
MK	MOMENTARY CONTACT SNAP KEYED SINGLE POLE SWITCH, DOUBLE THROW, CENTER-OFF	44"
MC	MOMENTARY CONTACT SNAP SINGLE POLE SWITCH, DOUBLE THROW, CENTER-OFF	44"
L	SINGLE POLE SWITCH, 277V, 20A, FLUSH UNO WITH LIGHTED HANDLE	44"
a	SINGLE POLE SWITCH, 277V, 20A, FLUSH UNO TYPICAL, SUBSCRIPT a, b, c INDICATES WHICH LUMINAIRE THAT WILL BE CONTROLLED VIA SWITCH LEG	44"
P	SINGLE POLE SWITCH, 277V, 20A, FLUSH UNO WITH PILOT LIGHT	44"
D	WALL BOX DIMMER 277V, 1200 WATT MINIMUM, FLUSH, UNO. PROVIDE WATTAGE SIZE TO EXCEED CIRCUIT LOAD	44"
LC	LIGHTING CONTACTOR, MECHANICALLY HELD, 30A - 3P WITH H-O-A SWITCH, UNO	48"
LC	COMBINATION LIGHTING CONTACTOR, MECHANICALLY HELD, WITH H-O-A SWITCH AND 30A - 3P CIRCUIT BREAKER, UNO	48"
LRP	LIGHTING RELAY PANEL	-
	DOWNLIGHT LUMINAIRE, APPROXIMATE SIZE INDICATED	-
	DOWNLIGHT LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	-
	WALL SCONCE LUMINAIRE	-
	WALL MOUNTED EXIT SIGN, DIRECTIONAL ARROWS AS SHOWN	96"
	CEILING MOUNTED EXIT SIGN, SHADED PORTION(S) INDICATES SINGLE OR DOUBLE FACE	CLG
	ARM MOUNTED AREA LUMINAIRE	-
	POLE TOP AREA LUMINAIRE	-
	TRACK HEAD LUMINAIRE	-
	EMERGENCY LIGHTING UNIT WITH 2 HEADS AND BATTERY	76"
	WALL-BRACKET LUMINAIRE, APPROXIMATE SIZE INDICATED	-
	WALL-BRACKET LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	-
	RECESSED LUMINAIRE, APPROXIMATE SIZE INDICATED. ("NL", INDICATES NIGHT LIGHT FIXTURES)	CLG
	RECESSED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG
	SURFACE OR PENDANT MOUNTED LUMINAIRE, APPROXIMATE SIZE INDICATED	CLG
	SURFACE OR PENDANT MOUNTED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG
	PENDANT LUMINAIRE, APPROXIMATE SIZE INDICATED	CLG
	PENDANT LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG
	AIMABLE LUMINAIRE, CARROT INDICATING DIRECTION OF AIMING	-

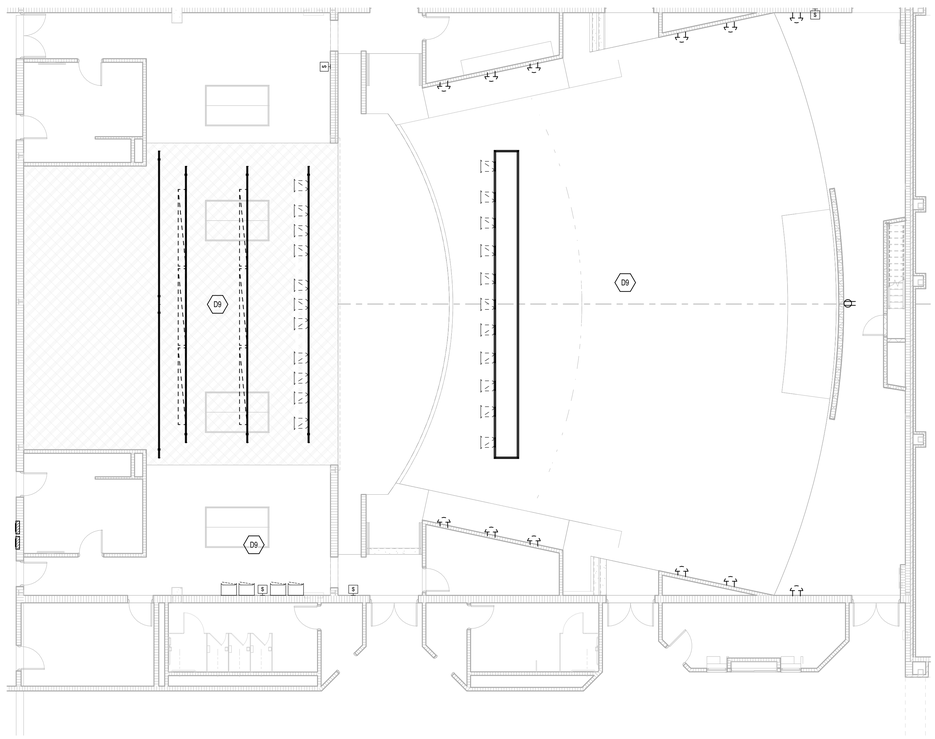
ELECTRICAL GENERAL NOTES

1. THE TERM "PROVIDE" INDICATES CONTRACTOR SHALL FURNISH AND INSTALL ITEMS AND CONNECT AS REQUIRED TO OBTAIN A COMPLETE AND OPERABLE SYSTEM.
2. COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL PLANS, CASEWORK, WINDOWS, WALL FINISHES, EQUIPMENT, AND OTHER TRADES PRIOR TO ROUGH IN. DEVICES ARE INTENDED TO BE ACCESSIBLE, DO NOT INSTALL BEHIND CASEWORK, DOORS OR EQUIPMENT UNLESS INDICATED ON PLANS. NOTIFY ARCHITECT IN WRITING OF CONFLICTS PRIOR TO PROCEEDING WITH WORK.
3. WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE AND NATIONAL CODES INCLUDING, BUT NOT LIMITED TO NFPA 70 (NATIONAL ELECTRIC CODE), NFPA 72, NFPA 101, INTERNATIONAL BUILDING CODE, ETC.
4. CONFLICTS BETWEEN THE APPLICABLE CODES, STANDARDS, AND THE PLANS AND SPECIFICATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH WORK.
5. REFER TO TECHNOLOGY PLANS FOR COMMUNICATIONS, SECURITY AND ACCESS CONTROL.
6. CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND DESIGN REQUIREMENTS CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES WITH ALL AMENDMENTS AS ADOPTED.
7. ADDITIONAL ELECTRICAL REQUIREMENTS MAY BE SHOWN ON PLANS FROM OTHER DISCIPLINES IN THIS SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLANS AND SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE PROJECT REQUIREMENTS.
8. WHERE CONFLICTS ARE FOUND BETWEEN DRAWINGS, DETAILS, OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY. NOTIFY ARCHITECT OF DISCREPANCY IN WRITING.
9. INITIATING WORK CONSTITUTES CONTRACTOR ACCEPTANCE OF THE EXISTING CONDITIONS ASSOCIATED WITH THE WORK IN QUESTION.
10. CONTRACTOR SHALL CONTACT UTILITIES AND VERIFY UTILITY REQUIREMENTS PRIOR TO COMMENCING CONSTRUCTION. CONFLICTS BETWEEN UTILITY REQUIREMENTS AND THE PLANS OR SPECIFICATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH WORK. CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH THE UTILITY COMPANY TO REVIEW REQUIREMENTS. INCOMING SERVICE CONDUITS AND SUBSTRUCTURES SHALL BE INSTALLED PER UTILITY COMPANY STANDARDS.
11. THESE DRAWINGS AND SPECIFICATIONS DO NOT INDICATE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND IS RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFE PRACTICES.
12. DRAWINGS ARE DIAGRAMMATIC IN NATURE AND CANNOT SHOW EVERY CONNECTION, JUNCTION BOX, WIRE, AND CONDUIT, ETC. THE EXACT LOCATIONS AND ARRANGEMENT OF PARTS SHALL BE DETERMINED AS THE WORK PROGRESSES. ITEMS NOT INDICATED ON DRAWINGS REASONABLY INFERRED TO BELONG TO THE WORK DESCRIBED SHALL BE FURNISHED AND INSTALLED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
13. WORK SHALL BE COORDINATED WITH EXISTING CONDITIONS, NEW CONSTRUCTION, OWNER'S VENDORS, OTHER TRADES, AND THEIR DOCUMENTS. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING HIS BID. CONTRACTOR SHALL CONTACT OWNER FOR AN APPOINTMENT TO VISIT THE SITE.
14. AN INSULATED GROUND CONDUCTOR SIZED PER NEC SHALL BE PROVIDED WITH EACH FEEDER AND BRANCH CIRCUIT.
15. PROVIDE A DEDICATED NEUTRAL FOR EACH LINE TO NEUTRAL CIRCUIT. MULTI-WIRE BRANCH CIRCUITS ARE NOT PERMITTED UNLESS SPECIFICALLY INDICATED ON PLANS.
16. MINIMUM WIRE SIZE IS #12 AWG. SEE SPECIFICATIONS FOR MINIMUM CONDUIT SIZE.
17. CONDUIT SHALL BE CONCEALED WHEREVER POSSIBLE ABOVE CEILINGS, INSIDE WALLS, OR UNDER FLOOR SLAB WHERE SHOWN ON DRAWINGS. IN AREAS WITH NO CEILING, RUN EXPOSED CONDUIT AS HIGH AS POSSIBLE AND PARALLEL TO NEARBY SURFACES OR EXISTING RACEWAYS. CONDUIT SHALL NOT BE INSTALLED IN FLOOR SLAB UNLESS SPECIFICALLY INDICATED ON PLANS AND WHERE APPROVED BY STRUCTURAL ENGINEER. DO NOT INSTALL MC CABLE IN EXPOSED LOCATIONS.
18. CONTRACTOR SHALL PROVIDE RIGID METAL SLEEVES TO FACILITATE PATHWAYS THROUGH FULL HEIGHT WALLS FOR ELECTRICAL AND TELECOMMUNICATION WIRING.
19. PROVIDE TEMPORARY OR PERMANENT END CAPS FOR STUBBED CONDUITS. PROVIDE INSULATED THROAT BUSHINGS FOR CONDUITS INTENDED TO REMAIN OPEN ENDED.
20. SEE ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE RATED ASSEMBLIES AND SMOKE BARRIERS. SEAL PENETRATIONS IN ACCORDANCE WITH UL AND PROJECT SPECIFICATIONS.
21. MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ABOVE FINISHED FLOOR ARE TO BOTTOM OF DEVICE UNO. MOUNTING HEIGHTS TO CEILING SUSPENDED DEVICES ARE TO BOTTOM OF DEVICE UNO.
22. PROVIDE SOUND INSULATING PUTTY AROUND DEVICES INSTALLED ON OPPOSITE SIDES OF A WALL IN THE SAME VERTICAL CHANNEL. IF



FIRST FLOOR ELECTRICAL DEMO PLAN - UNIT A

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



FIRST FLOOR THEATRICAL DEMO PLAN - UNIT A

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

DEMOLITION GENERAL NOTES

1. REFER TO ELECTRICAL SPECIFICANTS SECTIONS 260005 "ELECTRICAL DEMOLITION" FOR ADDITIONAL REQUIREMENTS THAT APPLY TO THIS DRAWING SHEET.
2. REMOVE ELECTRICAL EQUIPMENT COMPLETE

SHEET KEYNOTES

D2	DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES AND LIGHT SWITCHES IN THIS ROOM. EXISTING LIGHTING CIRCUITS ARE TO REMAIN IN PLACE FOR NEW LIGHTING. REFER TO LIGHTING SHEETS FOR ADDITIONAL REQUIREMENTS.
D3	EXISTING LIGHT FIXTURES AND FIRE ALARM DEVICES MOUNTED IN THE EXISTING CEILING ARE TO BE SUPPORTED IN PLACE WHILE THE EXISTING CEILING IS BEING REMOVED AND THE NEW CEILING IS BEING INSTALLED.
D4	EXISTING FIRE ALARM AND SMOKE DETECTION DEVICES IN THIS ROOM ARE TO BE DISCONNECTED AND REMOVED. INDICATOR DEVICES ARE TO BE REUSED FOR THE NEW FLOORPLAN LAYOUT. REFER TO SHEET "ZCHS-EF11A" FOR NEW LOCATION AND ADDITIONAL REQUIREMENTS.
D5	EXISTING FIRE ALARM DEVICE AT THIS LOCATION IS TO BE DISCONNECTED AND REMOVED. DEVICE IS TO BE REUSED. REFER TO SHEET "ZCHS-EF11A" FOR NEW LOCATION AND ADDITIONAL REQUIREMENTS.
D6	EXISTING FIRE ALARM DEVICE AT THIS LOCATION IS TO BE REMOVED FOR RENOVATION AND REINSTALLED AT INDICATED LOCATION AS SHOWN ON SHEET "ZH-EF110".
D7	DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL DEVICES IN THIS ROOM. TIE BACK EXISTING OVERHEAD LIGHTING CIRCUITS TO BE RESUED. REMOVE ALL OTHER DEVICES AND CIRCUITS BACK TO SOURCE.
D8	DISCONNECT AND REMOVE ANY EXISTING ELECTRICAL DEVICES IN THIS PORTION OF THE EXISTING WALL THAT IS BEING REMOVED. REWORK EXISTING TO REMAIN AS NECESSARY.
D9	DISCONNECT AND REMOVE ALL EXISTING THEATRICAL LIGHTING AND EQUIPMENT IN THIS ROOM. REMOVE ALL FIXTURES, CONNECTOR STRIPS, DIMMER RACKS, HOUSE LIGHTING TRANSFORMERS, CONTACTORS, RACEWAYS, AND CIRCUITS BACK TO SOURCE. EXISTING PANEL "SD".
D10	DISCONNECT AND REMOVE EXISTING THEATRICAL FLOOR BOX AT THIS LOCATION. REMOVE ALL WIRING BACK TO PANEL. CONDUITS TO BE REUSED AND EXTENDED IF APPLICABLE.
D11	EXISTING PANELBOARD TO BE RELOCATED. EXTEND FEEDERS AND CONDUIT TO NEW LOCATION. REFER TO SHEET "ZH-EP11A" FOR ADDITIONAL INFORMATION.
D19	EXISTING CONDUIT RUN THROUGH TEMPORARY STRUCTURE UNDER PIT COVER IS TO BE REMOVED AND REROUTED AT BOTTOM OF FIRST RISER TIGHT TO STEP RISER, TO ALLOW REMOVAL OF PIT COVER AND ACCESS TO STAIRS.
D20	DISCONNECT AND REMOVE STEP LIGHT AND ITS COVER. REMOVE WIRING AND CONDUITS BACK TO SOURCE.
D23	DISCONNECT AND REMOVE EXISTING STAGE EDGE SAFETY STRIP. CONDUITS AND CONDUCTORS TO REMAIN FOR NEW FIXTURE.
D24	DISCONNECT AND REMOVE EXISTING FLOOR BOX AT THIS LOCATION. REMOVE WIRING BACK TO SOURCE. CAP CONDUITS AND FILL FLOOR POCKET FLUSH WITH ADJACENT SLAB.
D25	DISCONNECT AND REMOVE EXISTING PANELBOARD "SDA". REMOVE ALL WIRING AND CONDUITS BACK TO SOURCE.
D26	EXISTING PANELBOARD "SD" TO BE REPLACED WITH NEW PANELBOARD "SD" AT NEW LOCATION. EXTENDED FEEDERS AND CONDUIT TO NEW LOCATION. REFER TO SHEET "ZH-EP11A" FOR MORE INFORMATION.
D28	DISCONNECT AND REMOVE EXISTING PANEL "LP1". EXTEND AND CONNECT EXISTING CIRCUIT 1 FOR THE HALLWAY LIGHTS TO 1HN12-2. REMOVE ALL OTHER EXISTING CIRCUIT WIRING AND CONDUITS. REMOVE PANEL FEEDERS BACK TO SOURCE AND UPDATE CIRCUIT DIRECTORIES ACCORDINGLY.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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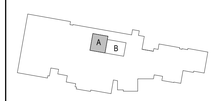
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ARCHITECT

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KEY PLAN

N

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE19800 STATE OF PROFESSIONAL ENGINEER

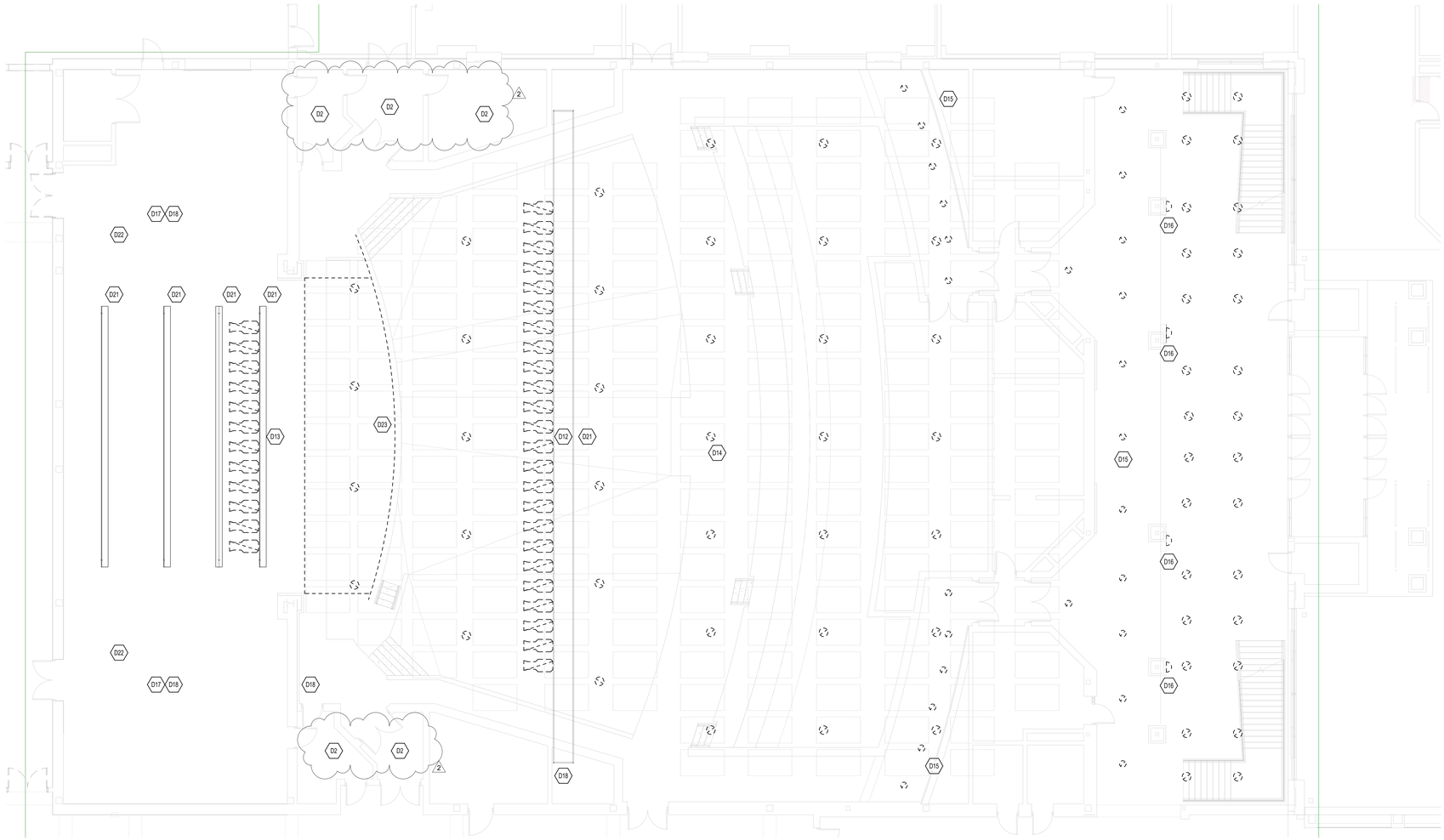
PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum 1	12.22.2025
2	Addendum 2	1.08.2026

FIRST FLOOR ELECTRICAL DEMO PLAN - UNIT A

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FIRST FLOOR ELECTRICAL DEMO PLAN - UNIT B

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

DEMOLITION GENERAL NOTES

1. REFER TO ELECTRICAL SPECIFICANTS SECTIONS 260005 "ELECTRICAL DEMOLITION" FOR ADDITIONAL REQUIREMENTS THAT APPLY TO THIS DRAWING SHEET.
2. REMOVE ELECTRICAL EQUIPMENT COMPLETE

SHEET KEYNOTES

D2	DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES AND LIGHT SWITCHES IN THIS ROOM. EXISTING LIGHTING CIRCUITS ARE TO REMAIN IN PLACE FOR NEW LIGHTING. REFER TO LIGHTING SHEETS FOR ADDITIONAL REQUIREMENTS.
D12	DISCONNECT AND REMOVE ALL ELLIPSOIDAL SPOT LIGHTS ON CATWALK.
D13	DISCONNECT AND REMOVE ALL NON-LED ELLIPSOIDAL SPOT LIGHTS ON FIRST ELECTRIC.
D14	DISCONNECT AND REMOVE ALL PENDANT HOUSE LIGHTS IN THIS ROOM. EXISTING CIRCUITS TO BE TIED BACK FOR REUSE.
D15	DISCONNECT AND REMOVE ALL CAN LIGHTS IN THIS ROOM. EXISTING CIRCUITS TO BE TIED BACK FOR REUSE.
D16	DISCONNECT AND REMOVE WALL SCONCE FIXTURES. EXISTING CIRCUITS TO BE TIED BACK FOR REUSE.
D17	DISCONNECT AND REMOVE ALL BLUE RUNNING LIGHTS BACKSTAGE. REMOVE ALL WIRING AND CONDUITS BACK TO SOURCE.
D18	DISCONNECT AND REMOVE ALL WORK LIGHTS BACKSTAGE AND ON CATWALKS. REMOVE ALL WIRING BACK TO SOURCE. CONDUITS TO REMAIN FOR REUSE.
2 △ D21	DISCONNECT AND REMOVE EXISTING THEATRICAL CONNECTOR STRIPS. REMOVING WIRING BACK TO DIMMER RACK. CONDUITS TO REMAIN FOR REUSE.
D22	DISCONNECT AND REMOVE EXISTING THEATRICAL STAGEPIN PIGTAIL OUTLETS COMING FROM GRID-IRON. REMOVE WIRING BACK TO DIMMER RACK. CONDUITS TO REMAIN FOR REUSE.
D23	DISCONNECT AND REMOVE EXISTING STAGE EDGE SAFETY STRIP. CONDUITS AND CONDUCTORS TO REMAIN FOR NEW FIXTURE.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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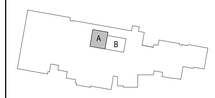
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KEY PLAN

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BRIAN W. BUTLER
REGISTERED
No.
PE19830
STATE OF
INDIANA
PROFESSIONAL ENGINEER

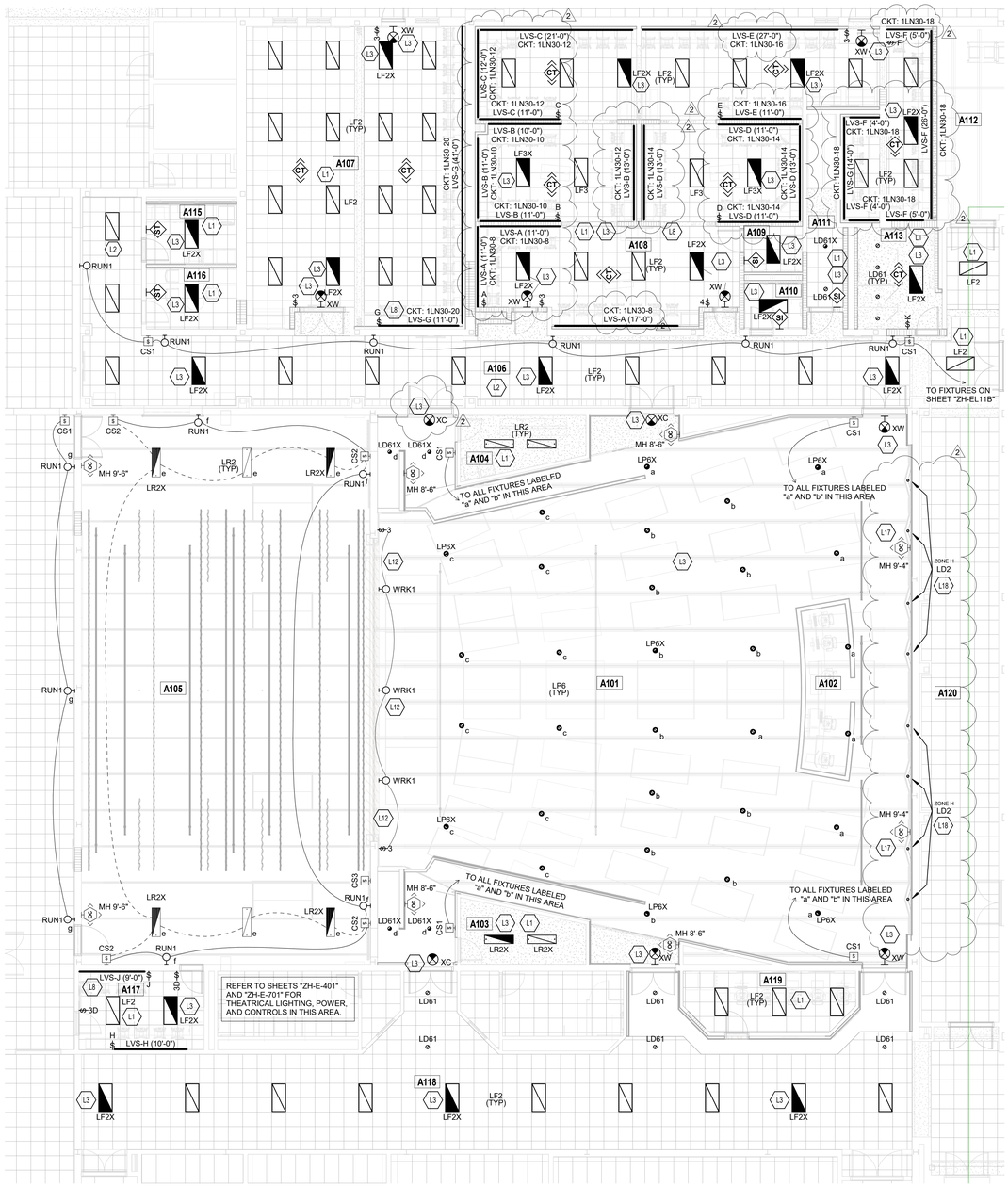
PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO. △	DESCRIPTION	DATE
2	Addendum 2	1.08.2026

FIRST FLOOR ELECTRICAL DEMO PLAN - UNIT B

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FIRST FLOOR LIGHTING PLAN - UNIT A

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

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
A101	C205	AUDITORIUM	4393 SF
A102	C205G	SOUND BOOTH	144 SF
A103	C205B	STORAGE	129 SF
A104	C205 F	STORAGE	129 SF
A105	-	STAGE	3703 SF
A106	C3	CORRIDOR	1538 SF
A107	C141	REHEARSAL ROOM	1223 SF
A108		MAKE-UP / DRESSING ROOM	1996 SF
A109		TOILET / CHANGING ROOM	51 SF
A110		STAFF TOILET	51 SF
A111	C3 MZ	MEZZANINE ACCESS	118 SF
A112	C131	SCENE SHOP	1170 SF
A113		RESTROOM	155 SF
A114	C1	CORRIDOR	1914 SF
A115		WORKROOM	104 SF
A116	C143	OFFICE	107 SF
A117	C205C	STAGE PREP	188 SF
A118	C5	CORRIDOR	1946 SF
A119	C205A	VIDEO PRODUCTION ROOM	190 SF
A120	C6	CORRIDOR	913 SF
A121	C4	CORRIDOR	4045 SF
A122	C206F	VOCAL STORAGE	171 SF
A123	C206E	RISER STORAGE	263 SF
A124	C204F	BAND STORAGE/PERCUSSION	357 SF
A125		INSTRUMENTS	554 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"3E/E-ZCHS-E-501"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L1	WIRE NEW LIGHTING IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT IN THIS AREA.
L2	RE-INSTALL EXISTING LIGHT FIXTURES IN THIS CORRIDOR IN THEIR EXISTING LOCATION AFTER NEW CEILING IS INSTALLED.
L3	EMERGENCY LIGHT FIXTURES AND EXIT SIGNS ARE TO BE WIRED TO NEAREST EXISTING EMERGENY LIGHTING CIRCUIT IN THIS AREA.
L8	OCCUPANCY SENSORS AND SWITCHES IN THIS ROOM TO CONTROL ALL CEILING LIGHT FIXTURES WHILE LOCAL SWITCHES CONTROL MIRROR LIGHTS. REFER TO ARCHITECTURAL DRAWINGS FOR INSTALLATION OF MIRROR LIGHTS AT TOP AND BOTTOM OF MIRRORS IN THIS AREA.
L12	MOUNT WORK LIGHT FIXTURES TO WALL IN PIT AT 5'-6" FROM BOTTOM OF PIT. COORDINATE LOCATION WITH TEMPORARY STRUCTURE OF PIT COVER. SWITCH HEIGHTS MEASURED FROM BOTTOM OF PIT.
L17	MOUNT OCCUPANCY SENSORS ON TRIM OF WALL PANELS. REFER TO ELEVATION 2/ZH-AF201.
L18	MOUNT LD2 FIXTURES IN PLYWOOD AT BOTTOM OF WALL PANELS. REFER TO INTERIORS DETAIL FOR MOUNTING INFORMATION.

DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/CASEWORK/ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ALL LIGHT FIXTURES INSTALLED IN LAY-IN TYPE CEILINGS SHALL BE SUPPORTED AT TWO CORNERS OF THE LIGHT FIXTURE, PER DETAIL "3E" AND ALSO ATTACHED TO THE CEILING GRID AT EACH CORNER USING SEISMIC CLIPS OR SCREWS. SEE SPECIFICATION SECTION 265100 FOR ADDITIONAL REQUIREMENTS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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KEY PLAN

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ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE19700028 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

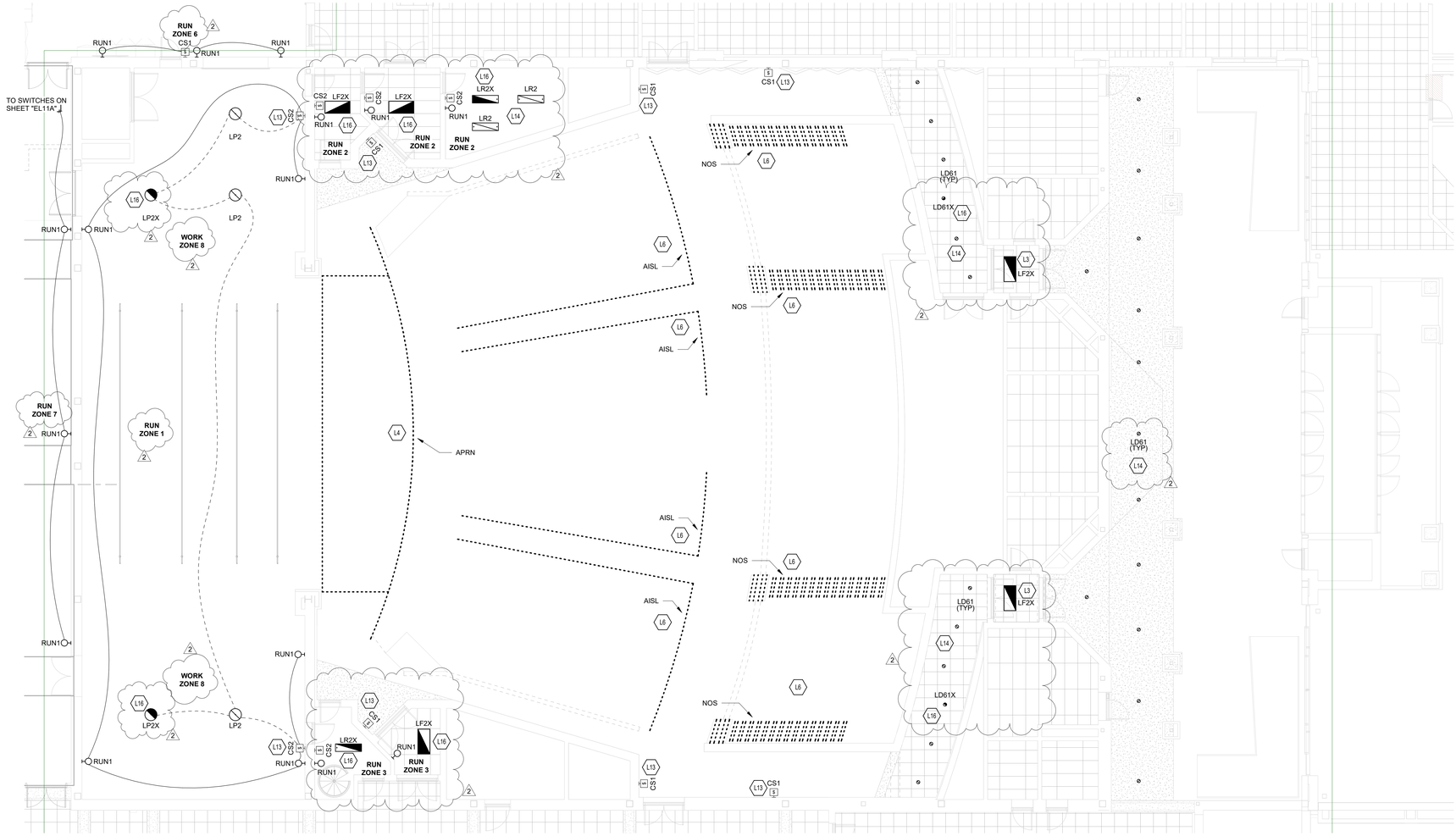
REV. NO.	DESCRIPTION	DATE
1	Addendum 1	12.22.2025
2	Addendum 2	1.09.2026

FIRST FLOOR LIGHTING PLAN - UNIT A

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ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)



FIRST FLOOR LIGHTING PLAN - UNIT B

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

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"3E/E-ZCHS-E-501"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

SHEET KEYNOTES

L3	EMERGENCY LIGHT FIXTURES AND EXIT SIGNS ARE TO BE WIRED TO NEAREST EXISTING EMERGENY LIGHTING CIRCUIT IN THIS AREA.
L4	APRON EDGE SAFETY LIGHTS ARE TO BE INSTALLED IN EXISTING LOCATION AND FLUSH IN FLOOR.
L6	AISLE STRIP LIGHTS ARE TO BE INSTALLED AT CARPET TRANSITION WITHOUT DISTURBING EXISTING CARPET. REUSE EXISTING JUNCTION BOXES AND CONDUITS FROM EXISTING SEAT STEP LIGHTS.
L13	REPLACE EXISTING CONTROL STATION AT THIS LOCATION WITH NEW.
L14	WIRE NEW LIGHTING IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT IN THIS AREA THROUGH A UNISON FOUNDRY RELAY CONTROLLER TO ALLOW THESE FIXTURES TO BE CONTROLLED WITH THE THEATRICAL SYSTEM.
L16	EMERGENCY LIGHT FIXTURES ARE TO BE WIRED TO NEAREST EXISTING EMERGENY LIGHTING CIRCUIT IN THIS AREA THROUGH A UNISON FOUNDRY RELAY CONTROLLER TO ALLOW THESE FIXTURES TO BE CONTROLLED WITH THE THEATRICAL SYSTEM.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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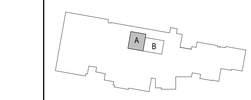
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KEY PLAN

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ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
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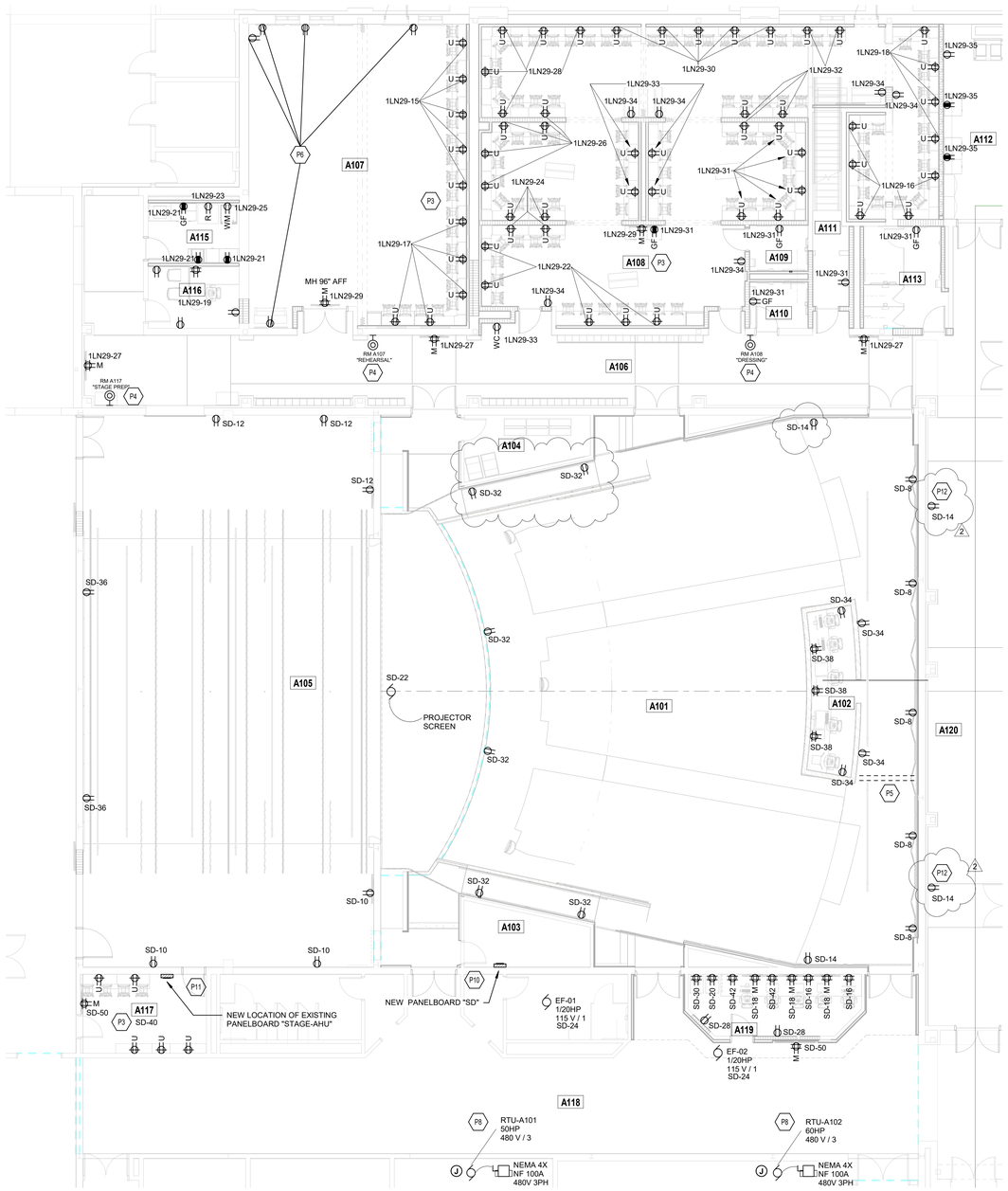
FIRST FLOOR LIGHTING PLAN - UNIT B

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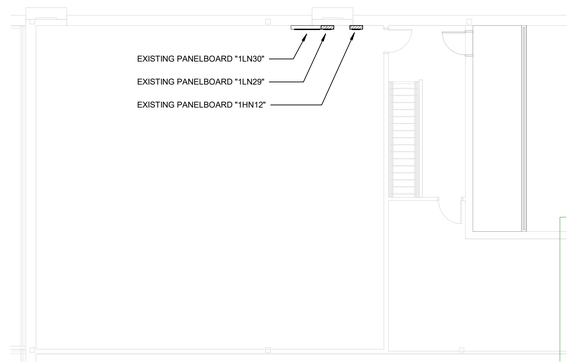
ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
A101	C205	AUDITORIUM	4393 SF
A102	C205G	SOUND BOOTH	144 SF
A103	C205B	STORAGE	129 SF
A104	C205 F	STORAGE	129 SF
A105	-	STAGE	3703 SF
A106	C3	CORRIDOR	1538 SF
A107	C141	REHEARSAL ROOM	1223 SF
A108		MAKE-UP / DRESSING ROOM	1996 SF
A109		TOILET / CHANGING ROOM	51 SF
A110		STAFF TOILET	51 SF
A111	C3 MZ	MEZZANINE ACCESS	118 SF
A112	C131	SCENE SHOP	1170 SF
A113		RESTROOM	155 SF
A114	C1	CORRIDOR	1914 SF
A115		WORKROOM	104 SF
A116	C143	OFFICE	107 SF
A117	C205C	STAGE PREP	188 SF
A118	C5	CORRIDOR	1946 SF
A119	C205A	VIDEO PRODUCTION ROOM	190 SF
A120	C6	CORRIDOR	913 SF
A121	C4	CORRIDOR	4045 SF
A122	C206F	VOCAL STORAGE	171 SF
A123	C206E	RISER STORAGE	263 SF
A124	C204F	BAND STORAGE/PERCUSSION	357 SF
A125		INSTRUMENTS	554 SF
A201		MEZZANINE ACCESS	219 SF
A202		MECHANICAL MEZZANINE	1916 SF
A203		STORAGE	439 SF
A204		STORAGE	188 SF



FIRST FLOOR POWER PLAN - UNIT A

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



MECHANICAL MEZZANINE

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

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL ALL NEW AND EXISTING RECEPTACLES WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
10. EXISTING BACK BOXES AND CONDUITS FROM EXISTING RECEPTACLES MAY BE REUSED IF AVAILABLE IN SAME LOCATION.

SHEET KEYNOTES

P3	ALL HORIZONTAL COUNTERTOP RECEPTACLES MOUNTED AT 2'-7" AFF.
P4	PILOT LIGHT, RED LED INDICATOR TO BE ON WHEN ANY HORIZONTAL COUNTERTOP RECEPTACLES IN THE INDICATED ROOM HAVE A LOAD CONNECTED TO THEM. SEE PILOT LIGHT DETAIL FOR ADDITIONAL INFORMATION.
P5	TRENCH AT LOCATION AND RUN (4) 1 INCH CONDUITS TO BOOTH.
P6	EXISTING RECEPTACLES TO REMAIN. REPLACE FACEPLATE WITH NEW.
P8	CONNECT NEW RTU TO EXISTING CIRCUIT IN "STAGE AHU" PANEL. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF RTU. CONNECT UNIT CONVENIENCE RECEPTACLE AND LIGHTING TO CIRCUIT SD-20.
P10	NEW PANELBOARD "SD" AT THIS LOCATION TO BE FED BY EXISTING FEEDERS FROM DEMOED PANELBOARD "SD". EXTEND EXISTING FEEDERS AND CONDUIT TO NEW LOCATION. ANY EXISTING BRANCH CIRCUIT CONDUITS THAT ARE REUSED ARE TO BE RUN TO NEW LOCATION.
P11	EXTEND EXISTING FEEDERS AND CONDUIT TO NEW LOCATION.
P12	RECIRCUIT EXISTING RECEPTACLE TO CIRCUIT INDICATED.

2

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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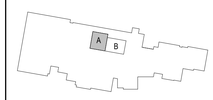
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KEY PLAN

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ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF INDIANA PROFESSIONAL ENGINEER

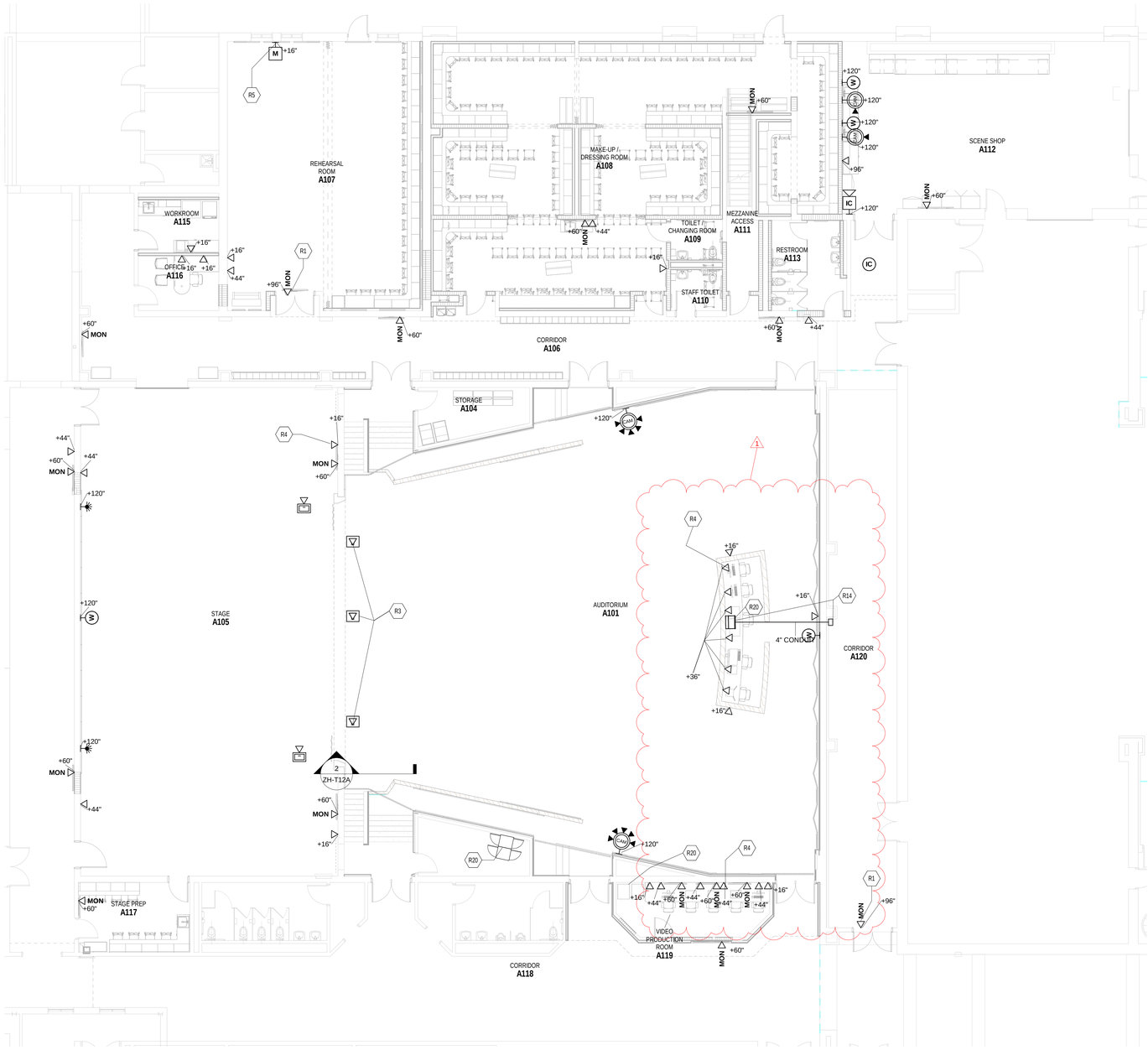
PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum 1	12.22.2025
2	Addendum 2	1.08.2026

FIRST FLOOR POWER PLAN - UNIT A

ZH-EP11A

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1 FIRST FLOOR AUDITORIUM TECHNOLOGY ROUGH-IN PLAN

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

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101	C205	AUDITORIUM	4393 SF
A102	C205G	SOUND BOOTH	144 SF
A103	C205B	STORAGE	129 SF
A104	C205 F	STORAGE	129 SF
A105	-	STAGE	3703 SF
A106	C3	CORRIDOR	1538 SF
A107	C141	REHEARSAL ROOM	1223 SF
A108		MAKE-UP / DRESSING ROOM	1996 SF
A109		TOILET / CHANGING ROOM	51 SF
A110		STAFF TOILET	51 SF
A111	C3 MZ	MEZZANINE ACCESS	118 SF
A112	C131	SCENE SHOP	1170 SF
A113		RESTROOM	155 SF
A114	C1	CORRIDOR	1914 SF
A115		WORKROOM	104 SF
A116	C143	OFFICE	107 SF
A117	C205C	STAGE PREP	188 SF
A118	C5	CORRIDOR	1946 SF
A119	C205A	VIDEO PRODUCTION ROOM	190 SF
A120	C6	CORRIDOR	913 SF
A121	C4	CORRIDOR	4045 SF
A122	C206F	VOCAL STORAGE	171 SF
A123	C206E	RISER STORAGE	263 SF
A124	C204F	BAND STORAGE/PERCUSSION	357 SF
B101	C203	PAC	7933 SF
B103		PIANO STORAGE	81 SF
FIRST FLOOR			
B102	C203C	STAGE	4675 SF

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

	NOTE
R1	WALL MOUNTED MONITOR LOCATION SHALL BE LOCATED ABOVE THE DOOR FRAME.
R3	FRONT OF STAGE MICROPHONE AND AUDIO DOUBLE GANG FACEPLATE WILL BE REDIRECTED THROUGH THE STAGE PIT AREA TO NEW STAGE FLOOR CUTOUTS.
R4	REFER TO SHEET T-602 FOR ROUGH IN BOX SIZES. LARGER BACKBOXES ARE NEEDED IN CERTAIN LOCATIONS.
R5	THE REMOTE AUDIO RACK SHALL HAVE A ROBUST STEEL CHASSIS AND SHALL BE PLACED IN A FLUSH MOUNT NEMA12X12" BOX.
R14	INSTALL 4" CONDUIT PATHWAY FROM ABOVE ACCESSIBLE CEILING TO NEW DESK A/V CABINET FOR NEW & FUTURE A/V CABLING INSTALLATION. IF DIRECT PATHWAY DOESNT WORK THE INTENT IS A PATHWAY FROM UNDERNEATH THE CONTROL BOOTH TO AN ACCESSIBLE CEILING PREFERRABLY EAST OR SOUTH.
R20	PROVIDE POWER TO NEW DATA/AV CABINET. COORDINATE WITH DIV 27 CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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KEY PLAN

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE10000000 STATE OF INDIANA PROFESSIONAL ENGINEER

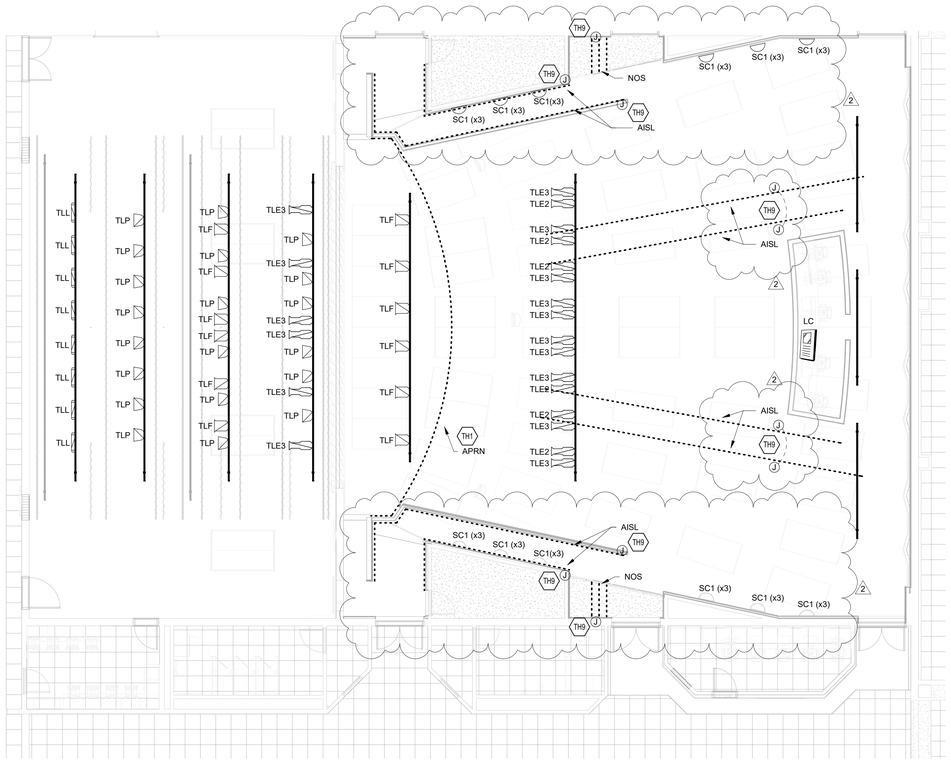
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DRAWN BY: CDT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	01.08.26

FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - AUDITORIUM

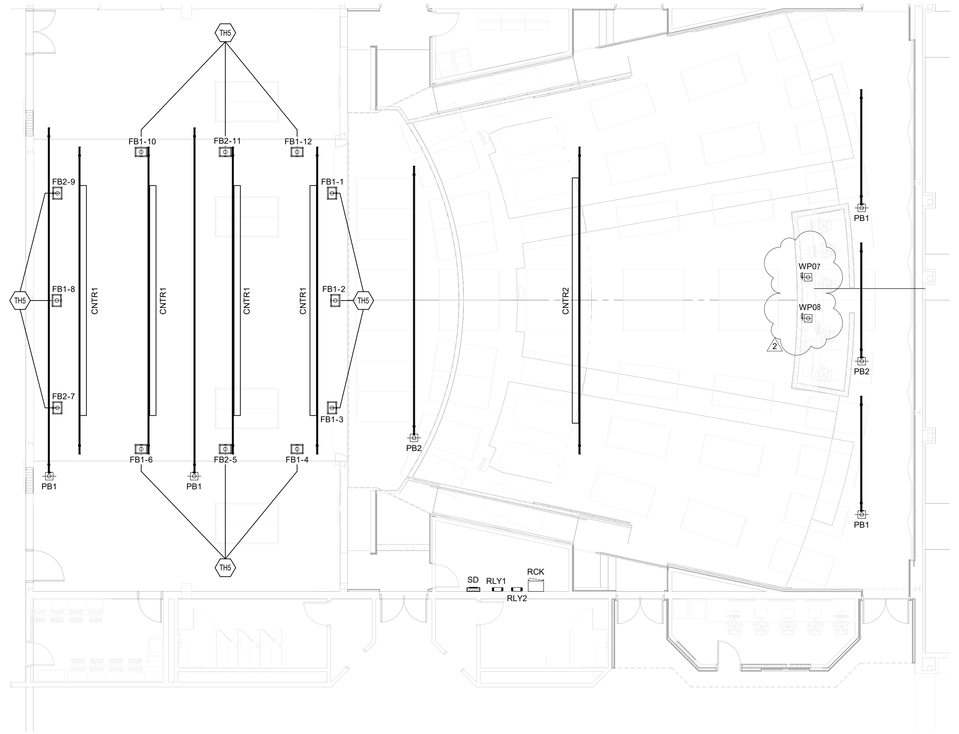
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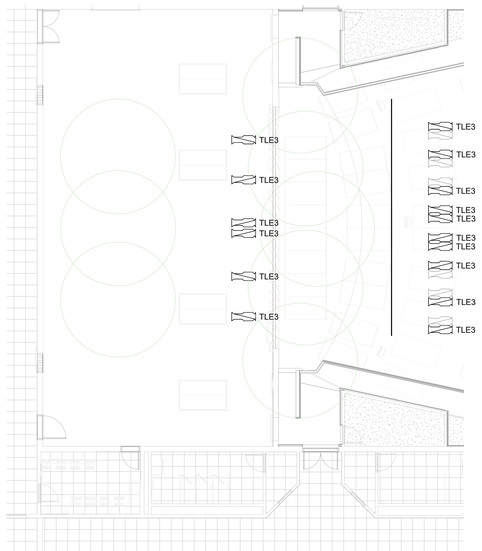
THEATRICAL LIGHTING - AUDITORIUM

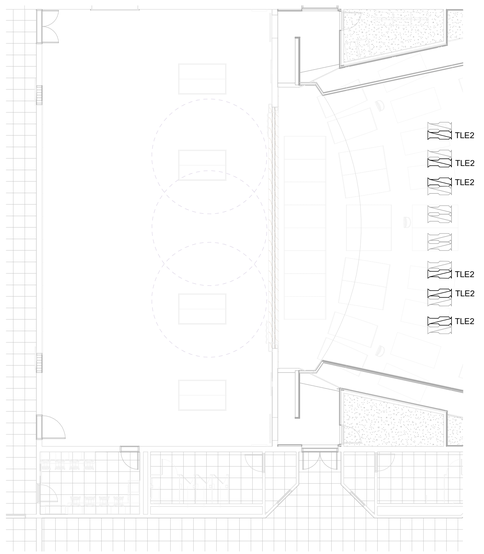
SCALE: 1/8" = 1'-0"



THEATRICAL POWER AND CONTROLS - AUDITORIUM

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





THEATRICAL LIGHTING FOCUS - AUDITORIUM

SCALE: 3/32" = 1'-0"

THEATRICAL PLAN GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
2. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
3. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
4. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
5. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALIC RACEWAY SYSTEM.
6. CONTRACTOR SHALL VERIFY PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINARIES AND PROVIDE LUMINARIES COMPATIBLE WITH CEILING TYPE.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP", IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGHOUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.

SHEET KEYNOTES

TH1	APRON EDGE SAFETY LIGHTS ARE TO BE INSTALLED IN SAME LOCATION AS EXISTING APRON EDGE SAFETY LIGHTS AND FLUSH IN FLOOR.
TH5	NEW FLOOR POCKETS IN NEW STAGE FLOOR. REUSE AND EXTEND EXISTING CONDUITS AS APPLICABLE. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
TH9	PROVIDE JUNCTION BOXES AND CONDUITS NECESSARY FOR ALL AISLE AND STAIR NOSING STRIP LIGHTS.

VERIFICATION NOTE

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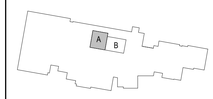
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ARCHITECT

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KEY PLAN

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ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE19900006 STATE OF INDIANA PROFESSIONAL ENGINEER

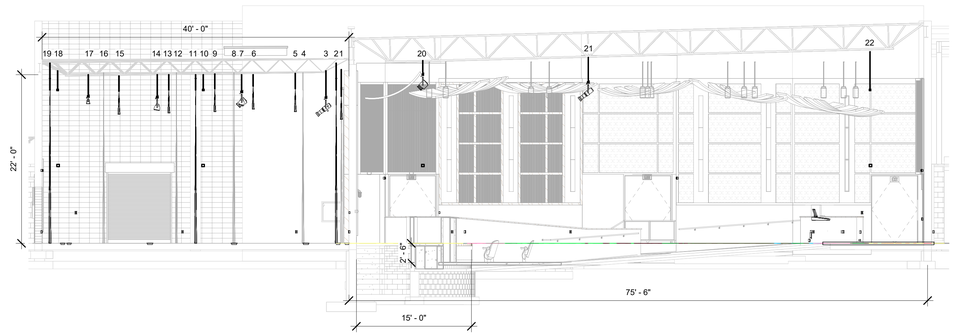
PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum 1	12.22.2025
2	Addendum 2	1.08.2026

THEATRICAL LIGHTING PLANS - AUDITORIUM

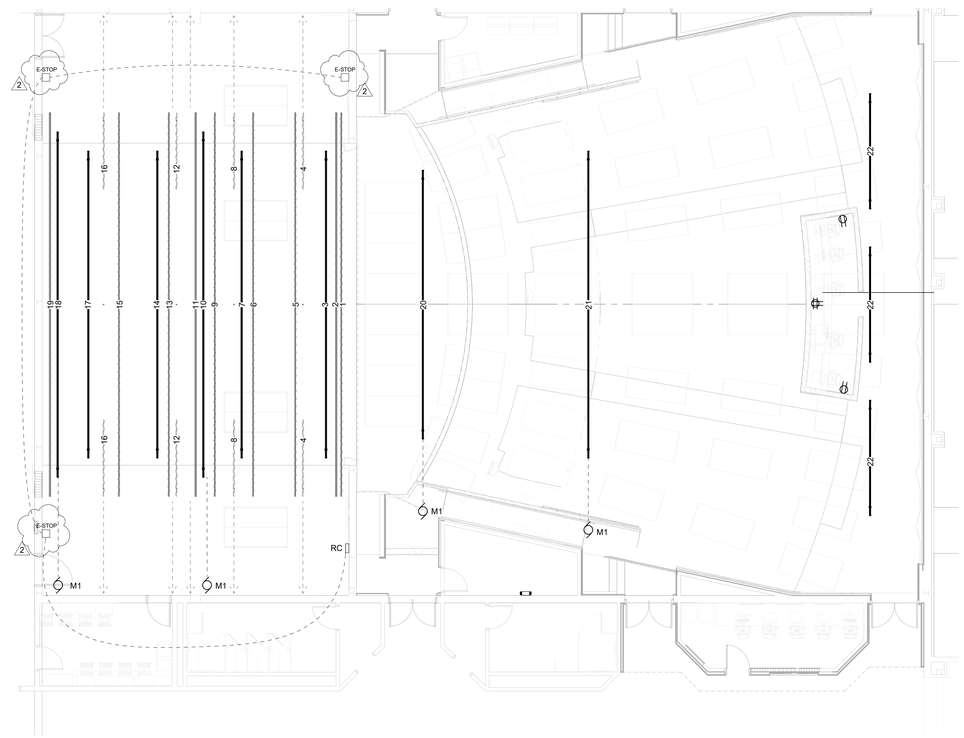
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AUDITORIUM SIDE VIEW

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



RIGGING - AUDITORIUM

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

RIGGING SET SCHEDULE

ITEM	CONTENTS	DISTANCE FROM PROSCENIUM	BATTEN HEIGHT	NOTES
1	MAIN BORDER	1'-0"	19'-2"	B, G
2	MAIN CURTAIN	1'-8"	20'-0"	A, D, G
3	FIRST ELECTRIC	3'-0"	19'-0"	B
4	LEG DROPS	6'-0"	20'-0"	F, G
5	BORDER CURTAIN	7'-0"	20'-2"	B, G
6	BORDER CURTAIN	12'-6"	20'-6"	B, G
7	SECOND ELECTRIC	14'-0"	19'-9"	B
8	LEG DROP	15'-0"	20'-0"	F, G
9	BORDER CURTAIN	17'-6"	20'-2"	B, G
10	SCENIC BATTEN	19'-0"	20'-0"	A, H
11	MID-STAGE TRAVELER	20'-0"	20'-0"	A, E, G
12	LEG DROPS	22'-6"	20'-0"	F, G
13	BORDER CURTAIN	23'-6"	20'-0"	B, G
14	THIRD ELECTRIC	25'-0"	19'-1"	B
15	BORDER CURTAIN	30'-0"	19'-10"	B, G
16	LEG DROP	32'-0"	20'-0"	F, G
17	FOURTH ELECTRIC	34'-0"	19'-2"	B
18	SCENIC BATTEN	38'-0"	20'-0"	A, H
19	REAR TRAVELER	39'-0"	20'-0"	A, D, G
20	APRON LIGHTING	8'-8"	22'-0"	B, H
21	FRONT LIGHTING	30'-3"	21'-0"	A, H
22	REAR HOUSE BATTENS	67'-0"	20'-0"	C

NOTES

A BATTEN LENGTH OF 52'-0".

B BATTEN LENGTH OF 45'-0".

C BATTEN LENGTH OF 15'-0".

D SET OF 2 TRACKS TO TRAVEL HORIZONTALLY FROM 1'-0" OVER CENTER STAGE TO 5'-0" BEYOND PROSCENIUM EDGE. TOTAL OF 24'-0" OF TRAVEL FOR EACH.

E SET OF 2 TRACKS TO TRAVEL HORIZONTALLY FROM WALL TO 1'-0" OVER CENTER STAGE. TOTAL OF 40'-0" OF TRAVEL FOR EACH.

F SET OF 2 TRACKS TO TRAVEL HORIZONTALLY FROM WALL TO 5'-0" BEYOND PROSCENIUM EDGE INTO STAGE. TOTAL OF 24'-0" OF TRAVEL FOR EACH.

G ALL CURTAINS OF MEDIUM WEIGHT VELOUR WITH THE FOLLOWING SIZES AND 50% ADDITIONAL FULLNESS.

MAIN CURTAIN:	2 PIECES EACH. 25'-0" WIDE X 20'-0" HIGH ON TRACKS
TRAVELERS:	2 PIECES EACH. 25'-0" WIDE X 20'-0" HIGH ON TRACKS
BORDERS:	1 PIECE EACH. 42'-0" WIDE X 3'-0" HIGH
LEGS:	2 PIECES EACH. 15'-0" WIDE X 20'-0" HIGH ON TRACKS

H MOTORIZED

THEATRICAL PLAN GENERAL NOTES

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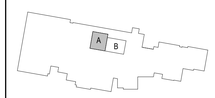
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ARCHITECT

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KEY PLAN

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ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE19800 STATE OF PROFESSIONAL ENGINEER

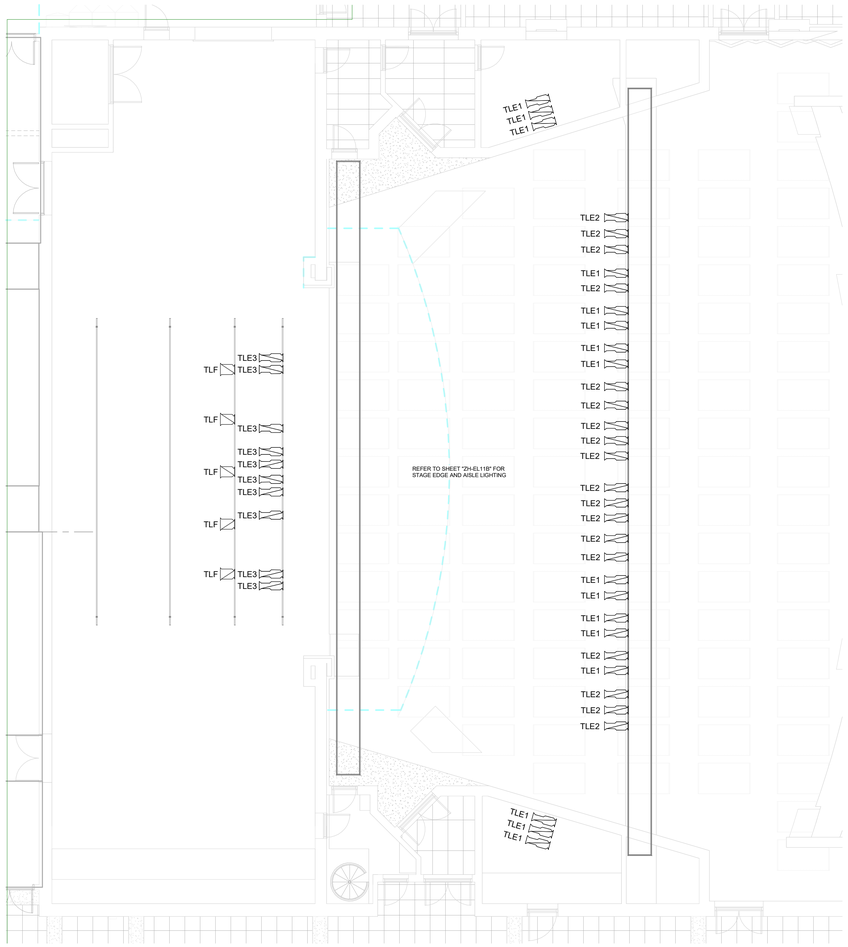
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DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	1.08.2026

THEATRICAL RIGGING PLANS - AUDITORIUM

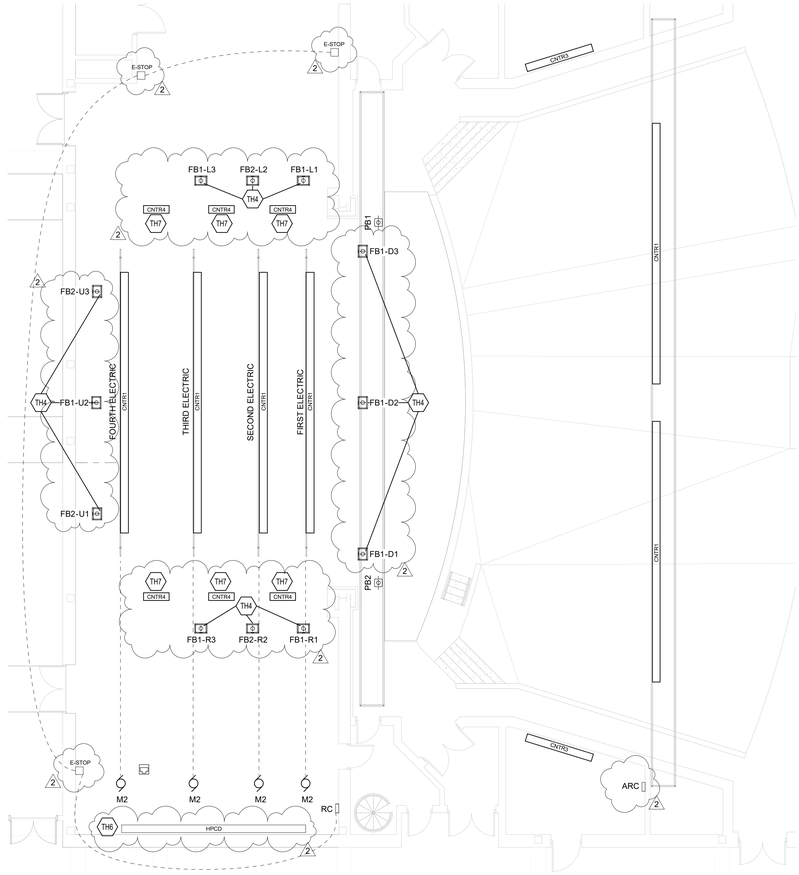
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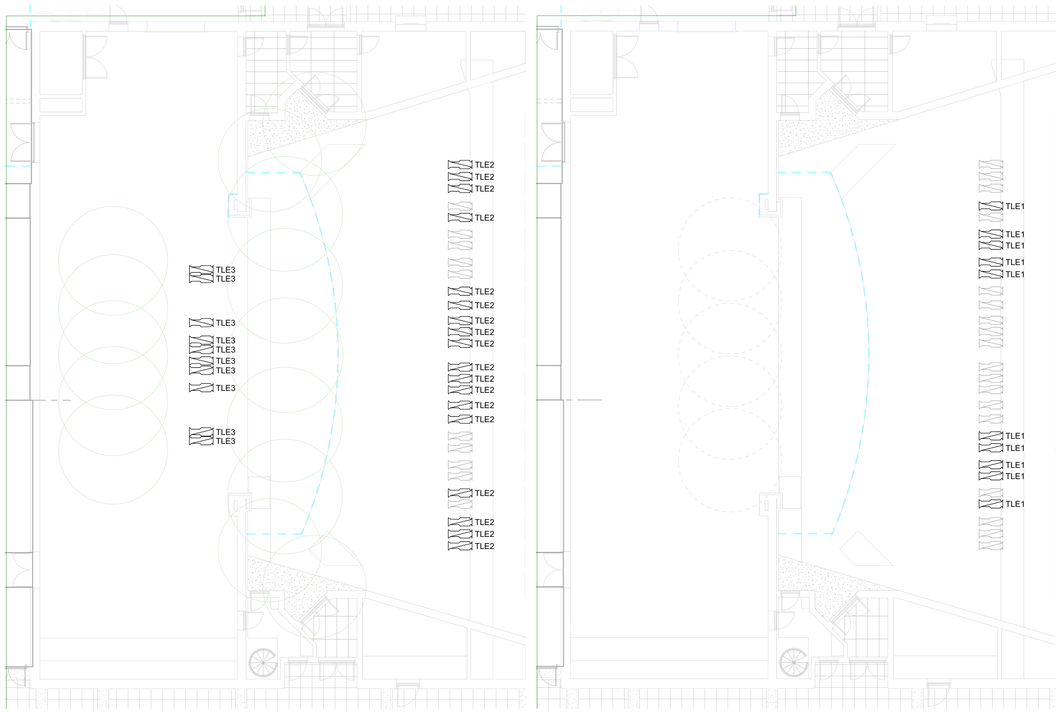
THEATRICAL LIGHTING - PAC

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



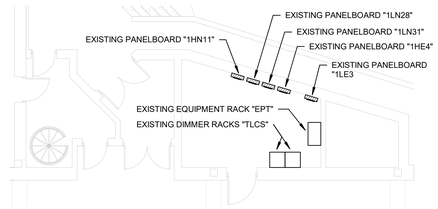
THEATRICAL POWER PLAN - PAC

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



THEATRICAL LIGHTING FOCUS - PAC

SCALE: 3/32" = 1'-0"



PAC ELECTRICAL ROOM

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

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8. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.

SHEET KEYNOTES

TH4	PROVIDE NEW FLOOR BOX COVER AND FACE PLATE IN EXISTING FLOOR POCKET. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
TH6	MOUNT HOIST POWER AND CONTROL DISTRIBUTION RACEWAY ABOVE LOADING BAY. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
TH7	REPLACE EXISTING PIGTAIL DROPS FROM GRID IRON WITH SOCAPEX CONNECTIONS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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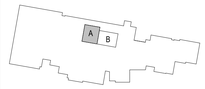
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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: ANE
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THEATRICAL PLANS - PAC

ZH-E-403

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LUMINAIRE SCHEDULE - GENERAL NOTES

1.	ALL LAMPS LISTED IN SCHEDULE ARE SYLVANNIA CATALOG NUMBERS, UNLESS OTHERWISE NOTED. EQUAL LAMPS BY MANUFACTURERS INDICATED IN SPECIFICATION SECTIONS 265600 ARE ACCEPTABLE.
2.	SEE SPECIFICATIONS FOR BALLAST REQUIREMENTS.
3.	FOR ALL DOWNLIGHTING FIXTURES, PROVIDE REQUIRED MOUNTING HARDWARE FOR MOUNTING IN LAY-IN TYPE CEILINGS.
4.	CONTRACTOR TO VERIFY TYPES AND QUANTITY OF LIGHT FIXTURES REQUIRING EMERGENCY TRANSFER DEVICES AND PROVIDE REQUIRED QUANTITY OF EMERGENCY TRANSFER DEVICES, LABOR, MATERIAL, ETC. IN THE PROJECT BID FOR FIELD INSTALLATION OF EMERGENCY TRANSFER DEVICES.
5.	LIGHT FIXTURE SUBMITTALS TO INCLUDE DATA SHEETS FOR ALL FIXTURE TYPES, INCLUDING ADDITIONAL DATA SHEETS FOR BALLAST COMBINATIONS REQUIRED TO MEET THE INSTALLATION REQUIREMENTS OF THE VARIOUS FIXTURE TYPES INDICATED IN THE REMARKS COLUMN OF THE FIXTURE SCHEDULES OR ON THE DRAWINGS. SUBMITTALS SHALL ALSO INDICATE COLOR FOR ANY CUSTOM COLOR LIGHT FIXTURES.

LUMINAIRE SCHEDULE

PLAN TYPE	MOUNTING	DESCRIPTION	LAMPS TYPE	LAMPS LUMENS	APPLIED VOLTAGE	VA LOAD	MANUFACTURER/CATALOG
LD2	RECESSED	MINI 2" ROUND LED DOWNLIGHT, 10VDC DIMMING, 3000K CCT, BRONZE FINISH	LED	300 lm	120 V	19 VA	JUNO MD1LG2 HALO ML FLEX SERIES OR A/E APPROVED EQUAL
LD8	RECESSED	8-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT, WIDE DISTRIBUTION, CLEAR SPECULAR FINISH, SELF-FLANGED, 4000K CCT, 1% 0-10VDC DIMMING, BAR HANGER ACCESSORY.	LED	6000 lm	277 V	0 VA	PORTFOLIO LD8A SERIES PHILIPS LIGHTOLIER C7L SERIES GOTHAM INCITO SERIES PRESCOLITE MD8LED SERIES
LD61	RECESSED	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT, MEDIUM DISTRIBUTION, CLEAR SPECULAR FINISH, SELF-FLANGED, 1% 0-10VDC DIMMING, BAR HANGER ACCESSORY.	LED	1500 lm	277 V	10 VA	PORTFOLIO LD6A SERIES PHILIPS LIGHTOLIER C6L SERIES GOTHAM EVO SERIES PRESCOLITE LF6LED SERIES
LD61X	RECESSED	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT, MEDIUM DISTRIBUTION, CLEAR SPECULAR FINISH, SELF-FLANGED, 1% 0-10VDC DIMMING, BAR HANGER ACCESSORY, WITH EMERGENCY TRANSFER DEVICE.	LED	1500 lm	277 V	10 VA	PORTFOLIO LD6A SERIES PHILIPS LIGHTOLIER C6L SERIES GOTHAM EVO SERIES PRESCOLITE LF6LED SERIES
LF2	RECESSED	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10VDC DIMMING.	LED	4800 lm	277 V	47 VA	COLUMBIA CBT SERIES LITHONIA CPX SERIES METALUX CGT SERIES OR A/E APPROVED EQUAL
LF2X	RECESSED	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10VDC DIMMING.	LED	4800 lm	277 V	47 VA	COLUMBIA CBT SERIES LITHONIA CPX SERIES METALUX CGT SERIES OR A/E APPROVED EQUAL
LF3	RECESSED	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10VDC DIMMING.	LED	5400 lm	277 V	47 VA	COLUMBIA CBT SERIES LITHONIA CPX SERIES METALUX CGT SERIES OR A/E APPROVED EQUAL
LF3X	RECESSED	2 BY 4-FOOT BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 10% 0-10VDC DIMMING.	LED	5400 lm	277 V	47 VA	COLUMBIA CBT SERIES LITHONIA CPX SERIES METALUX CGT SERIES OR A/E APPROVED EQUAL
LP2	PENDANT	PENDANT FIXTURE; 0-10V DIMMING, CLEAR ACRYLIC PRISMATIC REFRACTOR; WIDE BEAM SPREAD DISTRIBUTION; AIRCRAFT CABLE MOUNTING	LED	20000 lm	277 V	188 VA	LITHONIA JHBL SERIES METALUX SS LED SERIES COLUMBIA CRN2 SERIES OR A/E APPROVED EQUAL
LP2X	PENDANT	PENDANT FIXTURE; 0-10V DIMMING, CLEAR ACRYLIC PRISMATIC REFRACTOR; WIDE BEAM SPREAD DISTRIBUTION; AIRCRAFT CABLE MOUNTING. WITH GENERATOR TRANSFER DEVICE.	LED	20000 lm	277 V	188 VA	LITHONIA JHBL SERIES METALUX SS LED SERIES HUBBELL PHB SERIES
LP6	PENDANT	6-INCH APERATURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, 46 DEGREE DISTRIBUTION, PHASE DIMMING, 80+ CRI, 3000K CCT, WHITE HOUSING, LENGTH AS REQUIRED TO MOUNT SO THAT BOTTOM OF FIXTURE IS AT MOUNTING HEIGHT INDICATED ON PLANS.	LED	6000 lm	120 V	49 VA	CANTO USA, RETRO 500 AND CULLA PENDANT
LP6A	PENDANT	6-INCH APERATURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, 59 DEGREE DISTRIBUTION, PHASE DIMMING, 80+ CRI, 3000K CCT, BLACK HOUSING, LENGTH AS REQUIRED TO MOUNT SO THAT BOTTOM OF FIXTURE IS AT MOUNTING HEIGHT INDICATED ON PLANS.	LED	6000 lm	120 V	72 VA	CANTO USA, RETRO 700 AND CULLA PENDANT
LP6B	PENDANT	6-INCH APERATURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, 120 DEGREE DISTRIBUTION, PHASE DIMMING, 80+ CRI, 3000K CCT, BLACK HOUSING, LENGTH AS REQUIRED TO MOUNT SO THAT BOTTOM OF FIXTURE IS AT MOUNTING HEIGHT INDICATED ON PLANS.	LED	6000 lm	120 V	52 VA	CANTO USA, RETRO 500 AND CULLA PENDANT
LP6C	PENDANT	6-INCH APERATURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, 120 DEGREE DISTRIBUTION, PHASE DIMMING, 80+ CRI, 3000K CCT, BLACK HOUSING, LENGTH AS REQUIRED TO MOUNT SO THAT BOTTOM OF FIXTURE IS AT MOUNTING HEIGHT INDICATED ON PLANS.	LED	6000 lm	120 V	32 VA	CANTO USA, RETRO 300 AND CULLA PENDANT
LP6X	PENDANT	6-INCH APERATURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, 46 DEGREE DISTRIBUTION, PHASE DIMMING, 80+ CRI, 3000K CCT, WHITE HOUSING, LENGTH AS REQUIRED TO MOUNT SO THAT BOTTOM OF FIXTURE IS AT MOUNTING HEIGHT INDICATED ON PLANS. PROVIDE WITH EMERGENCY TRANSFER DEVICE.	LED	6000 lm	120 V	49 VA	CANTO USA, RETRO 500 AND CULLA PENDANT
LR2	SUSPENDED	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	LED	4000 lm	277 V	27 VA	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES OR A/E APPROVED EQUAL
LR2X	SUSPENDED	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING, WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	LED	4000 lm	277 V	27 VA	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES OR A/E APPROVED EQUAL
LVS	SURFACE	VANITY STRIP LIGHTING TO BE MOUNTED TO TOP AND BOTTOM OF MIRRORS.	LED	600 lm	120 V	19 VA	LUMENWERX MINEAR 1/2" ASYMMETRICAL OR A/E APPROVED EQUAL
RUN1	SURFACE WALL OR CEILING	DIRECTIONAL BLUE HUED LUMINAIRE WITH BULLET SWIVEL REFLECTOR, 0-10VDC DIMMING	LED	600 lm	120 V	19 VA	CONTECH CTL5038 OR A/E APPROVED EQUAL
SC1	SURFACE	6 INCH RECTANGULAR WALL SCONCE IN THREE 60 INCH VERTICAL SECTIONS. FIXTURES TO BE INCLUDED IN ALLOWANCE.	LED	600 lm	120 V	19 VA	SPI MONET WALL SURFACE OR A/E APPROVED EQUAL
SC2	SURFACE	WALL SCONCE WITH 24" DIAMETER ROUNDED ALUMINUM HOUSING. FIXTURES TO BE INCLUDED IN ALLOWANCE.	LED	2000 lm	277 V	100 VA	VISA OW1713 NORTHRIDGE OR A/E APPROVED EQUAL
WRK1	SURFACE WALL OR CEILING	ENCLOSED LUMINAIRE, 0-10VDC DIMMING	LED	600 lm	120 V	8 VA	LUMARK VAPORTIGHT PHILIPS STONCO ROUGHLYTE SERIES LITHONIA VW SERIES HUBBELL V SERIES OR A/E APPROVED EQUAL
XC	SURFACE CEILING	CAST ALUMINUM AC ONLY EXIT SIGN, DOUBLE FACE, DIRECTIONAL ARROWS INDICATED, WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	RED LED	0 lm	277 V	3 VA	SURE-LITES CX SERIES CHLORIDE 55 LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES OR A/E APPROVED EQUAL
XW	SURFACE WALL	CAST ALUMINUM AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED, WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	RED LED	0 lm	277 V	3 VA	SURE-LITES CX SERIES CHLORIDE 55 LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES

THEATRICAL EQUIPMENT SCHEDULE

LABEL	MOUNTING	DESCRIPTION	ACCESSORIES	MANUFACTURER AND MODEL
Lighting Fixtures				
AISL	FLOOR	CARPET TRANSITION MOUNTED STRIP OF LEDS. 12VDC, WARM WHITE LEDs, 10MM SPACING, SMOKED LENS, BLACK PVC BASE. REMOTE CONTROLLED, MULTI-ZONE, DIMMABLE LEDs. COORDINATE WITH INTERIORS.	ALL FITTINGS FOR COMPLETE INSTALLATION	GRADUS INTERLOK
APRN	FLOOR, RECESSED	FLUSH FLOOR MOUNTED STRIP OF LEDS	ALL FITTINGS FOR COMPLETE INSTALLATION	FUTURE LIGHT, EDGELYTE
NOS	FLOOR	STAIR NOSING MOUNTED STRIP OF LEDS.12VDC, WARM WHITE LEDs, 10MM SPACING, SMOKED LENS, ALUMINUM BASE. REMOTE CONTROLLED, MULTI-ZONE, DIMMABLE LEDs. COORDINATE WITH INTERIORS.	ALL FITTINGS FOR COMPLETE INSTALLATION	GRADUS INTERLOK
TLE1	PORTABLE, PIPE BATTEN	19 DEG LED ELLIPSOIDAL SPOT FIXTURE WITH COLOR ARRAY, BLACK	19 DEG LENS TUBE PATTERN HOLDER C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 5FT DMX CABLE, 5FT	ETC, SOURCE FOUR LED SERIES 3 LUSTR
TLE2	PORTABLE, PIPE BATTEN	26 DEG LED ELLIPSOIDAL SPOT FIXTURE WITH COLOR ARRAY, BLACK	26 DEG LENS TUBE PATTERN HOLDER C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 5FT DMX CABLE, 5FT	ETC, SOURCE FOUR LED SERIES 3 LUSTR
TLE3	PORTABLE, PIPE BATTEN	36 DEG LED ELLIPSOIDAL SPOT FIXTURE WITH COLOR ARRAY, BLACK	36 DEG LENS TUBE PATTERN HOLDER C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 5FT DMX CABLE, 5FT	ETC, SOURCE FOUR LED SERIES 3 LUSTR
TLF	PORTABLE, PIPE BATTEN	MOTORIZED ZOOM LED FRESNEL SPOT FIXTURE WITH COLOR ARRAY, BLACK	C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 5FT DMX CABLE, 5FT	ETC, COLORSOURCE FRESNEL V MAX
TLL	PORTABLE, PIPE BATTEN	LED 2 FT LINEAR WASH FIXTURE WITH COLOR ARRAY, BLACK	C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 5FT DMX CABLE, 5FT	ETC, COLORSOURCE LINEAR 1
TLP	PORTABLE, PIPE BATTEN	ZOOM LED PAR BEAM FIXTURE WITH COLOR ARRAY. BLACK	C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 5FT DMX CABLE, 5FT	ETC, COLORSOURCE PAR V ZOOM
Lighting Devices				
CS1	WALL, RECESSED	PUSH BUTTON LIGHTING CONTROL STATION, BLACK	STANDARD BACKBOX	ETC, INSPIRE 1-BUTTON STATION
CS2	WALL, RECESSED	PUSH BUTTON LIGHTING CONTROL STATION, BLACK	STANDARD BACKBOX	ETC, INSPIRE 2-BUTTON STATION
CS3	WALL, RECESSED	PUSH BUTTON LIGHTING CONTROL STATION, BLACK	STANDARD BACKBOX	ETC, INSPIRE 6-BUTTON STATION
LC	TABLE TOP, PORTABLE	LIGHTING CONTROL CONSOLE	24 INCH TOUCH SCREEN MONITOR MOUSE AND KEYBOARD POWER CORD, 10FT DMX CABLE, 10FT DISPLAY PORT CABLE DUST COVER	ETC, ION XE 20
OC	WALL	OCCUPANCY SENSOR, 140 DEG DUAL TECHNOLOGY, BLACK	STANDARD BACKBOX	ETC, UNISON WALL MOUNT OCC SENSOR, WIDE LENS
Electrical Fixtures				
FB1	FLOOR, RECESSED	FLOOR BOX, FACEPLATE PER RISER DIAGRAMS.	FLUSH HINGED LID	A/E APPROVED EQUAL
FB2	FLOOR, RECESSED	FLOOR BOX, FACEPLATE PER RISER DIAGRAMS.	FLUSH HINGED LID	ETC
PB1	PORTABLE, PIPE MOUNTED	PORTABLE CONNECTION BOX, FACEPLATE PER RISER DIAGRAMS.	U-BOLT HANGING ATTACHMENT	ETC
PB2	PORTABLE, PIPE MOUNTED	PORTABLE CONNECTION BOX, FACEPLATE PER RISER DIAGRAMS.	U-BOLT HANGING ATTACHMENT	ETC
WP0-	WALL, RECESSED	ABOVE-COUNTER WALL BOX, FACEPLATE PER RISER DIAGRAM, BLACK	FLUSH FACEPLATE	COORDINATE WITH DIV 27.
Electrical Equipment				
ARC		ARCHITECTURAL CONTROLLER, RACK MOUNTED IN EXISTING EQUIPMENT RACK	ADDITIONAL NEW RACK CONTENTS: ETC SNAPBACK ETC SITEBOX	ETC PARADIGM MK II
CNTR1		30 FT LONG CONNECTOR STRIP WITH (24) EDISON CONNECTIONS AT 1'-0" INTERVALS, ADDITIONAL CONNECTIONS PER RISER DIAGRAMS, AND INTEGRATED WORK LIGHTS		ETC, COLORSOURCE RACEWAY
CNTR2		30 FT LONG CONNECTOR STRIP WITH (24) EDISON CONNECTIONS AT 1'-0" INTERVALS, ADDITIONAL CONNECTIONS PER RISER DIAGRAMS.		ETC, COLORSOURCE RACEWAY
CNTR3		6 FT LONG CONNECTOR STRIP WITH (4) EDISON CONNECTIONS AT 1'-0" INTERVALS AND (1) DMX OUTPUT CONNECTIONS.		ETC, CONNECTOR STRIP
CNTR4		SOCAPLEX BREAK IN/OUT GRID DROP		
HPCD		24 FT LONG HOIST POWER AND CONTROL RACEWAY WITH CONNECTIONS AND CIRCUITS AS NOTED ON RISER DIAGRAMS.		ETC, HOIST POWER AND CONTROL DISTRIBUTION
M1		MOTORIZED BATTEN, 208V, 1400 LBS LIFTING CAPACITY		ETC, PRODIGY P1
M2		MOTORIZED BATTEN, 480V, 3300 LBS LIFTING CAPACITY.		ETC, PRODIGY P75
RC		RIGGING CONTROLLER	(3) REMOTE E-STOPS	ETC, QUICKTOUCH+ MK2
RCK		19 INCH PIVOTING HALF RACK CABINET WITH LOCKING DOOR, 16U	RACK CONTENTS: 1U PATCH PANEL 1U BRUSH PANEL ETC SITE BOX 1500VA UPS	MIDDLE ATLANTIC
RLY1		MAINS FEED RELAY PANEL, 200A, 120V THREE-PHASE, 48 CIRCUIT	200A MAINS BREAKER, 22kA SCCR (48) 20A SINGLE-POLE BREAKERS SURFACE MOUNT DOOR 0-10V DIMMING CONTROL SHORT TERM POWER BACKUP OPTION	ETC, SENSOR IQ
RLY2		MAINS FEED RELAY PANEL, 120V THREE-PHASE, 24 CIRCUIT	100A MAINS BREAKER, 22kA SCCR (24) 20A SINGLE-POLE BREAKERS SURFACE MOUNT DOOR 0-10V DIMMING CONTROL SHORT TERM POWER BACKUP OPTION	ETC, ECHO RELAY PANEL

ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

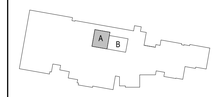
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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

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KEY PLAN

N

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	1.08.2026

LUMINAIRE AND EQUIPMENT SCHEDULES

ZH-E-601

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EXISTING PANEL

Branch Panel: SD

Location: A103
Supply From: Existing "SD" Feed
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MCB
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	THEATRICAL RELAY PANEL "RLY"	200 A	3	0 VA	0 VA					3	100 A	THEATRICAL RELAY PANEL "RLY2"	2
3	--	--	--			0 VA	0 VA			--	--	--	4
5	--	--	--					0 VA	0 VA	--	--	--	6
7	FB2-5 (L21-30)	30 A	3	0 VA	900 VA					1	20 A	ADTM RECEPTS -REAR WALL	8
9	--	--	--			0 VA	540 VA			1	20 A	ADTM RECEPTS - BACKSTAGE R	10
11	--	--	--					0 VA	540 VA	1	20 A	ADTM RECEPTS - BACKSTAGE L	12
13	FB2-7 (L21-30)	30 A	3	1600...	720 VA					1	20 A	RECEPTS - PAC BACK CORRIDOR	14
15	--	--	--			1600...	720 VA			1	20 A	RECETPS - VIDEO RM UNDER COUNTER	16
17	--	--	--					1600...	1080...	1	20 A	RECEPTS - VIDEO RM MONITORS	18
19	FB2-9 (L21-30)	30 A	3	1600...	360 VA					1	20 A	RECETPS - VIDEO RM TECH RACK	20
21	--	--	--			1600...	152 VA			1	20 A	PROJECTOR SCREEN	22
23	--	--	--					1600...	304 VA	1	20 A	EF-01 & EF-02	24
25	FB2-11 (L21-30)	30 A	3	0 VA	720 VA					1	20 A	AHU RECEPT. AND LTG	26
27	--	--	--			0 VA	360 VA			1	20 A	RECETPS - VIDEO RM	28
29	--	--	--					0 VA	360 VA	1	20 A	RECETPS - VIDEO RM TECH RACK	30
31	ELECTRIC 1 (L6-30)	30 A	2	0 VA	1080...					1	20 A	ADTM RECEPTS - SOUTH WL AND STAGE...	32
33	--	--	--			0 VA	720 VA			1	20 A	ADTM RECEPTS - NORTH WL AND REAR...	34
35	ELECTRIC 2 (L6-30)	30 A	2					0 VA	360 VA	1	20 A	ADTM RECEPTS - BACKSTAGE REAR	36
37	--	--	--	0 VA	1080...					1	20 A	ADTM RECEPTS - BOOTH	38
39	ELECTRIC 3 (L6-30)	30 A	2			0 VA	900 VA			1	20 A	ADTM RECEPTS - STAGE PREP	40
41	--	--	--					0 VA	720 VA	1	20 A	RECETPS - VIDEO RM UNDER COUNTER	42
43	ELECTRIC 4 (L6-30)	30 A	2	0 VA	196 VA					1	20 A	HOUSE LIGHTS (ZONE a)	44
45	--	--	--			0 VA	539 VA			1	20 A	HOUSE LIGHTS (ZONE b)	46
47	FOH BATTEN (L6-30)	30 A	2					0 VA	392 VA	1	20 A	HOUSE LIGHTS (ZONE c)	48
49	--	--	--	0 VA	720 VA					1	20 A	STAGE PREP AND HALL MONITOR	50
51	BOH BATTEN (L6-30)	20 A	2			0 VA	0 VA			1	20 A	RIGGING CONTROL POWER	52
53	--	--	--					0 VA					54
55	APRON BATTEN (L6-30)	20 A	2	0 VA									56
57	--	--	--			0 VA							58
59													60
			Total Load:	8976 VA		7131 VA		6956 VA					
			Total Amps:	75 A		60 A		58 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	456 VA	108.33%	494 VA		
Other	720 VA	100.00%	720 VA	**Total Conn. Load:**	23063 VA
Spare	9600 VA	100.00%	9600 VA	**Total Est. Demand:**	21151 VA
Lighting	1127 VA	125.00%	1409 VA	**Total Conn.:**	64 A
Receptacle - Convenience	11160 VA	80.00%	8928 VA	**Total Est. Demand:**	59 A

Notes:

EXISTING PANEL

Branch Panel: 1LN31

Location: PAC Electrical
Supply From:
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 225A
MCB Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	FLOOR BOX R2 - L21-30R	20 A	3	0 VA	0 VA					1	20 A	EXISTING CIRCUIT	2
3	--	--	--			0 VA	0 VA			1	20 A	EXISTING CIRCUIT	4
5	--	--	--					0 VA	0 VA	1	20 A	EXISTING CIRCUIT	6
7	FLOOR BOX U1 - L21-30R	20 A	3	0 VA	0 VA					1	20 A	EXISTING CIRCUIT	8
9	--	--	--			0 VA	0 VA			1	20 A	EXISTING CIRCUIT	10
11	--	--	--					0 VA	0 VA	1	20 A	EXISTING CIRCUIT	12
13	FLOOR BOX U3 - L21-30R	20 A	3	0 VA	0 VA					1	20 A	EXISTING CIRCUIT	14
15	--	--	--			0 VA	0 VA			1	20 A	EXISTING CIRCUIT	16
17	--	--	--					0 VA	0 VA	1	20 A	EXISTING CIRCUIT	18
19	FLOOR BOX L2 - L21-30R	20 A	3	0 VA	0 VA					1	20 A	EXISTING CIRCUIT	20
21	--	--	--			0 VA	0 VA			1	20 A	EXISTING CIRCUIT	22
23	--	--	--					0 VA	0 VA	1	20 A	EXISTING CIRCUIT	24
25	RIGGING CONTROL POWER	20 A	1	0 VA	0 VA					1	20 A	EXISTING CIRCUIT	26
27	SPARE	20 A	1			0 VA	0 VA			1	20 A	EXISTING CIRCUIT	28
29	EXISTING CIRCUIT - "R10 PIT RECEPT" N1	20 A	1					0 VA	0 VA	2	20 A	EXISTING CIRCUIT	30
31	EXISTING CIRCUIT	20 A	2	0 VA	0 VA					--	--	--	32
33	--	--	--			0 VA	0 VA			1	20 A	EXISTING CIRCUIT	34
35	EXISTING CIRCUIT	20 A	1					0 VA	0 VA	2	20 A	EXISTING CIRCUIT	36
37	EXISTING CIRCUIT	20 A	1	0 VA	0 VA					--	--	--	38
39	EXISTING CIRCUIT	20 A	1			0 VA	0 VA			1	20 A	EXISTING CIRCUIT	40
41	EXISTING CIRCUIT	20 A	1					0 VA	0 VA	1	20 A	EXISTING CIRCUIT	42
			Total Load:	0 VA		0 VA		0 VA					
			Total Amps:	0 A		0 A		0 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes:
N1 - RELOCATE EXISTING CIRCUIT "R10 PIT RECPT" FROM 1LN31-15 TO 1LN31-29.

EXISTING CIRCUIT LABELS BASED ON CIRCUIT DIRECTORY AND SHOULD BE VERIFIED.

EXISTING PANEL

Branch Panel: 1LN29

Location: MECHANICAL MEZZANINE...
Supply From:
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 200 A
MCB Rating: 200 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXISTING - RECEPT. B114	20 A	1	0 VA	0 VA					1	20 A	EXISTING - RECEPT. B15-116, CUH-B1	2
3	EXISTING - RECEPT. B114	20 A	1			0 VA	0 VA			1	20 A	EXISTING - TEMP CONTROL	4
5	EXISTING - B114 SOUND SYSTEM	20 A	1					0 VA	0 VA	1	20 A	EXISTING - EF-B1, PUH-B2, PUH-B3	6
7	EXISTING - WATER COOLER	20 A	1	0 VA	0 VA					1	20 A	EXISTING - RECEPT. SCENE SHOP	8
9	EXISTING - RECEPT. B202	20 A	1			0 VA	0 VA			1	20 A	EXISTING - RECEPT. SCENE SHOP	10
11	EXISTING - AHU RECEPT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING - RECEPT. SCENE SHOP	12
13	EXISTING - AHU LGTS	20 A	1	0 VA	0 VA					1	20 A	EXISTING - RECEPT. SCENE SHOP WEST	14
15	RECEPT. REHEARSAL RM COUNTERS	20 A	1			900 VA	900 VA			1	20 A	RECEPT. DRESSING RM COUTNERS	16
17	RECEPT. REHEARSAL RM COUNTERS	20 A	1					900 VA	720 VA	1	20 A	RECEPT. DRESSING RM COUTNERS	18
19	RECEPT. OFFICE	20 A	1	900 VA	0 VA					1	20 A	EXISTING - RECEPT. SCENE SHOP	20
21	RECEPT. WORKROOM COUTNERS	20 A	1			540 VA	900 VA			1	20 A	RECEPT. DRESSING RM COUTNERS	22
23	RECEPT WORKROOM FRIDGE	20 A	1					1000 VA	720 VA	1	20 A	RECEPT. DRESSING RM COUTNERS	24
25	RECEPT. WORKROOM WASHER	20 A	1	1200 VA	900 VA					1	20 A	RECEPT. DRESSING RM COUTNERS	26
27	RECEPT. HALLWAY MONITOR	20 A	1			1080 VA	900 VA			1	20 A	RECEPT. DRESSING RM COUTNERS	28
29	RECEPT. REHEARSAL / DRESSING...	20 A	1					720 VA	900 VA	1	20 A	RECEPT. DRESSING RM COUTNERS	30
31	RECEPT. BATHROOMS	20 A	1	900 VA	900 VA					1	20 A	RECEPT. DRESSING RM COUTNERS	32
33	WATER COOLER	20 A	1			180 VA	1080 VA			1	20 A	RECEPT. DRESSING	34
35	Receptacle - Convenience Space 16	20 A	1					540 VA					36
37	EXISTING - TVSS	30 A	3	0 VA	0 VA					3	30 A	- TABLE SAW	38
39	--	--	--			0 VA	0 VA			--	--	--	40
41	--	--	--					0 VA	0 VA	--	--	--	42
			Total Load:	4800 VA		6480 VA		5500 VA					
			Total Amps:	40 A		55 A		47 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle - Convenience	14580 VA	80.00%	11664 VA		
Receptacle - Refrigerator	1000 VA	80.00%	800 VA	**Total Conn. Load:**	16780 VA
Receptacle - Washing Machine	1200 VA	60.00%	720 VA	**Total Est. Demand:**	13184 VA
				Total Conn.:	47 A
				Total Est. Demand:	37 A

Notes:
EXISTING LOAD APPROX. 30KVA.

EXISTING CIRCUIT LABELS BASED ON CIRCUIT DIRECTORY AND SHOULD BE VERIFIED.

EXISTING PANEL

Branch Panel: 1LN30

Location: MECHANICAL MEZZANINE...
Supply From:
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 200 A
MCB Rating: 200 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXISTING - CONTACTORS	20 A	1	0 VA									2
3	EXISTING - SMOKE DAMPERS	20 A	1			0 VA							4
5	EXISTING - SMOKE DAMPERS	20 A	1					0 VA					6
7	PAC ELEC 1 L6-30R	20 A	2	0 VA	0 VA					1	20 A	EXISTING - MIRROR LIGHTS	8
9	--	--	--			0 VA	0 VA			1	20 A	EXISTING - MIRROR LIGHTS	10
11	PAC ELEC 2 L6-30R	20 A	2					0 VA	0 VA	1	20 A	EXISTING - MIRROR LIGHTS	12
13	--	--	--	0 VA	0 VA					1	20 A	EXISTING - MIRROR LIGHTS	14
15	PAC ELEC 3 L6-30R	20 A	2			0 VA	0 VA			1	20 A	EXISTING - MIRROR LIGHTS	16
17	--	--	--					0 VA	0 VA	1	20 A	EXISTING - MIRROR LIGHTS	18
19	PAC ELEC 4 L6-30R	20 A	2	0 VA	0 VA					1	20 A	EXISTING - MIRROR LIGHTS	20
21	--	--	--			0 VA	0 VA			1	20 A	SPARE	22
23	PAC CATWALK L6-30R	20 A	2					0 VA	0 VA	1	20 A	SPARE	24
25	--	--	--	0 VA									26
27	PAC CATWALK L6-30R	20 A	2			0 VA							28
29	--	--	--					0 VA					30
31	PAC APRON CATWALK L6-30R	20 A	2	0 VA									32
33	--	--	--			0 VA							34
35													36
37													38
39													40
41													42
			Total Load:	0 VA		0 VA		0 VA					
			Total Amps:	0 A		0 A		0 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 VA
				Total Est. Demand:	0 VA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes:
EXISTING LOAD APPROX. 20KVA

EXISTING CIRCUIT LABELS BASED ON CIRCUIT DIRECTORY AND SHOULD BE VERIFIED.

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2026 IMPROVEMENTS

2026 IMPROVEMENTS

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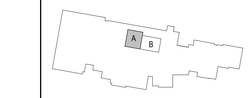
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ARCHITECT

FANNING HOWEY

317.848.0966 WWW.FHAI.COM
350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

N

ISSUED FOR BID

NOT FOR CONSTRUCTION

PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	1.08.2026

NEW SHEET ISSUED WITH ADDENDUM 2
2

PANELBOARD SCHEDULES

ZH-E-602

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NOTE:
ALL DMX (X) BACK TO DMX GATEWAYS IN EQUIPMENT RACK
ALL NETWORK (N) BACK TO NETWORK SWITCH IN EQUIPMENT RACK

SD - 7,9,11
SD - 13,15,17
SD - 19,21,23
SD - 25,27,29

FLOOR OUTLET FB1-10 — DMX OUT
FLOOR OUTLET FB2-11 — RJ45, L21-30R, DMX OUT
FLOOR OUTLET FB1-12 — RJ45, DMX OUT
FLOOR OUTLET FB2-7 — RJ45, L21-30R, DMX OUT
FLOOR OUTLET FB1-8 — RJ45, DMX 1-PORT SMART NODE
FLOOR OUTLET FB2-9 — RJ45, L21-30R, DMX OUT
FLOOR OUTLET FB1-4 — DMX OUT
FLOOR OUTLET FB2-5 — RJ45, L21-30R, DMX OUT
FLOOR OUTLET FB1-6 — RJ45, DMX OUT
FLOOR OUTLET FB1-1 — COORDINATE WITH DIV. 27 FOR OTHER DATA IN THIS FLOORBOX; DMX OUT
FLOOR OUTLET FB1-2 — DMX OUT
FLOOR OUTLET FB1-3 — COORDINATE WITH DIV. 27 FOR OTHER DATA IN THIS FLOORBOX; DMX OUT

WALL LIGHTS ZONE H
WALLPLATE WP07 — COORDINATE WITH DIV. 27 FOR OTHER DATA IN THIS WALLPLATE; DMX IN
WALLPLATE WP08 — COORDINATE WITH DIV. 27 FOR OTHER DATA IN THIS WALLPLATE; DMX IN

RUNNING LIGHTS ZONE F & G

RELAY PANEL
RLY2
SENSOR IQ
SD - 2,4,6
MAINS FEED

HOUSE LIGHTS ZONE A — SD- 44 — 600W DIMMER
HOUSE LIGHTS ZONE B — SD - 46 — 600W DIMMER
EM. HOUSE LIGHTS ZONE A & B — 1LE3 - 13 — 600W DIMMER
HOUSE LIGHTS ZONE C — SD - 48 — 600W DIMMER
EM. HOUSE LIGHTS ZONE C — 1LE3 - 13 — 600W DIMMER
EM. HOUSE LIGHTS ZONE D — DUAL ZONE RELAY — 1LE3 - 15, 1LE3 - 15
EM. WORK LIGHTS ZONE E

SD - 31,33
SD - 35,37
SD - 39,41
SD - 43,45
SD - 47,49

CNTR1 — DMX | (6) EDISON CIRCUITS 1-6 | (6) EDISON CIRCUITS 1-6 | L6-30R ETHERNET | (6) EDISON CIRCUITS 1-6 | (6) EDISON CIRCUITS 1-6 | DMX
CNTR1 — DMX | (6) EDISON CIRCUITS 1-6 | (6) EDISON CIRCUITS 1-6 | L6-30R ETHERNET | (6) EDISON CIRCUITS 1-6 | (6) EDISON CIRCUITS 1-6 | DMX
CNTR1 — DMX | (6) EDISON CIRCUITS 1-6 | (6) EDISON CIRCUITS 1-6 | L6-30R ETHERNET | (6) EDISON CIRCUITS 1-6 | (6) EDISON CIRCUITS 1-6 | DMX
CNTR1 — DMX | (6) EDISON CIRCUITS 1-6 | (6) EDISON CIRCUITS 1-6 | L6-30R ETHERNET | (6) EDISON CIRCUITS 1-6 | (6) EDISON CIRCUITS 1-6 | DMX
CNTR2 — DMX | (8) EDISON CIRCUITS 1-8 | (4) EDISON CIRCUITS 1-4 | L6-30R ETHERNET | (4) EDISON CIRCUITS 5-8 | (8) EDISON CIRCUITS 1-8 | DMX

EQUIPMENT RACK
RCK
ARCHITECTURAL CONTROL
ERn2
P-ACP
P-SPM
NETWORK SWITCH
NETGEAR AV LINE GSM4248PX
8-PORT DMX GATEWAY
8-PORT DMX GATEWAY
8-PORT DMX GATEWAY
8-PORT DMX GATEWAY
ETC SITEBOX
BRUSH PANEL
PATCH PANEL
UPS 1500 VA

SD - 51,53
SD - 55,57
TO ALL AUDITORIUM CONTROL STATIONS AND OCCUPANCY SENSORS

BOH BATTEN PB2 — DMX OUT, L6-30R, RJ45
BOH BATTEN PB1 — DMX OUT, RJ45
BOH BATTEN PB1 — DMX OUT, RJ45
APRON BATTEN PB2 — DMX OUT, L6-30R, RJ45
SCENIC BATTEN PB1 — DMX OUT, RJ45
SCENIC BATTEN PB1 — COORDINATE WITH DIV. 27 FOR OTHER DATA IN THIS FLOORBOX; DMX OUT

HPCD — 9 CONNECTIONS, 2 CIRCUITS
1HN11 - 35,37,39 — HP1
SD-52
RIGGING SYSTEM POWER SUPPLY
MOTOR CONTROLLER RC — RC
E-STOP E-STOP E-STOP

RELAY PANEL
RLY1
SENSOR IQ
SD- 1,3,5
MAINS FEED

WIRING LEGEND		
SYMBOL	SIGNAL	WIRE TYPE(S)
N	sACN, ETHERNET	CAT5E (OR BETTER)
P	ARCHITECTURAL CONTROL	TMB PROPLEX PCLP1PT
X	DMX	TMB PROPLEX PC244T
RC	RIGGING CONTROL	CAT5E (OR BETTER)
A	120V 1PH, 20A	(2) #12, #12G in 3/4" C
B	208V 1PH, 30A	(2) #10, #10G in 3/4" C
B+	208V 3PH, 30A	(4) #10, #10G in 3/4" C
MF1	208V 3PH, 200A	(4) #3/0, #6G in 2" C
MF2	208V 3PH, 100A	(4) #3, #8G in 1 1/2" C
HP1	480V 3PH, 40A	(4) #8, #10G in 3/4" C

NOTES:
SEE THEATRICAL CONTROL SPECS FOR ADDITIONAL INFORMATION ABOUT ACCEPTABLE CABLE MANUFACTURERS AND PRODUCTS

ARCHITECTURAL CONTROL WIRING (P) IS TOPOLOGY-FREE AND CAN BE WIRED AT THE DISCRETION OF THE CONTRACTOR.

THEATRICAL RISER DIAGRAM - AUDITORIUM

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

NEW SHEET ISSUED WITH ADDENDUM 2

2

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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT
FANNING HOWEY
317.848.0966 WWW.FHAI.COM
350 E. NEW YORK ST, INDIANAPOLIS, IN 46204

KEY PLAN

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE19900008 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	1.08.2026

THEATRICAL RISER DIAGRAM - AUDITORIUM

ZH-E-701

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NOTE:
ALL NETWORK (N) BACK TO NETWORK SWITCH IN EQUIPMENT RACK

1LN31 - 1,3,5 (B+)
1LN31 - 7,9,11 (B+)
1LN31 - 13,15,17 (B+)
1LN31 - 19,21,23 (B+)

FLOOR OUTLET
FB1-L1
DMX 1-PORT SMART-NODE
RJ45

FLOOR OUTLET
FB2-L2
DMX 1-PORT SMART-NODE
L21-30R
RJ45

FLOOR OUTLET
FB1-L3
DMX 1-PORT SMART-NODE
RJ45

FLOOR OUTLET
FB2-U1
DMX 1-PORT SMART-NODE
L21-30R
RJ45

FLOOR OUTLET
FB1-U2
DMX 1-PORT SMART-NODE
RJ45

FLOOR OUTLET
FB2-U3
DMX 1-PORT SMART-NODE
L21-30R
RJ45

FLOOR OUTLET
FB1-R1
DMX 1-PORT SMART-NODE

FLOOR OUTLET
FB2-R2
DMX 1-PORT SMART-NODE
L21-30R
RJ45

FLOOR OUTLET
FB1-R3
DMX 1-PORT SMART-NODE
RJ45

FLOOR OUTLET
FB1-D1
DMX 1-PORT SMART-NODE

FLOOR OUTLET
FB1-D2
DMX 1-PORT SMART-NODE

FLOOR OUTLET
FB1-D3
DMX 1-PORT SMART-NODE

RUNNING LIGHTS
ZONES 1-7

WORK LIGHTS
ZONE 8-11

EXISTING DIMMER RACK "TLCS"

VERIFY EXISTING MODULES IN FIELD AND PROVIDE ADDITIONAL THRUPOWER MODULES AS NECESSARY

1LN30-7,9 (B)
1LN30-11,13 (B)
1LN30-15,17 (B)
1LN30-19,21 (B)

ELECTRIC 1 — CNTR1
ELECTRIC 2 — CNTR1
ELECTRIC 3 — CNTR1
ELECTRIC 4 — CNTR1

DMX | (8) EDISON CIRCUITS 1-8 | (4) EDISON CIRCUITS 1-4 | L6-30R ETHERNET | (4) EDISON CIRCUITS 5-8 | (8) EDISON CIRCUITS 1-8 | DMX

DMX 2-PORT SMART-NODE
CIRCUIT LABEL
RJ45
L6-30R

CATWALK LEFT — CNTR2
CATWALK RIGHT — CNTR2

DMX | (8) EDISON CIRCUITS 1-8 | (4) EDISON CIRCUITS 1-4 | L6-30R | (4) EDISON CIRCUITS 5-8 | (8) EDISON CIRCUITS 1-8 | DMX

COVE LEFT — CNTR3
COVE RIGHT — CNTR3

DMX | (4) EDISON 1 CIRCUIT

APRON CATWALK
PB1
DMX 1-PORT SMART-NODE
RJ45

APRON CATWALK
PB2
DMX 1-PORT SMART-NODE
L6-30R
RJ45

1LN30-23,35 (B)
1LN30-27,29 (B)
1LN30-31,33 (B)

CNTR4
GO
SOCAPEX OUT

EXISTING EQUIPMENT RACK
ARC
ARCHITECTURAL CONTROL
ERn2
P-ACP
P-SPM
NETWORK SWITCH
CISCO C1300-48P-4G
ETC SITEBOX
ETC RESPONSE SNAPBACK
BRUSH PANEL
PATCH PANEL
UPS 1500 VA

(P) TO ALL PAC CONTROL STATIONS

HPCD
12 PLUG-INS, 4 CIRCUITS

1HN11 - 29,31,33 (HP2)

MOTOR CONTROLLER
RC

RIGGING SYSTEM POWER SUPPLY
(A) 1LN31-25

E-STOP
E-STOP
E-STOP

WIRING LEGEND

SYMBOL	SIGNAL	WIRE TYPE(S)
N	sACN, ETHERNET	CAT5E (OR BETTER)
P	ARCHITECTURAL CONTROL	TMB PROPLEX PCLP1PT
X	DMX	TMB PROPLEX PC244T
RC	RIGGING CONTROL	CAT5E (OR BETTER)
AC	120V 1PH, 20A AND 0-10VDC	(2) #12, #12G AND (2) #16
A	120V 1PH, 20A	(2) #12, #12G in 3/4" C
B	208V 1PH, 30A	(2) #10, #10G in 3/4" C
B+	208V 3PH, 30A	(4) #10, #10G in 3/4" C
HP2	480V 1PH, 80A	(4) #4, #8G in 1 1/4" C

NOTES:
SEE THEATRICAL CONTROL SPECS FOR ADDITIONAL INFORMATION ABOUT ACCEPTABLE CABLE MANUFACTURERS AND PRODUCTS

ARCHITECTURAL CONTROL WIRING (P) IS TOPOLOGY-FREE AND CAN BE WIRED AT THE DISCRETION OF THE CONTRACTOR.

NEW SHEET ISSUED WITH ADDENDUM 2

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ARCHITECT
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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204

KEY PLAN

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE19700008 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

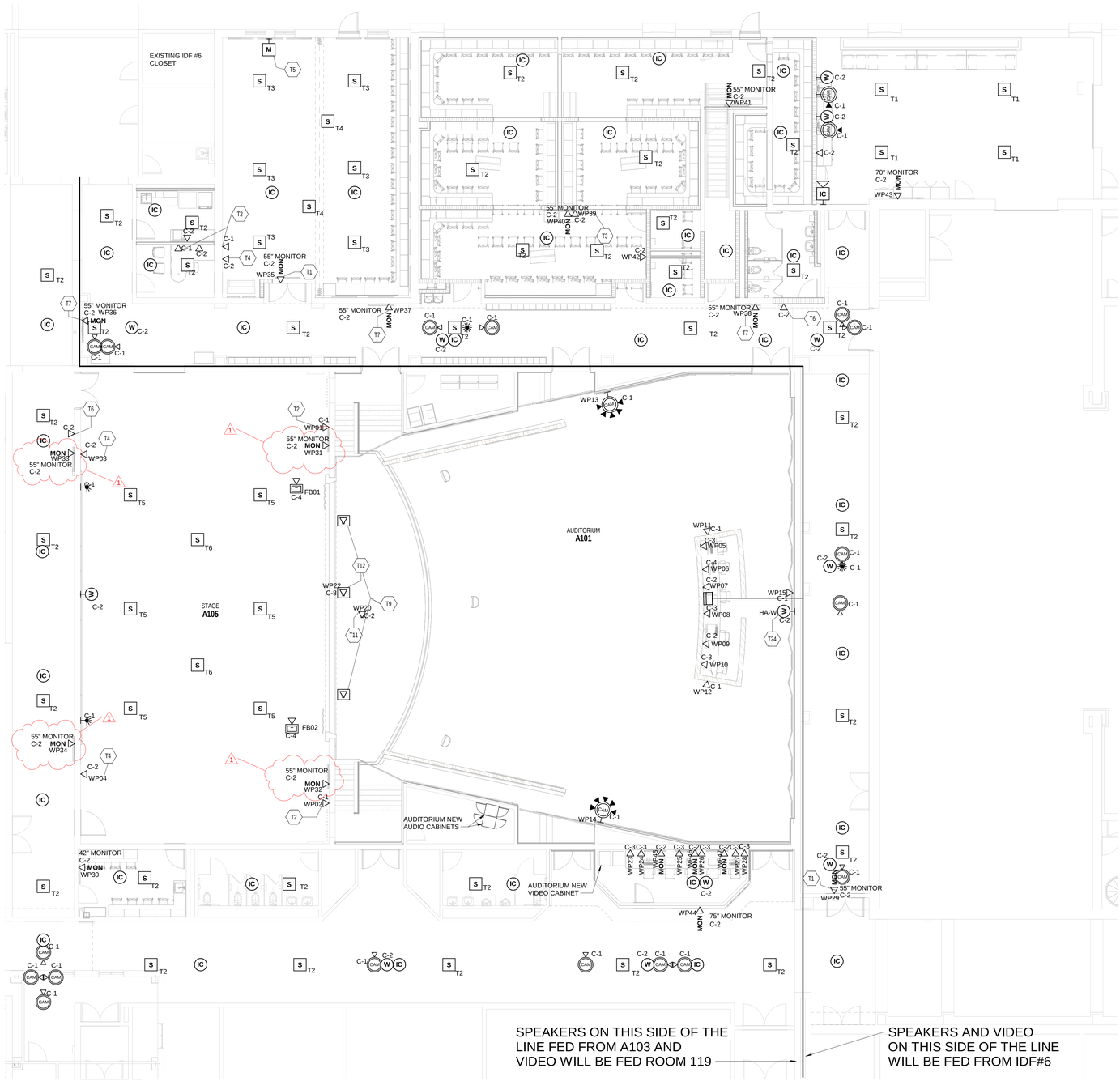
REV. NO.	DESCRIPTION	DATE
2	Addendum 2	1.08.2026

THEATRICAL RISER DIAGRAM - PAC

ZH-E-702

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ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101	C205	AUDITORIUM	4393 SF
A105	-	STAGE	3703 SF
A112	C131	SCENE SHOP	1170 SF
A122	C206F	VOCAL STORAGE	171 SF
A123	C206E	RISER STORAGE	263 SF
A124	C204F	BAND STORAGE/PERCUSSION	357 SF
A125		INSTRUMENTS	554 SF
B101	C203	PAC	7933 SF
FIRST FLOOR			
B102	C203C	STAGE	4675 SF



1 FIRST FLOOR TECHNOLOGY AUDITORIUM PLAN

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

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

B. FACEPLATE CONFIGURATIONS (WP###) DESCRIPTIONS/BREAKDOWNS ARE LOCATED ON T-602. THESE BREAKDOWNS SHOW EACH FACEPLATE WITH WHAT CABLE/ CONNECTOR IS EXPECTED WHERE.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T1	WALL MOUNTED MONITOR LOCATION SHALL BE LOCATED ABOVE THE DOOR FRAME.
T2	A WALL MOUNTED AHM QC-10 TOUCHSCREEN SHALL BE INSTALLED AT THIS LOCATION.
T3	A WALL MOUNTED RDL BLUETOOTH INPUT AND IP1 VOLUME CONTROL SHALL BE INSTALLED AT THIS LOCATION.
T4	A WALL MOUNTED RDL BLUETOOTH INPUT, A FEMALE XLR FOR PIANO INPUT AND AN IP1 VOLUME CONTROL SHALL BE INSTALLED AT THIS LOCATION.
T5	A WALL MOUNT AHM DX164-W REMOTE AUDIO DEVICE SHALL BE INSTALLED AT THIS LOCATION. THE REMOTE AUDIO RACK SHALL HAVE A ROBUST STEEL CHASSIS AND SHALL BE PLACED IN A FLUSH MOUNT NEMA12X12" BOX.
T6	A WALL MOUNTED AHM IP4 CONTROLLER AND IP1 VOLUME CONTROL SHALL BE INSTALLED AT THIS LOCATION..
T7	WALL MOUNTED MONITOR LOCATIONS WILL NEED TO BE WALL MOUNTED ABOVE DROP CEILING BECAUSE STRUCTURE IS TOO HIGH TO BE ACCESSIBLE.
T9	FRONT OF STAGE MICROPHONE AND AUDIO DOUBLE GANG FACEPLATE CABLES WILL BE REDIRECTED THROUGH THE STAGE PIT AREA TO NEW STAGE FLOOR CUTOUTS. EXTEND ALL 6 CABLES (FEMALE XLR MIC, 2 MALE XLR LINE, FEMALE S VIDEO, ONE DANTE DATA, ONE FEMALE DMX) TO THE NEW CUTOUT.
T11	LOCATION TO BE LOCATED ON MOTORIZED LIGHTING BATTEN.
T12	LOCATION TO BE LOCATED IN STAGE PIT ON BACK WALL.
T24	WIRELESS ACCESS POINT SHOWN SHALL BE THE HEARING ASSISTANT WALL MOUNTED AURI TX2 ACCESS POINT PROVIDED BY THIS CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

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1000 Mulberry Street
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ARCHITECT

FANNING HOWEY

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350 E NEW YORK ST, SUITE 300, INDIANAPOLIS, IN 45204



KEY PLAN

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE10300008 STATE OF INDIANA PROFESSIONAL ENGINEER

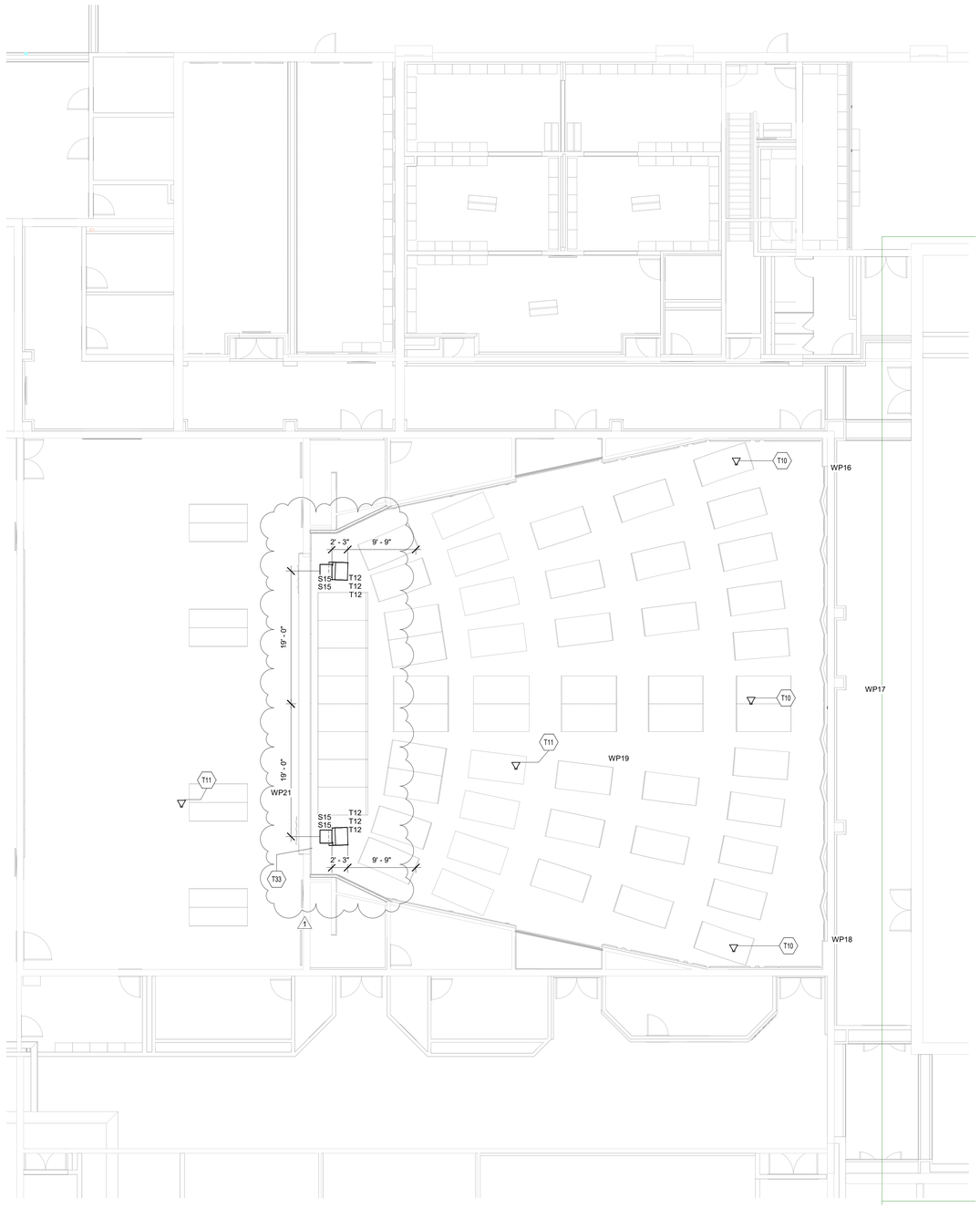
PROJECT MANAGER: JAM
DRAWN BY: CDT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	01.08.26

FIRST FLOOR TECHNOLOGY PLAN - AUDITORIUM

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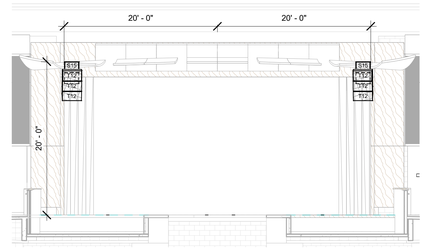
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1 SECOND FLOOR TECHNOLOGY AUDITORIUM PLAN

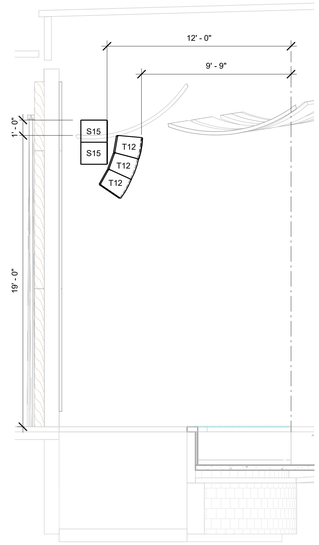
SCALE: 1/8" = 1'-0"

ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101	C205	AUDITORIUM	4393 SF
A105	-	STAGE	3703 SF



LOUDSPEAKER FRONT VIEW

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



LOUDSPEAKER SIDE VIEW

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

1

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

B. FACEPLATE CONFIGURATIONS (WP##) DESCRIPTIONS/BREAKDOWNS ARE LOCATED ON T-602. THESE BREAKDOWNS SHOW EACH FACEPLATE WITH WHAT CABLE/ CONNECTOR IS EXPECTED WHERE.

TECHNOLOGY PLAN NOTES

X

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T10	LOCATIONS TO BE LOCATED IN CEILING BATTEN.
T11	LOCATION TO BE LOCATED ON MOTORIZED LIGHTING BATTEN.
T33	SPEAKER POSITIONING WITH AIMING ANGLES/DELAY AND STRUCTURAL SPEAKER RIGGING TO BE DESIGNED AND SUBMITTED BY CONTRACTORS CERTIFIED DESIGNER AS SPECIFIED.

TABLE1: SPEAKER TYPES AND LOCATIONS - ESTIMATED LOUDSPEAKER PLACEMENTS WILL NEED TO BE FIELD VERIFIED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION

LABEL	ARRAY	MODEL	ENCLOSURES	ESTIMATED PLACEMENT	ESTIMATED ARRAY ANGLING	ESTIMATED LOUDSPEAKER ANGLING
T12	LEFT	A15i FOCUS	3	19' ABOVE STAGE, 19' LEFT OF CENTER, 9' 9" BACK FROM CENTER	2 DEGREE CENTER, 5 DEGREE DOWN	ALL PANFLEX:35/35
T12	RIGHT	A15i FOCUS	3	19' ABOVE STAGE, 19' RIGHT OF CENTER, 9' 9" BACK FROM CENTER	2 DEGREE CENTER, 5 DEGREE DOWN	ALL PANFLEX:35/35
S15	SUB	KS21i	2	20' ABOVE STAGE, 19' LEFT OF CENTER, 12' BACK FROM CENTER	5 DEGREE CENTER, 0 DEGREE DOWN	
S15	SUB	KS21i	2	20' ABOVE STAGE, 19' RIGHT OF CENTER, 12' BACK FROM CENTER	5 DEGREE CENTER, 0 DEGREE DOWN	

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

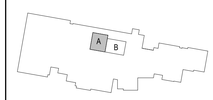
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ARCHITECT

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KEY PLAN

N

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE10000005 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JAM
DRAWN BY: CDT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	01.08.26

SECOND FLOOR TECHNOLOGY PLAN - AUDITORIUM

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AUDITORIUM A/V RESPONSIBILITY MATRIX

Audio

Item	Name 1	Manufacturer 1	Category	Location	Quantity
Audio Processing Equipment					
Audio Processor	AHM64	Allen & Heath	1 - Contractor Provided	AUD_AV_1, IDF_	2
Dante Card for Audio Processor	AH-M-SQ-DANTE	Allen & Heath	1 - Contractor Provided	AUD_AV_1, IDF_	2
Control Touchscreen	CC10	Allen & Heath	1 - Contractor Provided	Various	10
Control Knob	IP-1	Allen & Heath	1 - Contractor Provided	Various	6
Button Panel	IP-4	Allen & Heath	1 - Contractor Provided	Various	2
Control Surface	IP-8	Allen & Heath	1 - Contractor Provided	A119	1
Wall Expander	DX164-W	Allen & Heath	1 - Contractor Provided	A107	1
Rack Expander	GX4816	Allen & Heath	1 - Contractor Provided	AUD_AV_2	1
Patch Cables	MK406	Whirlwind	2 - Owner Provided	AUD_AV_2	24
Patch Cables	MK403	Whirlwind	2 - Owner Provided	AUD_AV_2	48
Patch Cables	MK402	Whirlwind	2 - Owner Provided	AUD_AV_2	36
Patch Cables	MK401	Whirlwind	2 - Owner Provided	AUD_AV_2	24
Processor and Measurement Platform	P1	L-Acoustics	3 - If Budget Allows	AUD_AV_2, PAC	2
Audio Console					
Console	Avantis with dPack	Allen & Heath	1 - Contractor Provided	AUD_FOH	1
Dante Card	AH-M-DL-DANTE1	Allen & Heath	1 - Contractor Provided	AUD_FOH	1
Cover	AH-AP12151	Allen & Heath	1 - Contractor Provided	AUD_FOH	1
Bracket	AH-AVANTIS-BRAI	Allen & Heath	1 - Contractor Provided	AUD_FOH	1
Keyboard	G84-4100LCMUS-	Cherry	1 - Contractor Provided	AUD_FOH	1
Portable Expander	DX168	Allen & Heath	1 - Contractor Provided	AUD_FOH	2
Amplifiers	***note: main PA and amplifiers**	**are included but not listed here. See Specs.**			
Monitor/Effects Amplifiers	LA4X	L-Acoustics	2 - Owner Provided	AUD_AV_1	5
Hallway/Backstage/Rehearsal Amplifiers	D20:4	Lab.Gruppen	1 - Contractor Provided	AUD_AV_1, IDF_	5
Hallway/Backstage/Rehearsal Amplifiers	D40:4	Lab.Gruppen	1 - Contractor Provided	IDF_AV_1	2
Install Speakers					
Rehearsal Main Speaker Pendant Pair	Control 67HC/T	JBL	1 - Contractor Provided	Aud. Stage	3
Shop Speaker Pendant Pair	Control 67P/T	JBL	1 - Contractor Provided	Shop	2
Rehearsal Subwoofer Pendant Pair	Control 60PS/T	JBL	1 - Contractor Provided	Aud. Stage	1
Rehearsal Main Speaker In-Ceiling Pair	Control 47HC/T	JBL	1 - Contractor Provided	A107 Rehearsal	3
Rehearsal Subwoofer In-Ceiling Pair	Control 419CS/T	JBL	1 - Contractor Provided	A107 Rehearsal	1
Dressing Room/Hallway In-Ceiling Pair	Control 226CT	JBL	1 - Contractor Provided	Various	17
Cue Speaker	ZX1-90	EV	1 - Contractor Provided	A105 Stage	4
Wireless Microphone Equipment					
Wireless Mic Receiver	ANX4	Shure	2 - Owner Provided	AUD_AV_1	2
Wireless Mic Receiver	SLXD4Q+	Shure	2 - Owner Provided	AUD_AV_1, IDF_	2
Wireless Mic License	ANX4-4CL	Shure	2 - Owner Provided	Digital	7
Antenna Distributor	MAT244-X1	Wisycom	2 - Owner Provided	AUD_AV_1	1
Antenna	LFA-B-F2	Wisycom	2 - Owner Provided	Various	4
Antenna	D-ARC	RFVenue	2 - Owner Provided	A107	1
Antenna Distributor	DISTRO4	RFVenue	2 - Owner Provided	IDF_AV_1	1
Bodypack	ULXD1 G57	Shure	2 - Owner Provided	Portable	20
Bodypack	SLXD1	Shure	2 - Owner Provided	Portable	4
Handheld	ULXD2/SM58 G57	Shure	2 - Owner Provided	Portable	12
Plug-On Transmitter	SLXD3	Shure	2 - Owner Provided	Portable	4
Battery	SB900B	Shure	2 - Owner Provided	Portable	28
Battery Charger	SBC200	Shure	2 - Owner Provided	AUD_AV_1	4
Battery Charger	SBC200US	Shure	2 - Owner Provided	AUD_AV_1	2
Battery Charger	SBRC	Shure	2 - Owner Provided	AUD_AV_1	5
Battery Charger	SBC-AX	Shure	2 - Owner Provided	AUD_AV_1	16
Microphone	4061 Beige	DPA	2 - Owner Provided	Portable	16
Microphone	4061 Brown	DPA	2 - Owner Provided	Portable	4
Microphone	4061 Black	DPA	2 - Owner Provided	Portable	8
Microphone	6060 Black	DPA	2 - Owner Provided	Portable	2
Handheld Capsule	V7 MC1	sE	2 - Owner Provided	Portable	14
Fitness Headset	FH31	Shure	2 - Owner Provided	Portable	4
Portable Speakers					
Stage Monitor	X12	L Acoustics	2 - Owner Provided	Portable	8
Stage Monitor/Effects Speaker	X8	L Acoustics	2 - Owner Provided	Portable	6
Brackets	X-UL12/X-UL8	L Acoustics	2 - Owner Provided	Portable	12
Pole Mount	24281	K&M	2 - Owner Provided	Portable	6
Microphones & DIs					
Dynamic Microphone	V7	sE	2 - Owner Provided	Portable	4
Dynamic Microphone	V7-SW	sE	2 - Owner Provided	Portable	4
Dynamic Microphone	V7-PTT	sE	2 - Owner Provided	Portable	2
Dynamic Microphone	SM57	Shure	2 - Owner Provided	Portable	4
Dynamic Microphone	e906	Sennheiser	2 - Owner Provided	Portable	4
Dynamic Microphone	e904	Sennheiser	2 - Owner Provided	Portable	4
Piano Microphone	PM40	Earthworks	2 - Owner Provided	Portable	1
Boundary Microphone	PCC160	AKG	2 - Owner Provided	Portable	4
Shotgun Microphone	MKE600	Sennheiser	2 - Owner Provided	Portable	6
Drum Microphone Kit	DMK57-52	Shure	2 - Owner Provided	Portable	2
Choir Mics	Microboom 84" Cai	Audix	2 - Owner Provided	Portable	4
Condenser Microphone	SM81	Shure	2 - Owner Provided	Portable	6
Condenser Microphone	C414	AKG	2 - Owner Provided	Portable	4
Instrument Mic Kit	KIT-4099-DP-10C	DPA	2 - Owner Provided	Portable	1
Passive DI	ProDI	Radial	2 - Owner Provided	Portable	8
Active DI	Pro48	Radial	2 - Owner Provided	Portable	8
Stereo DI	ProD2	Radial	2 - Owner Provided	Portable	4
USB DI	USB-Pro	Radial	2 - Owner Provided	Portable	5
Measurement Microphone	M30	Earthworks	2 - Owner Provided	Portable	1

Video

Item	Name 1	Manufacturer 1	Category	Location	Quantity
Video Router	VideoHub 120x1	Blackmagic Desi	1 - Contractor Provide	AUD_VID_1	1
PAC<-> Auditorium Video Links	OLINK 4TRX Fib	DIGITAL FORCE	1 - Contractor Provide	AUD_VID_1	8
Workstation/Monitors	P2424HT	Dell	2 - Owner Provided		8
KVM For control Computers and Consoles	XDIP-POE	ADDERLink	2 - Owner Provided		12
Rackmount for KVM	RMK8	ADDERLink	2 - Owner Provided		6
Projector/Presentation Switcher	Videohub Mini 8x	Blackmagic Desi	2 - Owner Provided		1
Video Switcher	ATEM 4 M/E Cor	Blackmagic Desi	2 - Owner Provided	AUD_VID_1	1
Laptop Interface	Design Media Player 10G		2 - Owner Provided		3
Video ISO Recorder	HyperDeck Studi	Blackmagic Desi	2 - Owner Provided		6
Streaming Encoder	Blackmagic Stre	Blackmagic Desi	2 - Owner Provided		3
Stream Decoder	Blackmagic Stre	Blackmagic Desi	2 - Owner Provided		3
2 M/E Panel	ATEM 2 M/E Adv	Blackmagic Desi	2 - Owner Provided		1
1 M/E Panel	ATEM 1 M/E Adv	Blackmagic Desi	2 - Owner Provided	AUD_FOH	1
PCIe Capture Cards	DeckLink 8K Pro	Blackmagic Desi	2 - Owner Provided		4
Mac Studio Rack Case	XMAC-STD-IIDV	Sonnet	2 - Owner Provided		1
Graphics and Streaming PC	Custom	Superlogics	2 - Owner Provided		1
Workstation Monitors	S3225QC	Dell	2 - Owner Provided	AUD_FOH, AUD	9
Audio Embedded/Disembedder	DANTE-12GAM-	AJA	2 - Owner Provided		1
SDI to HDMI	Micro Converter	Blackmagic Desi	2 - Owner Provided	Auditorium, Halls	32
HDMI to SDI dual	CONVBDC/SDI/H	Blackmagic Desi	2 - Owner Provided	Auditorium, Halls	10
Dual Rackmount Monitors	RM7026-12G	Lilliput	2 - Owner Provided		3
Rack Monitor	SmartView 4K G	Blackmagic Desi	2 - Owner Provided		2
Rack Shelf	CONVNTRMYA(	Blackmagic Desi	2 - Owner Provided		2
Audio Monitor	RM-3DT	Fostex	2 - Owner Provided	AUD_FOH, AUD	2
Cross Converter	CONVNVIP,I/STI	Blackmagic Desi	2 - Owner Provided	Portable	8
Rack Converter	4x12G PWR	Blackmagic Desi	2 - Owner Provided		2
PTZ Camera	AW-UE150AKPJ	Panasonic	2 - Owner Provided		4
PTZ Mount	SA-150GMK	Strongarm	2 - Owner Provided		4
Fiber Transcievers for PTZ	CMX-12GSDI-C1	Camplex	2 - Owner Provided		4
Camera monitors	Video Assist 7" 1	Blackmagic Desi	2 - Owner Provided		4
Camera Column Mounts	Custom - Series	SAVY US	2 - Owner Provided	AUD FOH	2
Mid and Wide Center Camera	Blackmagic Micr	Blackmagic Desi	2 - Owner Provided		2
Wide Lens for Micro Studio	H-PS14042K	Panasonic	2 - Owner Provided		2
Medium Lens for Micro Studio	H-PS45175K	Panasonic	2 - Owner Provided		1
Broadcast Camera	URSA Broadcast	Blackmagic Desi	2 - Owner Provided		2
Broadcast Camera Viewfinder	7" URSA Studio '	Blackmagic Desi	2 - Owner Provided		2
Broadcast Lens	LA30X7.8BRM-X	Fujinon	2 - Owner Provided		2
Focus Demand	Focus Demand	Blackmagic Desi	2 - Owner Provided		2
Zoom Demand	Zoom Demand	Blackmagic Desi	2 - Owner Provided		2
Zoom Bracket	BMZOOMFD/BR	Blackmagic Desi	2 - Owner Provided		4
ENG Kit	CINEURSAMWC	Blackmagic Desi	2 - Owner Provided		2
PTZ Controller	PTZ-EXTREME-	SKAARHOJ	2 - Owner Provided		1
Camera Controller and Shader	COLOR-FLY-GS	SKAARHOJ	2 - Owner Provided		1
Replay Controller	DV/RES/BBPNL(	Blackmagic Desi	2 - Owner Provided		1
Camera Fiber Converter	Camback MK2 S	BroadcastGear			4
PTZ Fiber Converter	PTZ MK2 SMPTI	BroadcastGear	2 - Owner Provided		3
Camera Converter Base Station	BaseStation4 MI	BroadcastGear	2 - Owner Provided		2
Heavy Duty Tripod	VB5-FTMS	Vinten	2 - Owner Provided		2
Medium Duty Tripod	Triman Tripod Kit	Manfrotto	2 - Owner Provided		3
100' 12G SDI Portable	TBD	Belden, Canare	2 - Owner Provided		16
50' 12G SDI Portable	TBD	Belden, Canare	2 - Owner Provided		16
25' 12G SDI Portable	TBD	Belden, Canare	2 - Owner Provided		16
15' 12G SDI Portable	TBD	Belden, Canare	2 - Owner Provided		20
25' SDI Install	TBD	Belden, Canare	2 - Owner Provided		32
10' SDI Install	TBD	Belden, Canare	2 - Owner Provided		64
5' SDI Install	TBD	Belden, Canare	2 - Owner Provided		48
3' SDI Install	TBD	Belden, Canare	2 - Owner Provided		48
2' SDI Install	TBD	Belden, Canare	2 - Owner Provided		32
opticalCON DUO SMPTE 311M 250'	opticalCON DUC	Camplex	2 - Owner Provided		2
opticalCON DUO SMPTE 311M 100'	opticalCON DUC	Camplex	2 - Owner Provided		4
opticalCON DUO SMPTE 311M 50'	opticalCON DUC	Camplex	2 - Owner Provided		6
opticalCON DUO SMPTE 311M 25'	opticalCON DUC	Camplex	2 - Owner Provided		2
opticalCON DUO SMPTE 311M 6'	opticalCON DUC	Camplex	2 - Owner Provided		8
opticalCON DUO coupler	NAO2S-H1W-A	Neutrik	2 - Owner Provided		6
OpticalCON Duo Lite Patch - 100'	TBD	TBD	2 - Owner Provided		6
OpticalCON Duo Lite Patch - 50'	TBD	TBD	2 - Owner Provided		6
OpticalCON Duo Lite Patch - 25'	TBD	TBD	2 - Owner Provided		4
Projector	EB-PQ2216B	Epson	2 - Owner Provided		1
Projector Lens	ELPLM10 - VER	Epson	2 - Owner Provided		1
Projector Rigging Frame	ELPMB59	Epson	2 - Owner Provided		1
Projector Backdrop Lenses	140-142108-01	Christie	3 - If Funds Allow		2
Projector Screen	ZGPT300PW - 1	Screen Innovatio	1 - Contractor Provided	- NOT in Division 27 Scope	1
Auditorium Lobby TV	FW75BZ40L	Sony	2 - Owner Provided		1
Backstage/Hallway/DR Monitoring TV	55UR340C9UD	LG	2 - Owner Provided		12
A117 Monitoring TV	43UR340C9UD	LG	2 - Owner Provided		1
Video Room Multiview TVs	OLED55C5PUA	LG	2 - Owner Provided		3
Lobby TV Mount	LSM1U	Chief	1 - Contractor Provided		1
Other TV Mounts	FSM-L	Gabor	1 - Contractor Provided		16

Network/Computers/Comms

Item	Name 1	Manufacturer 1	Category	Location	Quantity
Macs					
FOH Show Control Computers	Mac Mini	Apple	2 - Owner Provided	AUD_FOH_1	2
Video Control Computers	Mac Studio	Apple	2 - Owner Provided	AUD_VID_1	1
Magic Trackpad	Magic Trackpad	Apple	2 - Owner Provided	AUD_VID_2	3
Magic Keyboard with Numeric Keypad	Magic Keyboard with Numeric Keypa	Apple	2 - Owner Provided	AUD_VID_4	3
Digital Audio Software	Dante Virtual Soundcard (Transferab	Audinate	2 - Owner Provided	Various	3
Rackmac Mini	Rackmac Mini	Sonnet	2 - Owner Provided	AUD_FOH_1	1
SMAART	Smaart RT	Rational Acoustic	2 - Owner Provided	AUD_FOH_1	1
Qlab Licenses	Qlab 5 - Standard License	Figure 53	2 - Owner Provided	Various	4
iPads	iPad Mini	Apple	2 - Owner Provided	Various	3
Computer Accessory/Monitor Mount/Cable Allowance	TBD	TBD	2 - Owner Provided	Various	1
Networking Equipment					
Fiber Core Switch	XSM4340FV-100NES	Netgear	2 - Owner Provided	IDF_AV_1	1
AV Main Switch	XSM4340CV-100NES	Netgear	2 - Owner Provided	AUD_VID_1, AUI	2
AV Switch	GSM4248PX-100NAS	Netgear	2 - Owner Provided	IDF_AV_1, AUD_	2
10G SFP Modules	AXM764	Netgear	2 - Owner Provided	Various	20
25G SFP Modules	TBD	TBD	2 - Owner Provided	Various	16
Indoor Dome Cameras	CD43-256-HW	Verkada	2 - Owner Provided	Various	6
Indoor Dome 5-Year Camera Licenses	LIC-CAM-5Y-CAP	Verkada	2 - Owner Provided	Various	6
Juniper AP	AP-45	Juniper	2 - Owner Provided	Various	8
Network Cable Allowance	TBD	TBD	2 - Owner Provided	Various	1
UPS	TBD	CyberPower or A	2 - Owner Provided	All Racks	4
Comms					
Wired Beltpack	GGO-BPX	GreenGo Digital	1 - Contractor Provided	Portable	6
Wireless Beltpack	GGO-WBPX	GreenGo Digital	1 - Contractor Provided	Portable	6
Dante Interface	GGO-DANTEX	GreenGo Digital	1 - Contractor Provided	Portable	1
Radio Interface	GGO-RDX	GreenGo Digital	1 - Contractor Provided	Portable	1
Rack Station	GGO-MCX	GreenGo Digital	1 - Contractor Provided	Portable	4
Wireless Antenna	GGO-STRIDEAU	GreenGo Digital	1 - Contractor Provided	Portable	6
Battery	GGO-NRGP	GreenGo Digital	1 - Contractor Provided	Portable	6
Charger	GGO-BC6	GreenGo Digital	1 - Contractor Provided	Portable	2
Headset - Slim	PH-88	RTS	1 - Contractor Provided	Portable	18

1 GENERAL NOTE: OWNER-PROVIDED EQUIPMENT WILL BE NEW IN THE BOX AND WILL BE AVAILABLE TO BE PICKED UP FOR PRE-FABRICATION OFF SITE WITH APPROPRIATE NOTICE AND COORDINATION BEFOREHAND.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

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Zionsville, IN 46077

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ARCHITECT

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350 E NEW YORK ST, SUITE 300, INDIANAPOLIS, IN 45204

ISSUED FOR BID

PROFESSIONAL ENGINEER BRIAN W. BUTLER REGISTERED No. PE10300008 STATE OF INDIANA

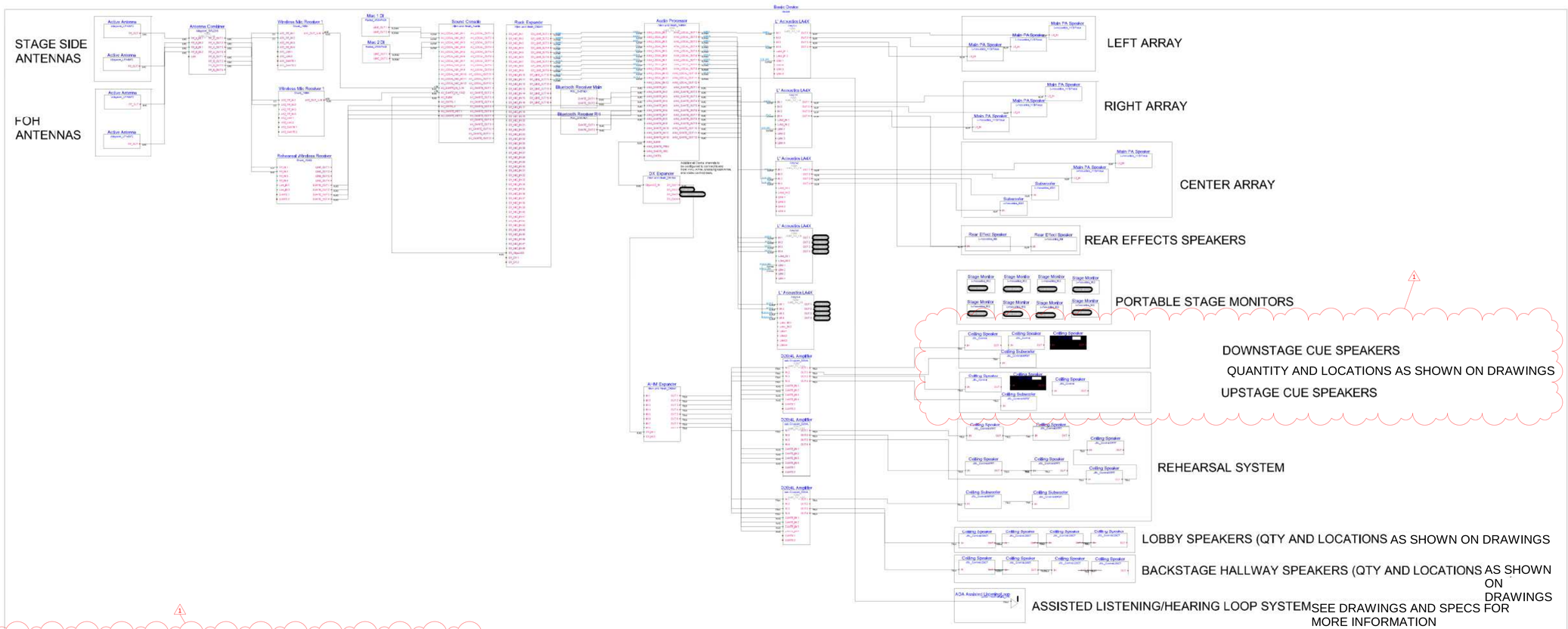
PROJECT MANAGER: JAM
DRAWN BY: CDT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	01.08.26

TECHNOLOGY DETAILS

ZH-T501

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GENERAL NOTE: ONE LINE DIAGRAM SHOWN AS REFERENCE ONLY. REFER TO ZH-T501 AND ZH-T701 FOR MORE INFORMATION.

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350 E NEW YORK ST, SUITE 300, INDIANAPOLIS, IN 45204

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE10800 STATE OF PROFESSIONAL ENGINEER

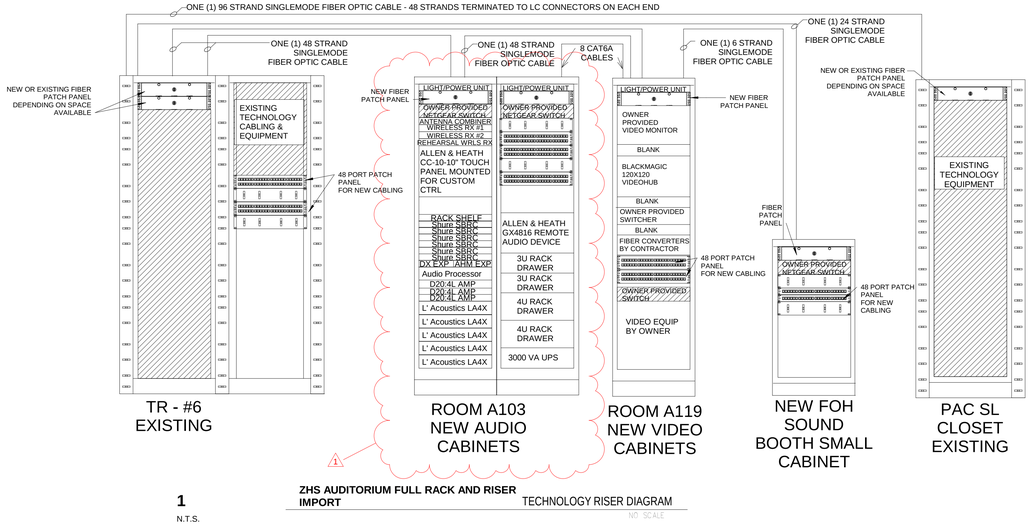
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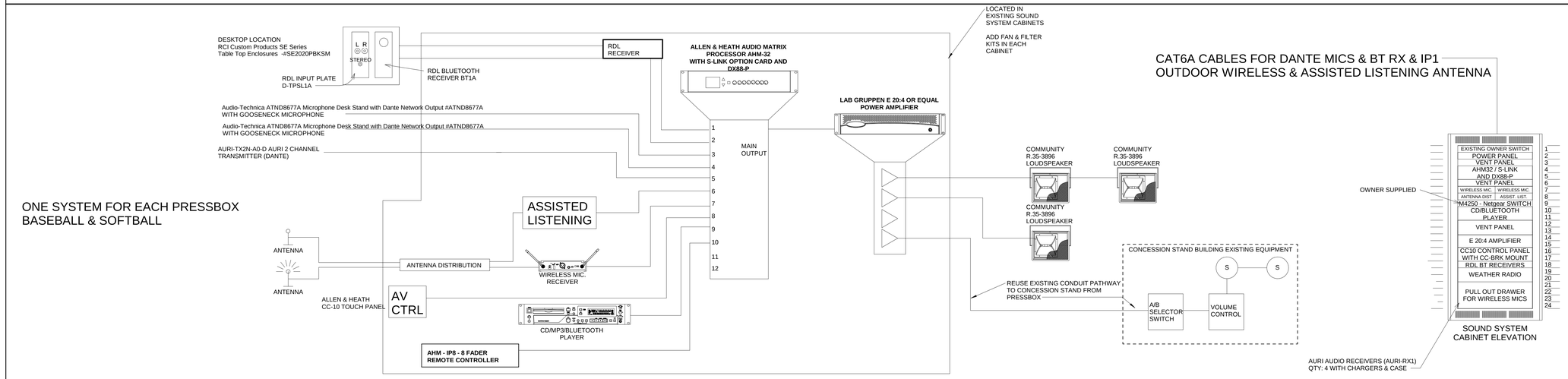
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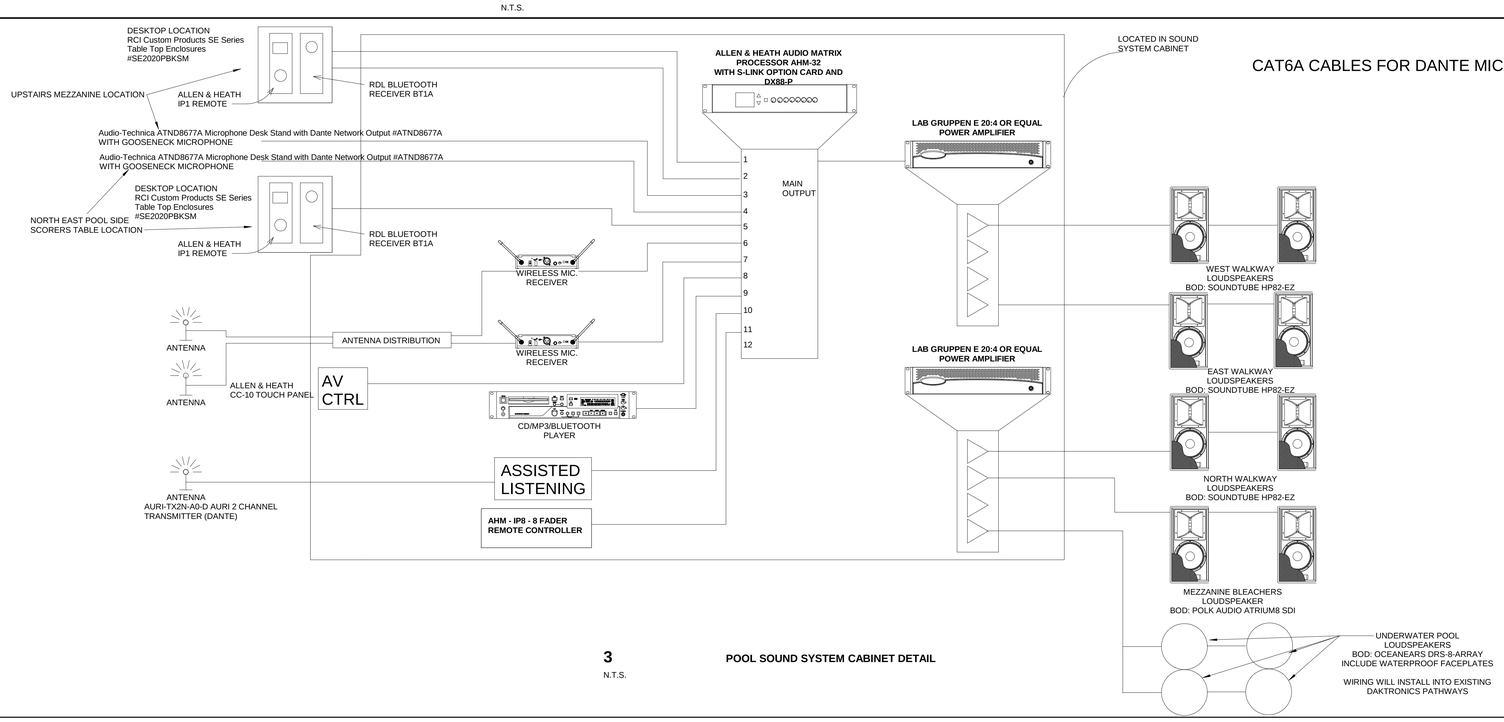
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BRIAN W. BUTLER REGISTERED No. PE10800035 STATE OF INDIANA PROFESSIONAL ENGINEER

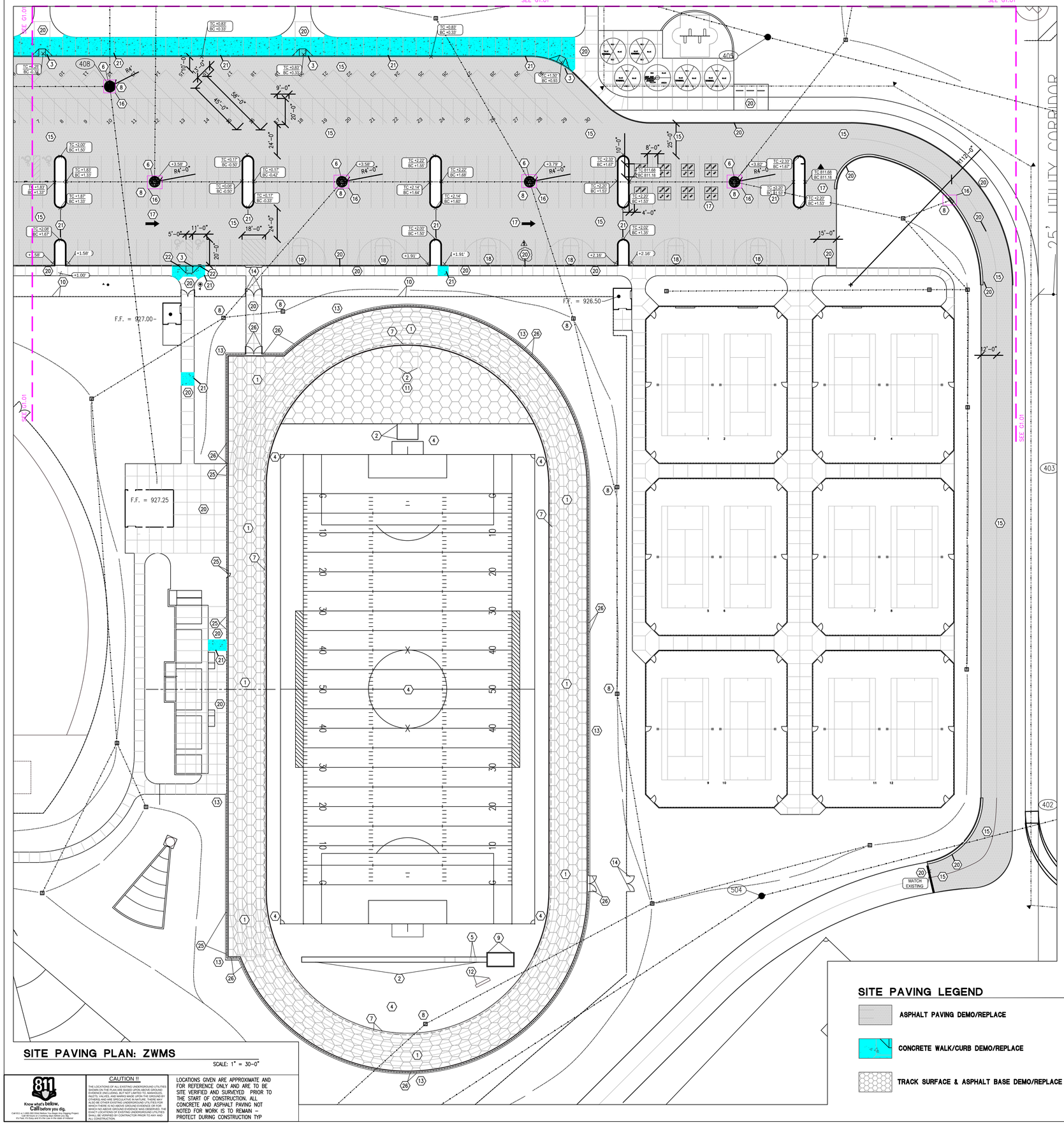
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TECHNOLOGY RISER DIAGRAM

ZH-T701

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SITE PAVING PLAN: ZWMS

SCALE: 1" = 30'-0"

811 Know what's below. Call before you dig. Call 811 or 1-800-382-5544 before the day you begin any digging Project. Call 48 hours to 7 working days before you dig. It's Free, It's Easy and It's the Law in the state of Indiana

CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVES, HYDRANTS, ETC.) AND MAPS FURNISHED BY OTHERS AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED AND WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

LOCATIONS GIVEN ARE APPROXIMATE AND FOR REFERENCE ONLY AND ARE TO BE SITE VERIFIED AND SURVEYED PRIOR TO THE START OF CONSTRUCTION. ALL CONCRETE AND ASPHALT PAVING NOT NOTED FOR WORK IS TO REMAIN – PROTECT DURING CONSTRUCTION TYP

SITE PAVING LEGEND

- ASPHALT PAVING DEMO/REPLACE
- CONCRETE WALK/CURB DEMO/REPLACE
- TRACK SURFACE & ASPHALT BASE DEMO/REPLACE

GENERAL NOTES

All contractors but not limited to the excavating contractor or contractors must take particular care when excavating in and around existing utility lines and equipment. Actual field locations of all the existing utilities are the contractors responsibility and must be located either by the representive of the utility company or by a private underground utility locating company prior to the start of excavating. Verify minimum cover requirements by the utility contractor or contractors or agencies whomever utility companies or agencies whomever has jurisdication so not to cause damage.

All construction methods and materials must conform to current standards and specifications of the Federal,State, County, City or Local requirements, whichever has jurisdiction.

Existing pavement, sidewalks curbs driveways, electrical transformer, ditches, drainage pipes and structures, fences, lawns, trees, bushes, mailboxes, signs, power poles etc., to remain shall be protected from damage by the contractor. Any damage during construction shall be restored, reconstructed or replaced by the contractor at his expense. All damages shall be restored or replaced to at least their original condition or as required or dictated by Federal, State, County, City or Local

All areas where the existing pavement or pavements are damaged during construction from heavy traffic or equipment, fuel oil, oil, gasoline, etc., by the General Contractor, Subcontractor, or Suppliers, shall be reconstructed to it's original condition or as required or dictated by Federal, State, County, City or local agencies. This reconstruction and repair shall take place at the end of the project construction or during the scheduled grading and paving of those areas.

It shall be the responsibility of the contractor to bare all expenses to remove, relocate and or modify all utilities, private, public, unless noted otherwise on plans. It further shall be the responsibility of the contractor to verify with each utility company and or agent to who is responsible to remove, relocate and or modify such utilities existing or proposed.
It further shall be the responsibility of the contractor to verify if any future utilities are planned and how it may effect this project and its owner as to their resonsibilities.

The contractor shall be responsible to provide at his expense all automobile and pedestrain traffic control devices required by Federal, State, County, City or Local agencies.

Removal of the existing improvements are as noted on the plans. The materials removed from the site shall be disposed of in a proper and legal manner per Federal, State, County, City, and or Local laws and ordinance.

It is the responsibility of the contractor or contractors to obtain all Federal, State, County, City, and Local permits for any and all work required unless otherwise noted.
This includes the submittal of soil erosion & sediment control plans as required for rule 5.
The contractor or contractors are responsible to pay for all required permits by any or all agenies mentioned above unless otherwise noted by the contract or specifications.

It is the contractor's responsibility to notify all the utility companies and departments 72 hours before construction is to start to verify any utilities that may be present on site. All verifications, locations, size and depths shall be made by the appropriate utility companies or departments. When excavating around or over existing utilities, the contractor must notify the utility company so a representive of the utility can be present during the excavation to instruct and observe during the excavation.

It shall be the the responsibility of the contractor to coordinate all proposed construction with adjacent property owners and verify that written permission has been obtained to cross the neighboring properties to access and complete proposed construction as shown.

It is the responsibility of the contractor to inspect each day and remove all mud, dirt, gravel and loose materials tracked, dumped, spilled or wind blown from this site onto other sites, right of ways, public or private streets or roads, driveways, yards or sidewalks. The contractor must clean or pick up daily if necessary. The contractor shall reduce the airborne dust during the entire construction schedule. Water may be used as a reducer.

The utilities indicated on these plans may not be a complete inventory of all the existing utilities present on and around this site. The locations and sizes of these utilities are approximate. This information was gathered or supplied from others and used by the architect and or engineer and may not be actual. The architect and or engineer may not be held liable for any incorrect or misleading utility information indicated, implied or not indicated on these plans.

The contractor shall verify all dimensions and elevations in the field before the start of construction. The contractor shall be responsible for all field dimensions and elevations during the entire construction schedule. If any discrepancies are found on the engineering plans or landscape plans from actual field conditions the contractor shall contact the A/E immediately. If any discrepancies are found on the survey plan or from actual field conditions the contractor shall contact the A/E immediately for instructions.

All radii indicated shall be formed as circular arcs.

All dimensions of pavements are to edge of finish pavement or face of curb unless otherwise noted.

All dimensions are parallel and perpendicular to the base lines, property lines and or building lines unless otherwise noted.

All concrete curbs shall be tooled for control joints and not to exceed 10'–0" maximum. Expansion joints shall not exceed 40'–0" maximum. Control joints in curbs may be saw cut within 24 hours after the curbs are poured. All curved concrete curbs with a radius shall have a maximum of 5' between control joints.

All 4" concrete pavements or sidewalks are not to exceed a maximum slope of 1' in 20'. Control joints shall not exceed a maximum of 10'–0" o.c.. Expansion joints shall not exceed 40'–0" o.c. maximum unless otherwise noted or indicated on plans.

PLAN NOTES

1. HONEYCOMB HATCH AREA: REMOVE EX. LATEX TRACK SURFACING IN IT'S ENTIRETY – MILL EX. ASPHALT PAVING FULL DEPTH (ROUGHLY 5") AND DISPOSE OF ALL WASTE MATERIALS LEGALLY OFF SITE. REMOVE 2" OF EX. AGGREGATE STONE BASE AND PROVIDE NEW 2" LAYER OF AGGREGATE TO EX. BASE COURSE PRIOR TO COMPACTING TO SPECIFIED COMPACTION – SEE PROJECT MANUAL – PROVIDE NEW ASPHALT PAVING : 3" INTERMEDIATE COURSE / 2" SURFACE COURSE – FILL AND SEAL ALL CRACKS WITHIN INTERMEDIATE COURSE PRIOR TO APPLYING SURFACE COURSE. APPLY NEW ¾" LATEX TRACK SYSTEM TO NEW ASPHALT PAVING – CLEAN / PERFORM WATER TEST UPON NEW ASPHALT PAVING PRIOR TO SYNTHETIC TRACK SURFACING APPLICATION. MAKING SURE NO LOW SPOTS ARE WITHIN THE PAVED AREAS – PROVIDE POSITIVE DRAINAGE TO EX. STORM MANHOLES. PROVIDE NEW TRACK MARKINGS PER NFHS & IHSAA GUIDELINES AND MATCHING EX. FOUND ON SITE – SEE DETAIL #1 ZWMS–G4.00
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PARKING SUMMARY: THERE ARE 490 EXISTING PARKING SPACES, INCLUDING TEN (10) ACCESSIBLE SPACES; BASED ON ZIONSVILLE ZONING ORDINANCE 194.105(F) REQUIRING 9 ADA SPACES, THE EXISTING ACCESSIBLE PARKING SUPPLIED MEETS THE CURRENT STANDARD.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

ZIONSVILLE WEST MIDDLE SCHOOL:
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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

317-848-0966 WWW.FHAI.COM
9025 N. RIVER ROAD, INDIANAPOLIS, IN., 46240



KEY PLAN

ISSUED FOR BID

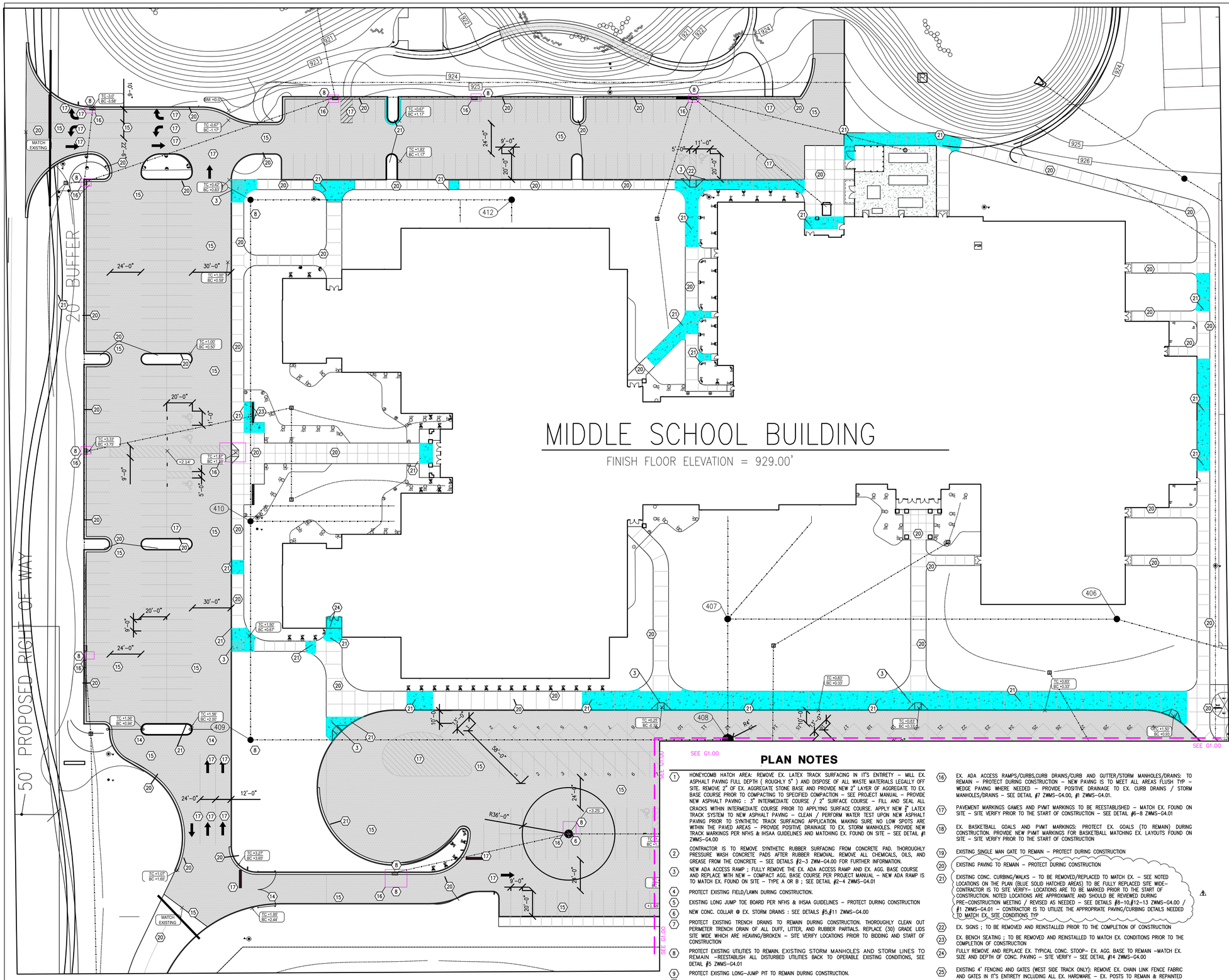
PAUL A. MILLER REGISTERED ARCHITECT No. A1300161 STATE OF INDIANA

PROJECT MANAGER: JM
DRAWN BY: FH
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12/11/25

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	01/08/26

SITE PAVING PLAN

ZW-G1.00



SITE PAVING PLAN: ZWMS

SCALE: 1" = 30'-0"

SITE PAVING LEGEND

- ASPHALT PAVING DEMO/REPLACE
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811 Know what's below. Call before you dig. Call 811 or 1-800-382-5544 Before You Begin Any Digging Project. It's Fast, It's Easy and It's the Law in the state of Indiana

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

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9025 N. RIVER ROAD, INDIANAPOLIS, IN., 46240



KEY PLAN

ISSUED FOR BID

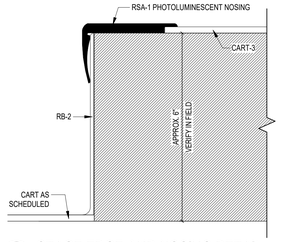
PAUL A. MILLER REGISTERED No. A19300161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: FH
PROJECT NUMBER: 224035.00
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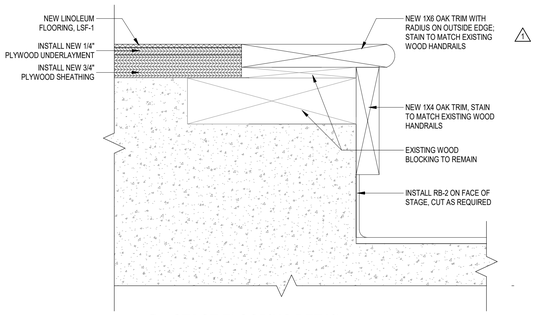
REV. NO.	DESCRIPTION	DATE
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SITE PAVING PLAN

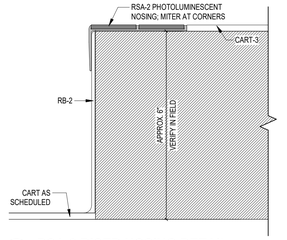
ZW-G1.01



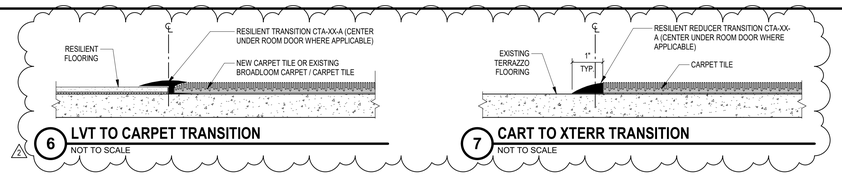
3 STAGE EDGE AND NOSING DETAIL
SCALE: 6" = 1'-0"



4 STAGE FLOORING DETAIL
SCALE: 6" = 1'-0"

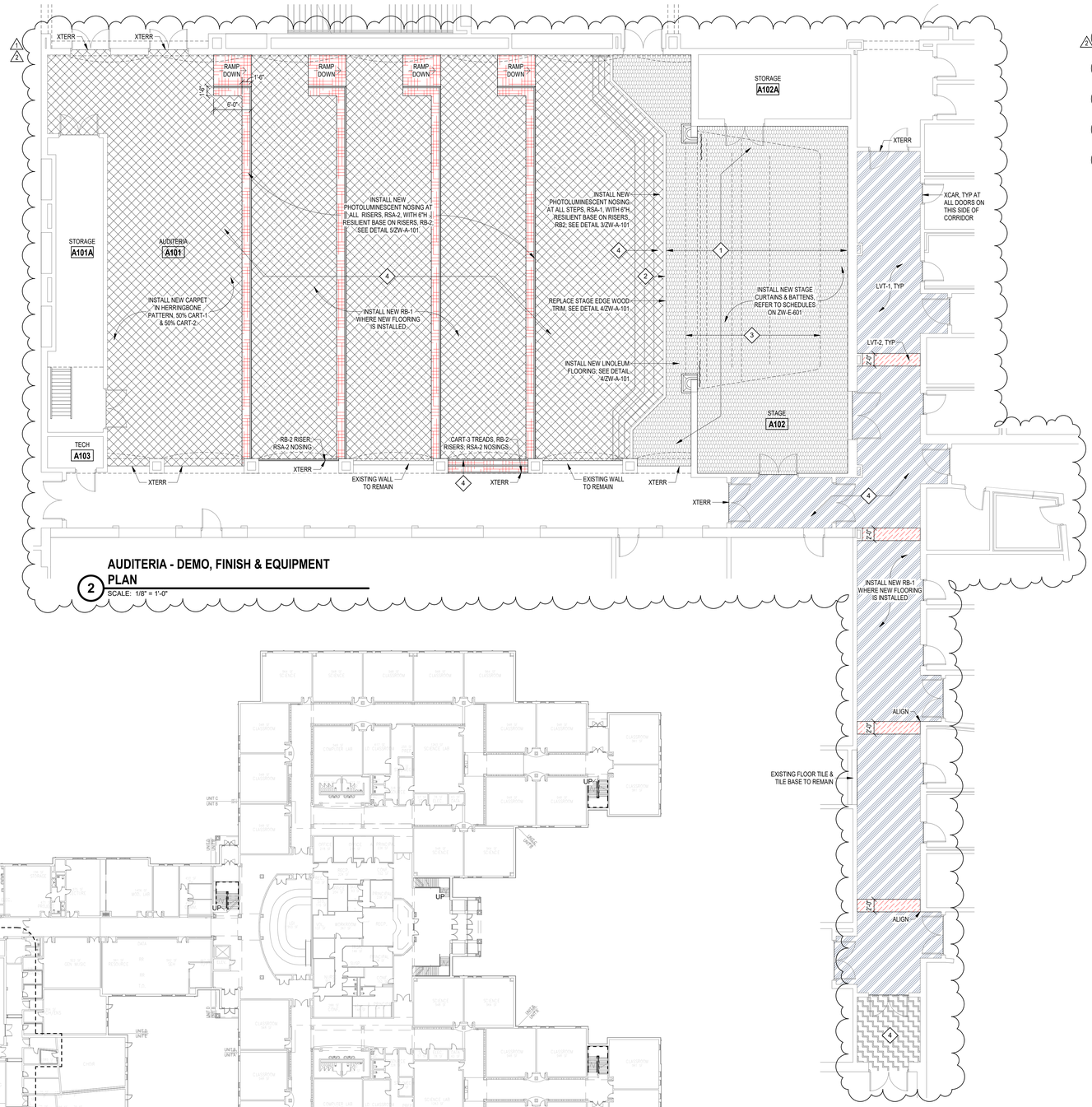


5 RSA-2 RISER NOSING DETAIL
SCALE: 6" = 1'-0"

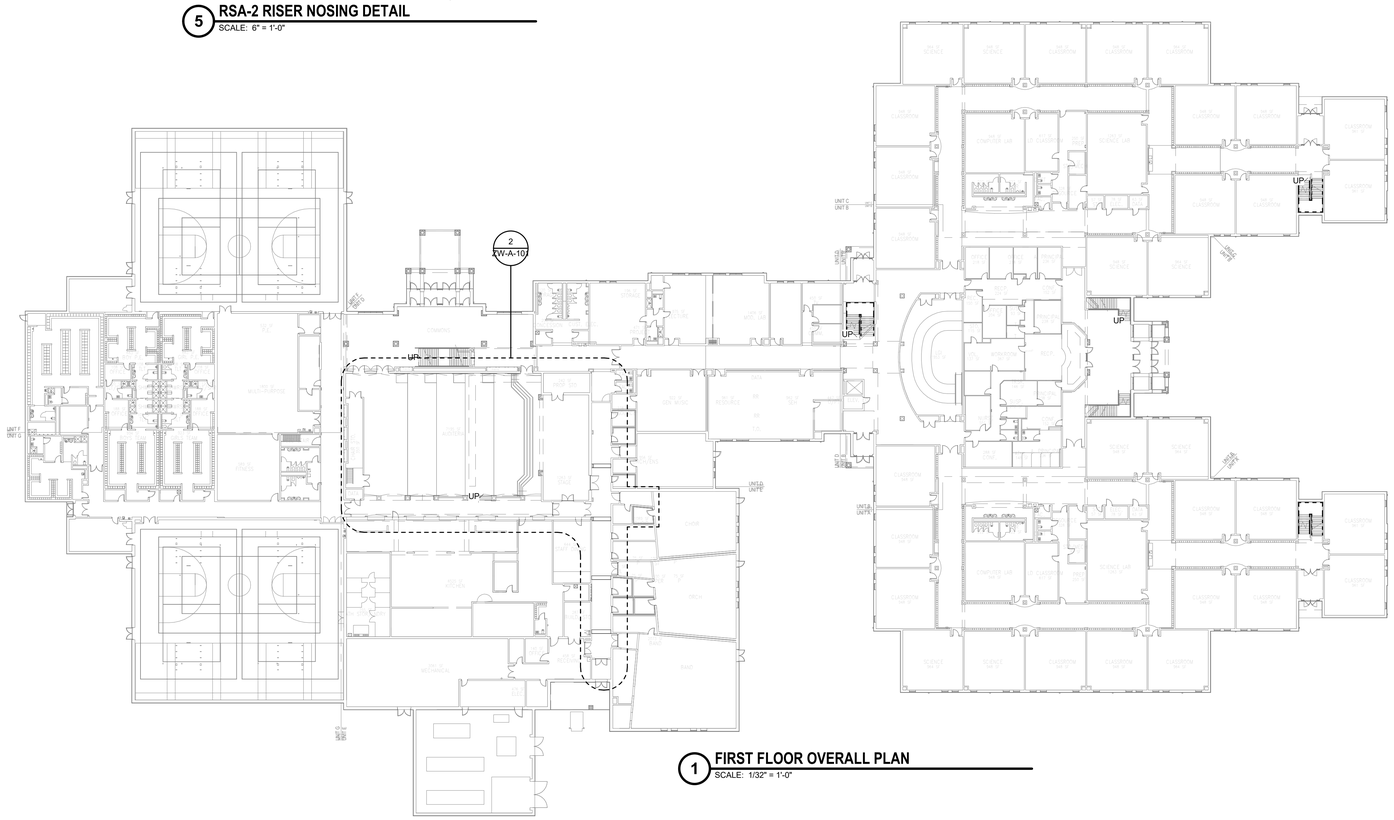


6 LVT TO CARPET TRANSITION
NOT TO SCALE

7 CART TO XTERR TRANSITION
NOT TO SCALE



2 AUDITERIA - DEMO, FINISH & EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"



1 FIRST FLOOR OVERALL PLAN
SCALE: 1/32" = 1'-0"

ROOM LEGEND - FIRST FLOOR

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
A101		AUDITERIA	5,642 SF
A101A		STORAGE	371 SF
A102		STAGE	1,745 SF
A102A		STORAGE	246 SF
A103		TECH	44 SF

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. INSTALL NEW RESILIENT TRANSITION STRIP BETWEEN NEW FLOOR FINISH AND EXISTING FLOOR FINISH.
C. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH.

DEMOLITION KEYNOTES

1 REMOVE EXISTING RESILIENT WALL BASE AND LINOLEUM STAGE FINISH, ALONG WITH PLYWOOD UNDERLAYMENT. EXISTING SLEEPERS TO REMAIN. PREPARE TO ACCEPT NEW FLOORING ASSEMBLY DURING NEW CONSTRUCTION
2 REMOVE EXISTING WOOD TRIM (ENTIRE LENGTH OF STAGE) AS REQUIRED TO ACCOMMODATE NEW TRIM. REMOVE EXISTING SAFETY LIGHT STRIP, REFER TO ELECTRICAL DRAWINGS
3 REMOVE EXISTING PIPE BATTENS, STAGE CURTAINS, AND ALL RELATED ACCESSORIES; REFER TO E- SERIES DRAWINGS FOR NEW STAGE CURTAIN/ RIGGING LAYOUT
4 REMOVE EXISTING CARPET, WALL BASE, NOSINGS, AND TRANSITIONS. REMOVE ADHESIVES DOWN TO EXISTING SLAB. PREPARE SURFACE TO ACCEPT NEW FINISHES AS SCHEDULED

LIST OF FINISHES

CART-1 (CARPET TILE)
MANUFACTURER: J+J FLOORING
PRODUCT: KINETEX
STYLE: SOUNDTRACK (1847)
COLOR: REMIX (3021)

CART-2 (CARPET TILE)
MANUFACTURER: J+J FLOORING
PRODUCT: KINETEX
STYLE: SOUNDTRACK (1847)
COLOR: ALBUM (3017)

CART-3 (CARPET TILE)
MANUFACTURER: J+J FLOORING
PRODUCT: KINETEX
STYLE: SOUNDTRACK (1847)
COLOR: CD (3024)

ECT-1 (WALK-OFF CARPET TILE)
MANUFACTURER: INTERFACE
PRODUCT: STEP REPEAT
STYLE: SR899
COLOR: IRON 104936

LSF-1 (LINOLEUM SHEET FLOORING)
MANUFACTURER: FORBO
PRODUCT: MARMOLEUM
STYLE: CONCRETE
COLOR: TO BE SELECTED

LVT-1 (LUXURY VINYL TILE)
MANUFACTURER: MANNINGTON
PRODUCT: UNITERRUPTED
STYLE: STONE
COLOR: TO BE SELECTED

RB-1 (RESILIENT BASE)
MANUFACTURER: JOHNSONITE
COLOR: MATCH EXISTING
SIZE: 4"H COVE BASE

RB-2 (RESILIENT BASE)
MANUFACTURER: JOHNSONITE
COLOR: TO BE SELECTED
SIZE: 6"H COVE BASE

RSA-1 (RESILIENT STAIR ACCESSORY)
MANUFACTURER: JOHNSONITE
PRODUCT: SAFE-T-FIRST NOSING
STYLE: PVIRCNN-XX-A
COLOR: TO BE SELECTED

RSA-2 (RESILIENT STAIR ACCESSORY)
MANUFACTURER: GRADUS
PRODUCT: ALUM NOSING HE2 WITH PHOTOLUMINESCENT INSIGHT
COLOR: TO BE SELECTED

FLOOR FINISH LEGEND

CART-1 AND CART-2 50/50 MIX, HERRINGBONE
CART-3
LVT-1
ECT-1
LVT-2
LSF-1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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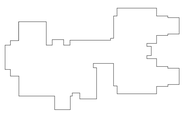
Zionsville Community Schools

2026 IMPROVEMENTS

ZIONSVILLE WEST MIDDLE SCHOOL
5565 S 700 E
Whitestown, IN 46075

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT
FANNING HOWEY
317.848.0966 WWW.FHAI.COM
350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN N

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

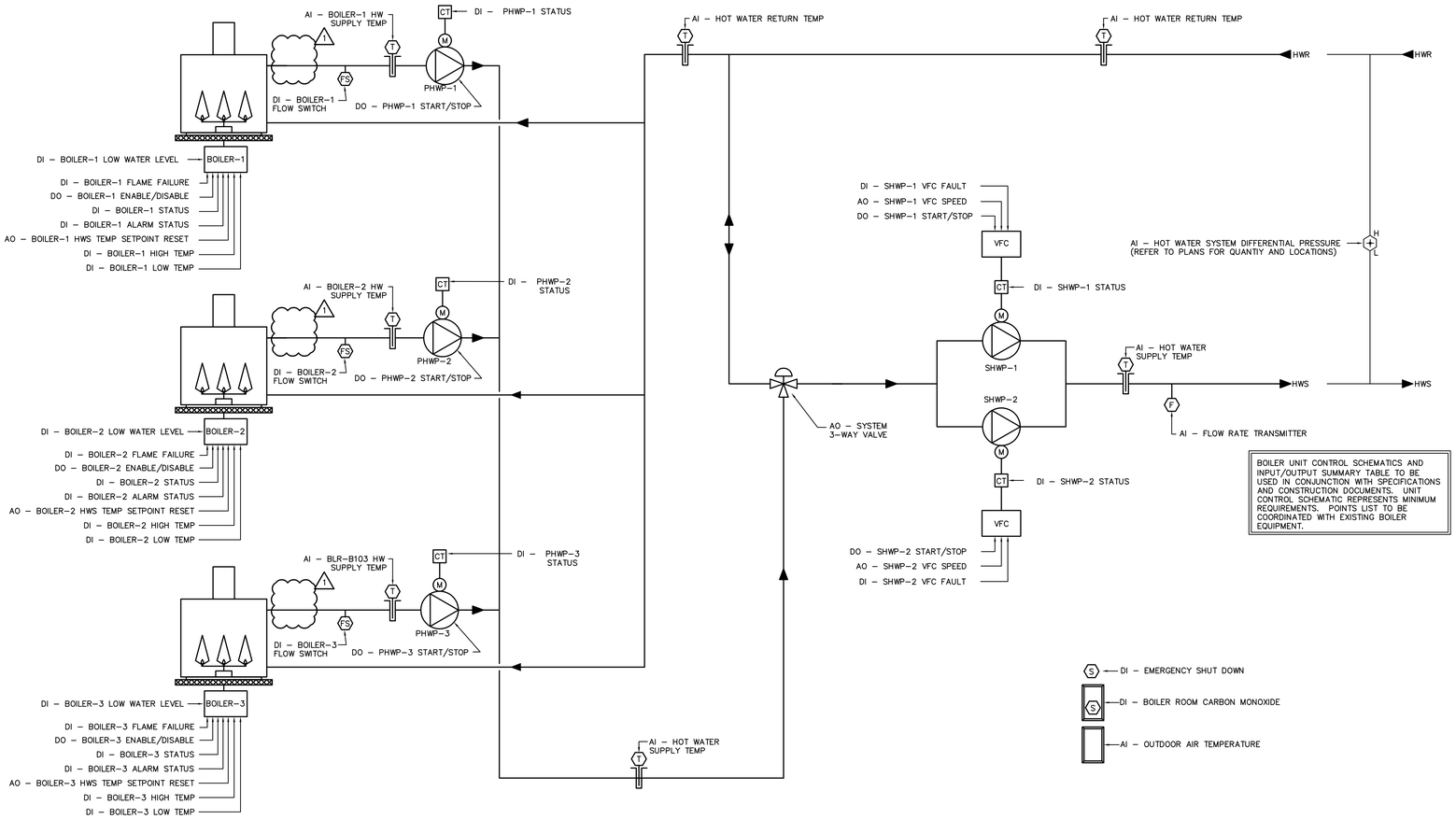
PROJECT MANAGER: JM
DRAWN BY: AML
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	12.22.2025
2	ADDENDUM #2	01.08.2026

STAGE FINISH & EQUIPMENT PLAN

ZW-A-101

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BOILER UNIT CONTROL SCHEMATICS AND INPUT/OUTPUT SUMMARY TABLE TO BE USED IN CONJUNCTION WITH SPECIFICATIONS AND CONSTRUCTION DOCUMENTS. UNIT CONTROL SCHEMATIC REPRESENTS MINIMUM REQUIREMENTS. POINTS LIST TO BE COORDINATED WITH EXISTING BOILER EQUIPMENT.

INPUT/OUTPUT SUMMARY TABLE

PROJECT:
ZIONSVILLE COMMUNITY SCHOOLS
ZIONSVILLE, IN

	HEATING WATER PLANT						
POINT DESCRIPTION	AI	AO	DI	DO	TREND	ALARM	GRAPHIC
HOT WATER SUPPLY TEMP	X				X		X
HOT WATER RETURN TEMP	X				X		X
HOT WATER FLOW TRANSMITTER	X				X	X	X
HOT WATER SYSTEM DIFFERENTIAL PRESSURE	X				X		X
BOILER–1 HW SUPPLY TEMP	X				X		X
BOILER–2 HW SUPPLY TEMP	X				X		X
BOILER–3 HW SUPPLY TEMP	X				X		X
BOILER–1 HIGH TEMP	X					X	
BOILER–2 HIGH TEMP	X					X	
BOILER–3 HIGH TEMP	X					X	
BOILER–1 LOW TEMP	X					X	
BOILER–2 LOW TEMP	X					X	
BOILER–3 LOW TEMP	X					X	
SHWP–1 VFC SPEED		X			X	X	X
SHWP–2 VFC SPEED		X			X	X	X
BOILER–1 HWS TEMP SETPOINT RESET		X			X		X
BOILER–2 HWS TEMP SETPOINT RESET		X			X		X
BOILER–3 HWS TEMP SETPOINT RESET		X			X		X
BOILER–1 STATUS			X		X	X	X
BOILER–2 STATUS			X		X	X	X
BOILER–3 STATUS			X		X	X	X
SHWP–1 STATUS			X		X	X	X
SHWP–2 STATUS			X		X	X	X
PHWP–1 STATUS			X		X	X	X
PHWP–2 STATUS			X		X	X	X
PHWP–3 STATUS			X		X	X	X
BOILER–1 FLOW SWITCH			X		X	X	X
BOILER–2 FLOW SWITCH			X		X	X	X
BOILER–3 FLOW SWITCH			X		X	X	X
BOILER–1 ALARM STATUS			X		X	X	X
BOILER–2 ALARM STATUS			X		X	X	X
BOILER–3 ALARM STATUS			X		X	X	X
SHWP–1 VFC FAULT			X		X	X	X
SHWP–2 VFC FAULT			X		X	X	X
BOILER–1 ENABLE/DISABLE				X			X
BOILER–2 ENABLE/DISABLE				X			X
BOILER–3 ENABLE/DISABLE				X			X
SHWP–1 START/STOP				X			
SHWP–2 START/STOP				X			
PHWP–1 START/STOP				X			
PHWP–2 START/STOP				X			
PHWP–3 START/STOP				X			
1							
BOILER–1 FLAME FAILURE						X	
BOILER–2 FLAME FAILURE						X	
BOILER–3 FLAME FAILURE						X	
BOILER–1 LOW WATER LEVEL						X	
BOILER–2 LOW WATER LEVEL						X	
BOILER–3 LOW WATER LEVEL						X	
BOILER ROOM CARBON MONOXIDE						X	
OUTSIDE AIR TEMPERATURE	X				X		X
1							
SYSTEM 3–WAY VALVE		X			X		X
EMERGENCY SHUT–DOWN			X			X	

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

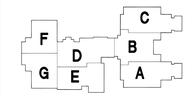
ZIONSVILLE WEST MS
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Whitestown, IN 46075

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

ISSUED FOR BID

MARK Z. HOPF REGISTERED No. PE 12000601 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: DJA
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

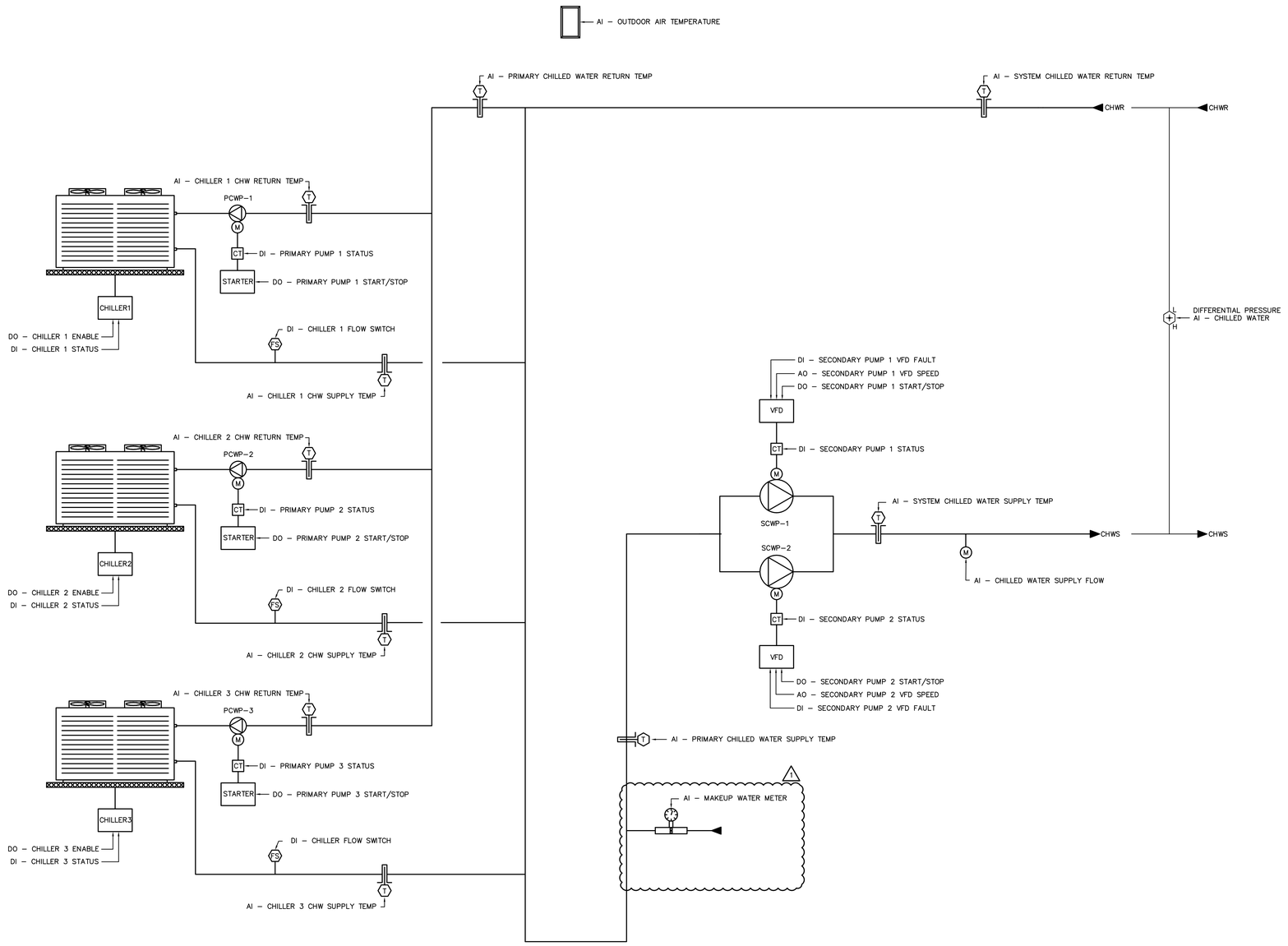
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	01.08.2026

VERIFICATION NOTE
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PRECEEDING WITH WORK.

BOILER CONTROL SCHEMATIC

ZW-M-703



INPUT/OUTPUT SUMMARY TABLE

PROJECT: ZIONSVILLE COMMUNITY SCHOOLS ZIONSVILLE, IN	COOLING PLANT						
POINT DESCRIPTION	AI	AO	DI	DO	TREND	ALARM	GRAPHIC
SYSTEM CWS TEMPERATURE	X				X		X
SYSTEM CWR TEMPERATURE	X				X		X
PRIMARY CWS TEMPERATURE	X				X		X
PRIMARY CWR TEMPERATURE	X				X		X
OUTSIDE AIR TEMPERATURE	X				X		X
SYSTEM CHILLED WATER SUPPLY FLOW	X				X	X	X
SYSTEM DIFFERENTIAL PRESSURE	X				X		X
CHILLER DIFFERENTIAL PRESSURE	X				X		X
1 MAKEUP WATER METER	X				X		X
CHILLER CH–1 CWS TEMPERATURE	X				X		X
CHILLER CH–1 CWR TEMPERATURE	X				X		X
CHILLER CH–2 CWS TEMPERATURE	X				X		X
CHILLER CH–2 CWR TEMPERATURE	X				X		X
CHILLER CH–3 CWS TEMPERATURE	X				X		X
CHILLER CH–3 CWR TEMPERATURE	X				X		X
SECONDARY PUMP SCWP–1 VFD		X			X	X	X
SECONDARY PUMP SCWP–2 VFD		X			X	X	X
CHILLER CH–1 STATUS			X		X	X	X
CHILLER CH–2 STATUS			X		X	X	X
CHILLER CH–3 STATUS			X		X	X	X
PRIMARY PUMP PCWP–1 STATUS			X		X	X	X
PRIMARY PUMP PCWP–2 STATUS			X		X	X	X
PRIMARY PUMP PCWP–3 STATUS			X		X	X	X
SECONDARY PUMP SCWP–1 STATUS			X		X	X	X
SECONDARY PUMP SCWP–2 STATUS			X		X	X	X
SECONDARY PUMP SCWP–1 VFD FAULT			X		X	X	X
SECONDARY PUMP SCWP–2 VFD FAULT			X		X	X	X
CHILLER CH–1 FLOW SWITCH			X		X	X	X
CHILLER CH–2 FLOW SWITCH			X		X	X	X
CHILLER CH–3 FLOW SWITCH			X		X	X	X
CHILLER CH–1 ENABLE/DISABLE				X			X
CHILLER CH–2 ENABLE/DISABLE				X			X
CHILLER CH–3 ENABLE/DISABLE				X			X
PRIMARY PUMP PCWP–1 S/S				X			X
PRIMARY PUMP PCWP–2 S/S				X			X
PRIMARY PUMP PCWP–3 S/S				X			X
SECONDARY PUMP SCWP–1 S/S				X			X
SECONDARY PUMP SCWP–2 S/S				X			X

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

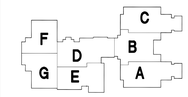
ZIONSVILLE WEST MS
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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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KEY PLAN

N

ISSUED FOR BID



PROJECT MANAGER: JM
DRAWN BY: DJA
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	01.08.2026

CHILLER CONTROL SCHEMATIC

ZW-M-704

ELECTRICAL ABBREVIATIONS

ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

#	NUMBER
(N)P(N)W	NUMBER OF POLES, NUMBER OF WIRES
ACU	AIR CONDITIONING UNIT
AF	AMP FRAME
AFC	ABOVE FINISHED COUNTERTOP
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLER UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AID	ADDRESSABLE INTERFACE DEVICE
AR	AS REQUIRED
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
A/V	AUDIO VISUAL
B	BLANK
BPS	BOLTED-PRESSURE CONTACT SWITCH
C	CONDUIT (GENERIC TERM FOR RACEWAY, PROVIDE AS SPECIFIED)
Cd	CANDELA
CLG	CEILING MOUNTED
CAM	CAMERA
CL	LIGHTING CONTACTOR
COL	COLUMN
CMF	COMBINATION MOTOR FUSIBLE STARTER
CUH	CABINET UNIT HEATER
D	DEMO TABLE
DC	DIRECT CURRENT
DED	DEDICATED DEVICE ON INDIVIDUAL BRANCH CIRCUIT
DF	DUAL FACE
DIA	DIAMETER
DISTR	DISTRIBUTION
DPST	DOUBLE POLE SINGLE THROW
DPDT	DOUBLE POLE DOUBLE THROW
DT	DUST-TIGHT
EBJ	EQUIPMENT BONDING JUMPER ON LOAD SIDE OF AN OVER-CURRENT DEVICE
EC	ELECTRICAL CONTRACTOR
EM	WIRED ON EMERGENCY CIRCUIT
EOL	END OF LINE
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EX	EXISTING
F	FLUSH
F@	FUSED AT
FA	FIRE ALARM
FBO	FURNISHED BY OTHERS
FCU	FAN COIL UNIT
FDN	FOUNDATION
FPB	FAN POWERED BOX
FRE	FIBERGLASS REINFORCED EPOXY CONDUIT
FS	FLOW SWITCH
H-O-A	HAND-OFF-AUTO
HTP	HEAT PUMP
KEC	KITCHEN EQUIPMENT CONTRACTOR
K/O	KNOCK-OUT
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
LFNC	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT
LS	LIMIT SWITCH
LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS AND GROUND FAULT TRIP ADJUSTMENTS TO BE PROVIDED ON A CIRCUIT BREAKER
LV	LOW VOLTAGE
MATV	MASTER ANTENNA TV
MBJ	MAIN BONDING JUMPER
MC/ER	MAIN CROSS-CONNECT/EQUIPMENT ROOM
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
M.H.	MANHOLE (ON SITE PLAN)
MH	MOUNTING HEIGHT (ON PLAN), ALL MOUNTING HEIGHTS FOR DEVICE BOXES ARE FROM FINISHED FLOOR TO BOTTOM OF BOX, UNO. VERIFY OUTLET LOCATIONS WITH OTHER TRADES BEFORE ROUGH-IN
MLO	MAIN LUGS ONLY
MOD	MOTOR OPERATED DISCONNECT SWITCH
MOCP	MAXIMUM OVER-CURRENT PROTECTION
MSB	MAIN SWITCHBOARD
MSC	MOTOR STARTER CENTER
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
MV	MEDIUM VOLTAGE
MZU	MULTI-ZONE HVAC UNIT
N	GROUNDED CIRCUIT CONDUCTOR (NEUTRAL)
+N	INDICATES MOUNTING HEIGHT (N) TO BOTTOM OF DEVICE FROM FINISH FLOOR, UNO
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NFS	NONFUSIBLE SWITCH
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NM	NONMETALLIC SHEATHED CABLE
NO	NORMALLY OPEN
NRTL	NATIONALLY RECOGNIZED TESTING LAB
NTS	NOT TO SCALE
OC	ON CENTER
OCPD	OVER-CURRENT PROTECTIVE DEVICE
PA	PUBLIC ADDRESS SYSTEM
PB	PULL BOX
PE	PNEUMATIC/ELECTRIC
PH	PROPELLER HEATER
PIV	POST INDICATING VALVE
PR	PAIR
PUH	PROPELLER UNIT HEATER
R	RELEASE
RAF	RETURN AIR FAN
RT	RAIN-TIGHT
RVS	REDUCE VOLTAGE STARTER
S	SURFACE
SBJ	SYSTEM BONDING JUMPER
SIG	SIGNAL
SN	SOLID NEUTRAL
SP	SPARE
SPL	SPLICE
SPDT	SINGLE POLE DOUBLE THROW
SPST	SINGLE POLE SINGLE THROW
SS	STAINLESS STEEL
SSBJ	SUPPLY-SIDE BONDING JUMPER
ST	SHUNT TRIP
STP	SHIELDED TWISTED PAIR
STL	CARBON STEEL
SUSP	SUSPENDED
SW	SWITCH
SWBD	SWITCHBOARD
TC	TELEPHONE CABINET
TCP	TEMPERATURE CONTROL PANEL
TEL/DATA	TELEPHONE/DATA
TEL	TELEPHONE
TERM	TERMINAL(S)
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TTB	TELEPHONE TERMINATION BOARD
UEF	UTILITY EXHAUST FAN
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UV	UNIT VENTILATOR
VG	VANDAL GUARD
VIF	VERIFY IN FIELD
VT	VAPOR-TIGHT
WG	WIRE GUARD
WH	WATTHOUR
WM	WALL MOUNTED
WP	WEATHERPROOF
WT	WATER-TIGHT
XFMR	TRANSFORMER

POWER SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING HEIGHT TO BOTTOM
	CONDUIT CONCEALED ABOVE CEILING OR IN WALL	
	CONDUIT CONCEALED IN OR BELOW FLOOR, OR UNDER GROUND	
X 1AL1-1	20 AMP, 125 VOLT, NEMA 5-20R DUPLEX RECEPTACLE WITH COMMON COVER PLATE MOUNTED VERTICALLY +16" TO BOTTOM. LETTER(S) IN FRONT INDICATES LOAD TYPE, SEE BELOW. SINGLE LINE INDICATES HORIZONTAL MOUNTING. DOUBLE LINE INDICATE QUAD. DARK CENTER INDICATES ABOVE COUNTERTOP MOUNTING (44") NEMA 5-20R, UNO. CIRCUIT NUMBER (e.g. "1AL1-1") ADJACENT TO THE SYMBOL ON PLANS INDICATES PANELBOARD/CIRCUIT NUMBER SERVING RECEPTACLE, UNO. B RECEPTACLE WITH 20 AMP SINGLE POLE SWITCH IN 2 GANG BOX AND COMMON COVER PLATE C CASEWORK, COORDINATE WITH ARCHITECTURAL CO COPY MACHINE CM COFFEE MAKER E RED RECEPTACLE AND STAINLESS COVER PLATE, CONNECT TO BACKUP POWER GF GROUND FAULT CIRCUIT INTERRUPTING TYPE I ISOLATED GROUND M MONITOR - 60" AFF MW MICROWAVE R REFRIGERATOR - 48" AFF TL TWIST LOCK TR TAMPER RESISTANT U DUPLEX RECEPTACLE WITH (2) USB-C PORTS UR UNDER COUNTER REFRIGERATOR V VENDING MACHINE, FEED FROM 30 mA GFCI BREAKER IN PANELBOARD. VP WALL MOUNTED VIDEO PROJECTOR, 96" AFF UNO WB WHITEBOARD WC ELECTRIC WATER COOLER, FEED FROM 5 mA GFCI BREAKER IN PANELBOARD. WF WASHFOUNTAIN/LAVATORY. CONNECT TO NEAREST THROUGH FEED GFCI RECEPTACLE. WM WASHING MACHINE, FEED FROM 30 mA GFCI BREAKER IN PANELBOARD. WP WEATHER RESISTANT GFCI WITH IN-USE TYPE WEATHERPROOF COVER HINGED AT TOP X EXPLOSION PROOF	
	20 AMP SINGLE RECEPTACLE, NEMA 5-20R	16"
30	SINGLE STRAIGHT BLADE RECEPTACLE, 30A, 125 VOLT, NEMA 5-30R	16"
C	15 AMP SINGLE RECEPTACLE, SEMI-RECESSED WALL MOUNTED WITH CLOCK HANGER, NEMA 5-15R	76"
	20 AMP DUPLEX RECEPTACLE FLUSH CEILING MOUNTED , NEMA 5-20R	CLG
U	SINGLE FLUSH BOX WITH FOUR USB CHARGING PORTS, WITH DECORA STYLE COVER PLATE; MOUNTED ABOVE COUNTERTOP HEIGHT, UNO	44"
	SPECIAL POWER RECEPTACLE, AMPS, VOLTS AND NEMA CONFIGURATION AS DEFINED ON PLANS BY CODED NOTE	16"
	SINGLE STRAIGHT BLADE, SPECIAL RECEPTACLE, 20A, 125/250 VOLT, 3P, 4W, NEMA 14-20R	16"
W	SINGLE STRAIGHT BLADE, WELDING RECEPTACLE, 60A, 250 VOLT, 3P, 3W, NEMA 15-60R	44"
R	SINGLE STRAIGHT BLADE, RANGE RECEPTACLE, 50A, 125/250 VOLT, 3P, 4W, NEMA 14-50R	8"
D	SINGLE STRAIGHT BLADE, GROUNDED DRYER RECEPTACLE, 30A, 125/250 VOLT, 3P, 4W, NEMA 14-30R	32"
T	30 AMP, 120 VOLT, SINGLE TWIST LOCK RECEPTACLE, UNO, NEMA L5-30R	16"
F	20 AMP DUPLEX RECEPTACLE IN FLUSH FLOOR MOUNTED BOX,NEMA 5-20R. USE A CAST BOX AT GRADE LEVEL, USE A STAMPED STEEL BOX FOR UPPER FLOORS. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
T	20 AMP DUPLEX RECEPTACLE IN FIRE RATED POKE-THRU FLOOR DEVICE, NEMA 5-20R. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
P	20 AMP DUPLEX RECEPTACLE IN PEDESTAL MOUNTED ABOVE FLOOR SERVICE FITTING, NEMA 5-20R, REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
	HIGH CAPACITY FLOOR BOX WITH 4 DUPLEX RECEPTACLES, NEMA 5-20R, UNO FOR POWER AND DATA. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
	COMMUNICATIONS/POWER POLE PRE-WIRED WITH 2 DUPLEX RECEPTACLES, WITH TWO J BOX ABOVE CEILING. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
	TWO 20 AMP DUPLEX RECEPTACLES IN BOX WITH COVER PLATE, PENDANT MOUNTED WITH 3/C, SJO CORD AND STRAIN RELIEF GRIPS.	84"
	2 CHANNEL MULTIOUTLET SURFACE RACEWAY ASSEMBLY WITH DUPLEX RECEPTACLES AND DATA OUTLETS. SEE TECHNOLOGY DRAWINGS. QUANTITY AS SHOWN OR PER SPEC.	-
	SINGLE CHANNEL MULTIOUTLET SURFACE RACEWAY PRE-WIRED ASSEMBLY WITH SINGLE RECEPTACLES. QUANTITY PER SPEC.	-

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION	MH	LEGEND NOTE
AID	ADDRESSABLE INTERFACE DEVICE	-	
H	HEAT DETECTOR, 190 DEGREES F FIXED TEMPERATURE (UNO), CEILING MOUNTED	CLG	
P SD D	ROUND INDICATES CEILING MOUNTED,SQUARE INDICATES DUCT MOUNTED, PHOTOELECTRIC SMOKE DETECTOR		
FAA	FIRE ALARM ANNUNCIATION PANEL	56"	
FAPS	FIRE ALARM POWER SUPPLY	-	
FAP	FIRE ALARM CONTROL PANEL	-	S
V F	AUDIBLE AND VISIBLE NOTIFICATION APPLIANCE (HORN/STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	T
S S	VOICE/ALARM COMMUNICATION AUDIBLE AND VISIBLE NOTIFICATION DEVICE (SPEAKER/STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	T
V V	VISIBLE NOTIFICATION APPLIANCE (STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	T
L L	VOICE/ALARM COMMUNICATIONS LOUDSPEAKER, CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 96" AFF	CLG	
F	MANUAL FIRE ALARM PULL STATION, AND AUDIBLE AND VISIBLE NOTIFICATION APPLIANCE ABOVE (HORN/STROBE), WALL MOUNTED	44"/80"	T
F	MANUAL FIRE ALARM PULL STATION, WALL MOUNTED	44"	
S S	VOICE/ALARM COMMUNICATIONS HORN TYPE LOUDSPEAKER, CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 96" AFF	CLG	
T	SMOKE DETECTOR BEAM TRANSMITTER	-	
R	SMOKE DETECTOR BEAM RECEIVER	-	
SD	SMOKE DAMPER ACTUATOR AND ASSOCIATED SMOKE DETECTOR, TYPE PER PLANS	-	
FS	WATER FLOW SWITCH CONNECTION	-	D
SV	SUPERVISORY VALVE TAMPER SWITCH CONNECTION	-	D
FH	SURFACE FIRE ALARM MAGNETIC DOOR HOLDER	6" BELOW TOP OF DOOR	
SH	SURFACE SECURITY ALARM MAGNETIC DOOR HOLDER	6" BELOW TOP OF DOOR	
S	ELECTRONIC RELEASE DOOR CLOSER	-	
B	FIRE ALARM BELL, WALL MOUNTED, WEATHERPROOF WHERE EXTERIOR MOUNTED	96"	
KH	MICRO SWITCH IN KITCHEN HOOD FOR FIRE SUPPRESSION SYSTEM. SUPPLIED BY OTHERS, WIRED BY EC.	HOOD	
PV	POST INDICATOR VALVE TAMPER SWITCH	-	
M	MULTI-TRIP DETECTION DEVICE		

POWER SYMBOLS

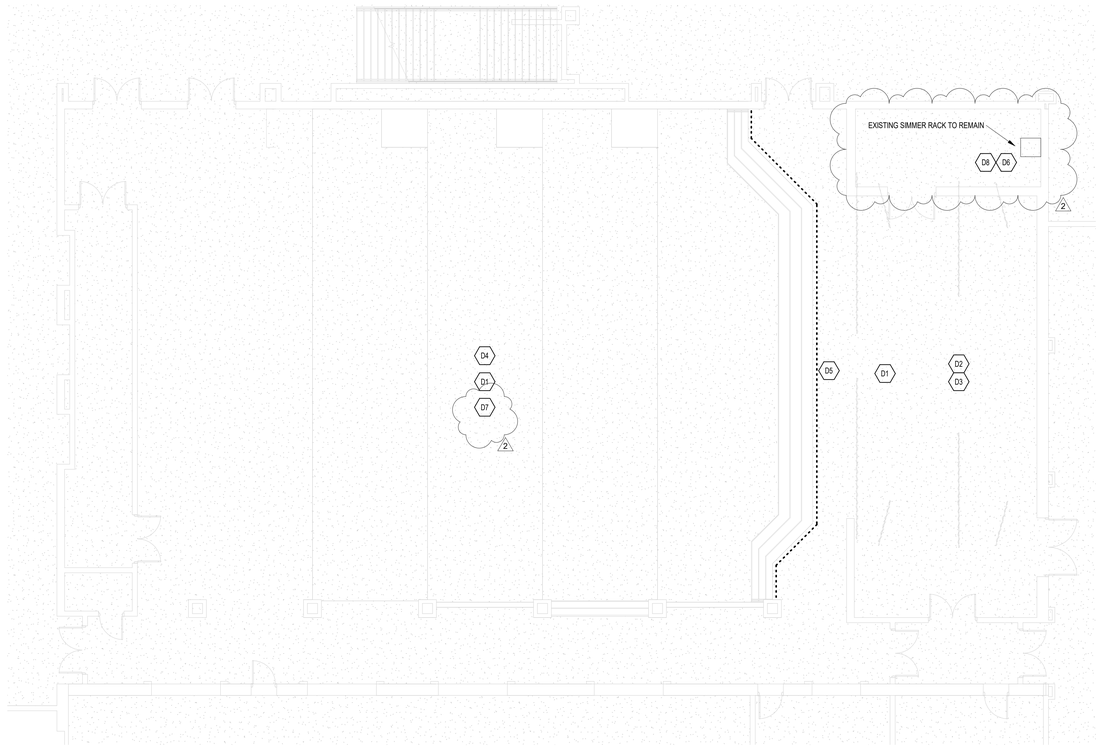
SYMBOL	DESCRIPTION	MH
	DISTRIBUTION PANEL. SEE ONE LINE DIAGRAM	-
	SURFACE CIRCUIT BREAKER PANELBOARD. SEE ONE LINE DIAGRAM	-
	FLUSH MOUNTED CIRCUIT BREAKER PANELBOARD. SEE ONE LINE DIAGRAM	-
M	UTILITY METER	-
H	PUSH BUTTON STATION, TYPE INDICATED	44"
H	PUSH BUTTON STATION, ON/OFF	44"
H	PUSH BUTTON STATION, UP/DOWN/STOP	44"
	RECESSED ADA PUSH BUTTON FOR AUTOMATIC DOOR OPERATOR, FURNISHED BY OTHERS, INSTALLED BY DIV. 26	44"
	RECESSED ADA DOUBLE PUSH BUTTON FOR DUAL AUTOMATIC DOOR OPERATORS, FURNISHED BY OTHERS, INSTALLED BY DIV. 26	44"
	RED MUSHROOM ABORT SWITCH, WALL MOUNTED	44"
PC	PHOTOCELL AIMED NORTH	-
D	RECESSED WALL BOX FOR HAIR DRYER. CIRCUIT WITH 2#10, #10G IN 3/4" C TO PANEL INDICATED	-
H	RECESSED WALL BOX FOR HAND DRYER. CIRCUIT WITH 2#10, #10G IN 3/4" C TO PANEL INDICATED	-
B	CIRCUIT BREAKER DISCONNECT SWITCH, 30A - 3 POLE, UNO	48"
	NON-FUSED DISCONNECT, 3 POLE, NEMA 1, UNO. 30 AMP UNO. -WP SUFFIX DESIGNATES NEMA 3R ENCLOSURE. -WP4X SUFFIX DESIGNATES NEMA 4X STAINLESS STEEL ENCLOSURE.	48"
F 100A-3P	FUSED DISCONNECT, 3 POLE, NEMA 1, UNO. 30 AMP UNO. -WP SUFFIX DESIGNATES NEMA 3R ENCLOSURE. -WP4X SUFFIX DESIGNATES NEMA 4X STAINLESS STEEL ENCLOSURE.	48"
	MAGNETIC STARTER, 30 AMP - 3 POLE, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP - 3 POLE CIRCUIT BREAKER DISCONNECT SWITCH, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP - 3 POLE MOTOR CIRCUIT PROTECTOR (MCP) DISCONNECT SWITCH, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP - 3 POLE FUSED DISCONNECT SWITCH, NEMA SIZE 1, UNO, WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
MP	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION AND PILOT LIGHT, UNO. FLUSH MOUNTED IN FINISH SPACES.	44"
M	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION, UNO. FLUSH MOUNTED IN FINISH SPACES.	44"
F	MANUAL MOTOR STARTER, NO OVERLOADS. FLUSH MOUNTED IN FINISH SPACES.	44"
T	SPRING WOUND TIMER, HP RATED	44"
C	CONTROL SWITCH FOR DEVICES SUCH AS MOTORIZED SHADES, SOLAR LIGHT TUBES, PROJECTION SCREENS, ETC. FURNISHED BY OTHERS, INSTALLED FLUSH MOUNTED WITH COVER PLATE AND WIRED BY DIV. 26	44"
C	ELECTRICALLY HELD CONTACTOR WITH H-O-A SWITCH, 30A - 3P, UNO. REFER TO SPECIFICATION FOR REQUIREMENTS.	48"
C	COMBINATION ELECTRICALLY HELD CONTACTOR, WITH H-O-A SWITCH AND 30 AMP - 3P CIRCUIT BREAKER DISCONNECT SWITCH, UNO. REFER TO SPECIFICATION FOR REQUIREMENTS.	48"
TC	DIGITAL TIME CLOCK SWITCH	60"
VFC	VARIABLE FREQUENCY CONTROLLER, FURNISHED BY DIV. 23 CONTRACTOR, INSTALLED BY DIV. 26 CONTRACTOR, UNO. COORDINATE FINAL MOUNTING HEIGHT.	60"
ATS	AUTOMATIC TRANSFER SWITCH, REFER TO SINGLE LINE DIAGRAM. COORDINATE FINAL MOUNTING HEIGHT. REFER TO SPECIFICATIONS FOR REQUIREMENTS	60"
R	RELAY	-
A	AQUASTAT	-
SV	SOLENOID VALVE	-
T	THERMOSTAT	-
	MOTOR	-
T	DRY TYPE TRANSFORMER	-
SPD	SURGE PROTECTIVE DEVICE. REFER TO SPECIFICATION FOR REQUIREMENTS.	-
GAP	GENERATOR ANNUNCIATOR PANEL	56"
	UTILITY POLE	-
J J3	JUNCTION BOX, PIGTAIL INDICATED FLEXIBLE CONDUIT CONNECTION TO EQUIPMENT	-
	CEILING PADDLE FAN WITH JUNCTION BOX SECURELY MOUNTED TO STRUCTURE	CLG
RAP	REFRIGERANT DETECTION AND ALARM: REFRIGERANT MONITOR CONTROL PANEL	56"
R	REFRIGERANT DETECTION AND ALARM: SENSOR	-
R	REFRIGERANT DETECTION AND ALARM: NOTIFICATION APPLIANCE	-
RBA	REFRIGERANT DETECTION AND ALARM: SELF CONTAINED BREATHING APPARATUS	56"
CP	CONTROL PANEL SUPPLIED BY VENDOR, INSTALLED AND WIRED BY CONTRACTOR. COORDINATE FINAL MOUNTING HEIGHT	-

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION	MH
HB	OCCUPANCY SENSOR - CEILING MOUNTED (UNO), HIGH BAY INFRARED, 360 DEGREE PATTERN, 36' DIA. COVERAGE PATTERN (MIN.) AT 20' MOUNTING HEIGHT. PROVIDE WITH RELAY OPTION.	CLG
H	OCCUPANCY SENSOR - CEILING MOUNTED, ULTRASONIC AND INFRARED SENSOR FOR CORRIDOR & HALLWAY APPLICATIONS, 56'x16' (MIN.) RECTANGULAR SHAPED COVERAGE PATTERN. PROVIDE WITH RELAY OPTION. "/\" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG
CD	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "/\" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG
CD	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "/\" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS. PROVIDE WITH INTEGRAL DAYLIGHT SENSOR.	CLG
CI	OCCUPANCY SENSOR - CEILING MOUNTED, INFRARED, 360 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION.	CLG
CU	OCCUPANCY SENSOR - CEILING MOUNTED, ULTRASONIC, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "/\" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG
CT	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, DIRECTIONAL/180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION. PROVIDE WITH CEILING MOUNTING BRACKET ACCESSORY IF NOT SUPPLIED AS STANDARD WITH SENSOR. "/\" PORTION OF SYMBOL INDICATES AIMING.	CLG
CI	OCCUPANCY SENSOR - CEILING MOUNTED, INFRARED, DIRECTIONAL/180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION. PROVIDE WITH CEILING MOUNTING BRACKET ACCESSORY IF NOT SUPPLIED AS STANDARD WITH SENSOR. "/\" PORTION OF SYMBOL INDICATES AIMING.	CLG
WT	OCCUPANCY SENSOR - WALL MOUNTED, DUAL TECHNOLOGY, 180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION.	96"
WI	OCCUPANCY SENSOR - WALL MOUNTED, INFRARED, 180 DEGREE PATTERN, 1200 S.F. COVERAGE (MIN.). PROVIDE WITH RELAY OPTION.	96"
ST	OCCUPANCY SENSOR - WALL SWITCH TYPE, DUAL TECHNOLOGY WITH MANUAL OVERRIDE SWITCH	44"
ST 2	OCCUPANCY SENSOR - DUAL LEVEL WALL SWITCH TYPE, DUAL TECHNOLOGY WITH MANUAL OVERRIDE SWITCH	44"
SI	OCCUPANCY SENSOR - WALL SWITCH TYPE,INFRARED WITH MANUAL OVERRIDE SWITCH	44"
DS	DAYLIGHT SENSOR	CLG
K	KEY OPERATED SWITCH, NUMBER INDICATES NUMBER OF POLES, 277V, 20A, FLUSH UNO	44"
3	SWITCH, NUMBER INDICATES NUMBER OF POLES, 277V, 20A, FLUSH UNO	44"
MK	MOMENTARY CONTACT SNAP KEYED SINGLE POLE SWITCH, DOUBLE THROW, CENTER-OFF	44"
MC	MOMENTARY CONTACT SNAP SINGLE POLE SWITCH, DOUBLE THROW, CENTER-OFF	44"
L	SINGLE POLE SWITCH, 277V, 20A, FLUSH UNO WITH LIGHTED HANDLE	44"
a	SINGLE POLE SWITCH, 277V, 20A, FLUSH UNO TYPICAL, SUBSCRIPT a, b, c INDICATES WHICH LUMINAIRE THAT WILL BE CONTROLLED VIA SWITCH LEG	44"
P	SINGLE POLE SWITCH, 277V, 20A, FLUSH UNO WITH PILOT LIGHT	44"
D	WALL BOX DIMMER 277V, 1200 WATT MINIMUM, FLUSH, UNO. PROVIDE WATTAGE SIZE TO EXCEED CIRCUIT LOAD	44"
LC	LIGHTING CONTACTOR, MECHANICALLY HELD, 30A - 3P WITH H-O-A SWITCH, UNO	48"
LC	COMBINATION LIGHTING CONTACTOR, MECHANICALLY HELD, WITH H-O-A SWITCH AND 30A - 3P CIRCUIT BREAKER, UNO	48"
LRP	LIGHTING RELAY PANEL	-
	DOWNLIGHT LUMINAIRE, APPROXIMATE SIZE INDICATED	-
	DOWNLIGHT LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	-
	WALL SCONCE LUMINAIRE	-
	WALL MOUNTED EXIT SIGN, DIRECTIONAL ARROWS AS SHOWN	96"
	CEILING MOUNTED EXIT SIGN, SHADED PORTION(S) INDICATES SINGLE OR DOUBLE FACE	CLG
	ARM MOUNTED AREA LUMINAIRE	-
	POLE TOP AREA LUMINAIRE	-
	TRACK HEAD LUMINAIRE	-
	EMERGENCY LIGHTING UNIT WITH 2 HEADS AND BATTERY	76"
	WALL-BRACKET LUMINAIRE, APPROXIMATE SIZE INDICATED	-
	WALL-BRACKET LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	-
	RECESSED LUMINAIRE, APPROXIMATE SIZE INDICATED. ("NL" INDICATES NIGHT LIGHT FIXTURES)	CLG
	RECESSED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG
	SURFACE OR PENDANT MOUNTED LUMINAIRE, APPROXIMATE SIZE INDICATED	CLG
	SURFACE OR PENDANT MOUNTED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG
	PENDANT LUMINAIRE, APPROXIMATE SIZE INDICATED	CLG
	PENDANT LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG
	AIMABLE LUMINAIRE, CARROT INDICATING DIRECTION OF AIMING	-

ELECTRICAL GENERAL NOTES

1. THE TERM "PROVIDE" INDICATES CONTRACTOR SHALL FURNISH AND INSTALL ITEMS AND CONNECT AS REQUIRED TO OBTAIN A COMPLETE AND OPERABLE SYSTEM.
2. COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL PLANS, CASEWORK, WINDOWS, WALL FINISHES, EQUIPMENT, AND OTHER TRADES PRIOR TO ROUGH IN. DEVICES ARE INTENDED TO BE ACCESSIBLE, DO NOT INSTALL BEHIND CASEWORK, DOORS OR EQUIPMENT UNLESS INDICATED ON PLANS. NOTIFY ARCHITECT IN WRITING OF CONFLICTS PRIOR TO PROCEEDING WITH WORK.
3. WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE AND NATIONAL CODES INCLUDING, BUT NOT LIMITED TO NFPA 70 (NATIONAL ELECTRIC CODE), NFPA 72, NFPA 101, INTERNATIONAL BUILDING CODE, ETC.
4. CONFLICTS BETWEEN THE APPLICABLE CODES, STANDARDS, AND THE PLANS AND SPECIFICATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH WORK.
5. REFER TO TECHNOLOGY PLANS FOR COMMUNICATIONS, SECURITY AND ACCESS CONTROL.
6. CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND DESIGN REQUIREMENTS CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES WITH ALL AMENDMENTS AS ADOPTED.
7. ADDITIONAL ELECTRICAL REQUIREMENTS MAY BE SHOWN ON PLANS FROM OTHER DISCIPLINES IN THIS SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLANS AND SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE PROJECT REQUIREMENTS.
8. WHERE CONFLICTS ARE FOUND BETWEEN DRAWINGS, DETAILS, OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY. NOTIFY ARCHITECT OF DISCREPANCY IN WRITING.
9. INITIATING WORK CONSTITUTES CONTRACTOR ACCEPTANCE OF THE EXISTING CONDITIONS ASSOCIATED WITH THE WORK IN QUESTION.
10. CONTRACTOR SHALL CONTACT UTILITIES AND VERIFY UTILITY REQUIREMENTS PRIOR TO COMMENCING CONSTRUCTION. CONFLICTS BETWEEN UTILITY REQUIREMENTS AND THE PLANS OR SPECIFICATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH WORK. CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH THE UTILITY COMPANY TO REVIEW REQUIREMENTS. INCOMING SERVICE CONDUITS AND SUBSTRUCTURES SHALL BE INSTALLED PER UTILITY COMPANY STANDARDS.
11. THESE DRAWINGS AND SPECIFICATIONS DO NOT INDICATE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND IS RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFE PRACTICES.
12. DRAWINGS ARE DIAGRAMMATIC IN NATURE AND CANNOT SHOW EVERY CONNECTION, JUNCTION BOX, WIRE, AND CONDUIT, ETC. THE EXACT LOCATIONS AND ARRANGEMENT OF PARTS SHALL BE DETERMINED AS THE WORK PROGRESSES. ITEMS NOT INDICATED ON DRAWINGS REASONABLY INFERRED TO BELONG TO THE WORK DESCRIBED SHALL BE FURNISHED AND INSTALLED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
13. WORK SHALL BE COORDINATED WITH EXISTING CONDITIONS, NEW CONSTRUCTION, OWNER'S VENDORS, OTHER TRADES, AND THEIR DOCUMENTS. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING HIS BID. CONTRACTOR SHALL CONTACT OWNER FOR AN APPOINTMENT TO VISIT THE SITE.
14. AN INSULATED GROUND CONDUCTOR SIZED PER NEC SHALL BE PROVIDED WITH EACH FEEDER AND BRANCH CIRCUIT.
15. PROVIDE A DEDICATED NEUTRAL FOR EACH LINE TO NEUTRAL CIRCUIT. MULTI-WIRE BRANCH CIRCUITS ARE NOT PERMITTED UNLESS SPECIFICALLY INDICATED ON PLANS.
16. MINIMUM WIRE SIZE IS #12 AWG. SEE SPECIFICATIONS FOR MINIMUM CONDUIT SIZE.
17. CONDUIT SHALL BE CONCEALED WHEREVER POSSIBLE ABOVE CEILINGS, INSIDE WALLS, OR UNDER FLOOR SLAB WHERE SHOWN ON DRAWINGS. IN AREAS WITH NO CEILING, RUN EXPOSED CONDUIT AS HIGH AS POSSIBLE AND PARALLEL TO NEARBY SURFACES OR EXISTING RACEWAYS. CONDUIT SHALL NOT BE INSTALLED IN FLOOR SLAB UNLESS SPECIFICALLY INDICATED ON PLANS AND WHERE APPROVED BY STRUCTURAL ENGINEER. DO NOT INSTALL MC CABLE IN EXPOSED LOCATIONS.
18. CONTRACTOR SHALL PROVIDE RIGID METAL SLEEVES TO FACILITATE PATHWAYS THROUGH FULL HEIGHT WALLS FOR ELECTRICAL AND TELECOMMUNICATION WIRING.
19. PROVIDE TEMPORARY OR PERMANENT END CAPS FOR STUBBED CONDUITS. PROVIDE INSULATED THROAT BUSHINGS FOR CONDUITS INTENDED TO REMAIN OPEN ENDED. SEE ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE RATED ASSEMBLIES AND SMOKE BARRIERS. SEAL PENETRATIONS IN ACCORDANCE WITH UL AND PROJECT SPECIFICATIONS.
20. MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ABOVE FINISHED FLOOR ARE TO BOTTOM OF DEVICE UNO. MOUNTING HEIGHTS TO CEILING SUSPENDED DEVICES ARE TO BOTTOM OF DEVICE UNO.
21. PROVIDE SOUND INSULATING PUTTY AROUND DEVICES INSTALLED ON OPPOSITE SIDES OF A WALL IN THE SAME VERTICAL CHANNEL IF DEVICES



THEATRICAL DEMO

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

DEMOLITION PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100%

DEMOLITION PLAN NOTES

(D)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES	
D1	DISCONNECT AND REMOVE ALL THEATRICAL LIGHT FIXTURES FROM ABOVE STAGE BATTENS AND CATWALK.
D2	DISCONNECT AND REMOVE ALL STAGEPIN WALL OUTLETS. REMOVE WIRING BACK TO SOURCE. CONDUITS TO BE REUSED.
D3	DISCONNECT AND REMOVE ALL CONNECTOR STRIPS FROM STAGE BATTENS AND CATWALK. REMOVE WIRING BACK TO SOURCE. CONDUITS TO BE REUSED.
D4	DISCONNECT AND REMOVE BOTH SETS OF OVERHEAD LIGHTS IN THIS ROOM AND WALL SCONCES. TIE BACK WIRING OF 8 INCH CANS AND WALL SCONCES TO BE REUSED. REMOVED CONDUCTORS AND CONDUITS OF 6 INCH CANS BACK TO SOURCE.
D5	DISCONNECT AND REMOVE STAGE EDGE SAFETY LIGHT. REMOVE WIRING AND CONDUIT BACK TO SOURCE.
D6	REMOVE EXISTING DIMMER MODULES FROM EXISTING DIMMER RACK AT THIS LOCATION. NEW RELAY MODULES TO BE PROVIDE PER EQUIPMENT SCHEDULE.
D7	DISCONNECT AND REMOVE ALL THEATRICAL CONTROL STATIONS IN THIS ROOM. REMOVE WIRING AND CONDUITS BACK TO SOURCE AND COVER WITH PLATE.
D8	DMX CONNECTIONS FROM CONTROL BOOTH TO BE TIED BACK AND REUSED.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

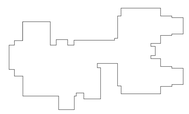
ZIONSVILLE WEST MIDDLE SCHOOL
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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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KEY PLAN

N

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE 19809 STATE OF INDIANA PROFESSIONAL ENGINEER

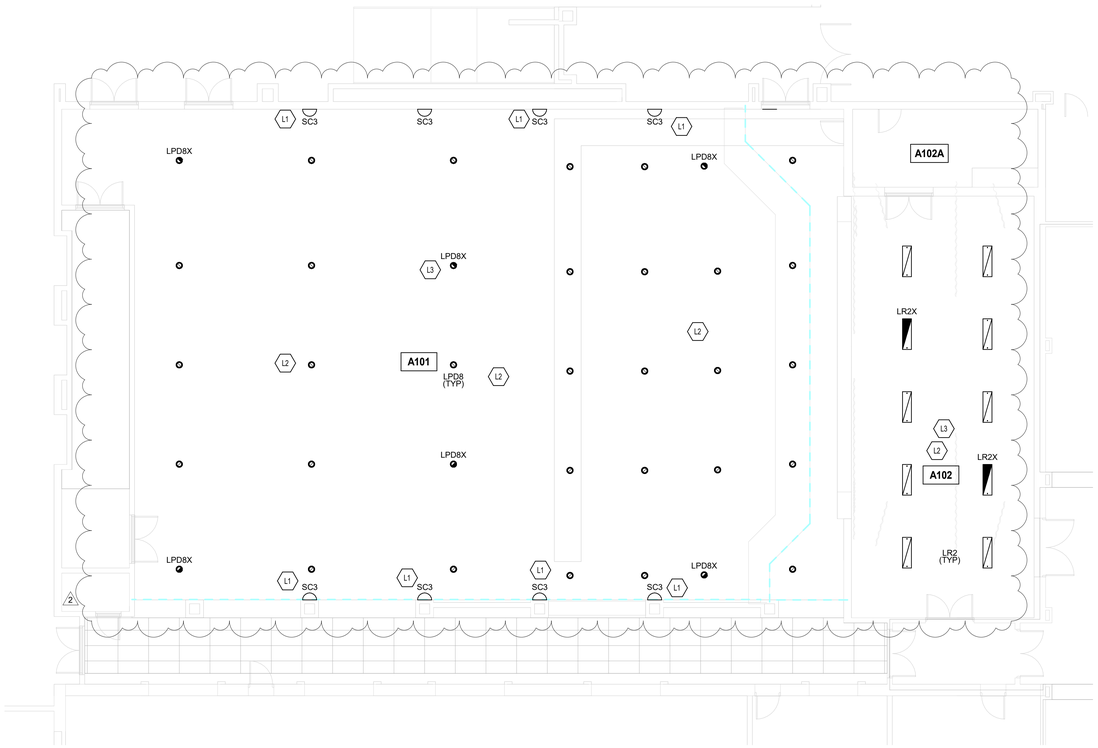
PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	01.08.2026

THEATRICAL DEMO PLAN

ZW-ED110

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LIGHTING PLANS

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

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

LIGHTING PLAN NOTES

(X)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

L1	CONNECT NEW WALL SCONCES TO EXISTING LIGHTING CIRCUIT IN THIS AREA THROUGH A UNISON FOUNDRY RELAY CONTROLLER TO ALLOW FOR CONTROL OF THESE LIGHTS WITH THE THEATRICAL SYSTEM. PATCH AND PAINT AROUND NEW SCONCES IF NECESSARY FROM DEMO OF EXISTING SCONCES.
L2	CONNECT FIXTURES TO EXISTING 277V LIGHTING CIRCUIT IN THIS AREA THROUGH A UNISON FOUNDRY RELAY CONTROLLER TO ALLOW FOR CONTROL OF THESE LIGHTS WITH THE THEATRICAL SYSTEM.
L3	CONNECT EMERGENCY FIXTURES IN THIS ROOM TO EXISTING EMERGENCY 277V LIGHTING CIRCUIT IN THIS AREA THROUGH A UNISON FOUNDRY RELAY CONTROLLER TO ALLOW FOR CONTROL OF THESE LIGHTS WITH THE THEATRICAL SYSTEM.

2

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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Whitestown, IN 46075

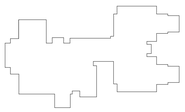
ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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KEY PLAN

N

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BRIAN W. BUTLER REGISTERED No. PE19800005 STATE OF PROFESSIONAL ENGINEER

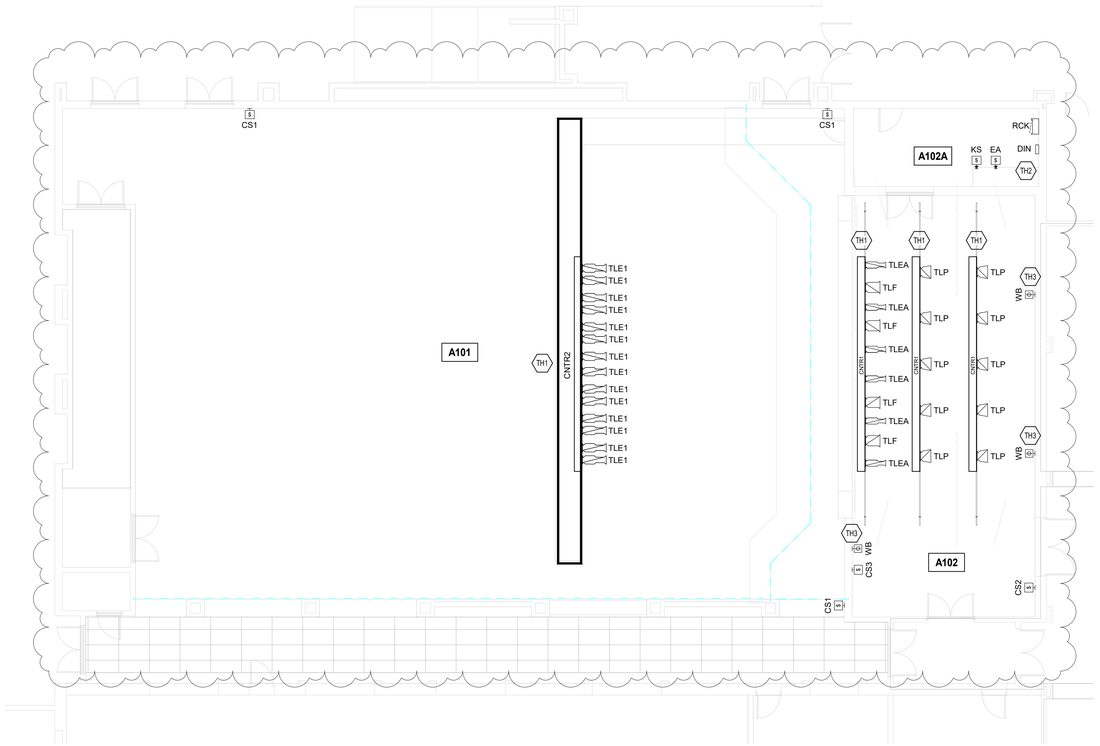
PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	01.08.2026

LIGHTING PLAN

ZW-EL110

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THEATRICAL PLAN

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

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502".**
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

LIGHTING PLAN NOTES (X)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES	
TH1	INSTALL NEW CONNECTOR STRIPS ON EXISTING BATTENS AND WIRE EDISON CONNECTIONS BACK TO EXISTING DIMMER RACK AND DMX CONNECTIONS BACK TO DMX GATEWAY IN DIN RAIL.
TH2	CONNECT EXISTING DMX CONNECTIONS FROM CONTROL BOOTH TO NEW DMX GATEWAY IN DIN RAIL.
TH3	INSTALL NEW WALL BOXES AT LOCATION OF DEMOED WALLPLATE. WIRE EDISON CONNECTIONS BACK TO NEW RELAY PANEL AND DMX CONNECTION BACK TO NEW DMX GATEWAY IN DIN RAIL.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

ZIONSVILLE WEST MIDDLE SCHOOL
5565 S 700 E
Whitestown, IN 46075

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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KEY PLAN

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BRIAN W. BUTLER REGISTERED No. PE19800 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	01.08.2026

THEATRICAL LIGHTING PLAN

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LUMINAIRE SCHEDULE - GENERAL NOTES

1.	ALL LAMPS LISTED IN SCHEDULE ARE SYLVANNIA CATALOG NUMBERS, UNLESS OTHERWISE NOTED. EQUAL LAMPS BY MANUFACTURERS INDICATED IN SPECIFICATION SECTIONS 265600 ARE ACCEPTABLE.
2.	SEE SPECIFICATIONS FOR DRIVER REQUIREMENTS.
3.	FOR ALL DOWNLIGHTING FIXTURES, PROVIDE REQUIRED MOUNTING HARDWARE FOR MOUNTING IN LAY-IN TYPE CEILINGS.
4.	CONTRACTOR TO VERIFY TYPES AND QUANTITY OF LIGHT FIXTURES REQUIRING EMERGENCY TRANSFER DEVICES AND PROVIDE REQUIRED QUANTITY OF EMERGENCY TRANSFER DEVICES, LABOR, MATERIAL, ETC. IN THE PROJECT BID FOR FIELD INSTALLATION OF EMERGENCY TRANSFER DEVICES.
5.	LIGHT FIXTURE SUBMITTALS TO INCLUDE DATA SHEETS FOR ALL FIXTURE TYPES, INCLUDING ADDITIONAL DATA SHEETS FOR DRIVER COMBINATIONS REQUIRED TO MEET THE INSTALLATION REQUIREMENTS OF THE VARIOUS FIXTURE TYPES INDICATED IN THE REMARKS COLUMN OF THE FIXTURE SCHEDULES OR ON THE DRAWINGS. SUBMITTALS SHALL ALSO INDICATE COLOR FOR ANY CUSTOM COLOR LIGHT FIXTURES.

LUMINAIRE SCHEDULE

PLAN TYPE	MOUNTING	DESCRIPTION	LAMPS TYPE	LAMPS LUMENS	APPLIED VOLTAGE	VA LOAD	MANUFACTURER/CATALOG
LPD8	PENDANT	8-INCH APERATURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, MEDIUM DISTRIBUTION, 0.1% 0-10VDC DIMMING. BLACK FIXTURE HOUSING. 80+ CRI, 3500K CCT	LED	6000 lm	277 V	93 VA	PORTFOLIO LSR8A SERIES PHILIPS LIGHTOLIER C7L SERIES GOTHAM ICO CYL SERIES PRESCOLITE MC10LED SERIES
LPD8X	PENDANT	8-INCH APERATURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, MEDIUM DISTRIBUTION, 0.1% 0-10VDC DIMMING. BLACK FIXTURE HOUSING. 80+ CRI, 3500K CCT WITH EMERGENCY TRANSFER DEVICE.	LED	6000 lm	277 V	93 VA	PORTFOLIO LSR8A SERIES PHILIPS LIGHTOLIER C7L SERIES GOTHAM ICO CYL SERIES PRESCOLITE MC10LED SERIES
LR2	SUSPENDED	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING.	LED	4000 lm	120 V	27 VA	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES OR A/E APPROVED EQUAL
LR2X	SUSPENDED	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING, WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	LED	4000 lm	277 V	27 VA	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES OR A/E APPROVED EQUAL
SC3	SURFACE	HALF CYLINDER SURFACE WALL FIXTURE WITH ACRYLIC LENS AND ALUMINUM CROSSHATCH BARS. 1% 0-10V DIMMING, 80+ CRI, 3000K CCT	LED	600 lm	120 V	19 VA	SPI LIGHTING HARBOR CROSS BARS OR A/E APPROVED EQUAL

2

THEATRICAL EQUIPMENT SCHEDULE

LABEL	MOUNTING	DESCRIPTION	ACCESSORIES	MANUFACTURER AND MODEL
Specialty Equipment				
Lighting Fixtures				
TLE1	PORTABLE, PIPE BATTEN	26 DEG LED ELLIPSOIDAL SPOT FIXTURE WITH COLOR ARRAY, BLACK	26 DEG LENS TUBE PATTERN HOLDER C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 10FT DMX CABLE, 10FT	ETC, COLORSOURCE SPOT V
TLEA	PORTABLE, PIPE BATTEN	ZOOM LED MINI ELLIPSOIDAL SPOT FIXTURE WITH COLOR ARRAY, BLACK	COLORSOURCE ACCESSARY KIT C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 10FT DMX CABLE, 10FT	ETC, COLORSOURCE SPOT JR
TLF	PORTABLE, PIPE BATTEN	MOTORIZED ZOOM LED FRESNEL SPOT FIXTURE WITH COLOR ARRAY, BLACK	C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 10FT DMX CABLE, 10FT	ETC, COLORSOURCE FRESNEL V MAX
TLP	PORTABLE, PIPE BATTEN	ZOOM LED PAR BEAM FIXTURE WITH COLOR ARRAY. BLACK	C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 10FT DMX CABLE, 10FT	ETC, COLORSOURCE PAR V ZOOM
Lighting Devices				
CS1	WALL, RECESSED	PUSH BUTTON LIGHTING CONTROL STATION, WHITE	STANDARD BACKBOX	ETC, INSPIRE 1-BUTTON STATION
CS2	WALL, RECESSED	PUSH BUTTON LIGHTING CONTROL STATION, WHITE	STANDARD BACKBOX	ETC, INSPIRE 2-BUTTON STATION
CS3	WALL, RECESSED	PUSH BUTTON LIGHTING CONTROL STATION, WHITE	STANDARD BACKBOX	ETC, INSPIRE 6-BUTTON STATION
EA	WALL, RECESSED	ECHO ACCESS STATION, WHITE	STANDARD BACKBOX	ETC, ECHO ACCESS STATION
KS	WALL, RECESSED	KEYSWITCH STATION, WHITE	STANDARD BACKBOX	ETC, KEYSWITCH STATION
Electrical Fixtures				
WB	WALL, RECESSED	WALL BOX, (1) DMX OUTLET, (4) EDISON CONNECTIONS OVER (1) CIRCUIT, BLACK	FLUSH FACEPLATE	ETC
Electrical Equipment				
CNTR1		30 FT LONG CONNECTOR STRIP WITH (12) EDISON CONNECTORS OVER (4) CIRCUITS, (1) DMX OUTPUT		ETC, COLORSOURCE RACEWAY
CNTR2		30 FT LONG CONNECTOR STRIP WITH (18) EDISON CONNECTORS OVER (6) CIRCUITS, (2) DMX OUTPUT		ETC, COLORSOURCE RACEWAY
DIN		28 INCH DIN RAIL ENCLOSURE	ENCLOSURE CONTENTS: POWER SUPPLY PARADIGM DIN PROCESSOR NETWORK SWITCH DMX GATEWAY SITEBOX	ETC
RCK		EXISTING SENSOR RACK. PROVIDE 48 NEW THRUPOWER MODULES		ETC

2

NEW CURTAIN SCHEDULE

ITEM	CONTENTS
MAIN CURTAIN	2 PIECES, 23'-0" X 20'-0", 50% FULLNESS MEDIUM WEIGHT, ON TRACKS
MAIN BORDER	1 PIECE, 42'-0" X 3'-0", 50% FULLNESS MEDIUM WEIGHT, BOX PLEATED
LEG DROPS	2 PIECES, 4'-0" X 20'-0", 50% FULLNESS LIGHT WEIGHT, BOX PLEATED
BORDER CURTAIN	1 PIECE, 40'-0" X 3'-0", 50 % FULLNESS LIGHT WEIGHT, BOX PLEATED
MID TRAVELER	2 PIECES, 21'-0" X 20'-0", 50% FULLNESS LIGHT WEIGHT, ON TRACKS
LEG DROPS	2 PIECES, 4'-0" X 20'-0", 50% FULLNESS LIGHT WEIGHT, BOX PLEATED
BORDER CURTAIN	1 PIECE, 40'-0" X 3'-0", 50 % FULLNESS LIGHT WEIGHT, BOX PLEATED
REAR TRAVELER	2 PIECES, 21'-0" X 20'-0", 50% FULLNESS MEDIUM WEIGHT, BOX PLEATED, ON TRACKS

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

ZIONSVILLE WEST MIDDLE SCHOOL
5565 S 700 E
Whitestown, IN 46075

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

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KEY PLAN

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ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE10000 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

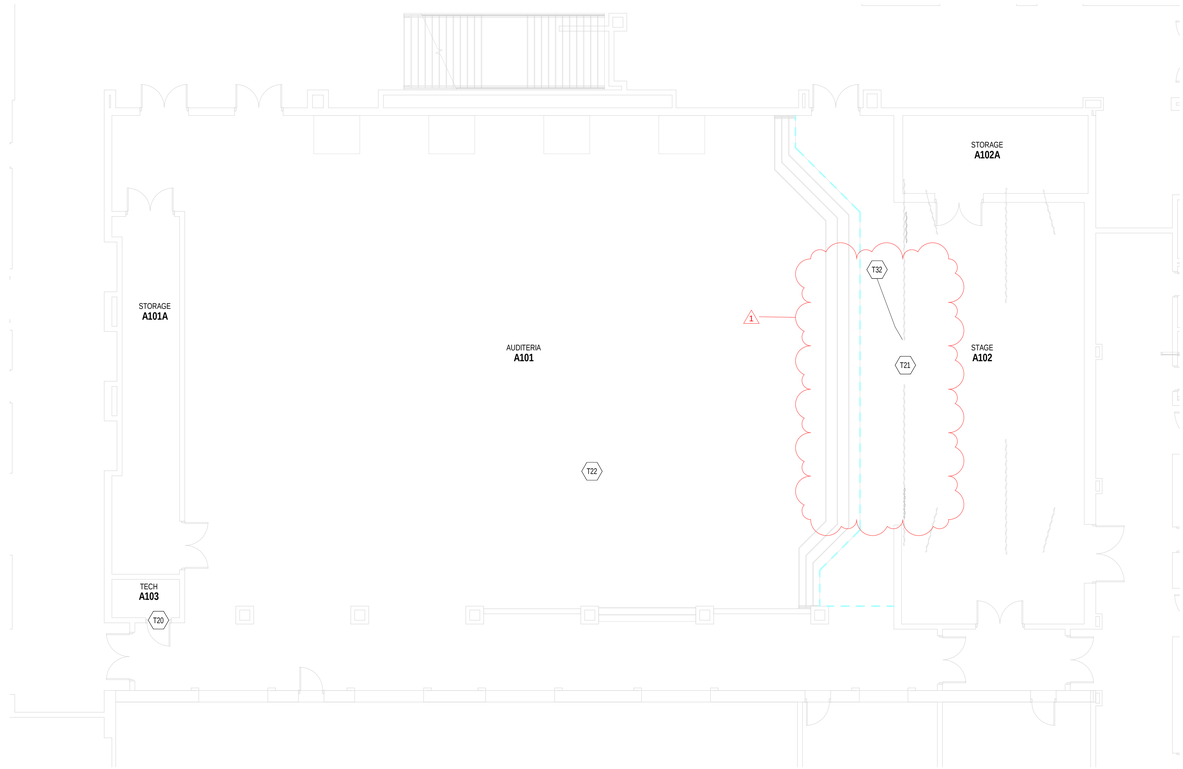
REV. NO.	DESCRIPTION	DATE
2	Addendum 2	01.08.2026

THEATRICAL SCHEDULES

ZW-E-601

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ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101		AUDITERIA	5642 SF
A101A		STORAGE	371 SF
A102		STAGE	1745 SF
A102A		STORAGE	246 SF
A103		TECH	44 SF



1 FIRST FLOOR TECHNOLOGY UNIT PLAN - AUDITORIUM

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

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T20	REPLACE THE TWO EXISTING AMPLIFIERS WITH 2 NEXO NXAMP4X2m2 WITH DANTE.
T21	REPLACE EXISTING SPEAKERS WITH THE FOLLOWING - 3 FRONT LOCATED SPEAKERS SHALL BE YAMAHA Nexo P15. THE 3 DELAY SPEAKERS SHALL BE YAMAHA Nexo P12. THE SUBWOOFER MOUNTED ABOVE THE FRONT SPEAKERS SHALL BE 1 YAMAHA Nexo L18 SUBWOOFER.
T22	THIS CONTRACTOR SHALL PROVIDE ALL NECESSARY RIGGING AND STRUCTURE EQUIPMENT AND SUPPLY MANUFACTURERS COMMISSIONING DOCUMENTS AFTER INSTALL.
T32	INSTALL 3 MAINS (+ SUB) & 3 DELAY SPEAKERS, HORIZONATALLY ALIGNED WITH EACH OTHER FOR OPTIMAL COVERAGE

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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Zionsville Community Schools

2026 IMPROVEMENTS

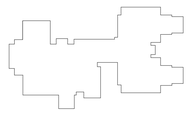
Zionsville West Middle School
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Whitestown, IN 46075

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KEY PLAN N

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BRIAN W. BUTLER REGISTERED No. PE10800 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JAM
DRAWN BY: CDT
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.04.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	01.08.26

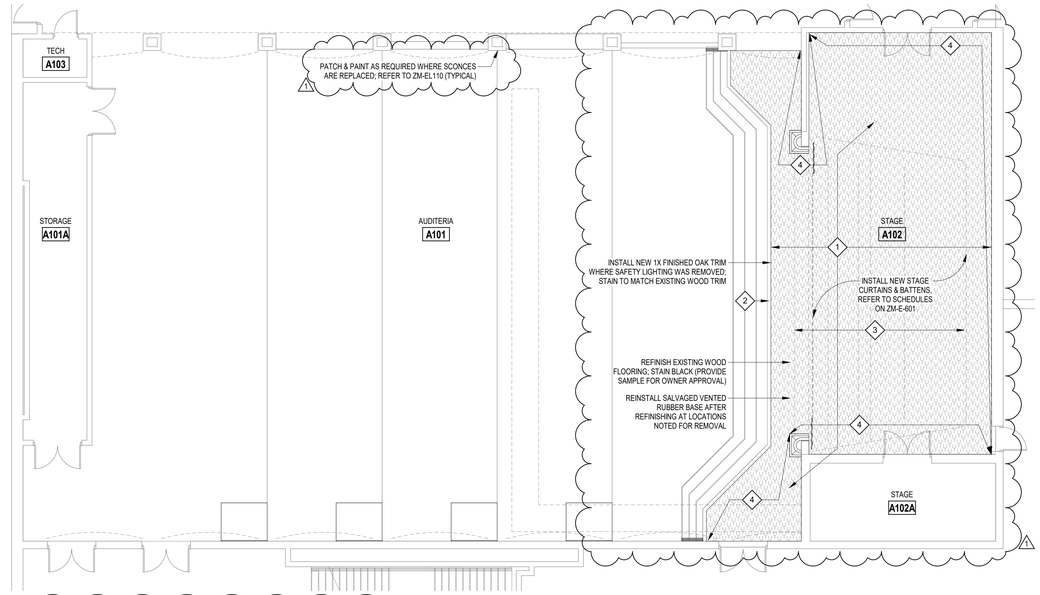
FIRST FLOOR TECHNOLOGY PLAN - AUDITORIUM

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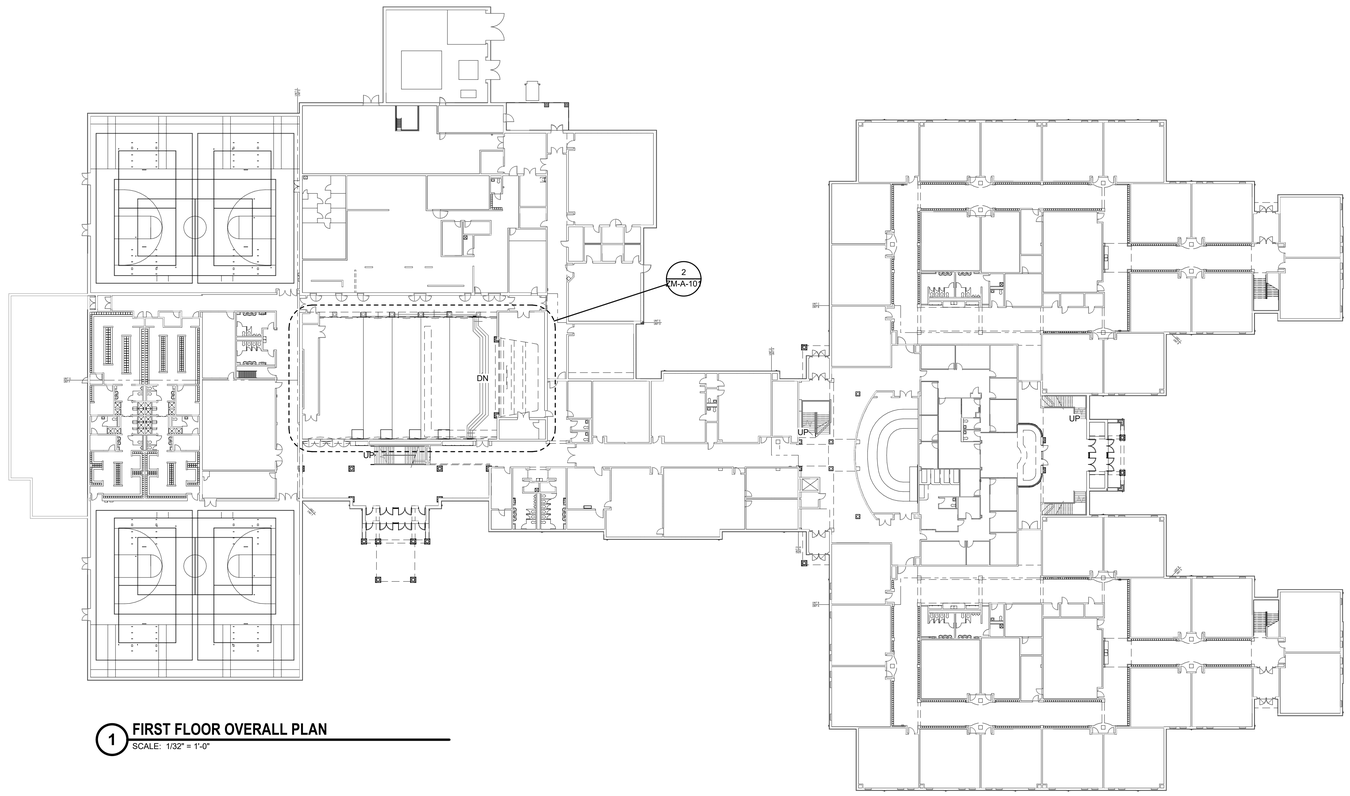
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ROOM LEGEND - FIRST FLOOR

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
A101		AUDITERIA	5,610 SF
A101A		STORAGE	363 SF
A102		STAGE	1,745 SF
A102A		STAGE	246 SF
A103		TECH	42 SF



2 AUDITERIA - DEMO, FINISH & EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"



1 FIRST FLOOR OVERALL PLAN
SCALE: 1/32" = 1'-0"

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. INSTALL NEW RESILIENT TRANSITION STRIP BETWEEN NEW FLOOR FINISH AND EXISTING FLOOR FINISH.
C. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH.

DEMOLITION KEYNOTES

1 SAND AND REPAIR EXISTING WOOD STAGE AS REQUIRED TO PREPARE FOR NEW FINISH
2 REMOVE EXISTING SAFETY EDGE STAGE LIGHTING
3 REMOVE EXISTING PIPE BATTENS, STAGE CURTAINS, AND ALL RELATED ACCESSORIES; REFER TO E- SERIES DRAWINGS FOR NEW STAGE CURTAIN/ RIGGING LAYOUT
4 REMOVE AND SALVAGE EXISTING VENTED RUBBER BASE TO ALLOW FOR FULL REFINISH OF EXISTING WOOD FLOORING

LIST OF FINISHES

PAINT (PATCH ONLY)
MANUFACTURER: SHERWIN WILLIAMS
COLOR: MATCH EXISTING

WOOD STAIN (STAGE)
MANUFACTURER: REFER TO SPECIFICATIONS
COLOR: BLACK

WOOD STAIN (TRIM)
MANUFACTURER: REFER TO SPECIFICATIONS
COLOR: MATCH EXISTING

VERIFICATION NOTE

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SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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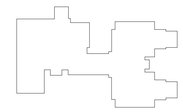
Zionsville Community Schools

2026 IMPROVEMENTS

ZIONSVILLE MIDDLE SCHOOL
900 Ford Rd.
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT
FANNING HOWEY
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350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

ISSUED FOR BID

PAULA L. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

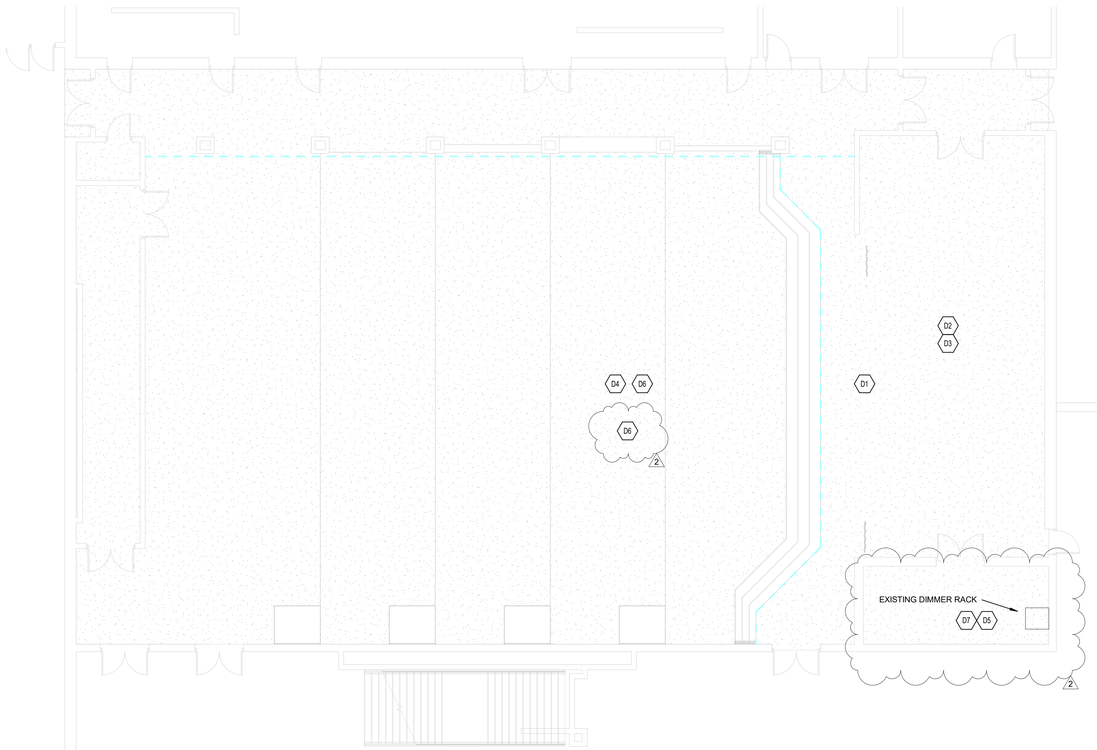
PROJECT MANAGER: JM
DRAWN BY: AML
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	01.08.2026

STAGE FINISH & EQUIPMENT PLAN

ZM-A-101

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THEATRICAL DEMO

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

DEMOLITION PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100%

DEMOLITION PLAN NOTES

(D)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

D1	DISCONNECT AND REMOVE ALL THEATRICAL LIGHT FIXTURES FROM ABOVE STAGE BATTENS AND CATWALK.
D2	DISCONNECT AND REMOVE ALL STAGEPIN WALL OUTLETS. REMOVE WIRING BACK TO SOURCE. CONDUITS TO BE REUSED.
D3	DISCONNECT AND REMOVE ALL CONNECTOR STRIPS FROM STAGE BATTENS AND CATWALK. REMOVE WIRING BACK TO SOURCE. CONDUITS TO BE REUSED.
D4	DISCONNECT AND REMOVE BOTH SETS OF OVERHEAD LIGHTS IN THIS ROOM AND WALL SCONCES. TIE BACK WIRING OF 8 INCH CANS AND WALL SCONCES TO BE REUSED. REMOVED CONDUCTORS AND CONDUITS OF 6 INCH CANS BACK TO SOURCE.
D5	DISCONNECT AND REMOVE EXISTING DIMMER RACK AT THIS LOCATION. TIE BACK 208V 3PH 200A FEEDERS FOR REUSE.
D6	DISCONNECT AND REMOVE ALL THEATRICAL CONTROL STATIONS IN THIS ROOM. REMOVE WIRING AND CONDUITS BACK TO SOURCE AND COVER WITH PLATE.
D7	DMX CONNECTIONS FROM CONTROL BOOTH TO BE TIED BACK AND REUSED.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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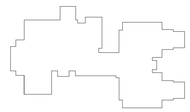
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KEY PLAN

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BRIAN W. BUTLER REGISTERED No. PE10500 STATE OF INDIANA PROFESSIONAL ENGINEER

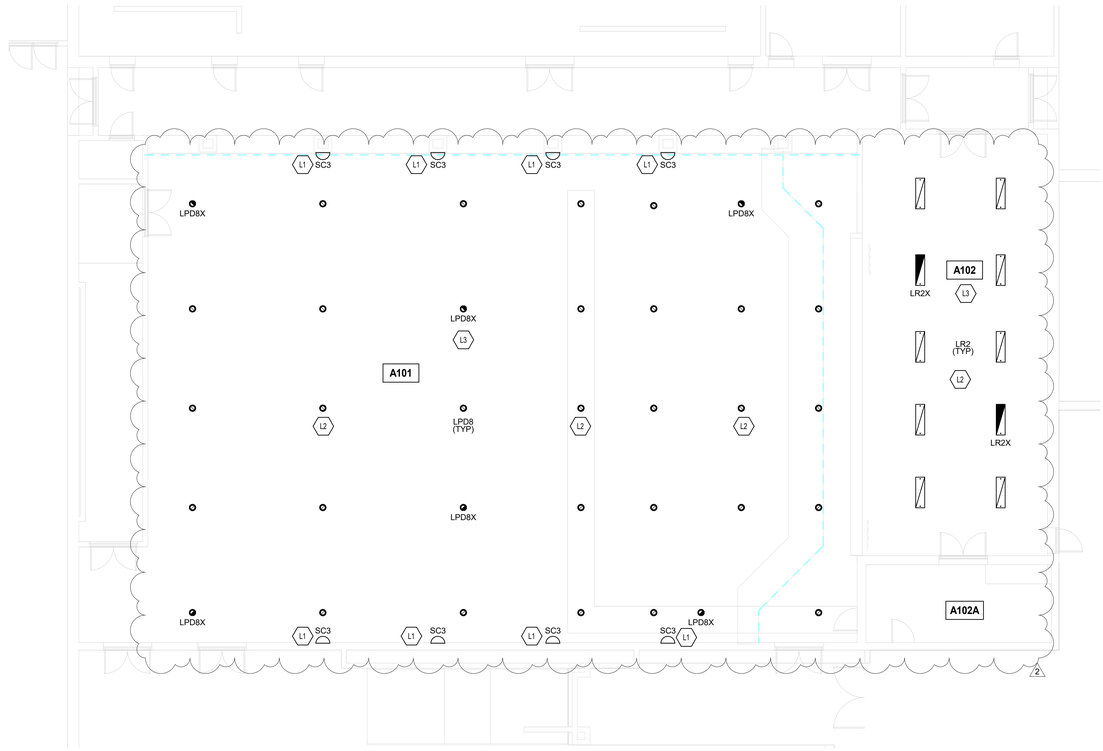
PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	01.08.2026

THEATRICAL DEMO PLAN

ZM-ED110

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LIGHTING PLAN

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

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

LIGHTING PLAN NOTES (X)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

L1	CONNECT NEW WALL SCONCES TO EXISTING LIGHTING CIRCUIT IN THIS AREA THROUGH A UNISON FOUNDRY RELAY CONTROLLER TO ALLOW FOR CONTROL OF THESE LIGHTS WITH THE THEATRICAL SYSTEM. PATCH AND PAINT AROUND NEW SCONCES IF NECESSARY FROM DEMO OF EXISTING SCONCES.
L2	CONNECT FIXTURES TO EXISTING 277V LIGHTING CIRCUIT IN THIS AREA THROUGH A UNISON FOUNDRY RELAY CONTROLLER TO ALLOW FOR CONTROL OF THESE LIGHTS WITH THE THEATRICAL SYSTEM.
L3	CONNECT EMERGENCY FIXTURES IN THIS ROOM TO EXISTING EMERGENCY 277V LIGHTING CIRCUIT IN THIS AREA THROUGH A UNISON FOUNDRY RELAY CONTROLLER TO ALLOW FOR CONTROL OF THESE LIGHTS WITH THE THEATRICAL SYSTEM.

2

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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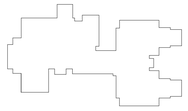
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ARCHITECT

FANNING HOWEY

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N

KEY PLAN

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE19800035 STATE OF PROFESSIONAL ENGINEER

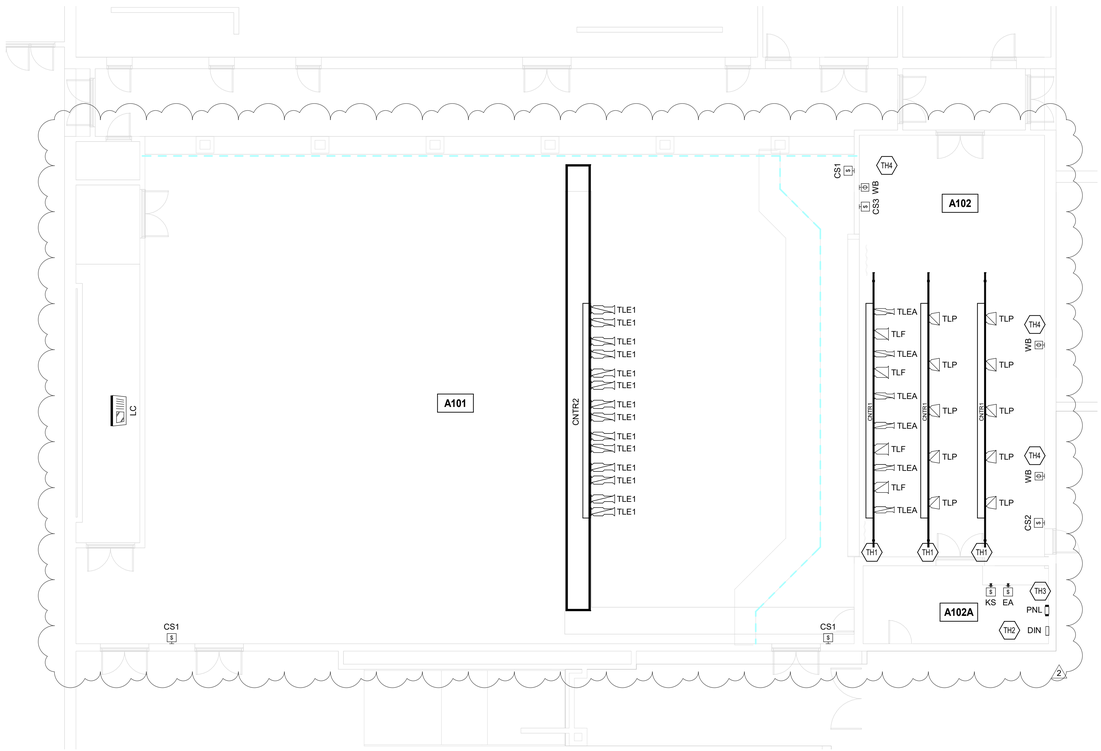
PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	01.08.2026

LIGHTING PLAN

ZM-EL110

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THEATRICAL PLAN

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

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"1C/E-502".**
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

LIGHTING PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

KEYNOTES - LIGHTING PLANS

SHEET KEYNOTES	
TH1	INSTALL NEW CONNECTOR STRIPS ON EXISTING BATTENS AND WIRE EDISON CONNECTIONS BACK TO NEW RELAY PANEL AND DMX CONNECTIONS BACK TO DMX GATEWAY IN DIN RAIL.
TH2	CONNECT EXISTING DMX CONNECTIONS FROM CONTROL BOOTH TO NEW DMX GATEWAY IN DIN RAIL.
TH3	CONNECT NEW RELAY PANEL TO EXISTING FEEDERS AT THIS LOCATION FROM DEMOED DIMMER RACK.
TH4	INSTALL NEW WALL BOXES AT LOCATION OF DEMOED WALLPLATE. WIRE EDISON CONNECTIONS BACK TO NEW RELAY PANEL AND DMX CONNECTION BACK TO NEW DMX GATEWAY IN DIN RAIL.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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KEY PLAN

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE10800026 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	01.08.2026

THEATRICAL LIGHTING PLAN

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LUMINAIRE SCHEDULE - GENERAL NOTES

1.	ALL LAMPS LISTED IN SCHEDULE ARE SYLVANNIA CATALOG NUMBERS, UNLESS OTHERWISE NOTED. EQUAL LAMPS BY MANUFACTURERS INDICATED IN SPECIFICATION SECTIONS 265600 ARE ACCEPTABLE.
2.	SEE SPECIFICATIONS FOR DRIVER REQUIREMENTS.
3.	FOR ALL DOWNLIGHTING FIXTURES, PROVIDE REQUIRED MOUNTING HARDWARE FOR MOUNTING IN LAY-IN TYPE CEILINGS.
4.	CONTRACTOR TO VERIFY TYPES AND QUANTITY OF LIGHT FIXTURES REQUIRING EMERGENCY TRANSFER DEVICES AND PROVIDE REQUIRED QUANTITY OF EMERGENCY TRANSFER DEVICES, LABOR, MATERIAL, ETC. IN THE PROJECT BID FOR FIELD INSTALLATION OF EMERGENCY TRANSFER DEVICES.
5.	LIGHT FIXTURE SUBMITTALS TO INCLUDE DATA SHEETS FOR ALL FIXTURE TYPES, INCLUDING ADDITIONAL DATA SHEETS FOR DRIVER COMBINATIONS REQUIRED TO MEET THE INSTALLATION REQUIREMENTS OF THE VARIOUS FIXTURE TYPES INDICATED IN THE REMARKS COLUMN OF THE FIXTURE SCHEDULES OR ON THE DRAWINGS. SUBMITTALS SHALL ALSO INDICATE COLOR FOR ANY CUSTOM COLOR LIGHT FIXTURES.

LUMINAIRE SCHEDULE

PLAN TYPE	MOUNTING	DESCRIPTION	LAMPS		APPLIED VOLTAGE	VA LOAD	MANUFACTURER/CATALOG
			TYPE	LUMENS			
LPD8	PENDANT	8-INCH APERATURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, MEDIUM DISTRIBUTION, 0.1% 0-10VDC DIMMING. BLACK FIXTURE HOUSING. 80+ CRI, 3500K CCT	LED	6000 lm	120 V	93 VA	PORTFOLIO LSR8A SERIES PHILIPS LIGHTOLIER C7L SERIES GOTHAM ICO CYL SERIES PRESCOLITE MC10LED SERIES OR A/E APPROVED EQUAL
LPD8X	PENDANT	8-INCH APERATURE OPEN REFLECTOR LED CYLINDER DOWNLIGHT, MEDIUM DISTRIBUTION, 0.1% 0-10VDC DIMMING. BLACK FIXTURE HOUSING. 80+ CRI, 3500K CCT. WITH GENERATOR TRANSFER DEVICE.	LED	6000 lm	277 V	93 VA	PORTFOLIO LSR8A SERIES PHILIPS LIGHTOLIER C7L SERIES GOTHAM ICO CYL SERIES PRESCOLITE MC10LED SERIES OR A/E APPROVED EQUAL
LR2	SUSPENDED	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING.	LED	4000 lm	277 V	27 VA	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES OR A/E APPROVED EQUAL
LR2X	SUSPENDED	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING, WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	LED	4000 lm	277 V	27 VA	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES OR A/E APPROVED EQUAL
SC3	SURFACE	18 INCH HALF CYLINDER SURFACE WALL FIXTURE WITH ACRYLIC LENS AND ALUMINUM CROSSHATCH BARS. 1% 0-10V DIMMING, 80+ CRI, 3000K CCT	LED	1000 lm	120 V	14 VA	SPI LIGHTING HARBOR CROSS BARS OR A/E APPROVED EQUAL

2

THEATRICAL EQUIPMENT SCHEDULE

LABEL	MOUNTING	DESCRIPTION	ACCESSORIES	MANUFACTURER AND MODEL
Lighting Fixtures				
TLE1	PORTABLE, PIPE BATTEN	26 DEG LED ELLIPSOIDAL SPOT FIXTURE WITH COLOR ARRAY, BLACK	26 DEG LENS TUBE PATTERN HOLDER C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 10FT DMX CABLE, 10FT	ETC, COLORSOURCE SPOT V
TLEA	PORTABLE, PIPE BATTEN	ZOOM LED MINI ELLIPSOIDAL SPOT FIXTURE WITH COLOR ARRAY, BLACK	COLORSOURCE ACCESSARY KIT C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 10FT DMX CABLE, 10FT	ETC, COLORSOURCE SPOT JR
TLF	PORTABLE, PIPE BATTEN	MOTORIZED ZOOM LED FRESNEL SPOT FIXTURE WITH COLOR ARRAY, BLACK	C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 10FT DMX CABLE, 10FT	ETC, COLORSOURCE FRESNEL V MAX
TLP	PORTABLE, PIPE BATTEN	ZOOM LED PAR BEAM FIXTURE WITH COLOR ARRAY. BLACK	C-CLAMP AND HANGING YOKE, BLACK SAFETY CABLE, BLACK POWER CABLE, 10FT DMX CABLE, 10FT	ETC, COLORSOURCE PAR V ZOOM
Lighting Devices				
CS1	WALL, RECESSED	PUSH BUTTON LIGHTING CONTROL STATION, WHITE	STANDARD BACKBOX	ETC, INSPIRE 1-BUTTON STATION
CS2	WALL, RECESSED	PUSH BUTTON LIGHTING CONTROL STATION, WHITE	STANDARD BACKBOX	ETC, INSPIRE 2-BUTTON STATION
CS3	WALL, RECESSED	PUSH BUTTON LIGHTING CONTROL STATION, WHITE	STANDARD BACKBOX	ETC, INSPIRE 6-BUTTON STATION
EA	WALL, RECESSED	ECHO ACCESS STATION, WHITE	STANDARD BACKBOX	ETC, ECHO ACCESS
KS	WALL, RECESSED	KEYSWITCH STATION, WHITE	STANDARD BACKBOX	ETC, KEYSWITCH
LC	TABLE TOP, PORTABLE	LIGHTING CONTROL CONSOLE	24 INCH TOUCH SCREEN MONITOR MOUSE AND KEYBOARD POWER CORD, 10FT DMX CABLE, 10FT DISPLAY PORT CABLE DUST COVER	ETC, ELEMENT 2
Electrical Fixtures				
WB	WALL, RECESSED	WALL BOX, (1) DMX OUTLET, (4) EDISON CONNECTIONS OVER (1) CIRCUIT, BLACK	FLUSH FACEPLATE	ETC
Electrical Equipment				
CNTR1		30 FT LONG CONNECTOR STRIP WITH (12) EDISON CONNECTORS OVER (4) CIRCUITS, (1) DMX OUTPUT		ETC, COLORSOURCE RACEWAY
CNTR2		30 FT LONG CONNECTOR STRIP WITH (18) EDISON CONNECTORS OVER (6) CIRCUITS, (2) DMX OUTPUTS		ETC, COLORSOURCE RACEWAY
DIN		14 INCH DIN RAIL ENCLOSURE	ENCLOSURE CONTENTS: POWER SUPPLY PARADIGM DIN PROCESSOR NETWORK SWITCH DMX GATEWAY SITEBOX	ETC
PNL		MAINS FEED RELAY PANEL, 120V THREE-PHASE, 48 CIRCUIT	200A MAINS BREAKER, 22kA SCCR (48) 20A SINGLE-POLE BREAKERS SURFACE MOUNT DOOR 0-10V DIMMING CONTROL SHORT TERM POWER BACKUP OPTION	ETC, ECHO RELAY PANEL

2

2

NEW CURTAIN SCHEDULE

ITEM	CONTENTS
MAIN CURTAIN	2 PIECES, 23'-0" X 20'-0", 50% FULLNESS MEDIUM WEIGHT, ON TRACKS
MAIN BORDER	1 PIECE, 42'-0" X 3'-0", 50% FULLNESS MEDIUM WEIGHT, BOX PLEATED
LEG DROPS	2 PIECES, 4'-0" X 20'-0", 50% FULLNESS LIGHT WEIGHT, BOX PLEATED
BORDER CURTAIN	1 PIECE, 40'-0" X 3'-0", 50 % FULLNESS LIGHT WEIGHT, BOX PLEATED
MID TRAVELER	2 PIECES, 21'-0" X 20'-0", 50% FULLNESS LIGHT WEIGHT, ON TRACKS
LEG DROPS	2 PIECES, 4'-0" X 20'-0", 50% FULLNESS LIGHT WEIGHT, BOX PLEATED
BORDER CURTAIN	1 PIECE, 40'-0" X 3'-0", 50 % FULLNESS LIGHT WEIGHT, BOX PLEATED
REAR TRAVELER	2 PIECES, 21'-0" X 20'-0", 50% FULLNESS MEDIUM WEIGHT, BOX PLEATED, ON TRACKS

ZIONSVILLE COMMUNITY SCHOOLS

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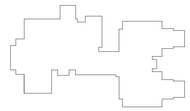
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KEY PLAN

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ISSUED FOR BID



PROJECT MANAGER: JM
DRAWN BY: ANE
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	Addendum 2	01.08.2026

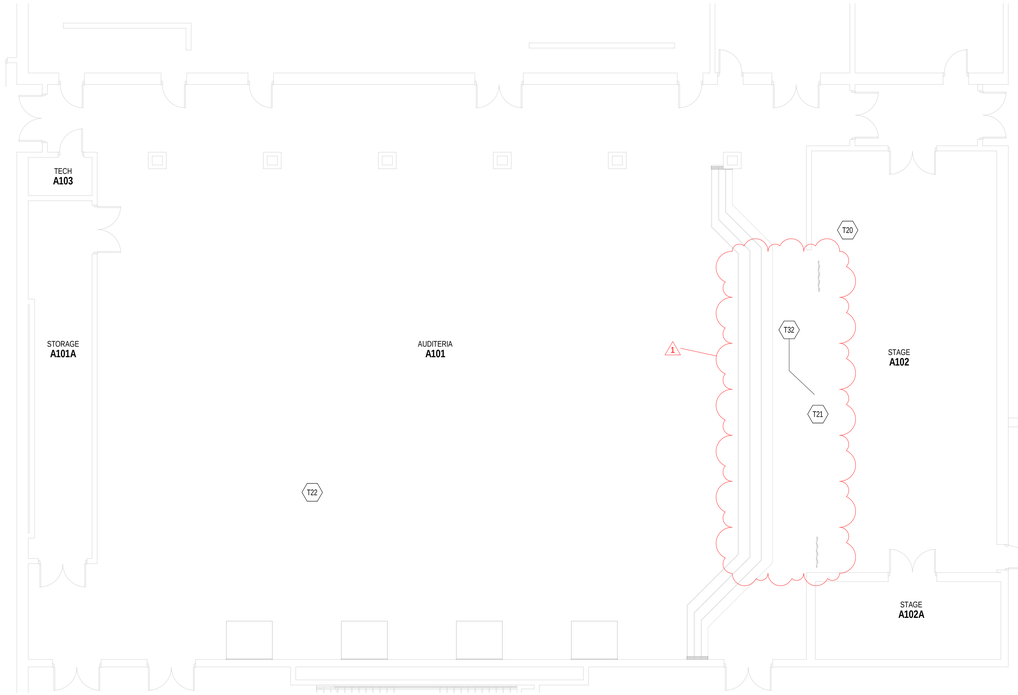
THEATRICAL SCHEDULES

ZM-E-601

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ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101		AUDITERIA	5610 SF
A101A		STORAGE	363 SF
A102		STAGE	1745 SF
A102A		STAGE	246 SF
A103		TECH	42 SF
Level 5			
F101		CORRIDOR	2190 SF



1 FIRST FLOOR TECHNOLOGY UNIT PLAN - AUDITORIUM

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

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(X)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T20	REPLACE THE TWO EXISTING AMPLIFIERS WITH 2 NEXO NXAMP4X2m2 WITH DANTE.
T21	REPLACE EXISTING SPEAKERS WITH THE FOLLOWING - 3 FRONT LOCATED SPEAKERS SHALL BE YAMAHA Nexo P15. THE 3 DELAY SPEAKERS SHALL BE YAMAHA Nexo P12. THE SUBWOOFER MOUNTED ABOVE THE FRONT SPEAKERS SHALL BE 1 YAMAHA Nexo L18 SUBWOOFER.
T22	THIS CONTRACTOR SHALL PROVIDE ALL NECESSARY RIGGING AND STRUCTURE EQUIPMENT AND SUPPLY MANUFACTURERS COMMISSIONING DOCUMENTS AFTER INSTALL.
T32	INSTALL 3 MAINS (+ SUB) & 3 DELAY SPEAKERS, HORIZONATALLY ALIGNED WITH EACH OTHER FOR OPTIMAL COVERAGE

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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Zionsville Community Schools

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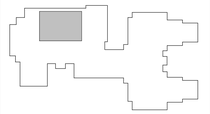
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KEY PLAN

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ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE10800005 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JAM

DRAWN BY: CDT

PROJECT NUMBER: 224035.00

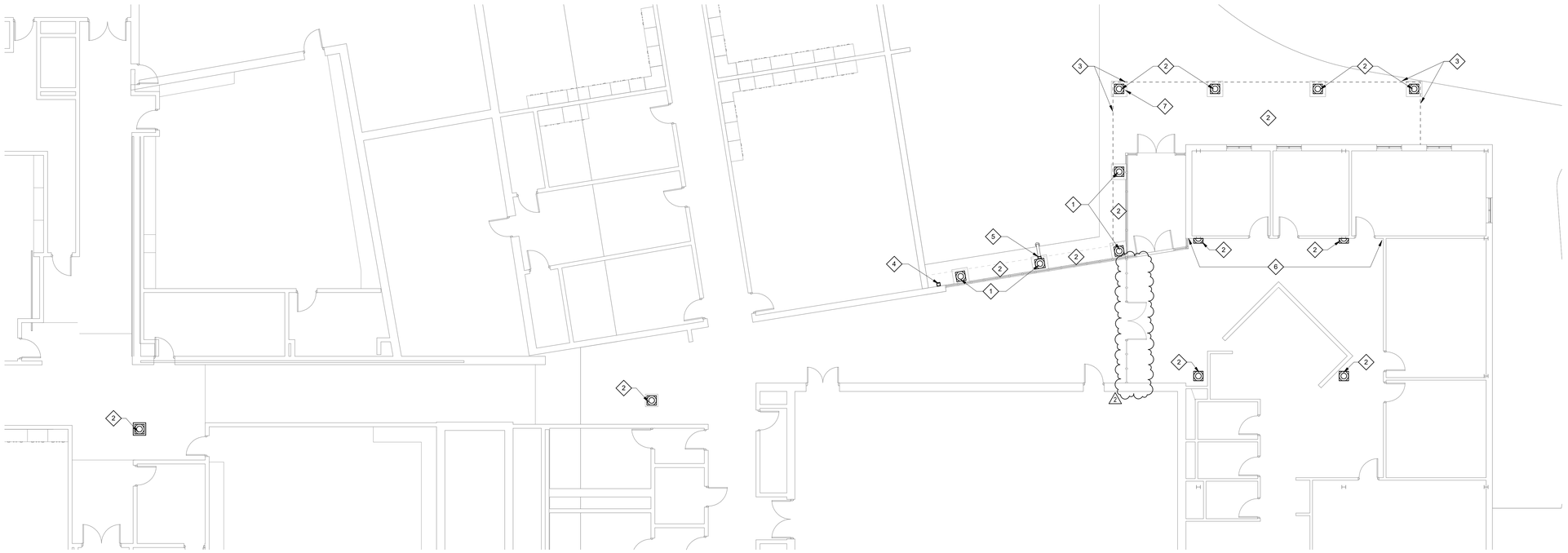
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	01.08.26

FIRST FLOOR TECHNOLOGY PLAN - AUDITORIUM

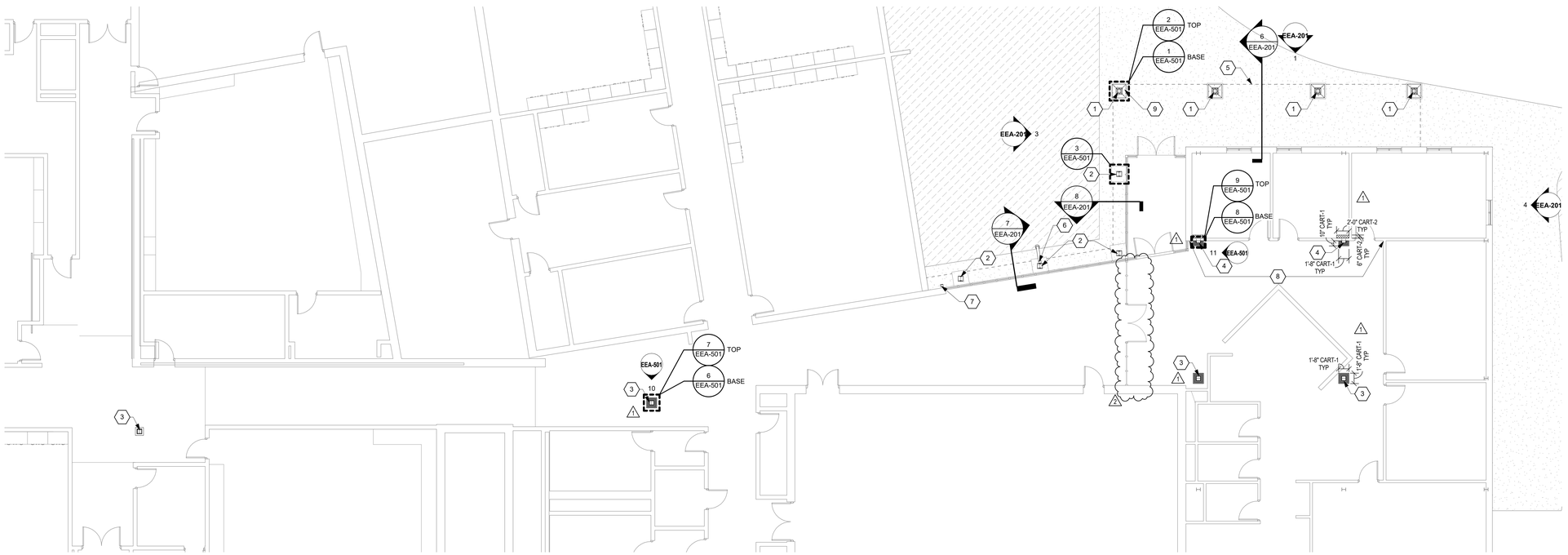
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2 DEMOLITION PLAN

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



1 ARCHITECTURAL FLOOR PLAN

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

ARCHITECTURAL PLAN GENERAL NOTES

A. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE.

ARCHITECTURAL DEMOLITION GENERAL NOTES

A. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD CONDITIONS. REPORT DISCREPANCIES TO THE ARCHITECT.
B. AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
C. MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.
D. ITEMS TO BE PATCHED. REMOVE ALL LOOSE OR DAMAGED MATERIAL. REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.
E. ITEMS TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY.
F. AFTER REMOVAL OF ITEMS, THE EXISTING WALL SURFACES (IF EXPOSED) SHALL BE REPAIRED/PATCHED AS REQUIRED TO RECEIVE NEW FINISHES.

DEMOLITION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 DEMOLISH AND REMOVE EXISTING COLUMN WRAP
2 DEMOLISH AND REMOVE EXISTING SOFFIT. EXISTING FRAMING TO BE REUSED FOR NEW SOFFIT
3 DEMOLISH AND REMOVE EXISTING EIFS CANOPY CLADDING ABOVE
4 DEMOLISH AND REMOVE EXISTING DOWNSPOUT AND CONDUCTOR
5 DEMOLISH AND REMOVE EXISTING DOWNSPOUT
6 REMOVE WALLPAPER, ADHESIVE, AND ALL RESIDUE. REPAIR WALL AS REQUIRED AND PREP TO RECEIVE NEW PAINT
7 REMOVE ADO BUTTON. SALVAGE FOR REINSTALLATION INTO NEW COLUMN COVER.

ARCHITECTURAL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 COLUMN COVER "A", SEE DETAILS 1, 2, AND 4/EEA-501
2 COLUMN COVER "B", SEE DETAILS 3 AND 5/EEA-501
3 INTERIOR COLUMN COVER, SEE DETAILS 6, 7, AND 10/EEA-501.
4 INTERIOR HALF COLUMN COVER, SEE DETAILS 8, 9, AND 11/EEA-501. PROVIDE NEW CARPET BASE ALONG WALL BETWEEN EXISTING TO REMAIN AND FACE OF NEW COLUMN COVER.
5 DASH LINE INDICATES ROOF CANOPY OVERHANG.
6 NEW FORMED METAL DOWNSPOUT AND DRAIN LEADER. SIZE TO MATCH REMOVED DOWNSPOUT AND DRAIN LEADER DIMENSIONS.
7 REPLACE EXISTING DOWNSPOUT AND CONDUCTOR WITH SLOPED BOTTOM. DOWNSPOUT TO MATCH EXISTING IN DIMENSIONS.
8 PRIME AND PAINT WALL P-1
9 REINSTALL ADO BUTTON INTO BRICK PORTION OF NEW COLUMN COVER. PROVIDE NEW IF EXISTING WAS DAMAGED DURING REMOVAL. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.

LIST OF FINISHES

FLOOR FINISHES
- CART-1 (CARPET TILE - CORRIDOR)
  MFR: MANNINGTON
  PATTERN: FAN FOLD
  COLOR: MOUSE 12394
  SIZE: 24"X24"
- CART-2 (CARPET TILE - OFFICE)
  MFR: MANNINGTON
  PATTERN: GOOGIE / PHENOMENA
  COLOR: HELMETRON 13634
  SIZE: 24"X24"

BASE FINISHES
- CARB-1 (CARPET BASE - MATCH EXISTING)
  MFR: MANNINGTON
  PATTERN: FAN FOLD
  COLOR: MOUSE 12394
  SIZE: 8"H / BOUND TOP EDGE

WALL FINISHES
- P-1 (FIELD PAINT)
  MFR: SHERWIN WILLIAMS
  COLOR: TO BE SELECTED
- P-2 (COLUMN ACCENT)
  MFR: SHERWIN WILLIAMS
  COLOR: TO BE SELECTED

CEILING FINISHES
- ACT-1 (ACOUSTICAL CEILING TILE)
  MFR: ARMSTRONG
  STYLE: MATCH EXISTING
  COLOR: WHITE
  SIZE: 24"X24"

MISCELLANEOUS FINISHES
- WOOD TRIM
  SPECIES: RED OAK, TO MATCH EXISTING TRIM
  STAIN COLOR: TO MATCH EXISTING DOORS & TRIM

EXTERIOR FINISHES
- COLUMN COVERS
  MFR: PAC-CLAD
  STYLE: PAC-2000R
  COLOR A: CUSTOM COLOR TBD
  COLOR B: HUNTER GREEN
- EIFS (EXTERIOR INSULATION FINISH SYSTEM)
  MFR: REFER TO SPECIFICATIONS
  TEXTURE: REFER TO SPECIFICATIONS
  MAIN COLOR: TO BE SELECTED
  ACCENT COLOR: TO BE SELECTED
- COPING AND DOWNSPOUTS
  MFR: REFER TO SPECIFICATIONS
  COLOR: MATCH EXISTING ADJACENT
- BRICK
  MFR: GLEN-GERY
  PRODUCT: BRAZILWOOD WIRECUT

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

EAGLE ELEMENTARY SCHOOL
350 N. Sixth Street
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

317.848.0966 WWW.FHAI.COM
350 East New York Street, Indianapolis, IN 46204>

KEY PLAN

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM

DRAWN BY: BGS

PROJECT NUMBER: 224035.00

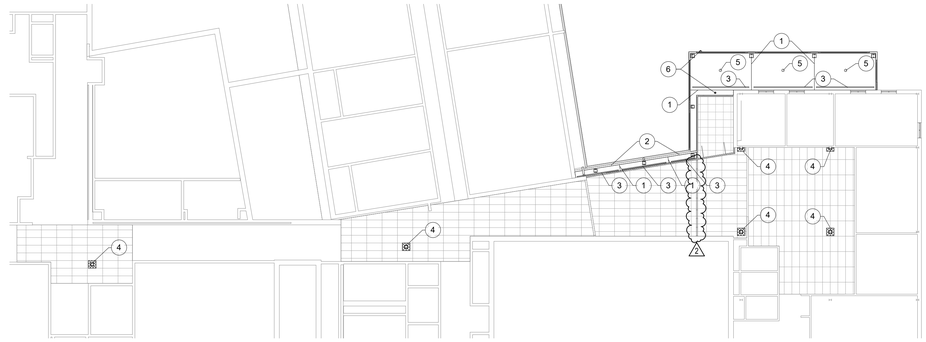
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	12.22.2025
2	ADDENDUM #2	01.08.2026

DEMO PLAN AND FLOOR PLAN

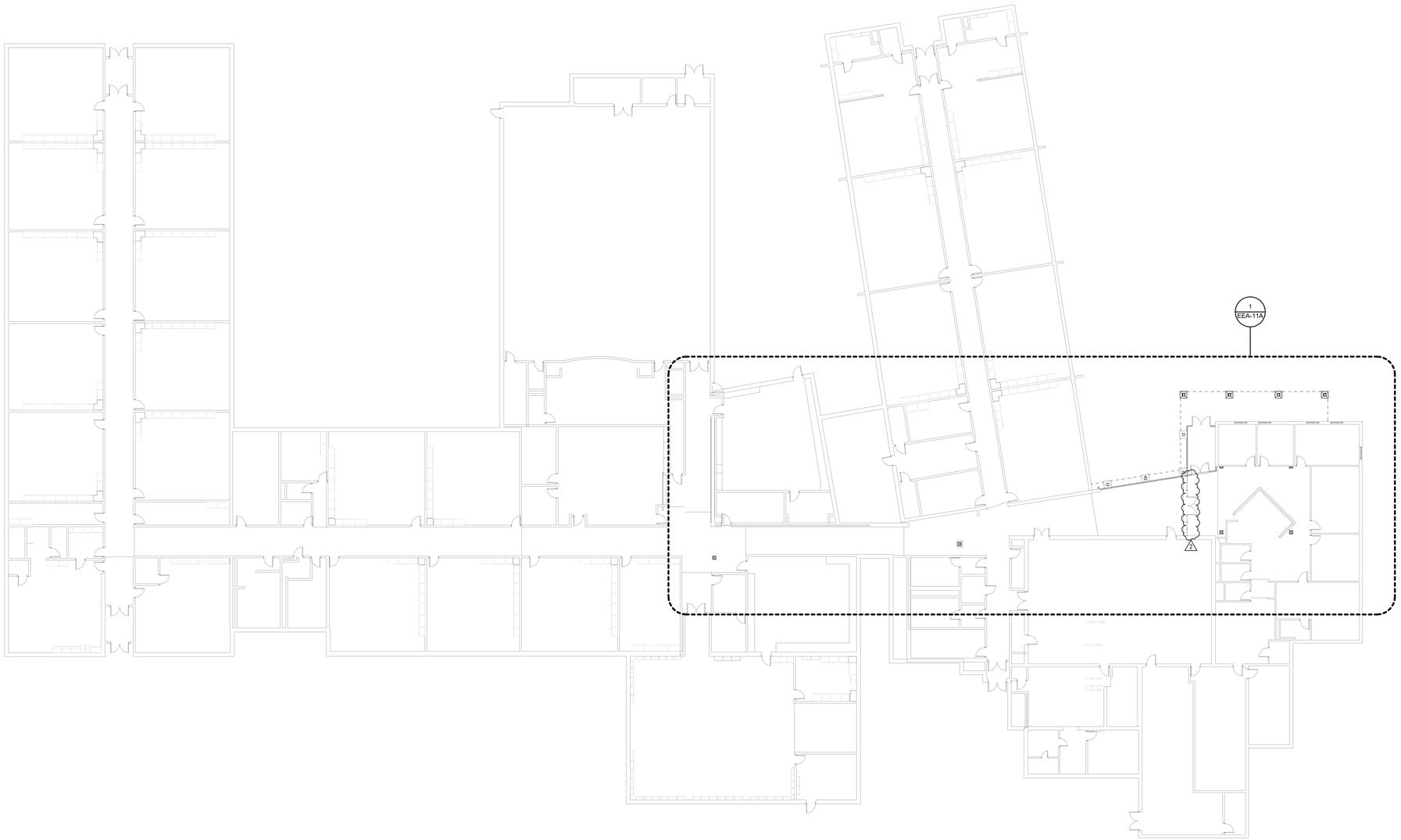
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2 FIRST FLOOR CEILING PLAN

SCALE: 1/16" = 1'-0"



1 FIRST FLOOR OVERALL PLAN

SCALE: 1/16" = 1'-0"

ARCHITECTURAL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 DEFS EXPANSION JOINT

2 PAINT LINTEL TO MATCH NEW DEFS SOFFIT. PREP METAL PER PAINT MANUFACTURER'S INSTRUCTIONS.

3 VENT SLOT WITH INSECT SCREEN BY DEFS MANUFACTURER.

4 INFILL AND REPAIR CEILING TO ACCOMMODATE SMALLER COLUMN COVER.

5 DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE FROM SOFFIT PRIOR TO DEMOLITION. EXISTING CIRCUIT IS TO REMAIN FOR NEW LIGHT FIXTURE. NEW LIGHT FIXTURE IS TO BE TYPE LDW61, 6-INCH ROUND WITH REGRESSED LENS, WHITE REFLECTOR AND TRIM, SELF FLANGED, IP65 WET LOCATION. MANUFACTURER GOTHAM EVO SHOWER SERIES, OR APPROVED EQUAL. THE NEW LIGHT FIXTURE AT THE MAIN DOOR IS TO HAVE AN EMERGENCY BATTERY UNIT.

6 DISCONNECT AND REMOVE SECURITY CAMERAS PRIOR TO DEMOLITION. PROTECT AND REINSTALL IN NEW CONSTRUCTION IN SAME LOCATION UNLESS INSTRUCTED OTHERWISE BY OWNER.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

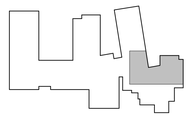
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KEY PLAN

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PAULA A. MILLER REGISTERED No. AR10800161 STATE OF INDIANA ARCHITECT

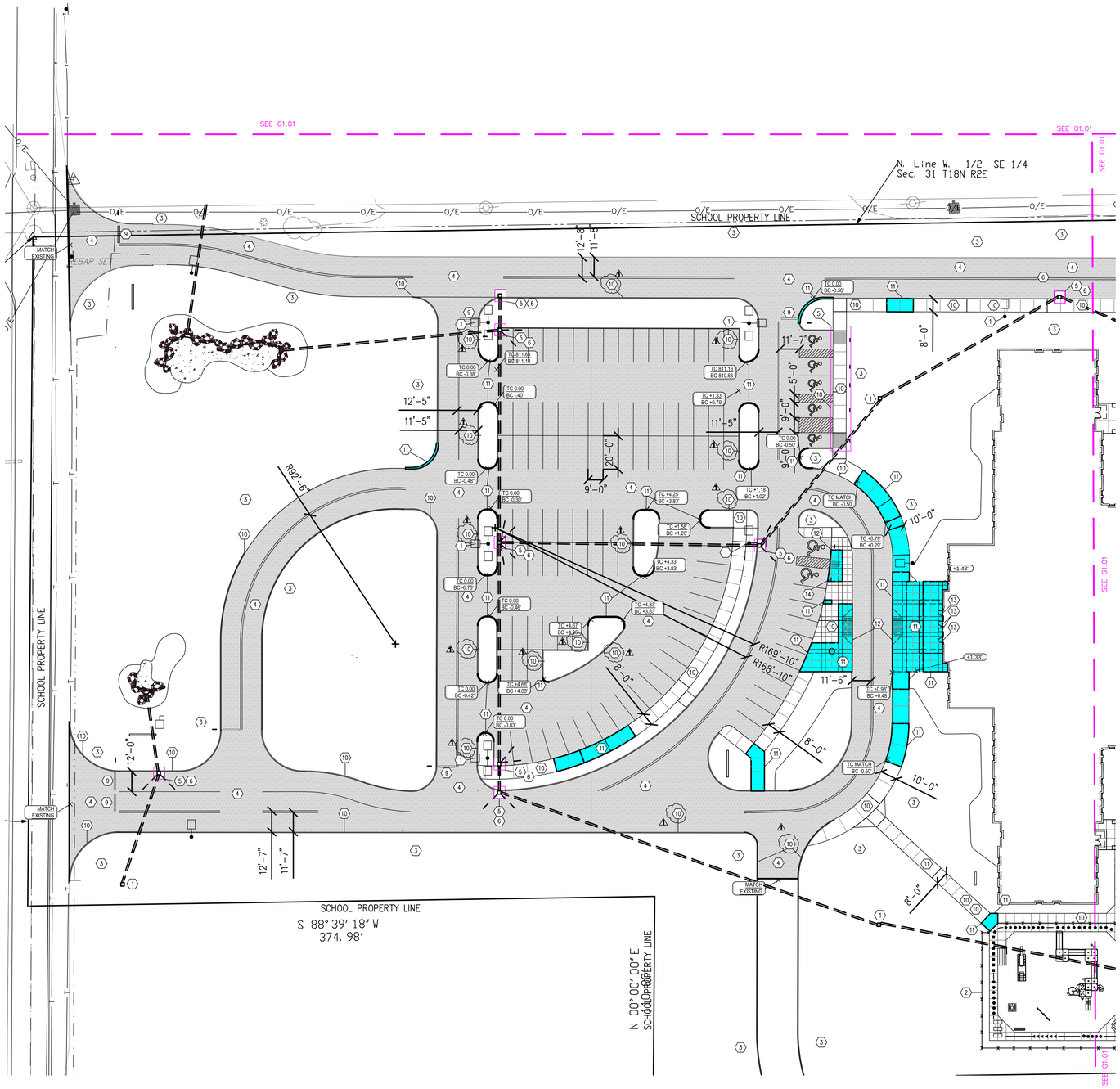
PROJECT MANAGER: JM
DRAWN BY: BGS
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM #2	01.08.2026

OVERALL FIRST FLOOR PLAN AND CEILING PLAN

EEA-101

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SITE PAVING PLAN: BME

SCALE: 1" = 30'-0"

SITE PAVING LEGEND

- ASPHALT PAVING DEMO/REPLACE
- CONCRETE WALK/CURB DEMO/REPLACE

GENERAL NOTES

All contractors but not limited to the excavating contractor or contractors must take particular care when excavating in and around existing utility lines and equipment. Actual field locations of all the existing utilities are the contractors responsibility and must be located either by the representive of the utility company or by a private underground utility locating company prior to the start of excavating. Verify minimum cover requirements by the utility contractor or contractors or agencies whomever utility companies or agencies whomever has jurisdication so not to cause damage.

All construction methods and materials must conform to current standards and specifications of the Federal,State, County, City or Local requirements, whichever has jurisdiction.

Existing pavement, sidewalks curbs driveways, electrical transformer, ditches, drainage pipes and structures, fences, lawns, trees, bushes, mailboxes, signs, power poles etc., to remain shall be protected from damage by the contractor. Any damage during construction shall be restored, reconstructed or replaced by the contractor at his expense. All damages shall be restored or replaced to at least their original condition or as required or dictated by Federal, State, County, City or Local

All areas where the existing pavement or pavements are damaged during construction from heavy traffic or equipment, fuel oil, oil, gasoline, etc., by the General Contractor, Subcontractor, or Suppliers, shall be reconstructed to it's original condition or as required or dictated by Federal, State, County, City or local agencies. This reconstruction and repair shall take place at the end of the project construction or during the scheduled grading and paving of those areas.

It shall be the responsibility of the contractor to bare all expenses to remove, relocate and or modify all utilities, private, public, unless noted otherwise on plans. It further shall be the responsibility of the contractor to verify with each utility company and or agent to who is responsible to remove, relocate and or modify such utilities existing or proposed.
It further shall be the responsibility of the contractor to verify if any future utilities are planned and how it may effect this project and its owner as to their resonsibilities.

The contractor shall be responsibile to provide at his expense all automobile and pedestrain traffic control devices required by Federal, State, County, City or Local agencies.

Removal of the existing improvements are as noted on the plans. The materials removed from the site shall be disposed of in a proper and legal manner per Federal, State, County, City, and or Local laws and ordinance.

It is the responsibility of the contractor or contractors to obtain all Federal, State, County, City, and Local permits for any and all work required unless otherwise noted.
This includes the submittal of soil erosion & sediment control plans as required for rule 5.
The contractor or contractors are responsible to pay for all required permits by any or all agenies mentioned above unless otherwise noted by the contract or specifications.

It is the contractor's responsiblity to notify all the utility companies and departments 72 hours before construction is to start to verify any utilities that may be present on site. All verifications, locations, size and depths shall be made by the appropriate utility companies or departments. When excavating around or over existing utilities, the contractor must notify the utility company so a representive of the utility can be present during the excavation to instruct and observe during the excavation.

It shall be the the responsibility of the contractor to coordinate all proposed construction with adjacent property owners and verify that written permission has been obtained to cross the neighboring properties to access and complete proposed construction as shown.

It is the responsibility of the contractor to inspect each day and remove all mud, dirt, gravel and loose materials tracked, dumped, spilled or wind blown from this site onto other sites, right of ways, public or private streets or roads, driveways, yards or sidewalks. The contractor must clean or pick up daily if necessary. The contractor shall reduce the airborne dust during the entire construction schedule. Water may be used as a reducer.

The utilities indicated on these plans may not be a complete inventory of all the existing utilities present on and around this site. The locations and sizes of these utilities are approximate. This information was gathered or supplied from others and used by the architect and or engineer and may not be actual. The architect and or engineer may not be held liable for any incorrect or misleading utility information indicated, implied or not indicated on these plans.

The contractor shall verify all dimensions and elevations in the field before the start of construction. The contractor shall be responsible for all field dimensions and elevations during the entire construction schedule. If any discrepancies are found on the engineering plans or landscape plans from actual field conditions the contractor shall contact the A/E immediately. If any discrepancies are found on the survey plan or from actual field conditions the contractor shall contact the A/E immediately for instructions.

All radii indicated shall be formed as circular arcs.

All dimensions of pavements are to edge of finish pavement or face of curb unless otherwise noted.

All dimensions are parallel and perpendicular to the base lines, property lines and or building lines unless otherwise noted.

All concrete curbs shall be tooled for control joints and not to exceed 10'–0" maximum. Expansion joints shall not exceed 40'–0" maximum. Control joints in curbs may be saw cut within 24 hours after the curbs are poured. All curved concrete curbs with a radius shall have a maximum of 5' between control joints.

All 4" concrete pavements or sidewalks are not to exceed a maximum slope of 1' in 20'. Control joints shall not exceed a maximum of 10'–0" o.c.. Expansion joints shall not exceed 40'–0" o.c. maximum unless otherwise noted or indicated on plans.

PLAN NOTES

1. PROTECT EXISTING UTILITIES TO REMAIN. REESTABLISH ALL DISTURBED UTILITIES BACK TO OPERABLE EXISTING CONDITIONS
2. EXISTING FENCING TO REMAIN – PROTECT DURING CONSTRUCTION
3. PAVEMENT AND NATURAL TURF EDGE CONDITION TO REMAIN – PROTECT DURING CONSTRUCITON
4. EX. ASPHALT PAVING: PROVIDE FULL–DEPTH MILLING (ROUGHLY 7" DEPTH) PRIOR TO APPLYING NEW HEAVY DUTY ASPHALT (5") PAVING PROFILE – 3" INTERMEDIATE COURSE and 2" SURFACE COURSE UPON EX BASE COURSE – REMOVE EX. 2" OF EX. AGG. BASE AND REPLACE BEFORE COMPACT EX. BASE COURSE PER ASTM D1557 @ 95% OF MAXIMUM DRY DENSITY – PROF ROLL PRIOR TO APPLYING NEW ASPHALT PAVING – NEW PAVING NEEDS TO MEET EX. ELEVATIONS FLUSH – PROVIDE NEW PAVEMENT MARKINGS – MATCHING EX. COLORS, STYLES AND CONFIGURATIONS FOUND ON SITE (OWNER TO HAVE FINAL APPROVAL PRIOR TO CONSTRUCTION)– PROVIDE POSITIVE DRAINAGE TO EX. DRAINS – CONTRACTOR IS TO SURVEY EX. CONDITIONS/ELEVATIONS FOR ALL PAVED AND CURBED AREAS PRIOR TO THE START OF CONSTRUCTION – MATCH EX. ELEVATIONS ESTABLISHED ON SITE. SEALCOATING OF PAVED AREAS TO TAKE PLACE ONE YEAR AFTER PROJECT COMPLETION – SEE DETAILS #5–7 AND #15–16 (ADA PARKING SPOTS) BME–G4.00 AND PROJECT MANUAL
5. EX. ADA ACCESS RAMPS/CURBS,CURB DRAINS/CURB AND GUTTER/STORM MANHOLES/DRAINS: TO REMAIN – PROTECT DURING CONSTRUCTION – NEW PAVING IS TO MEET ALL AREAS FLUSH TYP – WEDGE PAVING WHERE NEEDED – PROVIDE POSITIVE DRAINAGE TO EX. CURB DRAINS / STORM MANHOLES/DRAINS – SEE DETAIL #5 BME–G4.00 – CONTRACTOR IS TO SURVEY EX. CONDITIONS PRIOR TO CONSTRUCTION
6. EXISTING STORM MANHOLES AND STORM LINES TO REMAIN – PROTECT DURING CONSTRUCTION – SEE DETAIL #5 BME–G4.00
7. EXISTING GATES SITE WIDE TO REMAIN – PROTECT DURING CONSTRUCTION
8. EXISTING BASKETBALL GOALS AND PVMT MARKINGS : BASKETBALL GOALS (TO REMAIN) PROTECT DURING CONSTRUCTION – PROVIDE NEW PVMT MARKINGS FOR BASKETBALL MATCHING EX. FOUND ON SITE – SITE VERIFY EX. CONDITIONS PRIOR TO START OF CONSTRUCTION
9. EXISTING PVMT MARKINGS: MATCH EX. PVMT MARKING GAMES FOUND ON SITE – SITE VERIFY TYPES, LOCATIONS AND SIZES PRIOR TO THE START OF CONSTRICTION
10. EXISTING PAVING TO REMAIN – PROTECT DURING CONSTRUCTION
11. EXISTING CONC. CURBING/WALKS – TO BE REMOVED/REPLACED TO MATCH EX. – SEE NOTED LOCATIONS ON THE PLAN (BLUE SOLID HATCHED AREAS) TO BE FULLY REPLACED SITE WIDE– CONTRACTOR IS TO SITE VERIFY – LOCATIONS ARE TO BE MARKED PRIOR TO THE START OF CONSTRUCTION. NOTED LOCATIONS ARE APPROXIMATE AND SHOULD BE REVIEWED DURING PRE–CONSTRUCTION MEETING / REVISED AS NEEDED – SEE DETAILS #1,#8–10,#12–13 BME–G4.00 – CONTRACTOR IS TO UTILIZE THE APPROPRIATE PAVING/CURBING DETAILS NEEDED TO MATCH EX. SITE CONDITIONS TYP
12. NEW ADA ACCESS RAMP ; FULLY REMOVE THE EX. ADA ACCESS RAMP AND EX. AGG. BASE COURSE AND REPLACE WITH NEW – COMPACT AGG. BASE COURSE PER PROJECT MANUAL – NEW ADA RAMP IS TO MATCH EX. FOUND ON SITE – TYPE A OR B ; SEE DETAIL #2–4 BME–G4.00
13. FULLY REMOVE AND REPLACE EX. TYPICAL CONC. STOOP– EX. AGG. BASE TO REMAIN –MATCH EX. SIZE AND DEPTH OF CONC. PAVING – SITE VERIFY – SEE DETAIL #14 BME–G4.00
14. EX. SIGNS ; TO BE REMOVED AND REINSTALLED PRIOR TO THE COMPLETION OF CONSTRUCTION
15. EX. ASPHALT PAVING: PROVIDE FULL–DEPTH MILLING (ROUGHLY 7" DEPTH) PRIOR TO APPLYING NEW HEAVY DUTY ASPHALT (5") PAVING PROFILE – 3" INTERMEDIATE COURSE and 2" SURFACE COURSE UPON EX BASE COURSE – REMOVE EX. 2" OF EX. AGG. BASE AND REPLACE BEFORE COMPACT EX. BASE COURSE PER ASTM D1557 @ 95% OF MAXIMUM DRY DENSITY – PROF ROLL PRIOR TO APPLYING NEW CONCRETE PAVING – NEW PAVING NEEDS TO MEET EX. ELEVATIONS FLUSH – PROVIDE NEW PAVEMENT MARKINGS – MATCHING EX. COLORS, STYLES AND CONFIGURATIONS FOUND ON SITE (OWNER TO HAVE FINAL APPROVAL PRIOR TO CONSTRUCTION)– PROVIDE POSITIVE DRAINAGE TO EX. DRAINS – CONTRACTOR IS TO SURVEY EX. CONDITIONS/ELEVATIONS FOR ALL PAVED AND CURBED AREAS PRIOR TO THE START OF CONSTRUCTION – MATCH EX. ELEVATIONS ESTABLISHED ON SITE – SEE DETAILS #6, #8, #12 & #13/BME–G4.00

PARKING SUMMARY: THERE ARE 235 EXISTING PARKING SPACES, INCLUDING SEVEN (7) ACCESSIBLE SPACES; BASED ON ZIONSVILLE ZONING ORDINANCE 194.105(F) REQUIRING 7 ADA SPACES, THE EXISTING ACCESSIBLE PARKING SUPPLIED MEETS THE CURRENT STANDARD.

NORTH

811 Know what's below. Call before you dig. Call 811 or 1-800-382-5544 Before You Begin Any Digging Project. It's Free, It's Easy and It's the Law in the State of Indiana.

CAUTION !! THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVES, HYDRANTS, ETC.) AND/OR PLANS OBTAINED FROM OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED, FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED, THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

LOCATIONS GIVEN ARE APPROXIMATE AND FOR REFERENCE ONLY AND ARE TO BE SITE VERIFIED AND SURVEYED PRIOR TO THE START OF CONSTRUCTION. ALL CONCRETE AND ASPHALT PAVING NOT NOTED FOR WORK IS TO REMAIN – PROTECT DURING CONSTRUCTION TYP

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

BOONE MEADOW ELEMENTARY
5555 S Main St.
Whitestown, IN 46075

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY
317-848-0966 WWW.FHAI.COM
9025 N. RIVER ROAD, INDIANAPOLIS, IN., 46240



KEY PLAN

ISSUED FOR BID

PAUL A. MILLER REGISTERED No. 11300161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM

DRAWN BY: FH

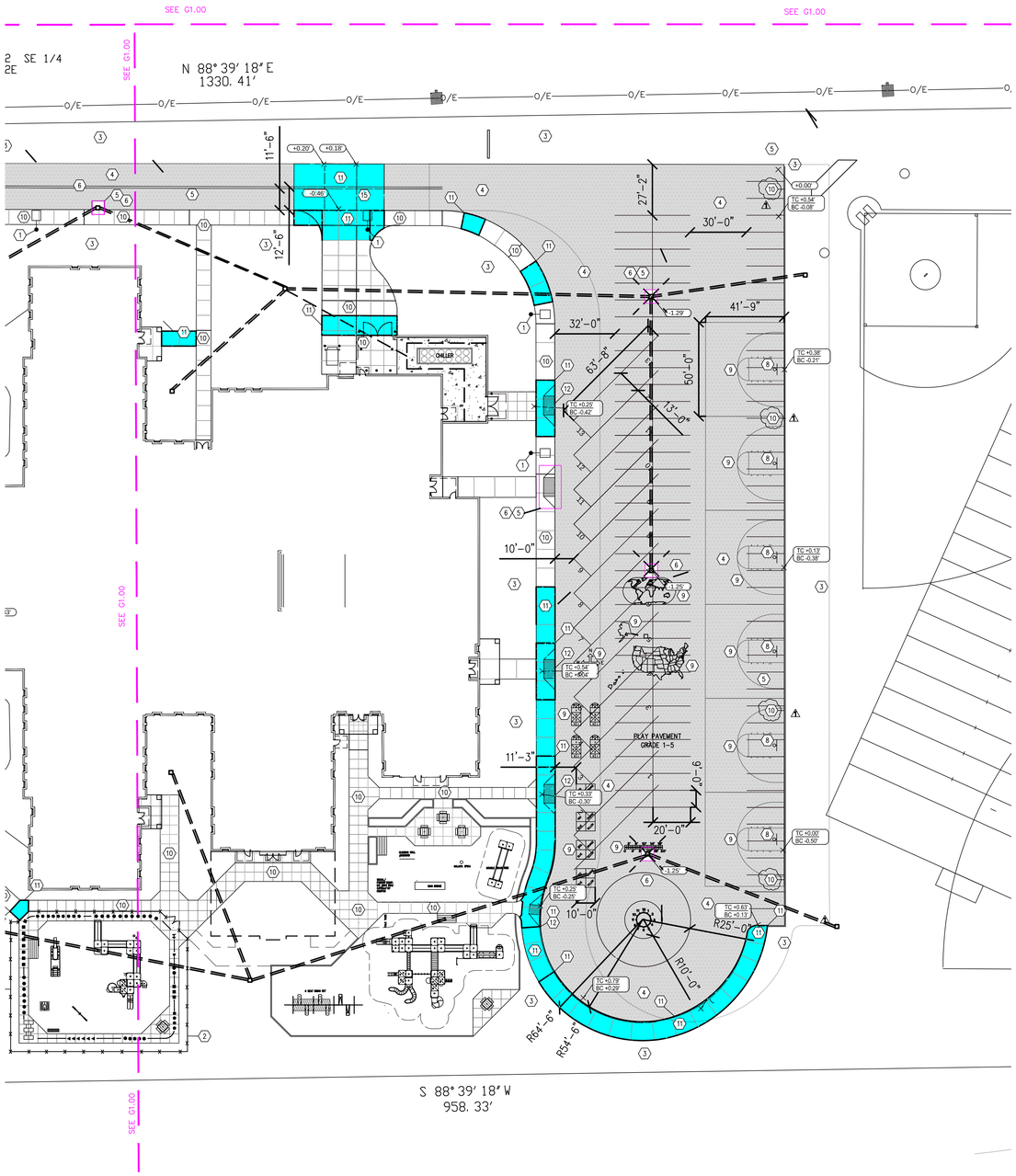
PROJECT NUMBER: 224035.00

PROJECT ISSUE DATE: 12/11/25

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 2	01/08/26

SITE PAVING PLAN

BM-G1.00



SITE PAVING PLAN: BME

SCALE: 1" = 30'-0"

SITE PAVING LEGEND

- ASPHALT PAVING DEMO/REPLACE
- CONCRETE WALK/CURB DEMO/REPLACE

GENERAL NOTES

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Existing pavement, sidewalks curbs driveways, electrical transformer, ditches, drainage pipes and structures, fences, lawns, trees, bushes, mailboxes, signs, power poles etc., to remain shall be protected from damage by the contractor. Any damage during construction shall be restored, reconstructed or replaced by the contractor at his expense. All damages shall be restored or replaced to at least their original condition or as required or dictated by Federal, State, County, City or Local

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All 4" concrete pavements or sidewalks are not to exceed a maximum slope of 1' in 20'. Control joints shall not exceed a maximum of 10'-0" o.c.. Expansion joints shall not exceed 40'-0" o.c. maximum unless otherwise noted or indicated on plans.

PLAN NOTES

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13. FULLY REMOVE AND REPLACE EX. TYPICAL CONC. STOOP– EX. AGG. BASE TO REMAIN –MATCH EX. SIZE AND DEPTH OF CONC. PAVING – SITE VERIFY – SEE DETAIL #14 BME-G4.00
14. EX. SIGNS ; TO BE REMOVED AND REINSTALLED PRIOR TO THE COMPLETION OF CONSTRUCTION
15. EX. ASPHALT PAVING: PROVIDE FULL-DEPTH MILLING (ROUGHLY 7" DEPTH) PRIOR TO APPLYING NEW HEAVY DUTY ASPHALT (5") PAVING PROFILE – 3" INTERMEDIATE COURSE AND 2" SURFACE COURSE UPON EX BASE COURSE – REMOVE EX. 2" OF EX. AGG. BASE AND REPLACE BEFORE COMPACT EX. BASE COURSE PER ASTM D1557 @ 95% OF MAXIMUM DRY. DENSITY – PROF ROLL PRIOR TO APPLYING NEW CONCRETE PAVING – NEW PAVING NEEDS TO MEET EX. ELEVATIONS FLUSH – PROVIDE NEW PAVEMENT MARKINGS – MATCHING EX. COLORS, STYLES AND CONFIGURATIONS FOUND ON SITE (OWNER TO HAVE FINAL APPROVAL PRIOR TO CONSTRUCTION)– PROVIDE POSITIVE DRAINAGE TO EX. DRAINS – CONTRACTOR IS TO SURVEY EX. CONDITIONS/ELEVATIONS FOR ALL PAVED AND CURBED AREAS PRIOR TO THE START OF CONSTRUCTION – MATCH EX. ELEVATIONS ESTABLISHED ON SITE – SEE DETAILS #6, #8, #12 & #13/BME-G4.00

PARKING SUMMARY: THERE ARE 235 EXISTING PARKING SPACES, INCLUDING SEVEN (7) ACCESSIBLE SPACES; BASED ON ZIONSVILLE ZONING ORDINANCE 194.105(F) REQUIRING 7 ADA SPACES, THE EXISTING ACCESSIBLE PARKING SUPPLIED MEETS THE CURRENT STANDARD.

NORTH

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Call 811 or 1-800-382-5544 Before You Begin Any Digging Project. It's Fast, It's Easy and It's the Law in the State of Indiana.

CAUTION !!
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVES, HYDRANTS, METERS, ETC.) AND/OR RECORDS (IF OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED AND WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

LOCATIONS GIVEN ARE APPROXIMATE AND FOR REFERENCE ONLY AND ARE TO BE SITE VERIFIED AND SURVEYED PRIOR TO THE START OF CONSTRUCTION. ALL CONCRETE AND ASPHALT PAVING NOT NOTED FOR WORK IS TO REMAIN – PROTECT DURING CONSTRUCTION TYP

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

BOONE MEADOW ELEMENTARY
5555 S Main St.
Whitestown, IN 46075

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

317-848-0966 WWW.FHAI.COM
9025 N. RIVER ROAD, INDIANAPOLIS, IN., 46240



KEY PLAN

ISSUED FOR BID

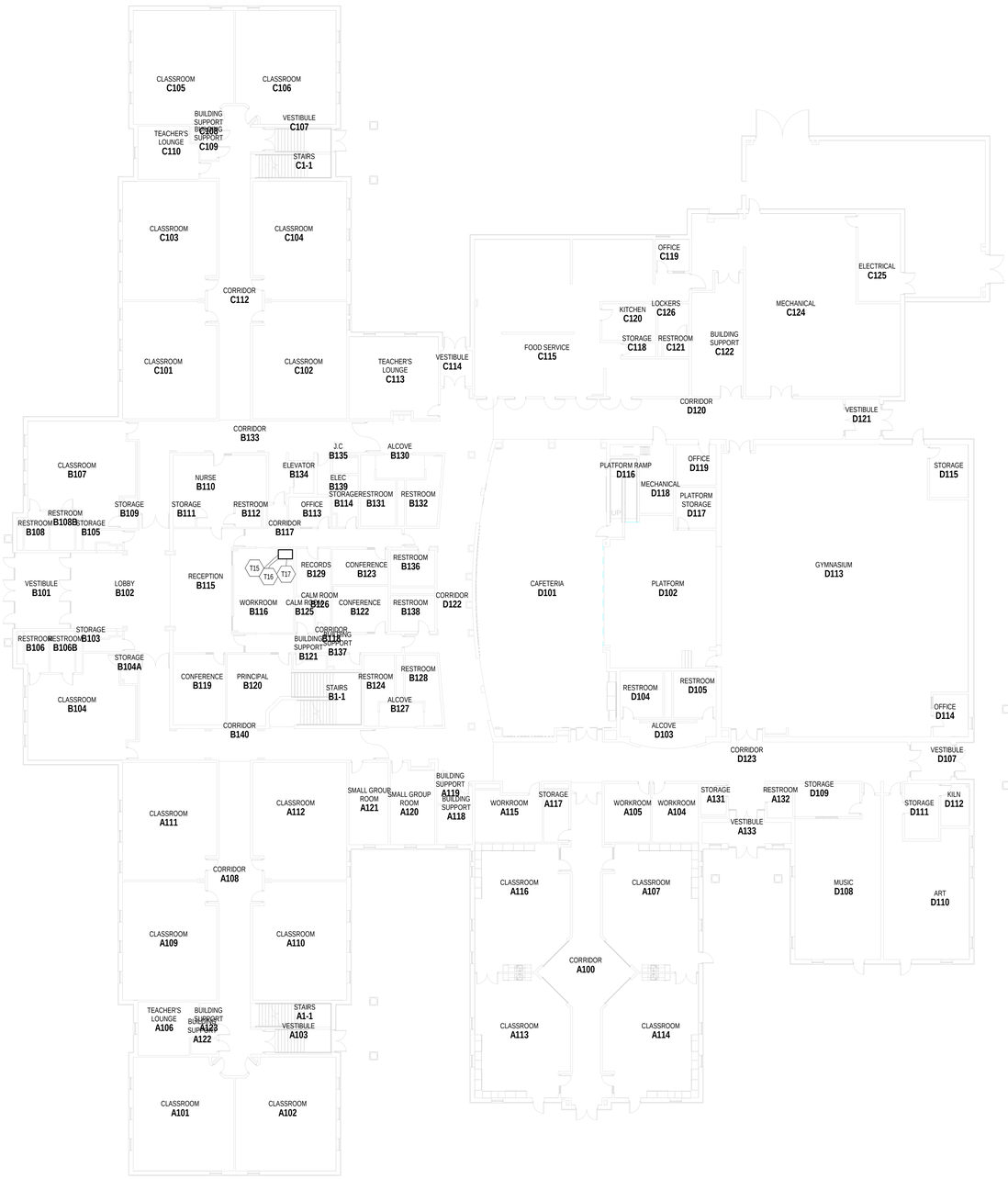
PAUL A. MILLER REGISTERED No. A 13800161 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: JM
DRAWN BY: FH
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12/11/25

REV. NO.△	DESCRIPTION	DATE
1	ADDENDUM 2	01/08/26

SITE PAVING PLAN

BM-G1.01



1 FIRST FLOOR TECHNOLOGY PLAN

SCALE: 1/16" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A1-1		STAIRS	157 SF
A100		CORRIDOR	1017 SF
A101		CLASSROOM	891 SF
A102		CLASSROOM	891 SF
A103		VESTIBULE	134 SF
A104		WORKROOM	221 SF
A105		WORKROOM	218 SF
A106		TEACHER'S LOUNGE	250 SF
A107		CLASSROOM	909 SF
A108		CORRIDOR	929 SF
A109		CLASSROOM	878 SF
A110		CLASSROOM	878 SF
A111		CLASSROOM	869 SF
A112		CLASSROOM	869 SF
A113		CLASSROOM	886 SF
A114		CLASSROOM	887 SF
A115		WORKROOM	268 SF
A116		CLASSROOM	907 SF
A117		STORAGE	106 SF
A118		BUILDING SUPPORT	141 SF
A119		BUILDING SUPPORT	28 SF
A120		SMALL GROUP ROOM	276 SF
A121		SMALL GROUP ROOM	260 SF
A122		BUILDING SUPPORT	32 SF
A123		BUILDING SUPPORT	22 SF
A131		STORAGE	64 SF
A132		RESTROOM	57 SF
A133		VESTIBULE	189 SF
B1-1		STAIRS	330 SF
B101		VESTIBULE	326 SF
B102		LOBBY	845 SF
B103		STORAGE	48 SF
B104		CLASSROOM	778 SF
B104A		STORAGE	41 SF
B105		STORAGE	48 SF
B106		RESTROOM	80 SF
B106B		RESTROOM	82 SF
B107		CLASSROOM	799 SF
B108		RESTROOM	76 SF
B108B		RESTROOM	77 SF
B109		STORAGE	41 SF
B110		NURSE	431 SF
B111		STORAGE	38 SF
B112		RESTROOM	51 SF
B113		OFFICE	102 SF
B114		STORAGE	57 SF
B115		RECEPTION	637 SF
B116		WORKROOM	410 SF
B117		CORRIDOR	271 SF
B118		CORRIDOR	234 SF
B119		CONFERENCE	300 SF
B120		PRINCIPAL	321 SF
B121		BUILDING SUPPORT	40 SF
B122		CONFERENCE	208 SF
B123		CONFERENCE	161 SF
B124		RESTROOM	144 SF
B125		CALM ROOM	56 SF
B126		CALM ROOM	44 SF
B127		ALCOVE	86 SF
B128		RESTROOM	160 SF
B129		RECORDS	129 SF
B130		ALCOVE	94 SF
B131		RESTROOM	161 SF
B132		RESTROOM	154 SF
B133		CORRIDOR	833 SF
B134		ELEVATOR	48 SF
B135		J.C	35 SF
B136		RESTROOM	128 SF
B137		BUILDING SUPPORT	41 SF
B138		RESTROOM	128 SF
B139		ELEC	84 SF
B140		CORRIDOR	760 SF
C1-1		STAIRS	156 SF
C101		CLASSROOM	869 SF
C102		CLASSROOM	869 SF
C103		CLASSROOM	878 SF
C104		CLASSROOM	878 SF
C105		CLASSROOM	891 SF
C106		CLASSROOM	891 SF
C107		VESTIBULE	134 SF
C108		BUILDING SUPPORT	32 SF
C109		BUILDING SUPPORT	22 SF
C110		TEACHER'S LOUNGE	250 SF
C112		CORRIDOR	929 SF
C113		TEACHER'S LOUNGE	578 SF
C114		VESTIBULE	99 SF
C115		FOOD SERVICE	2204 SF
C118		STORAGE	38 SF
C119		OFFICE	88 SF
C120		KITCHEN	159 SF
C121		RESTROOM	39 SF
C122		BUILDING SUPPORT	480 SF
C124		MECHANICAL	2240 SF
C125		ELECTRICAL	300 SF
C126		LOCKERS	79 SF
D101		CAFETERIA	2936 SF
D102		PLATFORM	1266 SF
D103		ALCOVE	181 SF
D104		RESTROOM	161 SF
D105		RESTROOM	161 SF
D107		VESTIBULE	124 SF
D108		MUSIC	1012 SF
D109		STORAGE	173 SF
D110		ART	920 SF
D111		STORAGE	151 SF
D112		KILN	97 SF
D113		GYMNASIUM	5442 SF
D114		OFFICE	120 SF
D115		STORAGE	165 SF
D116		PLATFORM RAMP	147 SF
D117		PLATFORM STORAGE	133 SF
D118		MECHANICAL	217 SF
D119		OFFICE	133 SF
D120		CORRIDOR	1172 SF
D121		VESTIBULE	114 SF
D122		CORRIDOR	1806 SF
D123		CORRIDOR	1501 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(X)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T15	LOCATION OF EXISTING DUKANE INTERCOM HEADEND CABINET TO REPLACE.
T16	REPLACE EXISTING CABINET AND HEADEND EQUIPMENT WITH A NEW CAREHAWK CH1000X UNIT TO MATCH DISTRICT STANDARD. ALL EXISTING SPEAKERS AND WIRING ARE TO BE REUSED.
T17	INCLUDE 16 ADDITIONAL LABOR HOURS FOR TESTING AND TROUBLESHOOTING OF TOTATL SYSTEM AFTER CHANGEOVER.

1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

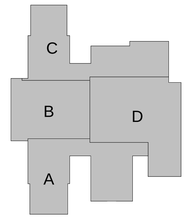
Boone Meadow Elementary School:
5555 S. Main St,
Whitestown, IN 46075

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

317.848.0966 WWW.FHAI.COM
350 E. New York St. #300, Indianapolis, IN 46204



KEY PLAN

ISSUED FOR BID



PROJECT MANAGER: JAM

DRAWN BY: CDT

PROJECT NUMBER: 224035.00

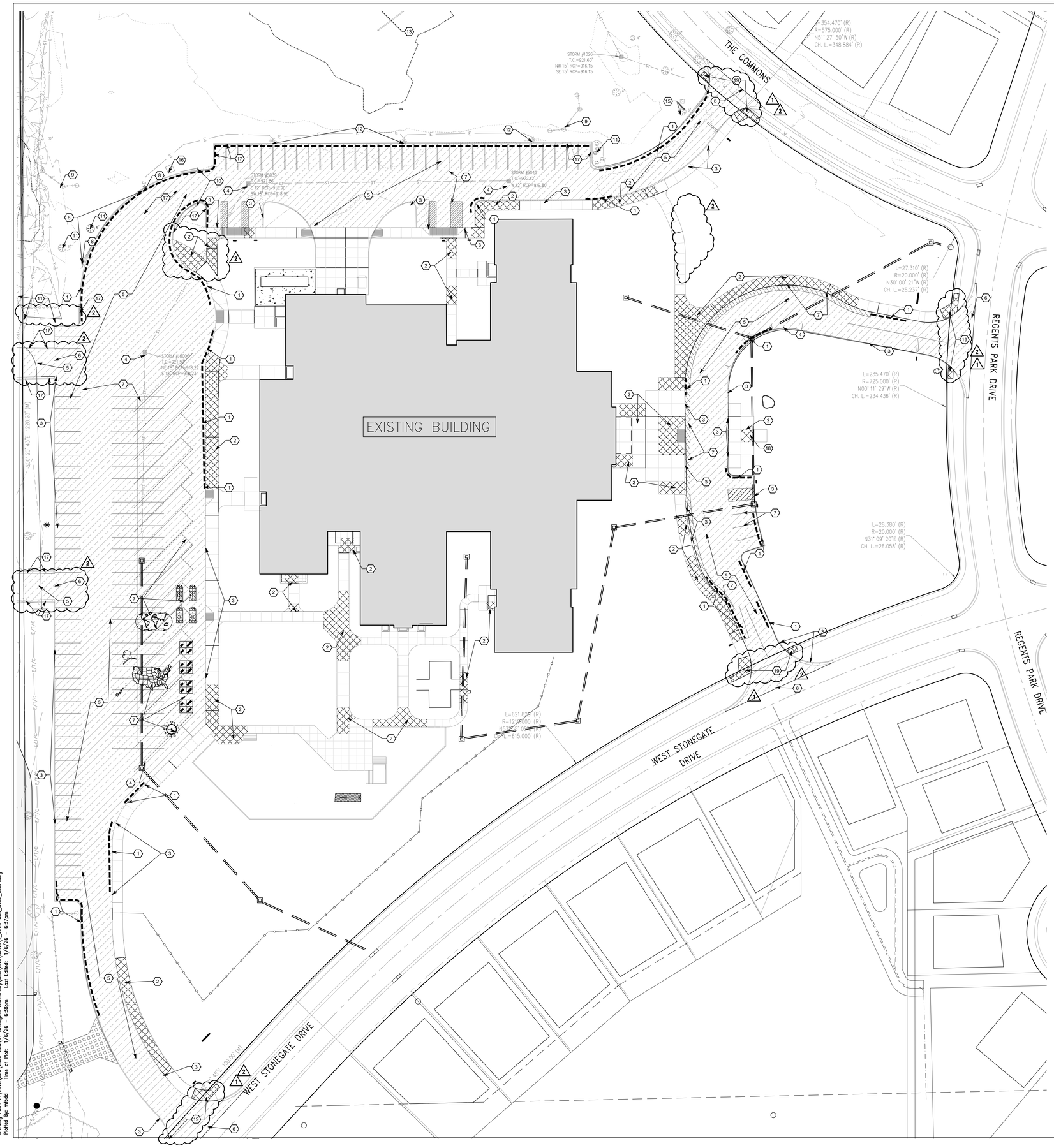
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	01.08.26

OVERALL FIRST FLOOR TECHNOLOGY PLAN

BM-T11

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1/6/2026 11:55:02 AM



GENERAL NOTES

1. SEE DRAWING SGE-G1-00 FOR EXISTING CURB AND SIDEWALK CONDITION ASSESSMENT.
2. ALL SIDEWALKS AND CURBS TO BE REPLACED WILL BE SAWCUT AT NEAREST CONTROL JOINT SO THAT THE ENTIRE SECTION CAN BE REPLACED.
3. ALL DAMAGED EXPANSION JOINTS SHALL BE COMPLETELY REMOVED AND REPLACED WITH NEW EXPANSION JOINT MATERIAL AND FILLER. CONTRACTOR TO INCLUDE 250' OF JOINT REPAIR.
4. ALL PARKING LOT STRIPING AND PAVEMENT MARKINGS ON RESURFACED AREAS SHALL BE REPLACED TO MATCH EXISTING.
5. PLAYGROUNDS AND PUBLIC SIDEWALK REPAIRS ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT.
6. THE EXISTING CONDITIONS INCLUDING ELEVATIONS AND GEOMETRY OF THE EXISTING PARKING LOT SURFACE, SIDEWALKS AND CURBS ARE REPRESENTED BY INFORMATION FROM PREVIOUS PROJECTS AND NEED TO BE DOCUMENTED BY THE CONTRACTOR PRIOR TO DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING FIELD INFORMATION (TOPOGRAPHIC SURVEY) PRIOR TO CONSTRUCTION TO CONFIRM AND REPLACE PAVEMENTS, SIDEWALKS AND CURBS TO THEIR ORIGINAL GEOMETRY AND FINISHED GRADE ELEVATION TO MATCH EXISTING GRADE ELEVATIONS

DEMOLITION KEYNOTES

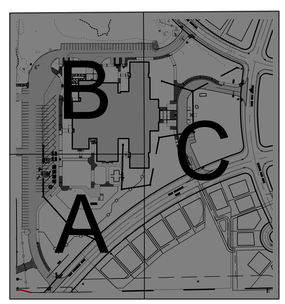
1. REMOVE DAMAGED CURB
2. DAMAGED/CRACKED SIDEWALK - REMOVE (SAWCUT) SIDEWALK AND CURB BACK TO THE NEAREST JOINT
3. PROTECT CONCRETE CURB TO REMAIN (TYP)
4. PROTECT STORM INLET OR MANHOLE TO REMAIN (TYP)
5. REMOVE ASPHALT PAVEMENT TO STONE BASE, OR A MINIMUM OF 7" - SEE DETAIL C/SG-G4-00
6. SAWCUT PAVEMENT
7. PAVEMENT MARKINGS ARE SHOWN FOR REFERENCE. CONTRACTOR SHALL SURVEY THE EXISTING MARKINGS AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
8. RELOCATE PARKING LOT LIGHTS
9. REMOVE EXISTING BASEBALL BACKSTOP
10. REMOVE PARKING GATES, POSTS AND FOUNDATIONS.
11. REMOVE EXISTING LANDSCAPING
12. PROTECT LIGHT POLE TO REMAIN
13. RELOCATE GOAL POST
14. REMOVE TREE, GRIND DOWN STUMP AND REMOVE ROOTS TO A DEPTH OF 18" BELOW EXPOSED SUBGRADE
15. PROTECT LANDSCAPE TO REMAIN
16. RELOCATE PORT-O-LET
17. REMOVE CONCRETE CURB AND GUTTER
18. REMOVED DAMAGED FLAGPOLE FOUNDATION. SALVAGE FLAGPOLE AND GROUNDING FOR FOUNDATION REPLACEMENT
19. REMOVE EXISTING SIDEWALK AND RAMP IN R.O.W.

DEMOLITION LEGEND

- APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL
- APPROXIMATE LIMITS OF FULL DEPTH ASPHALT PAVEMENT REMOVAL
- APPROXIMATE LIMITS OF CONCRETE CURB REMOVAL

SURFACE AREAS OF REMOVAL

	TOTAL TO BE REMOVED
SQ FT SIDEWALK PANEL REMOVAL	9,530 SF
LF OF CURB REMOVAL	1,257 LF
SQ FT ASPHALT PVMT REMOVAL	94,800 SF



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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

STONEGATE ELEMENTARY SCHOOL
7312 W. Stonegate Drive
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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CONSULTANT

TLF

TLF, INC.
3901 West 86th Street, Suite 200
Indianapolis, Indiana 46268
Phone: 317-334-1500
Fax: 317-334-1552
TLF Job No: 2025-363

ISSUED FOR BID

CHRISTOPHER S. GRANT REGISTERED No. PE10606090 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: PMR

PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

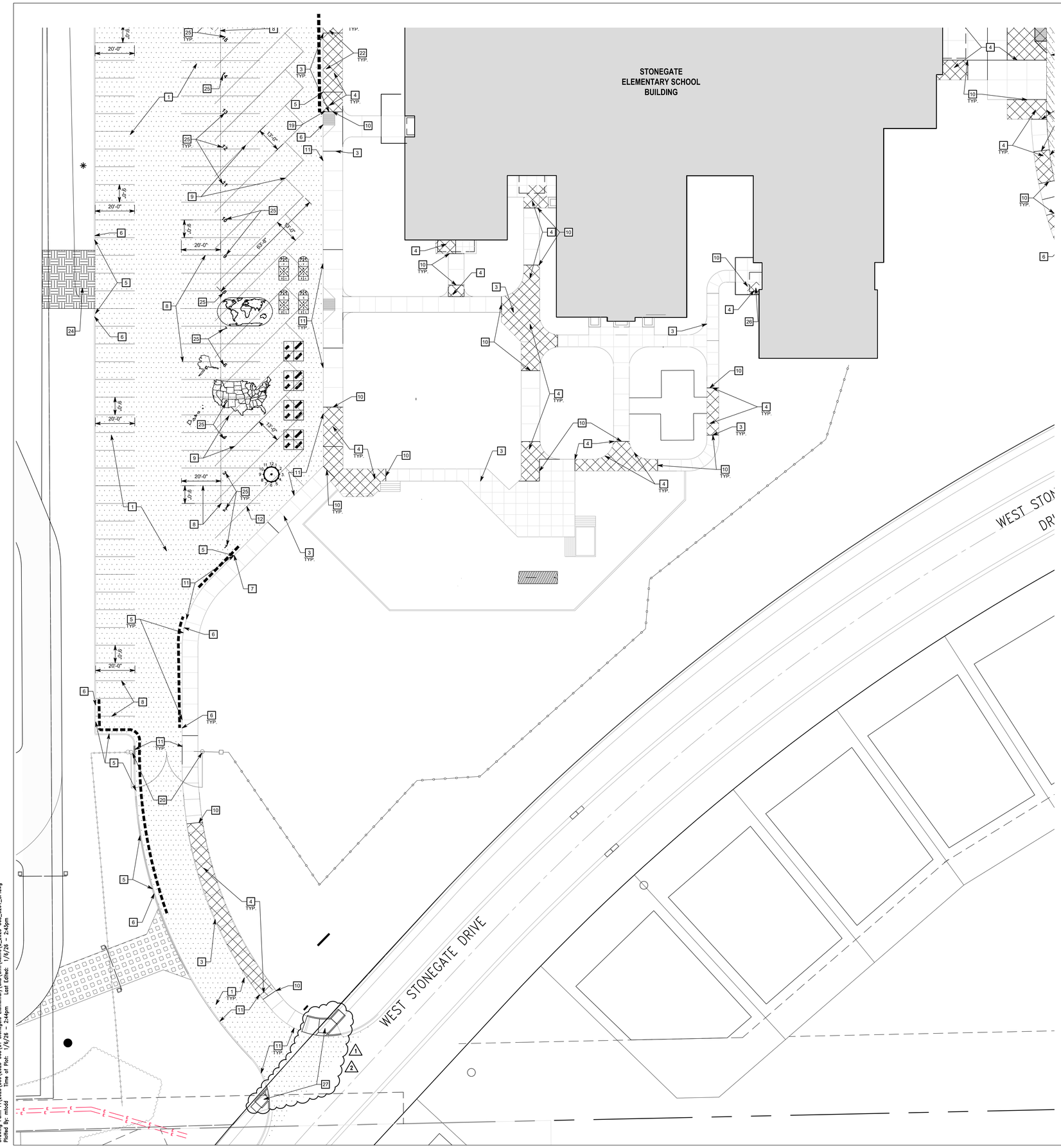
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	TAC RESPONSE 1	12.23.25
2	ADDENDUM 2	01.08.26

EXISTING CONDITIONS/ DEMO PLAN

SG-GD1-00

Drawing Path: P:\2025\300\2025-363\01 Stonegate Elementary\CAD\Civil\Active\2_2025-363_C100_XTOP.dwg
Printed By: mtodd Time of Plot: 1/6/26 - 6:38pm Last Edited: 1/6/26 - 6:37pm



Drawing Path: P:\2025_Work\2025-363\01 Stonegate Elementary\CAD\Civil\Active\3_2025-363_C201_SP.dwg
Plotted By: mlosd Time of Plot: 1/6/26 – 2:44pm Last Edited: 1/6/26 – 2:43pm

NORTH

20 0 20 40 60

GENERAL NOTES

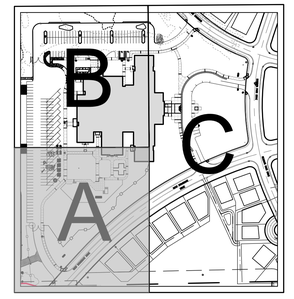
1. SEE DRAWING SGE-G1-00 FOR EXISTING CURB AND SIDEWALK CONDTION ASSESSMENT.
2. ALL SIDEWALKS AND CURBS TO BE REPLACED WILL BE SAWCUT AT NEAREST CONTROL JOINT SO THAT THE ENTIRE SECTION CAN BE REPLACED.
3. ALL EXPANSION JOINTS SHALL BE COMPLETELY REMOVED AND REPLACED WITH NEW EXPANSION JOINT MATERIAL AND FILLER.
4. ALL PARKING LOT STRIPING AND PAVEMENT MARKINGS ON RESURFACED AREAS SHALL BE REPLACED TO MATCH EXISTING.
5. PLAYGROUNDS AND PUBLIC SIDEWALKS ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT.
6. SEED ALL LAWN AREAS DISTURBED BY CONSTRUCTION PER SPECIFICATIONS.
7. THE EXISTING CONDITIONS INCLUDING ELEVATIONS AND GEOMETRY OF THE EXISTING PARKING LOT SURFACE, SIDEWALKS, AND CURBS ARE REPRESENTED BY INFORMATION FROM PREVIOUS PROJECTS AND NEED TO BE DOCUMENTED BY THE CONTRACTOR PRIOR TO DEMOLITION.
8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING FIELD INFORMATION (TOPOGRAPHIC SURVEY) PRIOR TO CONSTRUCTION TO CONFIRM AND REPLACE PAVEMENT, SIDEWALK, AND CURB REPAIRS TO THEIR ORIGINAL GEOMETRY AND FINISHED GRADE ELEVATIONS TO MATCH EXISTING GRADE ELEVATIONS.
9. ALL PAVEMENT AND CURB MARKINGS SHALL BE IN ACCORDANCE TO THE SPECIFICATION SECTION 31 17 23 - PAVEMENT MARKINGS AND AS SHOWN ON PLAN.

SITE KEYNOTES

1. FULL DEPTH ASPHALT PAVEMENT REPLACEMENT- SEE DETAIL M/SG-G4-01
2. NEW PARKING LOT ADDITION LIGHT DUTY ASPHALT PAVEMENT - SEE DETAIL C/SG-G4-00
3. REPLACE EXPANSION JOINTS - SEE DETAIL O/SG-G4-00
4. CONCRETE SIDEWALK - SEE DETAIL A/SG-G4-00
5. CONCRETE CURB - SEE DETAIL B/SG-G4-00
6. CONNECT NEW CURB TO EXISTING CURB - SEE DETAIL G/SG-G4-00
7. CONCRETE CURB REPAIR- SEE DETAIL L/SG-G4-00
8. 4" WIDE WHITE LINE (TYP)
9. 4" WIDE YELLOW LINE (TYPY)
10. PROPOSED CONCRETE TO EXISTING CONCRETE CONNECTION - SEE DETAIL F/SG-G4-00
11. PAINT CURBS (YELLOW) WITH TRAFFIC GRADE PAINT
12. CONCRETE COLLAR AT STORM INLET- SEE DETAIL P/SG-G4-00
13. PAINTED ADA SYMBOL - SEE DETAIL D/SG-G4-00
14. 4" WIDE BLUE LINE (TYP)
15. 4" WIDE BLUE LINES @ 3'-0" O.C DIAGONALLY - SEE DETAIL E/SG-G4-00
16. 4 " WIDE YELLOW LINES @ 3'-0" O.C DIAGONALLY - SEE DETAIL E/SG-G4-00
17. HANDICAP RESERVED SIGN - SEE DETAIL R/SG-G4-00
18. HANDICAP VAN ACCESSIBLE RESERVED SIGN - SEE DETAIL R/SG-G4-00
19. REPAIR RAMP AFTER CONCRETE IS REPAIRED AROUND IT.
20. NEW TRAFFIC CONTROL GATE - SEE DETAIL K/SG-G4-01
21. RELOCATED GOAL POST
22. MONOLITHIC CURB AND WALK. SEE DETAIL J/SG-G4-01
23. NEW FLAG POLE FOUNDATION. SEE DETAIL S/SG-G4-00
24. SEED DISTURBED AREAS
25. 12" TALL PAINTED YELLOW BUS NUMBERS
26. COLUMN CONTROL JOINT Q/SG-G4-00
27. REPLACE EXISTING SIDEWALK RAMP WITH ADA COMPLIANT RAMP

PROPOSED SITE LEGEND

- EXISTING BUILDING
- NEW LIGHT DUTY ASPHALT PAVEMENT
- FULL DEPTH ASPHALT PAVEMENT REPLACEMENT
- REPLACED SIDEWALK
- APPROXIMATE LIMITS OF CURB REPLACEMENT



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TLF

TLF, INC.
3901 West 86th Street, Suite 200
Indianapolis, Indiana 46268
Phone: 317-334-1500
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TLF Job No: 2025-363

ISSUED FOR BID

CHRISTOPHER S. GRANT REGISTERED No. PE10606090 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: PMR

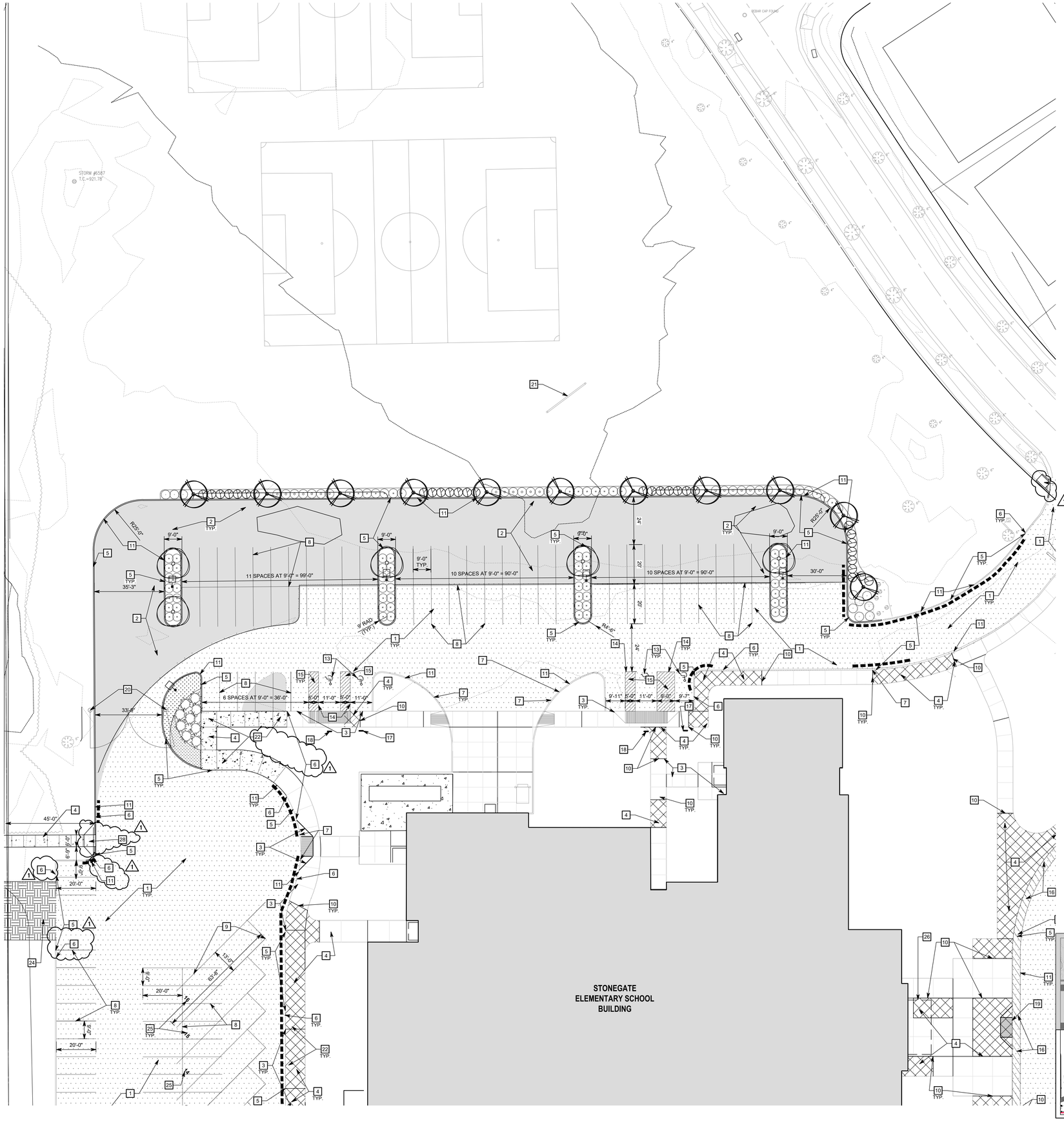
PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

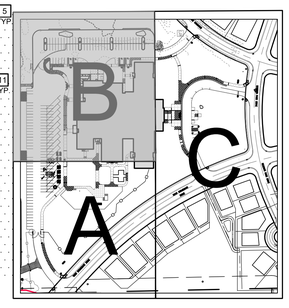
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	TAC RESPONSE 1	12.23.25
2	ADDENDUM 2	01.08.26

PROPOSED SITE REPAIR PLAN - AREA A

SG-G1-01





NORTH

20 0 20 40 60

GENERAL NOTES

1. SEE DRAWING SGE-G1-00 FOR EXISTING CURB AND SIDEWALK CONDTION ASSESSMENT.
2. ALL SIDEWALKS AND CURBS TO BE REPLACED WILL BE SAWCUT AT NEAREST CONTROL JOINT SO THAT THE ENTIRE SECTION CAN BE REPLACED.
3. ALL EXPANSION JOINTS SHALL BE COMPLETELY REMOVED AND REPLACED WITH NEW EXPANSION JOINT MATERIAL AND FILLER.
4. ALL PARKING LOT STRIPING AND PAVEMENT MARKINGS ON RESURFACED AREAS SHALL BE REPLACED TO MATCH EXISTING.
5. PLAYGROUNDS AND PUBLIC SIDEWALKS ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT.
6. SEED ALL LAWN AREAS DISTURBED BY CONSTRUCTION PER SPECIFICATIONS.
7. THE EXISTING CONDITIONS INCLUDING ELEVATIONS AND GEOMETRY OF THE EXISTING PARKING LOT SURFACE, SIDEWALKS, AND CURBS ARE REPRESENTED BY INFORMATION FROM PREVIOUS PROJECTS AND NEED TO BE DOCUMENTED BY THE CONTRACTOR PRIOR TO DEMOLITION.
8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING FIELD INFORMATION (TOPOGRAPHIC SURVEY) PRIOR TO CONSTRUCTION TO CONFIRM AND REPLACE PAVEMENT, SIDEWALK, AND CURB REPAIRS TO THEIR ORIGINAL GEOMETRY AND FINISHED GRADE ELEVATIONS TO MATCH EXISTING GRADE ELEVATIONS.
9. ALL PAVEMENT AND CURB MARKINGS SHALL BE IN ACCORDANCE TO THE SPECIFICATION SECTION 31 17 23 - PAVEMENT MARKINGS AND AS SHOWN ON PLAN.

SITE KEYNOTES

1. FULL DEPTH ASPHALT PAVEMENT REPLACEMENT- SEE DETAIL M/SG-G4-01
2. NEW PARKING LOT ADDITION LIGHT DUTY ASPHALT PAVEMENT - SEE DETAIL C/SG-G4-00
3. REPLACE EXPANSION JOINTS - SEE DETAIL O/SG-G4-00
4. CONCRETE SIDEWALK - SEE DETAIL A/SG-G4-00
5. CONCRETE CURB - SEE DETAIL B/SG-G4-00
6. CONNECT NEW CURB TO EXISTING CURB - SEE DETAIL G/SG-G4-00
7. CONCRETE CURB REPAIR- SEE DETAIL L/SG-G4-00
8. 4" WIDE WHITE LINE (TYP)
9. 4" WIDE YELLOW LINE (TYP)
10. PROPOSED CONCRETE TO EXISTING CONCRETE CONNECTION - SEE DETAIL F/SG-G4-00
11. PAINT CURBS (YELLOW) WITH TRAFFIC GRADE PAINT
12. CONCRETE COLLAR AT STORM INLET- SEE DETAIL P/SG-G4-00
13. PAINTED ADA SYMBOL - SEE DETAIL D/SG-G4-00
14. 4" WIDE BLUE LINE (TYP)
15. 4" WIDE BLUE LINES @ 3'-0" O.C DIAGONALLY - SEE DETAIL E/SG-G4-00
16. 4 " WIDE YELLOW LINES @ 3'-0" O.C DIAGONALLY - SEE DETAIL E/SG-G4-00
17. HANDICAP RESERVED SIGN - SEE DETAIL R/SG-G4-00
18. HANDICAP VAN ACCESSIBLE RESERVED SIGN - SEE DETAIL R/SG-G4-00
19. REPAIR RAMP AFTER CONCRETE IS REPAIRED AROUND IT.
20. NEW TRAFFIC CONTROL GATE - SEE DETAIL K/SG-G4-01
21. RELOCATED GOAL POST
22. MONOLITHIC CURB AND WALK. SEE DETAIL J/SG-G4-01
23. NEW FLAG POLE FOUNDATION. SEE DETAIL S/SG-G4-00
24. SEED DISTURBED AREAS
25. 12" TALL PAINTED YELLOW BUS NUMBERS
26. COLUMN CONTROL JOINT O/SG-G4-00
27. REPLACE EXISTING SIDEWALK RAMP WITH ADA COMPLIANT RAMP
28. NEW ADA RAMP. SEE DETAIL J/SG-G4-00

PROPOSED SITE LEGEND

- EXISTING BUILDING
- NEW LIGHT DUTY ASPHALT PAVEMENT
- FULL DEPTH ASPHALT PAVEMENT REPLACEMENT
- REPLACED SIDEWALK
- APPROXIMATE LIMITS OF CURB REPLACEMENT

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2026 IMPROVEMENTS

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ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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CONSULTANT

TLF, INC.
3901 West 86th Street, Suite 200
Indianapolis, Indiana 46268
Phone: 317-334-1500
Fax: 317-334-1552
TLF Job No: 2025-363

ISSUED FOR BID

CHRISTOPHER S. GRANT REGISTERED No. PE10606090 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: PMR

PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

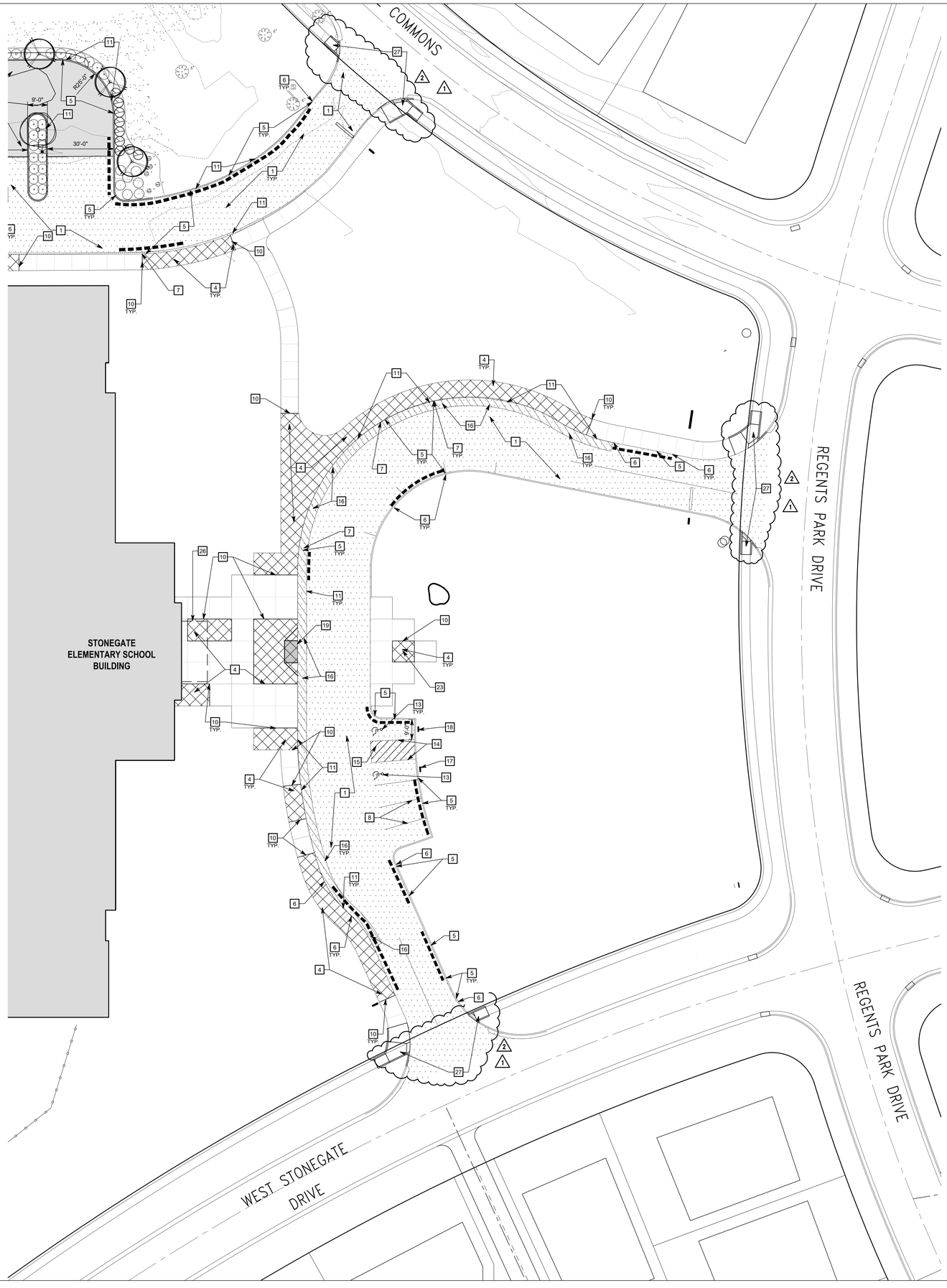
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	ADDENDUM 2	01.08.26

PROPOSED SITE REPAIR PLAN - AREA B

SG-G1-02

Drawing Path: P:\2025\300\2025-363\01 Stonegate Elementary\CAD\Civil\Active\3_2025-363_C201_SP.dwg
Plotted By: mscott Time of Plot: 1/9/26 - 7:11pm Last Edited: 1/9/26 - 7:09pm



NORTH

20 0 20 40 60

GENERAL NOTES

1. SEE DRAWING SGE-G1-00 FOR EXISTING CURB AND SIDEWALK CONDTION ASSESSMENT.
2. ALL SIDEWALKS AND CURBS TO BE REPLACED WILL BE SAWCUT AT NEAREST CONTROL JOINT SO THAT THE ENTIRE SECTION CAN BE REPLACED.
3. ALL EXPANSION JOINTS SHALL BE COMPLETELY REMOVED AND REPLACED WITH NEW EXPANSION JOINT MATERIAL AND FILLER.
4. ALL PARKING LOT STRIPING AND PAVEMENT MARKINGS ON RESURFACED AREAS SHALL BE REPLACED TO MATCH EXISTING.
5. PLAYGROUNDS AND PUBLIC SIDEWALKS ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT.
6. SEED ALL LAWN AREAS DISTURBED BY CONSTRUCTION PER SPECIFICATIONS.
7. THE EXISTING CONDITIONS INCLUDING ELEVATIONS AND GEOMETRY OF THE EXISTING PARKING LOT SURFACE, SIDEWALKS, AND CURBS ARE REPRESENTED BY INFORMATION FROM PREVIOUS PROJECTS AND NEED TO BE DOCUMENTED BY THE CONTRACTOR PRIOR TO DEMOLITION.
8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING FIELD INFORMATION (TOPOGRAPHIC SURVEY) PRIOR TO CONSTRUCTION TO CONFIRM AND REPLACE PAVEMENT, SIDEWALK, AND CURB REPAIRS TO THEIR ORIGINAL GEOMETRY AND FINISHED GRADE ELEVATIONS TO MATCH EXISTING GRADE ELEVATIONS.
9. ALL PAVEMENT AND CURB MARKINGS SHALL BE IN ACCORDANCE TO THE SPECIFICATION SECTION 31 17 23 - PAVEMENT MARKINGS AND AS SHOWN ON PLAN.

SITE KEYNOTES

1. FULL DEPTH ASPHALT PAVEMENT REPLACEMENT- SEE DETAIL M/SG-G4-01
2. NEW PARKING LOT ADDITION LIGHT DUTY ASPHALT PAVEMENT - SEE DETAIL C/SG-G4-00
3. REPLACE EXPANSION JOINTS - SEE DETAIL O/SG-G4-00
4. CONCRETE SIDEWALK - SEE DETAIL A/SG-G4-00
5. CONCRETE CURB - SEE DETAIL B/SG-G4-00
6. CONNECT NEW CURB TO EXISTING CURB - SEE DETAIL G/SG-G4-00
7. CONCRETE CURB REPAIR- SEE DETAIL L/SG-G4-00
8. 4" WIDE WHITE LINE (TYP)
9. 4" WIDE YELLOW LINE (TYP)
10. PROPOSED CONCRETE TO EXISTING CONCRETE CONNECTION - SEE DETAIL F/SG-G4-00
11. PAINT CURBS (YELLOW) WITH TRAFFIC GRADE PAINT
12. CONCRETE COLLAR AT STORM INLET- SEE DETAIL P/SG-G4-00
13. PAINTED ADA SYMBOL - SEE DETAIL D/SG-G4-00
14. 4" WIDE BLUE LINE (TYP)
15. 4" WIDE BLUE LINES @ 3'-0" O.C DIAGONALLY - SEE DETAIL E/SG-G4-00
16. 4 " WIDE YELLOW LINES @ 3'-0" O.C DIAGONALLY - SEE DETAIL E/SG-G4-00
17. HANDICAP RESERVED SIGN - SEE DETAIL R/SG-G4-00
18. HANDICAP VAN ACCESSIBLE RESERVED SIGN - SEE DETAIL R/SG-G4-00
19. REPAIR RAMP AFTER CONCRETE IS REPAIRED AROUND IT.
20. NEW TRAFFIC CONTROL GATE - SEE DETAIL K/SG-G4-01
21. RELOCATED GOAL POST
22. MONOLITHIC CURB AND WALK. SEE DETAIL J/SG-G4-01
23. NEW FLAG POLE FOUNDATION. SEE DETAIL S/SG-G4-00
24. SEED DISTURBED AREAS
25. 12" TALL PAINTED YELLOW BUS NUMBERS
26. COLUMN CONTROL JOINT O/SG-G4-00
27. REPLACE EXISTING SIDEWALK RAMP WITH ADA COMPLIANT RAMP

PROPOSED SITE LEGEND

- EXISTING BUILDING
- NEW LIGHT DUTY ASPHALT PAVEMENT
- FULL DEPTH ASPHALT PAVEMENT REPLACEMENT
- REPLACED SIDEWALK
- APPROXIMATE LIMITS OF CURB REPLACEMENT



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Phone: 317-334-1500
Fax: 317-334-1552
TLF Job No: 2025-363

ISSUED FOR BID

KRISTOPHER S. GRANT REGISTERED No. PE10606090 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: PMR

PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

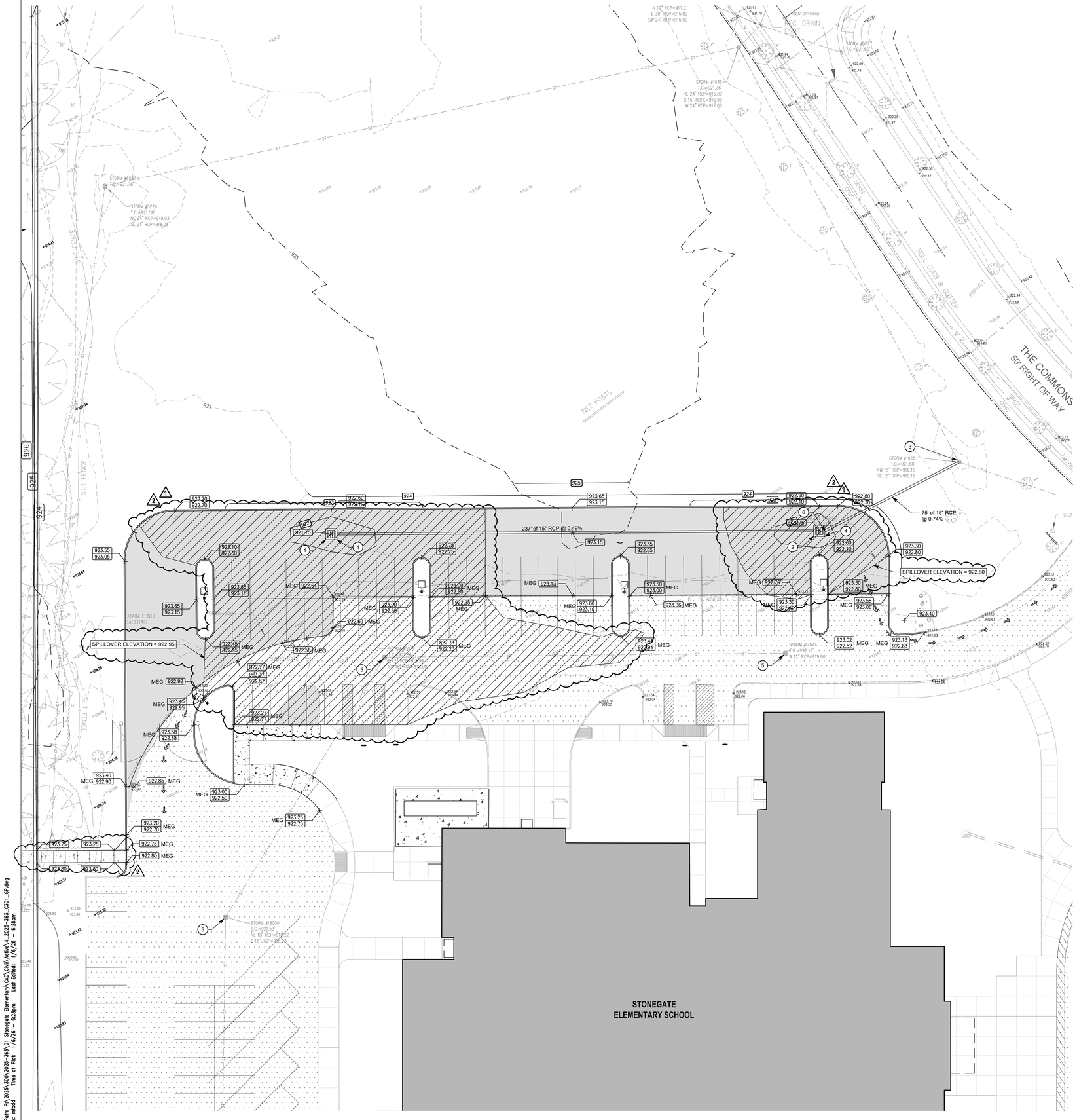
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	TAC RESPONSE 1	12.23.25
2	ADDENDUM 2	01.08.26

PROPOSED SITE REPAIR PLAN - AREA C

SG-G1-03

Drawing Path: P:\2025\363\2025-363\01 Stonegate Elementary\CAD\Civil\Arkha\3_2025-363_C201_SP.dwg
Plotted By: rstamato Time of Plot: 1/6/26 - 4:58pm Last Edited: 1/6/26 - 2:41pm



Drawing Path: P:\2025\300\2025-363\01 Stonegate Elementary\Civil\Active\A_2025-363_C301_GP.dwg
Plotted By: mlodd Time of Plot: 1/6/26 - 6:28pm Last Edited: 1/6/26 - 6:28pm

NORTH

20 0 20 40 60

GENERAL NOTES

1. SEE DRAWING SGE-G1-00 FOR EXISTING CURB AND SIDEWALK CONDTION ASSESSMENT.
2. ALL SIDEWALKS AND CURBS TO BE REPLACED WILL BE SAWCUT AT NEAREST CONTROL JOINT SO THAT THE ENTIRE SECTION CAN BE REPLACED.
3. ALL DETERIORATED EXPANSION JOINTS SHALL BE COMPLETELY REMOVED AND REPLACED WITH NEW EXPANSION JOINT MATERIAL AND FILLER.
4. ALL PARKING LOT STRIPING AND PAVEMENT MARKINGS ON RESURFACED AREAS SHALL BE REPLACED TO MATCH EXISTING.
5. PLAYGROUNDS AND PUBLIC SIDEWALKS ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT.
6. THE EXISTING CONDITIONS INCLUDING ELEVATIONS AND GEOMETRY OF THE EXISTING PARKING LOT SURFACE, SIDEWALKS AND CURBS ARE REPRESENTED BY INFORMATION FROM PREVIOUS PROJECTS AND NEED TO BE DOCUMENTED BY THE CONTRACTOR PRIOR TO DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING FIELD INFORMATION (TOPOGRAPHIC SURVEY PRIOR TO CONSTRUCTION TO CONFIRM AND REPLACE PAVEMENT AND SIDEWALKS AND CURB REPAIRS TO THEIR ORIGINAL GEOMETRY AND FINISHED GRADE ELEVATIONS TO MATCH THE EXISTING GRADE ELEVATIONS.

○ GRADING KEYNOTES

1. STR-1
   TYPE "A" STORM INLET - SEE DETAIL F/SG-G4-01
   RIM= 921.75 (NEENAH R-3405) (1)(2)
   INV. = 918.00 (E)
   BOTTOM OF STR = 918.00
2. STR-3 (SGE-BMP-1) (1)(2)
   TYPE "A" STORM INLET W/ P SUMP - SEE DETAIL F/SG-G4-01
   RIM = 921.75 (NEENAH R-3405) (1)(2)
   INV. = 916.85 (SW)
   INV. = 916.75 (E)
   BOTTOM OF STR = 914.75
   (SEE KEYNOTE 6)
3. CORE DRILL NEW OPENING AT EXISTING STORM INLET FOR PIPE INV. ELEV. = 916.20 (SW)
4. PROVIDE CONCRETE COLLAR AT NEW STORM INLET - SEE DETAIL P/SG-G4-00
5. PROVIDE CONCRETE COLLAR AT EXISTING STORM INLET - SEE DETAIL P/SG-G4-00
6. PROVIDE STORMWATER QUALITY MEASURE (HOOD) SGE-BMP-1 ON OUTLET SIDE OF STRUCTURE - SEE DETAIL L/SG-G4-01 (1)(2)

GRADING PLAN LEGEND

- EXISTING SPOT ELEVATION
- EXISTING CONTOUR W/ ELEVATION
- PROPOSED CONTOUR W/ ELEVATION
- PROPOSED SPOT ELEVATION
- PROPOSED CURB ELEVATION
- MEG — MATCH EXISTING GRADE
- TC — TOP OF CURB
- BC — BOTTOM OF CURB
- EP — EDGE OF PAVEMENT
- FL — FLOWLINE

PROPOSED SITE LEGEND

- EXISTING BUILDING
- NEW PAVEMENT LIGHT DUTY ASPHALT PAVEMENT (2)
- FULL DEPTH ASPHALT PAVEMENT REPLACEMENT (1)
- EMERGENCY FLOOD ROUTING PONDING LIMITS (1)(2)
- EMERGENCY OVERFLOW TRAVEL PATH

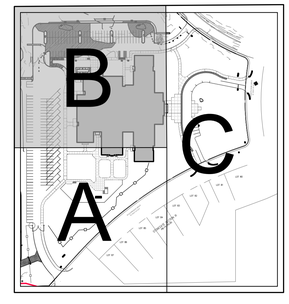
BENCHMARK INFORMATION

TBM #102:

A MAG NAIL SET IN THE SOUTHWEST CORNER OF THE SOUTHEAST TO NORTH BEND IN THE WALKING PATH TO THE NORTHWEST OF THE SUBJECT PARCEL. ALSO BEING EAST OF THE SOUTHWEST TO NORTH BEND IN E600S.

COORDINATES: N=1716073.33, E=3163369.17
ELEV=928.25'

USGS BENCHMARK INFORMATION



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TLF

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3901 West 86th Street, Suite 200
Indianapolis, Indiana 46268
Phone: 317-334-1500
Fax: 317-334-1502
TLF Job No: 2025-363

ISSUED FOR BID

KRISTOPHER S. GRANT REGISTERED No. PE10606090 STATE OF INDIANA PROFESSIONAL ENGINEER

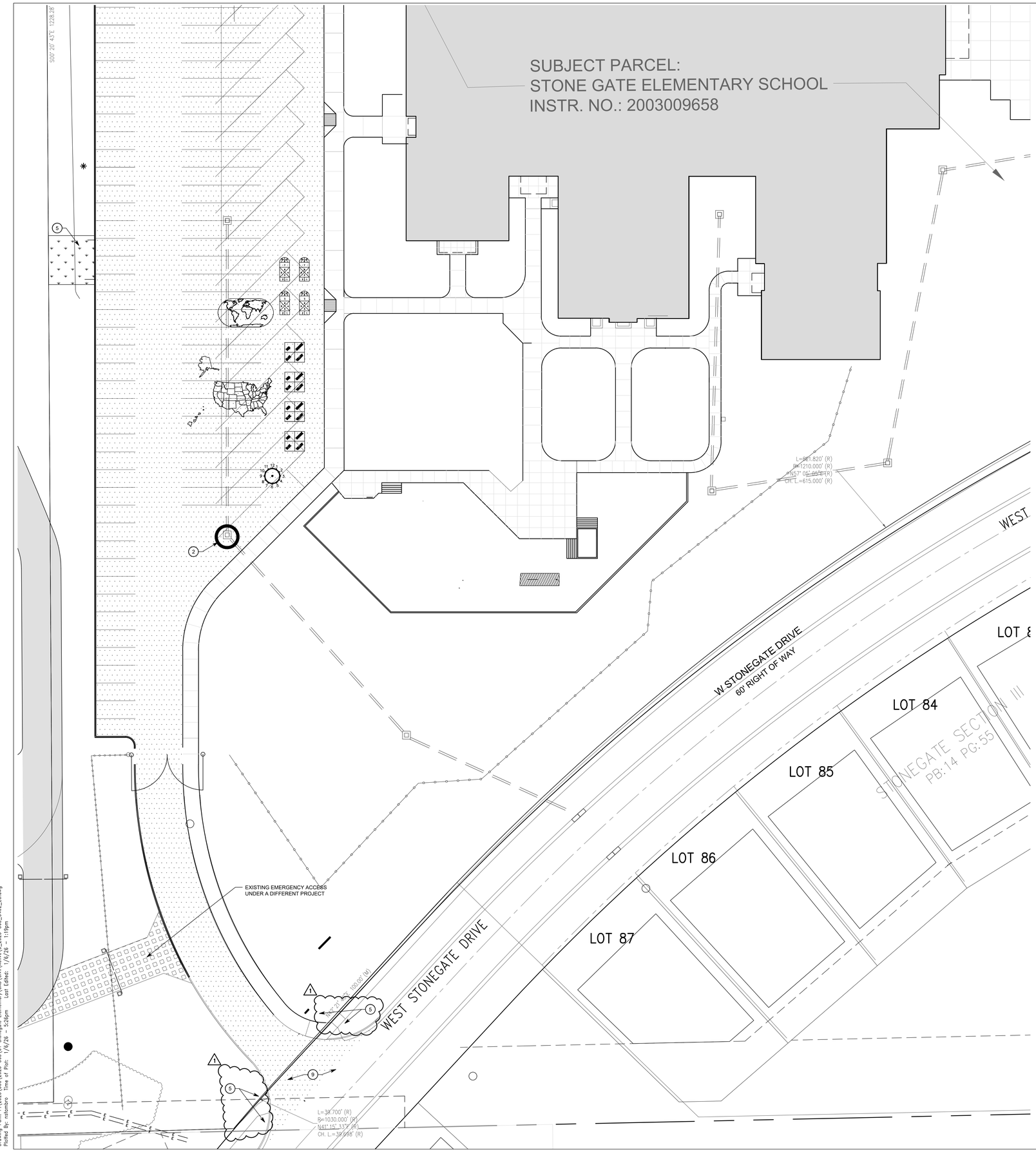
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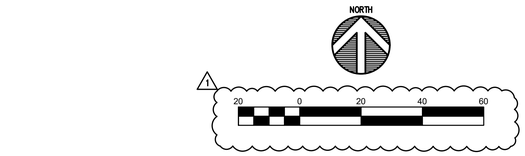
PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	TAC RESPONSE 1	12.23.25
2	ADDENDUM 2	01.08.26

GRADING & UTILITY PLAN
AREA B
SG-G2-01





GENERAL NOTES

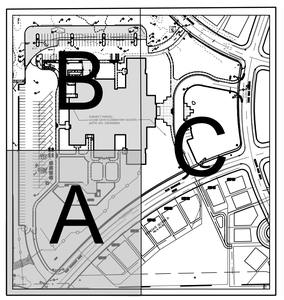
1. SEE DRAWING SG-G1-00 FOR EXISTING CURB AND SIDEWALK CONDTION ASSESSMENT.
2. ALL SIDEWALKS AND CURBS TO BE REPLACED WILL BE SAWCUT AT NEAREST CONTROL JOINT SO THAT THE ENTIRE SECTION CAN BE REPLACED.
3. ALL EXPANSION JOINTS SHALL BE COMPLETELY REMOVED AND REPLACED WITH NEW EXPANSION JOINT MATERIAL AND FILLER.
4. ALL PARKING LOT STRIPING AND PAVEMENT MARKINGS ON RESURFACED AREAS SHALL BE REPLACED TO MATCH EXISTING.
5. PLAYGROUNDS AND PUBLIC SIDEWALKS ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT.
6. SEED ALL LAWN AREAS DISTURBED BY CONSTRUCTION PER SPECIFICATIONS.

○ EROSION CONTROL KEYNOTES

1. SILT FENCE - SEE DETAIL A/SG-G4-01
2. INLET SEDIMENT PROTECTION (BAG INSERT FOR EXISTING INLETS) - SEE DETAIL B/SG-G4-01
3. INLET SEDIMENT PROTECTION (SILT FENCE FOR NEW INLETS) - SEE DETAIL C/SG-G4-01
4. CONSTRUCTION ENTRANCE (CONSTRUCTION TRAFFIC WILL UTILIZE THE EXISTING ASPHALT PAVEMENT DRIVE)
5. SEED DISTURBED AREAS
6. CONCRETE WASHOUT - SEE DETAIL D/SG-G4-01
7. SWPPP INFORMATION BOARD - SEE DETAIL E/SG-G4-01
8. CONSTRUCTION LIMITS
9. DURING CONSTRUCTION KEEP PAVEMENT AND SIDEWALKS CLEAN AND WORK AREAS IN AN ORDERLY CONDITION. CLEAN WHEELS OF VEHICLES BEFORE LEAVING SITE TO AVOID TRACKING SOIL ONTO ROADS OR OTHER PAVED AREAS.

EROSION CONTROL LEGEND

- INLET PROTECTION
- APPROXIMATE LIMITS OF CONSTRUCTION
- APPROXIMATE LIMITS OF TEMPORARY SEEDING
- LIMITS OF FULL-DEPTH REPLACEMENT OF EXISTING PAVEMENT
- CW — INDICATES LOCATION OF CONCRETE WASHOUT
- PT — INDICATES LOCATION OF PORTABLE TOILETS
- SF — SILT FENCE



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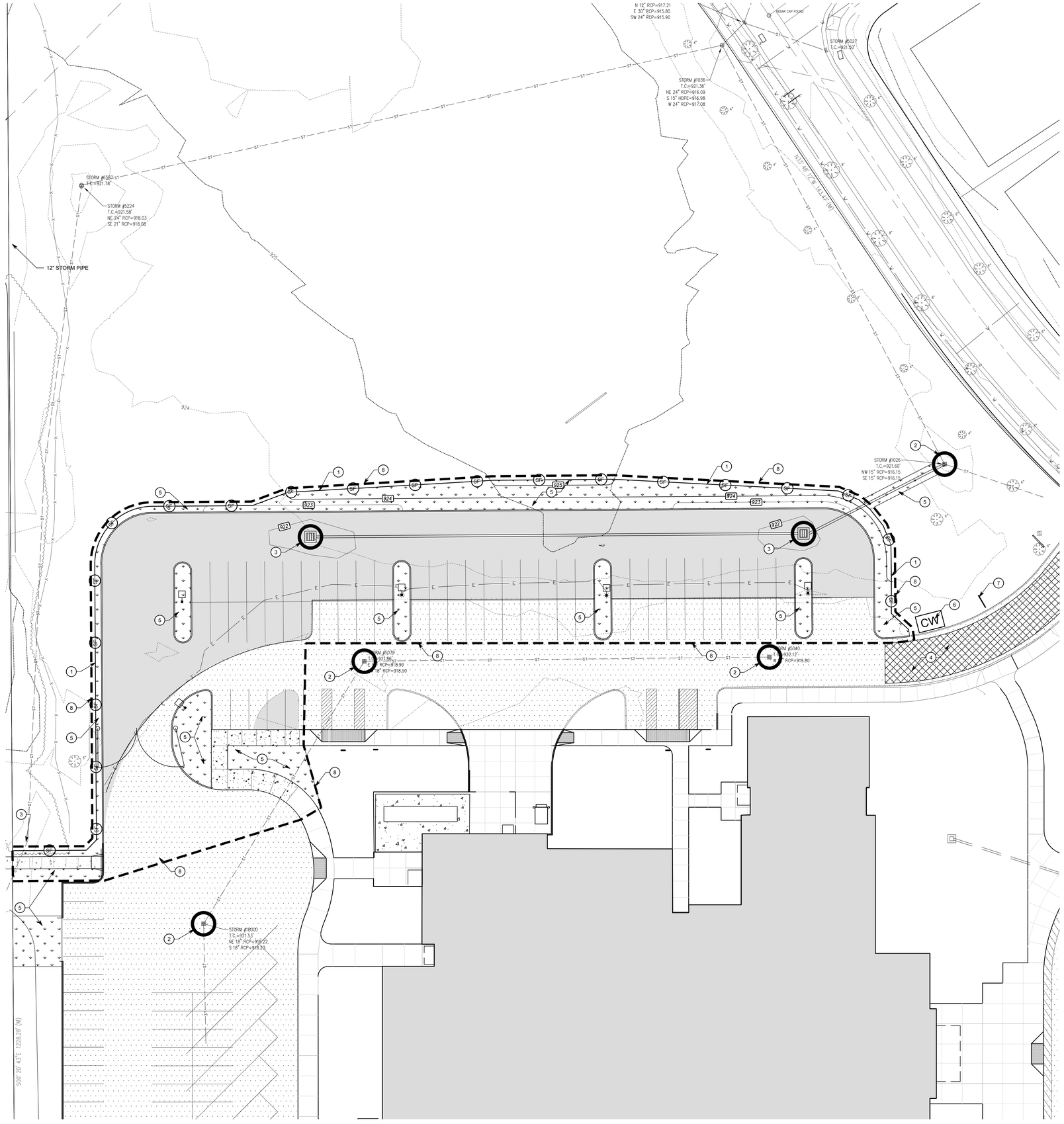
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	ADDENDUM 2	01.08.26

EROSION CONTROL PLAN - AREA A

SG-G3-01

Drawing Path: P:\2025\300\2025-363\01 Stonegate Elementary\CAD\Civil\Active\5_2025-363_C402_EC.dwg
Plotted By: rstamato Time of Plot: 1/6/26 - 5:26pm Last Edited: 1/6/26 - 1:19pm





NORTH

20 0 20 40 60

GENERAL NOTES

1. SEE DRAWING SG-G1-00 FOR EXISTING CURB AND SIDEWALK CONDTION ASSESSMENT.
2. ALL SIDEWALKS AND CURBS TO BE REPLACED WILL BE SAWCUT AT NEAREST CONTROL JOINT SO THAT THE ENTIRE SECTION CAN BE REPLACED.
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2. INLET SEDIMENT PROTECTION (BAG INSERT FOR EXISTING INLETS) - SEE DETAIL B/SG-G4-01
3. INLET SEDIMENT PROTECTION (SILT FENCE FOR NEW INLETS) - SEE DETAIL C/SG-G4-01
4. CONSTRUCTION ENTRANCE (CONSTRUCTION TRAFFIC WILL UTILIZE THE EXISTING ASPHALT PAVEMENT DRIVE)
5. SEED DISTURBED AREAS
6. CONCRETE WASHOUT - SEE DETAIL D/SG-G4-01
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EROSION CONTROL LEGEND

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- APPROXIMATE LIMITS OF CONSTRUCTION
- APPROXIMATE LIMITS OF TEMPORARY SEEDING
- LIMITS OF FULL–DEPTH REPLACEMENT OF EXISTING PAVEMENT
- CW — INDICATES LOCATION OF CONCRETE WASHOUT
- PT — INDICATES LOCATION OF PORTABLE TOILETS
- SF — SILT FENCE

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Call 48 hours or 2 working days before you dig.
It's Fast, It's Easy and It's the Law in the state of Indiana!

CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

STONEGATE ELEMENTARY SCHOOL
7312 W. Stonegate Drive
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

317.848.0966 WWW.FHAI.COM
350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

CONSULTANT

TLF

TLF, INC.
3901 West 86th Street, Suite 200
Indianapolis, Indiana 46268
Phone: 317-334-1500
Fax: 317-334-1552
TLF Job No: 2025-363

ISSUED FOR BID

CHRISTOPHER S. GRANT REGISTERED No. PE10606090 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: PMR

PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

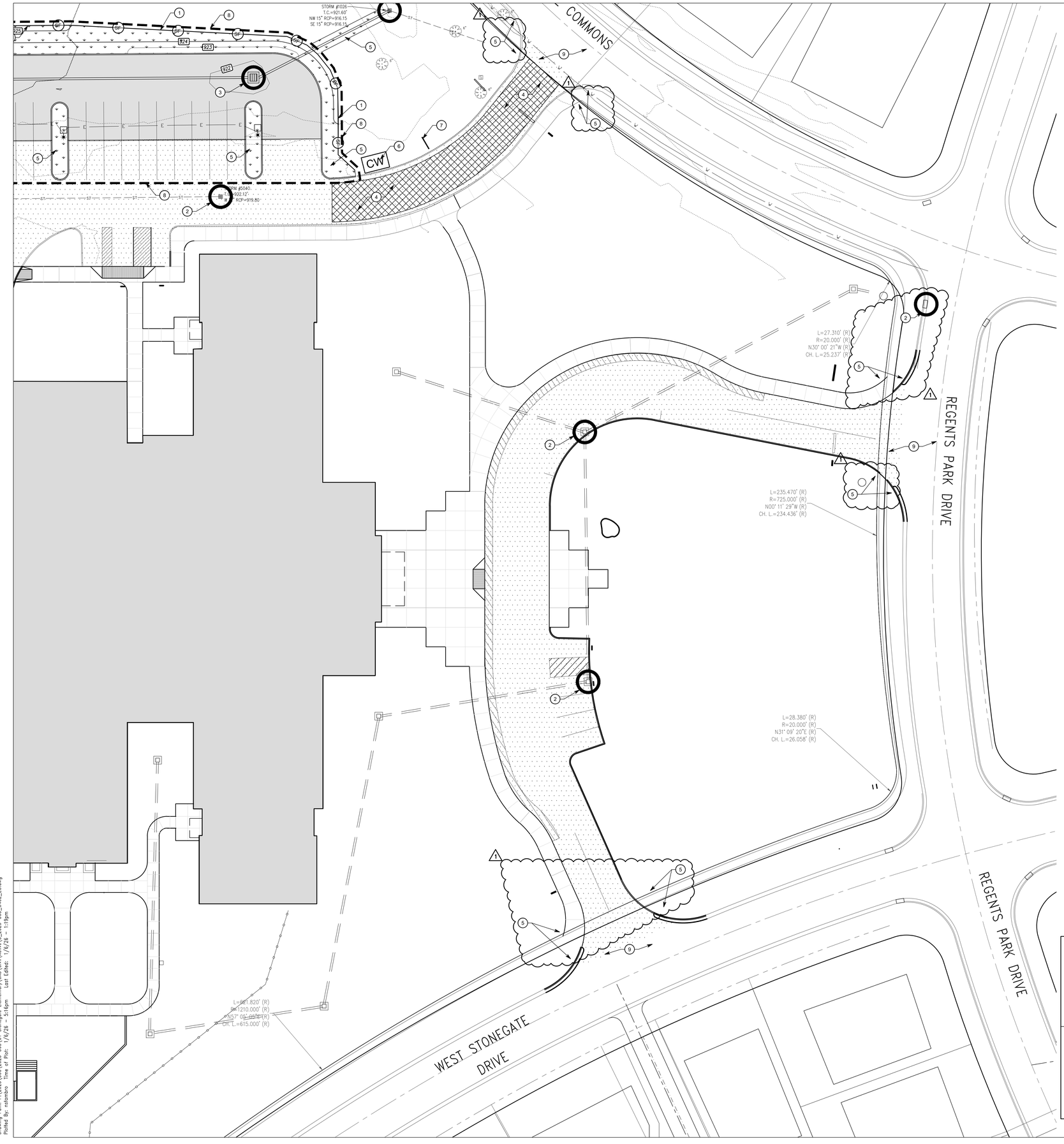
PROJECT ISSUE DATE: 12.11.2025

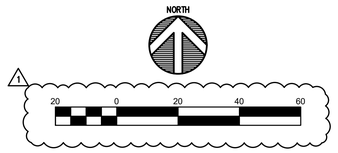
REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	ADDENDUM 2	01.08.26

EROSION CONTROL PLAN - AREA B

SG-G3-02

Drawing Path: P:\2025\300\2025-363\01 Stonegate Elementary\CAD\Civil\Active\5_2025-363_C402_Ec.dwg
Plotted By: rstormes Time of Plot: 1/6/26 - 5:05pm Last Edited: 1/6/26 - 1:19pm





GENERAL NOTES

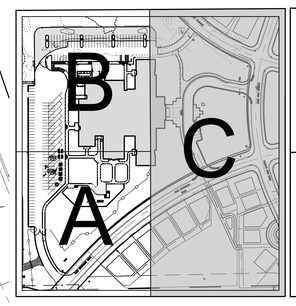
1. SEE DRAWING SG-G1-00 FOR EXISTING CURB AND SIDEWALK CONDTION ASSESSMENT.
2. ALL SIDEWALKS AND CURBS TO BE REPLACED WILL BE SAWCUT AT NEAREST CONTROL JOINT SO THAT THE ENTIRE SECTION CAN BE REPLACED.
3. ALL EXPANSION JOINTS SHALL BE COMPLETELY REMOVED AND REPLACED WITH NEW EXPANSION JOINT MATERIAL AND FILLER.
4. ALL PARKING LOT STRIPING AND PAVEMENT MARKINGS ON RESURFACED AREAS SHALL BE REPLACED TO MATCH EXISTING.
5. PLAYGROUNDS AND PUBLIC SIDEWALKS ARE NOT INCLUDED IN THE SCOPE OF THIS PROJECT.
6. SEED ALL LAWN AREAS DISTURBED BY CONSTRUCTION PER SPECIFICATIONS.

○ EROSION CONTROL KEYNOTES

1. SILT FENCE - SEE DETAIL A/SG-G4-01
2. INLET SEDIMENT PROTECTION (BAG INSERT FOR EXISTING INLETS) - SEE DETAIL B/SG-G4-01
3. INLET SEDIMENT PROTECTION (SILT FENCE FOR NEW INLETS) - SEE DETAIL C/SG-G4-01
4. CONSTRUCTION ENTRANCE (CONSTRUCTION TRAFFIC WILL UTILIZE THE EXISTING ASPHALT PAVEMENT DRIVE)
5. SEED DISTURBED AREAS
6. CONCRETE WASHOUT - SEE DETAIL D/SG-G4-01
7. SWPPP INFORMATION BOARD - SEE DETAIL E/SG-G4-01
8. CONSTRUCTION LIMITS
9. DURING CONSTRUCTION KEEP PAVEMENT AND SIDEWALKS CLEAN AND WORK AREAS IN AN ORDERLY CONDITION. CLEAN WHEELS OF VEHICLES BEFORE LEAVING SITE TO AVOID TRACKING SOIL ONTO ROADS OR OTHER PAVED AREAS.

EROSION CONTROL LEGEND

- INLET PROTECTION
- APPROXIMATE LIMITS OF CONSTRUCTION
- APPROXIMATE LIMITS OF TEMPORARY SEEDING
- LIMITS OF FULL-DEPTH REPLACEMENT OF EXISTING PAVEMENT
- CW — INDICATES LOCATION OF CONCRETE WASHOUT
- PT — INDICATES LOCATION OF PORTABLE TOILETS
- SF — SILT FENCE



811

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PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

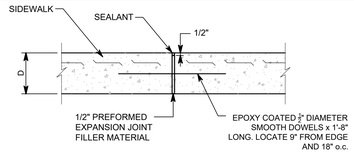
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	ADDENDUM 2	01.08.26

EROSION CONTROL PLAN - AREA C

SG-G3-03

Drawing Path: P:\2025\363\2025-363\01 Stonegate Elementary\CAD\Civil\Active\S_2025-363_C402_EC.dwg
Plotted By: rsilencio Time of Plot: 1/9/26 - 3:15pm Last Edited: 1/9/26 - 1:19pm

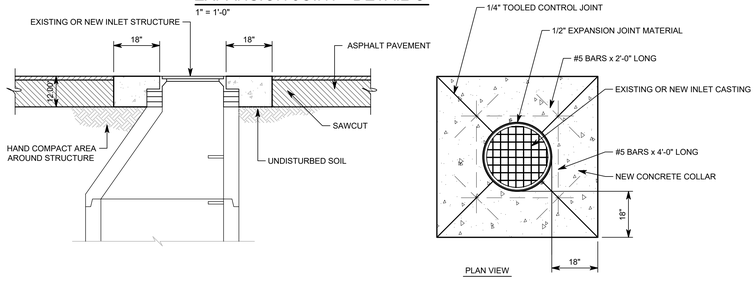


NOTES:

1. CONTROL JOINTS, EXPANSION JOINTS AND EDGES OF SIDEWALK SHALL BE HAND-TOOLED AFTER EACH FINISHING OPERATION.
2. PROVIDE EXPANSION JOINT AT INTERSECTION WITH ANOTHER SIDEWALK, BETWEEN WALKS AND BUILDINGS AND AT SUCH OTHER POINTS AS INDICATED ON THE DRAWINGS.
3. SIDEWALK SHALL HAVE 1/2" EXP. JTS. @ 48' MAX. & CONTROL JOINTS @ 6' MAX.

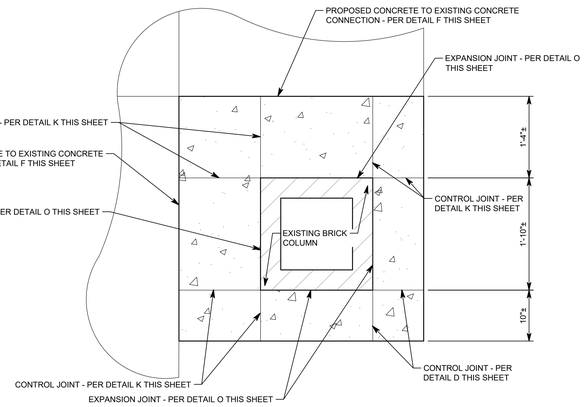
CONCRETE SIDEWALK EXPANSION JOINT - DETAIL O

1" = 1'-0"



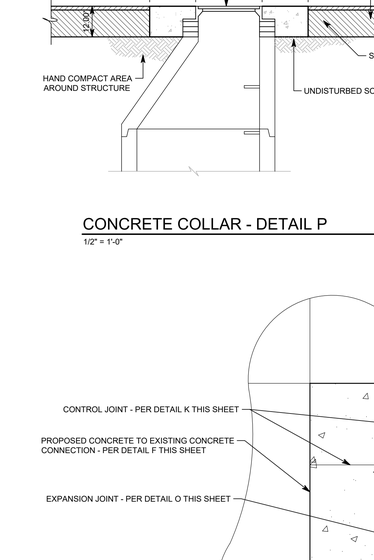
CONCRETE COLLAR - DETAIL P

1/2" = 1'-0"



COLUMN CONTROL JOINT - DETAIL Q

1" = 1'-0"

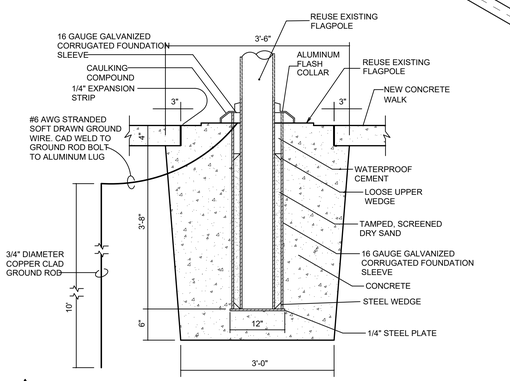


NOTES:

1. SIGN SHALL BE PER MUTCD STANDARDS AND SPECIFICATIONS SECTION 12 9300 SITE IMPROVEMENTS AND AMENITIES.

HANDICAP PARKING SIGN - DETAIL R

NO SCALE

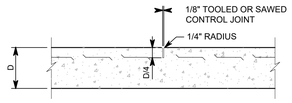


NOTES:

1. METAL FOUNDATION TUBE: MANUFACTURER'S STANDARD CORRUGATED-STEEL FOUNDATION TUBE, 0.060-INCH (1.52-MM) WALL THICKNESS WITH 3/16-INCH (4.8-MM) STEEL BOTTOM PLATE AND SUPPORT PLATE; 3/4-INCH- (19-MM-) DIAMETER, STEEL GROUND SPIKE; AND STEEL CENTERING WEDGES WELDED TOGETHER. GALVANIZE FOUNDATION TUBE AFTER ASSEMBLY. FURNISH LOOSE HARDWOOD WEDGES AT TOP OF FOUNDATION TUBE FOR PLUMBING POLE.
2. FOUNDATION TUBE: PLACE FOUNDATION TUBE, CENTER, AND BRACE TO PREVENT DISPLACEMENT DURING CONCRETING. PLACE CONCRETE. PLUMB AND LEVEL FOUNDATION TUBE AND ALLOW CONCRETE TO CURE.
3. FOUNDATION TUBE: PLACE FLAGPOLE IN TUBE, SEATED ON BOTTOM PLATE BETWEEN STEEL CENTERING WEDGES, AND INSTALL HARDWOOD WEDGES TO SECURE FLAGPOLE IN PLACE. PLACE AND COMPACT SAND IN FOUNDATION TUBE AND REMOVE HARDWOOD WEDGES. SEAL TOP OF FOUNDATION TUBE WITH A 2-INCH (50-MM) LAYER OF ELASTOMETRIC JOINT SEALANT AND COVER WITH FLASHING COLLAR.
4. REFER TO SPECIFICATIONS SECTION 12 9300 SITE IMPROVEMENTS AND AMENITIES.

FLAG POLE FOUNDATION - DETAIL S

NO SCALE (40' POLE)

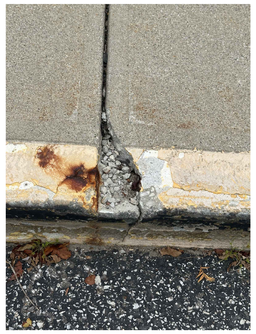


NOTES:

1. CONTROL JOINTS, EXPANSION JOINTS AND EDGES OF SIDEWALK SHALL BE HAND-TOOLED AFTER EACH FINISHING OPERATION.
2. PROVIDE EXPANSION JOINT AT INTERSECTION WITH ANOTHER SIDEWALK, BETWEEN WALKS AND BUILDINGS AND AT SUCH OTHER POINTS AS INDICATED ON THE DRAWINGS.
3. SIDEWALK SHALL HAVE 1/2" EXP. JTS. @ 48' MAX. & CONTROL JOINTS @ 6' MAX.

CONCRETE SIDEWALK CONTROL JOINT - DETAIL K

1" = 1'-0"

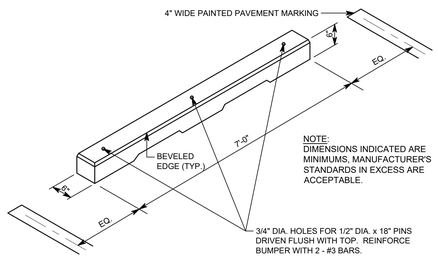


CONCRETE REPAIR NOTES:

1. REPAIR DAMAGED AREA OF CONCRETE CURB USING SPEED CRETE RED LINE CONCRETE REPAIR MATERIAL BY EUCLID CHEMICAL COMPANY.
2. REMOVE ALL LOOSE AND UNSOUND CONCRETE.
3. CLEAN AND PREPARE ANY EXPOSED EMBEDDED REINFORCING STEEL.
4. AREAS TO RECEIVE CONCRETE REPAIR SHALL BE STRUCTURALLY SOUND AND FREE FROM DETERIORATED CONCRETE, DUST, DIRT, DEBRIS, LOOSENED CONCRETE AND AGGREGATES.
5. INSTALL SPEED CRETE RED LINE REPAIR MATERIAL.
6. CURE SPEED CRETE RED LINE REPAIR MATERIAL.
7. COMPLETE ALL WORK IN ACCORDANCE WITH MANUFACTURERER'S WRITTEN INSTRUCTIONS.

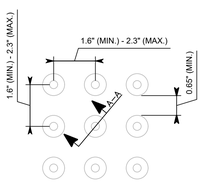
CONCRETE REPAIR - DETAIL L

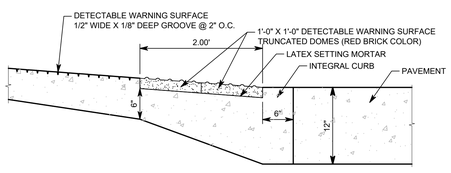
NTS



PARKING BUMPER - DETAIL T

NO SCALE



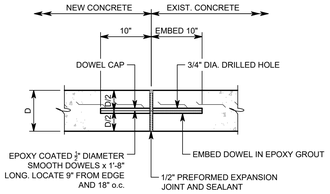


NOTES:

1. DETECTABLE WARNING PAVER AVAILABLE FROM HANOVER ARCHITECTURAL PRODUCTS (RED 15), OR APPROVED EQUAL.

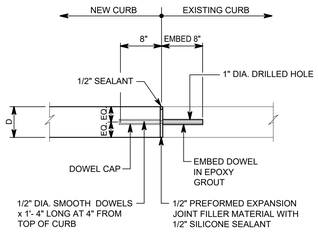
DETECTABLE WARNING PAVERS - DETAIL N

NO SCALE



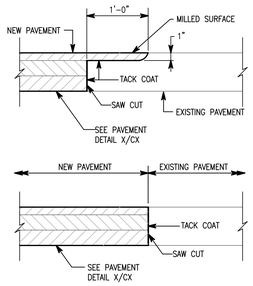
CONCRETE CONNECTION - DETAIL F

1" = 1'-0"



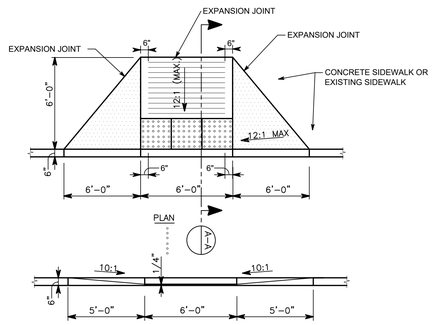
CONCRETE CURB CONNECTION - DETAIL G

1" = 1'-0"



PAVEMENT INTERFACE - DETAIL H

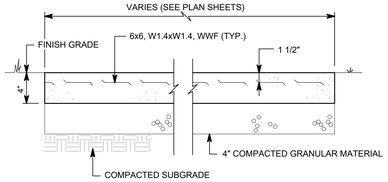
SCALE: 1"=1'-0"



ADA RAMP - TYPE 1 - DETAIL J

1/4"=1'-0"

IMBEDDED ADA COMPLIANT DETECTABLE WARNING SURFACE POLYMER PANELS WITH CORROSION RESISTANT ANCHORS AND STAINLESS STEEL FASTENERS SET FLUSH WITH SURROUNDING CONCRETE SURFACES

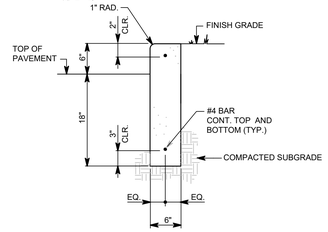


NOTES:

1. CONTROL JOINTS, EXPANSION JOINTS AND EDGES OF SIDEWALK SHALL BE HAND-TOOLED AFTER EACH FINISHING OPERATION.
2. PROVIDE EXPANSION JOINT AT INTERSECTION WITH ANOTHER SIDEWALK, BETWEEN WALKS AND BUILDINGS AND AT SUCH OTHER POINTS AS INDICATED ON THE DRAWINGS.
3. SIDEWALK SHALL HAVE 1/2" EXP. JTS. @ 48' MAX. & CONTROL JOINTS @ 6' MAX.

CONCRETE SIDEWALK - DETAIL A

1 1/2" = 1'-0"

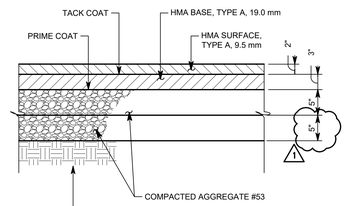


NOTE

CURB SHALL HAVE 1/2" EXPANSION JOINTS @ 80-0" MAX. & @ ENDS OF RADII. CONTROL JOINTS SHALL BE PLACED @ 10'-0 MAX. UNLESS OTHERWISE NOTED.

STRAIGHT CONCRETE CURB - DETAIL B

1" = 1'-0"

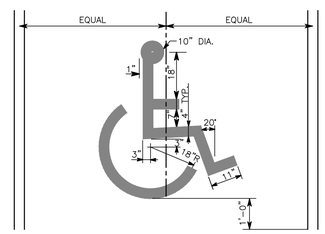


NOTES:

1. GEOTECHNICAL ENGINEER SHALL BE PRESENT DURING PROOFROLL TEST.
2. AREAS THAT FAIL PROOFROLL WILL REQUIRE RECOMPACTION OF THE STONE BASE AND/OR STABILIZATION OF THE SUBGRADE PER INDOT SEC. 207. AND A SUCCESSFUL PROOFROLL PRIOR TO REPAVING. 1

NEW PARKING LOT ADDITION, LIGHT DUTY PAVEMENT - DETAIL C

1" = 1'-0"

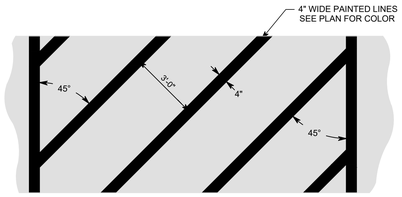


NOTE:

1. SEE SPECIFICATIONS SECTION 321723 FOR PAINT REQUIREMENTS.

PAINTED A.D.A. SYMBOL - DETAIL D

NONE



PAINTED PARKING ISLANDS - DETAIL E

NO SCALE

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PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

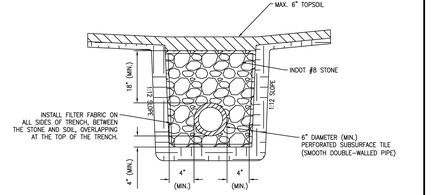
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	ADDENDUM 2	01.08.26

PROPOSED SITE DETAILS

SG-G4-00

Drawing Path: P:\2025_Jobs\2025-363\01 Stonegate Elementary\CAD\Civil Active\8_2025-363_C601_S0.dwg
Plotted By: rstumbo Time of Plot: 1/6/26 - 4:45pm Last Edited: 1/6/26 - 2:49pm



NOT TO SCALE

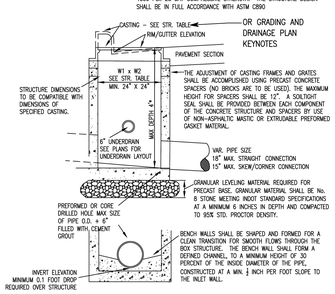
DETAIL I

ZIONSVILLE	BEDDING AND BACKFILL SUBSURFACE DRAINS STANDARD CONSTRUCTION DETAILS TOWN OF ZIONSVILLE	DRAWN: AMF DATE: JULY 2024 DETAIL NO. ST-10

STRUCTURE SIZING CHART

INSIDE DIMENSIONS	INLET TYPE	COMMENTS
24" X 24"	"A"	18" MAX. STRAIGHT CONNECT 15° MAX. SKEW/CORNER
24" X 36"	"M"	18" MAX. SHORT WALL STRAIGHT CONNECT 27" MAX. LONG WALL STRAIGHT CONNECT 15° MAX. SHORT WALL/SKEW, CORNER 18" MAX. LONG WALL/SKEW, CORNER
30" X 30"	"B"	24" MAX. STRAIGHT CONNECT 15° MAX. SKEW/CORNER

GENERAL NOTES:
STORM BOX STRUCTURES SHALL BE PRECAST CONCRETE CLASS A WITH A 4000 PSI, 28 DAY COMPRESSIVE STRENGTH. THE STRUCTURE DESIGN SHALL BE IN FULL ACCORDANCE WITH ASTM C890



THE ADJUSTMENT OF CASTING FRAMES AND GRATES SHALL BE ACCOMPLISHED USING PRECAST CONCRETE SPACERS (NO BRICKS ARE TO BE USED). THE MAXIMUM HEIGHT FOR SPACERS SHALL BE 12". A SOLITIGHT SEAL SHALL BE PROVIDED BETWEEN EACH COMPONENT OF THE CONCRETE STRUCTURE AND SPACERS BY USE OF NON-ASPHALTIC MASTIC OR EXTRUDABLE PREFORMED GASKET MATERIAL.

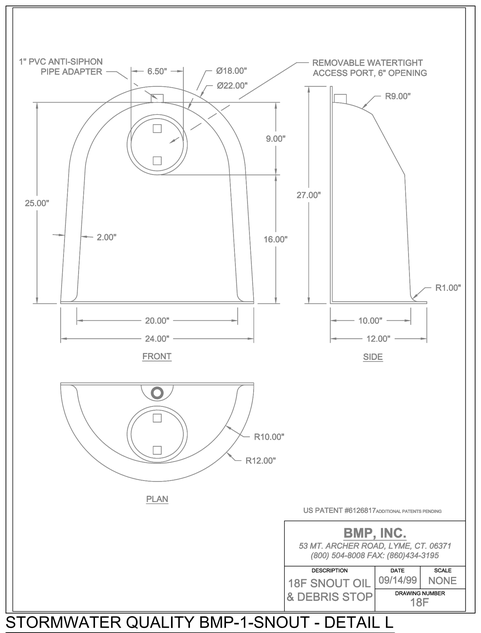
NOT TO SCALE

NOTES:
1. ALL STRUCTURE JOINTS SHALL BE SLICKED WITH NON-SHRINK GROUT.
2. INLET STRUCTURES WITH MULTIPLE CASTINGS SHALL HAVE A CONCRETE TOP SLAB THAT SUPPORTS EACH CASTING ON ALL SIDES.

*INLET STRUCTURES DEEPER THAN 4' MAY BE ALLOWED ON A CASE-BY-CASE BASIS. ALL STRUCTURES DEEPER THAN 4' SHALL HAVE STEPS AND BE LARGE ENOUGH FOR FULL MAN ENTRY.

DETAIL F

ZIONSVILLE	STORM BOX STRUCTURE STANDARD CONSTRUCTION DETAILS TOWN OF ZIONSVILLE	DRAWN: AMF DATE: JULY 2024 DETAIL NO. ST-2



US PATENT #6126817 ADDITIONAL PATENTS PENDING

BMP, INC.
53 MT. ARCHER ROAD, LYME, CT. 06371
(800) 504-8008 FAX: (860)434-3195

DESCRIPTION	DATE	SCALE
18F SNOUT OIL & DEBRIS STOP	09/14/99	NONE
	DRAWING NUMBER 18F	

STORMWATER QUALITY BMP-1-SNOUT - DETAIL L

NONE

NOTES:
1. INSTALL BOTTOM OF HOOD 2" BELOW THE INVERT OF PIPE.

SEASONAL SOIL PROTECTION CHART

STABILIZATION PRACTICE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			A						*/\/			
DORMANT SEEDING	B									B		
TEMPORARY SEEDING			C		E			D				
SODDING			F**									
MULCHING	G											

A = SEE SPECIFICATIONS FOR PERMANENT SEEDING REQUIREMENTS.

B = KENTUCKY BLUEGRASS 120 LBS/ACRE; CREEPING RED FESCUE 120 LBS/ACRE; PLUS 2 TONS STRAW MULCH/ACRE, OR ADD ANNUAL RYE GRASS 30 LBS/ACRE FERTILIZE AS RECOMMENDED BY SOIL TEST. IF TESTING IS NOT DONE, APPLY 400-600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

C = SPRING OATS 3 BUSHELS/ACRE
FERTILIZE AS RECOMMENDED BY SOIL TEST. IF TESTING IS NOT DONE, APPLY 400-600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

D = WHEAT OR RYE 2 BUSHELS/ACRE
FERTILIZE AS RECOMMENDED BY SOIL TEST. IF TESTING IS NOT DONE, APPLY 400-600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

E = ANNUAL RYE GRASS 40 LBS/ACRE (1 LB/1000 SQ. FT.)
FERTILIZE AS RECOMMENDED BY SOIL TEST. IF TESTING IS NOT DONE, APPLY 400-600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

F = SOD

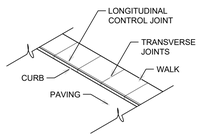
G = STRAW MULCH 2 TONS/ACRE

* /\/ * = IRRIGATION NEEDED DURING JUNE, JULY, AUGUST AND/OR SEPTEMBER

** = IRRIGATION NEEDED FOR 2 WEEKS AFTER SUPPLYING SOD

SEASONAL SOIL PROTECTION CHART - DETAIL E

NONE



NOTES:
1. CURB SHALL HAVE 1/2" EXPANSION JOINTS AT 48'-0" MAX. AND AT ENDS OF RADII. CONTROL JOINTS AT 6'-0" MAX. UNLESS OTHERWISE NOTED.
2. CONTROL JOINTS SHALL BE CUT 1/4 DEPTH OF TOTAL THICKNESS OF SLAB.
3. FIBER ADDITIVE: VIRGIN NYLON FIBERS. 3/4" LENGTH NYCON BY NYCON, INC., OR FORTA NYLON BY FORTA CORPORATION, ADDED AT THE BATCH PLANT AT 1 LB. PER CU. YD. OF CONCRETE.

MONOLITHIC CURB AND WALK - DETAIL J

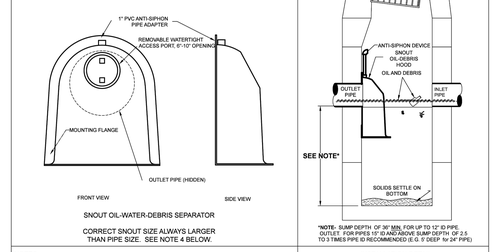
1" = 1'-0" (18" CURB)

NOTES:
1. PAVEMENT DEMO APPLIES TO ASPHALT PAVEMENT REMOVAL ONLY.
2. AFTER EXISTING PAVEMENT HAS BEEN REMOVED, STONE BASE SHALL BE PROOFROLLED. AREAS THAT PASS PROOFROLL CAN BE RE-PAVED
3. AREAS THAT FAIL PROOFROLL WILL REQUIRE RECOMPACTION OF THE STONE BASE AND/OR STABILIZATION OF THE SUBGRADE PER INDOT SEC. 207. AND A SUCCESSFUL PROOFROLL PRIOR TO REPAVING.
4. GEOTECHNICAL ENGINEER SHALL BE PRESENT DURING PROOFROLL TEST.
5. MEDIUM DUTY PAVEMENT TO BE PROVIDED AT ALL FULL DEPTH PAVEMENT REPLACEMENT.

3 PAVEMENT REPLACEMENT - MEDIUM DUTY PAVEMENT - DETAIL M

1" = 1'-0"

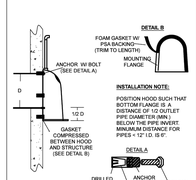
2 3



NOTES:
1. ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY:
BEST MANAGEMENT PRODUCTS, INC.
9 MATHEWS DRIVE, UNIT A1-A2.
EAST HADDAM, CT 06423
TOLL FREE: (800) 504-8008 OR (888) 434-0277, FAX: (877) 434-3197
WEB SITE: www.bmpinc.com
OR PRE-APPROVED EQUAL
2. ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
3. ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT PIPE AND ELBOW AS DRAWN. (SEE CONFIGURATION DETAIL)
4. THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION. NOTE: THE CORRECT SNOUT SIZE WILL ALWAYS BE LARGER THAN NOMINAL PIPE SIZE (E.G. 12" ID PIPE REQS. 18 SERIES SNOUT OR LARGER).
5. THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A MINIMUM DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D.
6. THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL AND PIPE SHALL BE FINISHED FLUSH TO WALL.
7. THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 12" ACCORDING TO STRUCTURE CONFIGURATION.
8. ALL STRUCTURE JOINTS SHALL BE WATERTIGHT.
9. THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH ¾" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
10. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT.
INSTALLATION KIT SHALL INCLUDE:
A. INSTALLATION INSTRUCTIONS
B. PVC ANTI-SIPHON VENT PIPE AND ADAPTER
C. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
D. 3/8" STAINLESS STEEL BOLTS
E. ANCHOR SHIELDS

US Patent # 6126817, 7951294, 7857966, 8512556
Canada Patent # 2285146, 2690156, 2690156 others pending

INSTALLATION DETAIL



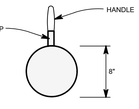
HOOD SPECIFICATION FOR CATCH BASINS AND WATER QUALITY STRUCTURES

DESCRIPTION	DATE	SCALE
OIL- DEBRIS HOOD SPECIFICATION AND INSTALLATION (TYPICAL)	01/08/20	NONE
	DRAWING NUMBER SP-SN	

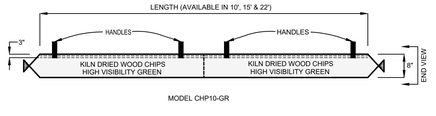
DETAIL N

NO SCALE

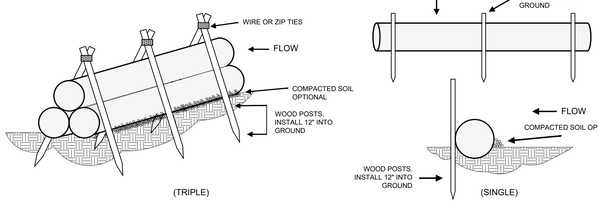




END VIEW



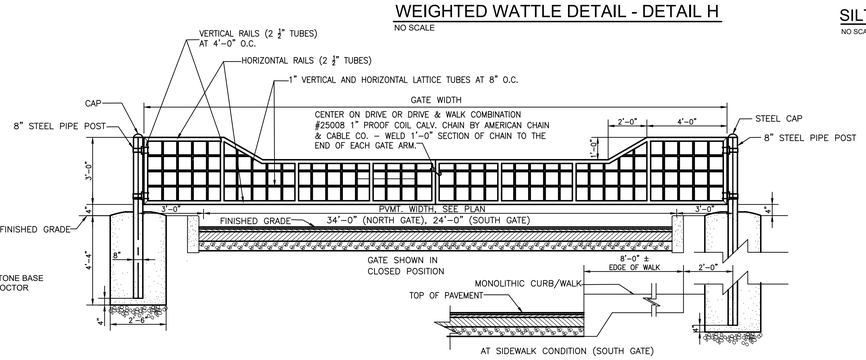
MODEL CHP10-GR



MODEL CHP10-GR

WEIGHTED WATTLE DETAIL - DETAIL H

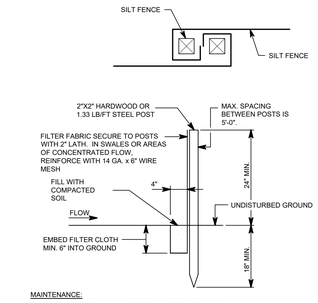
NO SCALE



TRAFFIC CONTROL GATE - DETAIL K

NO SCALE

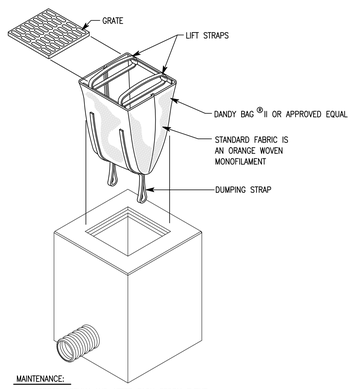
NOTES:
1. GATE TO BE BARRIER GATE BY BASTEEL PERIMETER SYSTEMS OR ENGINEER APPROVED EQUAL.



MAINTENANCE:
1. INSPECT WEEKLY AND AFTER EACH STORM EVENT.
2. IF FABRIC IS TORN OR DETERIORATED, REPLACE SECTION IMMEDIATELY.
3. REMOVE SEDIMENT WHEN HEIGHT REACHES 1/3 OF OF THE HEIGHT OF THE FENCE OR IS CAUSING FABRIC TO BULGE.
4. TAKE CARE NOT TO UNDERMINE THE ENTRENCHED FABRIC.
5. AFTER DRAINAGE AREA IS STABILIZED, REMOVE FENCE AND SEDIMENT, BRING DISTURBED AREA TO GRADE AND STABILIZE IT.

SILT FENCE - DETAIL A

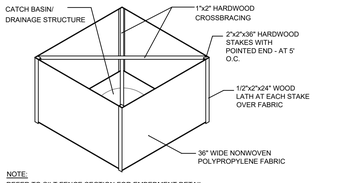
NO SCALE



MAINTENANCE:
1. INSPECT WEEKLY AND AFTER EACH STORM EVENT.
2. IF FABRIC IS TORN OR DETERIORATED, REPLACE IMMEDIATELY.
3. REMOVE SEDIMENT ON A REGULAR SCHEDULE
4. AFTER DRAINAGE AREA IS STABILIZED, REMOVE SEDIMENT BAG

AREA INLET SEDIMENT BAG - DETAIL B

NONE

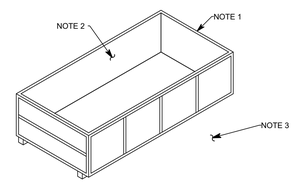


NOTE:
REFER TO SILT FENCE SECTION FOR EMBEDMENT DETAIL

MAINTENANCE:
1. INSPECT WEEKLY AND AFTER EACH STORM EVENT.
2. IF FABRIC IS TORN OR DETERIORATED, REPLACE SECTION IMMEDIATELY.
3. REMOVE SEDIMENT WHEN HEIGHT REACHES 1/3 OF THE HEIGHT OF THE FENCE OR IS CAUSING FABRIC TO BULGE.
4. TAKE CARE NOT TO UNDERMINE THE ENTRENCHED FABRIC.
5. AFTER DRAINAGE AREA IS STABILIZED, REMOVE FENCE AND SEDIMENT, BRINGING DISTURBED AREA TO GRADE AND STABILIZE IT.

SILT FENCE INLET PROTECTION - DETAIL C

NO SCALE



NOTES:
1. PROVIDE 10 YD. OR 15 YD. ROLL OFF DUMPSTER FOR STORAGE OF CONCRETE WASHOUT MATERIAL. SERVICE DUMPSTER WHEN APPROACHING 2/3 FULL USING CARE SO THAT GREY WATER IS NOT SPILLED OUT WHEN DUMPSTER IS MOVED.
2. PROVIDE LEAKPROOF (10 MIL MIN.) PLASTIC LINER.
3. LOCATE DUMPSTER IN DESIGNATED AND APPROVED LOCATION

STANDARD WASHOUT - DETAIL D

NONE

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

STONEGATE ELEMENTARY SCHOOL
7312 W. Stonegate Drive
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY

317.848.0966 WWW.FHAI.COM
350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

CONSULTANT

TLF

TLF, INC.
3901 West 86th Street, Suite 200
Indianapolis, Indiana 46268
Phone: 317-334-1500
Fax: 317-334-1552
TLF Job No: 2025-363

ISSUED FOR BID

KRISTOPHER S. GRANT REGISTERED No. PE10606090 STATE OF INDIANA PROFESSIONAL ENGINEER

DRAWN BY: PMR

PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

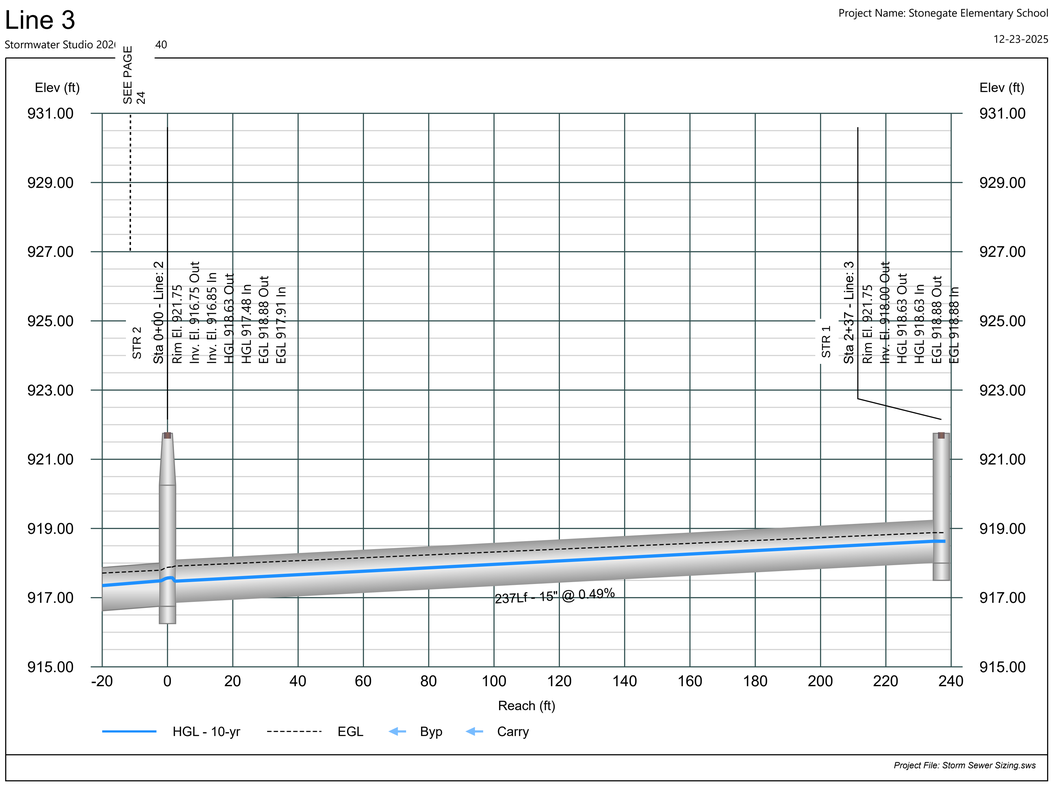
PROJECT ISSUE DATE: 12.11.2025

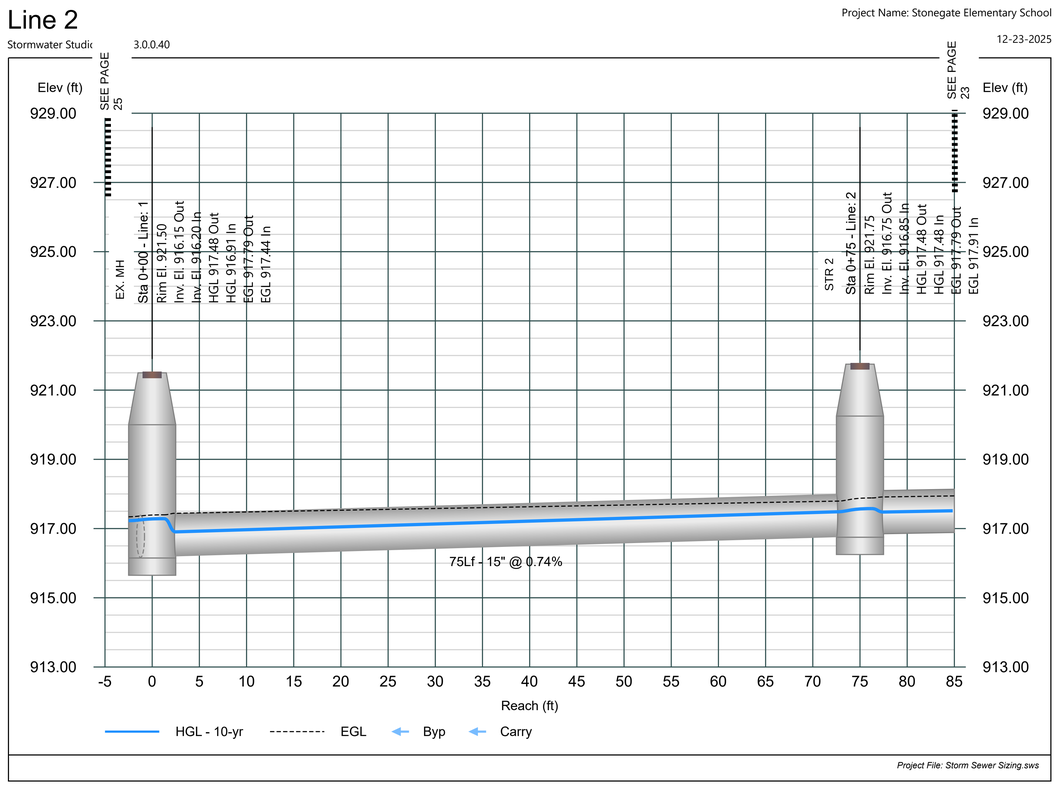
REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.11.25
1	ADDENDUM 1	12.22.25
2	TAC RESPONSE 1	12.23.25
3	ADDENDUM 2	01.08.26

SITE DETAILS

SG-G4-01

Drawing Path: P:\2025\300\2025-3451\01 Stonegate Elementary\CAD\Civil\Active\8_2025-363_C403_SD2.dwg
Plotted By: rstanmeo Time of Plot: 1/6/26 - 4:23pm Last Edited: 1/6/26 - 3:25pm





Structure 1 - Structure 2

Structure 2 - Existing Manhole

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

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7312 W. Stonegate Drive
Zionsville, IN 46077

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FANNING HOWEY

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350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

CONSULTANT

TLF

TLF, INC.
3901 West 86th Street, Suite 200
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PROJECT NUMBER: 224035.00 (TLF JOB #2025-363-01)

PROJECT ISSUE DATE: 12.11.2025

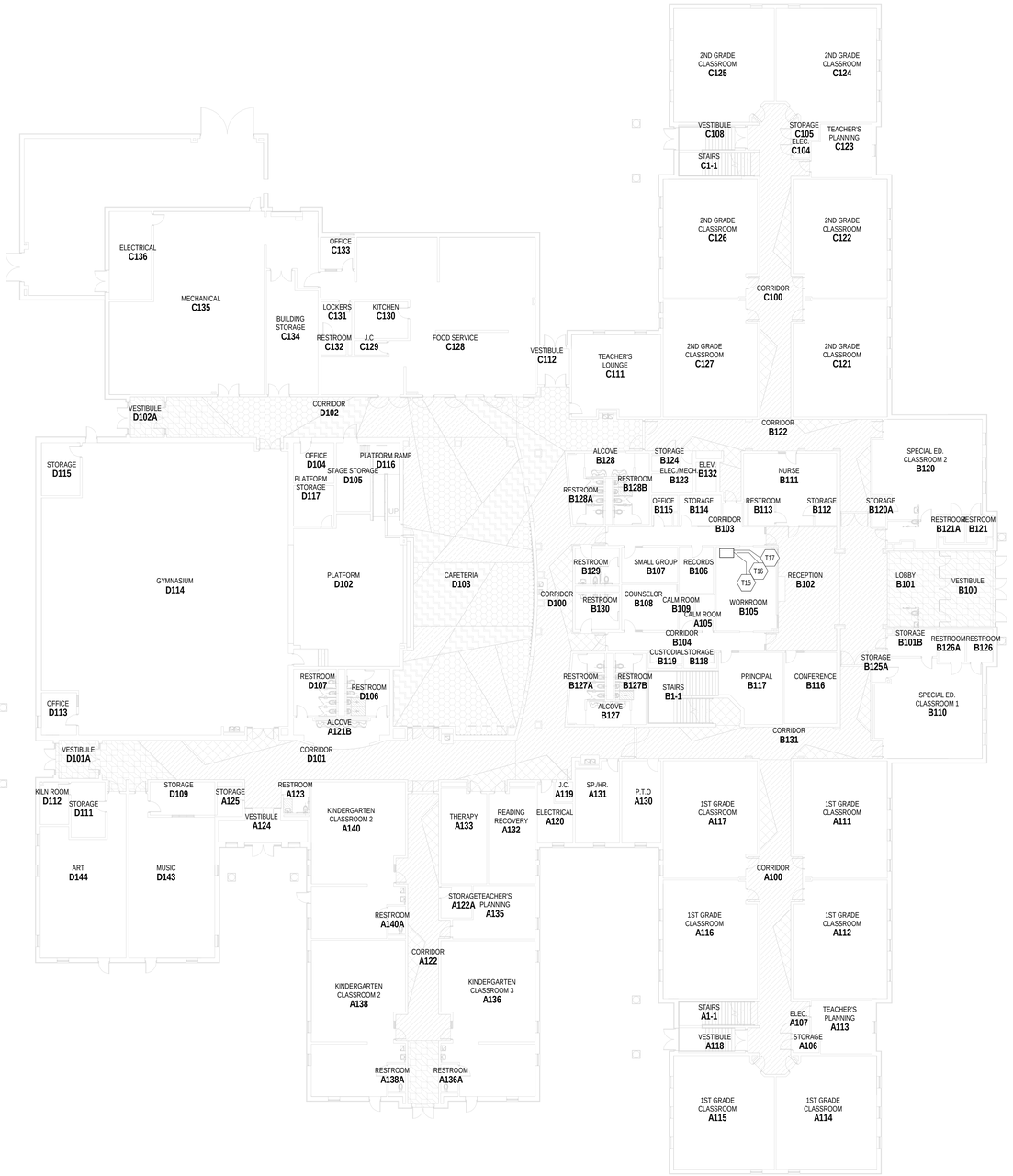
REV. NO.	DESCRIPTION	DATE
N/A	ISSUED FOR BID	12.23.25
1	TAC RESPONSE 1	12.23.25
2	ADDENDUM 2	01.08.26

STORM PROFILES

2
1

SG-G4-02

Drawing Path: P:\2025\300\2025-363\01 Stonegate Elementary\CAD\Civil\Active\8.1_2025-363_C700- Storm Profiles.dwg
Plotted By: clite Time of Plot: 12/23/25 - 9:55am Last Edited: 12/23/25 - 9:40am



1 FIRST FLOOR TECHNOLOGY PLAN

SCALE: 1/16" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A1-1		STAIRS	153 SF
A100		CORRIDOR	934 SF
A105		CALM ROOM	56 SF
A106		STORAGE	32 SF
A107		ELEC.	22 SF
A111		1ST GRADE CLASSROOM	869 SF
A112		1ST GRADE CLASSROOM	878 SF
A113		TEACHER'S PLANNING	250 SF
A114		1ST GRADE CLASSROOM	891 SF
A115		1ST GRADE CLASSROOM	891 SF
A116		1ST GRADE CLASSROOM	878 SF
A117		1ST GRADE CLASSROOM	869 SF
A118		VESTIBULE	134 SF
A119		J.C.	28 SF
A120		ELECTRICAL	141 SF
A121B		ALCOVE	191 SF
A122		CORRIDOR	862 SF
A122A		STORAGE	81 SF
A123		RESTROOM	64 SF
A124		VESTIBULE	189 SF
A125		STORAGE	57 SF
A130		P.T.O.	260 SF
A131		SP./HR.	276 SF
A132		READING RECOVERY	350 SF
A133		THERAPY	345 SF
A135		TEACHER'S PLANNING	300 SF
A136		KINDERGARTEN CLASSROOM 3	1091 SF
A136A		RESTROOM	39 SF
A138		KINDERGARTEN CLASSROOM 2	1095 SF
A138A		RESTROOM	39 SF
A140		KINDERGARTEN CLASSROOM 2	1098 SF
A140A		RESTROOM	39 SF
B1-1		STAIRS	330 SF
B100		VESTIBULE	326 SF
B101		LOBBY	845 SF
B101A		STORAGE	92 SF
B101B		STORAGE	91 SF
B102		RECEPTION	637 SF
B103		CORRIDOR	271 SF
B104		CORRIDOR	234 SF
B105		WORKROOM	410 SF
B106		RECORDS	129 SF
B107		SMALL GROUP	161 SF
B108		COUNSELOR	208 SF
B109		CALM ROOM	44 SF
B110		SPECIAL ED. CLASSROOM 1	808 SF
B111		NURSE	431 SF
B112		STORAGE	38 SF
B113		RESTROOM	51 SF
B114		STORAGE	102 SF
B115		OFFICE	57 SF
B116		CONFERENCE	300 SF
B117		PRINCIPAL	321 SF
B118		STORAGE	40 SF
B119		CUSTODIAL	41 SF
B120		SPECIAL ED. CLASSROOM 2	819 SF
B120A		STORAGE	33 SF
B121		RESTROOM	54 SF
B121A		RESTROOM	54 SF
B122		CORRIDOR	833 SF
B123		ELEC./MECH.	84 SF
B124		STORAGE	35 SF
B125A		STORAGE	35 SF
B126		RESTROOM	54 SF
B126A		RESTROOM	55 SF
B127		ALCOVE	89 SF
B127A		RESTROOM	160 SF
B127B		RESTROOM	144 SF
B128		ALCOVE	95 SF
B128A		RESTROOM	153 SF
B128B		RESTROOM	161 SF
B129		RESTROOM	128 SF
B130		RESTROOM	128 SF
B131		CORRIDOR	760 SF
B132		ELEV.	48 SF
C1-1		STAIRS	156 SF
C100		CORRIDOR	929 SF
C104		ELEC.	22 SF
C105		STORAGE	32 SF
C108		VESTIBULE	134 SF
C111		TEACHER'S LOUNGE	578 SF
C112		VESTIBULE	99 SF
C121		2ND GRADE CLASSROOM	869 SF
C122		2ND GRADE CLASSROOM	878 SF
C123		TEACHER'S PLANNING	250 SF
C124		2ND GRADE CLASSROOM	891 SF
C125		2ND GRADE CLASSROOM	891 SF
C126		2ND GRADE CLASSROOM	878 SF
C127		2ND GRADE CLASSROOM	869 SF
C128		FOOD SERVICE	2204 SF
C129		J.C	38 SF
C130		KITCHEN	159 SF
C131		LOCKERS	79 SF
C132		RESTROOM	39 SF
C133		OFFICE	88 SF
C134		BUILDING STORAGE	480 SF
C135		MECHANICAL	2240 SF
C136		ELECTRICAL	300 SF
D100		CORRIDOR	1807 SF
D101		CORRIDOR	1487 SF
D101A		VESTIBULE	124 SF
D102		CORRIDOR	1172 SF
D102		PLATFORM	1247 SF
D102A		VESTIBULE	114 SF
D103		CAFETERIA	2964 SF
D104		OFFICE	133 SF
D105		STAGE STORAGE	217 SF
D106		RESTROOM	161 SF
D107		RESTROOM	161 SF
D109		STORAGE	173 SF
D111		STORAGE	151 SF
D112		KILN ROOM	97 SF
D113		OFFICE	120 SF
D114		GYMNASIUM	5442 SF
D115		STORAGE	165 SF
D116		PLATFORM RAMP	147 SF
D117		PLATFORM STORAGE	133 SF
D143		MUSIC	1012 SF
D144		ART	920 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(X)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T15	LOCATION OF EXISTING DUKANE INTERCOM HEADEND CABINET TO REPLACE.
T16	REPLACE EXISTING CABINET AND HEADEND EQUIPMENT WITH A NEW CAREHAWK CH1000X UNIT TO MATCH DISTRICT STANDARD. ALL EXISTING SPEAKERS AND WIRING ARE TO BE REUSED.
T17	INCLUDE 16 ADDITIONAL LABOR HOURS FOR TESTING AND TROUBLESHOOTING OF TOTATL SYSTEM AFTER CHANGEOVER.

1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

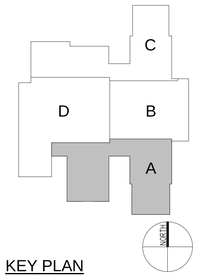
2026 IMPROVEMENTS

Stonegate Elementary School:
7312 W. Stonegate Dr,
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

FANNING HOWEY
317.848.0966 WWW.FHAI.COM
350 E. New York St. #300, Indianapolis, IN 46204



KEY PLAN

ISSUED FOR BID

BRIAN W. BUTLER REGISTERED No. PE10800078 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JAM

DRAWN BY: CDT

PROJECT NUMBER: 224035.00

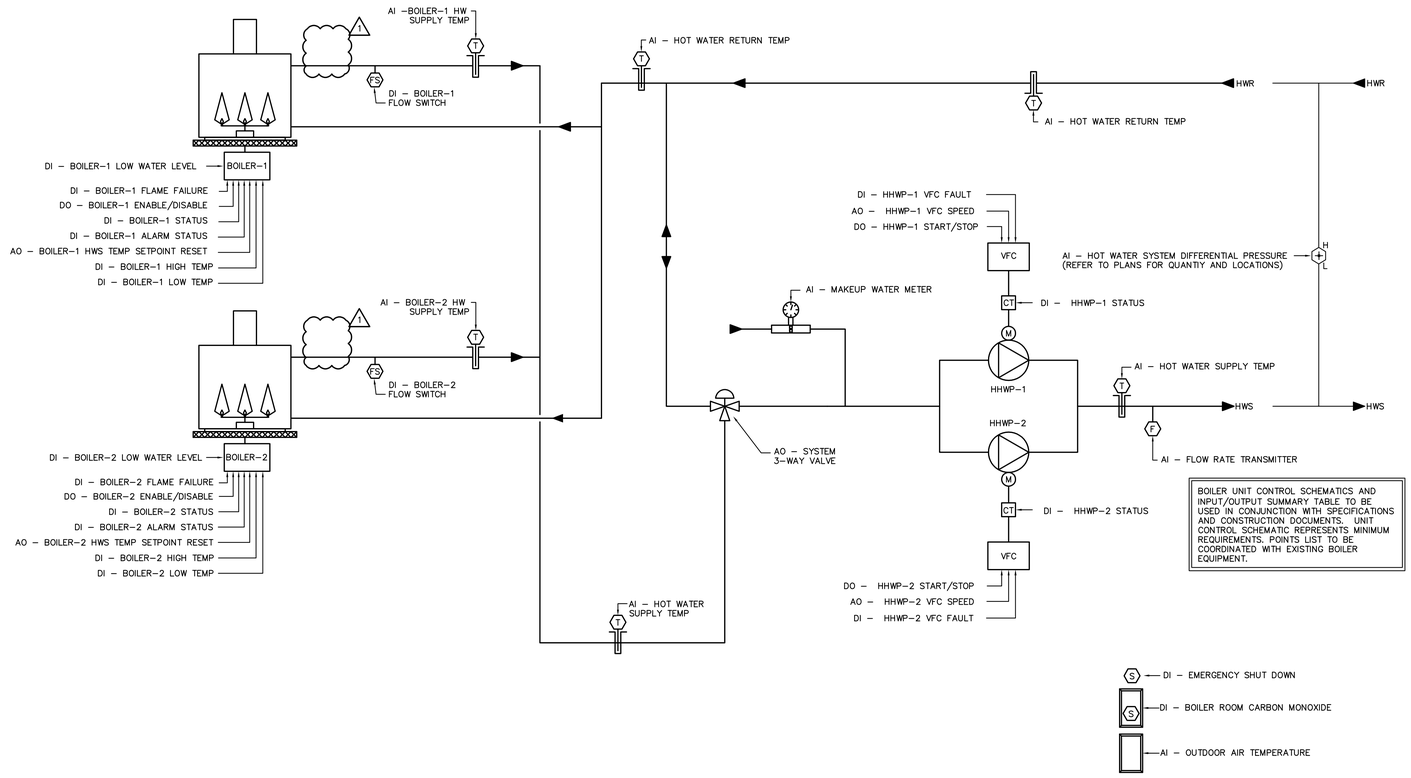
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	01.08.26

OVERALL FIRST FLOOR TECHNOLOGY PLAN

SG-T11

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INPUT/OUTPUT SUMMARY TABLE

PROJECT:
ZIONSVILLE COMMUNITY SCHOOLS
ZIONSVILLE, IN

HEATING WATER PLANT

POINT DESCRIPTION	AI	AO	DI	DO	TREND	ALARM	GRAPHIC
HOT WATER SUPPLY TEMP	X				X		X
HOT WATER RETURN TEMP	X				X		X
HOT WATER FLOW TRANSMITTER	X				X	X	X
HOT WATER SYSTEM DIFFERENTIAL PRESSURE	X				X		X
BLR–1 HW SUPPLY TEMP	X				X		X
BLR–2 HW SUPPLY TEMP	X				X		X
MAKEUP WATER METER	X				X		X
BLR–1 HIGH TEMP	X					X	
BLR–2 HIGH TEMP	X					X	
BLR–1 LOW TEMP	X					X	
BLR–2 LOW TEMP	X					X	
HHWP–1 VFC SPEED		X			X	X	X
HHWP–2 VFC SPEED		X			X	X	X
BLR–1 HWS TEMP SETPOINT RESET		X			X		X
BLR–2 HWS TEMP SETPOINT RESET		X			X		X
BLR–1 STATUS			X		X	X	X
BLR–2 STATUS			X		X	X	X
HHWP–1 STATUS			X		X	X	X
HHWP–2 STATUS			X		X	X	X
BLR–1 FLOW SWITCH			X		X	X	X
BLR–2 FLOW SWITCH			X		X	X	X
BLR–1 ALARM STATUS			X		X	X	X
BLR–2 ALARM STATUS			X		X	X	X
HHWP–1 VFC FAULT			X		X	X	X
HHWP–2 VFC FAULT			X		X	X	X
BLR–1 ENABLE/DISABLE				X			X
BLR–2 ENABLE/DISABLE				X			X
HHWP–1 START/STOP				X			
HHWP–2 START/STOP				X			
1							
BLR–1 FLAME FAILURE						X	
BLR–2 FLAME FAILURE						X	
BLR–1 LOW WATER LEVEL						X	
BLR–2 LOW WATER LEVEL						X	
BOILER ROOM CARBON MONOXIDE						X	
OUTSIDE AIR TEMPERATURE	X				X		X
1							
EMERGENCY SHUT–DOWN			X			X	

VERIFICATION NOTE
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PRECEEDING WITH WORK.

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

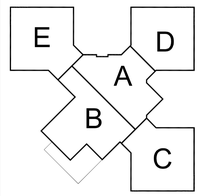
ZIONSVILLE HIGH SCHOOL
1000 Mulberry St.
Zionsville, IN 46077

ZIONSVILLE COMMUNITY SCHOOLS

ARCHITECT

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317.848.0966 WWW.FHAI.COM
350 E. NEW YORK ST, INDIANAPOLIS, IN 46204



KEY PLAN

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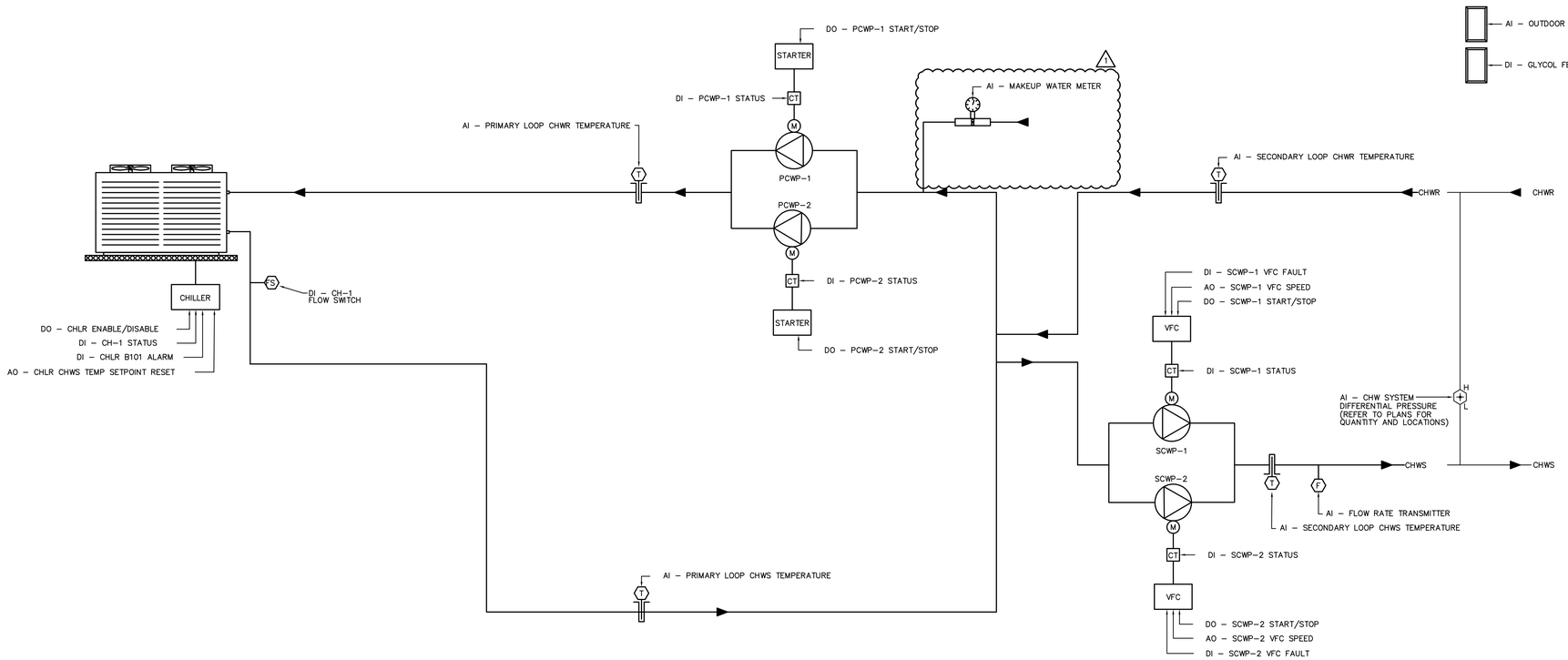
MARK Z. HOPP
REGISTERED
No.
PE 12000601
STATE OF
INDIANA
PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: DJA
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	01.08.2026

BOILER CONTROL SCHEMATIC

UE-M-704



CHILLED WATER SCHEMATIC
NO SCALE

CHILLER UNIT CONTROL SCHEMATICS AND INPUT/OUTPUT SUMMARY TABLE TO BE USED IN CONJUNCTION WITH SPECIFICATIONS AND CONSTRUCTION DOCUMENTS. UNIT CONTROL SCHEMATIC REPRESENTS MINIMUM REQUIREMENTS. POINTS LIST TO BE PROVIDED BY CHILLER MANUFACTURER.

INPUT/OUTPUT SUMMARY TABLE

PROJECT:
ZIONSVILLE COMMUNITY SCHOOLS
ZIONSVILLE, IN

CHILLED WATER PLANT

POINT DESCRIPTION	AI	AO	DI	DO	TREND	ALARM	GRAPHIC
PRIMARY LOOP CHWR TEMPERATURE	X				X		X
PRIMARY LOOP CHWS TEMPERATURE	X				X		X
SECONDARY LOOP CHWS TEMPERATURE	X				X		X
SECONDARY LOOP CHWR TEMPERATURE	X				X		X
CHW FLOW TRANSMITTER	X				X	X	X
CHW SYSTEM DIFFERENTIAL PRESSURE	X				X		X
CHLR–B101 CHWS TEMPERATURE	X				X		X
1 MAKEUP WATER METER	X				X		X
PCWP–1 VFC SPEED		X			X	X	X
PCWP–2 VFC SPEED		X			X	X	X
SCWP–1 VFC SPEED		X			X	X	X
SCWP–2 VFC SPEED		X			X	X	X
CHLR CHWS TEMP SETPOINT RESET		X			X		X
CHLR STATUS			X		X	X	X
PCWP–1 STATUS			X		X	X	X
PCWP–2 STATUS			X		X	X	X
SCWP–1 STATUS			X		X	X	X
SCWP–2 STATUS			X		X	X	X
CHLR FLOW SWITCH			X		X	X	X
GLYCOL FEEDER ALARM			X			X	X
CHLR ALARM			X		X	X	X
PCWP–1 VFC FAULT			X		X	X	X
PCWP–2 VFC FAULT			X		X	X	X
SCWP–1 VFC FAULT			X		X	X	X
SCWP–2 VFC FAULT			X		X	X	X
CHLR ENABLE/DISABLE				X			
PCWP–1 START/STOP				X			
PCWP–2 START/STOP				X			
SCWP–1 START/STOP				X			
SCWP–2 START/STOP				X			
OUTDOOR AIR TEMPERATURE	X				X		X

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ZIONSVILLE COMMUNITY SCHOOLS

2026 IMPROVEMENTS

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Zionsville, IN 46077

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KEY PLAN

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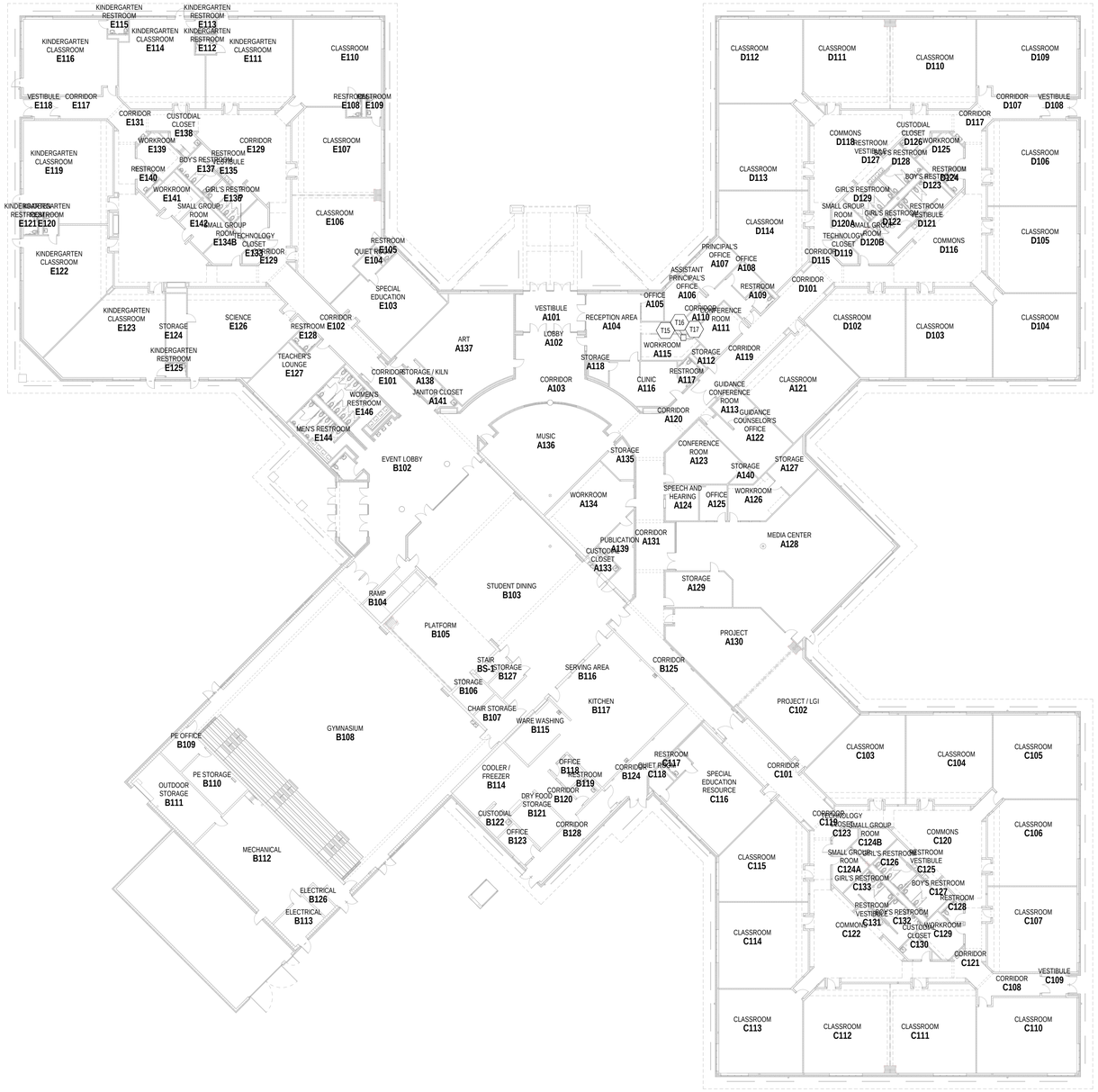
MARK Z. HOPP REGISTERED No. PE 12000601 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: JM
DRAWN BY: DJA
PROJECT NUMBER: 224035.00
PROJECT ISSUE DATE: 12.11.2025

REV. NO. △	DESCRIPTION	DATE
1	ADDENDUM #2	01.08.2026

CHILLER CONTROL SCHEMATIC

UE-M-705



1 FIRST FLOOR TECHNOLOGY PLANS

SCALE: 1" = 20'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR			
A101	--	VESTIBULE	341 SF
A102	--	LOBBY	366 SF
A103	A1	CORRIDOR	925 SF
A104	A101	RECEPTION AREA	470 SF
A105	A102	OFFICE	80 SF
A106	A103	ASSISTANT PRINCIPAL'S OFFICE	166 SF
A107	A104	PRINCIPAL'S OFFICE	214 SF
A108	A105	OFFICE	87 SF
A109	A106	RESTROOM	56 SF
A110	A3	CORRIDOR	230 SF
A111	A107	CONFERENCE ROOM	208 SF
A112	A110	STORAGE	34 SF
A113	A111	GUIDANCE CONFERENCE ROOM	127 SF
A115	A108	WORKROOM	175 SF
A116	A109	CLINIC	366 SF
A117	A109B	RESTROOM	54 SF
A118	A109A	STORAGE	48 SF
A119	D1	CORRIDOR	488 SF
A120	--	CORRIDOR	289 SF
A121	D101	CLASSROOM	956 SF
A122	A112	GUIDANCE COUNSELOR'S OFFICE	377 SF
A123	A113	CONFERENCE ROOM	433 SF
A124	A114	SPEECH AND HEARING	154 SF
A125	A116	OFFICE	127 SF
A126	A117	WORKROOM	261 SF
A127	A117A	STORAGE	180 SF
A128	A115	MEDIA CENTER	2434 SF
A129	A118	STORAGE	305 SF
A130	A119	PROJECT	1039 SF
A131	A2	CORRIDOR	706 SF
A133	A121	CUSTODIAL CLOSET	60 SF
A134	A122	WORKROOM	600 SF
A135	A123A	STORAGE	112 SF
A136	A123	MUSIC	1162 SF
A137	A125	ART	1105 SF
A138	A125A	STORAGE / KILN	102 SF
A139	A120	PUBLICATION	222 SF
A140	A113A	STORAGE	35 SF
A141	A124	JANITOR CLOSET	43 SF
B101	--	VESTIBULE	270 SF
B102	B1	EVENT LOBBY	1567 SF
B103	B101	STUDENT DINING	3444 SF
B104	B103A	RAMP	199 SF
B107	B101B	CHAIR STORAGE	148 SF
B108	B104	GYMNASIUM	6377 SF
B109	B106	PE OFFICE	129 SF
B110	B106A	PE STORAGE	272 SF
B111	B105C	OUTDOOR STORAGE	467 SF
B112	B105	MECHANICAL	1212 SF
B113	B105B	ELECTRICAL	167 SF
B114	--	COOLER / FREEZER	331 SF
B115	--	WARE WASHING	254 SF
B116	--	SERVING AREA	216 SF
B117	B102	KITCHEN	1241 SF
B118	B102A	OFFICE	81 SF
B119	B102B	RESTROOM	53 SF
B120	--	CORRIDOR	350 SF
B121	B102C	DRY FOOD STORAGE	204 SF
B122	B102E	CUSTODIAL	75 SF
B123	B102D	OFFICE	108 SF
B124	B2	CORRIDOR	372 SF
B125	--	CORRIDOR	488 SF
B126	B105A	ELECTRICAL	57 SF
B127	B101A	STORAGE	81 SF
B128	--	CORRIDOR	314 SF
C101	C1	CORRIDOR	597 SF
C102	C113	PROJECT / LGI	971 SF
C103	C112	CLASSROOM	897 SF
C104	C111	CLASSROOM	976 SF
C105	C110	CLASSROOM	911 SF
C106	C109	CLASSROOM	976 SF
C107	C108	CLASSROOM	983 SF
C108	C3	CORRIDOR	182 SF
C109	--	VESTIBULE	70 SF
C110	C107	CLASSROOM	974 SF
C111	C106	CLASSROOM	990 SF
C112	C105	CLASSROOM	978 SF
C113	C104	CLASSROOM	911 SF
C114	C103	CLASSROOM	975 SF
C115	C102	CLASSROOM	898 SF
C116	C101	SPECIAL EDUCATION RESOURCE	946 SF
C117	C101B	RESTROOM	56 SF
C118	C101A	QUIET ROOM	54 SF
C119	--	CORRIDOR	78 SF
C120	C4	COMMONS	1165 SF
C121	--	CORRIDOR	143 SF
C122	C2	COMMONS	1166 SF
C123	C114	TECHNOLOGY CLOSET	61 SF
C124A	C115A	SMALL GROUP ROOM	131 SF
C124B	C115B	SMALL GROUP ROOM	131 SF

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
C125	--	RESTROOM VESTIBULE	72 SF
C126	C120B	GIRL'S RESTROOM	146 SF
C127	C120A	BOY'S RESTROOM	146 SF
C128	C119	RESTROOM	47 SF
C129	C118	WORKROOM	178 SF
C130	C117	CUSTODIAL CLOSET	68 SF
C131	--	RESTROOM VESTIBULE	72 SF
C132	C116B	BOY'S RESTROOM	146 SF
C133	C116A	GIRL'S RESTROOM	146 SF
D101	--	CORRIDOR	216 SF
D102	D102	CLASSROOM	897 SF
D103	D103	CLASSROOM	976 SF
D104	D104	CLASSROOM	911 SF
D105	D105	CLASSROOM	976 SF
D106	D106	CLASSROOM	983 SF
D107	D3	CORRIDOR	182 SF
D108	--	VESTIBULE	70 SF
D109	D107	CLASSROOM	974 SF
D110	D108	CLASSROOM	990 SF
D111	D109	CLASSROOM	978 SF
D112	D110	CLASSROOM	911 SF
D113	D111	CLASSROOM	975 SF
D114	D112	CLASSROOM	898 SF
D115	--	CORRIDOR	88 SF
D116	D2	COMMONS	1160 SF
D117	--	CORRIDOR	143 SF
D118	D4	COMMONS	1161 SF
D119	D113	TECHNOLOGY CLOSET	61 SF
D120A	D114B	SMALL GROUP ROOM	131 SF
D120B	D114A	SMALL GROUP ROOM	131 SF
D121	--	RESTROOM VESTIBULE	72 SF
D122	D115A	GIRL'S RESTROOM	146 SF
D123	D115B	BOY'S RESTROOM	146 SF
D124	D116	RESTROOM	47 SF
D125	D117	WORKROOM	178 SF
D126	D118	CUSTODIAL CLOSET	68 SF
D127	--	RESTROOM VESTIBULE	72 SF
D128	D119A	BOY'S RESTROOM	146 SF
D129	D119B	GIRL'S RESTROOM	146 SF
E101	--	CORRIDOR	216 SF
E102	E1	CORRIDOR	529 SF
E103	E101	SPECIAL EDUCATION	789 SF
E104	E101A	QUIET ROOM	54 SF
E105	E102A	RESTROOM	39 SF
E106	E102	CLASSROOM	938 SF
E107	E103	CLASSROOM	954 SF
E108	E104A	RESTROOM	39 SF
E109	E103A	RESTROOM	39 SF
E110	E104	CLASSROOM	942 SF
E111	E105	KINDERGARTEN CLASSROOM	938 SF
E112	E105A	KINDERGARTEN RESTROOM	39 SF
E113	E106A	KINDERGARTEN RESTROOM	39 SF
E114	E106	KINDERGARTEN CLASSROOM	907 SF
E115	E107A	KINDERGARTEN RESTROOM	39 SF
E116	E107	KINDERGARTEN CLASSROOM	888 SF
E117	E3	CORRIDOR	179 SF
E118	--	VESTIBULE	70 SF
E119	E108	KINDERGARTEN CLASSROOM	1139 SF
E120	E109A	KINDERGARTEN RESTROOM	39 SF
E121	E108A	KINDERGARTEN RESTROOM	39 SF
E122	E109	KINDERGARTEN CLASSROOM	1132 SF
E123	E110	KINDERGARTEN CLASSROOM	1066 SF
E124	E111A	STORAGE	171 SF
E125	E110A	KINDERGARTEN RESTROOM	39 SF
E126	E111	SCIENCE	1099 SF
E127	E113	TEACHER'S LOUNGE	533 SF
E128	E112	RESTROOM	54 SF
E129	--	CORRIDOR	1239 SF
E130	E2	COMMONS	Redundant Room
E131	--	CORRIDOR	142 SF
E132	E4	COMMONS	1136 SF
E133	E114	TECHNOLOGY CLOSET	61 SF
E134A	E115B	SMALL GROUP ROOM	131 SF
E134B	E115A	SMALL GROUP ROOM	131 SF
E135	--	RESTROOM VESTIBULE	74 SF
E136	E116A	GIRL'S RESTROOM	146 SF
E137	E116B	BOY'S RESTROOM	146 SF
E138	E117	CUSTODIAL CLOSET	68 SF
E139	E118	WORKROOM	178 SF
E140	E119	RESTROOM	47 SF
E141	E120	WORKROOM	171 SF
E142	E121	SMALL GROUP ROOM	171 SF
E144	B108A	MEN'S RESTROOM	255 SF
E145	B107	FAMILY RESTROOM	63 SF
E146	B108B	WOMEN'S RESTROOM	333 SF
STAGE FLOOR			
B105	B103	PLATFORM	845 SF
B106	B103B	STORAGE	118 SF
BS-1	B103C	STAIR	61 SF

TECHNOLOGY PLAN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

TECHNOLOGY PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

#	NOTE
T15	LOCATION OF EXISTING DUKANE INTERCOM HEADEND CABINET TO REPLACE.
T16	REPLACE EXISTING CABINET AND HEADEND EQUIPMENT WITH A NEW CAREHAWK CH1000X UNIT TO MATCH DISTRICT STANDARD. ALL EXISTING SPEAKERS AND WIRING ARE TO BE REUSED.
T17	INCLUDE 16 ADDITIONAL LABOR HOURS FOR TESTING AND TROUBLESHOOTING OF TOTATL SYSTEM AFTER CHANGEOVER.

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2026 IMPROVEMENTS

UNION ELEMENTARY SCHOOL
11750 E 300 S,
Zionsville, IN 46077

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OVERALL FIRST FLOOR TECHNOLOGY PLAN

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